

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114230.D
 Acq On : 13 May 2019 15:50
 Operator : JU/SJ
 Sample : K2764-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Quant Time: May 14 04:45:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	244261	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	934781	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	449097	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	881540	20.00	ng	0.01
76) Chrysene-d12	14.03	240	516657	20.00	ng	0.01
87) Perylene-d12	15.53	264	575058	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2008813	132.35	ng	0.02
7) Phenol-d6	6.52	99	2678140	149.18	ng	0.02
23) Nitrobenzene-d5	7.42	82	1737316	104.30	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	632076	136.14	ng	0.02
45) 2-Fluorobiphenyl	9.22	172	2486128	83.74	ng	0.00
79) Terphenyl-d14	12.96	244	2298016	91.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	309206	37.062	ng	99
3) Pyridine	3.40	79	734758	31.965	ng	97
4) n-Nitrosodimethylamine	3.33	42	491157	44.309	ng	92
6) Aniline	6.53	93	520623	20.076	ng	# 1
8) 2-Chlorophenol	6.66	128	860218	53.087	ng	92
9) Benzaldehyde	6.40	77	398329	31.695	ng	97
10) Phenol	6.53	94	1007624	47.713	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	875762	54.624	ng	100
12) 1,3-Dichlorobenzene	6.80	146	874715	48.091	ng	99
13) 1,4-Dichlorobenzene	6.87	146	878244	47.917	ng	98
14) 1,2-Dichlorobenzene	7.03	146	813976	48.610	ng	98
15) Benzyl Alcohol	7.00	79	726203	51.866	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1538671	49.496	ng	67
17) 2-Methylphenol	7.13	107	683973	51.385	ng	# 88
18) Hexachloroethane	7.37	117	316779	46.044	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	605758	53.235	ng	99
20) 3+4-Methylphenols	7.28	107	857965	55.788	ng	# 58
22) Acetophenone	7.27	105	1159357	55.985	ng	# 91
24) Nitrobenzene	7.44	77	944053	55.647	ng	99
25) Isophorone	7.68	82	1724978	55.839	ng	99
26) 2-Nitrophenol	7.76	139	490541	59.598	ng	97
27) 2,4-Dimethylphenol	7.80	122	784329	60.673	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1113514	55.554	ng	100
29) 2,4-Dichlorophenol	8.00	162	721481	56.049	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	748475	51.134	ng	100
31) Naphthalene	8.16	128	2378646	54.475	ng	100
32) Benzoic acid	7.95	122	523414	55.500	ng	98
33) 4-Chloroaniline	8.21	127	269312	13.535	ng	98
34) Hexachlorobutadiene	8.28	225	409136	49.124	ng	98
35) Caprolactam	8.60	113	214187	51.029	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	781837	60.340	ng	99
37) 2-Methylnaphthalene	8.85	142	1615495	57.343	ng	98
38) 1-Methylnaphthalene	8.95	142	1508620	56.863	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	723765	53.202	ng	99

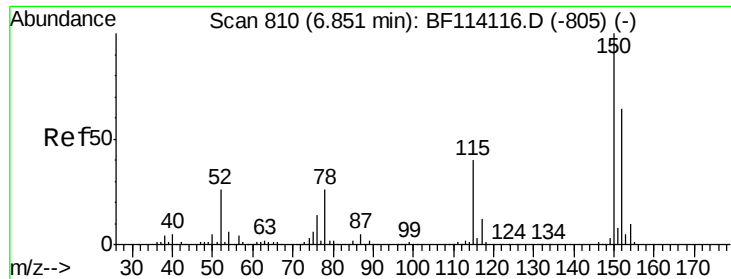
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	230901	38.787	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	516802	55.230	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	550808	57.398	ng	98
46) 1,1'-Biphenyl	9.32	154	1919653	52.911	ng	99
47) 2-Chloronaphthalene	9.35	162	1481161	50.727	ng	97
48) 2-Nitroaniline	9.44	65	554467	53.545	ng	99
49) Acenaphthylene	9.76	152	2453178	55.240	ng	100
50) Dimethylphthalate	9.62	163	2107319	63.920	ng	99
51) 2,6-Dinitrotoluene	9.68	165	415712	56.851	ng	98
52) Acenaphthene	9.93	154	1375733	50.483	ng	98
53) 3-Nitroaniline	9.85	138	302669	33.344	ng	99
54) 2,4-Dinitrophenol	9.97	184	325439	87.792	ng	92
55) Dibenzofuran	10.10	168	2020790	50.570	ng	98
56) 4-Nitrophenol	10.04	139	591149	92.091	ng	96
57) 2,4-Dinitrotoluene	10.09	165	534101	53.814	ng	95
58) Fluorene	10.45	166	1628620	52.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	458518	55.376	ng	100
60) Diethylphthalate	10.32	149	1825890	54.508	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	781076	51.523	ng	99
62) 4-Nitroaniline	10.47	138	448859	47.059	ng	97
63) Azobenzene	10.59	77	1736297	53.550	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	214546	50.649	ng	88
66) n-Nitrosodiphenylamine	10.55	169	1493498	55.821	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	517644	53.332	ng	99
68) Hexachlorobenzene	11.00	284	543641	50.630	ng	98
69) Atrazine	11.09	200	473333	56.850	ng	99
70) Pentachlorophenol	11.20	266	530974	104.316	ng	99
71) Phenanthrene	11.41	178	2528464	58.955	ng	100
72) Anthracene	11.46	178	2350572	54.566	ng	99
73) Carbazole	11.62	167	2178058	53.022	ng	100
74) Di-n-butylphthalate	11.94	149	2778039	58.701	ng	99
75) Fluoranthene	12.60	202	2738391	59.292	ng	97
77) Benzidine	12.71	184	85464	3.685	ng	98
78) Pyrene	12.83	202	3050641	73.399	ng	97
80) Butylbenzylphthalate	13.43	149	1666642	95.269	ng	98
81) Benzo(a)anthracene	14.02	228	2065572	61.812	ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	492269	37.974	ng	99
83) Chrysene	14.06	228	2079868	63.492	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1675041	73.210	ng	100
85) Di-n-octyl phthalate	14.64	149	2737941	73.819	ng	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1635199	56.481	ng	99
88) Benzo(b)fluoranthene	15.10	252	2433192	66.045	ng	99
89) Benzo(k)fluoranthene	15.13	252	1708586	50.486	ng	99
90) Benzo(a)pyrene	15.48	252	1990112	61.379	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1300477	48.269	ng	97
92) Benzo(g,h,i)perylene	17.48	276	1625158	60.190	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

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BNA_F

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P026-SS002-1218-01MS

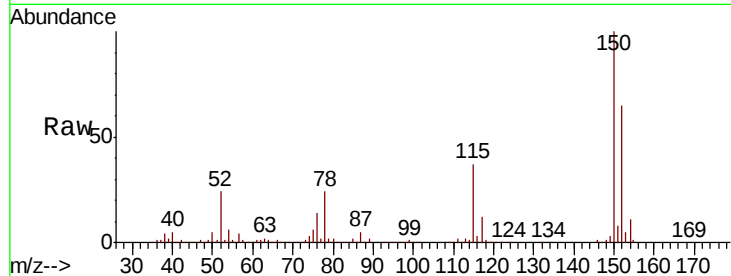
Tgt Ion:152 Resp: 244261

Ion Ratio Lower Upper

152 100

150 154.5 124.3 186.5

115 57.8 49.1 73.7

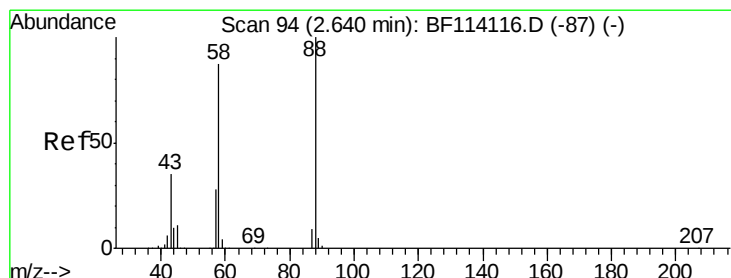
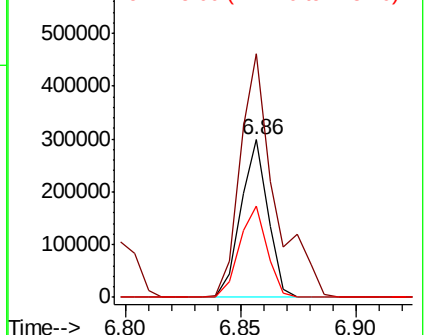
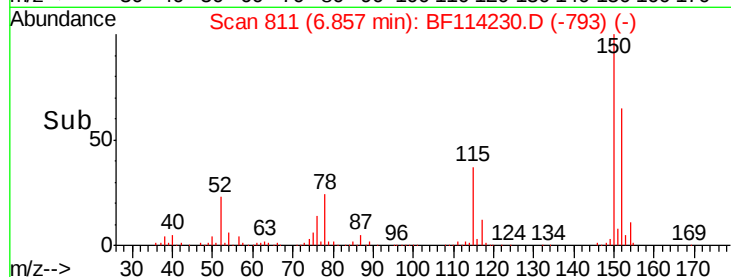


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.062 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

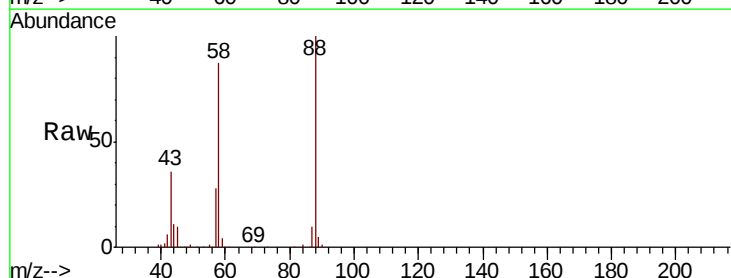
Tgt Ion: 88 Resp: 309206

Ion Ratio Lower Upper

88 100

58 85.9 68.7 103.1

43 34.1 28.2 42.2

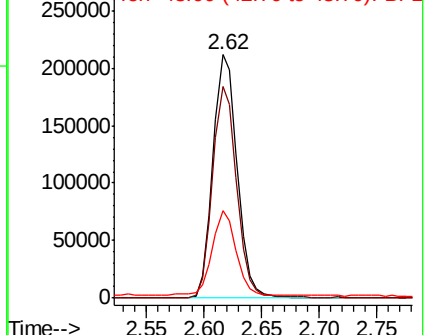
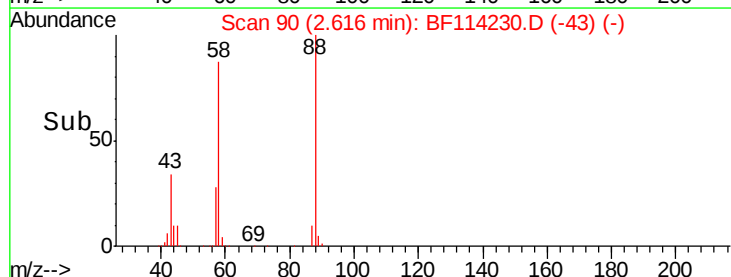


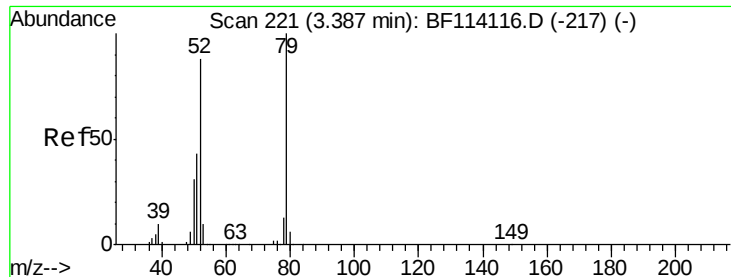
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 31.965 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

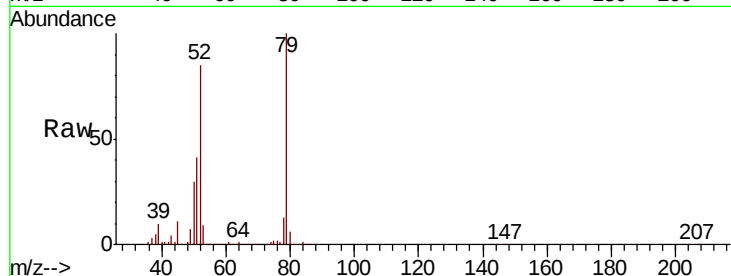
Tgt Ion: 79 Resp: 734758

Ion Ratio Lower Upper

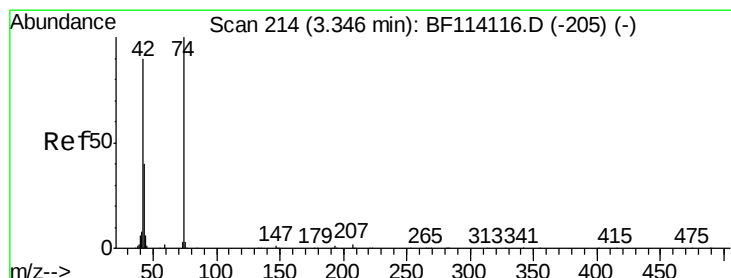
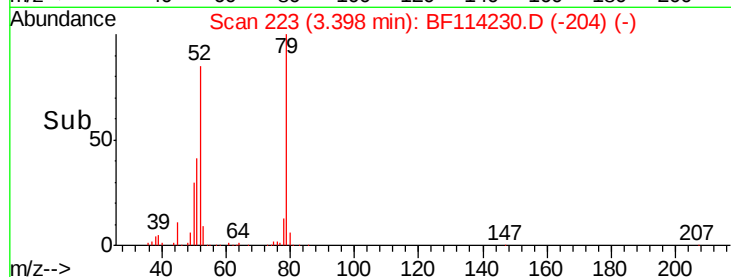
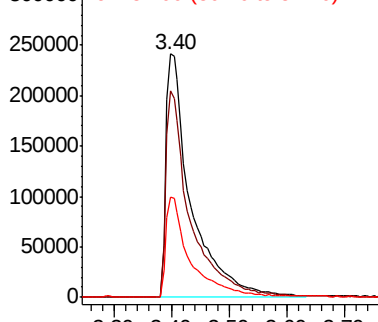
79 100

52 84.6 70.6 105.8

51 41.1 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.309 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

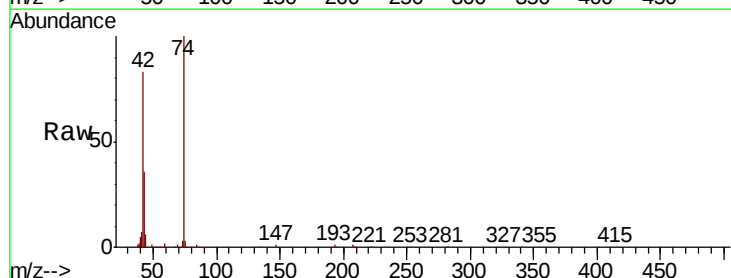
Tgt Ion: 42 Resp: 491157

Ion Ratio Lower Upper

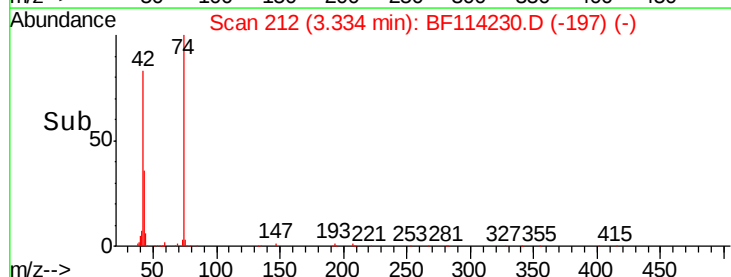
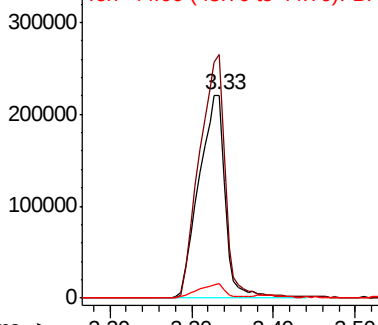
42 100

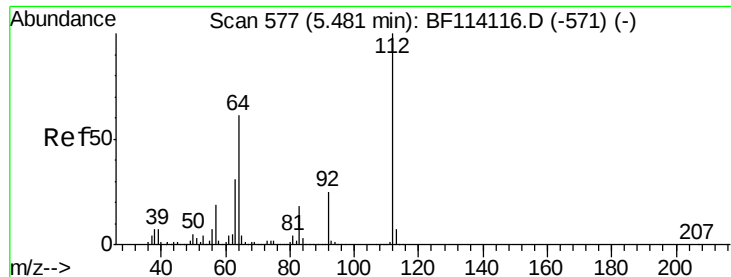
74 119.9 88.6 132.8

44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.346 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

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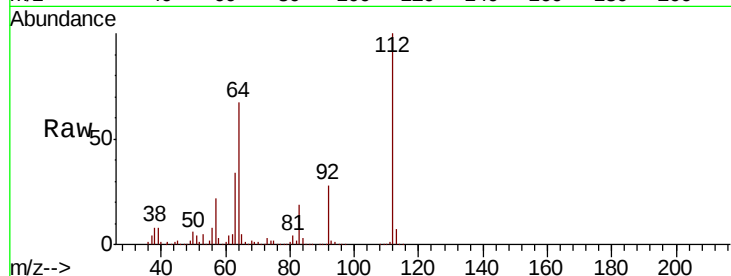
Tgt Ion: 112 Resp: 2008813

Ion Ratio Lower Upper

112 100

64 66.8 49.0 73.6

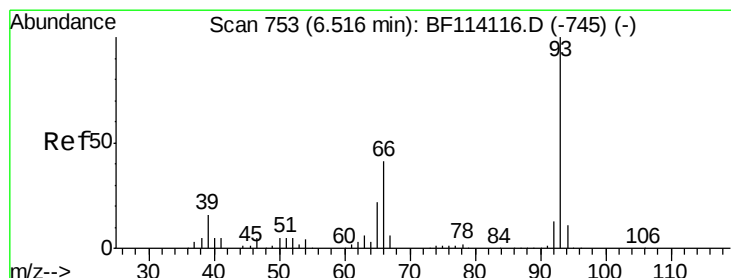
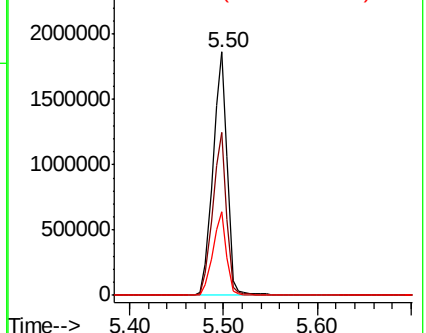
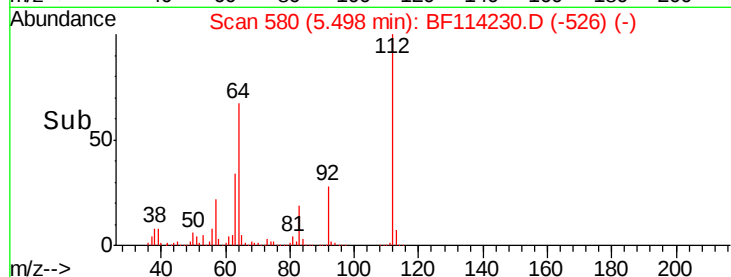
63 34.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.076 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

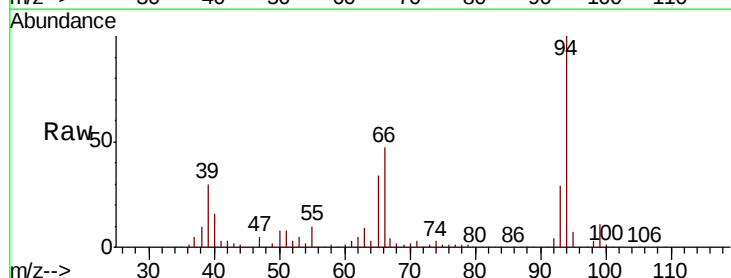
Tgt Ion: 93 Resp: 520623

Ion Ratio Lower Upper

93 100

66 161.8 33.2 49.8#

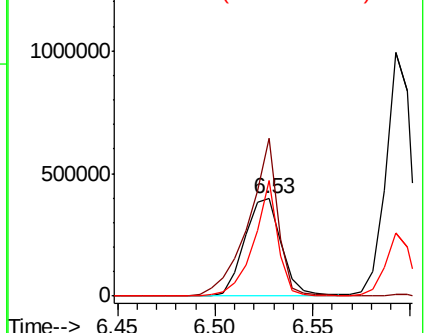
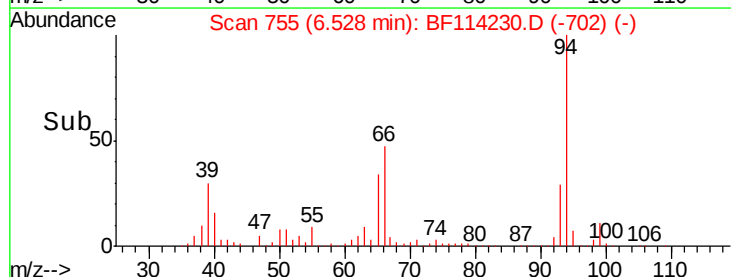
65 118.2 17.6 26.4#

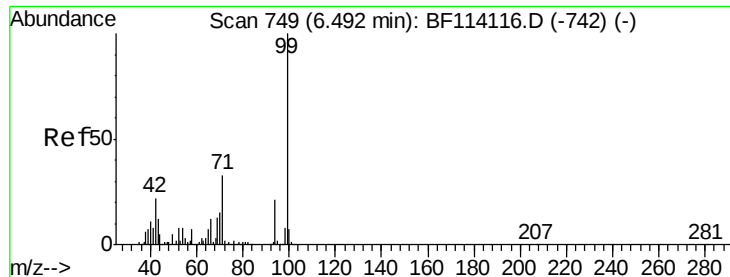


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 149.183 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF114230.D

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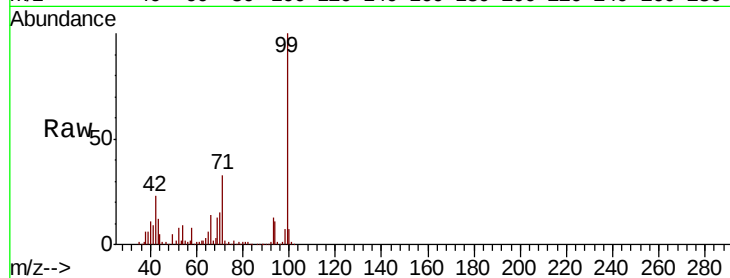
Tgt Ion: 99 Resp: 2678140

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

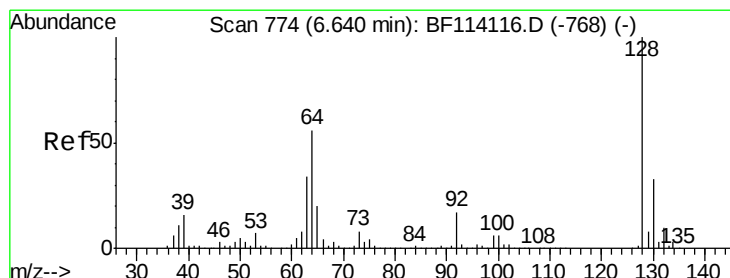
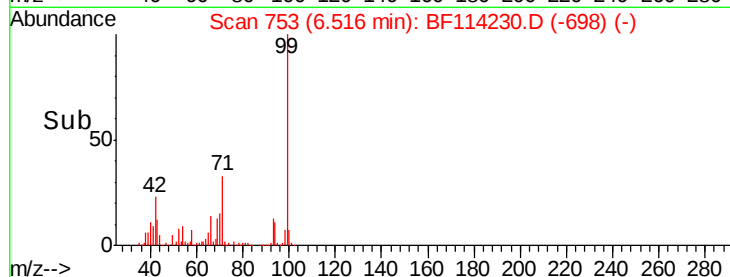
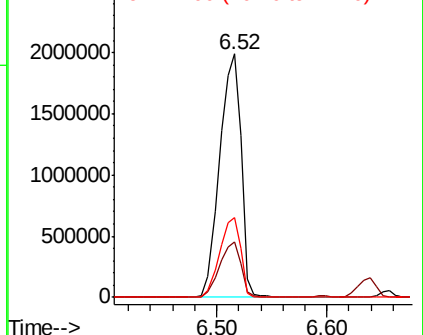
71 33.0 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 53.087 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

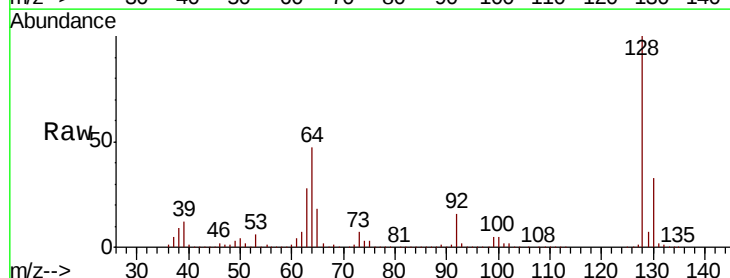
Tgt Ion: 128 Resp: 860218

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

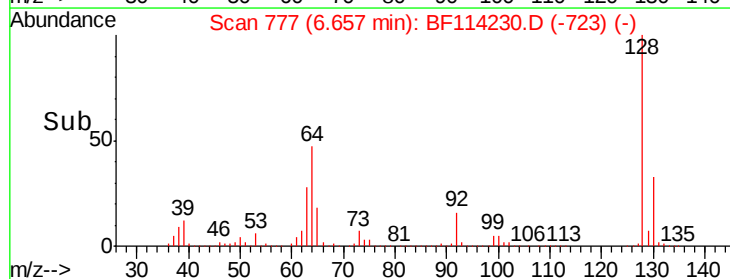
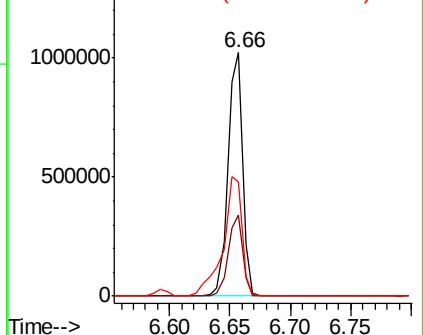
64 47.2 35.9 75.9

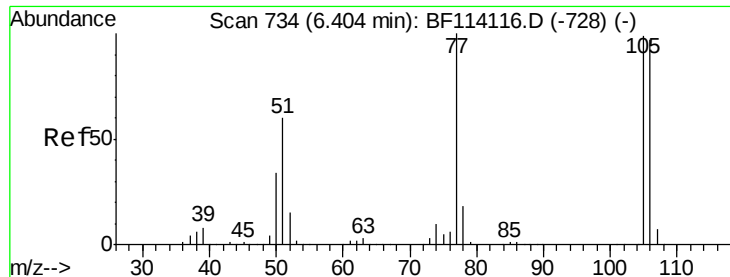


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.695 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114230.D

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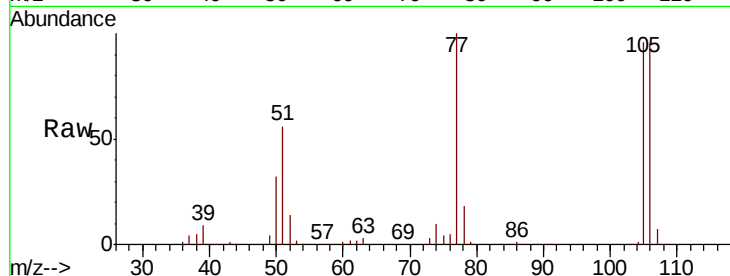
Tgt Ion: 77 Resp: 398329

Ion Ratio Lower Upper

77 100

105 95.8 79.3 119.3

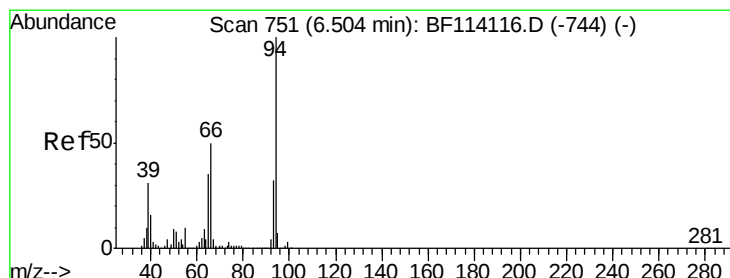
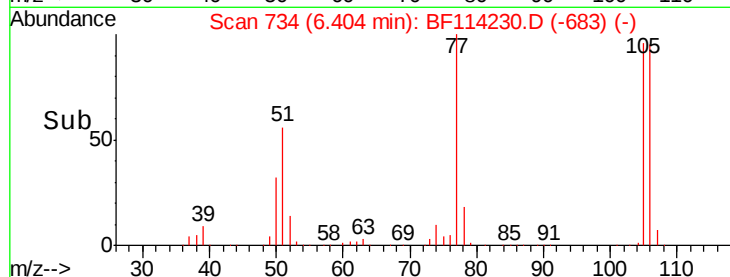
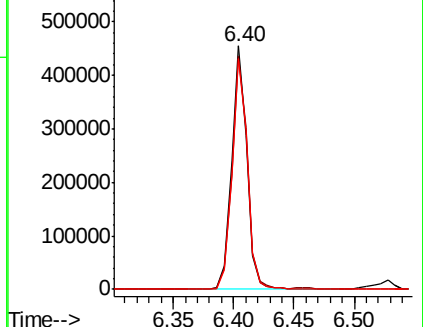
106 94.7 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.713 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

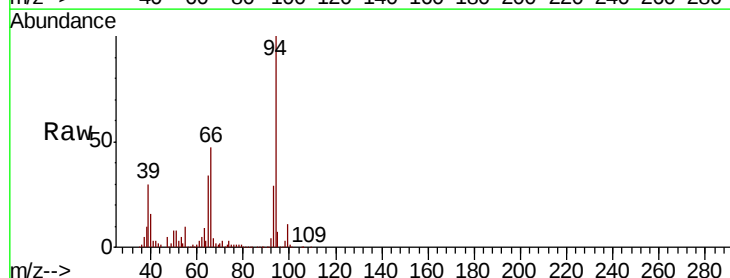
Tgt Ion: 94 Resp: 1007624

Ion Ratio Lower Upper

94 100

65 34.2 14.7 54.7

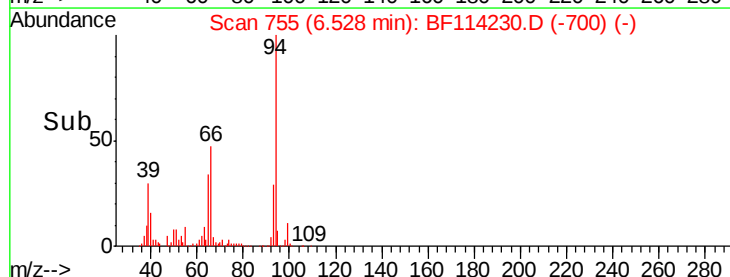
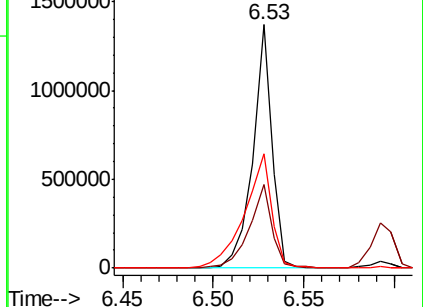
66 46.9 29.6 69.6

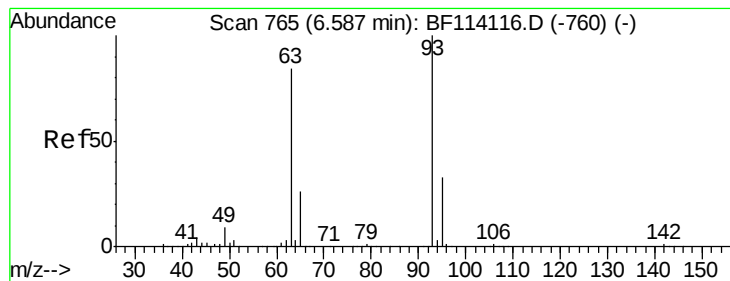


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 54.624 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

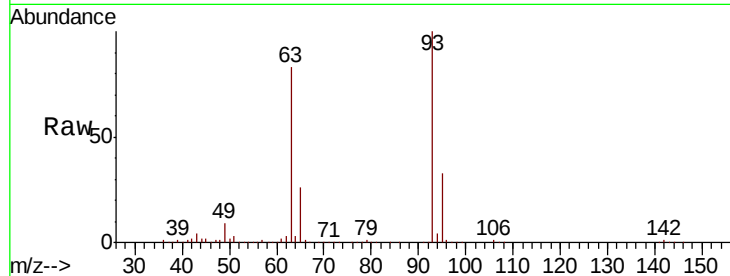
Tgt Ion: 93 Resp: 875762

Ion Ratio Lower Upper

93 100

63 83.2 63.6 103.6

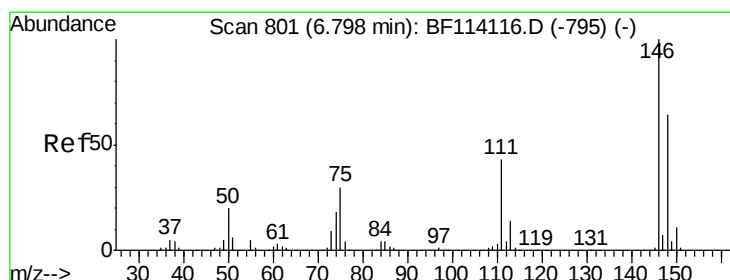
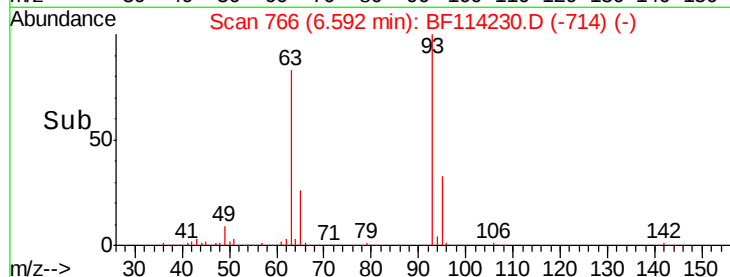
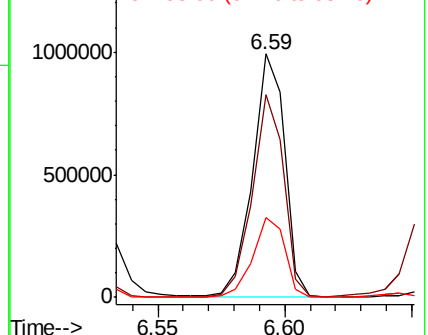
95 33.0 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 48.091 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

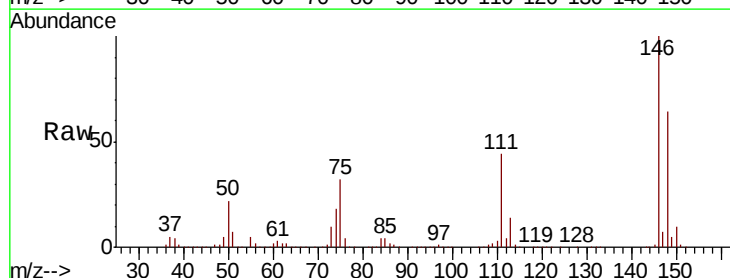
Tgt Ion: 146 Resp: 874715

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

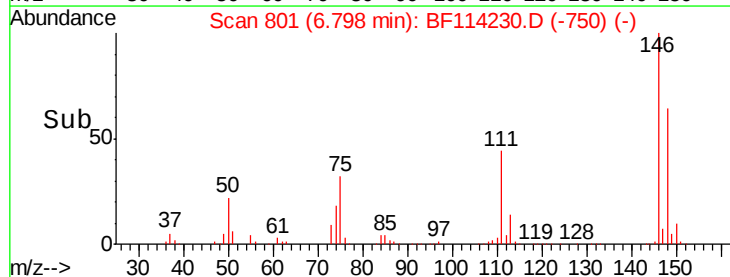
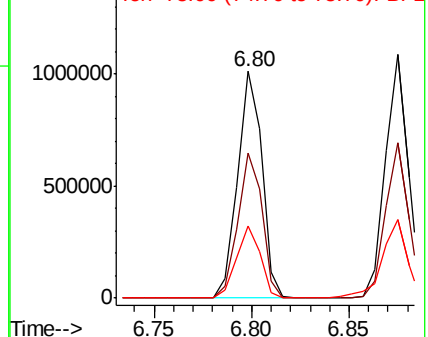
75 31.7 24.2 36.2

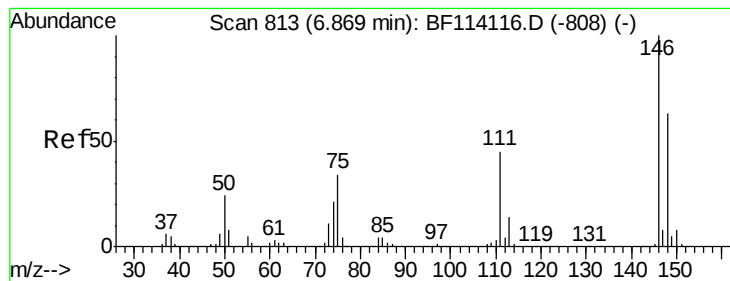


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 47.917 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

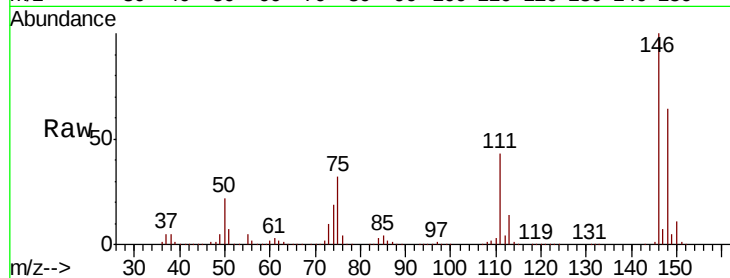
Tgt Ion:146 Resp: 878244

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

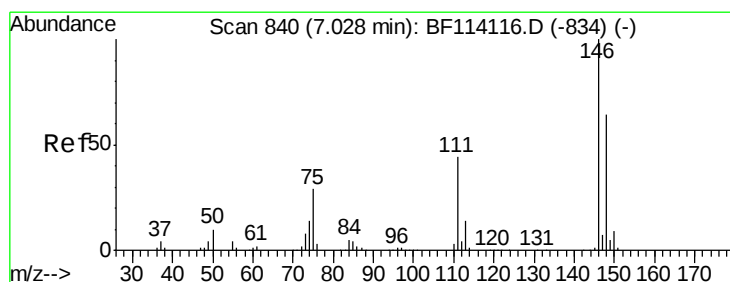
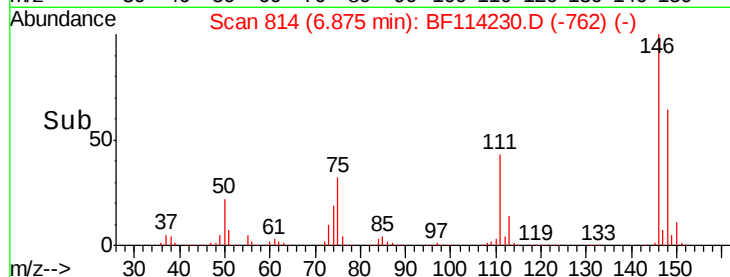
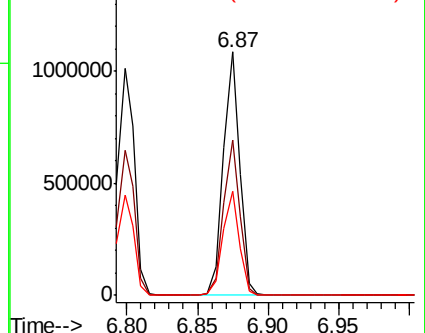
111 42.5 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.610 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

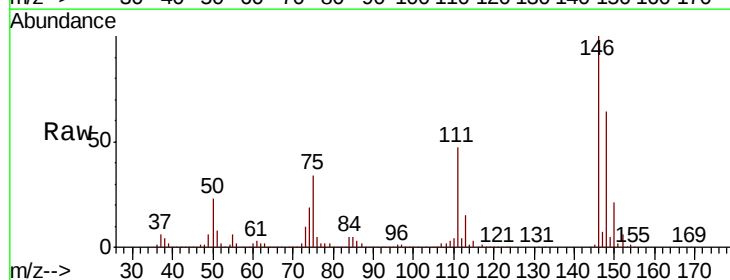
Tgt Ion:146 Resp: 813976

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

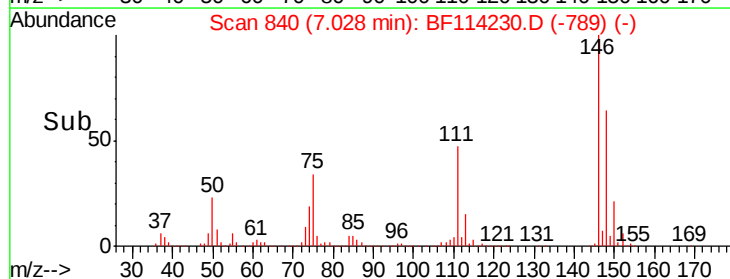
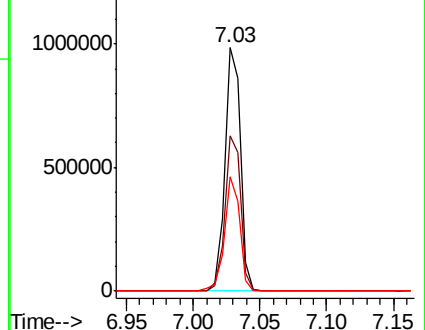
111 47.0 35.3 52.9

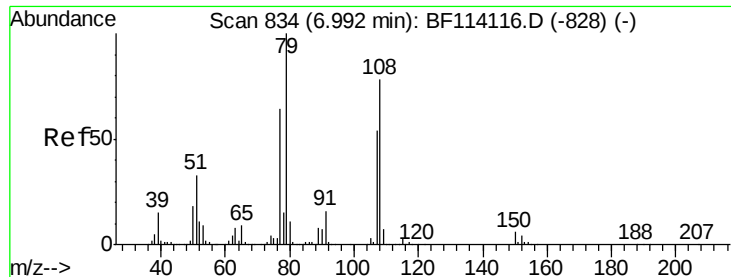


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.866 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

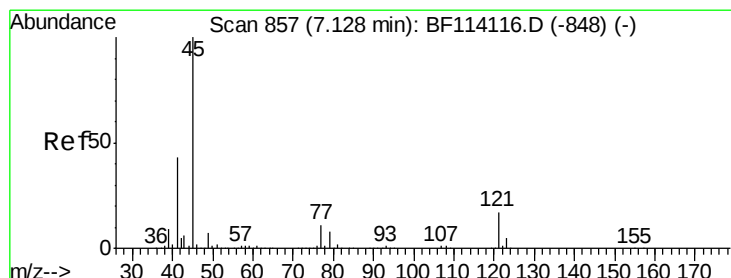
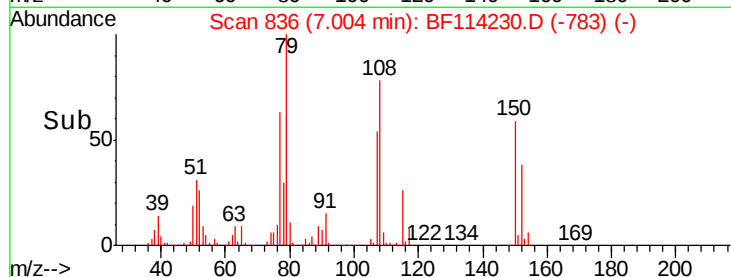
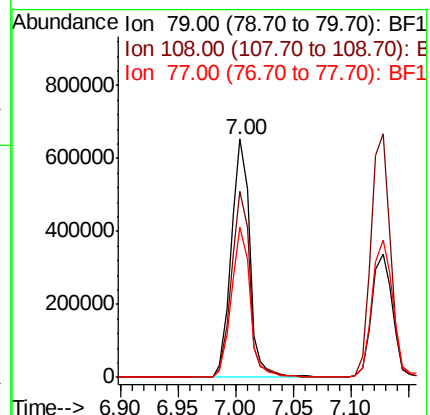
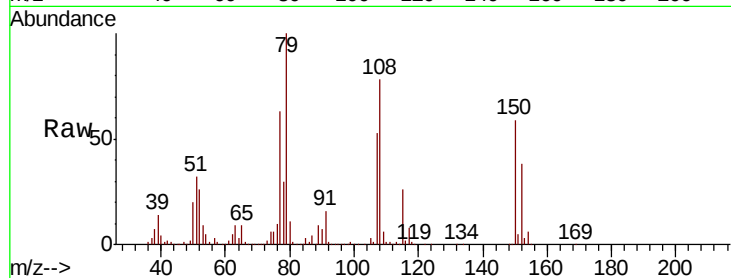
Tgt Ion: 79 Resp: 726203

Ion Ratio Lower Upper

79 100

108 78.3 62.1 93.1

77 63.2 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.496 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

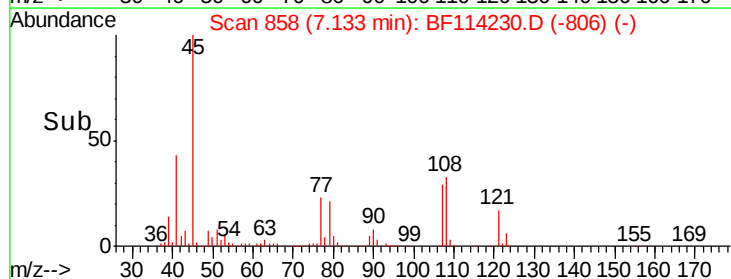
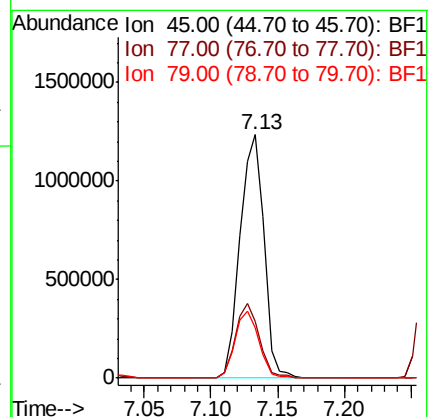
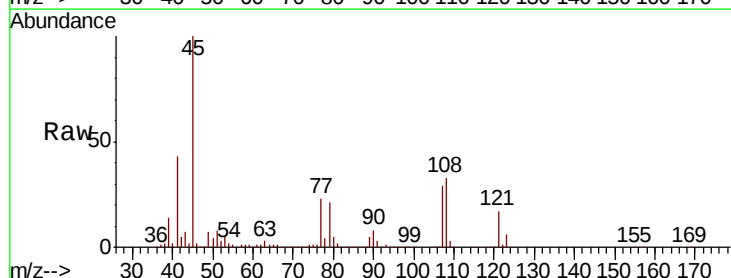
Tgt Ion: 45 Resp: 1538671

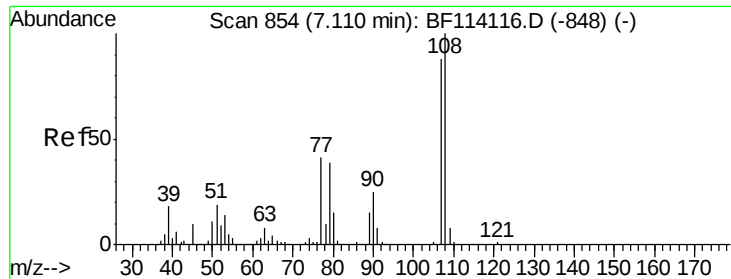
Ion Ratio Lower Upper

45 100

77 23.5 0.0 31.1

79 20.6 0.0 28.4

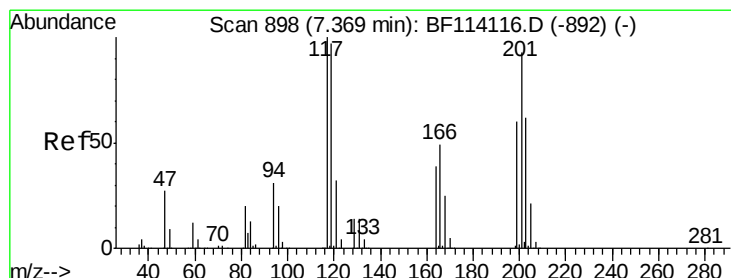
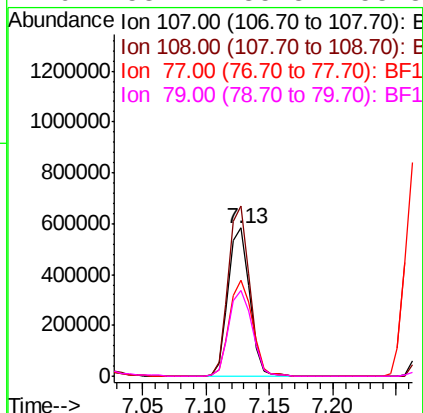
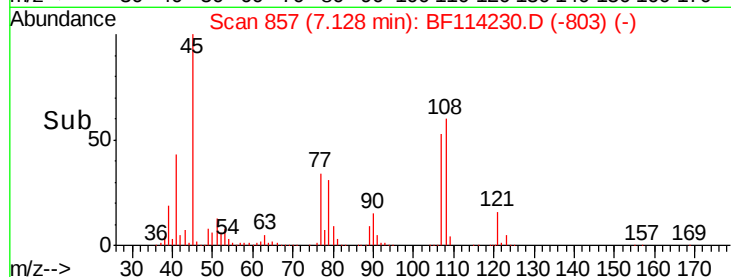
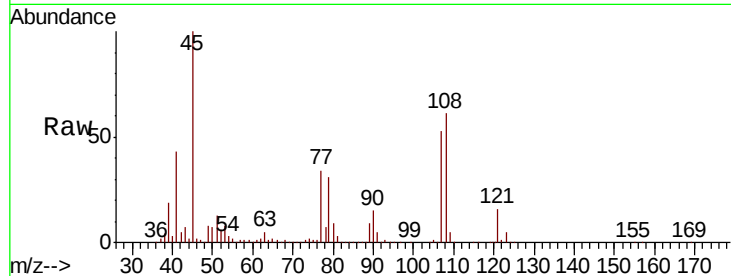




#17
2-Methylphenol
Concen: 51.385 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

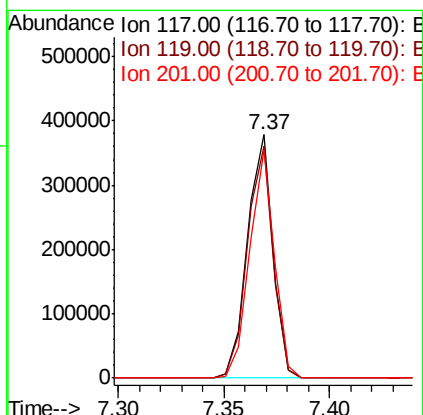
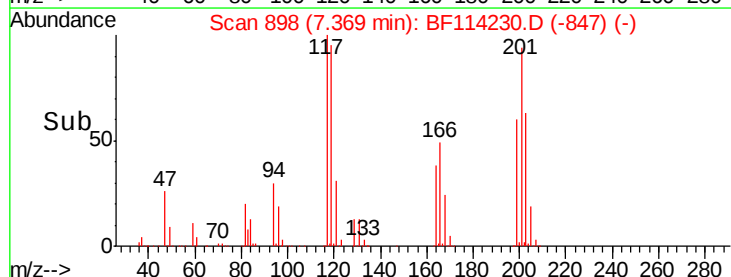
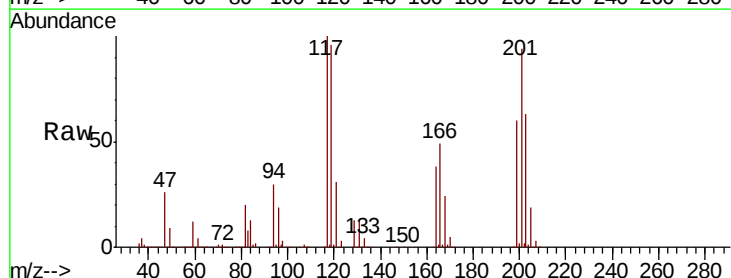
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

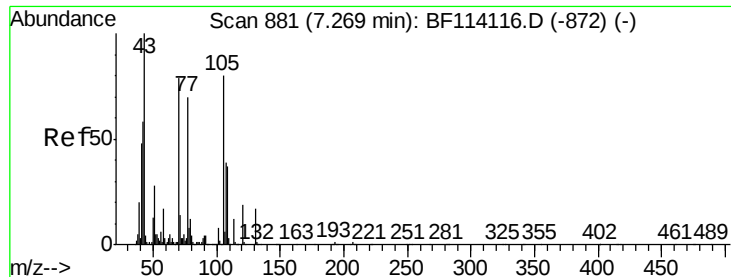
Tgt Ion:107 Resp: 683973
Ion Ratio Lower Upper
107 100
108 114.5 90.5 135.7
77 64.8 37.0 55.4#
79 58.2 35.8 53.8#



#18
Hexachloroethane
Concen: 46.044 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:117 Resp: 316779
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.2
201 93.9 74.5 111.7

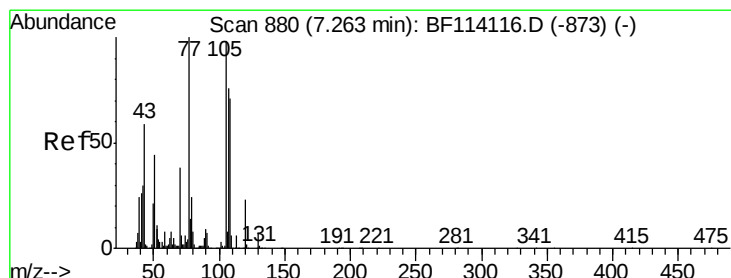
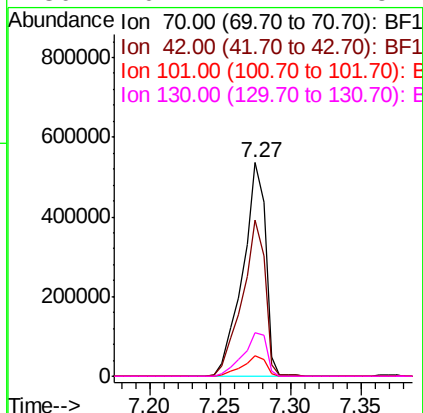
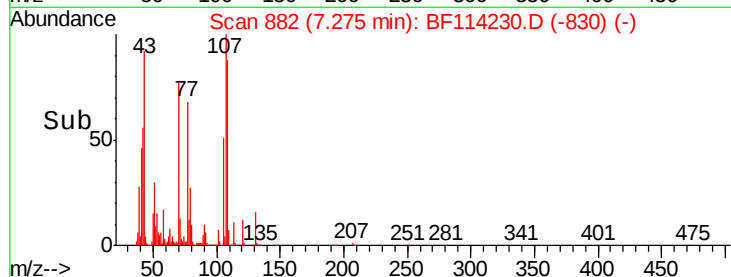
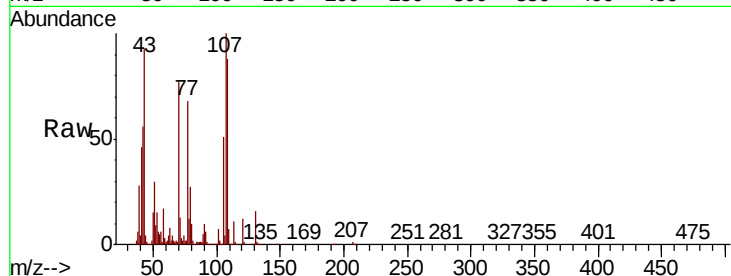




#19
n-Nitroso-di-n-propylamine
Concen: 53.235 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

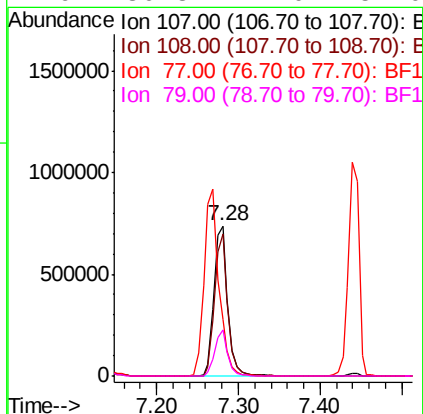
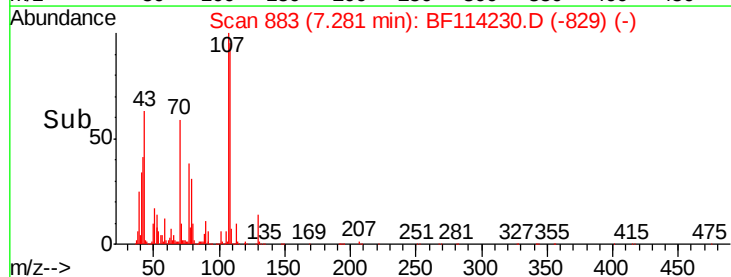
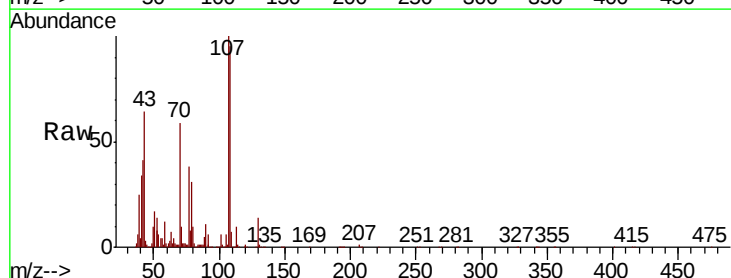
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

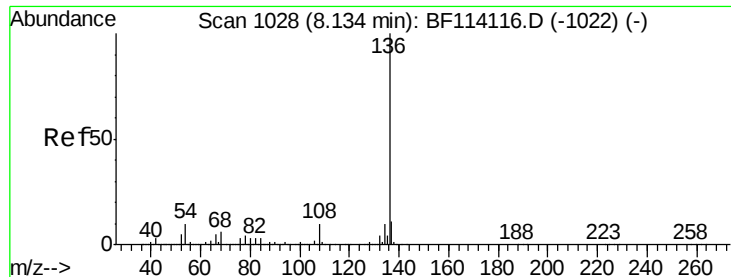
Tgt Ion:	70	Resp:	605758
Ion	Ratio	Lower	Upper
70	100		
42	73.0	58.6	87.8
101	9.3	7.8	11.8
130	20.7	17.1	25.7



#20
3+4-Methylphenols
Concen: 55.788 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:	107	Resp:	857965
Ion	Ratio	Lower	Upper
107	100		
108	95.2	73.8	113.8
77	37.7	111.5	151.5#
79	30.8	12.0	52.0

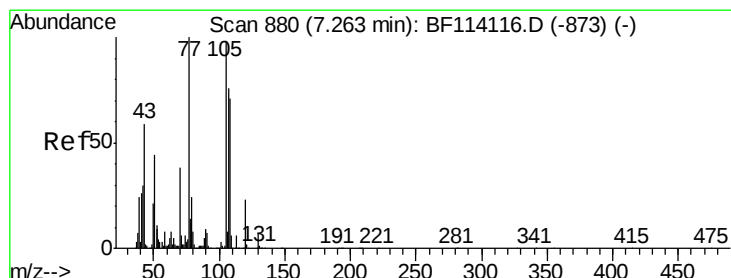
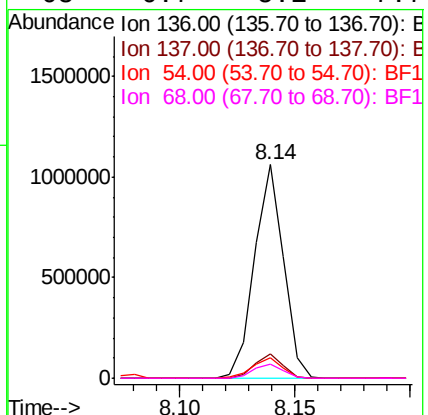
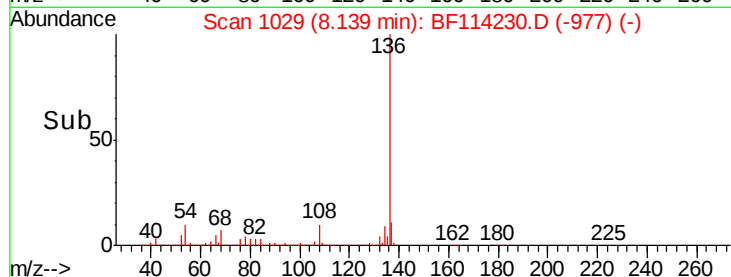
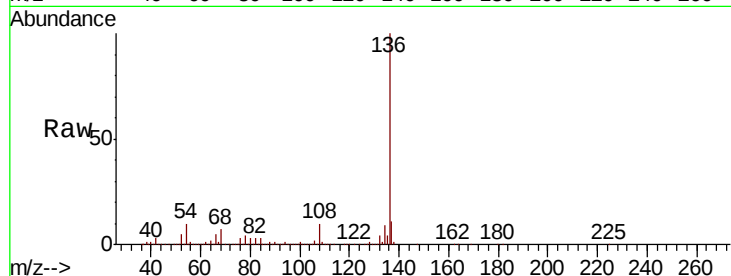




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

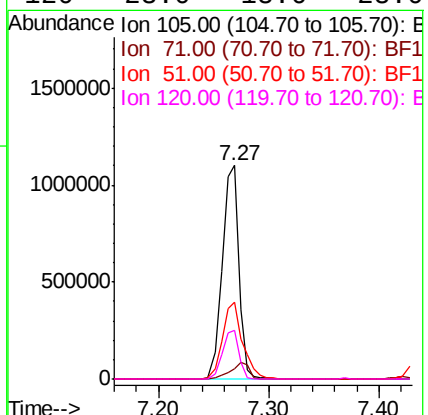
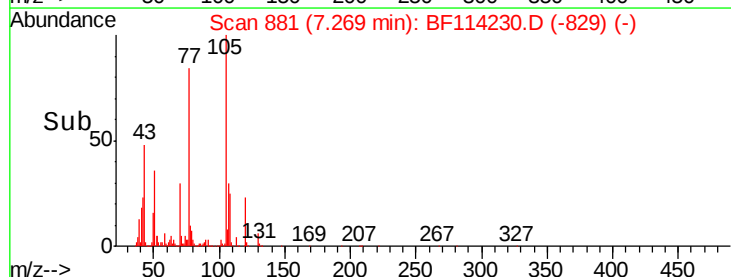
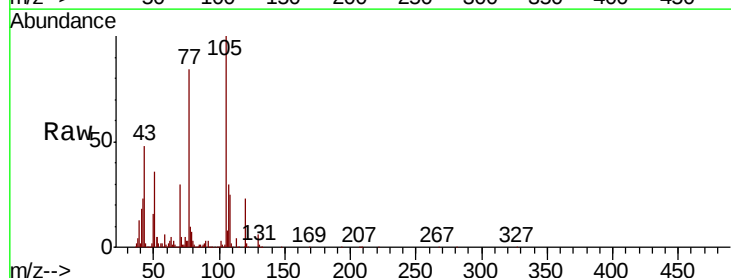
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

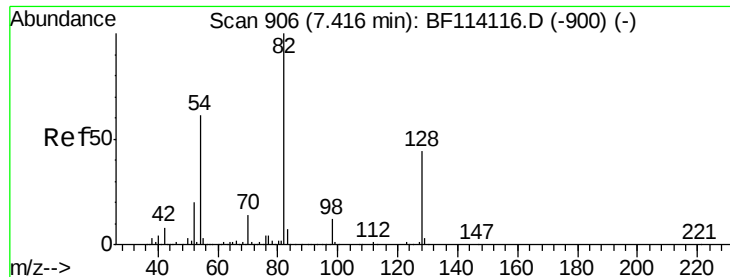
Tgt Ion:	136	Resp:	934781
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.7	7.8	11.8
68	6.7	5.1	7.7



#22
Acetophenone
Concen: 55.985 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:	105	Resp:	1159357
Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.3	7.9#
51	36.1	36.2	54.4#
120	23.0	18.6	28.0

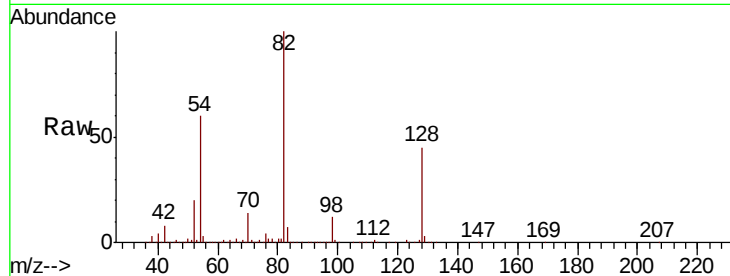




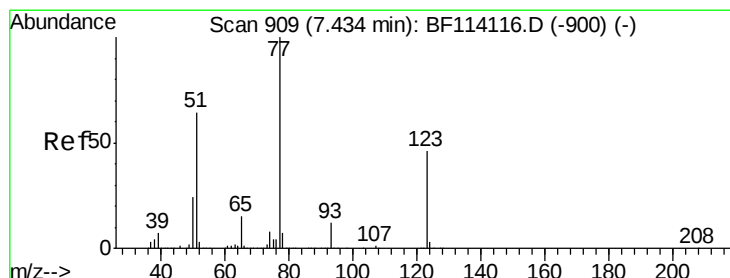
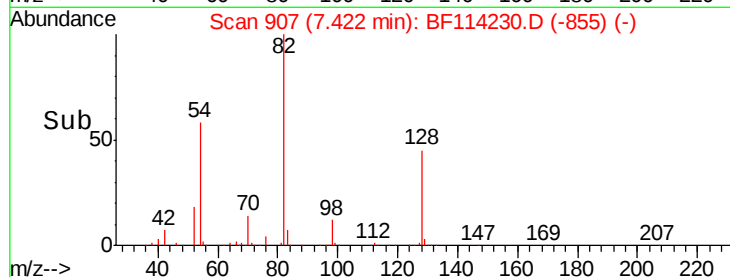
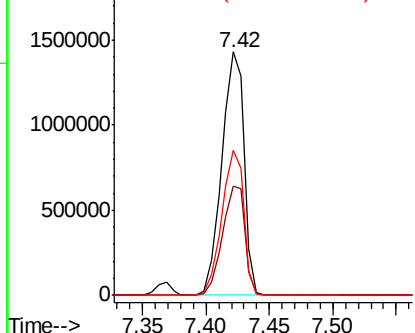
#23
 Nitrobenzene-d5
 Concen: 104.301 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tgt Ion: 82 Resp: 1737316
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.5 53.3
 54 59.5 48.5 72.7

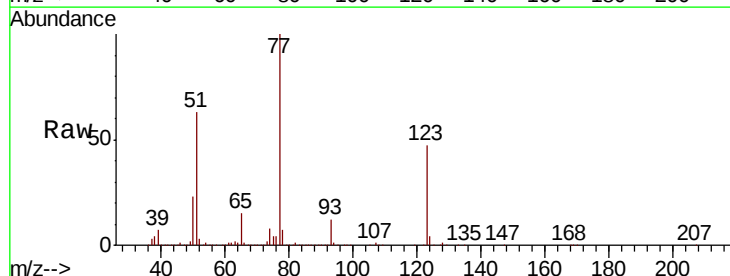


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

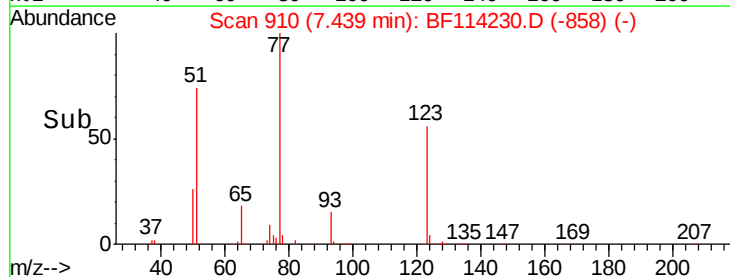
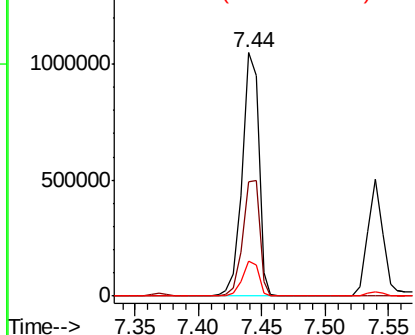


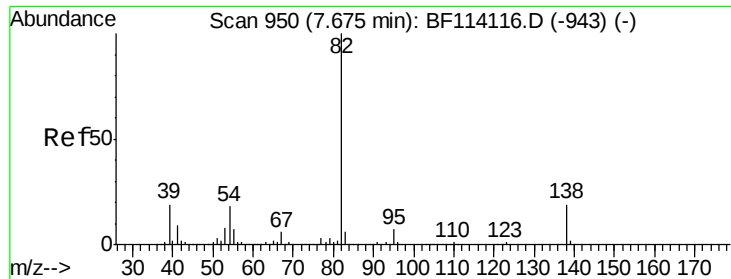
#24
 Nitrobenzene
 Concen: 55.647 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion: 77 Resp: 944053
 Ion Ratio Lower Upper
 77 100
 123 47.0 36.9 55.3
 65 14.6 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

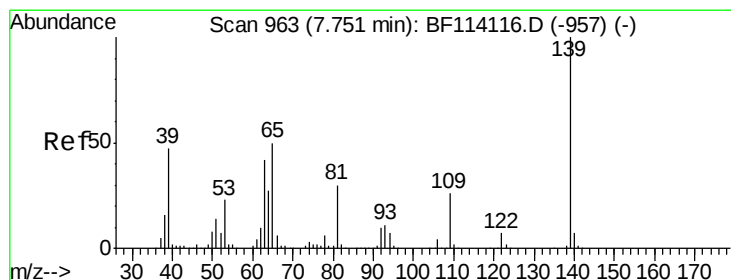
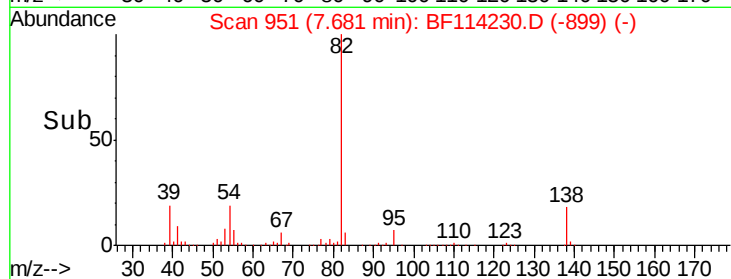
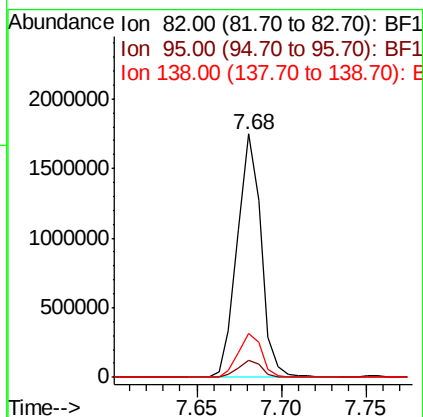
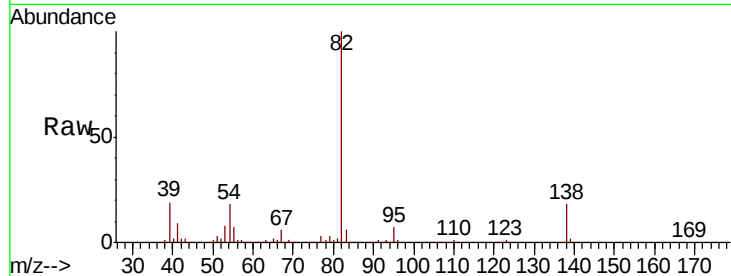




#25
Isophorone
Concen: 55.839 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

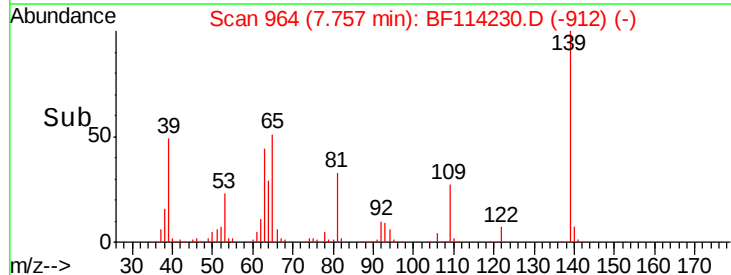
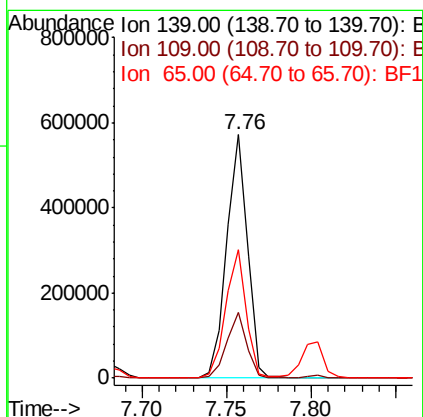
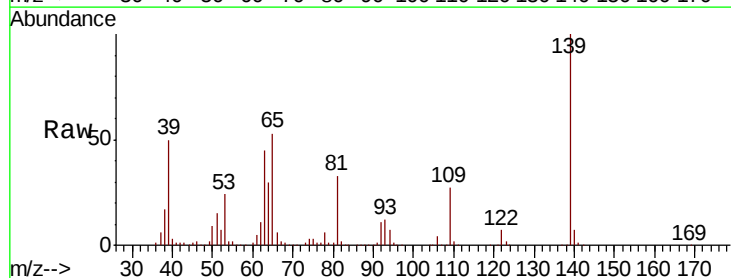
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

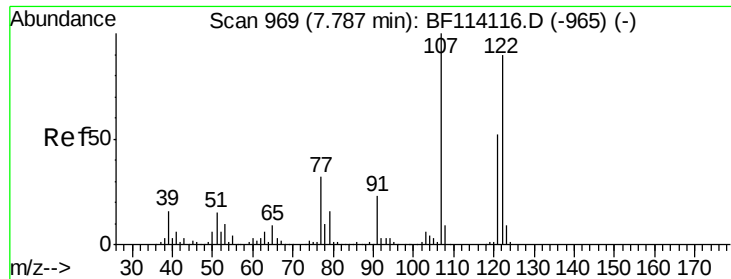
Tgt Ion: 82 Resp: 1724978
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.1 14.8 22.2



#26
2-Nitrophenol
Concen: 59.598 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion: 139 Resp: 490541
Ion Ratio Lower Upper
139 100
109 26.9 20.7 31.1
65 52.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 60.673 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

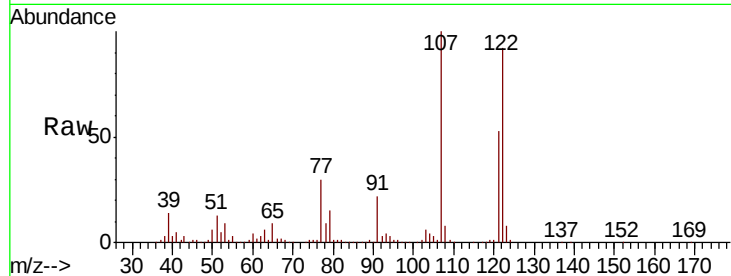
Tgt Ion:122 Resp: 784329

Ion Ratio Lower Upper

122 100

107 109.1 88.4 132.6

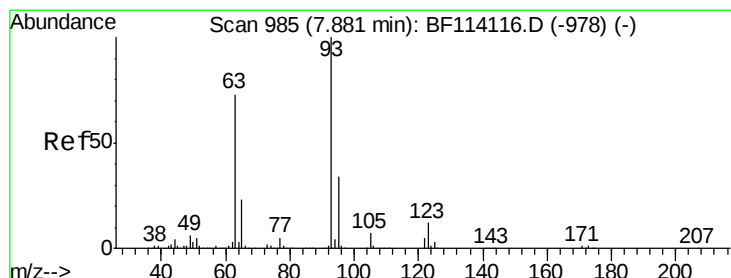
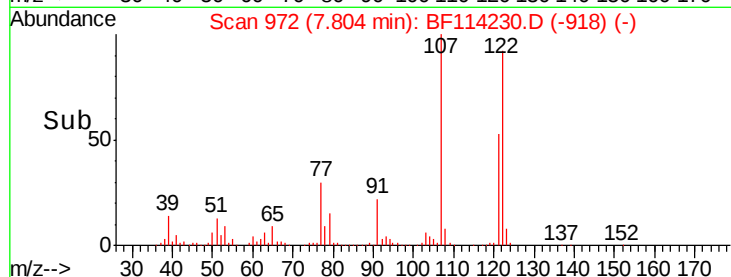
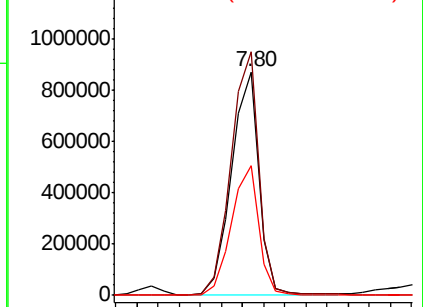
121 58.1 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.554 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

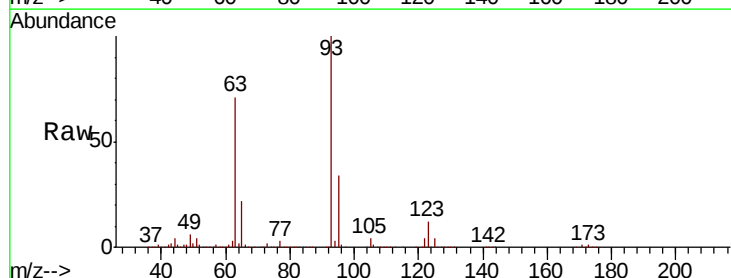
Tgt Ion: 93 Resp: 1113514

Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

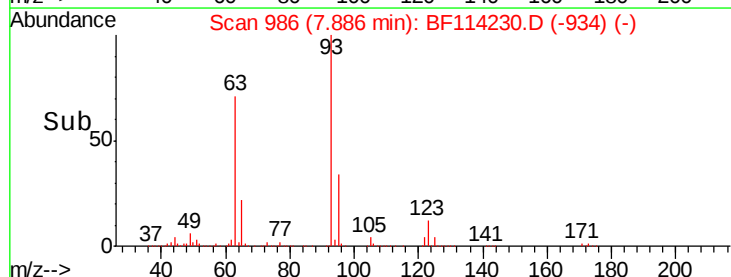
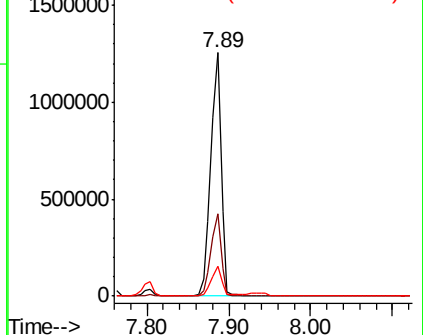
123 12.1 9.5 14.3

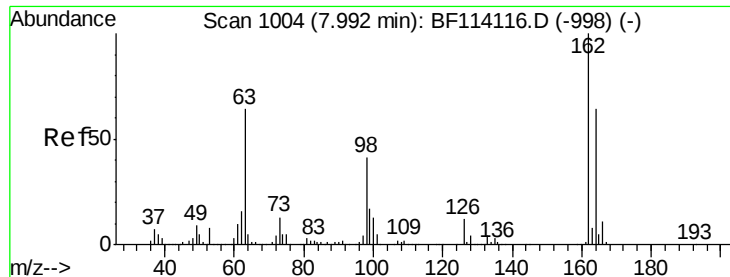


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

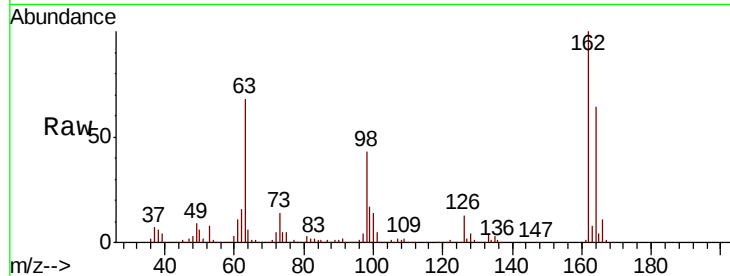




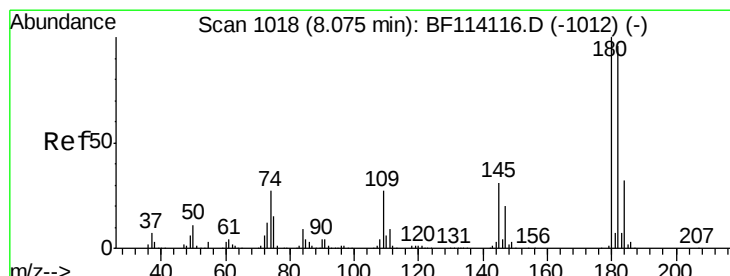
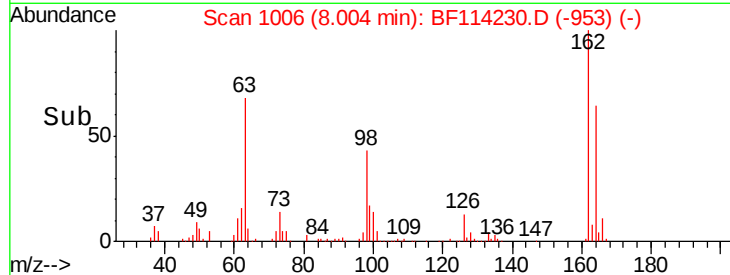
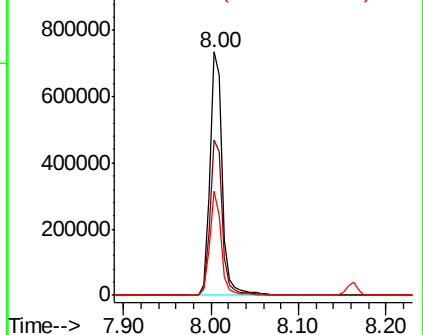
#29
 2,4-Dichlorophenol
 Concen: 56.049 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	42.6	20.6	60.6

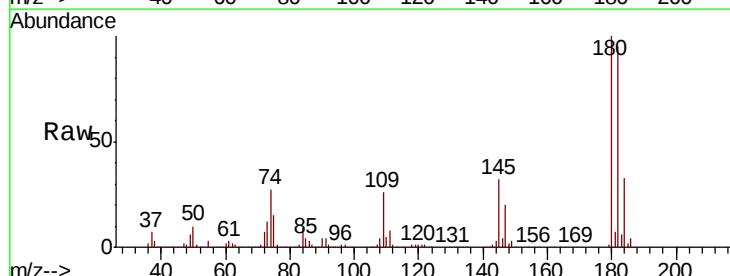


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

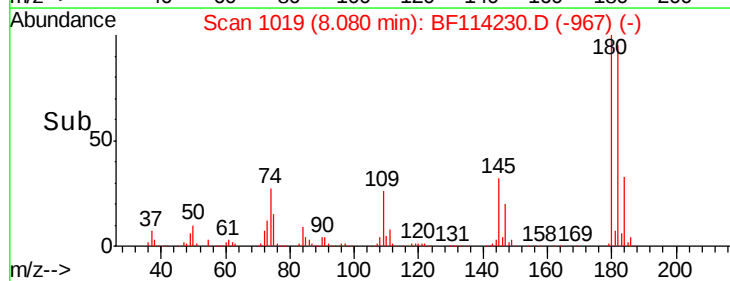
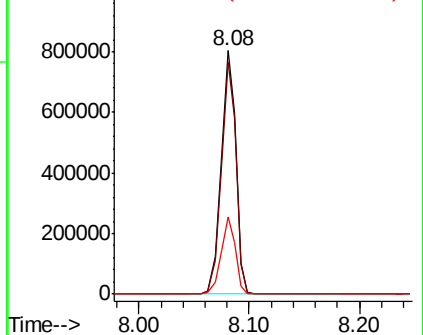


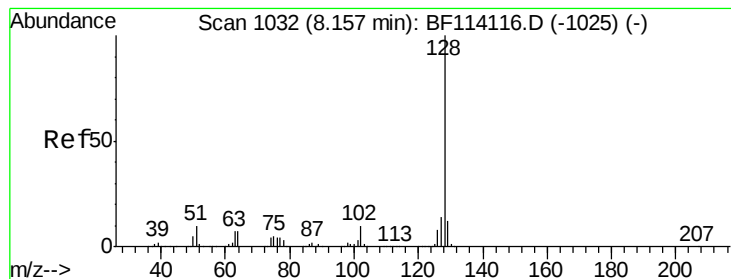
#30
 1,2,4-Trichlorobenzene
 Concen: 51.134 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	31.5	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.475 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

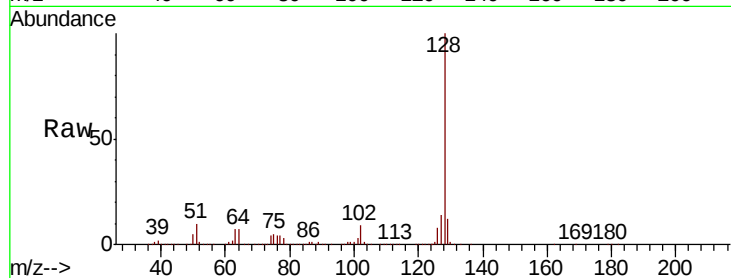
Tgt Ion:128 Resp: 2378646

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

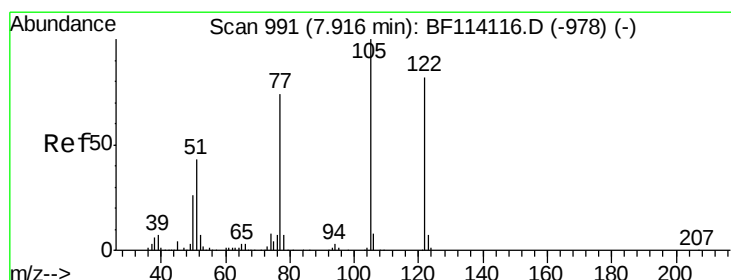
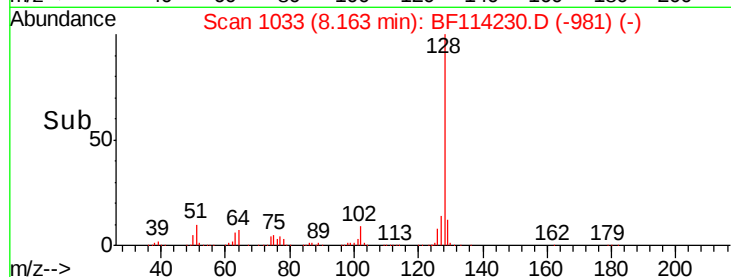
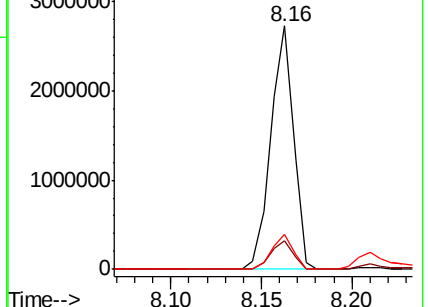
127 14.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.500 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.03 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

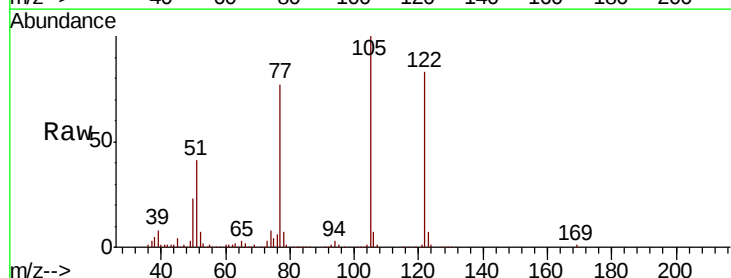
Tgt Ion:122 Resp: 523414

Ion Ratio Lower Upper

122 100

105 120.4 99.9 139.9

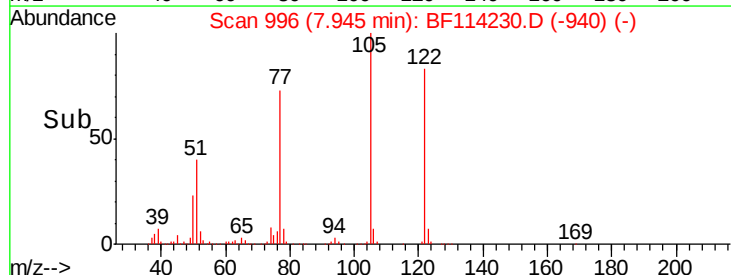
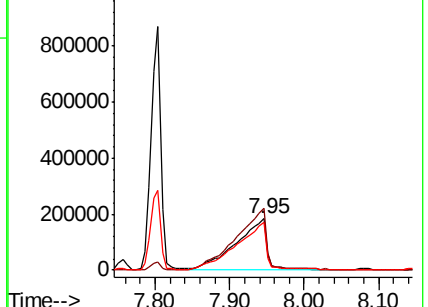
77 92.4 69.4 109.4

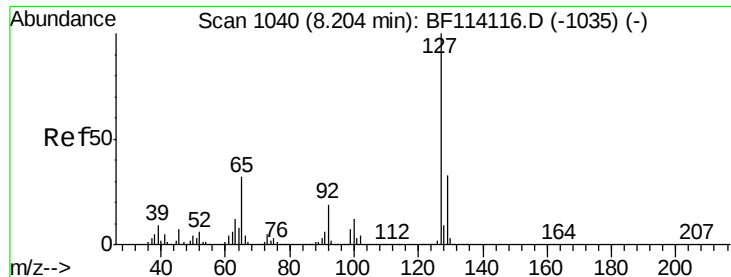


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

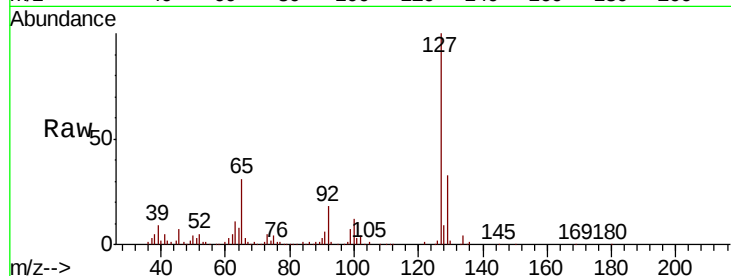




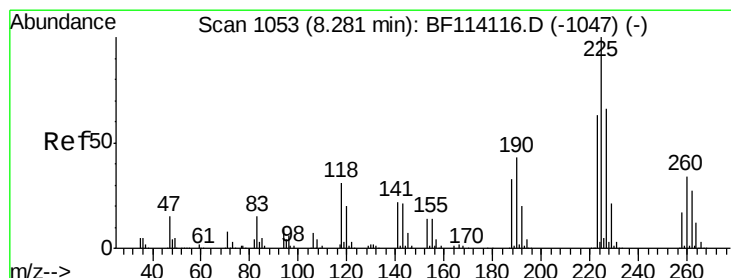
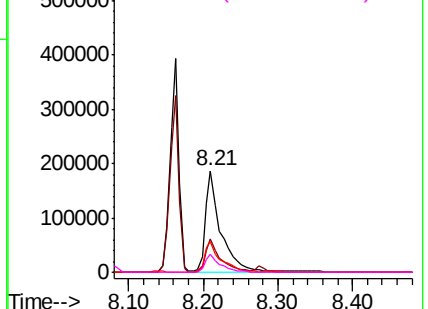
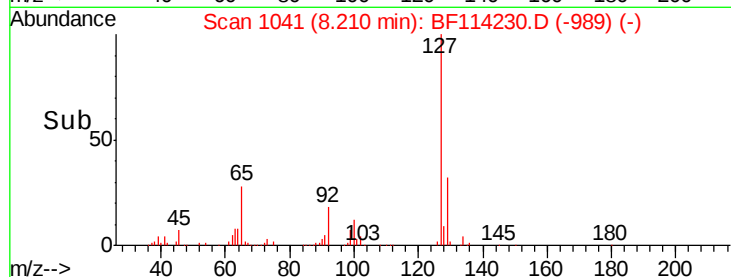
#33
4-Chloroaniline
Concen: 13.535 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tgt Ion:	127	Resp:	269312
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.7	40.1
65	30.7	25.4	38.0
92	17.9	15.4	23.2

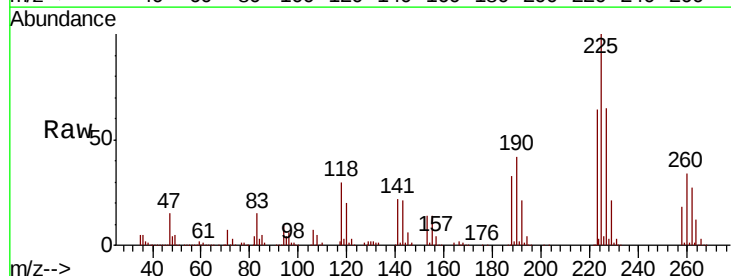


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

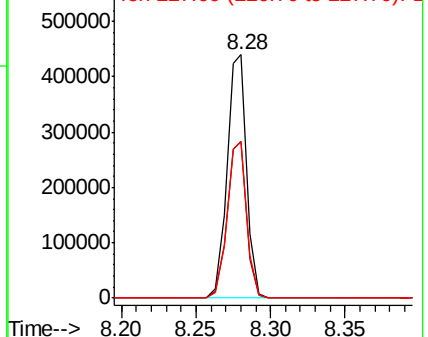
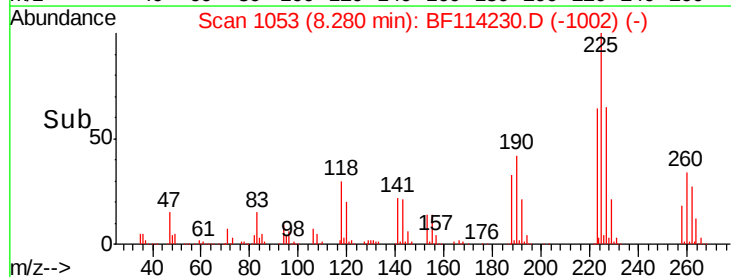


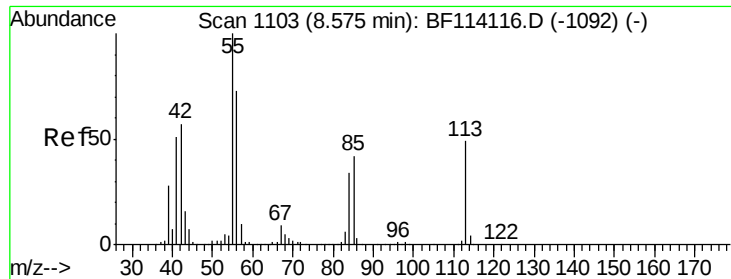
#34
Hexachlorobutadiene
Concen: 49.124 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:	225	Resp:	409136
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.2
227	64.5	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

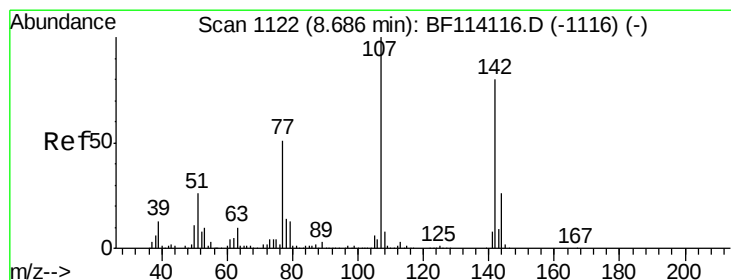
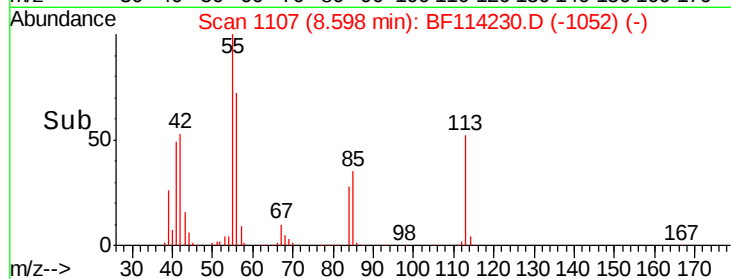
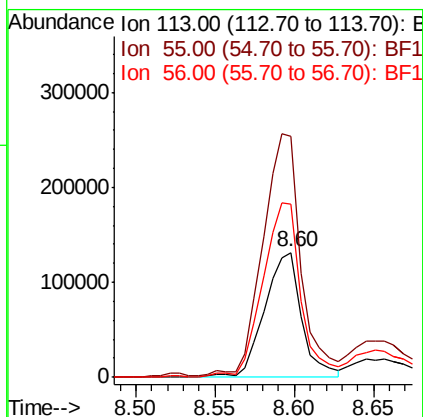
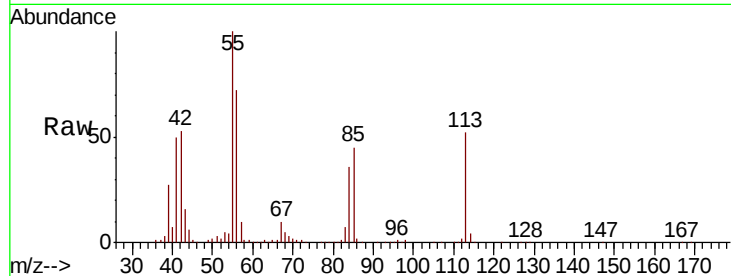




#35
Caprolactam
Concen: 51.029 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

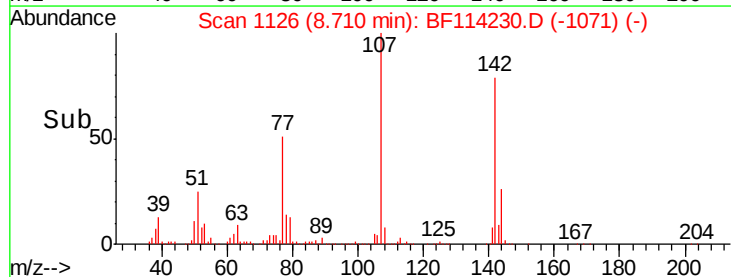
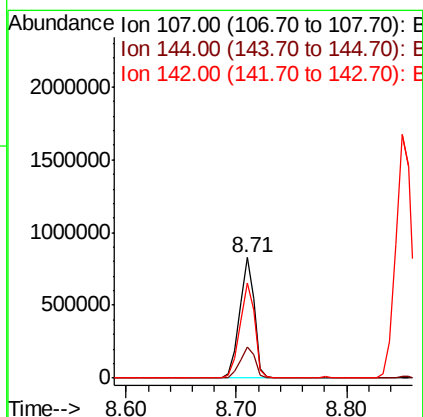
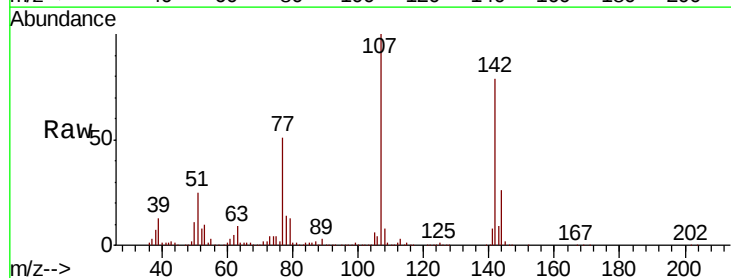
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

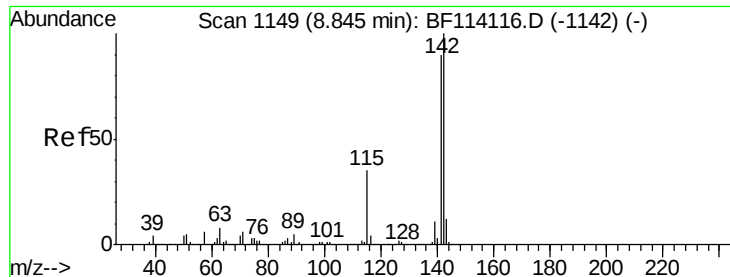
Tgt Ion:113 Resp: 214187
Ion Ratio Lower Upper
113 100
55 193.3 183.5 223.5
56 138.5 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 60.340 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:107 Resp: 781837
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 78.8 64.2 96.4

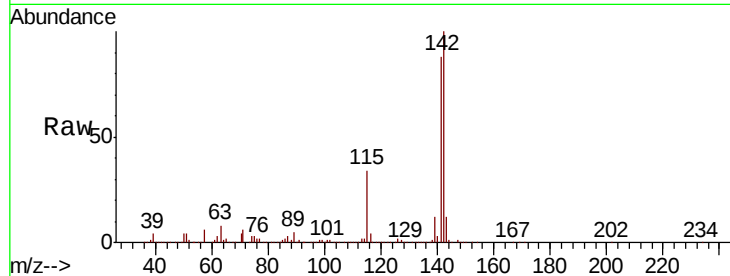




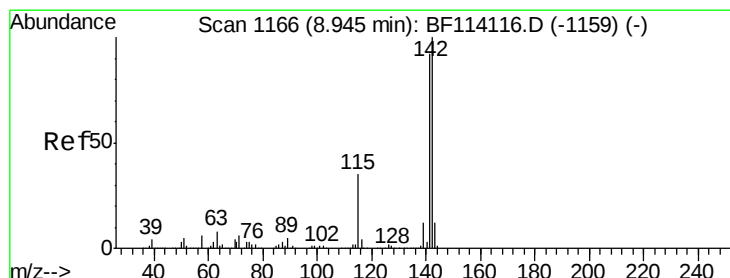
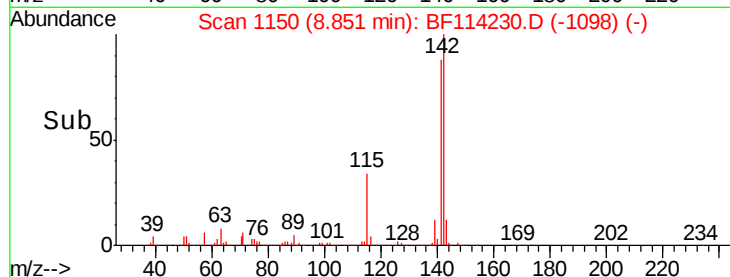
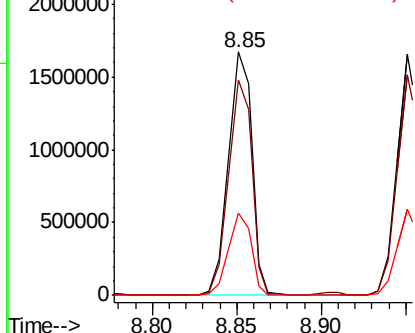
#37
 2-Methylnaphthalene
 Concen: 57.343 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tgt Ion:142 Resp: 1615495
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.1 108.1
 115 33.9 28.0 42.0

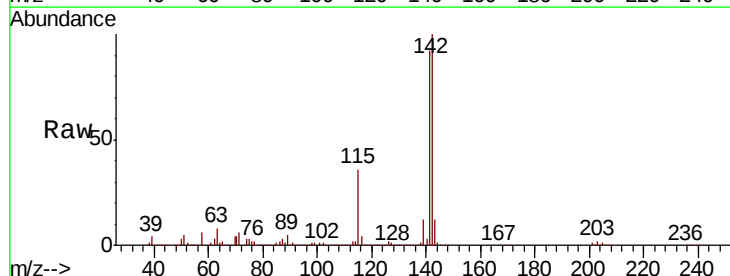


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

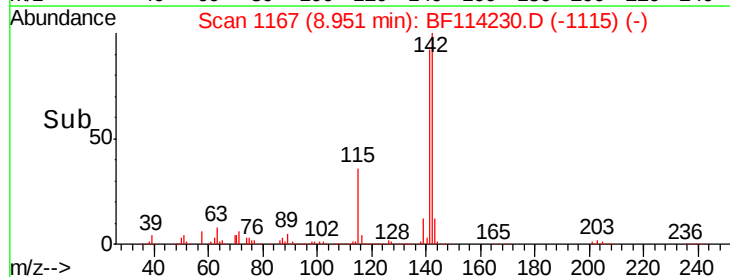
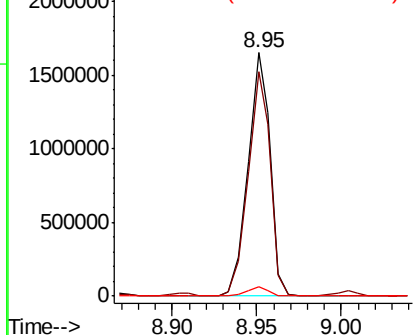


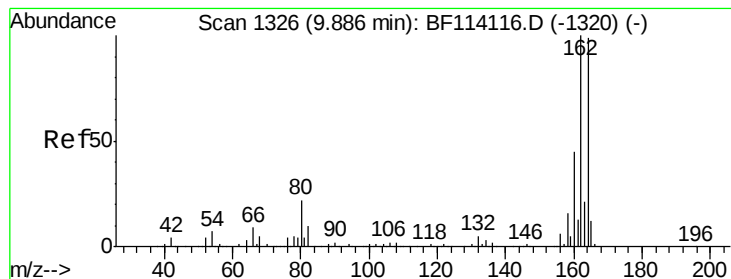
#38
 1-Methylnaphthalene
 Concen: 56.863 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion:142 Resp: 1508620
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.4 110.0
 116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

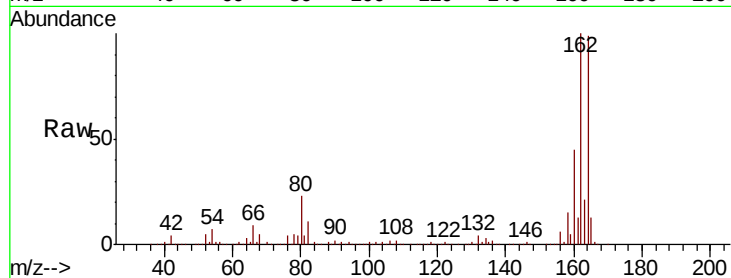
Tgt Ion:164 Resp: 449097

Ion Ratio Lower Upper

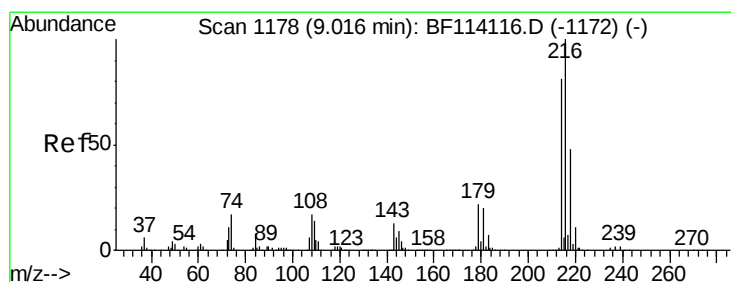
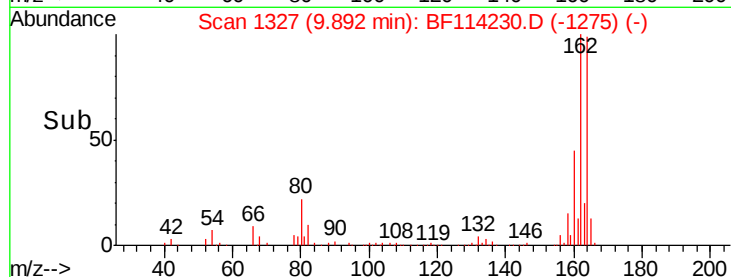
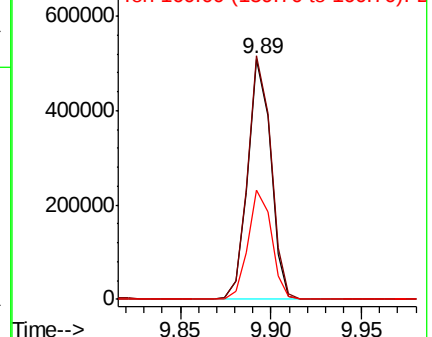
164 100

162 101.4 80.6 120.8

160 45.7 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.202 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Tgt Ion:216 Resp: 723765

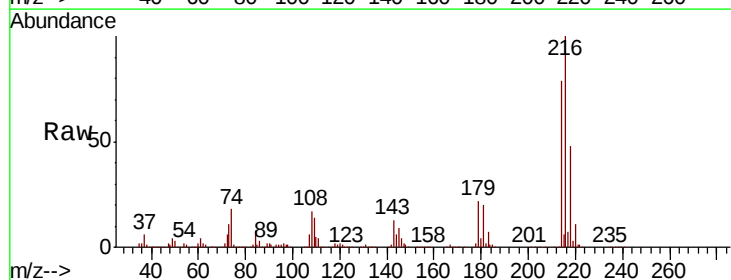
Ion Ratio Lower Upper

216 100

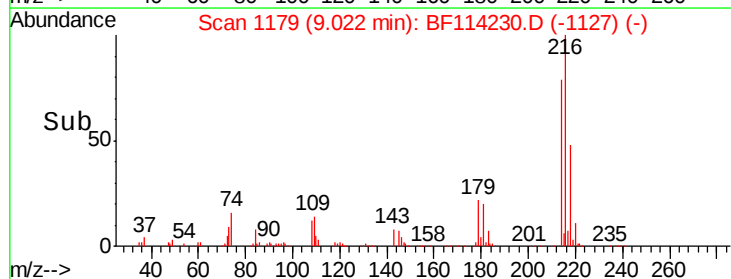
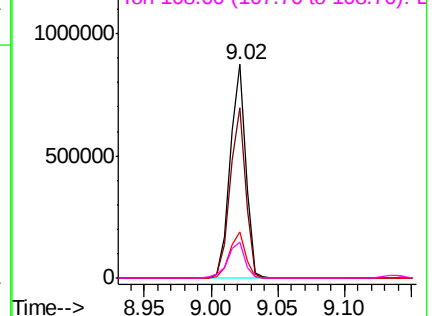
214 79.4 63.9 95.9

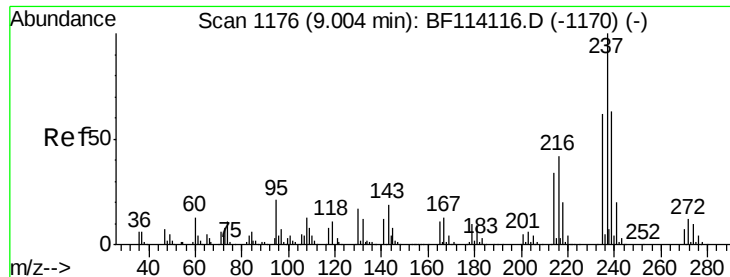
179 21.6 17.0 25.6

108 18.7 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.787 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

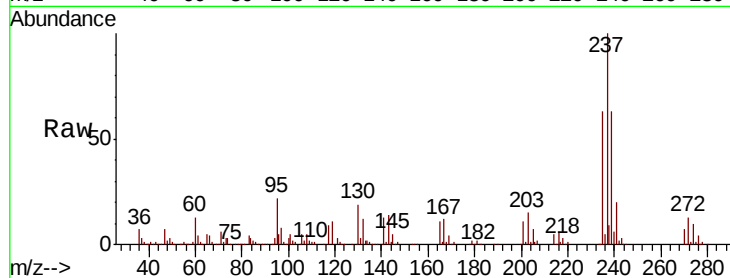
Tgt Ion: 237 Resp: 230901

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

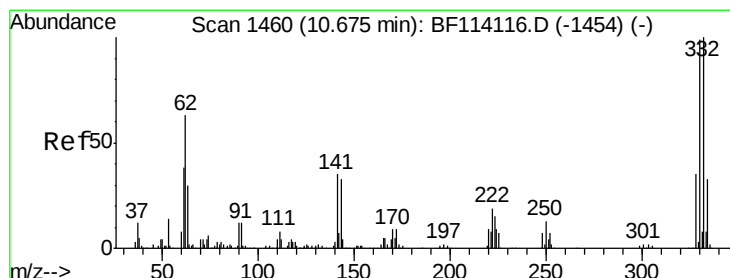
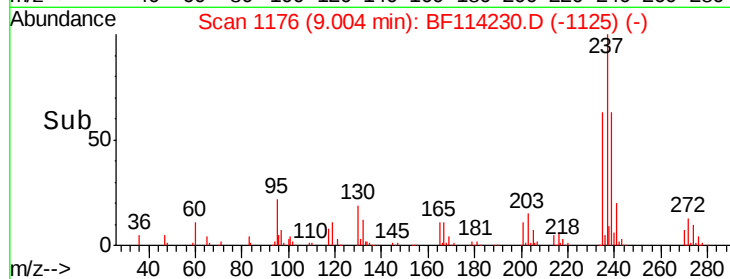
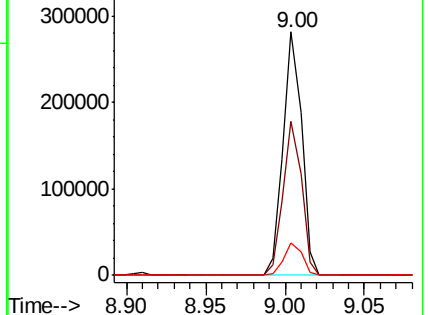
272 13.1 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.138 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

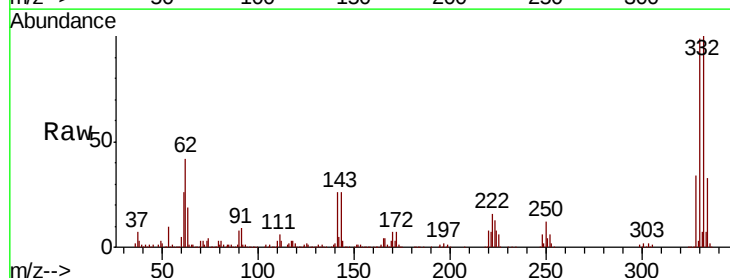
Tgt Ion: 330 Resp: 632076

Ion Ratio Lower Upper

330 100

332 101.0 81.4 122.2

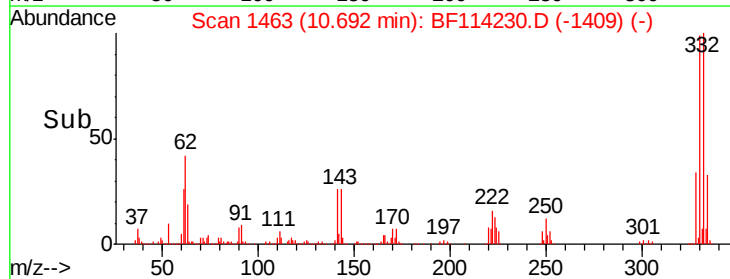
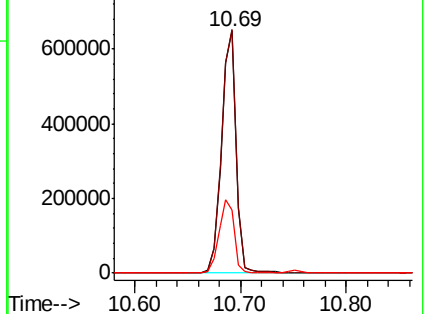
141 32.0 26.6 40.0

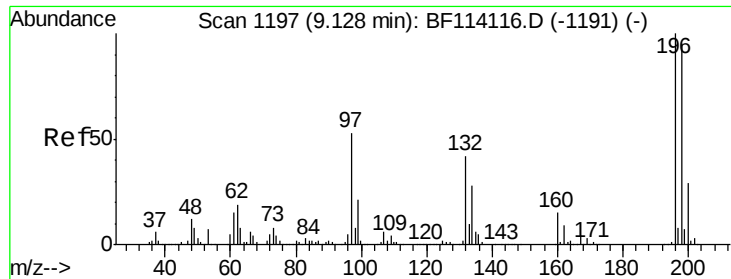


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

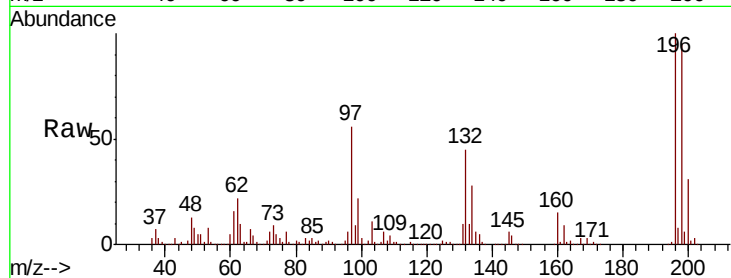




#43
 2,4,6-Trichlorophenol
 Concen: 55.230 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.9	113.9
200	30.9	23.5	35.3

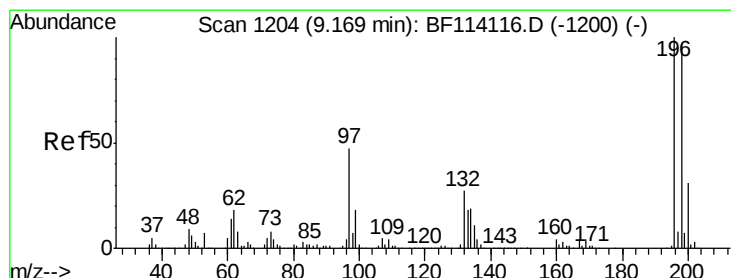
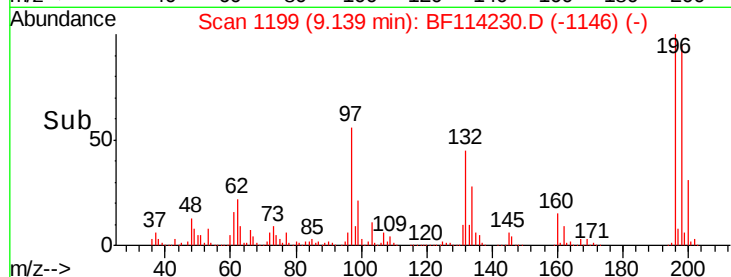
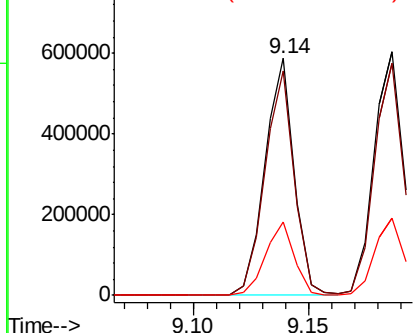


Abundance

Ion 196.00 (195.70 to 196.70): E

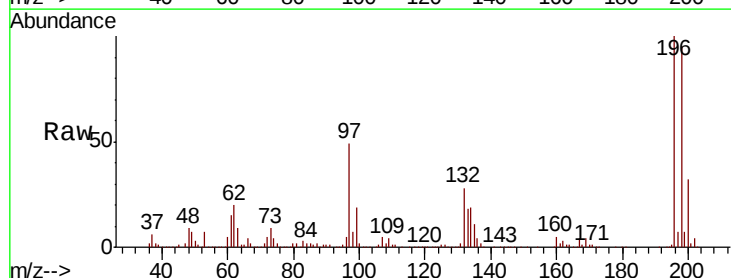
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 57.398 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.7	116.5
97	48.7	38.2	57.2
132	27.6	21.4	32.2



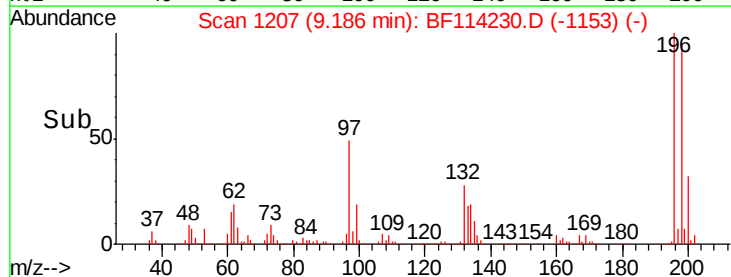
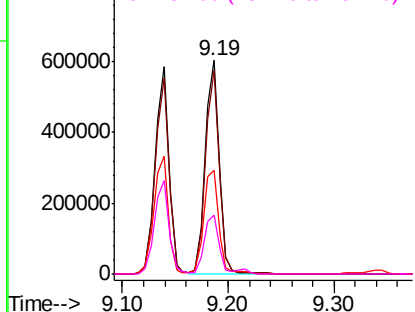
Abundance

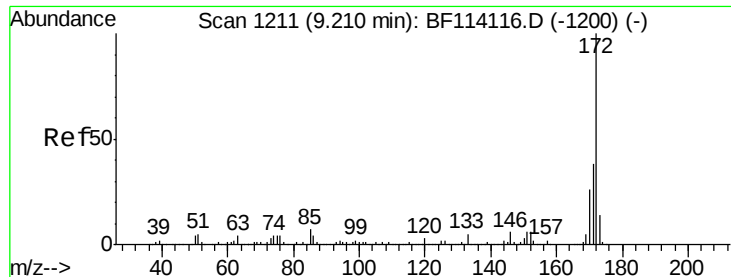
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

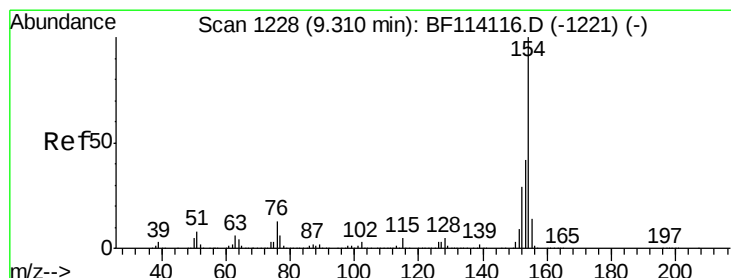
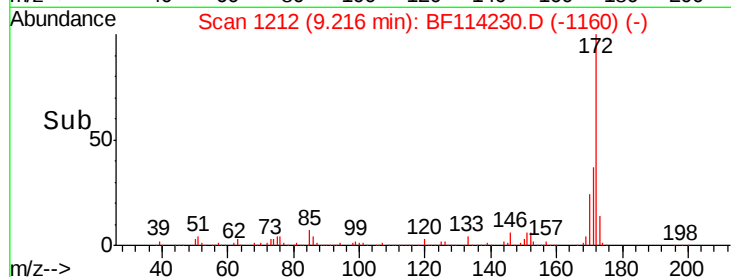
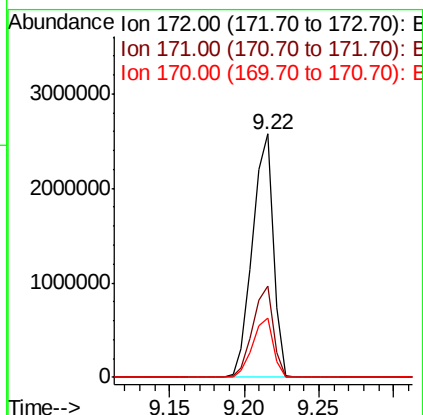
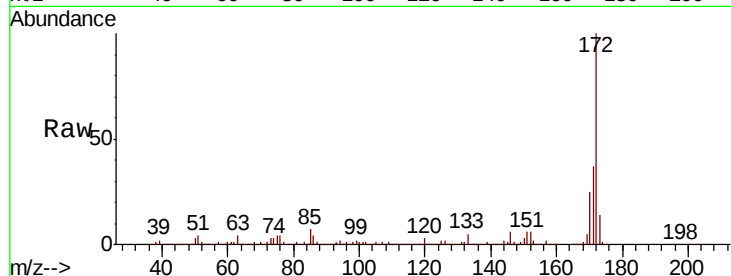




#45
 2-Fluorobiphenyl
 Concen: 83.739 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

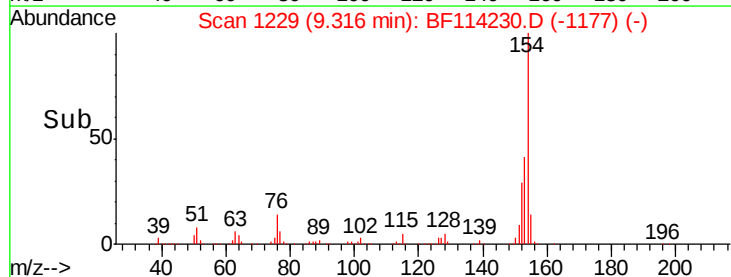
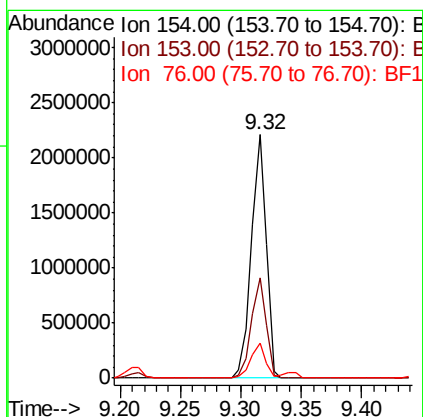
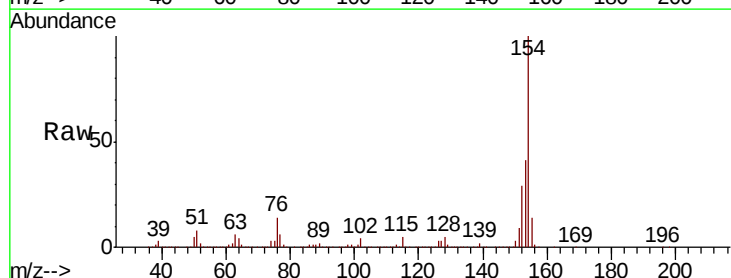
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

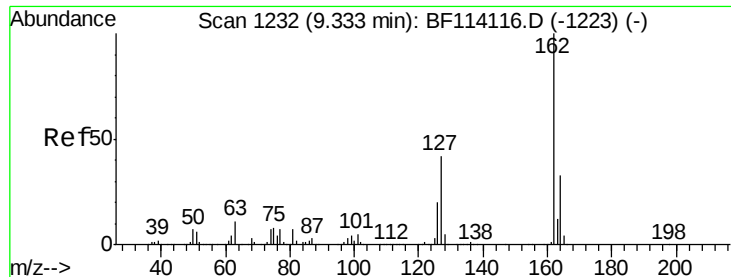
Tgt Ion:172 Resp: 2486128
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.7 46.1
 170 24.5 20.5 30.7



#46
 1,1'-Biphenyl
 Concen: 52.911 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion:154 Resp: 1919653
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.9 61.9
 76 14.1 0.0 32.8

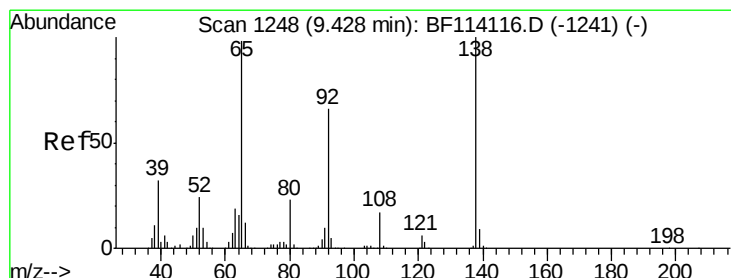
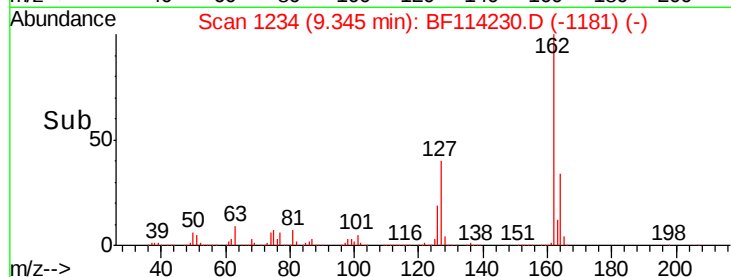
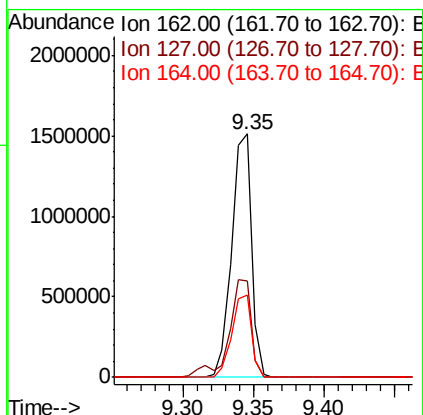
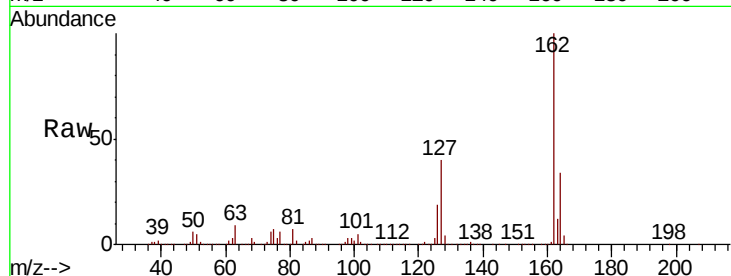




#47
 2-Chloronaphthalene
 Concen: 50.727 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

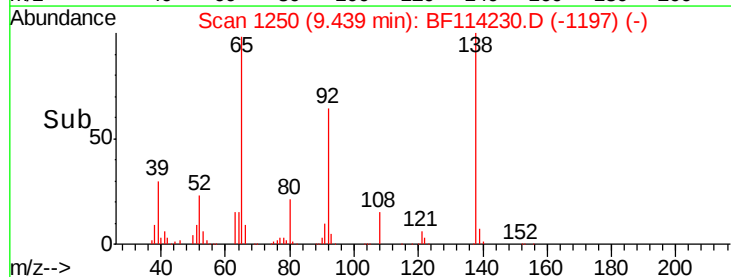
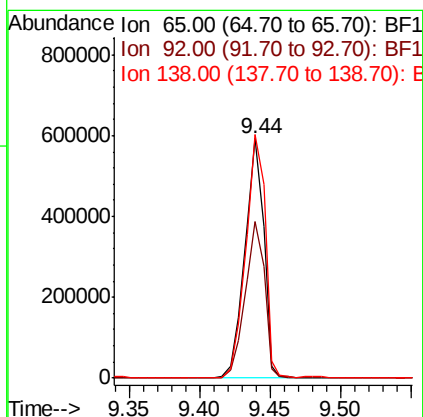
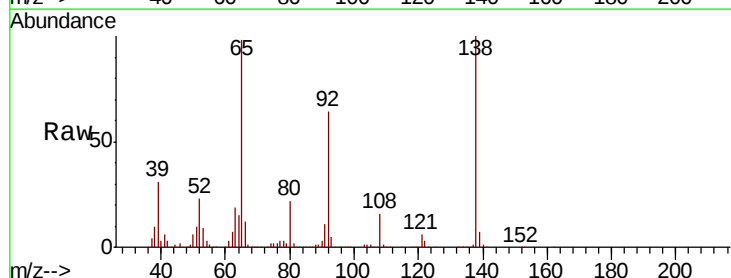
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

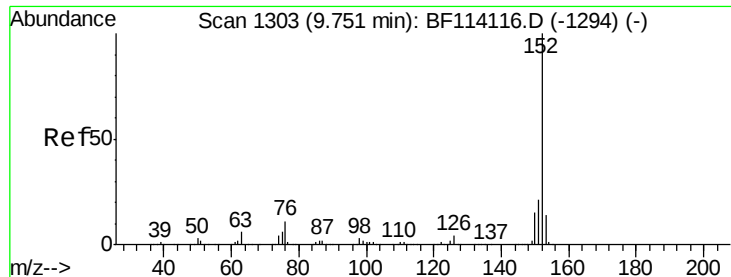
Tgt Ion: 162 Resp: 1481161
 Ion Ratio Lower Upper
 162 100
 127 39.8 34.0 51.0
 164 33.6 26.7 40.1



#48
 2-Nitroaniline
 Concen: 53.545 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion: 65 Resp: 554467
 Ion Ratio Lower Upper
 65 100
 92 65.5 53.9 80.9
 138 101.8 81.4 122.0





#49

Acenaphthylene

Concen: 55.240 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

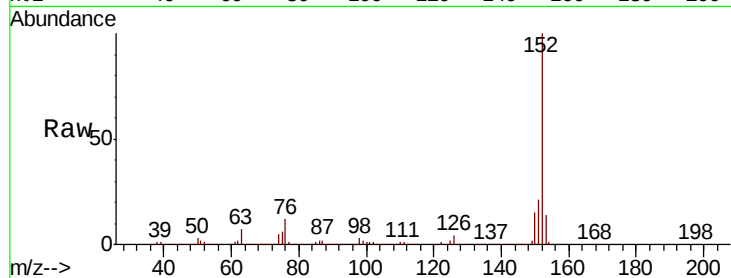
Tgt Ion:152 Resp: 2453178

Ion Ratio Lower Upper

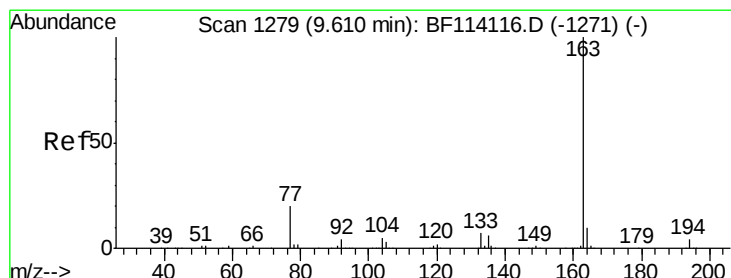
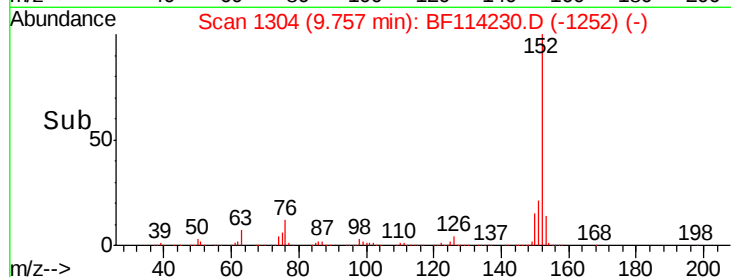
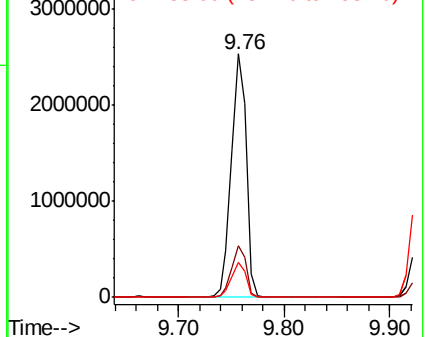
152 100

151 21.1 16.8 25.2

153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 63.920 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

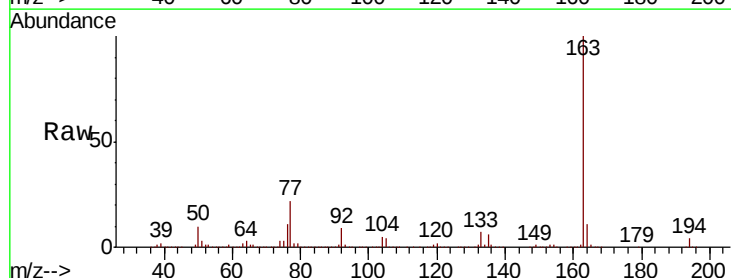
Tgt Ion:163 Resp: 2107319

Ion Ratio Lower Upper

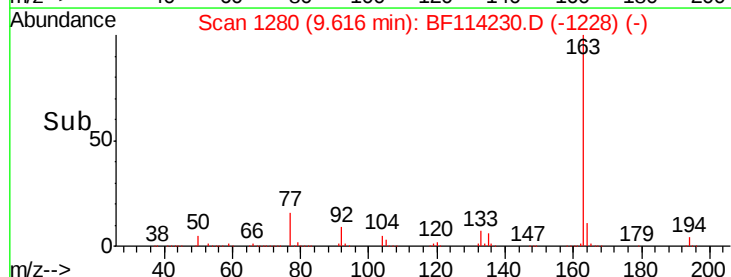
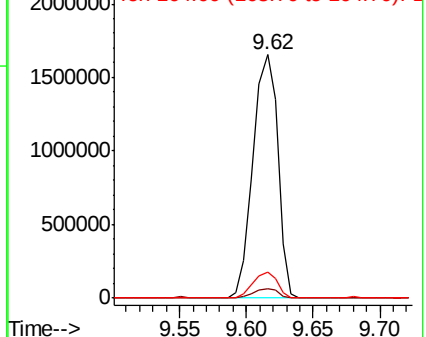
163 100

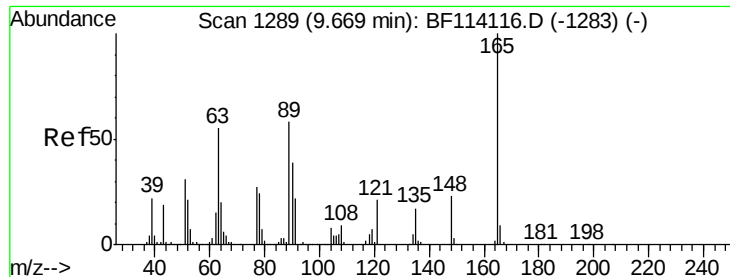
194 4.0 3.4 5.0

164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

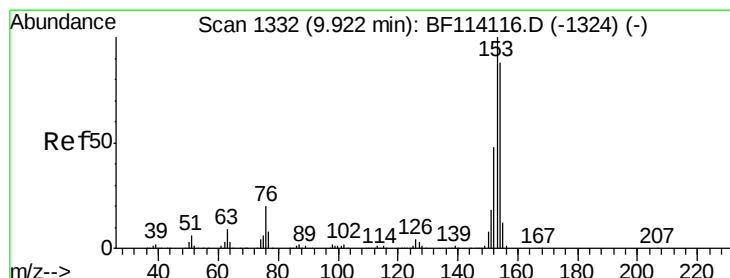
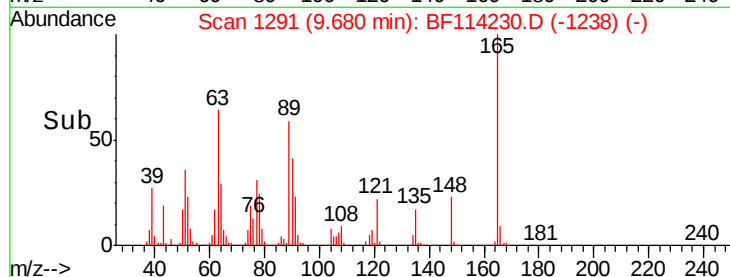
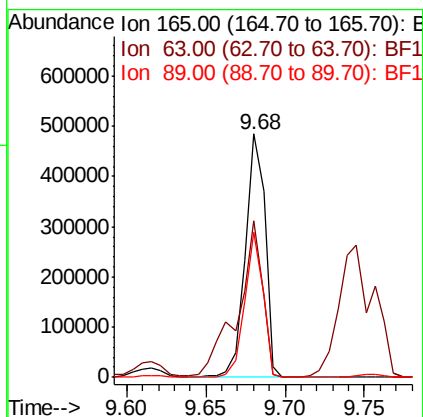
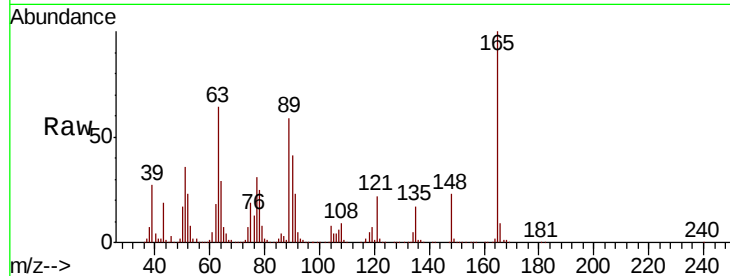




#51
 2,6-Dinitrotoluene
 Concen: 56.851 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

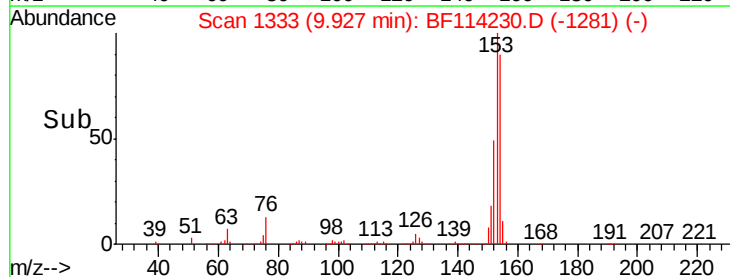
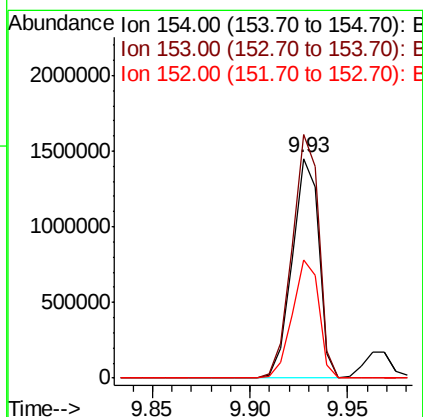
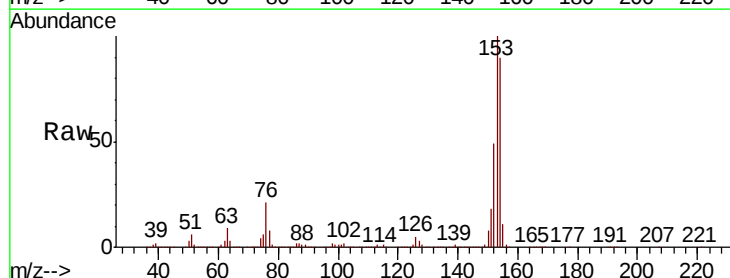
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

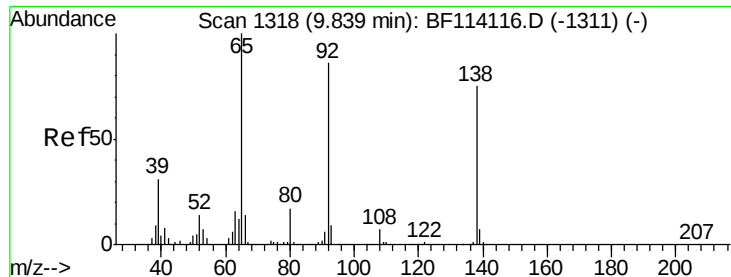
Tgt Ion:165 Resp: 415712
 Ion Ratio Lower Upper
 165 100
 63 64.4 50.2 75.4
 89 59.5 46.6 69.8



#52
 Acenaphthene
 Concen: 50.483 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion:154 Resp: 1375733
 Ion Ratio Lower Upper
 154 100
 153 110.7 90.5 135.7
 152 53.7 43.4 65.2

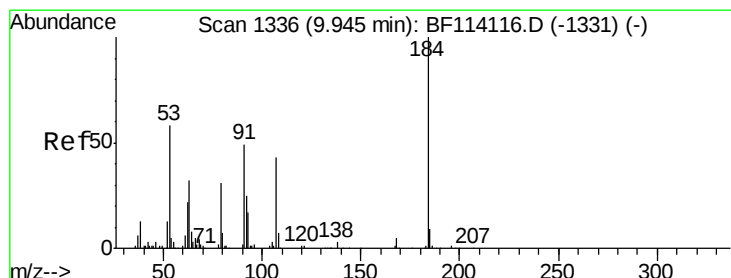
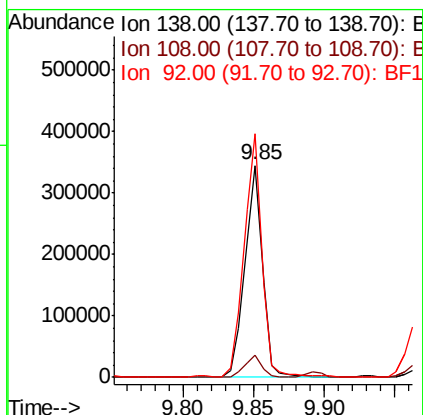
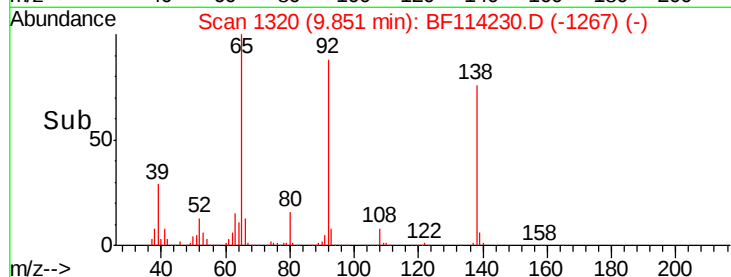
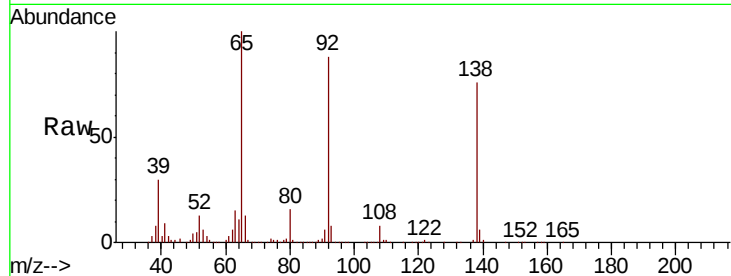




#53
3-Nitroaniline
Concen: 33.344 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

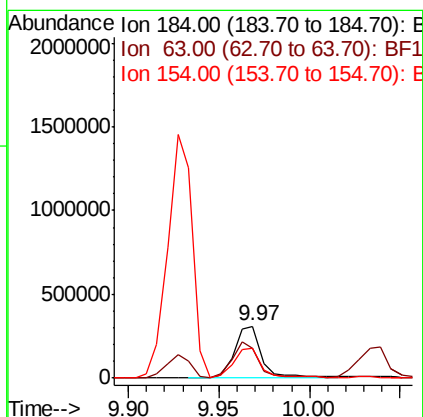
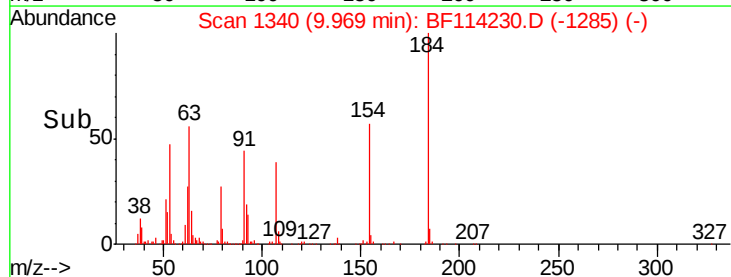
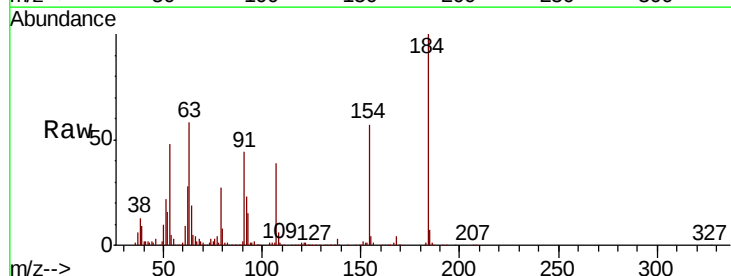
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

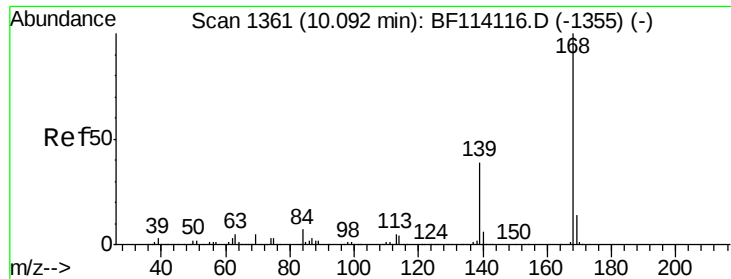
Tgt Ion:138 Resp: 302669
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 115.1 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 87.792 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:184 Resp: 325439
Ion Ratio Lower Upper
184 100
63 58.0 55.6 83.4
154 56.8 46.0 69.0

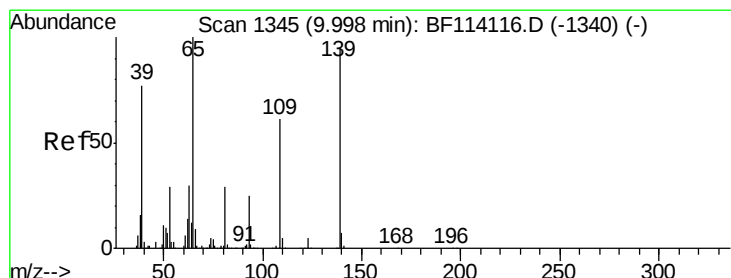
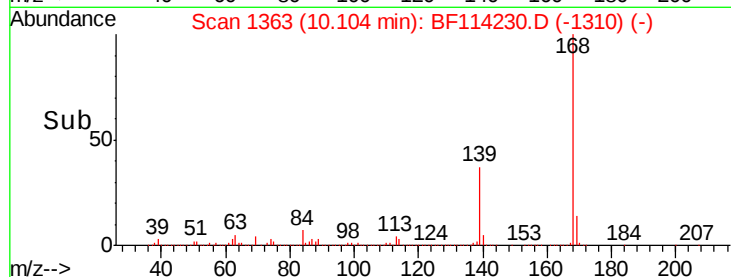
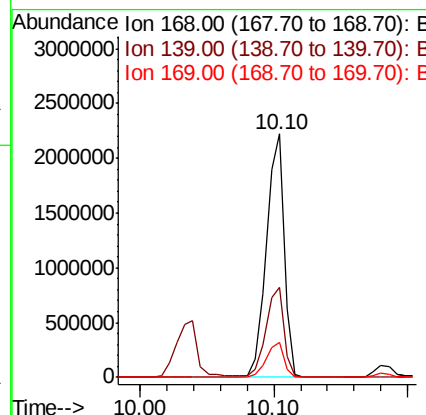
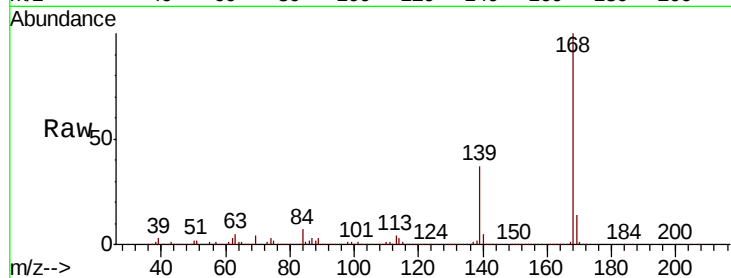




#55
Dibenzofuran
Concen: 50.570 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

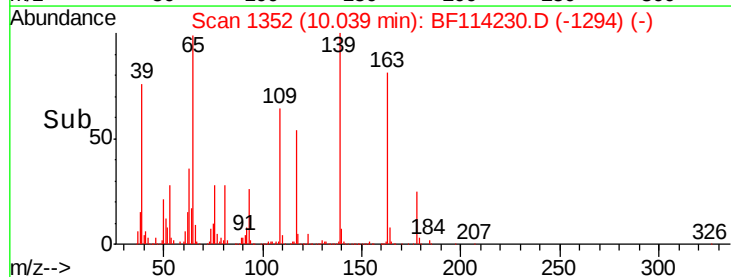
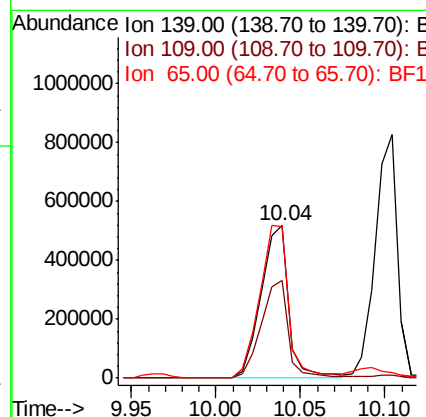
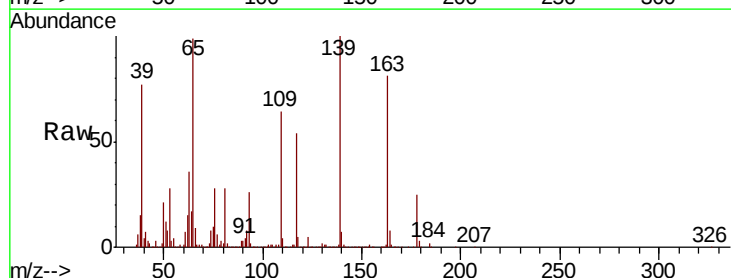
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

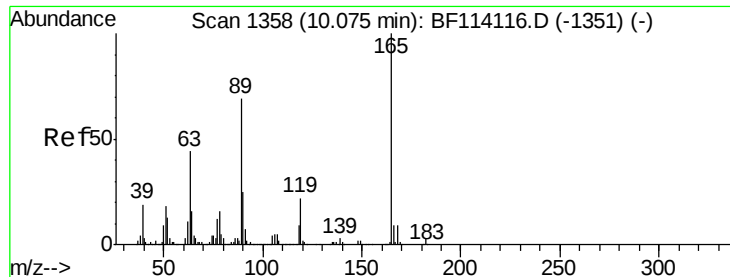
Tgt Ion:168 Resp: 2020790
Ion Ratio Lower Upper
168 100
139 37.2 31.1 46.7
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 92.091 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.04 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:139 Resp: 591149
Ion Ratio Lower Upper
139 100
109 63.7 43.9 83.9
65 99.2 85.7 125.7

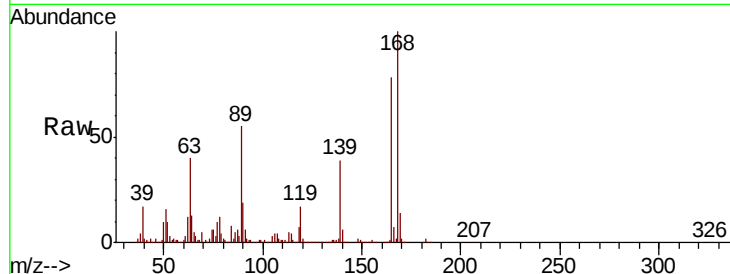




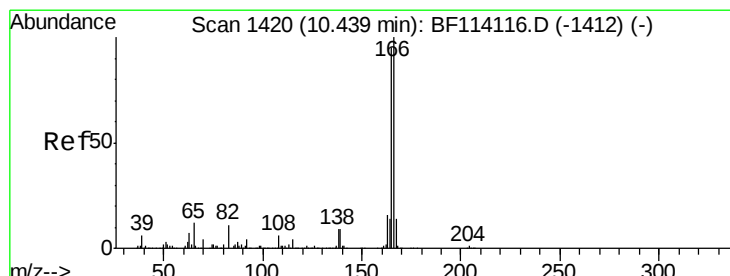
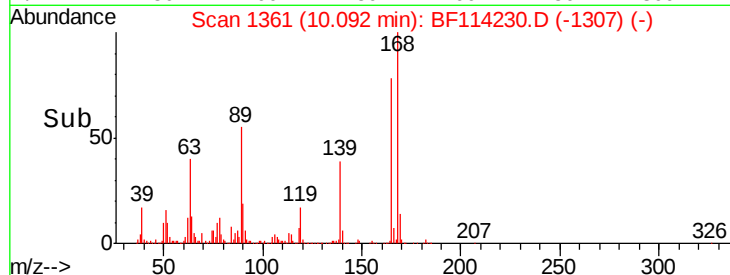
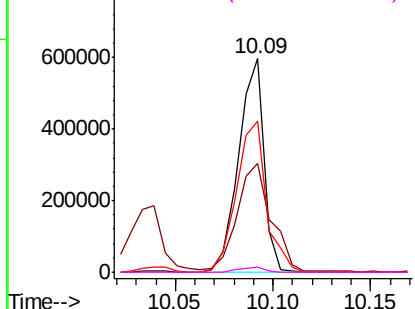
#57
2,4-Dinitrotoluene
Concen: 53.814 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tgt Ion:165 Resp: 534101
Ion Ratio Lower Upper
165 100
63 51.2 35.5 53.3
89 70.9 55.2 82.8
182 2.6 2.2 3.2

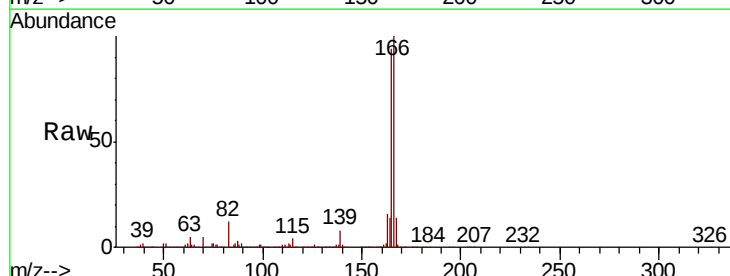


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

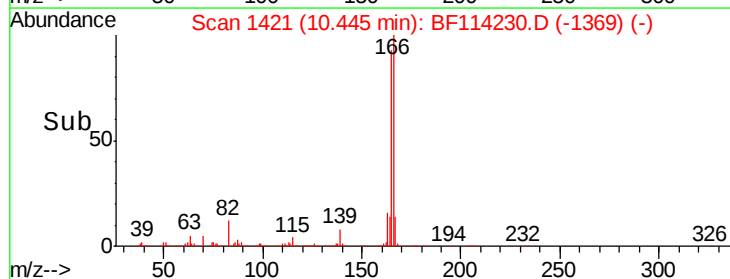
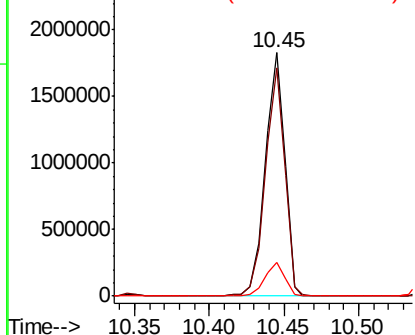


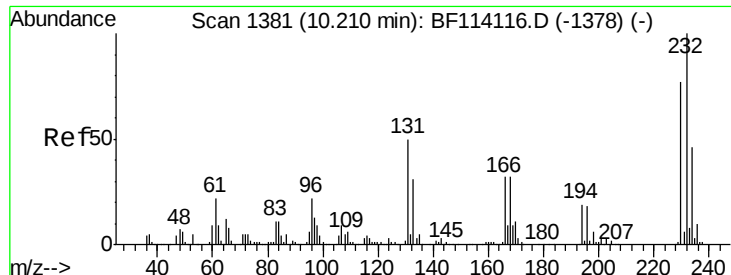
#58
Fluorene
Concen: 52.765 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:166 Resp: 1628620
Ion Ratio Lower Upper
166 100
165 93.5 76.1 114.1
167 13.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

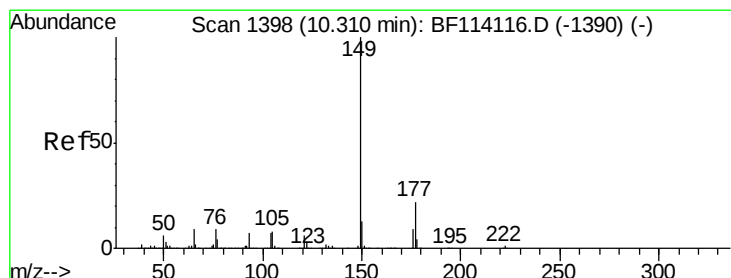
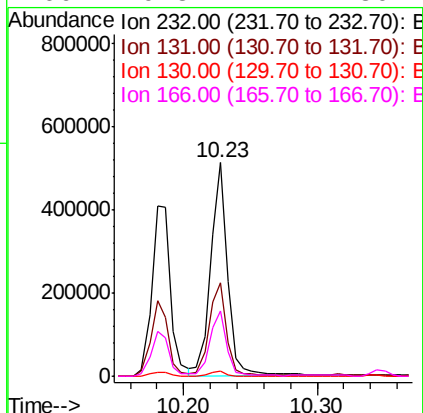
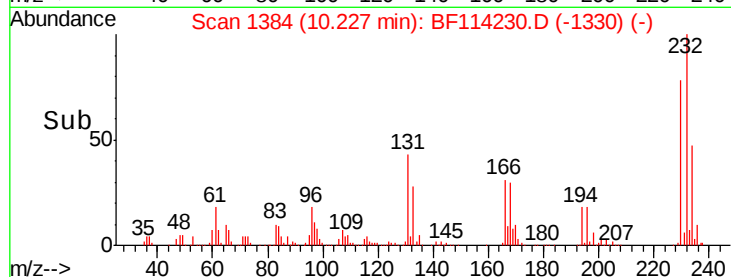
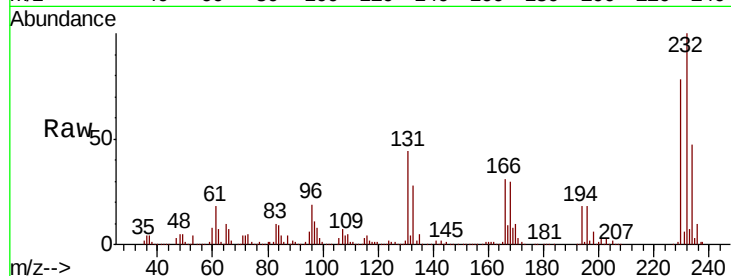




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.376 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

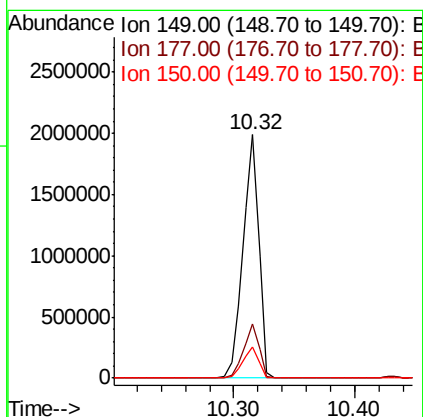
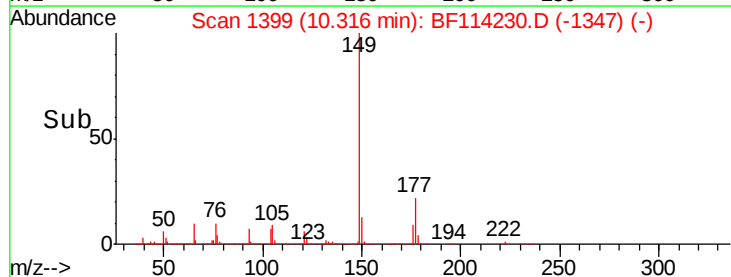
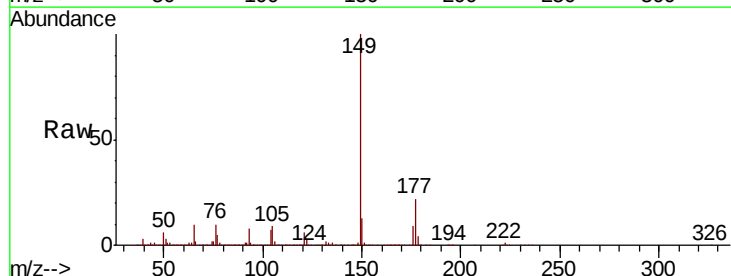
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

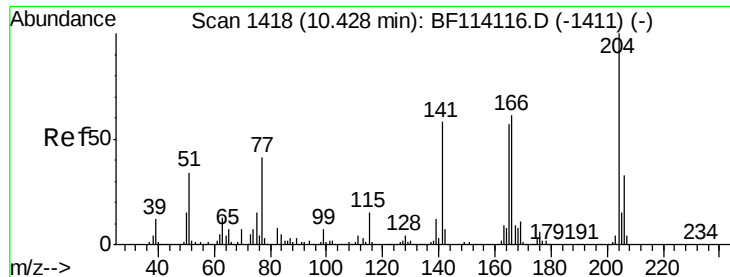
Tgt Ion:	232	Resp:	458518
Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.6	53.4
130	2.3	1.6	2.4
166	29.8	24.1	36.1



#60
 Diethylphthalate
 Concen: 54.508 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion:	149	Resp:	1825890
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.9	10.2	15.2

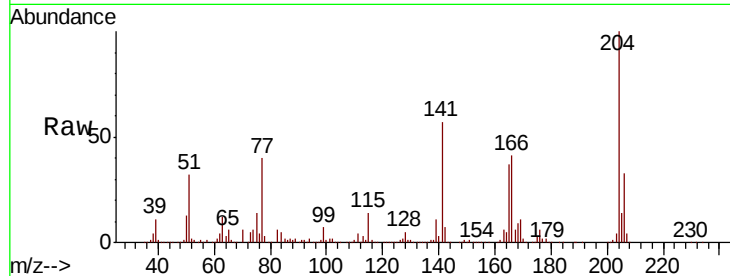




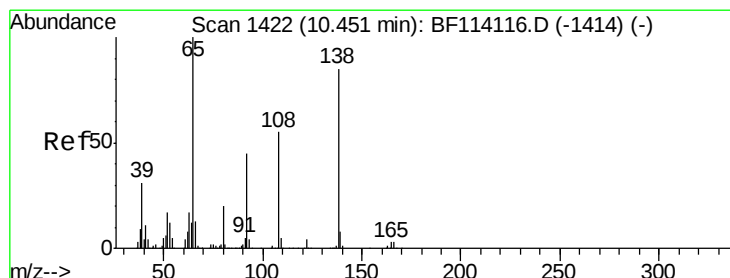
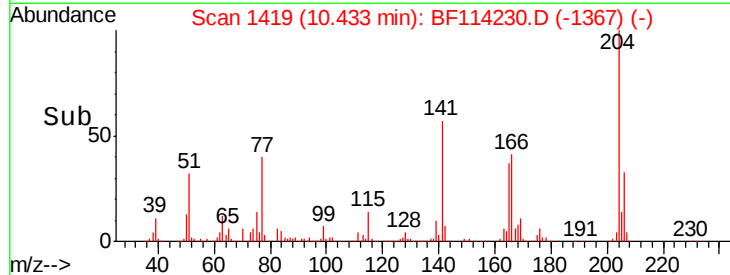
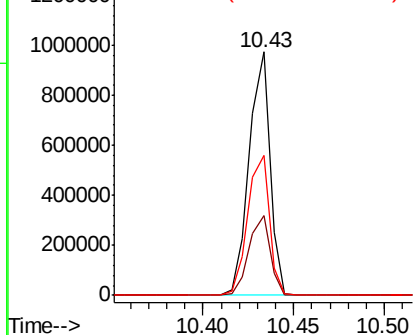
#61
4-Chlorophenyl-phenylether
Concen: 51.523 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tgt Ion: 204 Resp: 781076
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 57.4 46.4 69.6

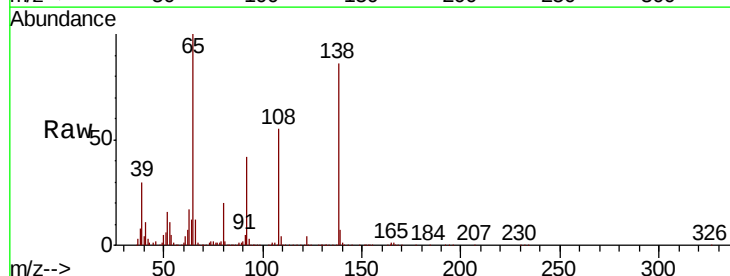


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

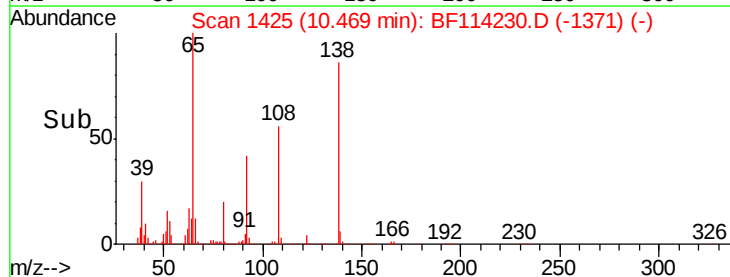
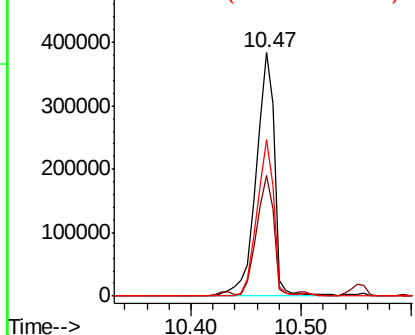


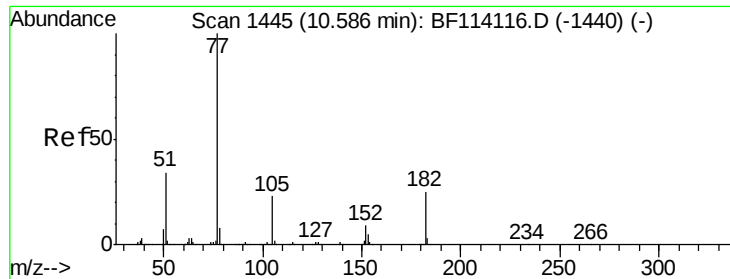
#62
4-Nitroaniline
Concen: 47.059 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion: 138 Resp: 448859
Ion Ratio Lower Upper
138 100
92 49.4 33.0 73.0
108 64.5 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 53.550 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

Tgt Ion: 77 Resp: 1736297

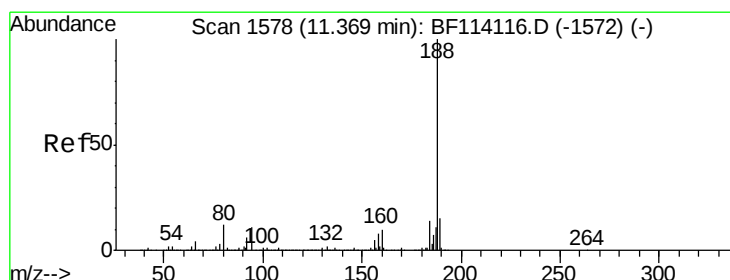
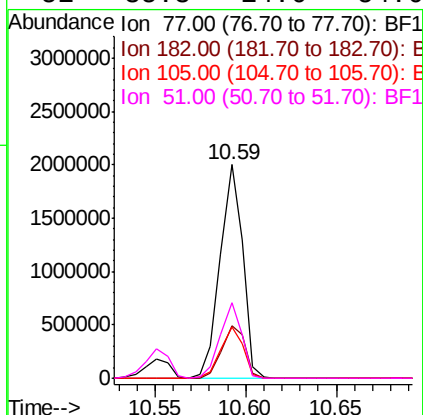
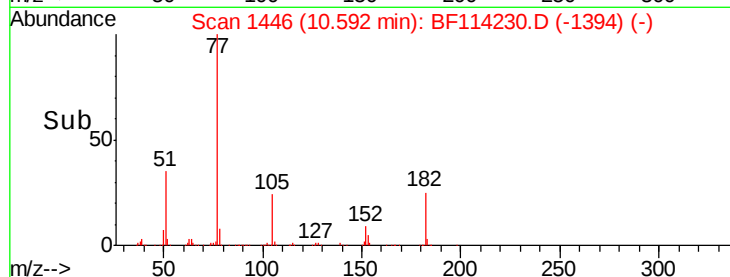
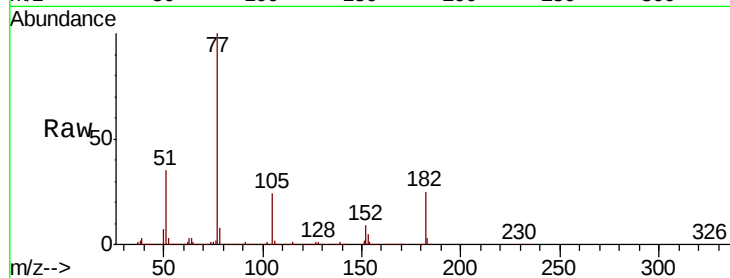
Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.7	44.7
105	23.8	2.9	42.9
51	35.3	14.6	54.6

77 100

182 24.8 4.7 44.7

105 23.8 2.9 42.9

51 35.3 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

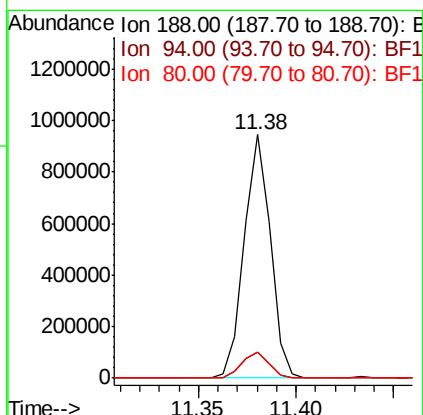
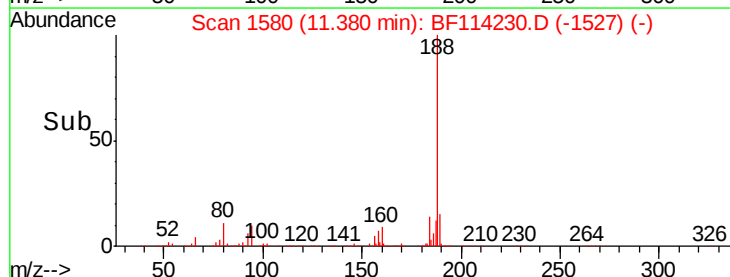
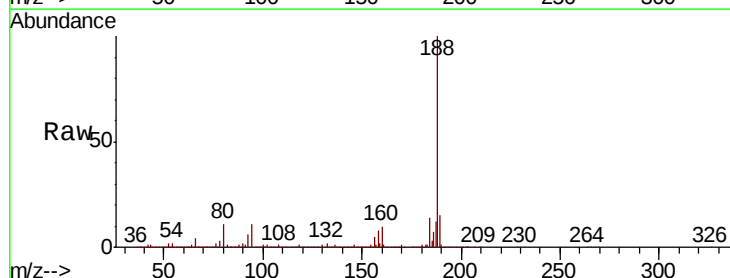
Tgt Ion: 188 Resp: 881540

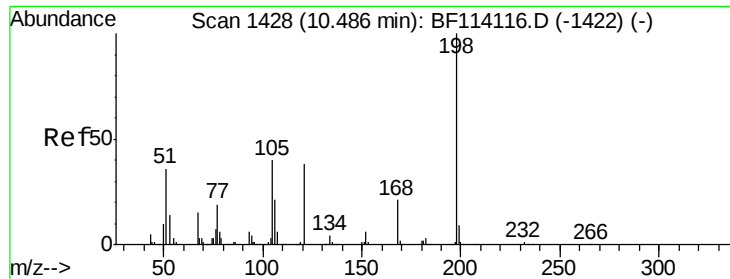
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	10.9	9.2	13.8

188 100

94 10.6 8.4 12.6

80 10.9 9.2 13.8

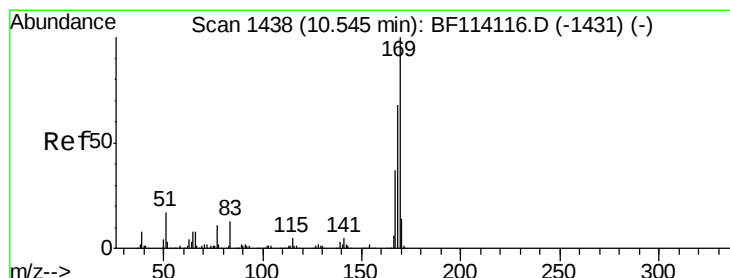
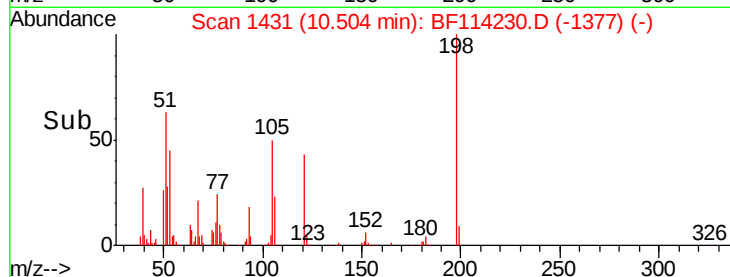
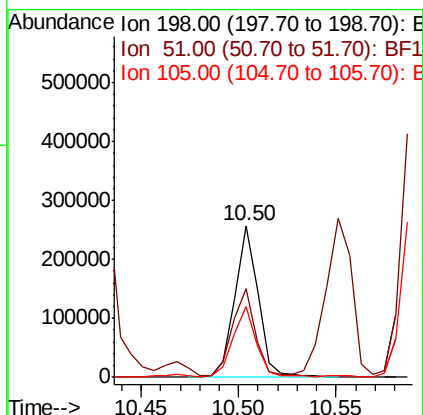
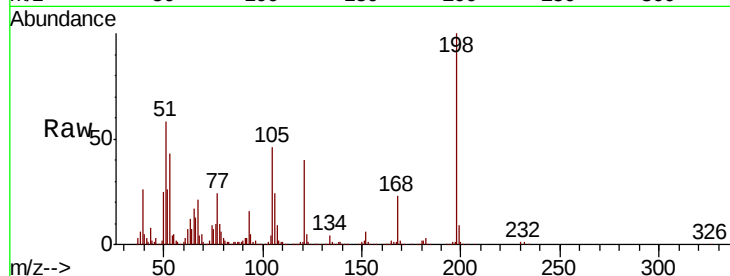




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.649 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.02 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

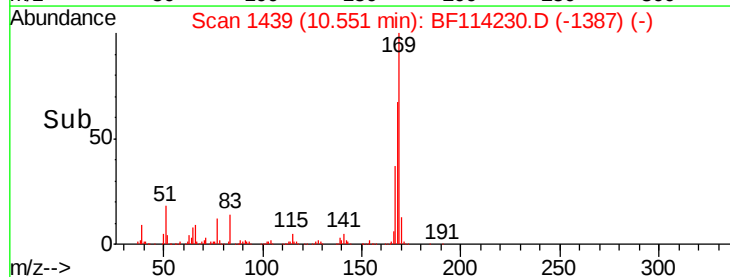
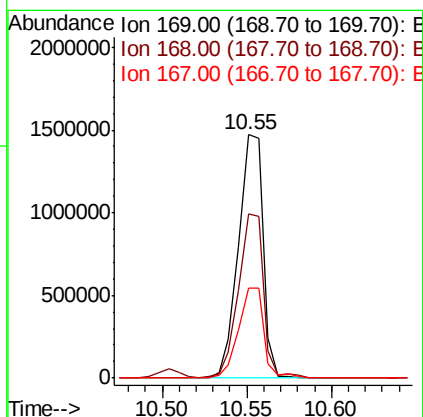
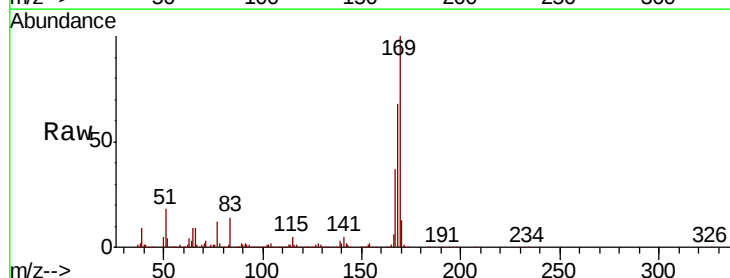
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

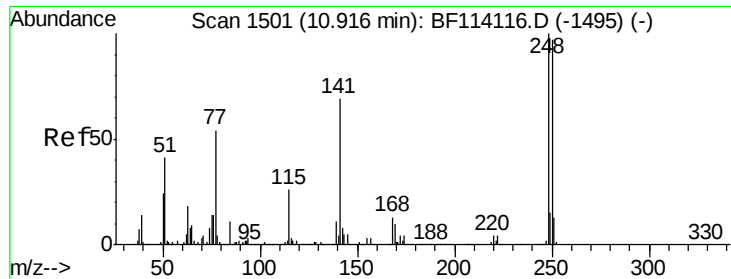
Tgt Ion:198 Resp: 214546
 Ion Ratio Lower Upper
 198 100
 51 58.2 28.0 68.0
 105 46.3 21.1 61.1



#66
 n-Nitrosodiphenylamine
 Concen: 55.821 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion:169 Resp: 1493498
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.2 81.2
 167 37.2 29.8 44.8

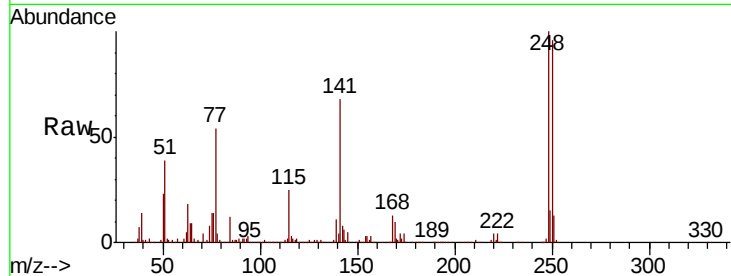




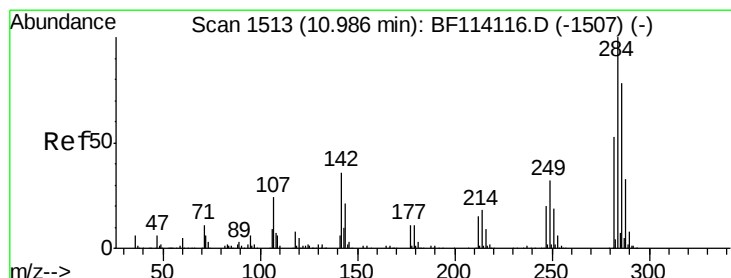
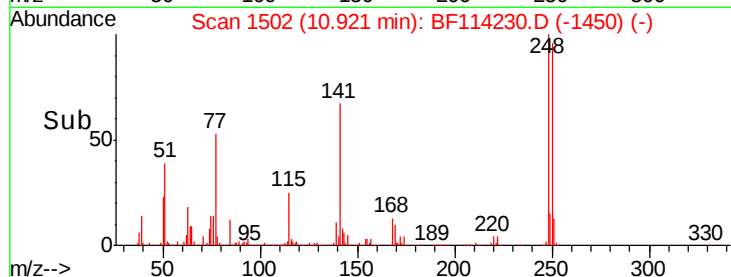
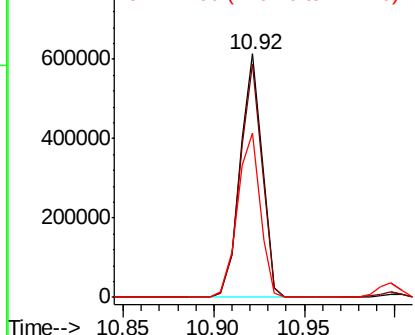
#67
4-Bromophenyl-phenylether
Concen: 53.332 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Tgt Ion:248 Resp: 517644
Ion Ratio Lower Upper
248 100
250 96.1 77.4 116.2
141 67.6 55.6 83.4

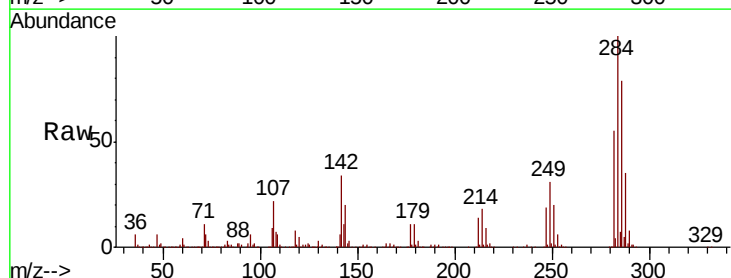


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

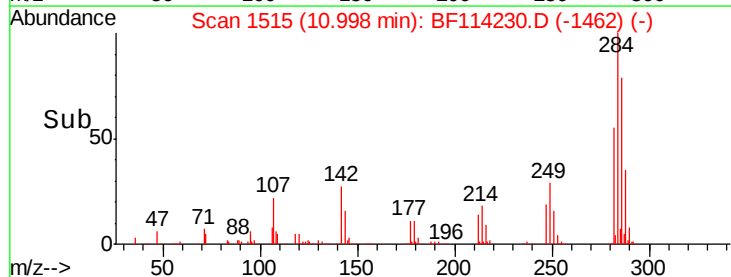
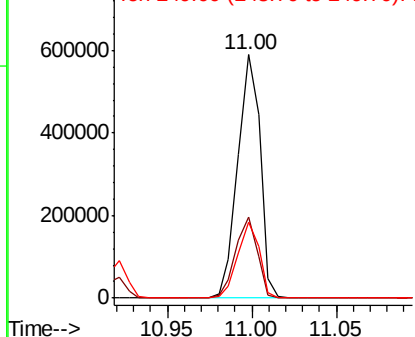


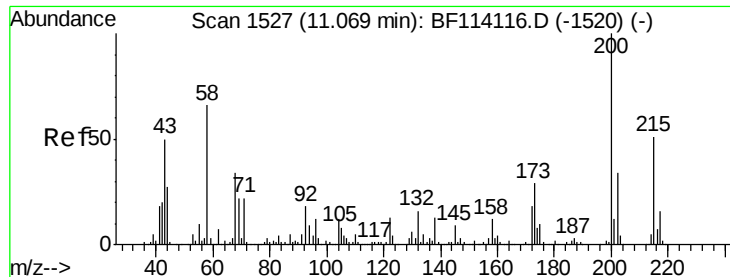
#68
Hexachlorobenzene
Concen: 50.630 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:284 Resp: 543641
Ion Ratio Lower Upper
284 100
142 33.5 28.4 42.6
249 31.0 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.850 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

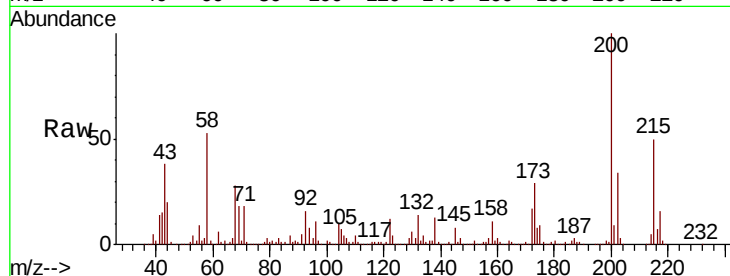
Tgt Ion:200 Resp: 473333

Ion Ratio Lower Upper

200 100

173 28.7 8.9 48.9

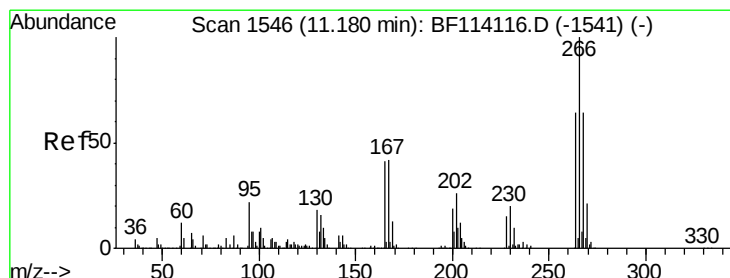
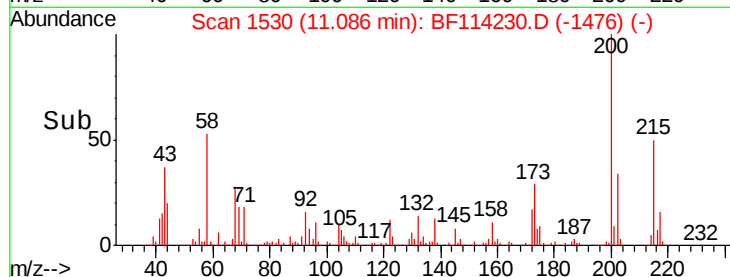
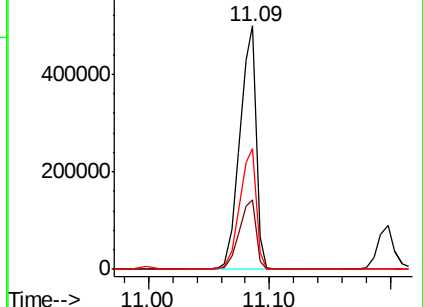
215 49.8 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.316 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

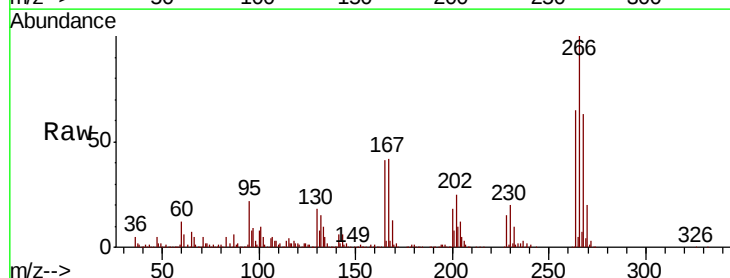
Tgt Ion:266 Resp: 530974

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

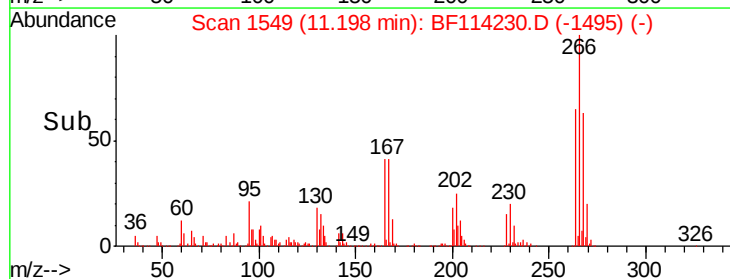
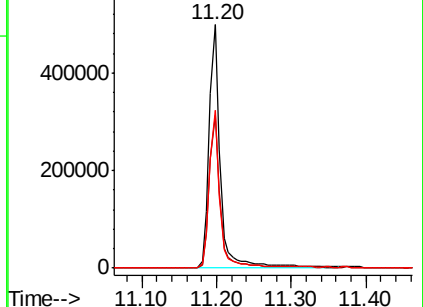
264 64.6 51.1 76.7

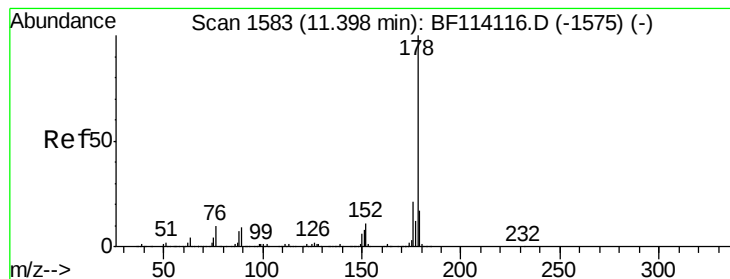


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 58.955 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

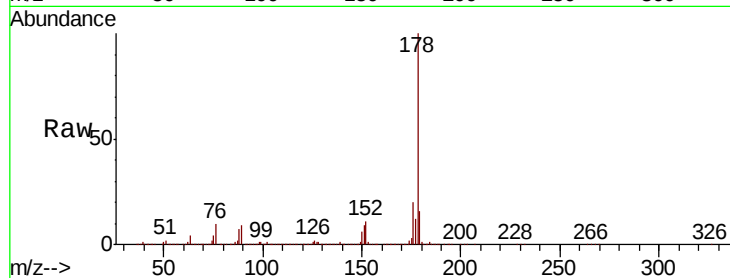
Tgt Ion:178 Resp: 2528464

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

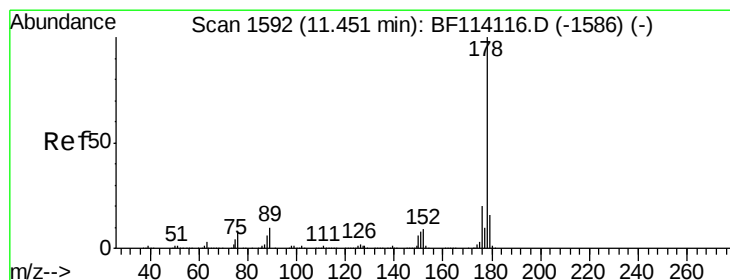
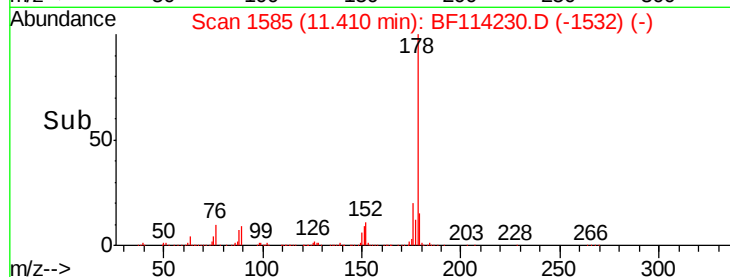
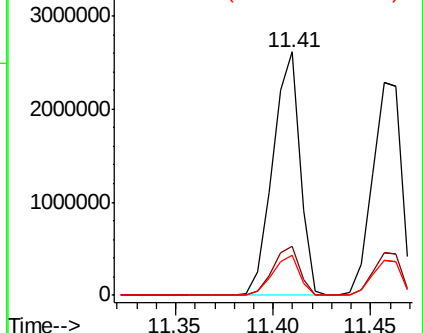
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.566 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

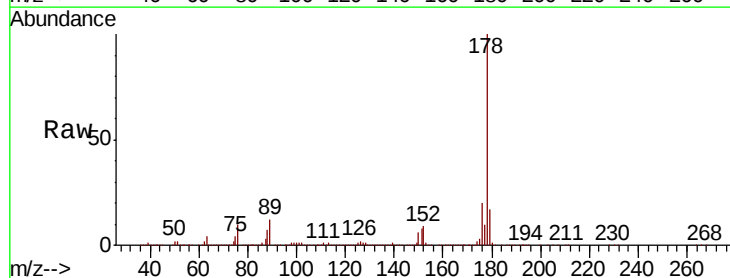
Tgt Ion:178 Resp: 2350572

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

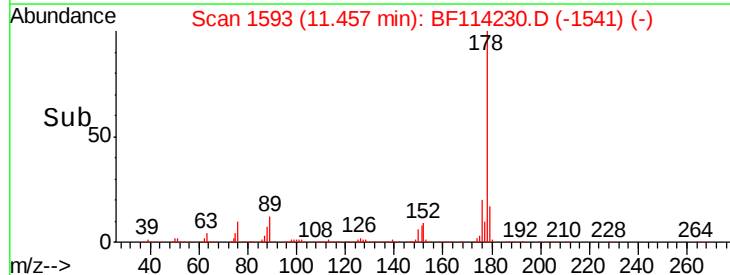
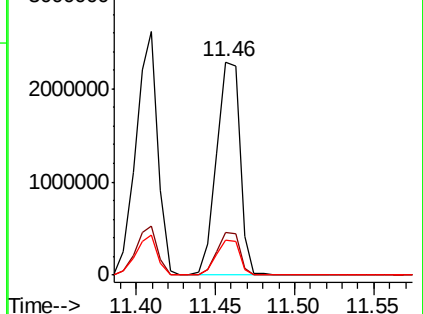
179 16.6 13.0 19.4

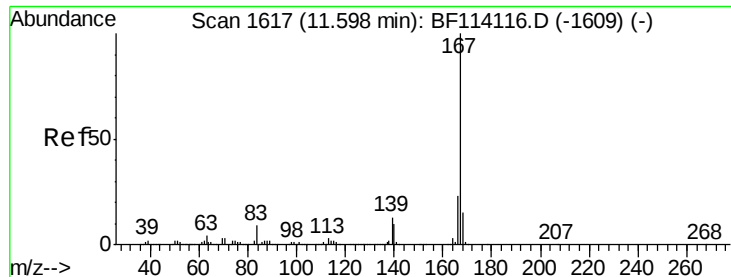


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 53.022 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

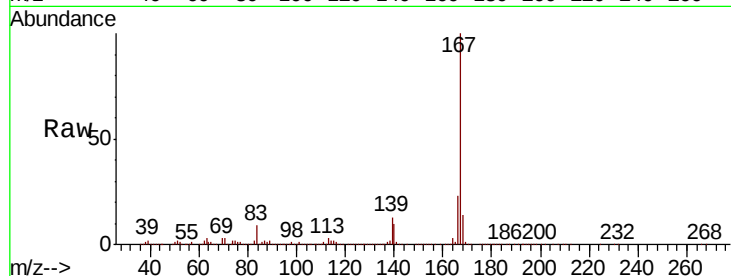
Tgt Ion:167 Resp: 2178058

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

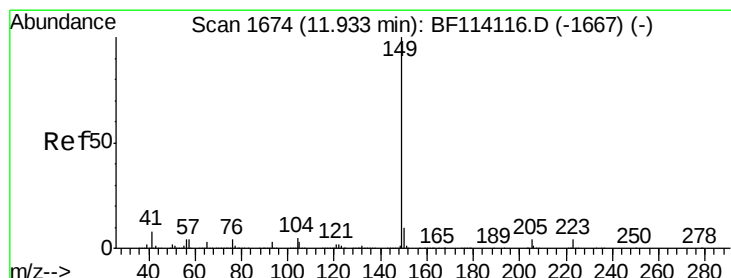
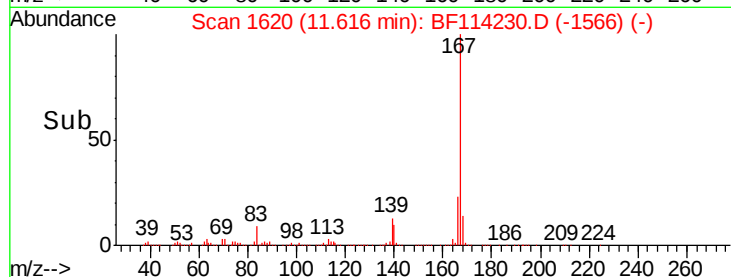
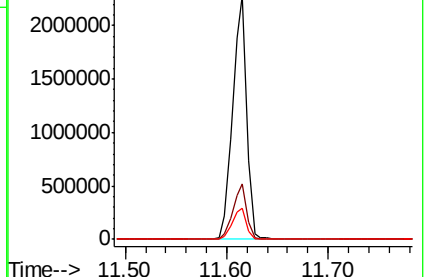
139 13.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 58.701 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

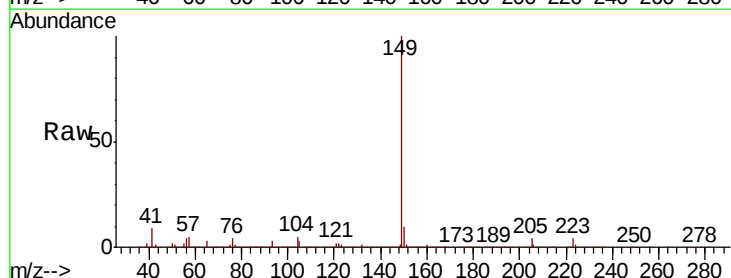
Tgt Ion:149 Resp: 2778039

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

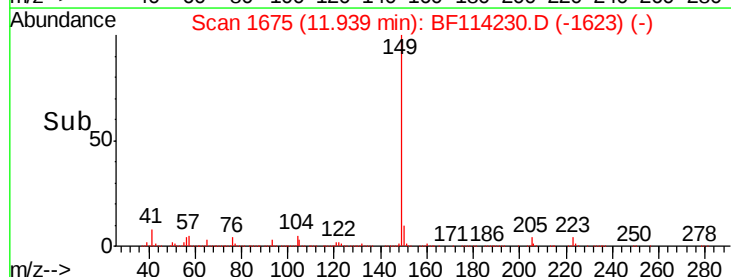
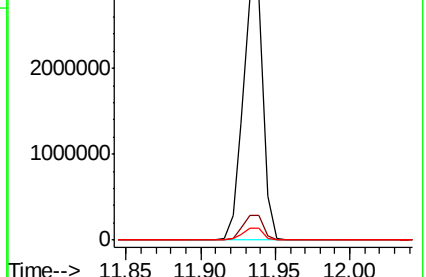
104 4.7 3.6 5.4

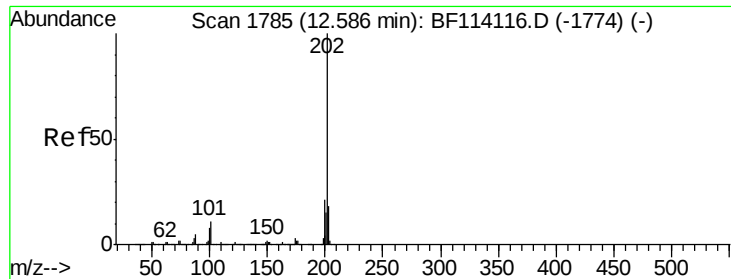


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 59.292 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

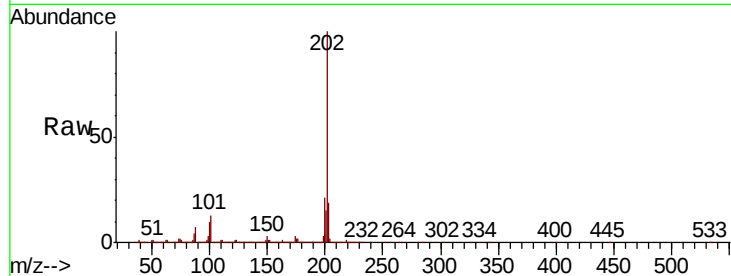
Tgt Ion:202 Resp: 2738391

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.0

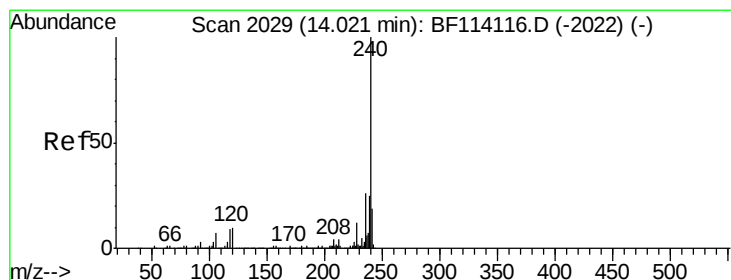
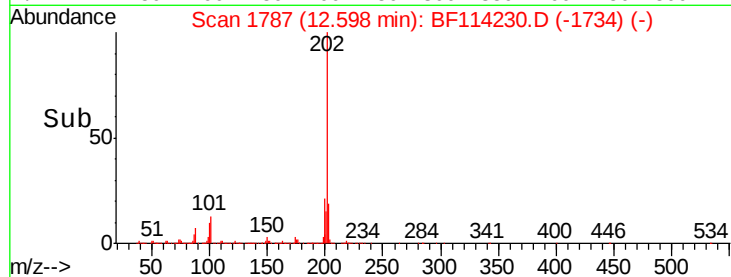
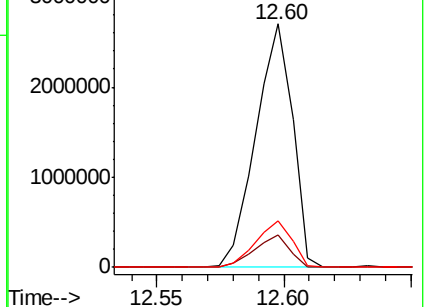
203 18.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

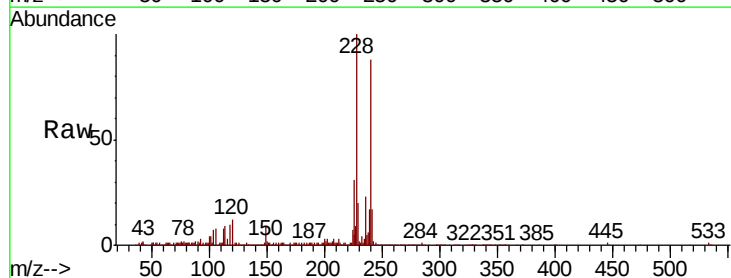
Tgt Ion:240 Resp: 516657

Ion Ratio Lower Upper

240 100

120 13.9 8.3 12.5#

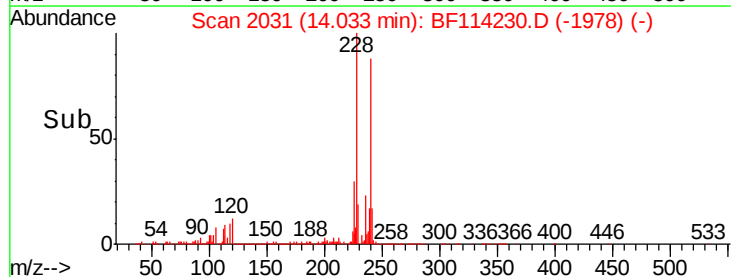
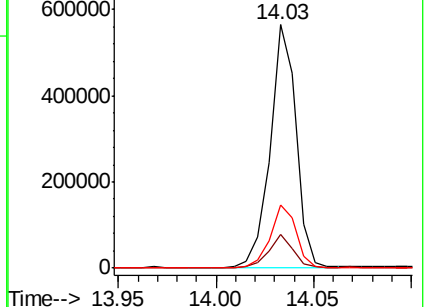
236 25.7 20.8 31.2

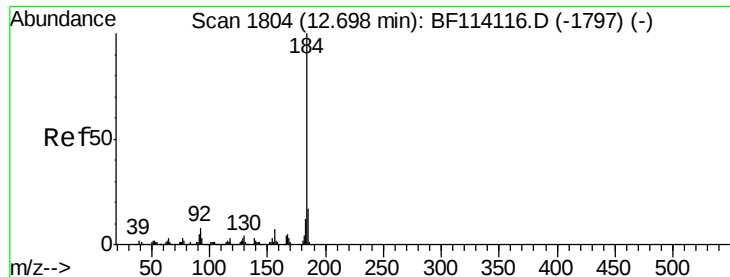


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.685 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

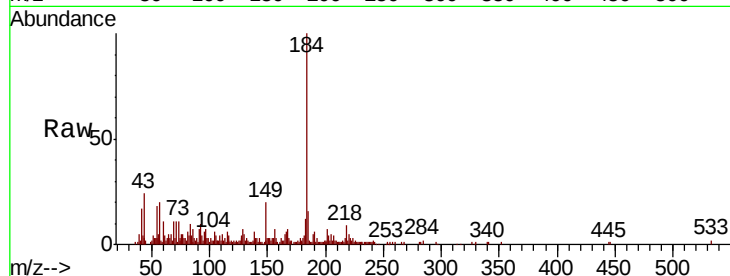
Tgt Ion:184 Resp: 85464

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

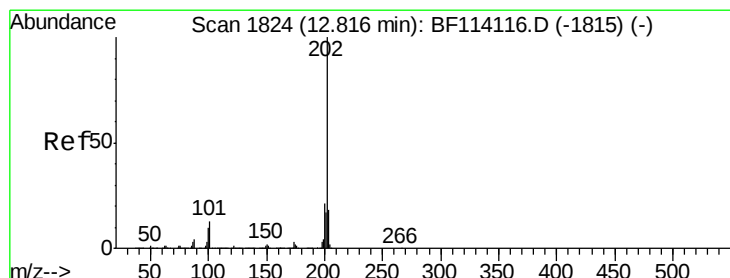
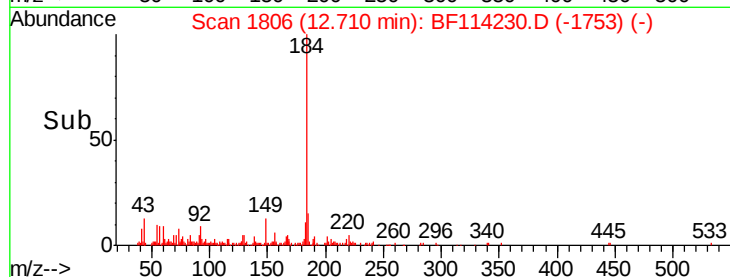
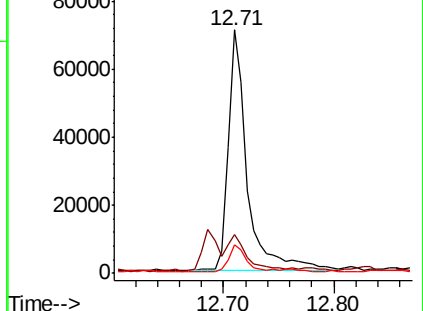
183 12.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 73.399 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

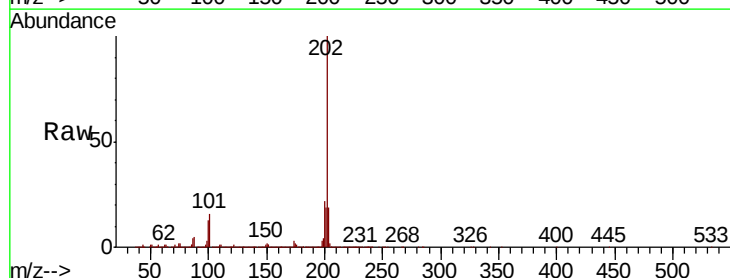
Tgt Ion:202 Resp: 3050641

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

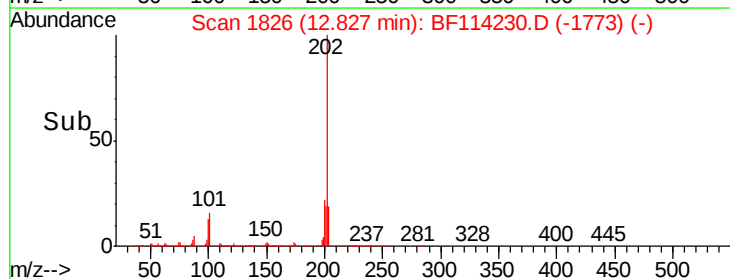
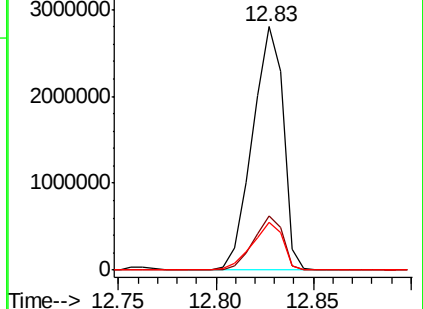
203 19.5 14.5 21.7

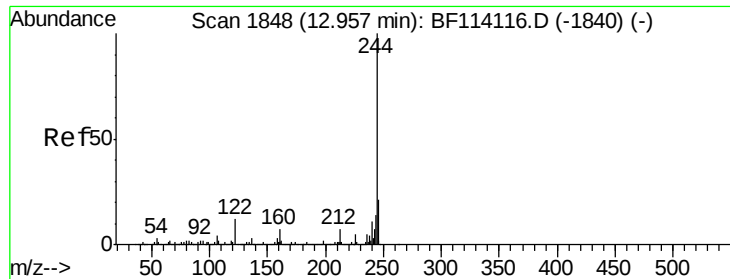


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

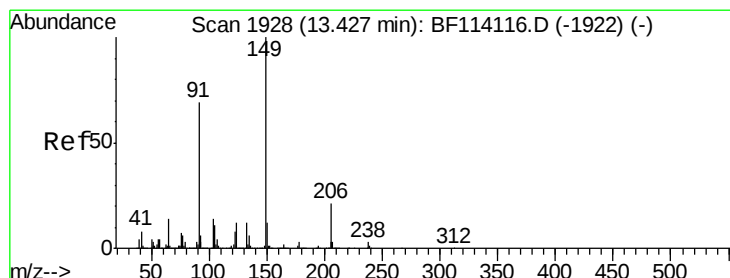
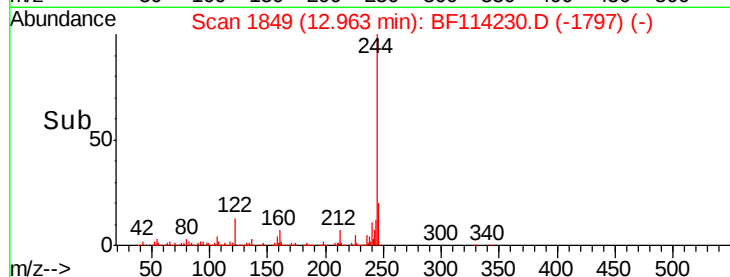
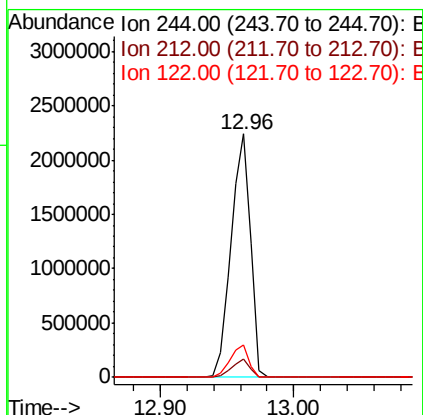
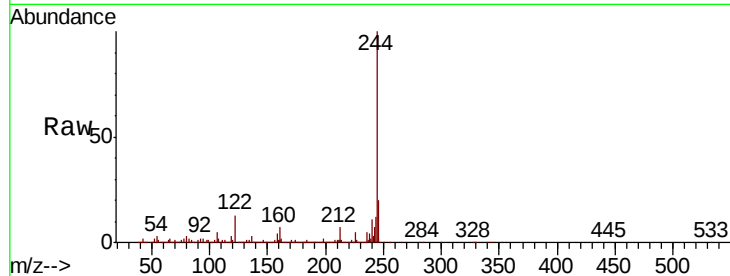




#79
 Terphenyl-d14
 Concen: 91.690 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

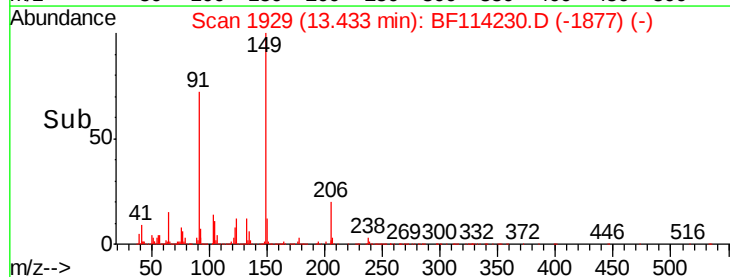
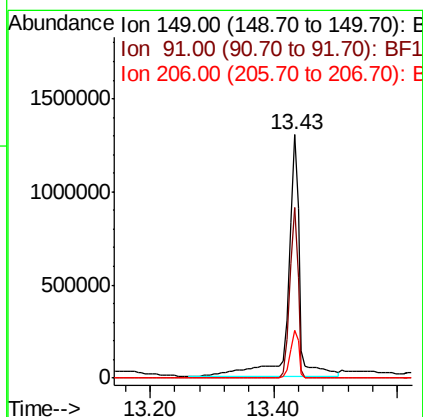
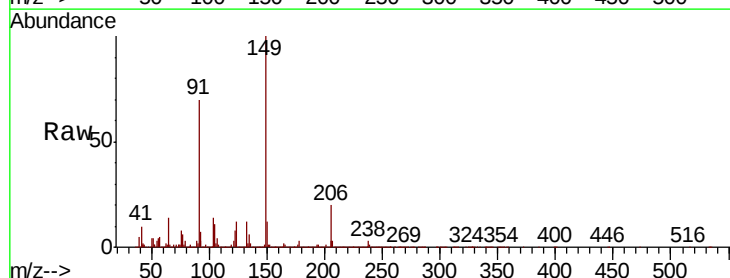
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MS

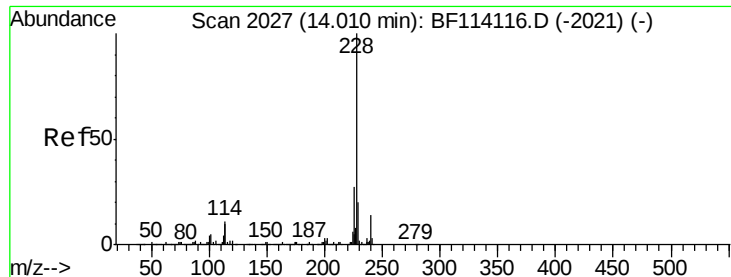
Tgt Ion:244 Resp: 2298016
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 13.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 95.269 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BF114230.D
 Acq: 13 May 2019 15:50

Tgt Ion:149 Resp: 1666642
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.0 82.4
 206 19.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 61.812 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

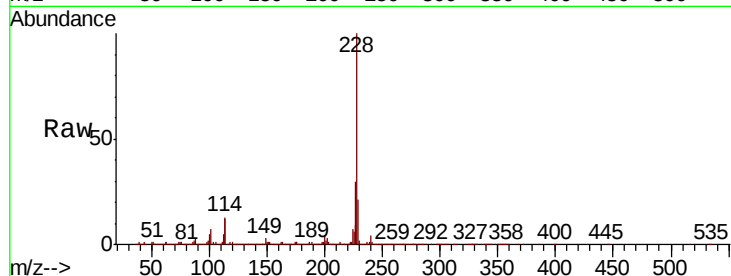
Tgt Ion:228 Resp: 2065572

Ion Ratio Lower Upper

228 100

226 29.7 22.2 33.2

229 20.8 16.4 24.6

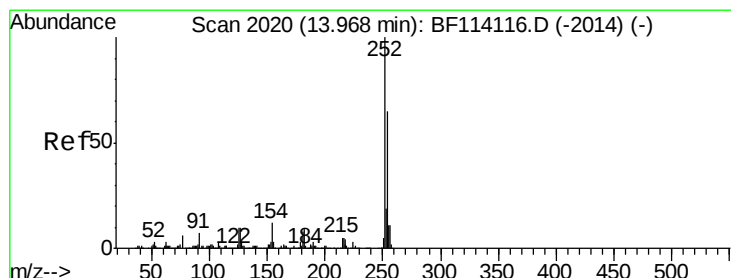
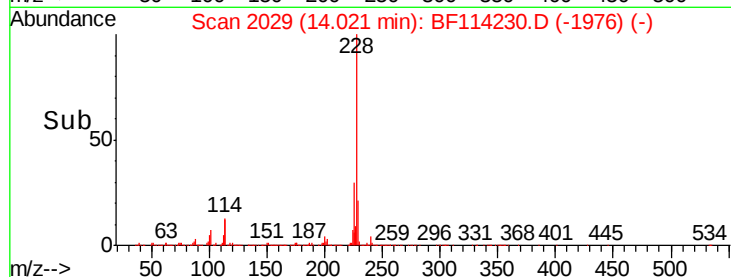
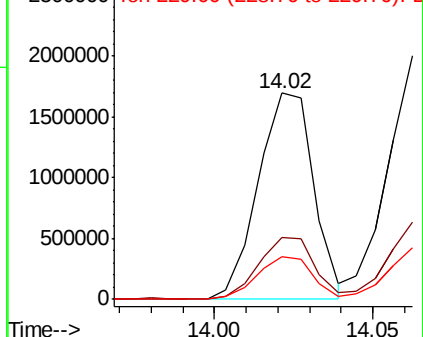


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.974 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

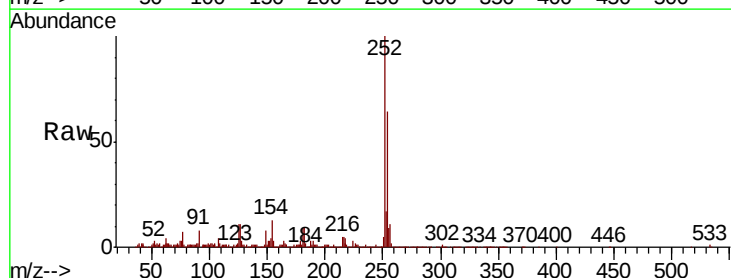
Tgt Ion:252 Resp: 492269

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 11.2 7.9 11.9

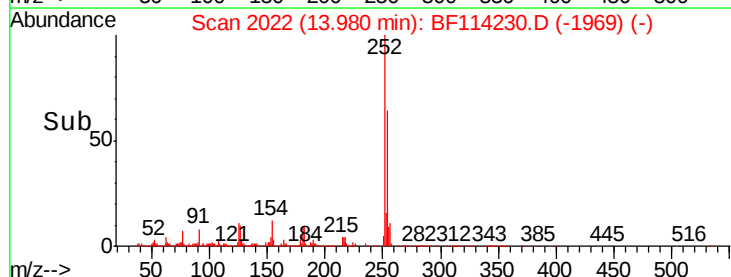
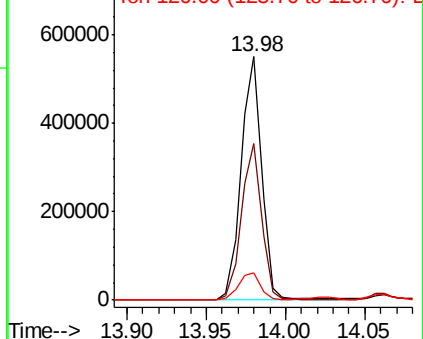


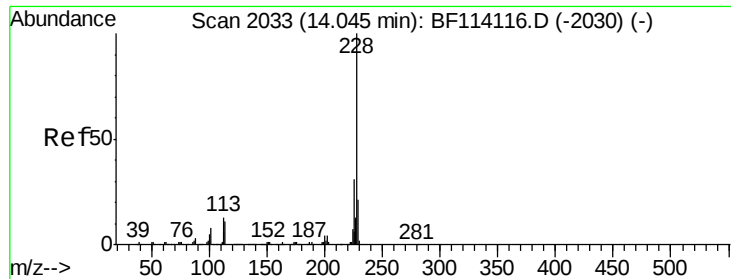
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 63.492 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

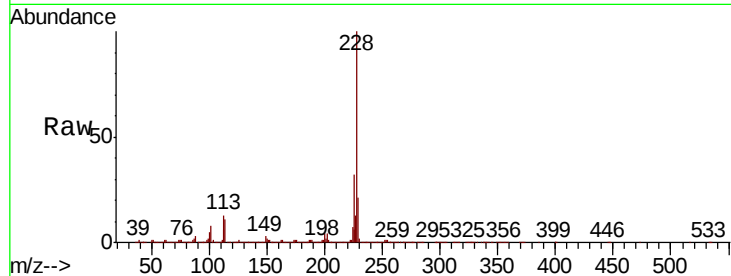
Tgt Ion:228 Resp: 2079868

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

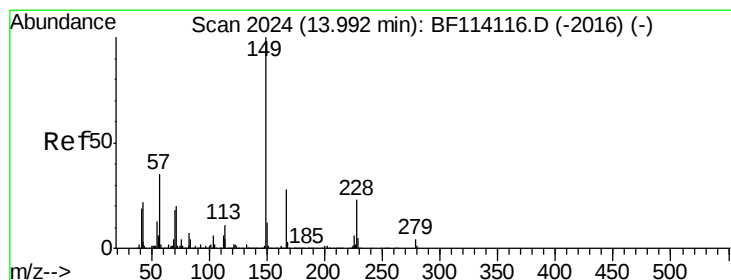
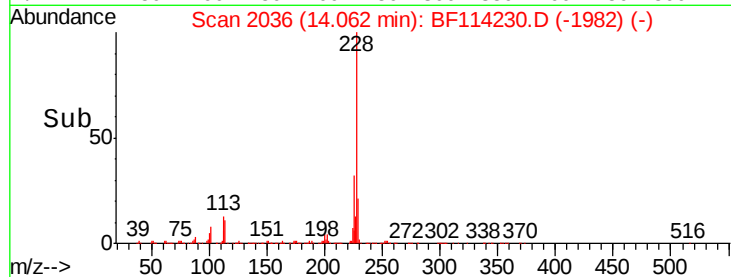
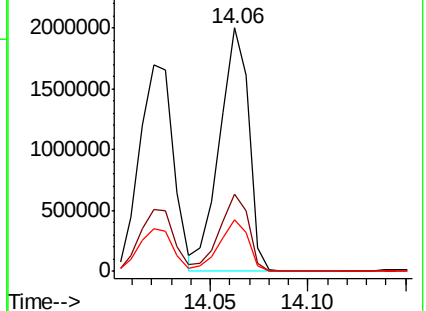
229 20.9 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.210 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

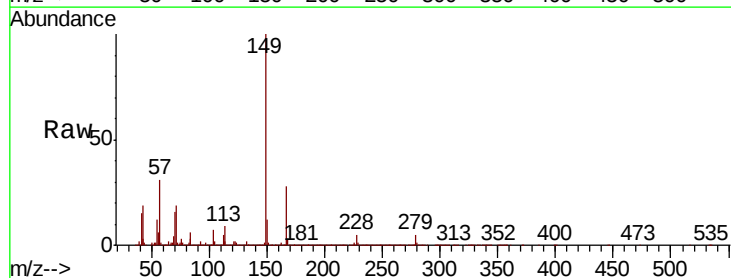
Tgt Ion:149 Resp: 1675041

Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

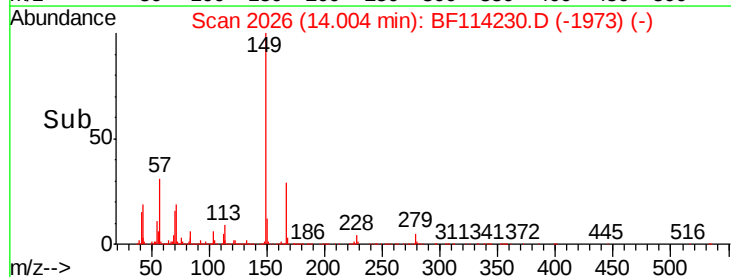
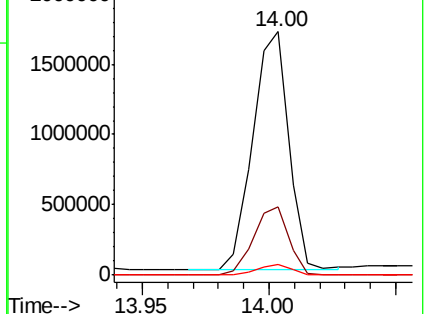
279 4.5 3.0 4.6

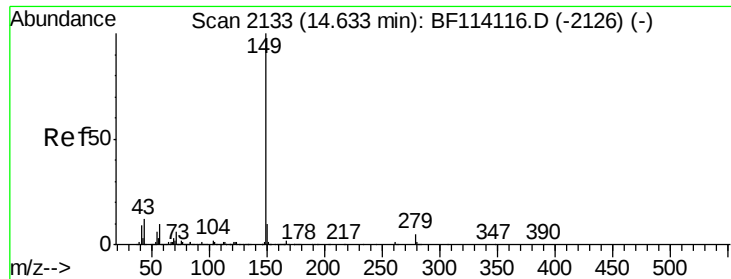


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

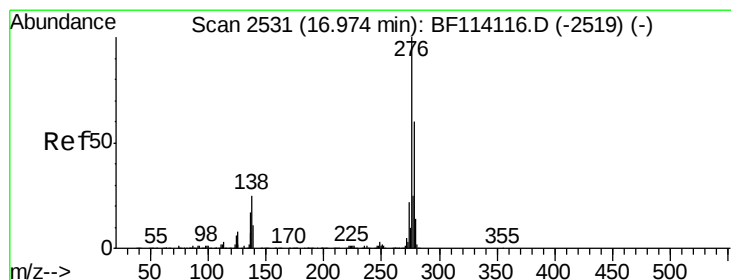
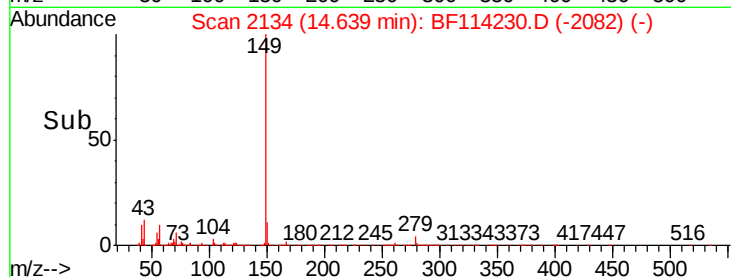
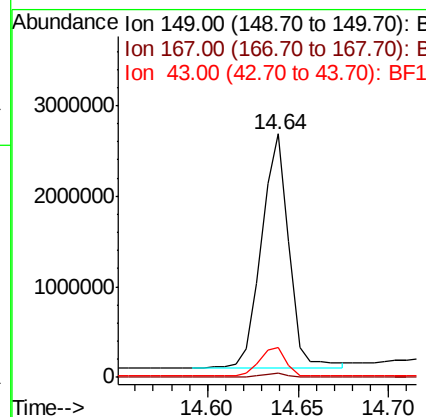
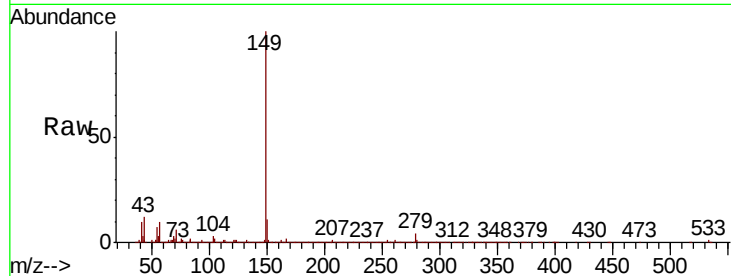




#85
Di-n-octyl phthalate
Concen: 73.819 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

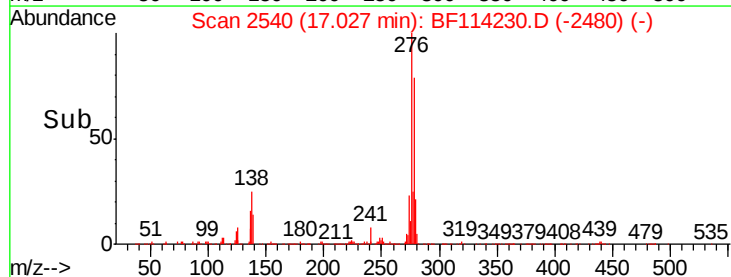
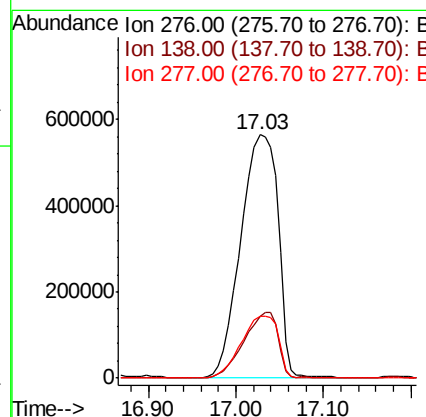
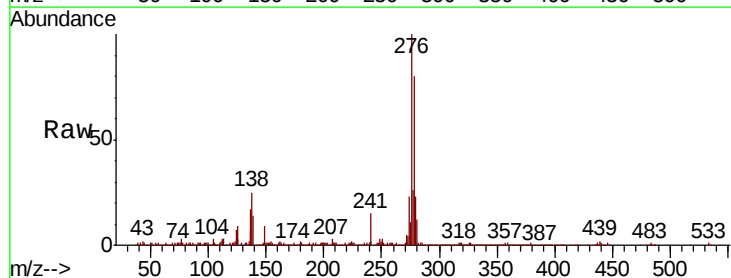
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

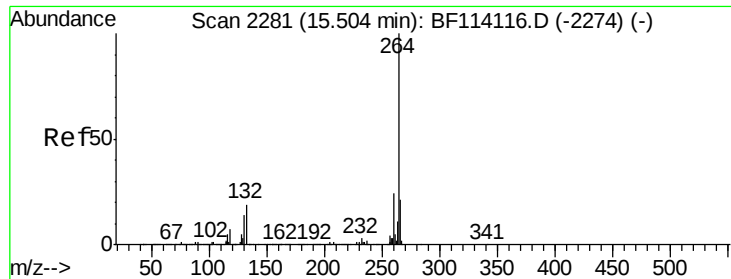
Tgt Ion:149 Resp: 2737941
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.8 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.481 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.05 min
Lab File: BF114230.D
Acq: 13 May 2019 15:50

Tgt Ion:276 Resp: 1635199
Ion Ratio Lower Upper
276 100
138 24.3 20.2 30.2
277 25.1 20.0 30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.03 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

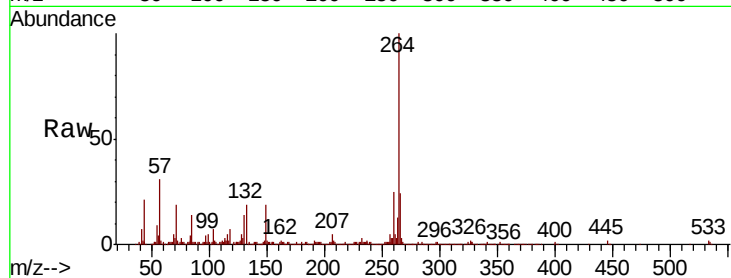
Tgt Ion:264 Resp: 575058

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 23.7 16.9 25.3

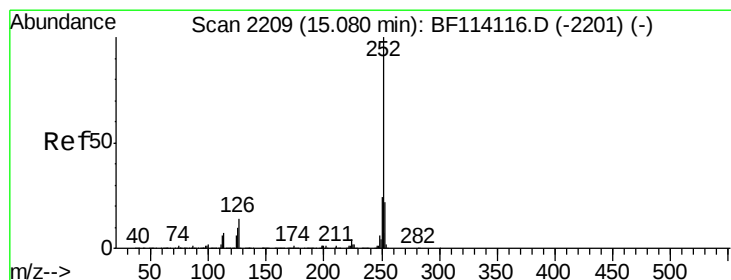
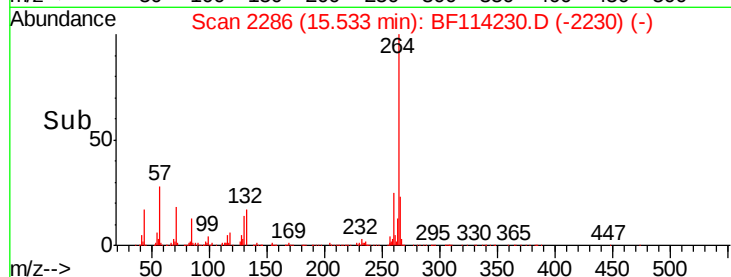
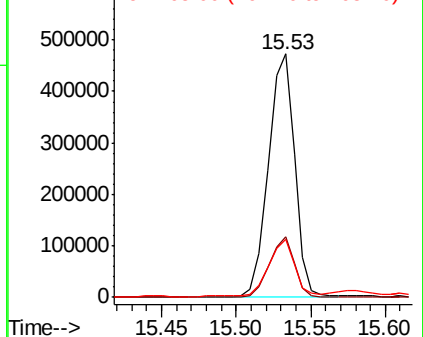


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 66.045 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

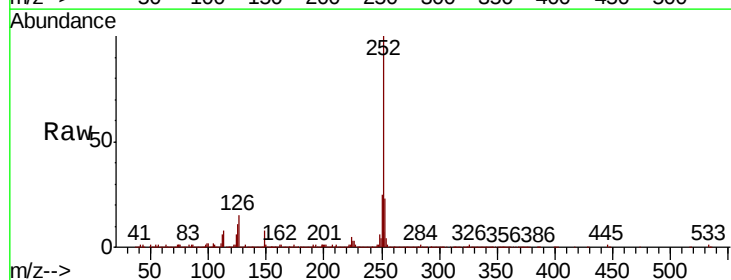
Tgt Ion:252 Resp: 2433192

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.4 8.3 12.5

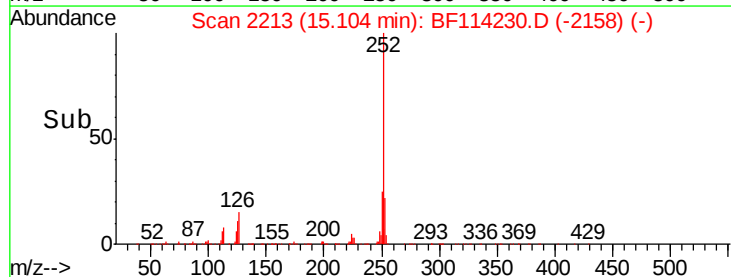
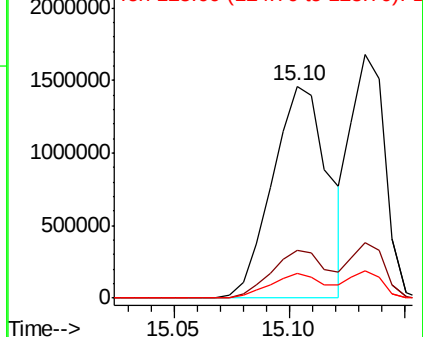


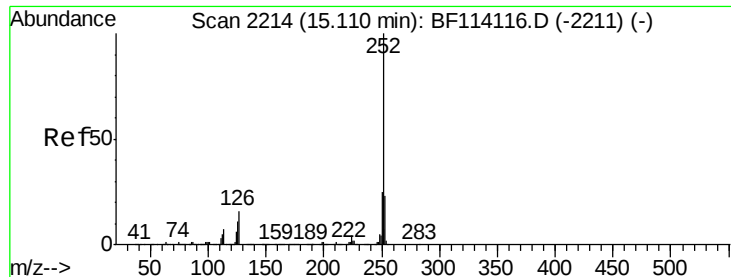
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.486 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.02 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

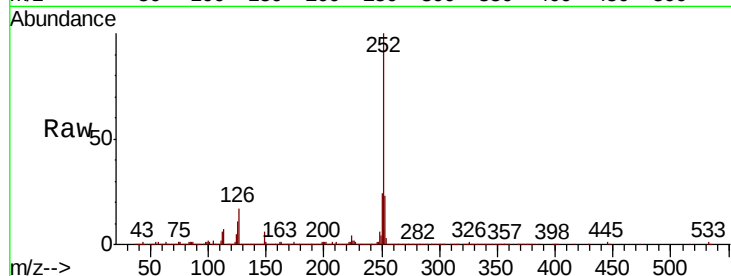
Tgt Ion:252 Resp: 1708586

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

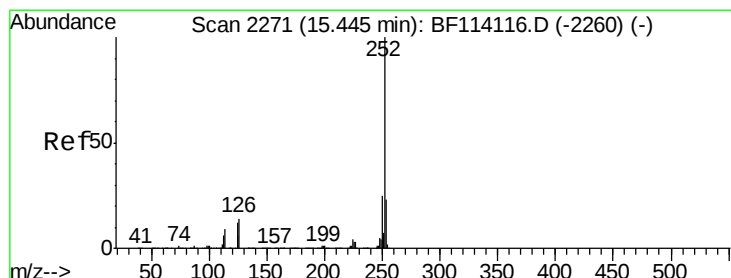
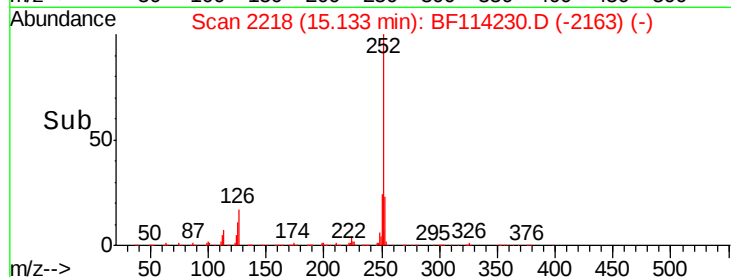
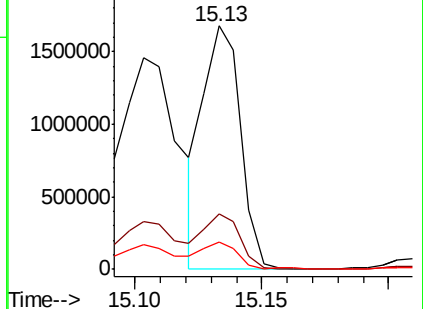
125 11.3 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 61.379 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.04 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

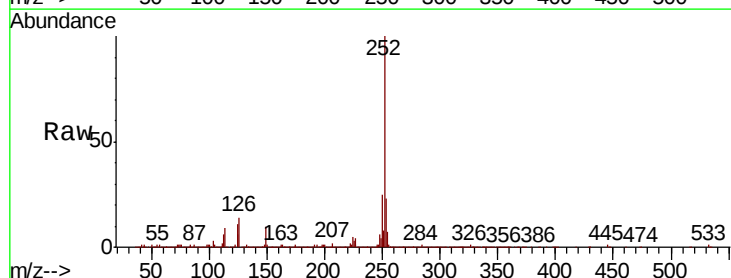
Tgt Ion:252 Resp: 1990112

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

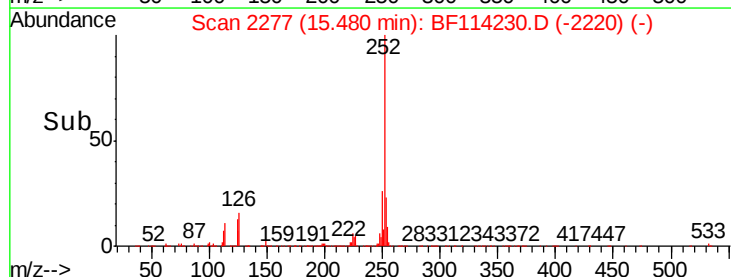
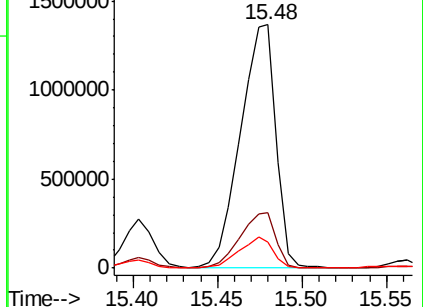
125 10.9 9.5 14.3

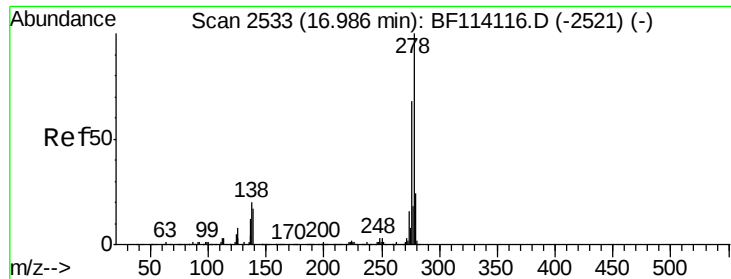


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.269 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.05 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MS

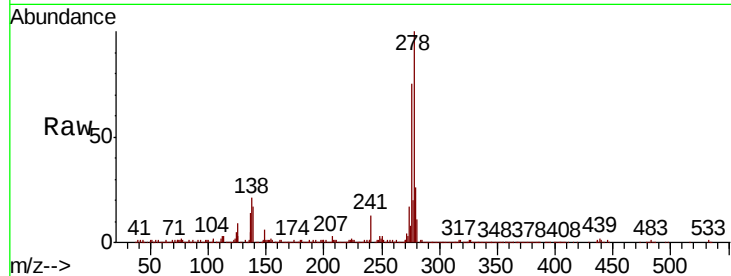
Tgt Ion:278 Resp: 1300477

Ion Ratio Lower Upper

278 100

139 16.7 13.5 20.3

279 25.9 19.0 28.6

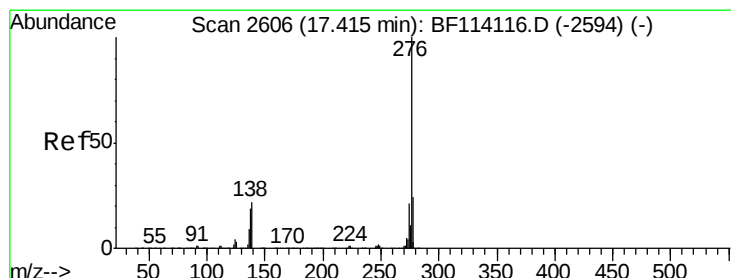
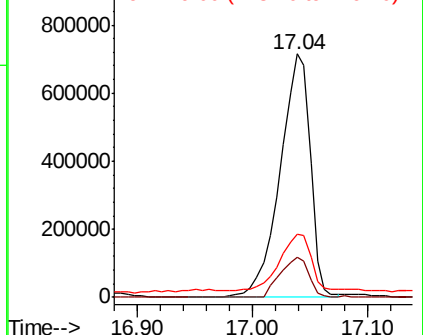
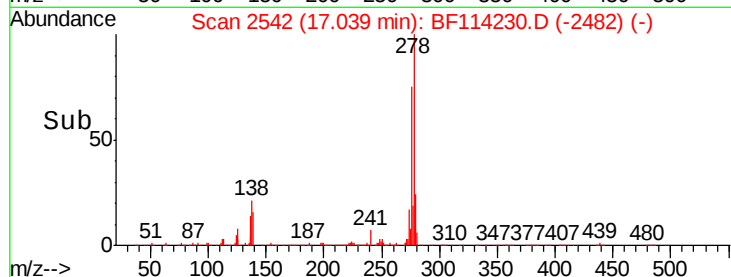


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.190 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.06 min

Lab File: BF114230.D

Acq: 13 May 2019 15:50

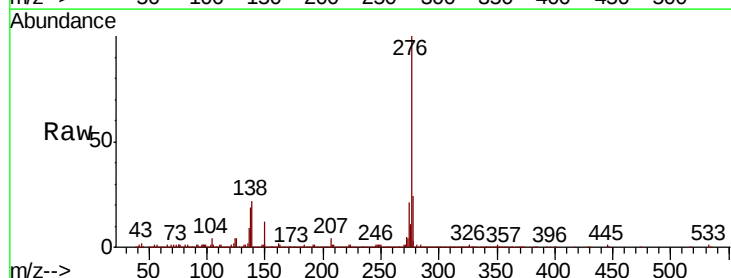
Tgt Ion:276 Resp: 1625158

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.1 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

