

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114194.D
 Acq On : 12 May 2019 16:04
 Operator : JU/SJ
 Sample : K2767-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Quant Time: May 13 07:45:38 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	6.85	152	267862	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1021993	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	473861	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	857394	20.00	ng	0.00
76) Chrysene-d12	14.03	240	475505	20.00	ng	0.00
87) Perylene-d12	15.50	264	588566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1504369	90.38	ng	0.01
7) Phenol-d6	6.50	99	1997194	101.45	ng	0.01
23) Nitrobenzene-d5	7.42	82	1260977	69.24	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	432562	88.30	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2005723	64.03	ng	0.00
79) Terphenyl-d14	12.96	244	1634400	70.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	238591	26.078	ng	99
3) Pyridine	3.41	79	573972	22.770	ng	93
4) n-Nitrosodimethylamine	3.33	42	343576	28.264	ng	95
6) Aniline	6.52	93	139306	4.899	ng	# 1
8) 2-Chlorophenol	6.65	128	590278	33.219	ng	98
9) Benzaldehyde	6.40	77	243128	17.641	ng	99
10) Phenol	6.52	94	717566	30.985	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	614089	34.928	ng	99
12) 1,3-Dichlorobenzene	6.80	146	591830	29.671	ng	98
13) 1,4-Dichlorobenzene	6.87	146	599298	29.816	ng	96
14) 1,2-Dichlorobenzene	7.03	146	570109	31.047	ng	99
15) Benzyl Alcohol	7.00	79	518557	33.773	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1077979	31.621	ng	86
17) 2-Methylphenol	7.12	107	412126	28.234	ng	97
18) Hexachloroethane	7.36	117	184709	24.482	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	421118	33.748	ng	96
20) 3+4-Methylphenols	7.27	107	537454	31.868	ng	# 70
22) Acetophenone	7.26	105	828335	36.586	ng	# 88
24) Nitrobenzene	7.43	77	649631	35.025	ng	98
25) Isophorone	7.67	82	1168142	34.587	ng	99
26) 2-Nitrophenol	7.75	139	330350	36.711	ng	97
27) 2,4-Dimethylphenol	7.79	122	382448	27.060	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	754768	34.443	ng	100
29) 2,4-Dichlorophenol	8.00	162	489345	34.771	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	500574	31.280	ng	97
31) Naphthalene	8.16	128	2329720	48.801	ng	100
32) Benzoic acid	7.92	122	435157	43.886	ng	99
33) 4-Chloroaniline	8.21	127	167738	7.711	ng	95
34) Hexachlorobutadiene	8.27	225	258718	28.413	ng	98
35) Caprolactam	8.58	113	181115	39.468	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	502009	35.437	ng	99
37) 2-Methylnaphthalene	8.85	142	1382461	44.884	ng	97
38) 1-Methylnaphthalene	8.95	142	1218407	42.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	481118	33.517	ng	98

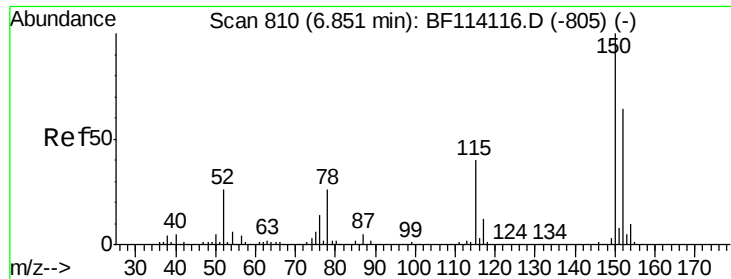
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114194.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	53374	11.874	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	335553	33.986	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	359126	35.468	ng	94
46) 1,1'-Biphenyl	9.31	154	1407976	36.780	ng	99
47) 2-Chloronaphthalene	9.34	162	978097	31.747	ng	97
48) 2-Nitroaniline	9.43	65	353498	32.353	ng	96
49) Acenaphthylene	9.76	152	2623100	55.980	ng	99
50) Dimethylphthalate	9.61	163	1473755	42.367	ng	99
51) 2,6-Dinitrotoluene	9.67	165	266803	34.580	ng	91
52) Acenaphthene	9.92	154	909086	31.616	ng	100
53) 3-Nitroaniline	9.84	138	137744	14.382	ng	98
54) 2,4-Dinitrophenol	9.95	184	122834	35.737	ng	95
55) Dibenzofuran	10.10	168	1367235	32.427	ng	96
56) 4-Nitrophenol	10.02	139	377826	55.783	ng	95
57) 2,4-Dinitrotoluene	10.08	165	346328	33.071	ng	99
58) Fluorene	10.44	166	1231614	37.817	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	259850	29.742	ng	91
60) Diethylphthalate	10.31	149	1133166	32.061	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	497793	31.121	ng	100
62) 4-Nitroaniline	10.45	138	154831	15.384	ng	94
63) Azobenzene	10.59	77	1055024	30.838	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	88533	21.489	ng	89
66) n-Nitrosodiphenylamine	10.55	169	903791	34.732	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	305718	32.384	ng	99
68) Hexachlorobenzene	10.99	284	330740	31.669	ng	95
69) Atrazine	11.07	200	283606	35.022	ng	97
70) Pentachlorophenol	11.19	266	305661	61.742	ng	99
71) Phenanthrene	11.41	178	4258171	102.082	ng	96
72) Anthracene	11.46	178	1852993	44.227	ng	100
73) Carbazole	11.60	167	1300129	32.541	ng	98
74) Di-n-butylphthalate	11.93	149	1603481	34.836	ng	99
75) Fluoranthene	12.60	202	4621043	102.873	ng	95
78) Pyrene	12.84	202	7049556	184.292	ng	93
80) Butylbenzylphthalate	13.43	149	618065	38.388	ng	99
81) Benzo(a)anthracene	14.02	228	3585862	116.593	ng	# 83
83) Chrysene	14.06	228	3697789	122.650	ng	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	875269	41.566	ng	99
85) Di-n-octyl phthalate	14.60	149	1449276	42.456	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2504945	94.011	ng	99
88) Benzo(b)fluoranthene	15.08	252	6136313	162.737	ng	# 97
89) Benzo(k)fluoranthene	15.08	252	6136313	177.158	ng	98
90) Benzo(a)pyrene	15.45	252	3410220	102.763	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1221560	44.299	ng	99
92) Benzo(g,h,i)perylene	17.45	276	2545758	92.122	ng	100

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

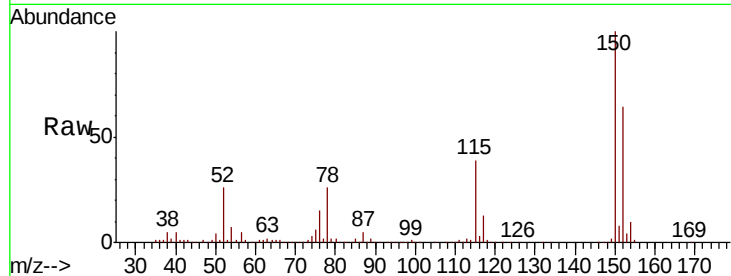


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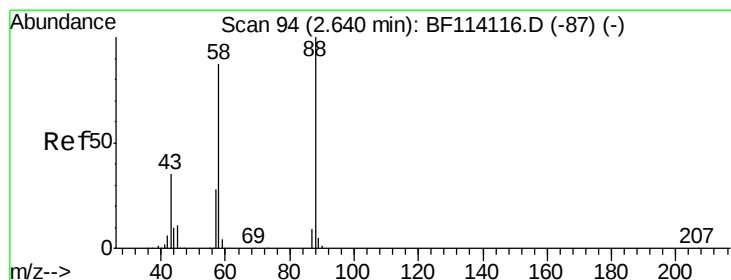
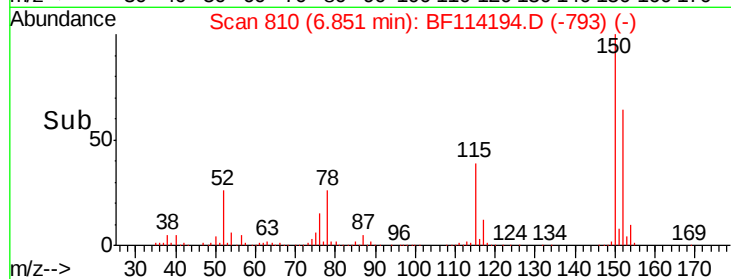
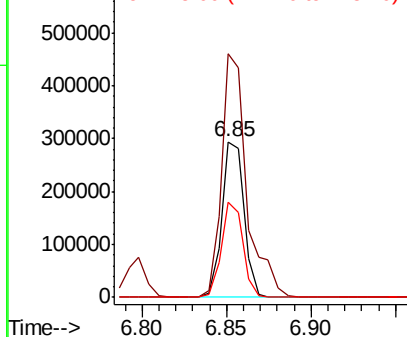
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:152 Resp: 267862
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 61.1 49.1 73.7



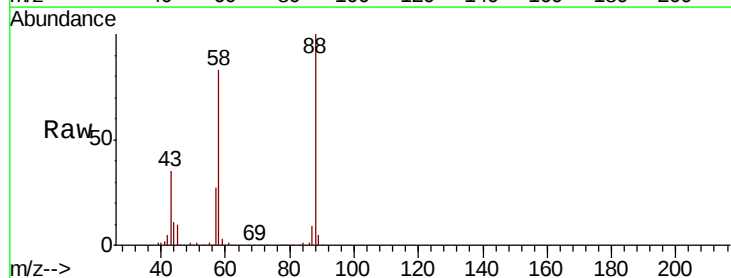
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



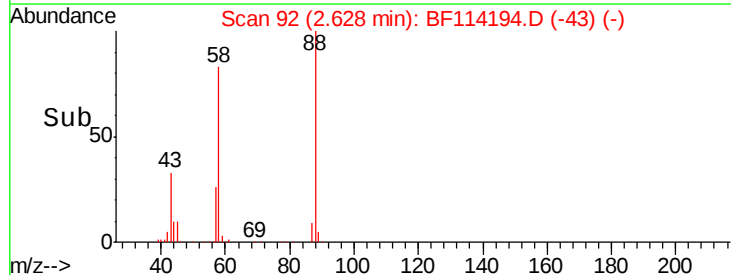
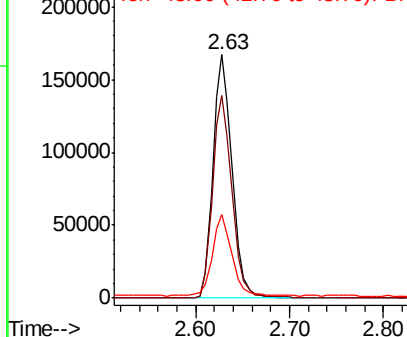
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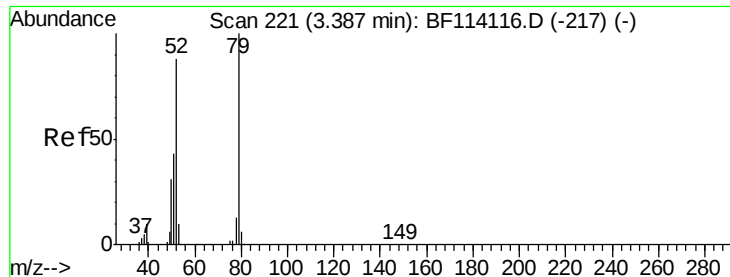
1,4-Dioxane
Concen: 26.078 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion: 88 Resp: 238591
Ion Ratio Lower Upper
88 100
58 85.1 68.7 103.1
43 33.9 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: 22.770 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

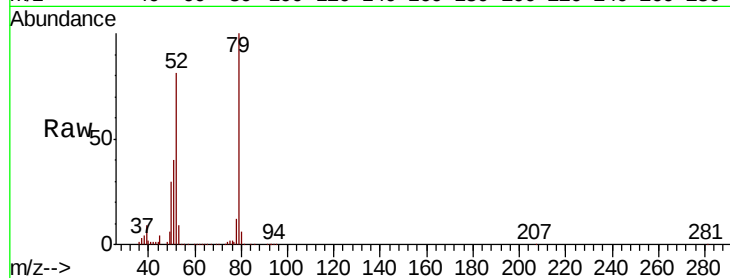
Tgt Ion: 79 Resp: 573972

Ion Ratio Lower Upper

79 100

52 81.2 70.6 105.8

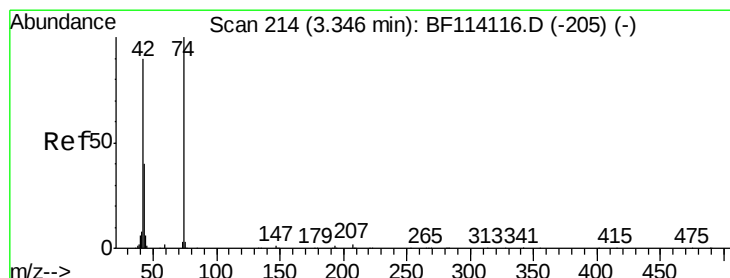
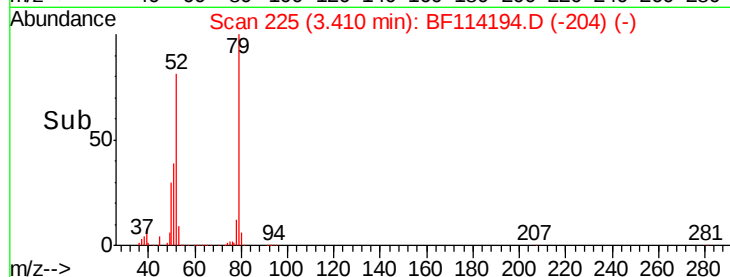
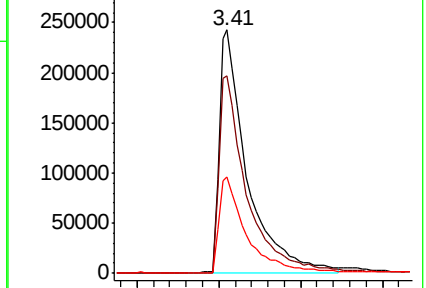
51 39.6 34.2 51.2



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: 28.264 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

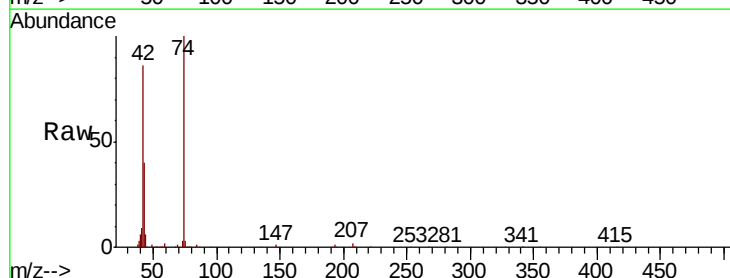
Tgt Ion: 42 Resp: 343576

Ion Ratio Lower Upper

42 100

74 116.3 88.6 132.8

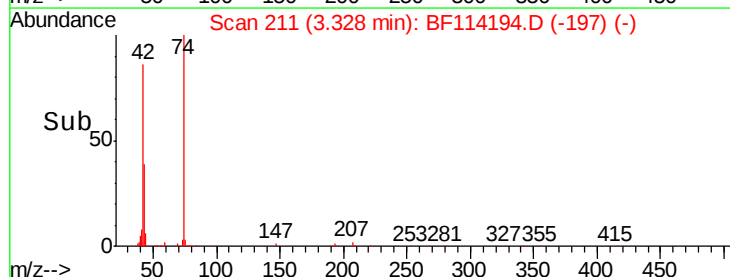
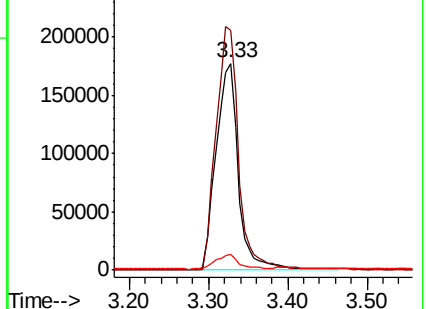
44 7.5 5.5 8.3



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: 90.379 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

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ClientSampleId :

P026-SS012-0002-01MS

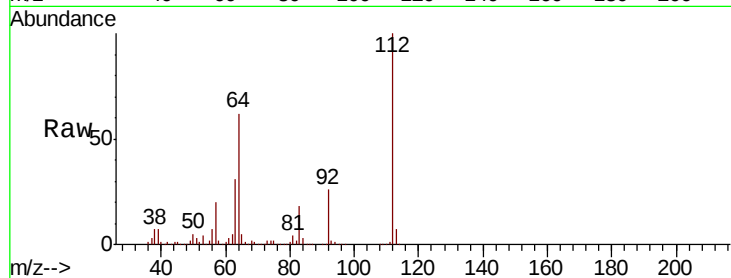
Tgt Ion:112 Resp: 1504369

Ion Ratio Lower Upper

112 100

64 62.5 49.0 73.6

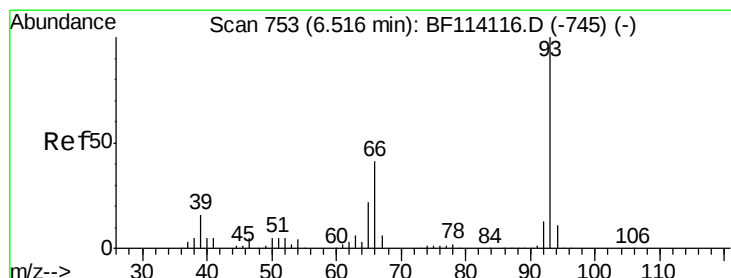
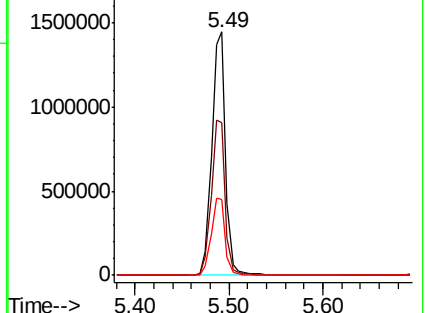
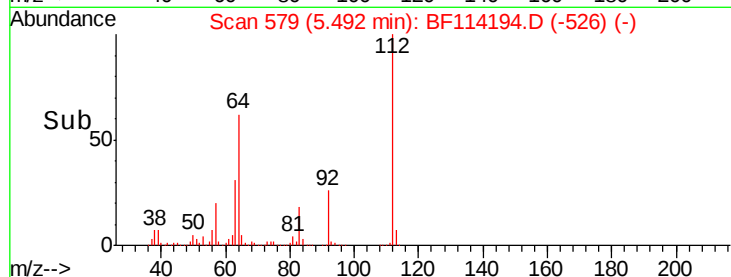
63 31.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.899 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

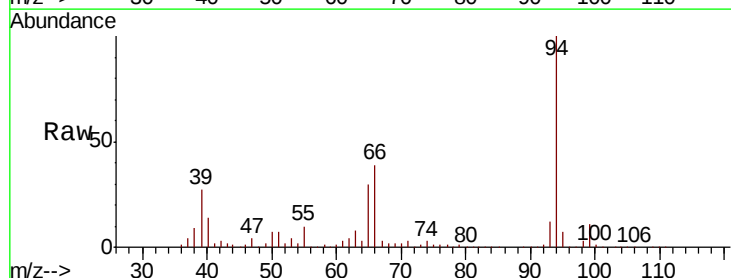
Tgt Ion: 93 Resp: 139306

Ion Ratio Lower Upper

93 100

66 321.2 33.2 49.8#

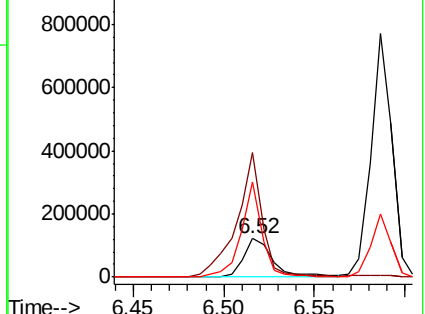
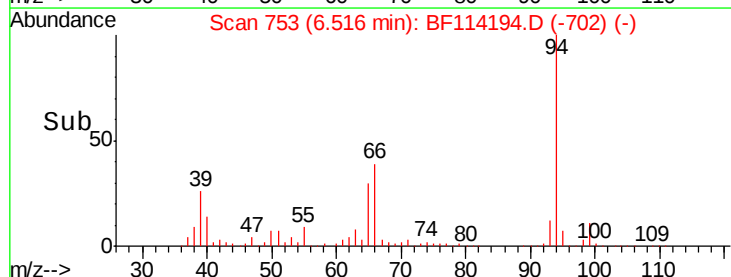
65 246.0 17.6 26.4#

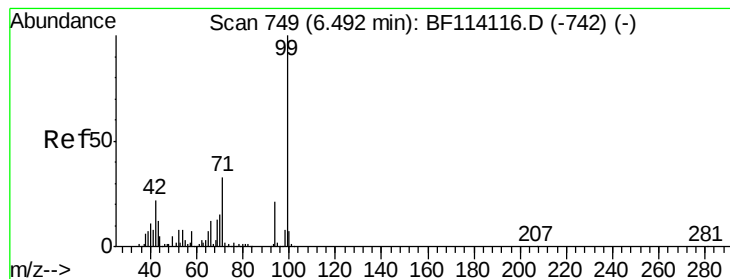


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.449 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

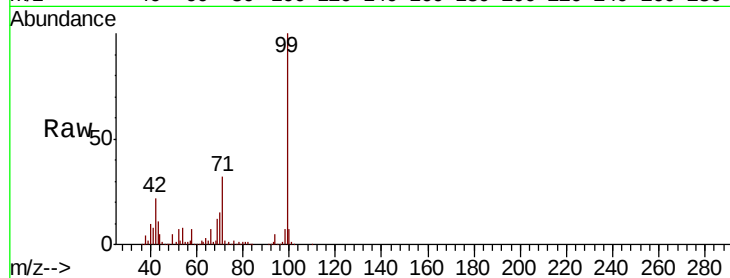
Tgt Ion: 99 Resp: 1997194

Ion Ratio Lower Upper

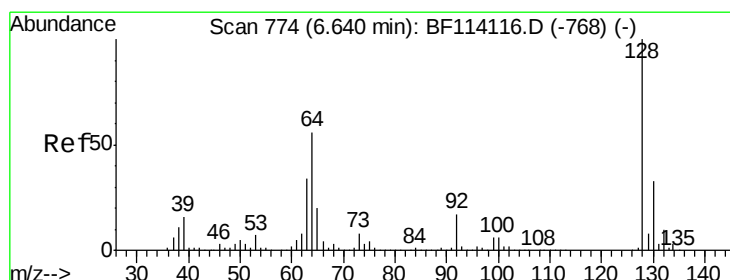
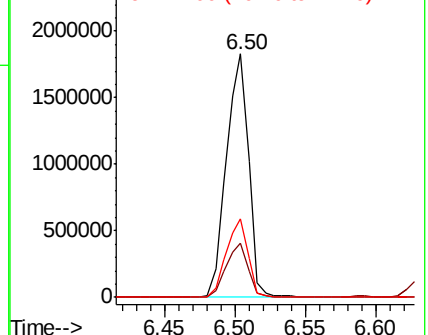
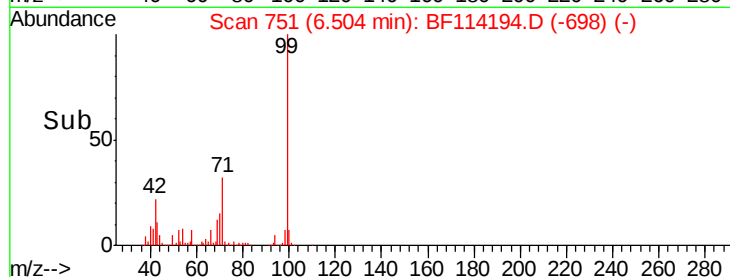
99 100

42 22.2 17.9 26.9

71 32.2 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: 33.219 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

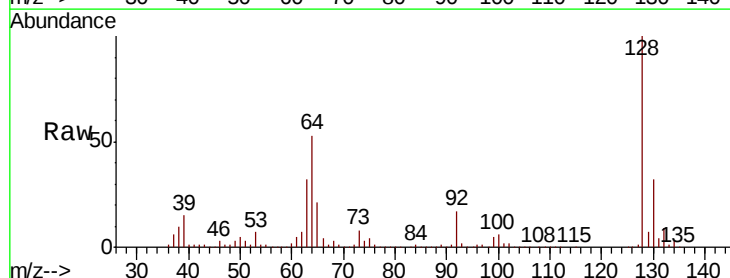
Tgt Ion: 128 Resp: 590278

Ion Ratio Lower Upper

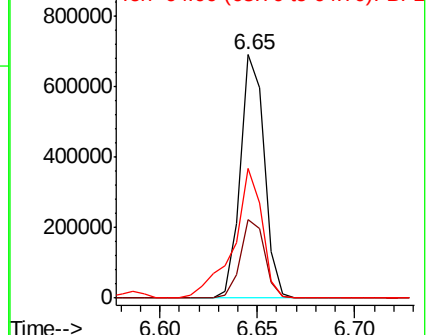
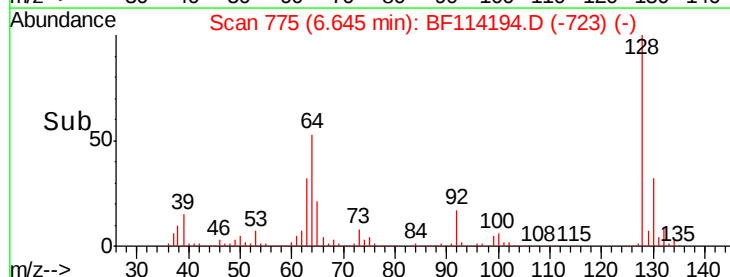
128 100

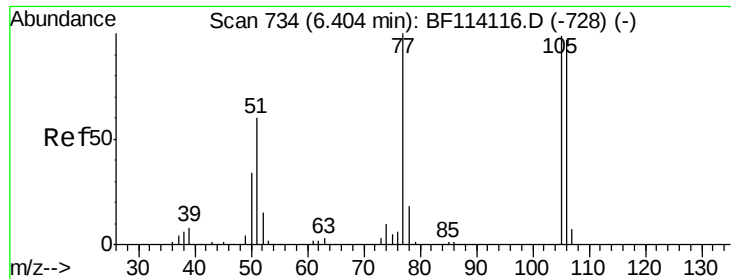
130 32.2 12.6 52.6

64 53.4 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: 17.641 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

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ClientSampleId :

P026-SS012-0002-01MS

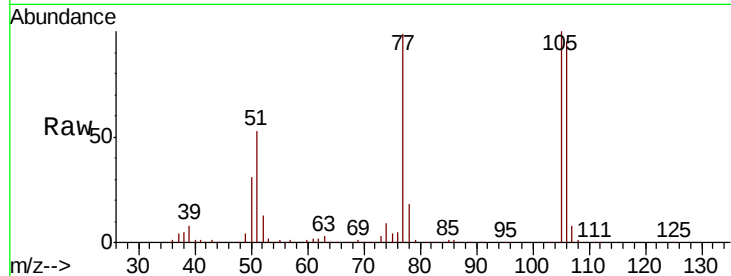
Tgt Ion: 77 Resp: 243128

Ion Ratio Lower Upper

77 100

105 100.8 79.3 119.3

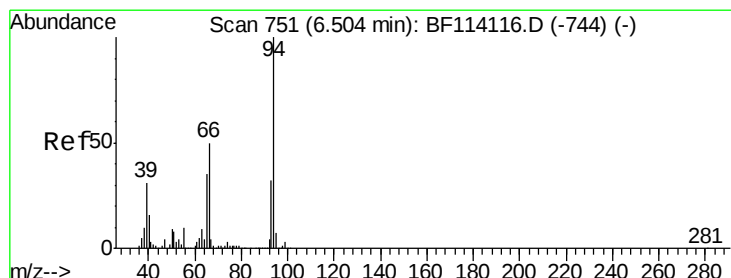
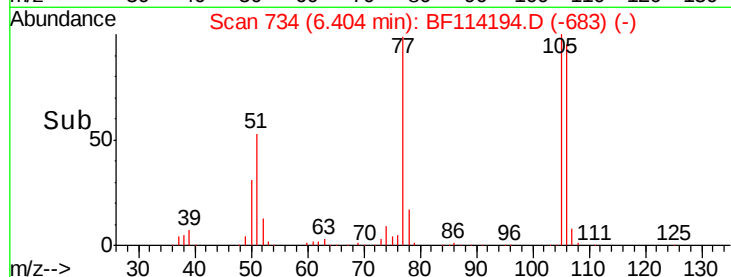
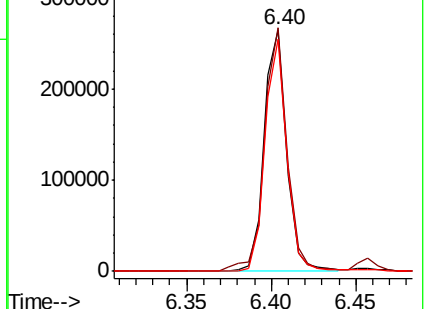
106 96.0 77.0 117.0



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: 30.985 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

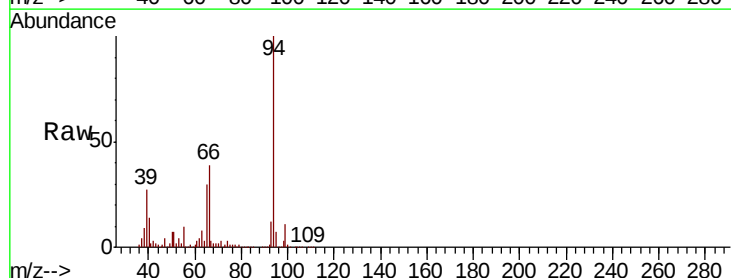
Tgt Ion: 94 Resp: 717566

Ion Ratio Lower Upper

94 100

65 30.1 14.7 54.7

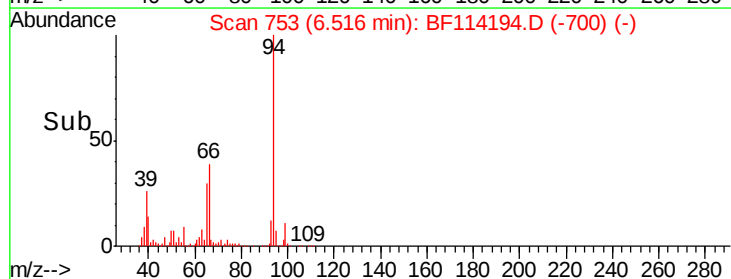
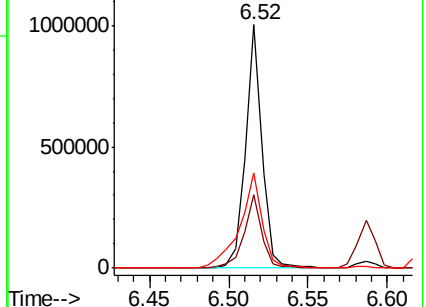
66 39.2 29.6 69.6

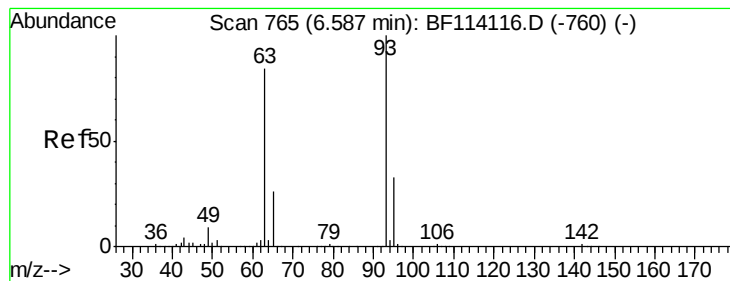


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.928 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

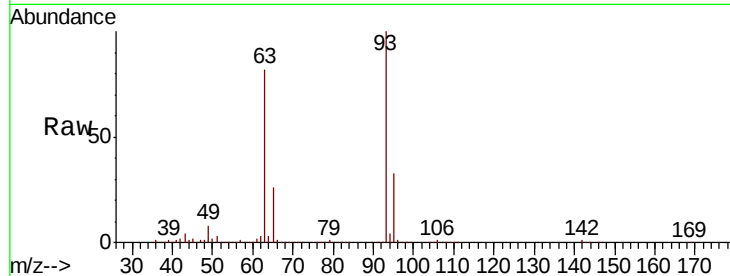
Tgt Ion: 93 Resp: 614089

Ion Ratio Lower Upper

93 100

63 82.2 63.6 103.6

95 33.2 13.1 53.1

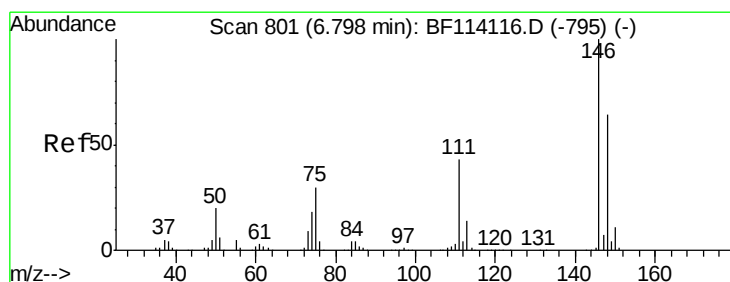
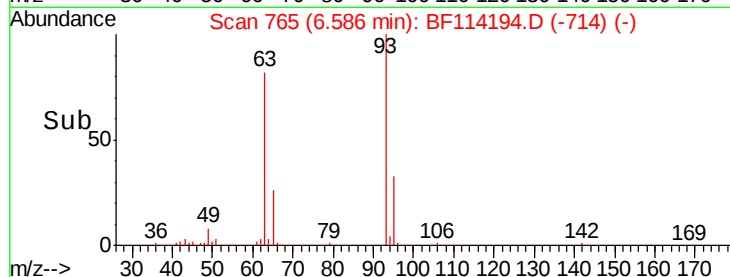
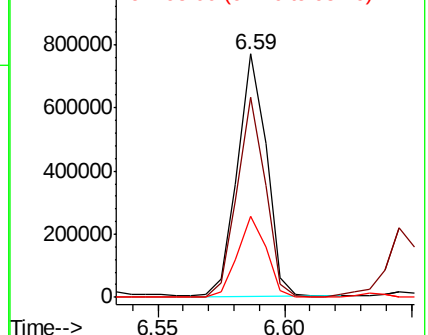


Abundance

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: 29.671 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

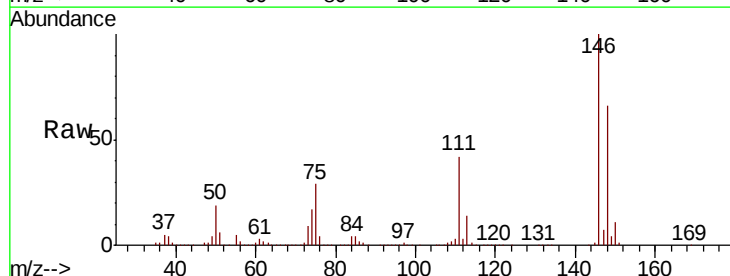
Tgt Ion: 146 Resp: 591830

Ion Ratio Lower Upper

146 100

148 65.8 51.6 77.4

75 29.4 24.2 36.2

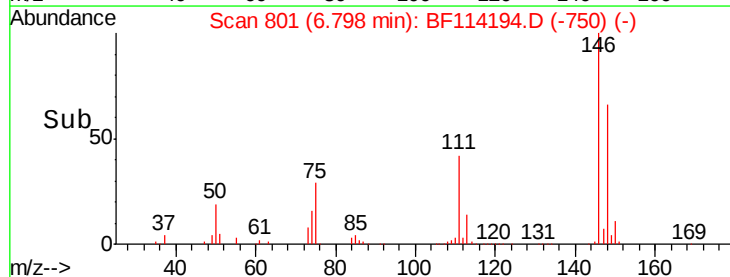
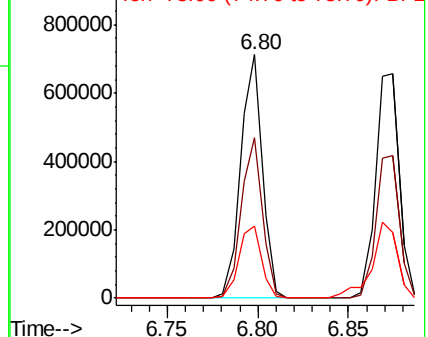


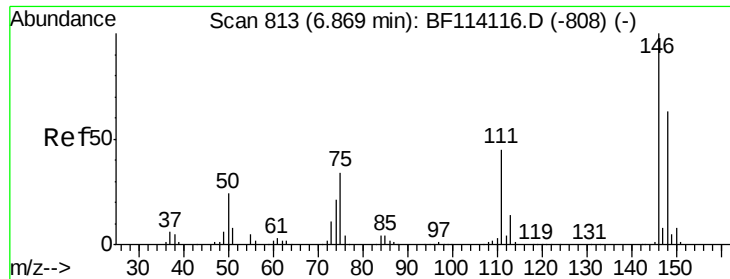
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

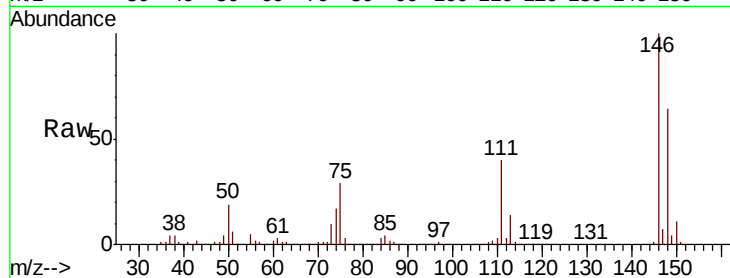




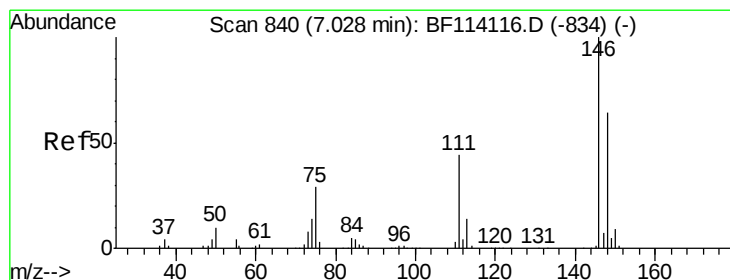
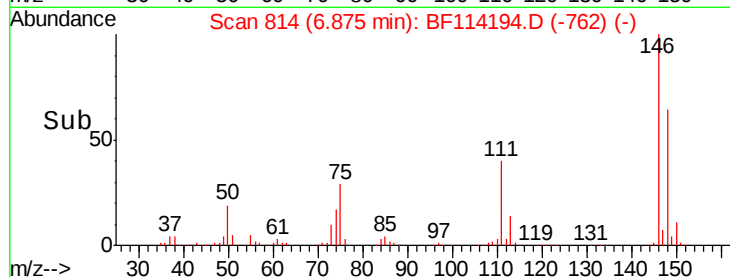
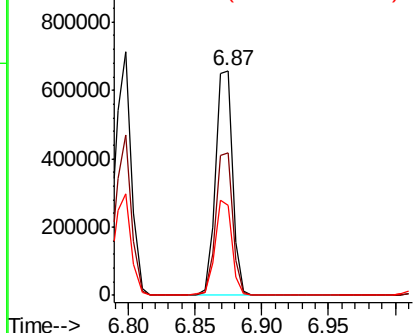
#13
 1,4-Dichlorobenzene
 Concen: 29.816 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion:146 Resp: 599298
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.2 75.2
 111 39.9 35.8 53.6

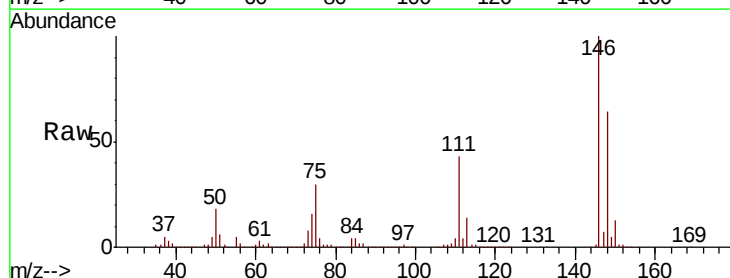


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

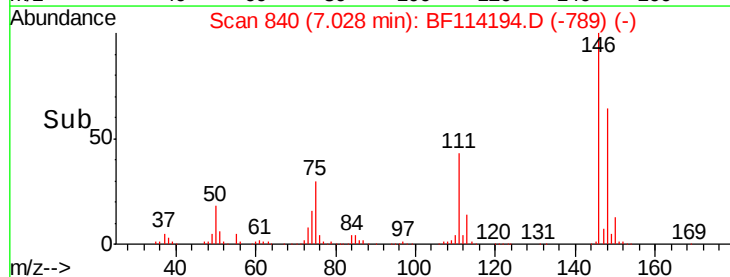
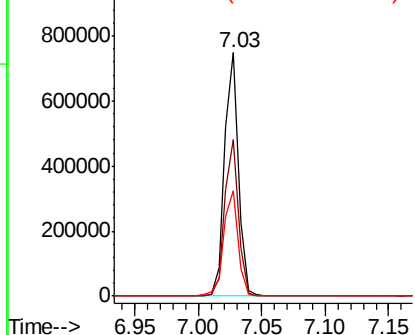


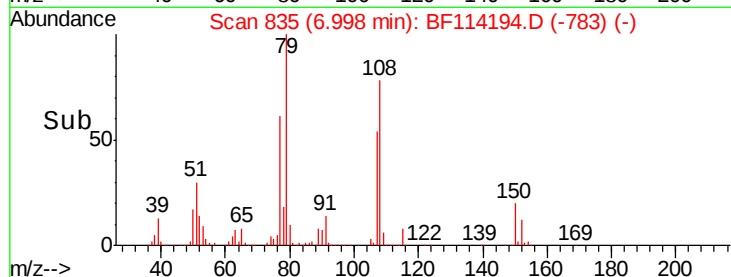
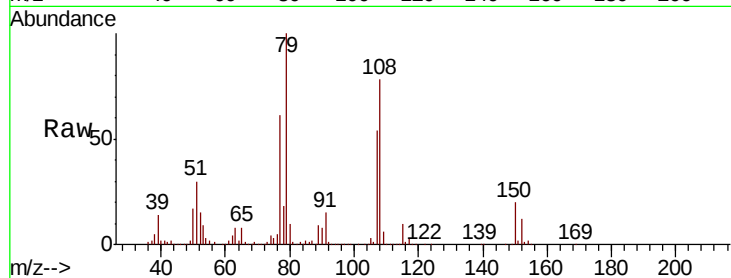
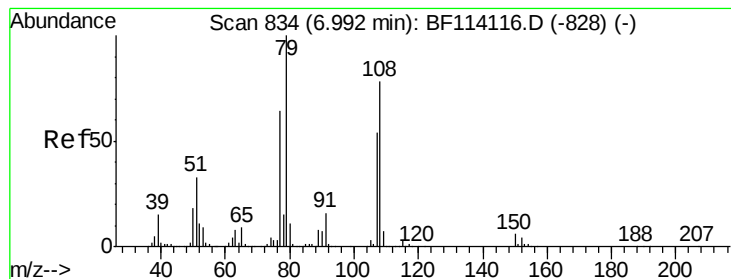
#14
 1,2-Dichlorobenzene
 Concen: 31.047 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:146 Resp: 570109
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 43.4 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: 33.773 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

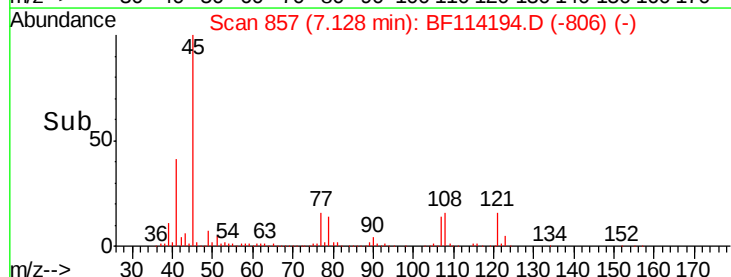
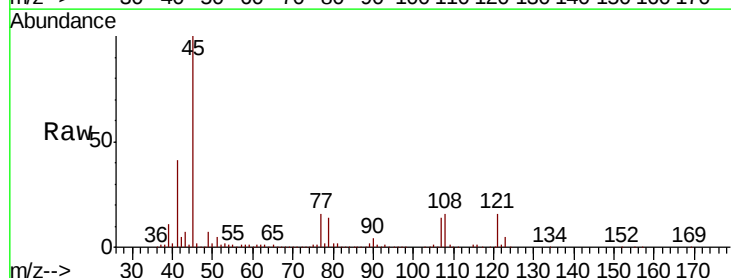
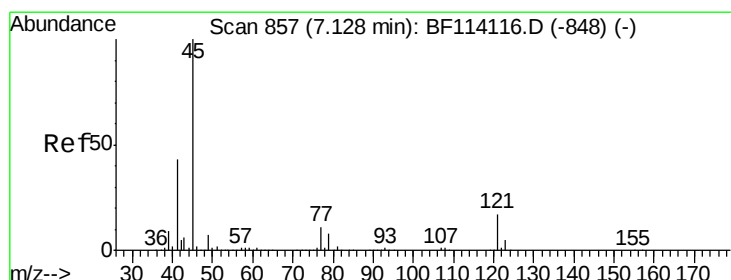
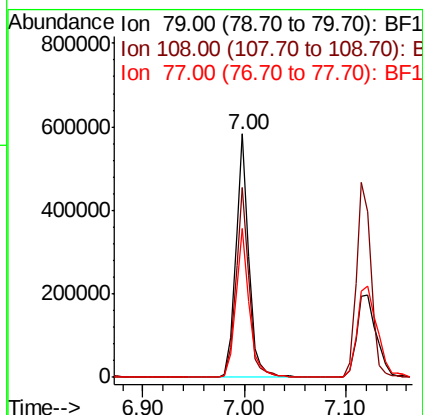
Tgt Ion: 79 Resp: 518557

Ion Ratio Lower Upper

79 100

108 78.1 62.1 93.1

77 61.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.621 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

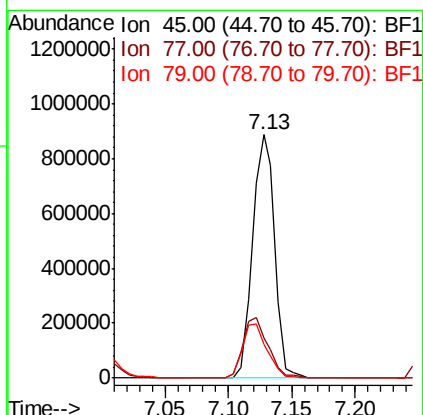
Tgt Ion: 45 Resp: 1077979

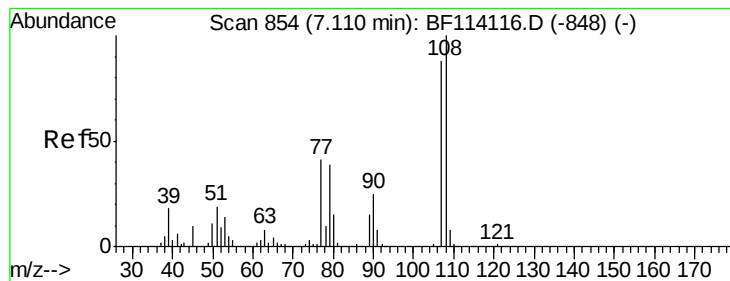
Ion Ratio Lower Upper

45 100

77 16.3 0.0 31.1

79 13.7 0.0 28.4





#17

2-Methylphenol

Concen: 28.234 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tgt Ion:107 Resp: 412126

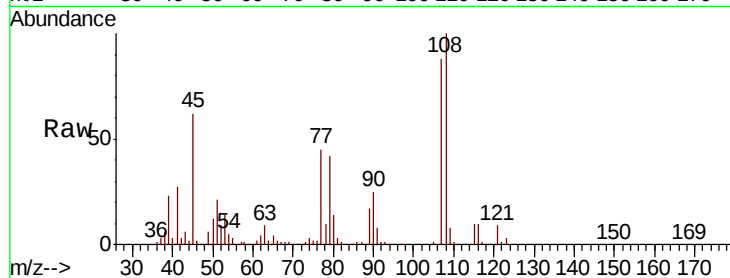
Ion Ratio Lower Upper

107 100

108 114.1 90.5 135.7

77 50.8 37.0 55.4

79 47.8 35.8 53.8

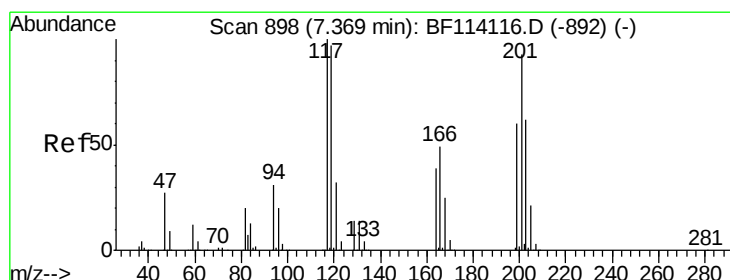
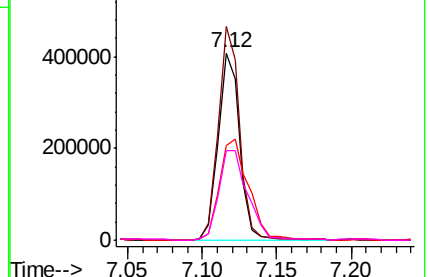
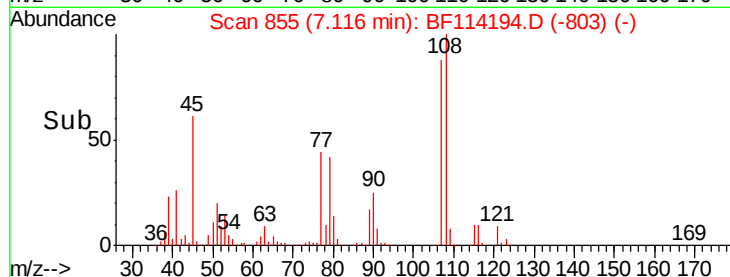


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.482 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

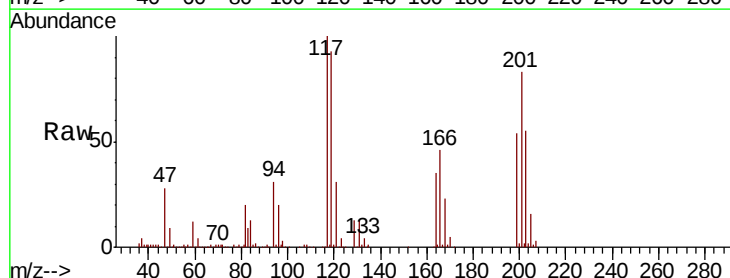
Tgt Ion:117 Resp: 184709

Ion Ratio Lower Upper

117 100

119 92.9 77.4 116.2

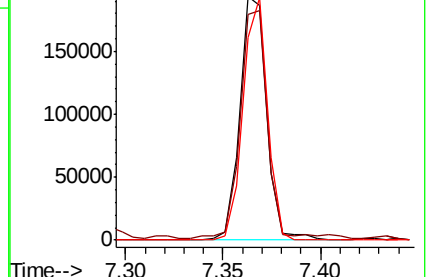
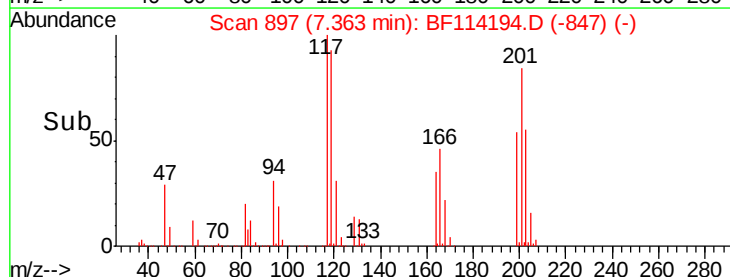
201 83.4 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

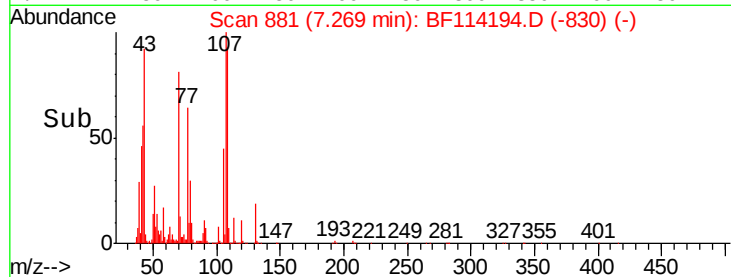
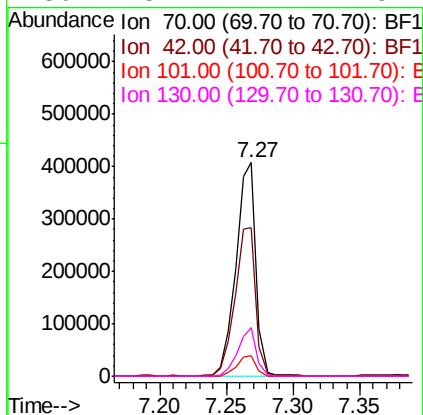
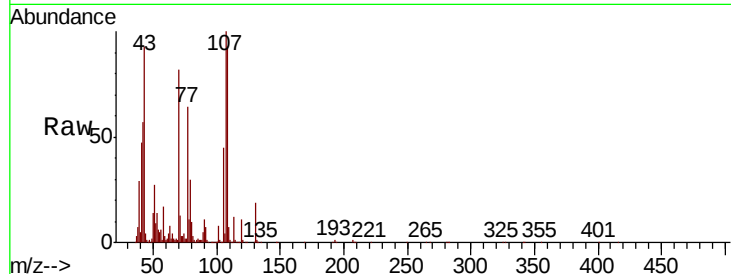




#19
n-Nitroso-di-n-propylamine
Concen: 33.748 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

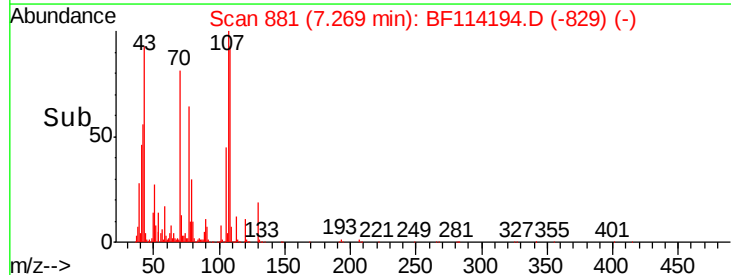
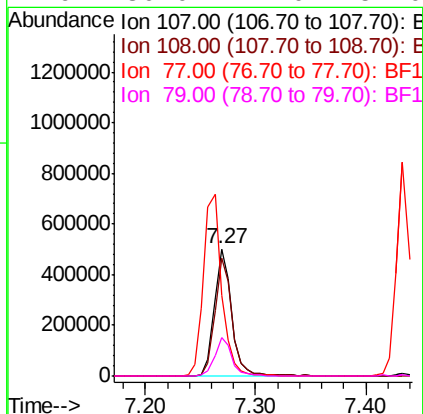
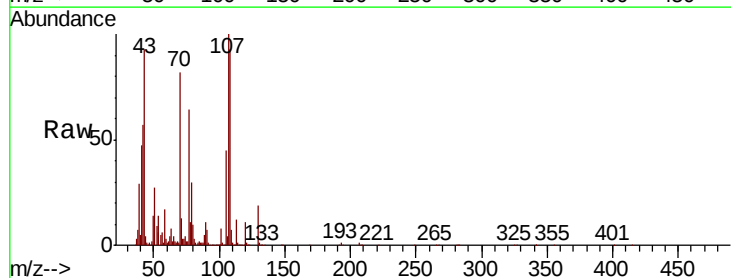
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

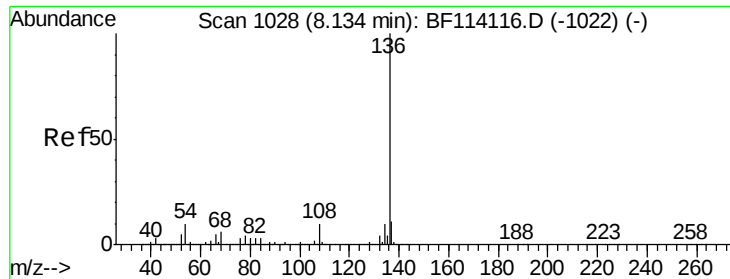
Tgt Ion:	70	Resp:	421118
Ion	Ratio	Lower	Upper
70	100		
42	69.4	58.6	87.8
101	9.9	7.8	11.8
130	23.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 31.868 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:	107	Resp:	537454
Ion	Ratio	Lower	Upper
107	100		
108	93.1	73.8	113.8
77	64.0	111.5	151.5#
79	30.0	12.0	52.0

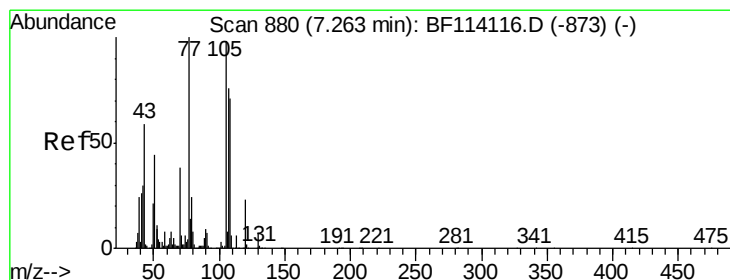
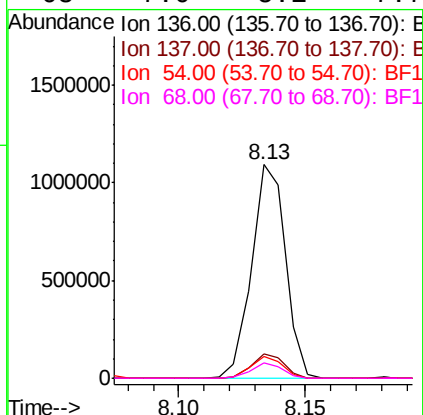
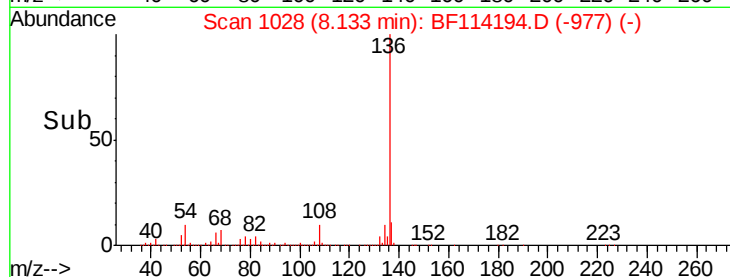
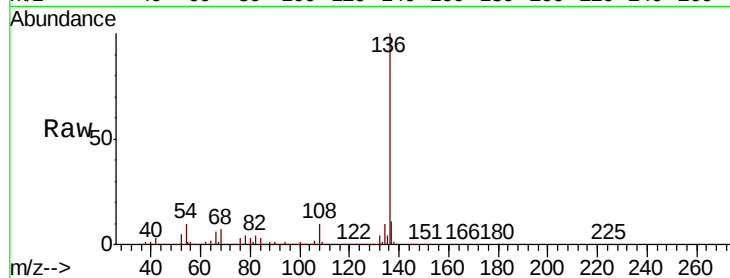




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

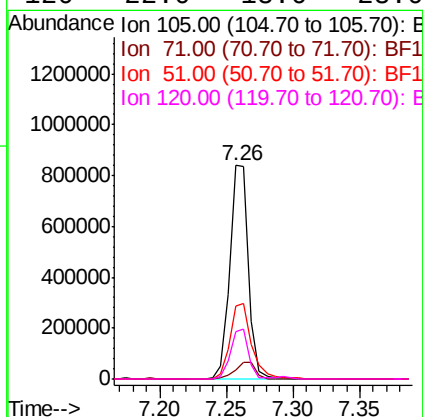
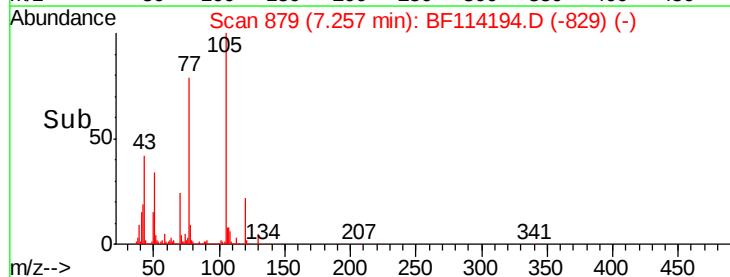
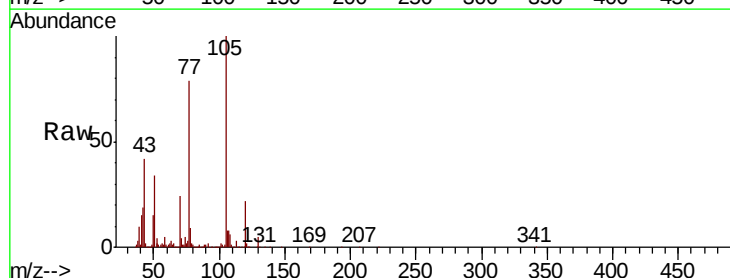
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:	136	Resp:	1021993
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.2	7.8	11.8
68	7.0	5.1	7.7



#22
Acetophenone
Concen: 36.586 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:	105	Resp:	828335
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.3	7.9#
51	34.2	36.2	54.4#
120	22.0	18.6	28.0

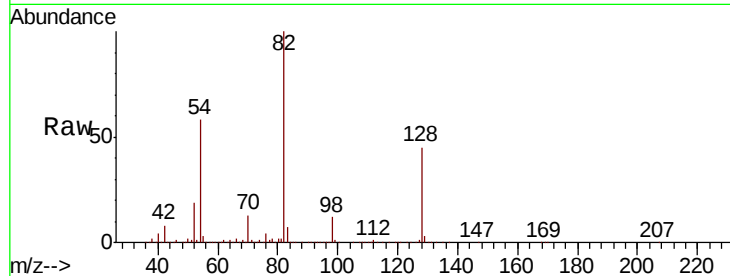




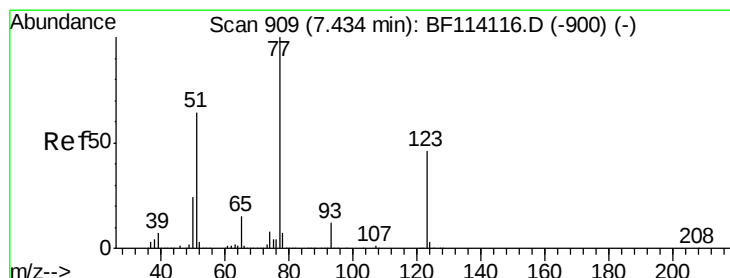
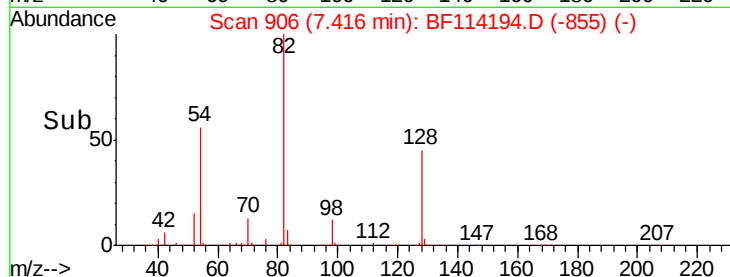
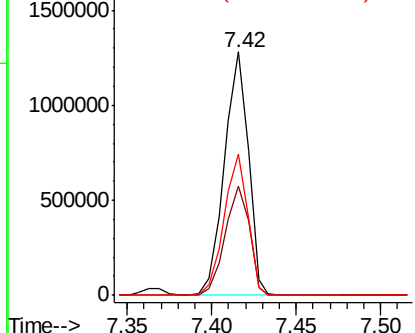
#23
Nitrobenzene-d5
Concen: 69.243 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion: 82 Resp: 1260977
Ion Ratio Lower Upper
82 100
128 45.1 35.5 53.3
54 57.9 48.5 72.7

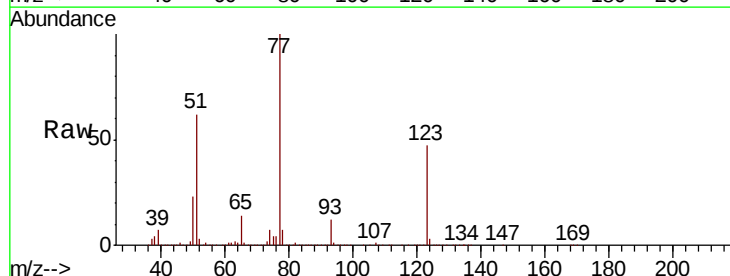


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

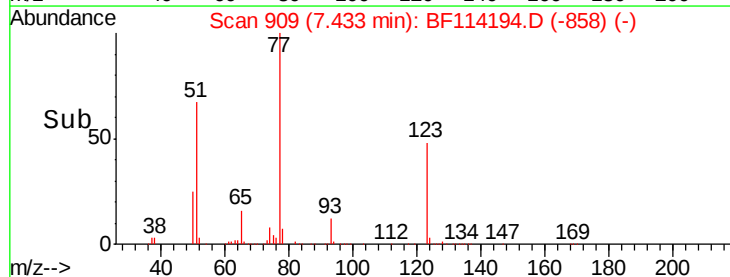
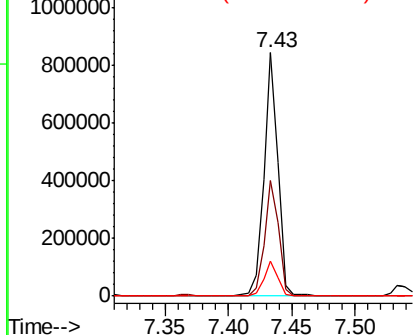


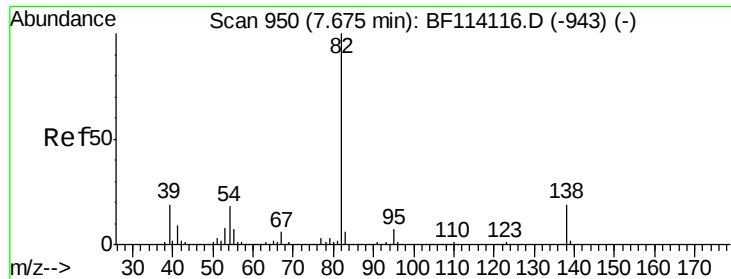
#24
Nitrobenzene
Concen: 35.025 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion: 77 Resp: 649631
Ion Ratio Lower Upper
77 100
123 47.3 36.9 55.3
65 14.2 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: 34.587 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

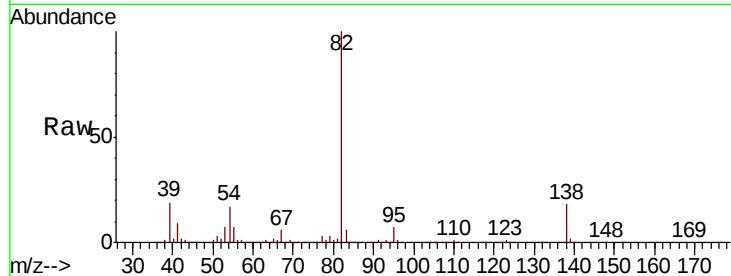
Tgt Ion: 82 Resp: 1168142

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

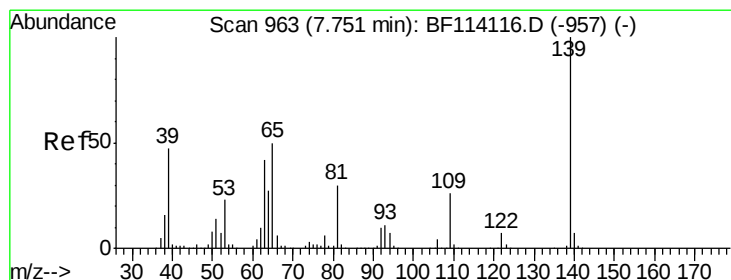
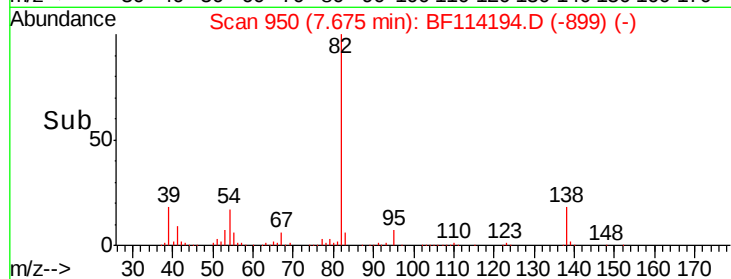
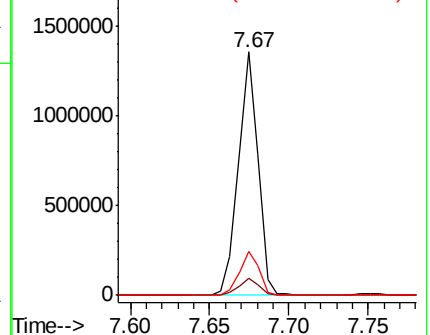
138 18.0 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.711 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

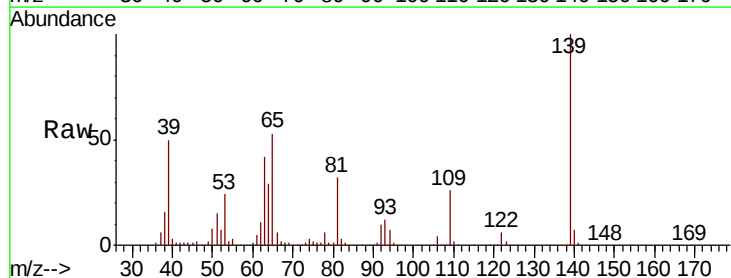
Tgt Ion: 139 Resp: 330350

Ion Ratio Lower Upper

139 100

109 26.2 20.7 31.1

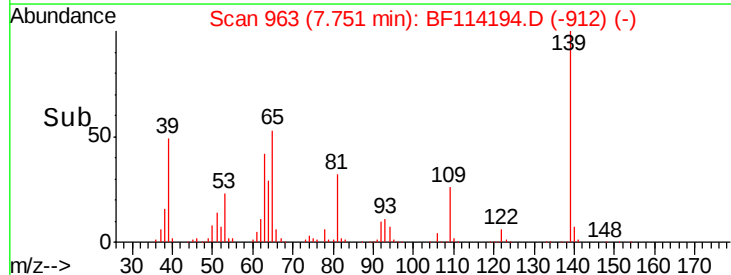
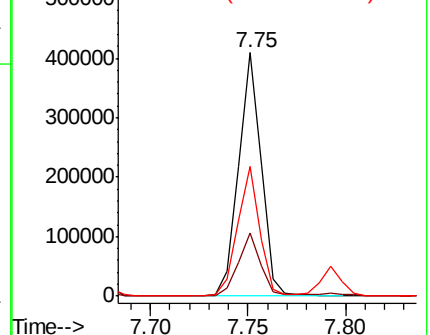
65 53.4 40.2 60.2

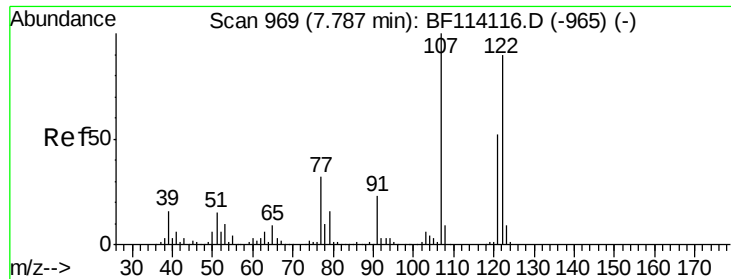


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

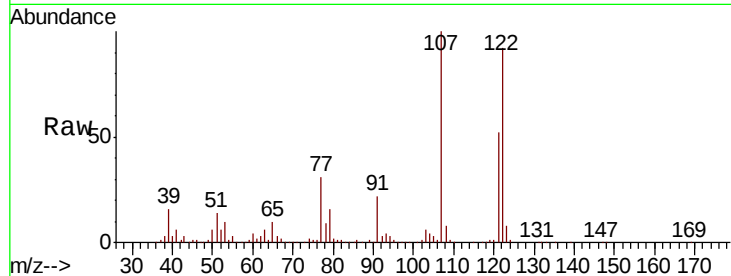




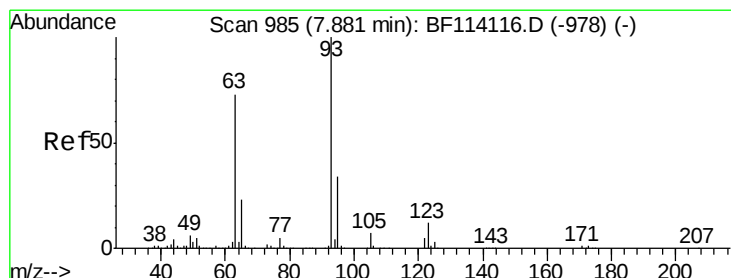
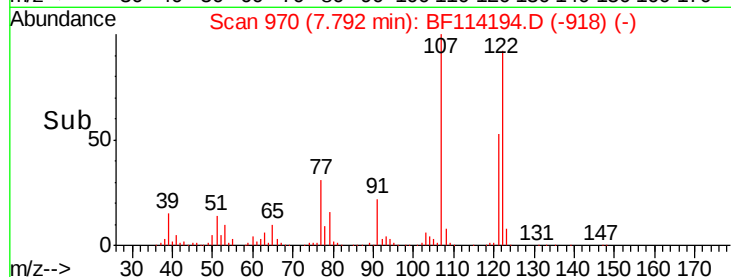
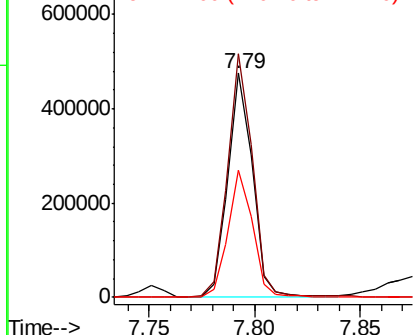
#27
 2,4-Dimethylphenol
 Concen: 27.060 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.6	88.4	132.6
121	57.0	45.9	68.9

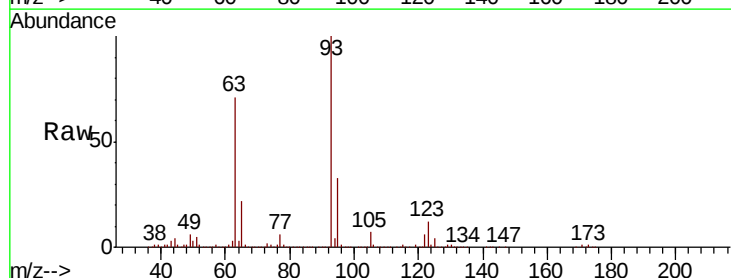


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

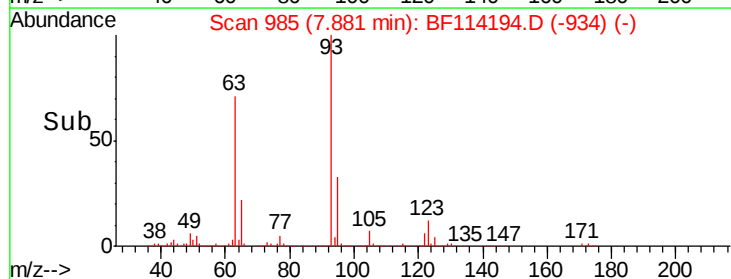
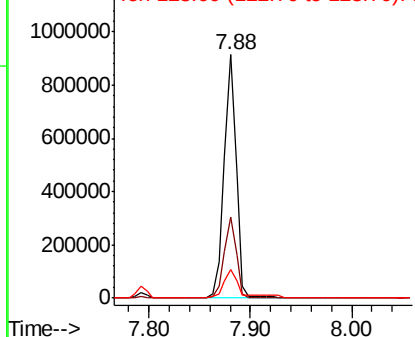


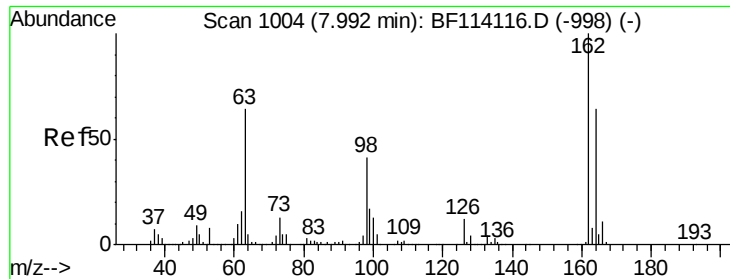
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.443 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.0	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

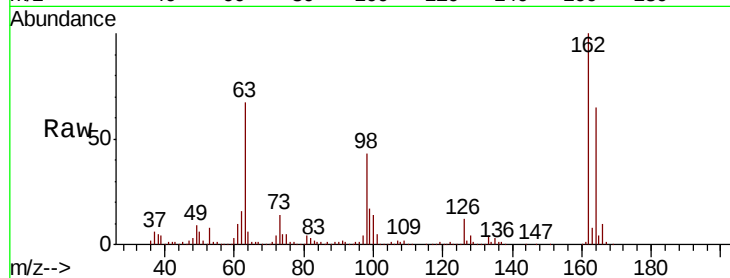




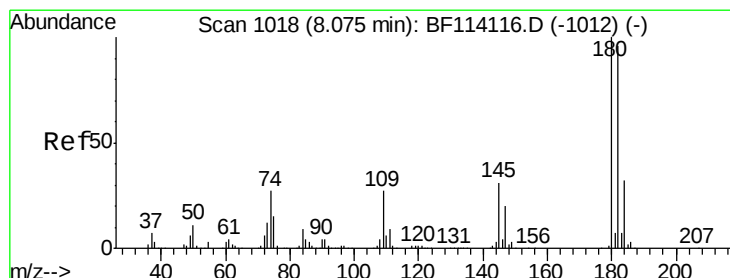
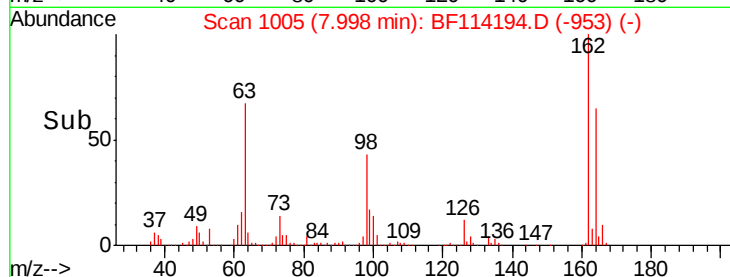
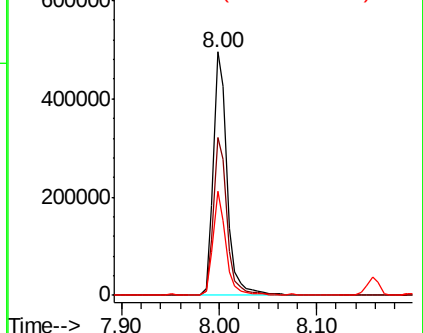
#29
2,4-Dichlorophenol
Concen: 34.771 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.6	83.6
98	42.7	20.6	60.6

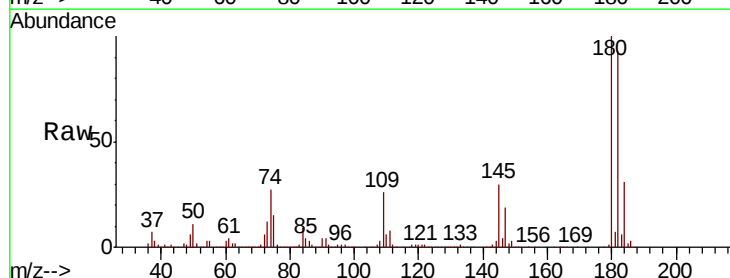


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

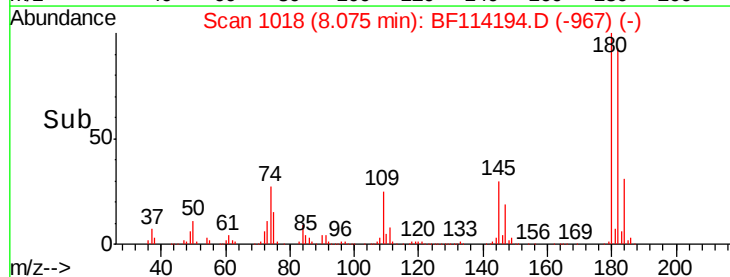
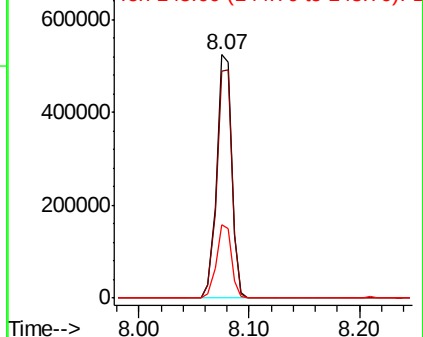


#30
1,2,4-Trichlorobenzene
Concen: 31.280 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.6	114.8
145	30.1	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: 48.801 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

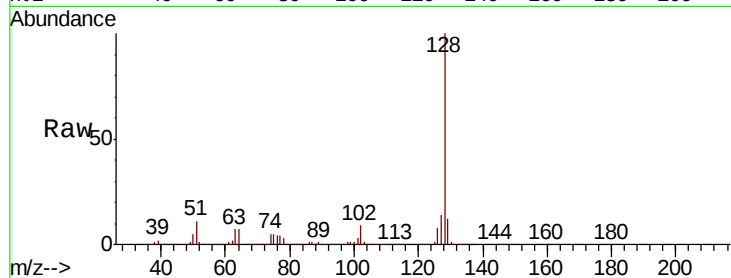
Tgt Ion:128 Resp: 2329720

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

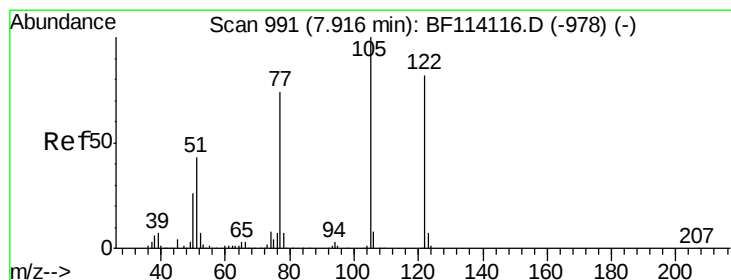
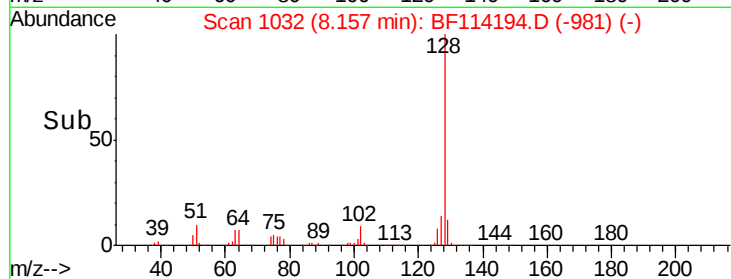
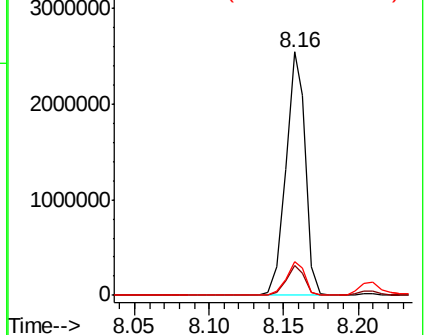
127 13.8 11.3 16.9



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: 43.886 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

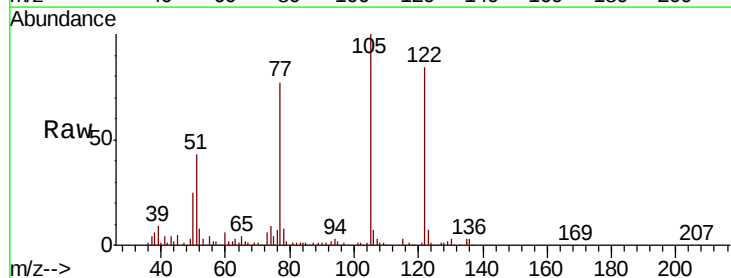
Tgt Ion:122 Resp: 435157

Ion Ratio Lower Upper

122 100

105 118.6 99.9 139.9

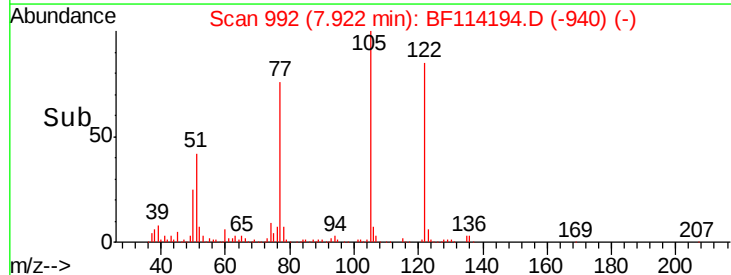
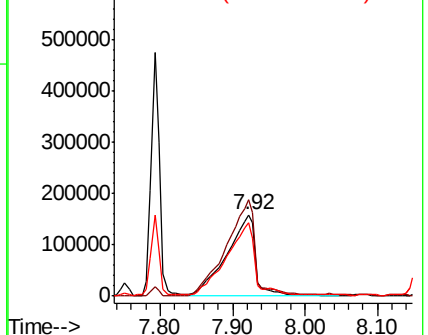
77 90.9 69.4 109.4



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

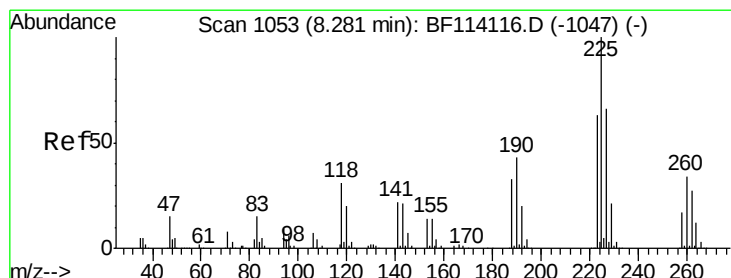
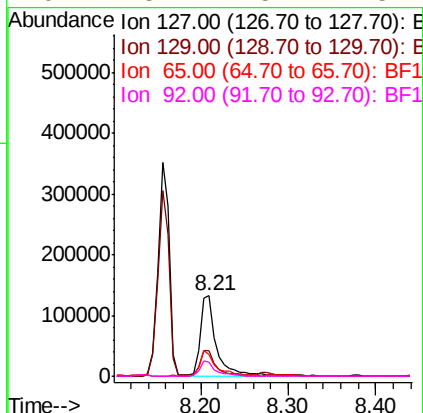
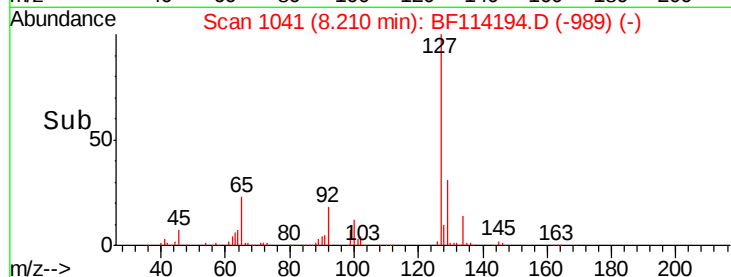
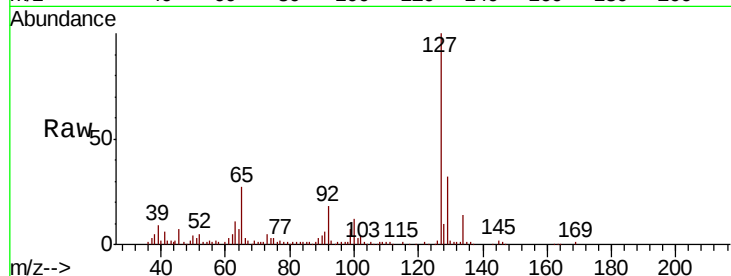




#33
4-Chloroaniline
Concen: 7.711 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

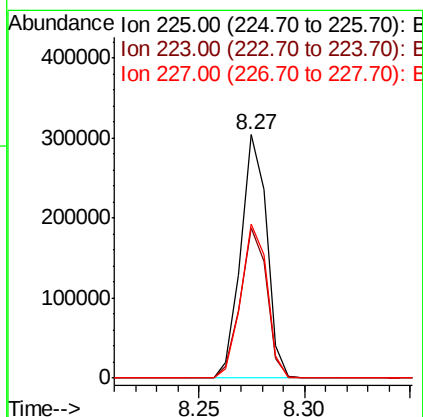
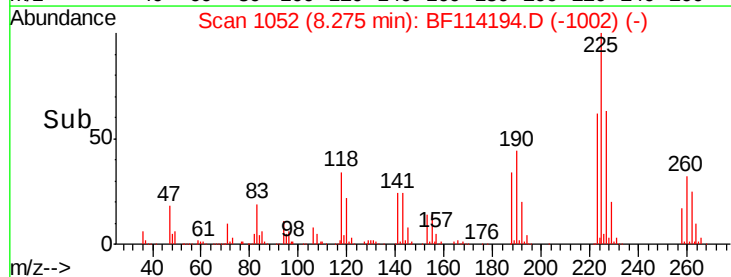
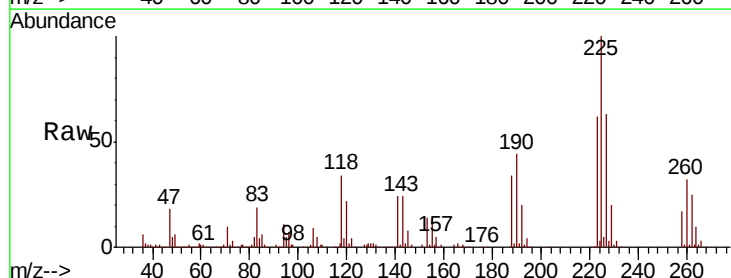
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

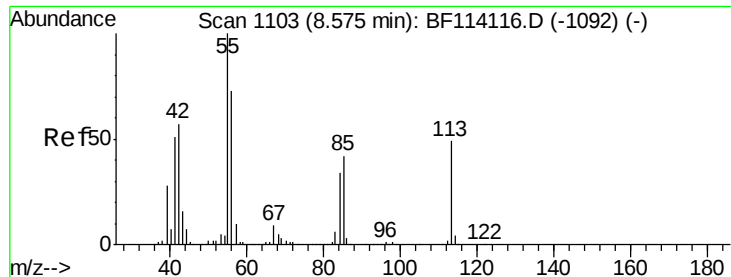
Tgt Ion:	127	Resp:	167738
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	27.1	25.4	38.0
92	18.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 28.413 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:	225	Resp:	258718
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.2
227	63.0	52.6	79.0

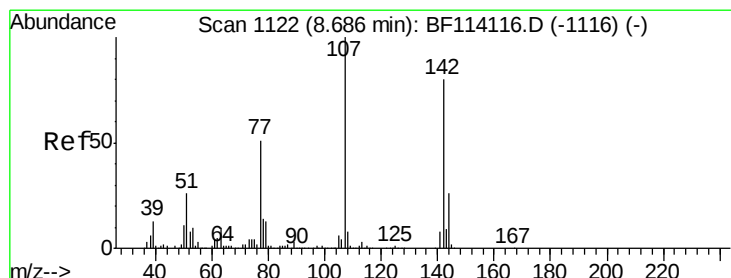
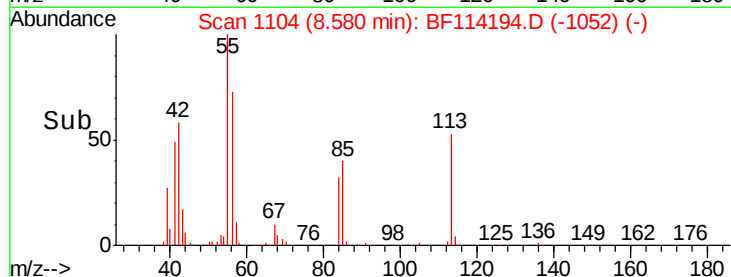
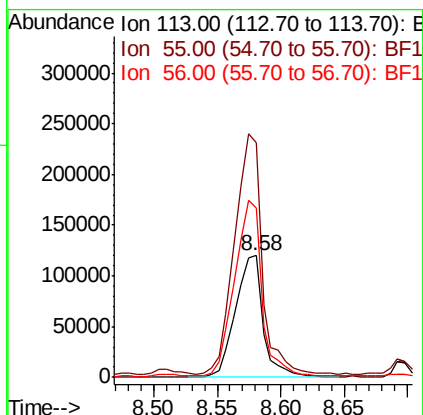
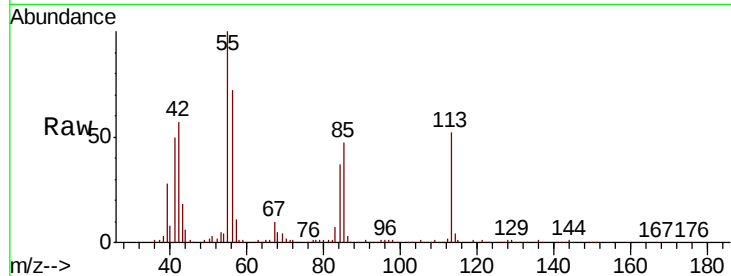




#35
 Caprolactam
 Concen: 39.468 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

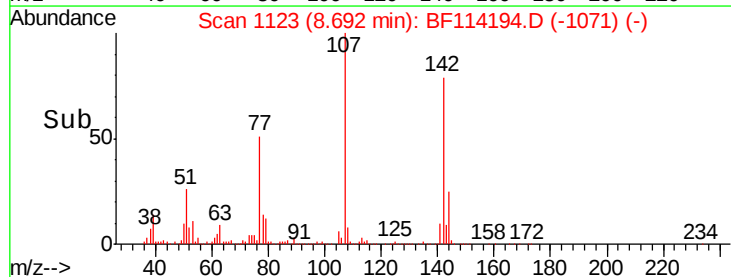
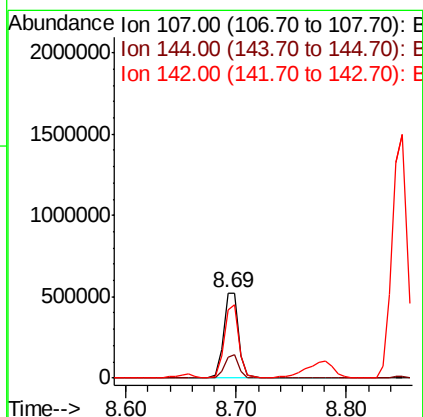
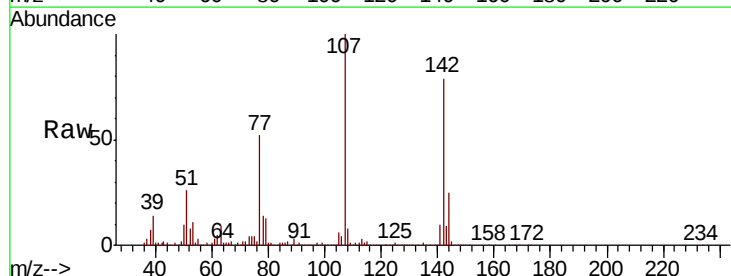
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

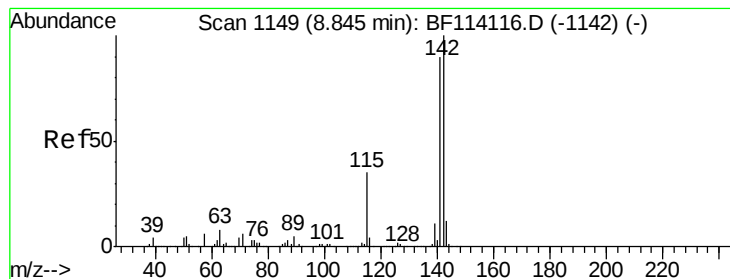
Tgt Ion:113 Resp: 181115
 Ion Ratio Lower Upper
 113 100
 55 192.4 183.5 223.5
 56 139.2 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 35.437 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:107 Resp: 502009
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 79.4 64.2 96.4





#37

2-Methylnaphthalene

Concen: 44.884 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

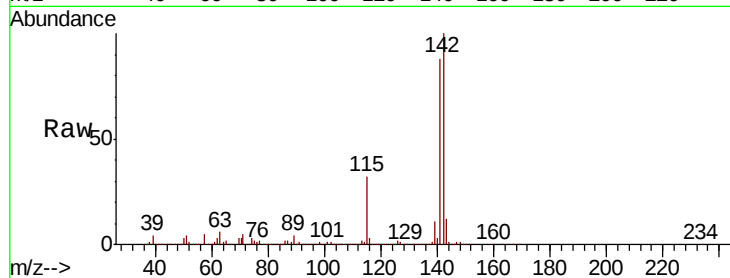
Tgt Ion:142 Resp: 1382461

Ion Ratio Lower Upper

142 100

141 88.3 72.1 108.1

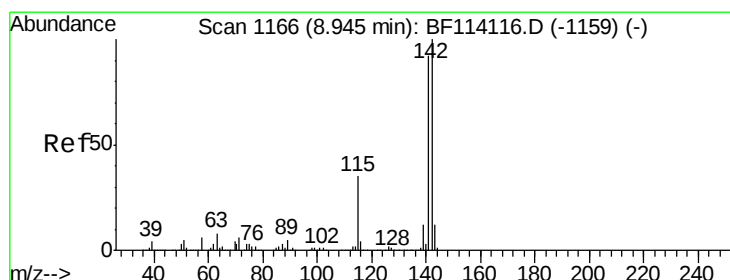
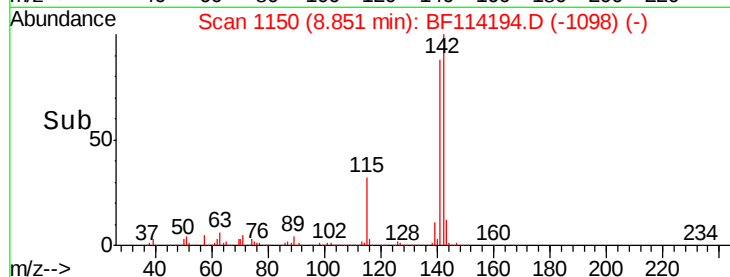
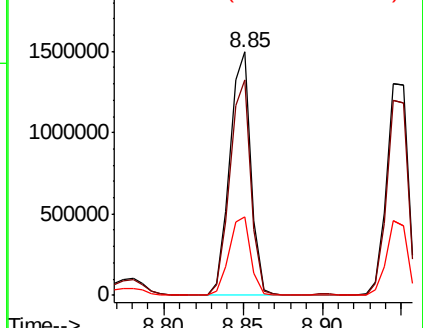
115 32.3 28.0 42.0



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: 42.006 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

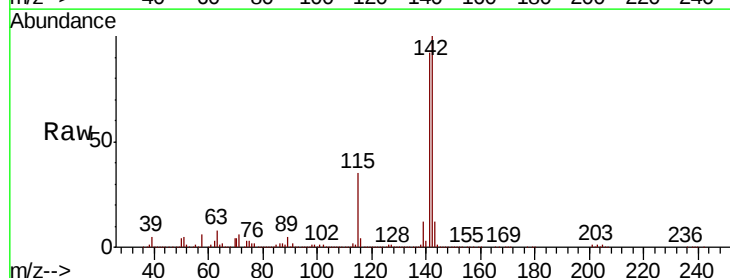
Tgt Ion:142 Resp: 1218407

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

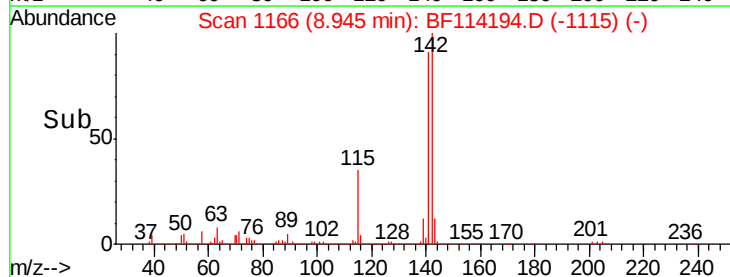
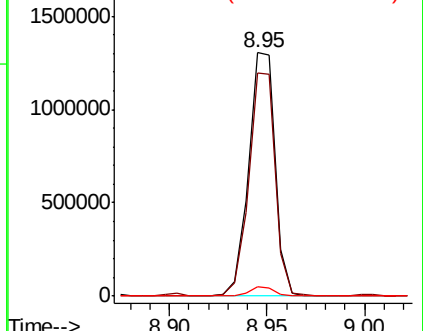
116 3.8 3.1 4.7

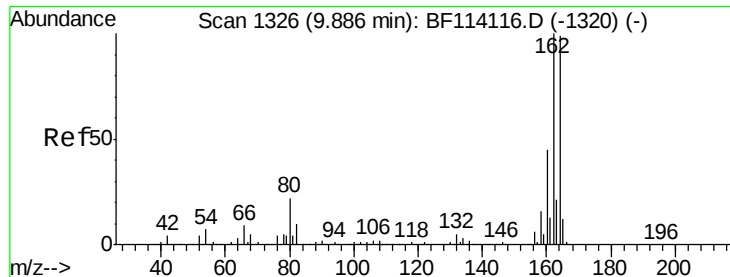


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

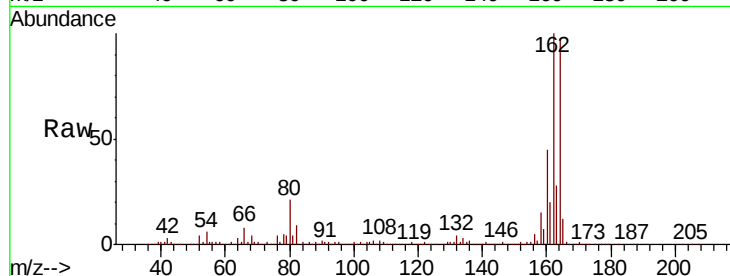
Tgt Ion:164 Resp: 473861

Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

160 46.6 36.5 54.7

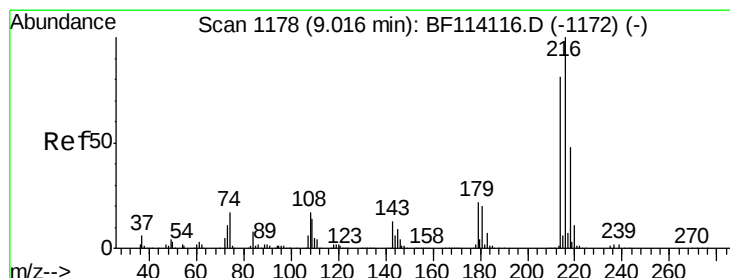
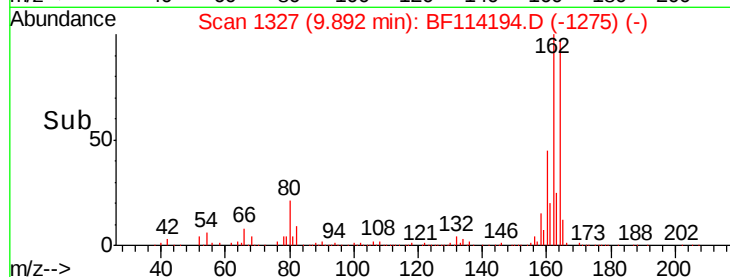
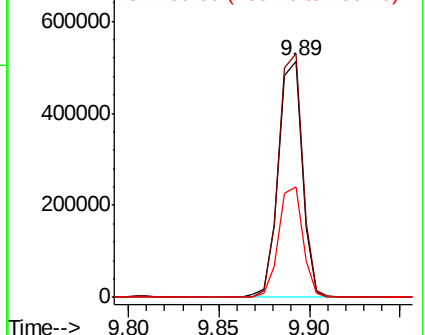


Abundance

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: 33.517 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:216 Resp: 481118

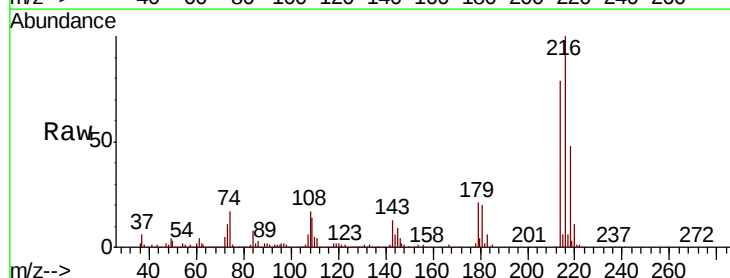
Ion Ratio Lower Upper

216 100

214 78.2 63.9 95.9

179 20.7 17.0 25.6

108 17.2 14.8 22.2



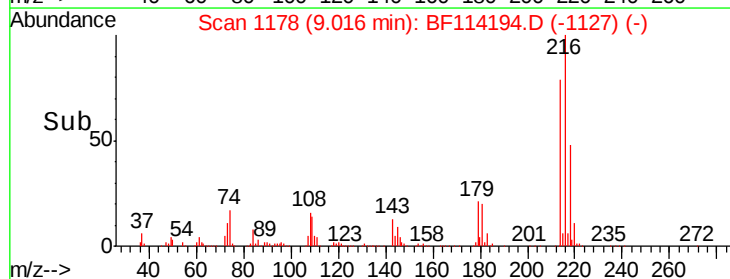
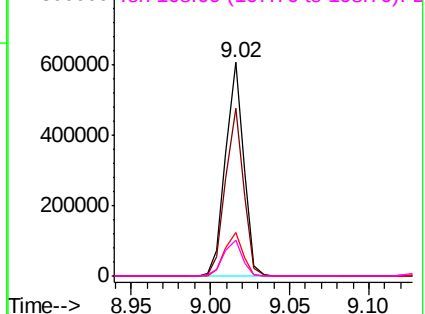
Abundance

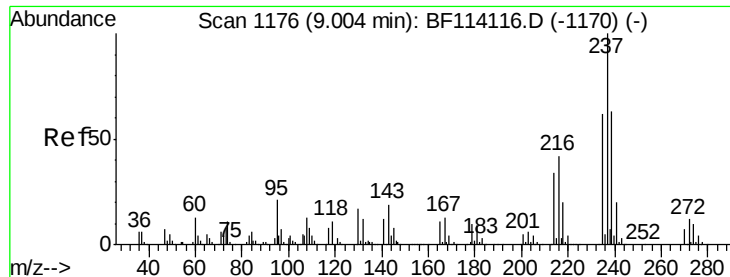
Ion 216.00 (215.70 to 216.70): E

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: 11.874 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

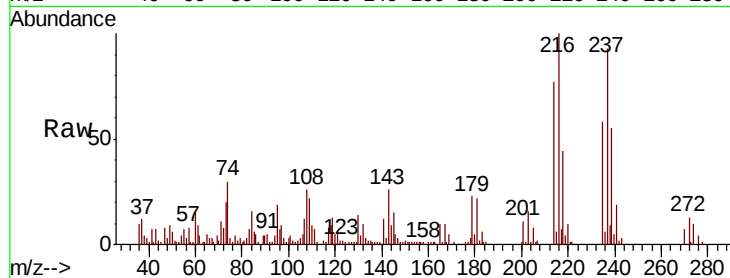
Tgt Ion: 237 Resp: 53374

Ion Ratio Lower Upper

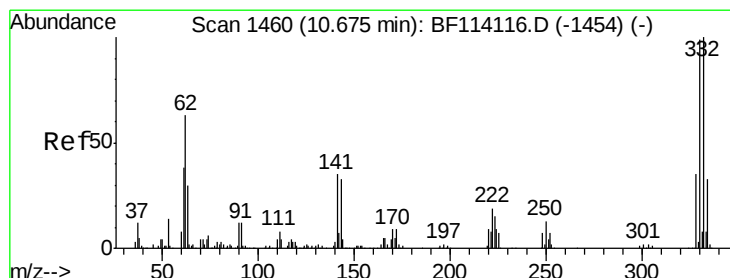
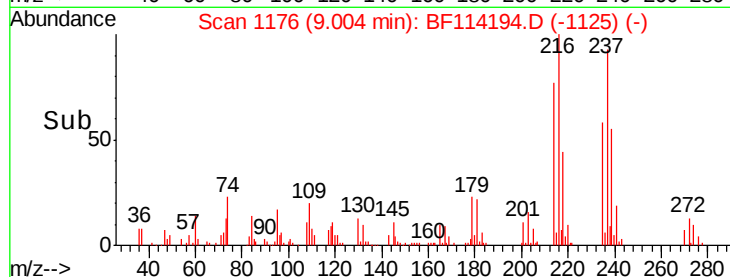
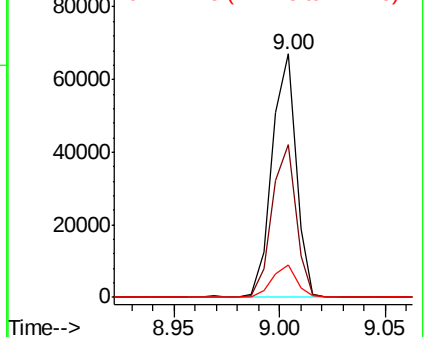
237 100

235 62.6 42.0 82.0

272 13.4 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: 88.297 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

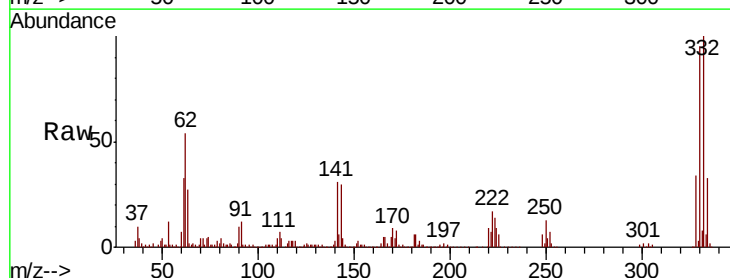
Tgt Ion: 330 Resp: 432562

Ion Ratio Lower Upper

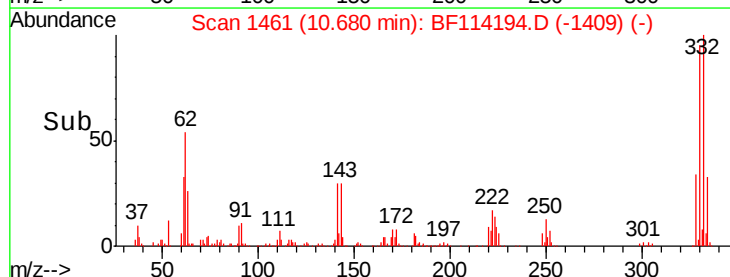
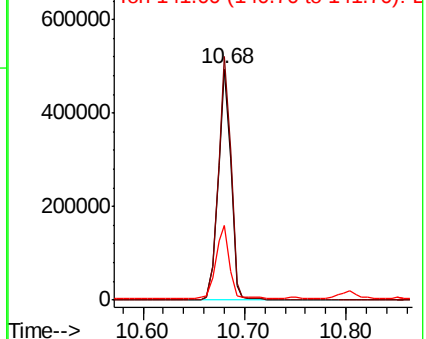
330 100

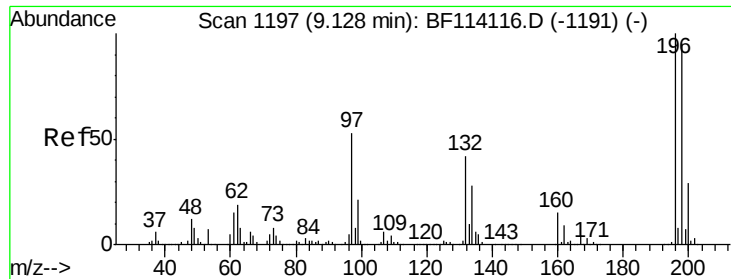
332 104.7 81.4 122.2

141 33.0 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

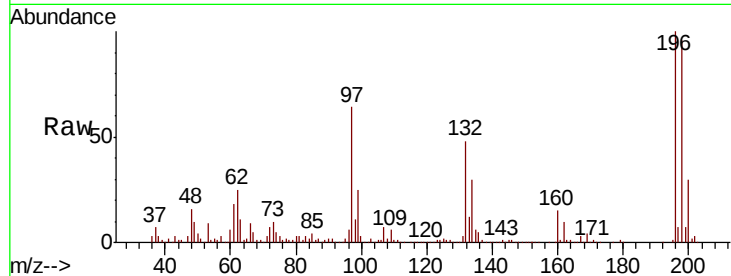




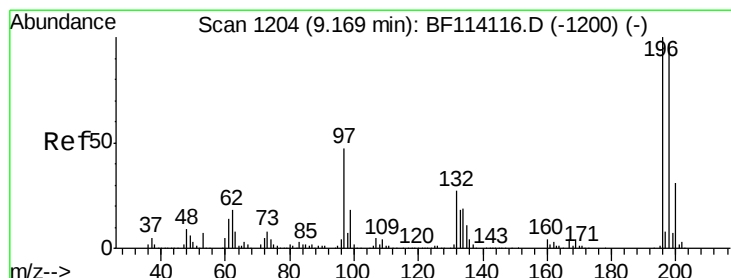
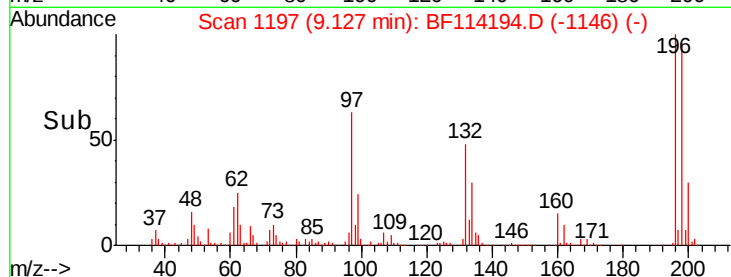
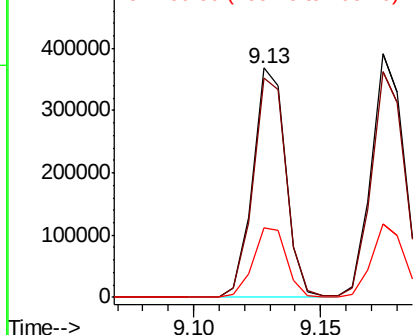
#43
 2,4,6-Trichlorophenol
 Concen: 33.986 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion:196 Resp: 335553
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.9 113.9
 200 30.4 23.5 35.3

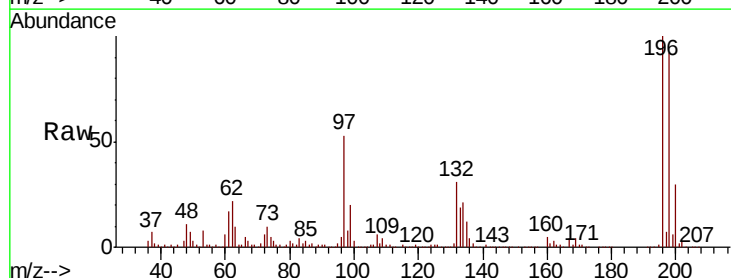


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

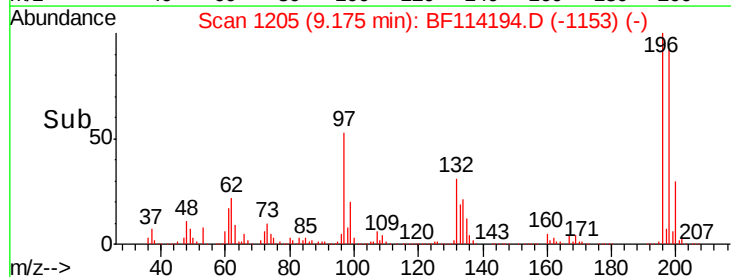
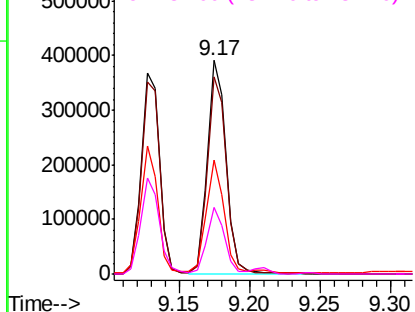


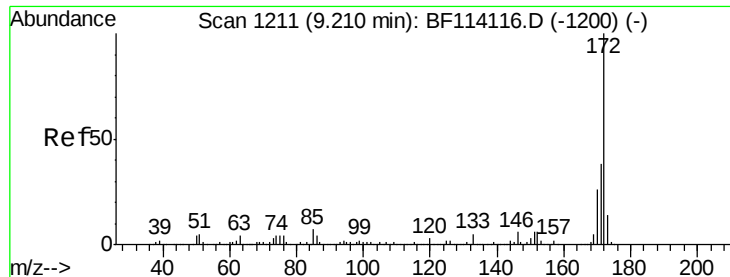
#44
 2,4,5-Trichlorophenol
 Concen: 35.468 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:196 Resp: 359126
 Ion Ratio Lower Upper
 196 100
 198 92.5 77.7 116.5
 97 53.3 38.2 57.2
 132 31.1 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

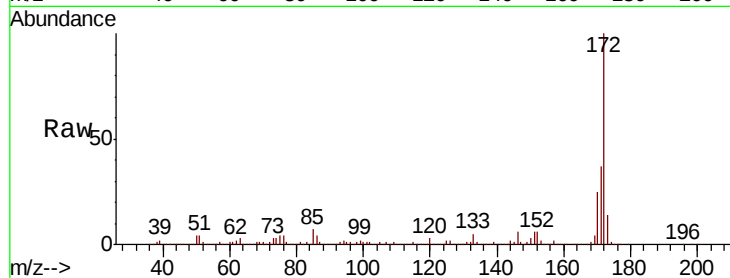




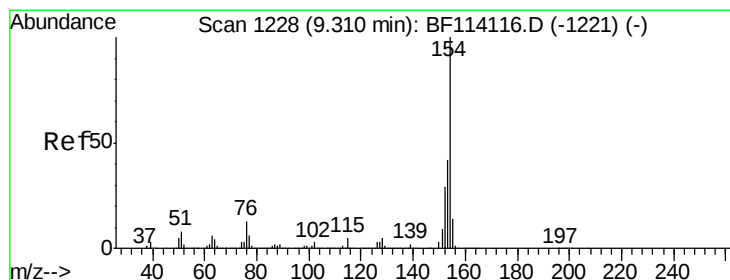
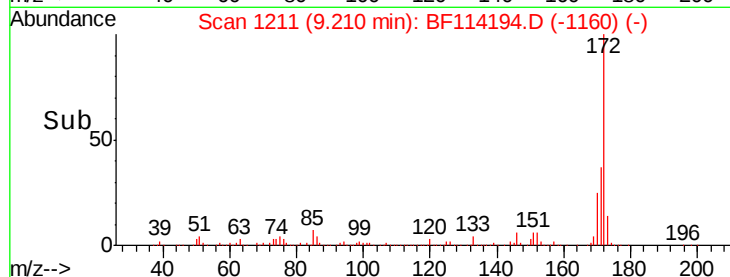
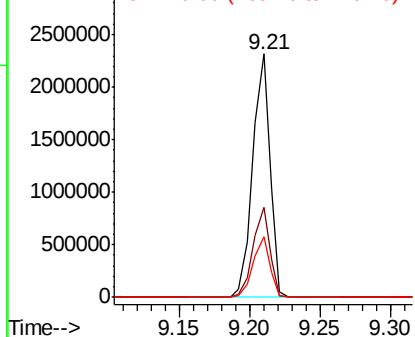
#45
 2-Fluorobiphenyl
 Concen: 64.027 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion:172 Resp: 2005723
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.7 46.1
 170 24.7 20.5 30.7

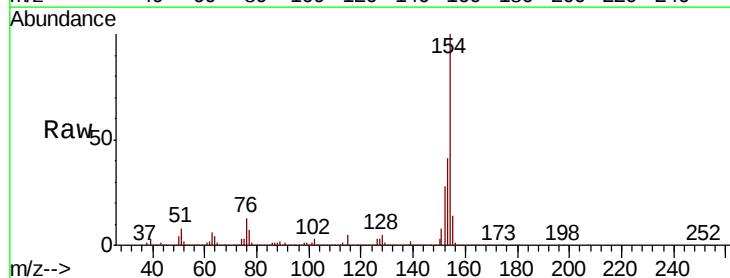


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

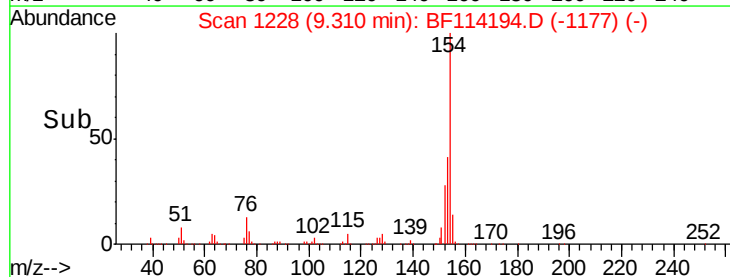
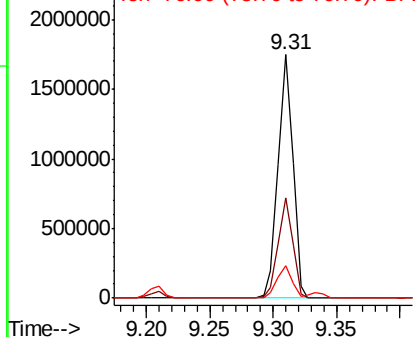


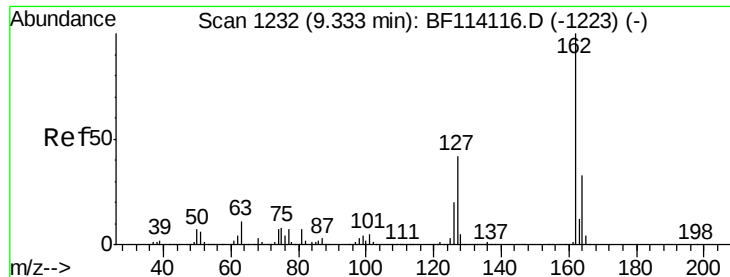
#46
 1,1'-Biphenyl
 Concen: 36.780 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:154 Resp: 1407976
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.9 61.9
 76 13.4 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

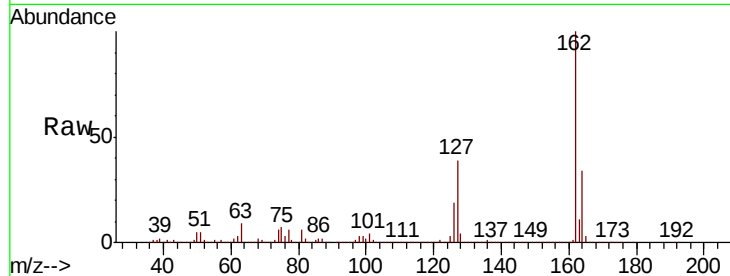




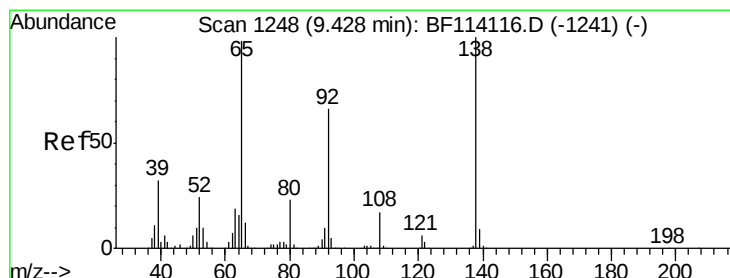
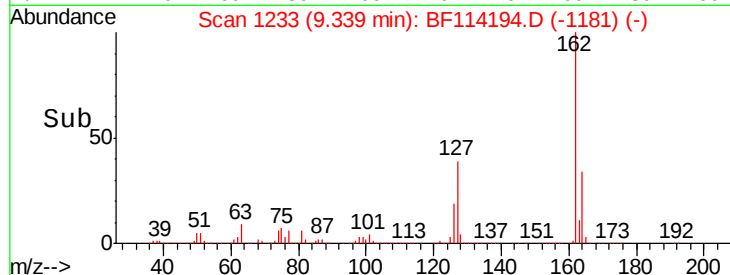
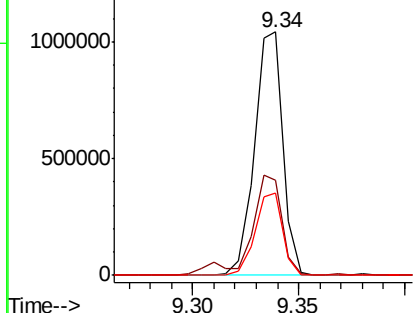
#47
 2-Chloronaphthalene
 Concen: 31.747 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion:	162	Resp:	978097
Ion	Ratio	Lower	Upper
162	100		
127	39.3	34.0	51.0
164	33.8	26.7	40.1

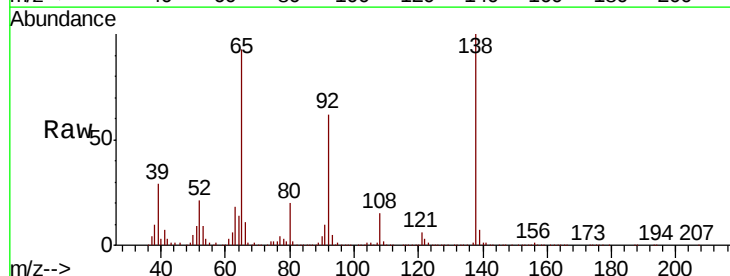


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

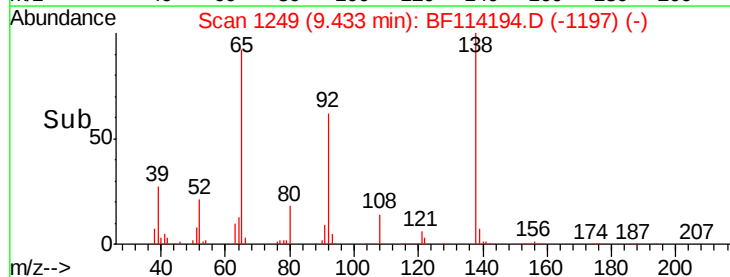
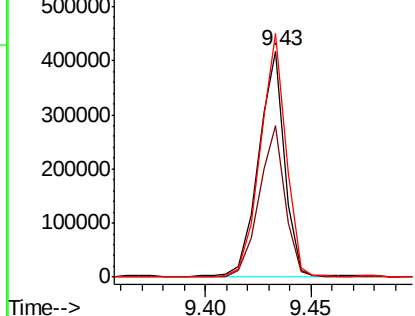


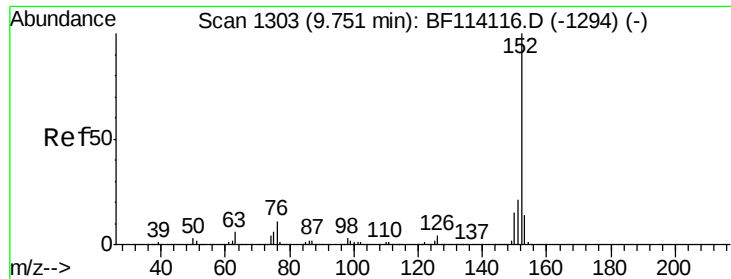
#48
 2-Nitroaniline
 Concen: 32.353 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:	65	Resp:	353498
Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.9	80.9
138	107.7	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.980 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

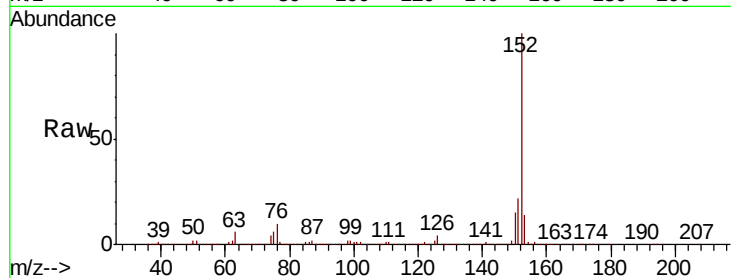
Tgt Ion:152 Resp: 2623100

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

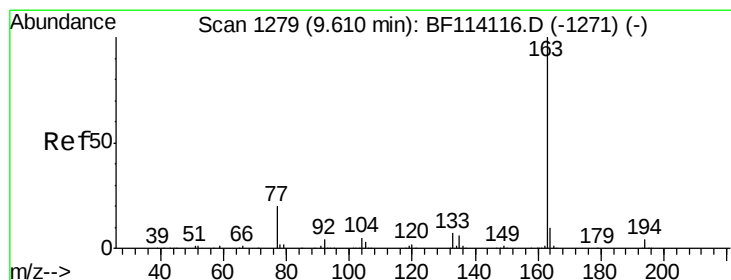
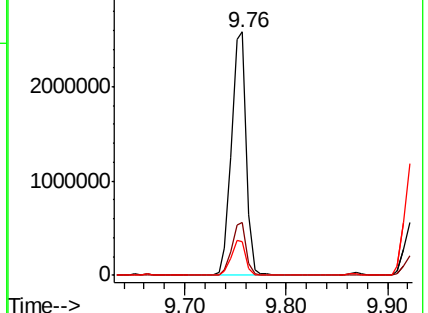
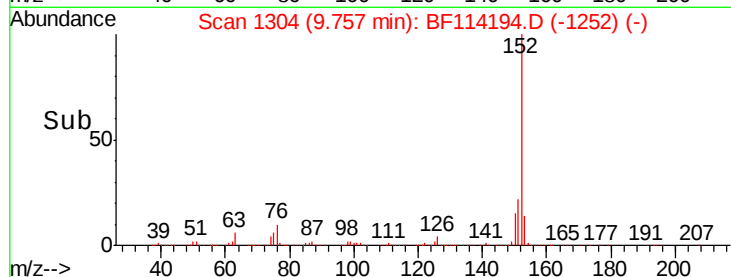
153 14.0 11.4 17.2



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: 42.367 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

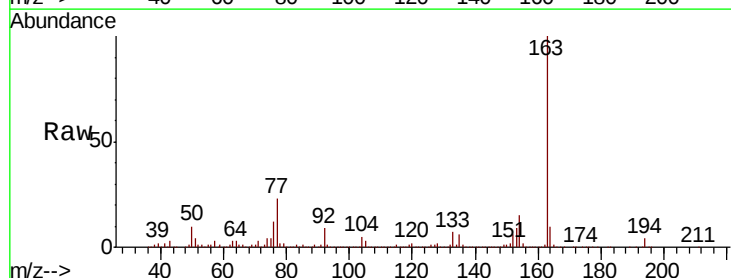
Tgt Ion:163 Resp: 1473755

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

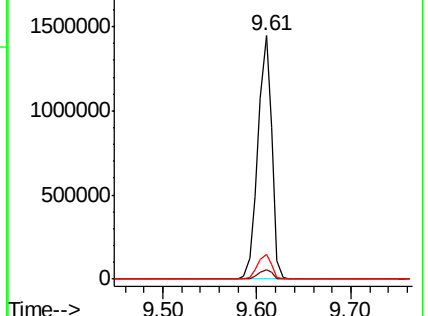
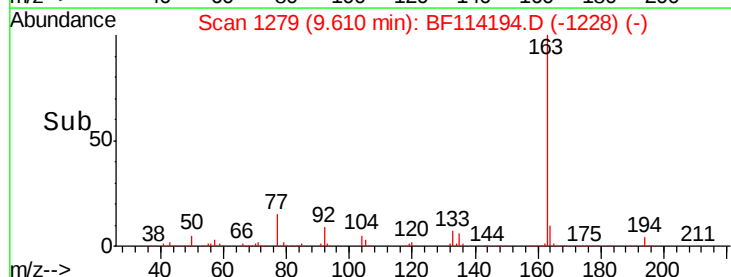
164 10.0 8.2 12.2

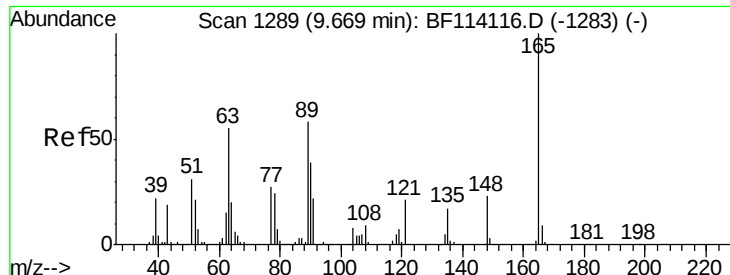


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

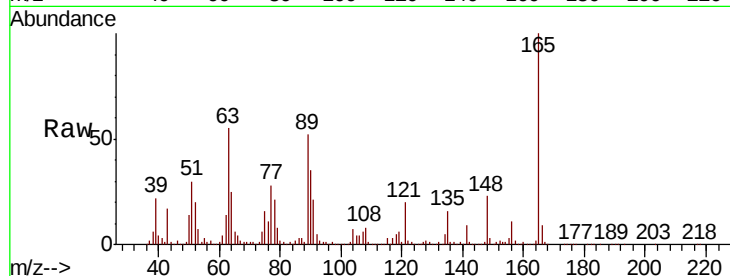




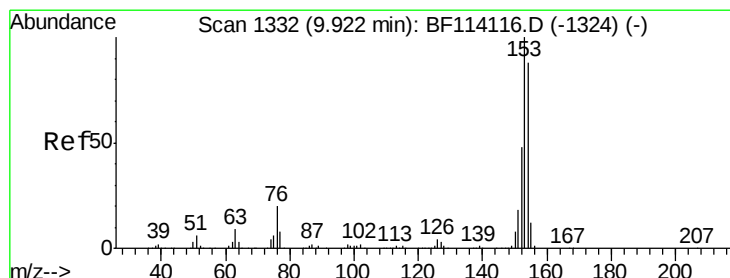
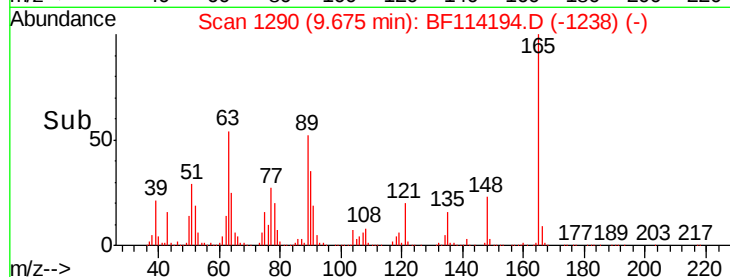
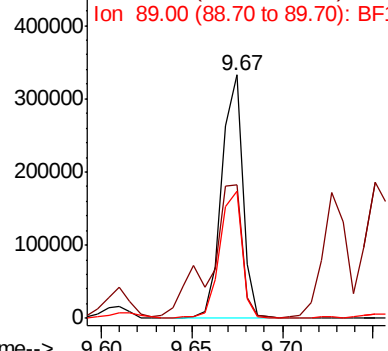
#51
2,6-Dinitrotoluene
Concen: 34.580 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:165 Resp: 266803
Ion Ratio Lower Upper
165 100
63 54.9 50.2 75.4
89 52.3 46.6 69.8

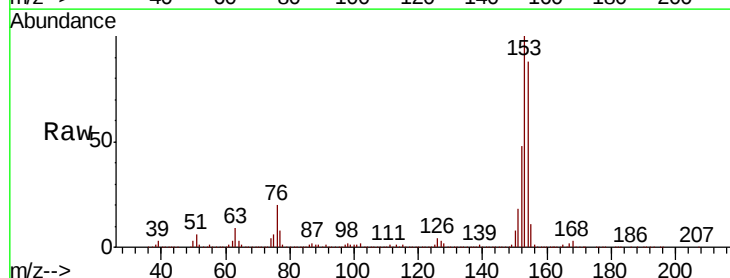


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

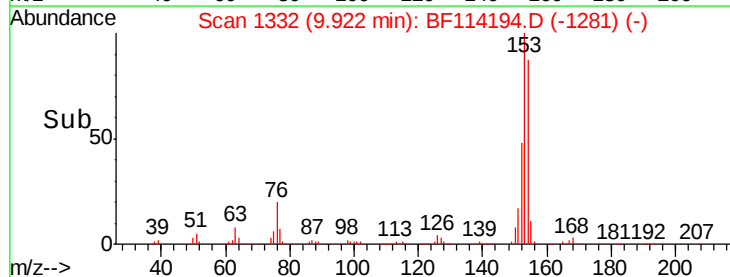
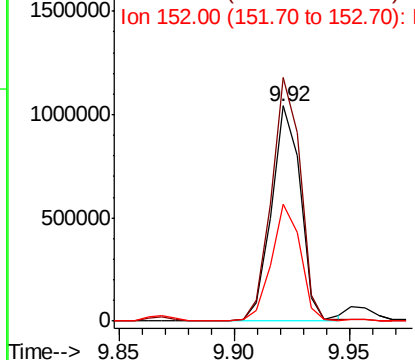


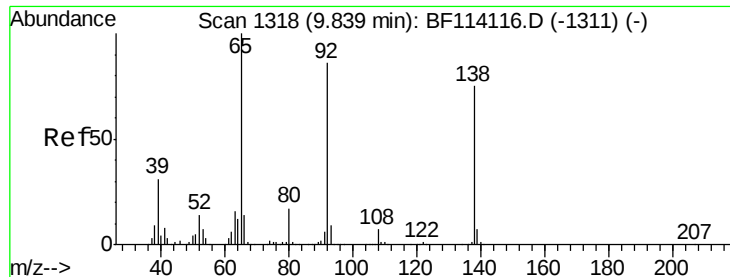
#52
Acenaphthene
Concen: 31.616 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:154 Resp: 909086
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 54.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

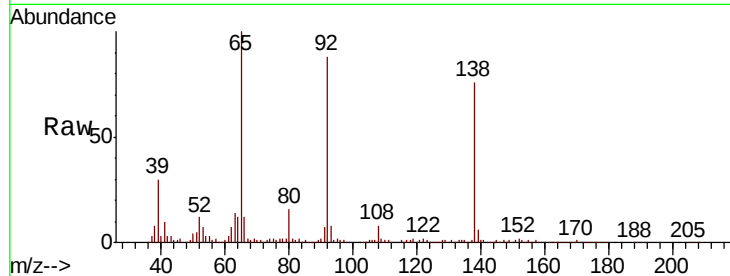




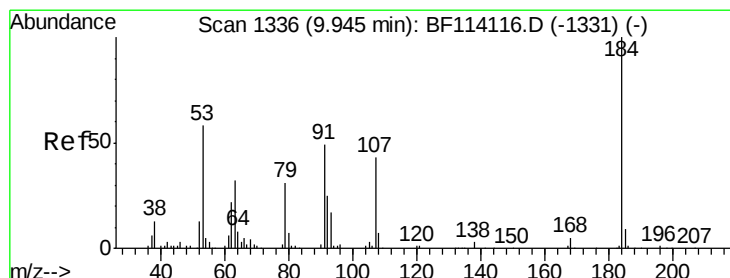
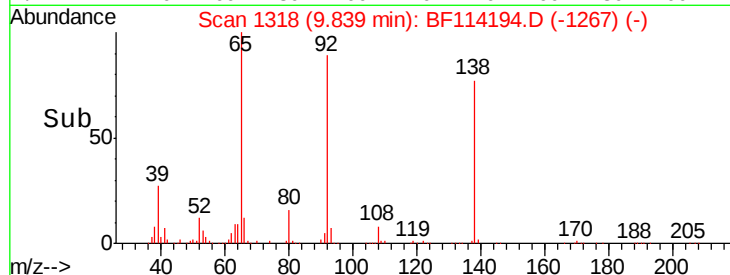
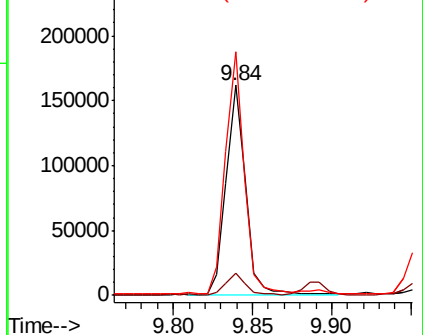
#53
3-Nitroaniline
Concen: 14.382 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:138 Resp: 137744
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 115.9 91.2 136.8

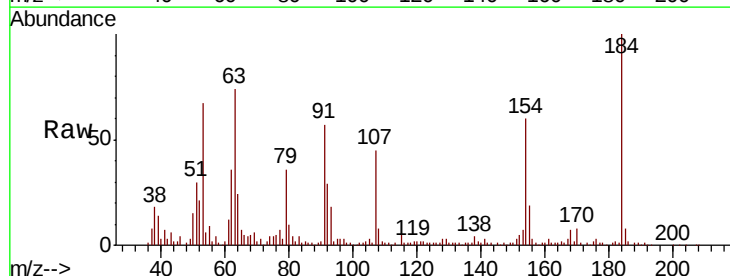


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

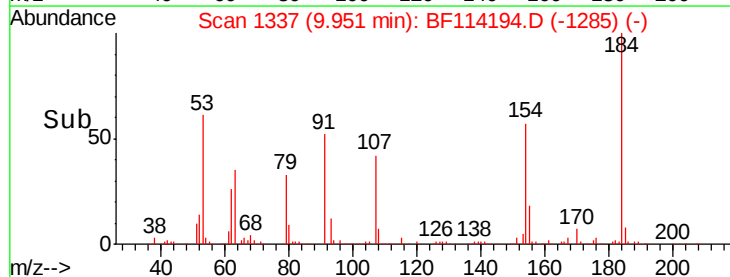
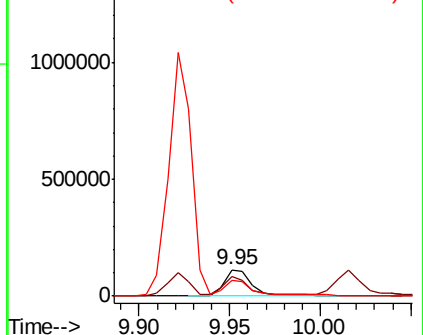


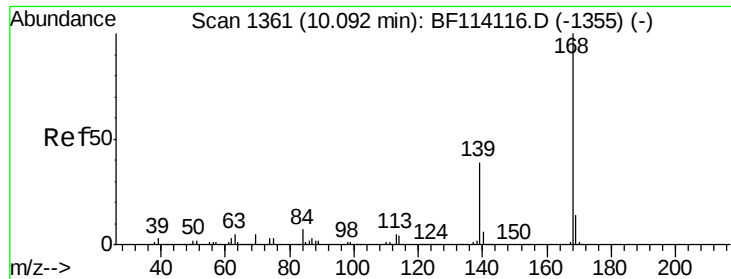
#54
2,4-Dinitrophenol
Concen: 35.737 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:184 Resp: 122834
Ion Ratio Lower Upper
184 100
63 74.3 55.6 83.4
154 59.6 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

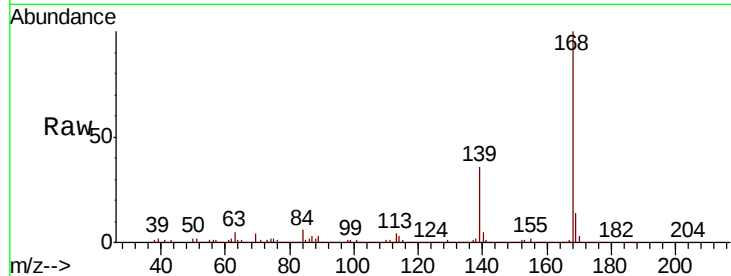




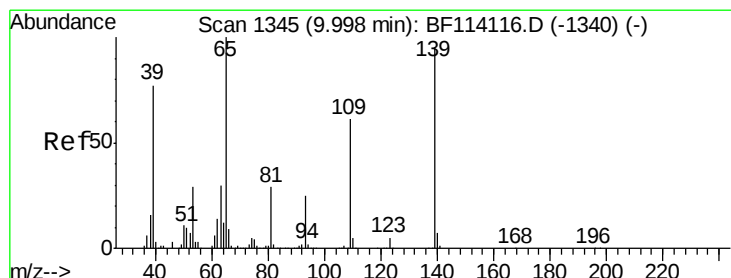
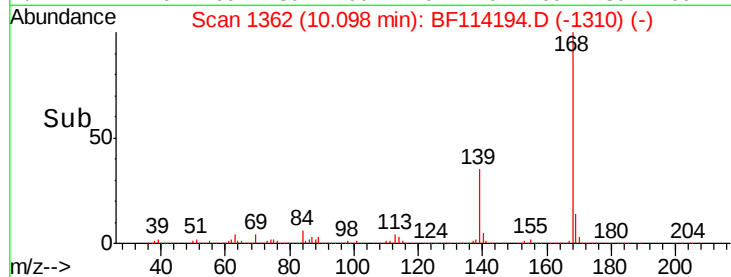
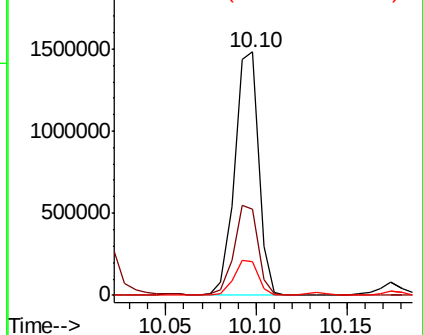
#55
Dibenzofuran
Concen: 32.427 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:168 Resp: 1367235
Ion Ratio Lower Upper
168 100
139 35.5 31.1 46.7
169 14.0 11.4 17.0

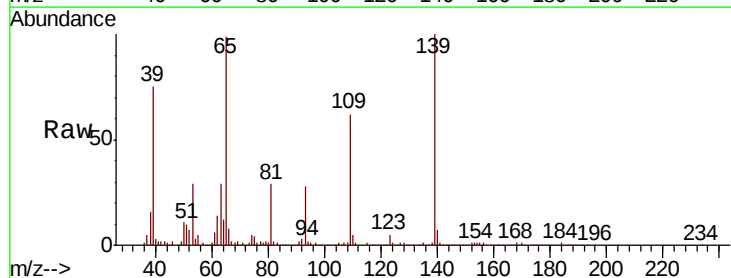


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

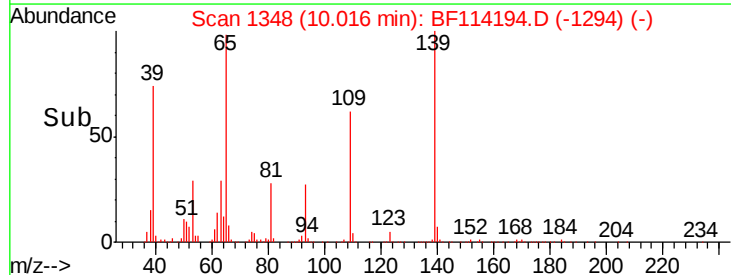
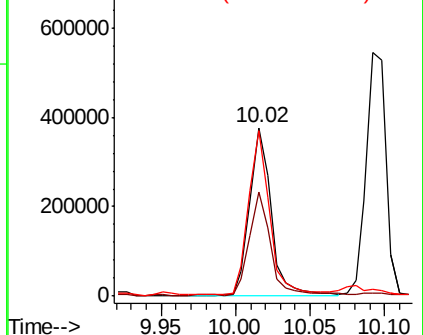


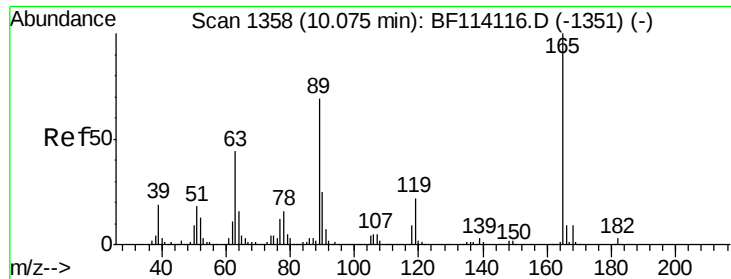
#56
4-Nitrophenol
Concen: 55.783 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:139 Resp: 377826
Ion Ratio Lower Upper
139 100
109 61.9 43.9 83.9
65 98.7 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

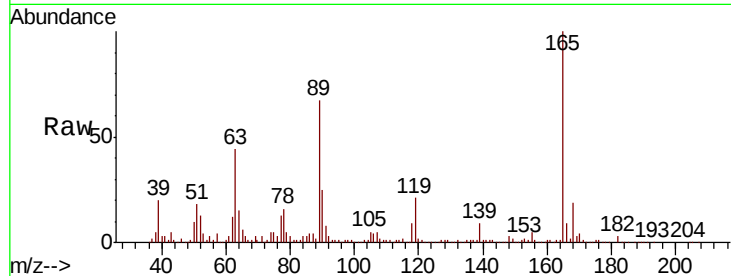




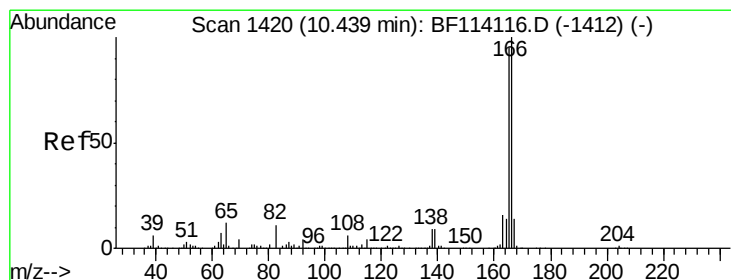
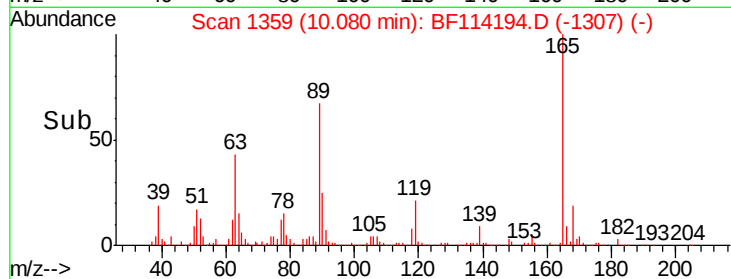
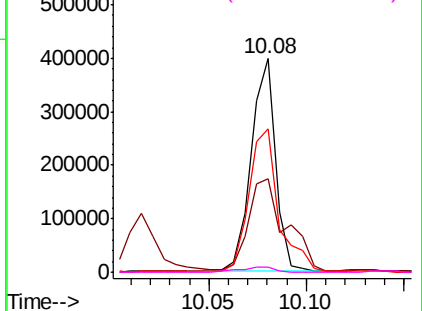
#57
 2,4-Dinitrotoluene
 Concen: 33.071 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion:	165	Resp:	346328
Ion	Ratio	Lower	Upper
165	100		
63	43.9	35.5	53.3
89	67.4	55.2	82.8
182	2.6	2.2	3.2

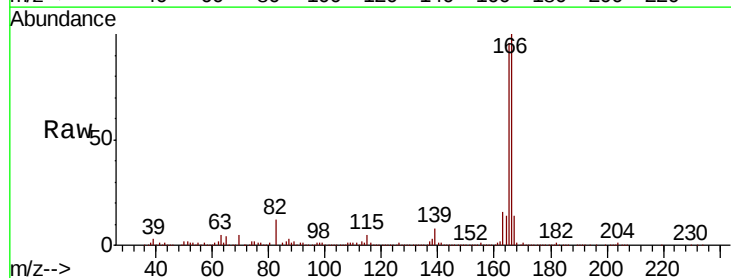


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

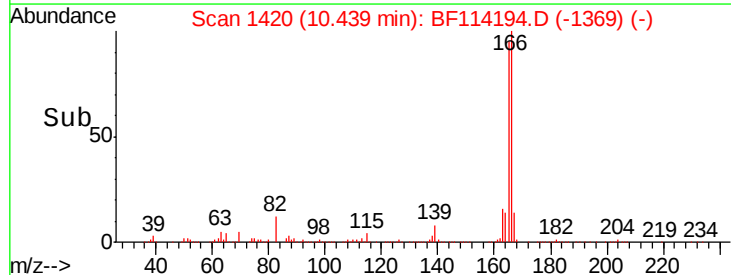
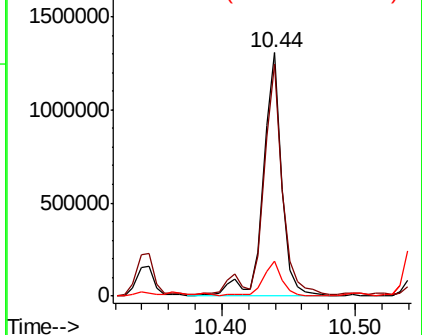


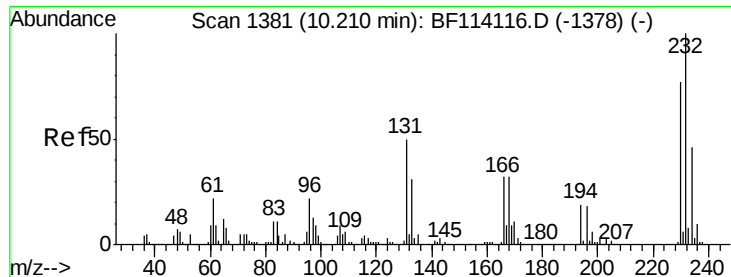
#58
 Fluorene
 Concen: 37.817 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:	166	Resp:	1231614
Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.1	114.1
167	14.2	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

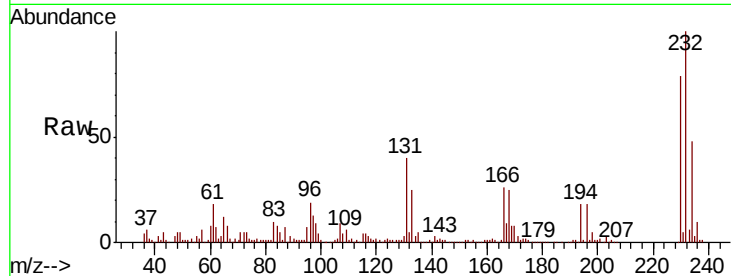




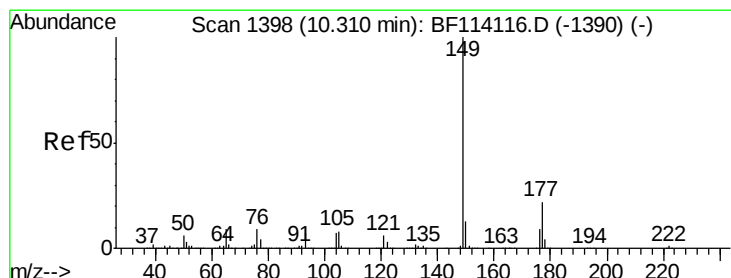
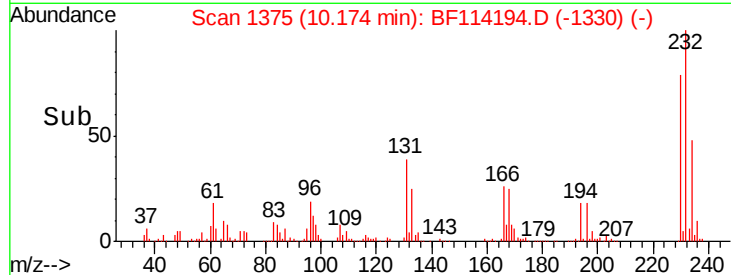
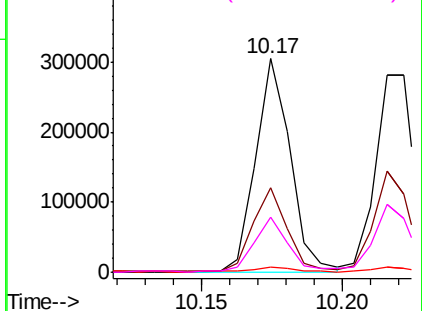
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.742 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

Tgt Ion:	232	Resp:	259850
Ion	Ratio	Lower	Upper
232	100		
131	38.5	35.6	53.4
130	2.2	1.6	2.4
166	24.8	24.1	36.1

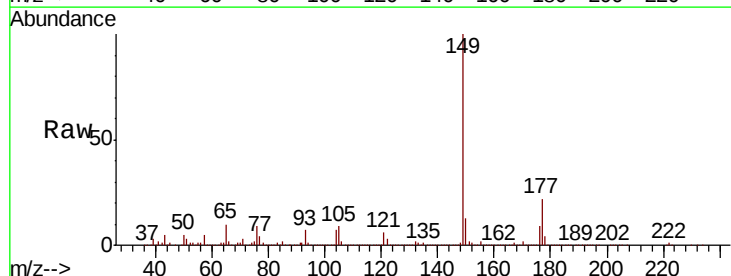


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

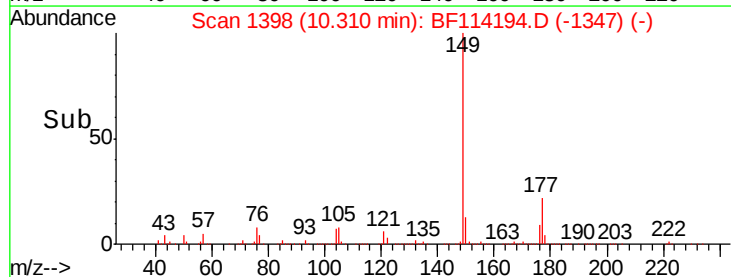
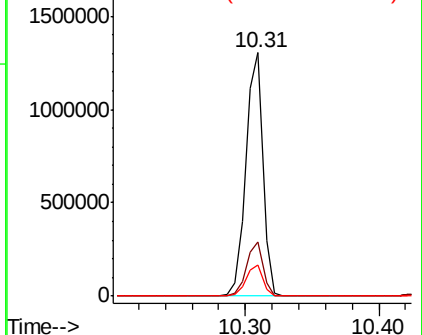


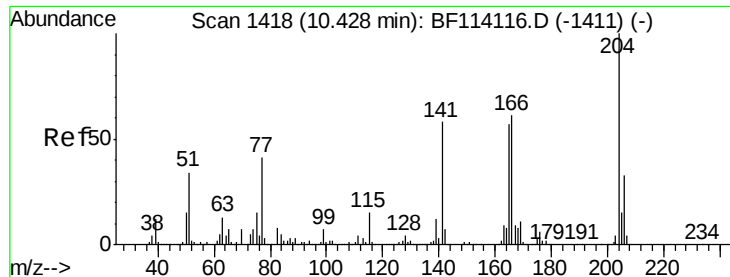
#60
 Diethylphthalate
 Concen: 32.061 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:	149	Resp:	1133166
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

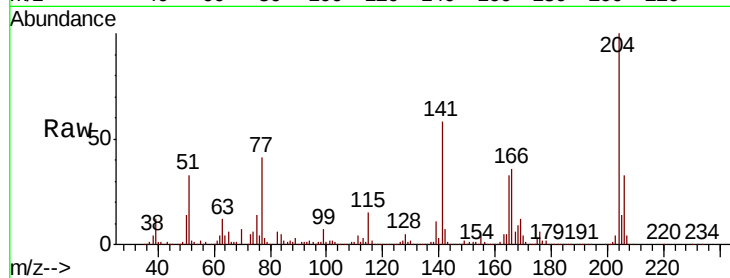




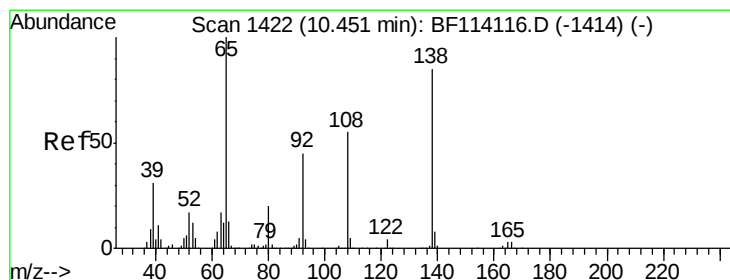
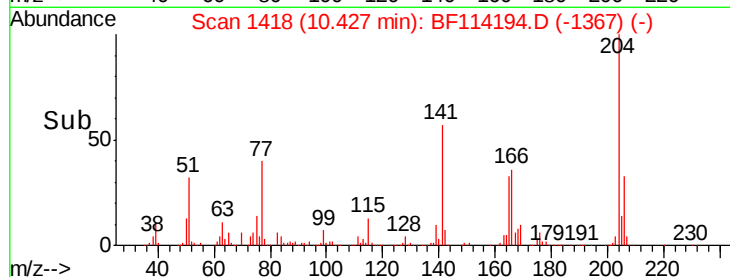
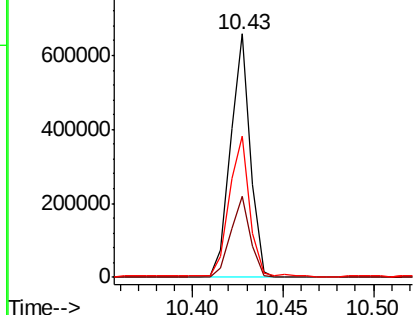
#61
4-Chlorophenyl-phenylether
Concen: 31.121 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:204 Resp: 497793
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 58.2 46.4 69.6

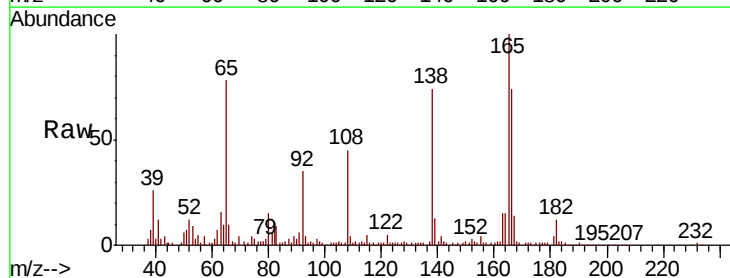


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

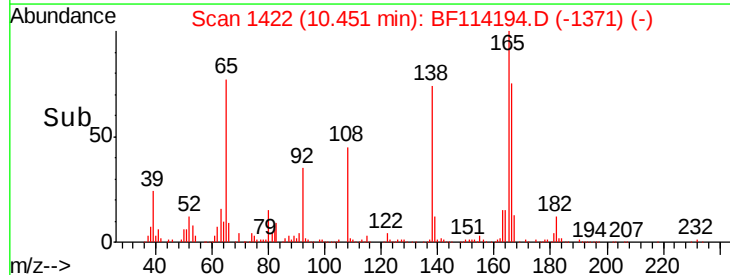
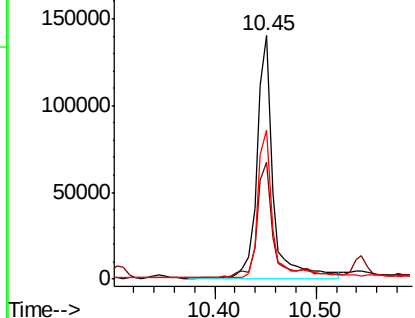


#62
4-Nitroaniline
Concen: 15.384 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:138 Resp: 154831
Ion Ratio Lower Upper
138 100
92 48.1 33.0 73.0
108 61.0 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: 30.838 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tgt Ion: 77 Resp: 1055024

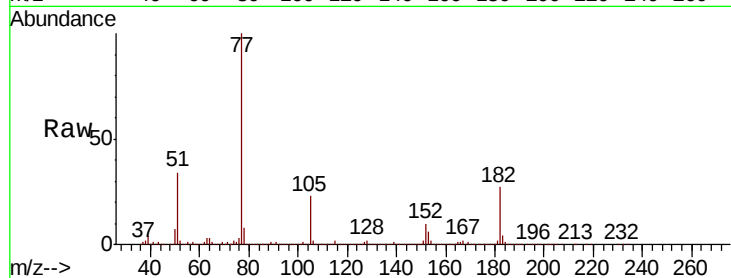
Ion Ratio Lower Upper

77 100

182 27.4 4.7 44.7

105 23.4 2.9 42.9

51 33.9 14.6 54.6

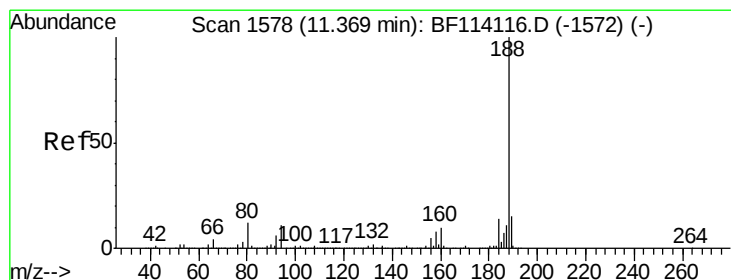
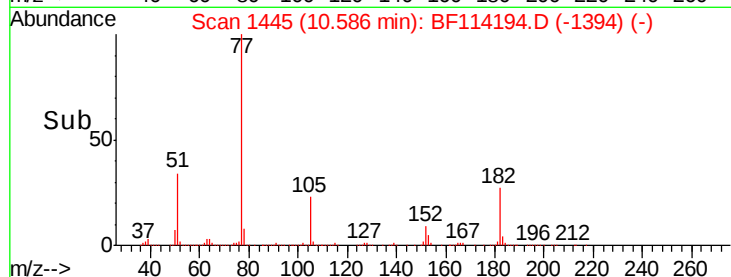
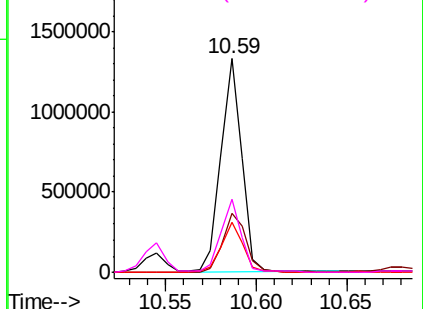


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

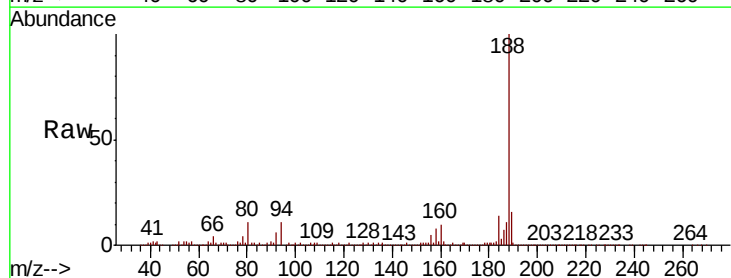
Tgt Ion: 188 Resp: 857394

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

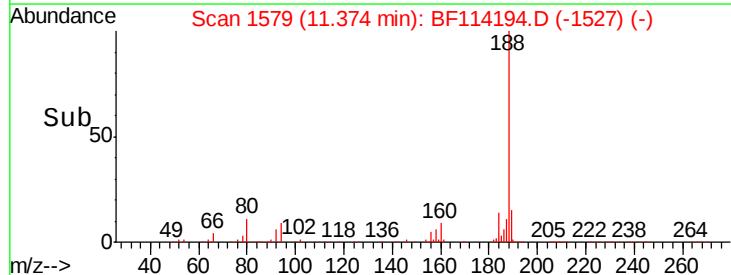
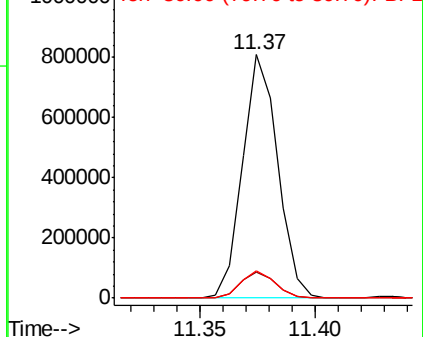
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 21.489 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

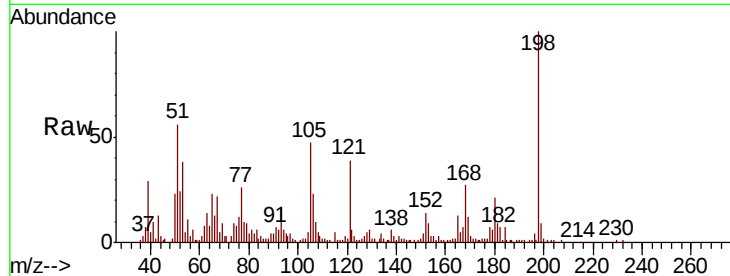
Tgt Ion:198 Resp: 88533

Ion Ratio Lower Upper

198 100

51 55.9 28.0 68.0

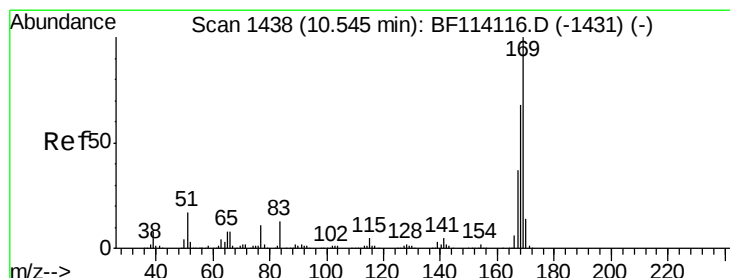
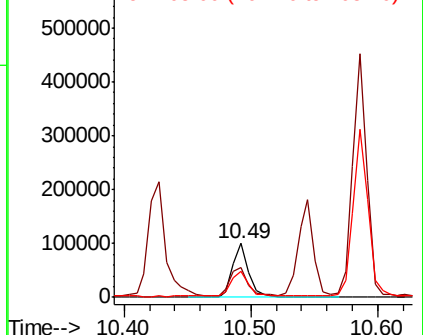
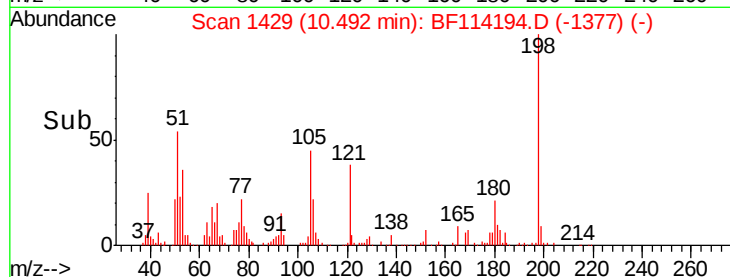
105 47.2 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.732 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

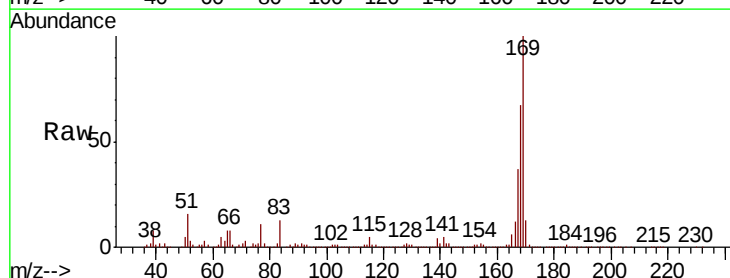
Tgt Ion:169 Resp: 903791

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

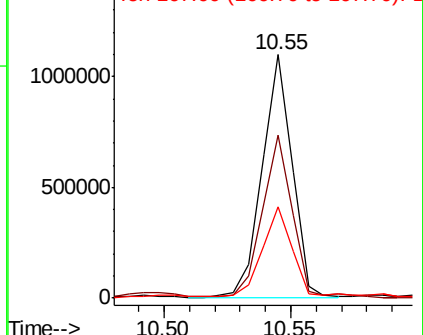
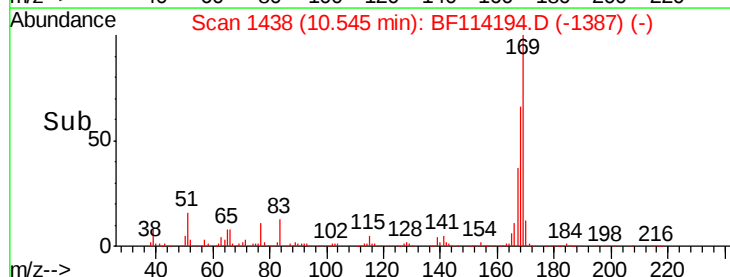
167 37.4 29.8 44.8

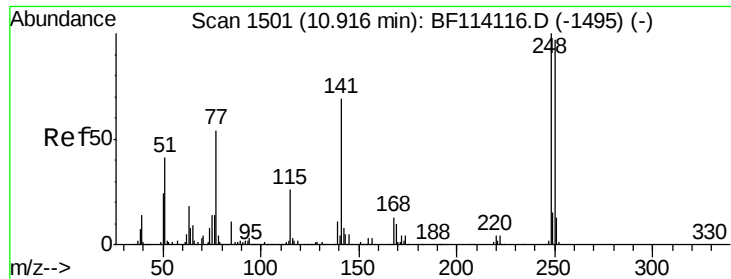


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

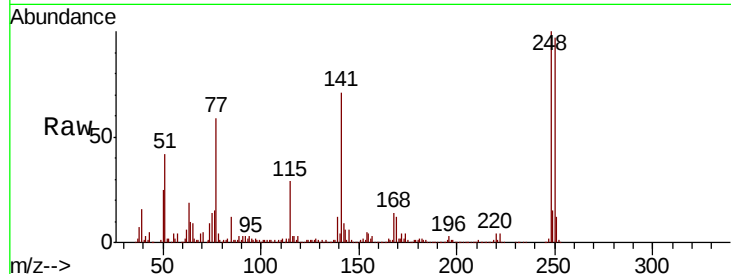




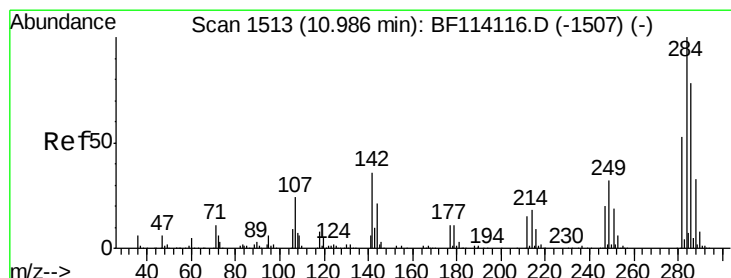
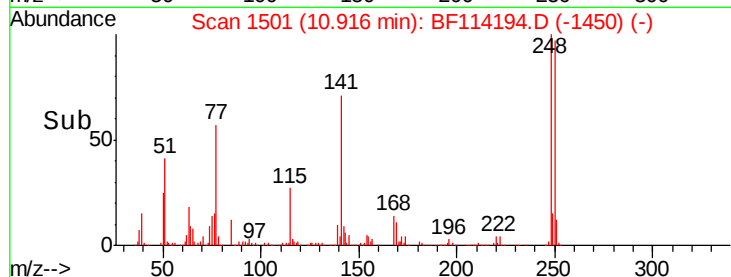
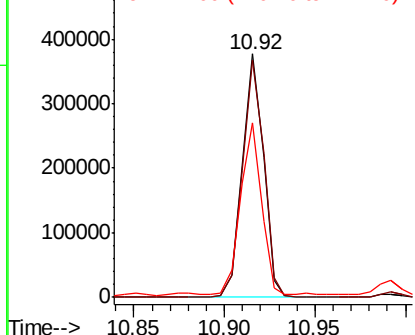
#67
4-Bromophenyl-phenylether
Concen: 32.384 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion: 248 Resp: 305718
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 71.5 55.6 83.4

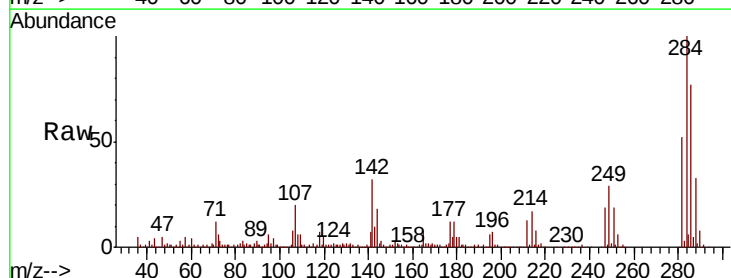


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

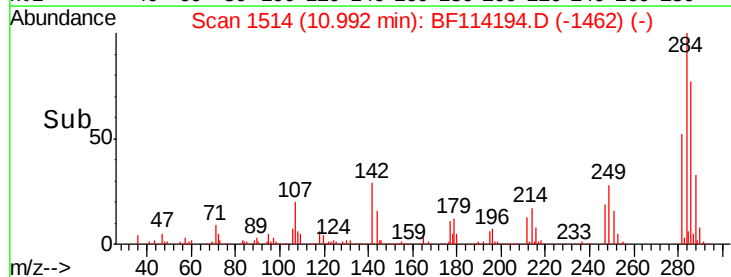
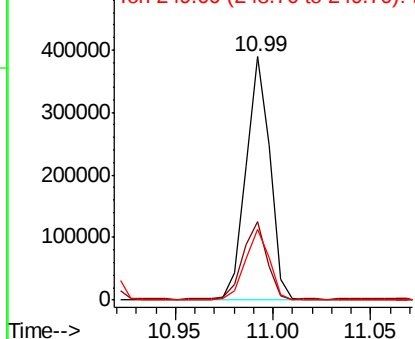


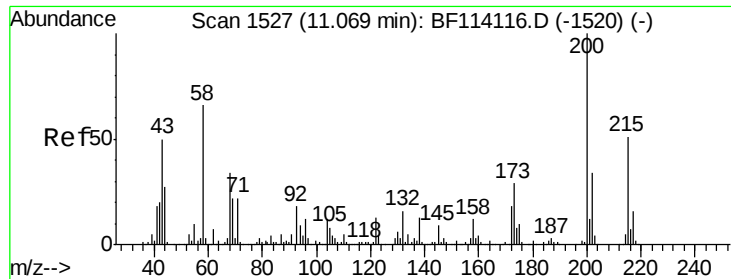
#68
Hexachlorobenzene
Concen: 31.669 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion: 284 Resp: 330740
Ion Ratio Lower Upper
284 100
142 32.5 28.4 42.6
249 29.3 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: 35.022 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

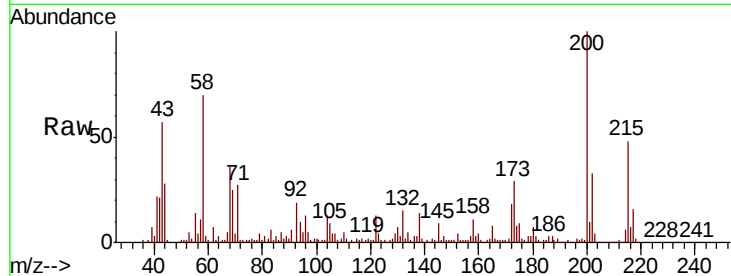
Tgt Ion:200 Resp: 283606

Ion Ratio Lower Upper

200 100

173 29.2 8.9 48.9

215 48.0 30.7 70.7

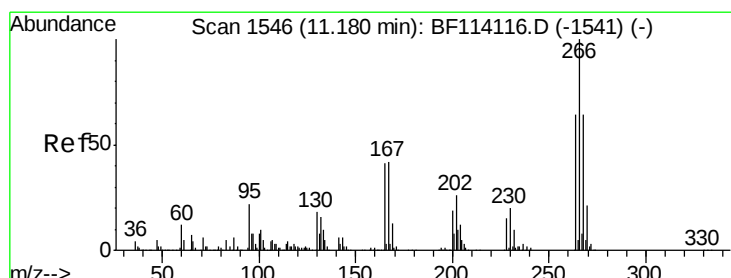
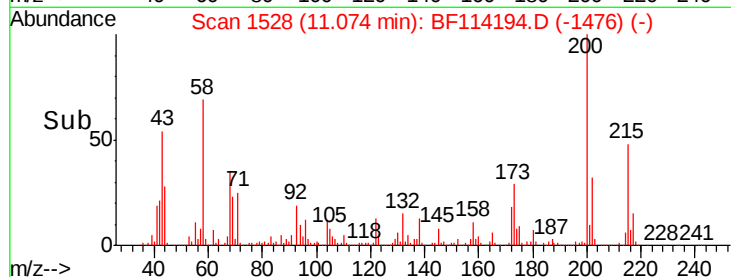
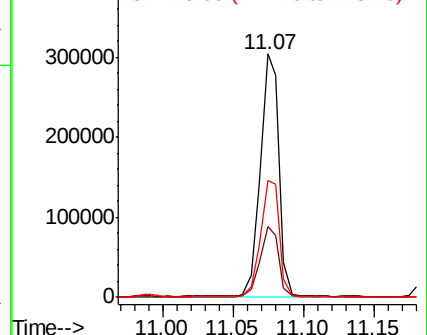


Abundance

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: 61.742 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

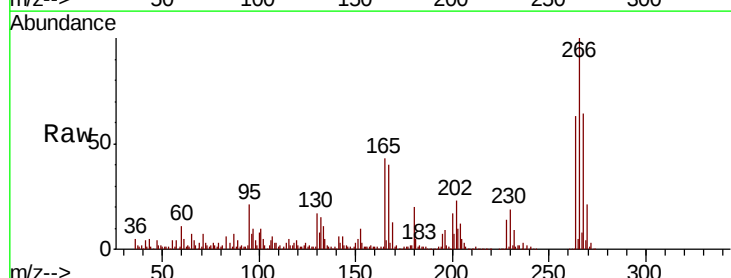
Tgt Ion:266 Resp: 305661

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

264 62.9 51.1 76.7

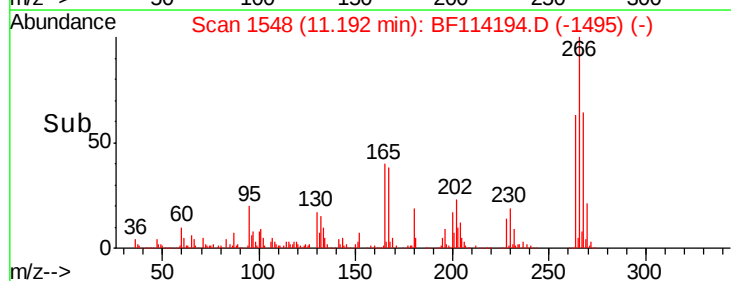
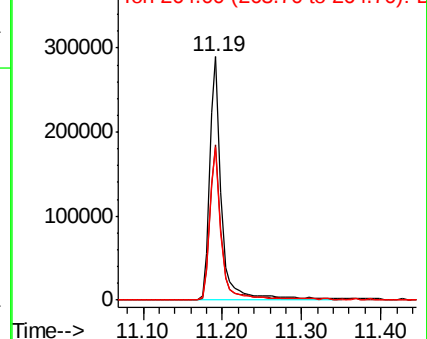


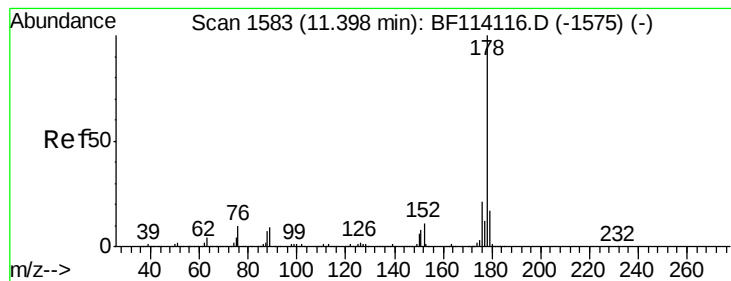
Abundance

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: 102.082 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

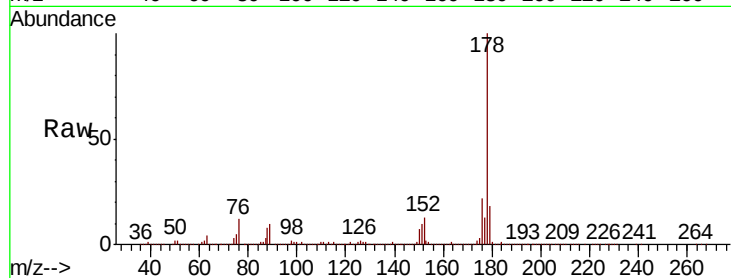
Tgt Ion:178 Resp: 4258171

Ion Ratio Lower Upper

178 100

176 22.5 16.4 24.6

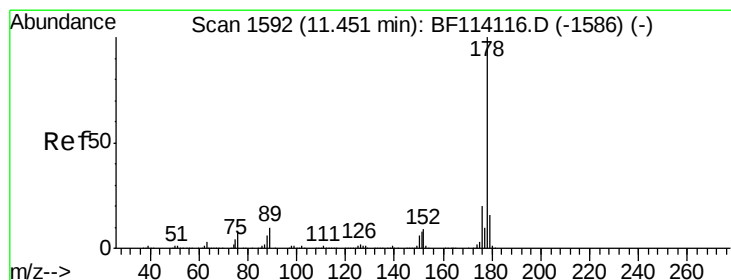
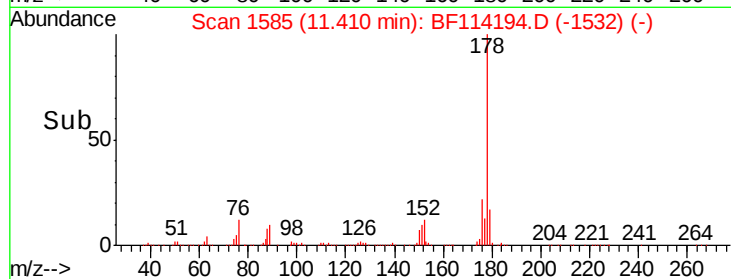
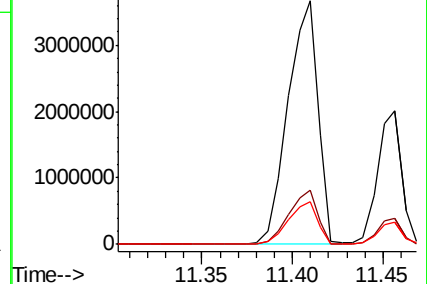
179 17.7 13.2 19.8



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: 44.227 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

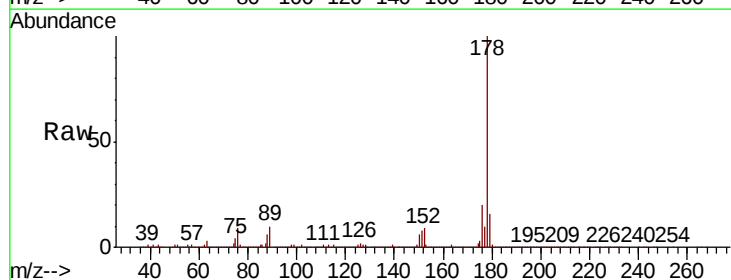
Tgt Ion:178 Resp: 1852993

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

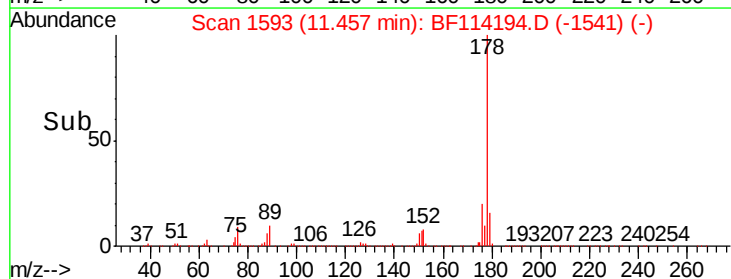
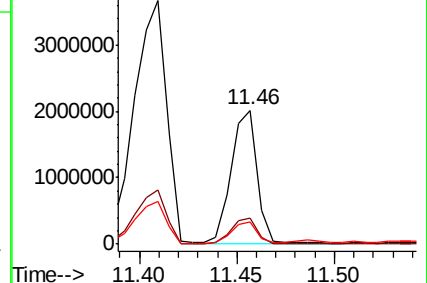
179 16.3 13.0 19.4

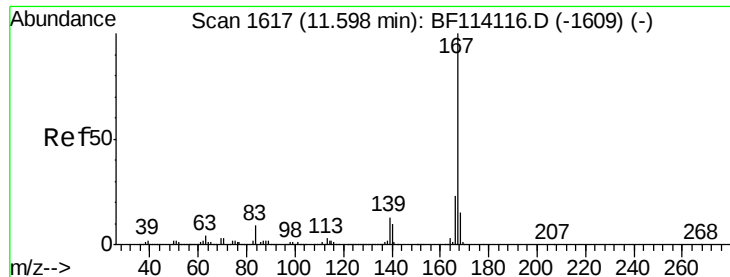


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 32.541 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

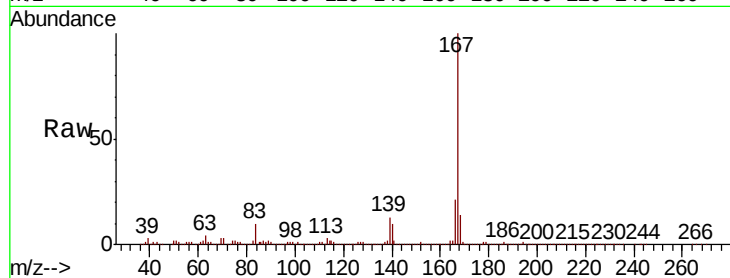
Tgt Ion:167 Resp: 1300129

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.2

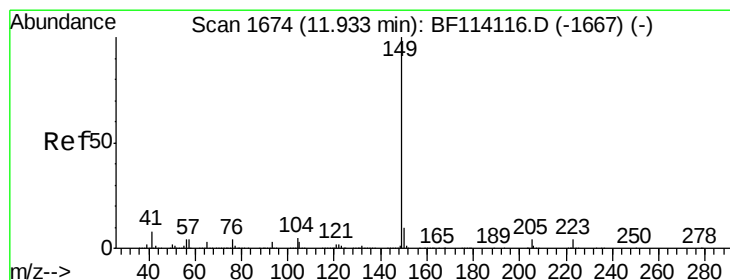
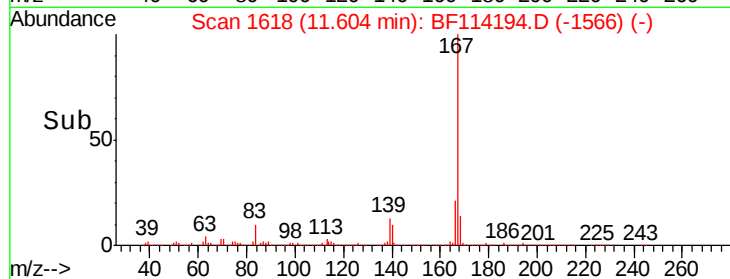
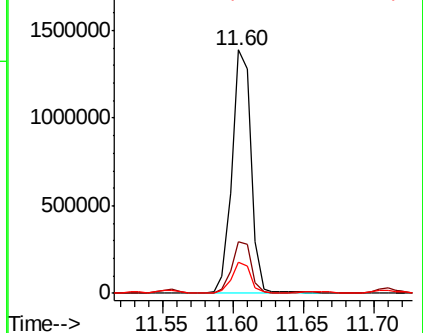
139 12.9 10.6 16.0



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: 34.836 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

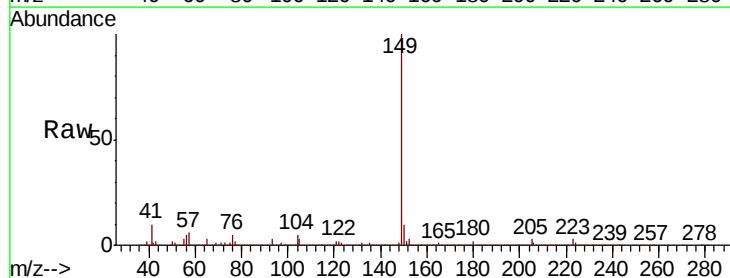
Tgt Ion:149 Resp: 1603481

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

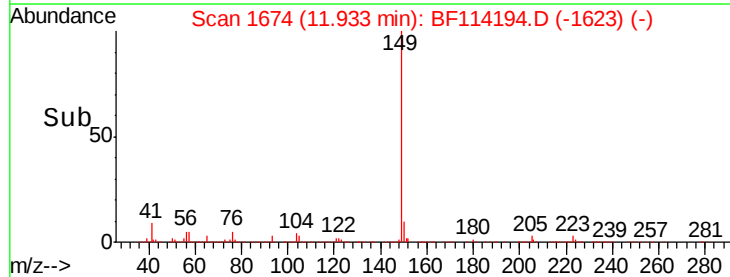
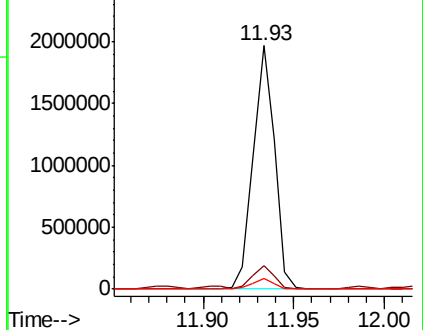
104 4.6 3.6 5.4

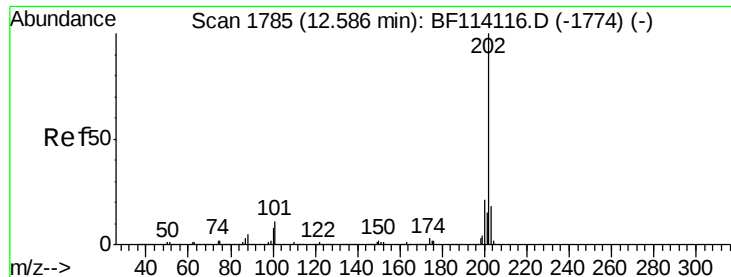


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 102.873 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

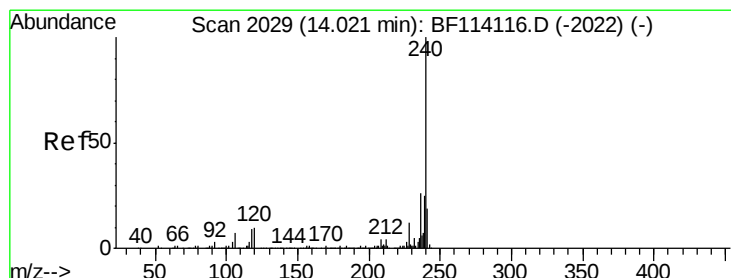
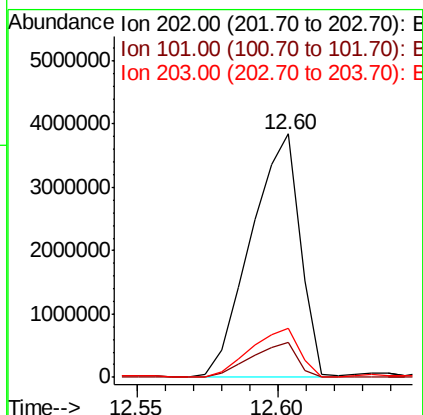
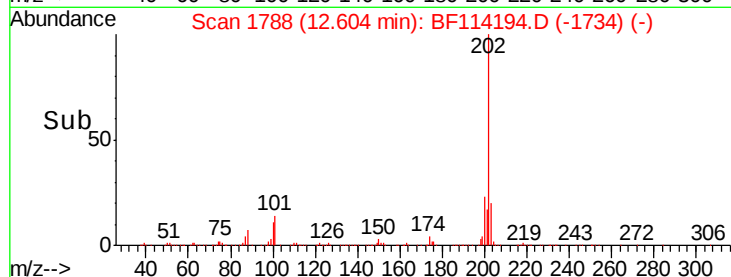
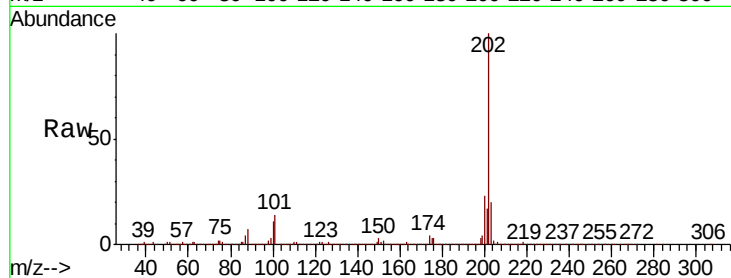
Tgt Ion:202 Resp: 4621043

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.0

203 20.1 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

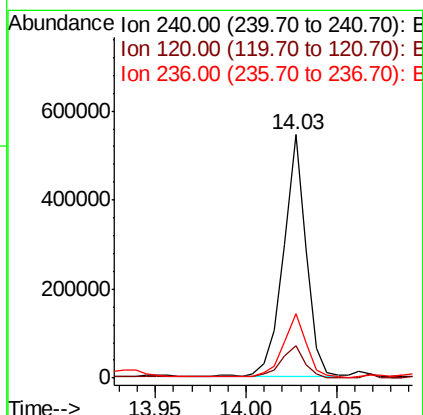
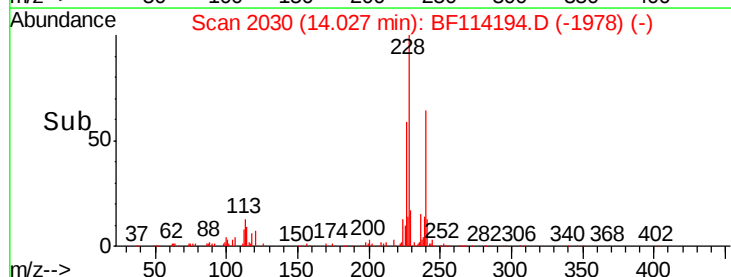
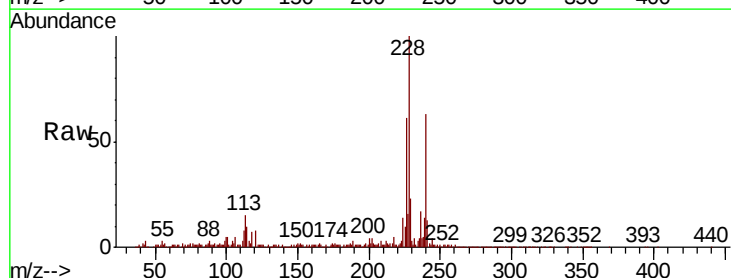
Tgt Ion:240 Resp: 475505

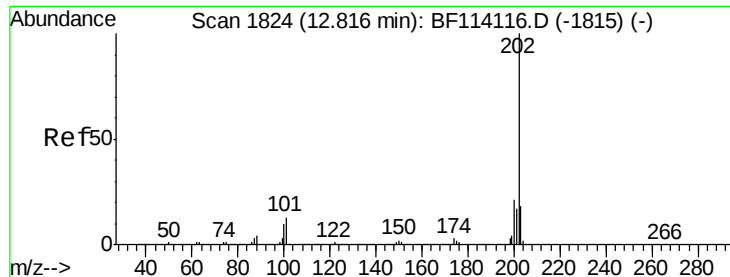
Ion Ratio Lower Upper

240 100

120 13.2 8.3 12.5#

236 26.4 20.8 31.2

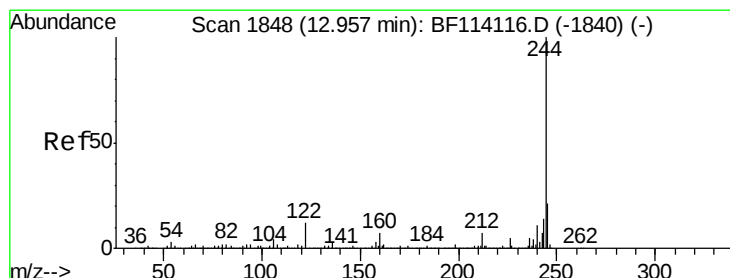
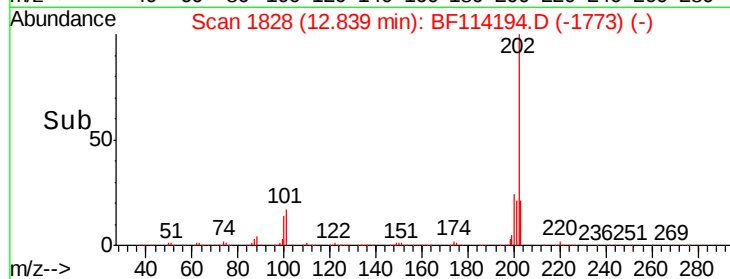
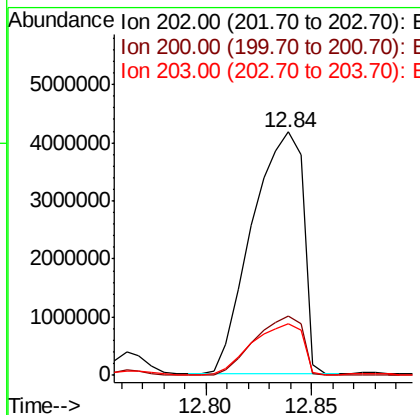
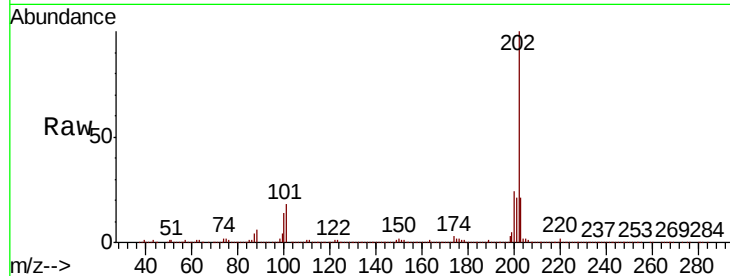




#78
 Pyrene
 Concen: 184.292 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.02 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

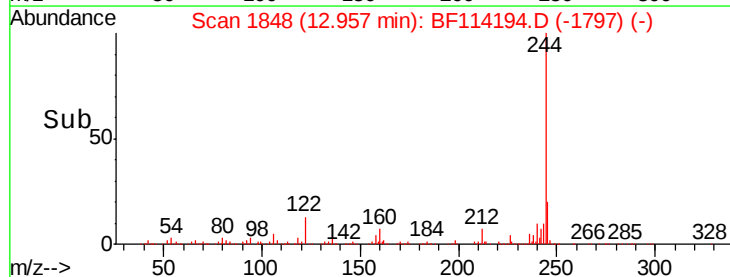
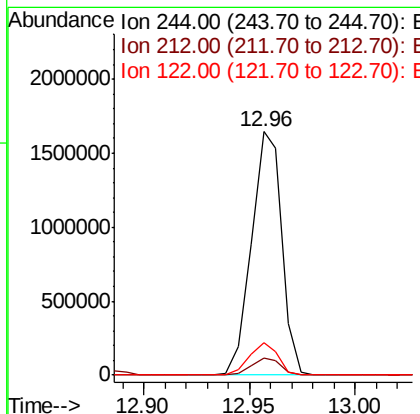
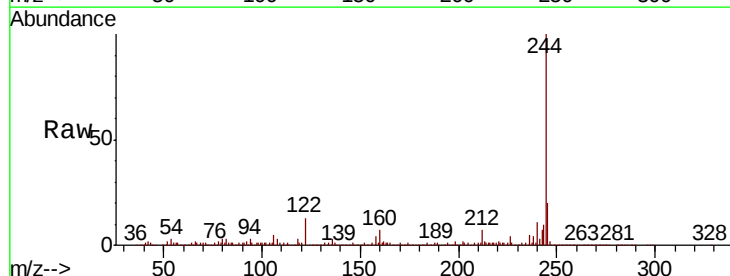
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MS

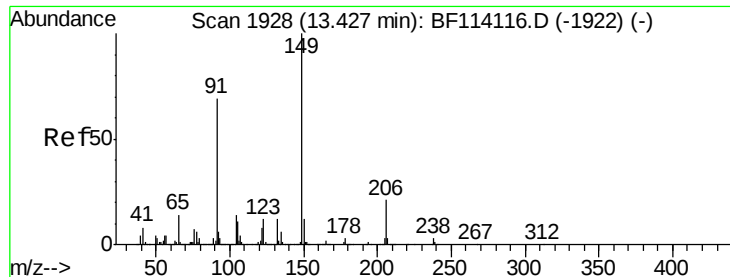
Tgt Ion:202 Resp: 7049556
 Ion Ratio Lower Upper
 202 100
 200 24.4 16.9 25.3
 203 21.0 14.5 21.7



#79
 Terphenyl-d14
 Concen: 70.855 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:244 Resp: 1634400
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.4 9.4 14.2

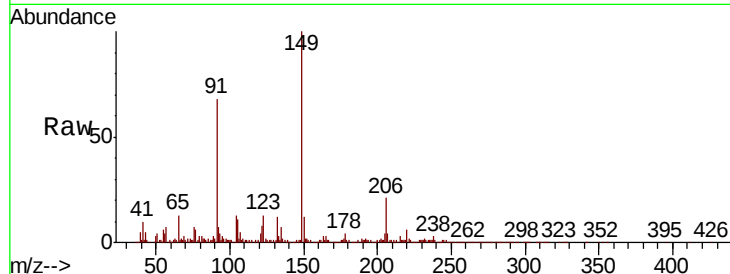




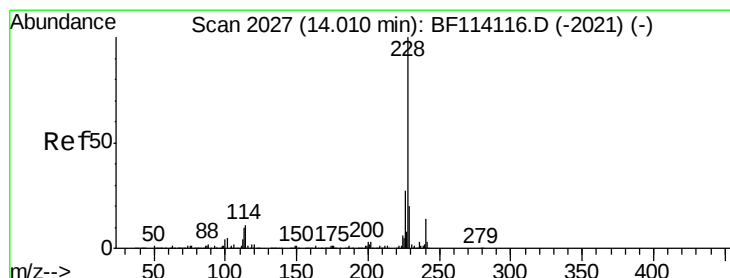
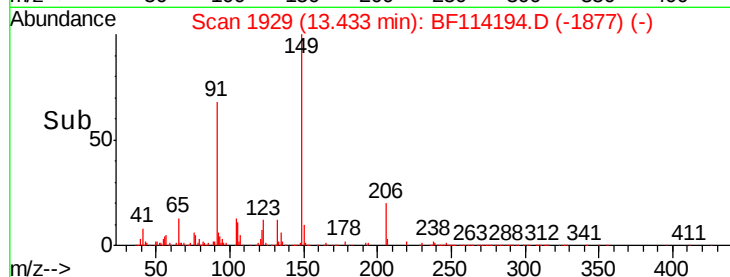
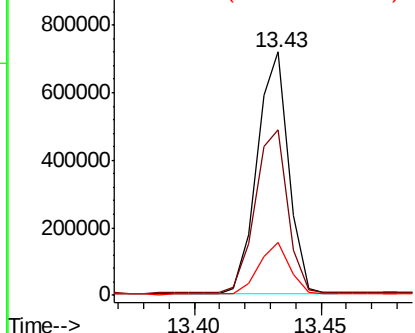
#80
Butylbenzylphthalate
Concen: 38.388 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion:149 Resp: 618065
Ion Ratio Lower Upper
149 100
91 68.0 55.0 82.4
206 21.5 16.9 25.3

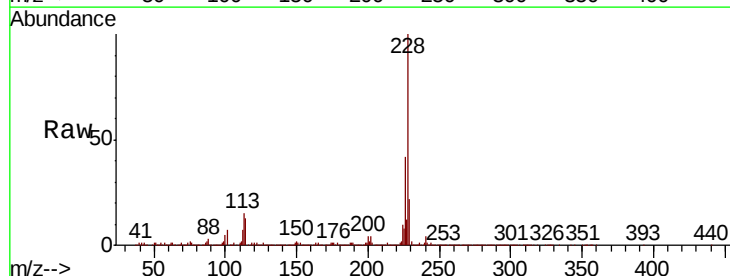


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

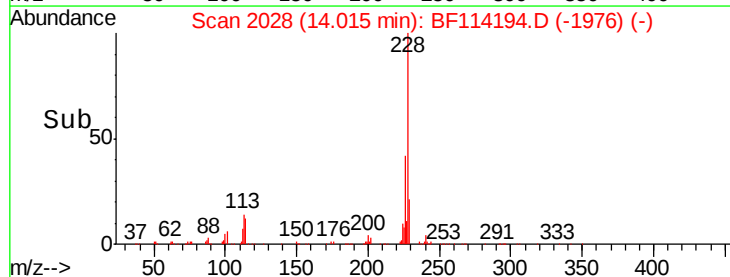
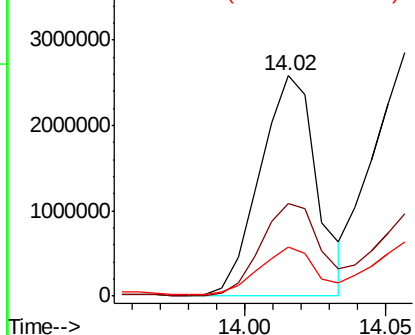


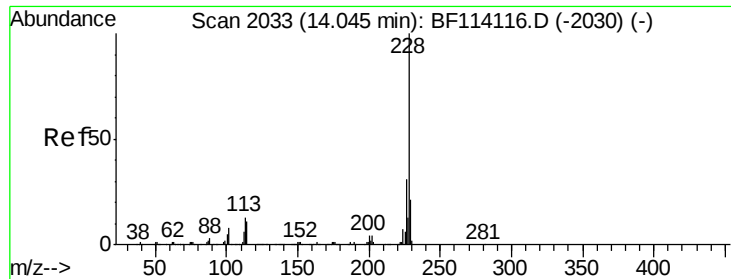
#81
Benzo(a)anthracene
Concen: 116.593 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:228 Resp: 3585862
Ion Ratio Lower Upper
228 100
226 42.2 22.2 33.2#
229 22.0 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

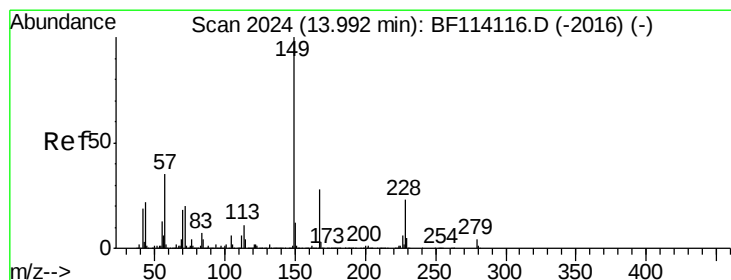
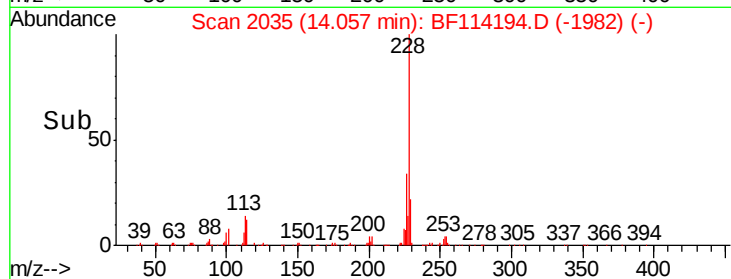
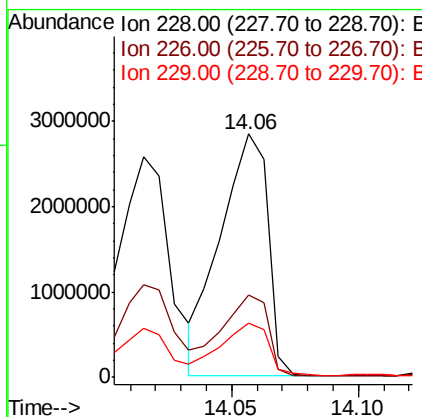
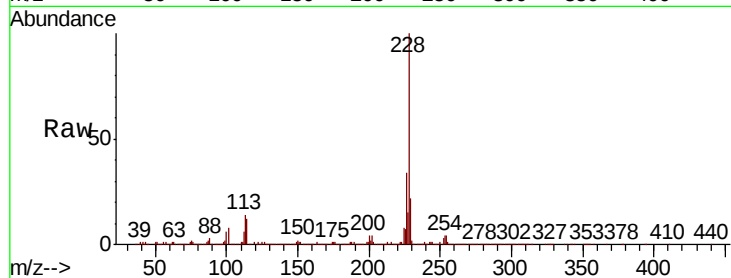




#83
Chrysene
Concen: 122.650 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

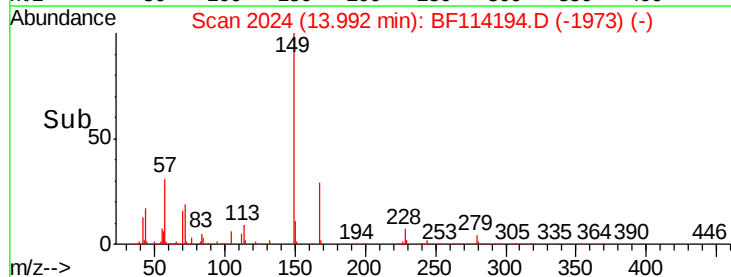
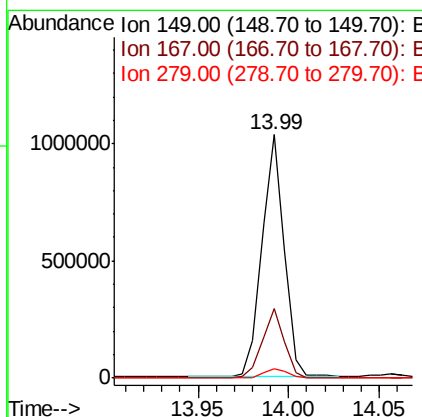
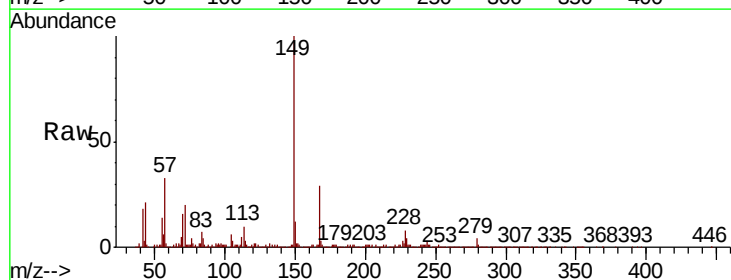
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

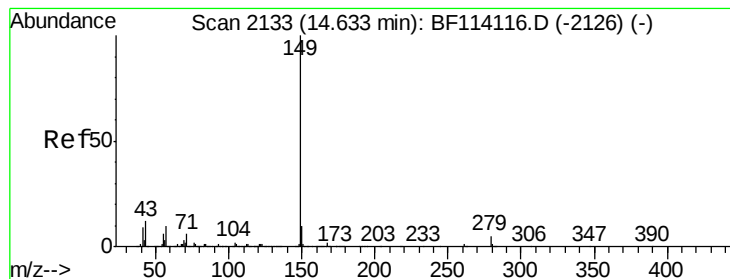
Tgt Ion:228 Resp: 3697789
Ion Ratio Lower Upper
228 100
226 34.1 25.0 37.6
229 22.2 17.0 25.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.566 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion:149 Resp: 875269
Ion Ratio Lower Upper
149 100
167 28.6 22.6 33.8
279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.456 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

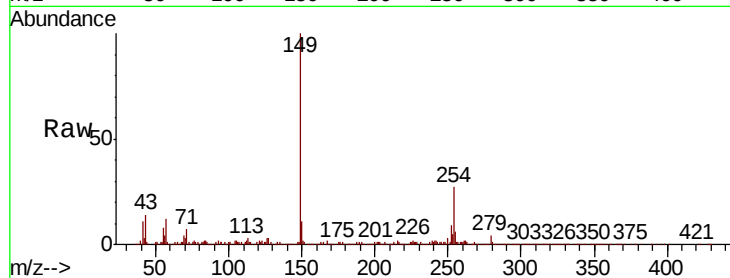
Tgt Ion:149 Resp: 1449276

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

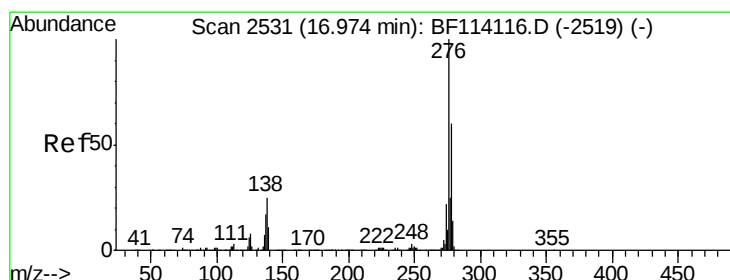
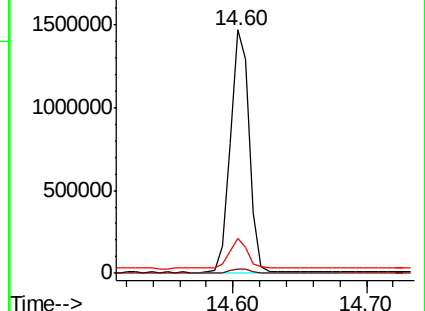
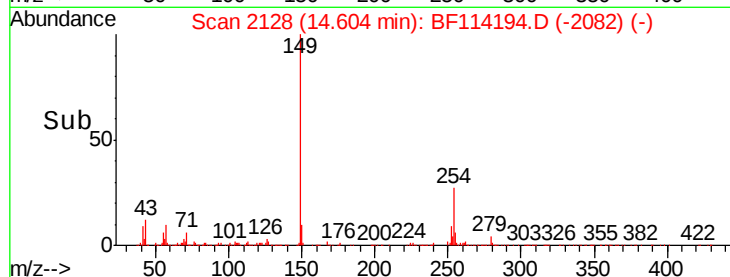
43 13.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 94.011 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

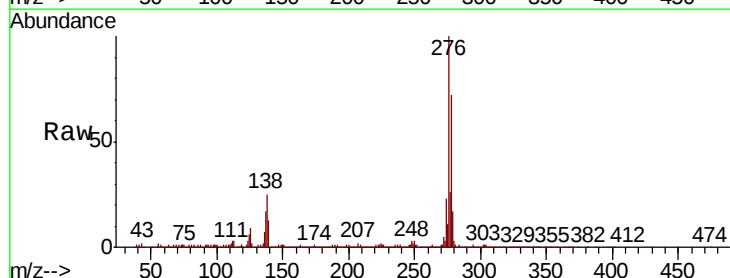
Tgt Ion:276 Resp: 2504945

Ion Ratio Lower Upper

276 100

138 24.0 20.2 30.2

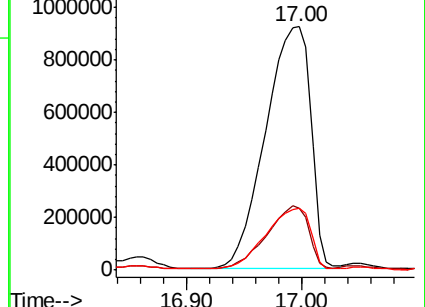
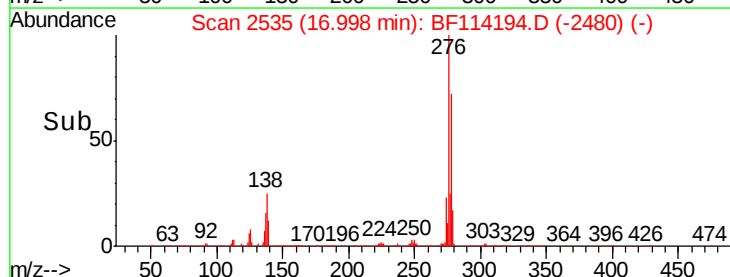
277 24.8 20.0 30.0

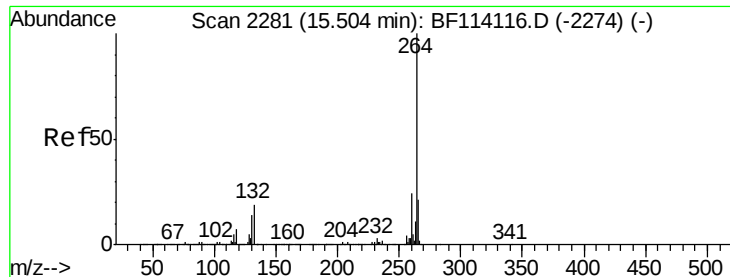


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



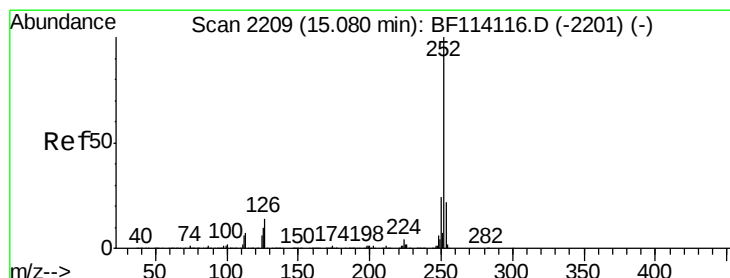
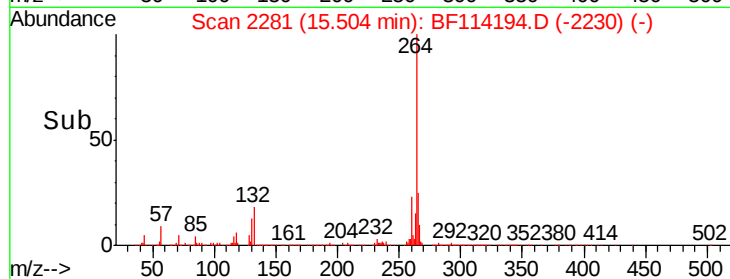
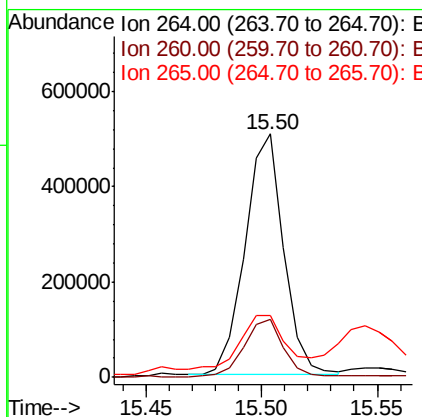
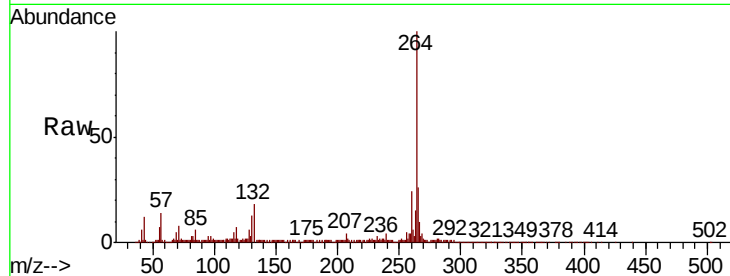


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion: 264 Resp: 588566

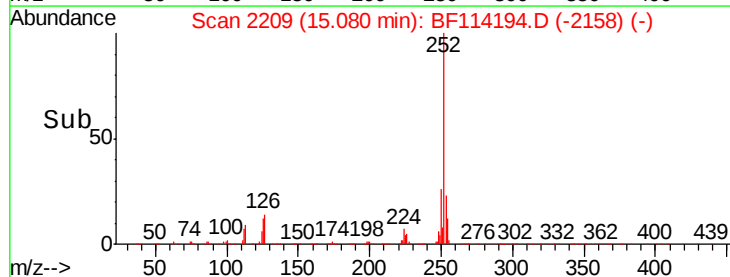
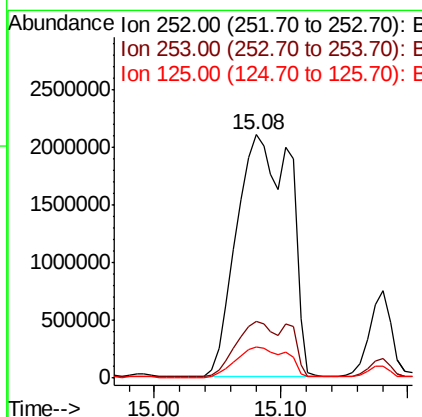
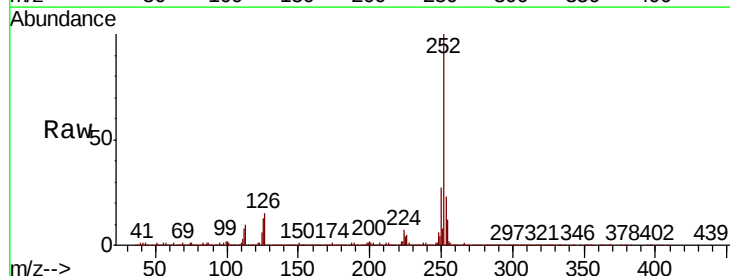
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	25.5	16.9	25.3#

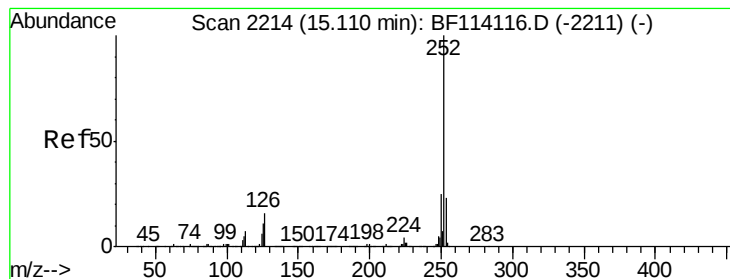


#88
Benzo(b)fluoranthene
Concen: 162.737 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion: 252 Resp: 6136313

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.6	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 177.158 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.03 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

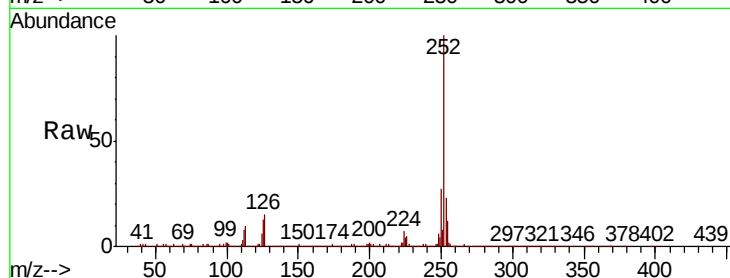
Tgt Ion:252 Resp: 6136313

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

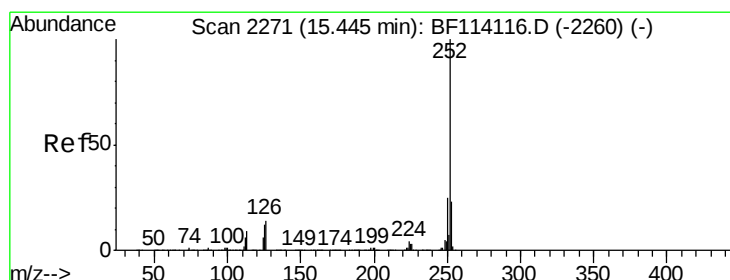
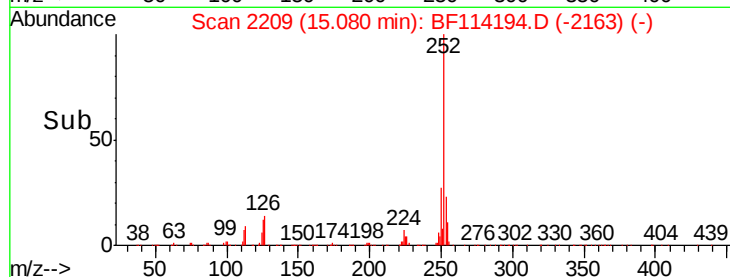
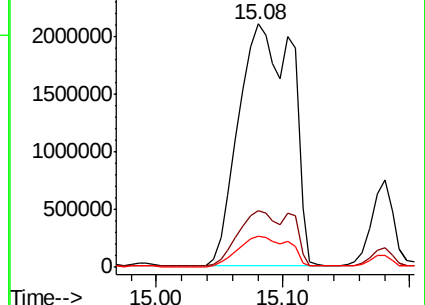
125 12.6 8.6 13.0



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: 102.763 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

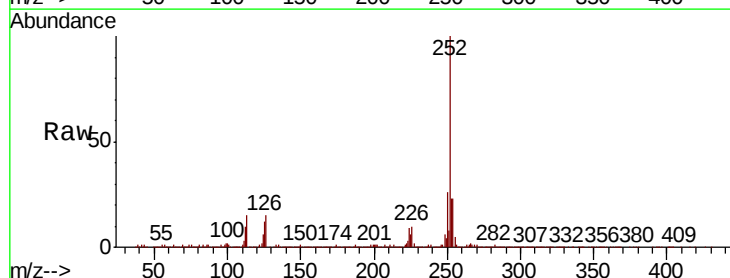
Tgt Ion:252 Resp: 3410220

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

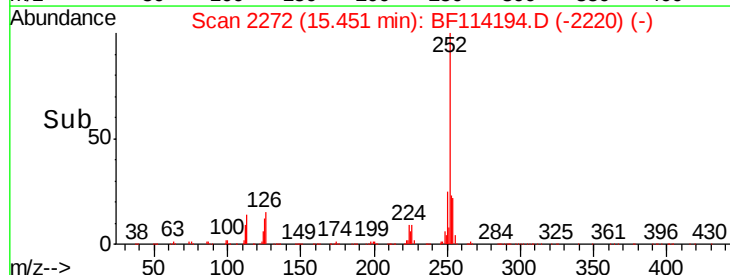
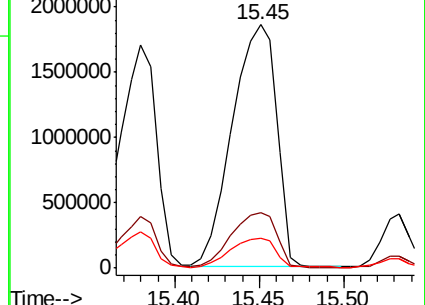
125 12.4 9.5 14.3

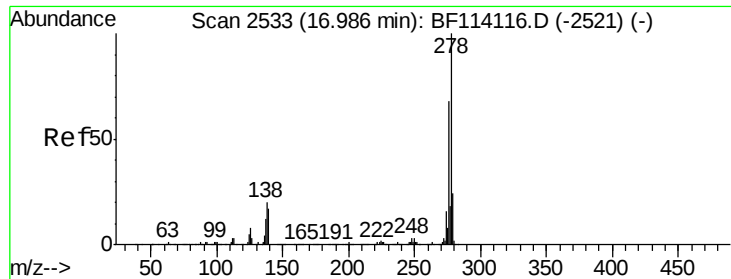


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

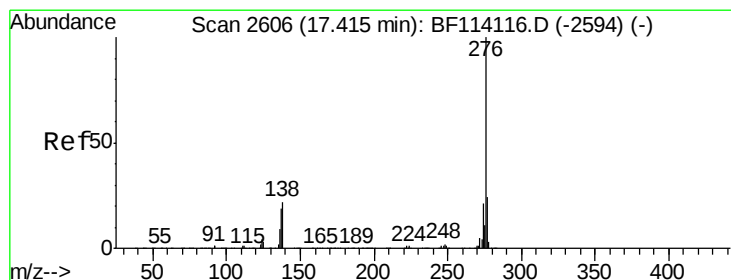
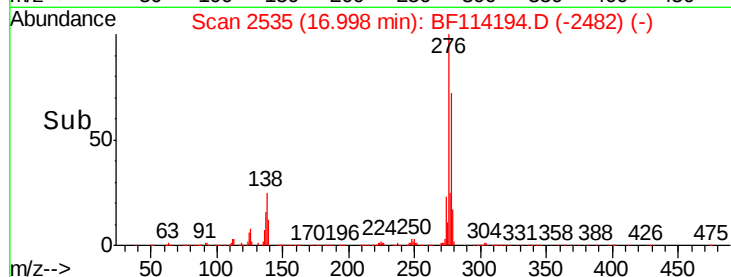
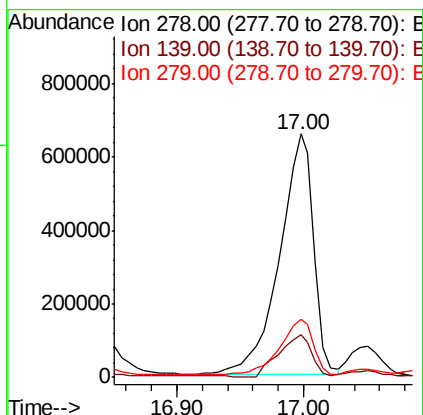
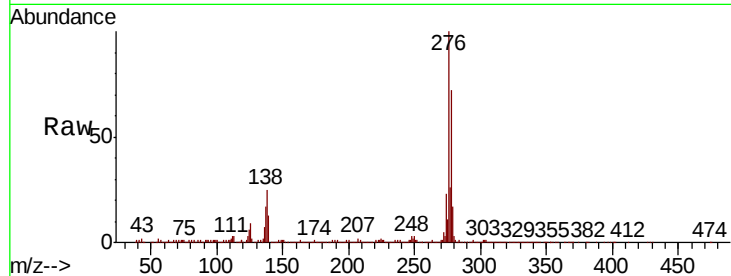




#91
Dibenzo(a,h)anthracene
Concen: 44.299 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Tgt Ion: 278 Resp: 1221560
Ion Ratio Lower Upper
278 100
139 17.6 13.5 20.3
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 92.122 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.04 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion: 276 Resp: 2545758
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 21.9 17.8 26.6

