

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114260.D
 Acq On : 14 May 2019 18:25
 Operator : JU/SJ
 Sample : K2764-21MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 15 02:05:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	249248	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	973119	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	453131	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	861221	20.00	ng	0.01
76) Chrysene-d12	14.03	240	614848	20.00	ng	0.00
87) Perylene-d12	15.51	264	687898	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1375601	88.82	ng	0.02
7) Phenol-d6	6.52	99	1781849	97.27	ng	0.02
23) Nitrobenzene-d5	7.42	82	1118952	64.53	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	378274	80.75	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1661038	55.45	ng	0.00
79) Terphenyl-d14	12.96	244	1496267	50.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	221456	26.013	ng	98
3) Pyridine	3.42	79	479804	20.456	ng	97
4) n-Nitrosodimethylamine	3.34	42	324809	28.716	ng	92
6) Aniline	6.52	93	284840	10.764	ng	# 1
8) 2-Chlorophenol	6.65	128	564880	34.163	ng	99
9) Benzaldehyde	6.40	77	256237	19.981	ng	96
10) Phenol	6.53	94	687442	31.901	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	559794	34.217	ng	98
12) 1,3-Dichlorobenzene	6.80	146	579038	31.198	ng	98
13) 1,4-Dichlorobenzene	6.87	146	584851	31.271	ng	98
14) 1,2-Dichlorobenzene	7.03	146	541453	31.688	ng	99
15) Benzyl Alcohol	7.00	79	472242	33.053	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	994064	31.338	ng	64
17) 2-Methylphenol	7.13	107	437282	32.194	ng	# 89
18) Hexachloroethane	7.37	117	202694	28.872	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	392874	33.836	ng	99
20) 3+4-Methylphenols	7.28	107	592079	37.729	ng	# 57
22) Acetophenone	7.26	105	760228	35.265	ng	# 89
24) Nitrobenzene	7.44	77	603501	34.172	ng	98
25) Isophorone	7.68	82	1074910	33.425	ng	99
26) 2-Nitrophenol	7.76	139	306352	35.754	ng	100
27) 2,4-Dimethylphenol	7.80	122	493551	36.675	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	703947	33.737	ng	99
29) 2,4-Dichlorophenol	8.00	162	456646	34.077	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	482097	31.638	ng	98
31) Naphthalene	8.16	128	1575449	34.659	ng	98
32) Benzoic acid	7.92	122	223453	26.902	ng	98
33) 4-Chloroaniline	8.21	127	191409	9.241	ng	99
34) Hexachlorobutadiene	8.27	225	261580	30.170	ng	97
35) Caprolactam	8.59	113	150233	34.382	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	481859	35.723	ng	98
37) 2-Methylnaphthalene	8.85	142	1046175	35.672	ng	98
38) 1-Methylnaphthalene	8.95	142	984607	35.650	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	462614	33.703	ng	100

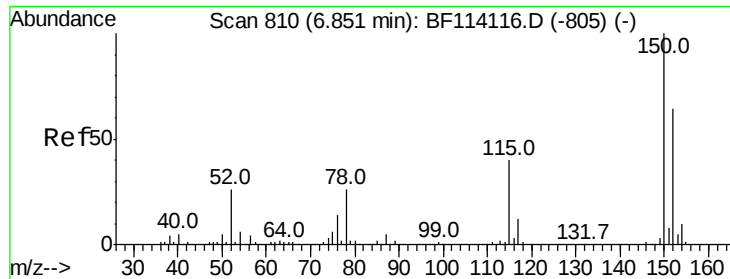
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114260.D
 Acq On : 14 May 2019 18:25
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 P026-SS002-1218-01MSD

Quant Time: May 15 02:05:32 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)
41) Hexachlorocyclopentadiene	9.00	237	77493	15.787	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	312494	33.098	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	331106	34.196	nq	96
46) 1,1'-Biphenyl	9.32	154	1242965	33.954	nq	98
47) 2-Chloronaphthalene	9.34	162	955026	32.417	nq	99
48) 2-Nitroaniline	9.44	65	344699	32.991	nq	99
49) Acenaphthylene	9.76	152	1564873	34.924	nq	98
50) Dimethylphthalate	9.61	163	1294712	38.922	nq	99
51) 2,6-Dinitrotoluene	9.68	165	253196	34.318	nq	90
52) Acenaphthene	9.93	154	874617	31.809	nq	98
53) 3-Nitroaniline	9.85	138	168780	18.429	nq	95
54) 2,4-Dinitrophenol	9.96	184	128053	38.352	nq	99
55) Dibenzofuran	10.10	168	1307474	32.428	nq	99
56) 4-Nitrophenol	10.03	139	333659	51.516	nq	98
57) 2,4-Dinitrotoluene	10.09	165	330140	32.968	nq	93
58) Fluorene	10.45	166	1029221	33.048	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	258560	30.949	nq	100
60) Diethylphthalate	10.31	149	1117566	33.066	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	497304	32.512	nq	97
62) 4-Nitroaniline	10.46	138	258004	26.809	nq	96
63) Azobenzene	10.59	77	1069460	32.690	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	98376	23.772	nq	79
66) n-Nitrosodiphenylamine	10.55	169	927573	35.487	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	307850	32.465	nq	96
68) Hexachlorobenzene	11.00	284	329096	31.372	nq	96
69) Atrazine	11.08	200	273632	33.640	nq	99
70) Pentachlorophenol	11.20	266	273191	54.938	nq	98
71) Phenanthrene	11.40	178	1593159	38.023	nq	99
72) Anthracene	11.46	178	1462560	34.753	nq	99
73) Carbazole	11.62	167	1352245	33.696	nq	99
74) Di-n-butylphthalate	11.93	149	1677520	36.283	nq	100
75) Fluoranthene	12.60	202	1765726	39.134	nq	99
77) Benzidine	12.72	184	93331	3.382	nq	97
78) Pyrene	12.83	202	2055748	41.563	nq	99
80) Butylbenzylphthalate	13.43	149	705458	33.886	nq	99
81) Benzo(a)anthracene	14.02	228	1509355	37.954	nq	97
82) 3,3'-Dichlorobenzidine	13.97	252	390176	25.292	nq	99
83) Chrysene	14.06	228	1532009	39.298	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	998948	36.688	nq	99
85) Di-n-octyl phthalate	14.62	149	1724116	39.061	nq	100
86) Indeno(1,2,3-cd)pyrene	17.01	276	1382563	40.129	nq	98
88) Benzo(b)fluoranthene	15.08	252	1762454	39.992	nq	99
89) Benzo(k)fluoranthene	15.11	252	1327789	32.798	nq	99
90) Benzo(a)pyrene	15.45	252	1500393	38.684	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	1088670	33.779	nq	100
92) Benzo(g,h,i)perylene	17.46	276	1160472	35.930	nq	98

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

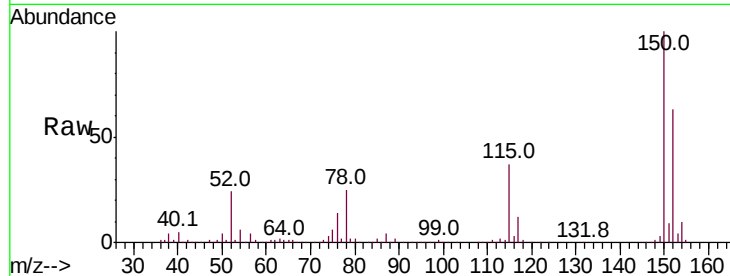


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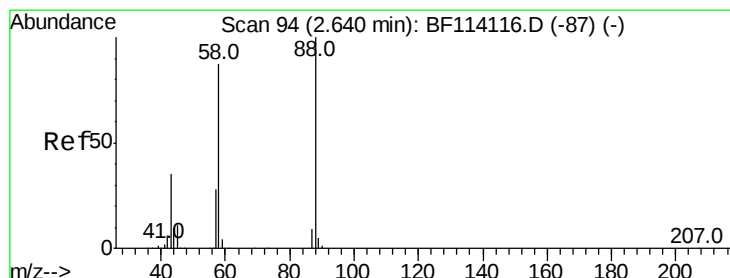
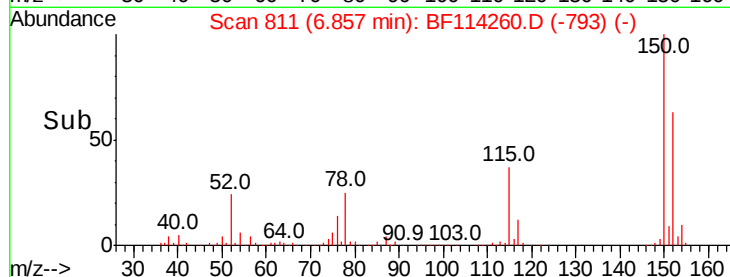
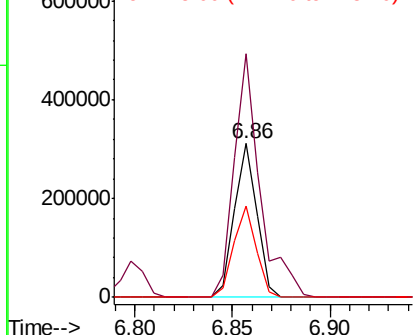
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:152 Resp: 249248
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 59.4 49.1 73.7



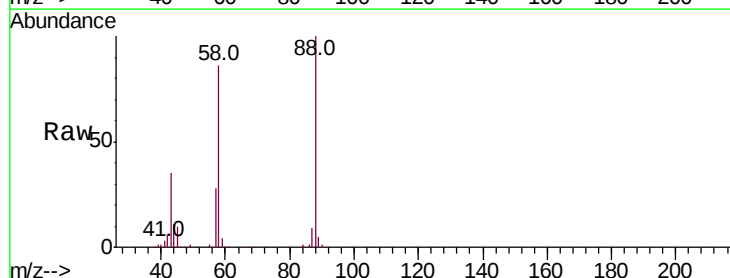
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



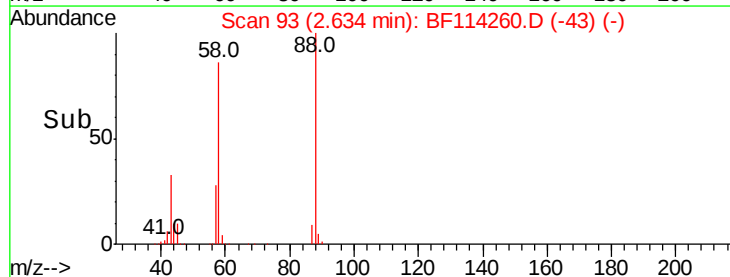
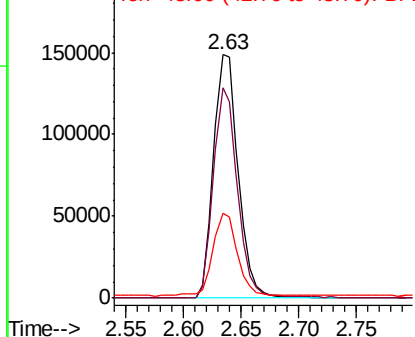
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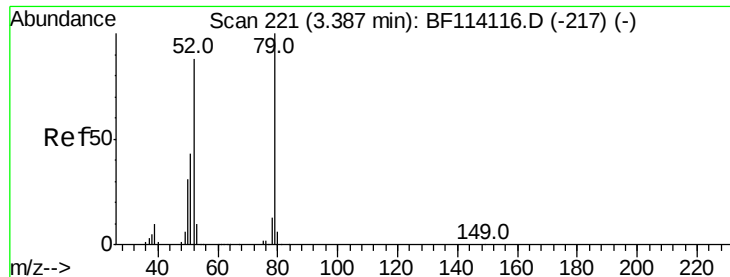
1,4-Dioxane
Concen: 26.013 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion: 88 Resp: 221456
Ion Ratio Lower Upper
88 100
58 84.9 68.7 103.1
43 33.7 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

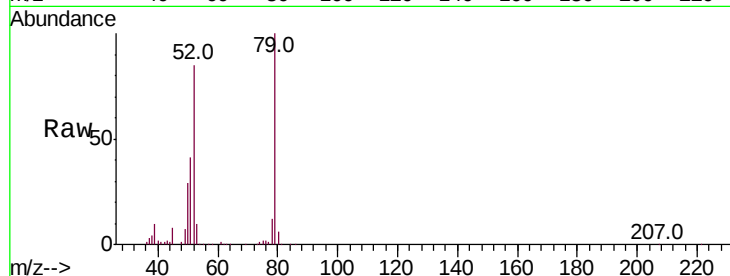




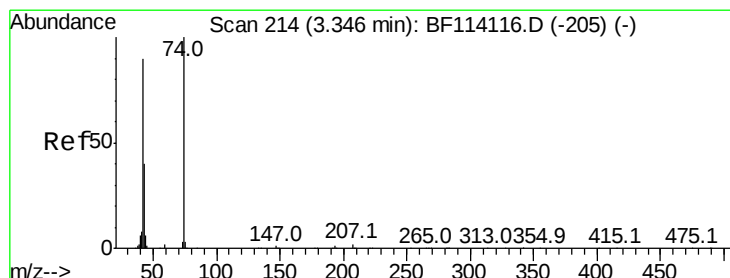
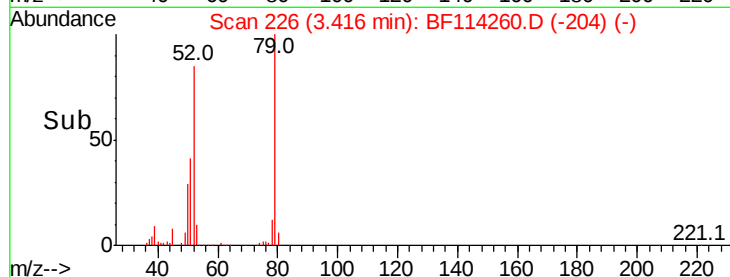
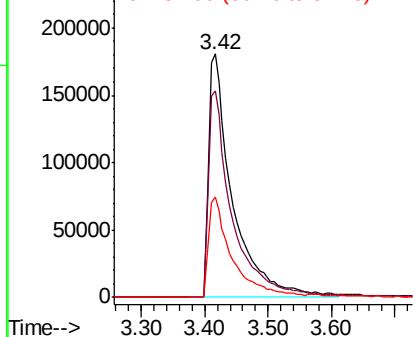
#3
 Pvridine
 Concen: 20.456 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.03 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion: 79 Resp: 479804
 Ion Ratio Lower Upper
 79 100
 52 85.0 70.6 105.8
 51 41.4 34.2 51.2

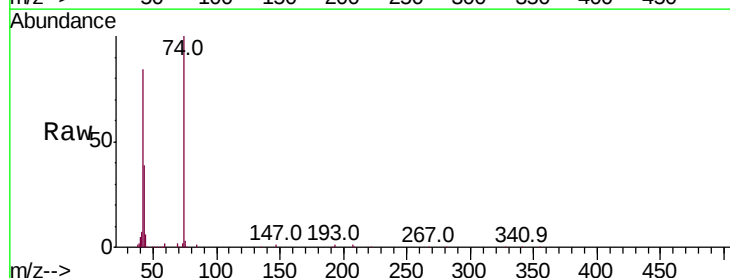


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

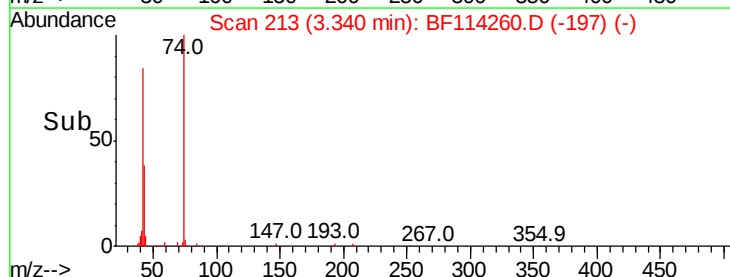
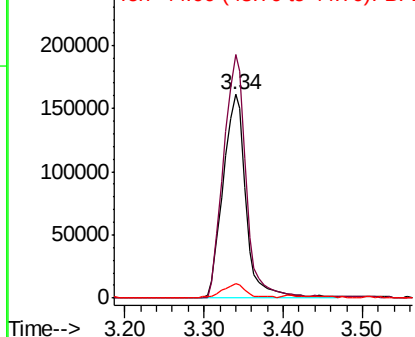


#4
 n-Nitrosodimethylamine
 Concen: 28.716 ng
 RT: 3.34 min Scan# 213
 Delta R.T. -0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion: 42 Resp: 324809
 Ion Ratio Lower Upper
 42 100
 74 119.6 88.6 132.8
 44 6.9 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: 88.815 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

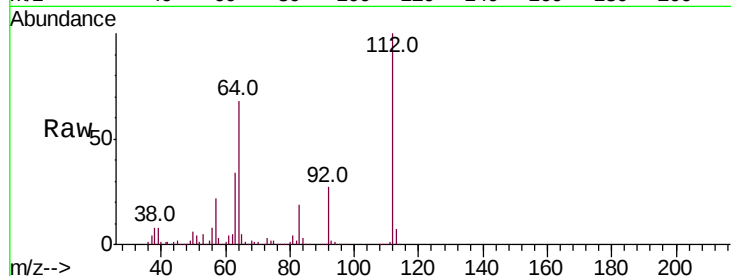
Tot Ion:112 Resp: 1375601

Ion Ratio Lower Upper

112 100

64 68.2 49.0 73.6

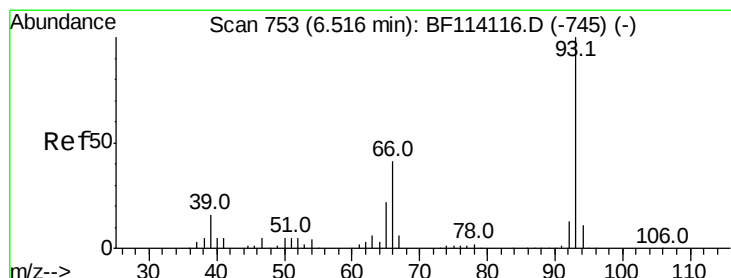
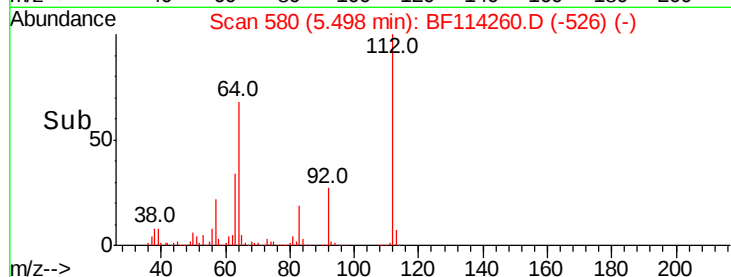
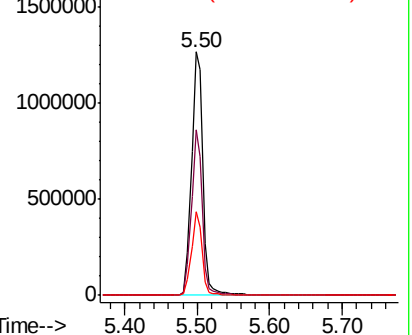
63 34.1 24.6 37.0



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: 10.764 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

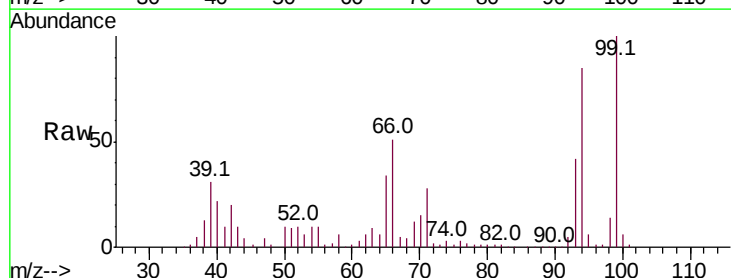
Tgt Ion: 93 Resp: 284840

Ion Ratio Lower Upper

93 100

66 122.2 33.2 49.8#

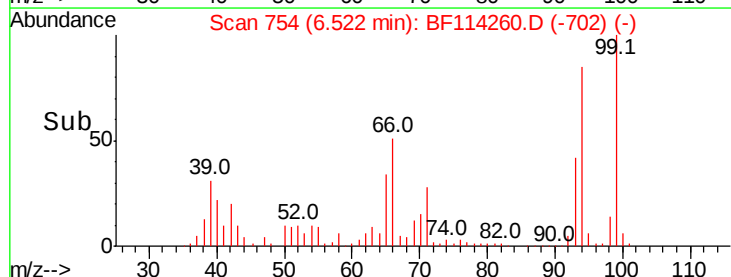
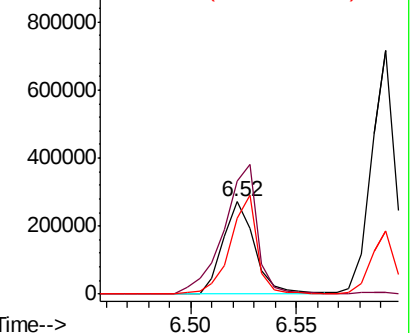
65 81.8 17.6 26.4#

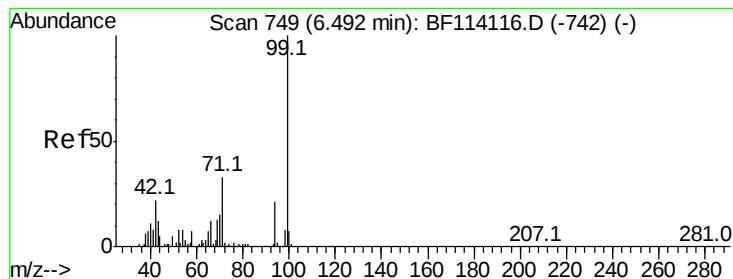


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.270 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

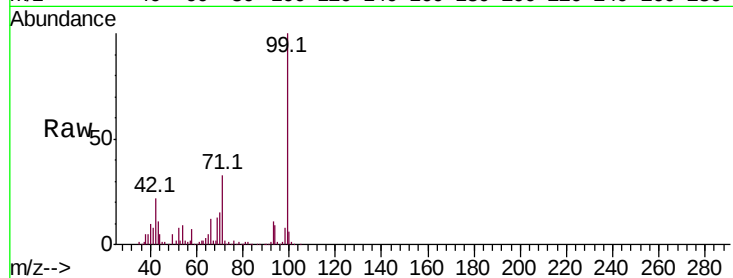
Tot Ion: 99 Resp: 1781849

Ion Ratio Lower Upper

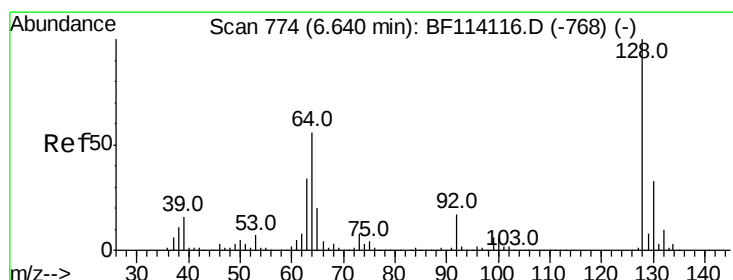
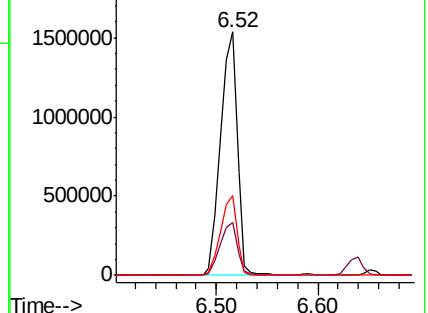
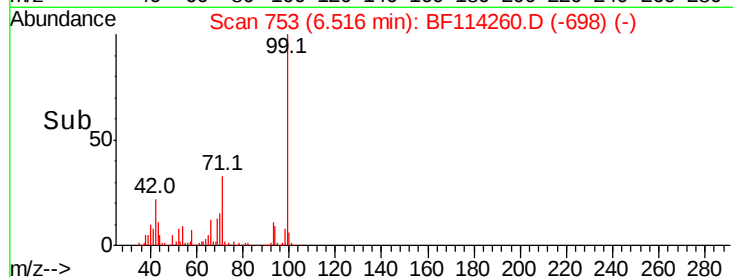
99 100

42 21.9 17.9 26.9

71 32.6 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: 34.163 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

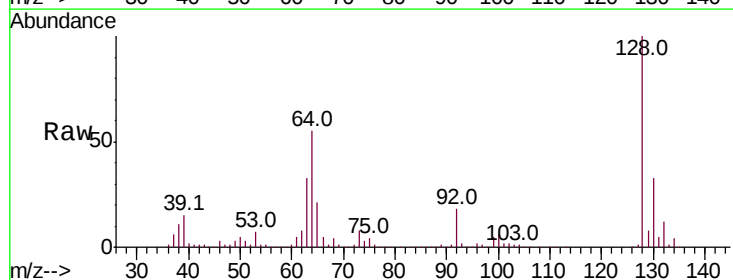
Tgt Ion:128 Resp: 564880

Ion Ratio Lower Upper

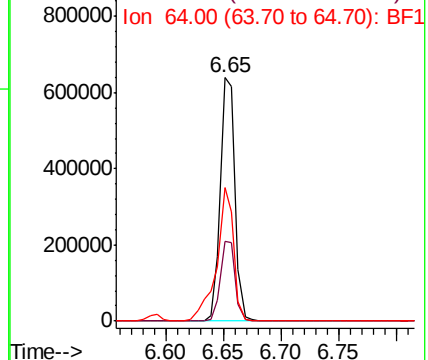
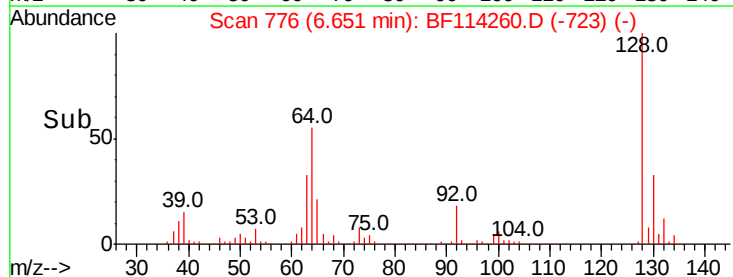
128 100

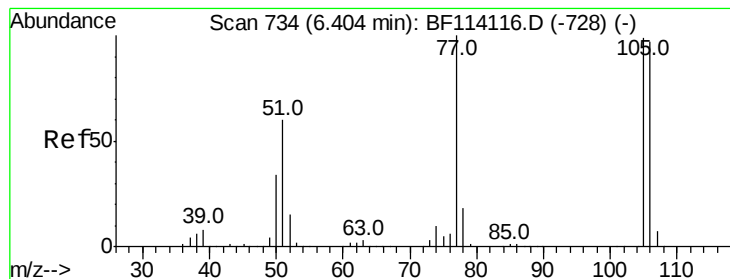
130 32.7 12.6 52.6

64 55.0 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: 19.981 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

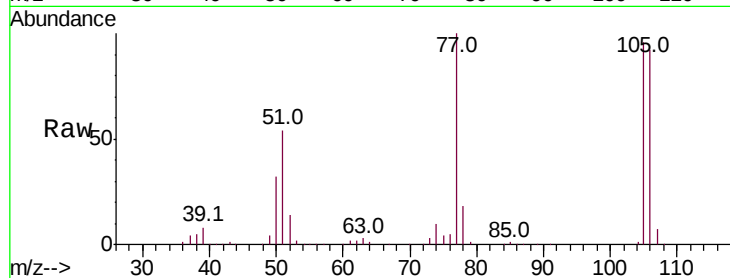
Tot Ion: 77 Resp: 256237

Ion Ratio Lower Upper

77 100

105 96.2 79.3 119.3

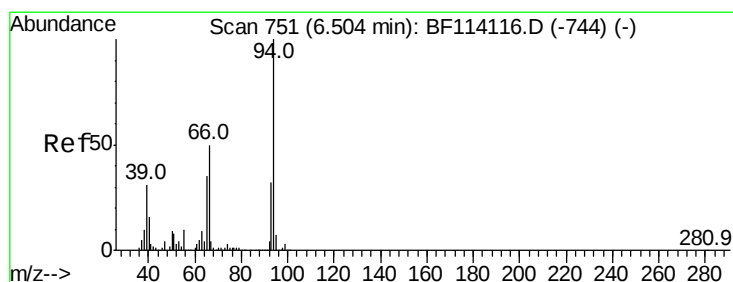
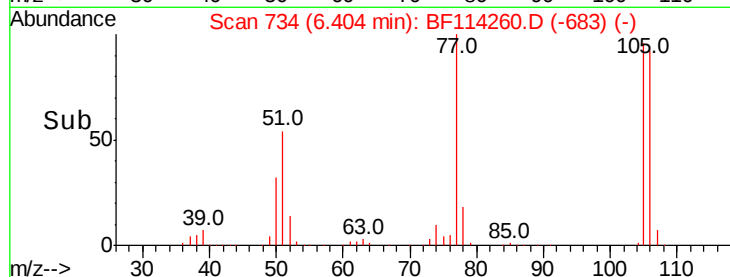
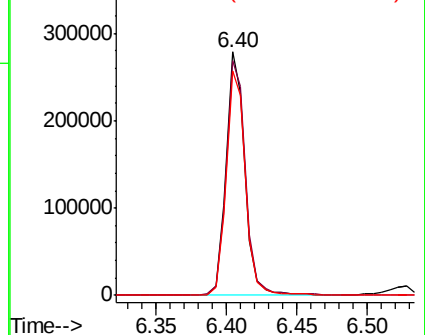
106 92.2 77.0 117.0



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: 31.901 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

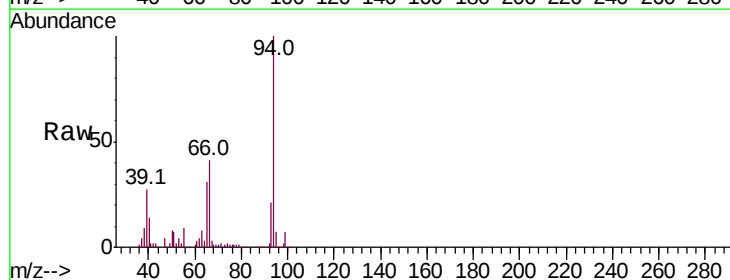
Tgt Ion: 94 Resp: 687442

Ion Ratio Lower Upper

94 100

65 31.1 14.7 54.7

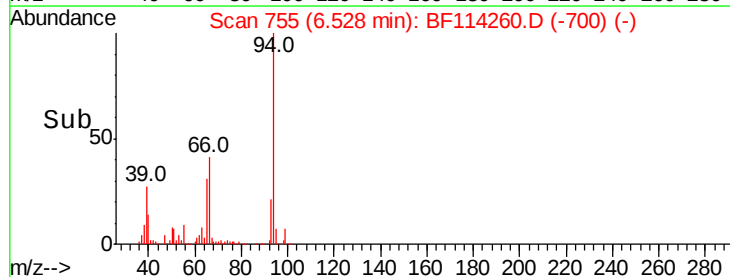
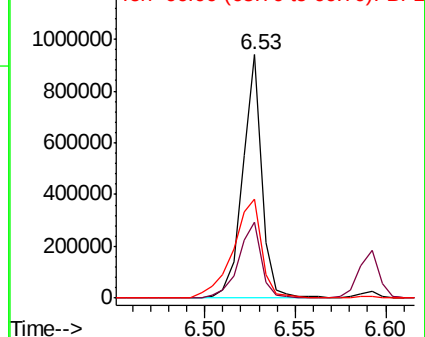
66 40.8 29.6 69.6



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

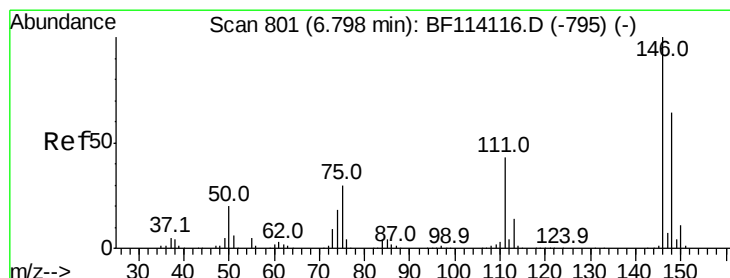
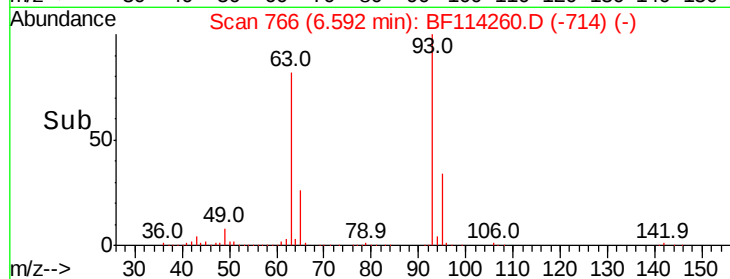
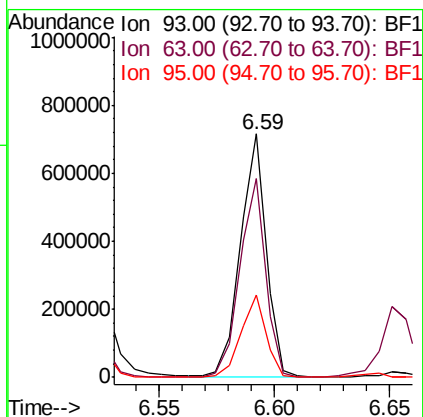
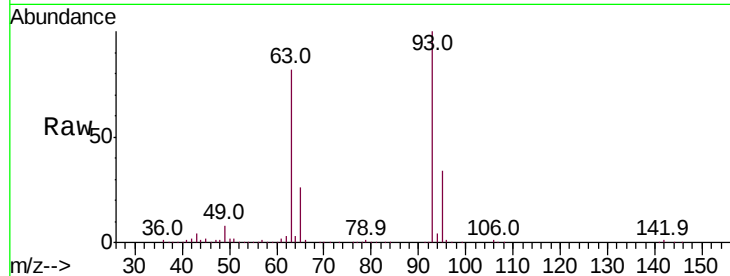




#11
bis(2-Chloroethyl)ether
Concen: 34.217 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

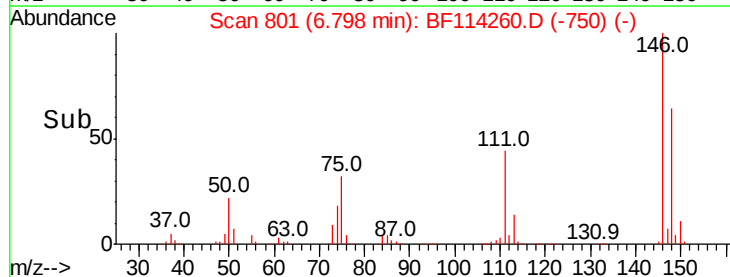
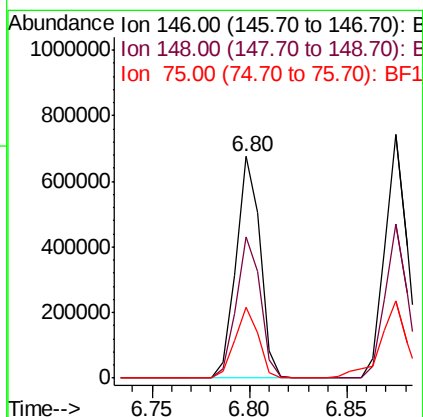
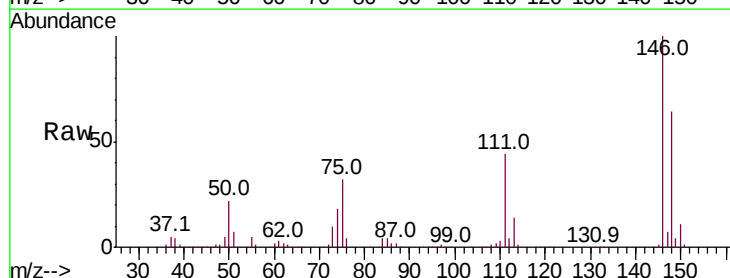
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

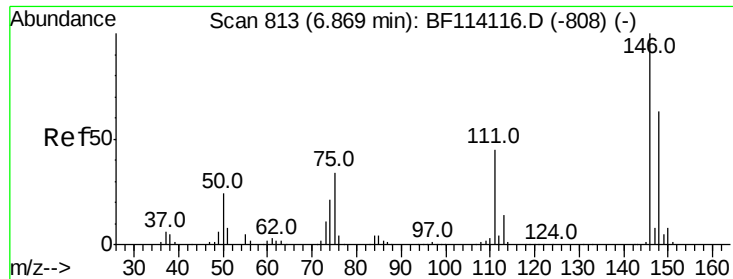
Tot Ion: 93 Resp: 559794
Ion Ratio Lower Upper
93 100
63 81.8 63.6 103.6
95 33.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 31.198 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion: 146 Resp: 579038
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
75 32.1 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 31.271 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

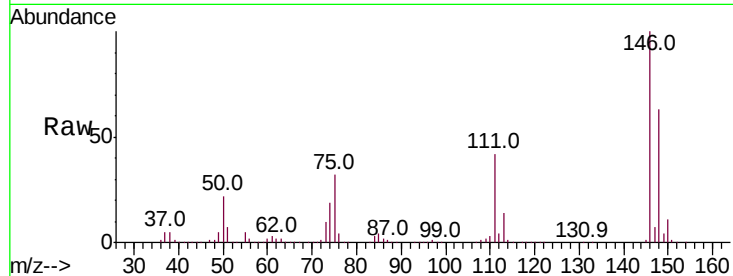
Tot Ion:146 Resp: 584851

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

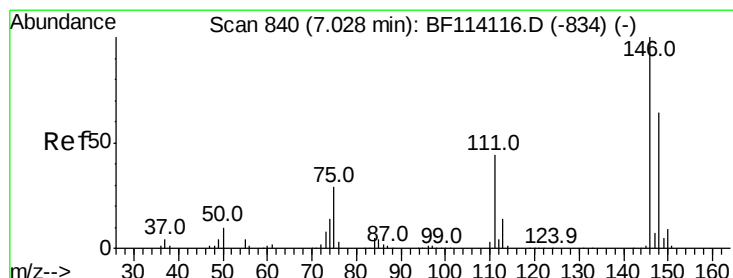
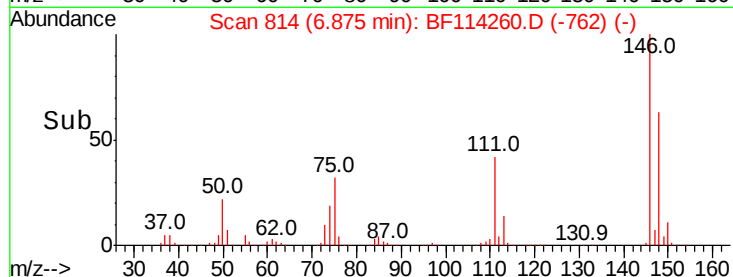
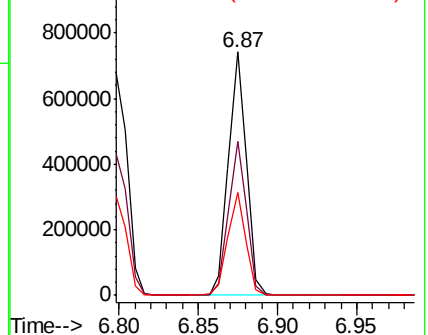
111 42.1 35.8 53.6



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: 31.688 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

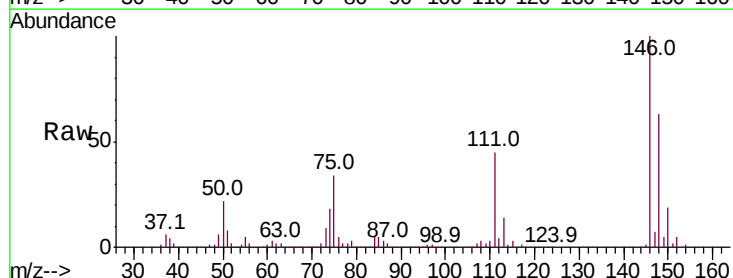
Tgt Ion:146 Resp: 541453

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

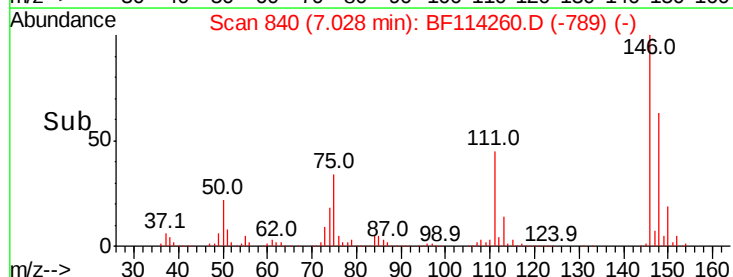
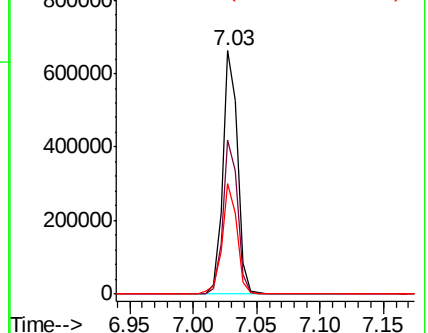
111 45.4 35.3 52.9

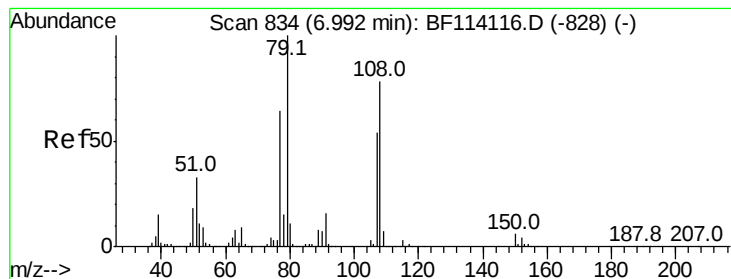


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.053 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

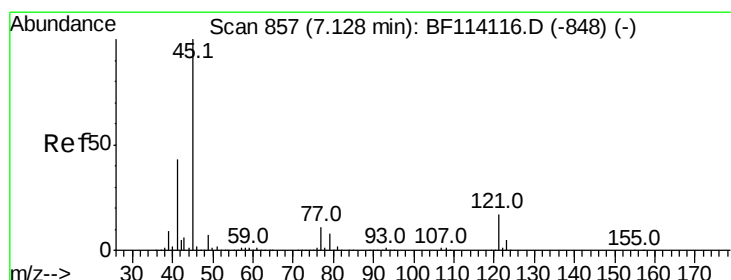
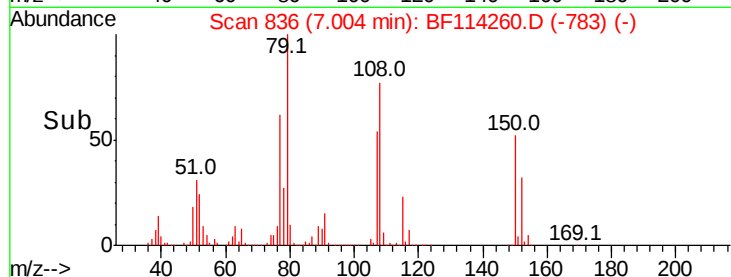
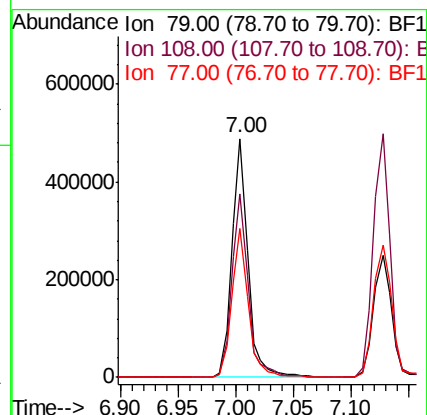
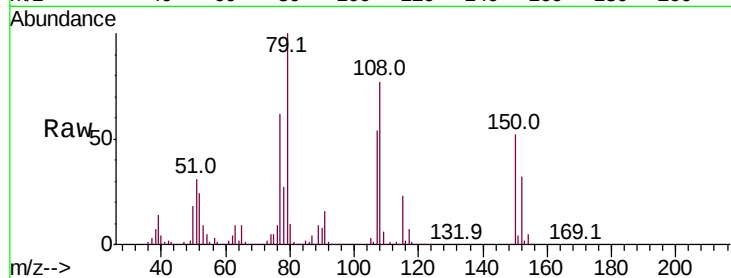
Tot Ion: 79 Resp: 472242

Ion Ratio Lower Upper

79 100

108 76.8 62.1 93.1

77 62.2 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.338 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

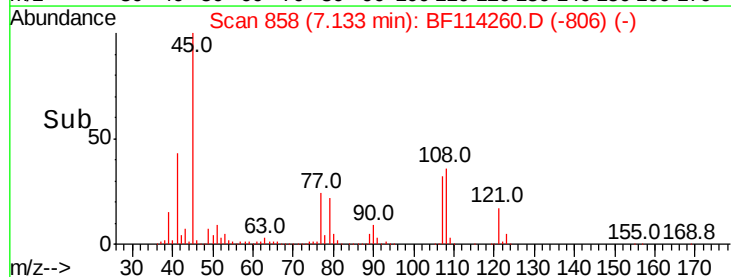
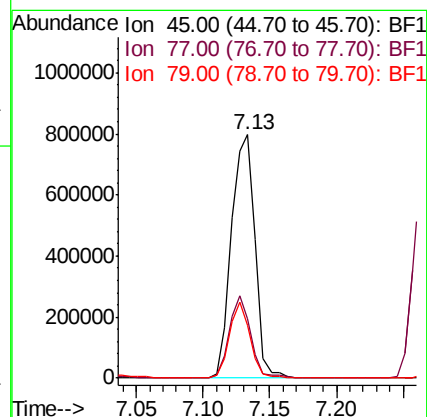
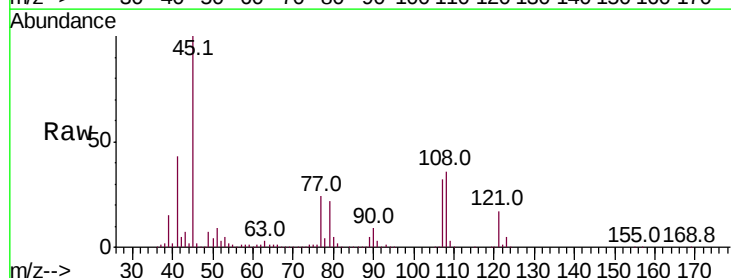
Tgt Ion: 45 Resp: 994064

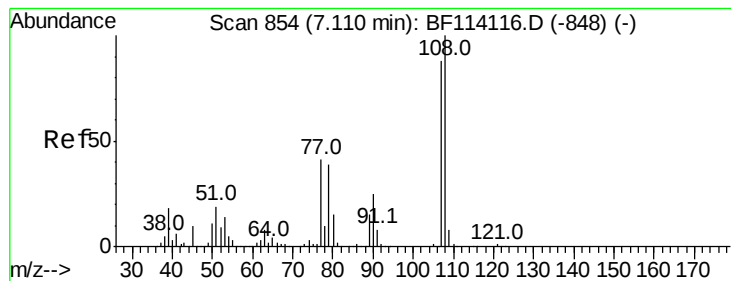
Ion Ratio Lower Upper

45 100

77 24.4 0.0 31.1

79 21.9 0.0 28.4

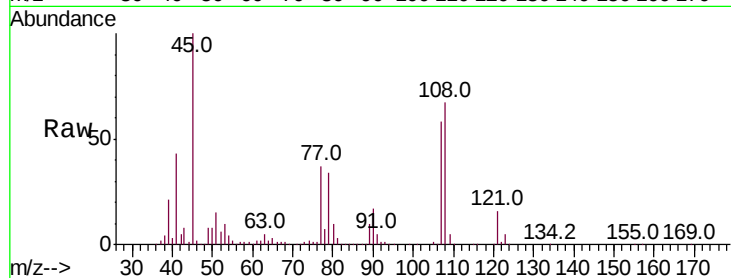




#17
2-Methylphenol
Concen: 32.194 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.5	135.7
77	62.9	37.0	55.4
79	57.6	35.8	53.8



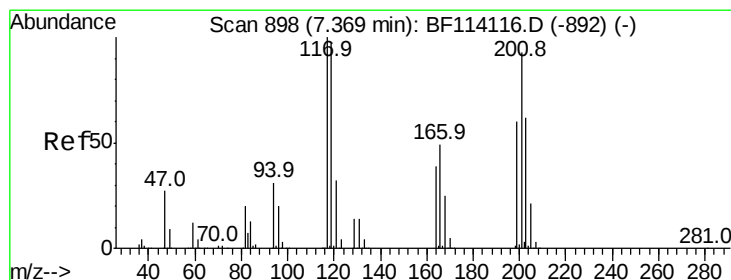
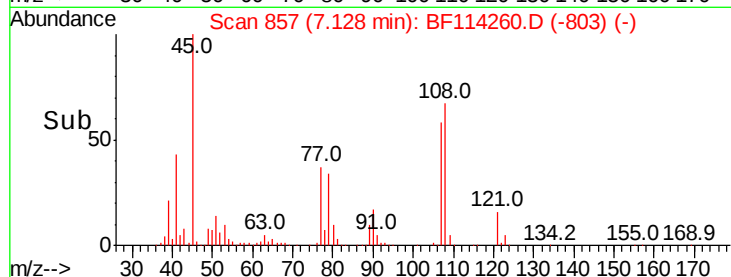
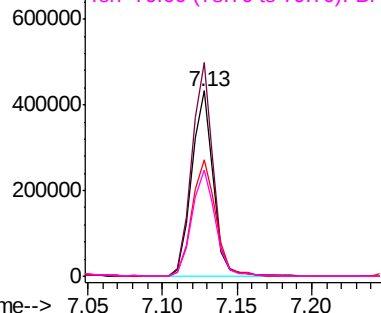
Abundance

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: 28.872 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

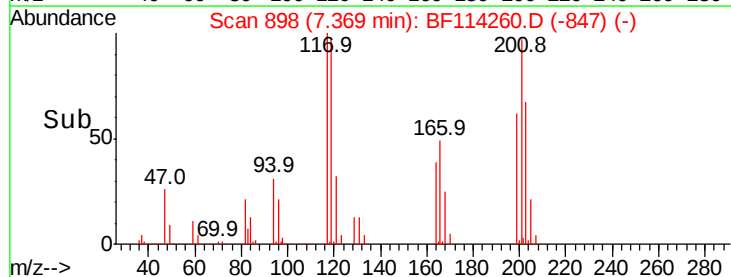
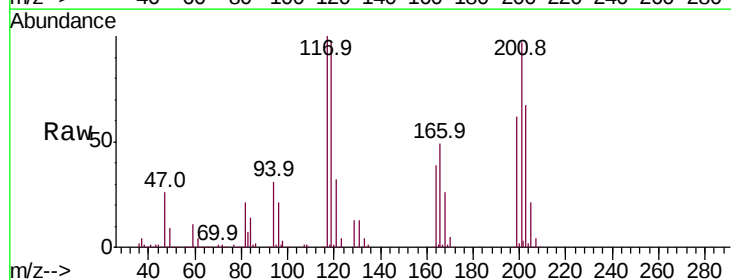
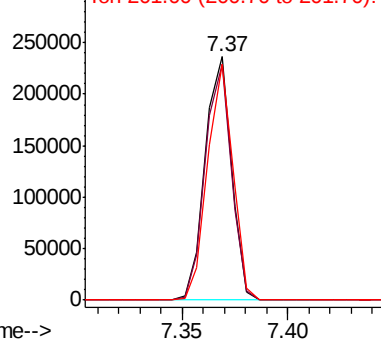
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.2
201	97.1	74.5	111.7

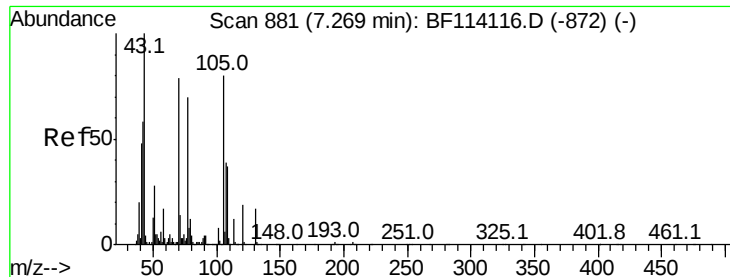
Abundance

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

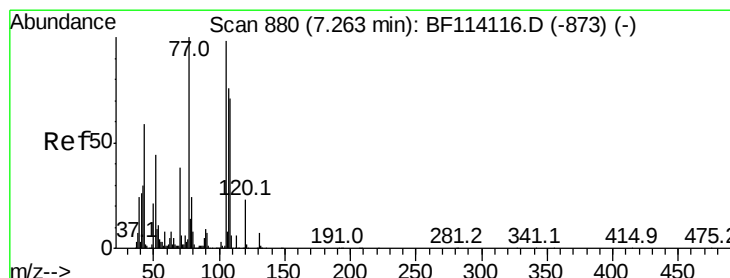
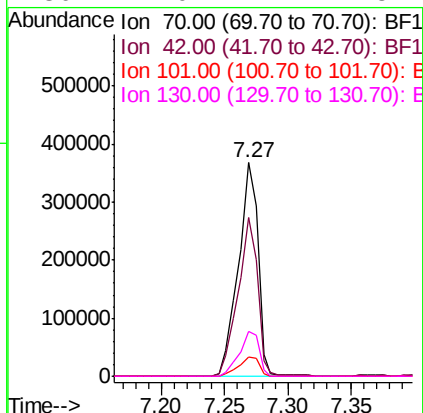
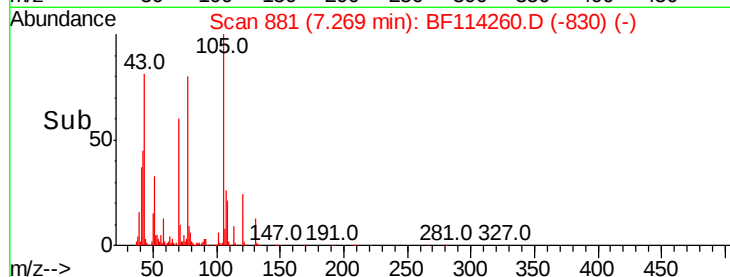
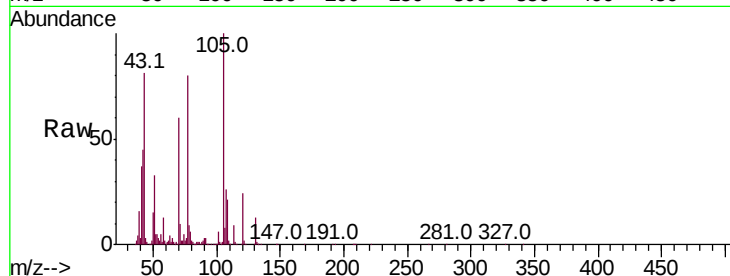




#19
n-Nitroso-di-n-propylamine
Concen: 33.836 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

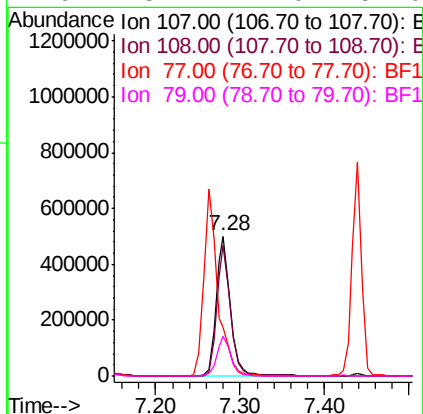
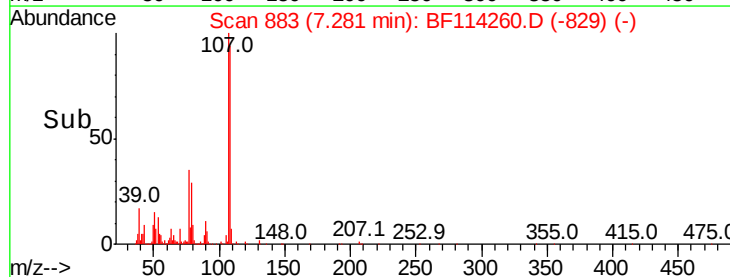
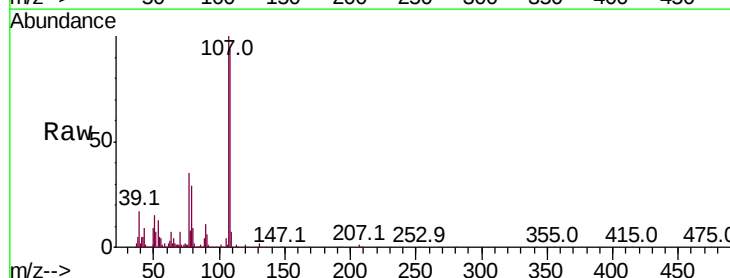
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

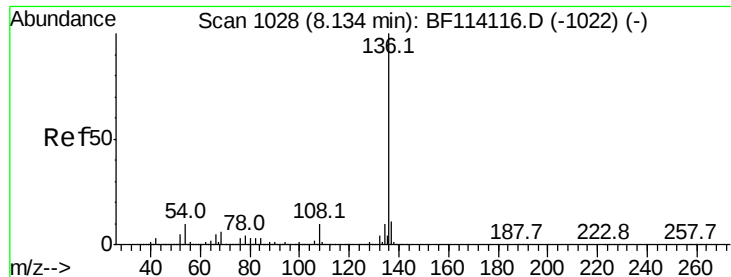
Tot Ion: 70 Resp: 392874
Ion Ratio Lower Upper
70 100
42 74.5 58.6 87.8
101 9.3 7.8 11.8
130 21.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 37.729 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:107 Resp: 592079
Ion Ratio Lower Upper
107 100
108 93.5 73.8 113.8
77 34.9 111.5 151.5#
79 28.7 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:136 Resp: 973119

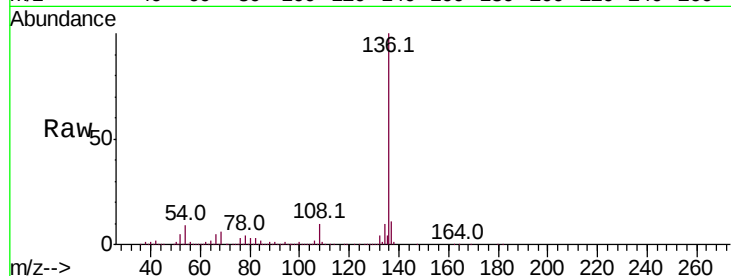
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.4 7.8 11.8

68 6.3 5.1 7.7

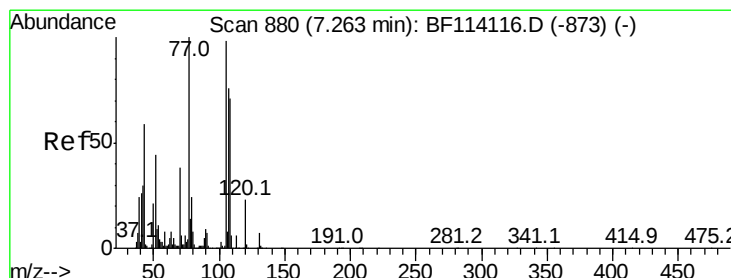
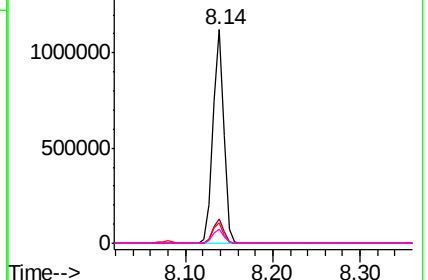
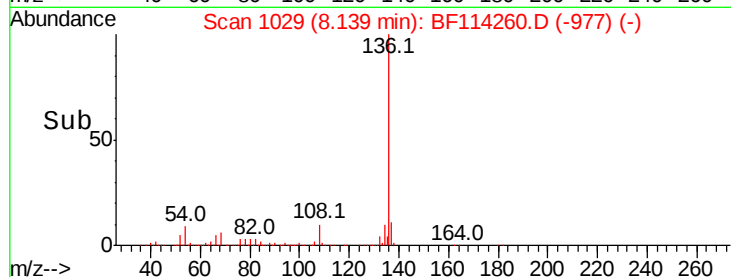


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.265 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Tgt Ion:105 Resp: 760228

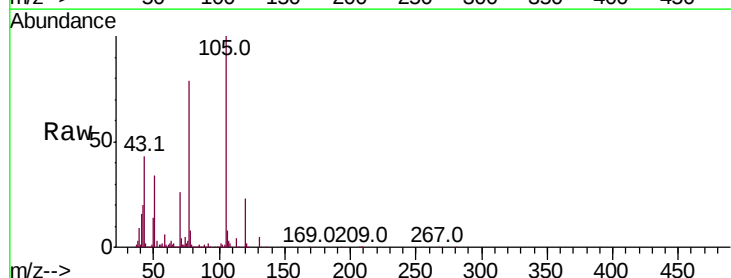
Ion Ratio Lower Upper

105 100

71 4.2 5.3 7.9#

51 34.4 36.2 54.4#

120 23.1 18.6 28.0

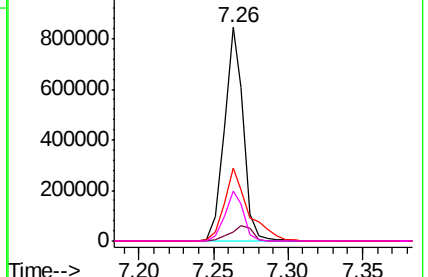
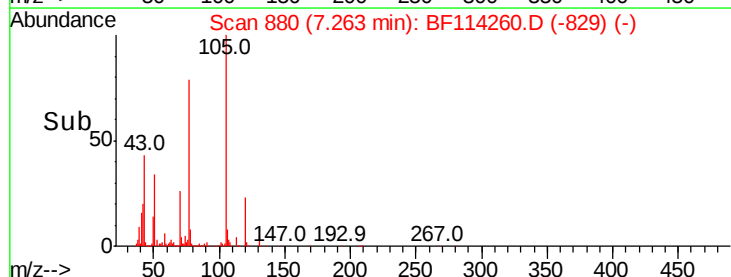


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

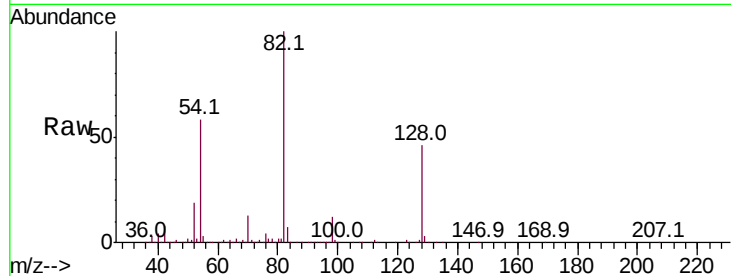




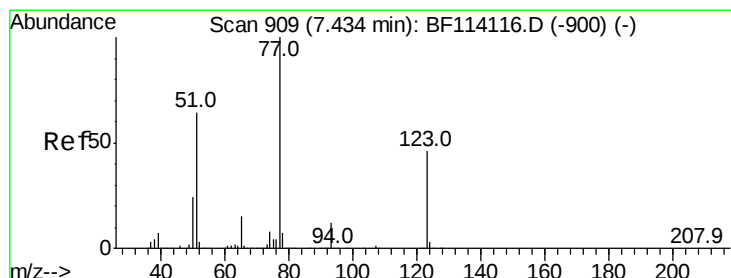
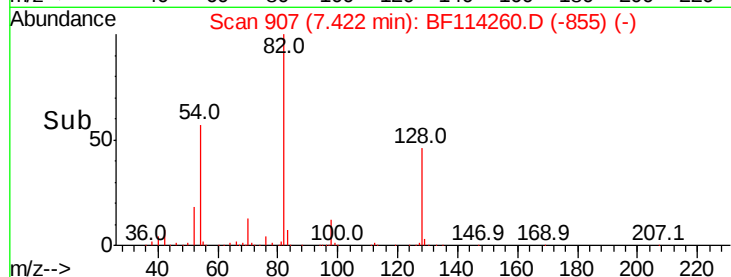
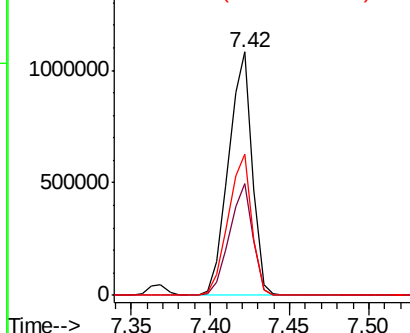
#23
 Nitrobenzene-d5
 Concen: 64.530 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion: 82 Resp: 1118952
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.5 53.3
 54 57.9 48.5 72.7

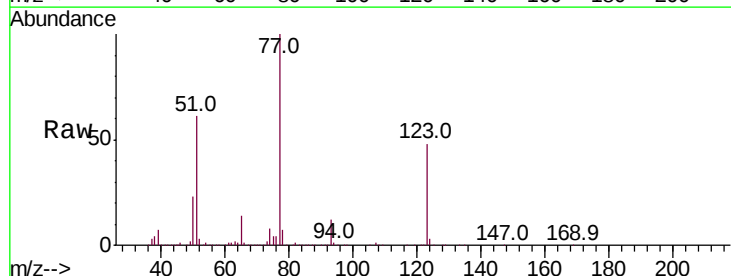


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

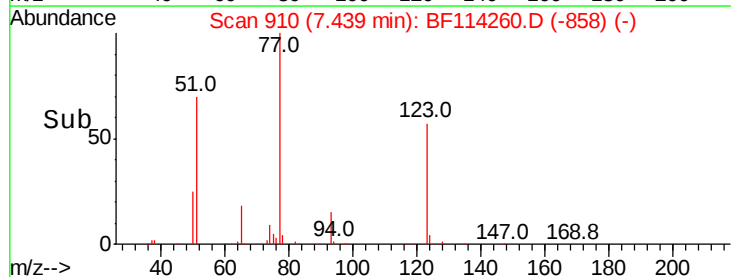
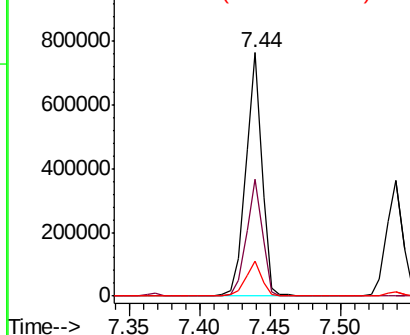


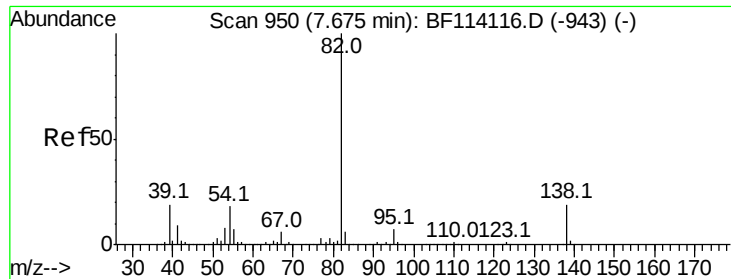
#24
 Nitrobenzene
 Concen: 34.172 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion: 77 Resp: 603501
 Ion Ratio Lower Upper
 77 100
 123 48.0 36.9 55.3
 65 14.4 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: 33.425 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

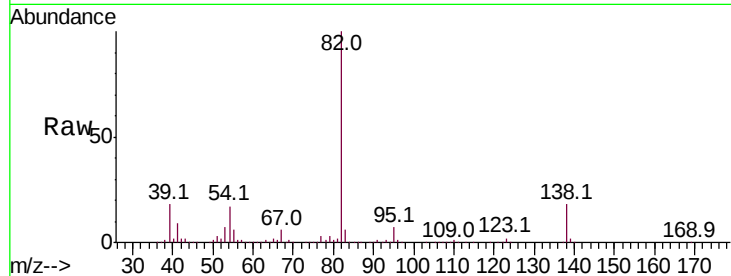
Tot Ion: 82 Resp: 1074910

Ion Ratio Lower Upper

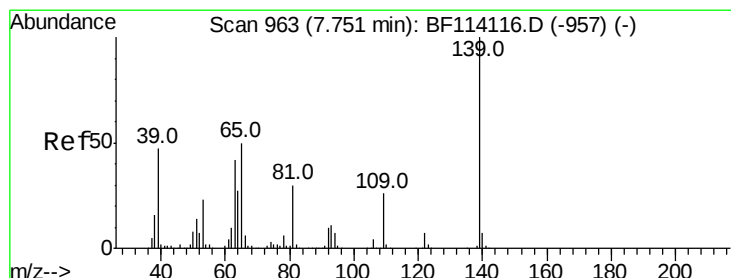
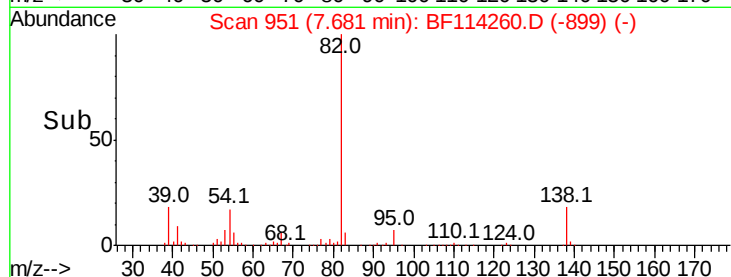
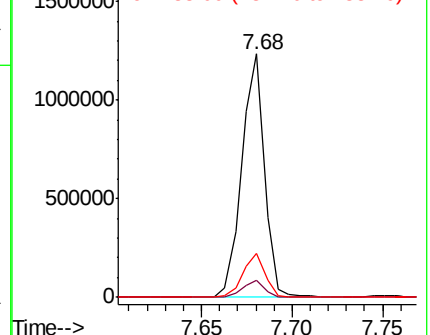
82 100

95 6.9 5.6 8.4

138 18.2 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: 35.754 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

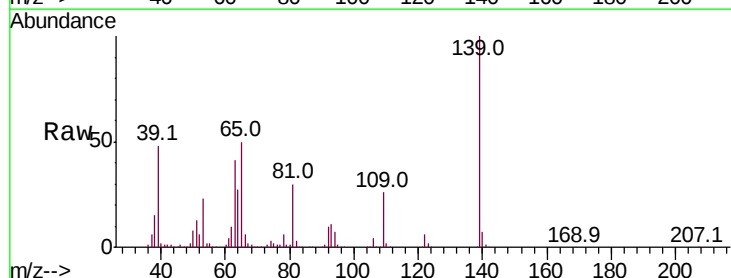
Tgt Ion: 139 Resp: 306352

Ion Ratio Lower Upper

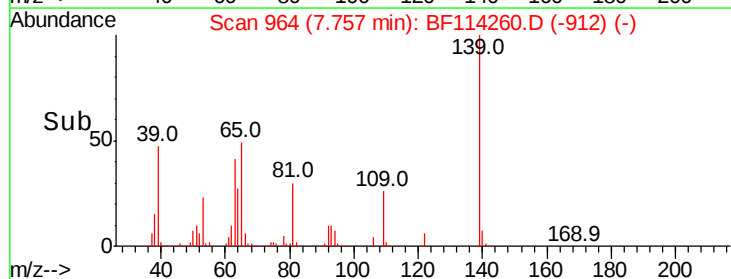
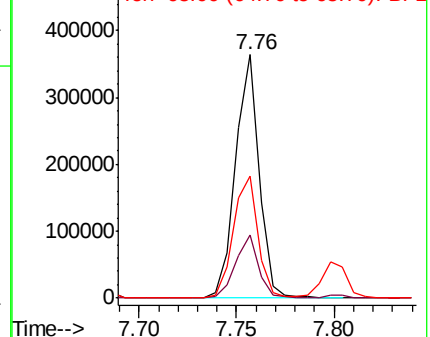
139 100

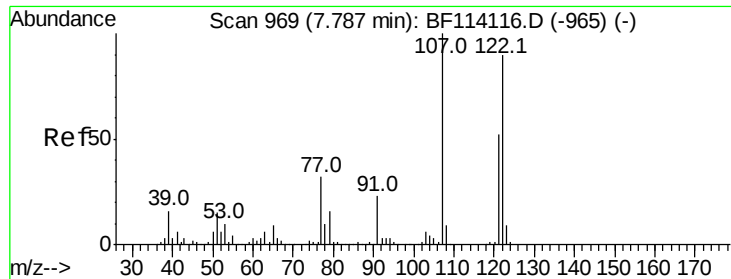
109 25.8 20.7 31.1

65 49.9 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

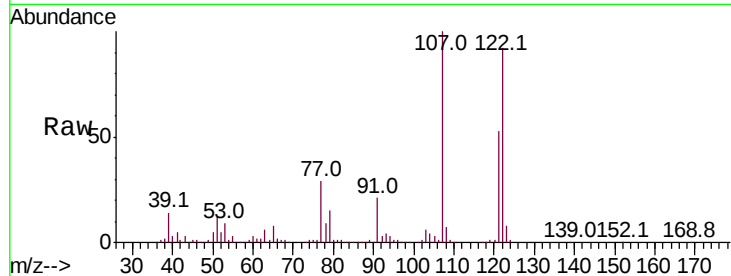




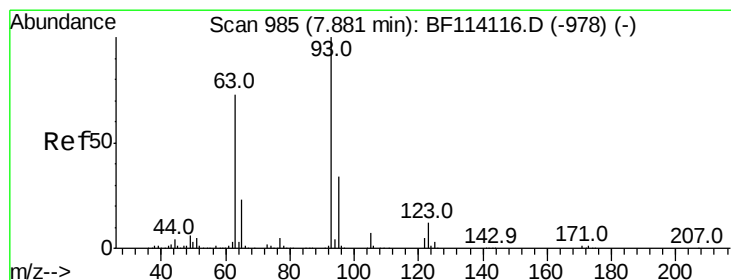
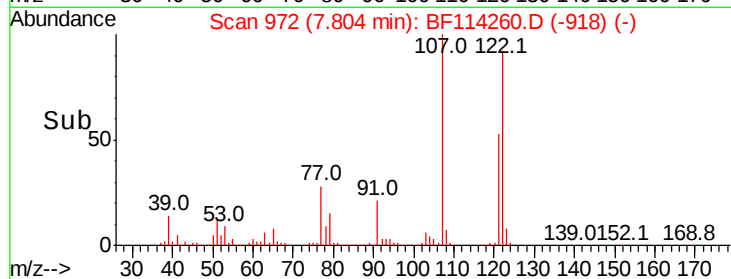
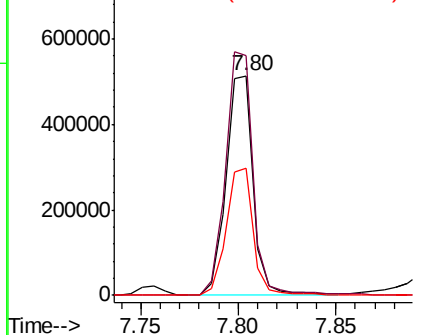
#27
2,4-Dimethylphenol
Concen: 36.675 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:122 Resp: 493551
Ion Ratio Lower Upper
122 100
107 109.2 88.4 132.6
121 57.6 45.9 68.9

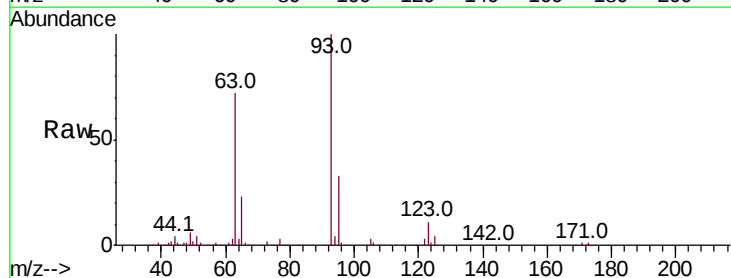


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

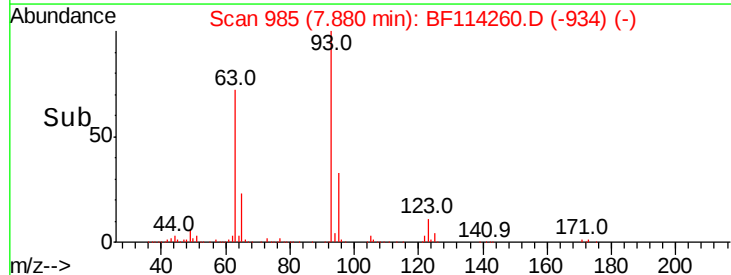
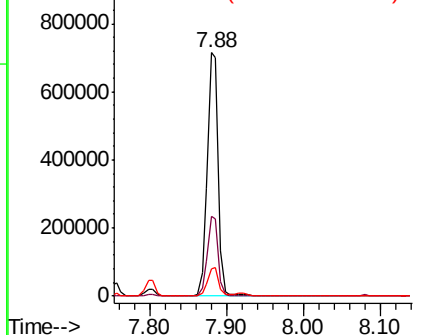


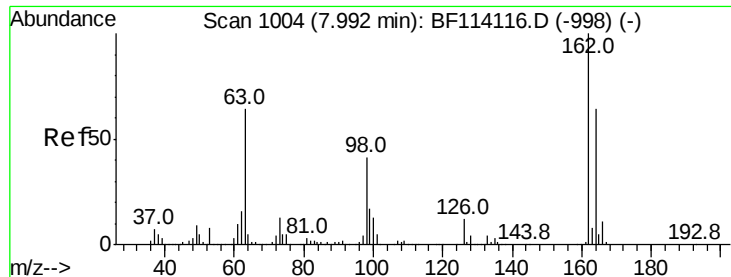
#28
bis(2-Chloroethoxy)methane
Concen: 33.737 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion: 93 Resp: 703947
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.3 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: 34.077 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

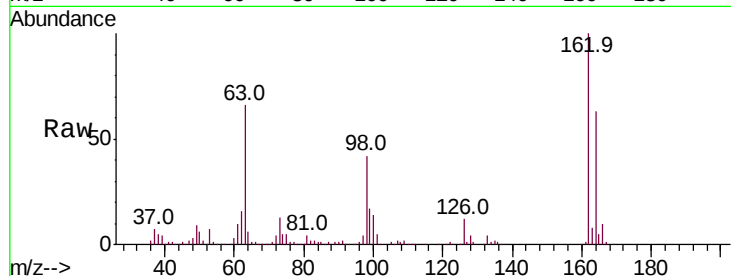
Tot Ion:162 Resp: 456646

Ion Ratio Lower Upper

162 100

164 63.0 43.6 83.6

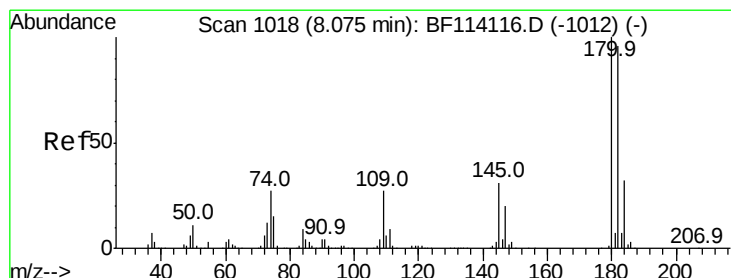
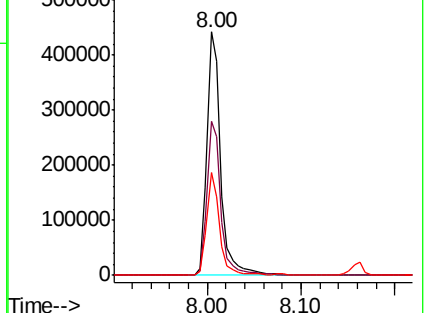
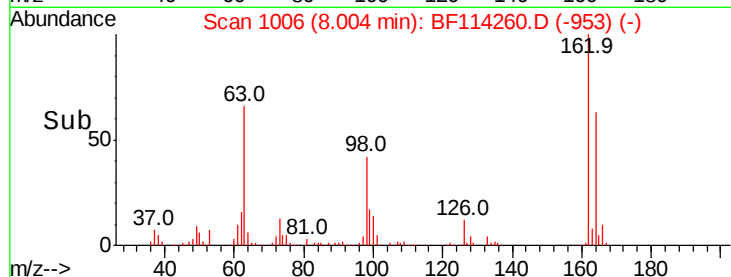
98 42.4 20.6 60.6



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: 31.638 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

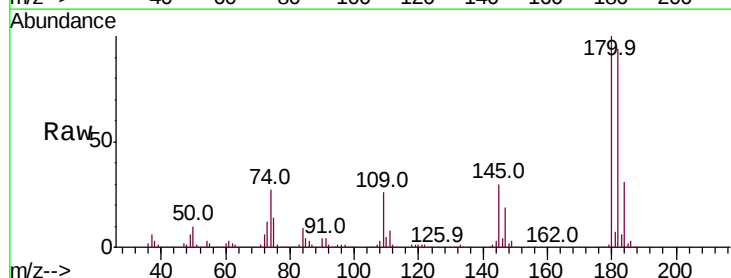
Tgt Ion:180 Resp: 482097

Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

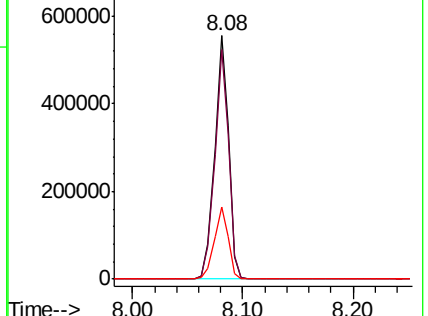
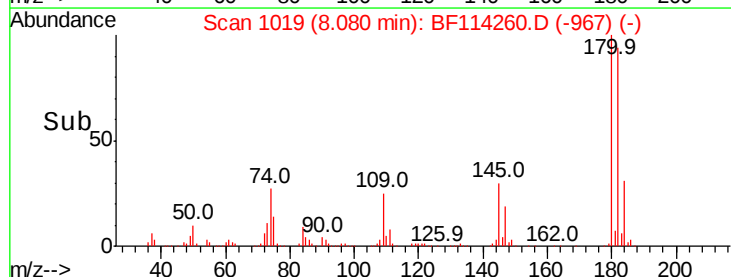
145 29.7 25.1 37.7

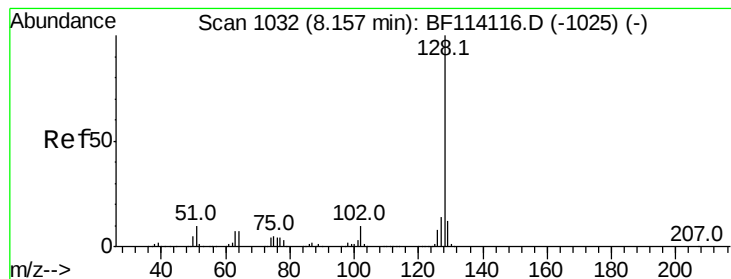


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.659 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

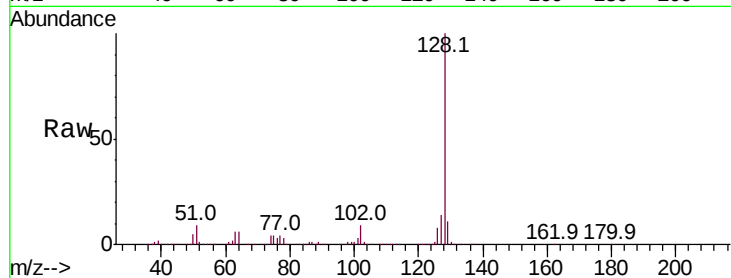
Tot Ion:128 Resp: 1575449

Ion Ratio Lower Upper

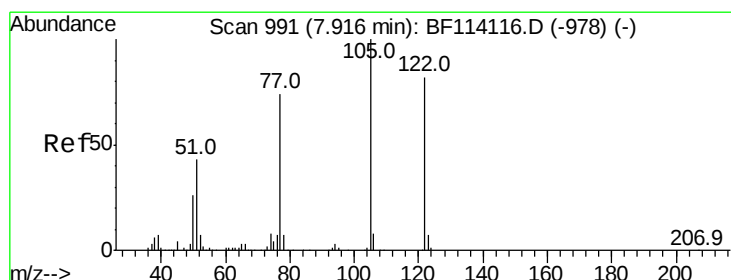
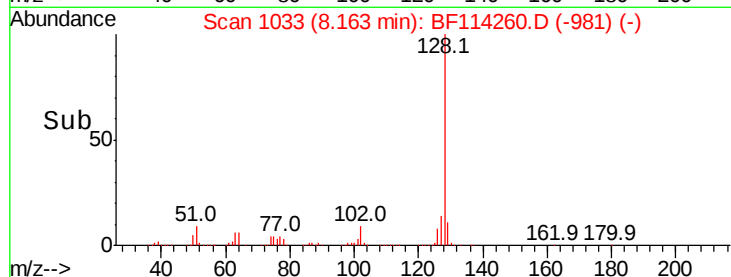
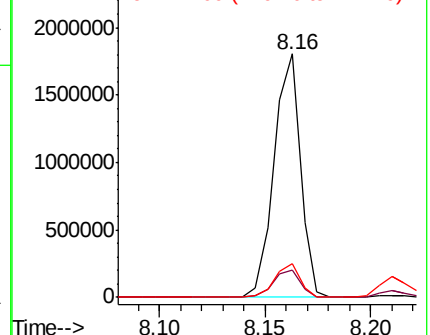
128 100

129 11.2 9.6 14.4

127 13.6 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: 26.902 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

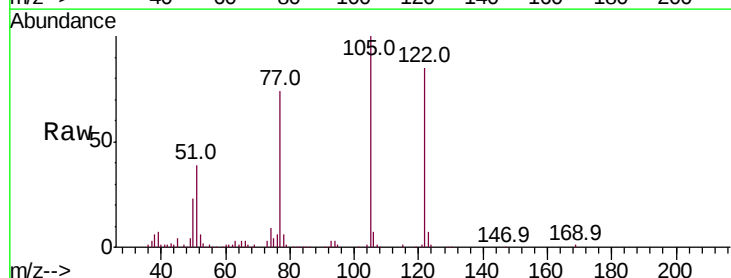
Tgt Ion:122 Resp: 223453

Ion Ratio Lower Upper

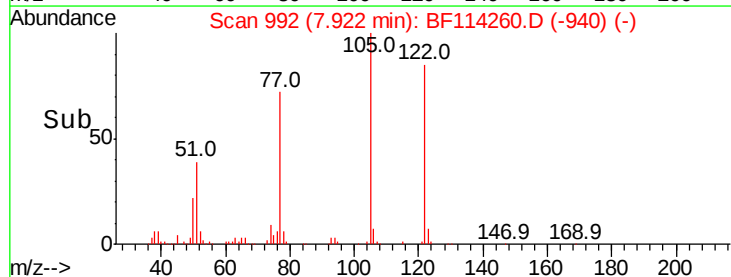
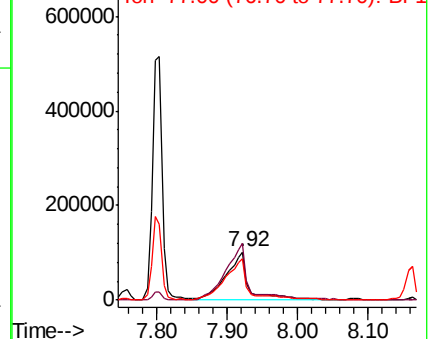
122 100

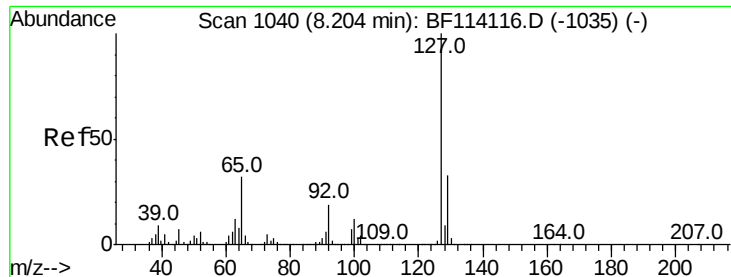
105 117.8 99.9 139.9

77 86.8 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

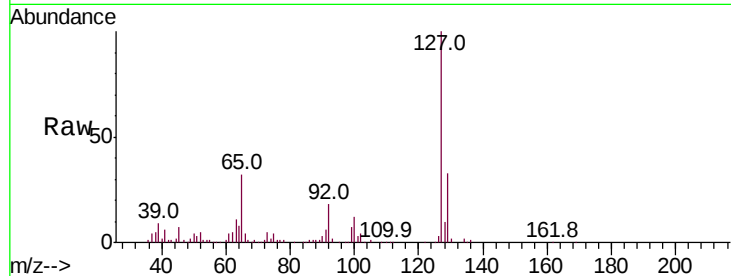




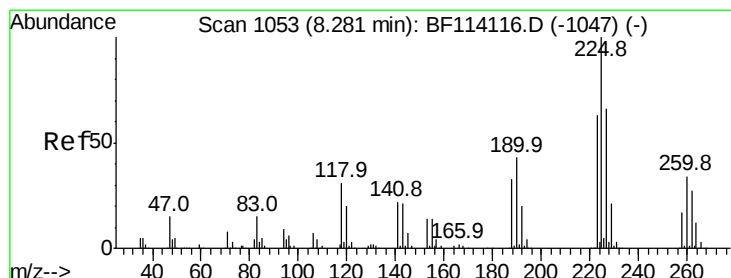
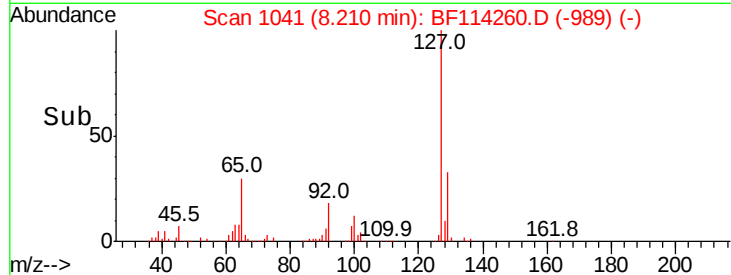
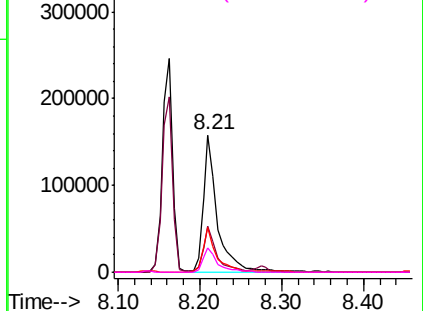
#33
 4-Chloroaniline
 Concen: 9.241 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion:	127	Resp:	191409
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.7	40.1
65	32.2	25.4	38.0
92	18.2	15.4	23.2

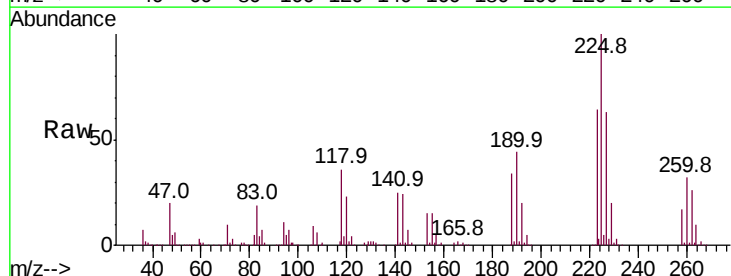


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

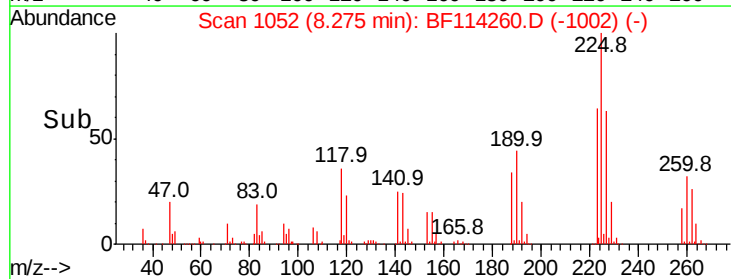
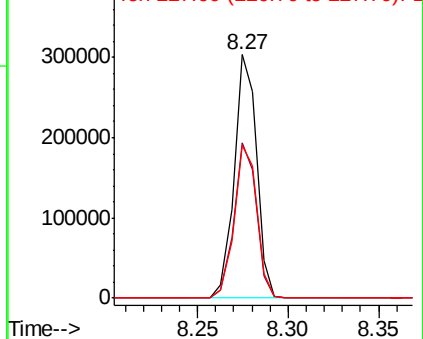


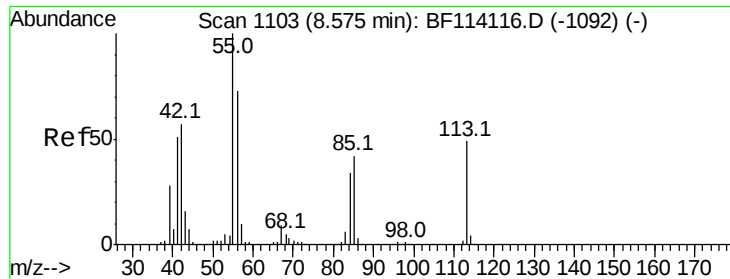
#34
 Hexachlorobutadiene
 Concen: 30.170 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion:	225	Resp:	261580
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	62.9	52.6	79.0



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

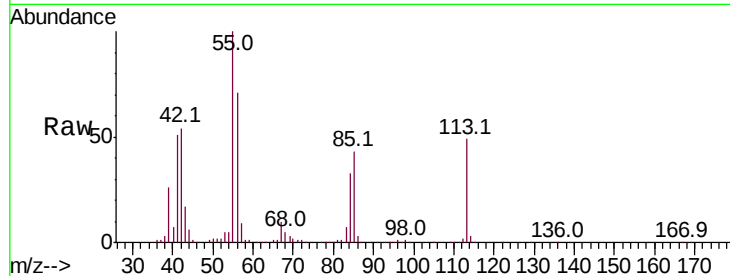




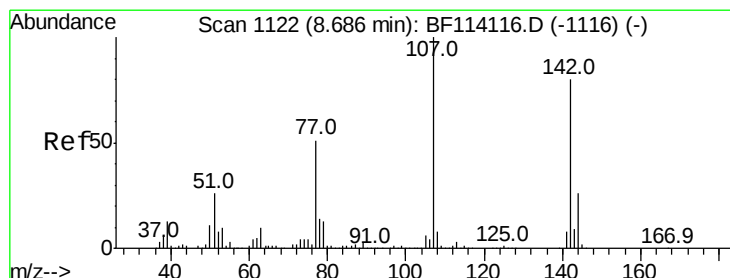
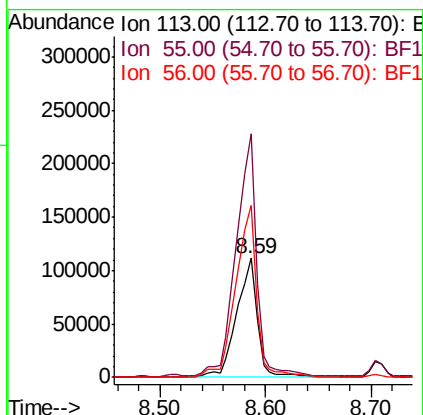
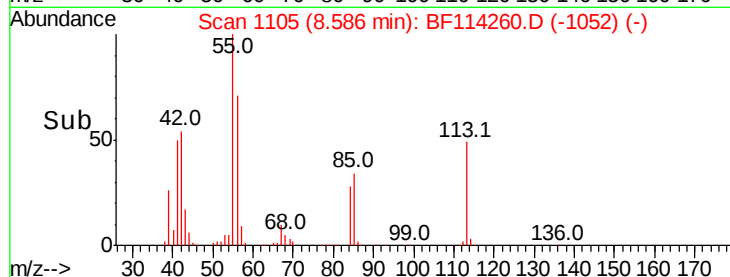
#35
Caprolactam
Concen: 34.382 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:113 Resp: 150233
Ion Ratio Lower Upper
113 100
55 203.9 183.5 223.5
56 144.4 128.8 168.8

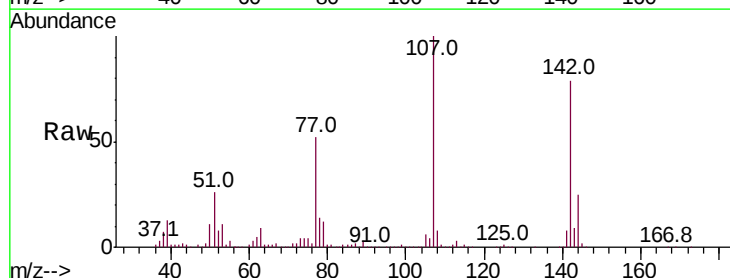


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

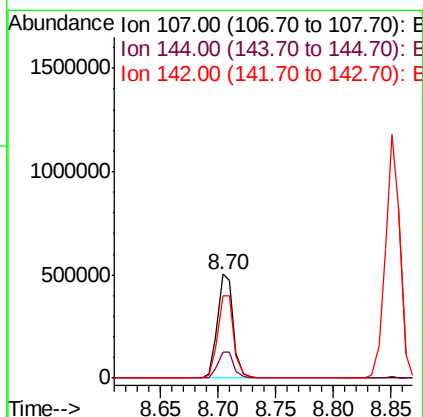
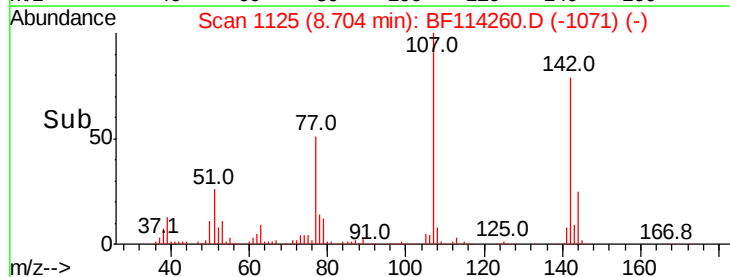


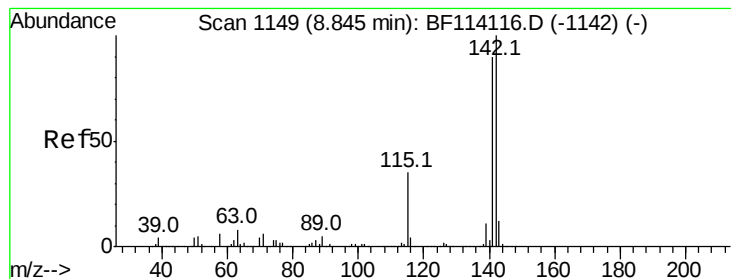
#36
4-Chloro-3-methylphenol
Concen: 35.723 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:107 Resp: 481859
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 78.8 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

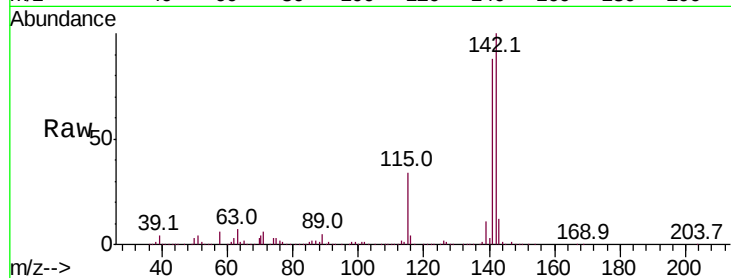




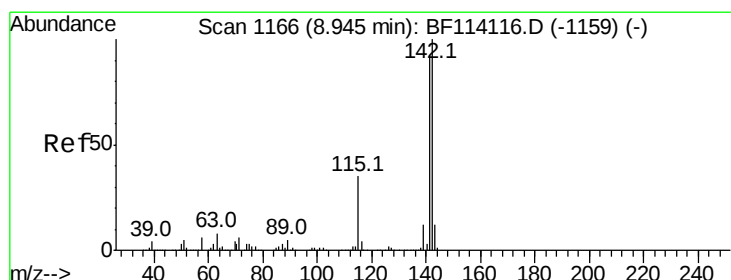
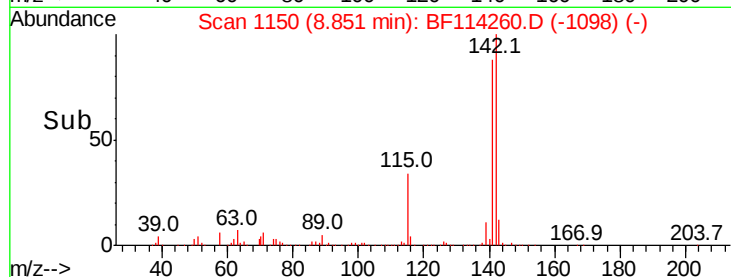
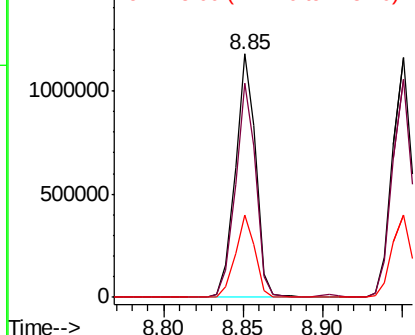
#37
2-Methylnaphthalene
Concen: 35.672 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:142 Resp: 1046175
Ion Ratio Lower Upper
142 100
141 88.2 72.1 108.1
115 33.8 28.0 42.0

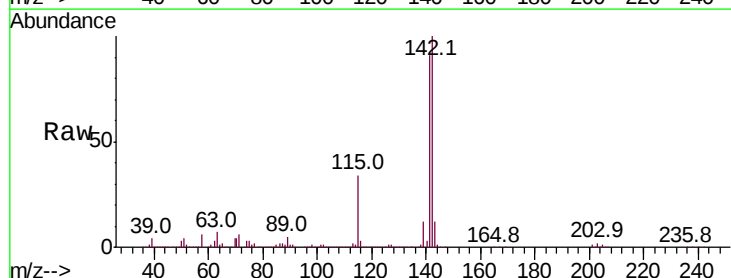


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

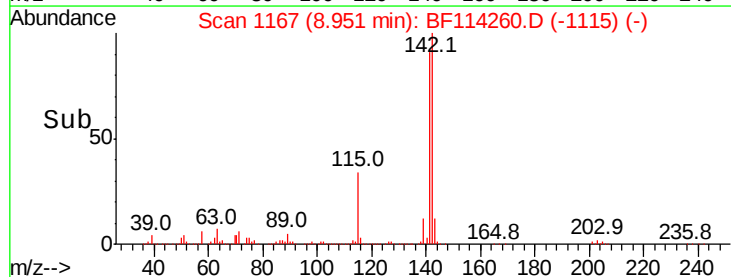
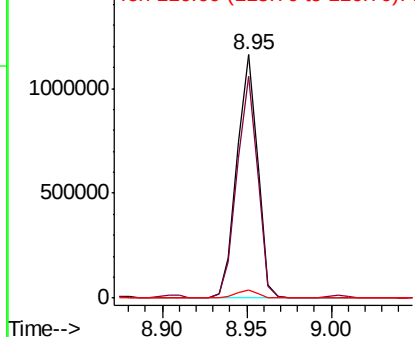


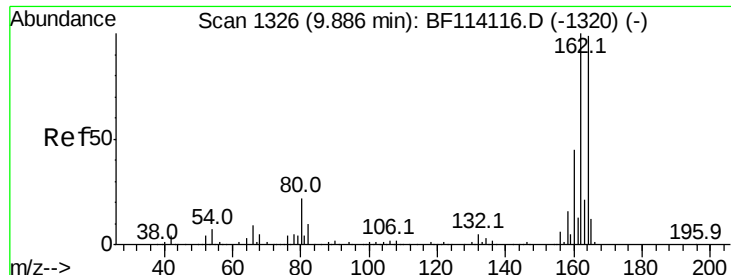
#38
1-Methylnaphthalene
Concen: 35.650 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:142 Resp: 984607
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0
116 3.5 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

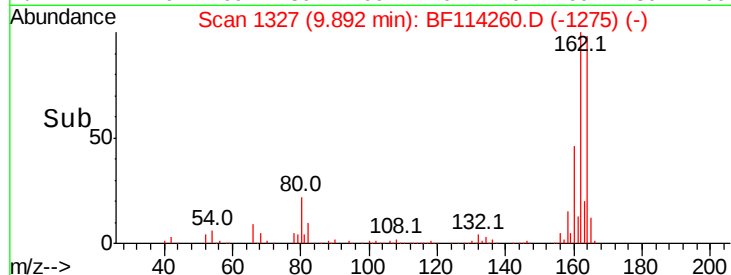
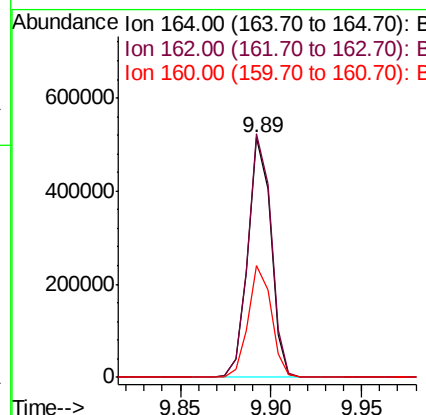
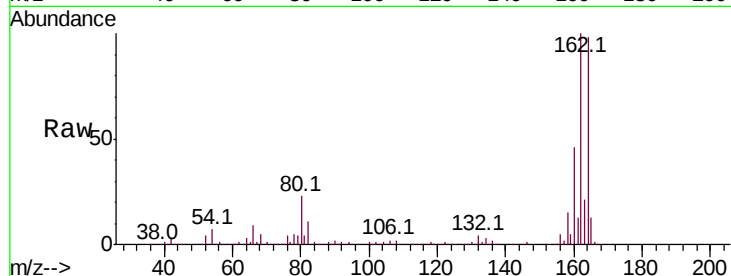




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

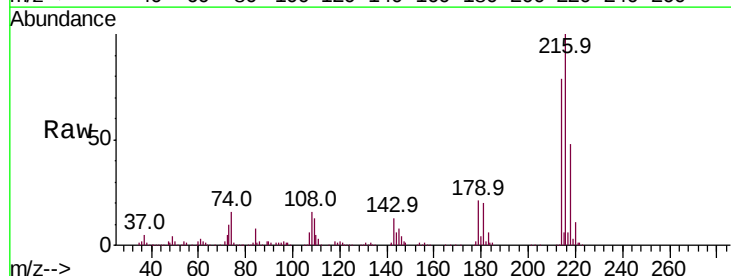
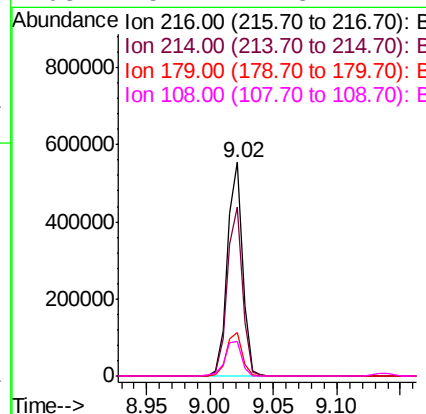
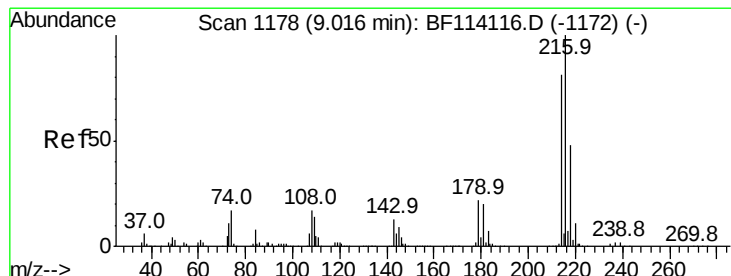
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MSD

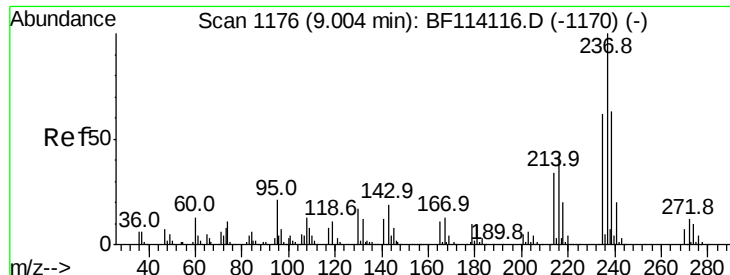
Tot Ion:	164	Resp:	453131
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.7	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.703 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion:	216	Resp:	462614
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.9	95.9
179	21.2	17.0	25.6
108	18.1	14.8	22.2

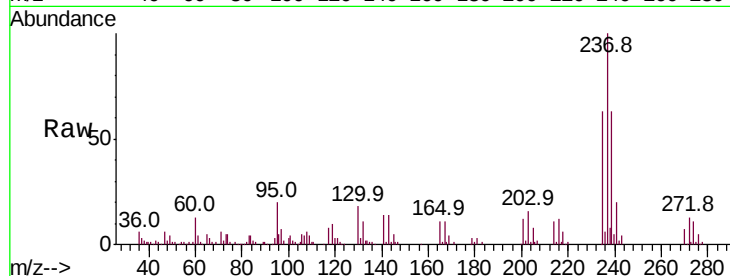




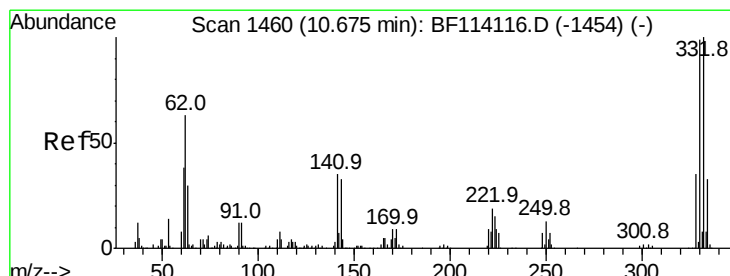
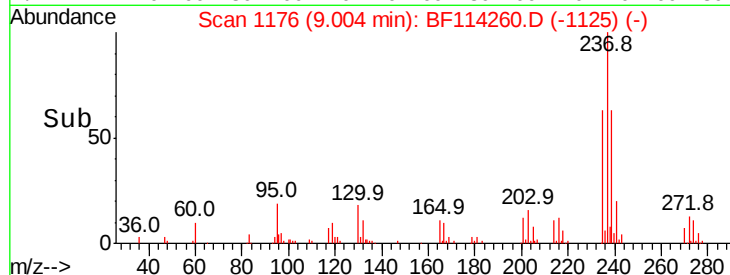
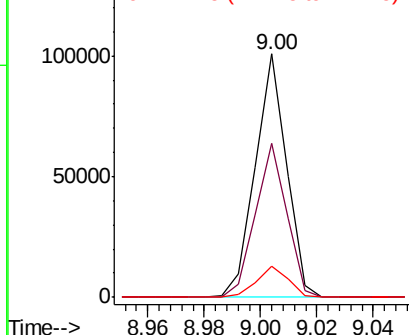
#41
Hexachlorocyclopentadiene
Concen: 15.787 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:237 Resp: 77493
Ion Ratio Lower Upper
237 100
235 63.0 42.0 82.0
272 12.6 0.0 32.4

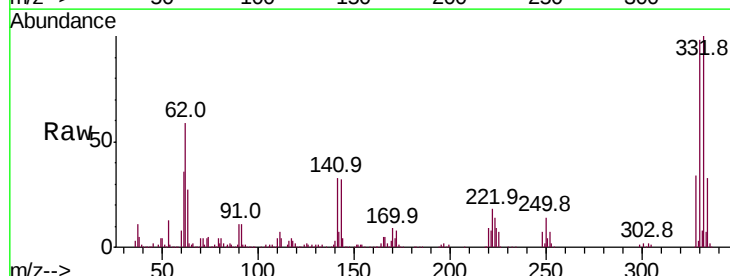


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

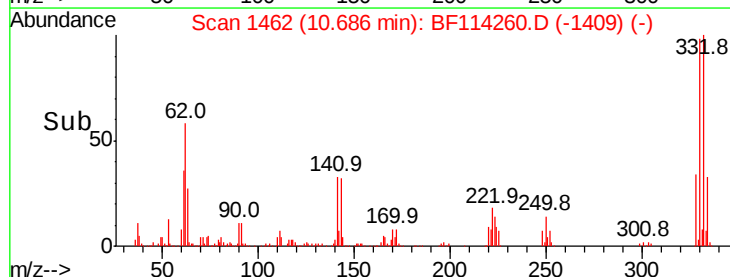
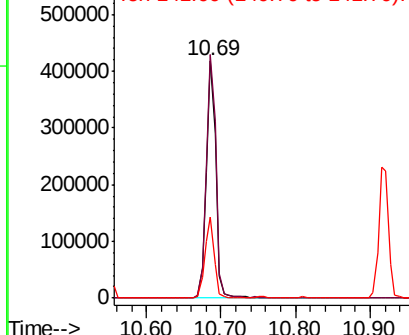


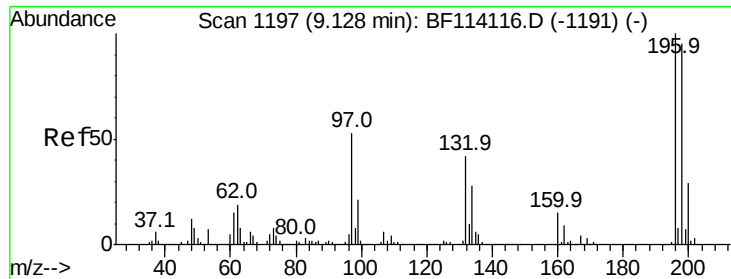
#42
2,4,6-Tribromophenol
Concen: 80.748 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:330 Resp: 378274
Ion Ratio Lower Upper
330 100
332 103.7 81.4 122.2
141 33.5 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

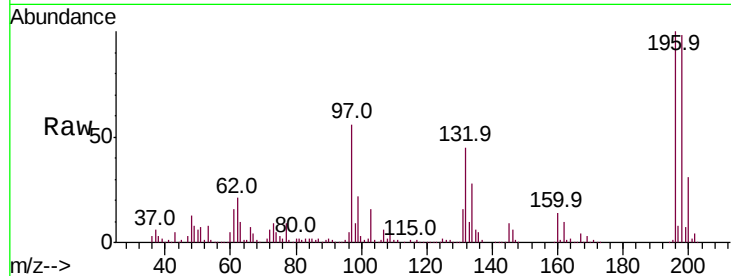




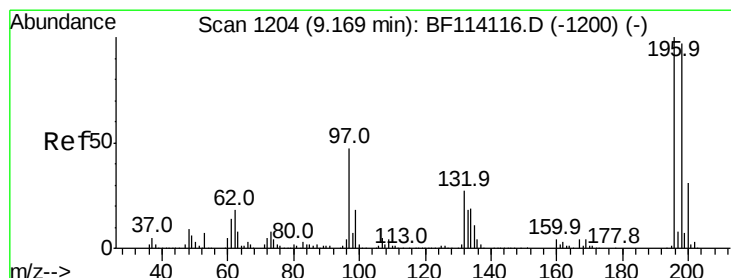
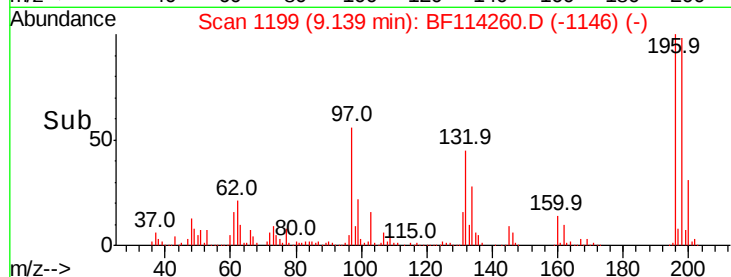
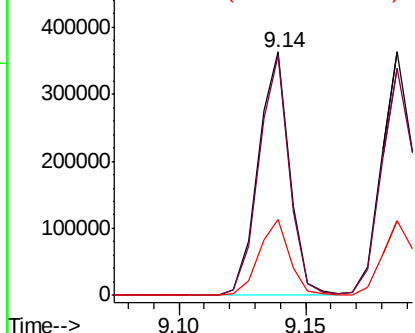
#43
 2,4,6-Trichlorophenol
 Concen: 33.098 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion:196 Resp: 312494
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.9 113.9
 200 31.2 23.5 35.3

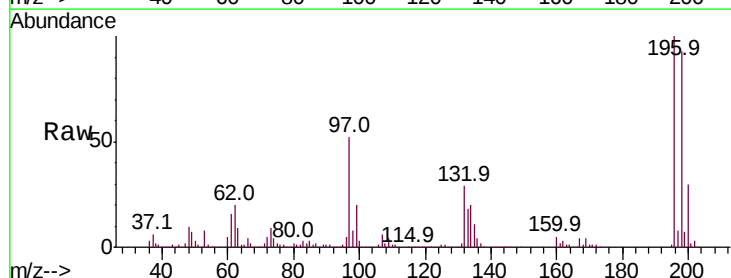


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

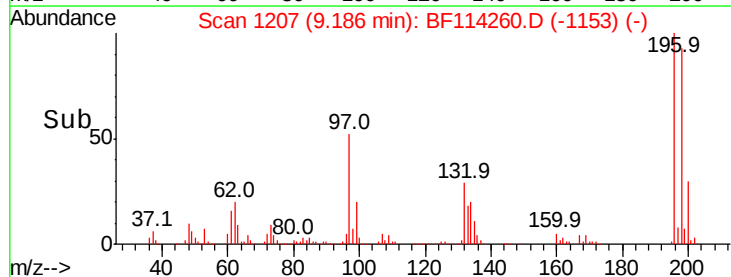
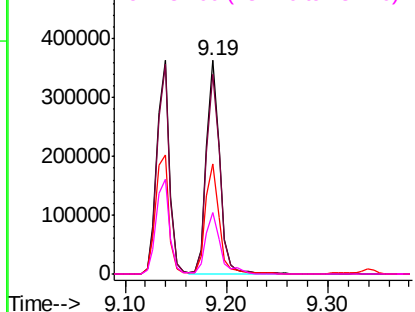


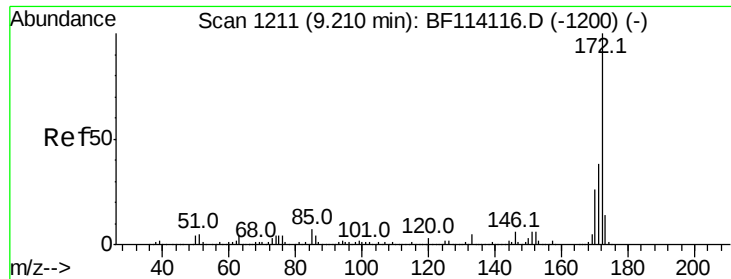
#44
 2,4,5-Trichlorophenol
 Concen: 34.196 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion:196 Resp: 331106
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.7 116.5
 97 51.8 38.2 57.2
 132 28.8 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



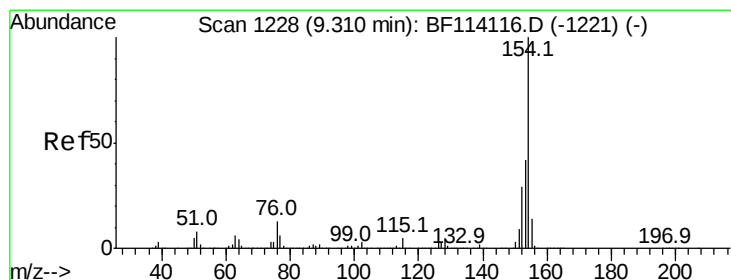
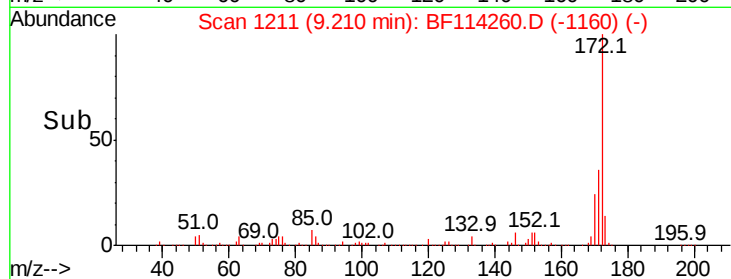
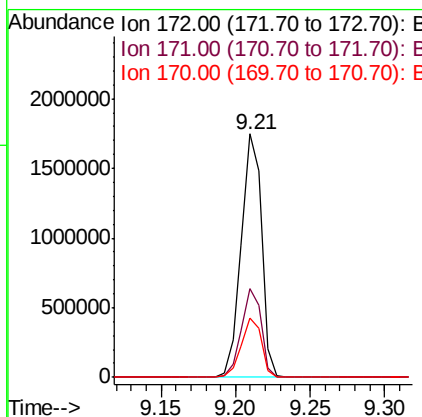
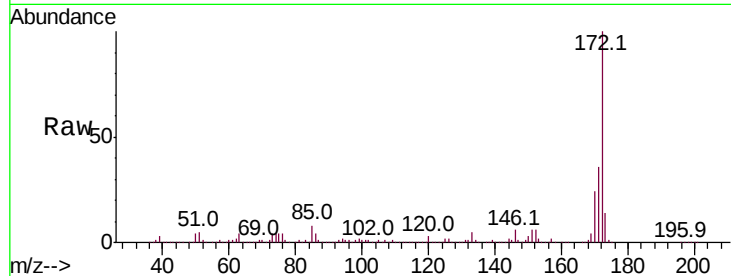


#45
 2-Fluorobiphenyl
 Concen: 55.450 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion:172 Resp: 1661038

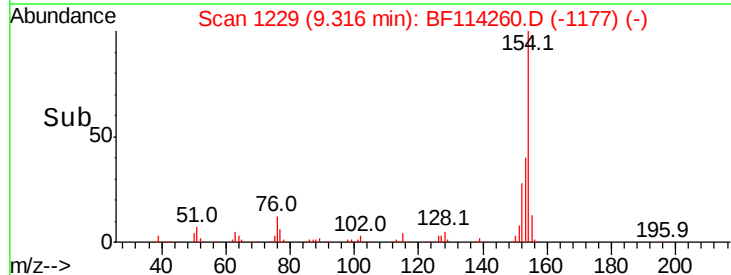
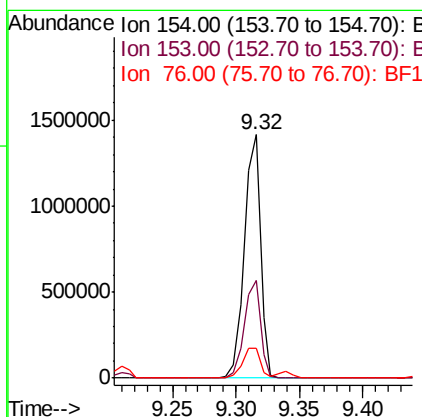
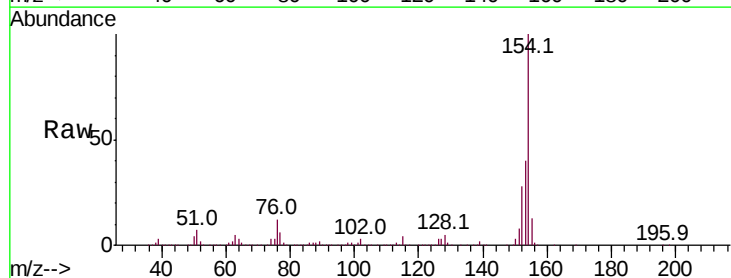
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.2	20.5	30.7

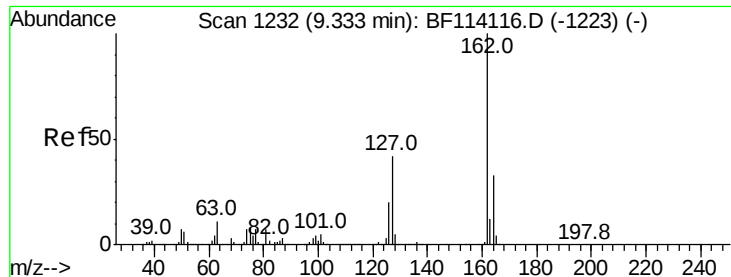


#46
 1,1'-Biphenyl
 Concen: 33.954 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion:154 Resp: 1242965

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.9	61.9
76	12.3	0.0	32.8

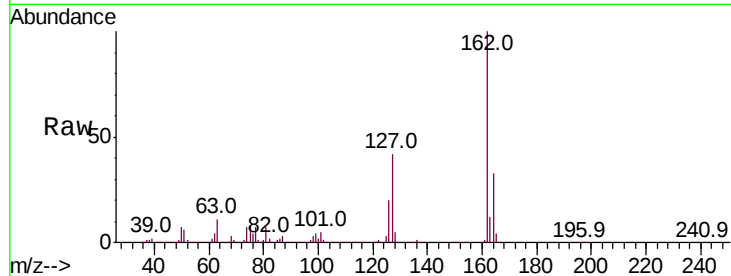




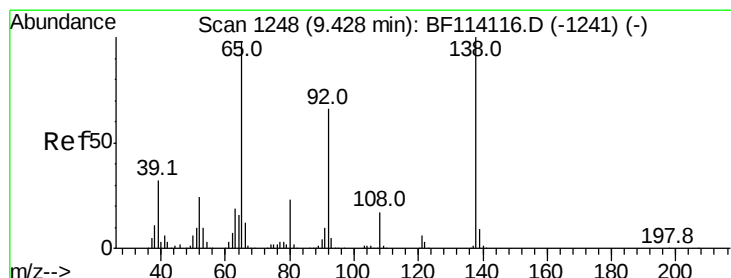
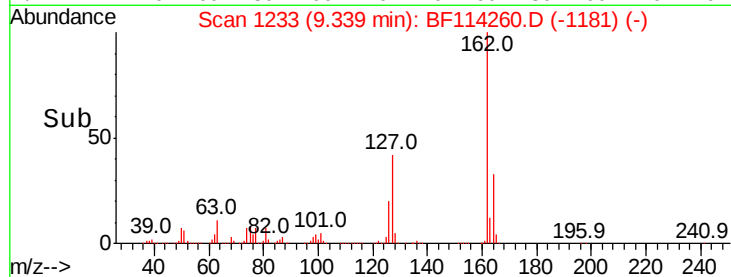
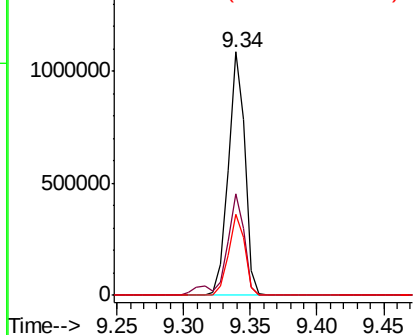
#47
 2-Chloronaphthalene
 Concen: 32.417 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.2	26.7	40.1

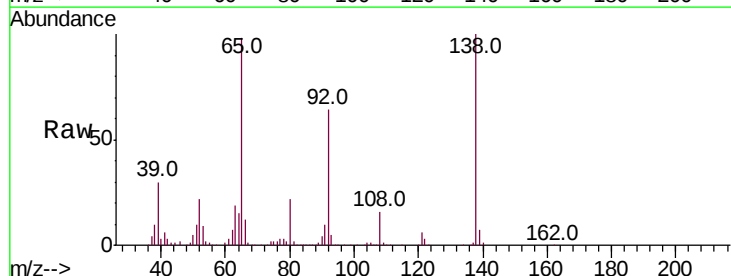


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

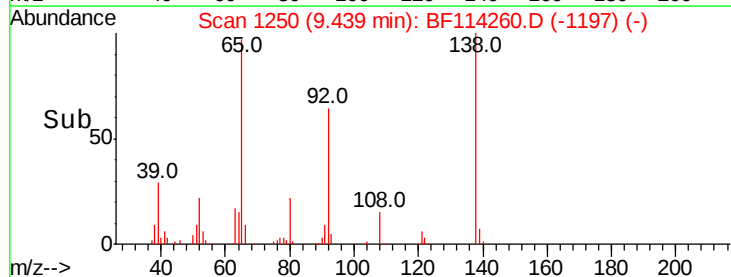
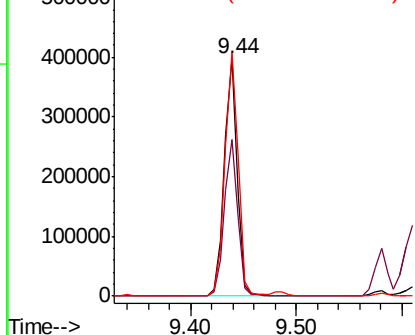


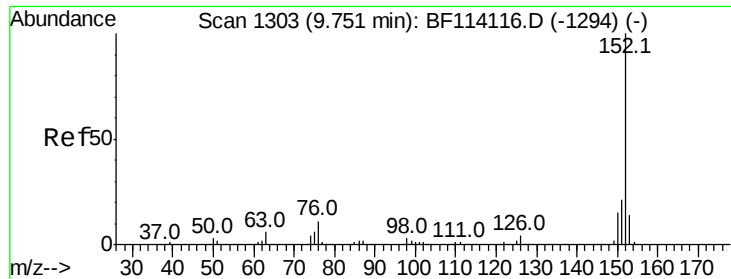
#48
 2-Nitroaniline
 Concen: 32.991 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	102.6	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: 34.924 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

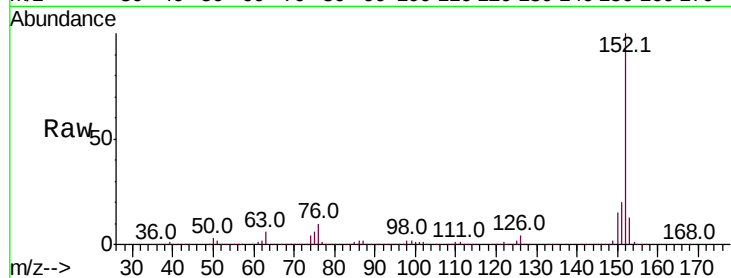
BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion:152 Resp: 1564873

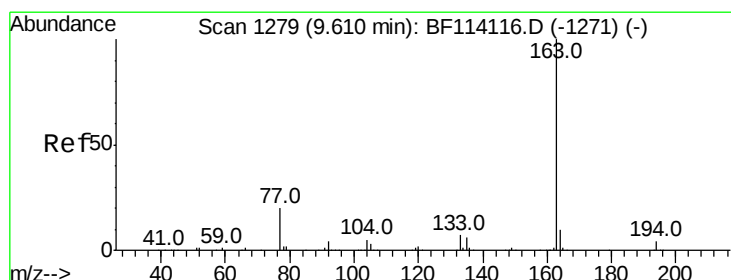
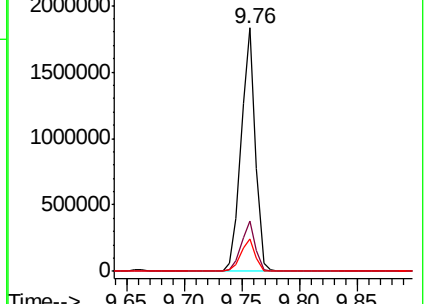
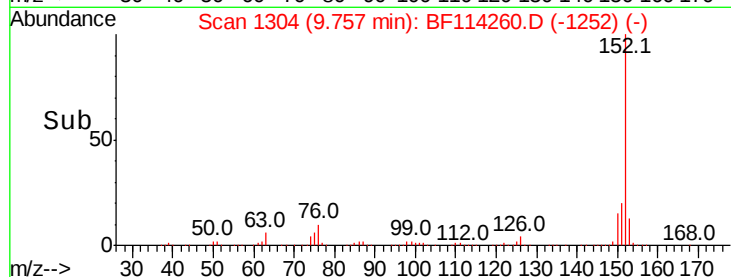
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.4	11.4	17.2



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: 38.922 ng

RT: 9.61 min Scan# 1279

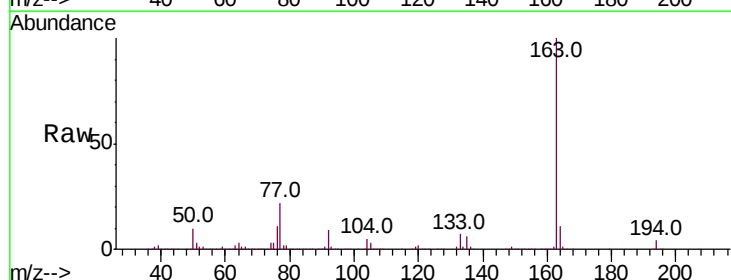
Delta R.T. -0.00 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Tgt Ion:163 Resp: 1294712

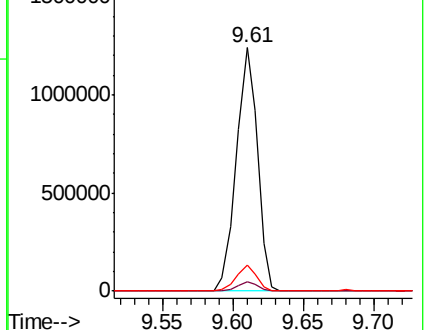
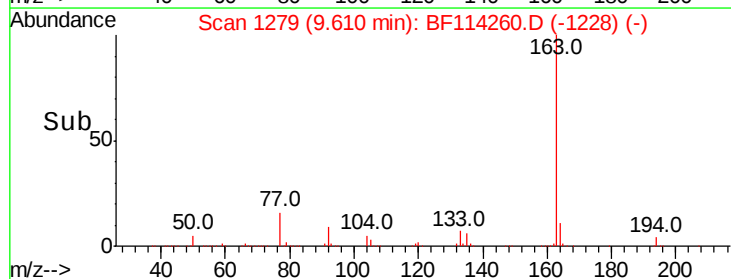
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.5	8.2	12.2

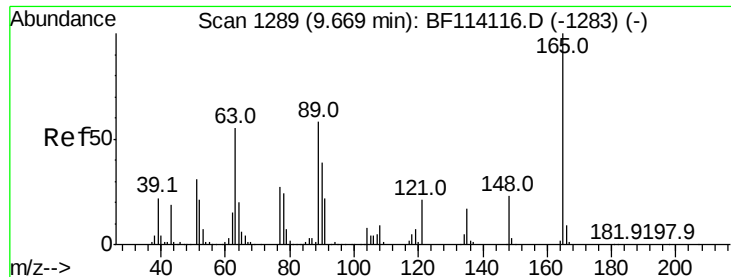


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.318 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

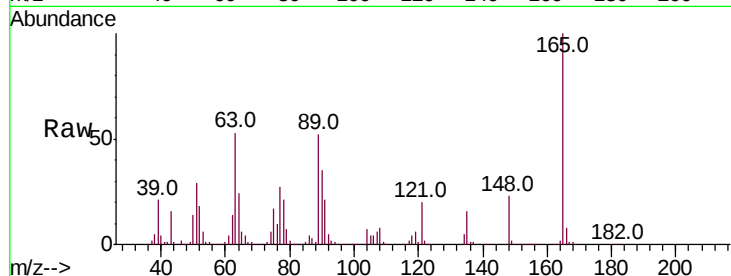
Tot Ion:165 Resp: 253196

Ion Ratio Lower Upper

165 100

63 53.3 50.2 75.4

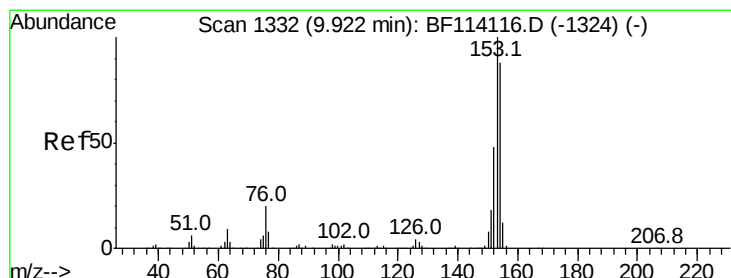
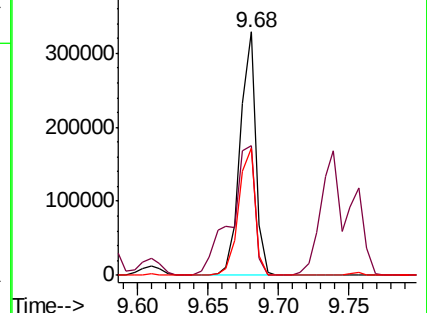
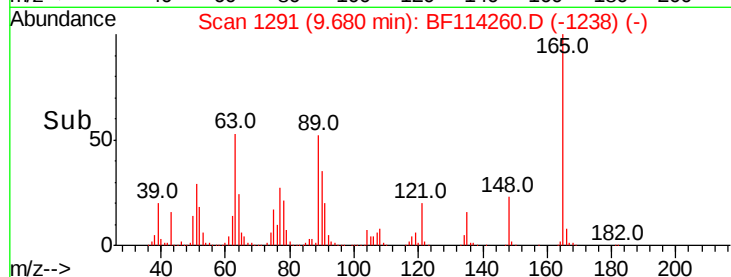
89 52.3 46.6 69.8



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: 31.809 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

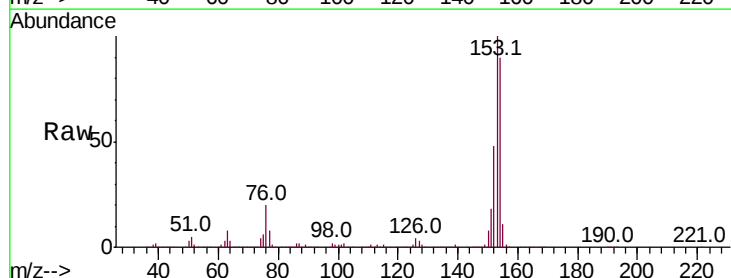
Tgt Ion:154 Resp: 874617

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

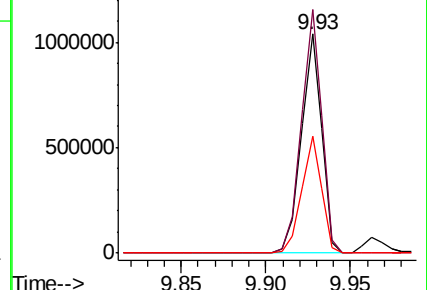
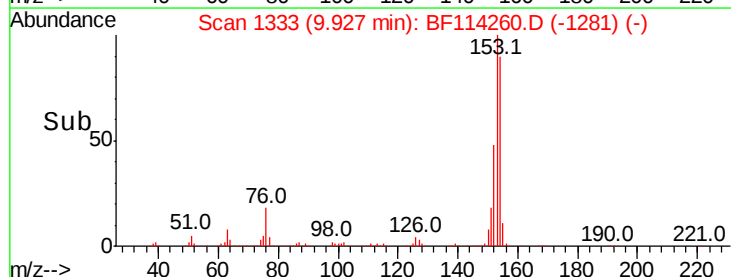
152 53.4 43.4 65.2

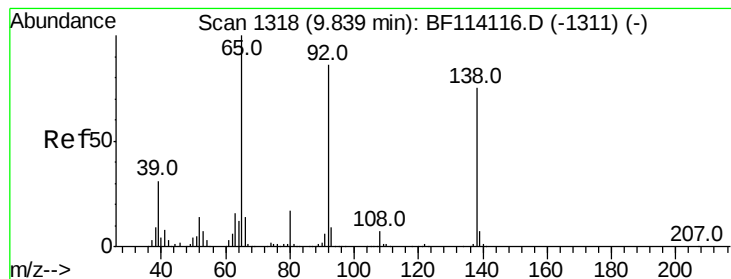


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.429 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

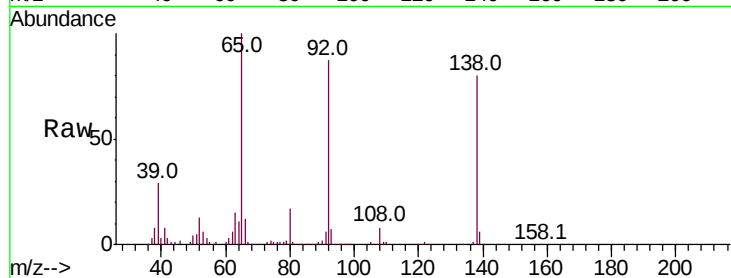
Tot Ion:138 Resp: 168780

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

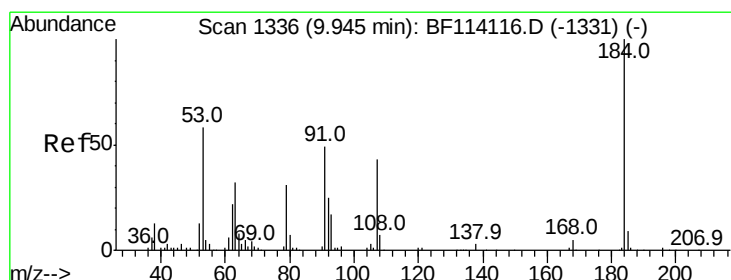
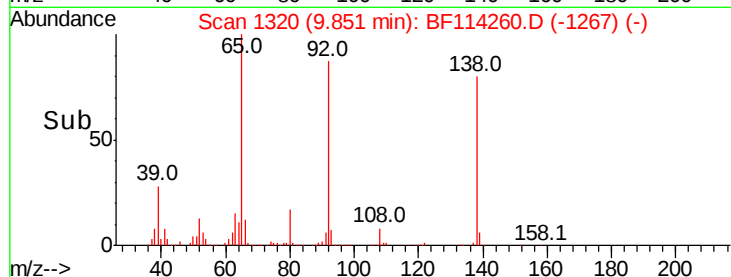
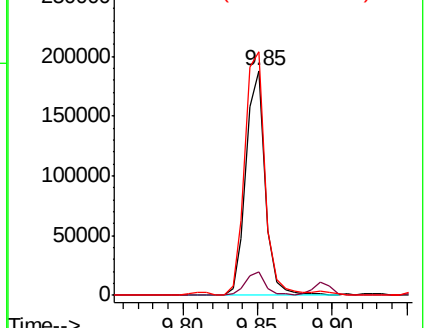
92 108.4 91.2 136.8



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: 38.352 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

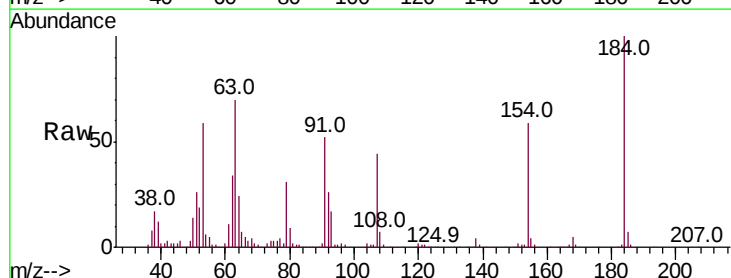
Tgt Ion:184 Resp: 128053

Ion Ratio Lower Upper

184 100

63 70.1 55.6 83.4

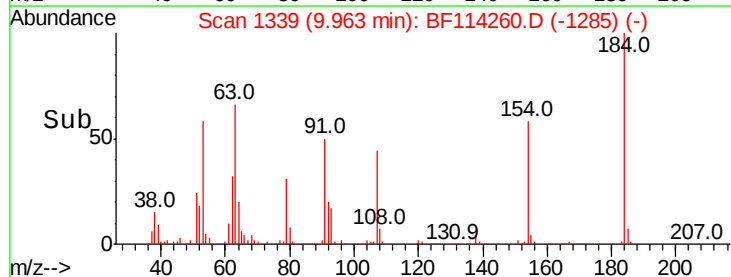
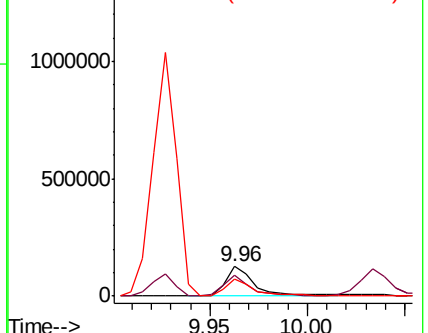
154 58.8 46.0 69.0

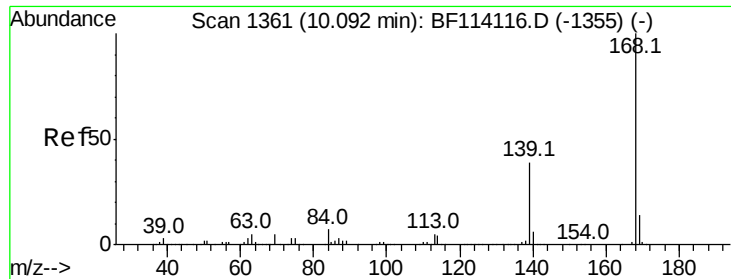


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

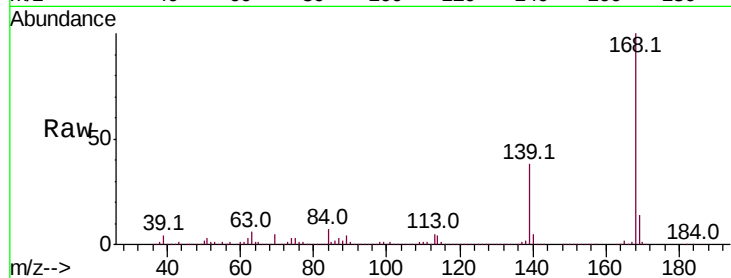




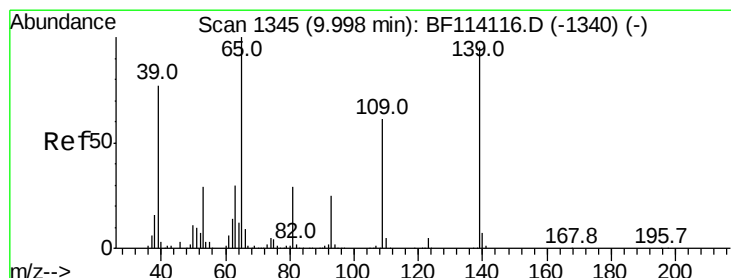
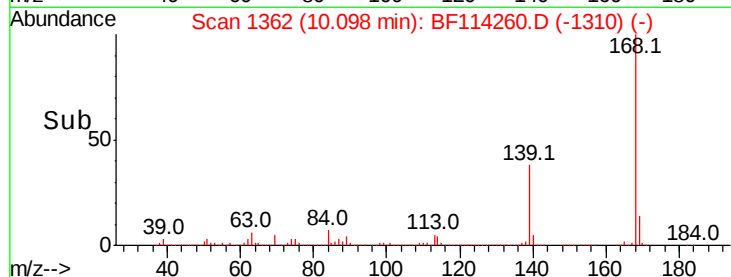
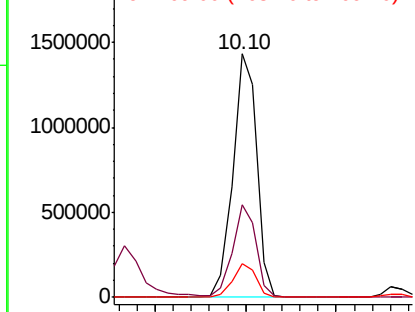
#55
Dibenzofuran
Concen: 32.428 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:168 Resp: 1307474
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.9 11.4 17.0

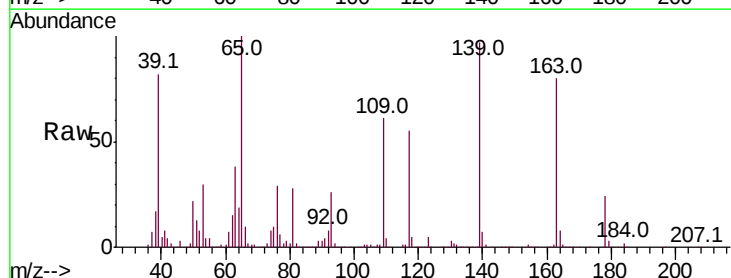


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

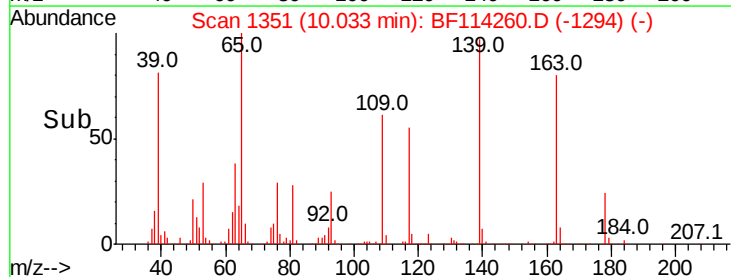
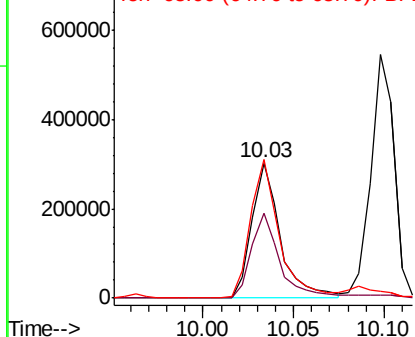


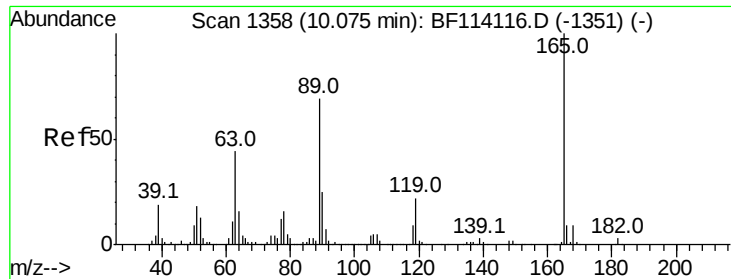
#56
4-Nitrophenol
Concen: 51.516 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:139 Resp: 333659
Ion Ratio Lower Upper
139 100
109 62.9 43.9 83.9
65 103.2 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

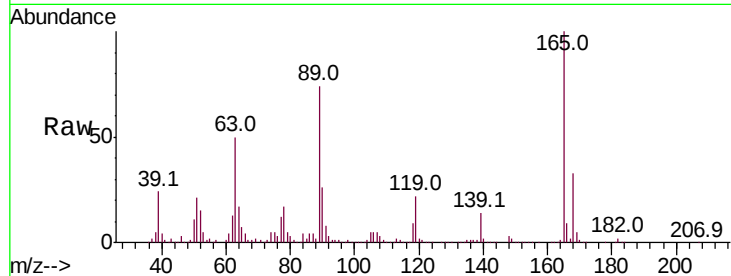




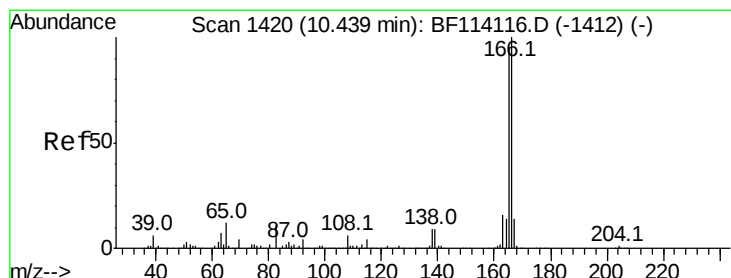
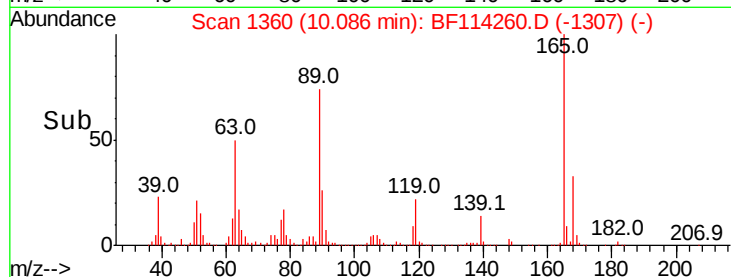
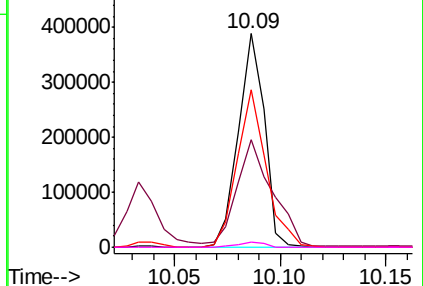
#57
2,4-Dinitrotoluene
Concen: 32.968 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

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

Tot Ion:165 Resp: 330140
Ion Ratio Lower Upper
165 100
63 50.2 35.5 53.3
89 73.8 55.2 82.8
182 2.5 2.2 3.2

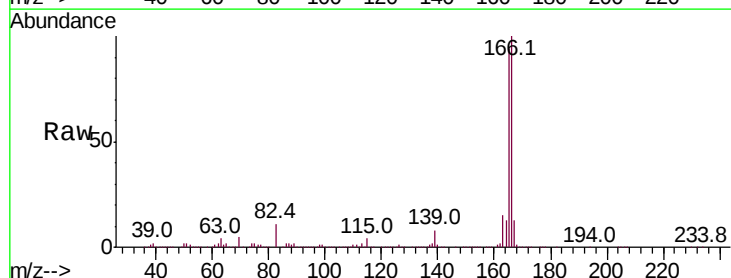


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

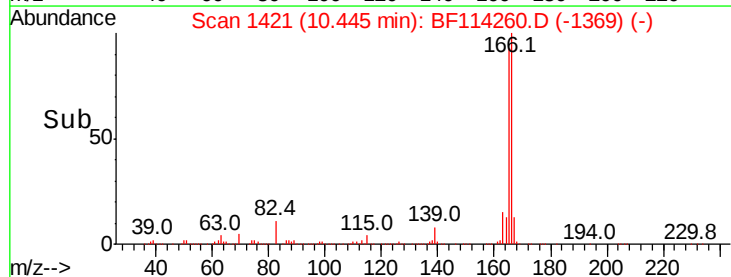
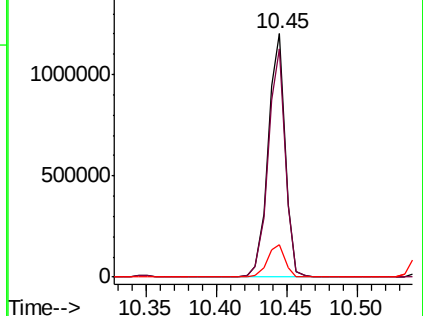


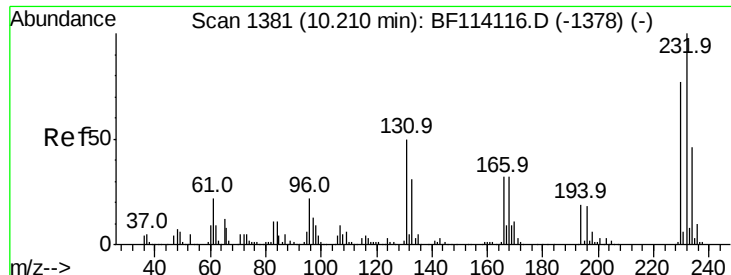
#58
Fluorene
Concen: 33.048 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:166 Resp: 1029221
Ion Ratio Lower Upper
166 100
165 93.5 76.1 114.1
167 13.4 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

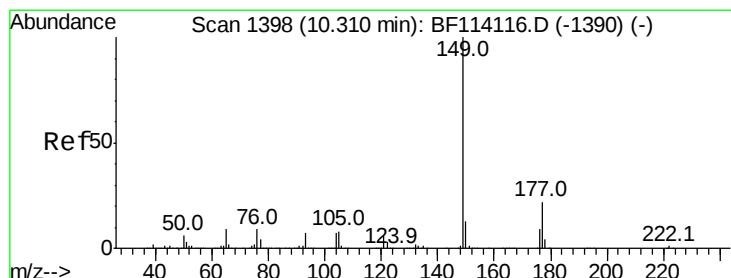
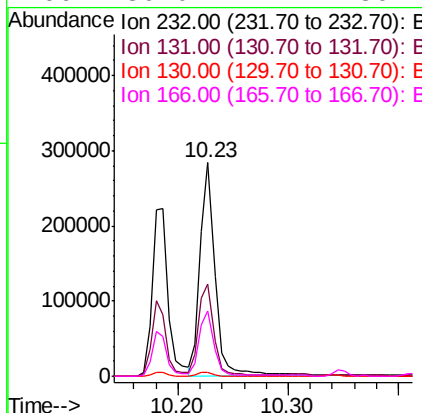
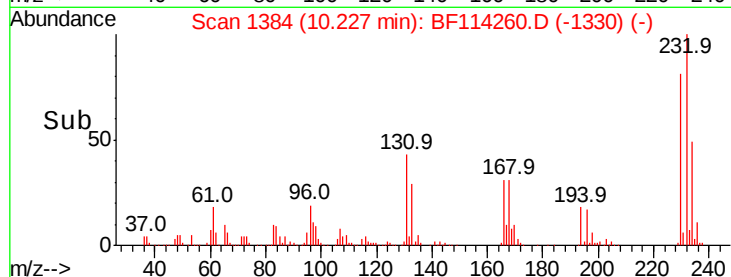
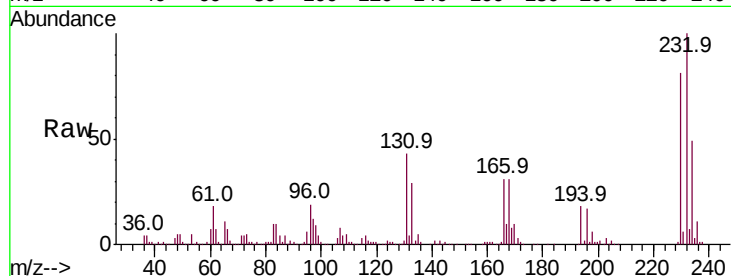




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.949 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

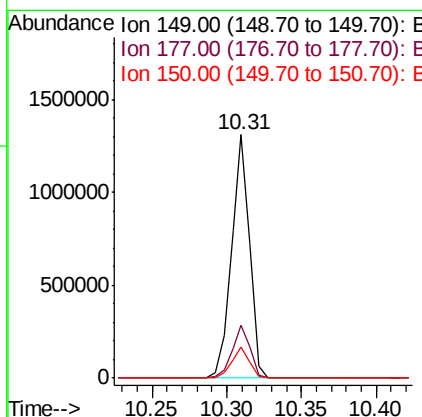
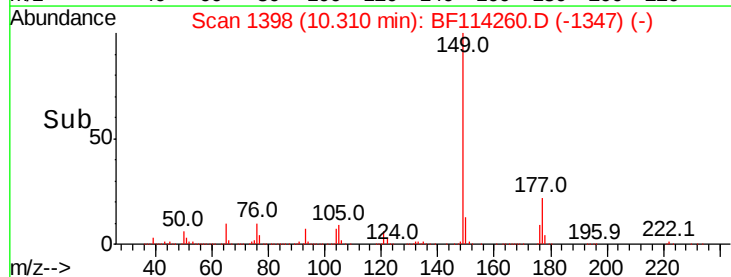
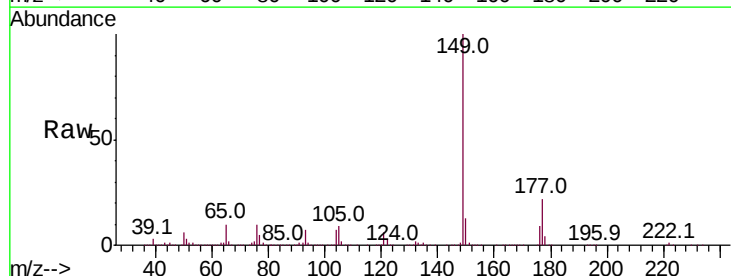
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MSD

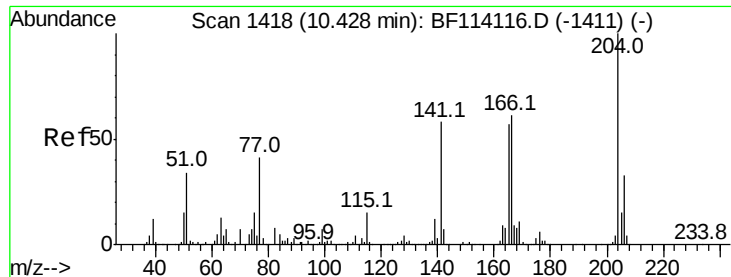
Tot Ion:232 Resp: 258560
 Ion Ratio Lower Upper
 232 100
 131 44.1 35.6 53.4
 130 2.3 1.6 2.4
 166 30.0 24.1 36.1



#60
 Diethylphthalate
 Concen: 33.066 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion:149 Resp: 1117566
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.8 26.6
 150 12.7 10.2 15.2

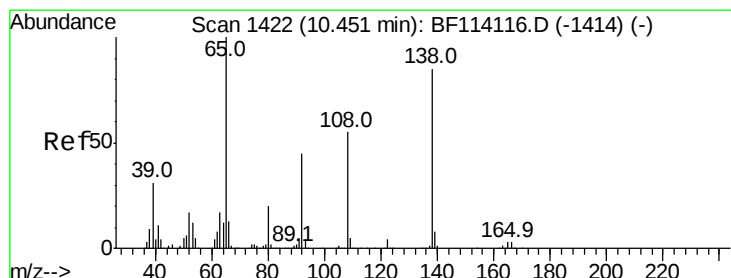
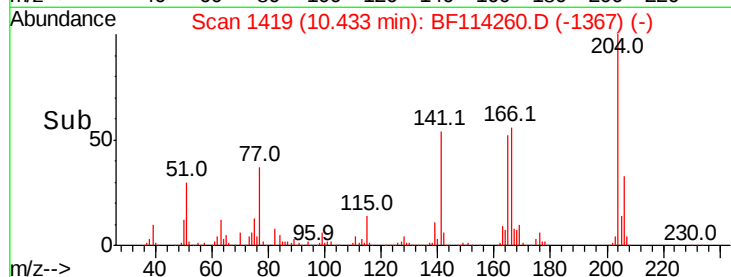
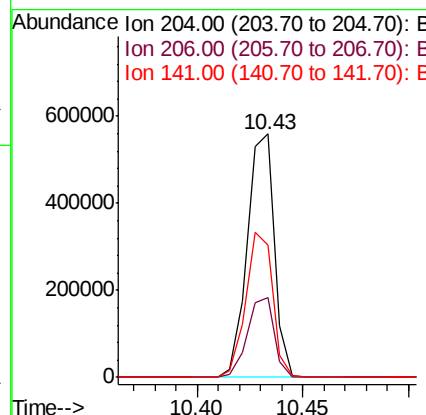
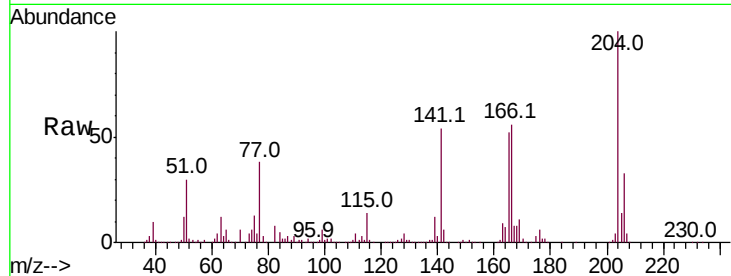




#61
 4-Chlorophenyl-phenylether
 Concen: 32.512 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

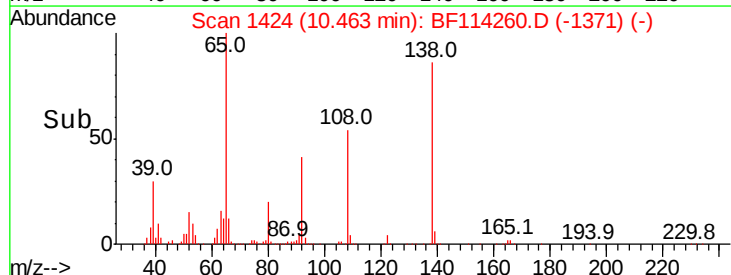
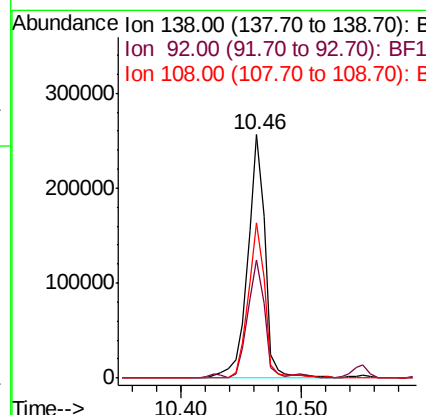
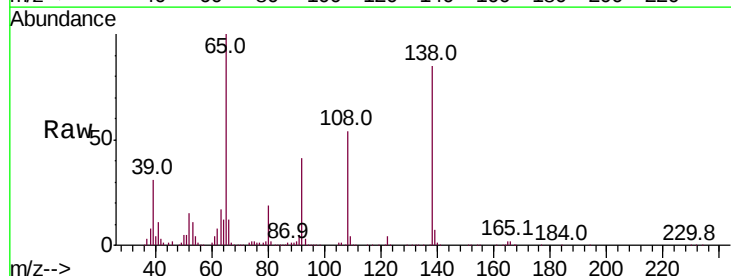
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-1218-01MSD

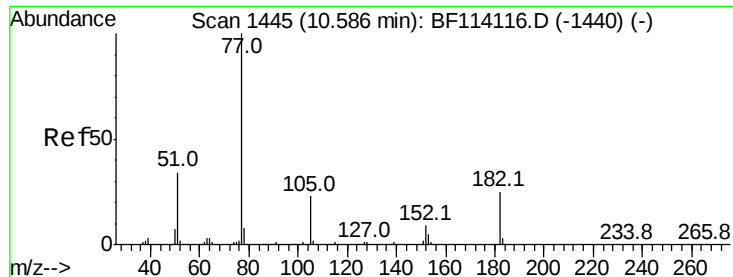
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	54.4	46.4	69.6



#62
 4-Nitroaniline
 Concen: 26.809 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	33.0	73.0
108	63.5	44.9	84.9





#63

Azobenzene

Concen: 32.690 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

Tot Ion: 77 Resp: 1069460

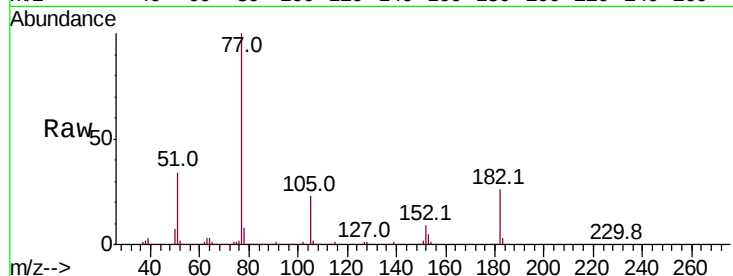
Ion Ratio Lower Upper

77 100

182 25.7 4.7 44.7

105 23.5 2.9 42.9

51 34.2 14.6 54.6

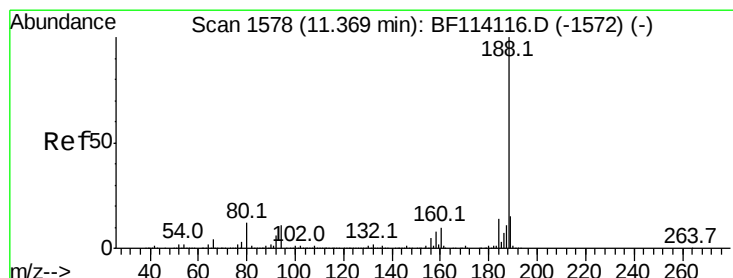
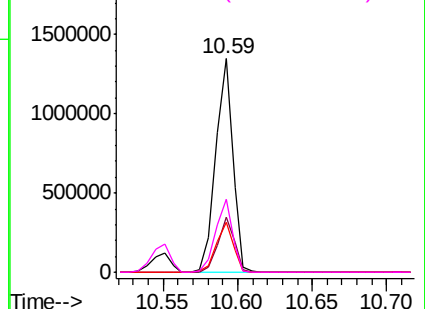
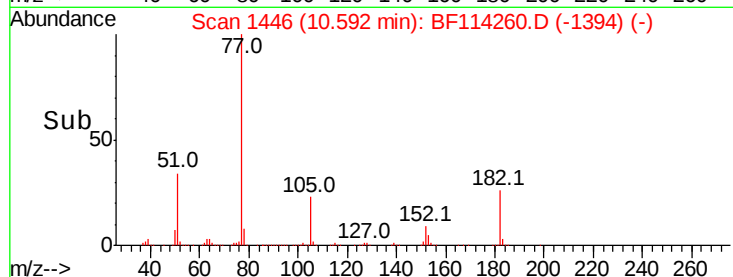


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

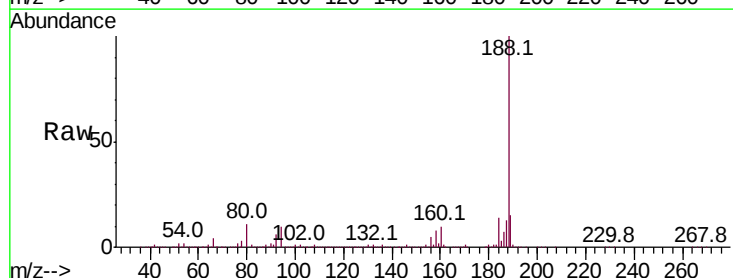
Tgt Ion: 188 Resp: 861221

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

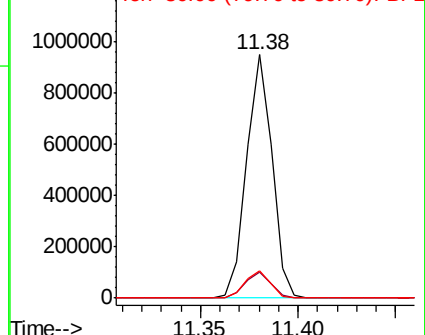
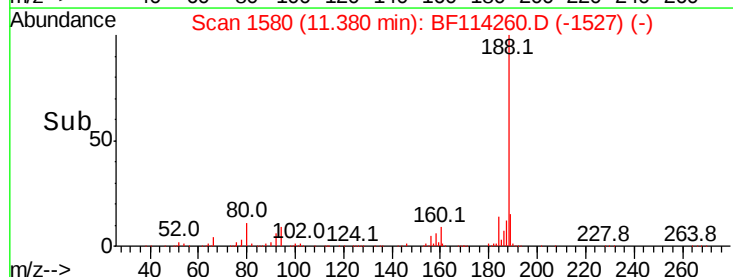
80 11.2 9.2 13.8

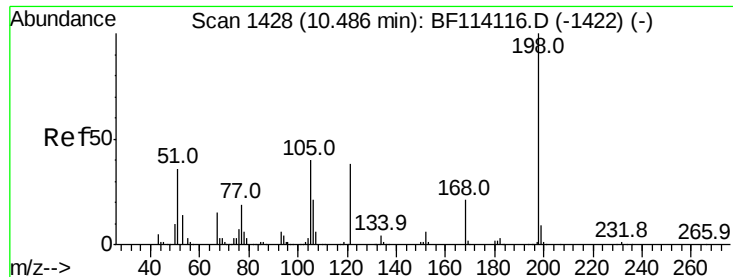


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.772 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

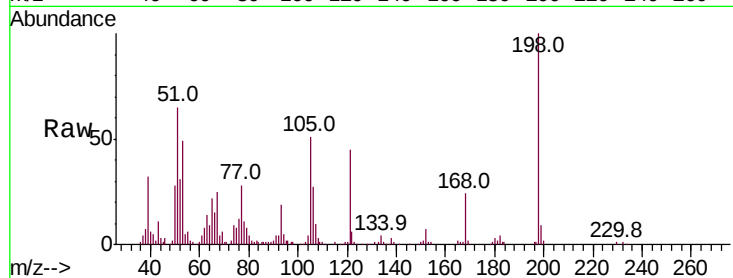
Tot Ion:198 Resp: 98376

Ion Ratio Lower Upper

198 100

51 65.2 28.0 68.0

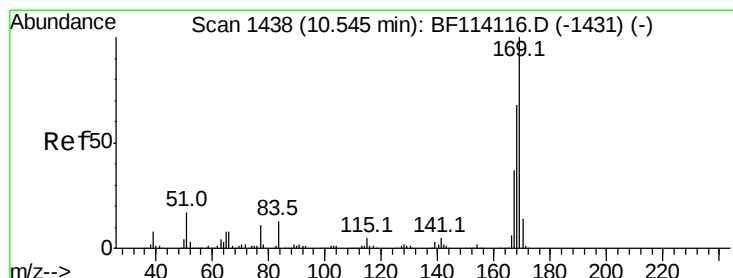
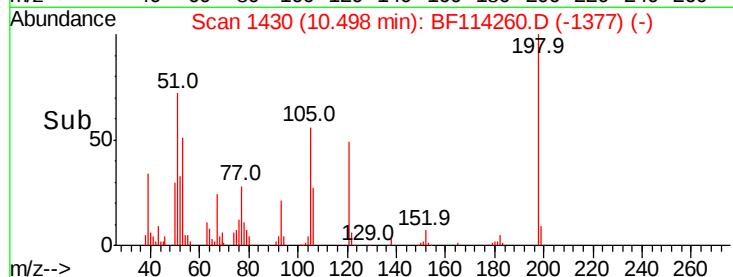
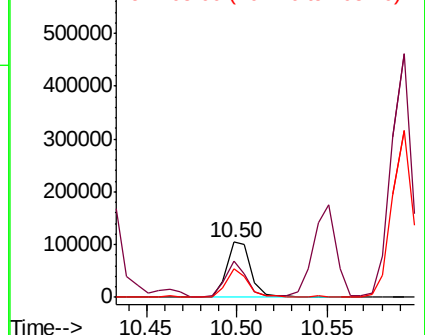
105 50.8 21.1 61.1



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: 35.487 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

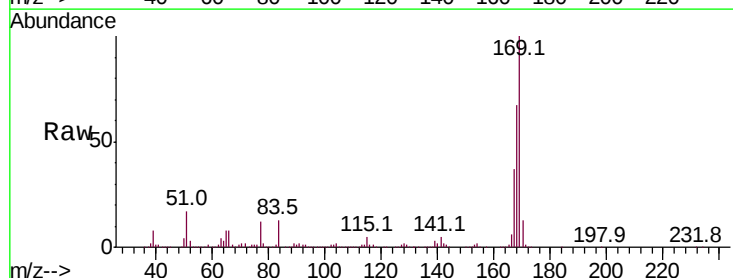
Tgt Ion:169 Resp: 927573

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

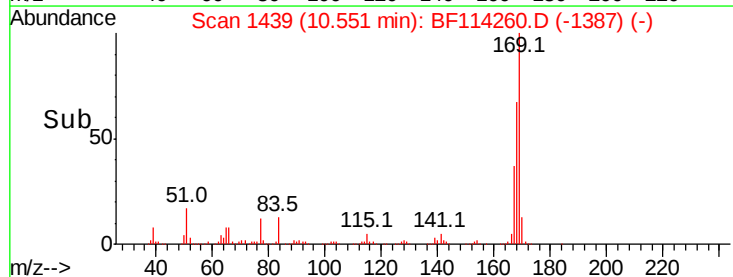
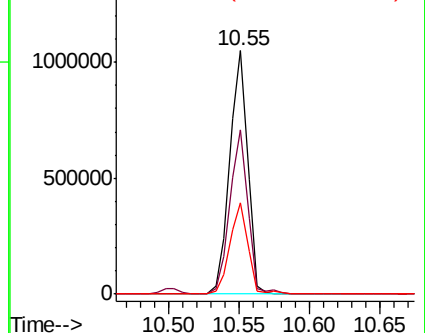
167 37.3 29.8 44.8

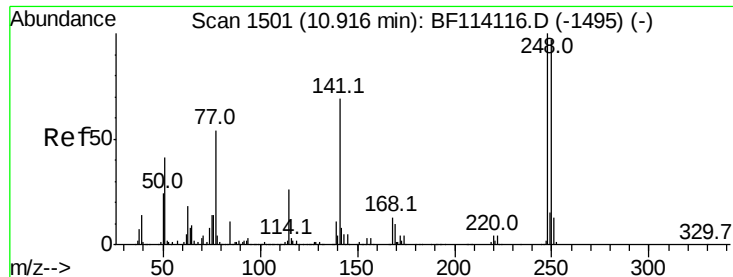


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

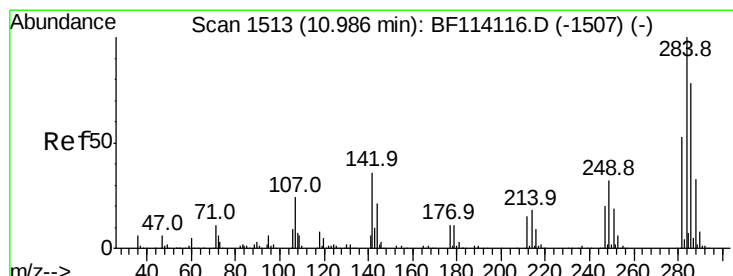
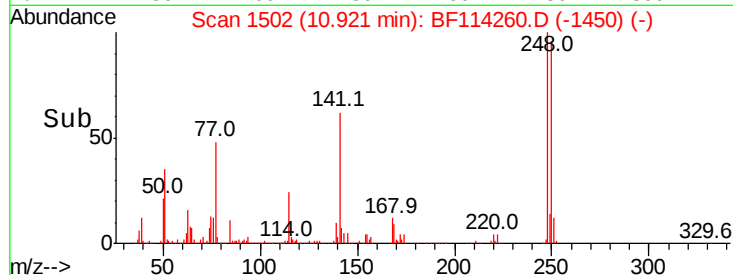
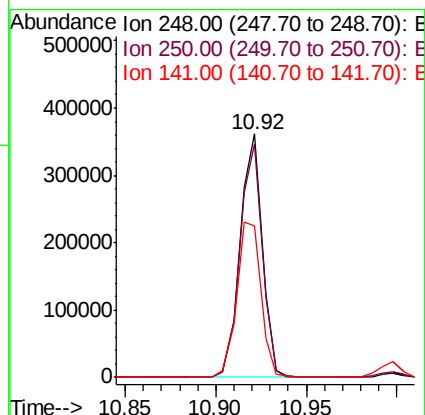
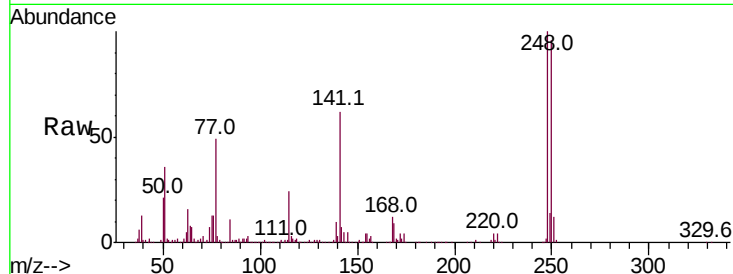




#67
4-Bromophenyl-phenylether
Concen: 32.465 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

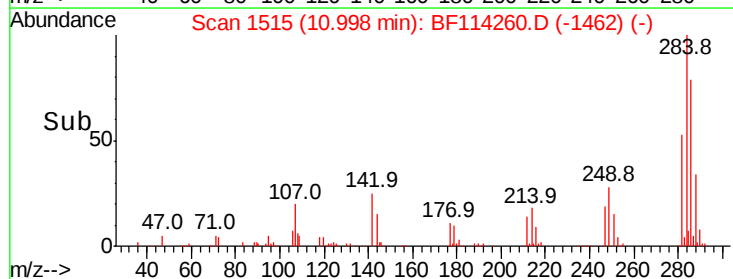
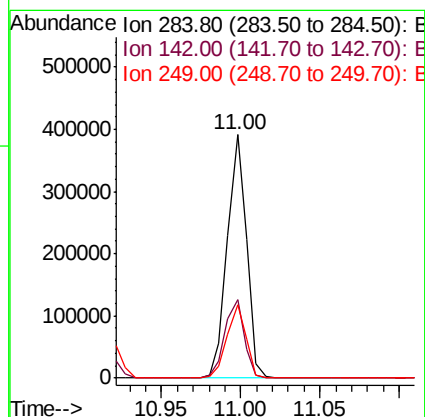
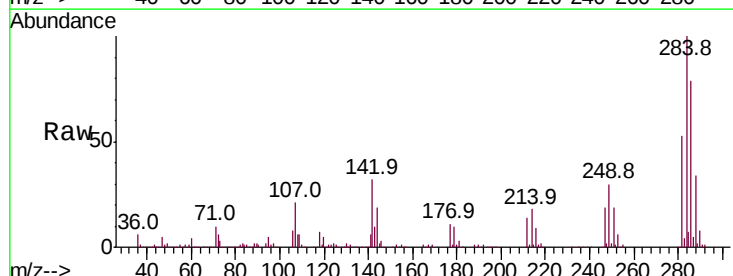
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

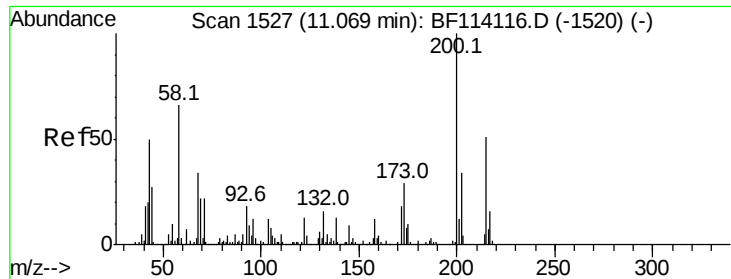
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	62.1	55.6	83.4



#68
Hexachlorobenzene
Concen: 31.372 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	28.4	42.6
249	30.3	25.2	37.8

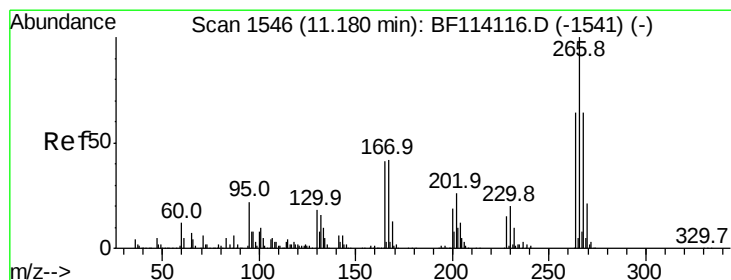
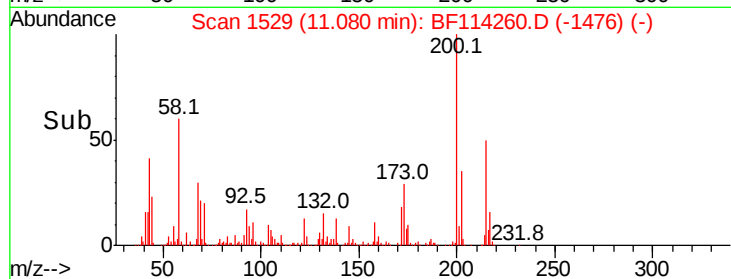
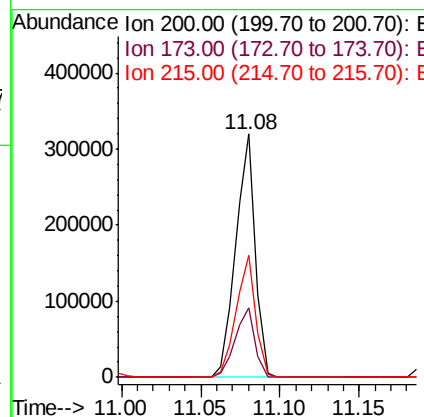
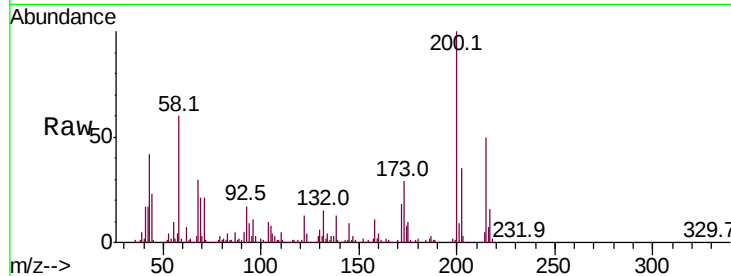




#69
Atrazine
Concen: 33.640 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

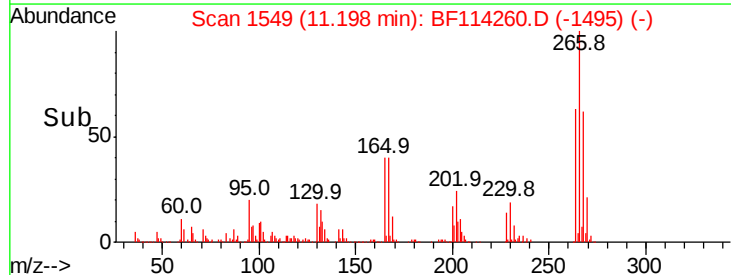
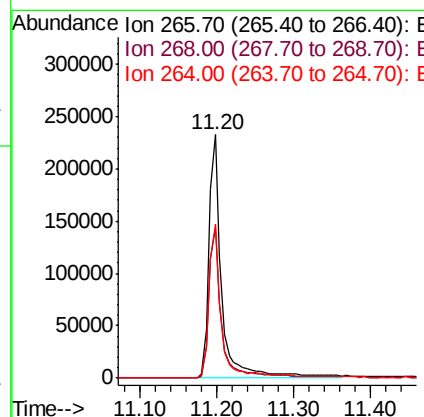
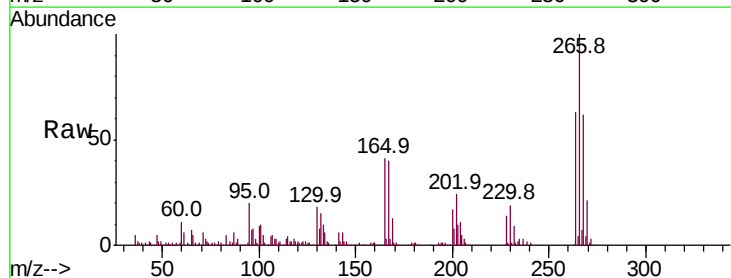
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

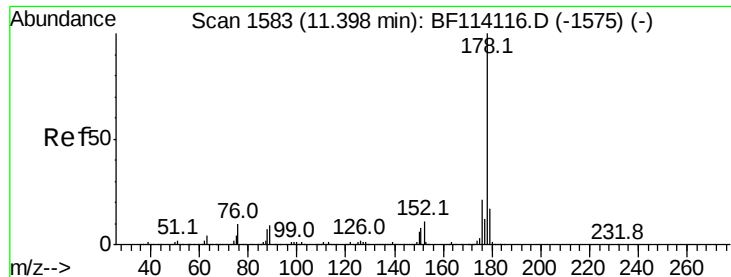
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.9	48.9
215	50.2	30.7	70.7



#70
Pentachlorophenol
Concen: 54.938 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.02 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	63.3	51.1	76.7

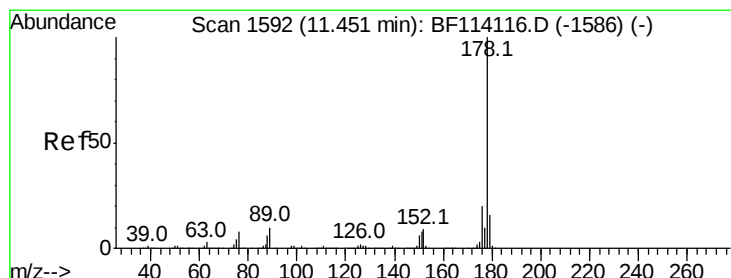
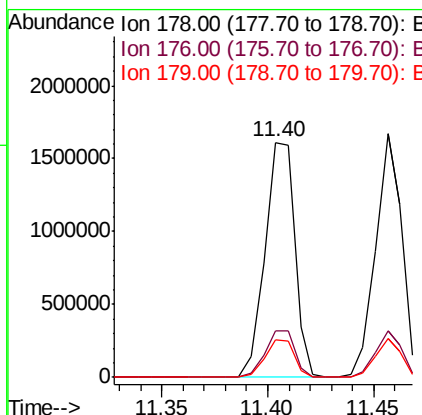
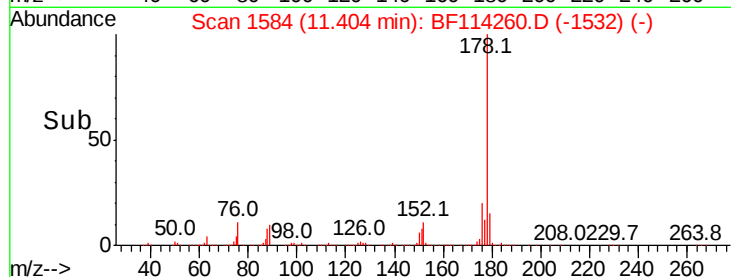
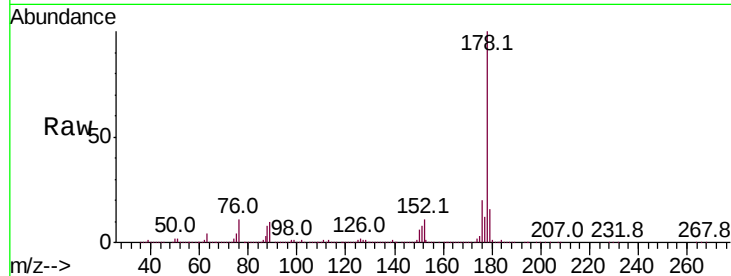




#71
Phenanthrene
Concen: 38.023 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

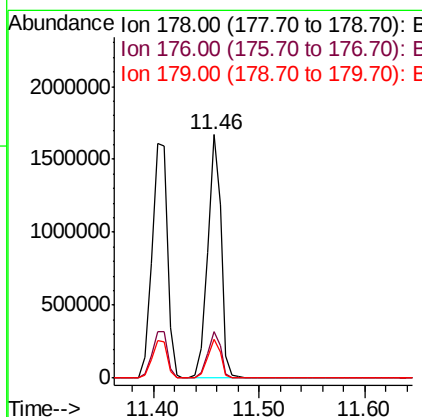
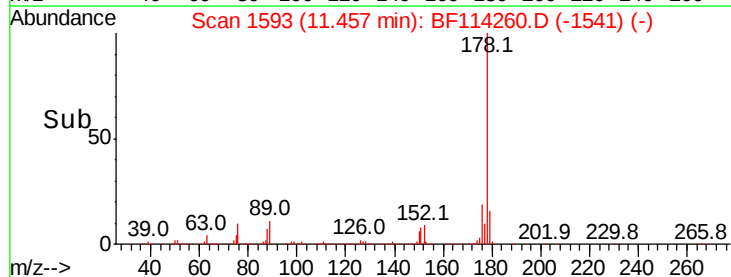
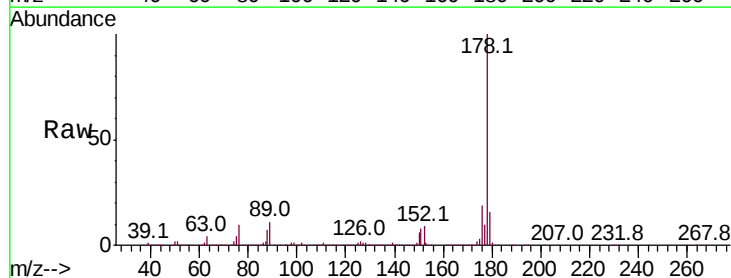
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

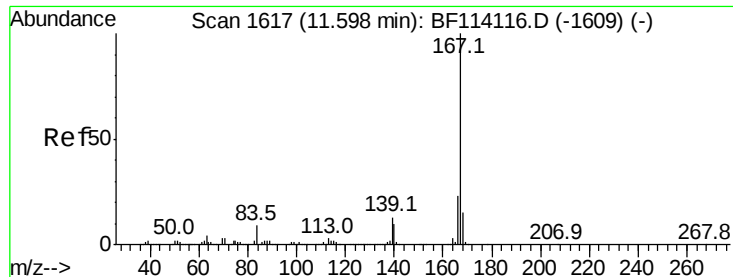
Tot Ion:178 Resp: 1593159
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 16.1 13.2 19.8



#72
Anthracene
Concen: 34.753 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:178 Resp: 1462560
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 16.2 13.0 19.4

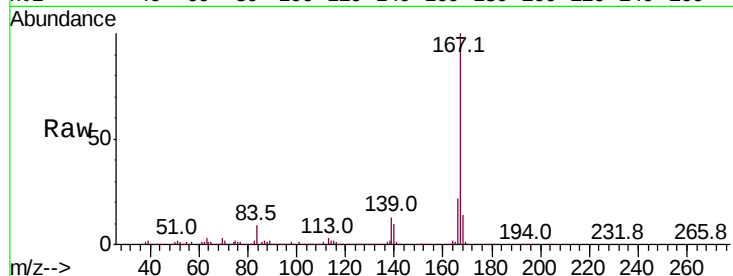




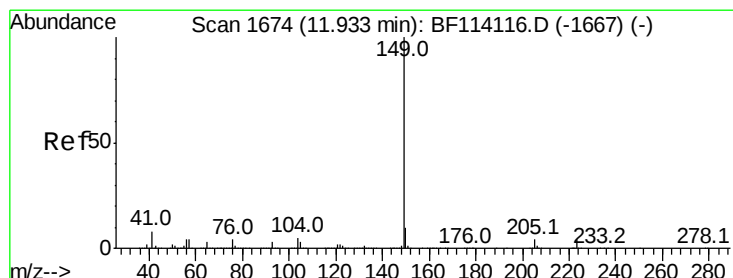
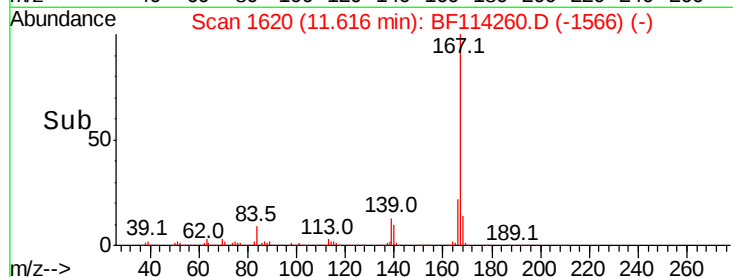
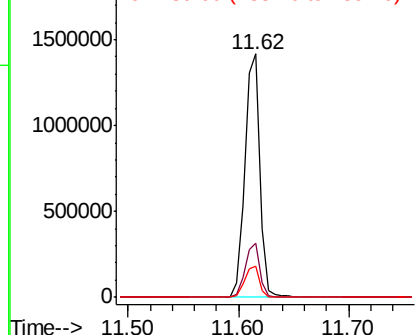
#73
 Carbazole
 Concen: 33.696 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.02 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

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

Tot Ion:167 Resp: 1352245
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.8 10.6 16.0

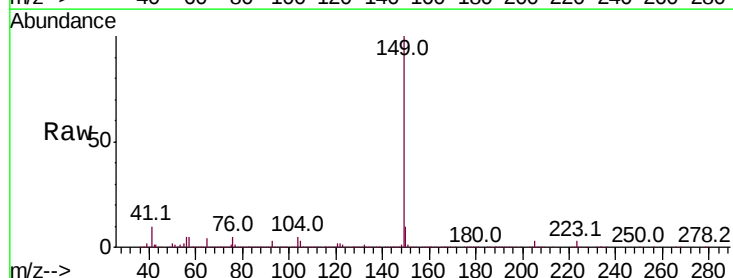


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

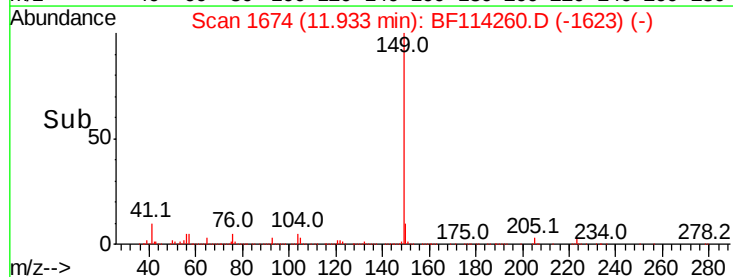
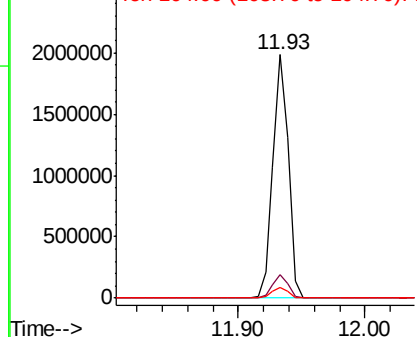


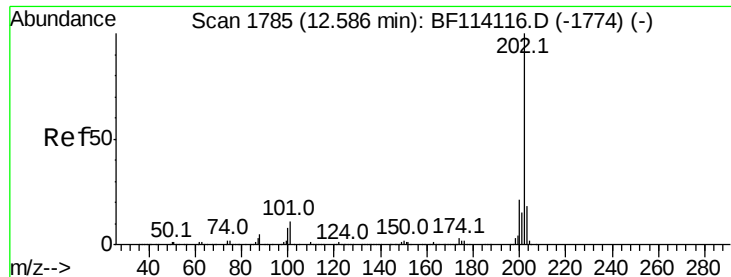
#74
 Di-n-butylphthalate
 Concen: 36.283 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114260.D
 Acq: 14 May 2019 18:25

Tgt Ion:149 Resp: 1677520
 Ion Ratio Lower Upper
 149 100
 150 9.8 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: 39.134 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

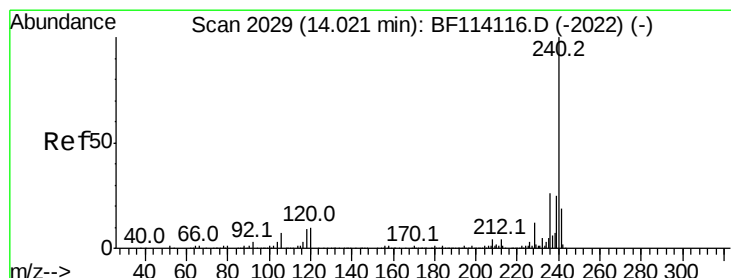
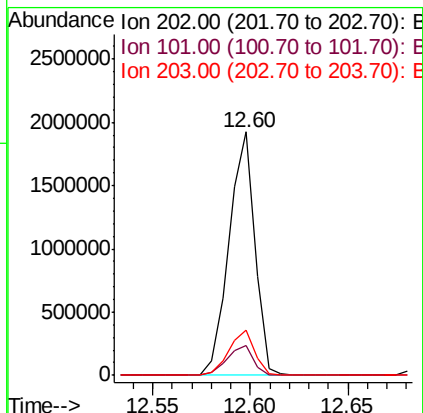
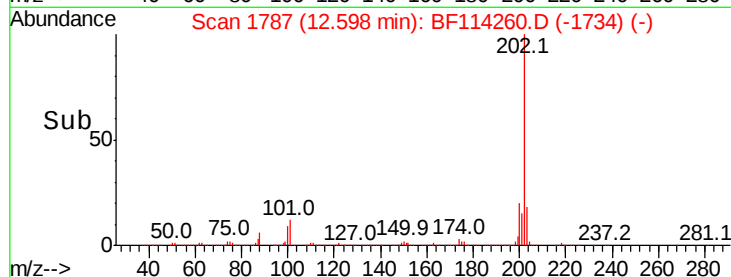
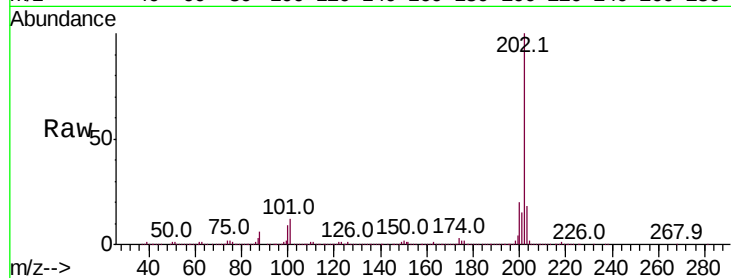
Tot Ion:202 Resp: 1765726

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.0
203	18.3	0.0	38.4

202 100

101 12.2 0.0 31.0

203 18.3 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: BF114260.D

Acq: 14 May 2019 18:25

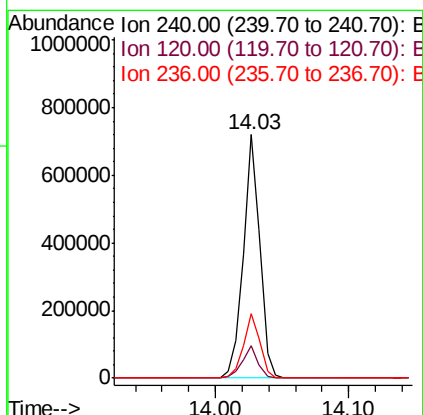
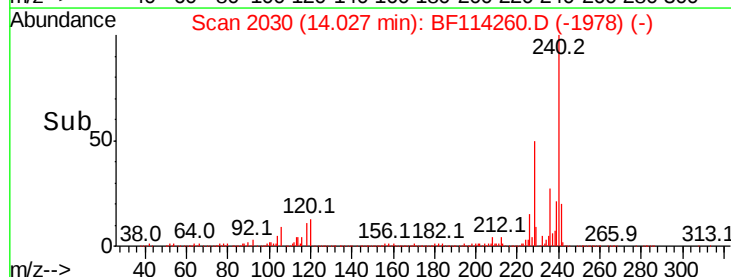
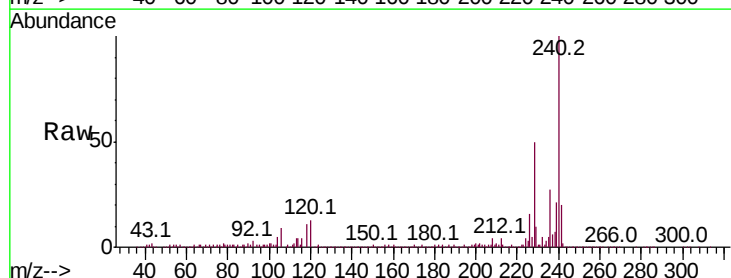
Tgt Ion:240 Resp: 614848

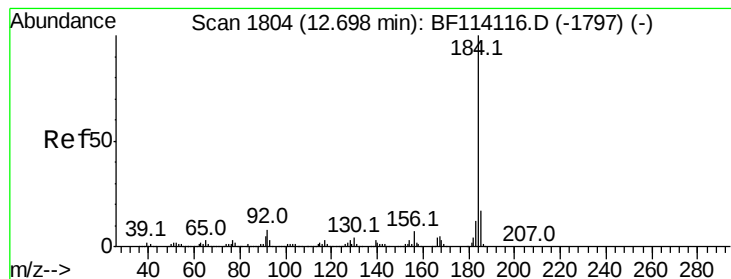
Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	26.7	20.8	31.2

240 100

120 13.3 8.3 12.5#

236 26.7 20.8 31.2





#77

Benzidine

Concen: 3.382 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

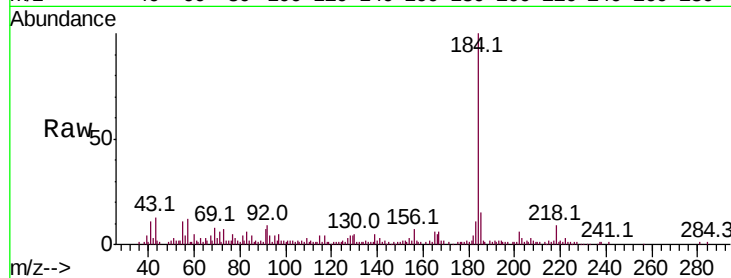
Tot Ion:184 Resp: 93331

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

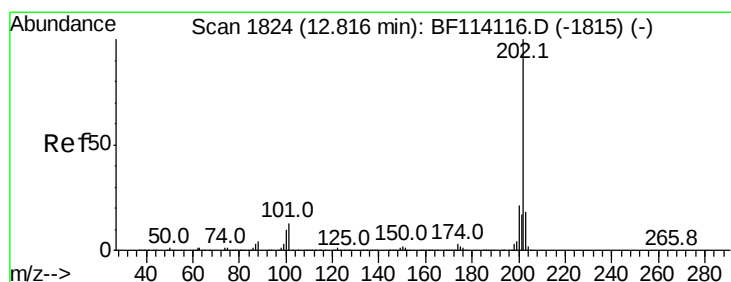
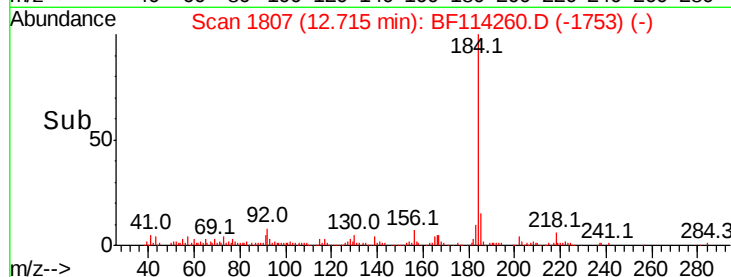
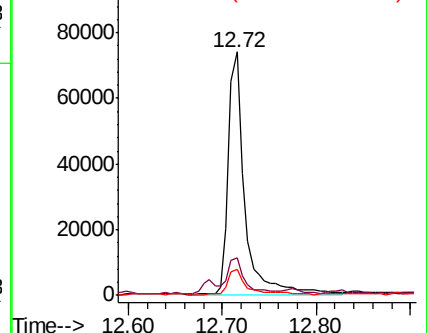
183 10.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.563 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

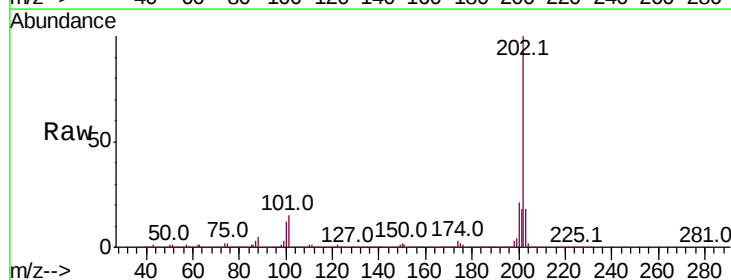
Tgt Ion:202 Resp: 2055748

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

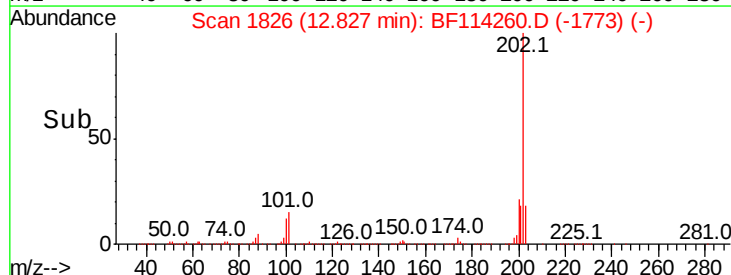
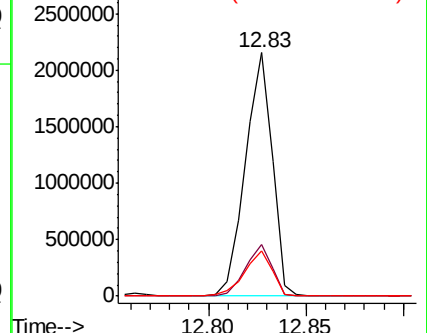
203 18.5 14.5 21.7

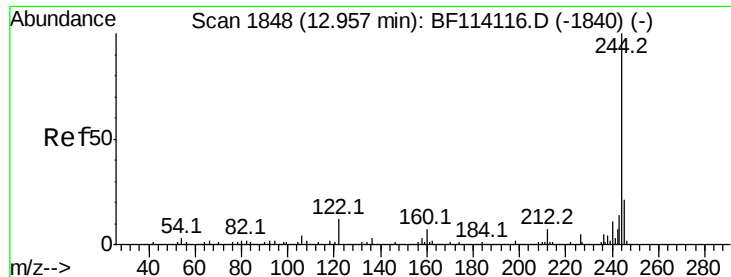


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.166 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

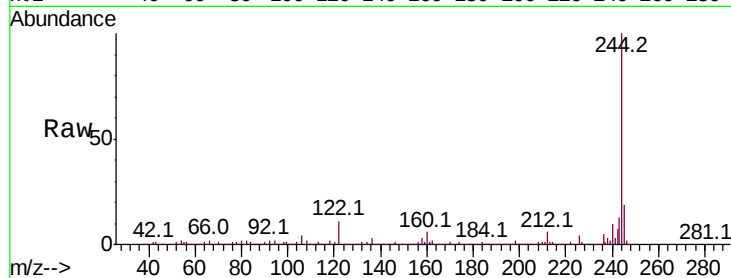
Tot Ion:244 Resp: 1496267

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.6

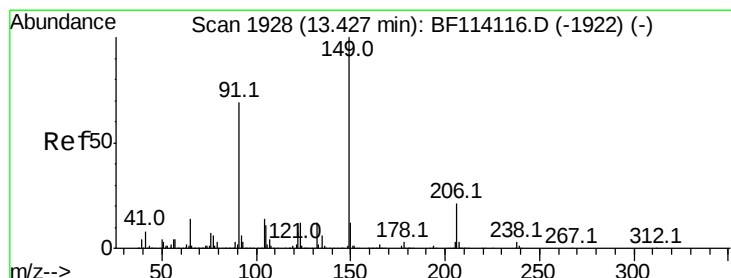
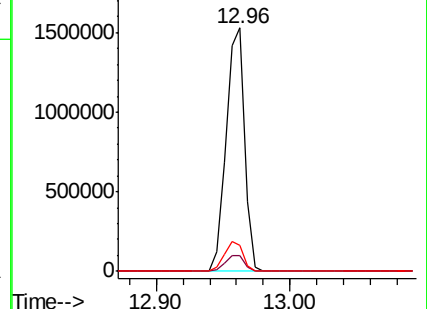
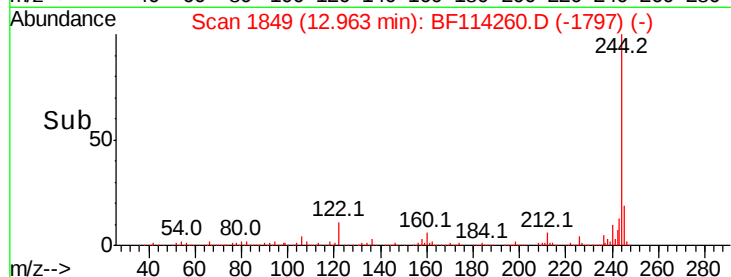
122 10.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.886 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

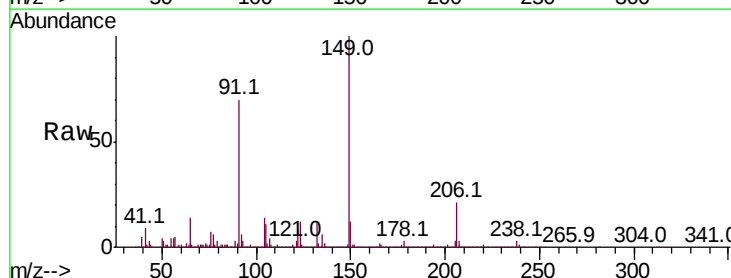
Tgt Ion:149 Resp: 705458

Ion Ratio Lower Upper

149 100

91 69.8 55.0 82.4

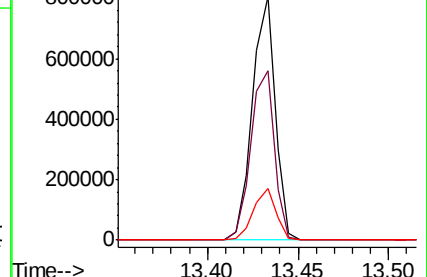
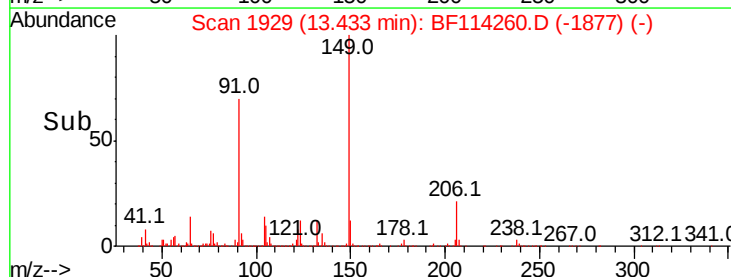
206 21.1 16.9 25.3

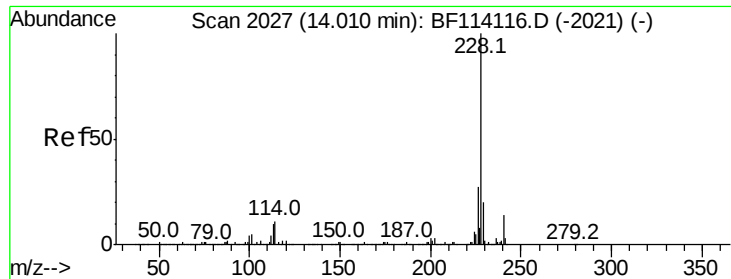


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

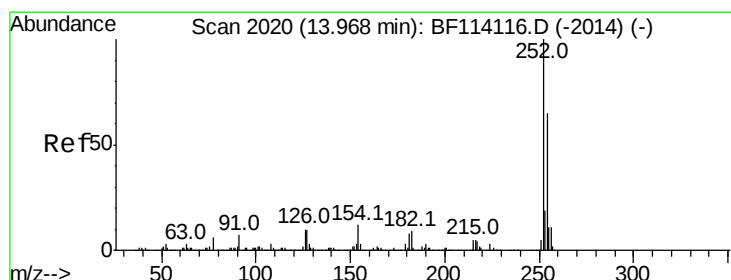
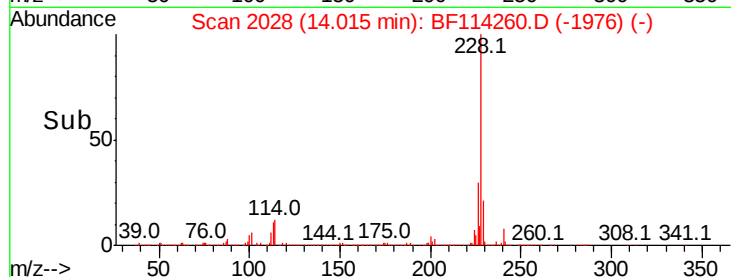
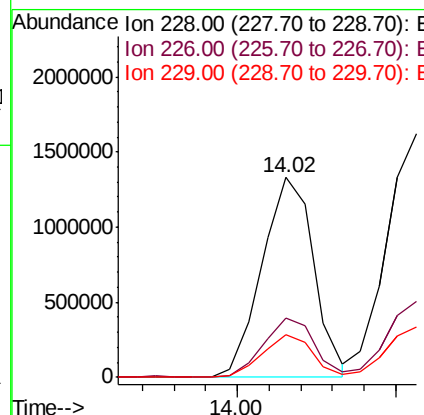
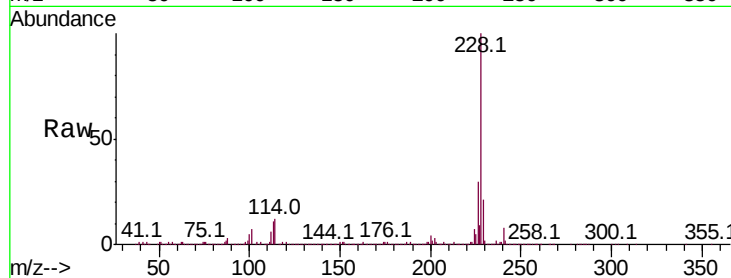




#81
Benzo(a)anthracene
Concen: 37.954 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

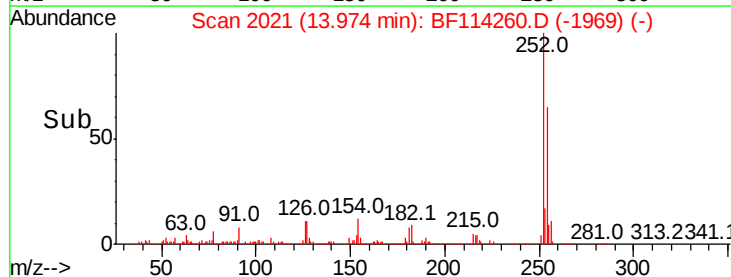
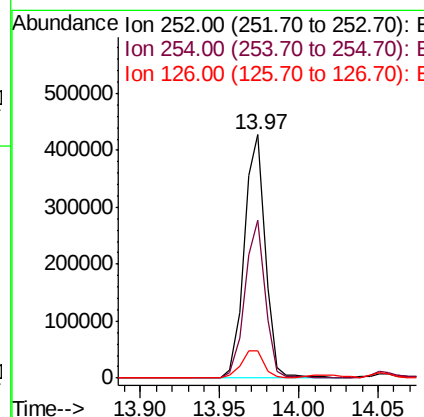
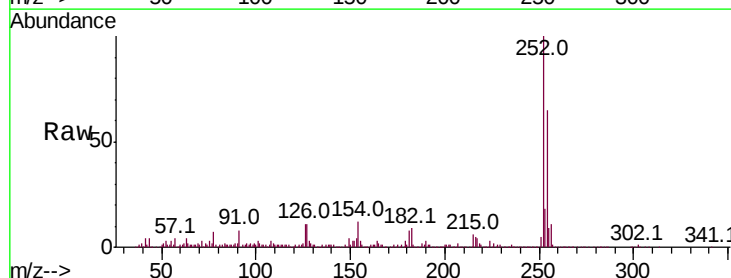
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

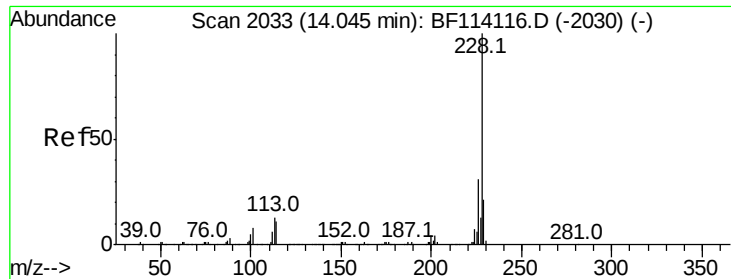
Tot Ion:228 Resp: 1509355
Ion Ratio Lower Upper
228 100
226 29.9 22.2 33.2
229 21.4 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 25.292 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:252 Resp: 390176
Ion Ratio Lower Upper
252 100
254 65.0 51.9 77.9
126 11.1 7.9 11.9

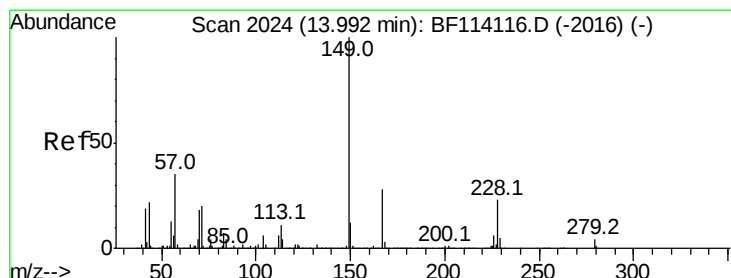
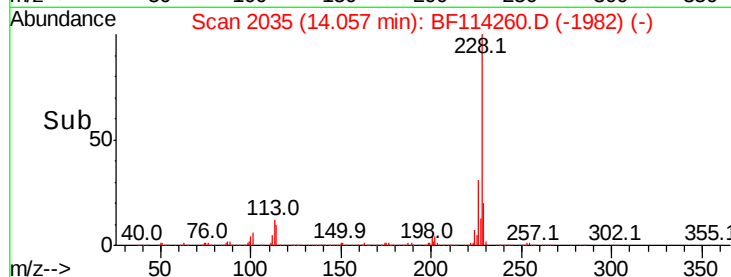
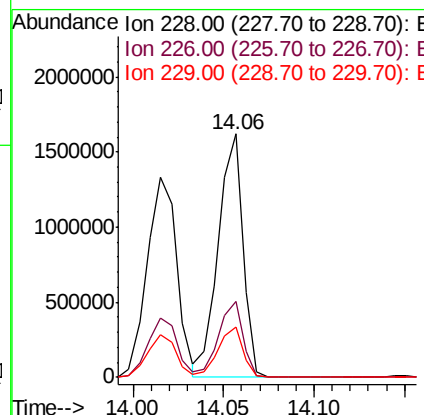
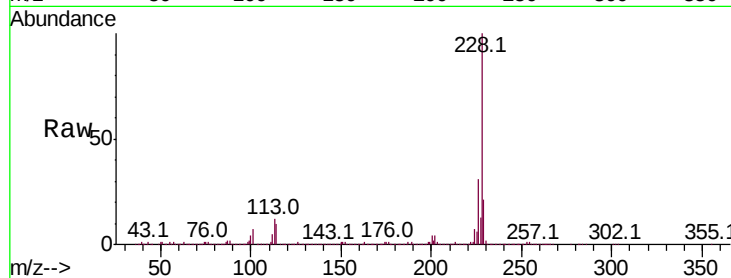




#83
Chrysene
Concen: 39.298 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

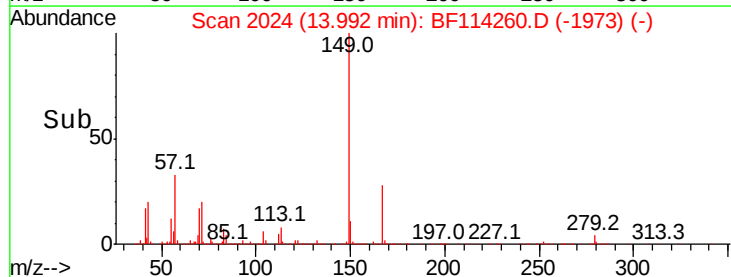
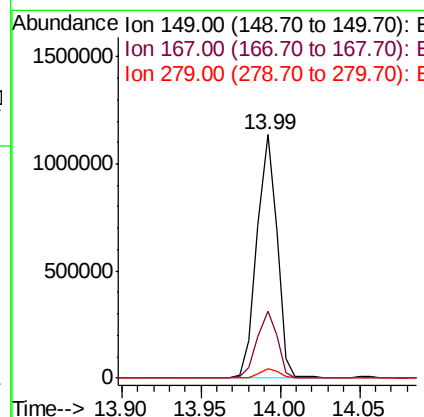
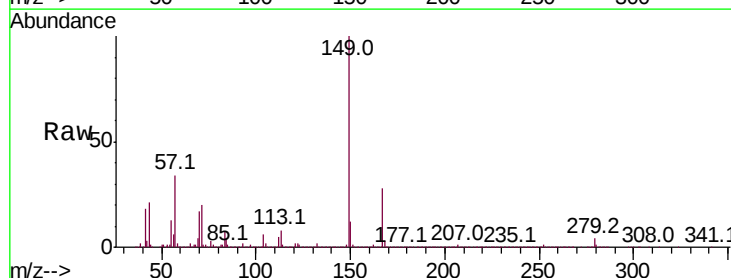
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

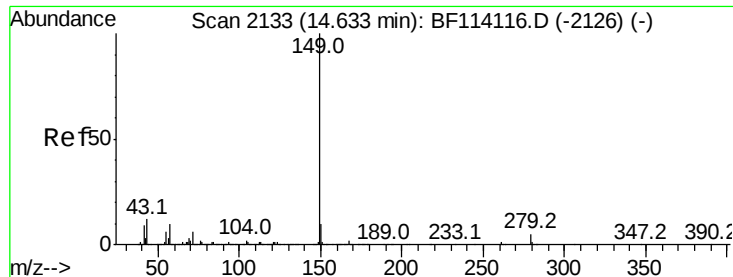
Tot Ion:228 Resp: 1532009
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.6 17.0 25.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.688 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:149 Resp: 998948
Ion Ratio Lower Upper
149 100
167 27.6 22.6 33.8
279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 39.061 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

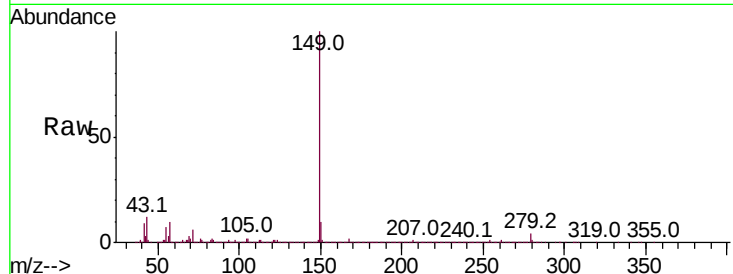
Tot Ion:149 Resp: 1724116

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

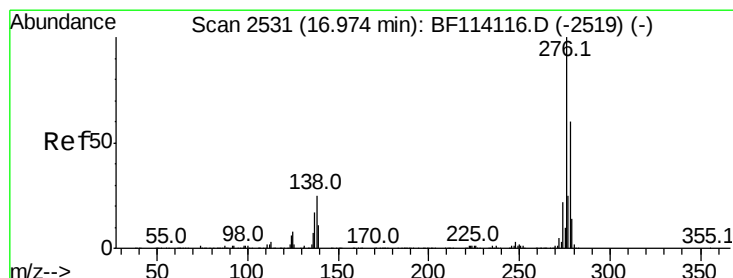
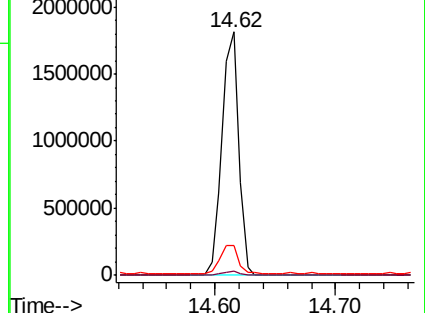
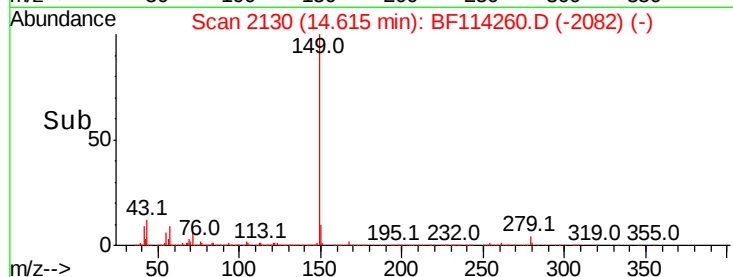
43 12.5 10.1 15.1



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: 40.129 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.04 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

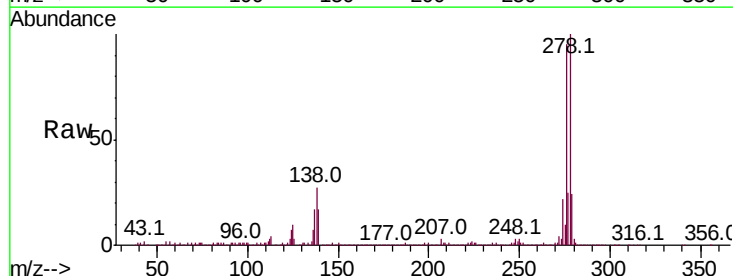
Tgt Ion:276 Resp: 1382563

Ion Ratio Lower Upper

276 100

138 26.3 20.2 30.2

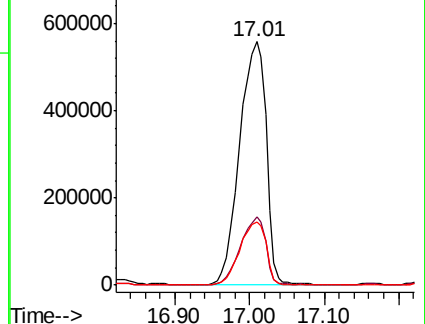
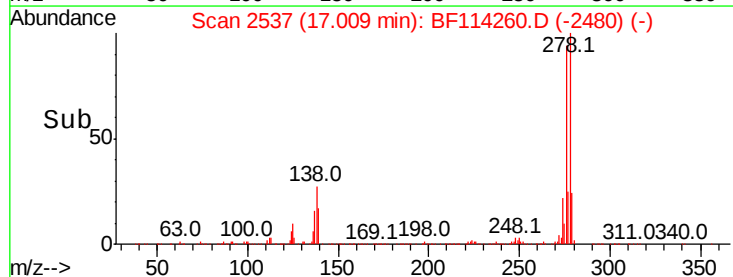
277 25.6 20.0 30.0

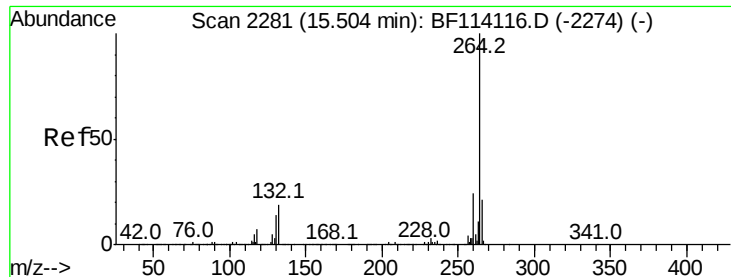


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

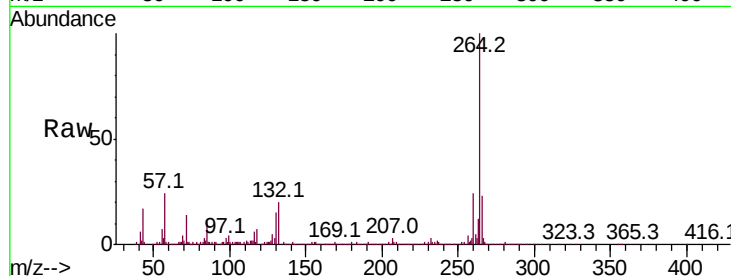
Tot Ion:264 Resp: 687898

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

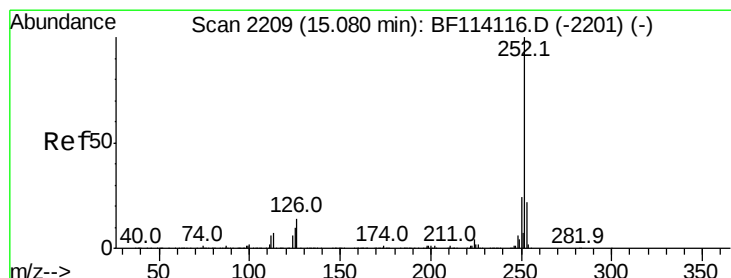
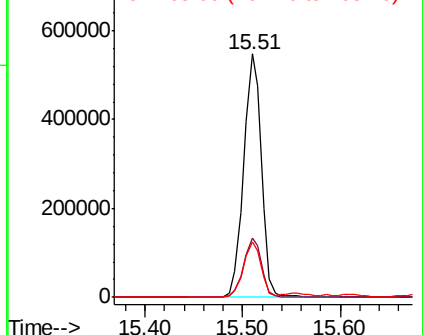
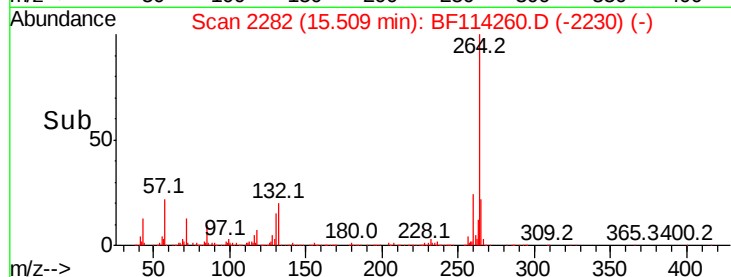
265 22.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.992 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

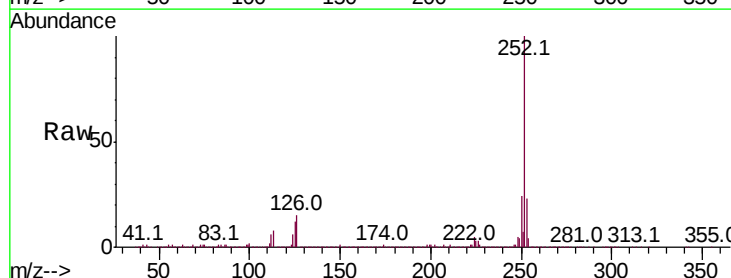
Tgt Ion:252 Resp: 1762454

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

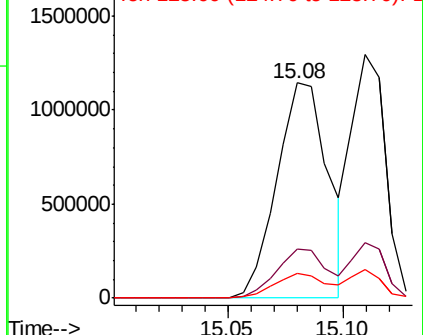
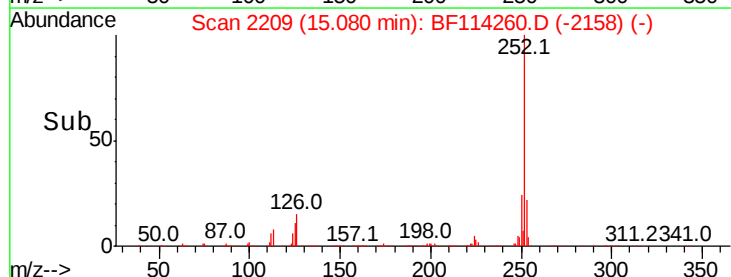
125 11.6 8.3 12.5

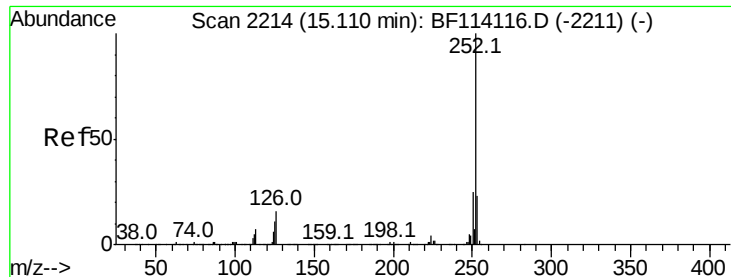


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

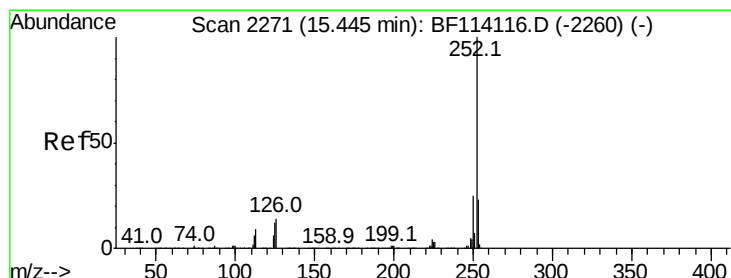
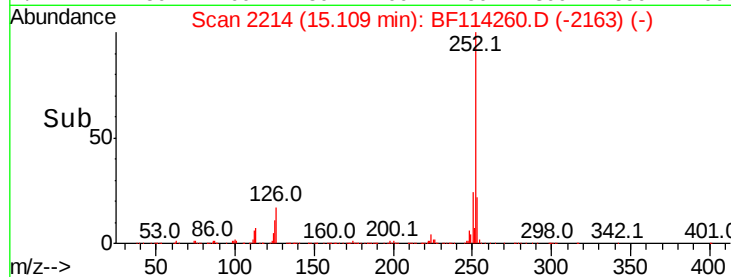
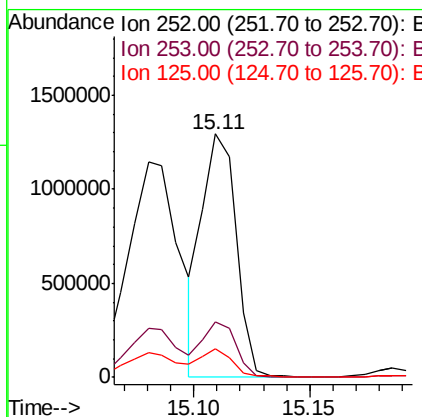
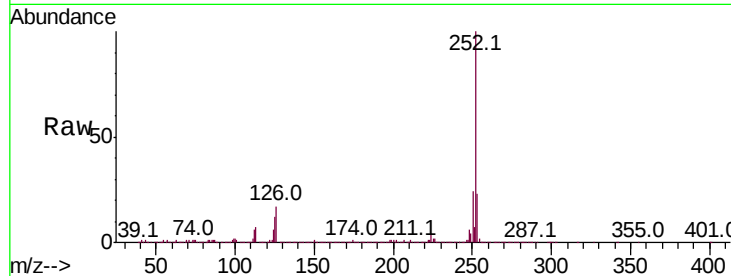




#89
Benzo(k)fluoranthene
Concen: 32.798 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

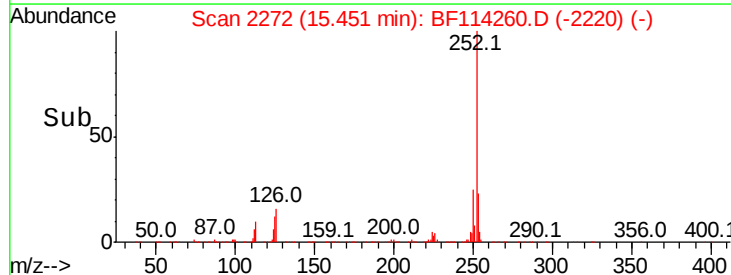
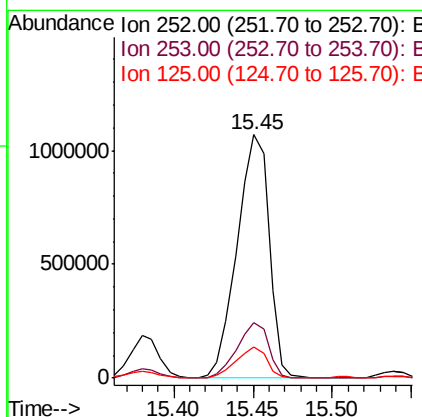
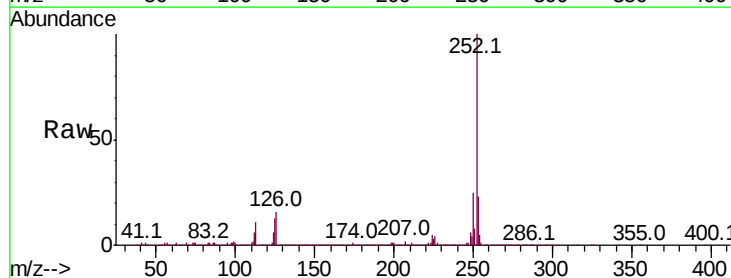
Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

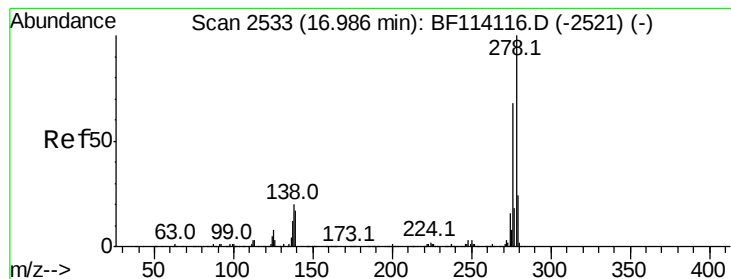
Tot Ion:252 Resp: 1327789
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.684 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114260.D
Acq: 14 May 2019 18:25

Tgt Ion:252 Resp: 1500393
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 12.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 33.779 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.03 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

Instrument :

BNA_F

ClientSampleId :

P026-SS002-1218-01MSD

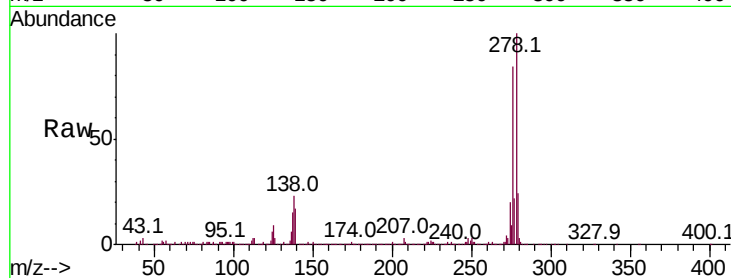
Tot Ion:278 Resp: 1088670

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	23.7	19.0	28.6

278 100

139 16.9 13.5 20.3

279 23.7 19.0 28.6

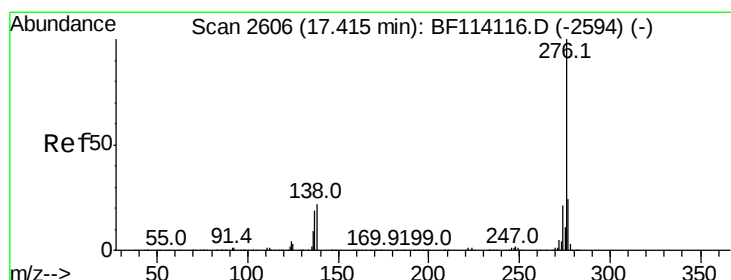
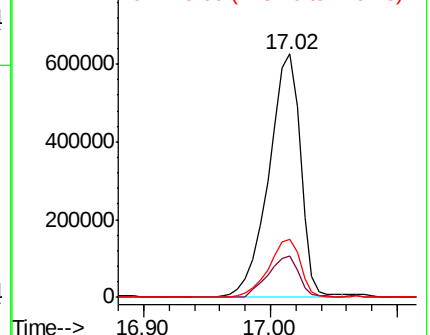
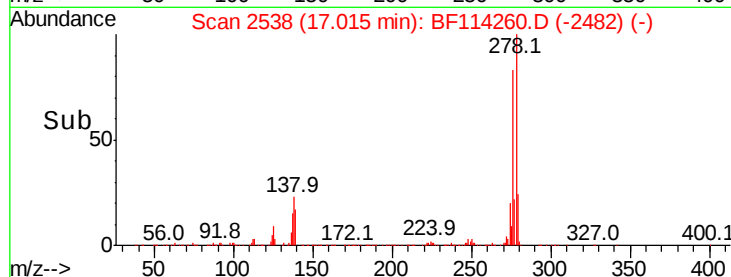


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.930 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.04 min

Lab File: BF114260.D

Acq: 14 May 2019 18:25

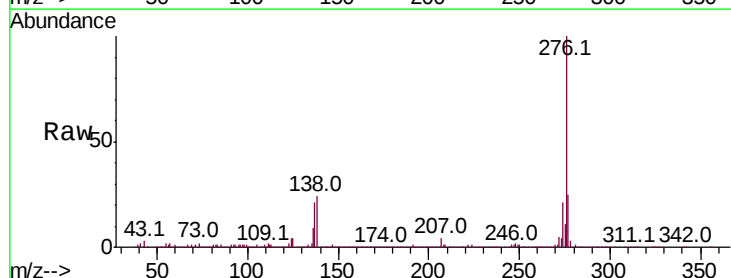
Tgt Ion:276 Resp: 1160472

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	23.5	17.8	26.6

276 100

277 24.5 19.0 28.4

138 23.5 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

