

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112435.D
 Acq On : 7 Feb 2019 13:56
 Operator : JU/SJ
 Sample : K1385-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Quant Time: Feb 09 03:11:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	133551	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	521631	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	254551	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	457771	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	308138	20.00	ng	0.00
87) Perylene-d12	15.47	264	298151	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	541136	86.07	ng	-0.01
7) Phenol-d6	6.48	99	683362	78.22	ng	-0.01
23) Nitrobenzene-d5	7.39	82	427777	47.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	199391	67.30	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	871779	48.44	ng	-0.02
79) Terphenyl-d14	12.94	244	793506	48.50	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	64957	25.934	ng	96
3) Pyridine	3.39	79	156272	24.527	ng	96
4) n-Nitrosodimethylamine	3.31	42	86337	32.254	ng	# 89
6) Aniline	6.49	93	136439	13.128	ng	# 1
8) 2-Chlorophenol	6.63	128	208841	24.691	ng	98
9) Benzaldehyde	6.38	77	96524	21.137	ng	97
10) Phenol	6.49	94	252135	26.304	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	184406	24.436	ng	96
12) 1,3-Dichlorobenzene	6.77	146	225975	22.940	ng	99
13) 1,4-Dichlorobenzene	6.85	146	231398	22.825	ng	98
14) 1,2-Dichlorobenzene	7.00	146	216847	22.846	ng	98
15) Benzyl Alcohol	6.97	79	174732	23.725	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	220570	22.764	ng	# 41
17) 2-Methylphenol	7.10	107	159182	23.740	ng	# 92
18) Hexachloroethane	7.34	117	77894	21.880	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	137515	22.826	ng	99
20) 3+4-Methylphenols	7.26	107	213098	24.853	ng	# 61
22) Acetophenone	7.24	105	282994	22.280	ng	# 93
24) Nitrobenzene	7.42	77	206632	22.854	ng	93
25) Isophorone	7.65	82	362504	25.524	ng	99
26) 2-Nitrophenol	7.73	139	108621	22.480	ng	100
27) 2,4-Dimethylphenol	7.77	122	177461	26.657	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	229416	23.723	ng	98
29) 2,4-Dichlorophenol	7.99	162	177481	23.824	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	194627	22.728	ng	99
31) Naphthalene	8.13	128	619829	25.409	ng	98
32) Benzoic acid	7.77	122	177461	46.733	ng	# 14
33) 4-Chloroaniline	8.19	127	111601	10.507	ng	97
34) Hexachlorobutadiene	8.25	225	105359	20.967	ng	99
35) Caprolactam	8.55	113	55101	20.966	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	177048	22.450	ng	97
37) 2-Methylnaphthalene	8.83	142	430922	25.805	ng	98
38) 1-Methylnaphthalene	8.93	142	402163	25.126	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	190222	22.760	ng	99

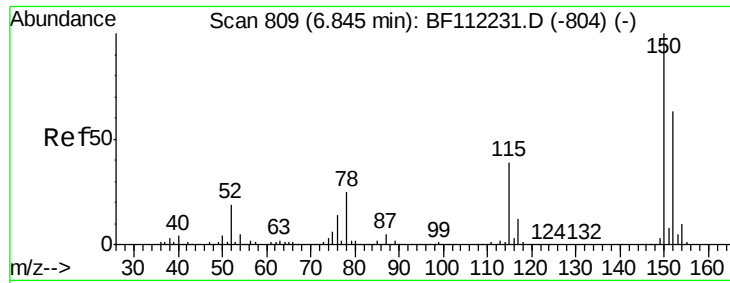
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	44318	21.833	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	121150	23.516	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	126844	23.558	ng	98
46) 1,1'-Biphenyl	9.29	154	516558	23.212	ng	98
47) 2-Chloronaphthalene	9.32	162	395893	22.941	ng	97
48) 2-Nitroaniline	9.42	65	110504	23.494	ng	89
49) Acenaphthylene	9.73	152	635562	25.127	ng	98
50) Dimethylphthalate	9.59	163	505935	25.582	ng	99
51) 2,6-Dinitrotoluene	9.66	165	100546	22.700	ng	97
52) Acenaphthene	9.90	154	364166	24.101	ng	98
53) 3-Nitroaniline	9.83	138	80724	16.822	ng	# 95
54) 2,4-Dinitrophenol	9.96	184	7588	5.338	ng	# 82
55) Dibenzofuran	10.07	168	551689	23.893	ng	96
56) 4-Nitrophenol	10.02	139	103095	40.636	ng	92
57) 2,4-Dinitrotoluene	10.07	165	131814	23.376	ng	# 84
58) Fluorene	10.42	166	444091	25.701	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	98321	24.164	ng	95
60) Diethylphthalate	10.29	149	457271	23.298	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	203682	21.670	ng	92
62) 4-Nitroaniline	10.44	138	98403	20.907	ng	97
63) Azobenzene	10.57	77	392692	22.750	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	19839	7.730	ng	92
66) n-Nitrosodiphenylamine	10.53	169	369780	23.968	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	123622	22.961	ng	96
68) Hexachlorobenzene	10.97	284	132673	22.968	ng	98
69) Atrazine	11.05	200	117999	23.703	ng	98
70) Pentachlorophenol	11.17	266	87468	38.915	ng	95
71) Phenanthrene	11.38	178	703190	29.547	ng	98
72) Anthracene	11.43	178	637827	26.905	ng	99
73) Carbazole	11.59	167	517854	22.145	ng	99
74) Di-n-butylphthalate	11.91	149	741314	25.540	ng	98
75) Fluoranthene	12.57	202	740705	29.018	ng	97
77) Benzidine	12.69	184	144744	17.067	ng	96
78) Pyrene	12.80	202	708369	33.204	ng	98
80) Butylbenzylphthalate	13.40	149	245241	23.760	ng	93
81) Benzo(a)anthracene	13.99	228	521724	28.802	ng	98
82) 3,3'-Dichlorobenzidine	13.94	252	118823	17.528	ng	95
83) Chrysene	14.03	228	479091	27.708	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	339532	23.174	ng	# 97
85) Di-n-octyl phthalate	14.57	149	530957	23.554	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	449288	32.793	ng	97
88) Benzo(b)fluoranthene	15.04	252	499171	27.995	ng	98
89) Benzo(k)fluoranthene	15.04	252	499171	29.227	ng	99
90) Benzo(a)pyrene	15.41	252	467621	29.146	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	351188	27.159	ng	99
92) Benzo(g,h,i)perylene	17.40	276	361382	29.623	ng	96

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

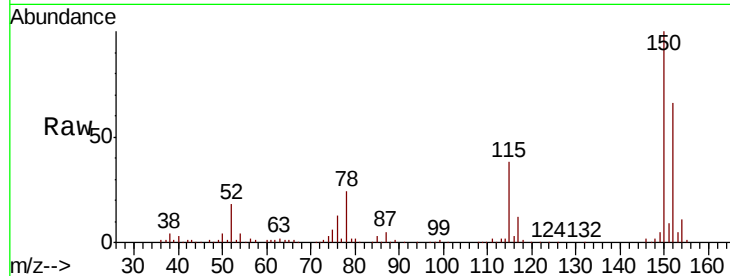


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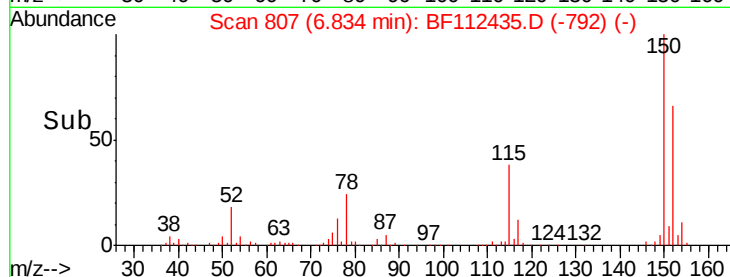
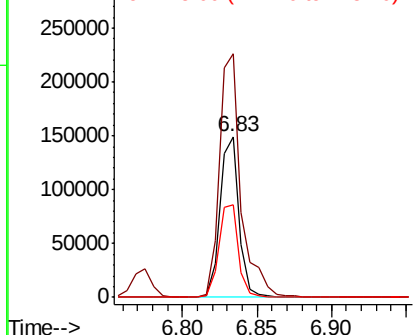
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:152 Resp: 133551
Ion Ratio Lower Upper
152 100
150 151.2 127.4 191.0
115 57.2 45.5 68.3



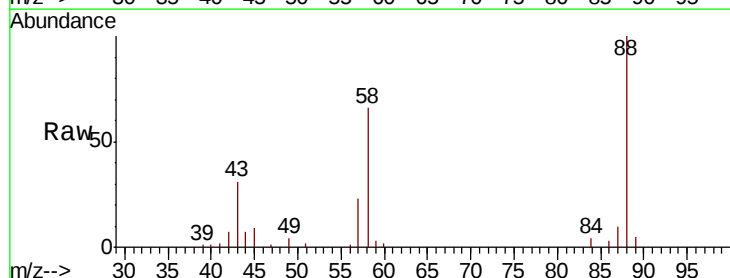
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



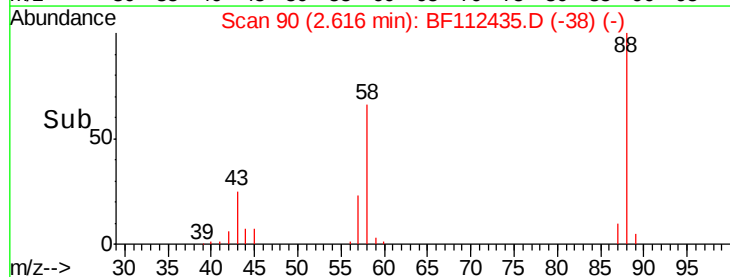
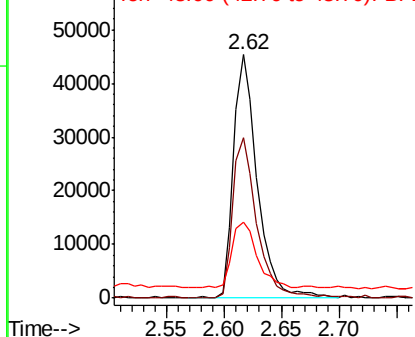
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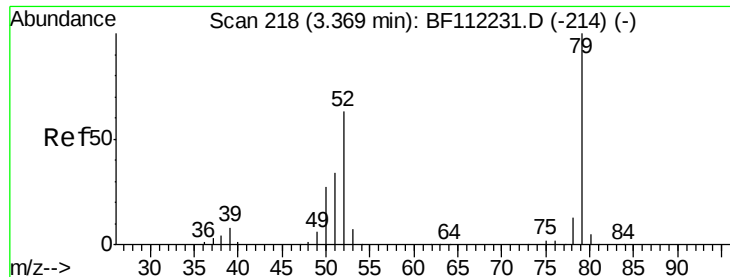
1,4-Dioxane
Concen: 25.934 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion: 88 Resp: 64957
Ion Ratio Lower Upper
88 100
58 67.6 57.4 86.2
43 28.7 22.2 33.4



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: 24.527 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

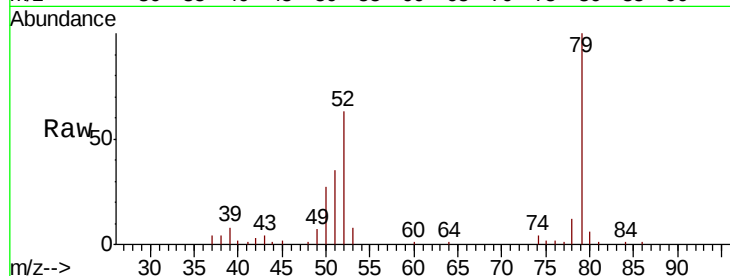
Tot Ion: 79 Resp: 156272

Ion Ratio Lower Upper

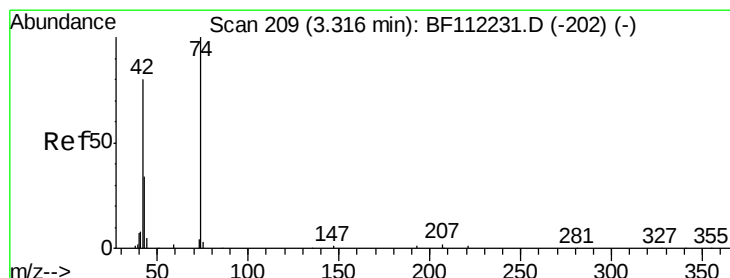
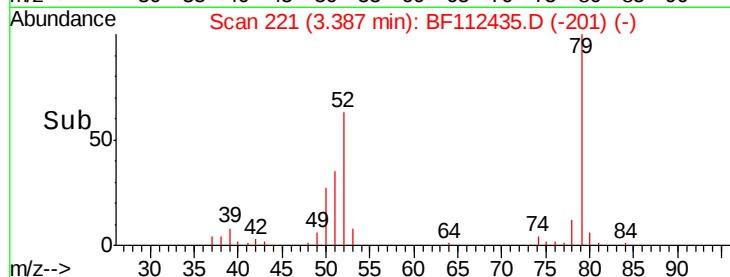
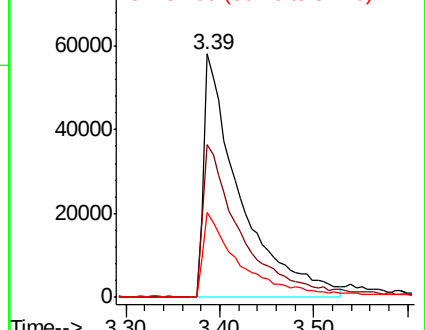
79 100

52 62.6 52.4 78.6

51 34.8 26.1 39.1



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: 32.254 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

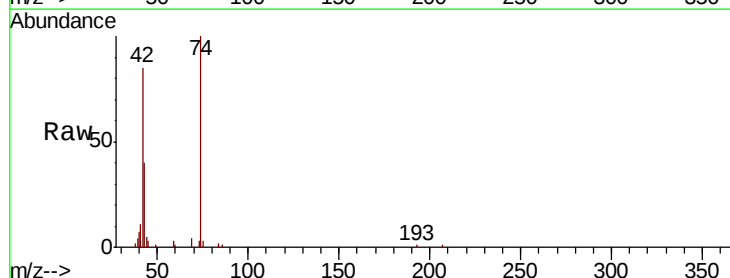
Tgt Ion: 42 Resp: 86337

Ion Ratio Lower Upper

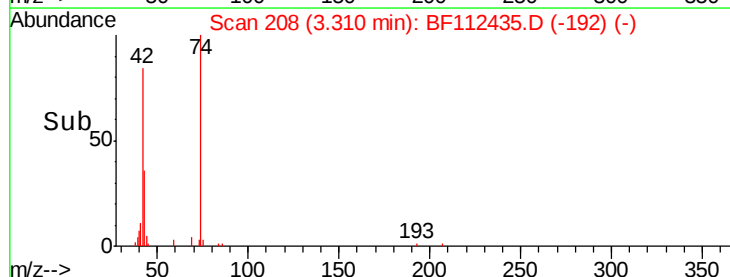
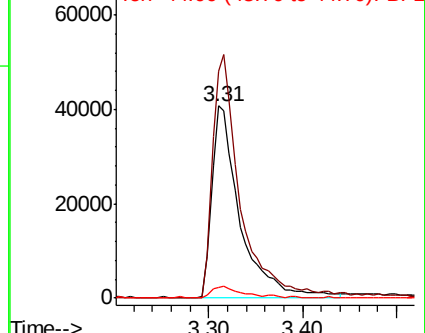
42 100

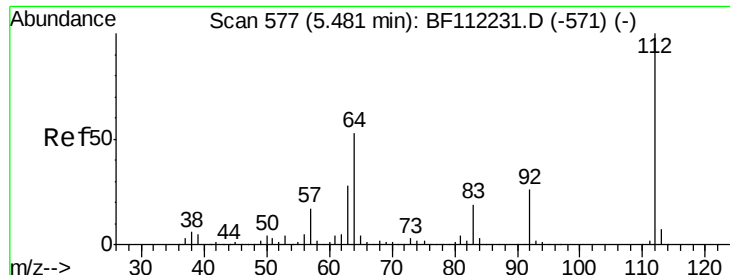
74 118.1 105.6 158.4

44 5.3 5.4 8.2#



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: 86.065 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

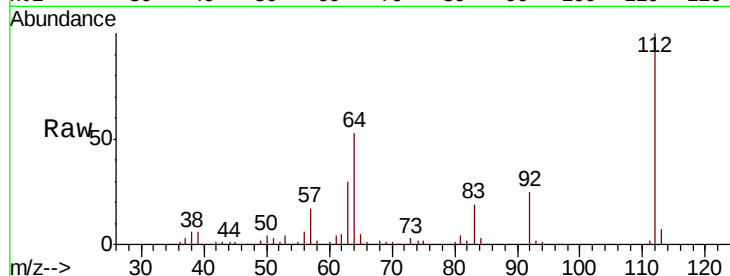
Tot Ion:112 Resp: 541136

Ion Ratio Lower Upper

112 100

64 53.2 45.7 68.5

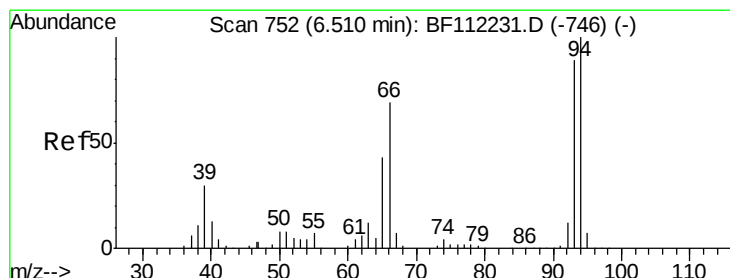
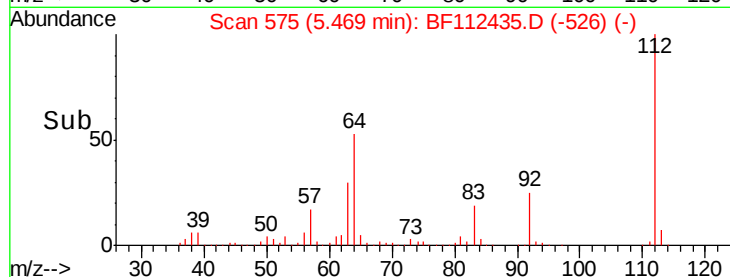
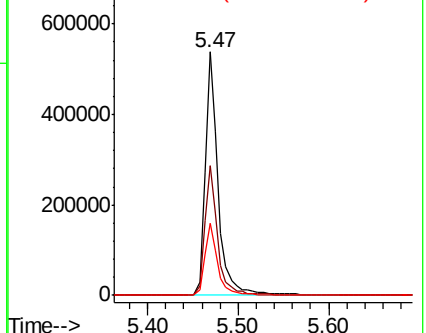
63 29.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.128 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

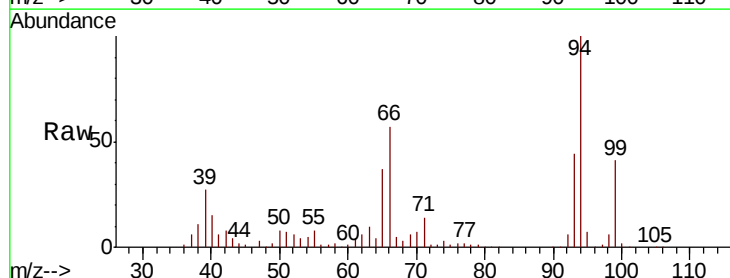
Tgt Ion: 93 Resp: 136439

Ion Ratio Lower Upper

93 100

66 129.9 43.4 65.2#

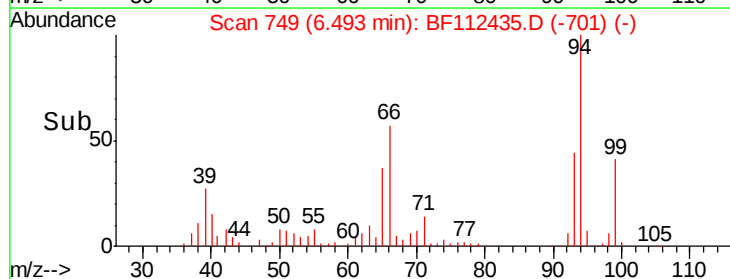
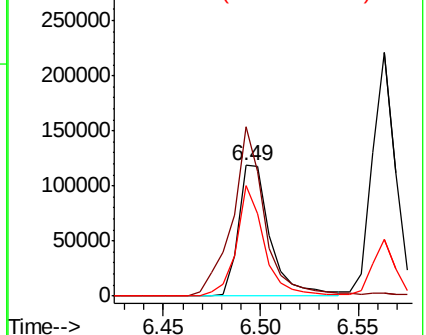
65 84.1 25.3 37.9#

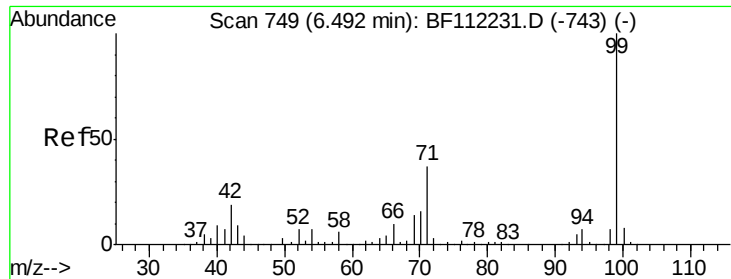


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.216 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

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ClientSampleId :

98-SB-01-2-4MSD

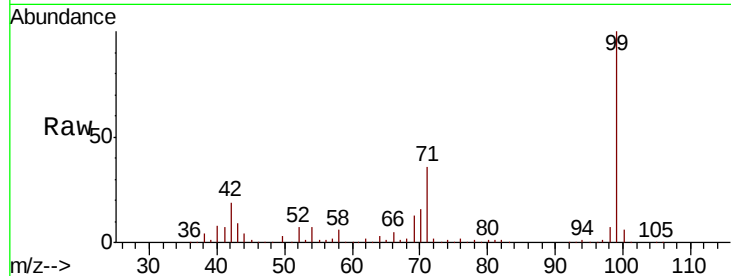
Tot Ion: 99 Resp: 683362

Ion Ratio Lower Upper

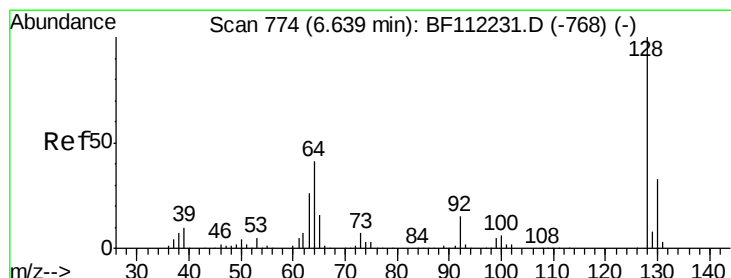
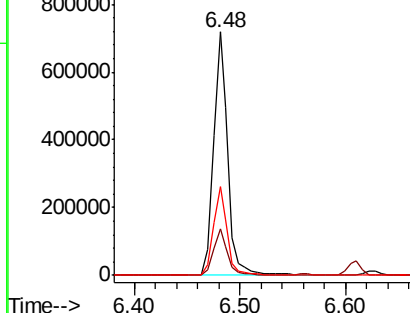
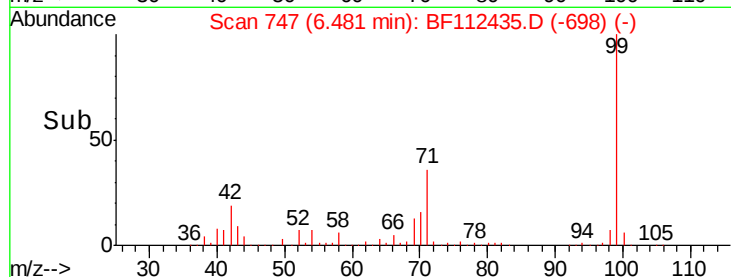
99 100

42 19.0 15.1 22.7

71 36.2 26.9 40.3



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: 24.691 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

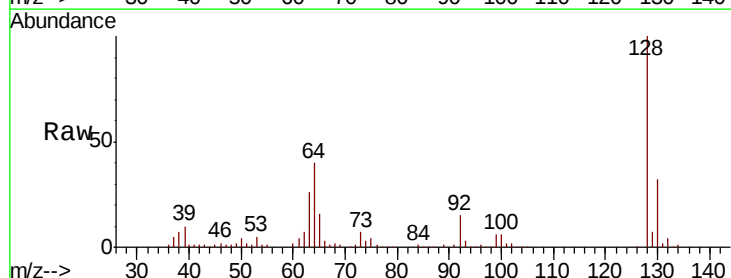
Tgt Ion: 128 Resp: 208841

Ion Ratio Lower Upper

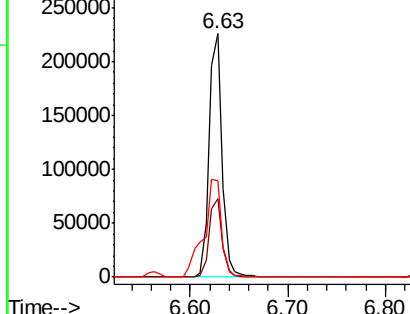
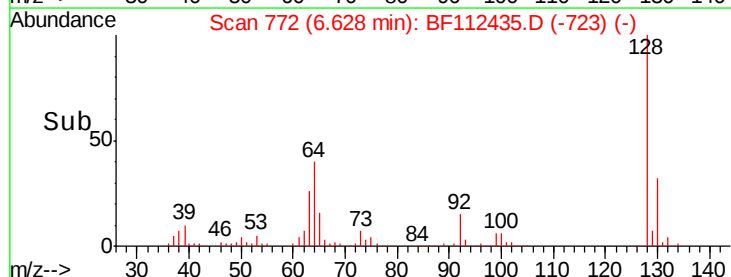
128 100

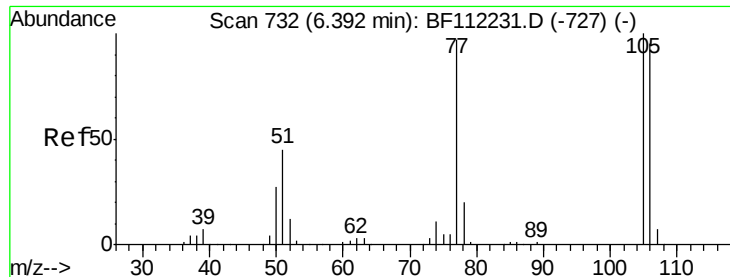
130 32.3 13.4 53.4

64 39.5 20.5 60.5



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: 21.137 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

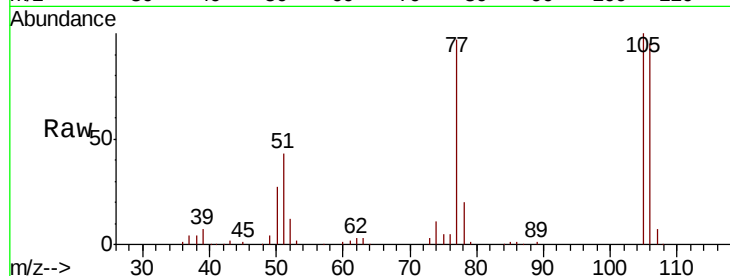
Tot Ion: 77 Resp: 96524

Ion Ratio Lower Upper

77 100

105 103.5 80.8 120.8

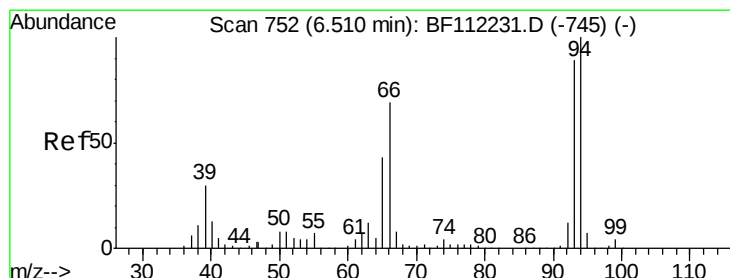
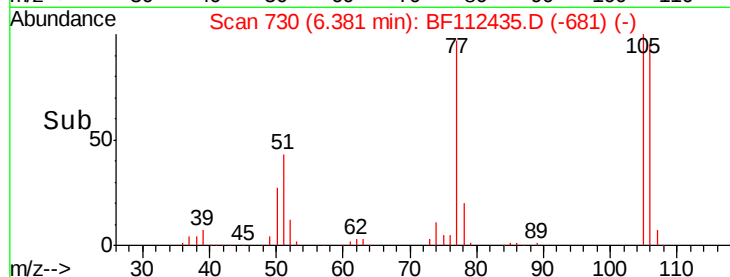
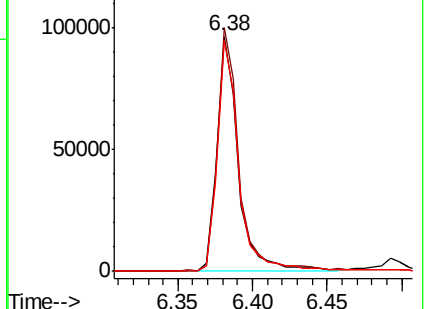
106 98.0 75.7 115.7



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: 26.304 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

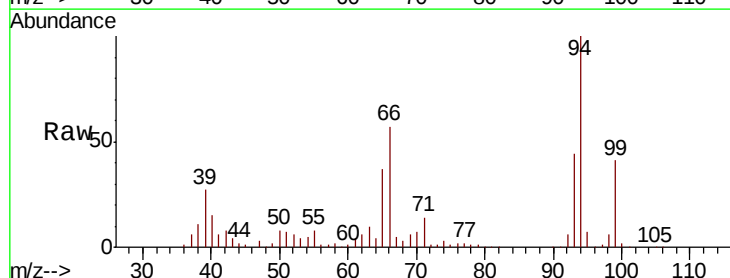
Tgt Ion: 94 Resp: 252135

Ion Ratio Lower Upper

94 100

65 36.6 20.3 60.3

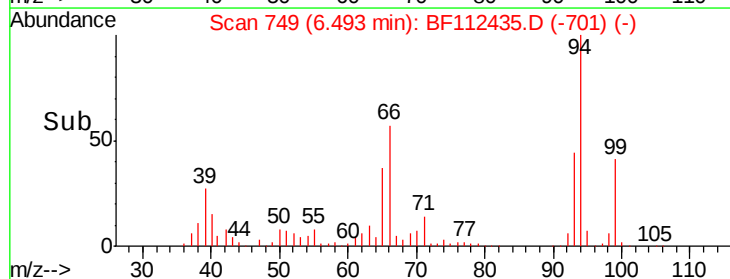
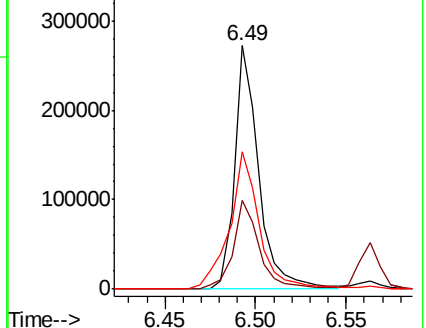
66 56.6 42.4 82.4

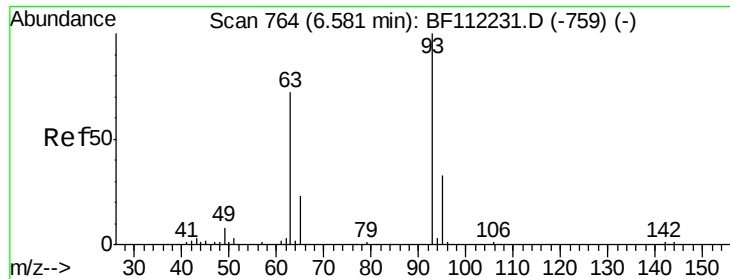


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

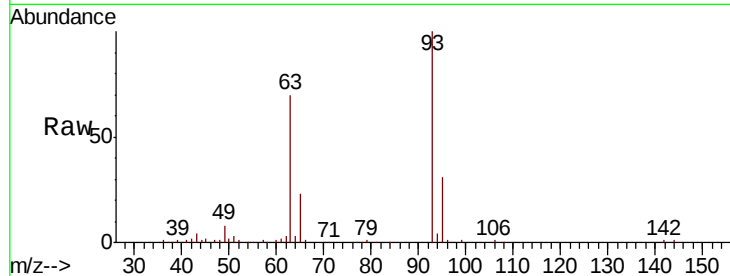




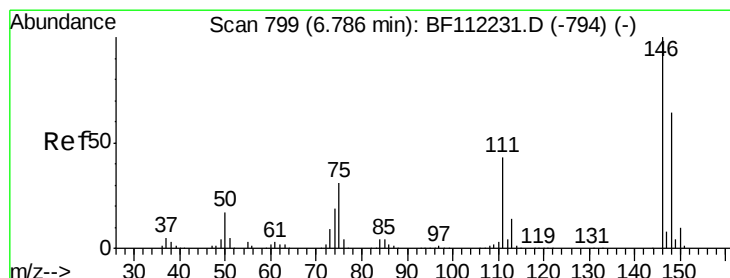
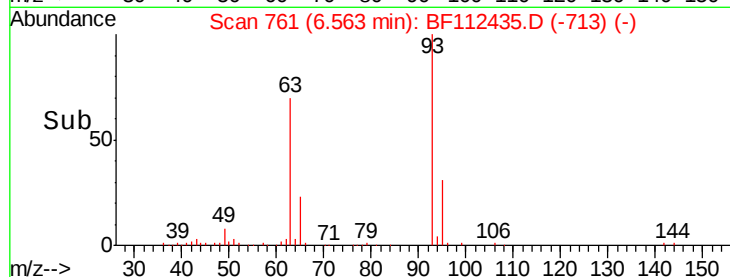
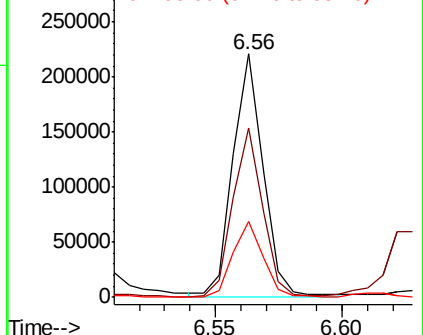
#11
bis(2-Chloroethyl)ether
Concen: 24.436 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:	93	Resp:	184406
Ion	Ratio	Lower	Upper
93	100		
63	69.7	53.3	93.3
95	31.2	13.4	53.4

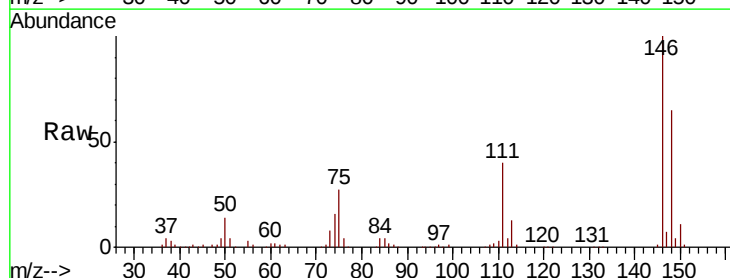


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

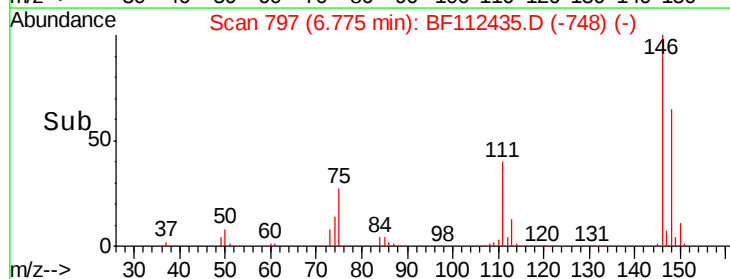
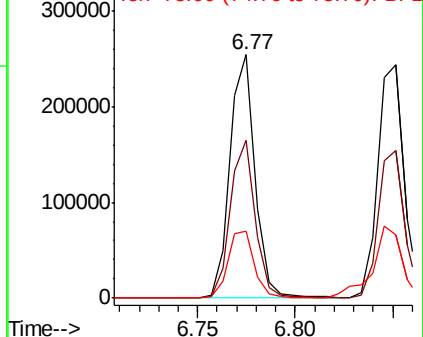


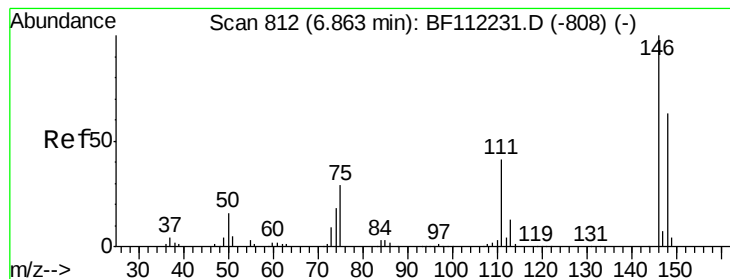
#12
1,3-Dichlorobenzene
Concen: 22.940 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:	146	Resp:	225975
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	27.3	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 22.825 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

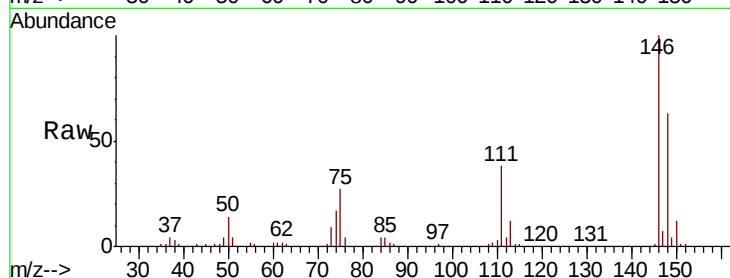
Tot Ion:146 Resp: 231398

Ion Ratio Lower Upper

146 100

148 63.4 52.0 78.0

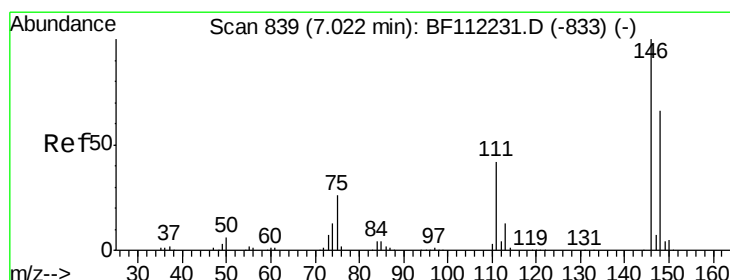
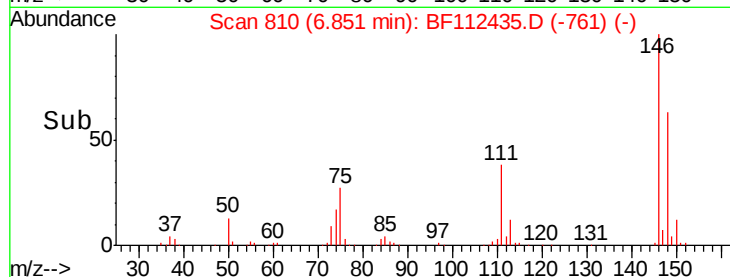
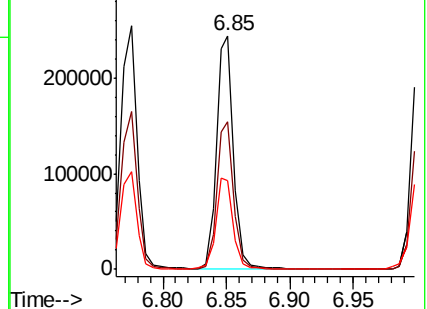
111 38.0 31.2 46.8



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: 22.846 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

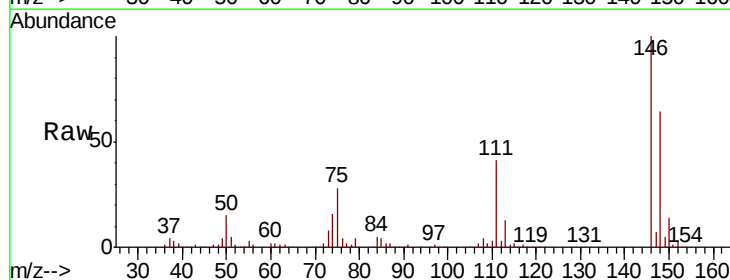
Tgt Ion:146 Resp: 216847

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

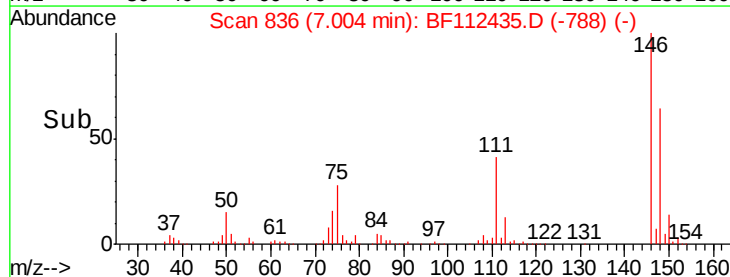
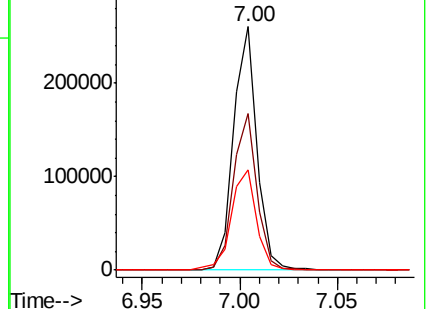
111 41.1 31.2 46.8

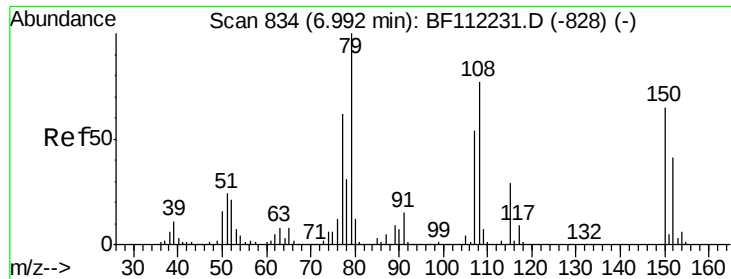


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

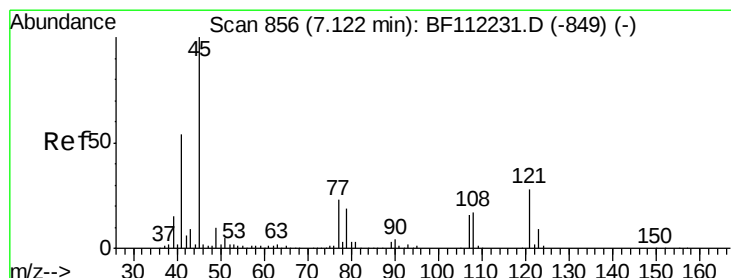
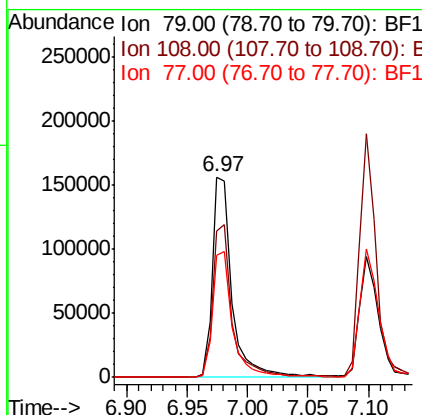
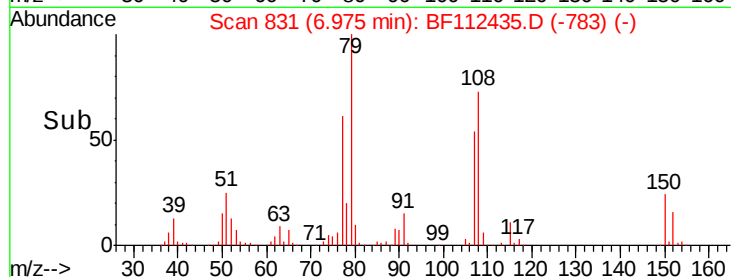
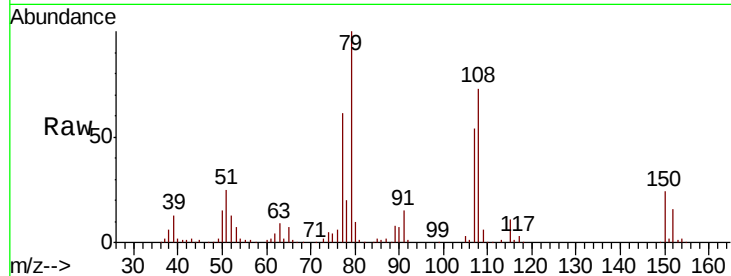




#15
Benzyl Alcohol
Concen: 23.725 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

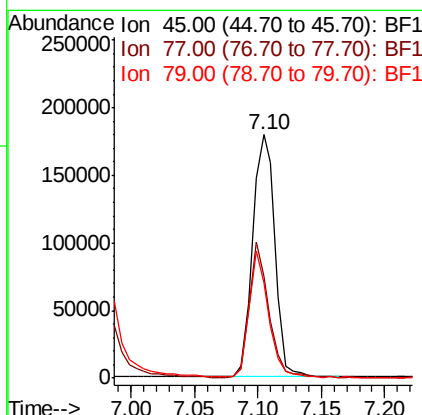
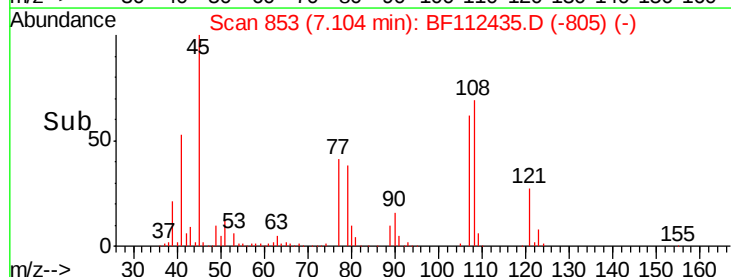
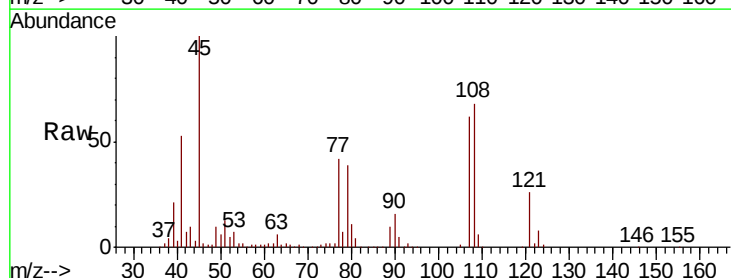
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

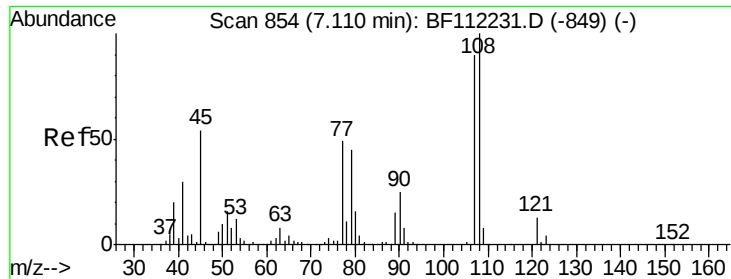
Tot Ion: 79 Resp: 174732
Ion Ratio Lower Upper
79 100
108 72.9 64.2 96.2
77 60.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.764 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion: 45 Resp: 220570
Ion Ratio Lower Upper
45 100
77 41.5 0.0 36.9#
79 38.9 0.0 34.0#

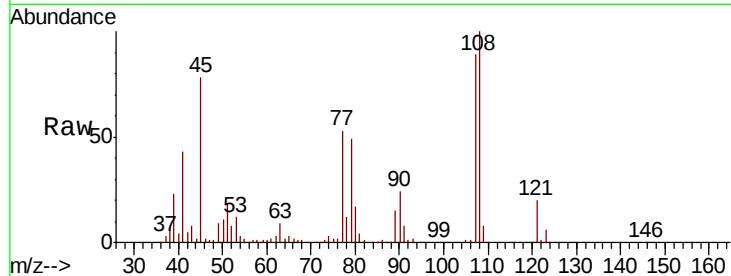




#17
2-Methylphenol
Concen: 23.740 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.3	136.9
77	59.3	39.0	58.6#
79	55.5	37.0	55.4#



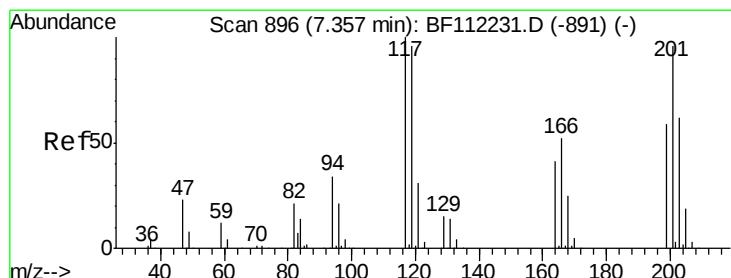
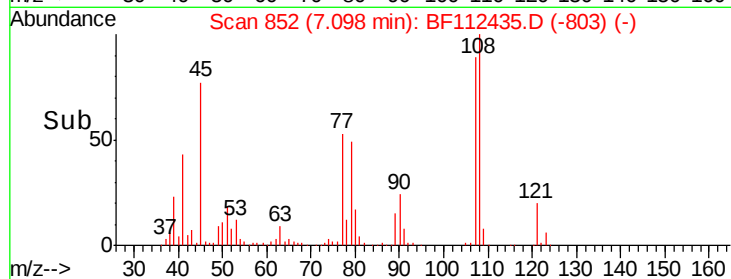
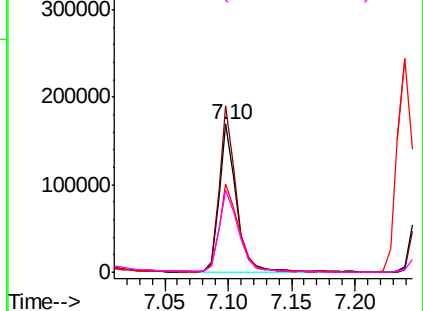
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

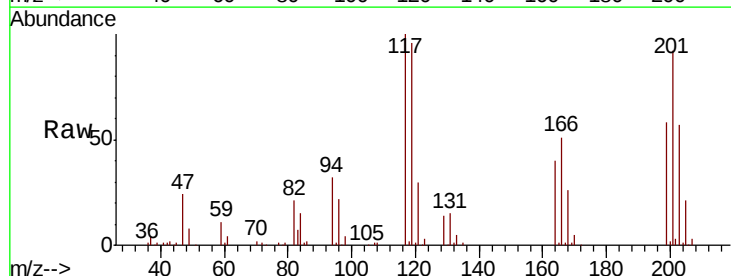
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 21.880 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	92.2	74.1	111.1

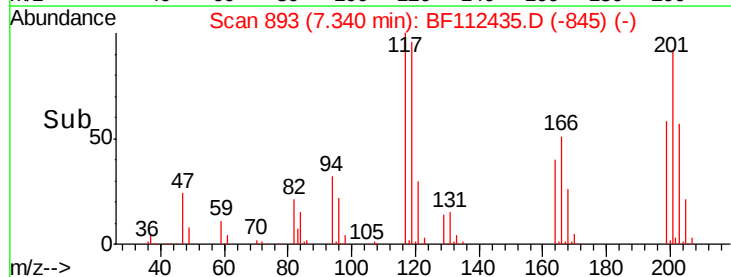
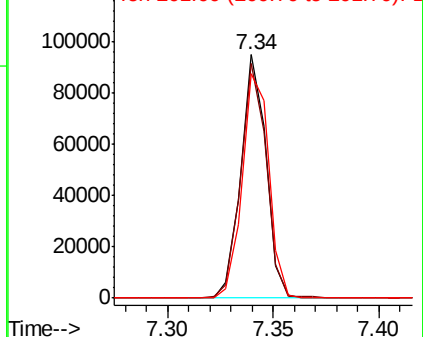


Abundance

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

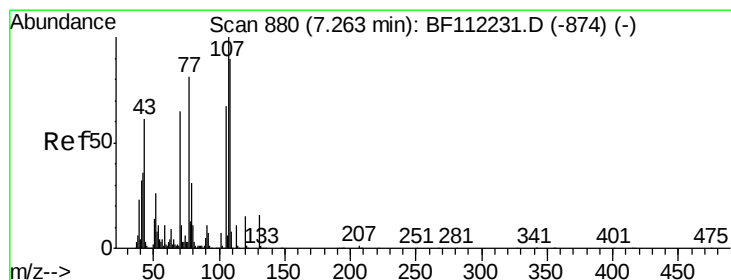
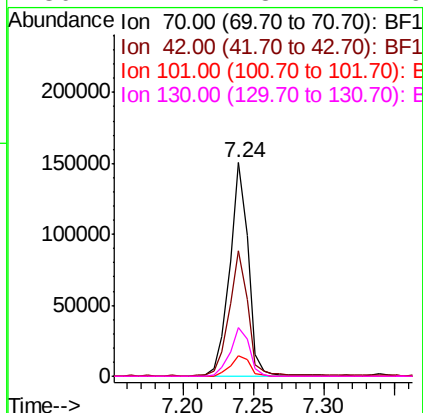
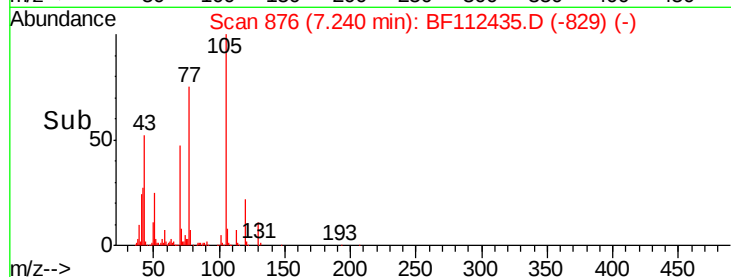
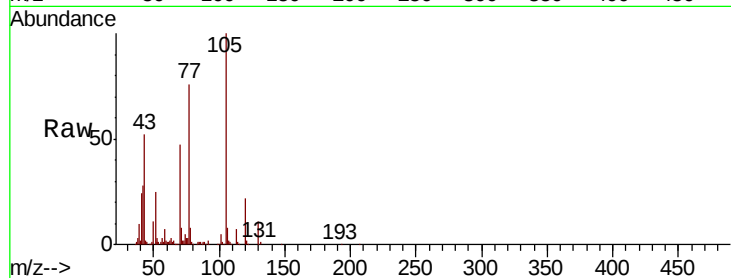




#19
n-Nitroso-di-n-propylamine
Concen: 22.826 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

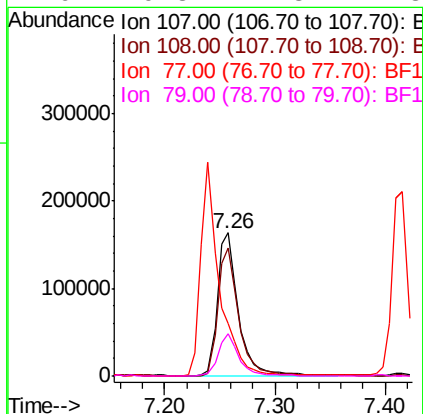
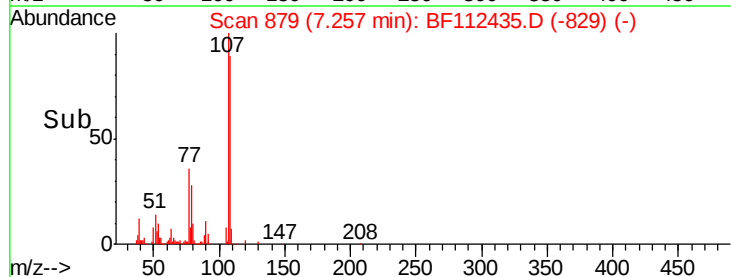
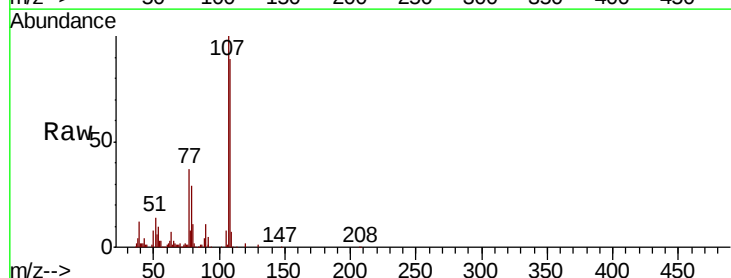
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

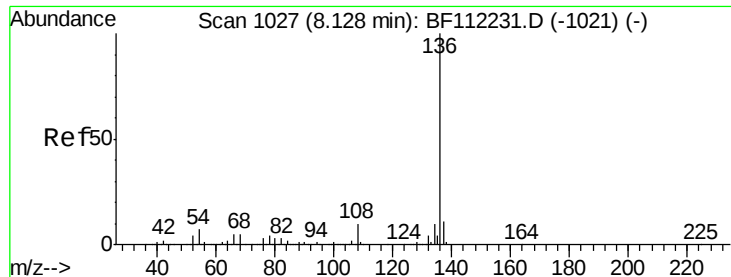
Tot Ion: 70 Resp: 137515
Ion Ratio Lower Upper
70 100
42 59.0 47.6 71.4
101 9.8 7.9 11.9
130 22.7 18.4 27.6



#20
3+4-Methylphenols
Concen: 24.853 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion: 107 Resp: 213098
Ion Ratio Lower Upper
107 100
108 89.2 68.2 108.2
77 36.9 100.7 140.7#
79 29.3 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:136 Resp: 521631

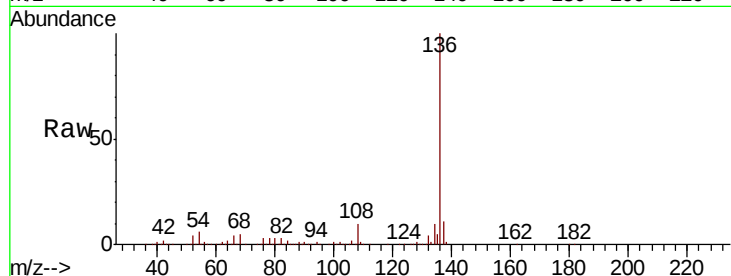
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.1 5.9 8.9

68 4.6 5.1 7.7#

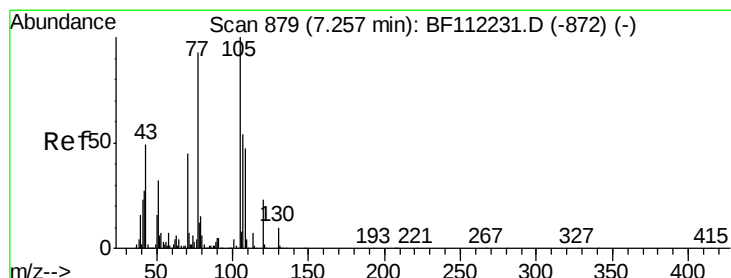
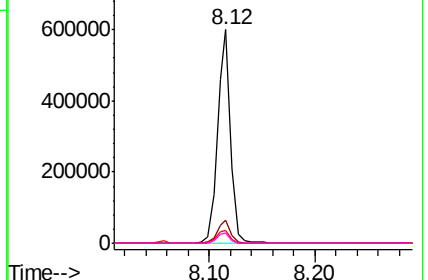
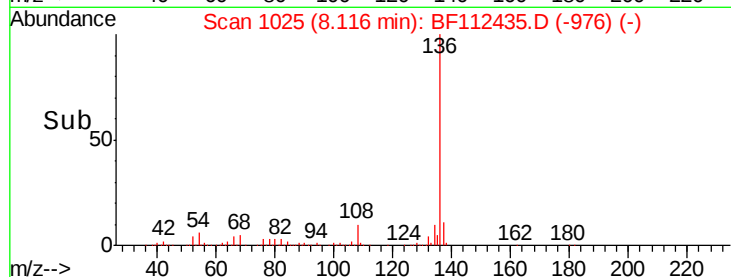


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.280 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:105 Resp: 282994

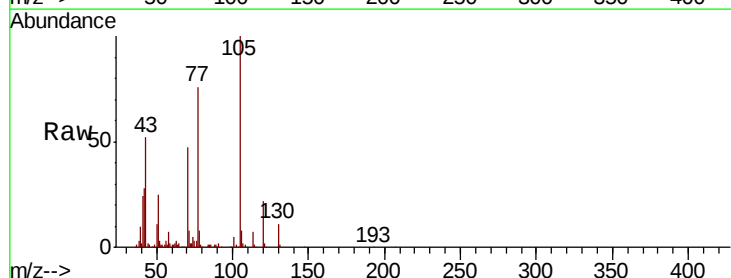
Ion Ratio Lower Upper

105 100

71 7.6 4.6 6.8#

51 24.9 25.0 37.6#

120 22.5 19.0 28.4

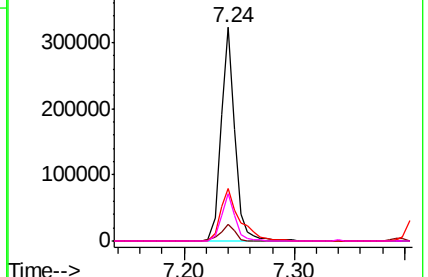
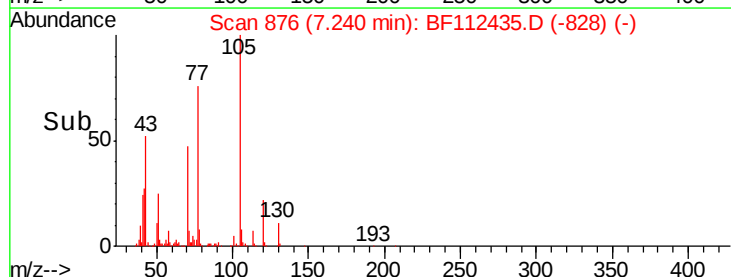


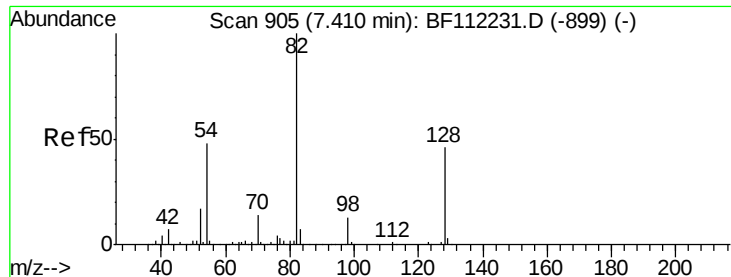
Abundance Ion 105.00 (104.70 to 105.70): E

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: 47.253 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

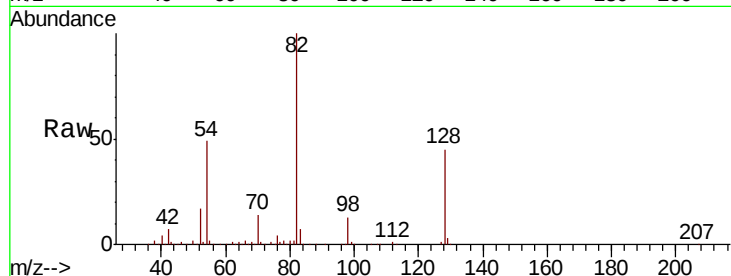
Tot Ion: 82 Resp: 427777

Ion Ratio Lower Upper

82 100

128 44.7 37.8 56.8

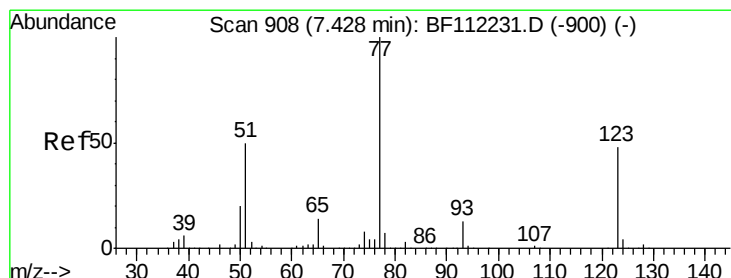
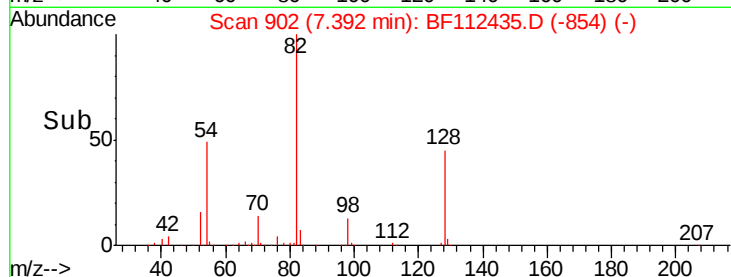
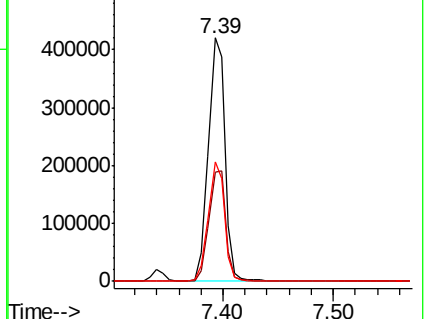
54 49.0 39.7 59.5



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: 22.854 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

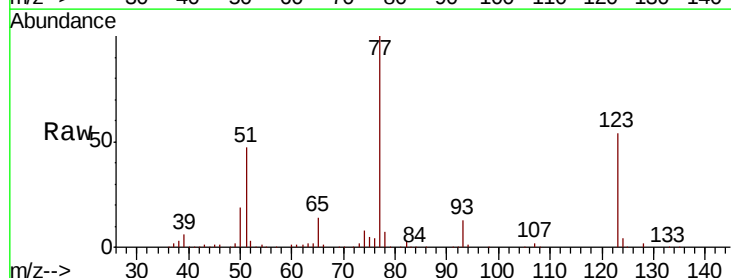
Tgt Ion: 77 Resp: 206632

Ion Ratio Lower Upper

77 100

123 53.5 38.4 57.6

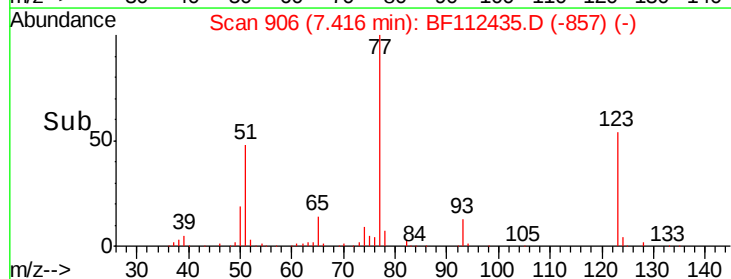
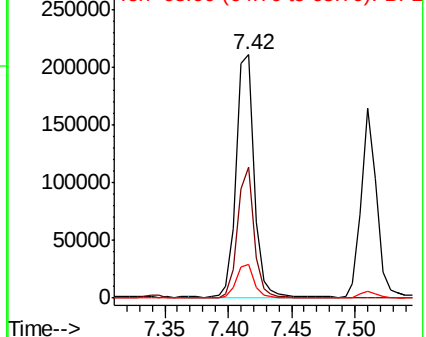
65 13.8 10.6 15.8

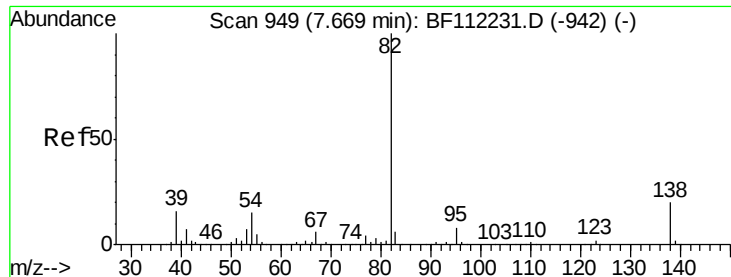


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 25.524 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

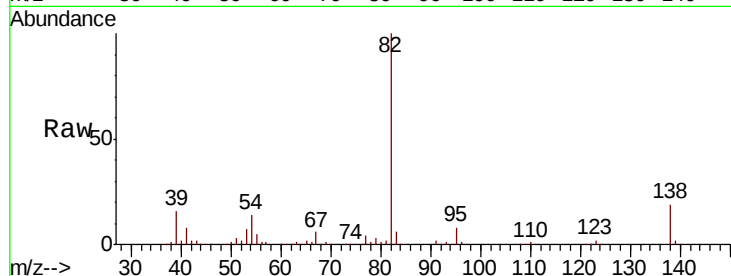
Tot Ion: 82 Resp: 362504

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

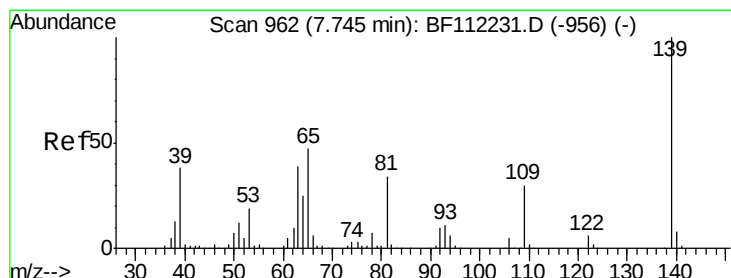
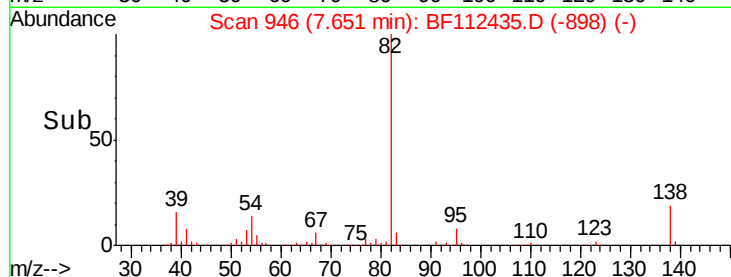
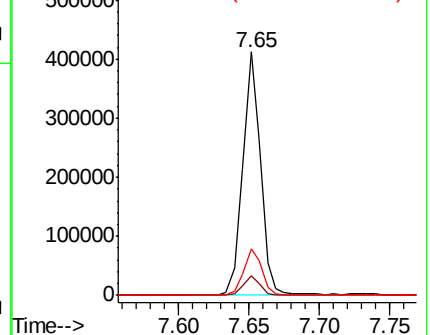
138 19.3 15.4 23.0



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: 22.480 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

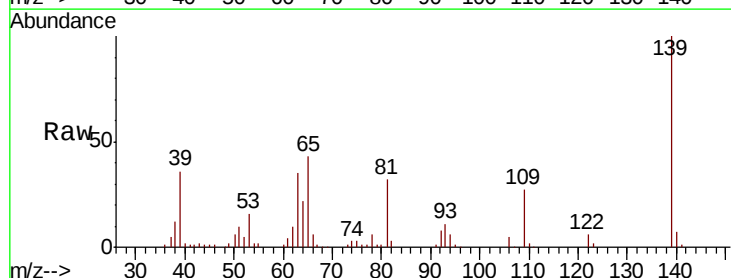
Tgt Ion: 139 Resp: 108621

Ion Ratio Lower Upper

139 100

109 26.7 20.8 31.2

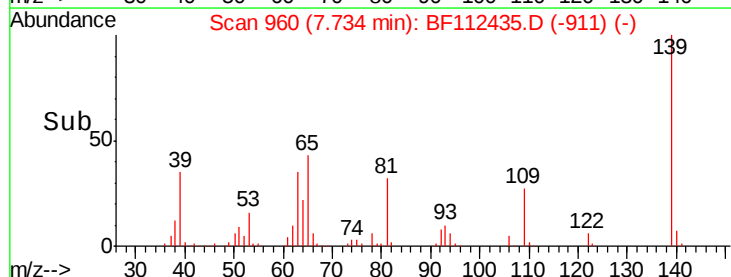
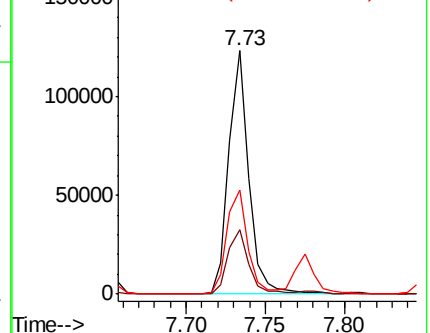
65 43.0 34.4 51.6

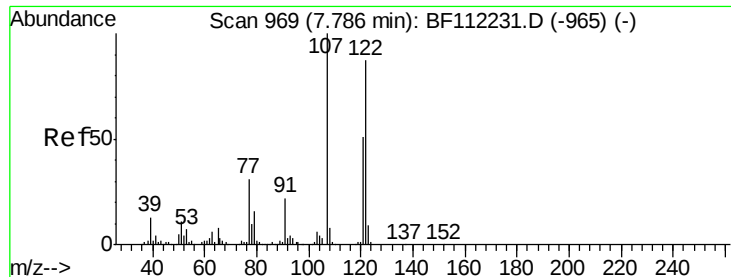


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

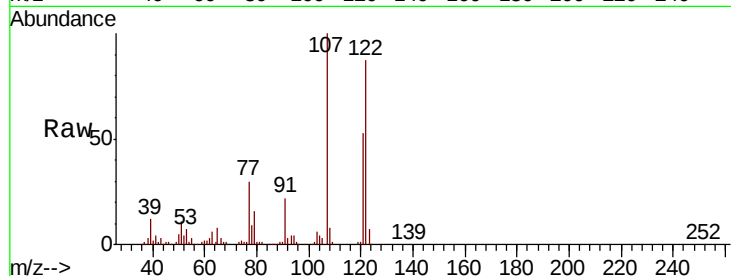




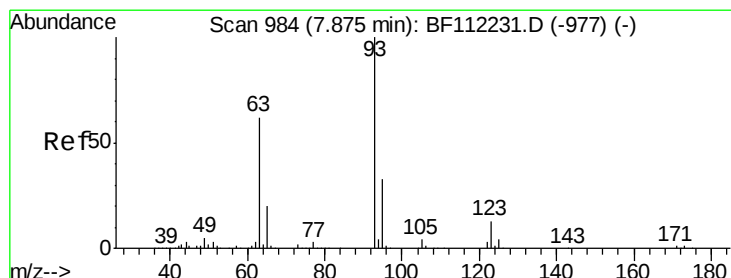
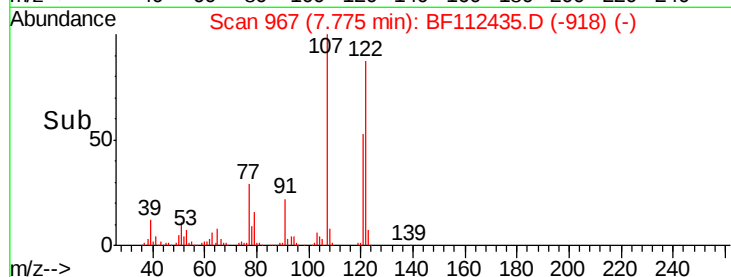
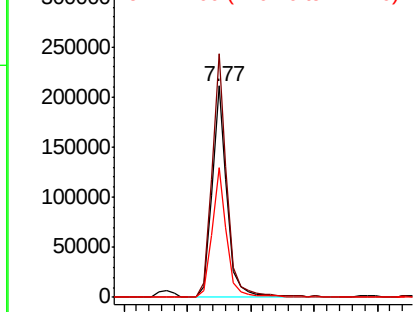
#27
 2,4-Dimethylphenol
 Concen: 26.657 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:122 Resp: 177461
 Ion Ratio Lower Upper
 122 100
 107 115.1 85.4 128.0
 121 61.1 47.0 70.4

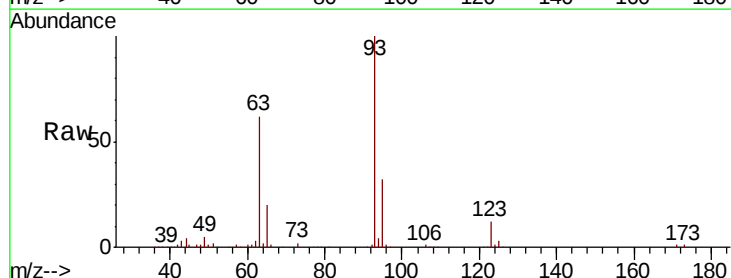


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

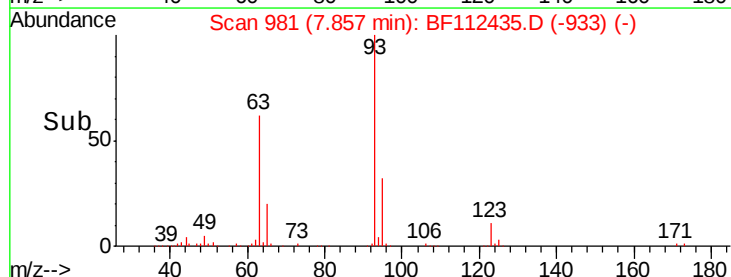
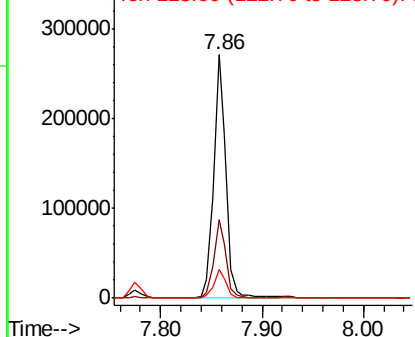


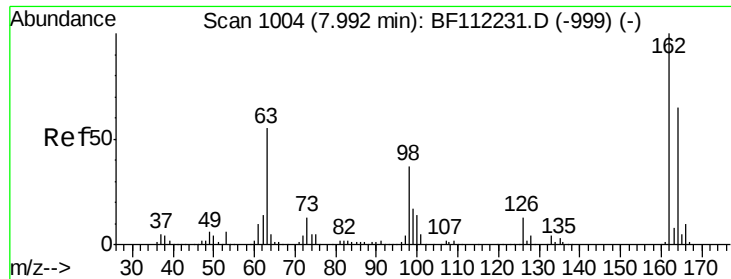
#28
 bis(2-Chloroethoxy)methane
 Concen: 23.723 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion: 93 Resp: 229416
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.8 40.2
 123 11.5 10.2 15.2



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

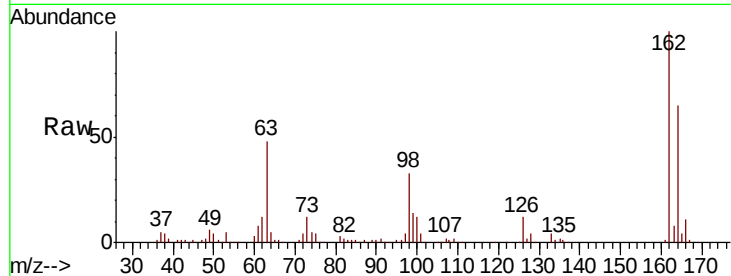




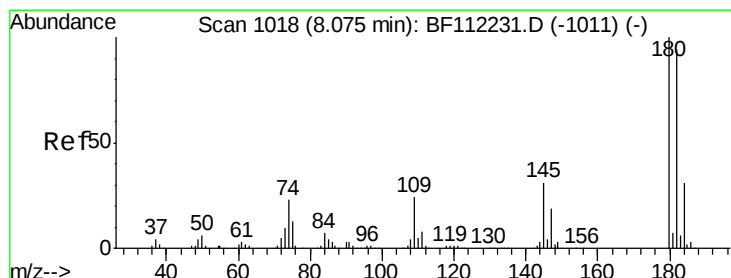
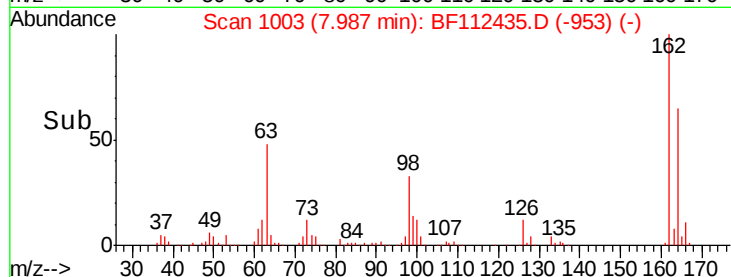
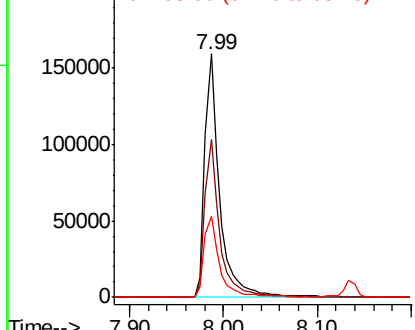
#29
 2,4-Dichlorophenol
 Concen: 23.824 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:162 Resp: 177481
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.6 84.6
 98 33.2 14.6 54.6

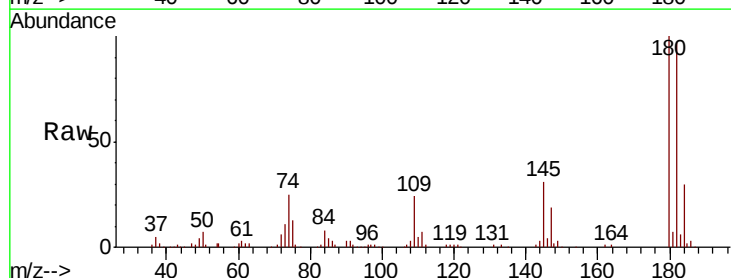


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

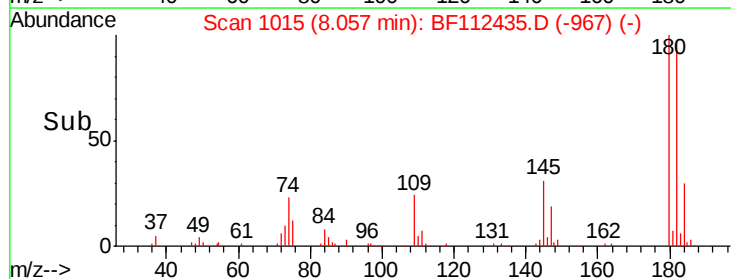
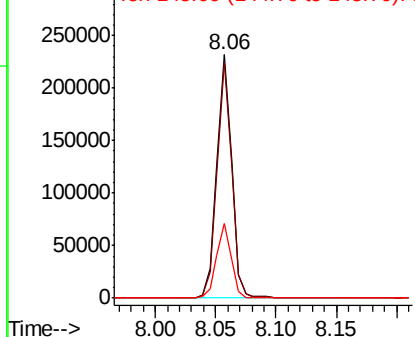


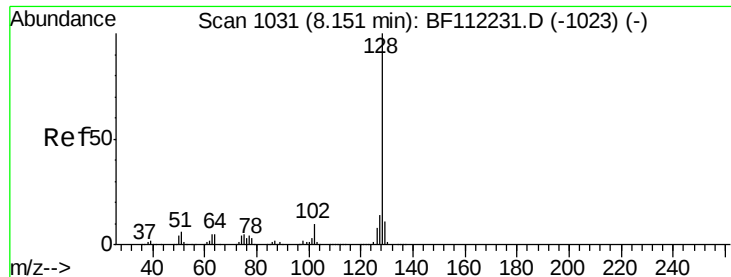
#30
 1,2,4-Trichlorobenzene
 Concen: 22.728 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion:180 Resp: 194627
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 30.7 25.0 37.4



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

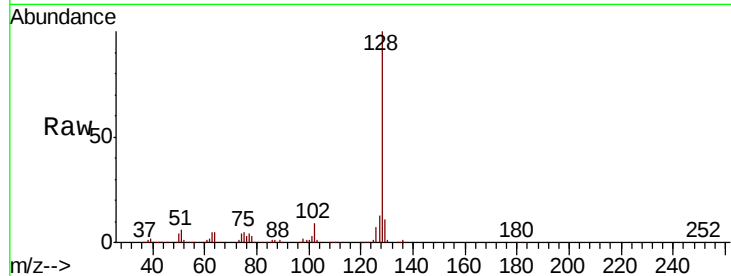




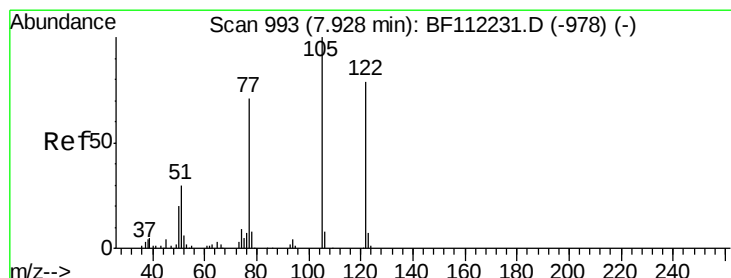
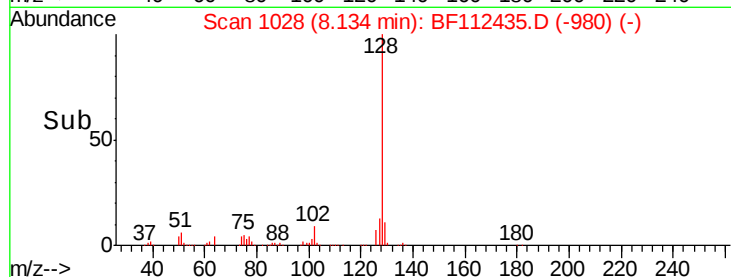
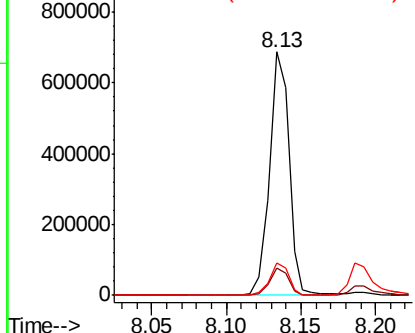
#31
Naphthalene
Concen: 25.409 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:128 Resp: 619829
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.3 11.1 16.7

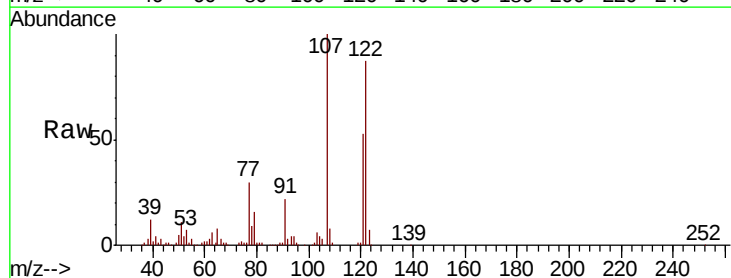


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

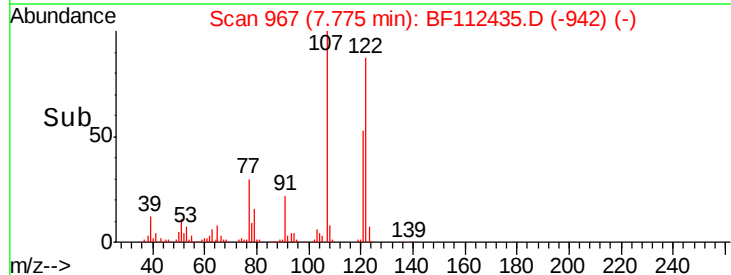
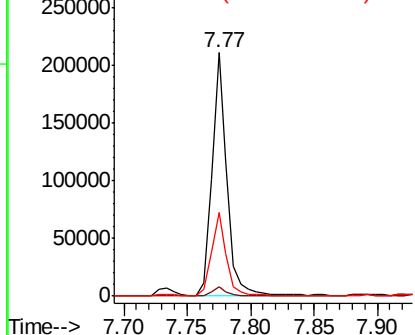


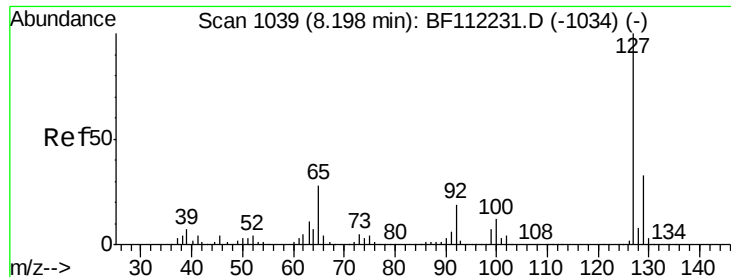
#32
Benzoic acid
Concen: 46.733 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.15 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:122 Resp: 177461
Ion Ratio Lower Upper
122 100
105 3.9 101.2 141.2#
77 34.2 70.4 110.4#



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

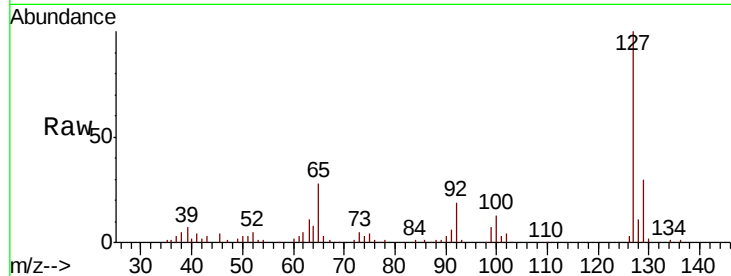




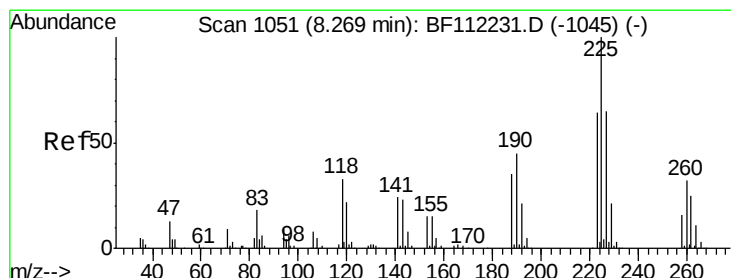
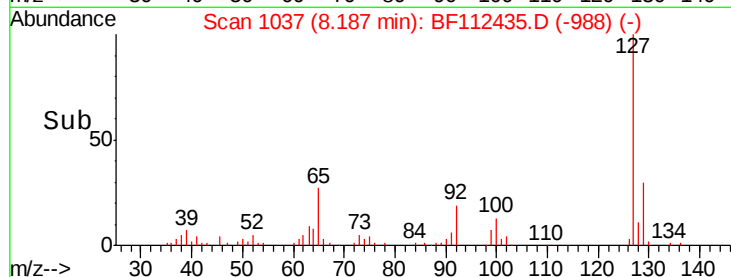
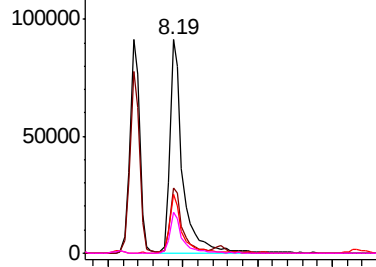
#33
4-Chloroaniline
Concen: 10.507 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:127	Resp:	111601
Ion Ratio	Lower	Upper
127	100	
129	30.4	26.6 39.8
65	27.6	21.4 32.2
92	19.2	14.2 21.2

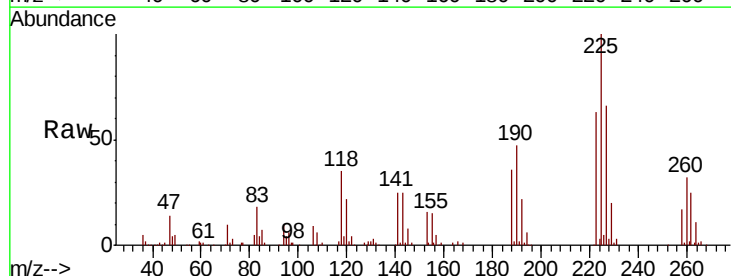


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

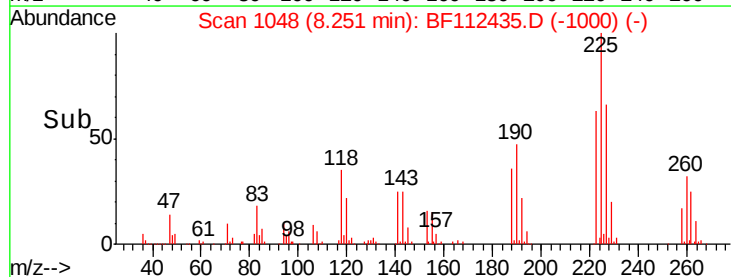
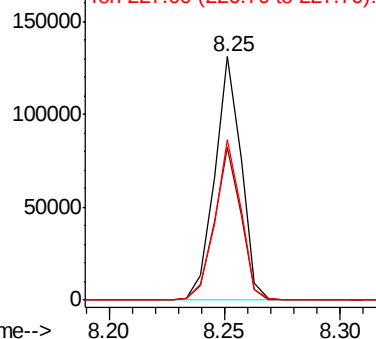


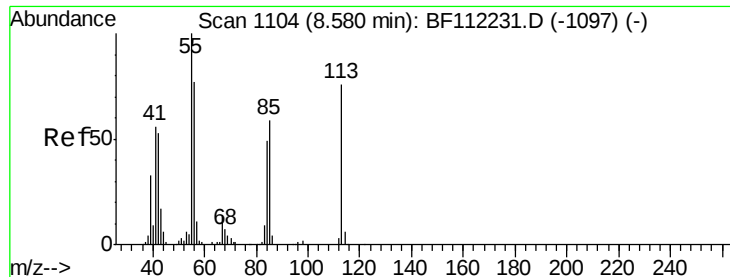
#34
Hexachlorobutadiene
Concen: 20.967 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:225	Resp:	105359
Ion Ratio	Lower	Upper
225	100	
223	63.0	50.3 75.5
227	66.0	51.8 77.8



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: 20.966 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.04 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

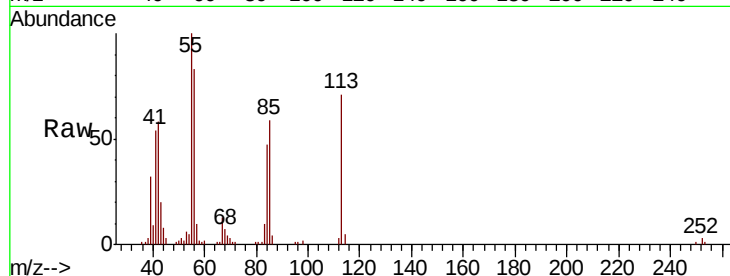
Tot Ion:113 Resp: 55101

Ion Ratio Lower Upper

113 100

55 140.2 121.6 161.6

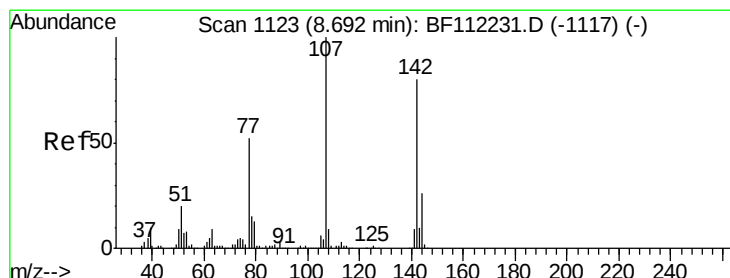
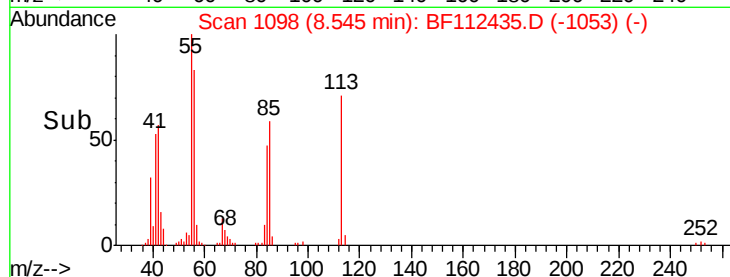
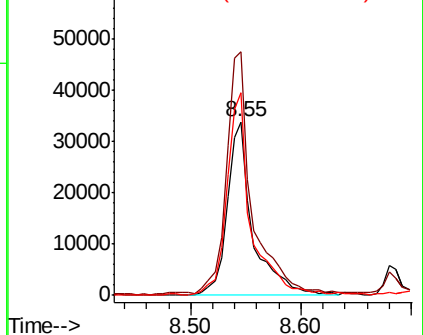
56 116.4 86.7 126.7



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: 22.450 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

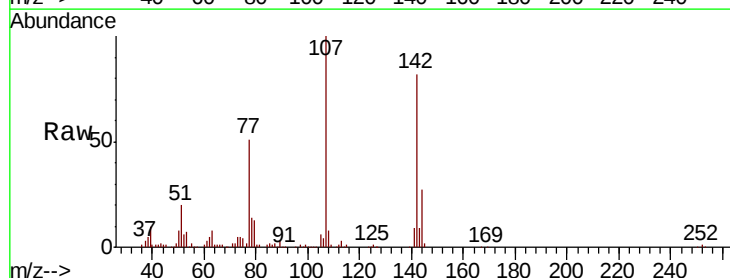
Tgt Ion:107 Resp: 177048

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.2

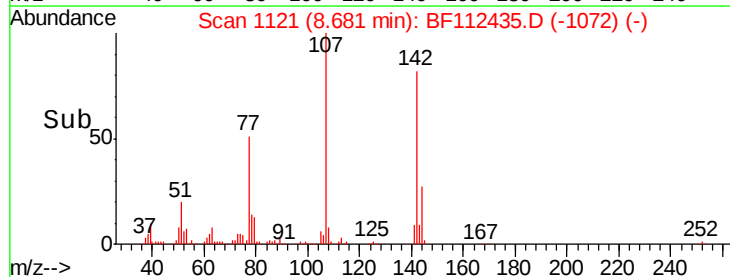
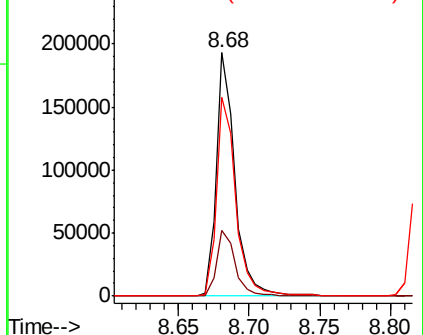
142 81.7 67.7 101.5

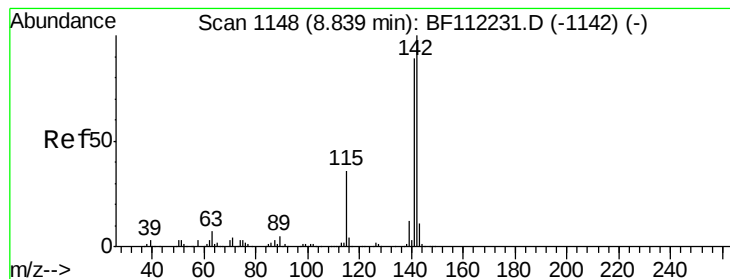


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.805 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

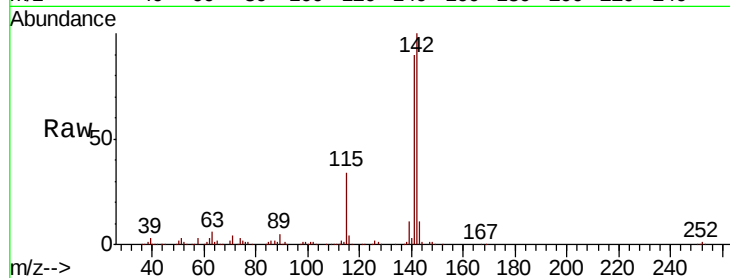
Tot Ion:142 Resp: 430922

Ion Ratio Lower Upper

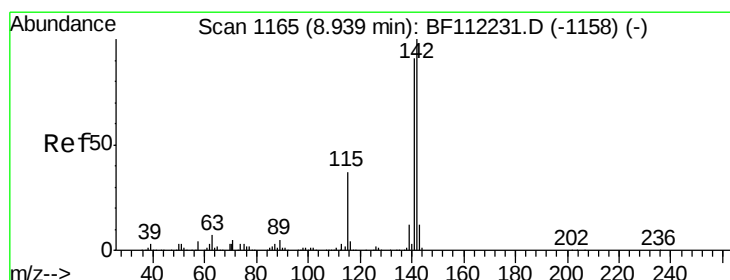
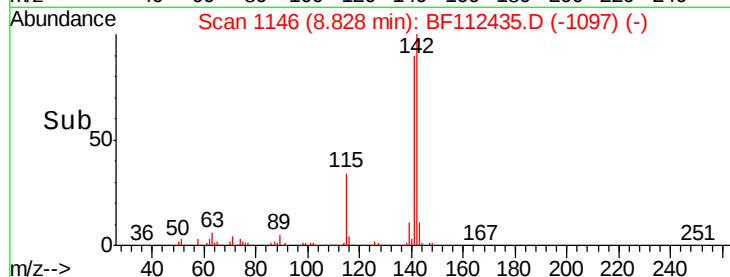
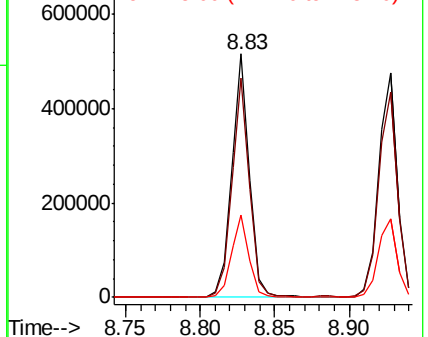
142 100

141 89.9 70.9 106.3

115 33.7 24.9 37.3



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: 25.126 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

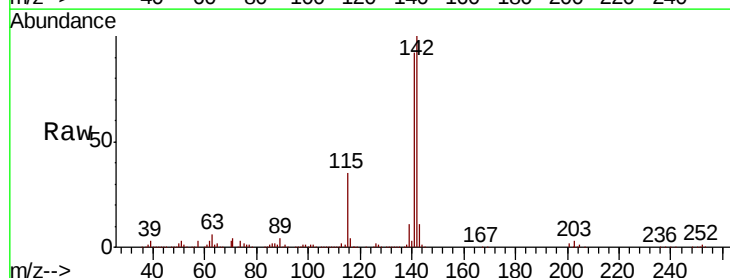
Tgt Ion:142 Resp: 402163

Ion Ratio Lower Upper

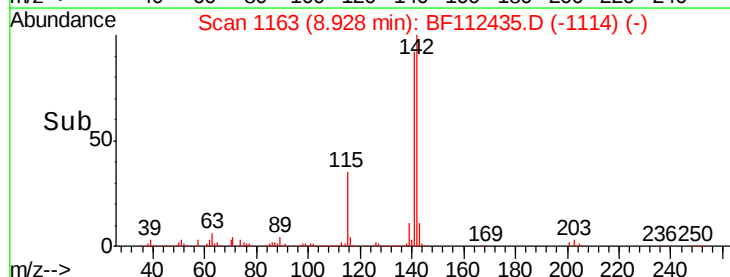
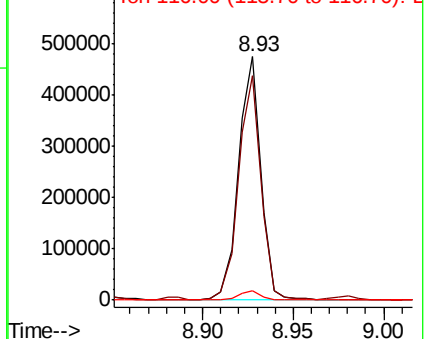
142 100

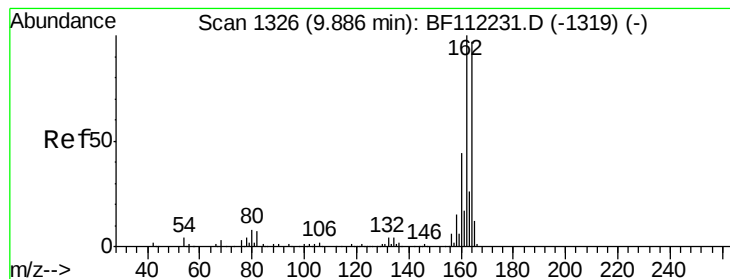
141 91.9 72.6 108.8

116 3.7 2.8 4.2



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

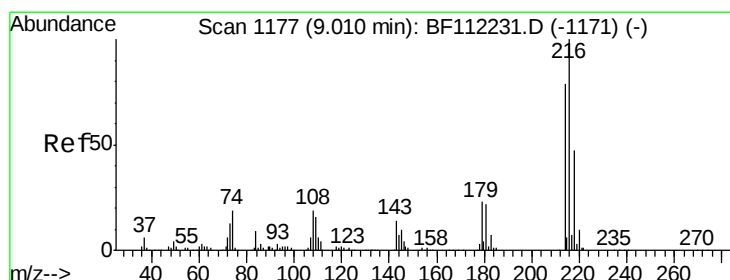
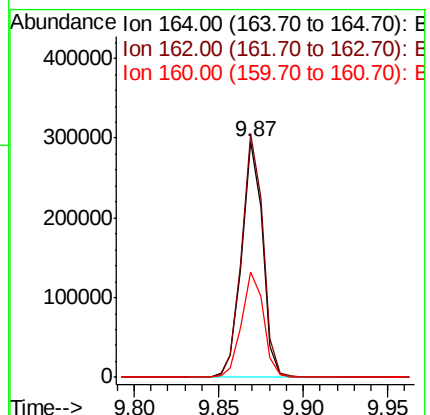
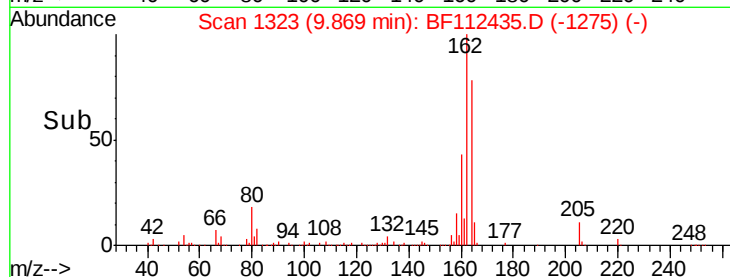
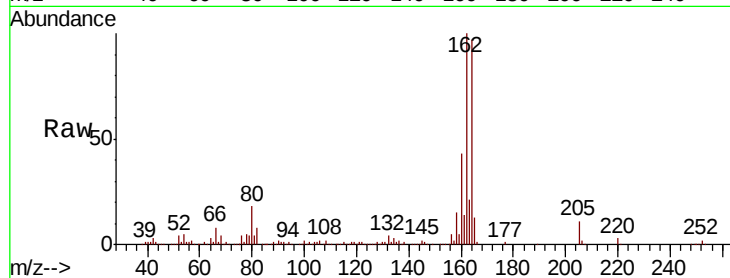
Tot Ion:164 Resp: 254551

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.4

160 44.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.760 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Tgt Ion:216 Resp: 190222

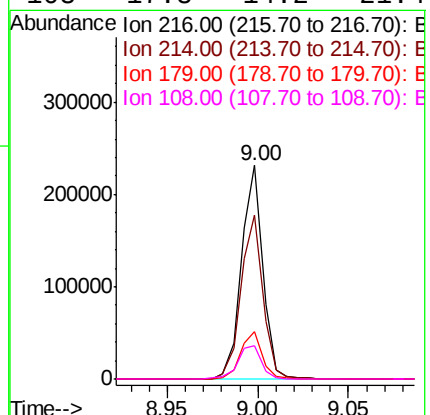
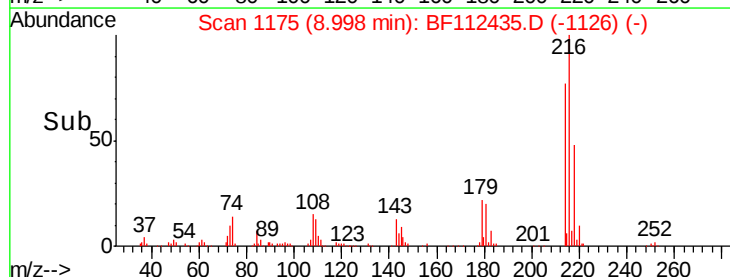
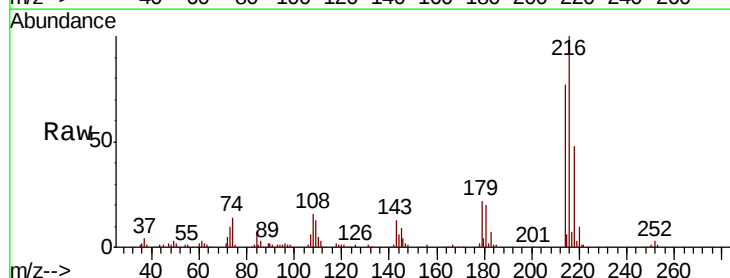
Ion Ratio Lower Upper

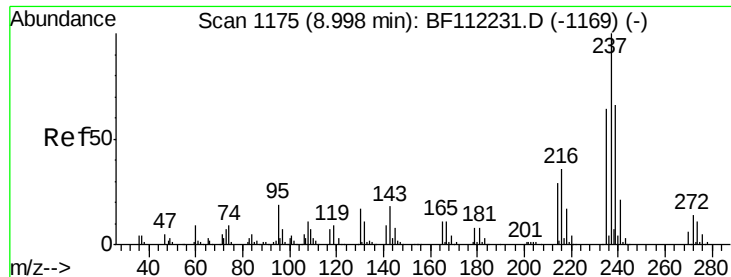
216 100

214 78.8 63.8 95.6

179 22.1 16.9 25.3

108 17.8 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 21.833 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

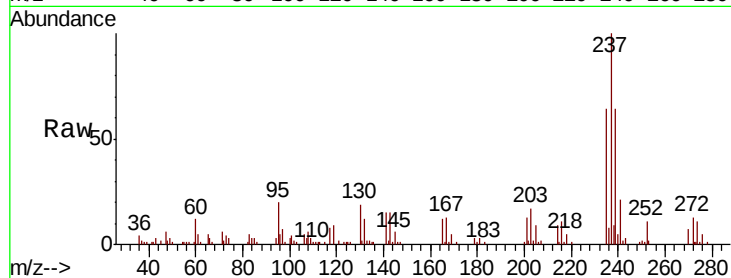
Tot Ion:237 Resp: 44318

Ion Ratio Lower Upper

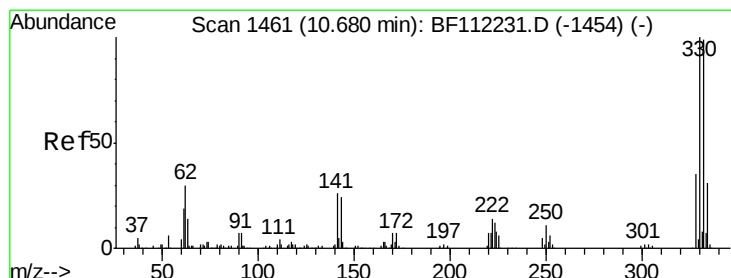
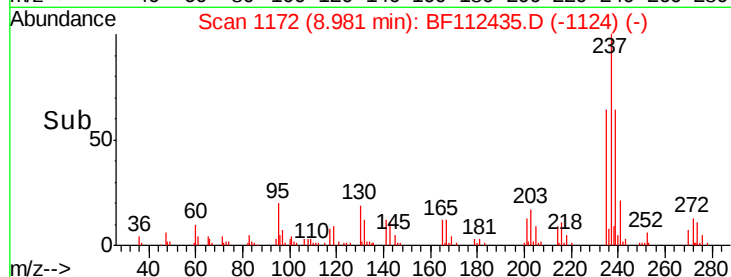
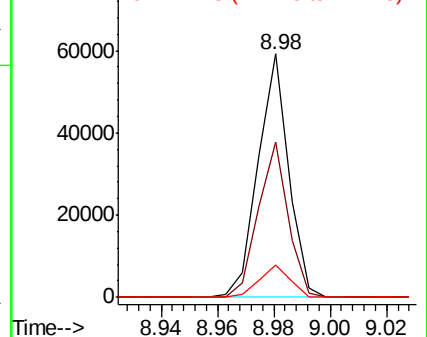
237 100

235 63.5 44.0 84.0

272 13.3 0.0 33.3



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: 67.296 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

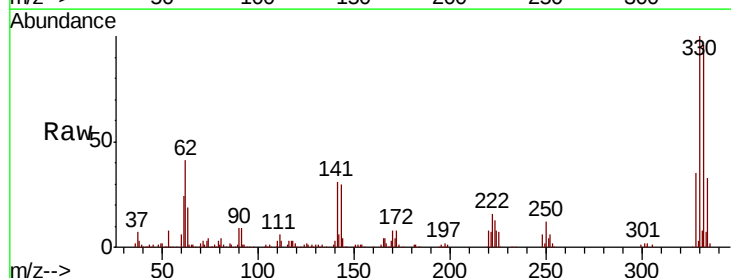
Tgt Ion:330 Resp: 199391

Ion Ratio Lower Upper

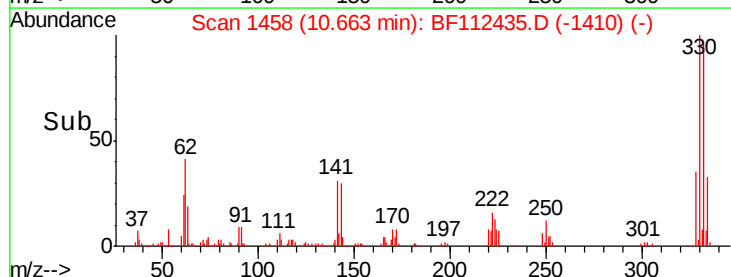
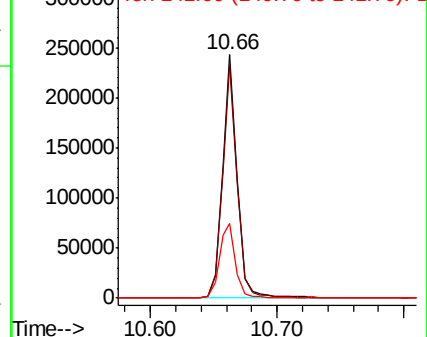
330 100

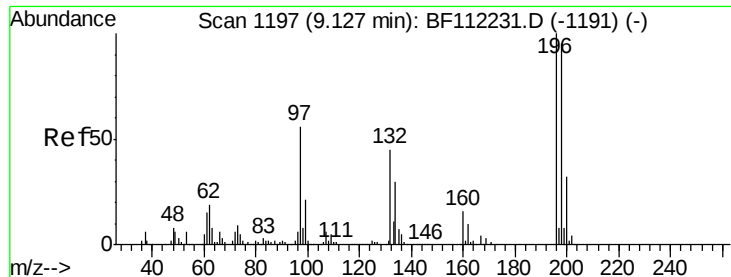
332 95.8 76.6 114.8

141 33.8 24.3 36.5



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

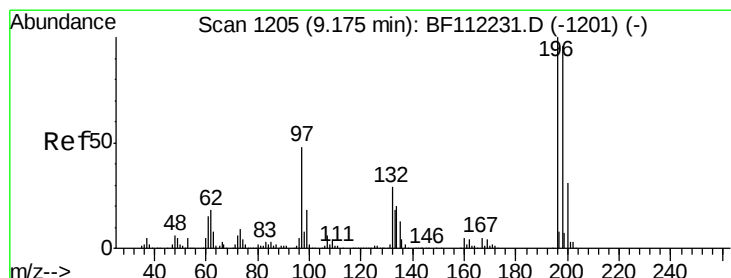
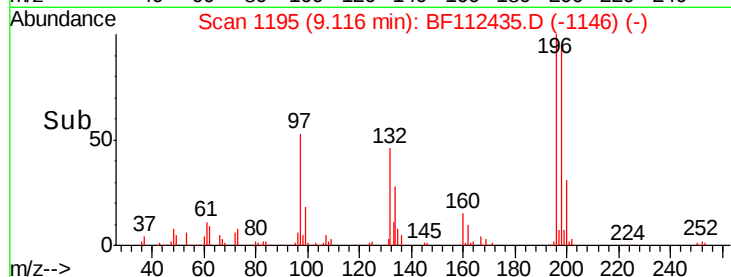
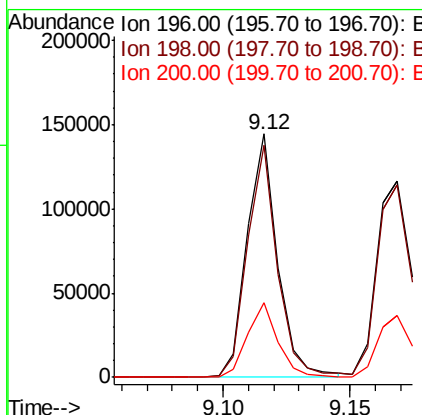
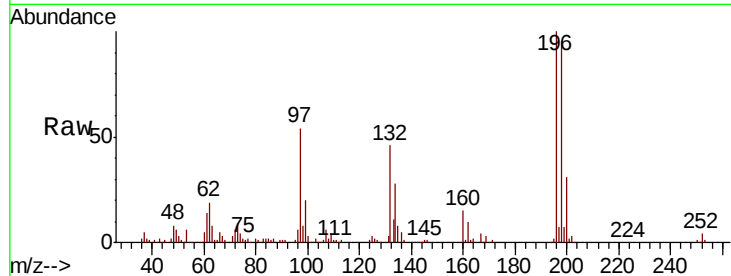




#43
 2,4,6-Trichlorophenol
 Concen: 23.516 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

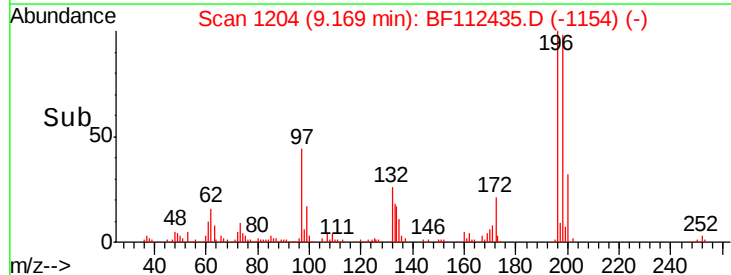
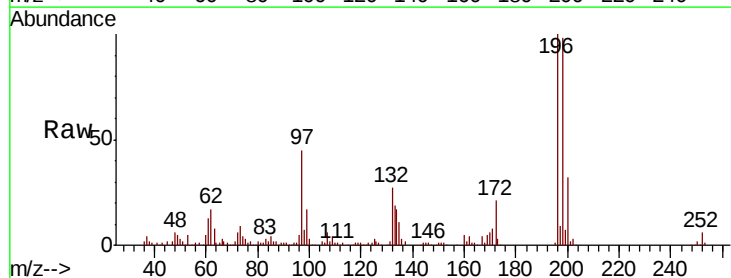
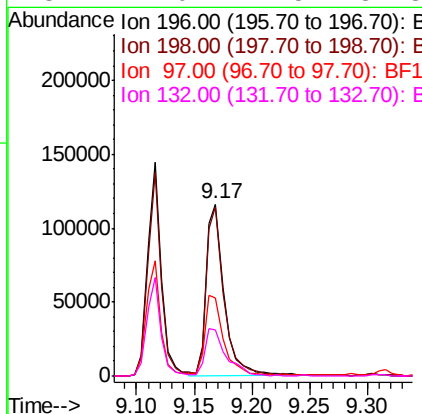
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

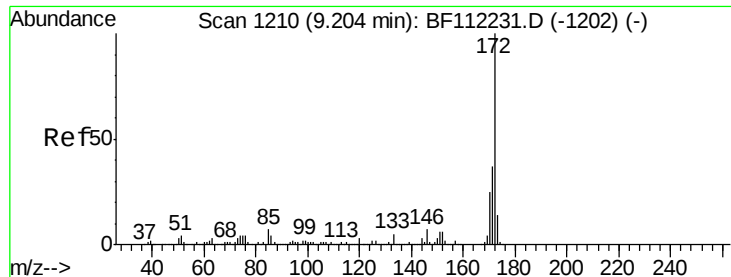
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
200	30.9	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 23.558 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.0	114.0
97	45.3	36.4	54.6
132	27.0	21.5	32.3

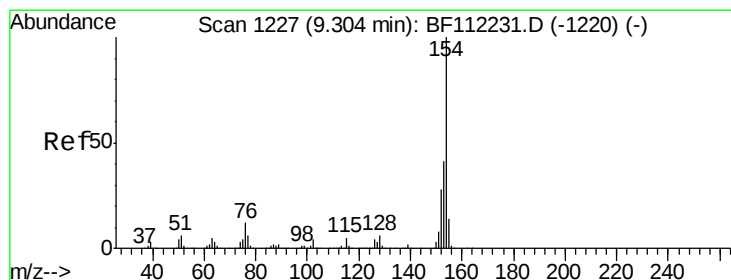
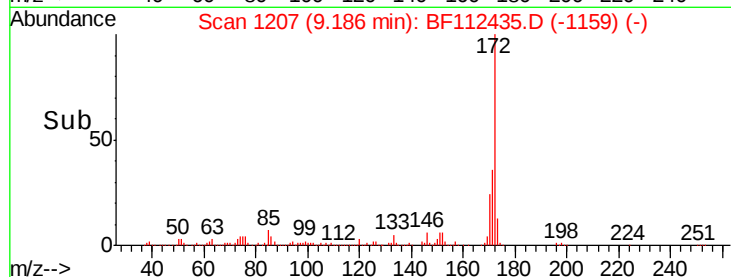
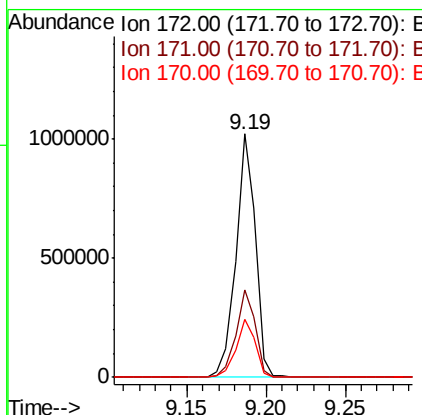
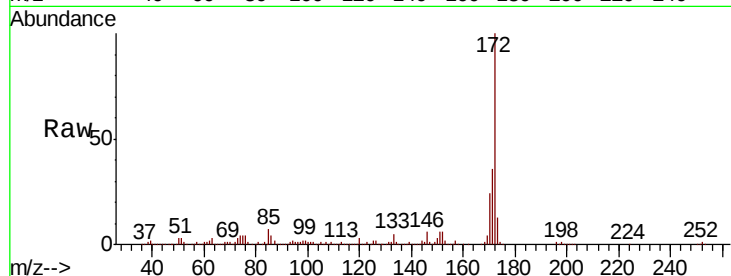




#45
 2-Fluorobiphenyl
 Concen: 48.438 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

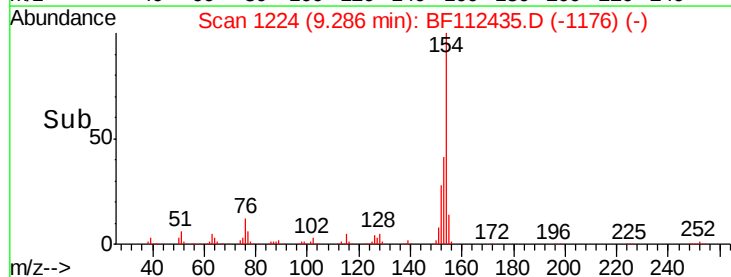
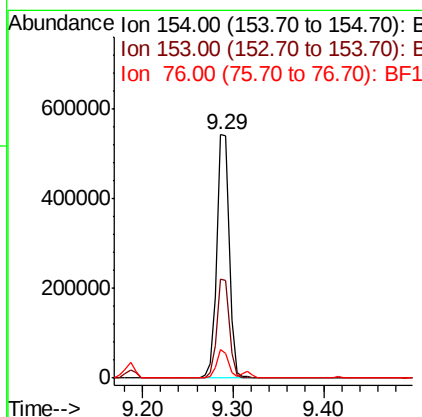
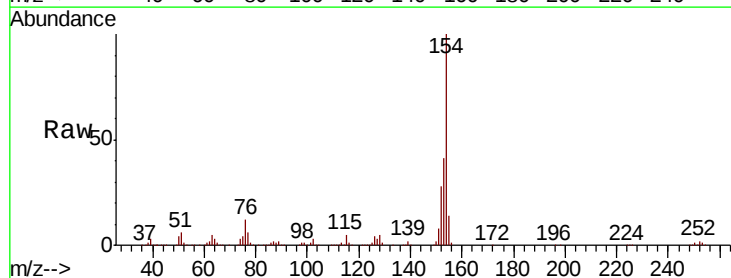
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

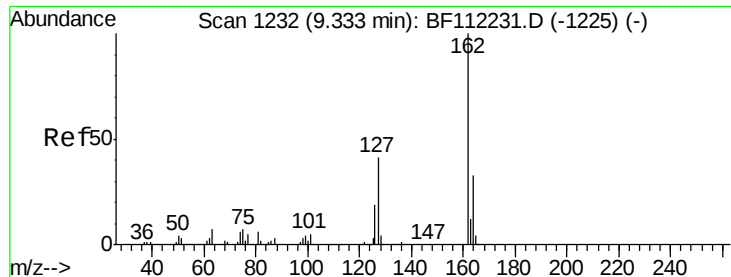
Tot Ion:172 Resp: 871779
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 23.7 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 23.212 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion:154 Resp: 516558
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.5 61.5
 76 11.8 0.0 33.1

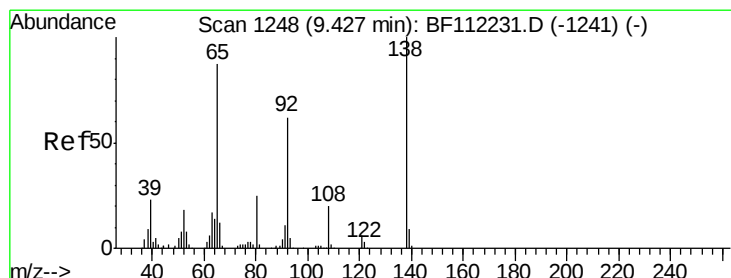
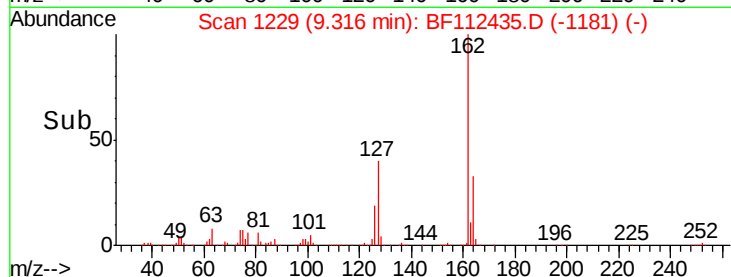
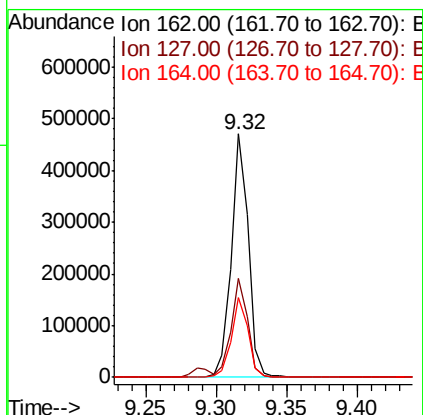
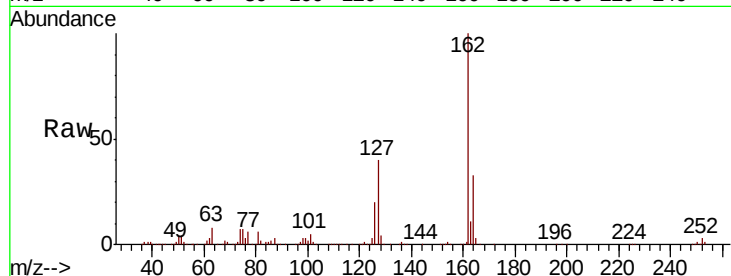




#47
2-Chloronaphthalene
Concen: 22.941 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

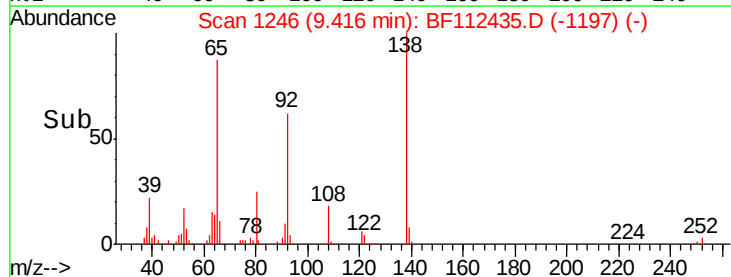
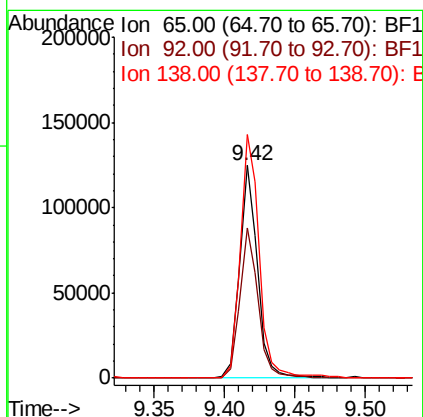
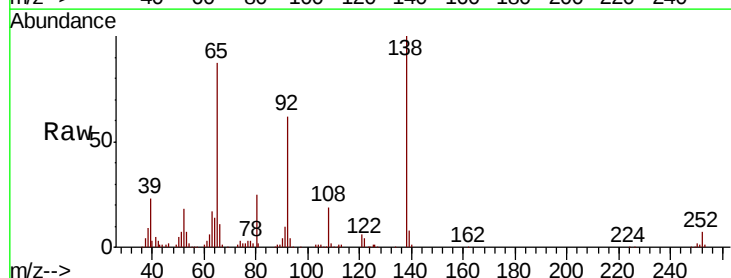
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

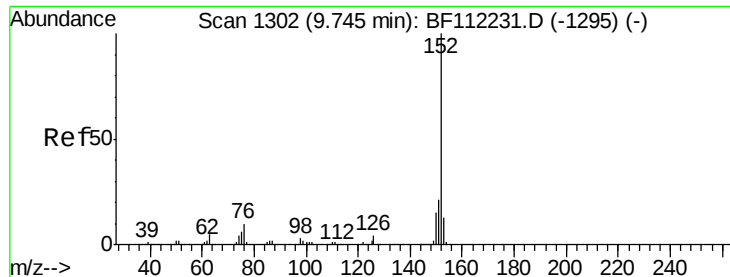
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.4	45.6
164	32.7	27.4	41.2



#48
2-Nitroaniline
Concen: 23.494 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	60.4	90.6
138	114.5	104.4	156.6





#49

Acenaphthylene

Concen: 25.127 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

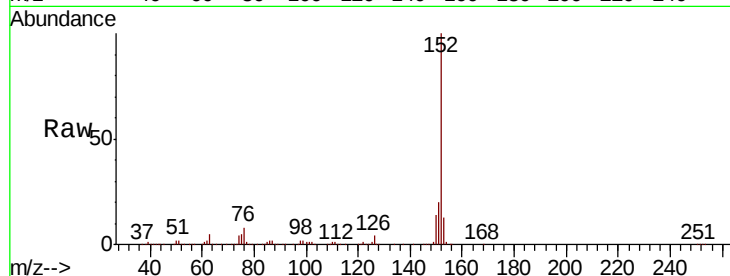
Tot Ion:152 Resp: 635562

Ion Ratio Lower Upper

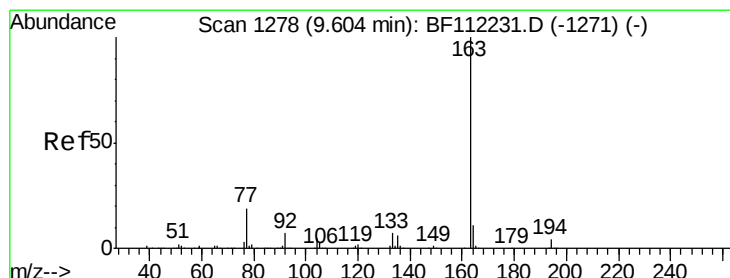
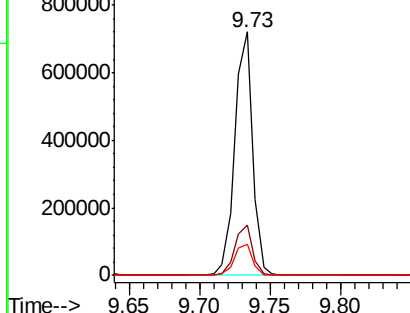
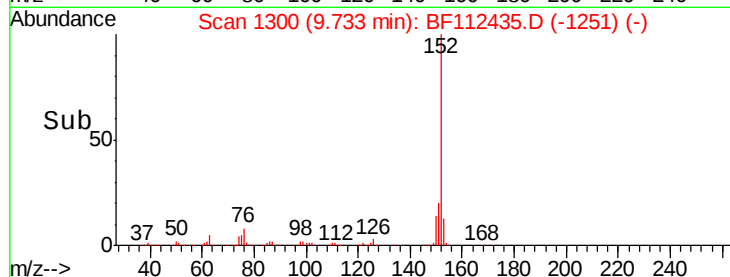
152 100

151 20.4 17.0 25.6

153 12.8 11.2 16.8



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: 25.582 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

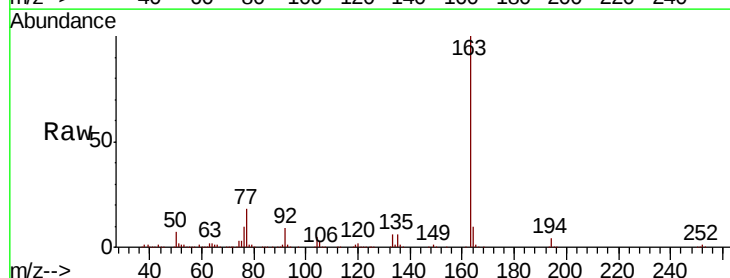
Tgt Ion:163 Resp: 505935

Ion Ratio Lower Upper

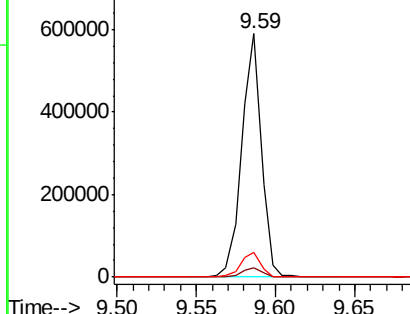
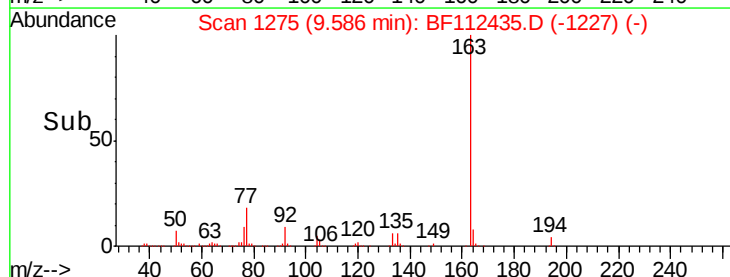
163 100

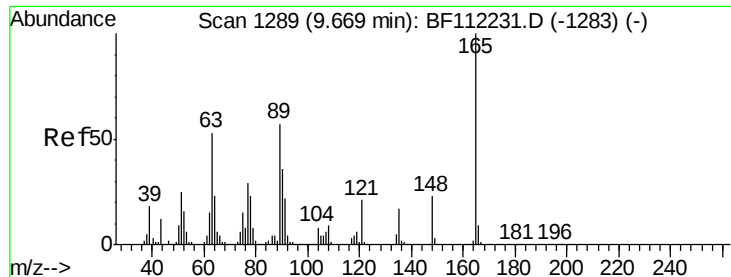
194 3.8 3.3 4.9

164 10.0 8.5 12.7



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

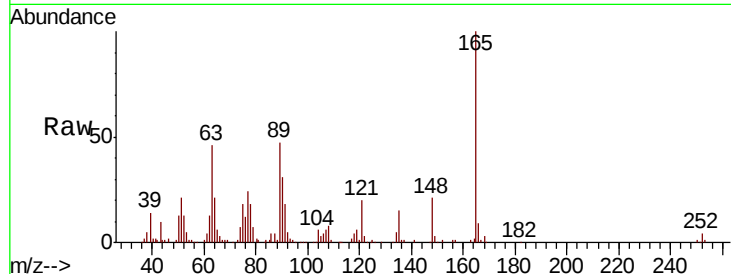




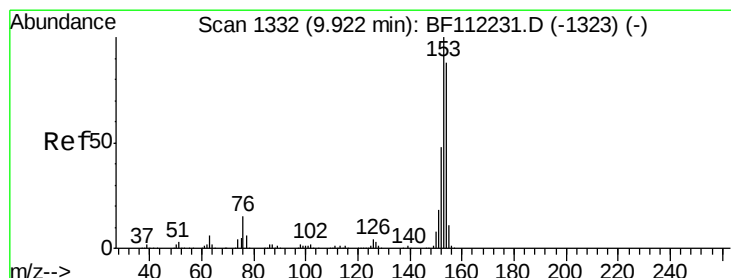
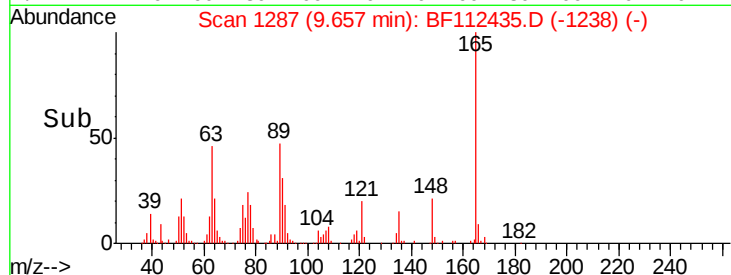
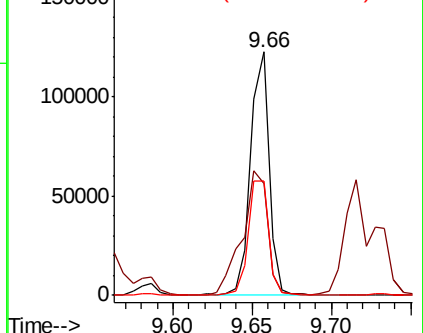
#51
 2,6-Dinitrotoluene
 Concen: 22.700 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	33.8	50.8
89	46.8	36.9	55.3

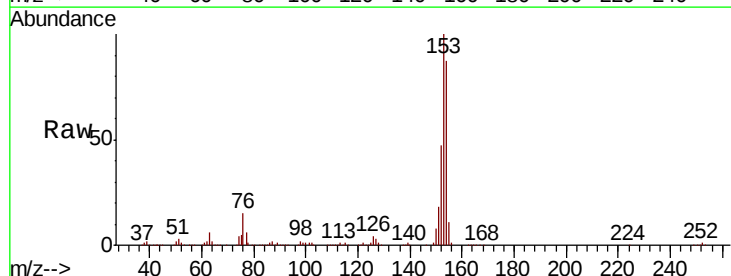


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

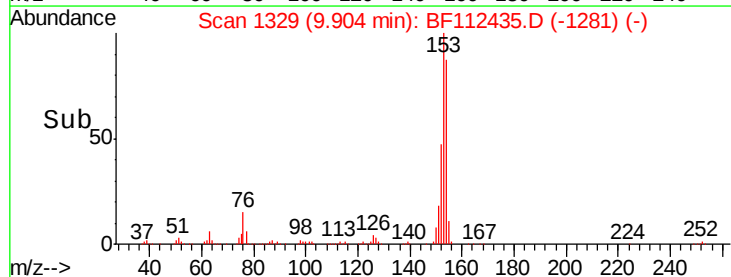
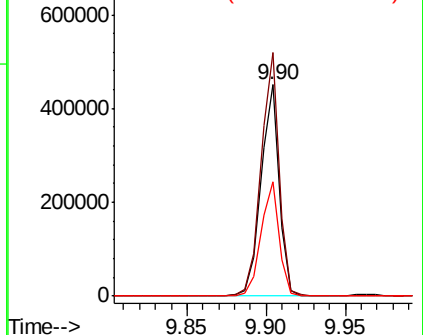


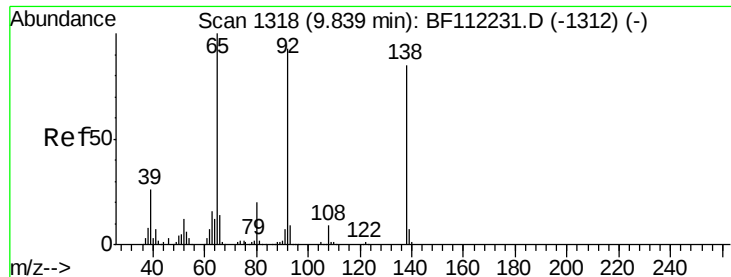
#52
 Acenaphthene
 Concen: 24.101 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.8	134.6
152	54.4	43.5	65.3



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

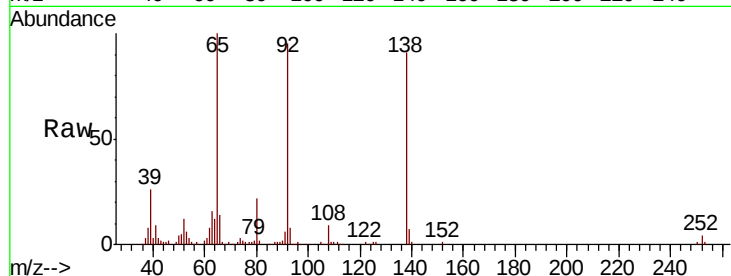




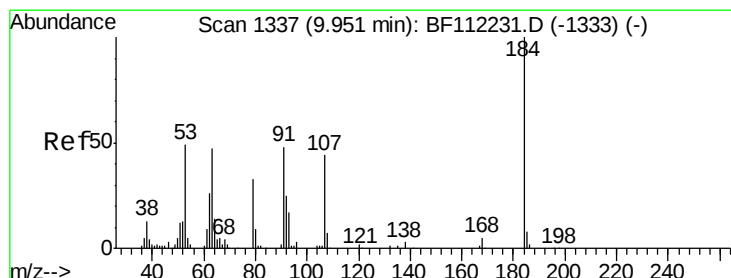
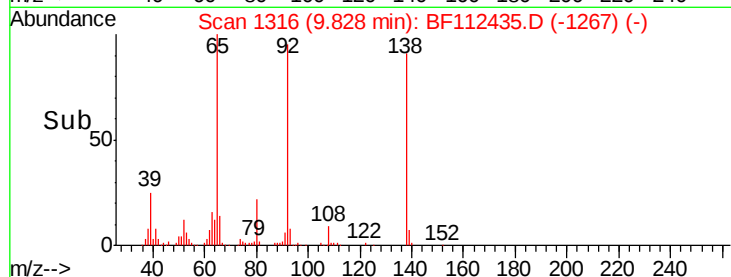
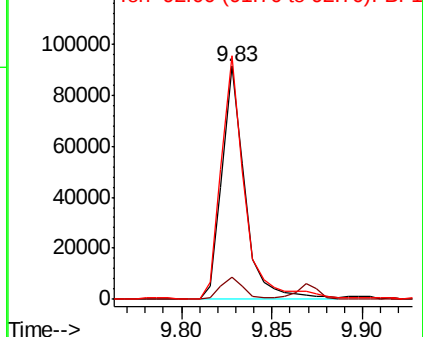
#53
3-Nitroaniline
Concen: 16.822 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:138 Resp: 80724
Ion Ratio Lower Upper
138 100
108 9.5 9.8 14.6#
92 104.4 79.4 119.2

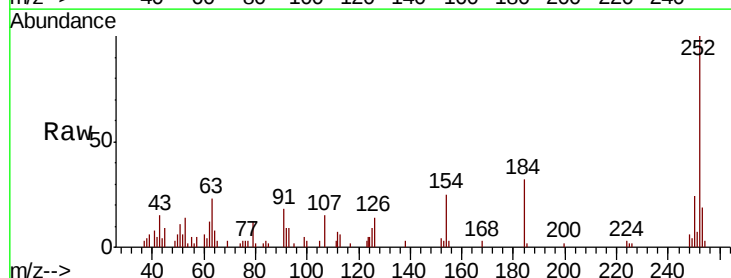


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

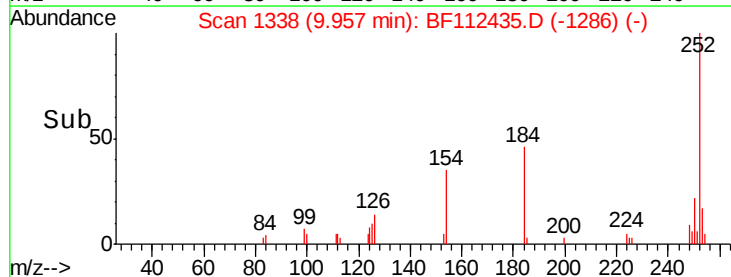
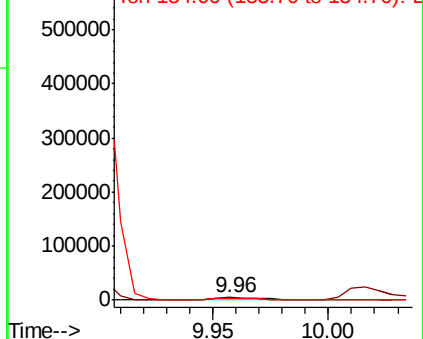


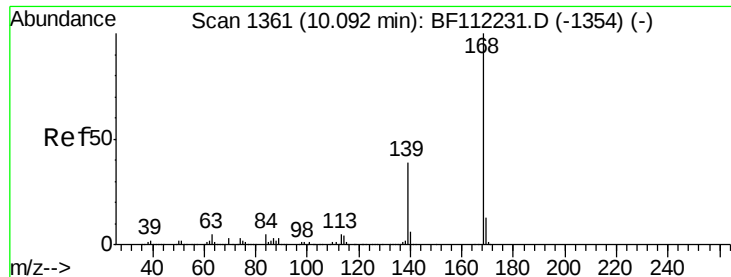
#54
2,4-Dinitrophenol
Concen: 5.338 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:184 Resp: 7588
Ion Ratio Lower Upper
184 100
63 71.4 47.1 70.7#
154 76.5 48.9 73.3#



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

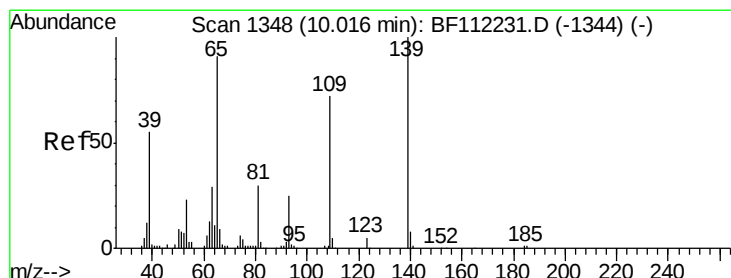
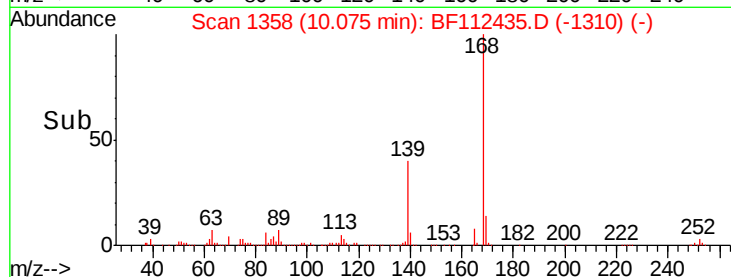
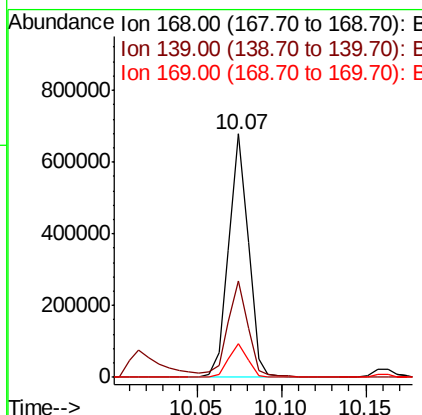
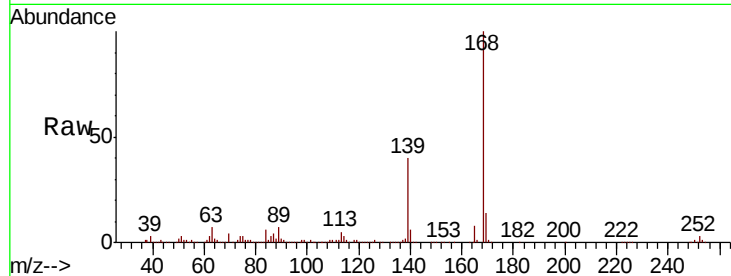




#55
Dibenzofuran
Concen: 23.893 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

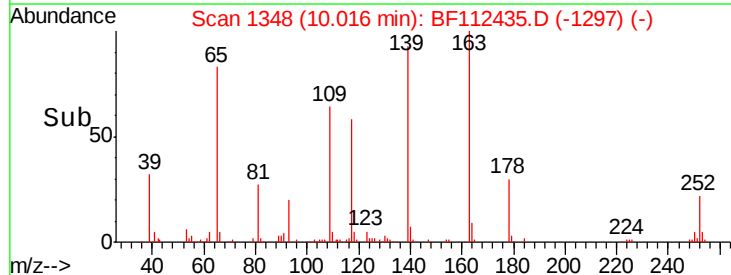
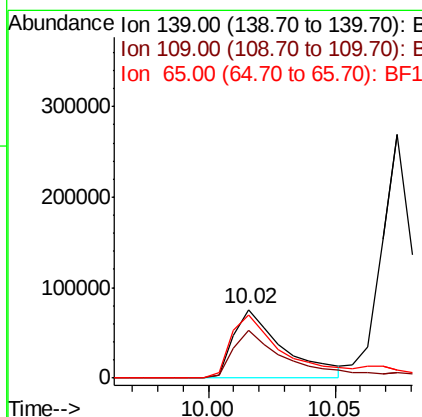
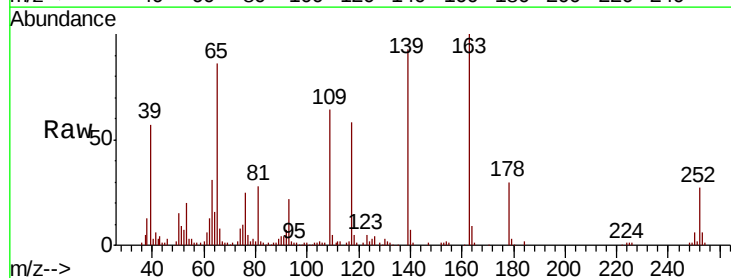
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

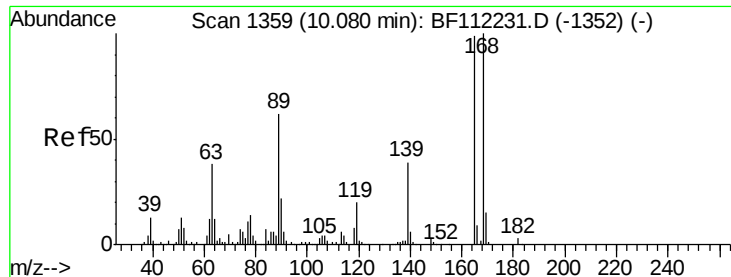
Tot Ion:168 Resp: 551689
Ion Ratio Lower Upper
168 100
139 39.6 29.2 43.8
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 40.636 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:139 Resp: 103095
Ion Ratio Lower Upper
139 100
109 69.0 42.8 82.8
65 92.9 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 23.376 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:165 Resp: 131814

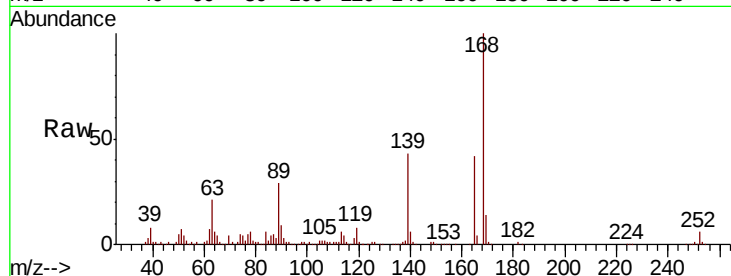
Ion Ratio Lower Upper

165 100

63 49.2 27.9 41.9#

89 68.4 47.9 71.9

182 2.6 2.2 3.4

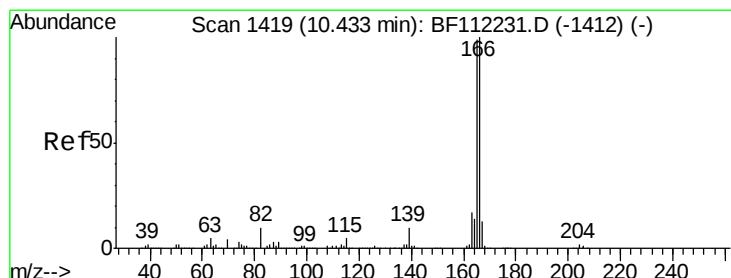
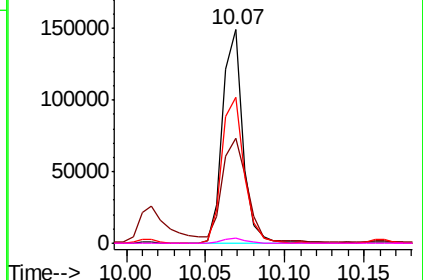
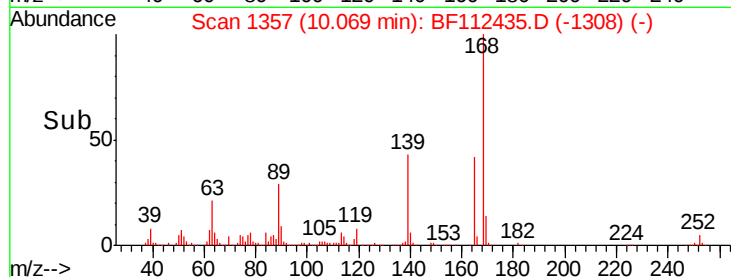


Abundance Ion 165.00 (164.70 to 165.70): E

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: 25.701 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF112435.D

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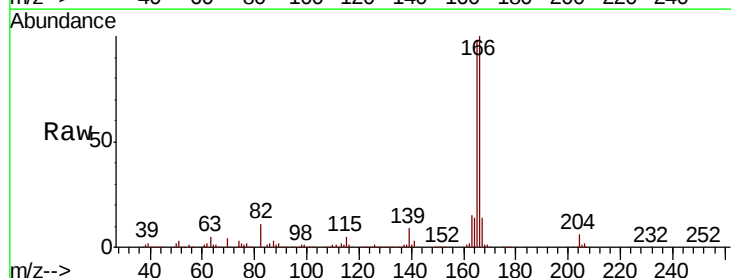
Tgt Ion:166 Resp: 444091

Ion Ratio Lower Upper

166 100

165 98.2 77.1 115.7

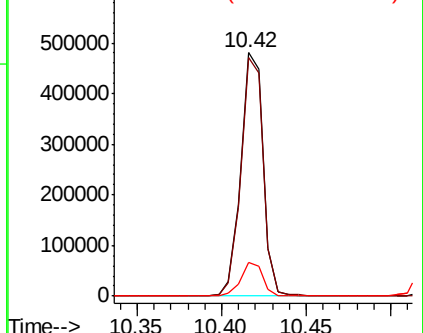
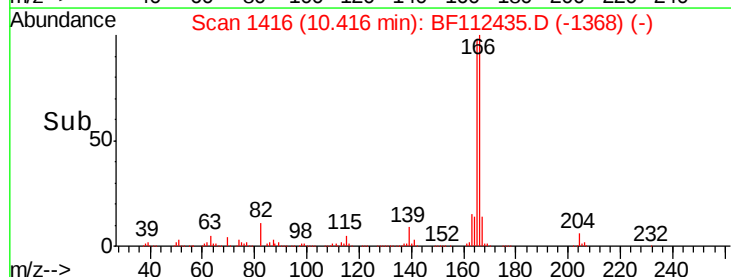
167 14.0 11.3 16.9

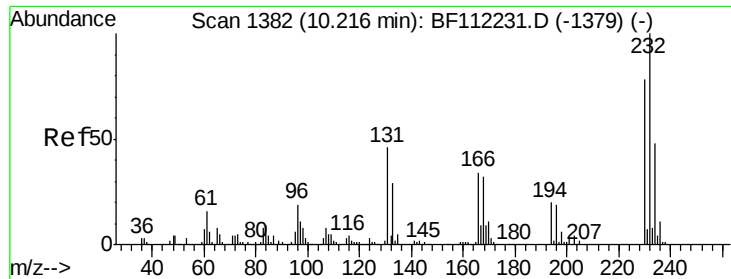


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

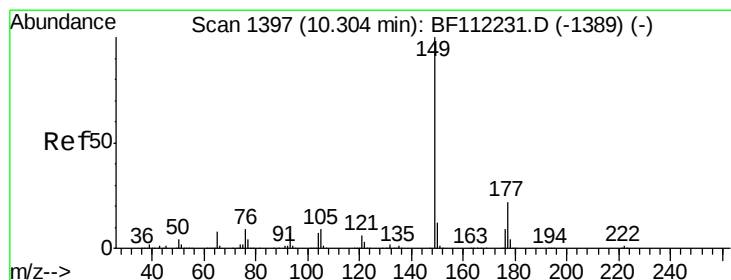
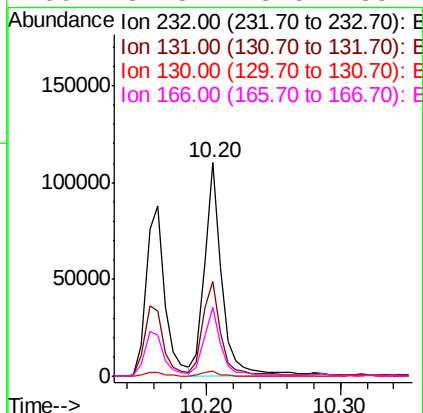
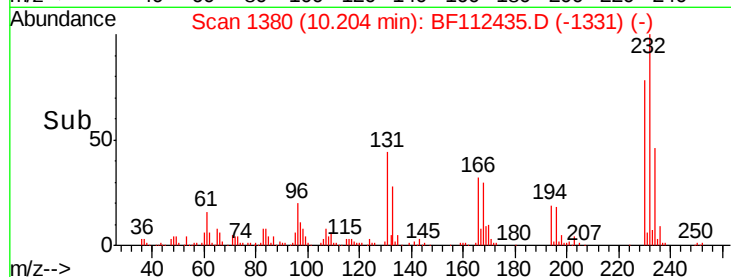
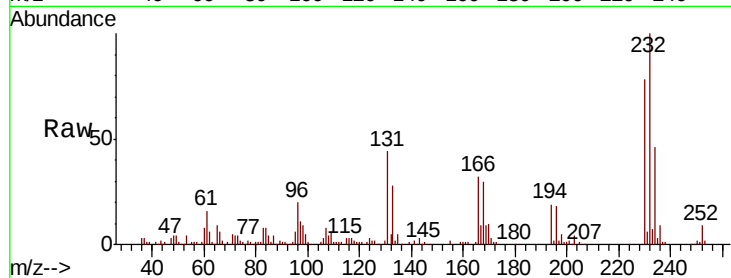




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.164 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

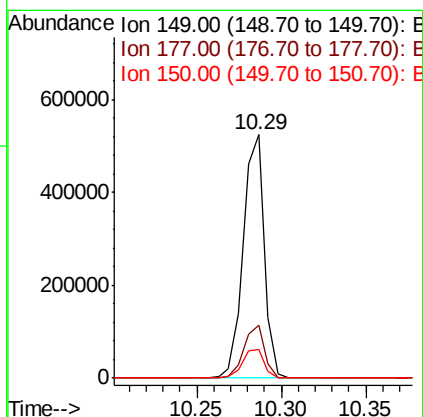
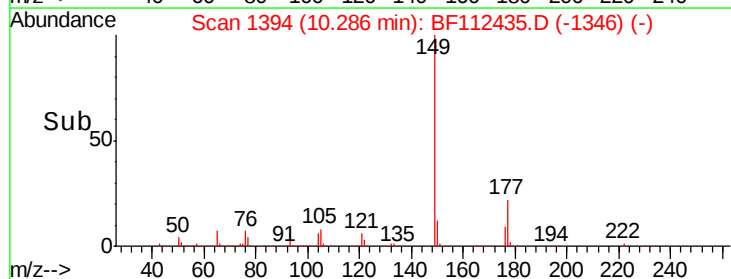
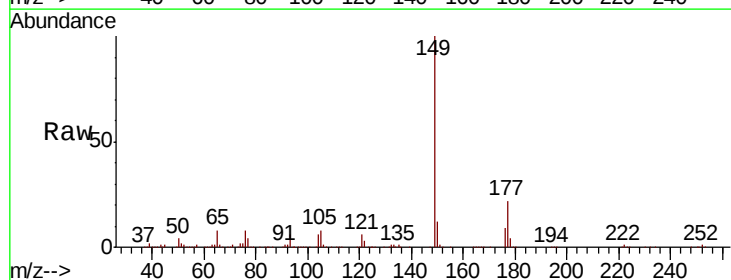
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

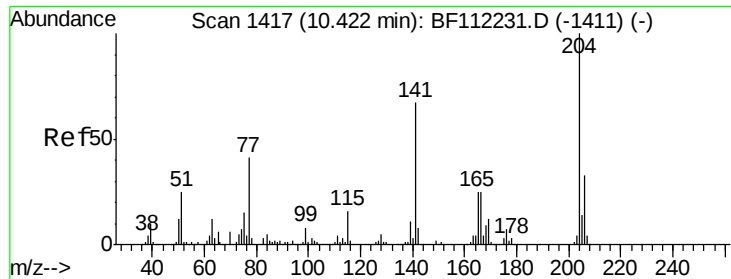
Tot Ion:232 Resp: 98321
Ion Ratio Lower Upper
232 100
131 45.9 33.9 50.9
130 2.5 1.8 2.6
166 31.8 23.6 35.4



#60
Diethylphthalate
Concen: 23.298 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:149 Resp: 457271
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.2
150 11.8 10.4 15.6

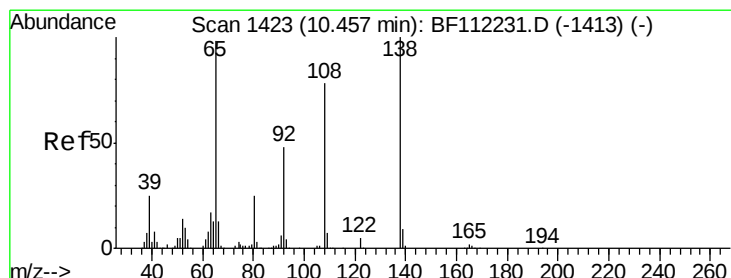
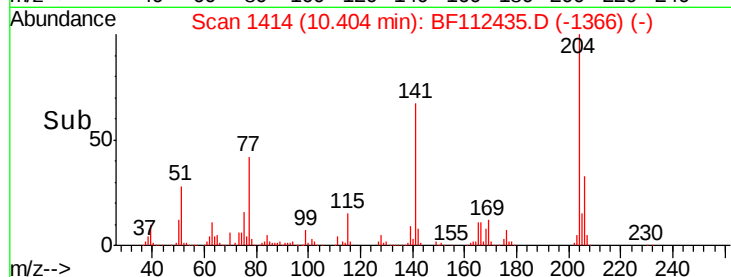
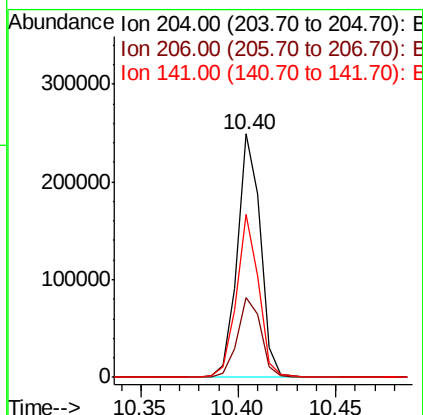
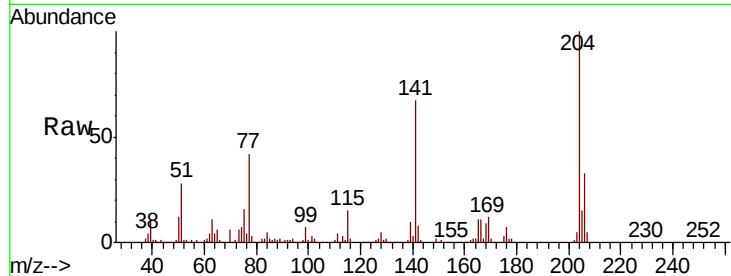




#61
4-Chlorophenyl-phenylether
Concen: 21.670 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

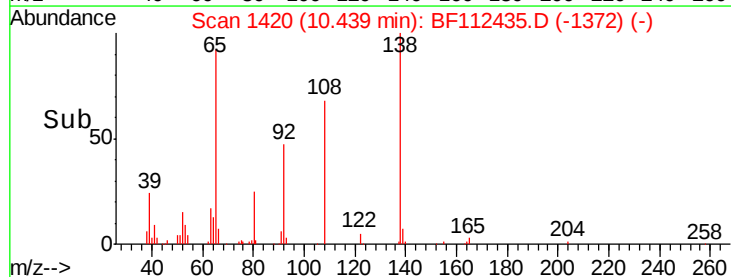
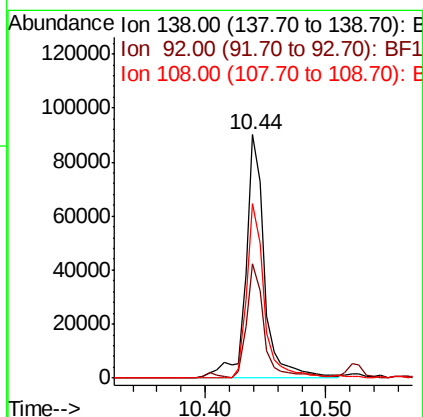
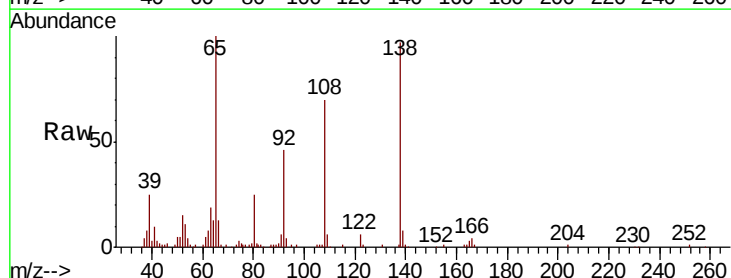
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

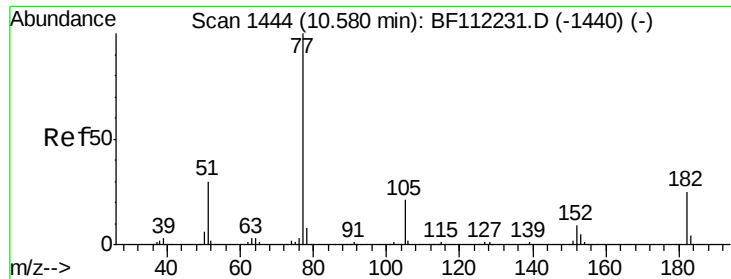
Tot Ion:204 Resp: 203682
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 67.0 45.9 68.9



#62
4-Nitroaniline
Concen: 20.907 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:138 Resp: 98403
Ion Ratio Lower Upper
138 100
92 47.2 30.6 70.6
108 71.8 50.0 90.0

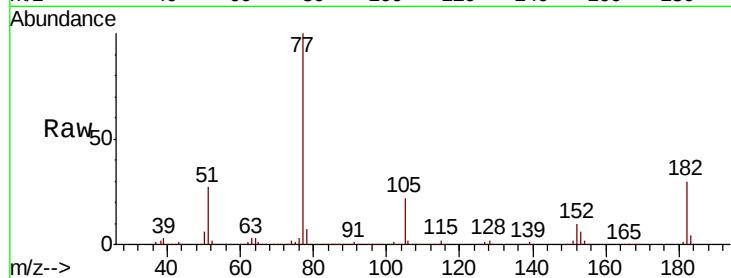




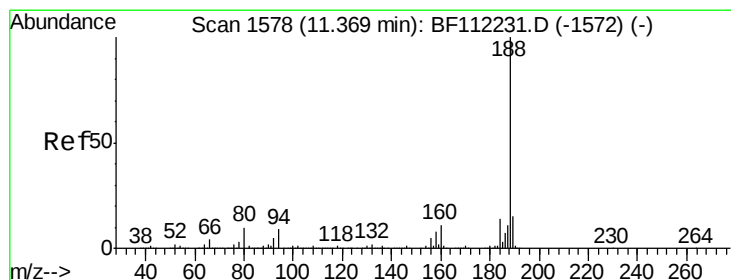
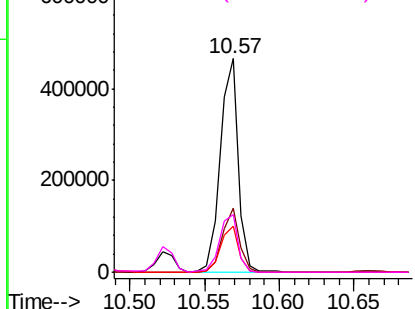
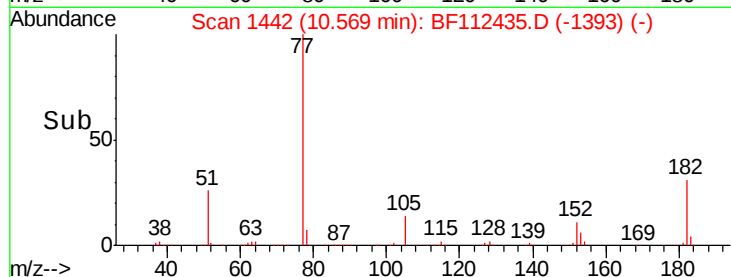
#63
Azobenzene
Concen: 22.750 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion: 77 Resp: 392692
Ion Ratio Lower Upper
77 100
182 29.8 5.7 45.7
105 21.5 1.4 41.4
51 27.1 9.5 49.5

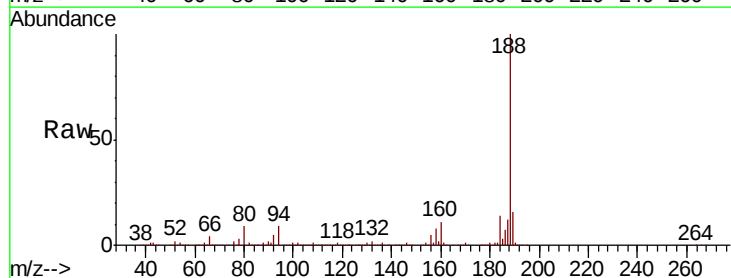


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

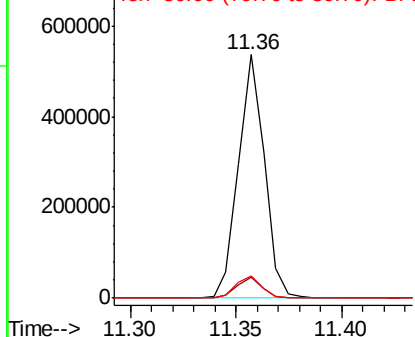
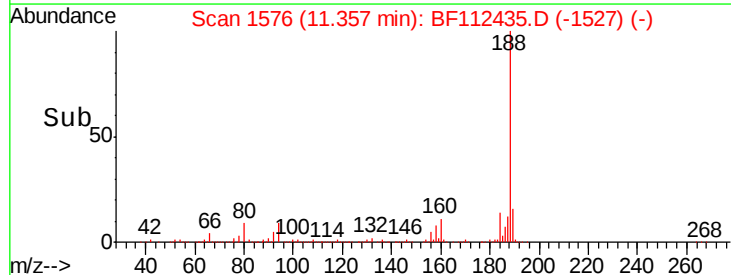


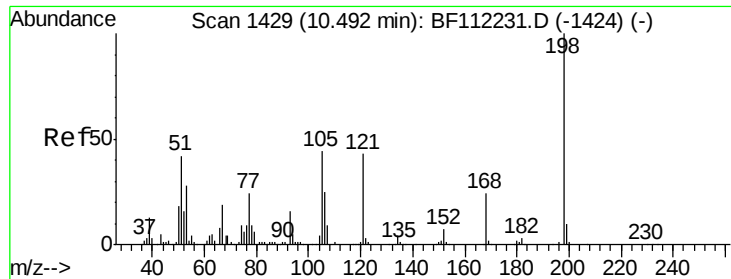
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion: 188 Resp: 457771
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.2 8.9 13.3



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

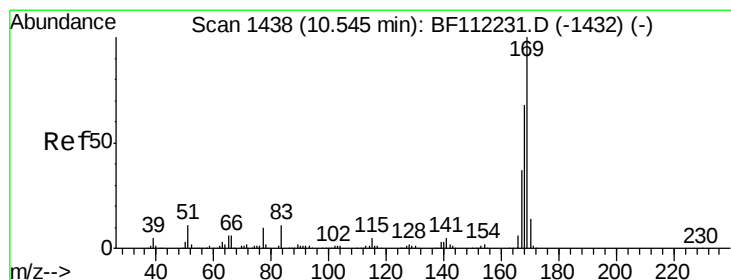
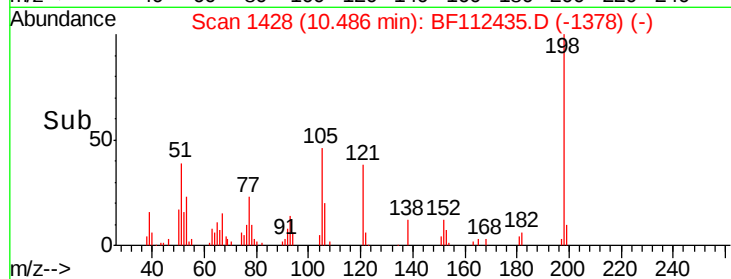
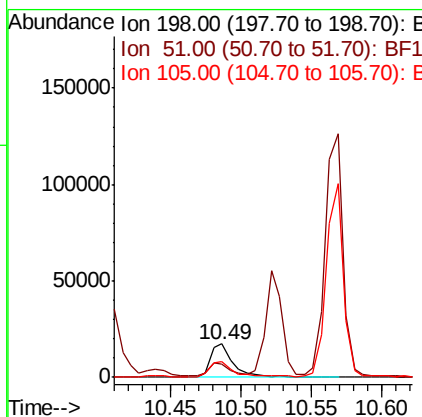
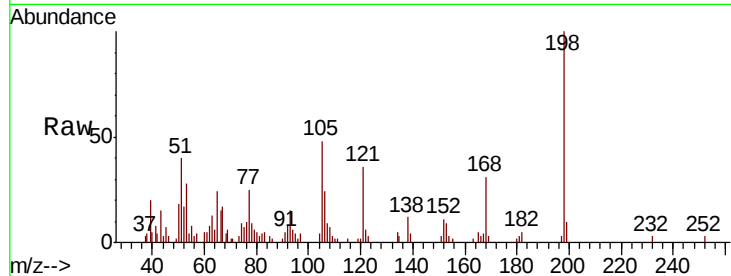




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.730 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

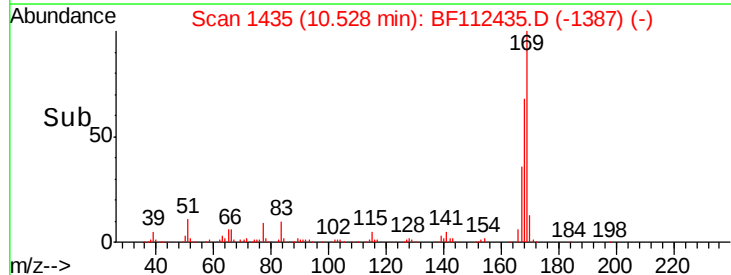
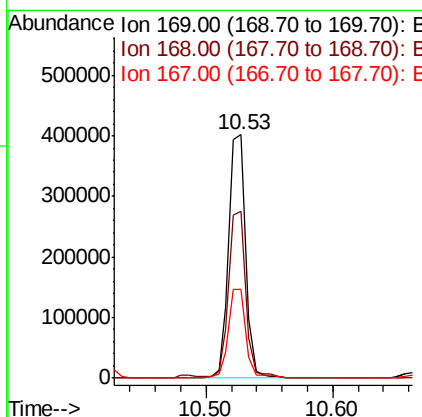
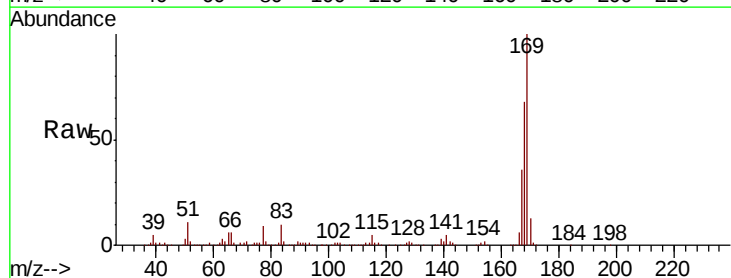
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

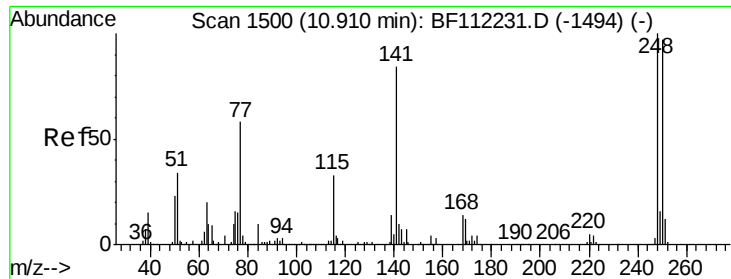
Tot Ion	198	Resp	19839
Ion Ratio	Lower	Upper	
198	100		
51	40.0	17.2	57.2
105	48.5	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 23.968 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	169	Resp	369780
Ion Ratio	Lower	Upper	
169	100		
168	68.5	53.9	80.9
167	36.4	28.9	43.3

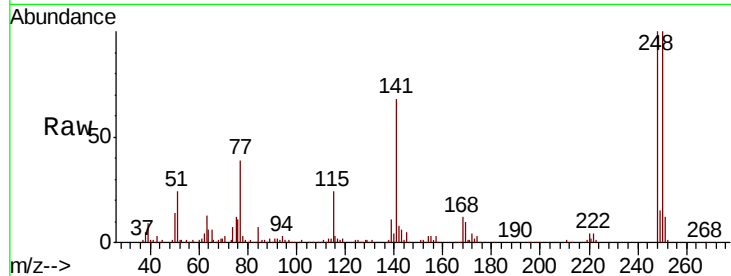




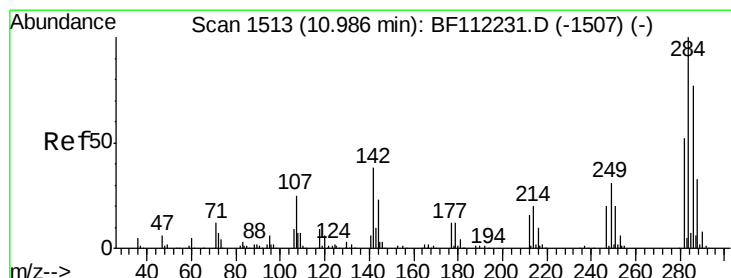
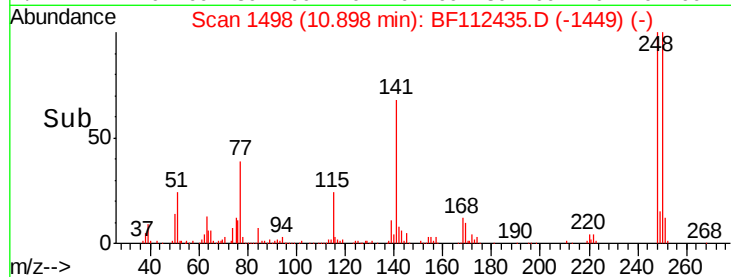
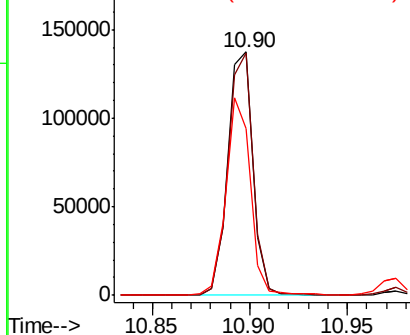
#67
 4-Bromophenyl-phenylether
 Concen: 22.961 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:	248	Resp:	123622
Ion Ratio	Lower	Upper	
248	100		
250	99.8	79.7	119.5
141	68.5	60.3	90.5

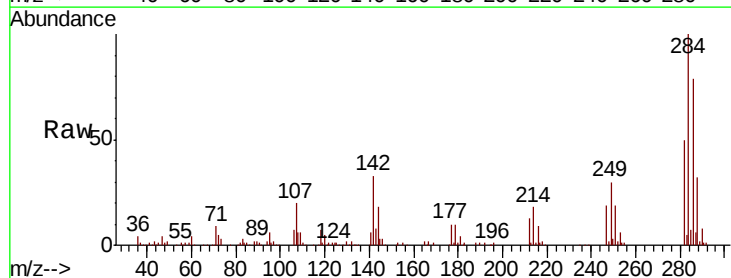


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

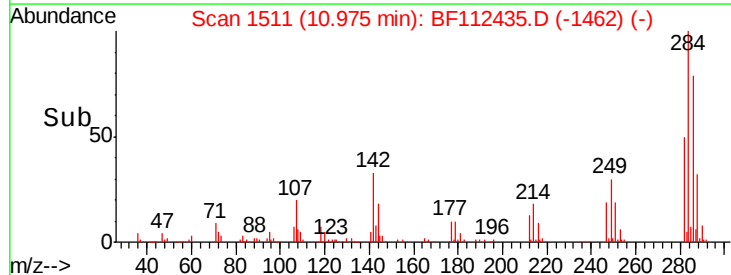
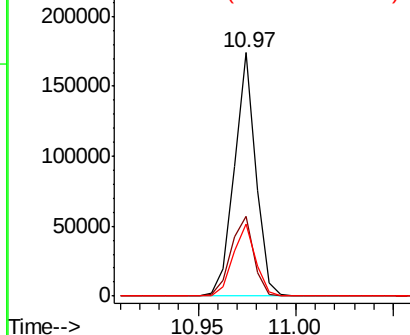


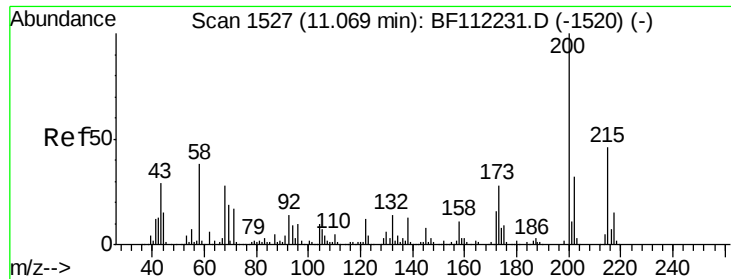
#68
 Hexachlorobenzene
 Concen: 22.968 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion:	284	Resp:	132673
Ion Ratio	Lower	Upper	
284	100		
142	33.0	27.6	41.4
249	29.7	24.1	36.1



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





#69

Atrazine

Concen: 23.703 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

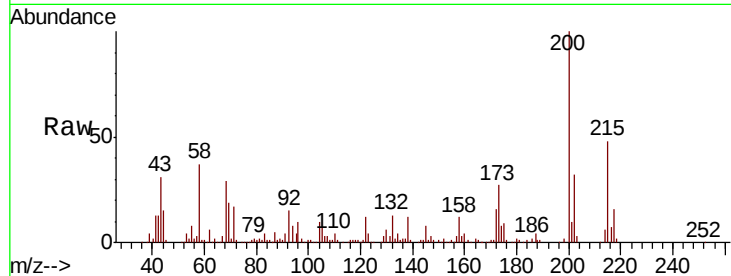
Tot Ion:200 Resp: 117999

Ion Ratio Lower Upper

200 100

173 26.7 7.1 47.1

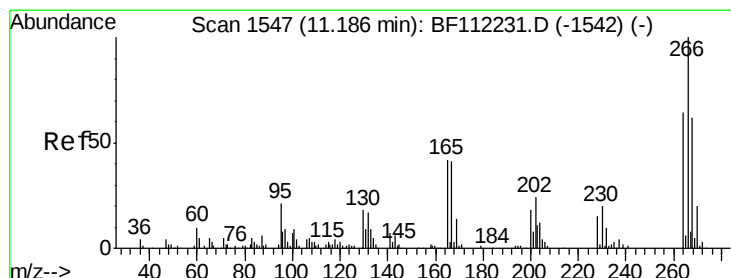
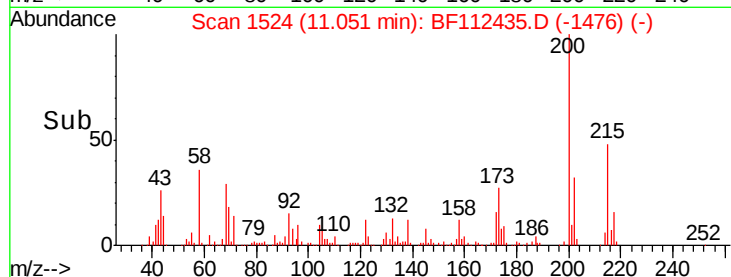
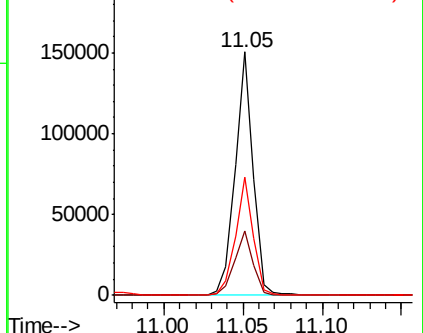
215 48.5 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.915 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

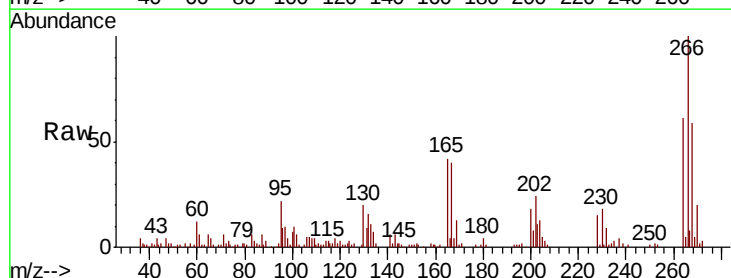
Tgt Ion:266 Resp: 87468

Ion Ratio Lower Upper

266 100

268 59.2 51.2 76.8

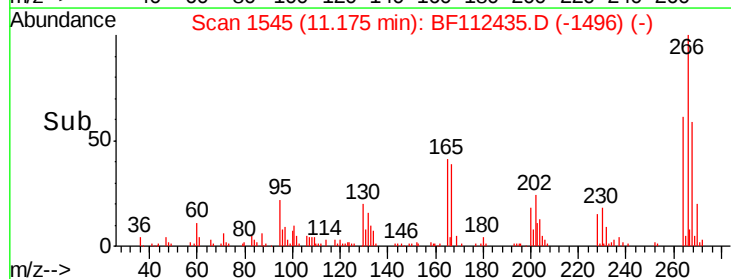
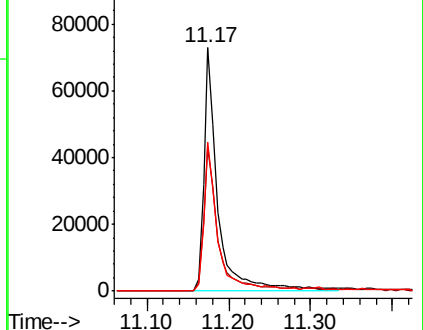
264 61.3 50.9 76.3

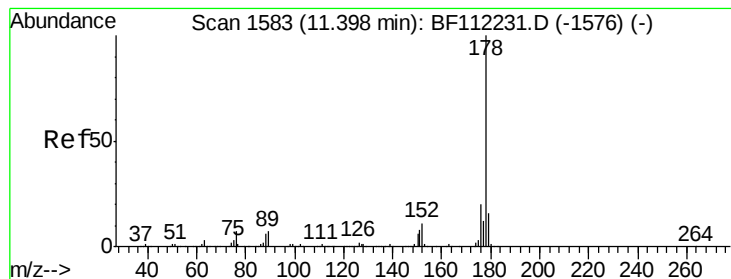


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 29.547 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

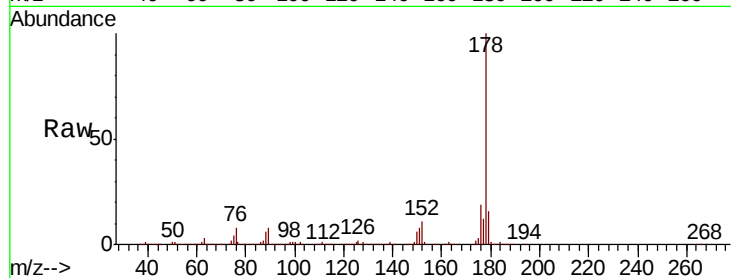
Tot Ion:178 Resp: 703190

Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

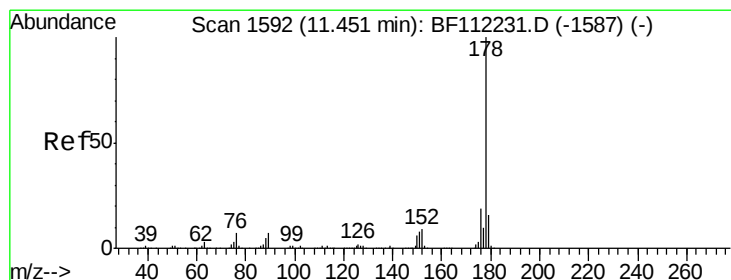
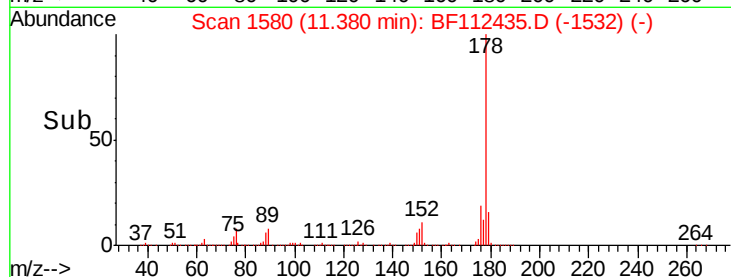
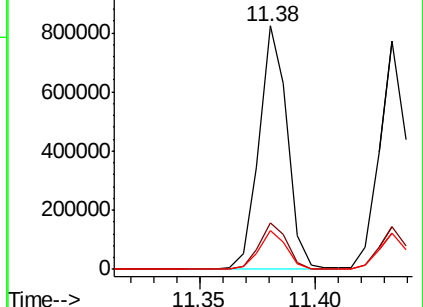
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 26.905 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

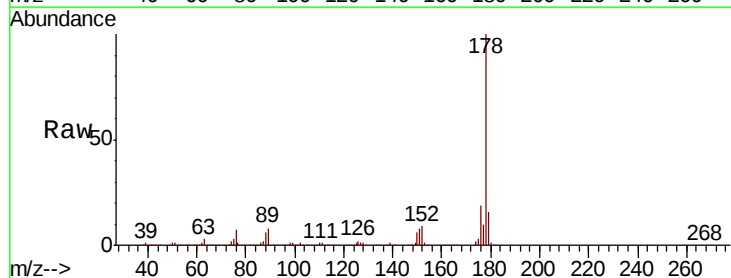
Tgt Ion:178 Resp: 637827

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

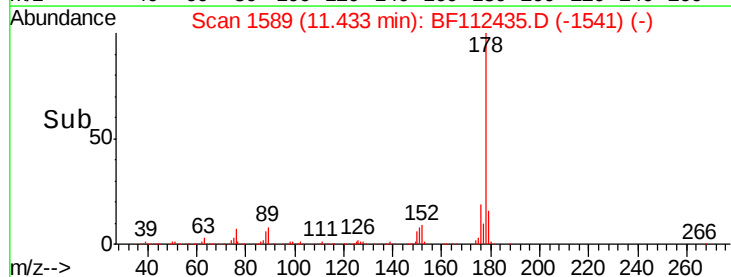
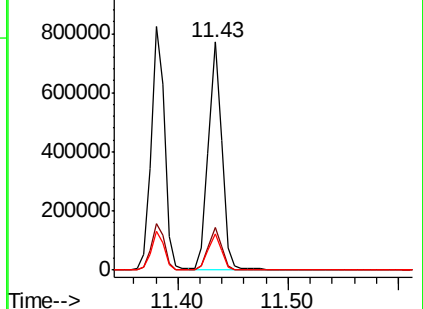
179 15.8 12.8 19.2

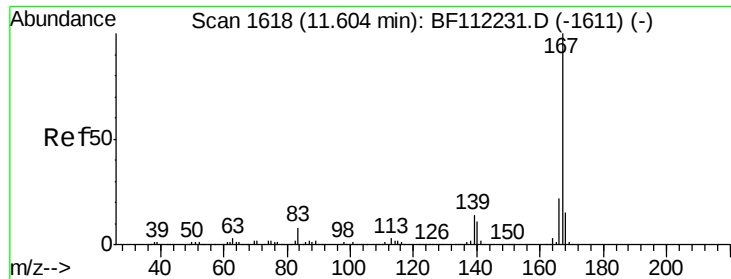


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

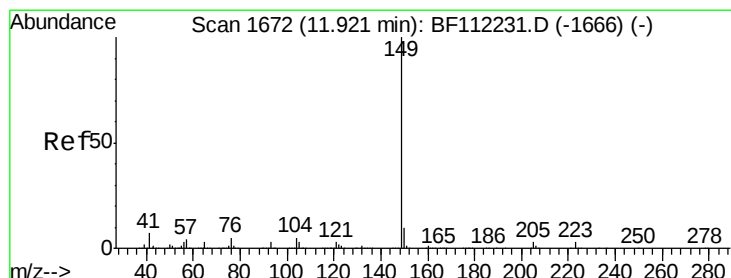
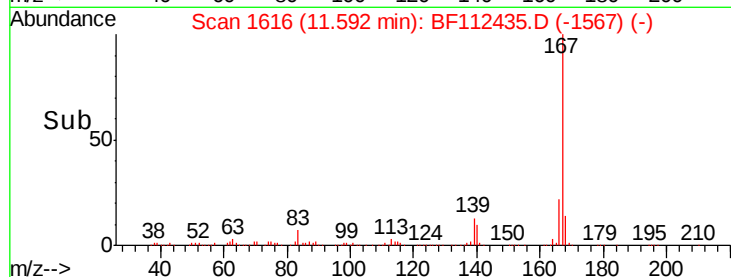
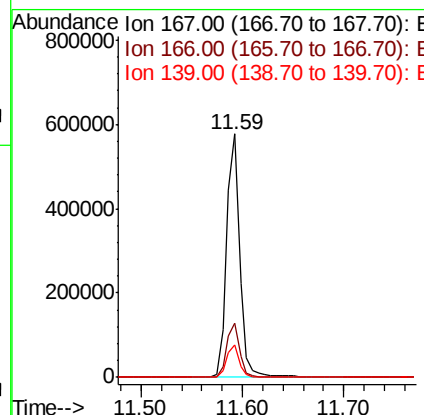
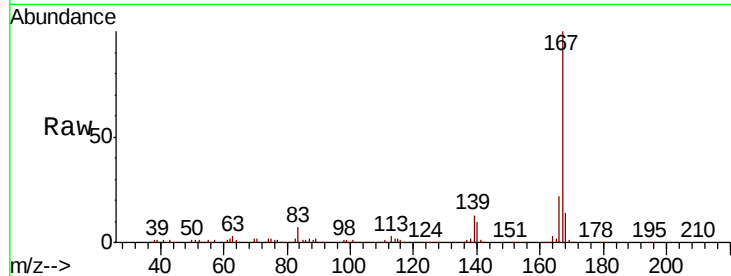




#73
 Carbazole
 Concen: 22.145 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

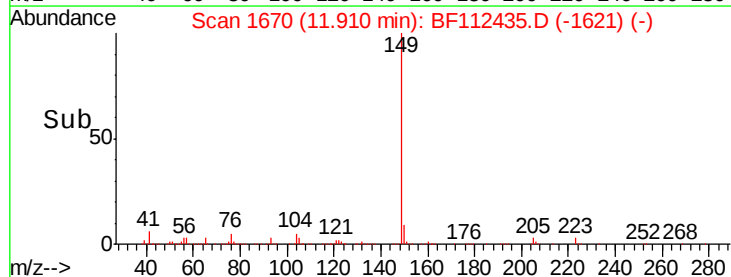
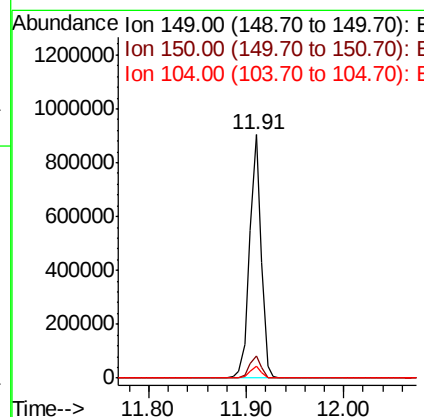
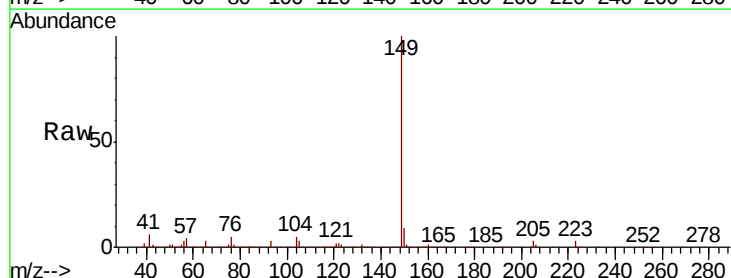
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

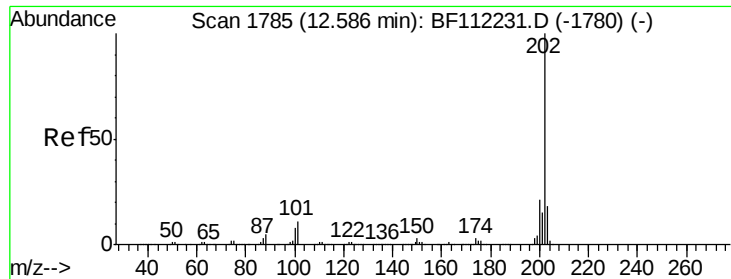
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 25.540 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112435.D
 Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 29.018 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

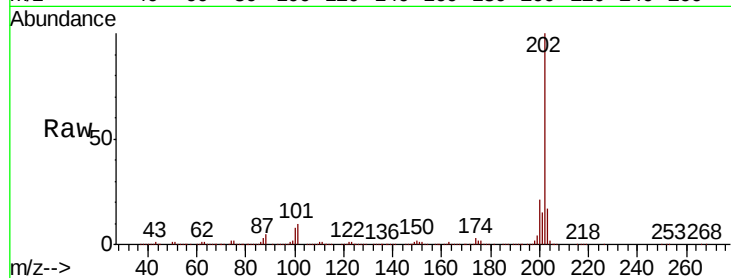
Tot Ion:202 Resp: 740705

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.8

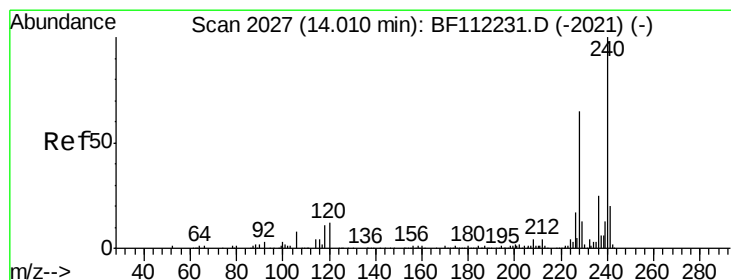
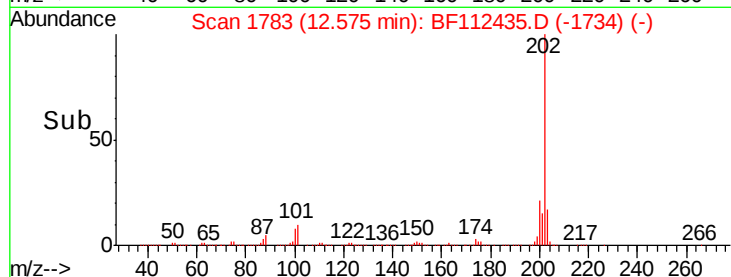
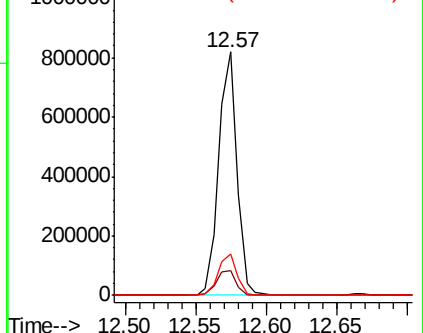
203 17.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

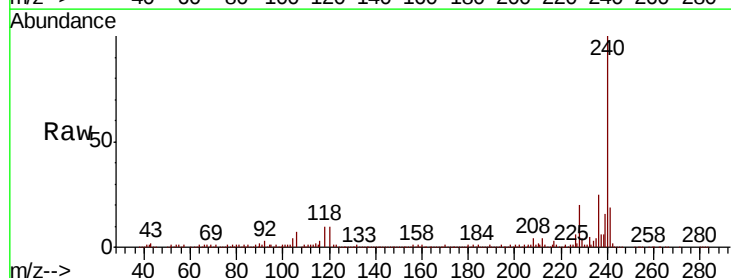
Tgt Ion:240 Resp: 308138

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

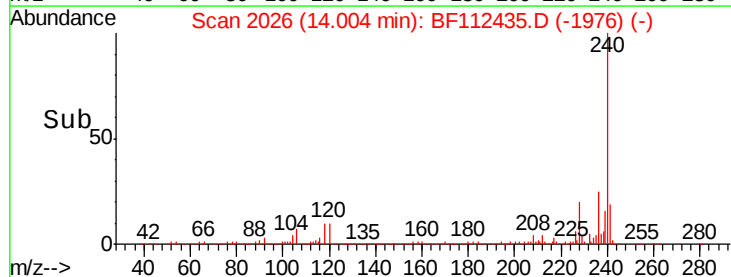
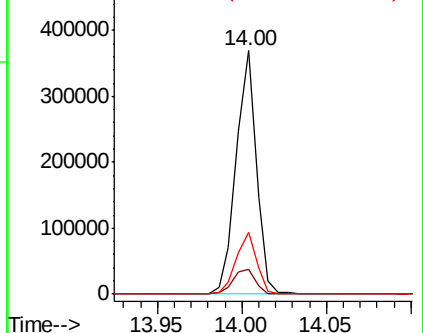
236 25.2 20.7 31.1

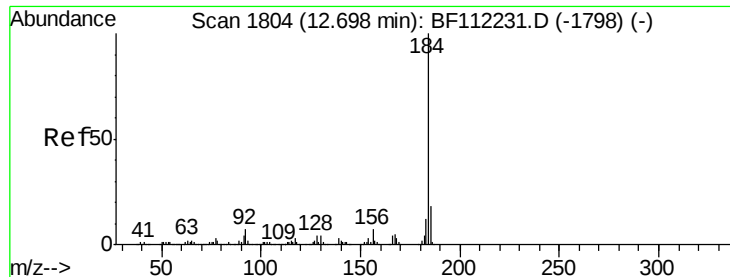


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.067 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

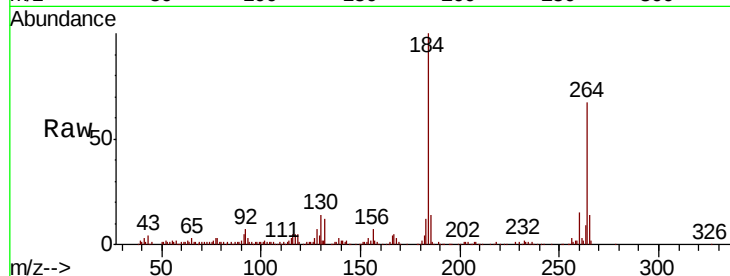
Tot Ion:184 Resp: 144744

Ion Ratio Lower Upper

184 100

185 14.3 13.9 20.9

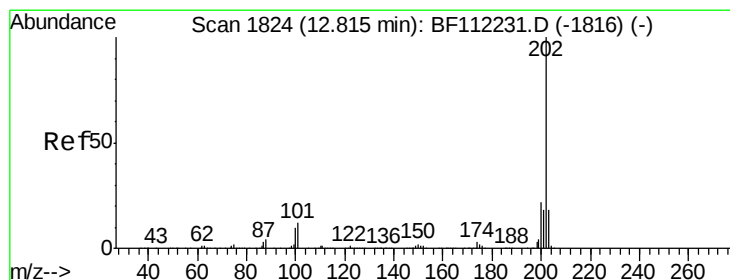
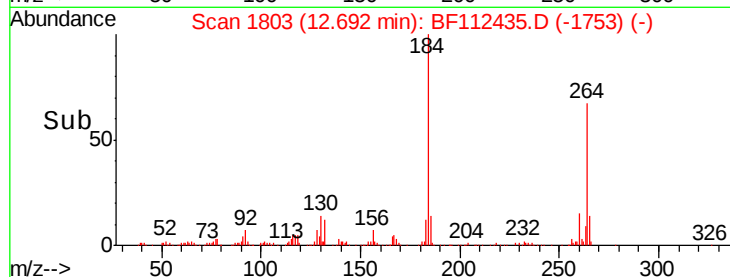
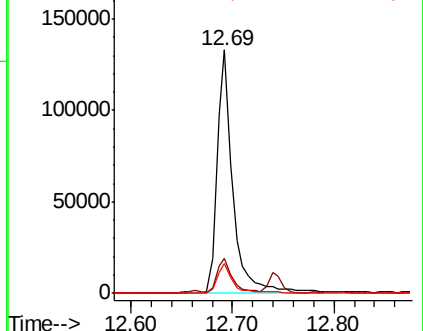
183 12.3 10.0 15.0



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: 33.204 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

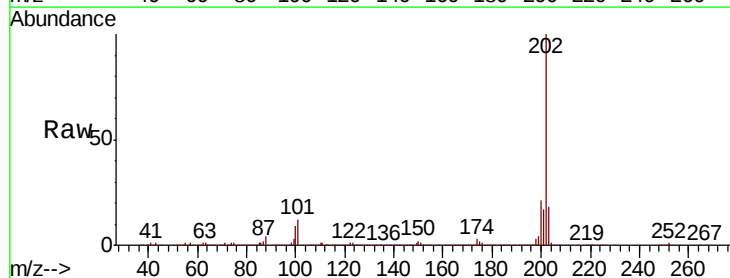
Tgt Ion:202 Resp: 708369

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

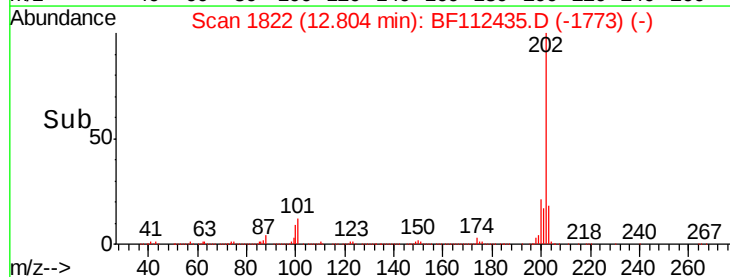
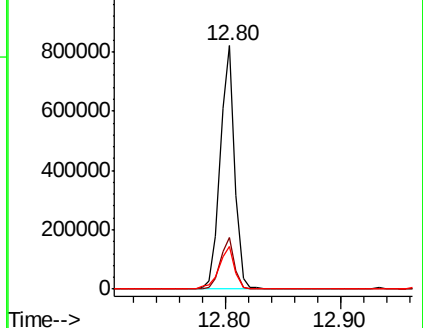
203 17.7 14.6 22.0

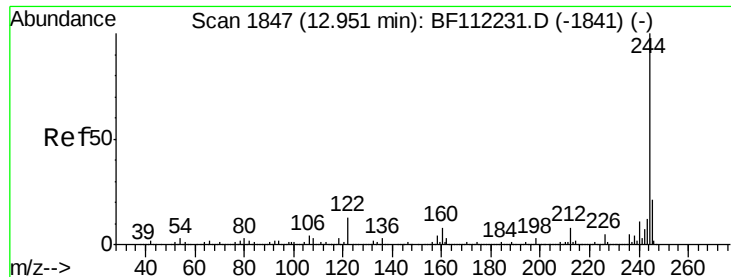


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.502 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

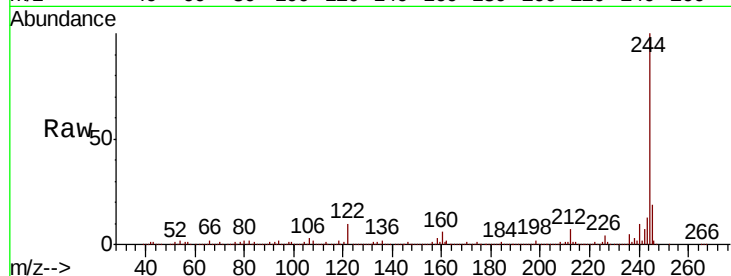
Tot Ion:244 Resp: 793506

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

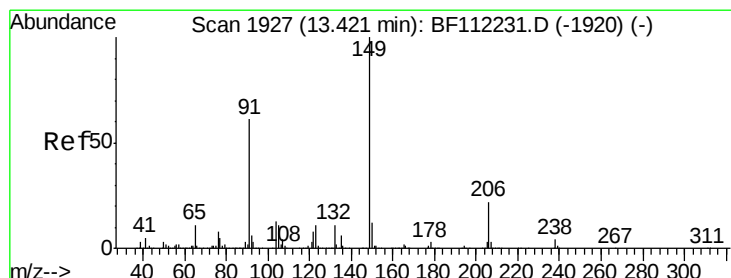
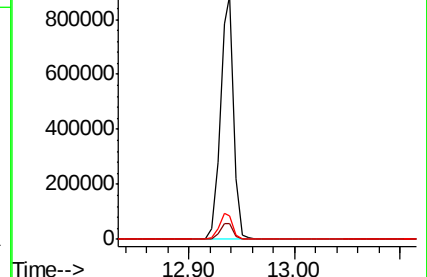
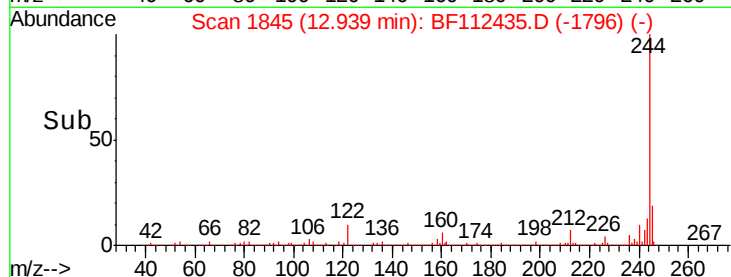
122 9.6 9.8 14.6#



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: 23.760 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

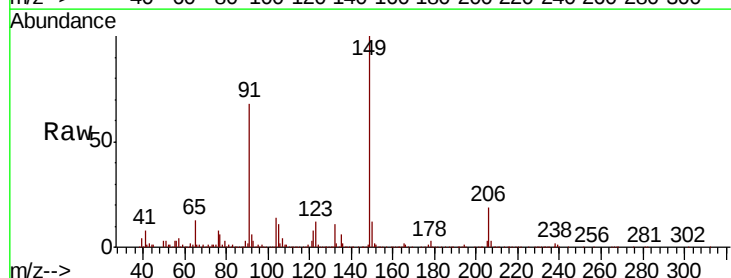
Tgt Ion:149 Resp: 245241

Ion Ratio Lower Upper

149 100

91 68.3 50.3 75.5

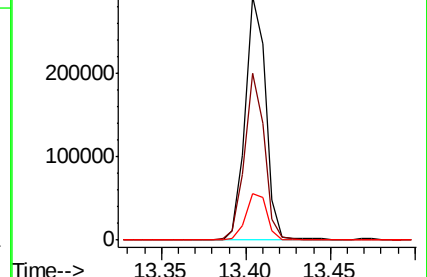
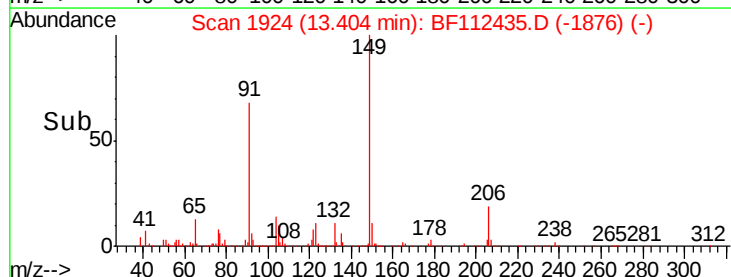
206 18.9 18.2 27.4

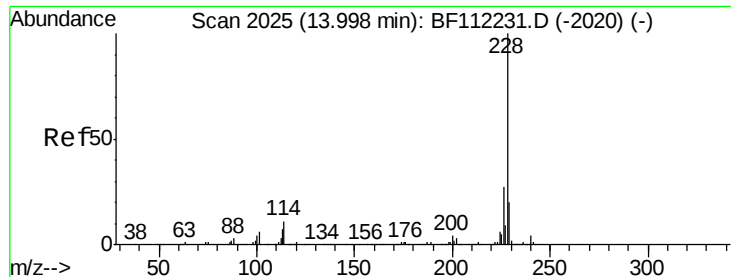


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.802 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

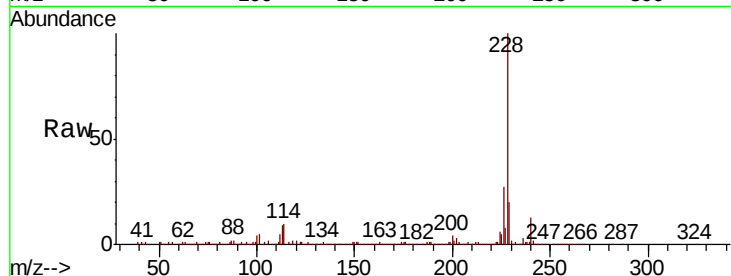
Tot Ion:228 Resp: 521724

Ion Ratio Lower Upper

228 100

226 26.9 22.6 34.0

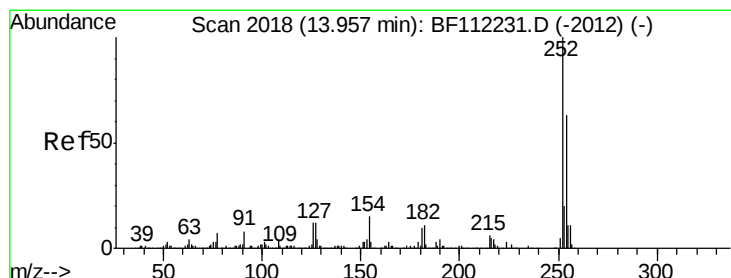
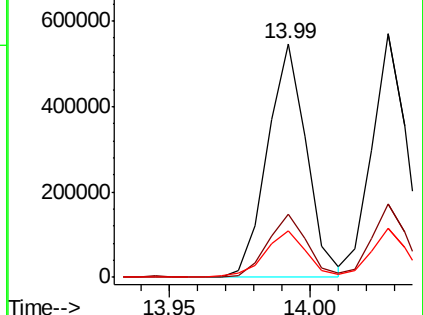
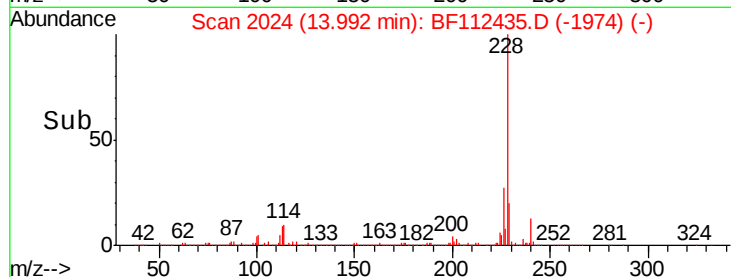
229 19.8 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.528 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

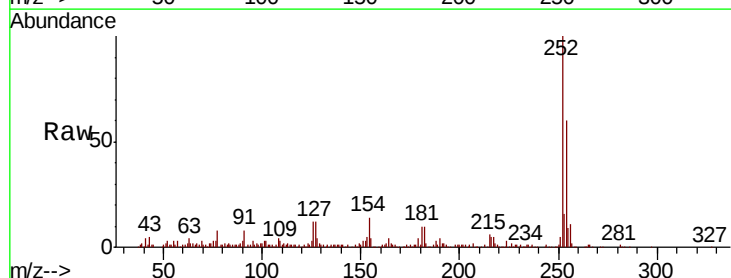
Tgt Ion:252 Resp: 118823

Ion Ratio Lower Upper

252 100

254 60.3 51.6 77.4

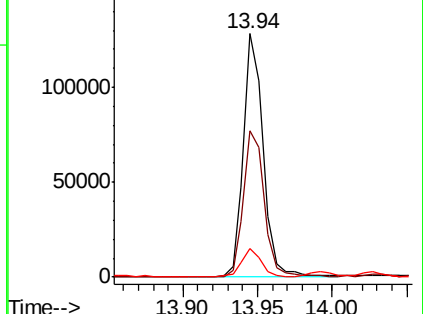
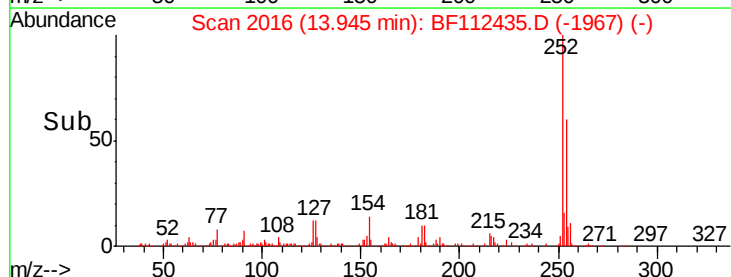
126 11.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

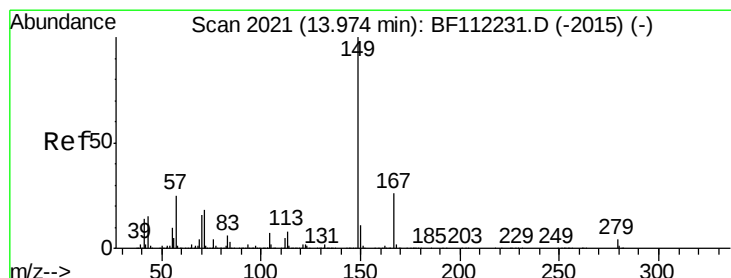
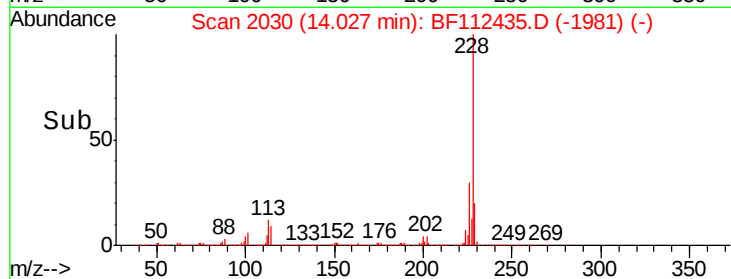
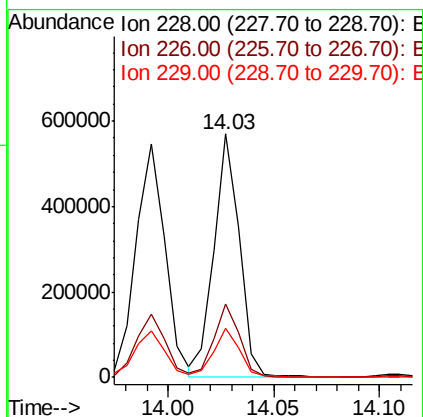
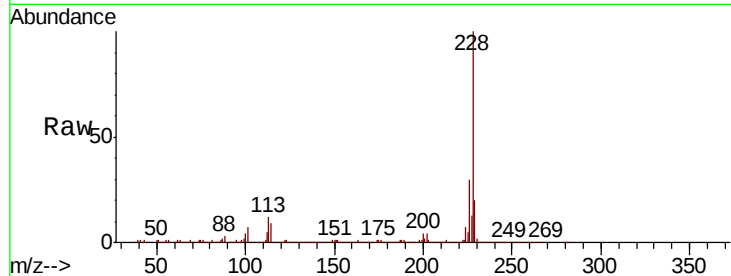




#83
Chrysene
Concen: 27.708 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

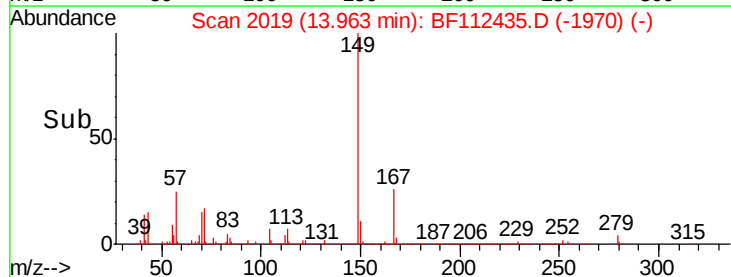
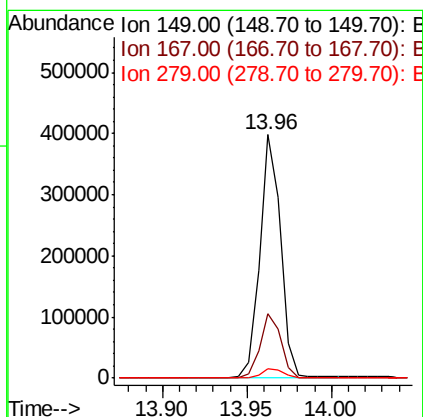
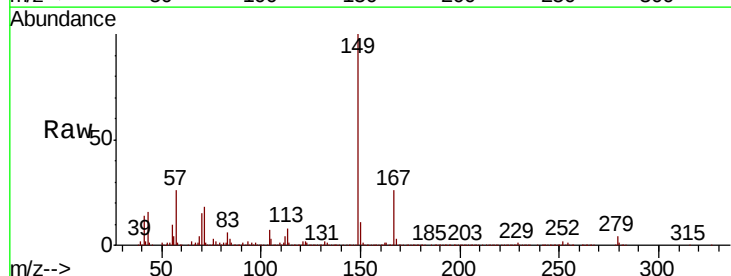
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:228 Resp: 479091
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.6
229 20.2 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.174 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:149 Resp: 339532
Ion Ratio Lower Upper
149 100
167 26.4 22.5 33.7
279 3.7 3.8 5.6#

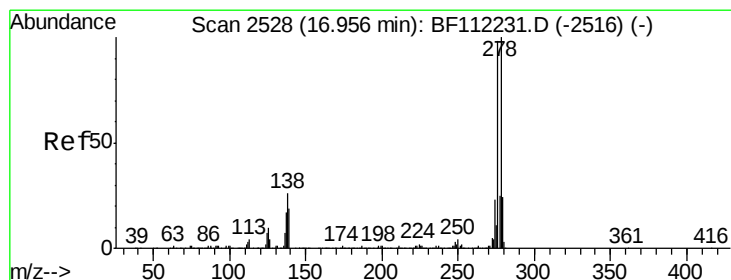
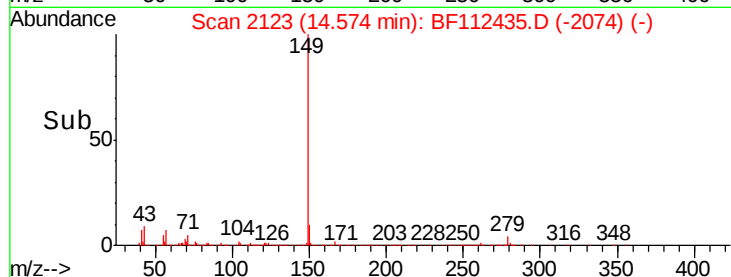
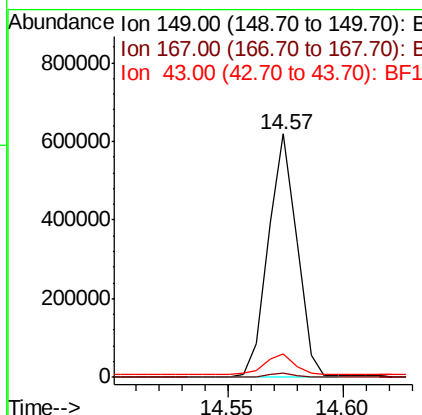
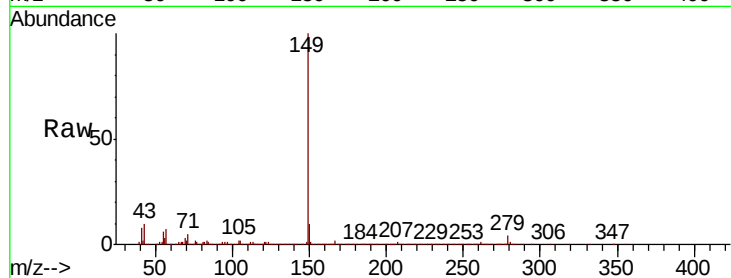




#85
Di-n-octyl phthalate
Concen: 23.554 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

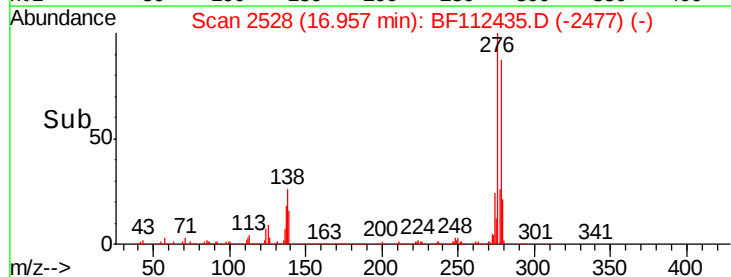
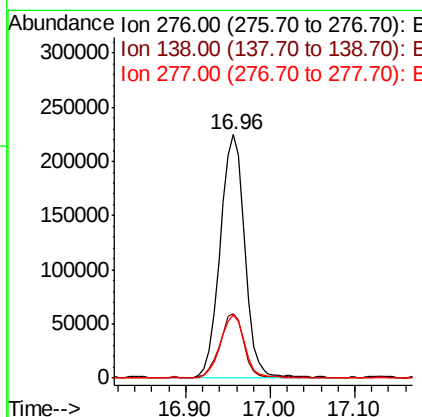
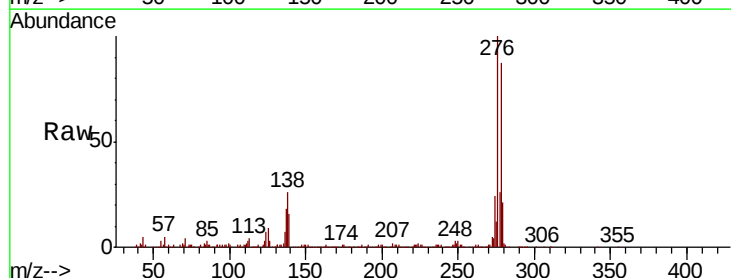
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

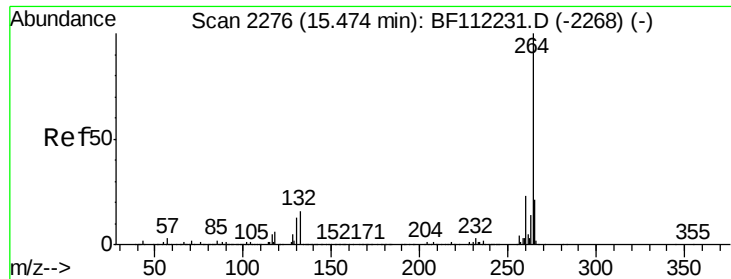
Tot Ion:149 Resp: 530957
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.793 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion:276 Resp: 449288
Ion Ratio Lower Upper
276 100
138 25.8 22.6 34.0
277 25.2 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

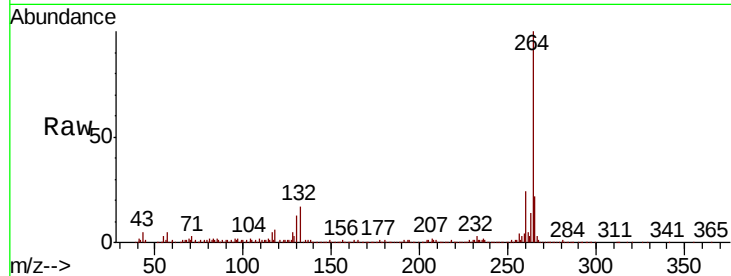
Tot Ion:264 Resp: 298151

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 22.1 17.0 25.4

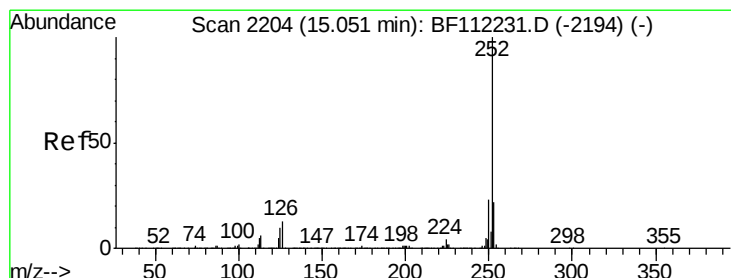
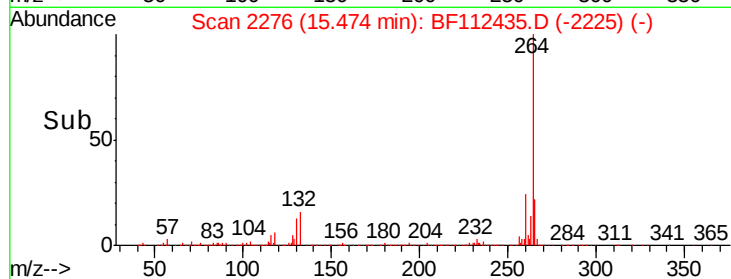
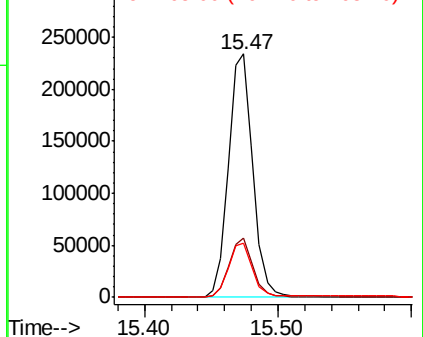


Abundance

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: 27.995 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

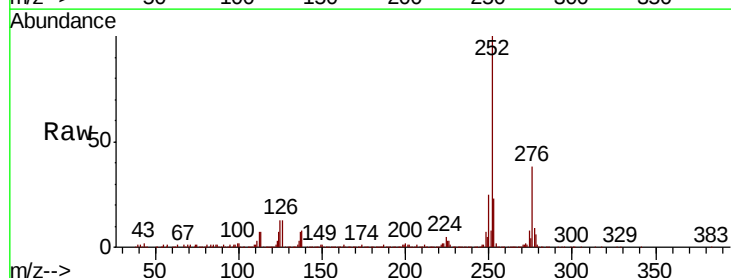
Tgt Ion:252 Resp: 499171

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 12.6 8.7 13.1

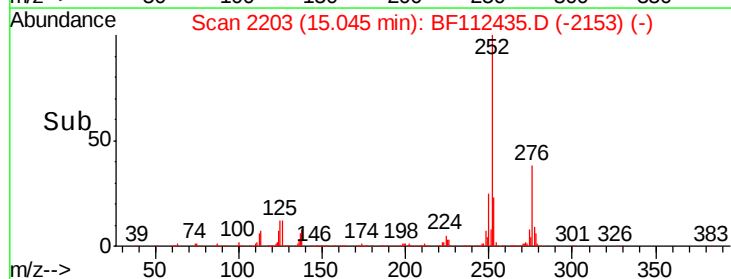
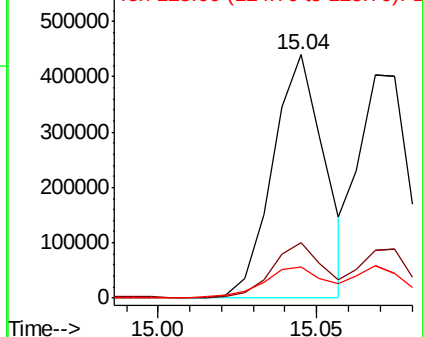


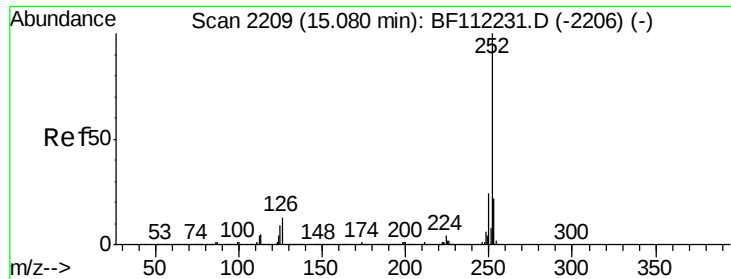
Abundance

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: 29.227 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

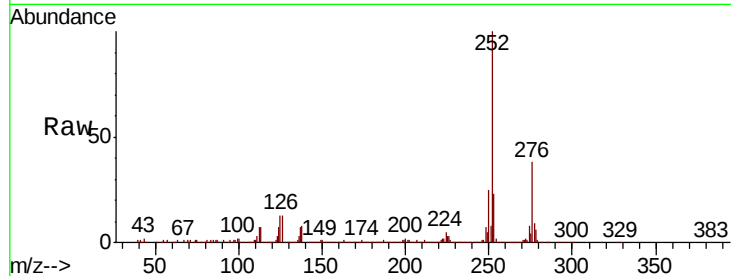
Tot Ion:252 Resp: 499171

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 12.6 9.1 13.7

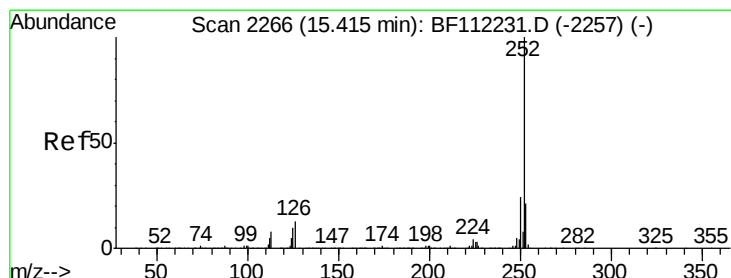
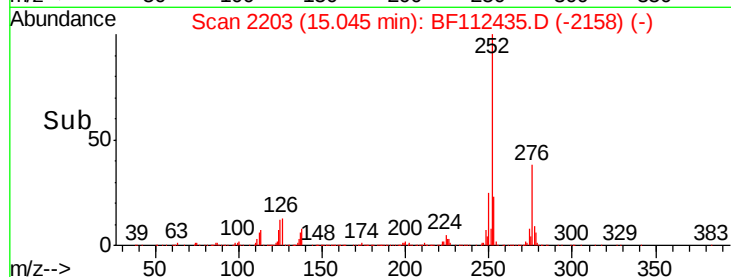
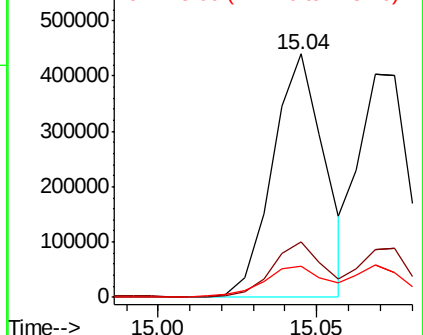


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 29.146 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112435.D

Acq: 7 Feb 2019 13:56

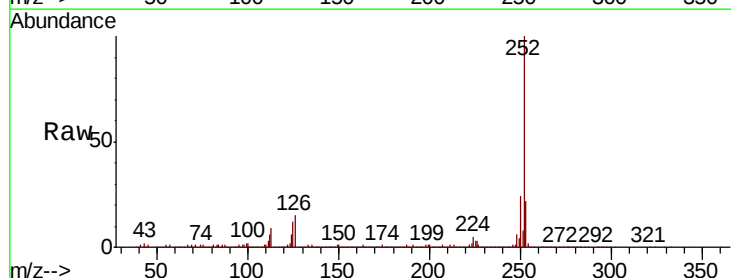
Tgt Ion:252 Resp: 467621

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 11.8 9.0 13.4

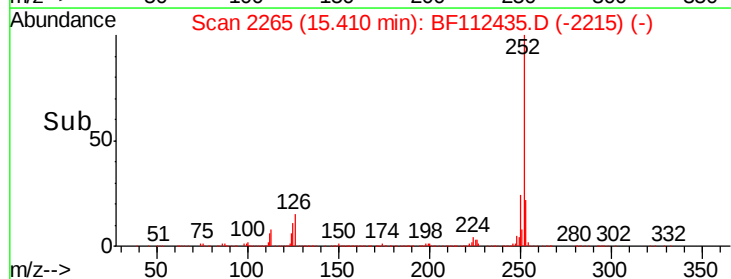
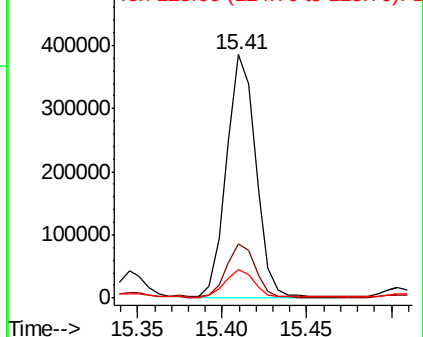


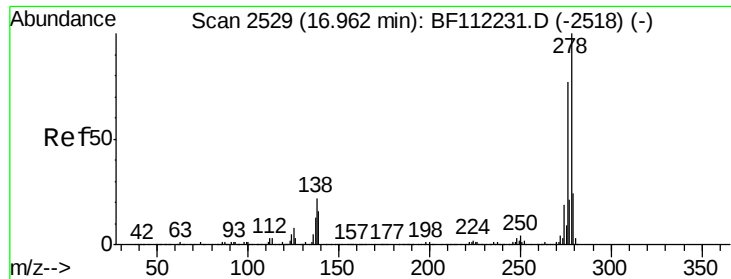
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

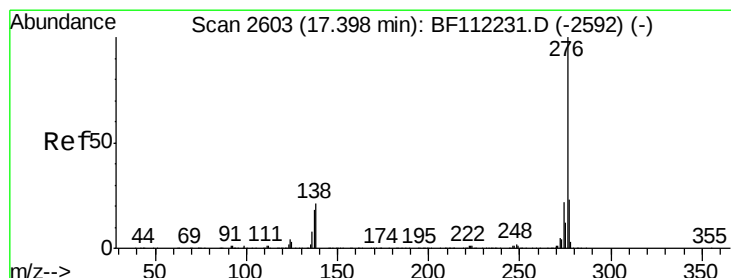
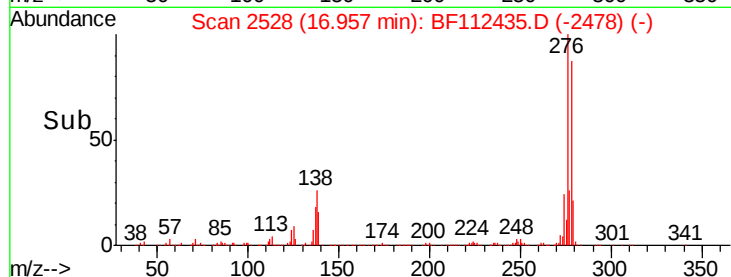
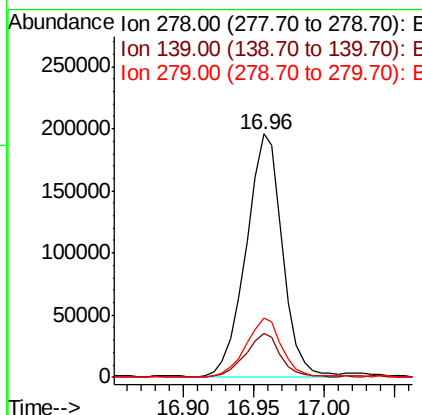
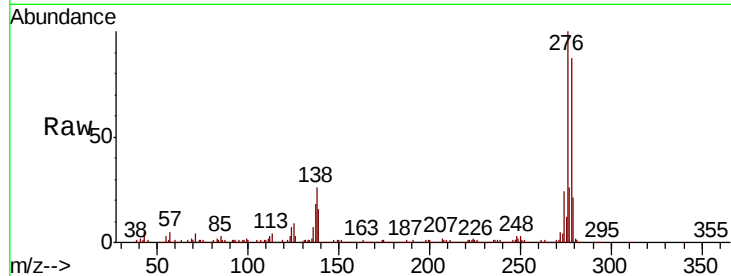




#91
Dibenzo(a,h)anthracene
Concen: 27.159 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.7	20.5
279	24.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 29.623 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BF112435.D
Acq: 7 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	21.6	19.1	28.7

