

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112434.D
 Acq On : 7 Feb 2019 13:03
 Operator : JU/SJ
 Sample : K1385-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 09 03:20:45 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	125481	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	496713	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	248407	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	477518	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	306068	20.00	ng	0.00
87) Perylene-d12	15.47	264	304595	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	708358	119.91	ng	-0.01
7) Phenol-d6	6.49	99	906336	110.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	561427	65.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	285675	98.80	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1142731	65.06	ng	-0.02
79) Terphenyl-d14	12.94	244	1099661	67.67	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	83140	35.328	ng	95
3) Pyridine	3.39	79	221639	37.024	ng	99
4) n-Nitrosodimethylamine	3.32	42	114469	45.513	ng	93
6) Aniline	6.50	93	108509	11.112	ng	# 1
8) 2-Chlorophenol	6.63	128	288000	36.239	ng	98
9) Benzaldehyde	6.38	77	131636	30.680	ng	98
10) Phenol	6.50	94	342901	38.074	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	237512	33.498	ng	99
12) 1,3-Dichlorobenzene	6.77	146	298942	32.299	ng	99
13) 1,4-Dichlorobenzene	6.85	146	310247	32.571	ng	99
14) 1,2-Dichlorobenzene	7.00	146	294380	33.009	ng	98
15) Benzyl Alcohol	6.98	79	235503	34.033	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	290899	31.954	ng	# 32
17) 2-Methylphenol	7.10	107	221957	35.232	ng	92
18) Hexachloroethane	7.34	117	105352	31.497	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	186197	32.895	ng	97
20) 3+4-Methylphenols	7.26	107	298663	37.073	ng	# 62
22) Acetophenone	7.24	105	387794	32.062	ng	# 92
24) Nitrobenzene	7.42	77	288791	33.544	ng	97
25) Isophorone	7.65	82	496615	36.722	ng	99
26) 2-Nitrophenol	7.73	139	157300	34.188	ng	96
27) 2,4-Dimethylphenol	7.77	122	245764	38.770	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	303751	32.986	ng	99
29) 2,4-Dichlorophenol	7.99	162	249473	35.167	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	262632	32.208	ng	99
31) Naphthalene	8.13	128	840468	36.183	ng	99
33) 4-Chloroaniline	8.19	127	74093	7.326	ng	99
34) Hexachlorobutadiene	8.25	225	143855	30.064	ng	97
35) Caprolactam	8.55	113	80407	32.130	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	260850	34.735	ng	98
37) 2-Methylnaphthalene	8.83	142	582328	36.620	ng	97
38) 1-Methylnaphthalene	8.93	142	553610	36.322	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	267165	32.757	ng	98
41) Hexachlorocyclopentadiene	8.98	237	83874	33.415	ng	98

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43) 2,4,6-Trichlorophenol	9.12	196	174237	34.657	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	184705	35.152	ng	97
46) 1,1'-Biphenyl	9.29	154	718162	33.070	ng	98
47) 2-Chloronaphthalene	9.32	162	554700	32.938	ng	96
48) 2-Nitroaniline	9.42	65	158332	34.495	ng	90
49) Acenaphthylene	9.73	152	896337	36.314	ng	98
50) Dimethylphthalate	9.59	163	719748	37.293	ng	99
51) 2,6-Dinitrotoluene	9.66	165	146922	33.991	ng	88
52) Acenaphthene	9.90	154	512890	34.784	ng	99
53) 3-Nitroaniline	9.83	138	90622	19.352	ng	94
54) 2,4-Dinitrophenol	9.96	184	16085	11.595	ng	94
55) Dibenzofuran	10.07	168	776508	34.461	ng	95
56) 4-Nitrophenol	10.02	139	166275	67.161	ng	93
57) 2,4-Dinitrotoluene	10.07	165	193589	35.180	ng	# 84
58) Fluorene	10.42	166	627784	37.231	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	142877	35.982	ng	95
60) Diethylphthalate	10.29	149	642550	33.548	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	294937	32.155	ng	93
62) 4-Nitroaniline	10.45	138	141723	30.855	ng	95
63) Azobenzene	10.57	77	560025	33.246	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	38774	14.483	ng	96
66) n-Nitrosodiphenylamine	10.53	169	549603	34.150	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	183275	32.633	ng	93
68) Hexachlorobenzene	10.97	284	193644	32.137	ng	98
69) Atrazine	11.05	200	175040	33.707	ng	97
70) Pentachlorophenol	11.17	266	126831	54.095	ng	96
71) Phenanthrene	11.38	178	972242	39.163	ng	98
72) Anthracene	11.43	178	939251	37.981	ng	99
73) Carbazole	11.59	167	789369	32.360	ng	99
74) Di-n-butylphthalate	11.91	149	1009157	33.330	ng	98
75) Fluoranthene	12.57	202	1015417	38.135	ng	97
77) Benzidine	12.69	184	151566	17.992	ng	95
78) Pyrene	12.80	202	974100	45.969	ng	98
80) Butylbenzylphthalate	13.40	149	352522	34.385	ng	91
81) Benzo(a)anthracene	13.99	228	724599	40.273	ng	98
82) 3,3'-Dichlorobenzidine	13.94	252	132891	19.736	ng	99
83) Chrysene	14.03	228	680974	39.650	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	484991	33.326	ng	# 96
85) Di-n-octyl phthalate	14.57	149	755321	33.734	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	639378	46.983	ng	98
88) Benzo(b)fluoranthene	15.04	252	705353	38.721	ng	100
89) Benzo(k)fluoranthene	15.07	252	643947	36.906	ng	98
90) Benzo(a)pyrene	15.41	252	669604	40.852	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	506641	38.353	ng	99
92) Benzo(g,h,i)perylene	17.40	276	523961	42.041	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

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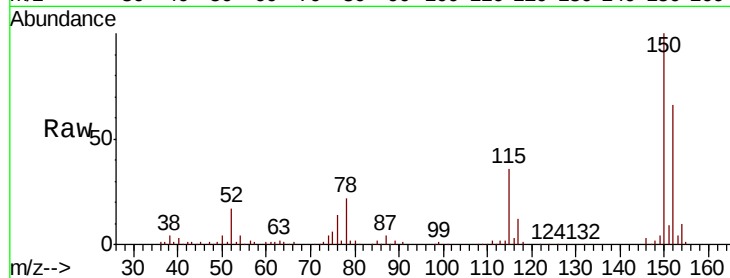
Tot Ion:152 Resp: 125481

Ion Ratio Lower Upper

152 100

150 151.1 127.4 191.0

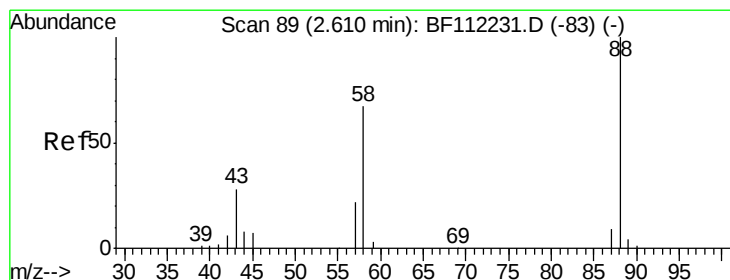
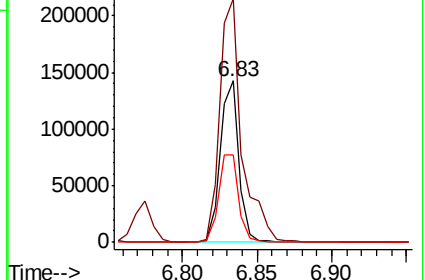
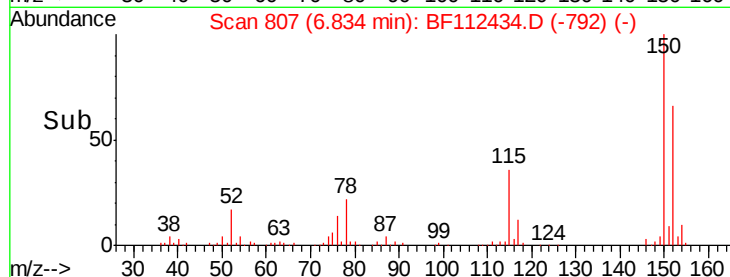
115 54.0 45.5 68.3



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



#2

1,4-Dioxane

Concen: 35.328 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

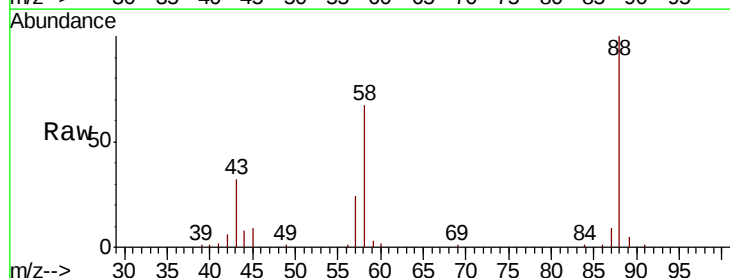
Tgt Ion: 88 Resp: 83140

Ion Ratio Lower Upper

88 100

58 67.2 57.4 86.2

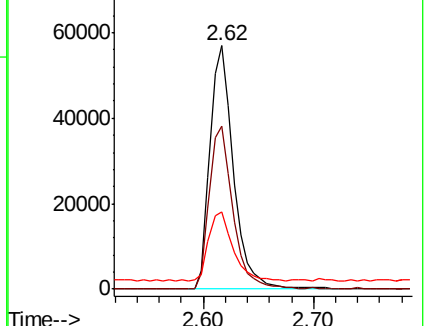
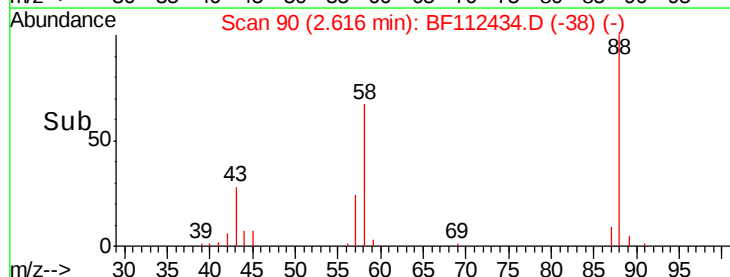
43 29.5 22.2 33.4

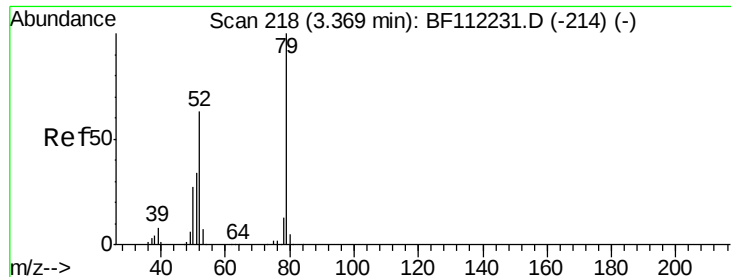


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.024 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

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98-SB-01-2-4MS

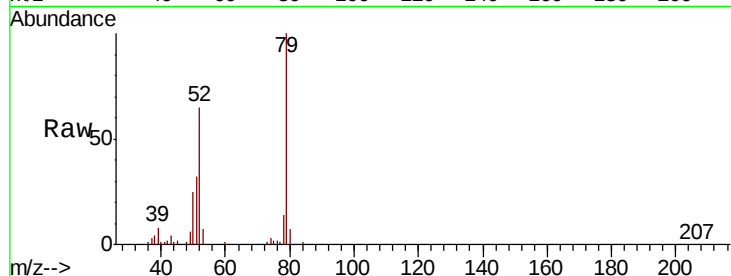
Tot Ion: 79 Resp: 221639

Ion Ratio Lower Upper

79 100

52 64.6 52.4 78.6

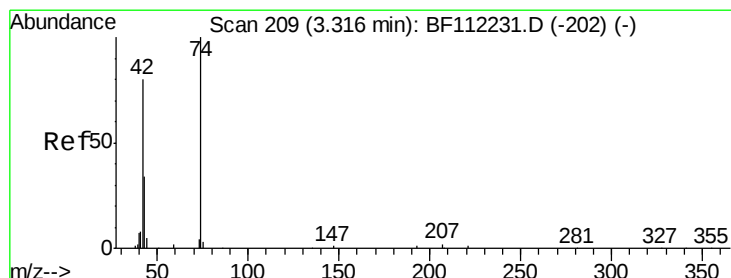
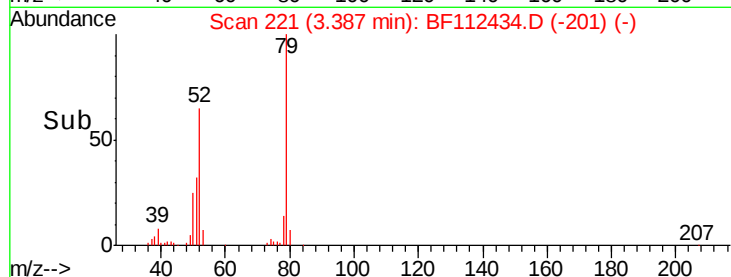
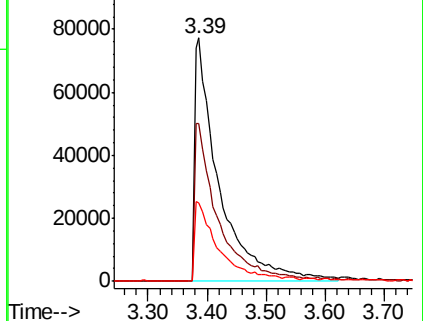
51 32.4 26.1 39.1



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: 45.513 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.00 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

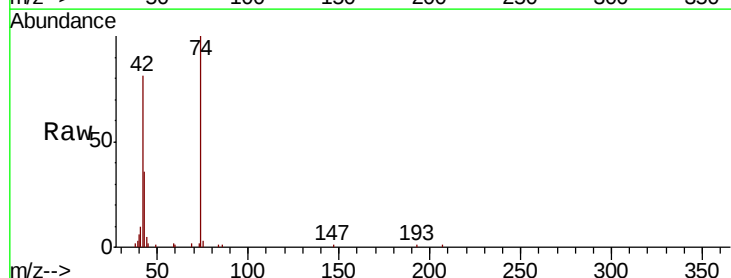
Tgt Ion: 42 Resp: 114469

Ion Ratio Lower Upper

42 100

74 123.6 105.6 158.4

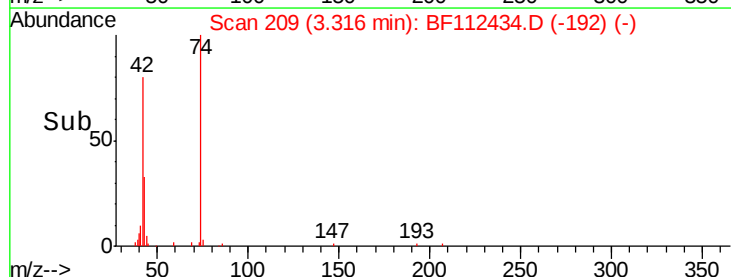
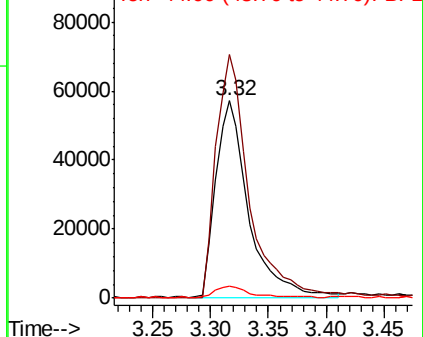
44 6.4 5.4 8.2

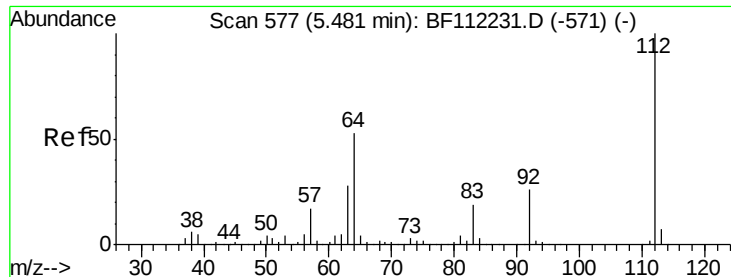


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.907 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112434.D

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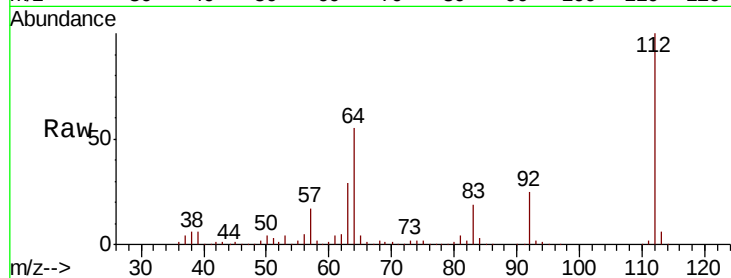
Tot Ion:112 Resp: 708358

Ion Ratio Lower Upper

112 100

64 54.7 45.7 68.5

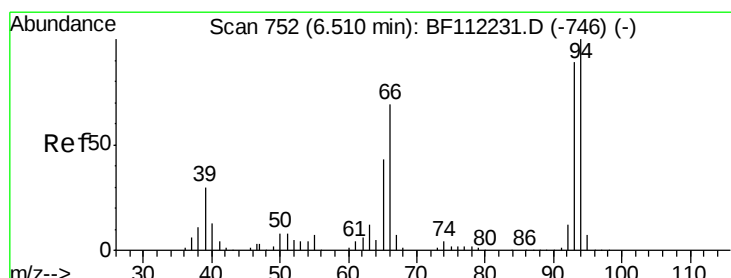
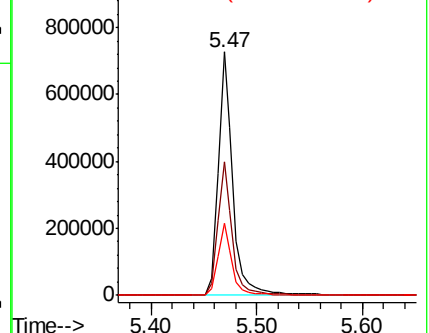
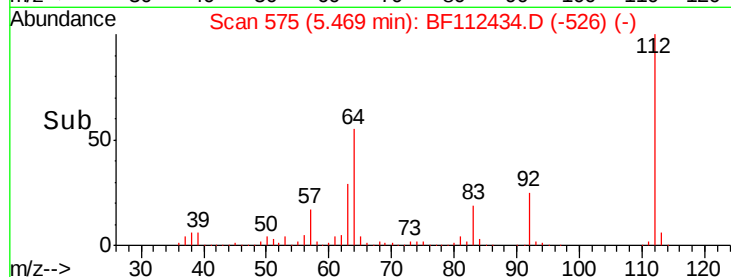
63 29.5 23.6 35.4



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: 11.112 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

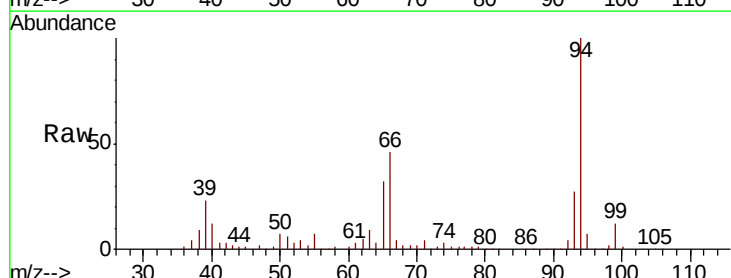
Tgt Ion: 93 Resp: 108509

Ion Ratio Lower Upper

93 100

66 172.1 43.4 65.2#

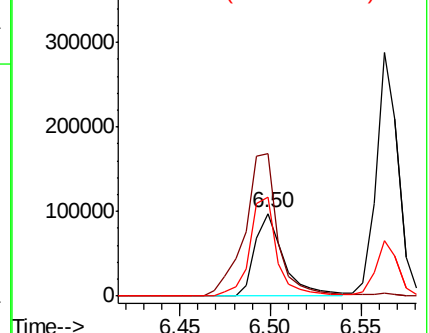
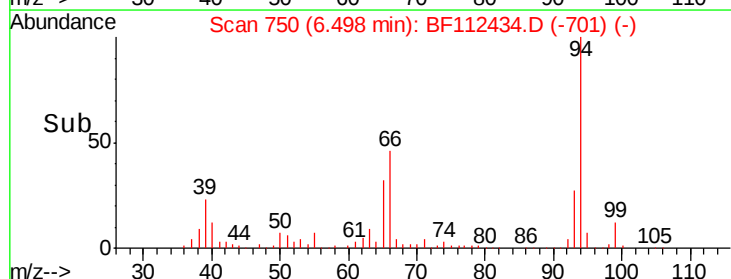
65 119.7 25.3 37.9#

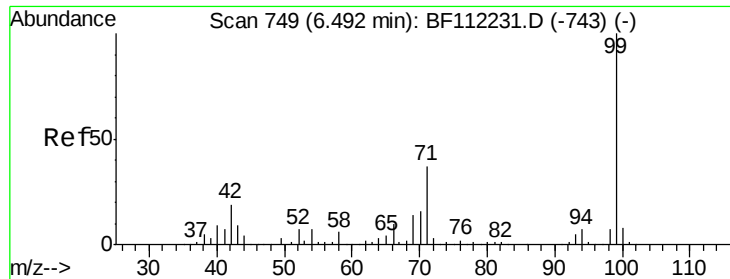


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.409 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

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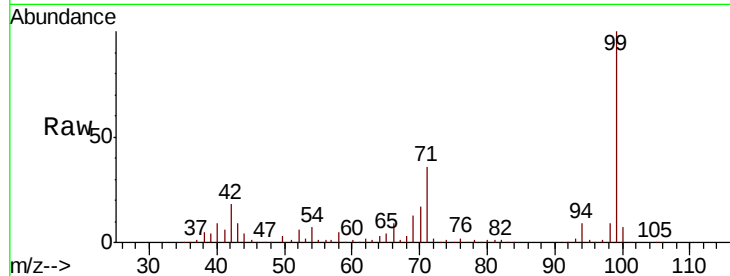
Tot Ion: 99 Resp: 906336

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

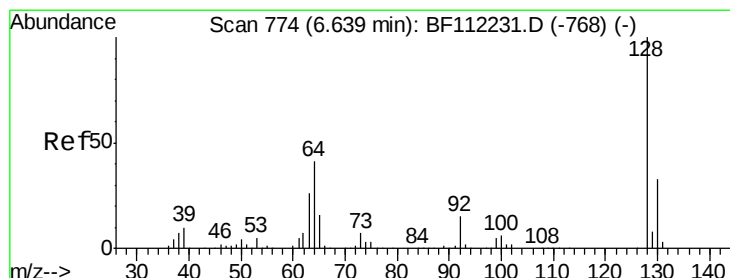
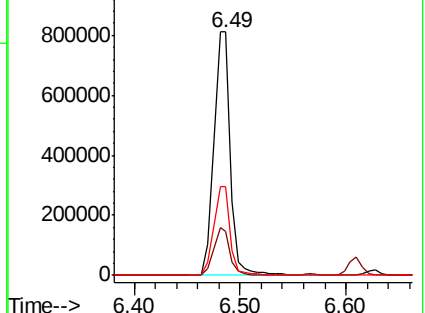
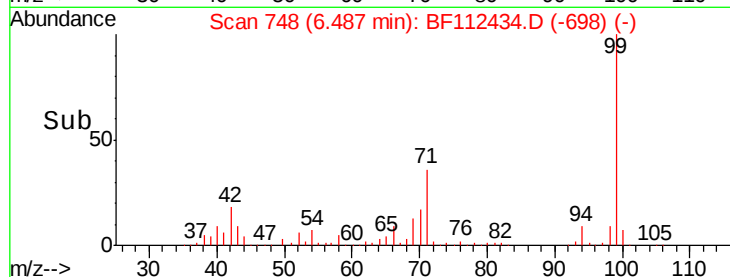
71 36.2 26.9 40.3



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: 36.239 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

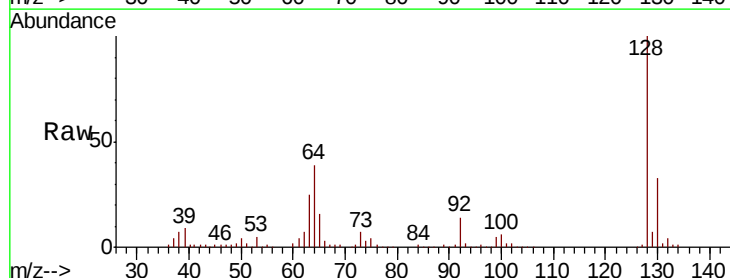
Tgt Ion:128 Resp: 288000

Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

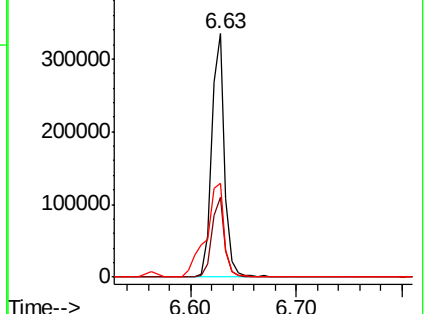
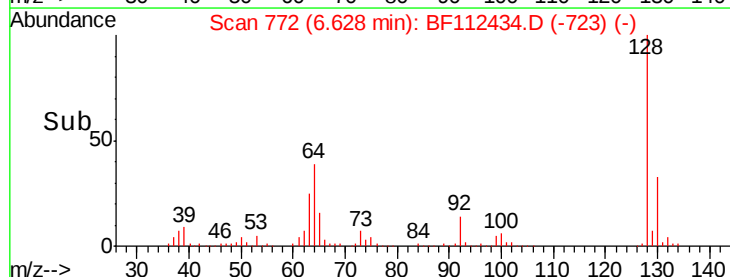
64 38.5 20.5 60.5

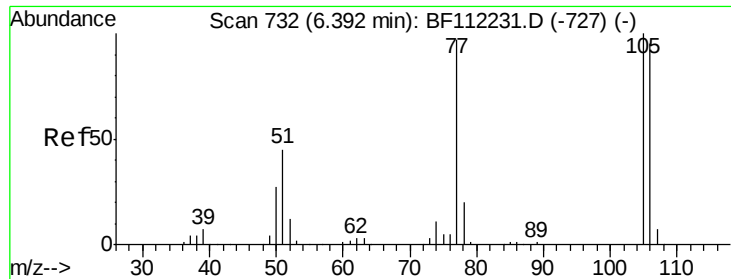


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.680 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112434.D

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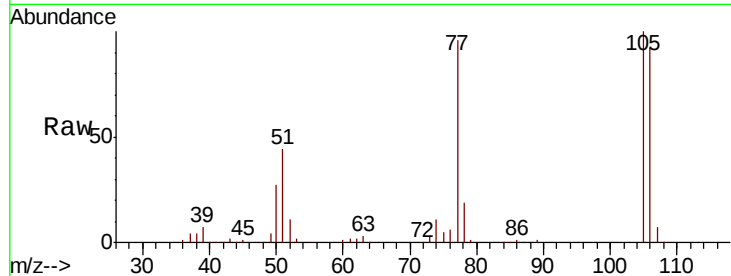
Tot Ion: 77 Resp: 131636

Ion Ratio Lower Upper

77 100

105 104.3 80.8 120.8

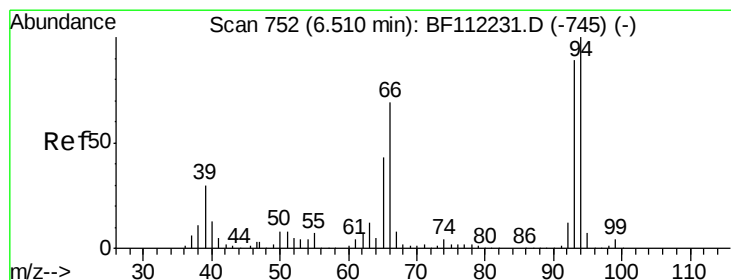
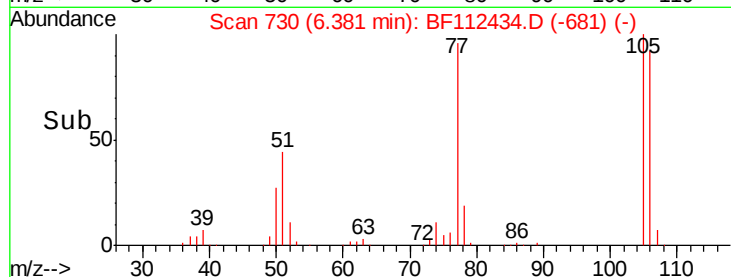
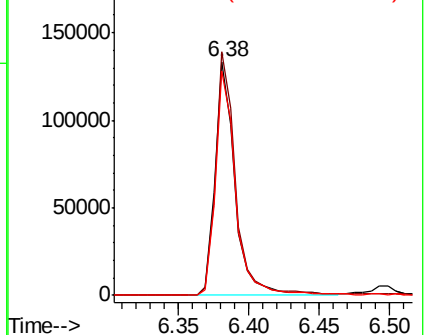
106 96.2 75.7 115.7



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: 38.074 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

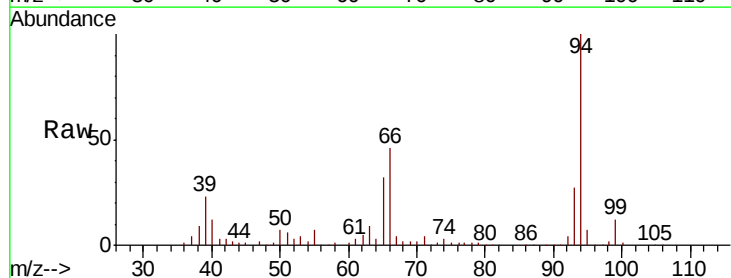
Tgt Ion: 94 Resp: 342901

Ion Ratio Lower Upper

94 100

65 32.0 20.3 60.3

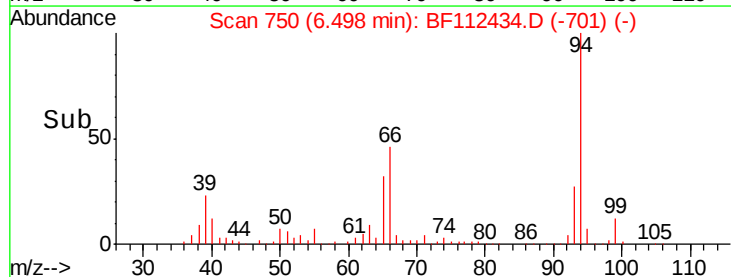
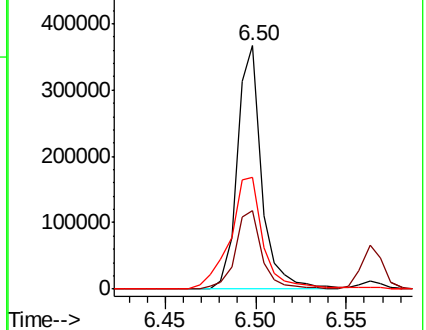
66 46.0 42.4 82.4

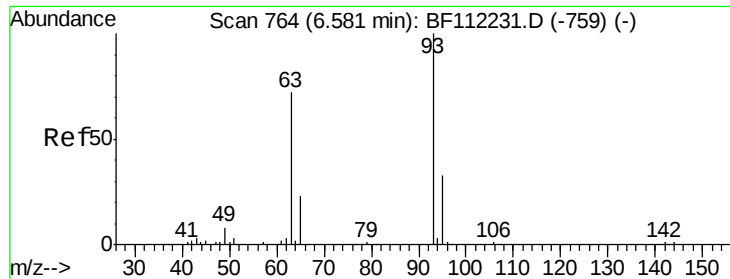


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

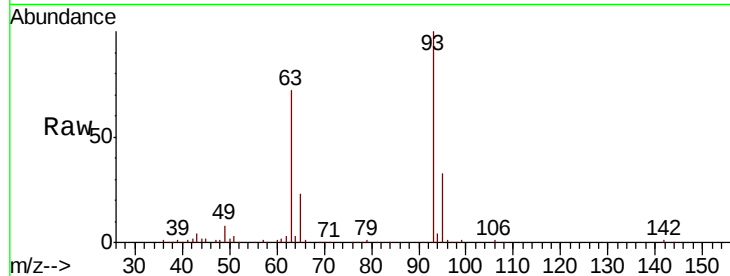




#11
bis(2-Chloroethyl)ether
Concen: 33.498 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	53.3	93.3
95	33.2	13.4	53.4

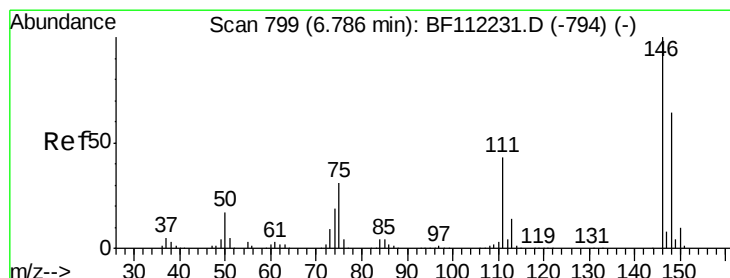
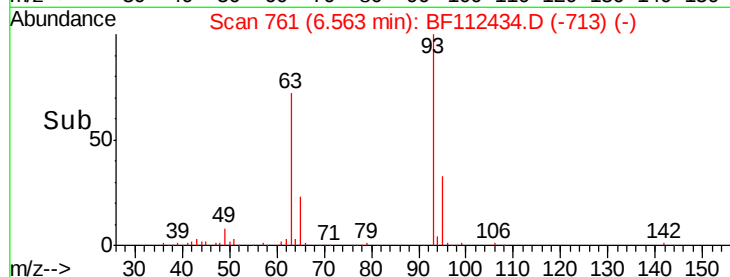
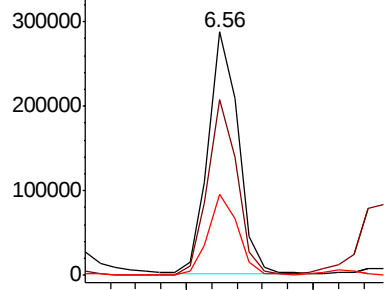


Abundance

Ion 93.00 (92.70 to 93.70): BF1

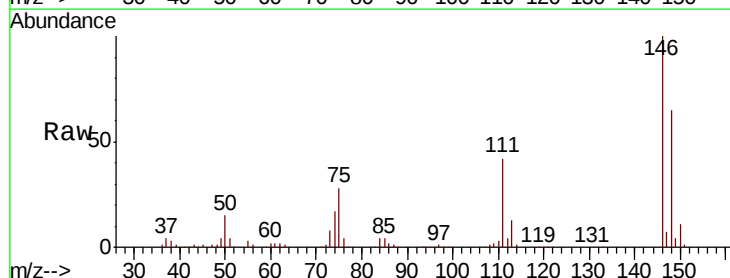
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 32.299 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	27.8	23.1	34.7

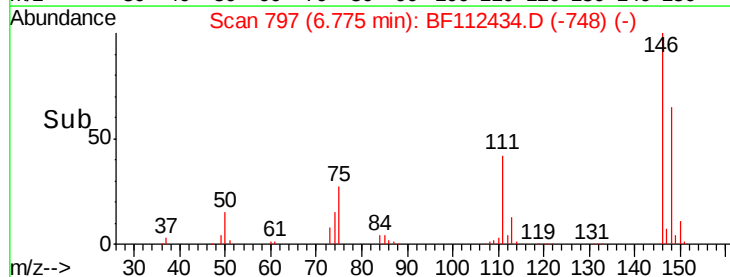
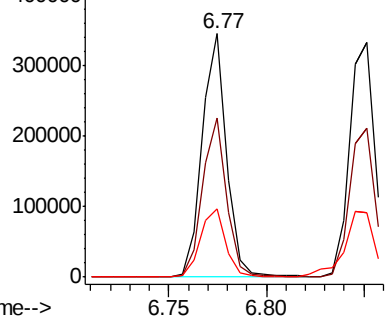


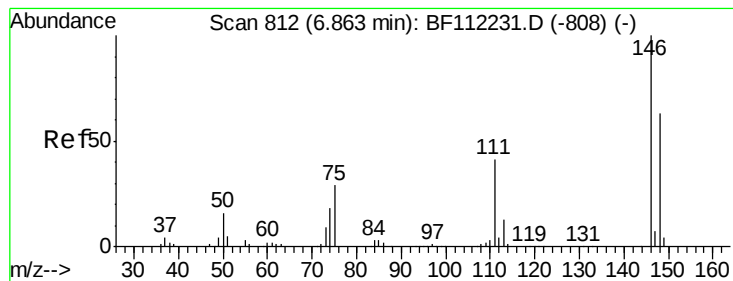
Abundance

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: 32.571 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

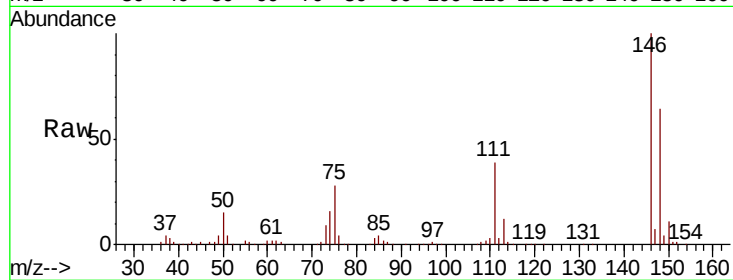
Tot Ion:146 Resp: 310247

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

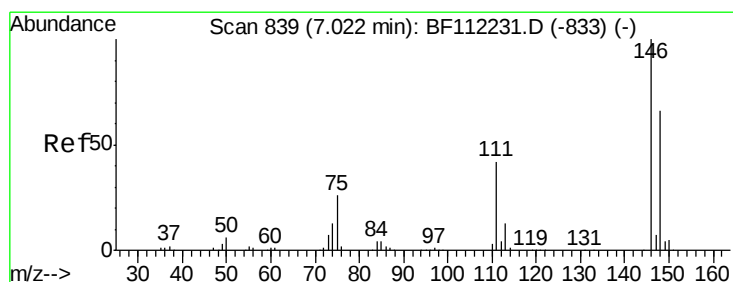
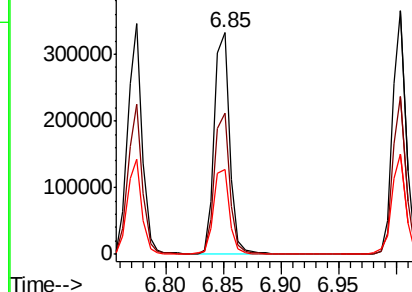
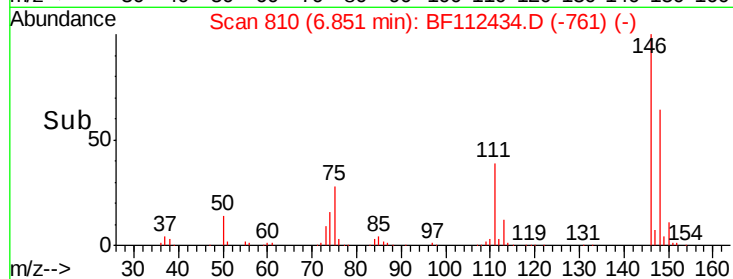
111 38.6 31.2 46.8



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: 33.009 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

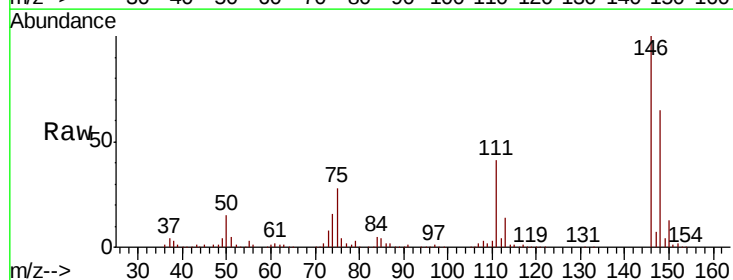
Tgt Ion:146 Resp: 294380

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

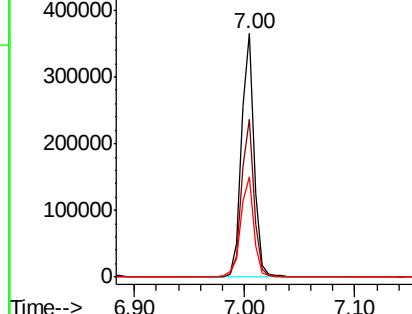
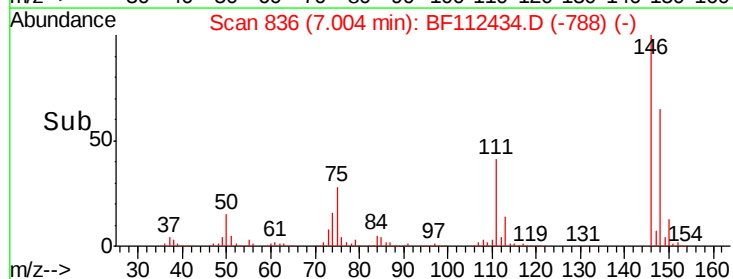
111 41.4 31.2 46.8

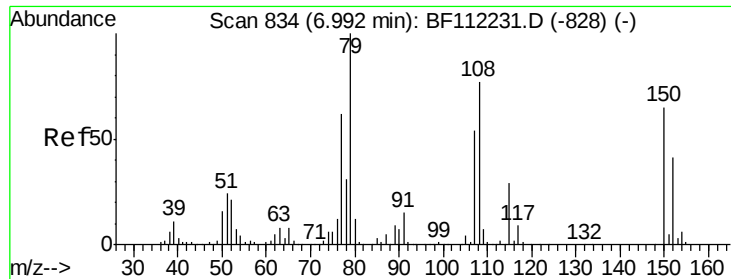


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

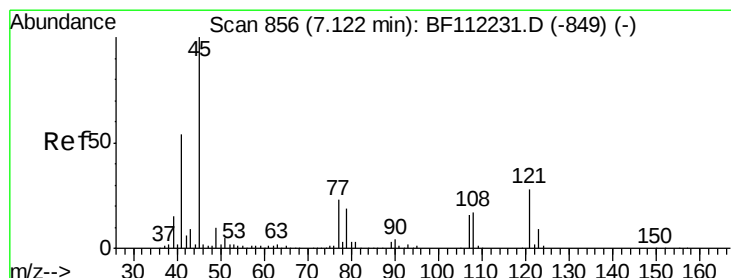
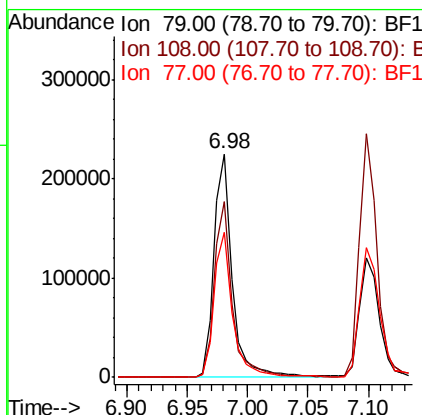
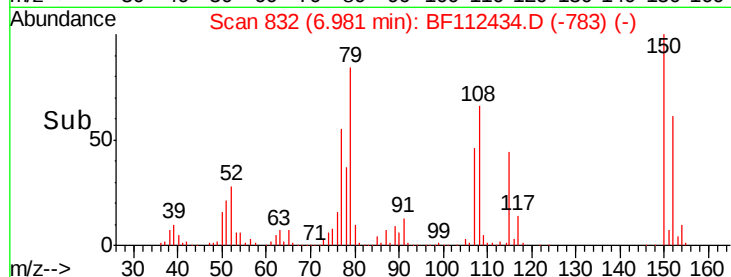
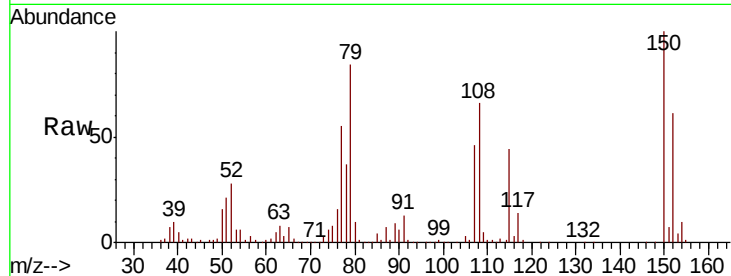




#15
Benzyl Alcohol
Concen: 34.033 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

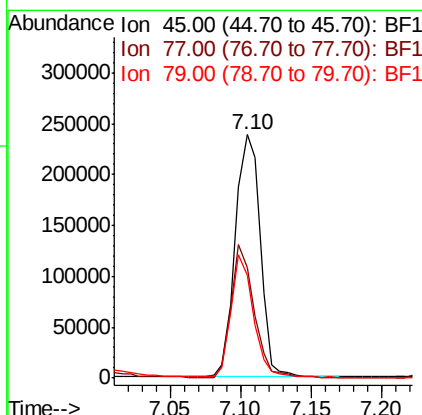
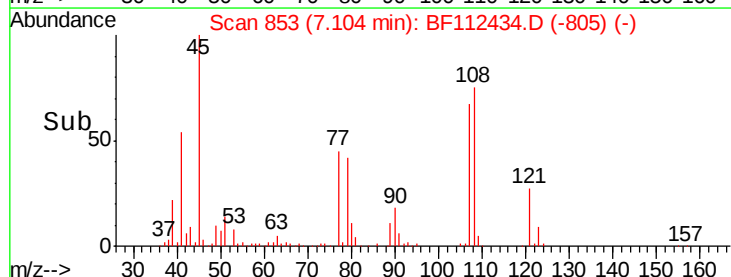
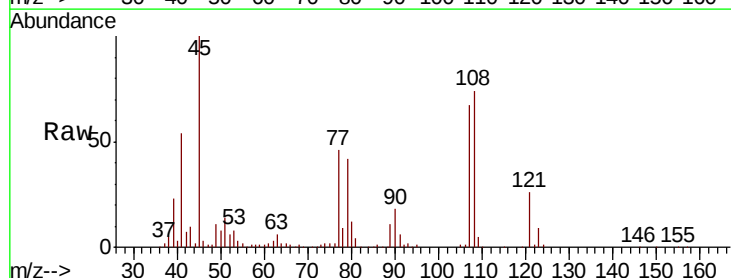
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

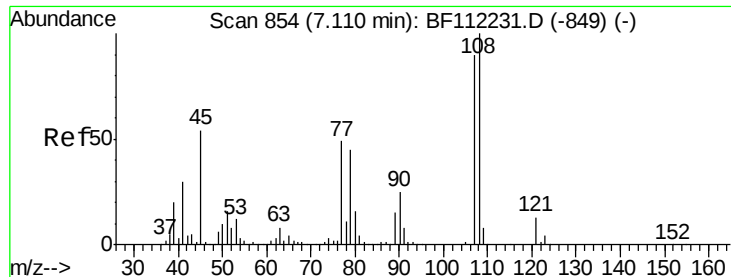
Tot Ion: 79 Resp: 235503
Ion Ratio Lower Upper
79 100
108 78.9 64.2 96.2
77 65.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.954 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion: 45 Resp: 290899
Ion Ratio Lower Upper
45 100
77 45.5 0.0 36.9#
79 42.4 0.0 34.0#





#17

2-Methylphenol

Concen: 35.232 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

Tot Ion:107 Resp: 221957

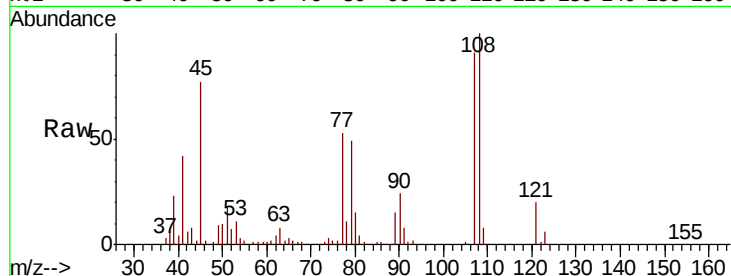
Ion Ratio Lower Upper

107 100

108 109.6 91.3 136.9

77 58.3 39.0 58.6

79 54.0 37.0 55.4

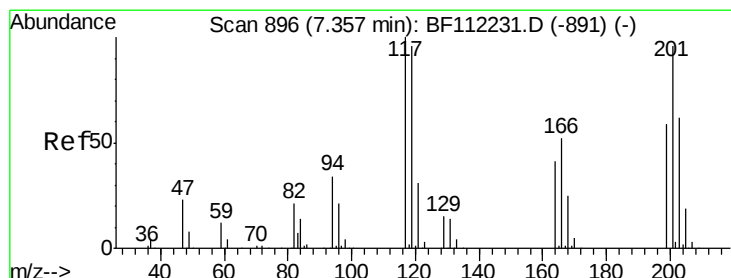
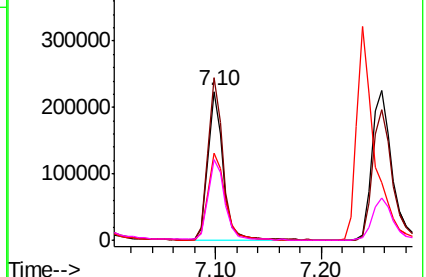
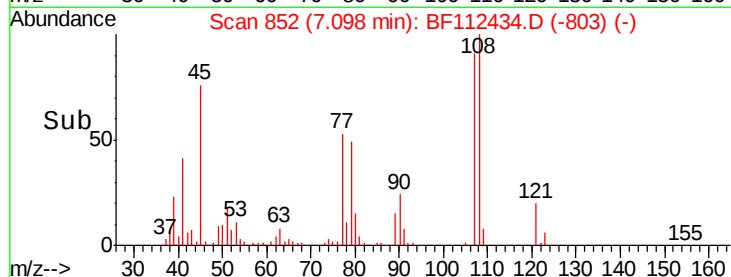


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.497 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

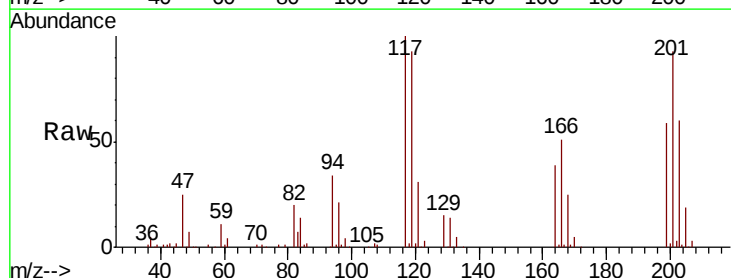
Tgt Ion:117 Resp: 105352

Ion Ratio Lower Upper

117 100

119 92.6 77.0 115.4

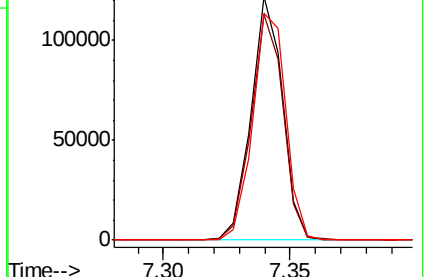
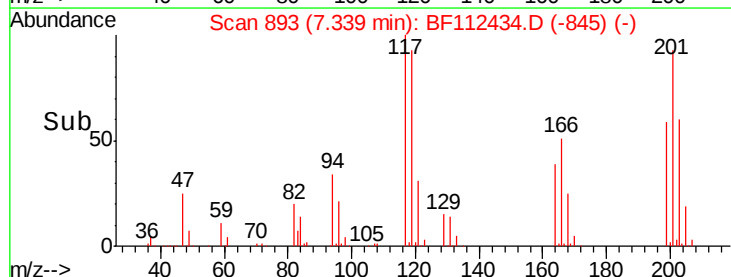
201 93.2 74.1 111.1



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

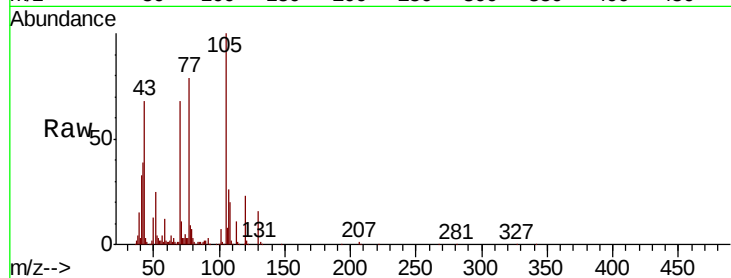




#19
n-Nitroso-di-n-propylamine
Concen: 32.895 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:	70	Resp:	186197
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.6	71.4
101	10.1	7.9	11.9
130	24.1	18.4	27.6



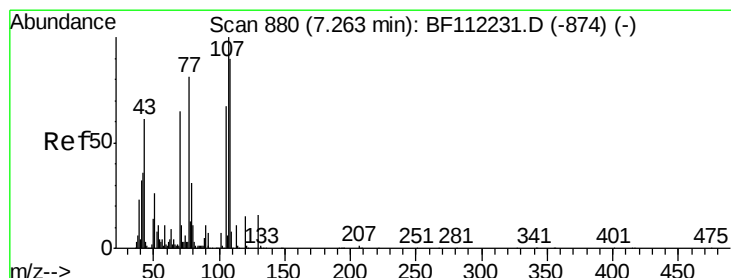
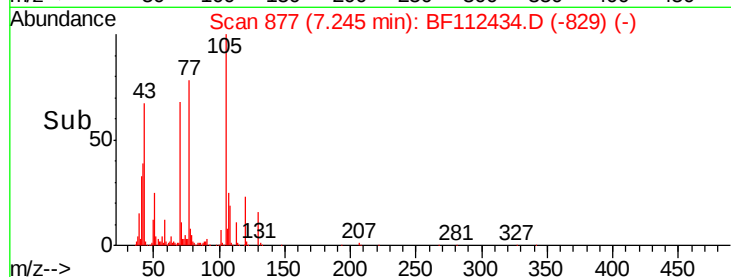
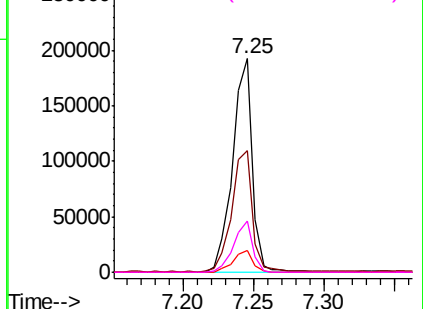
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.073 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:	107	Resp:	298663
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	38.3	100.7	140.7
79	28.6	7.3	47.3

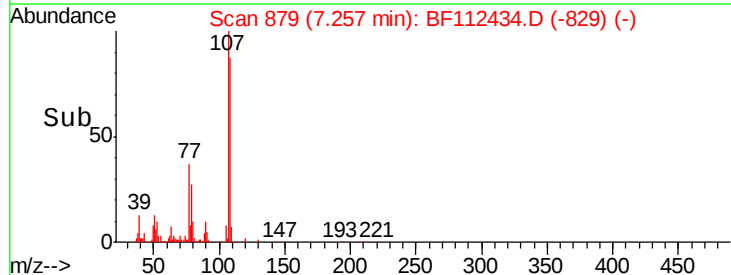
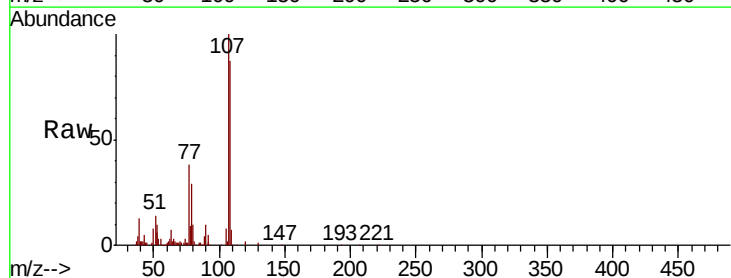
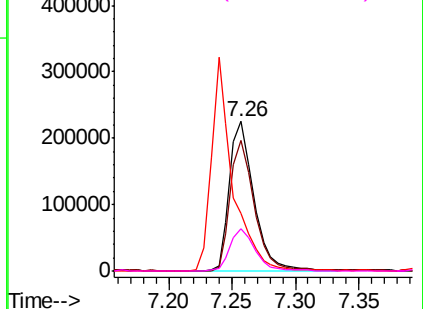
Abundance

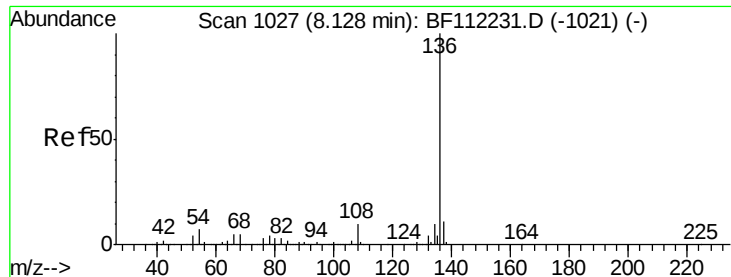
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

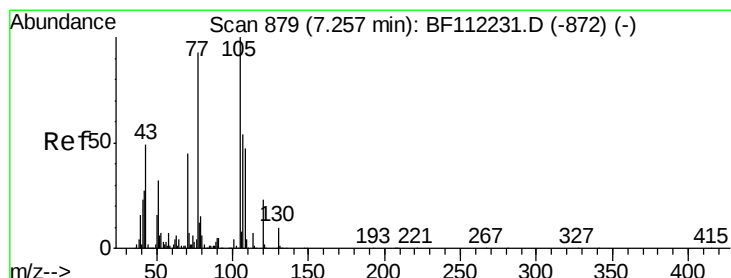
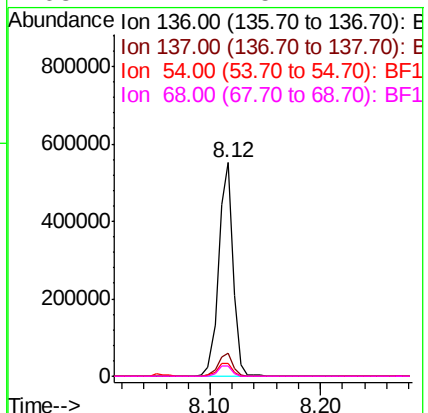
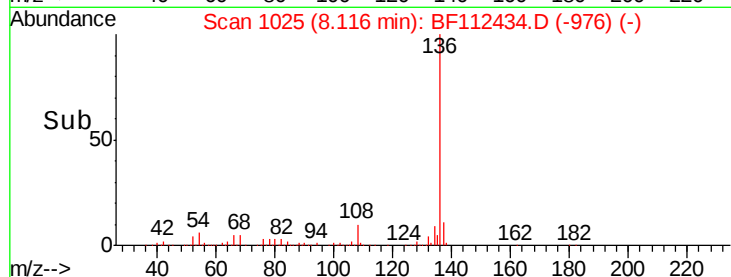
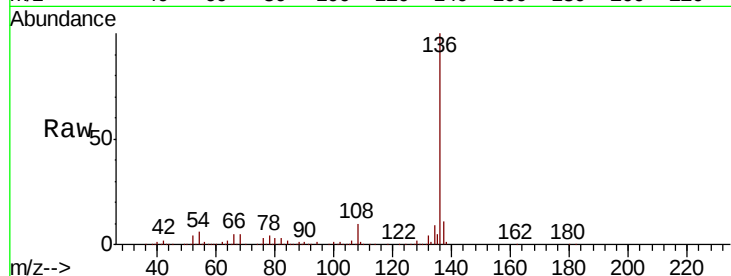




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

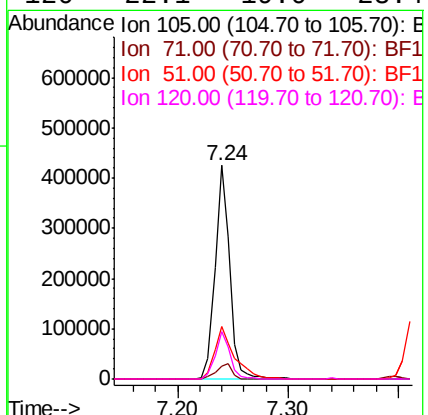
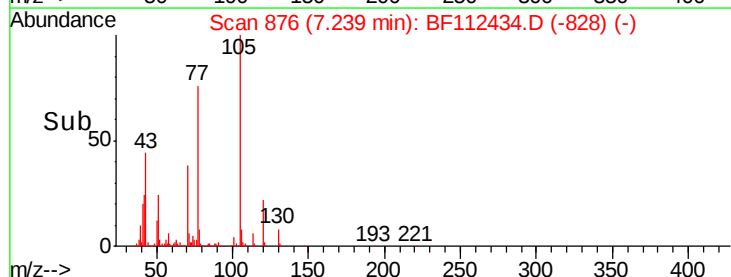
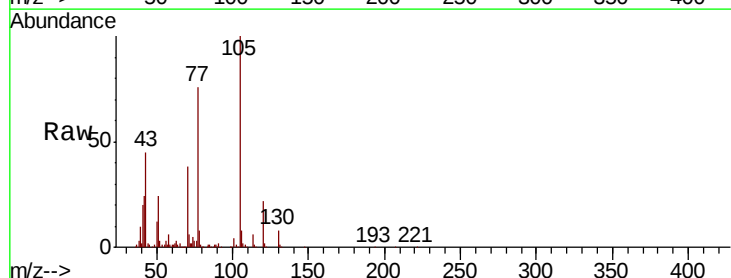
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

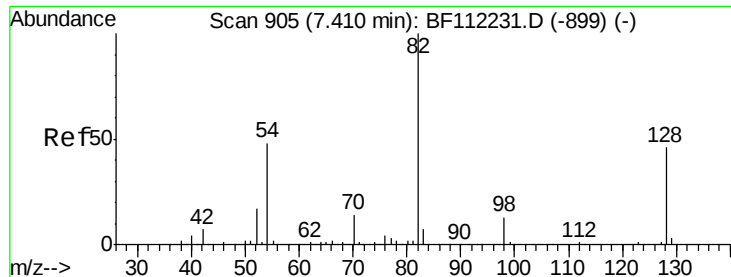
Tot Ion:136	Resp: 496713
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 6.3	5.9 8.9
68 4.7	5.1 7.7#



#22
Acetophenone
Concen: 32.062 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt	Ion:105	Resp:	387794
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.6	6.8
51	24.4	25.0	37.6#
120	22.1	19.0	28.4

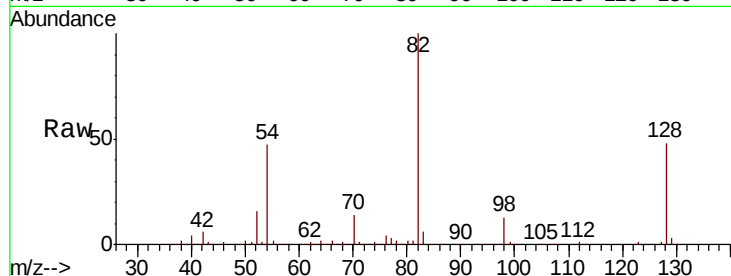




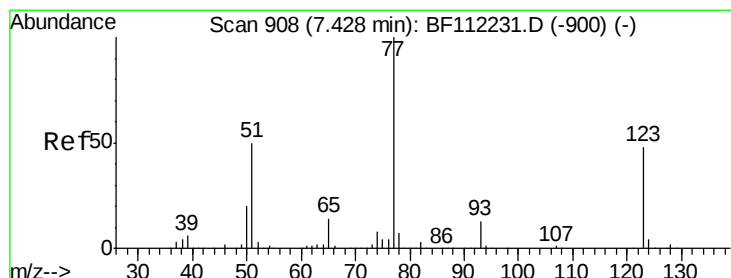
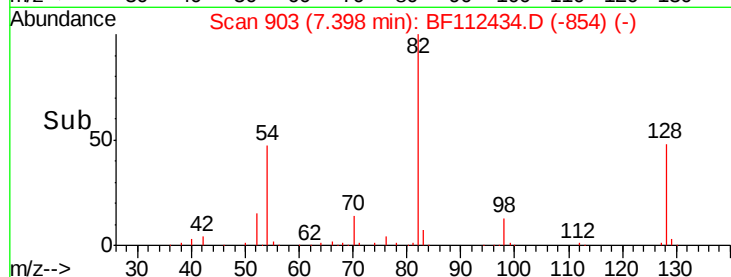
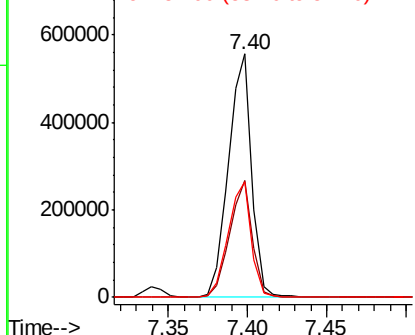
#23
Nitrobenzene-d5
Concen: 65.127 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion	82	Resp	561427
Ion Ratio	100	Lower	Upper
128	47.8	37.8	56.8
54	47.4	39.7	59.5

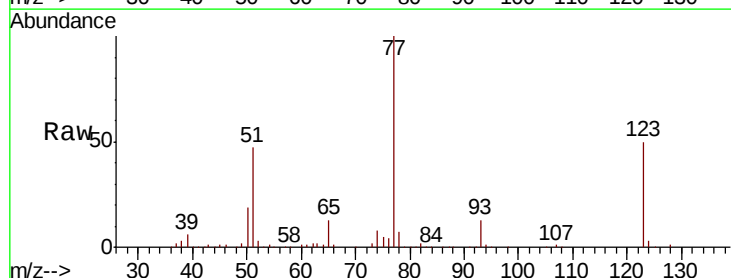


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

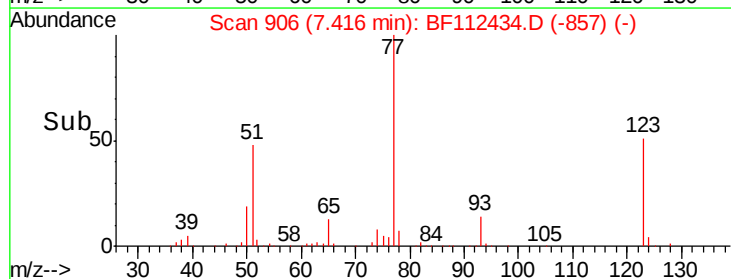
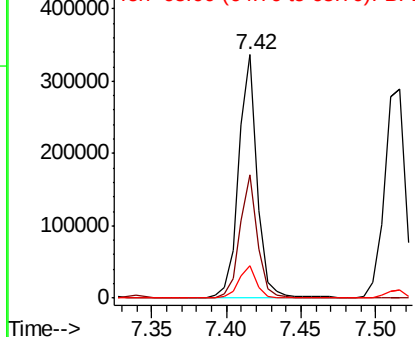


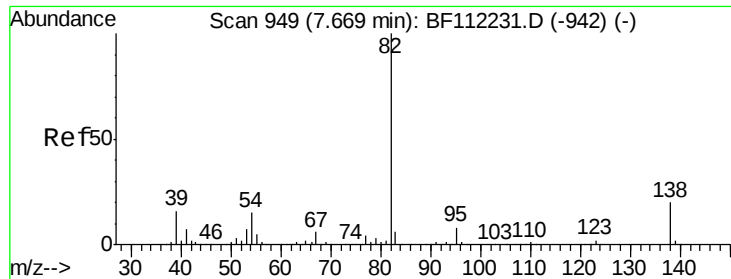
#24
Nitrobenzene
Concen: 33.544 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion	77	Resp	288791
Ion Ratio	100	Lower	Upper
123	50.5	38.4	57.6
65	13.2	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: 36.722 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

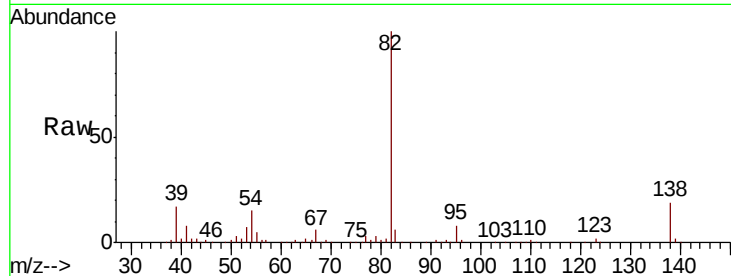
Tot Ion: 82 Resp: 496615

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

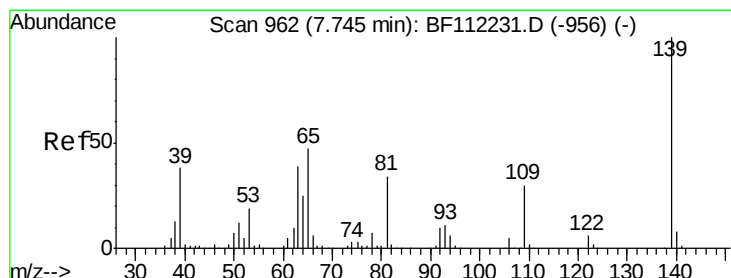
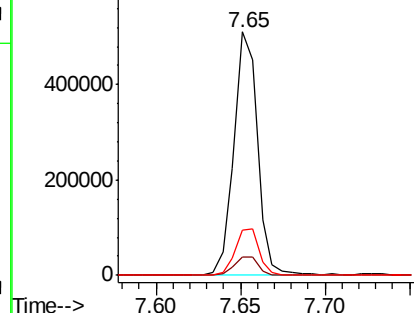
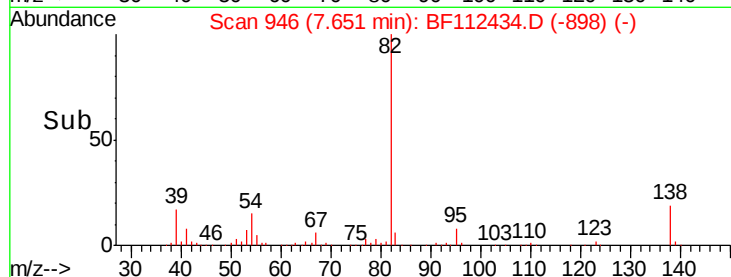
138 18.7 15.4 23.0



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: 34.188 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

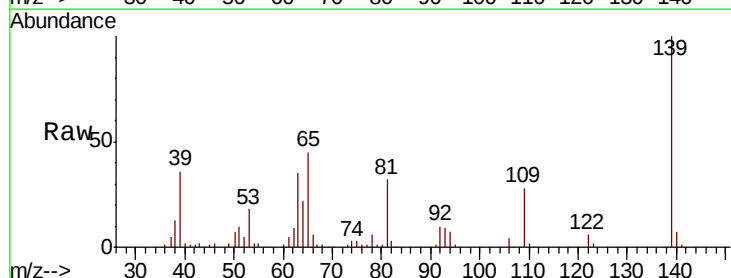
Tgt Ion: 139 Resp: 157300

Ion Ratio Lower Upper

139 100

109 28.1 20.8 31.2

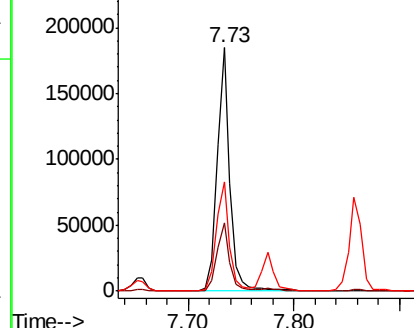
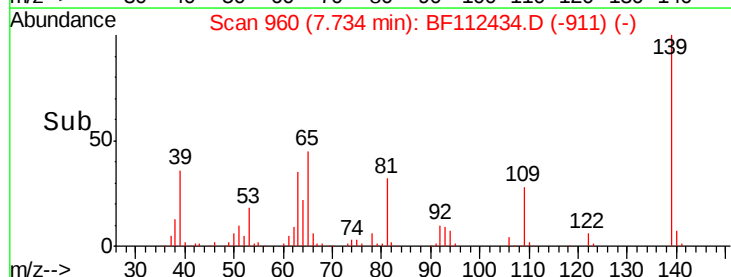
65 45.0 34.4 51.6

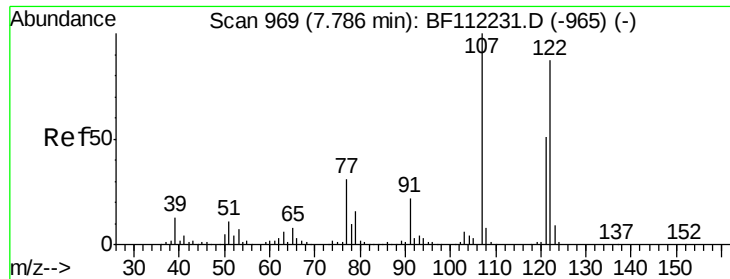


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

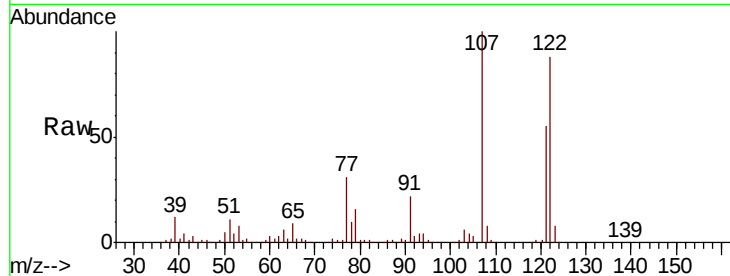




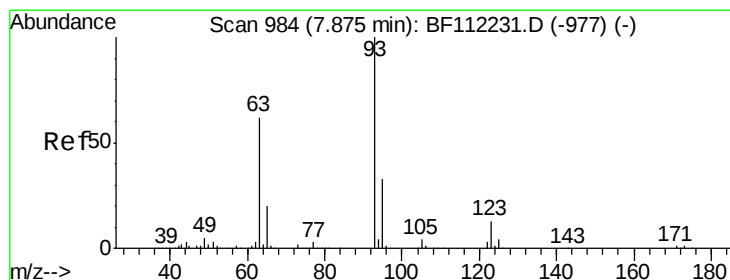
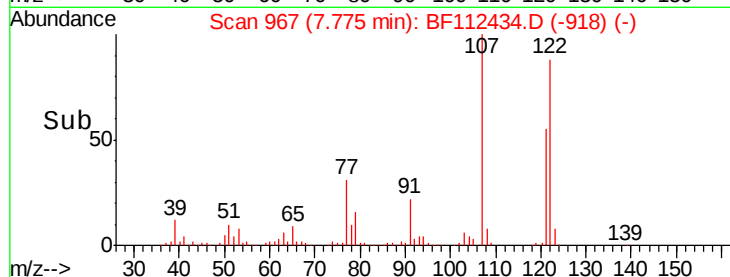
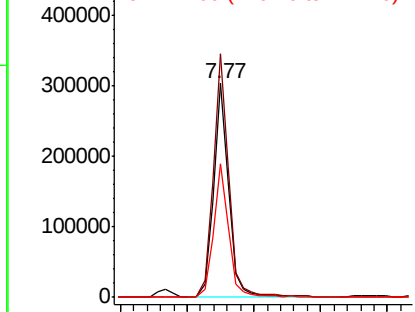
#27
2,4-Dimethylphenol
Concen: 38.770 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:122 Resp: 245764
Ion Ratio Lower Upper
122 100
107 113.7 85.4 128.0
121 62.3 47.0 70.4

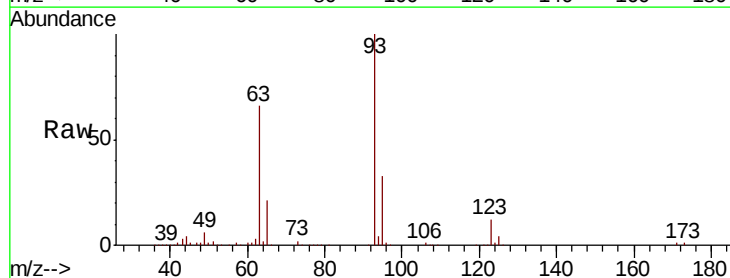


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

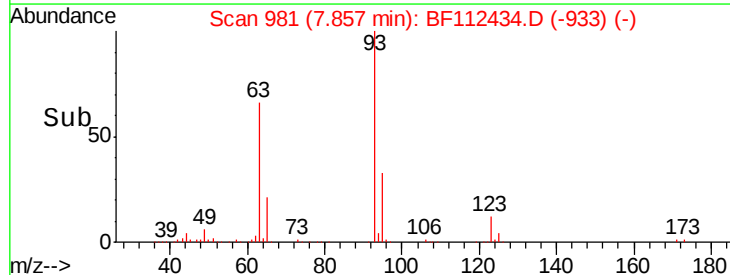
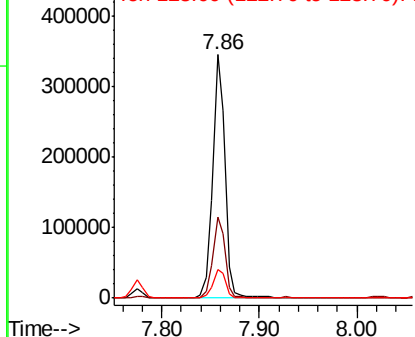


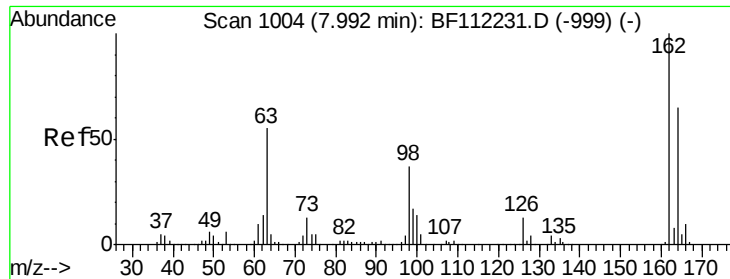
#28
bis(2-Chloroethoxy)methane
Concen: 32.986 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion: 93 Resp: 303751
Ion Ratio Lower Upper
93 100
95 33.2 26.8 40.2
123 11.9 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

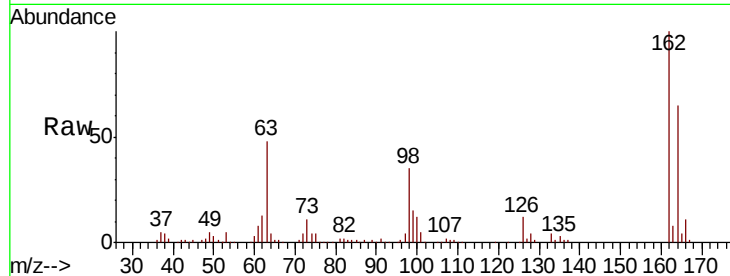




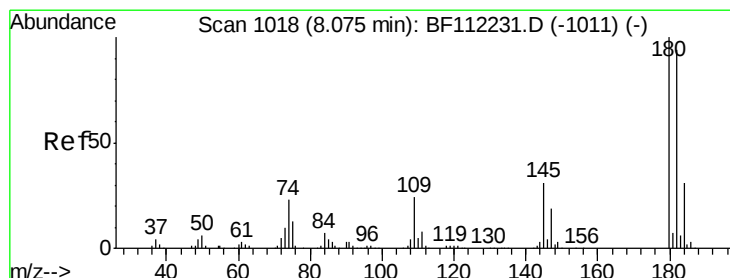
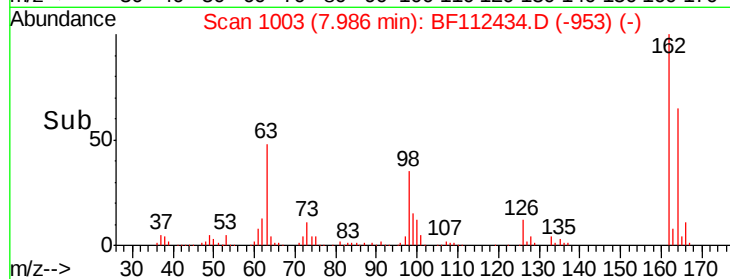
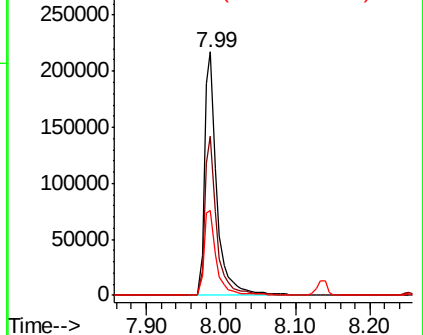
#29
2,4-Dichlorophenol
Concen: 35.167 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:162 Resp: 249473
Ion Ratio Lower Upper
162 100
164 65.4 44.6 84.6
98 34.7 14.6 54.6

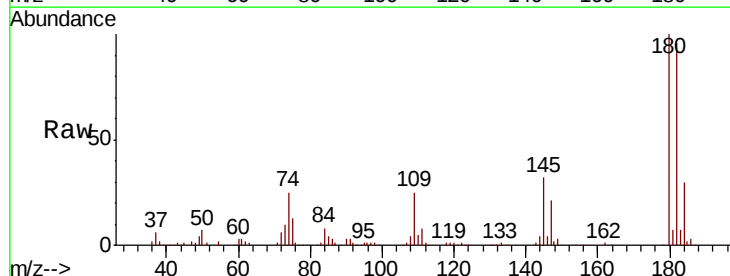


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

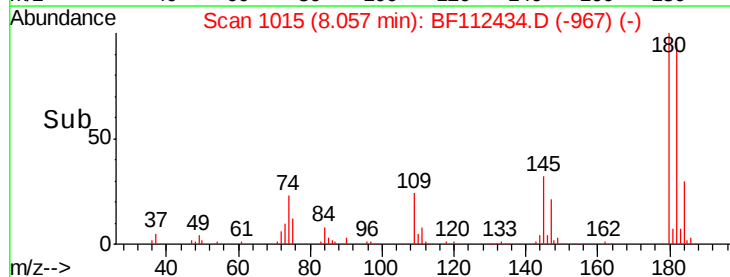
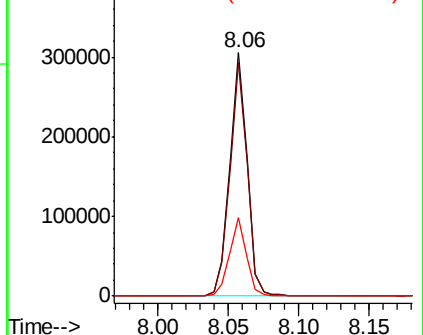


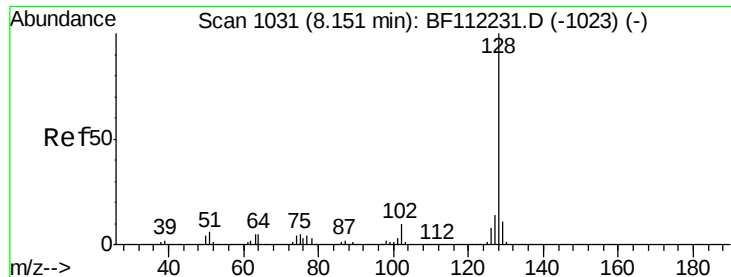
#30
1,2,4-Trichlorobenzene
Concen: 32.208 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:180 Resp: 262632
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 32.1 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

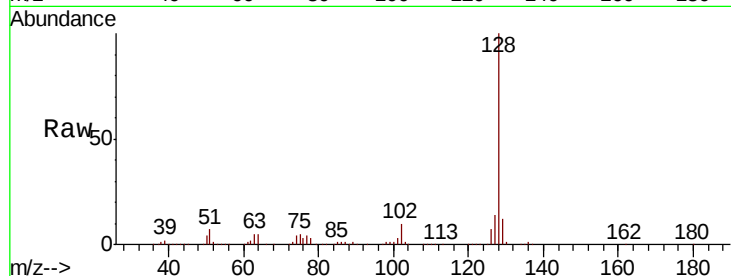




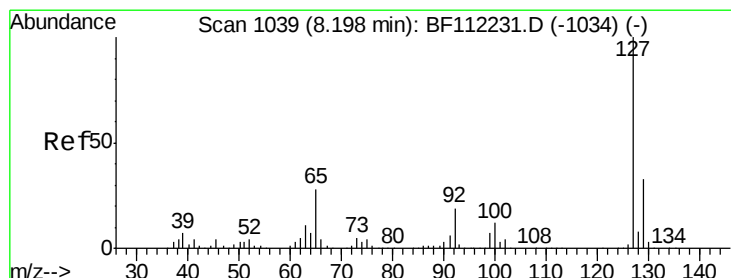
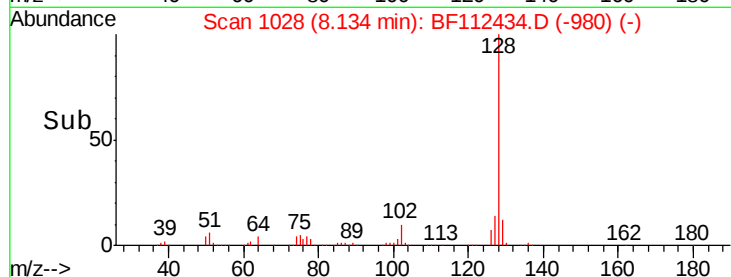
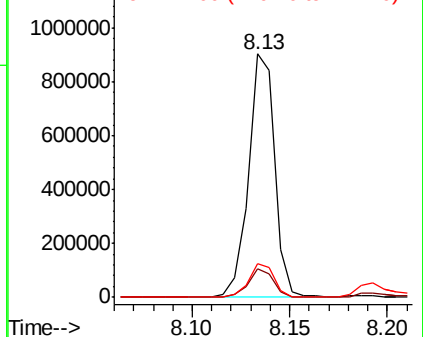
#31
Naphthalene
Concen: 36.183 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:128 Resp: 840468
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.7 11.1 16.7

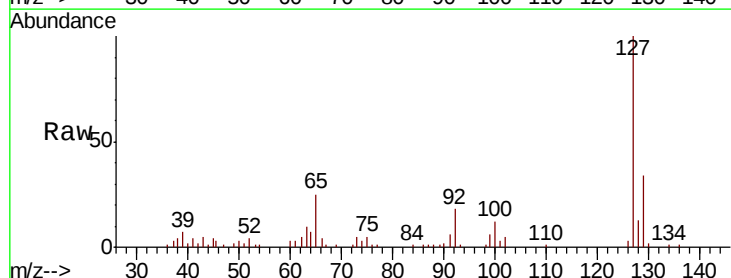


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

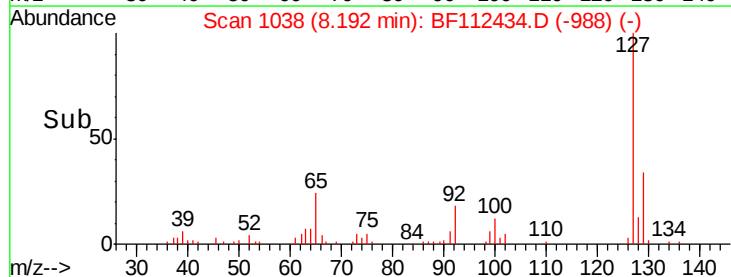
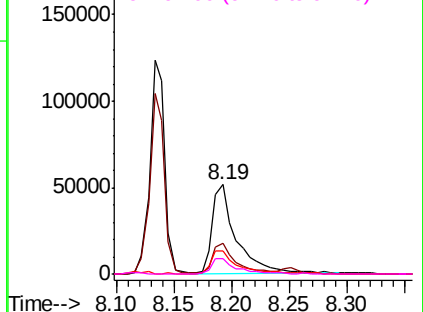


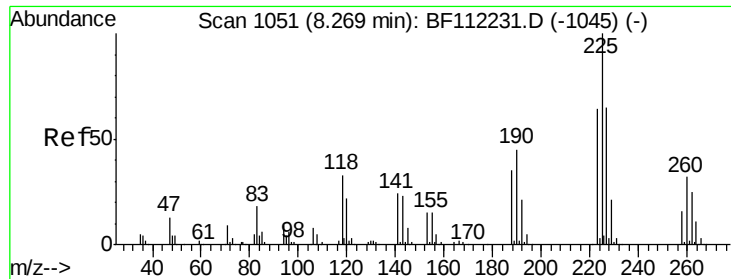
#33
4-Chloroaniline
Concen: 7.326 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:127 Resp: 74093
Ion Ratio Lower Upper
127 100
129 33.9 26.6 39.8
65 25.5 21.4 32.2
92 17.8 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

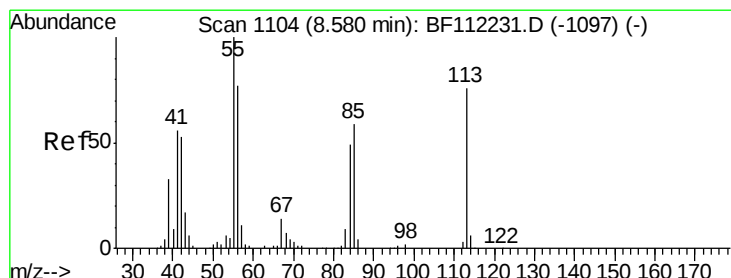
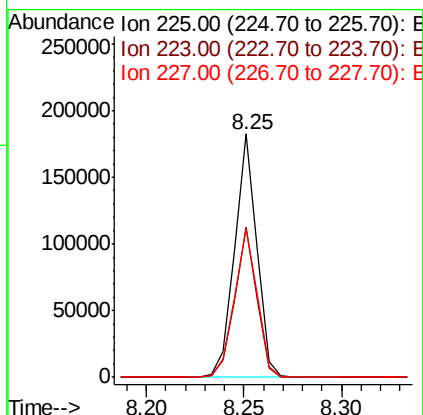
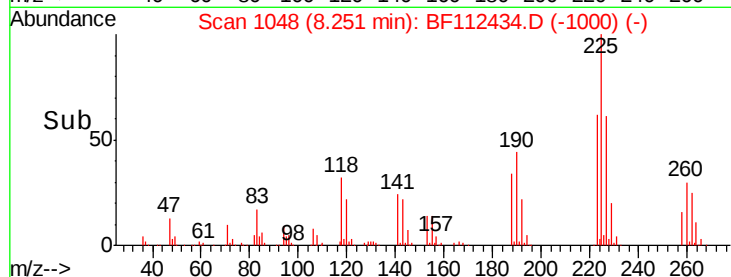
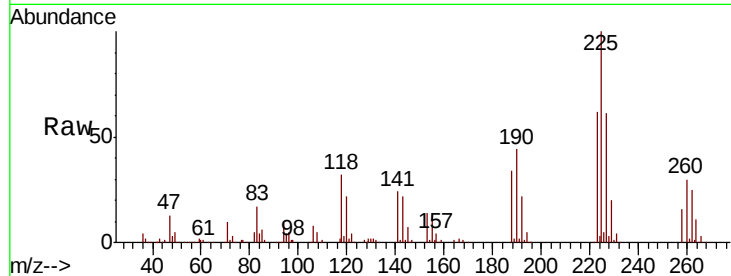




#34
Hexachlorobutadiene
Concen: 30.064 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

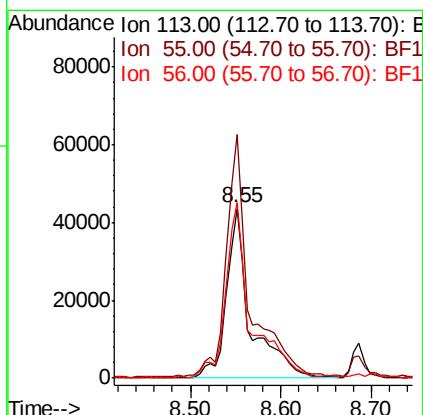
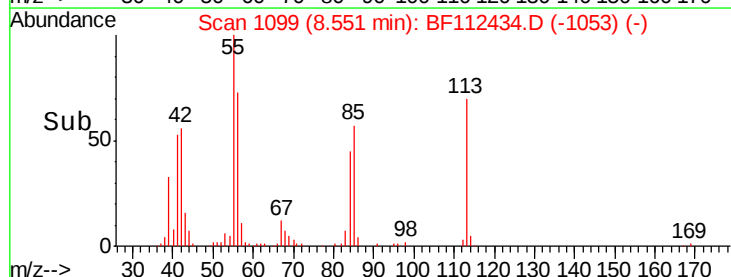
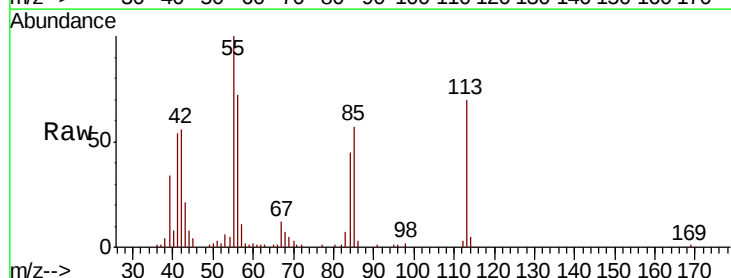
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

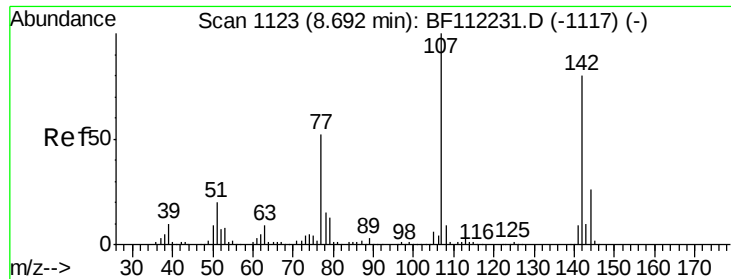
Tot Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.3	75.5
227	61.3	51.8	77.8



#35
Caprolactam
Concen: 32.130 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
113	100		
55	143.2	121.6	161.6
56	103.7	86.7	126.7

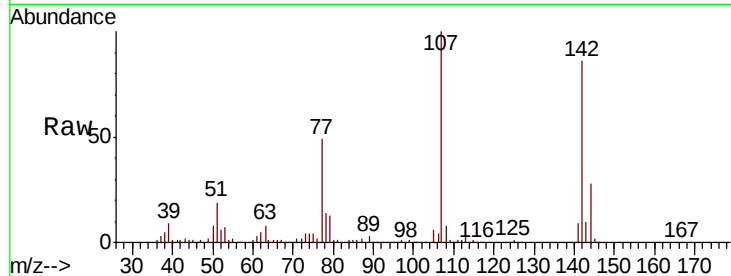




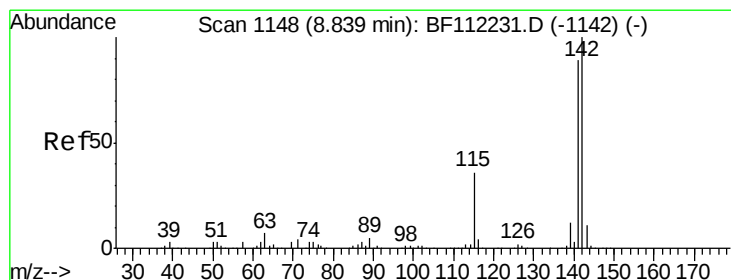
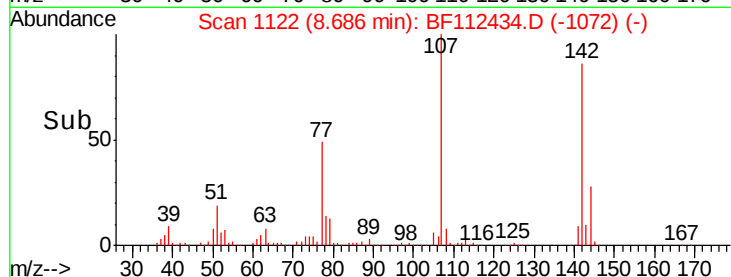
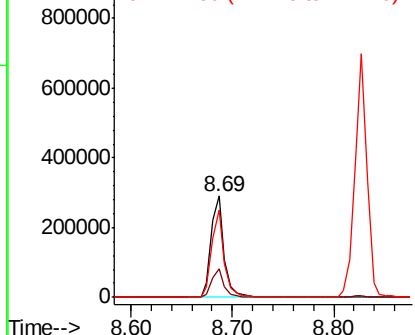
#36
4-Chloro-3-methylphenol
Concen: 34.735 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:107 Resp: 260850
Ion Ratio Lower Upper
107 100
144 27.6 22.2 33.2
142 86.4 67.7 101.5

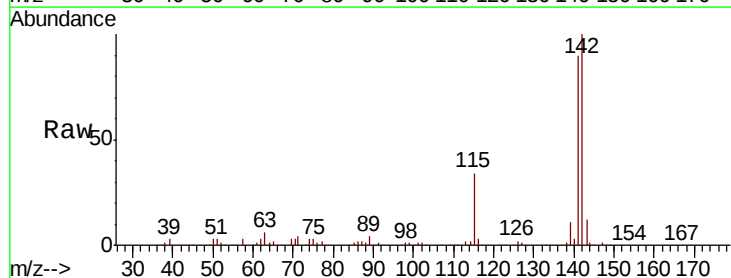


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

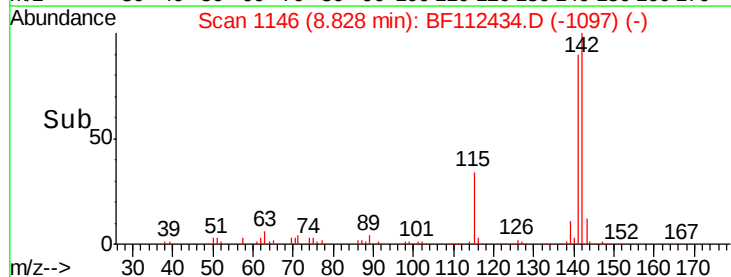
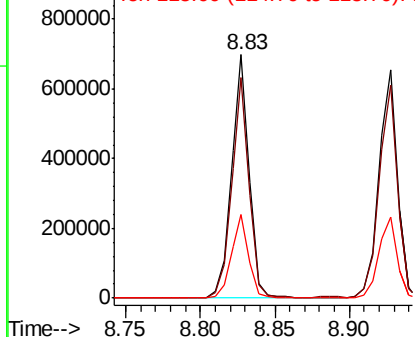


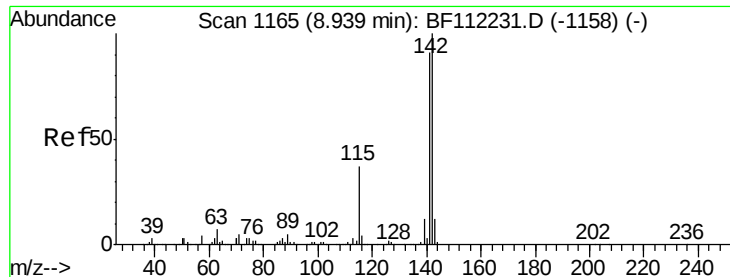
#37
2-Methylnaphthalene
Concen: 36.620 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:142 Resp: 582328
Ion Ratio Lower Upper
142 100
141 90.5 70.9 106.3
115 34.3 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

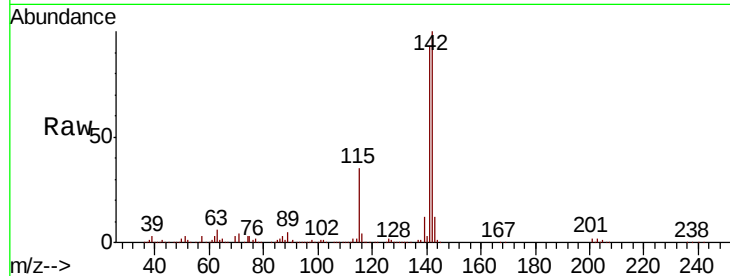




#38
1-Methylnaphthalene
Concen: 36.322 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.6	108.8
116	3.7	2.8	4.2

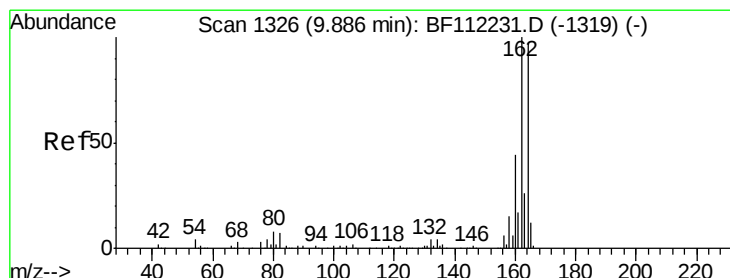
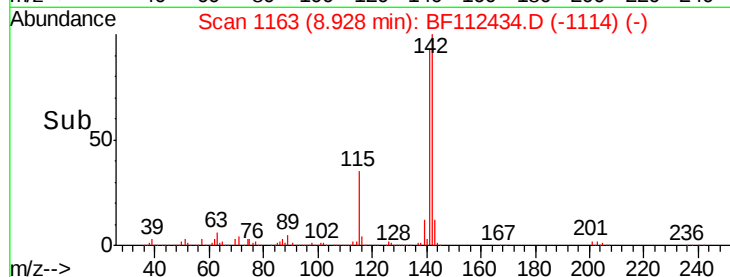
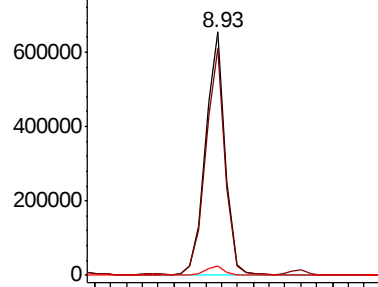


Abundance

Ion 142.00 (141.70 to 142.70): E

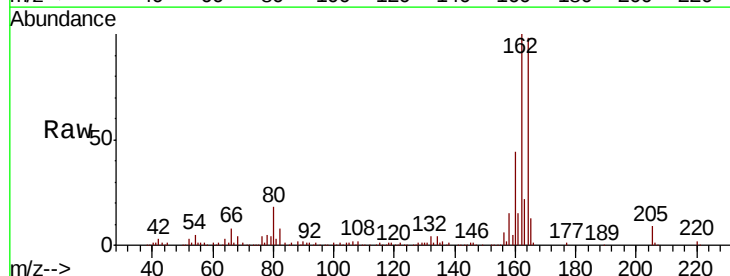
Ion 141.00 (140.70 to 141.70): E

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: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.2	123.4
160	45.4	36.2	54.4

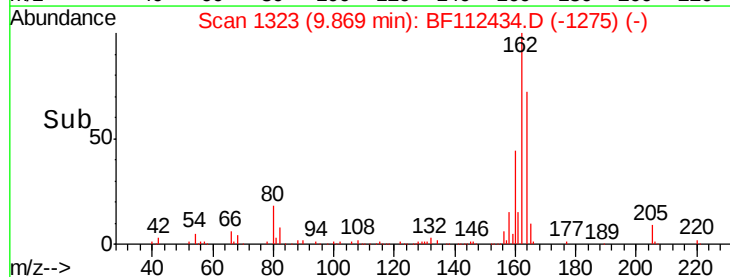
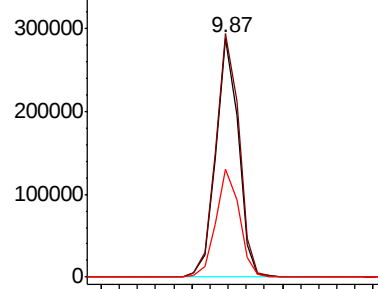


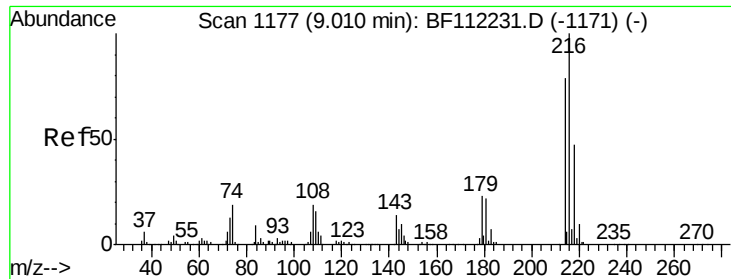
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

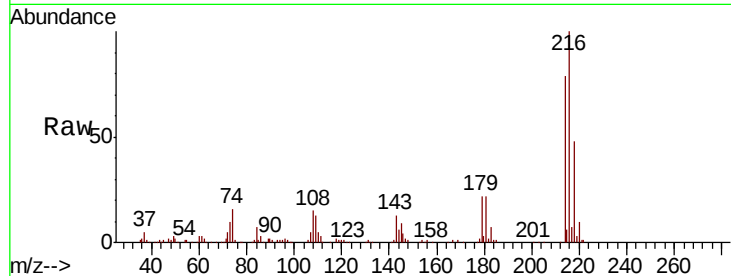




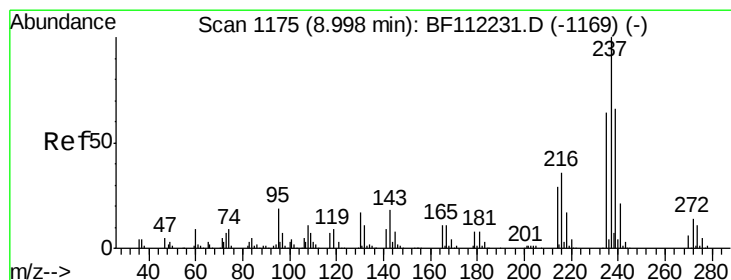
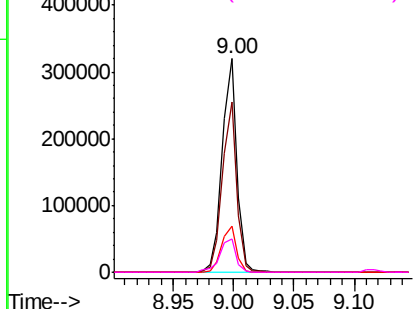
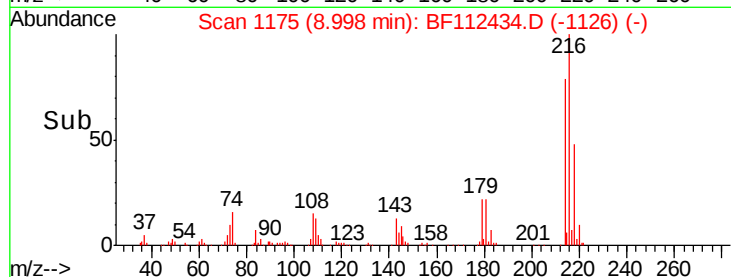
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.757 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion:216	Resp:	267165
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.8 95.6
179	22.1	16.9 25.3
108	17.7	14.2 21.4

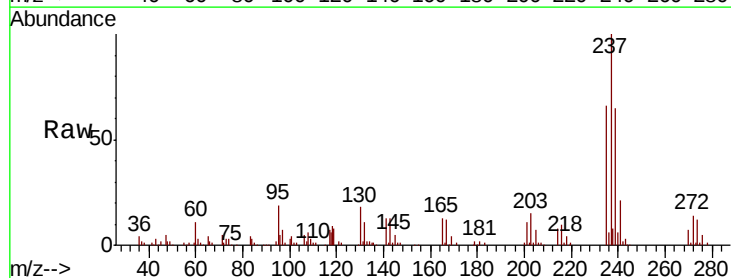


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

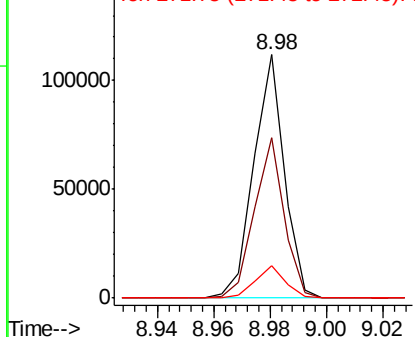
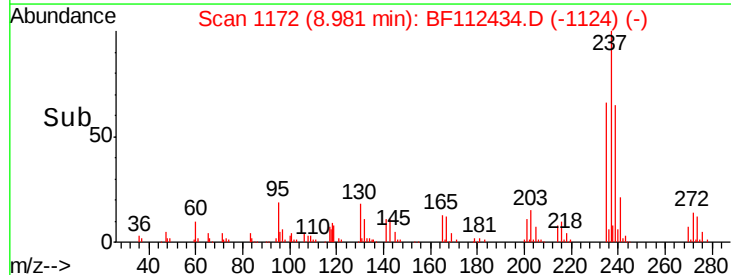


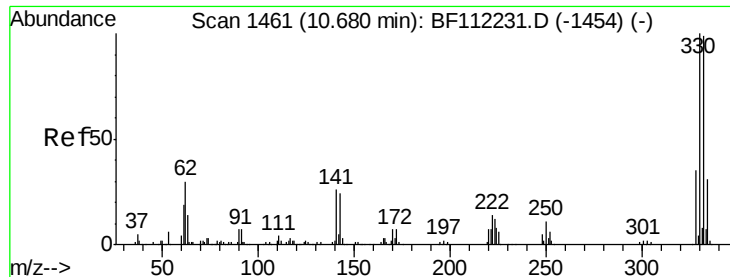
#41
 Hexachlorocyclopentadiene
 Concen: 33.415 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion:237	Resp:	83874
Ion Ratio	Lower	Upper
237	100	
235	66.1	44.0 84.0
272	13.6	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

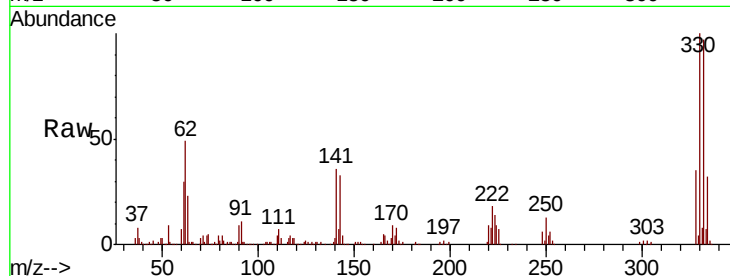




#42
 2,4,6-Tribromophenol
 Concen: 98.802 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

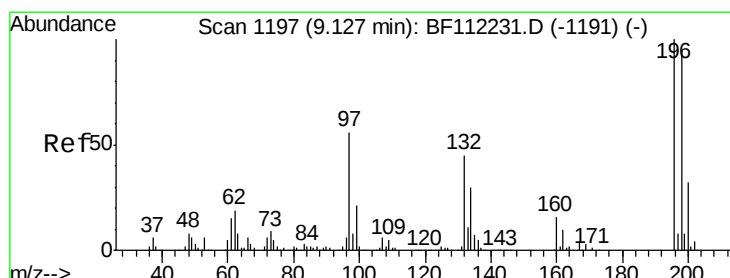
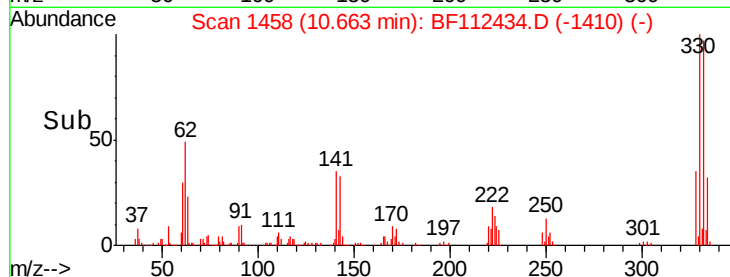
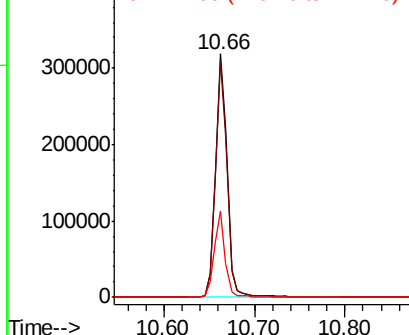
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	33.3	24.3	36.5



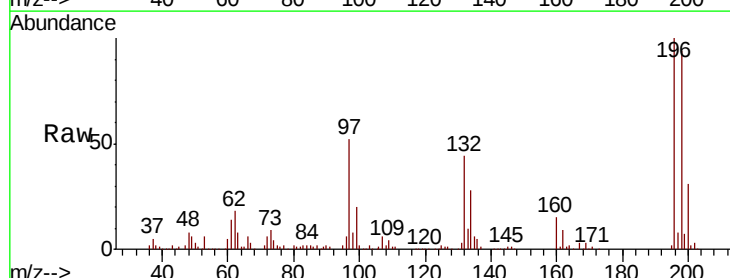
Abundance

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



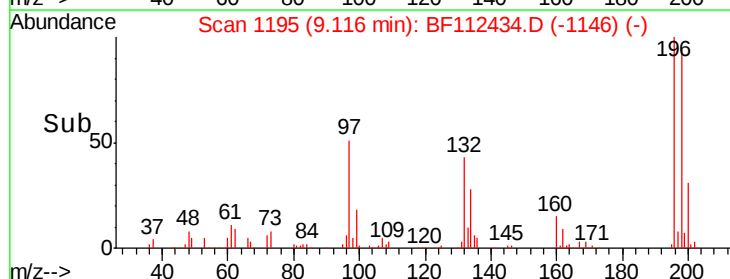
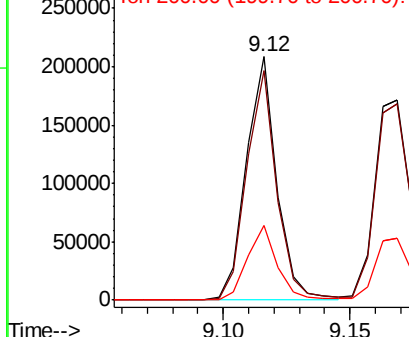
#43
 2,4,6-Trichlorophenol
 Concen: 34.657 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

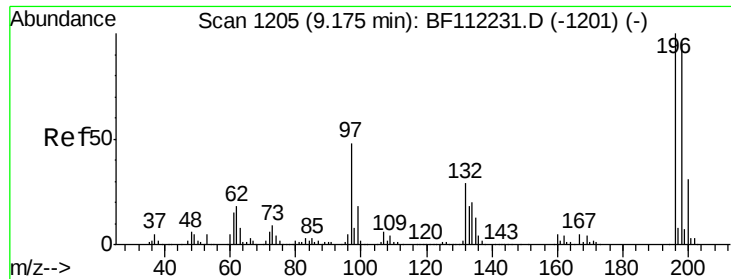
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.4
200	30.9	24.3	36.5



Abundance

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

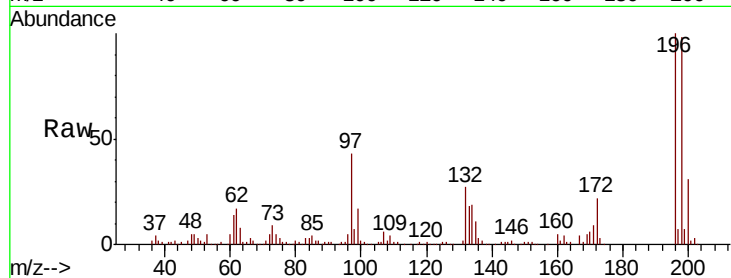




#44
 2,4,5-Trichlorophenol
 Concen: 35.152 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.0	114.0
97	42.8	36.4	54.6
132	26.8	21.5	32.3



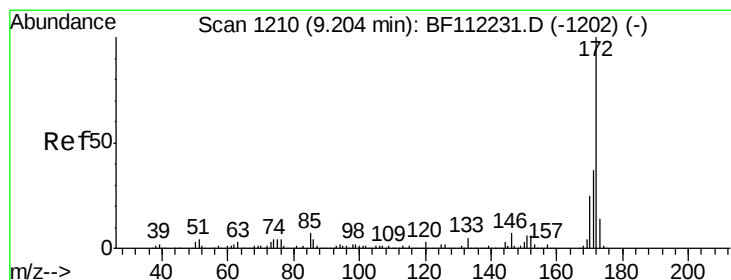
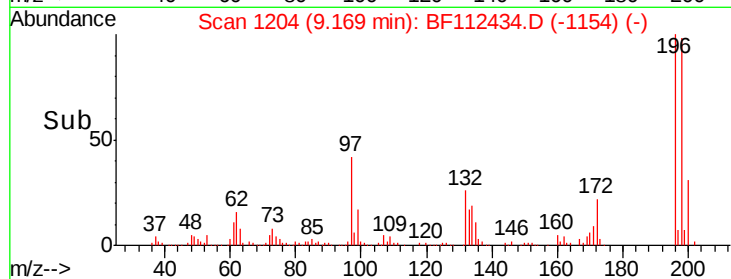
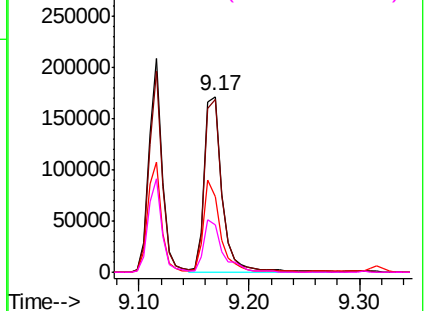
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

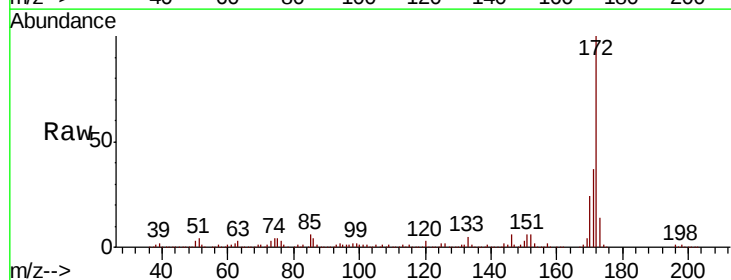
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.063 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.6	20.2	30.4

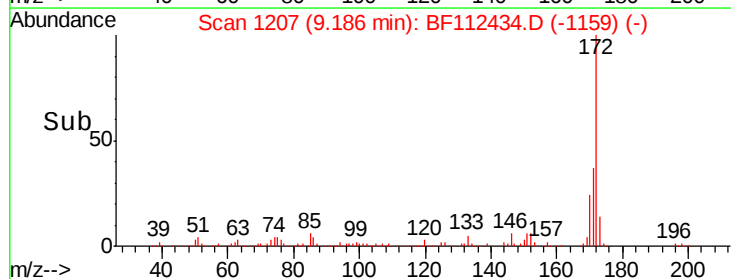
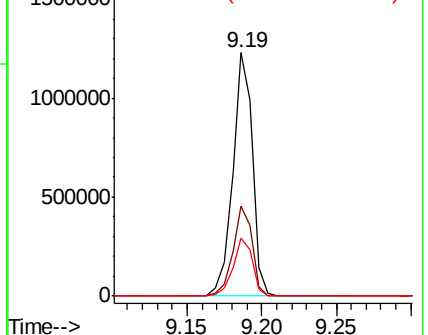


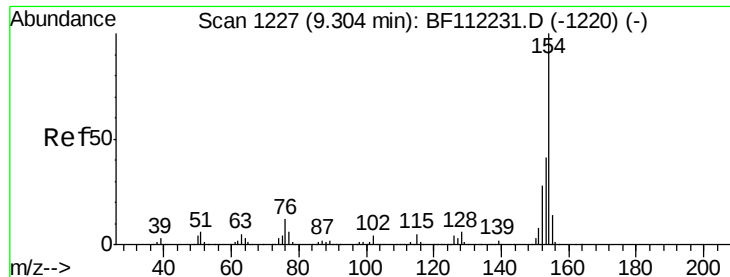
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

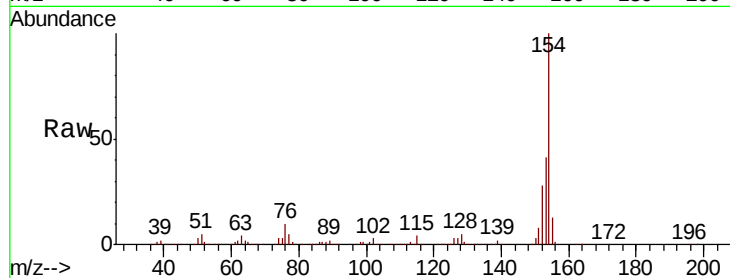




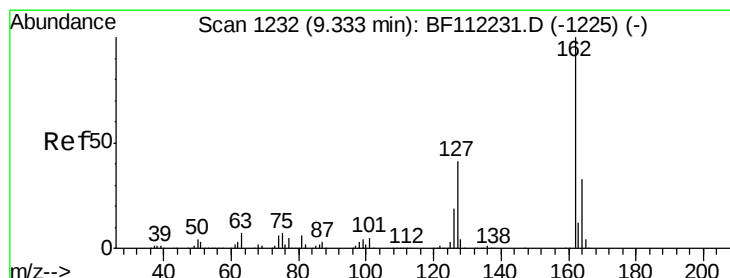
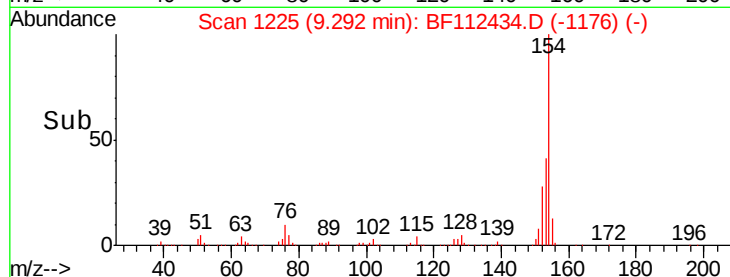
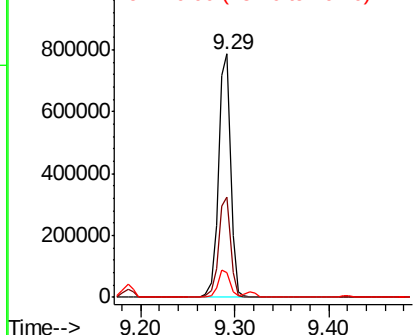
#46
 1,1'-Biphenyl
 Concen: 33.070 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	10.3	0.0	33.1

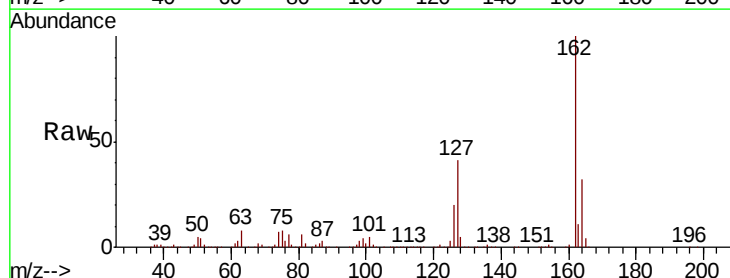


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

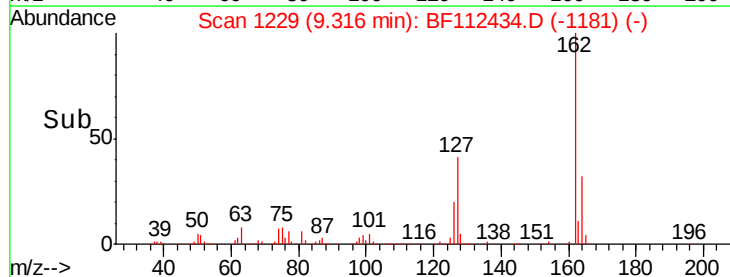
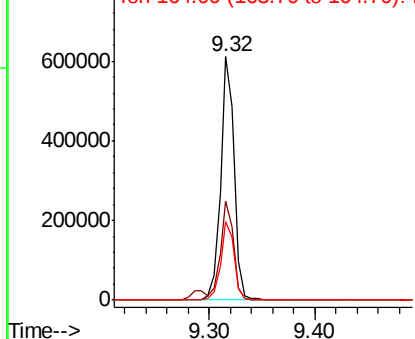


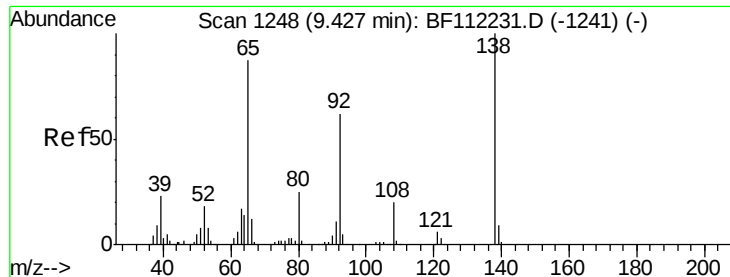
#47
 2-Chloronaphthalene
 Concen: 32.938 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.4	45.6
164	32.3	27.4	41.2



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

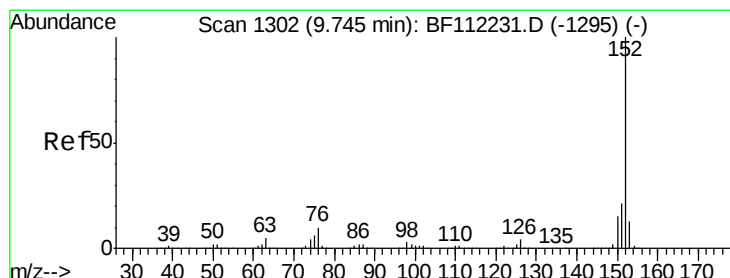
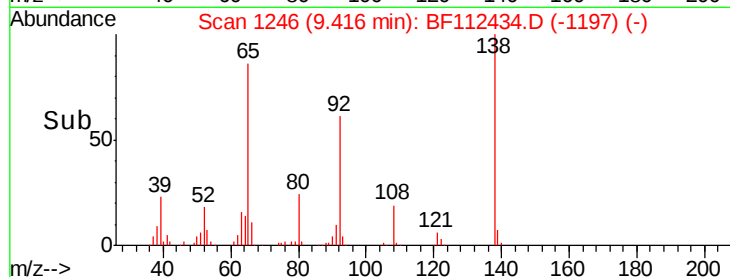
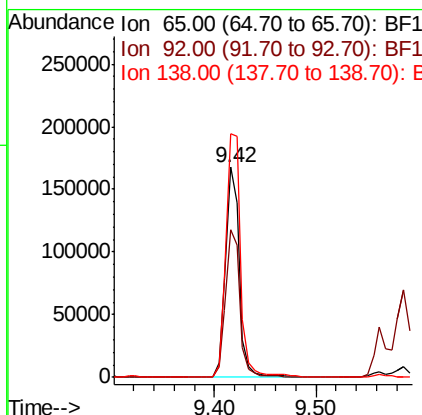
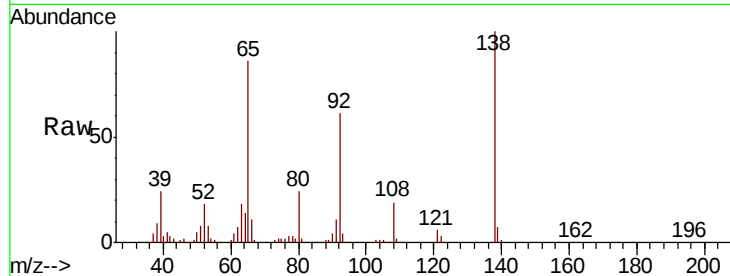




#48
 2-Nitroaniline
 Concen: 34.495 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

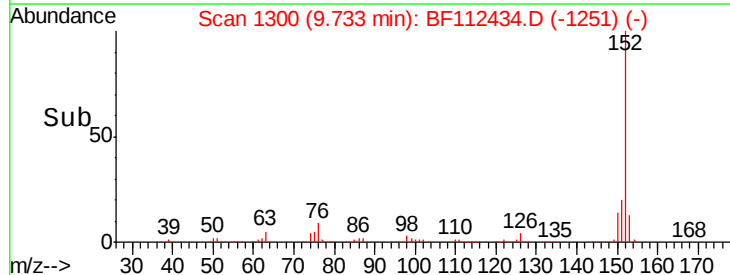
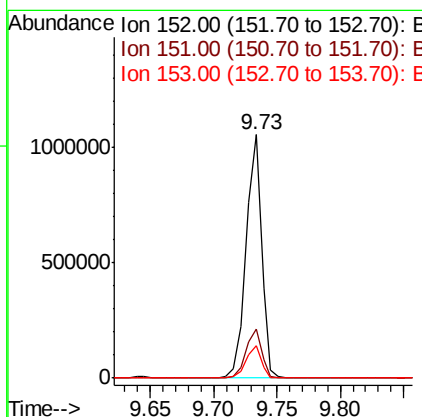
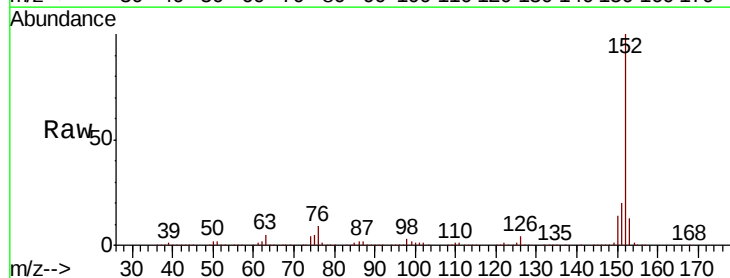
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

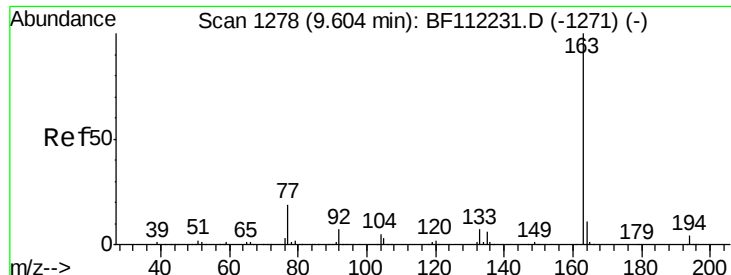
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	60.4	90.6
138	115.9	104.4	156.6



#49
 Acenaphthylene
 Concen: 36.314 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	13.3	11.2	16.8

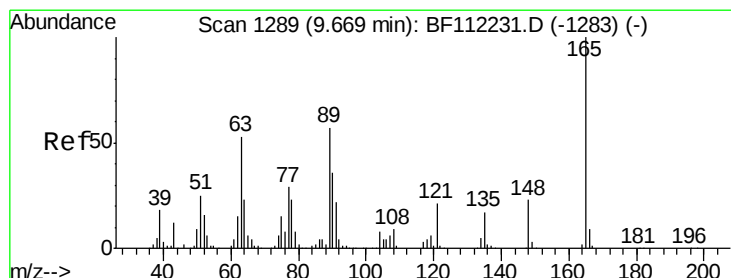
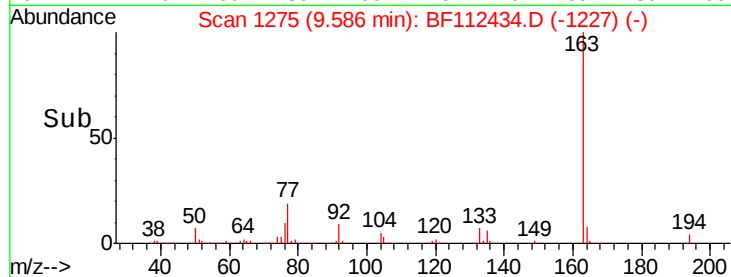
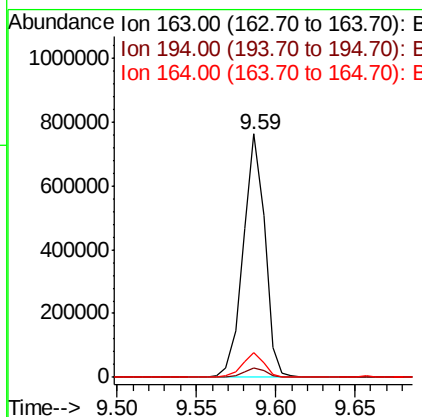
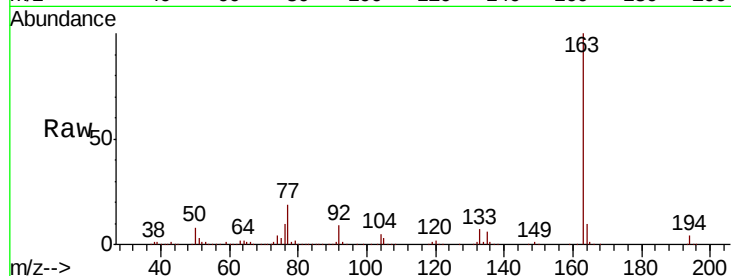




#50
Dimethylphthalate
Concen: 37.293 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

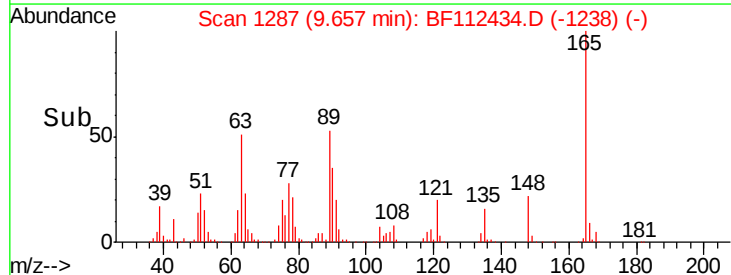
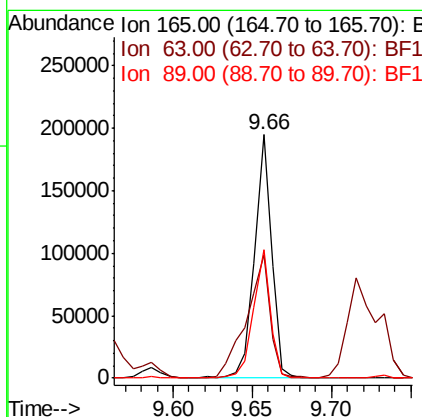
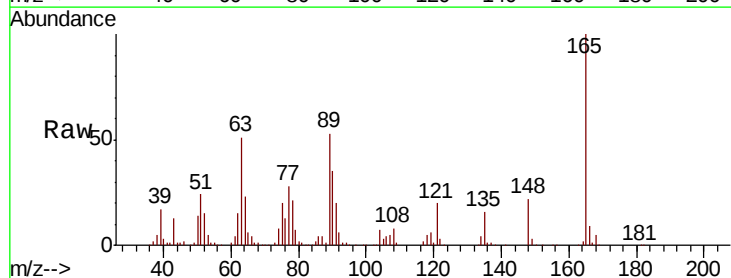
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

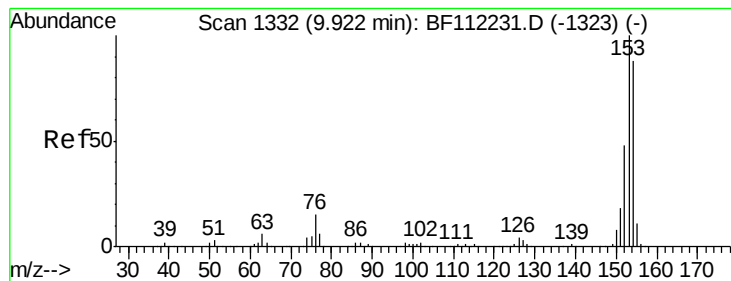
Tot Ion:163 Resp: 719748
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 33.991 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:165 Resp: 146922
Ion Ratio Lower Upper
165 100
63 50.8 33.8 50.8
89 52.9 36.9 55.3





#52

Acenaphthene

Concen: 34.784 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

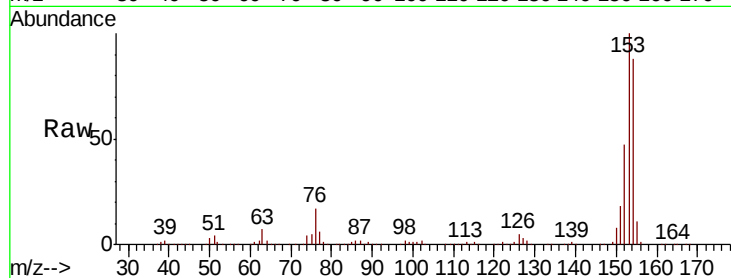
Tot Ion:154 Resp: 512890

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

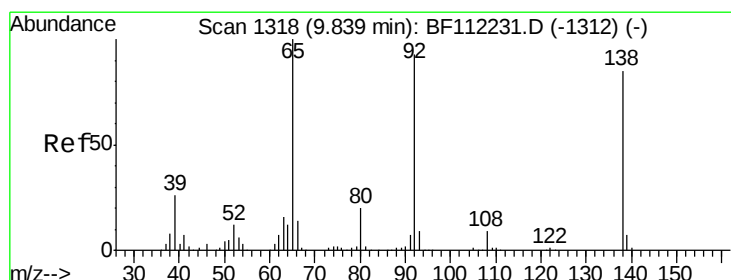
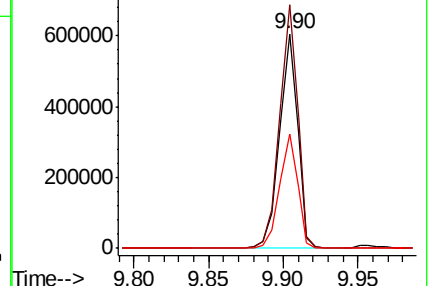
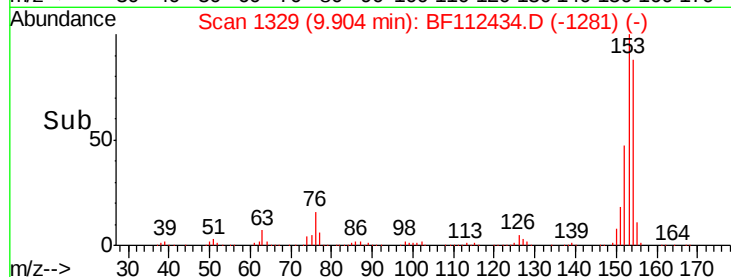
152 53.5 43.5 65.3



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: 19.352 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

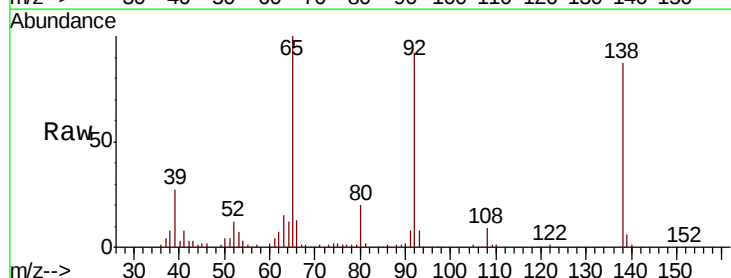
Tgt Ion:138 Resp: 90622

Ion Ratio Lower Upper

138 100

108 10.0 9.8 14.6

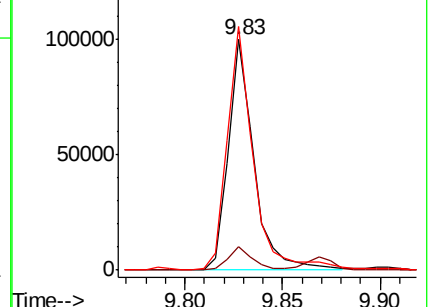
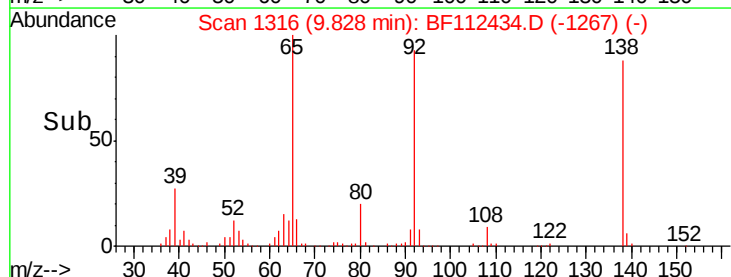
92 105.7 79.4 119.2

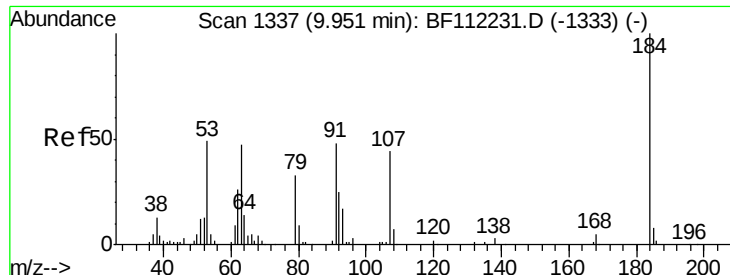


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

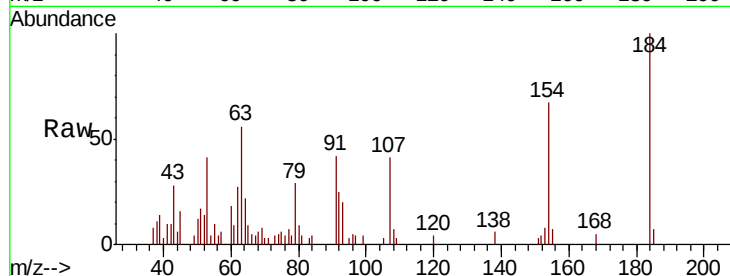




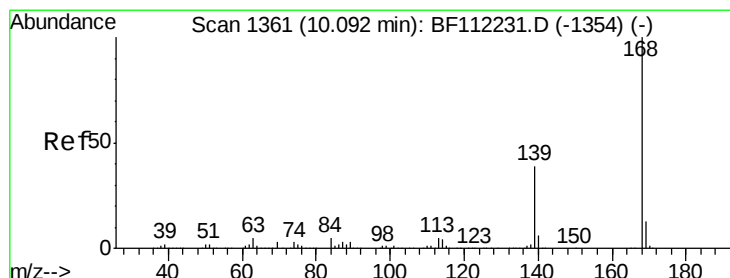
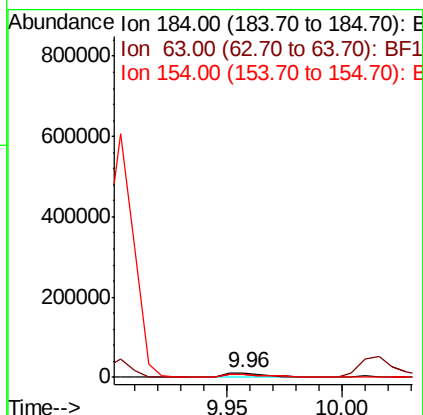
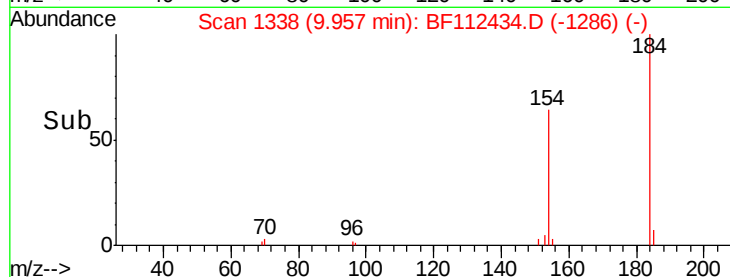
#54
2,4-Dinitrophenol
Concen: 11.595 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:184 Resp: 16085
Ion Ratio Lower Upper
184 100
63 55.8 47.1 70.7
154 66.6 48.9 73.3

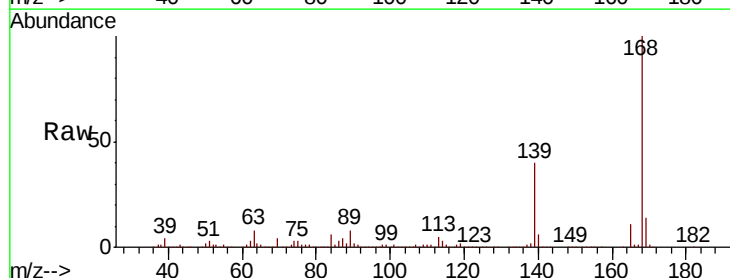


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

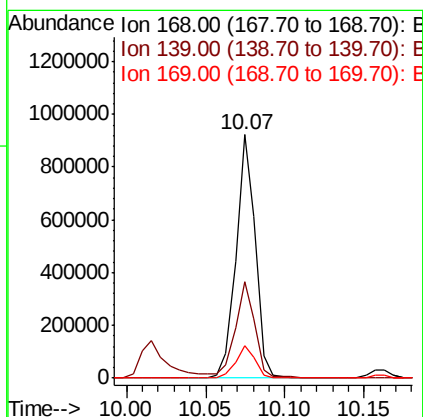
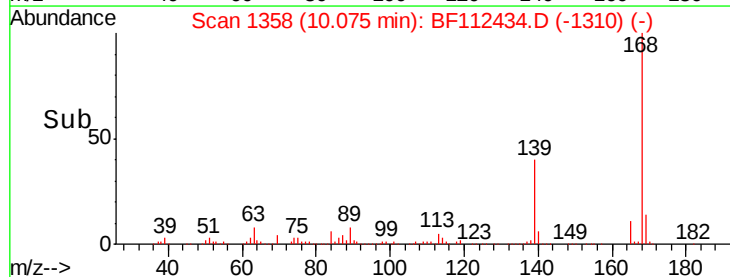


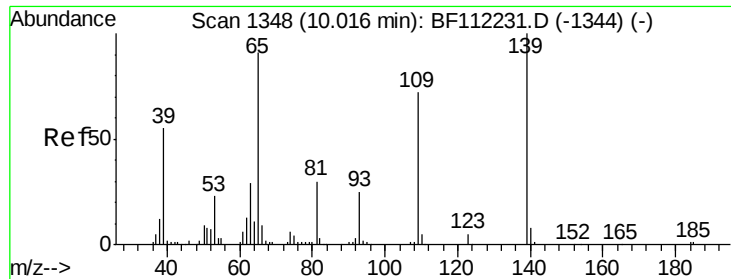
#55
Dibenzofuran
Concen: 34.461 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:168 Resp: 776508
Ion Ratio Lower Upper
168 100
139 39.8 29.2 43.8
169 13.5 11.4 17.0



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

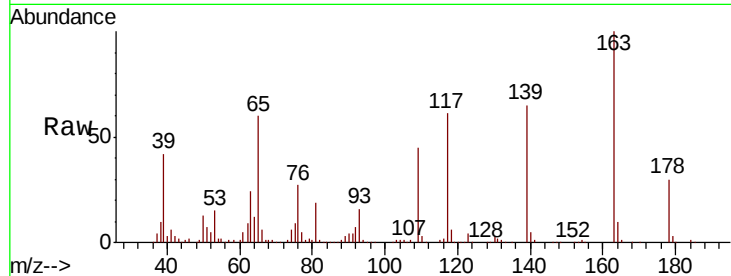




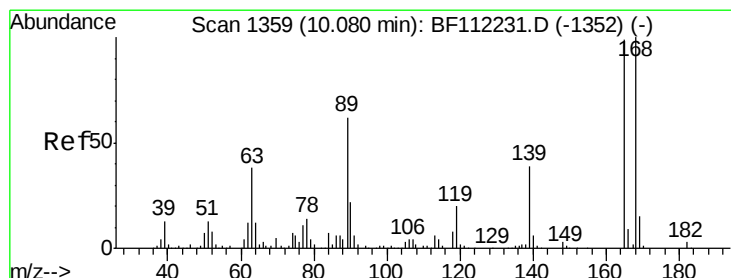
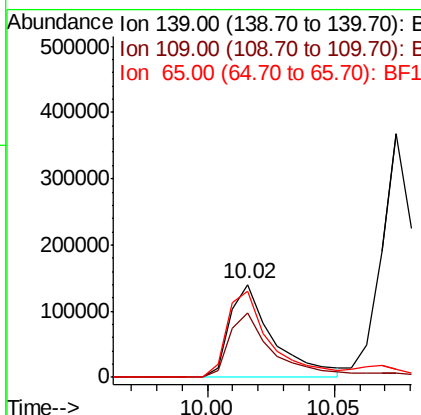
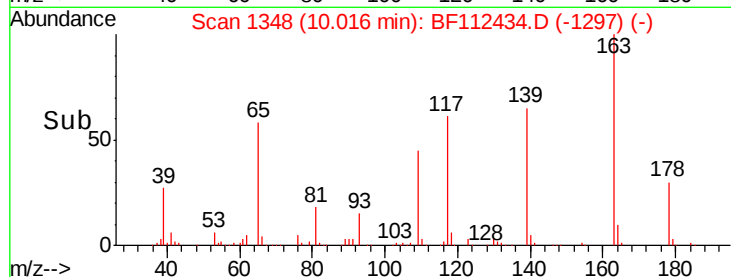
#56
4-Nitrophenol
Concen: 67.161 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:139 Resp: 166275
Ion Ratio Lower Upper
139 100
109 68.9 42.8 82.8
65 92.3 66.1 106.1

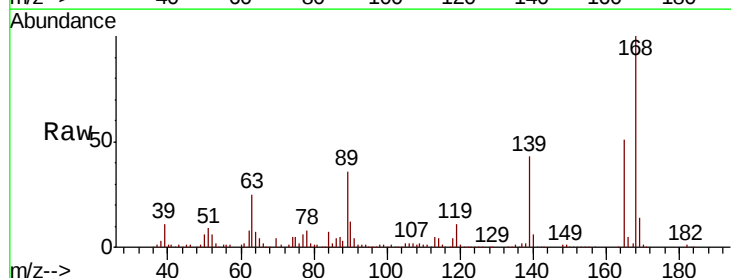


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

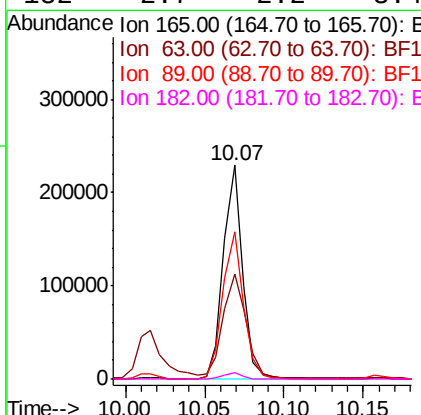
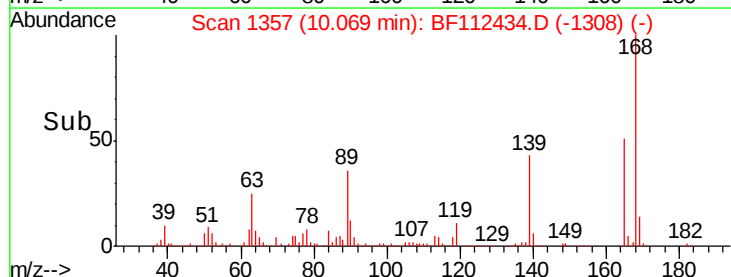


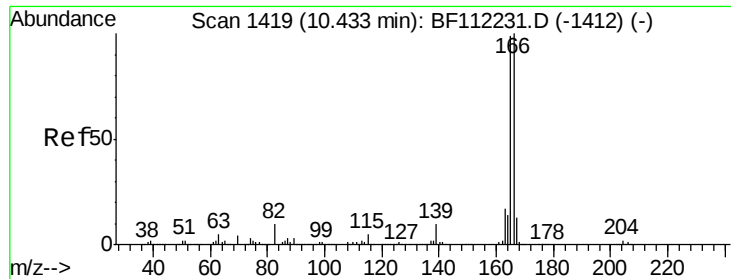
#57
2,4-Dinitrotoluene
Concen: 35.180 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:165 Resp: 193589
Ion Ratio Lower Upper
165 100
63 49.3 27.9 41.9#
89 69.2 47.9 71.9
182 2.7 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: 37.231 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

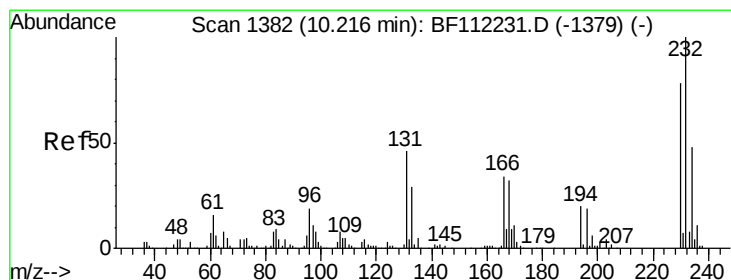
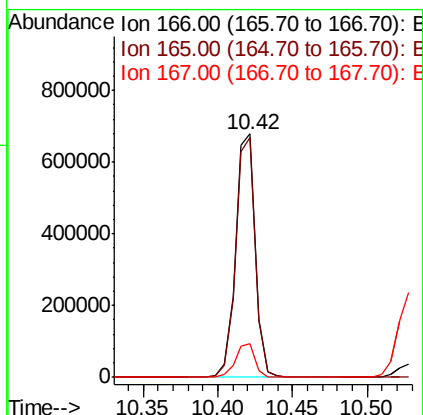
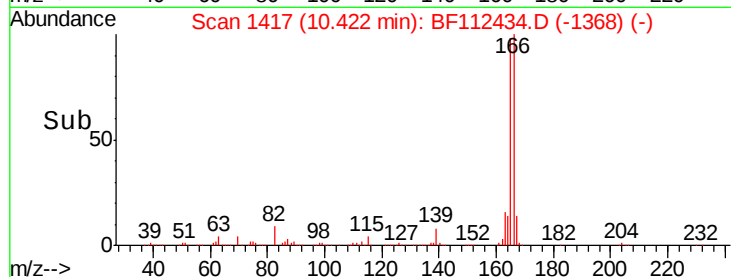
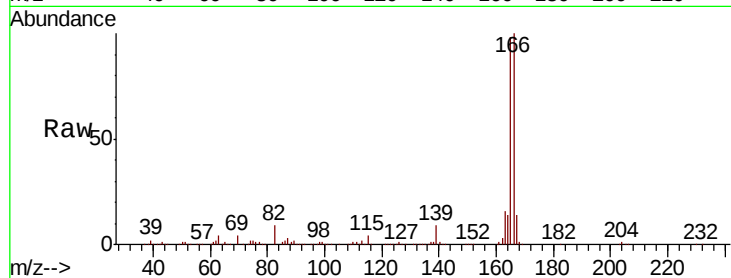
Tot Ion:166 Resp: 627784

Ion Ratio Lower Upper

166 100

165 98.2 77.1 115.7

167 13.6 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 35.982 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Tgt Ion:232 Resp: 142877

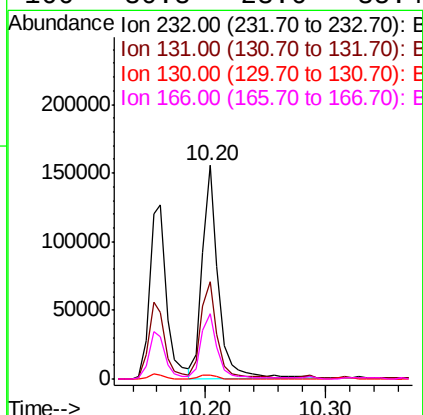
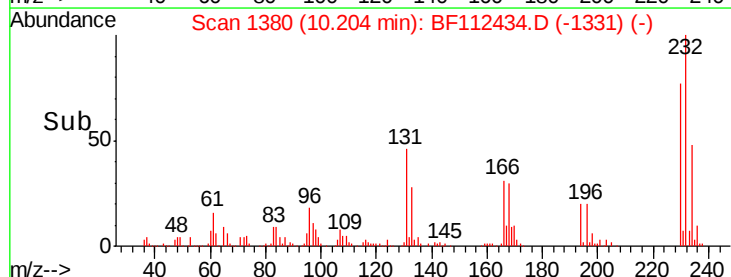
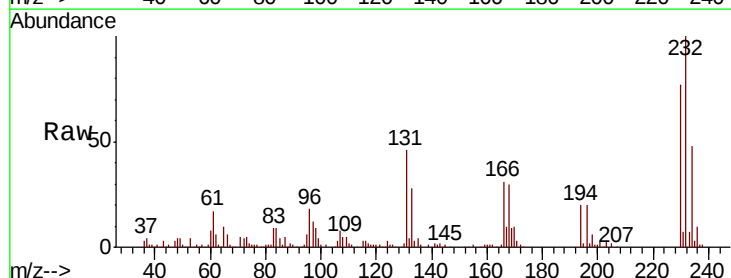
Ion Ratio Lower Upper

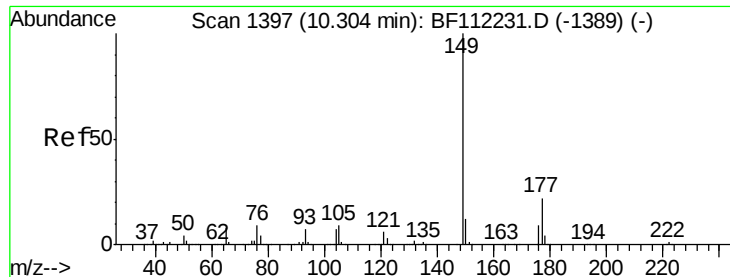
232 100

131 46.4 33.9 50.9

130 2.3 1.8 2.6

166 30.8 23.6 35.4

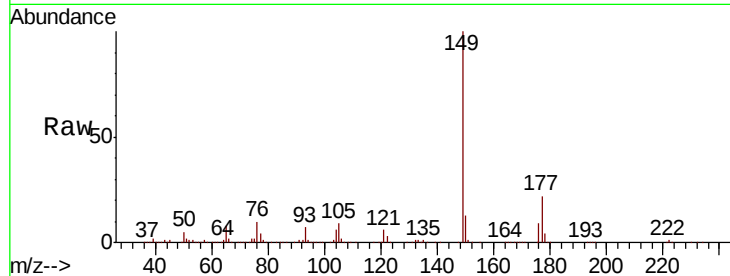




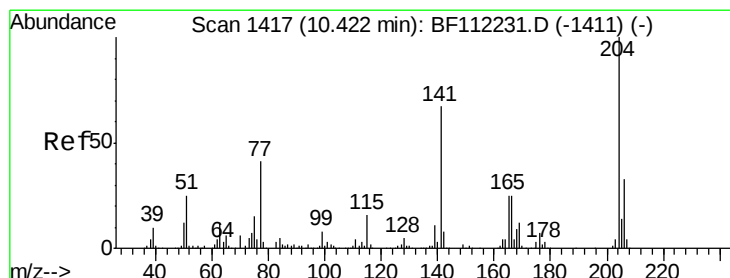
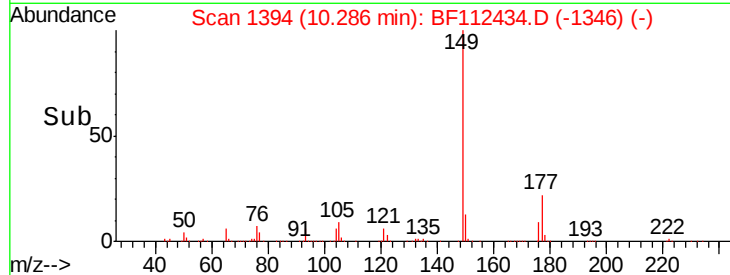
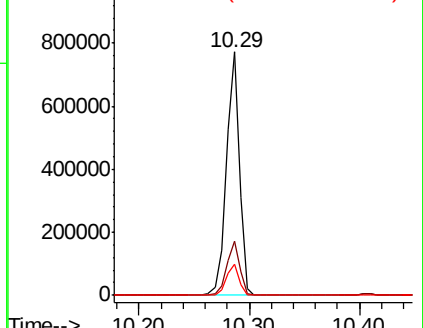
#60
Diethylphthalate
Concen: 33.548 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:149 Resp: 642550
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.5 10.4 15.6

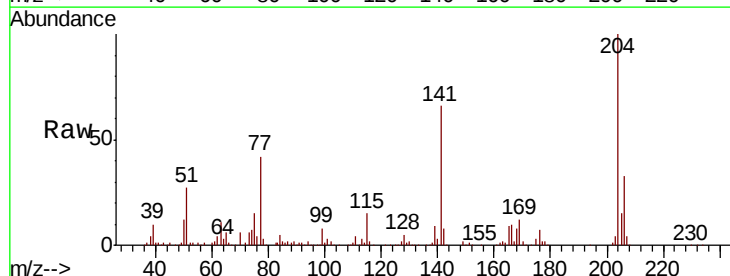


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

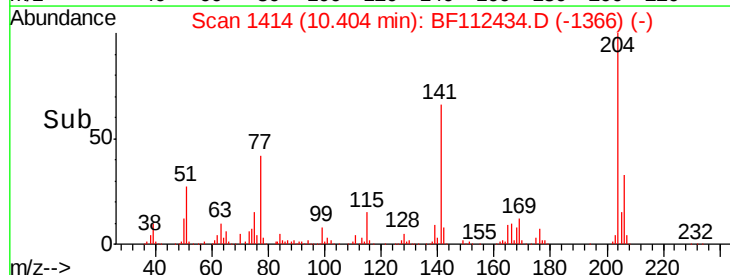
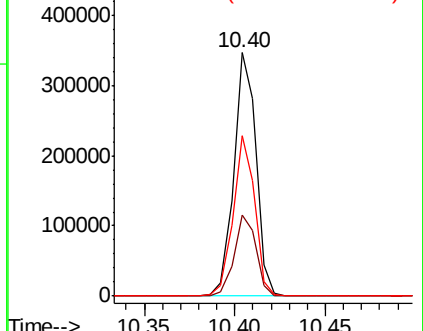


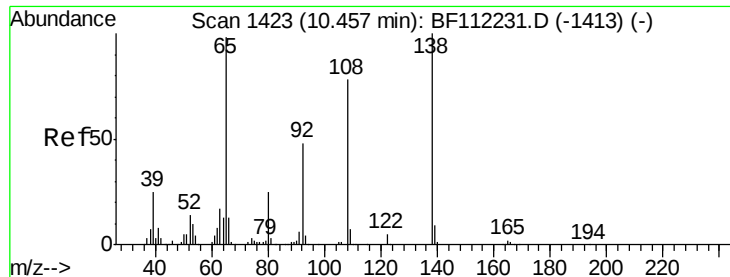
#61
4-Chlorophenyl-phenylether
Concen: 32.155 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:204 Resp: 294937
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 66.0 45.9 68.9



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





#62

4-Nitroaniline

Concen: 30.855 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

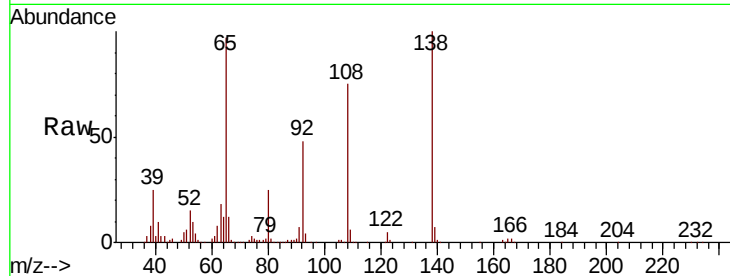
Tot Ion:138 Resp: 141723

Ion Ratio Lower Upper

138 100

92 47.9 30.6 70.6

108 75.4 50.0 90.0

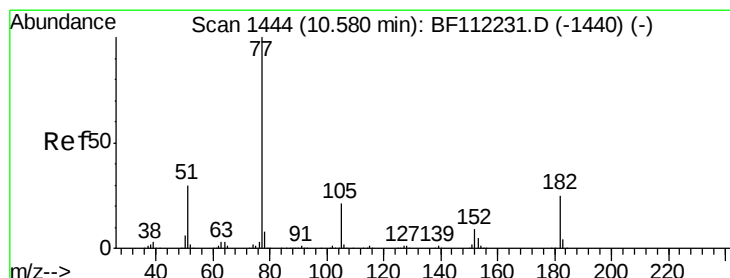
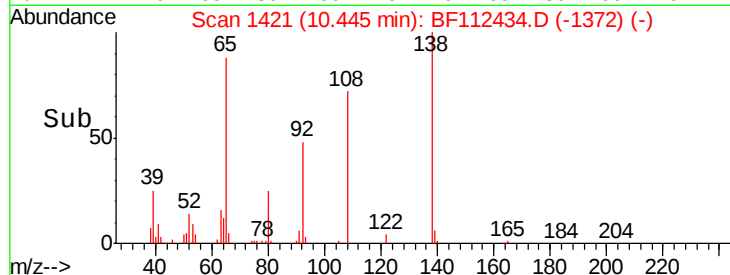
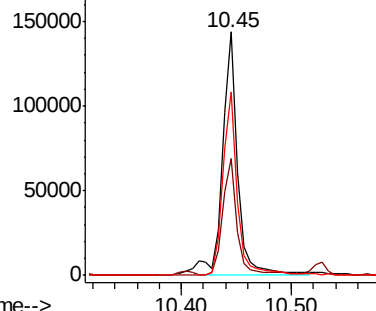


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 33.246 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Tgt Ion: 77 Resp: 560025

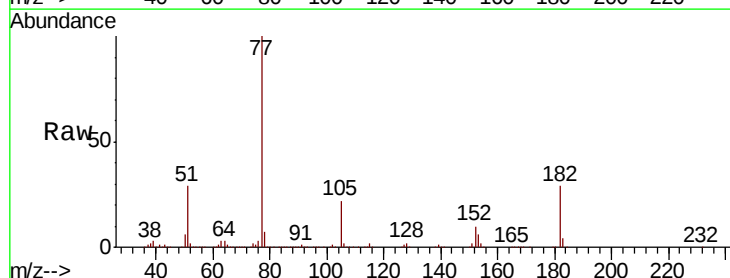
Ion Ratio Lower Upper

77 100

182 29.3 5.7 45.7

105 21.8 1.4 41.4

51 29.0 9.5 49.5



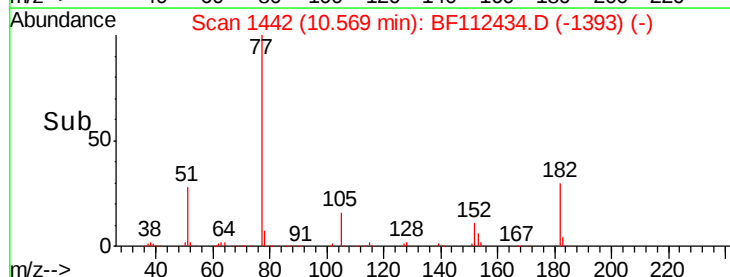
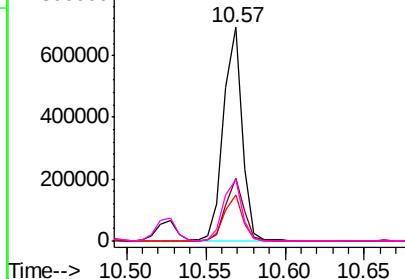
Abundance

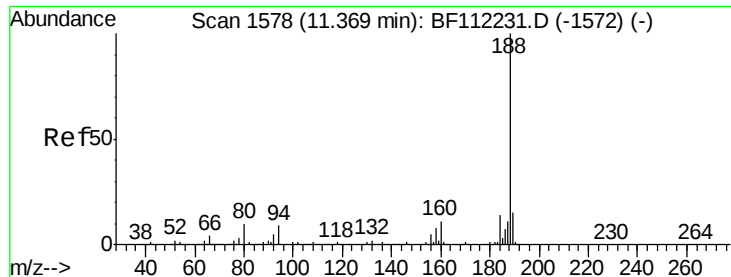
Ion 77.00 (76.70 to 77.70): BF1

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: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

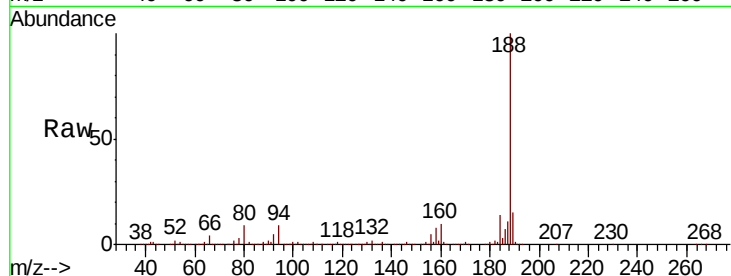
Tot Ion:188 Resp: 477518

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

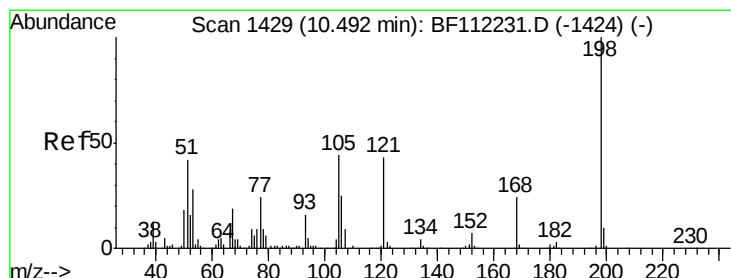
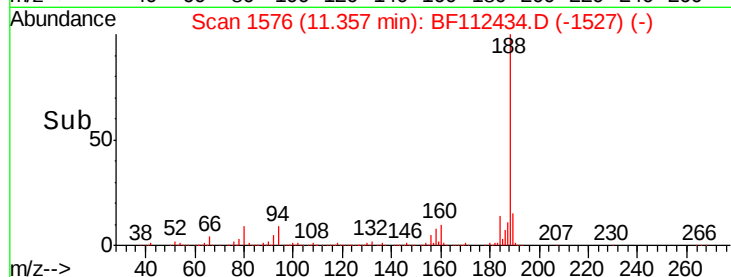
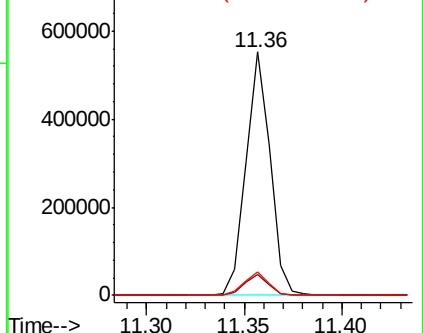
80 9.4 8.9 13.3



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: 14.483 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

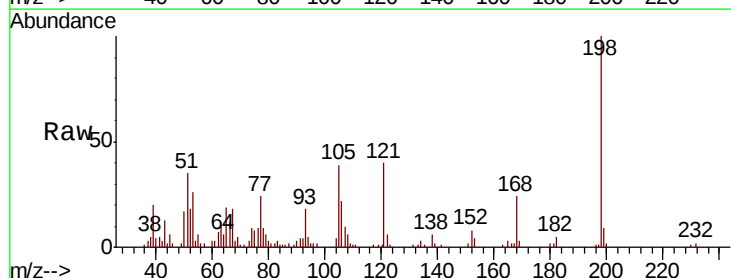
Tgt Ion:198 Resp: 38774

Ion Ratio Lower Upper

198 100

51 35.4 17.2 57.2

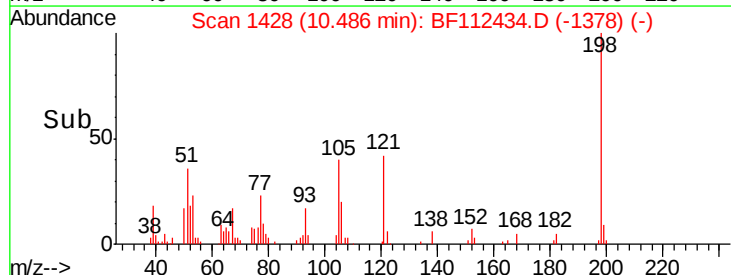
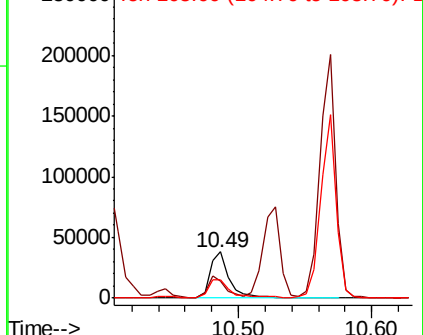
105 39.3 21.9 61.9

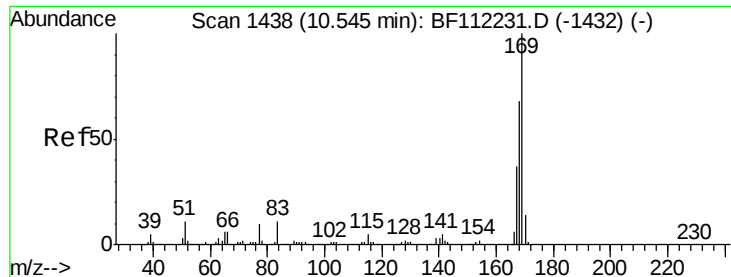


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

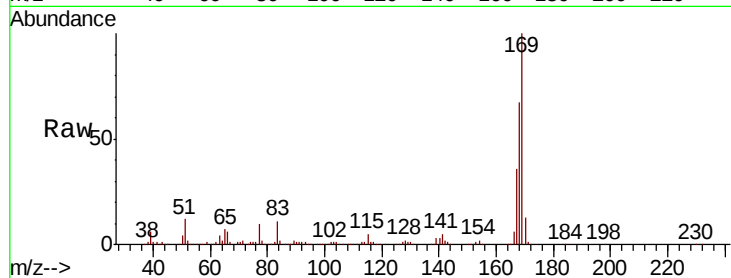




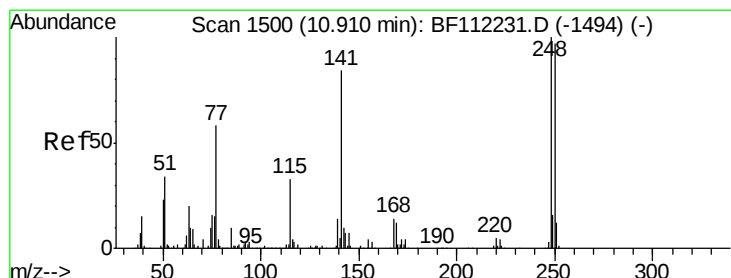
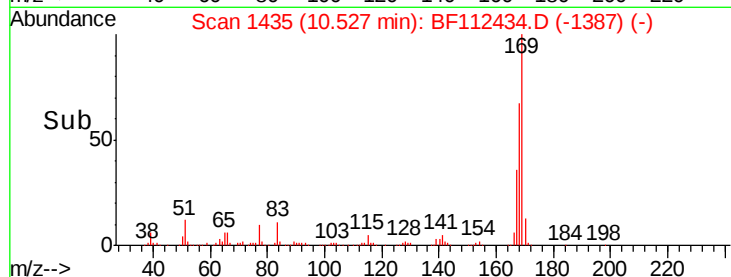
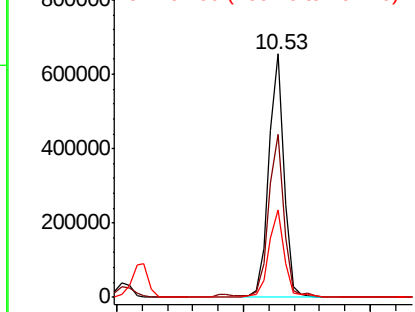
#66
 n-Nitrosodiphenylamine
 Concen: 34.150 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion:	169	Resp:	549603
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	36.1	28.9	43.3

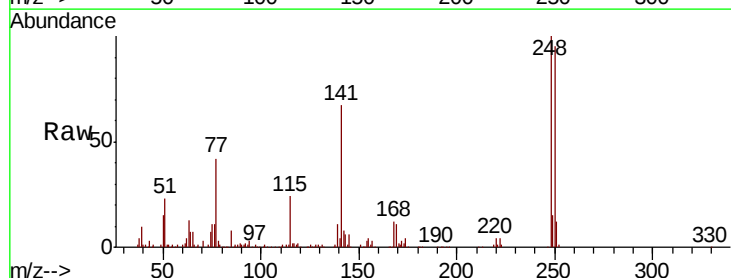


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

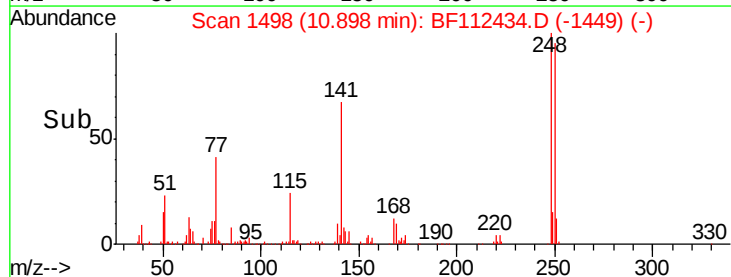
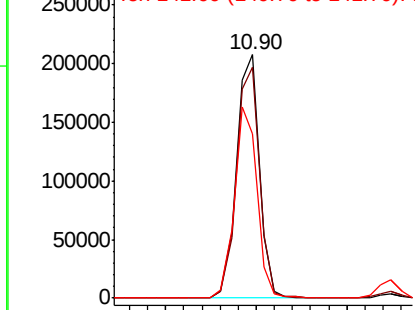


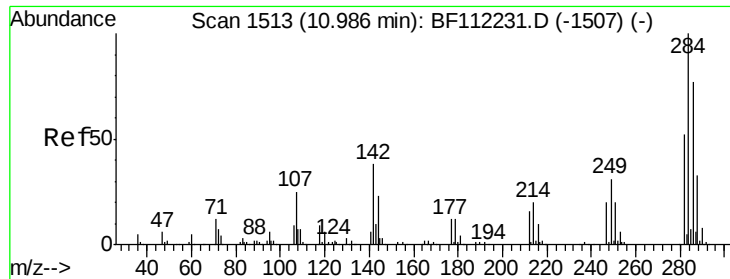
#67
 4-Bromophenyl-phenylether
 Concen: 32.633 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion:	248	Resp:	183275
Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.7	119.5
141	67.3	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: 32.137 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

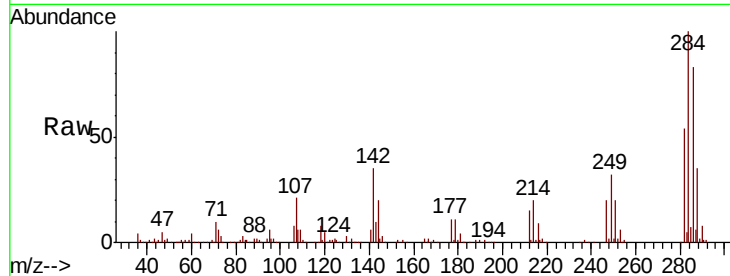
Tot Ion:284 Resp: 193644

Ion Ratio Lower Upper

284 100

142 34.7 27.6 41.4

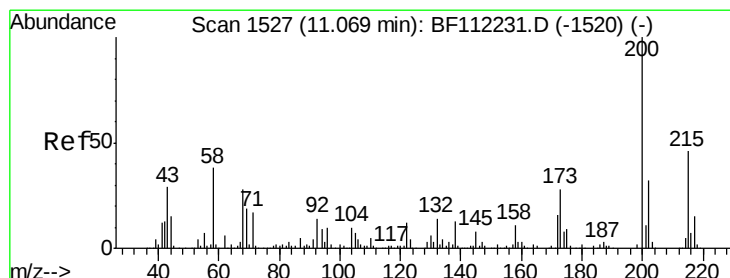
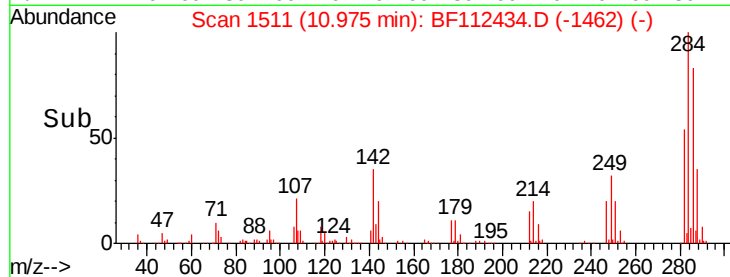
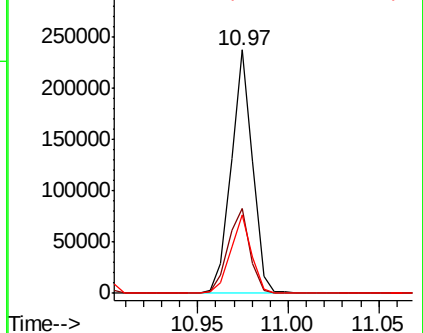
249 32.3 24.1 36.1



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: 33.707 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

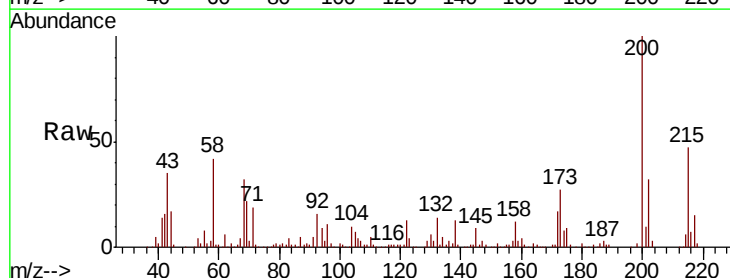
Tgt Ion:200 Resp: 175040

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

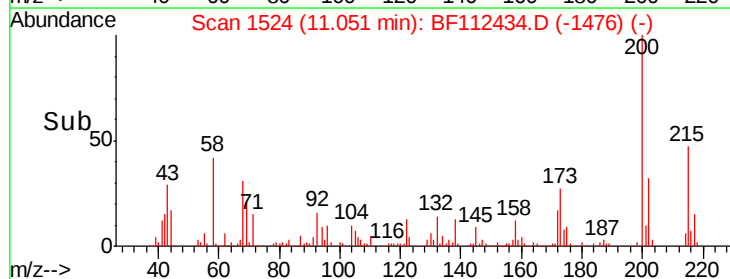
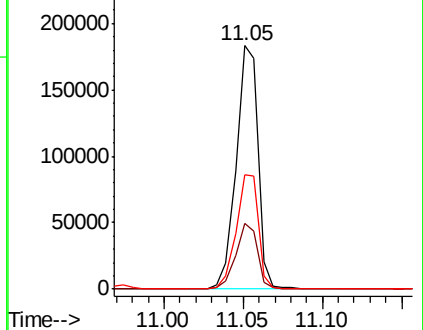
215 46.8 30.4 70.4

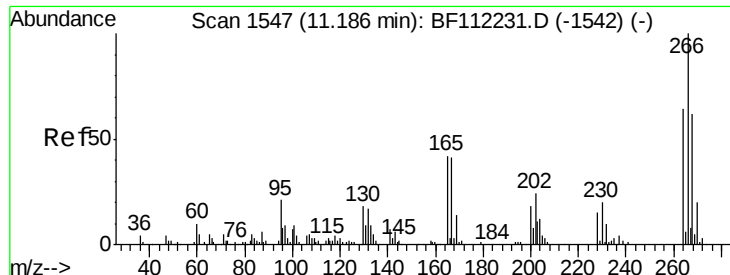


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

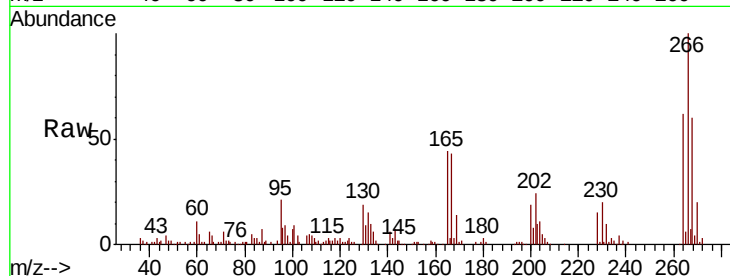




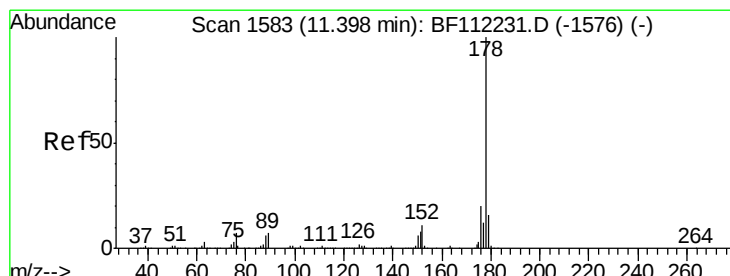
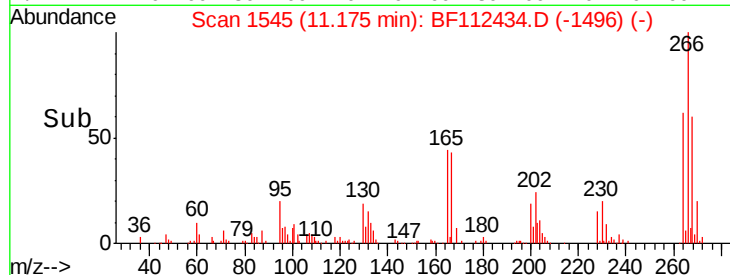
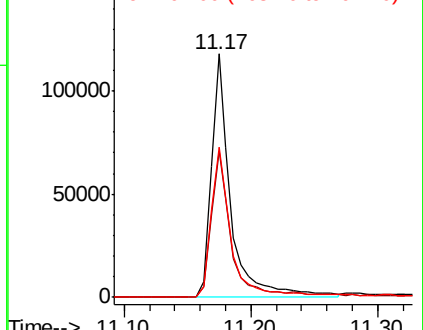
#70
 Pentachlorophenol
 Concen: 54.095 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion:266 Resp: 126831
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.2 76.8
 264 61.6 50.9 76.3

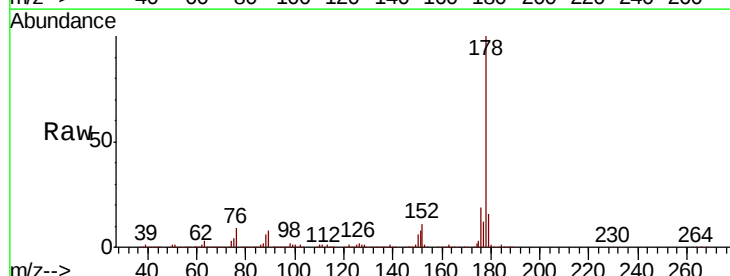


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

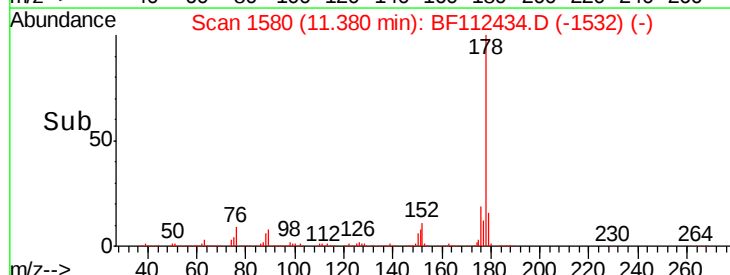
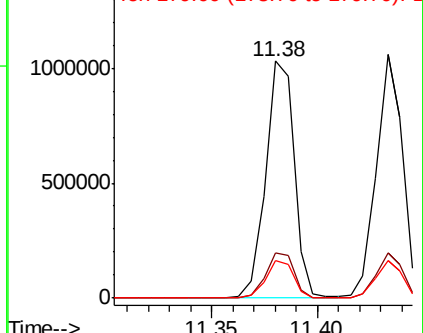


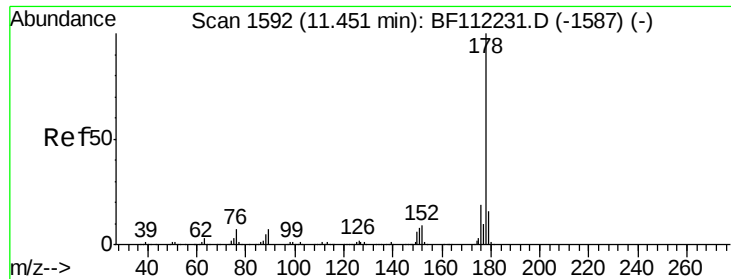
#71
 Phenanthrene
 Concen: 39.163 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion:178 Resp: 972242
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.3 24.5
 179 15.8 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: 37.981 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

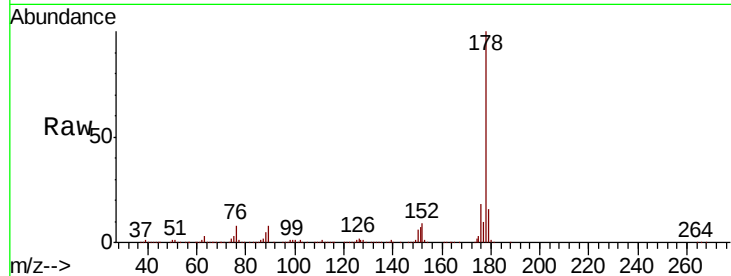
Tot Ion:178 Resp: 939251

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

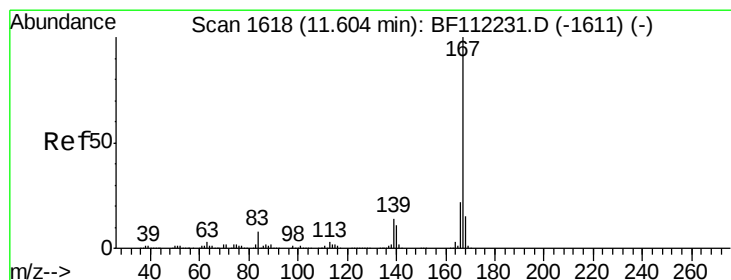
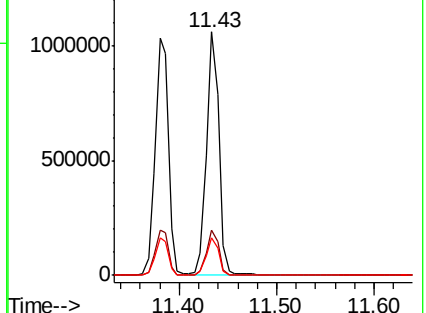
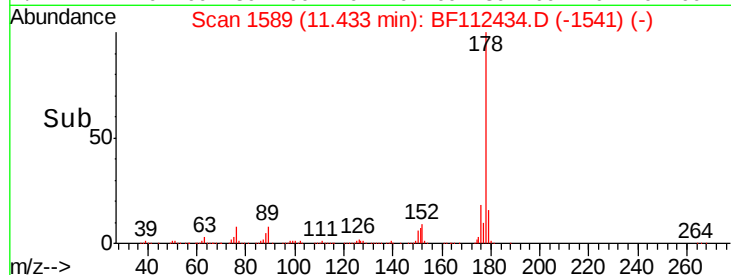
179 15.7 12.8 19.2



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: 32.360 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

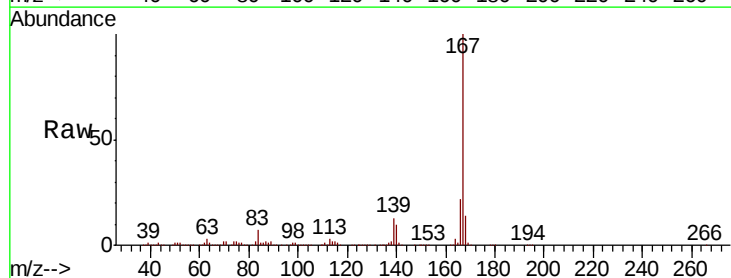
Tgt Ion:167 Resp: 789369

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

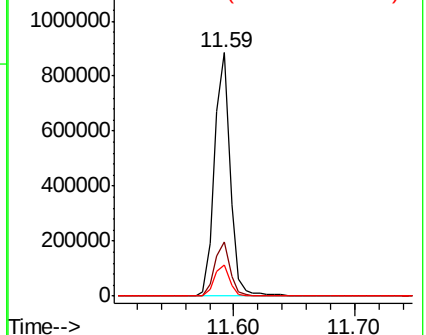
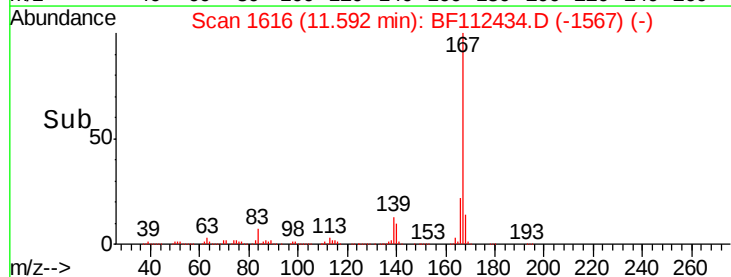
139 13.0 10.2 15.2

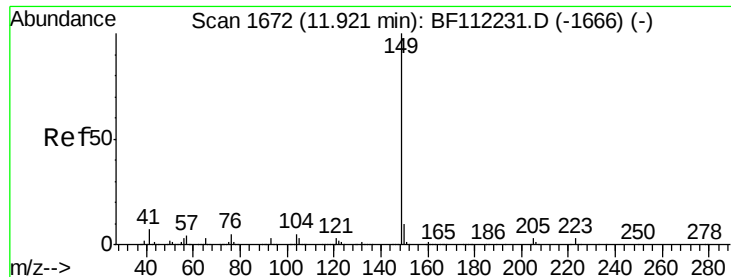


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 33.330 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

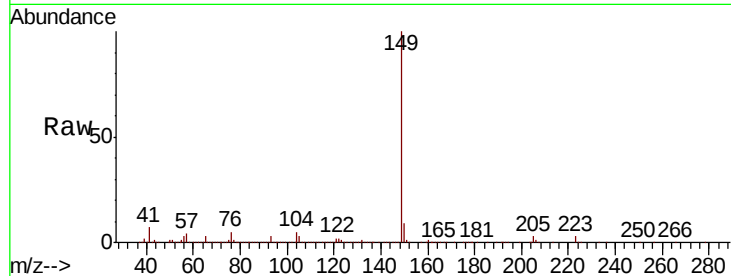
Tot Ion:149 Resp: 1009157

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

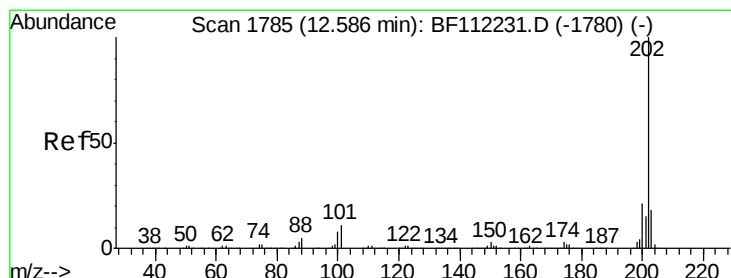
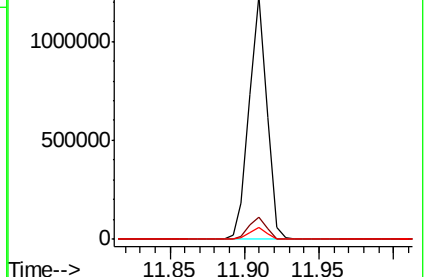
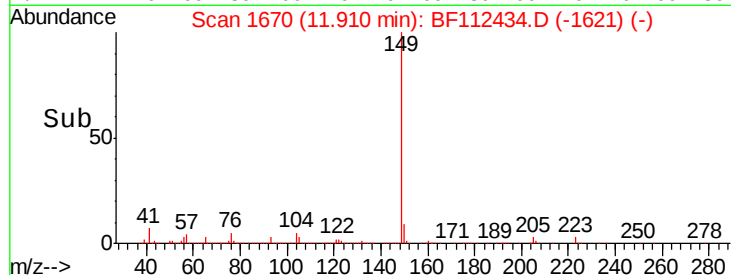
104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 38.135 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

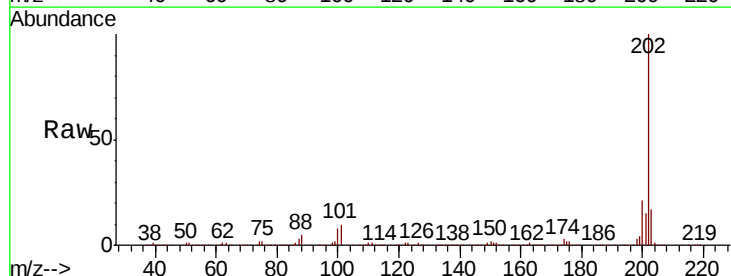
Tgt Ion:202 Resp: 1015417

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.8

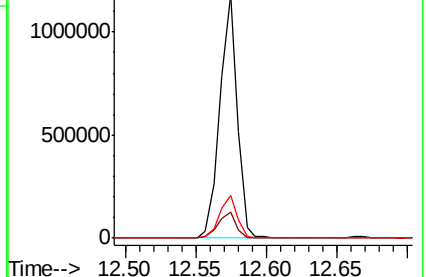
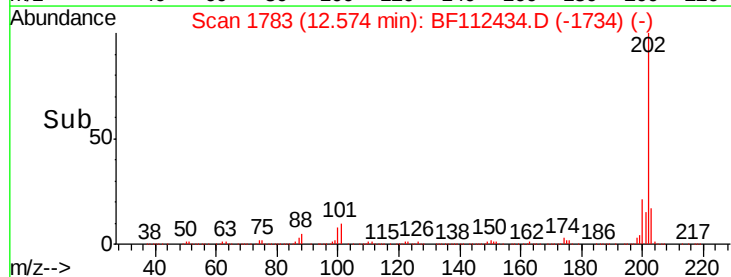
203 17.3 0.0 38.4

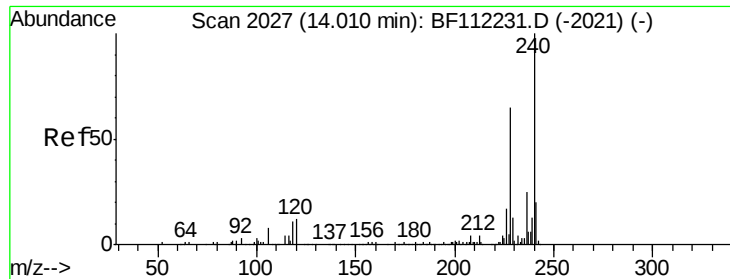


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

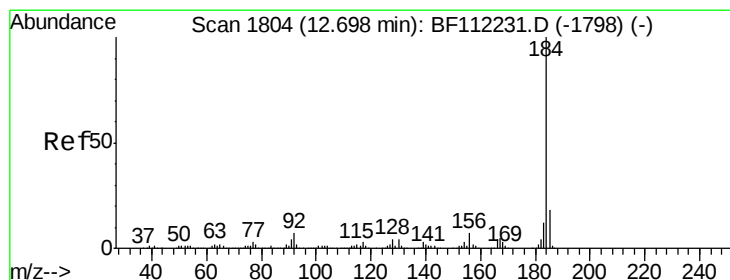
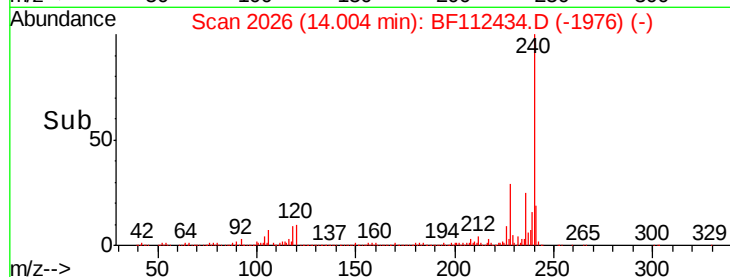
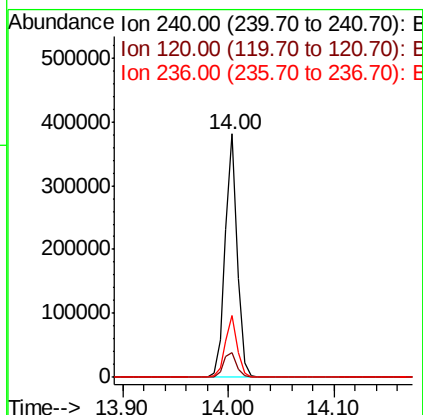
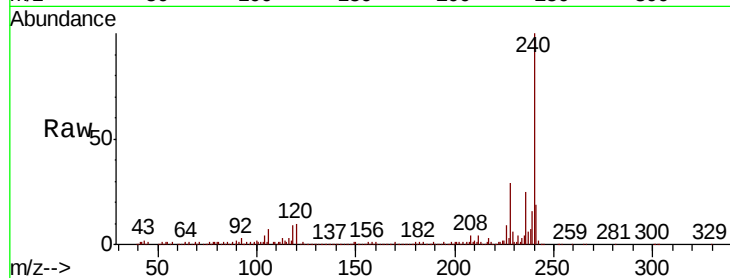




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

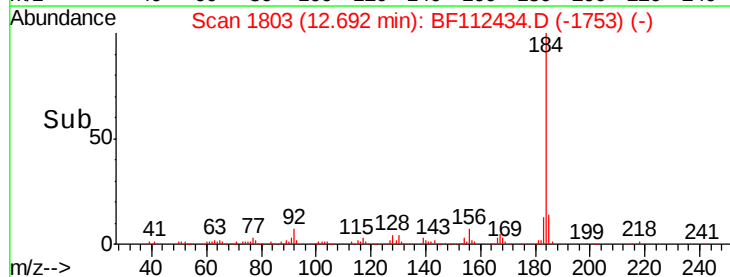
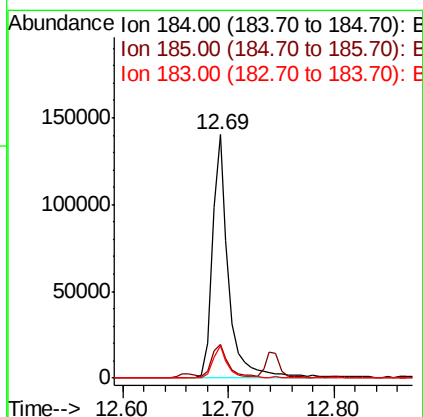
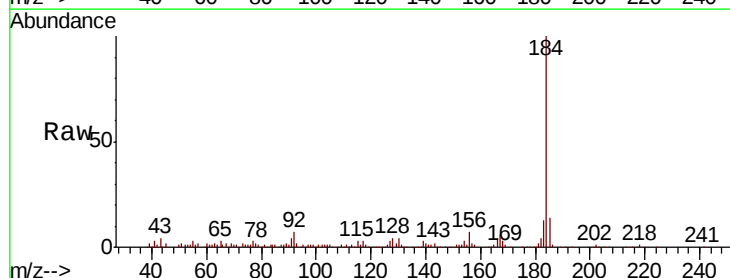
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

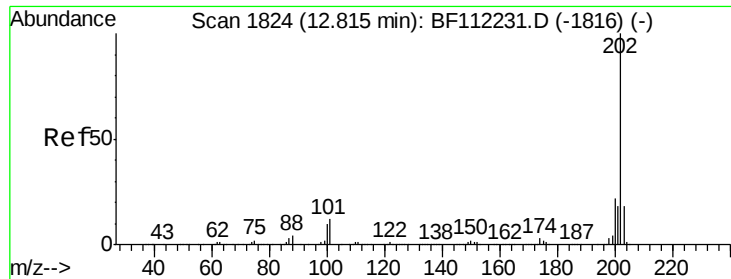
Tot Ion:240 Resp: 306068
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.0 13.6
 236 25.4 20.7 31.1



#77
 Benzidine
 Concen: 17.992 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion:184 Resp: 151566
 Ion Ratio Lower Upper
 184 100
 185 13.9 13.9 20.9
 183 13.1 10.0 15.0





#78

Pvrene

Concen: 45.969 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

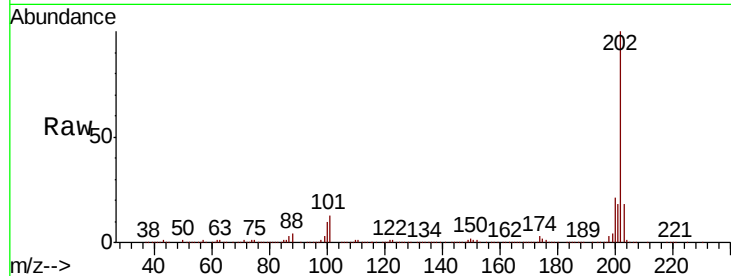
Tot Ion:202 Resp: 974100

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

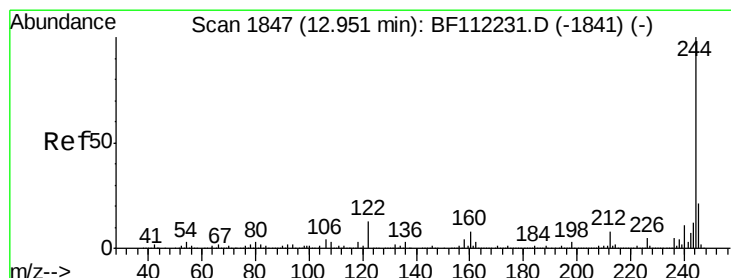
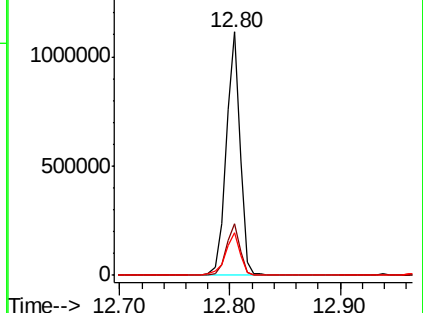
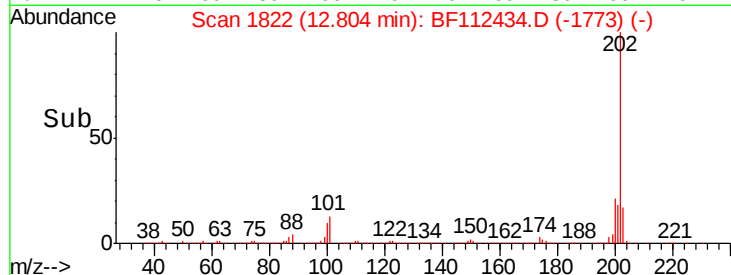
203 17.5 14.6 22.0



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: 67.670 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

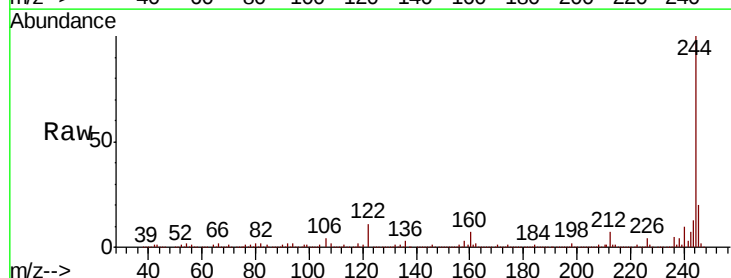
Tgt Ion:244 Resp: 1099661

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

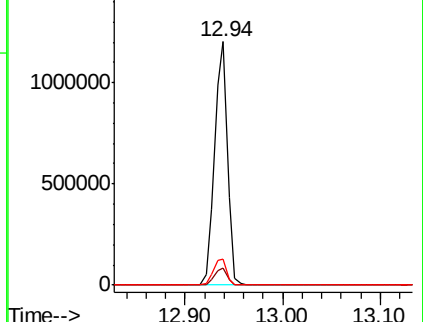
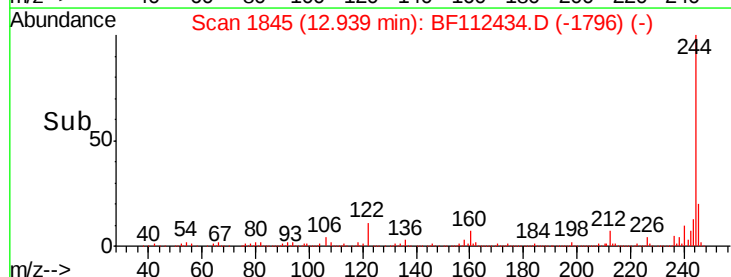
122 10.6 9.8 14.6

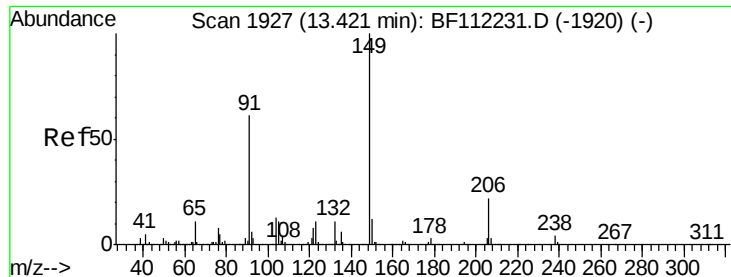


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

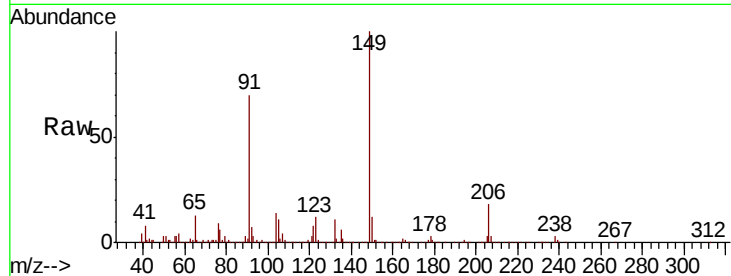




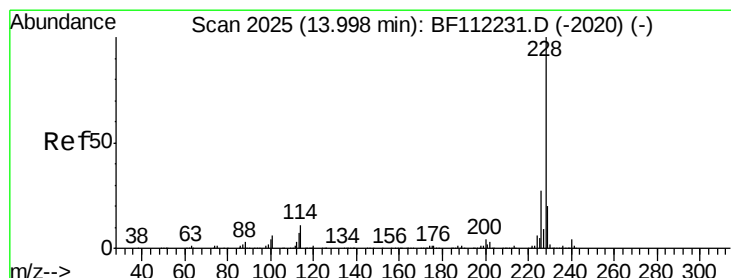
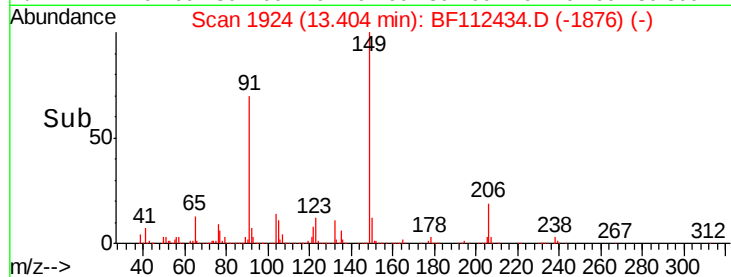
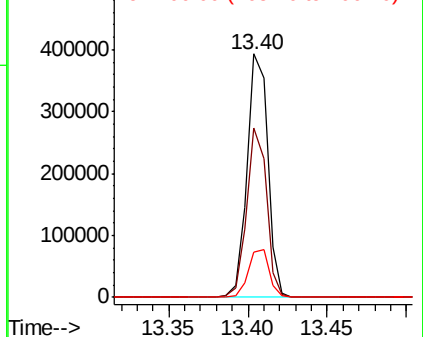
#80
Butylbenzylphthalate
Concen: 34.385 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:149 Resp: 352522
Ion Ratio Lower Upper
149 100
91 69.8 50.3 75.5
206 18.5 18.2 27.4

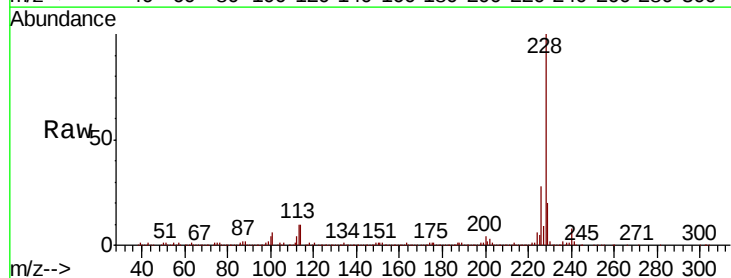


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

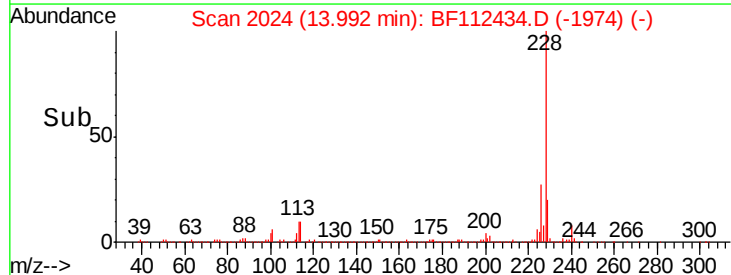
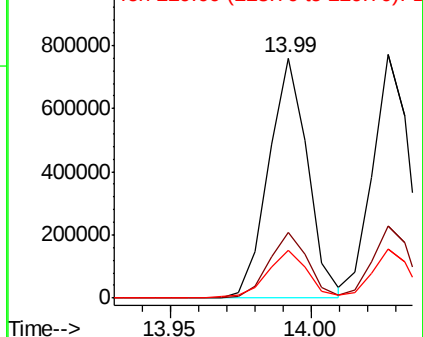


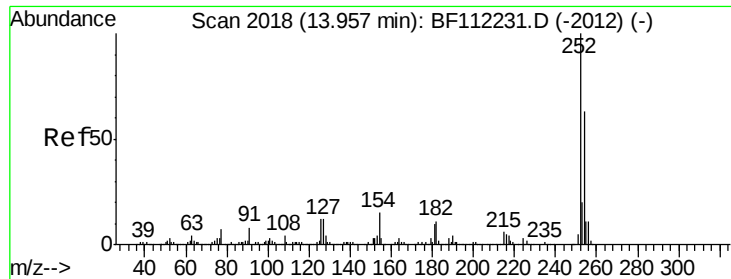
#81
Benzo(a)anthracene
Concen: 40.273 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:228 Resp: 724599
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 19.7 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

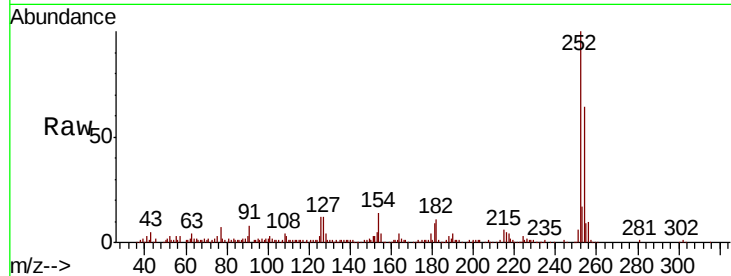




#82
 3,3'-Dichlorobenzidine
 Concen: 19.736 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.6	77.4
126	11.9	8.6	12.8

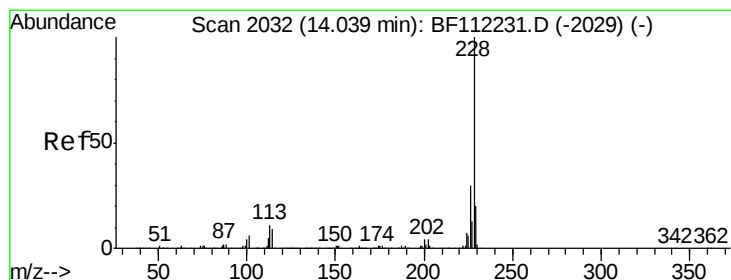
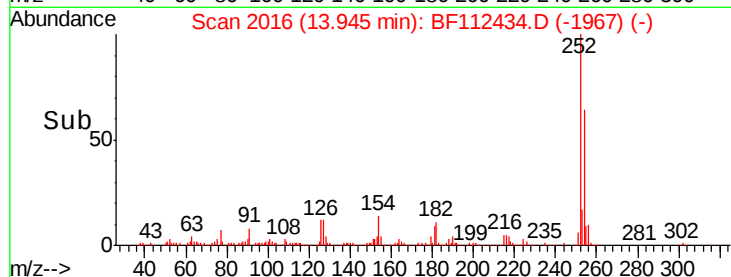
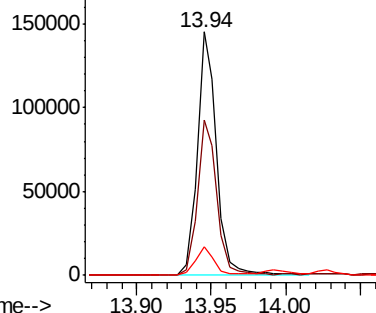


Abundance

Ion 252.00 (251.70 to 252.70): E

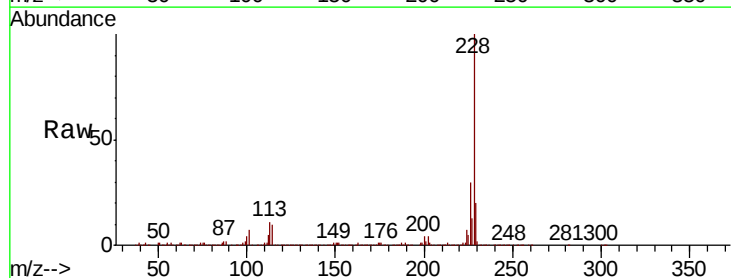
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 39.650 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.1	16.6	24.8

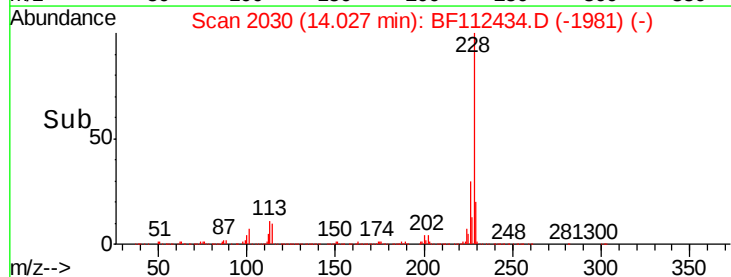
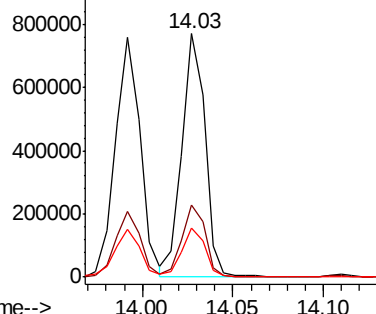


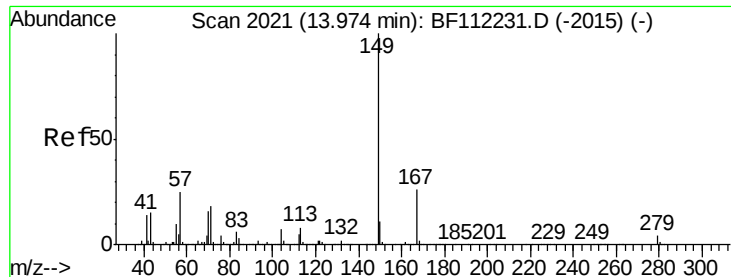
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.326 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

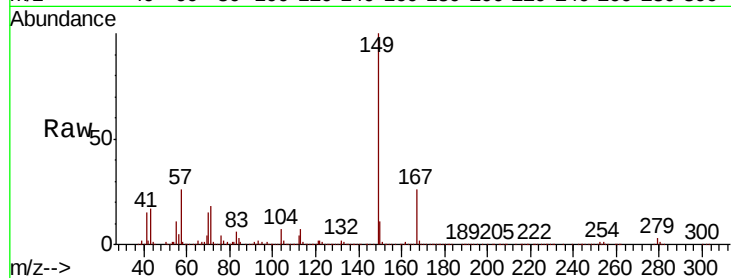
Tot Ion:149 Resp: 484991

Ion Ratio Lower Upper

149 100

167 26.0 22.5 33.7

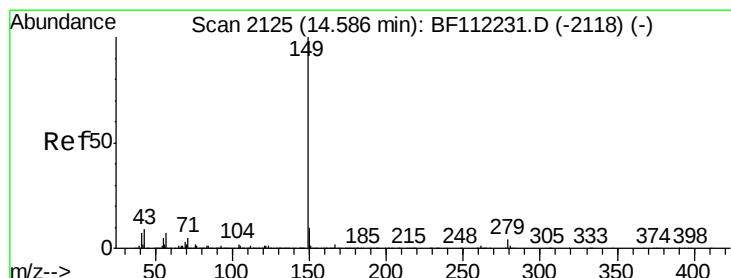
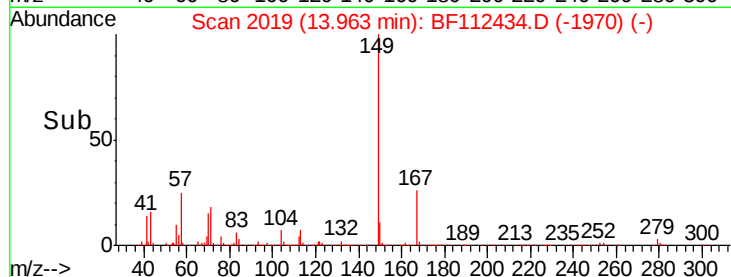
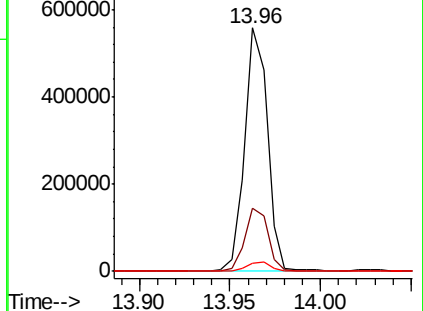
279 3.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 33.734 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

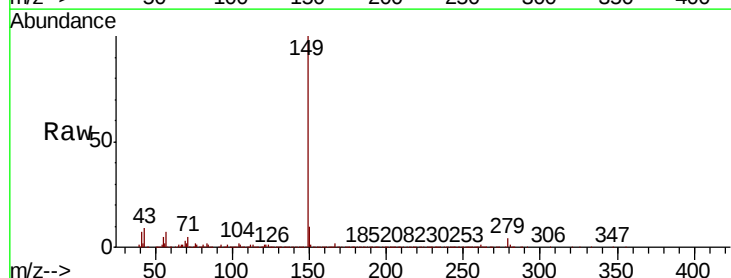
Tgt Ion:149 Resp: 755321

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

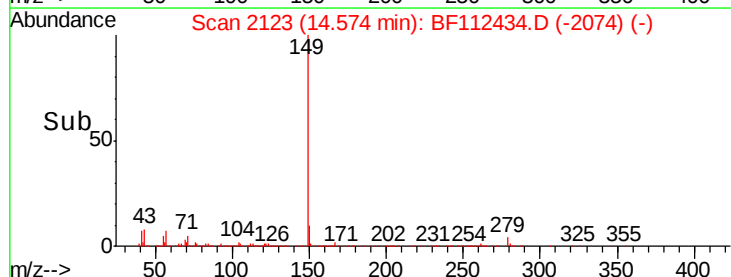
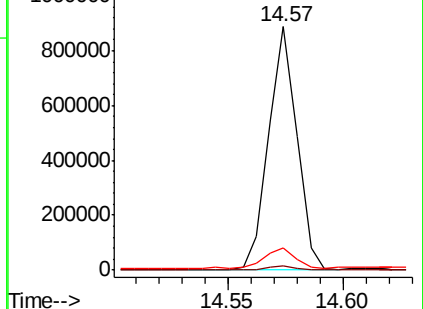
43 8.7 7.8 11.6

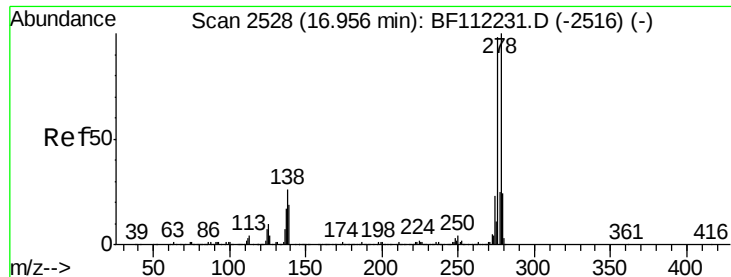


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

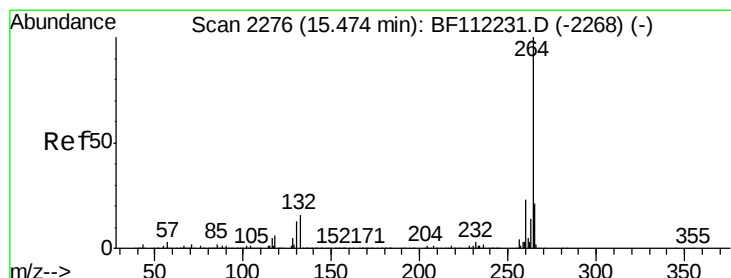
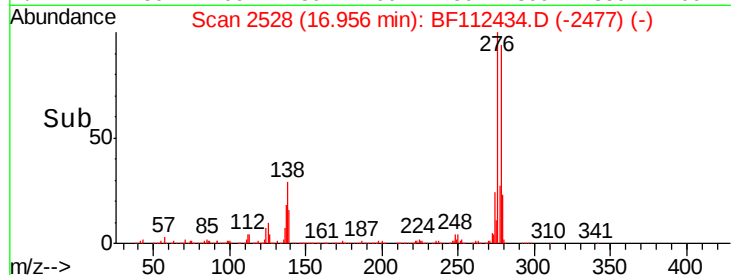
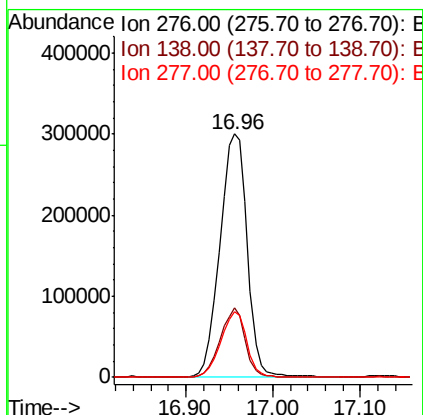
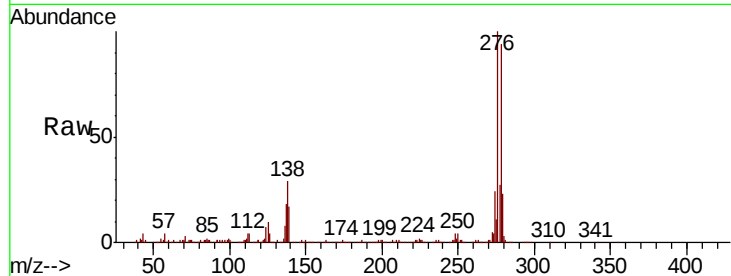




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.983 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

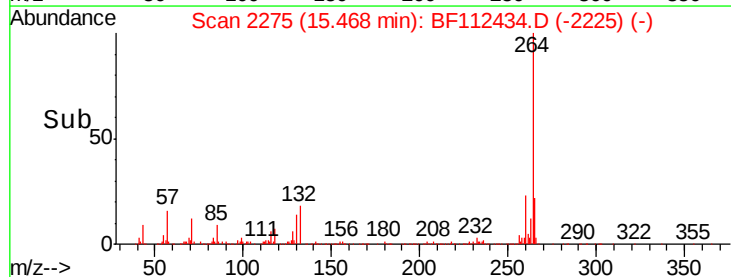
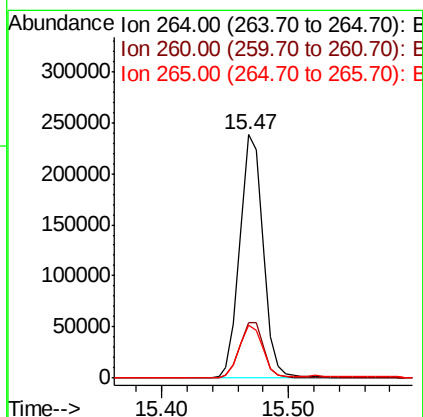
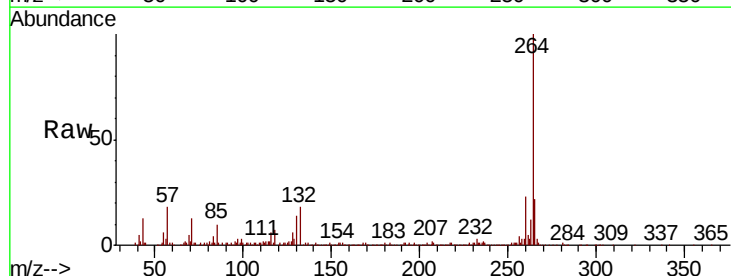
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

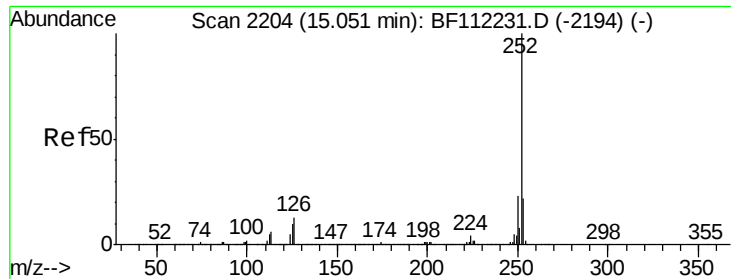
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.6	34.0
277	25.6	20.3	30.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	22.0	17.0	25.4

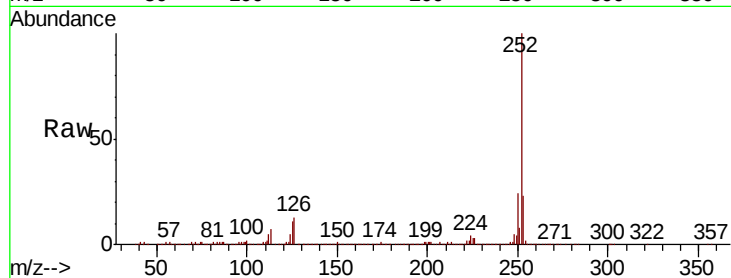




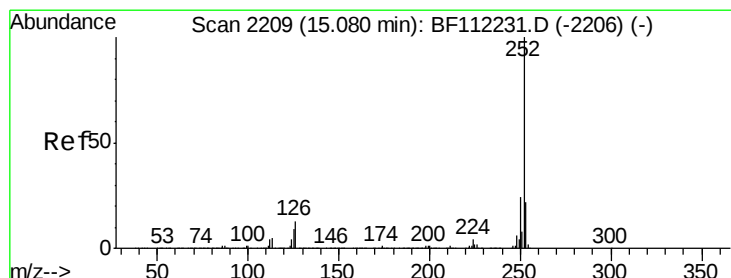
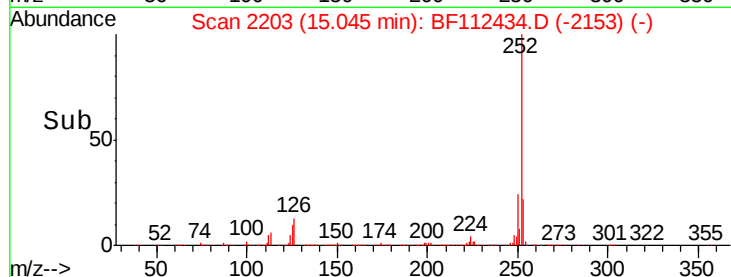
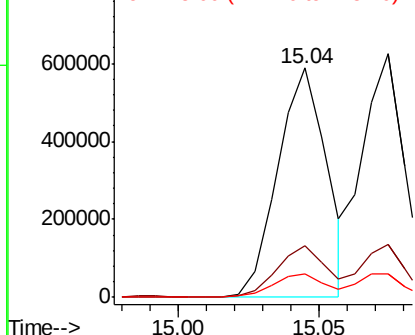
#88
Benzo(b)fluoranthene
Concen: 38.721 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:252 Resp: 705353
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.5 8.7 13.1

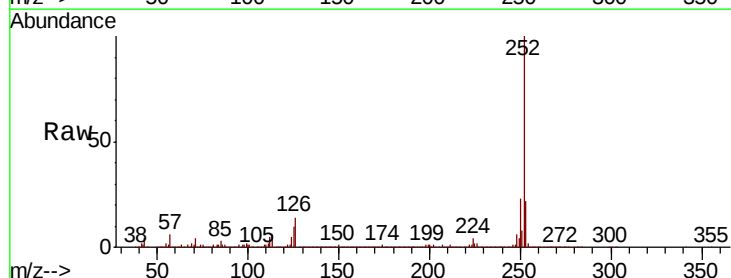


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

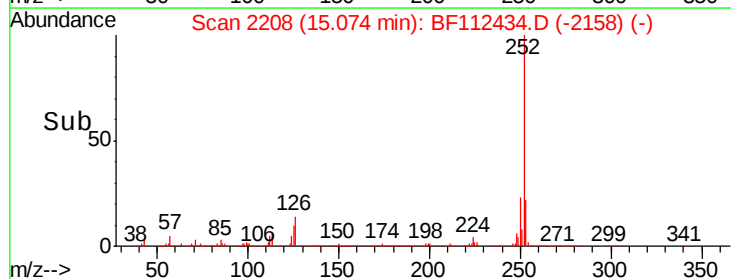
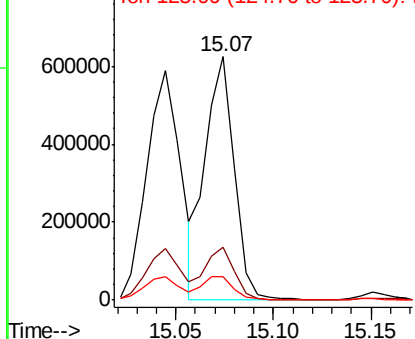


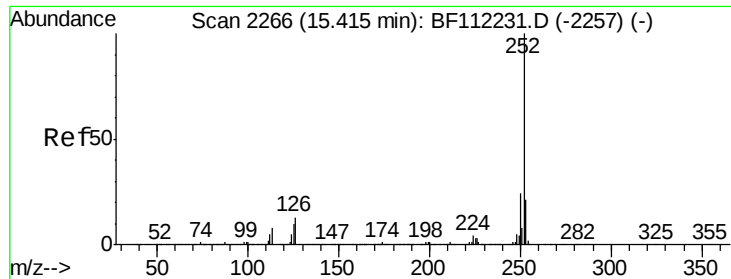
#89
Benzo(k)fluoranthene
Concen: 36.906 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:252 Resp: 643947
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.7 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: 40.852 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

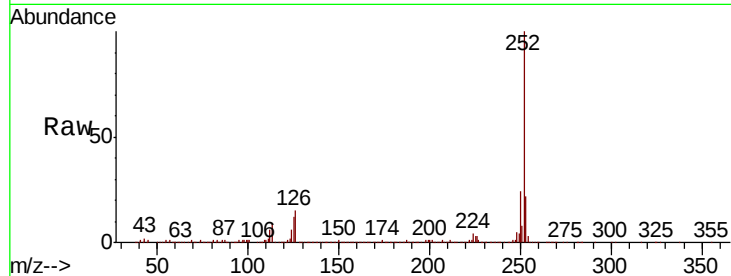
Tot Ion:252 Resp: 669604

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

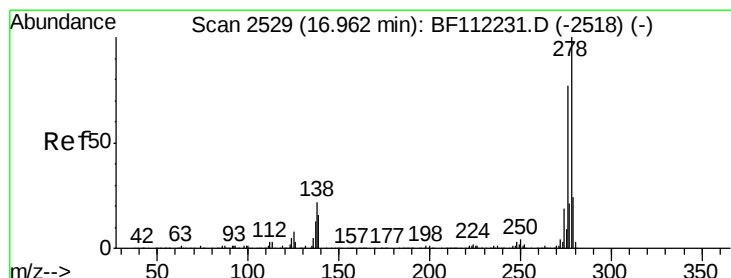
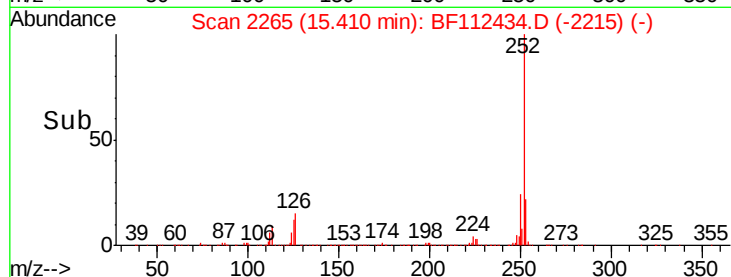
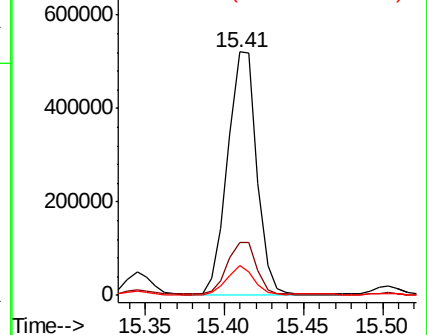
125 12.3 9.0 13.4



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: 38.353 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

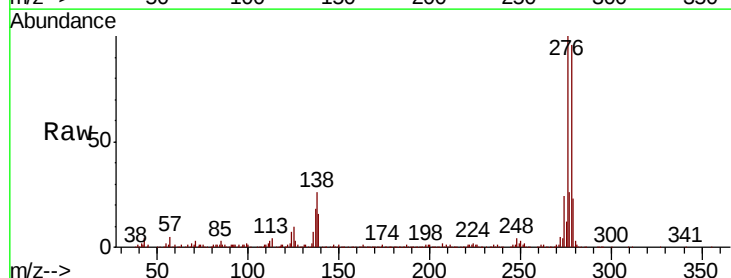
Tgt Ion:278 Resp: 506641

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

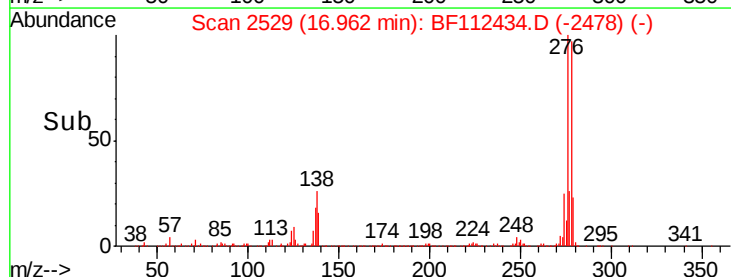
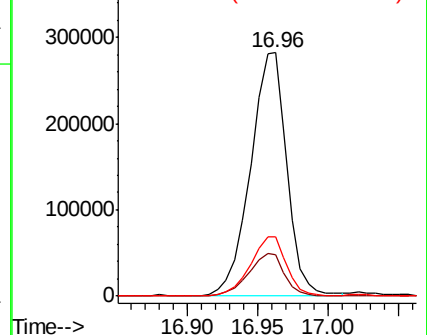
279 24.3 19.0 28.6

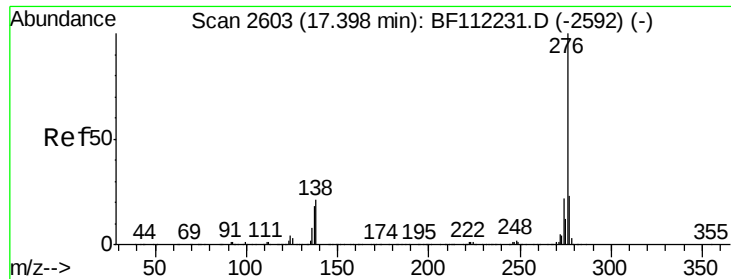


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 42.041 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	22.0	19.1	28.7

