

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 03:11:29 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

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

						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
32) Benzoic acid	7.77	122	245764	67.967	ng	# 15
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

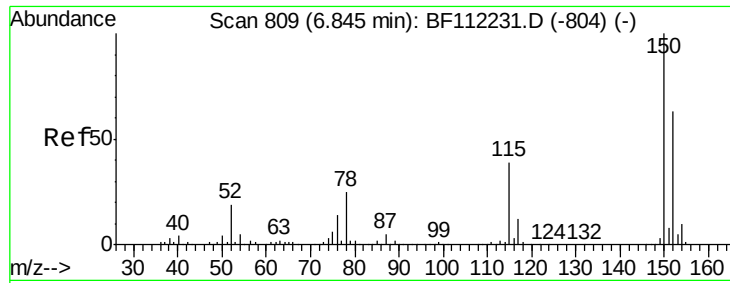
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	83874	33.415	ng	98
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

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

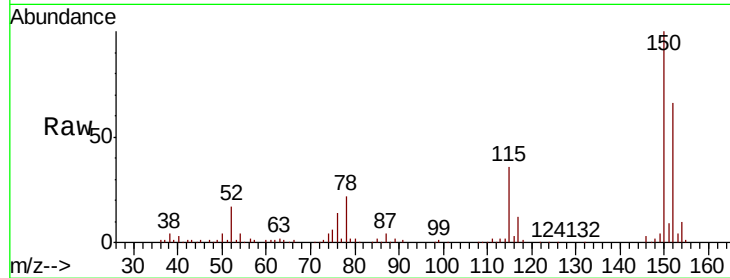
Tot Ion:152 Resp: 125481

Ion Ratio Lower Upper

152 100

150 151.1 127.4 191.0

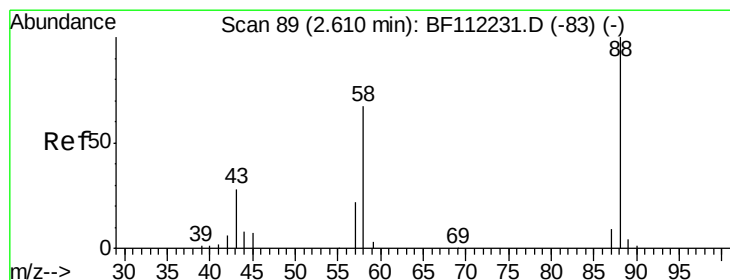
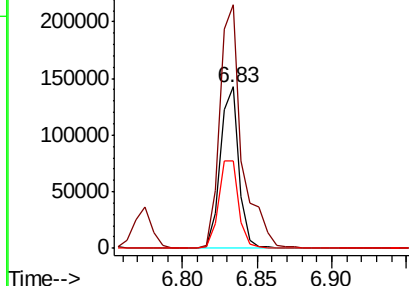
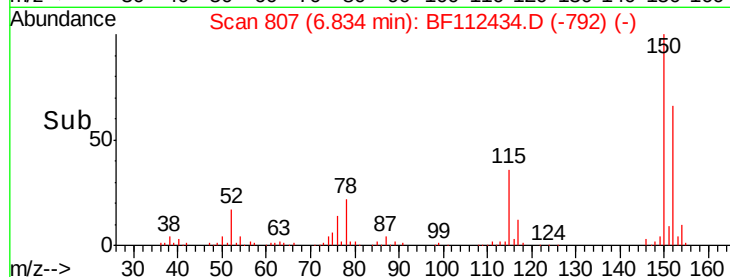
115 54.0 45.5 68.3



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

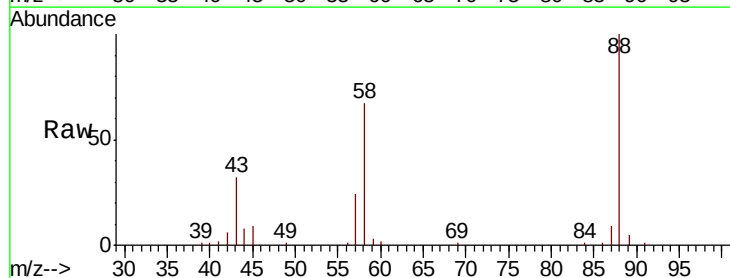
Tgt Ion: 88 Resp: 83140

Ion Ratio Lower Upper

88 100

58 67.2 57.4 86.2

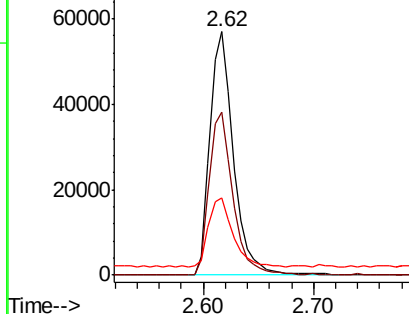
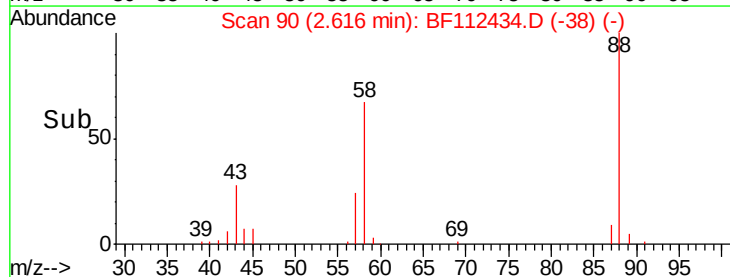
43 29.5 22.2 33.4

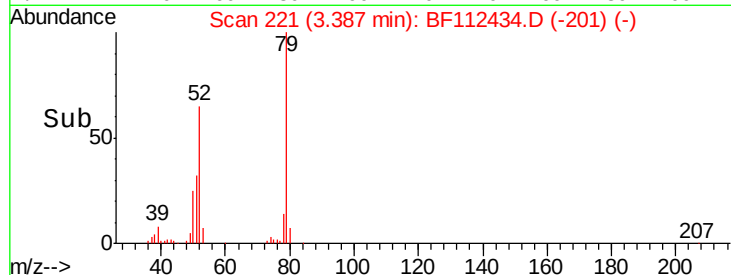
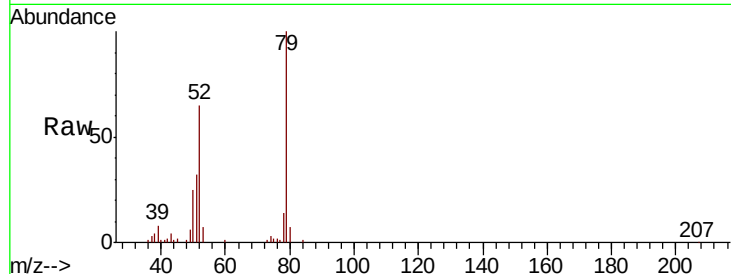
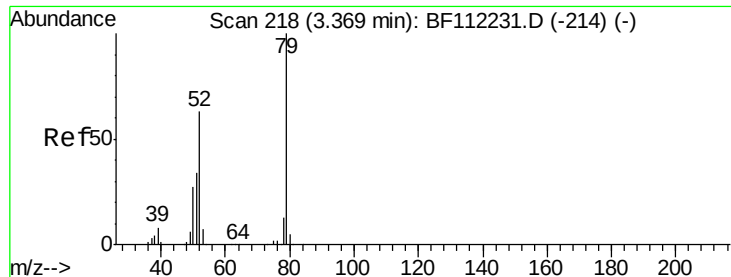


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

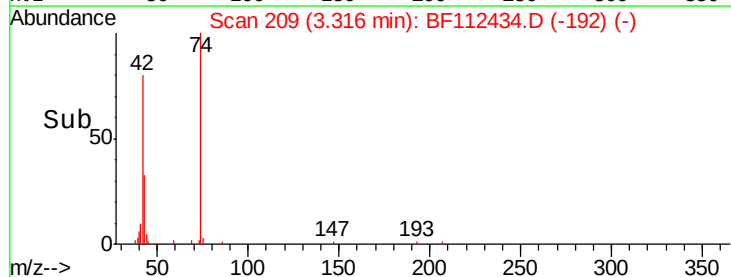
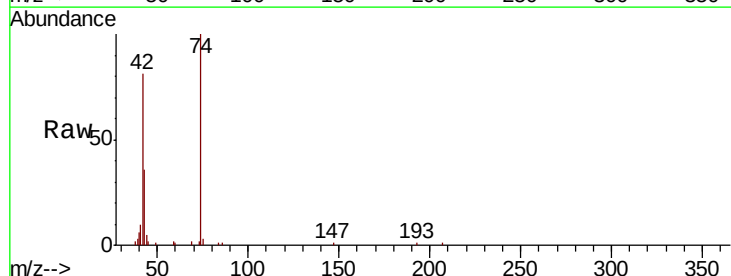
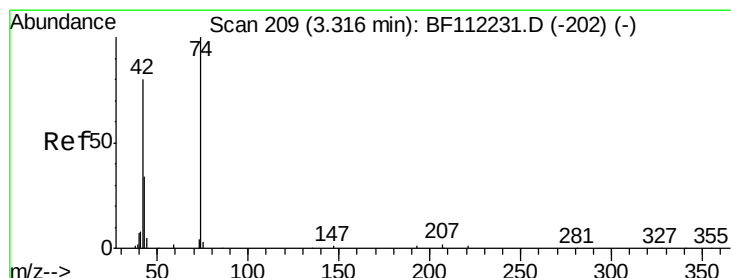
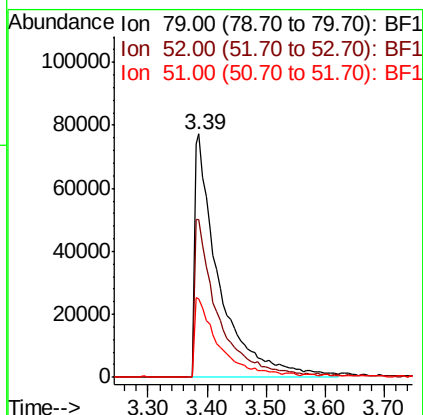




#3
 Pvridine
 Concen: 37.024 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

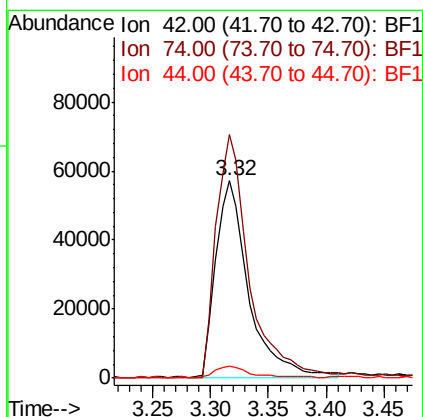
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

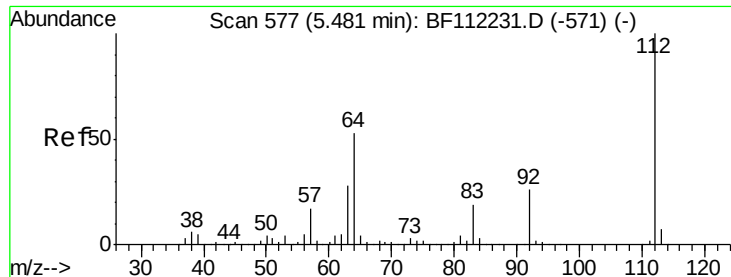
Tot Ion: 79 Resp: 221639
 Ion Ratio Lower Upper
 79 100
 52 64.6 52.4 78.6
 51 32.4 26.1 39.1



#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





#5

2-Fluorophenol

Concen: 119.907 ng

RT: 5.47 min Scan# 575

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

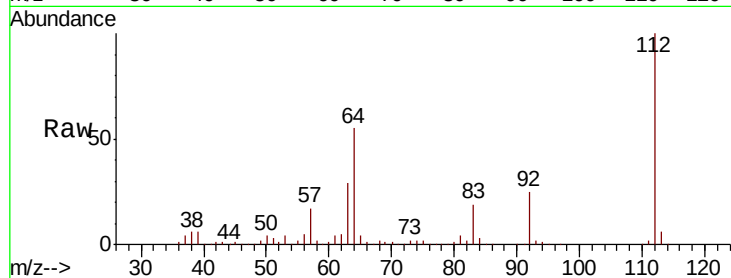
Tot Ion:112 Resp: 708358

Ion Ratio Lower Upper

112 100

64 54.7 45.7 68.5

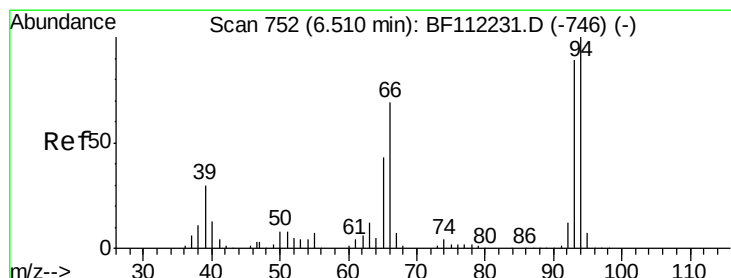
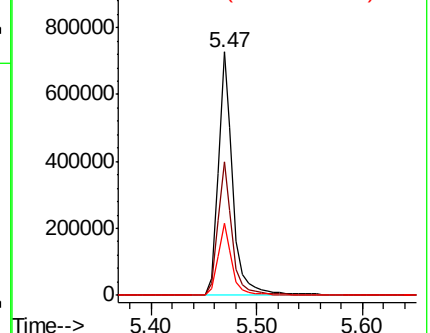
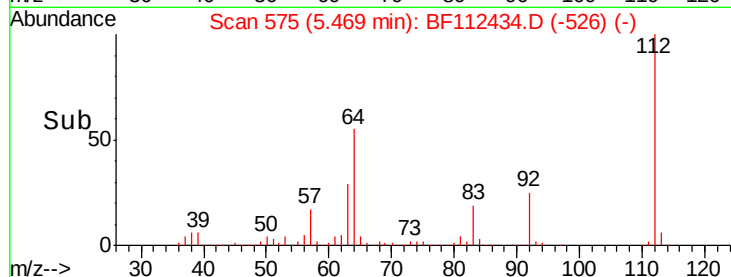
63 29.5 23.6 35.4



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

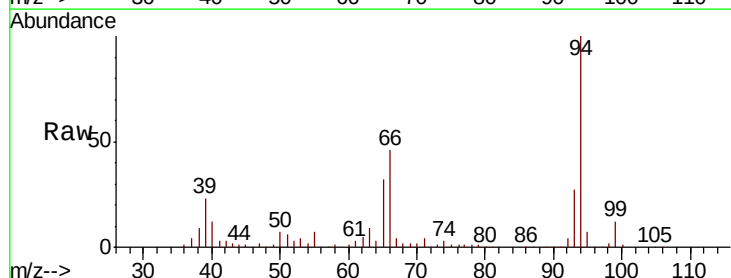
Tgt Ion: 93 Resp: 108509

Ion Ratio Lower Upper

93 100

66 172.1 43.4 65.2#

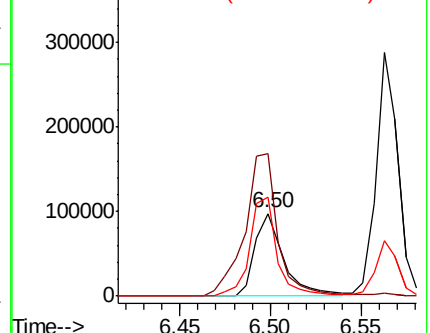
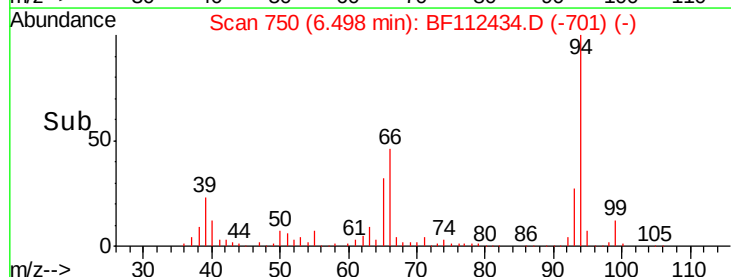
65 119.7 25.3 37.9#

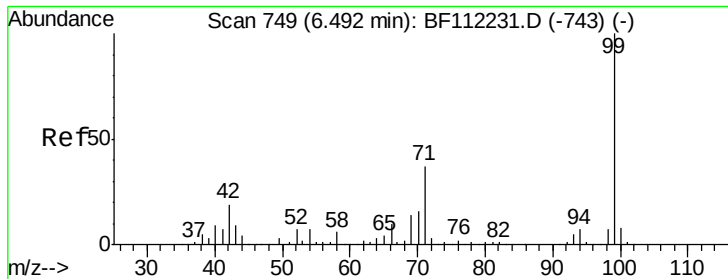


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Lab File: BF112434.D

Acq: 7 Feb 2019 13:03

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98-SB-01-2-4MS

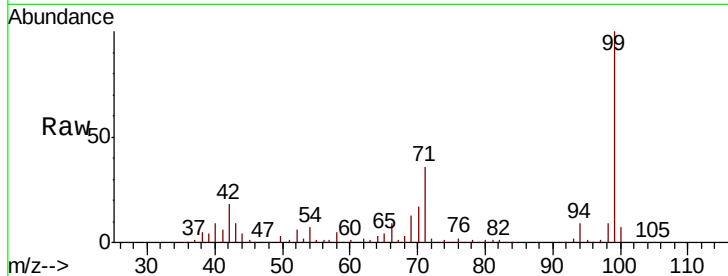
Tot Ion: 99 Resp: 906336

Ion Ratio Lower Upper

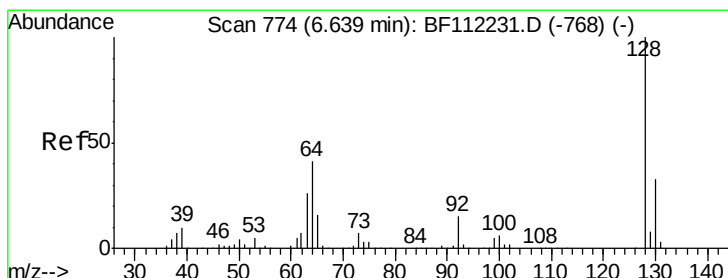
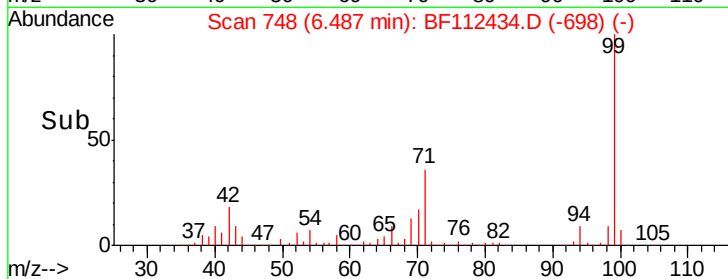
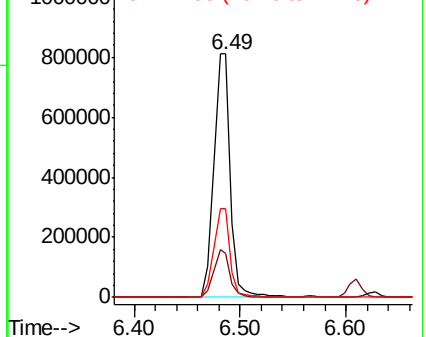
99 100

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

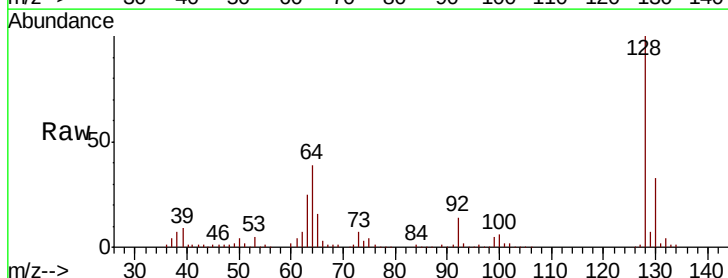
Tgt Ion: 128 Resp: 288000

Ion Ratio Lower Upper

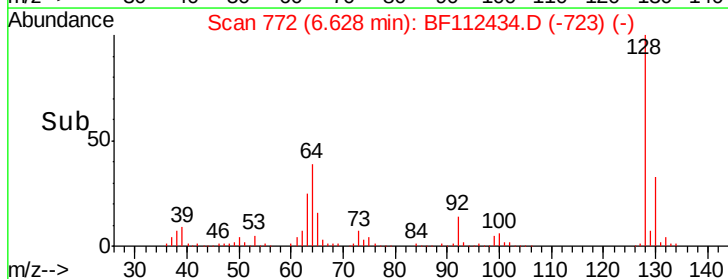
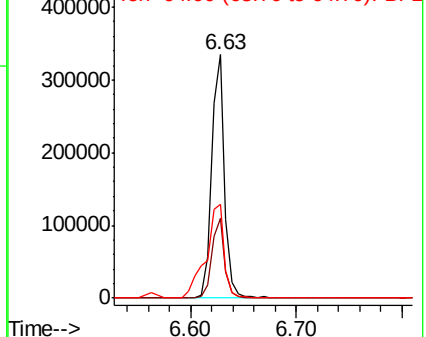
128 100

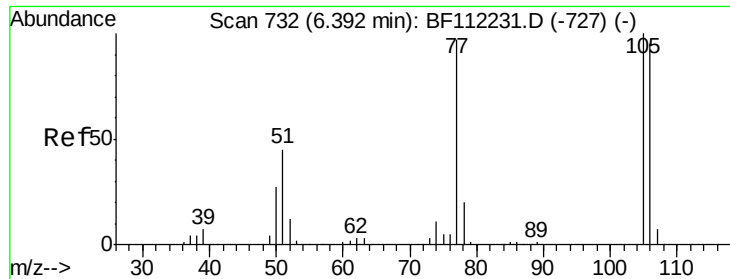
130 32.7 13.4 53.4

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

Acq: 7 Feb 2019 13:03

Instrument :

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98-SB-01-2-4MS

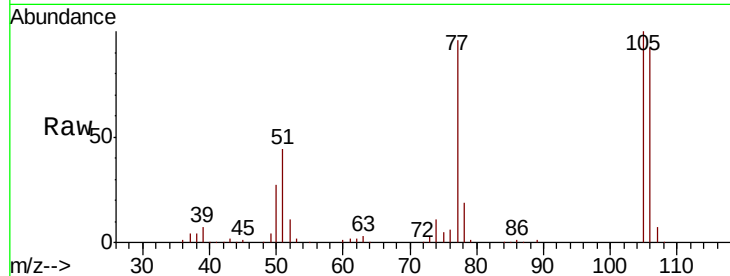
Tot Ion: 77 Resp: 131636

Ion Ratio Lower Upper

77 100

105 104.3 80.8 120.8

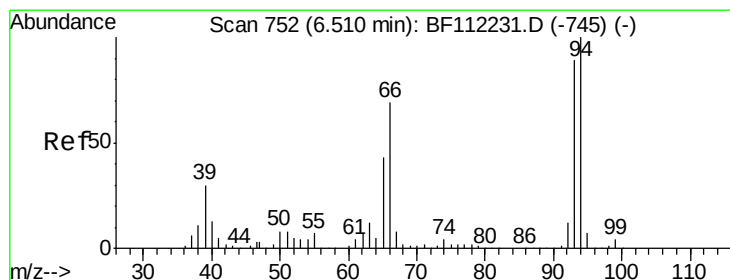
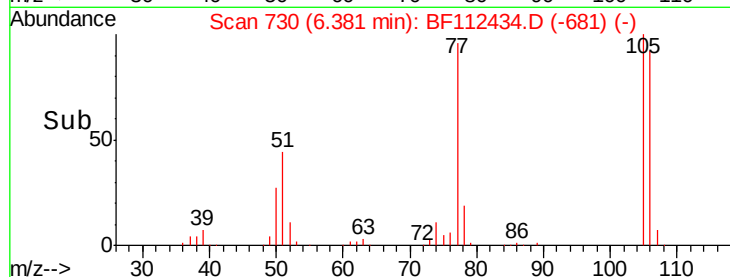
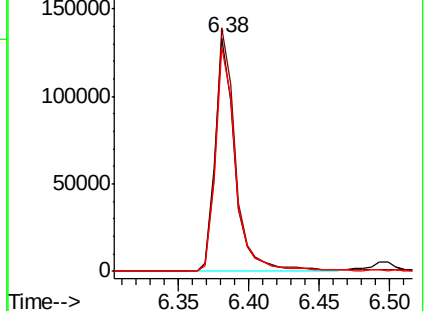
106 96.2 75.7 115.7



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

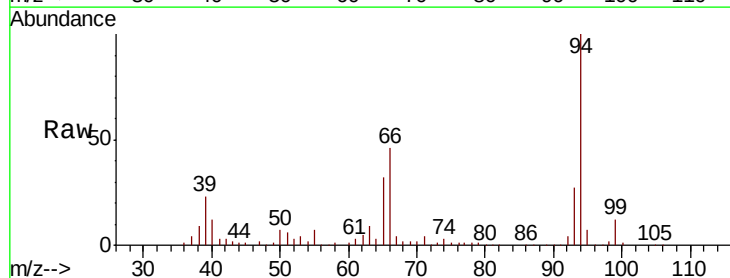
Tgt Ion: 94 Resp: 342901

Ion Ratio Lower Upper

94 100

65 32.0 20.3 60.3

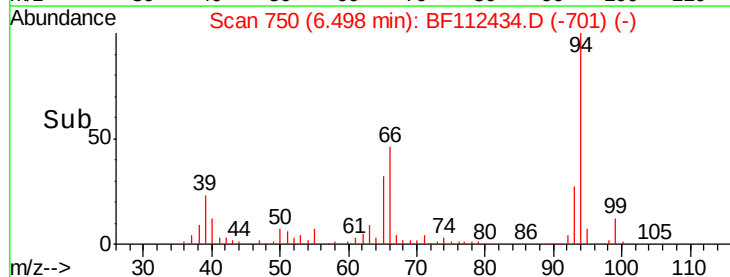
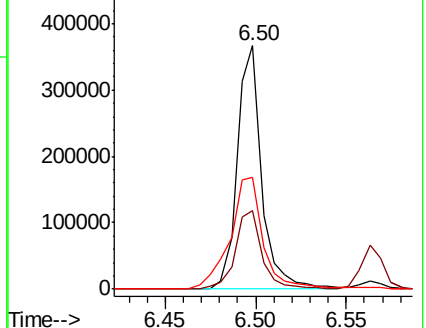
66 46.0 42.4 82.4

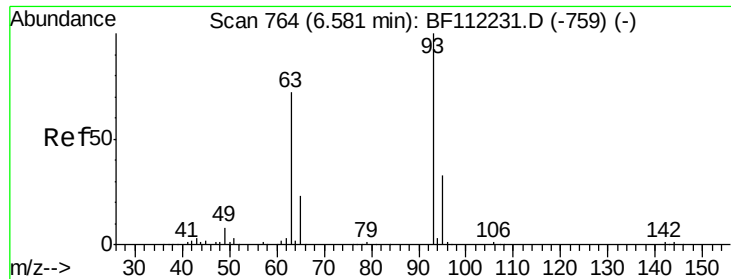


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

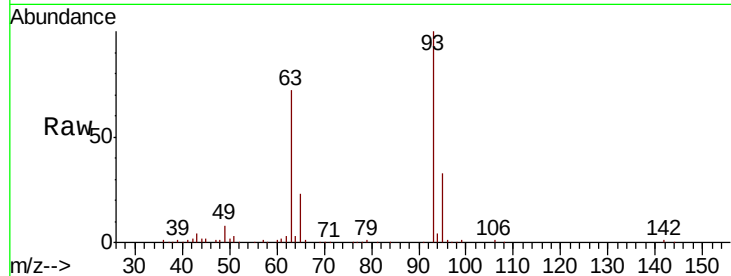




#11
bis(2-Chloroethyl)ether
Concen: 33.498 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

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

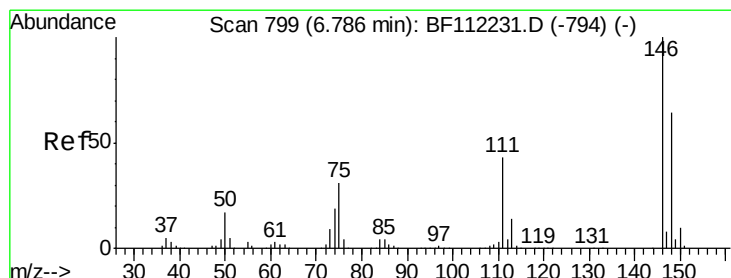
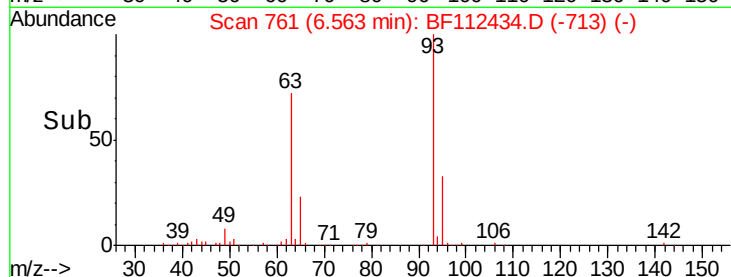
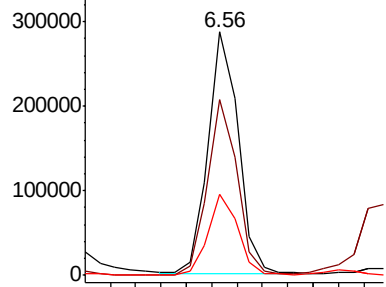


Abundance

Ion 93.00 (92.70 to 93.70): BF1

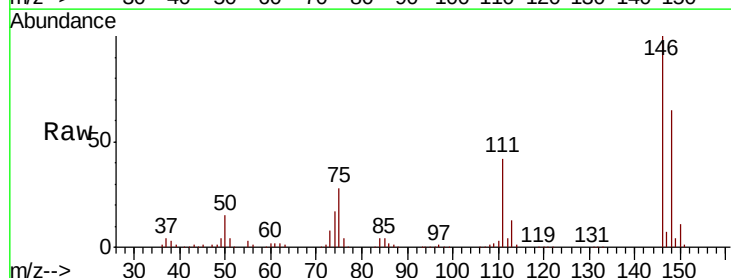
Ion 63.00 (62.70 to 63.70): BF1

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

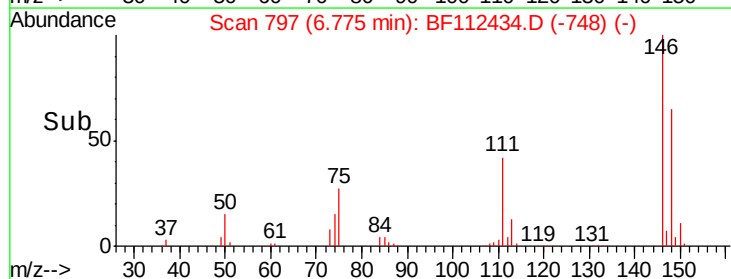
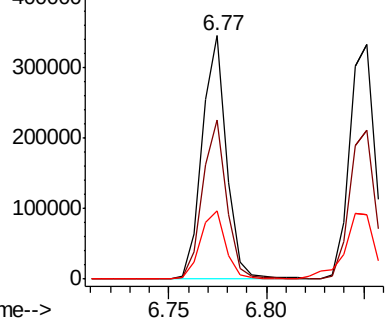


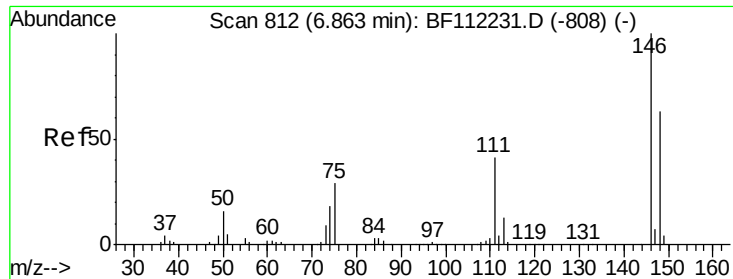
Abundance

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

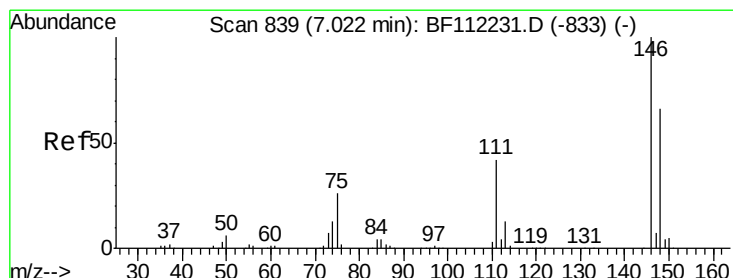
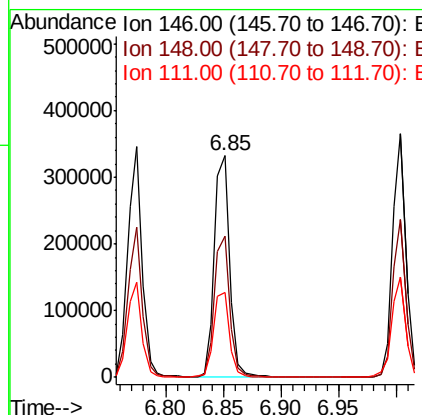
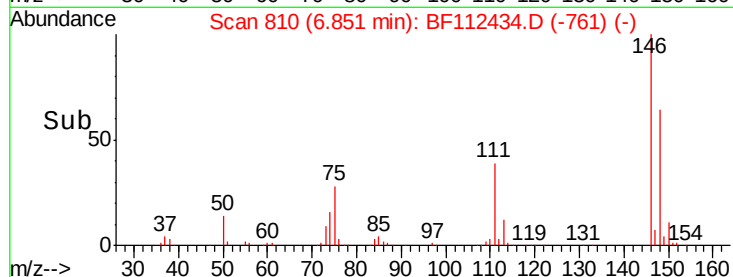
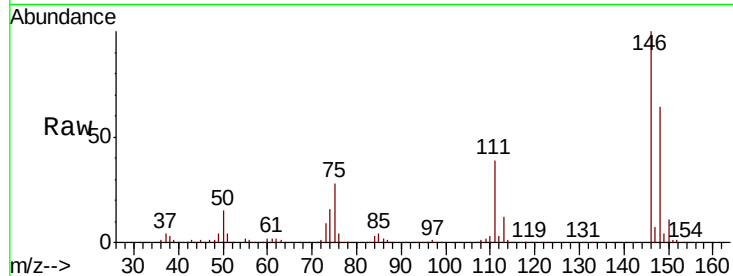




#13
 1,4-Dichlorobenzene
 Concen: 32.571 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

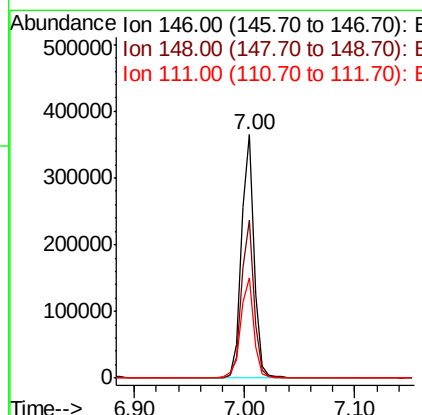
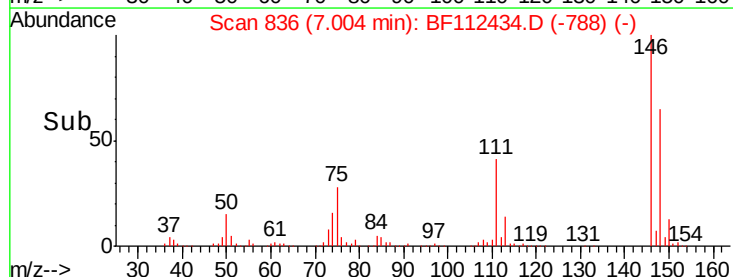
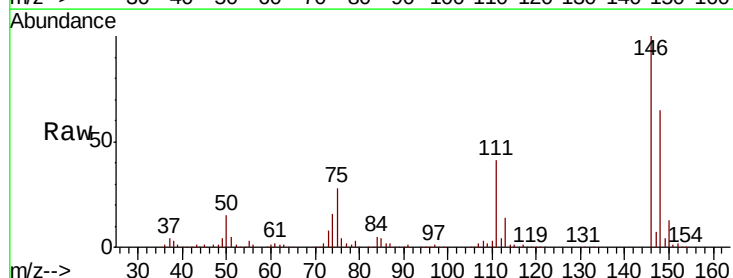
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

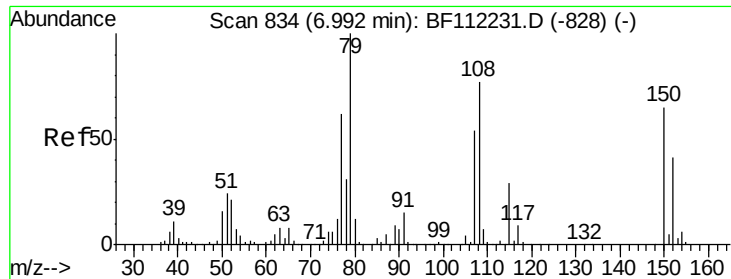
Tot Ion:146 Resp: 310247
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 38.6 31.2 46.8



#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

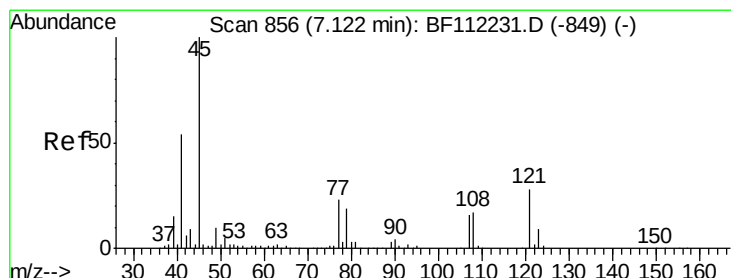
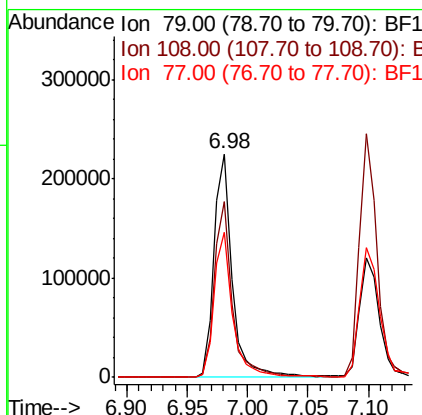
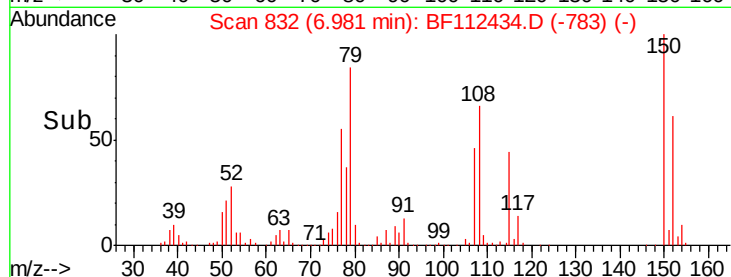
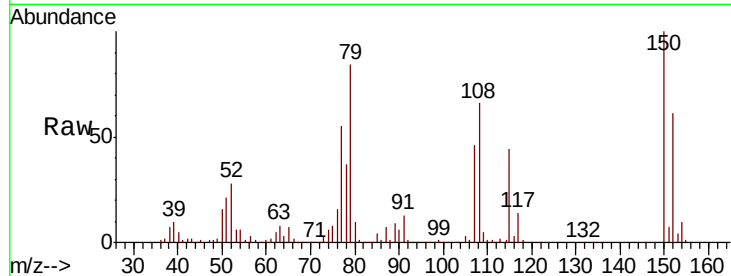




#15
Benzyl Alcohol
Concen: 34.033 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

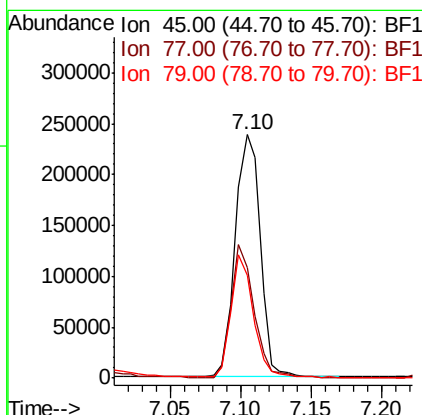
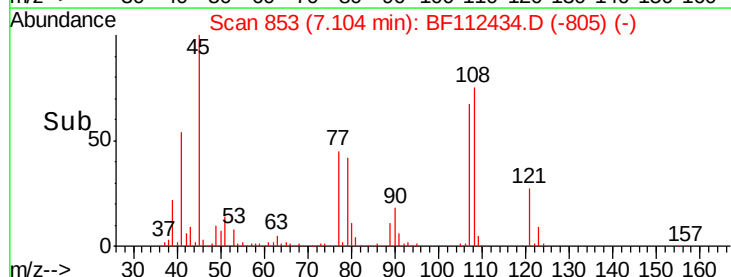
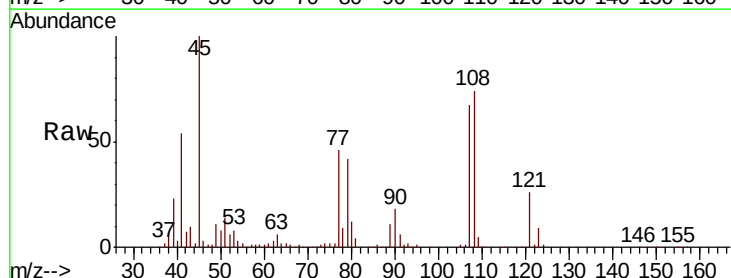
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

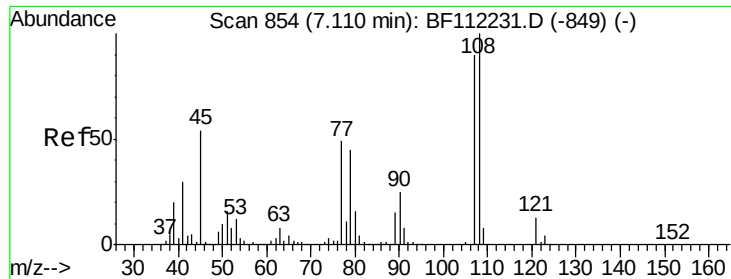
Tot Ion: 79 Resp: 235503
Ion Ratio Lower Upper
79 100
108 78.9 64.2 96.2
77 65.0 50.3 75.5



#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#

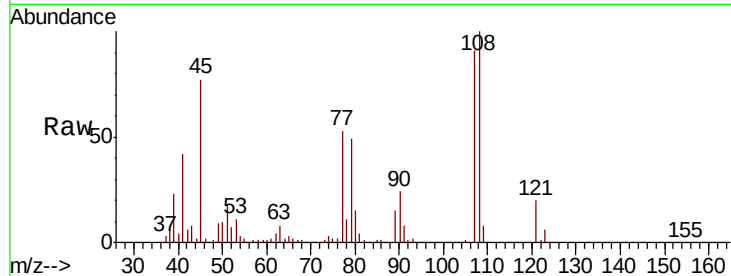




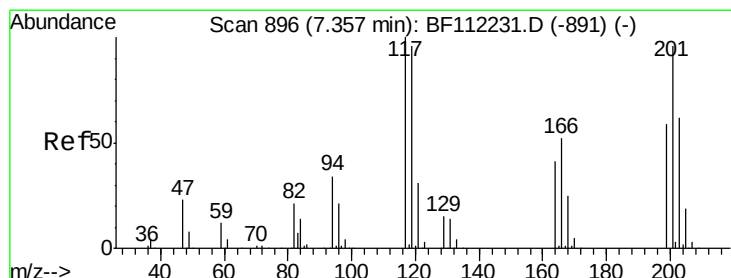
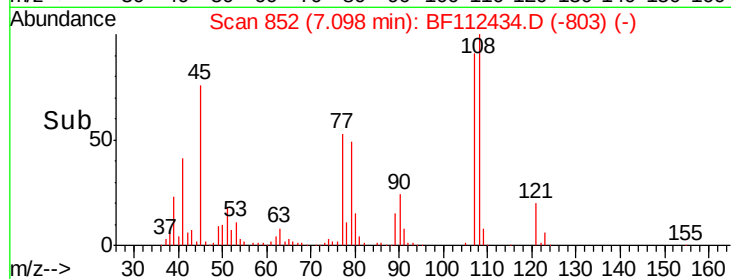
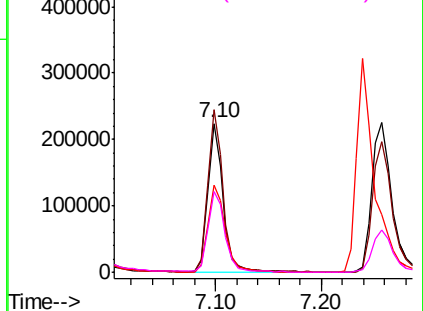
#17
2-Methylphenol
Concen: 35.232 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

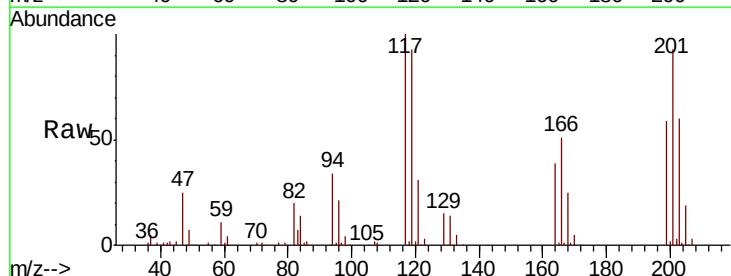


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

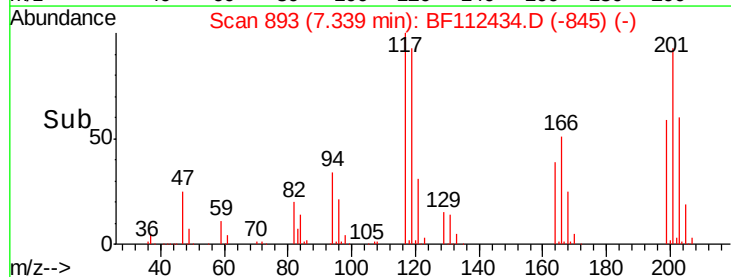
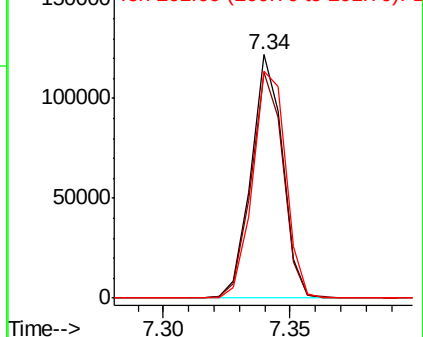


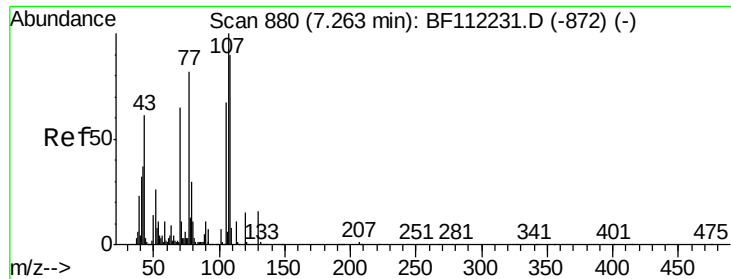
#18
Hexachloroethane
Concen: 31.497 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

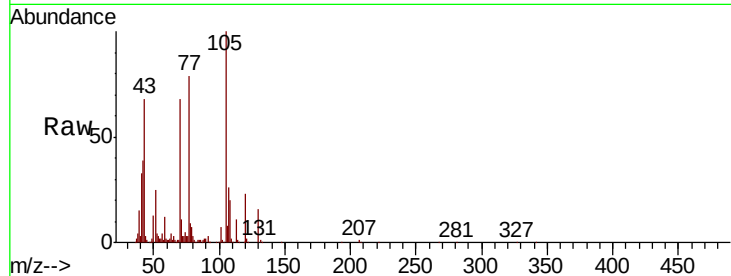




#19
n-Nitroso-di-n-propylamine
Concen: 32.895 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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



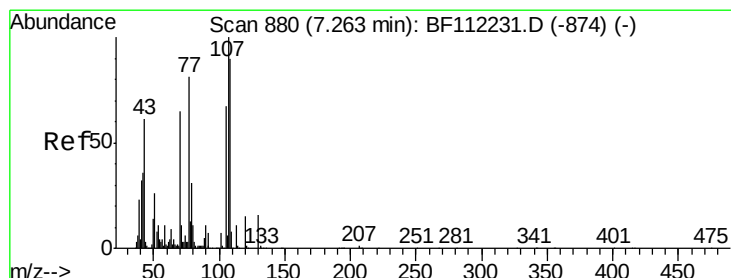
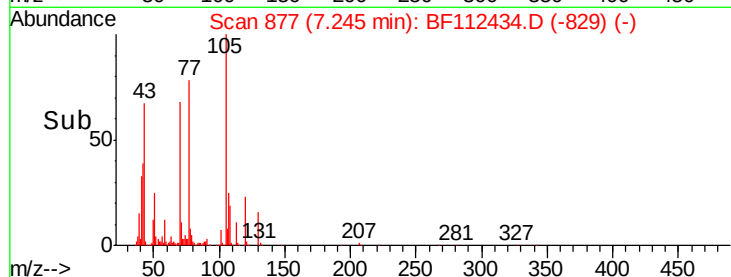
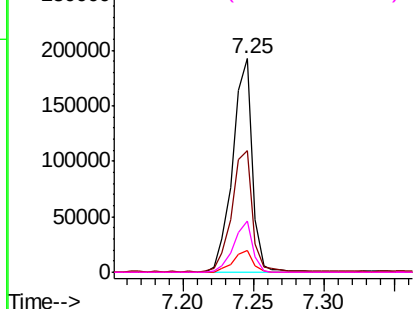
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#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

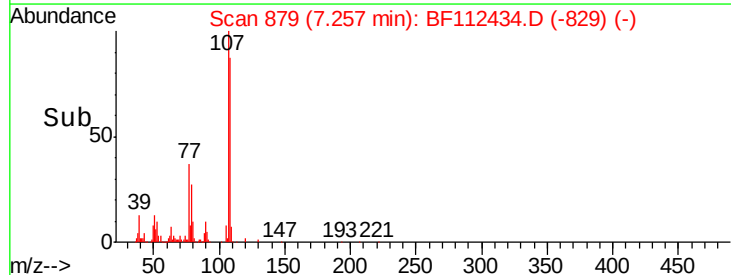
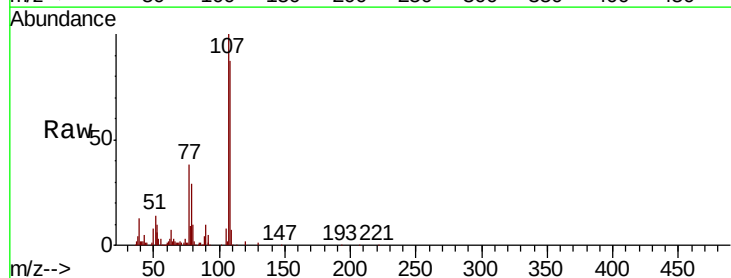
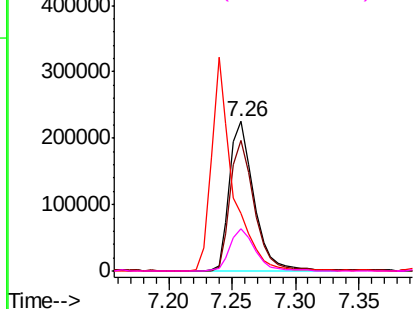
Abundance

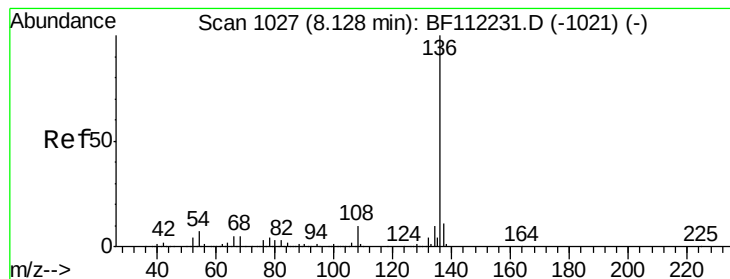
Ion 107.00 (106.70 to 107.70): E

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





#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

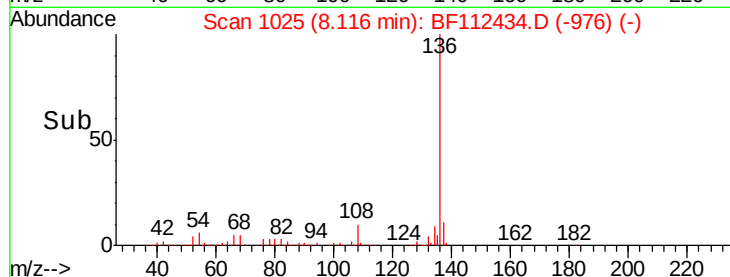
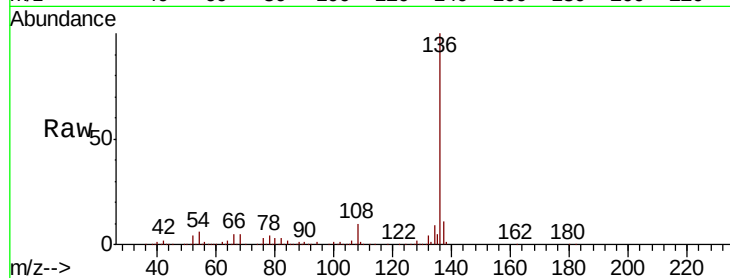
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 5.9 8.9

68 4.7 5.1 7.7#



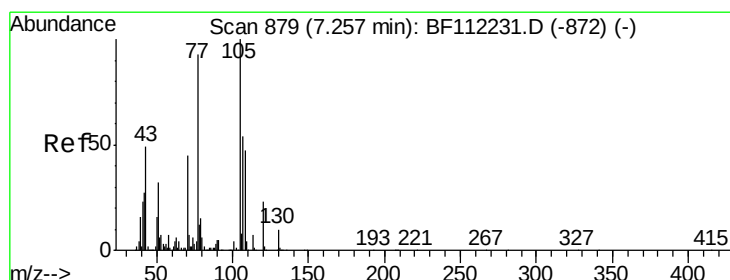
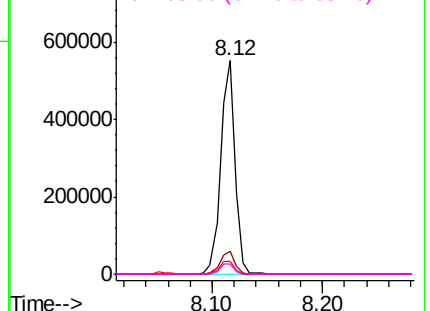
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 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

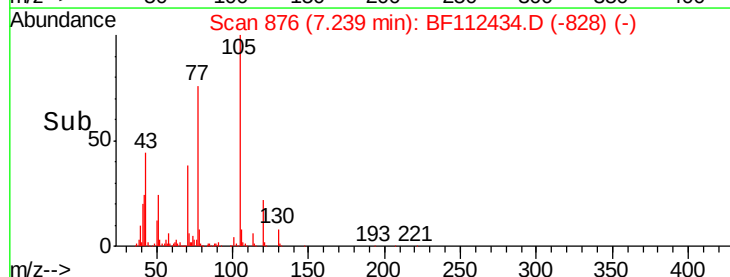
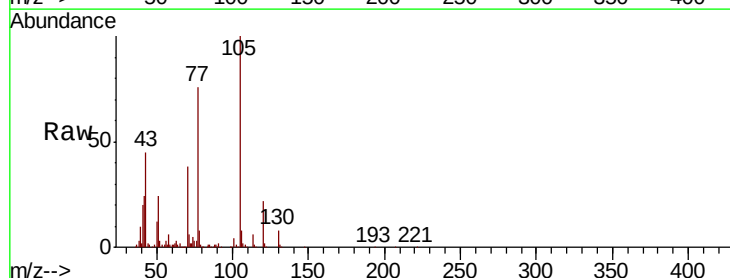
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 24.4 25.0 37.6#

120 22.1 19.0 28.4



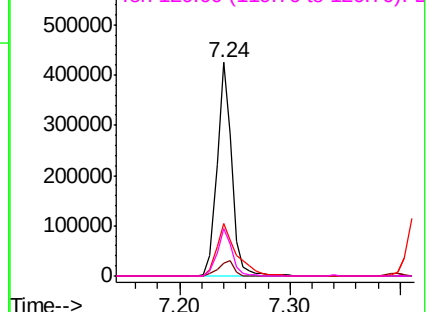
Abundance

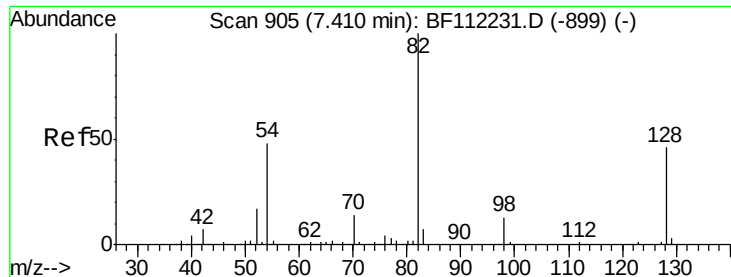
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

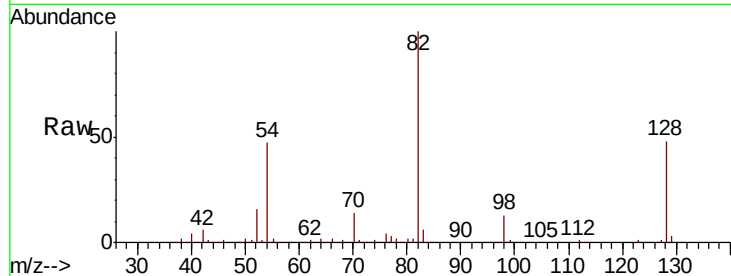




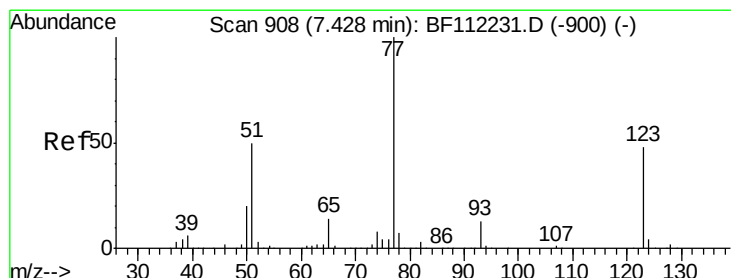
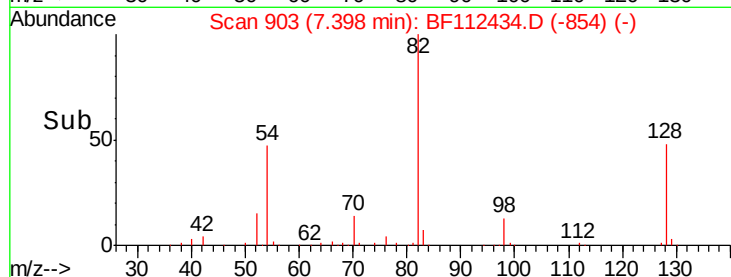
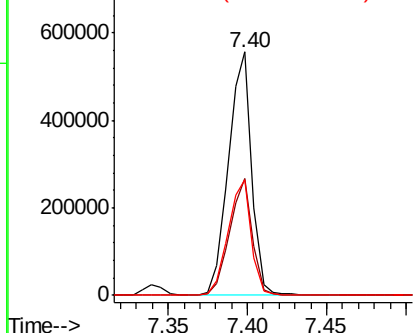
#23
 Nitrobenzene-d5
 Concen: 65.127 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

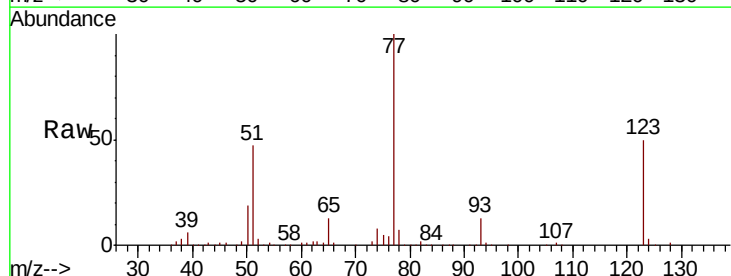


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

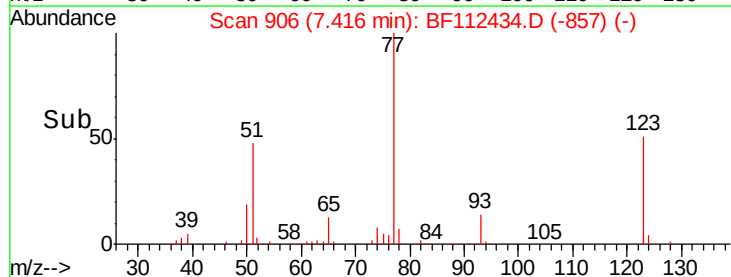
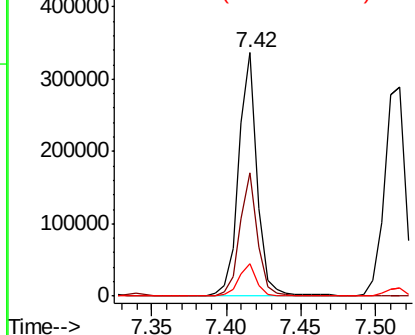


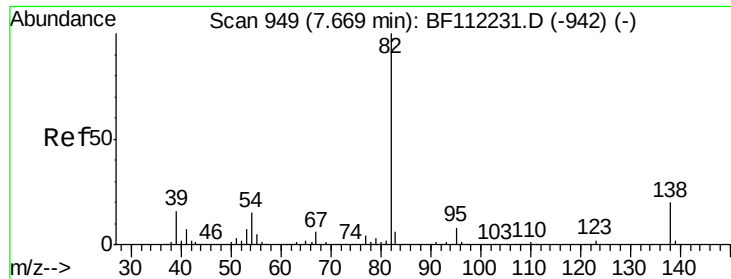
#24
 Nitrobenzene
 Concen: 33.544 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

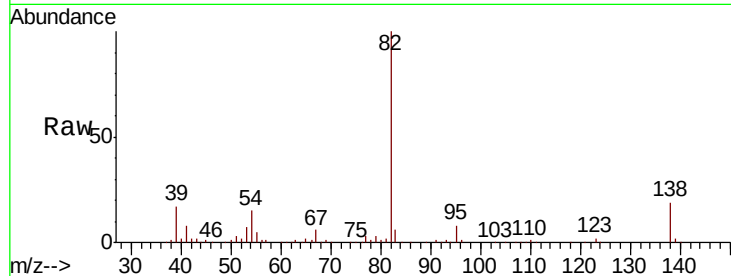
Tot Ion: 82 Resp: 496615

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

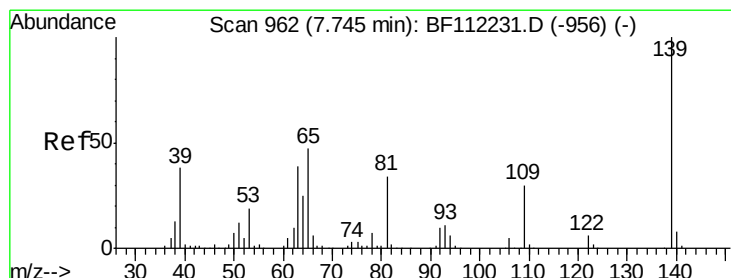
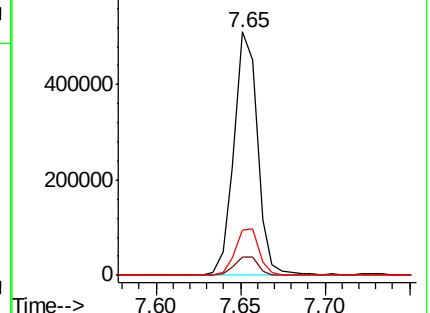
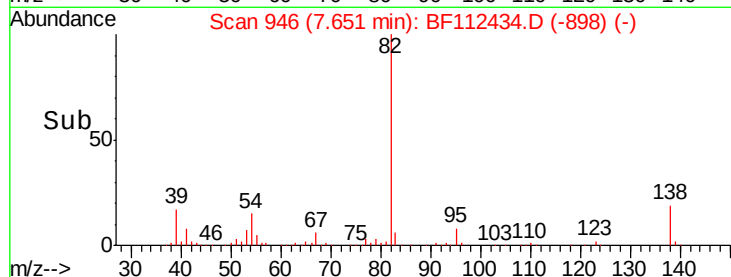
138 18.7 15.4 23.0



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

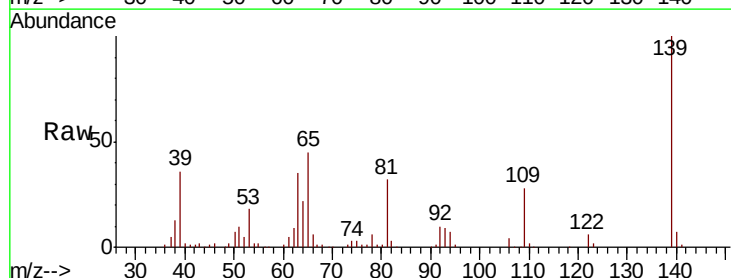
Tgt Ion: 139 Resp: 157300

Ion Ratio Lower Upper

139 100

109 28.1 20.8 31.2

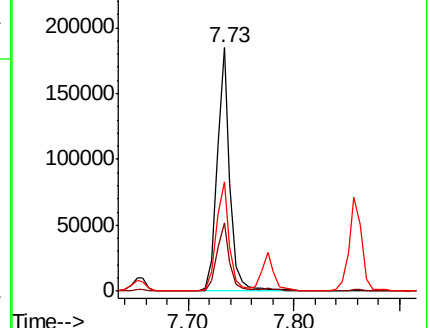
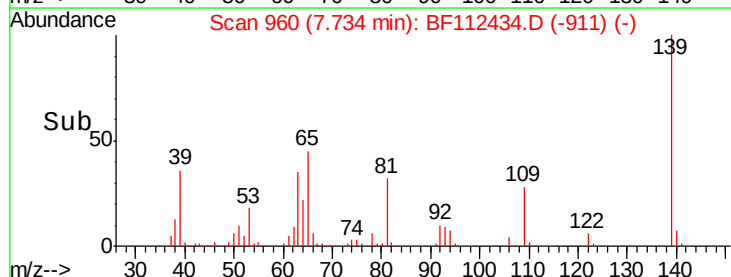
65 45.0 34.4 51.6

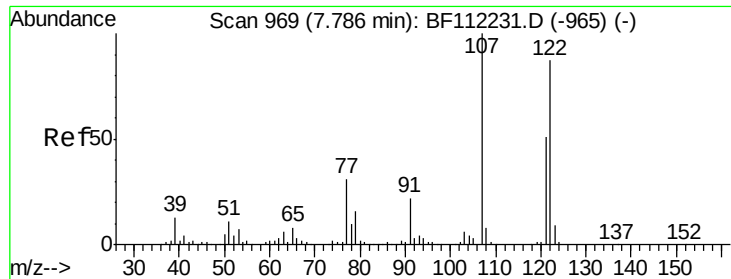


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

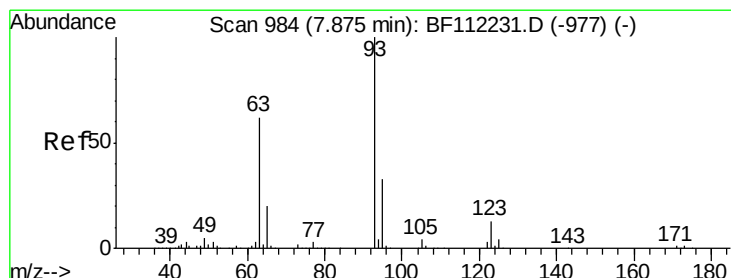
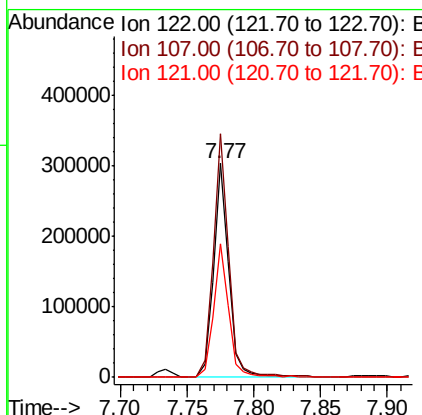
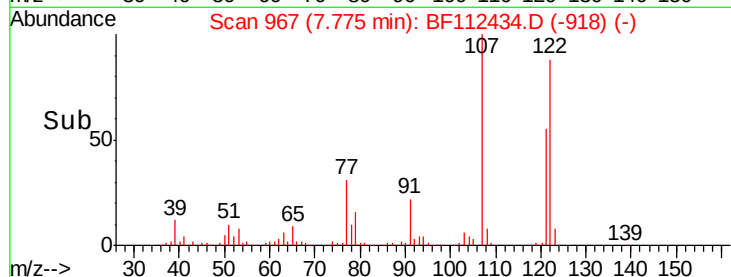
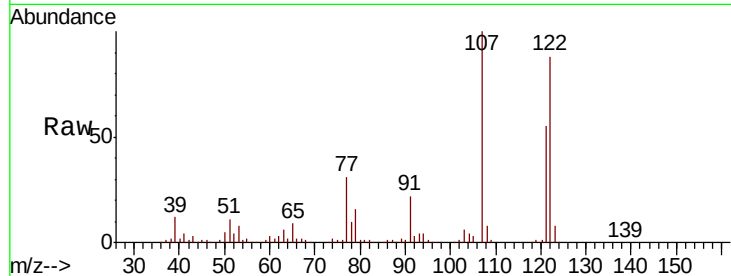




#27
2,4-Dimethylphenol
Concen: 38.770 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

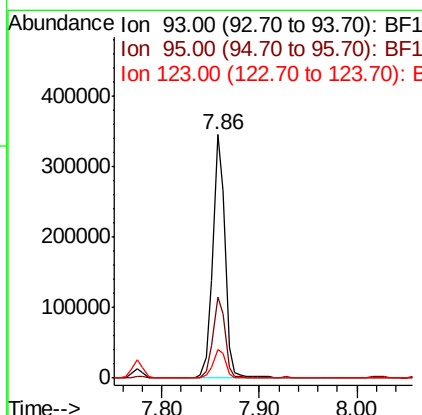
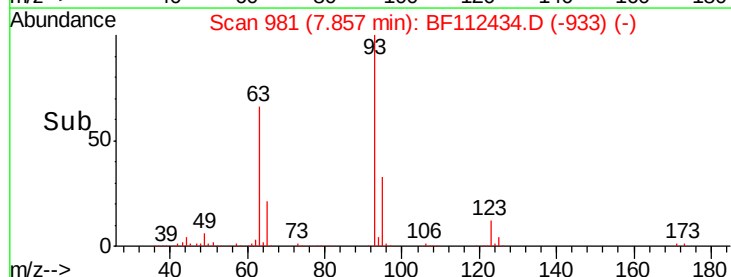
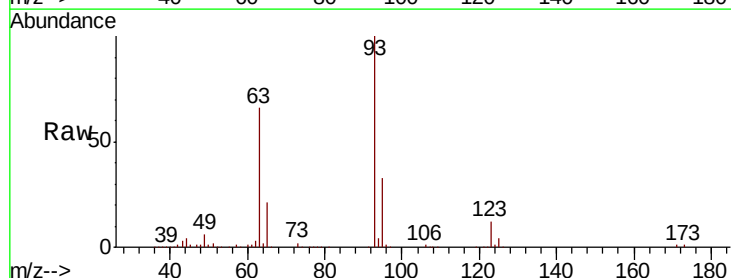
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

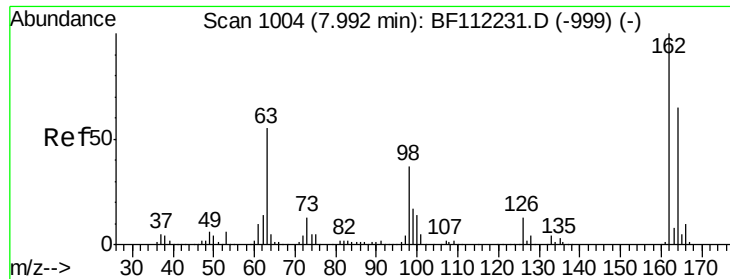
Tot Ion:122 Resp: 245764
Ion Ratio Lower Upper
122 100
107 113.7 85.4 128.0
121 62.3 47.0 70.4



#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

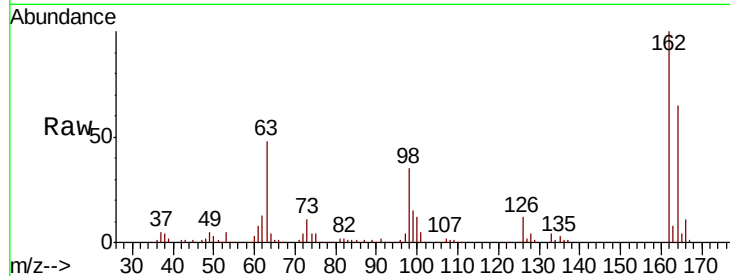




#29
 2,4-Dichlorophenol
 Concen: 35.167 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

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

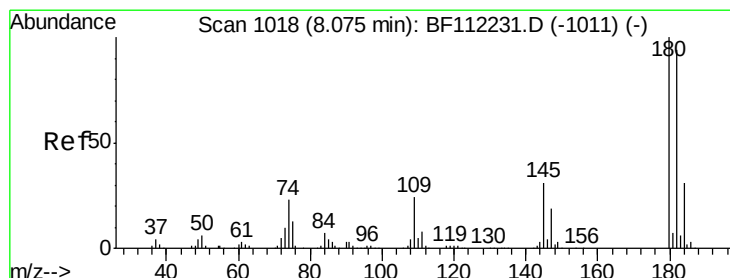
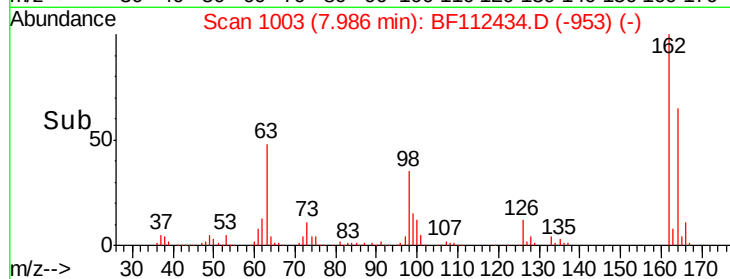
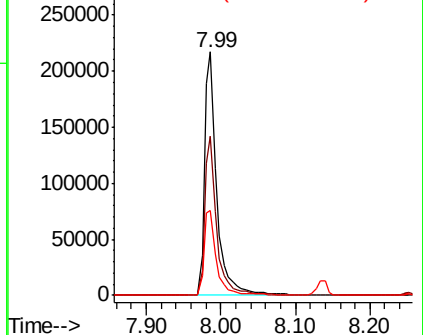


Abundance

Ion 162.00 (161.70 to 162.70): E

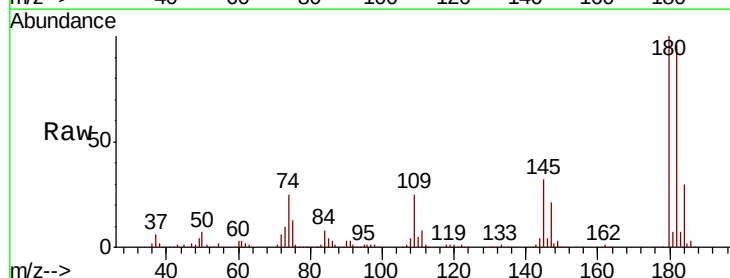
Ion 164.00 (163.70 to 164.70): E

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	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	32.1	25.0	37.4

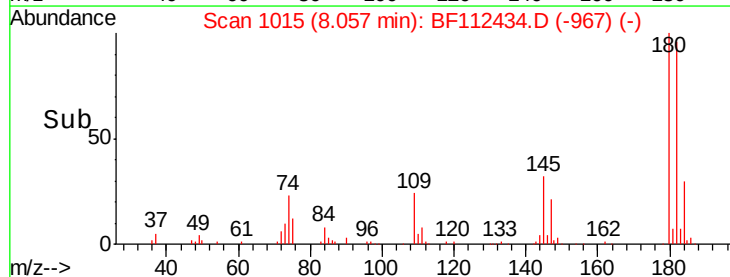
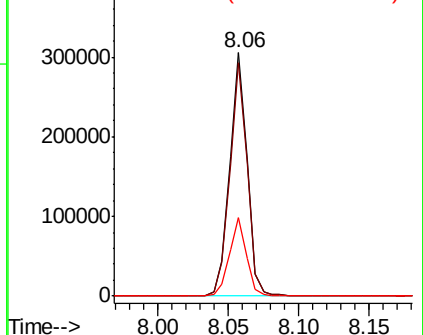


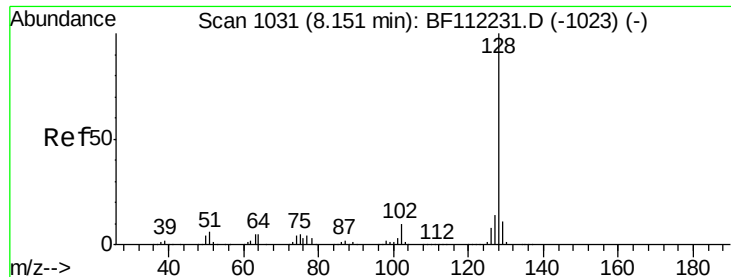
Abundance

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

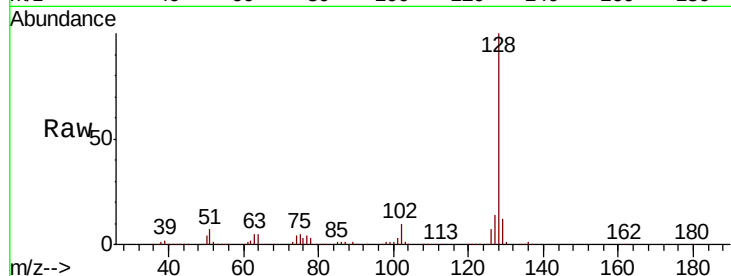




#31
Naphthalene
Concen: 36.183 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

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

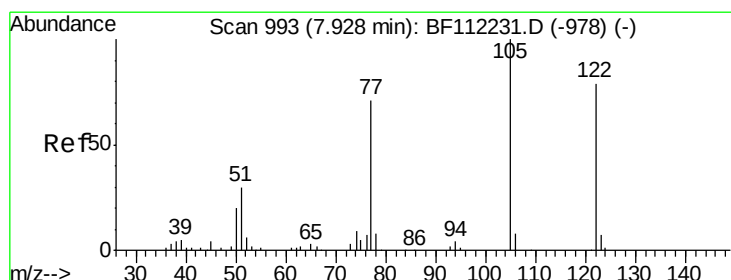
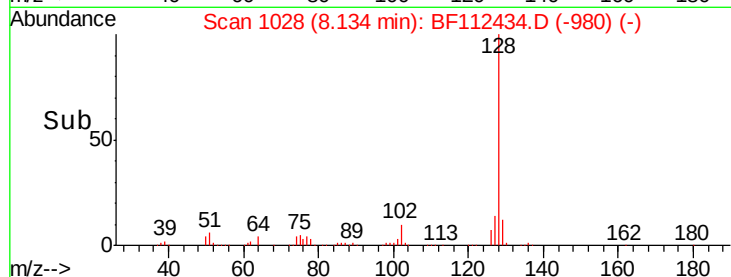
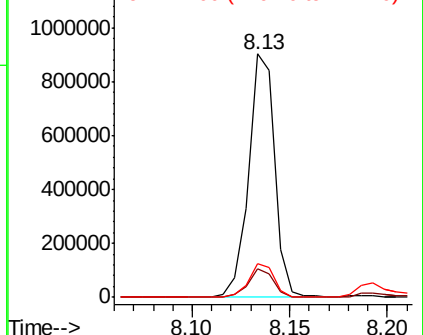


Abundance

Ion 128.00 (127.70 to 128.70): E

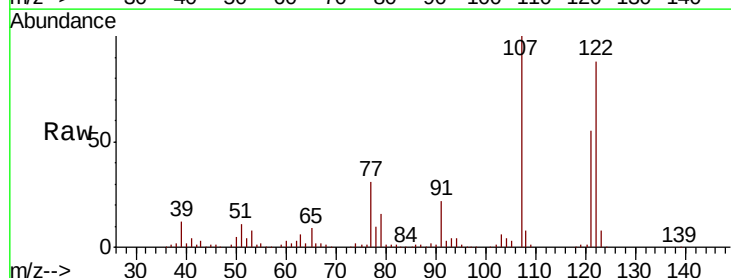
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 67.967 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.15 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.4	101.2	141.2#
77	35.6	70.4	110.4#

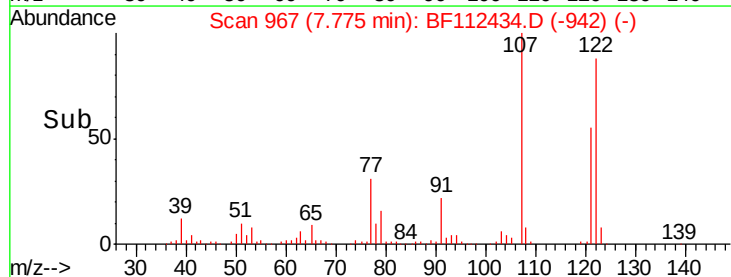
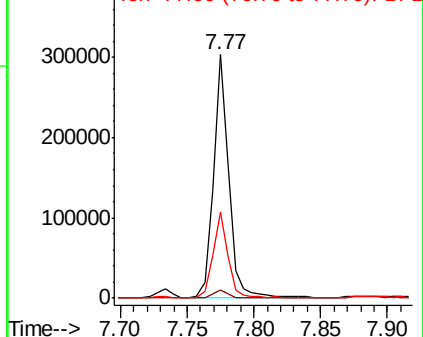


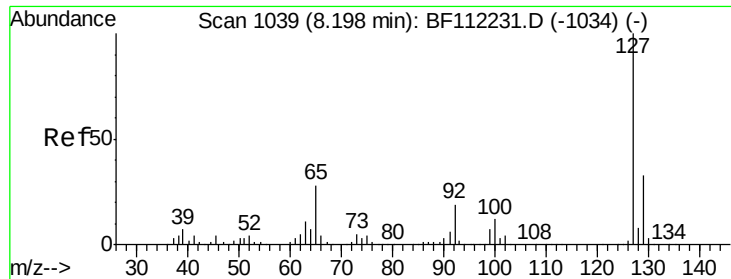
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

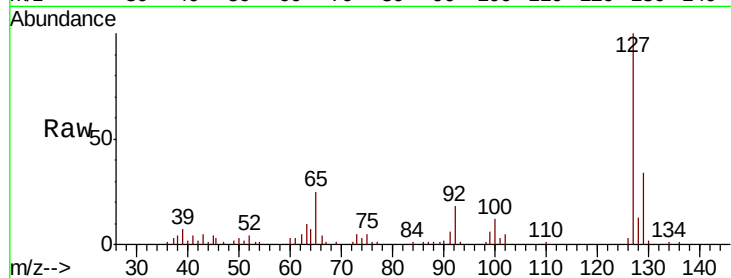




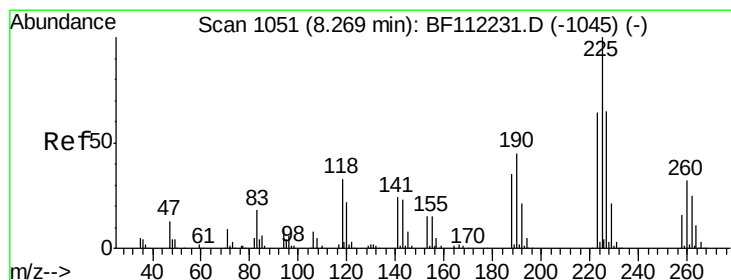
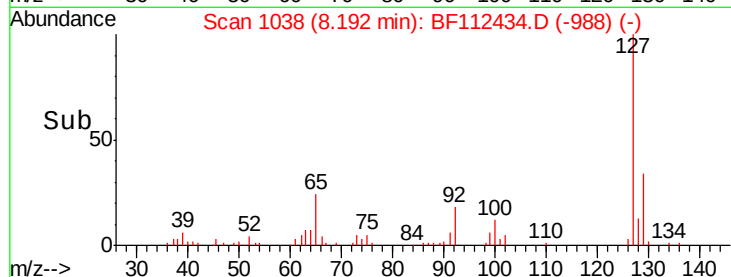
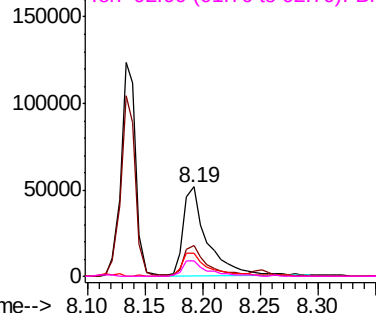
#33
4-Chloroaniline
Concen: 7.326 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot 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

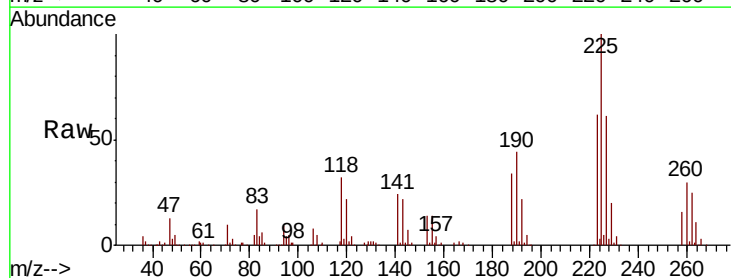


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

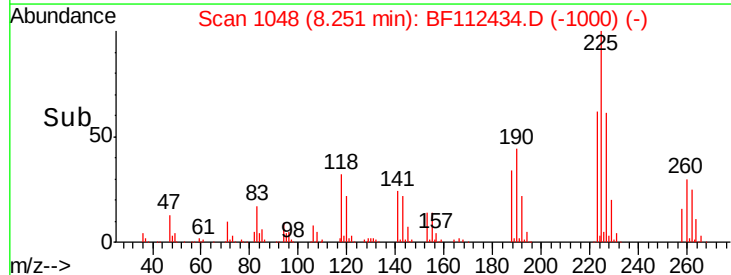
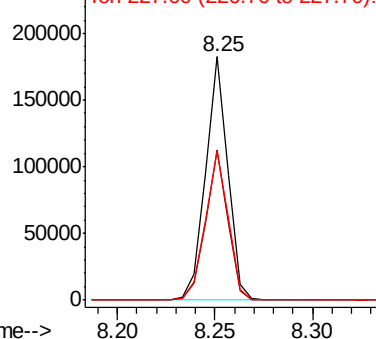


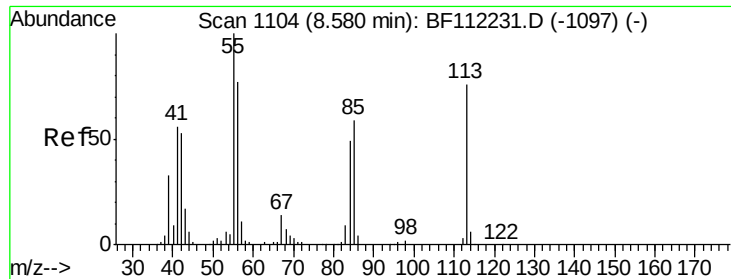
#34
Hexachlorobutadiene
Concen: 30.064 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt Ion:	225	Resp:	143855
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.3	75.5
227	61.3	51.8	77.8



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

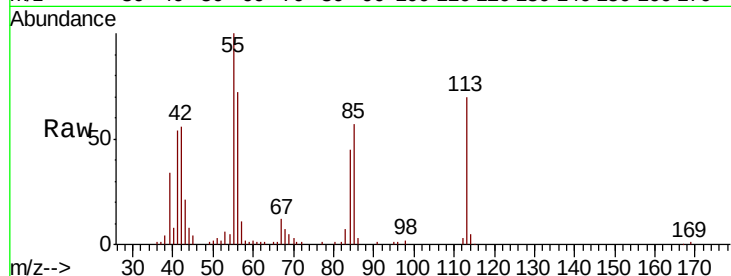




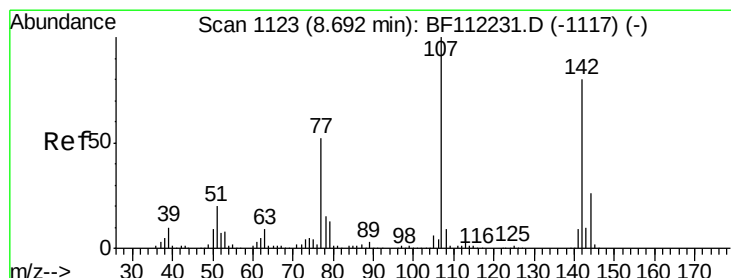
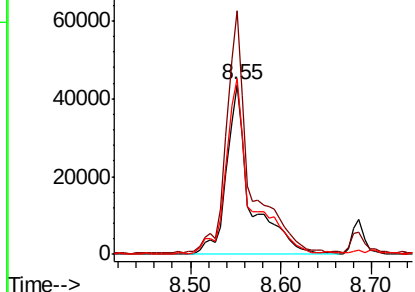
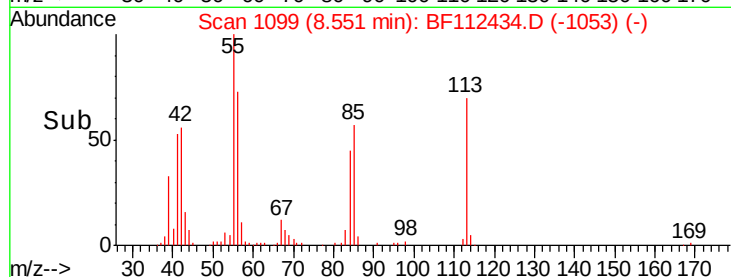
#35
 Caprolactam
 Concen: 32.130 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.03 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion:113 Resp: 80407
 Ion Ratio Lower Upper
 113 100
 55 143.2 121.6 161.6
 56 103.7 86.7 126.7

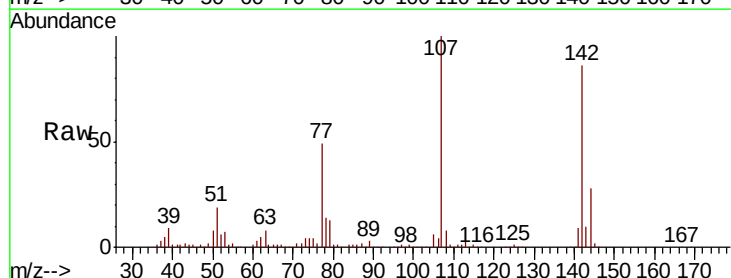


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

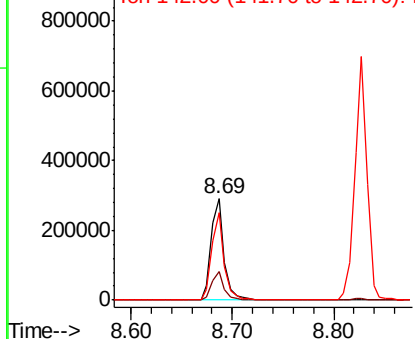
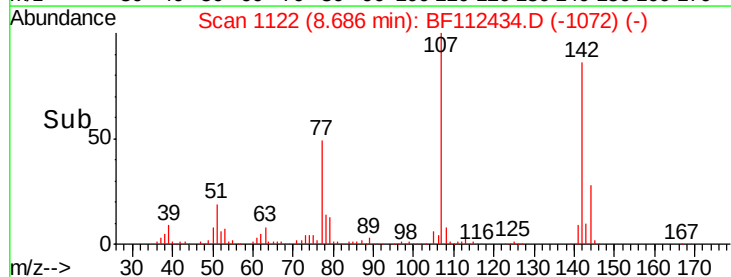


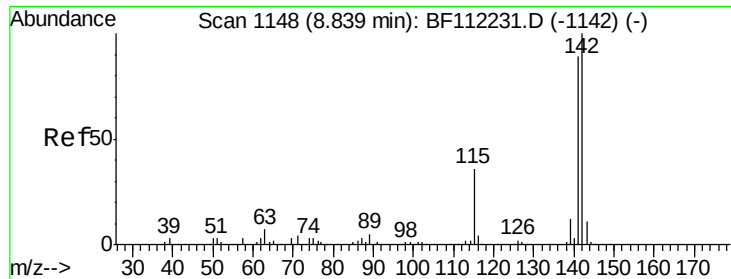
#36
 4-Chloro-3-methylphenol
 Concen: 34.735 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt 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

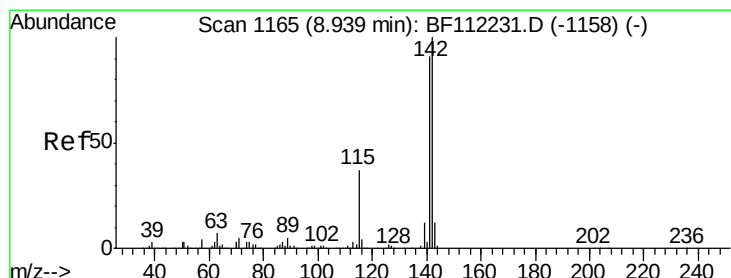
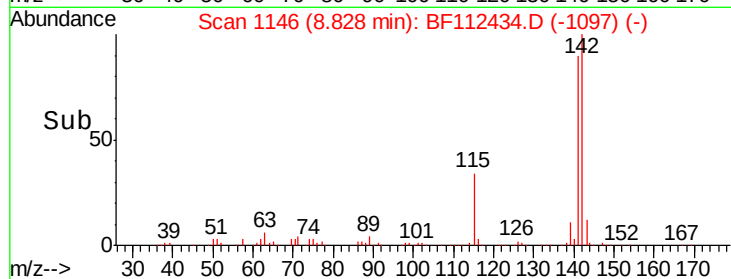
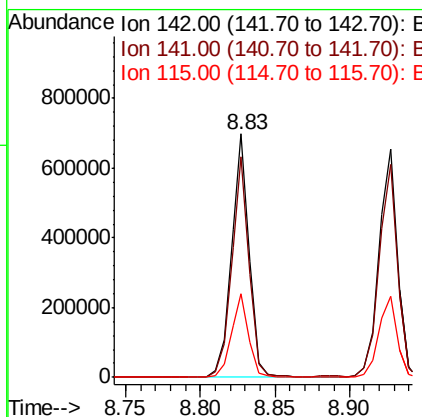
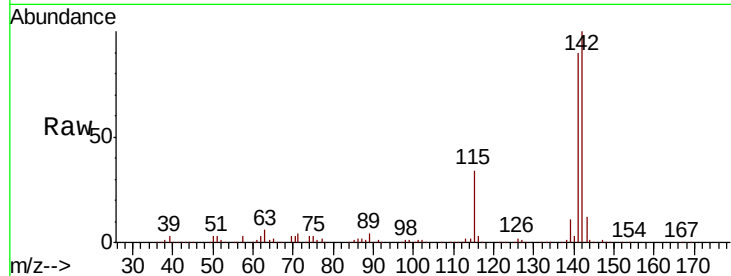




#37
 2-Methylnaphthalene
 Concen: 36.620 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

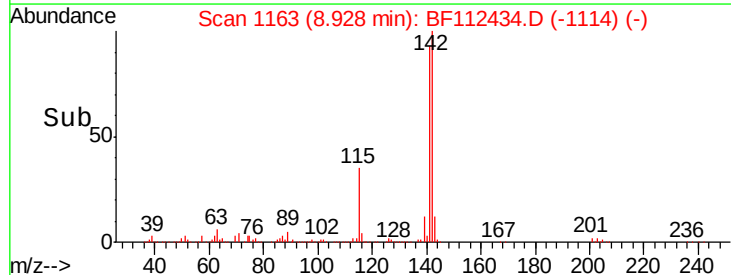
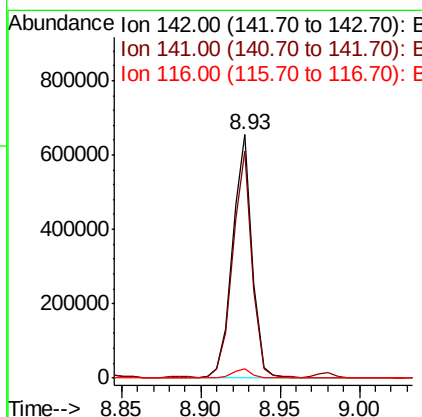
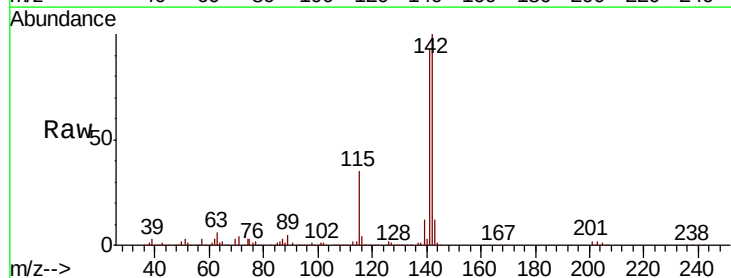
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

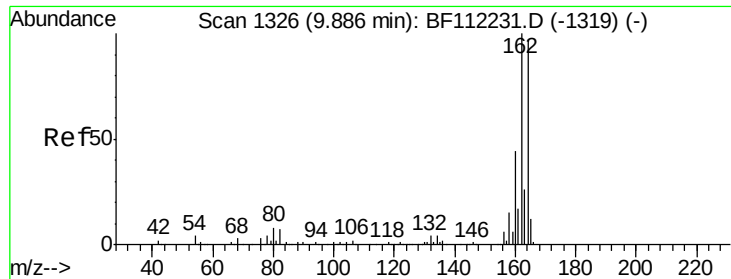
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.9	106.3
115	34.3	24.9	37.3



#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

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

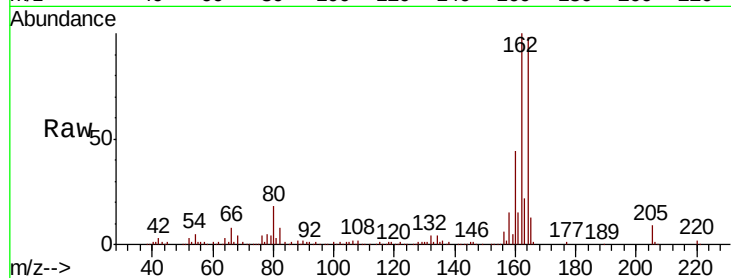




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

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

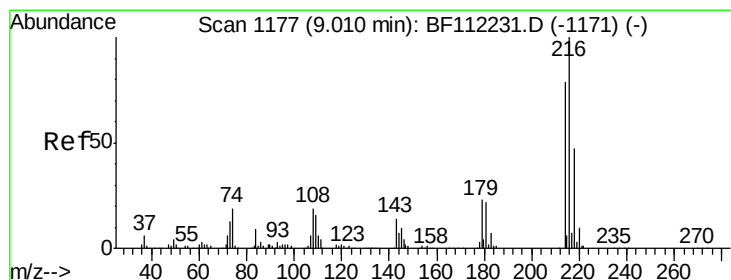
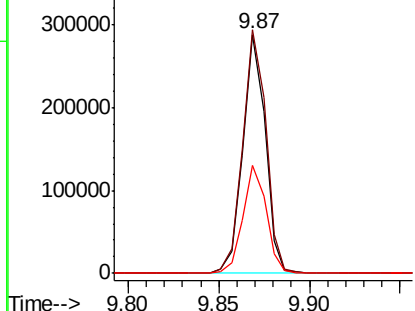
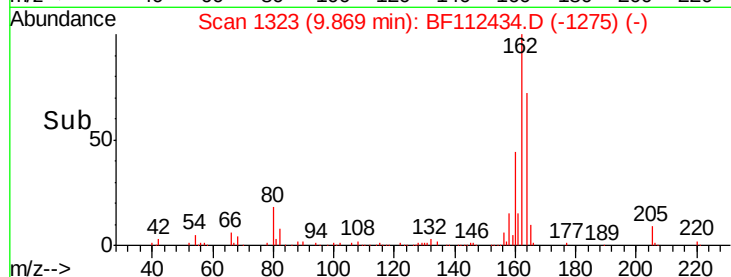


Abundance

Ion 164.00 (163.70 to 164.70): E

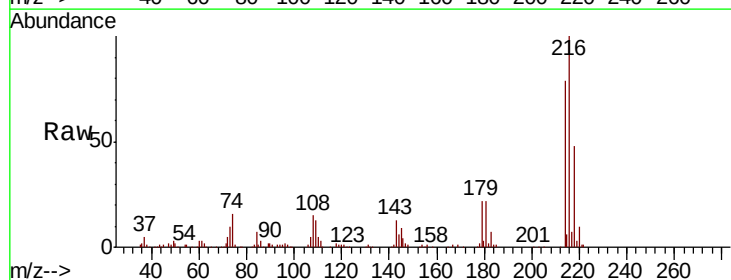
Ion 162.00 (161.70 to 162.70): E

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

Tgt 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



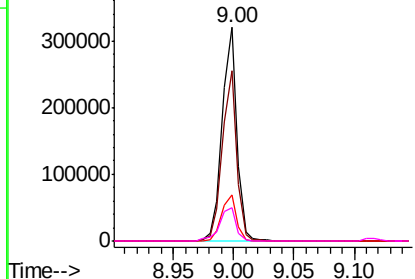
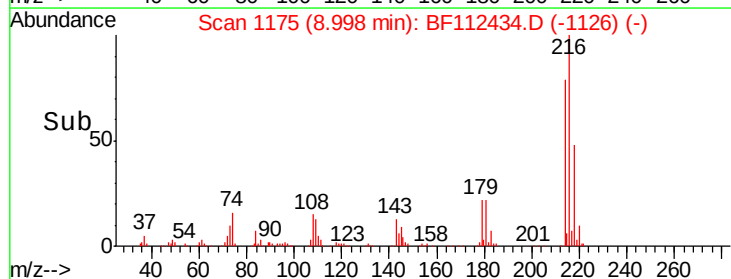
Abundance

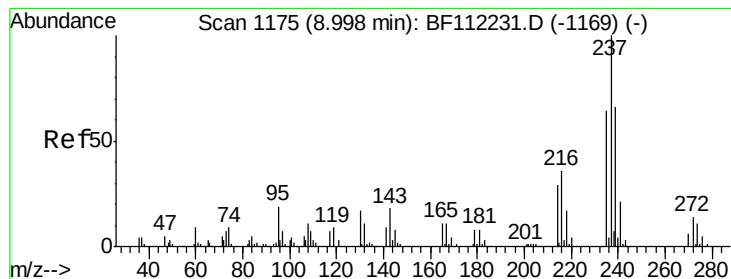
Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

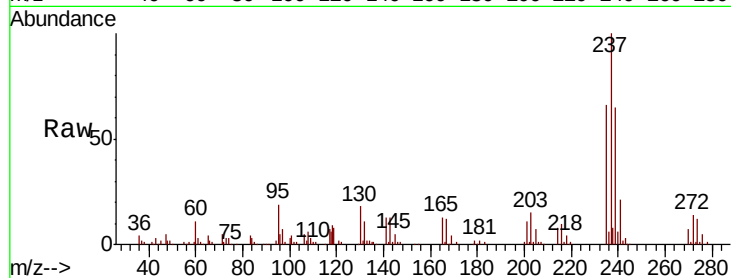
Tot Ion:237 Resp: 83874

Ion Ratio Lower Upper

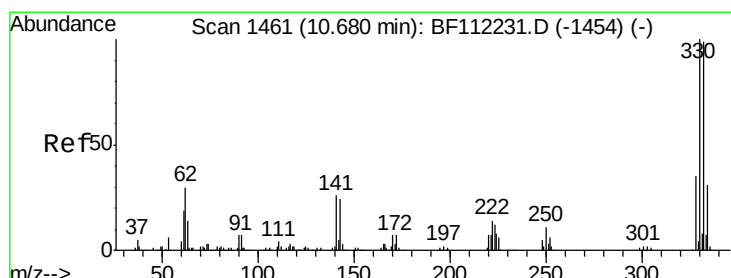
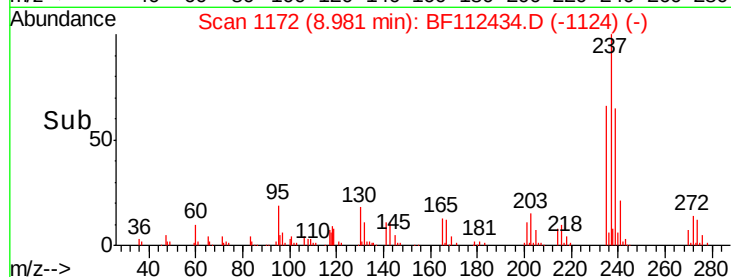
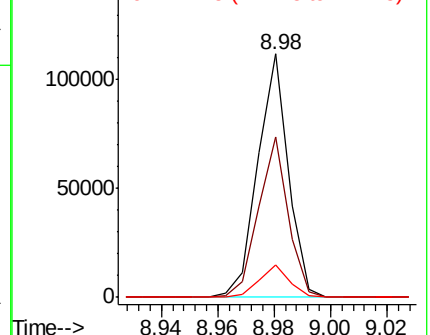
237 100

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

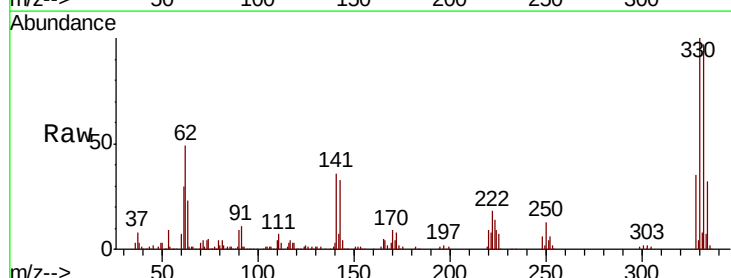
Tgt Ion:330 Resp: 285675

Ion Ratio Lower Upper

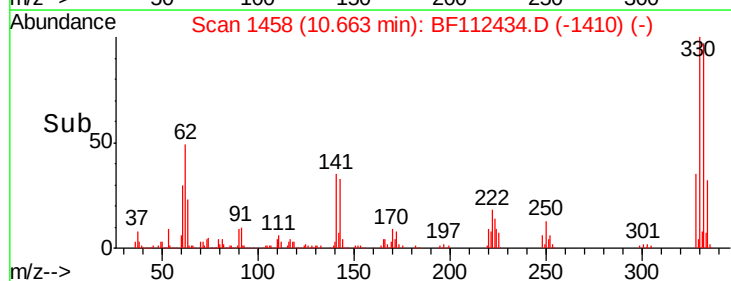
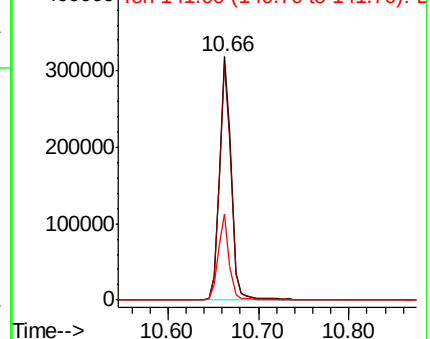
330 100

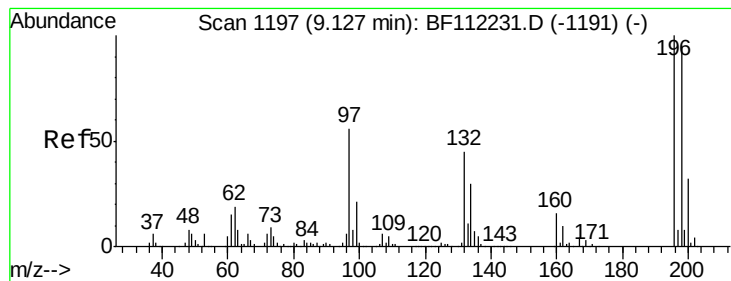
332 96.8 76.6 114.8

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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

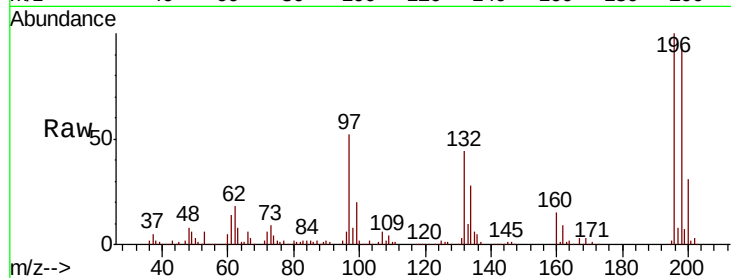
Tot Ion:196 Resp: 174237

Ion Ratio Lower Upper

196 100

198 94.1 76.2 114.4

200 30.9 24.3 36.5

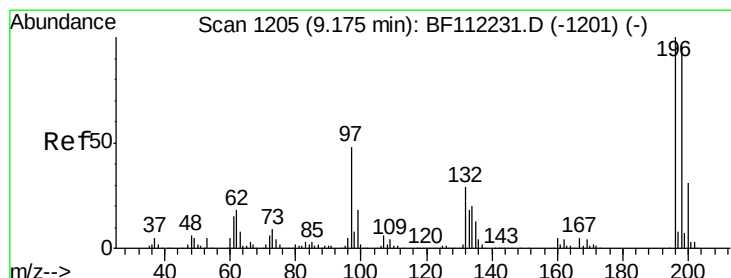
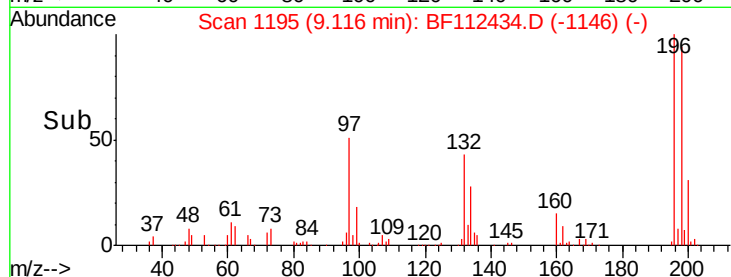
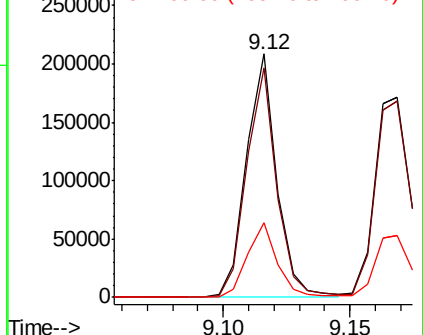


Abundance

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

Tgt Ion:196 Resp: 184705

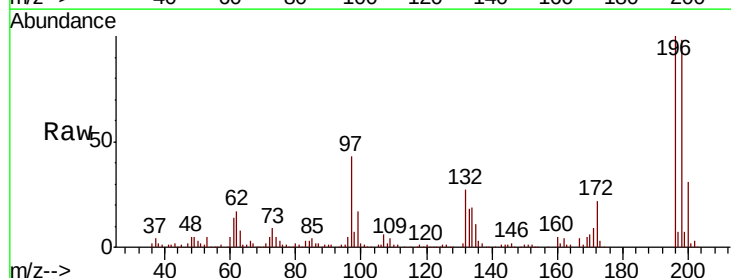
Ion Ratio Lower Upper

196 100

198 98.2 76.0 114.0

97 42.8 36.4 54.6

132 26.8 21.5 32.3



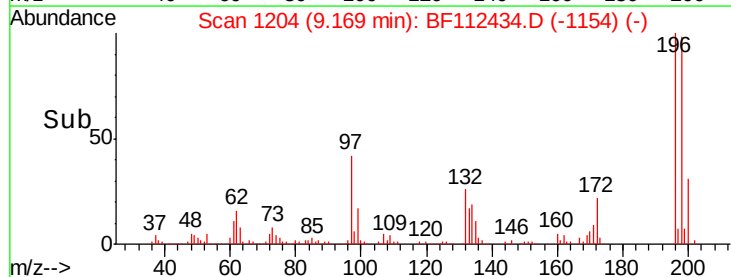
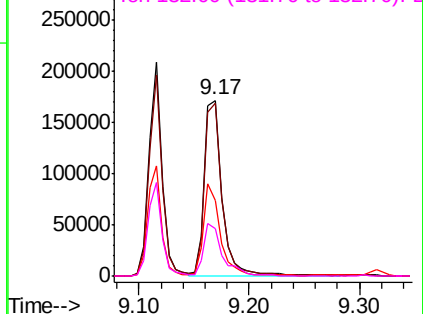
Abundance

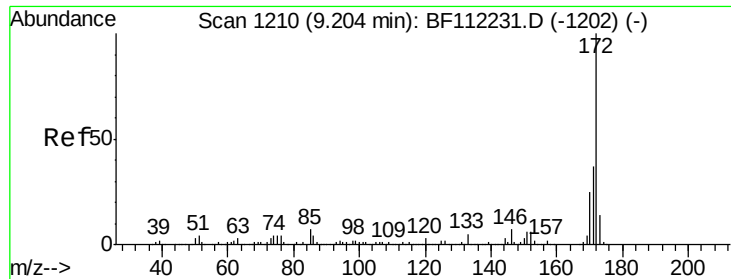
Ion 196.00 (195.70 to 196.70): E

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

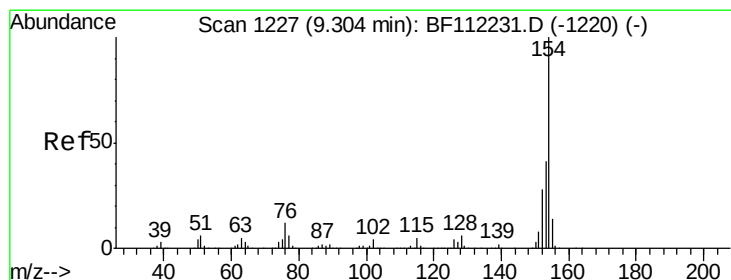
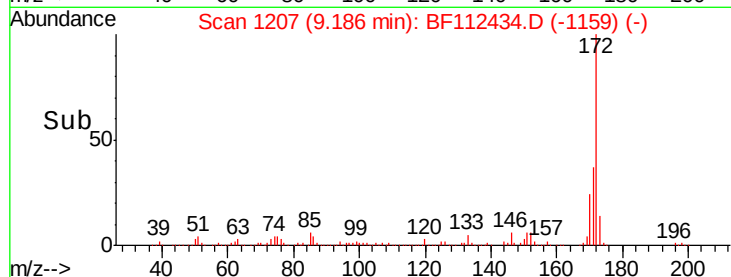
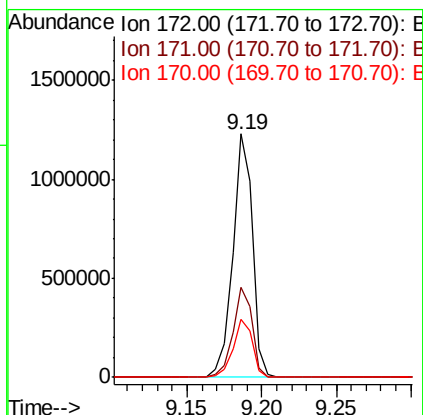
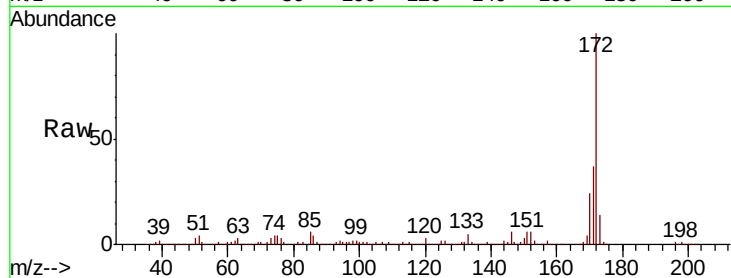




#45
2-Fluorobiphenyl
Concen: 65.063 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

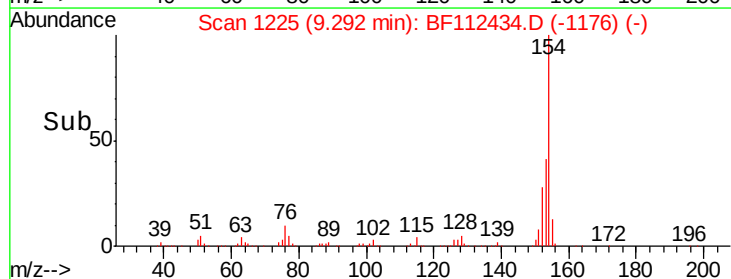
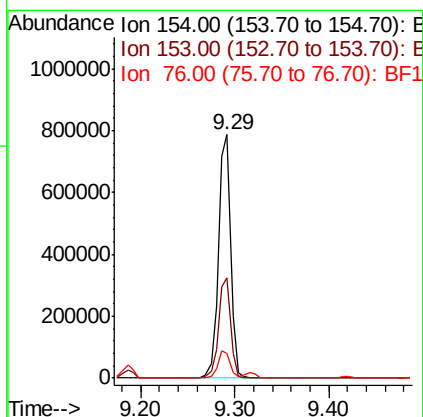
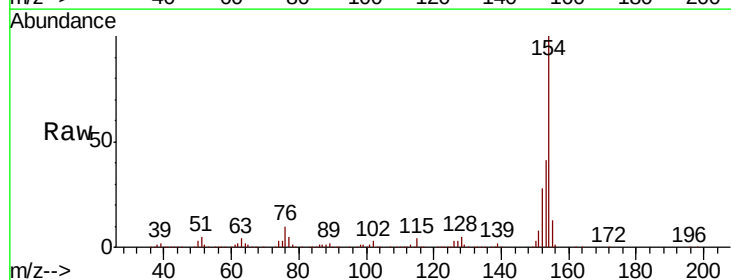
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

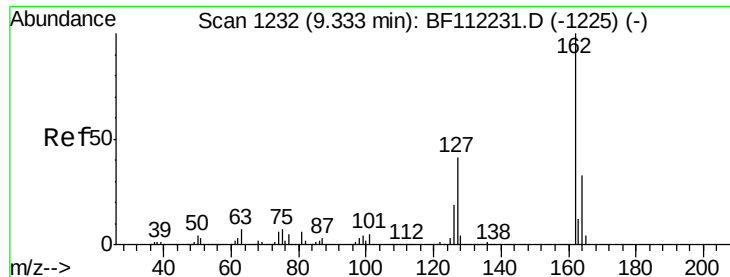
Tot Ion:172 Resp: 1142731
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.6 20.2 30.4



#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

Tgt Ion:154 Resp: 718162
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 10.3 0.0 33.1

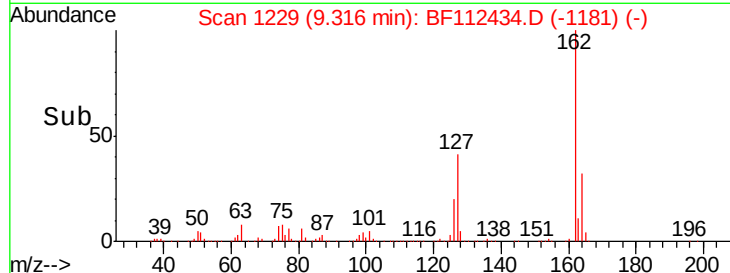
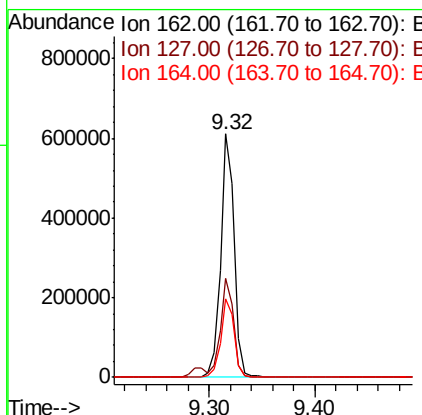
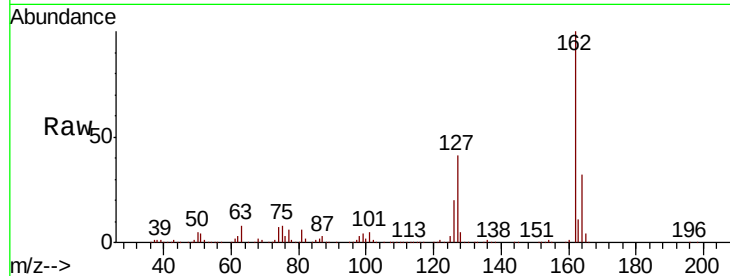




#47
 2-Chloronaphthalene
 Concen: 32.938 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

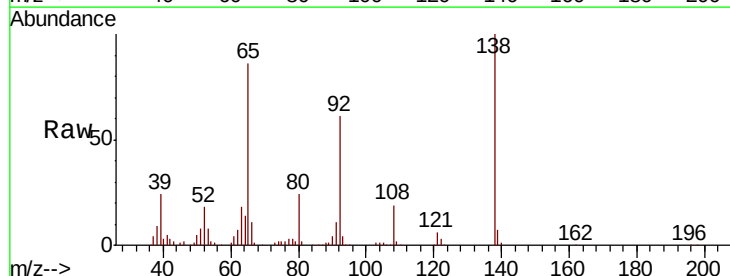
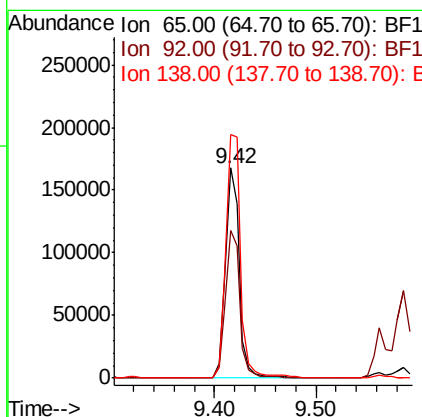
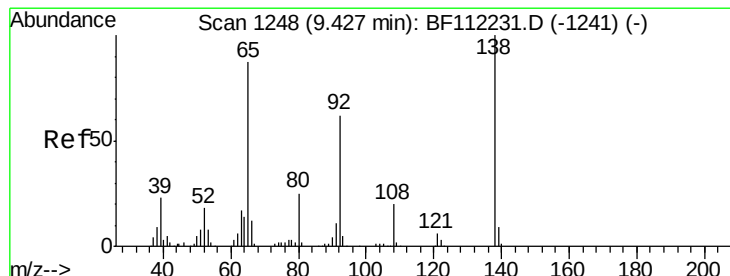
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

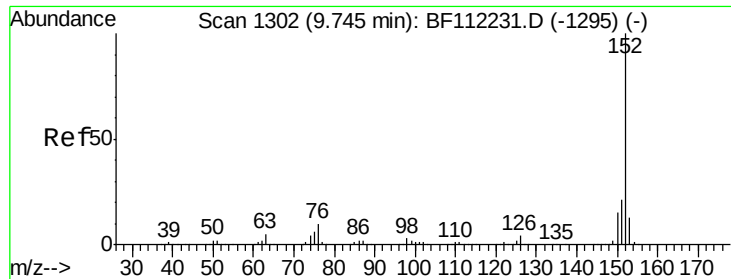
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.4	45.6
164	32.3	27.4	41.2



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

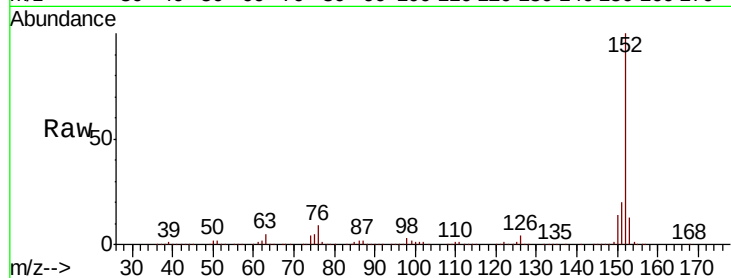
Tot Ion:152 Resp: 896337

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

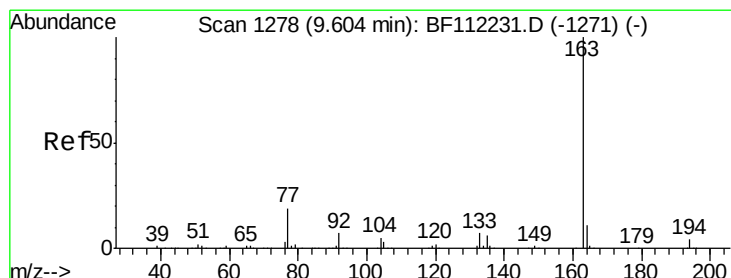
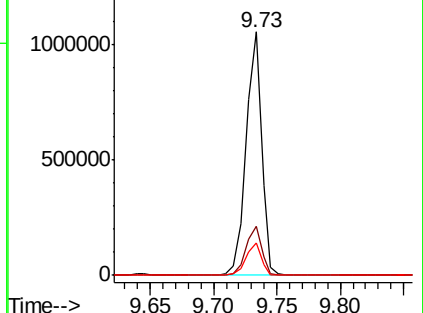
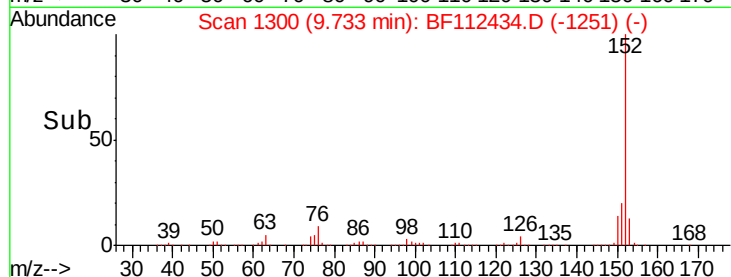
153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

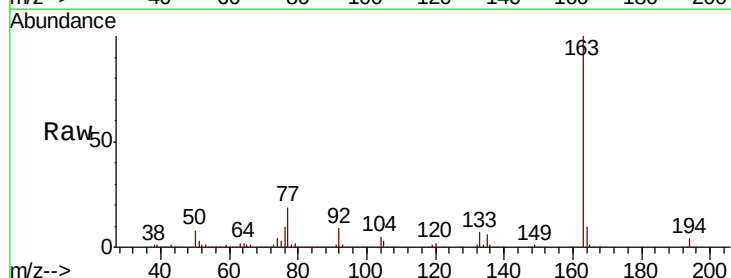
Tgt Ion:163 Resp: 719748

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

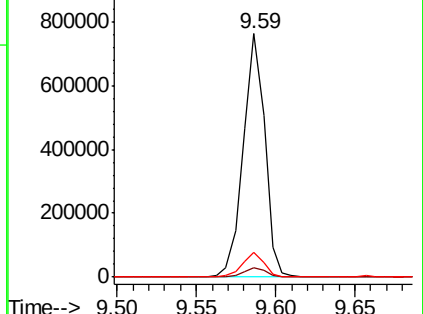
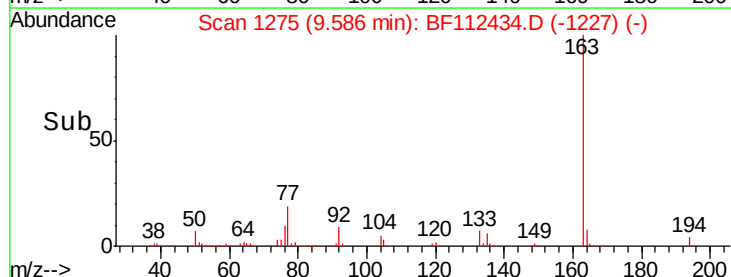
164 10.2 8.5 12.7

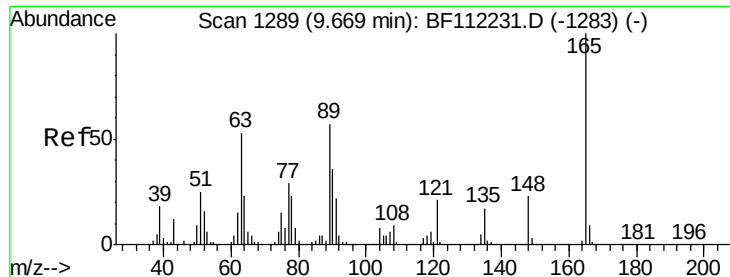


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

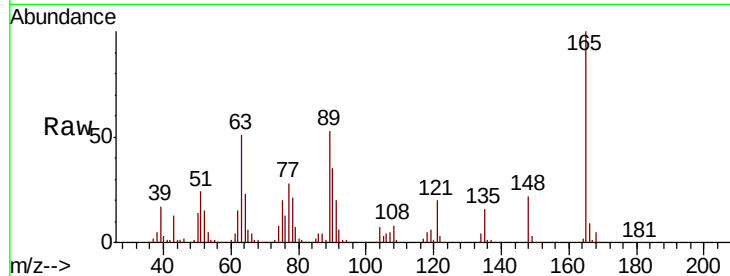




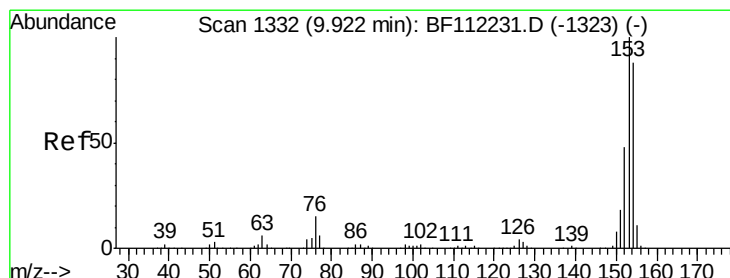
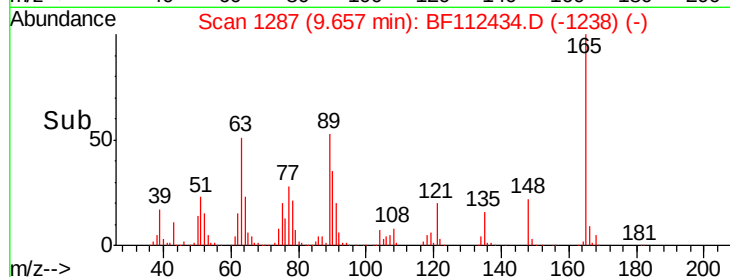
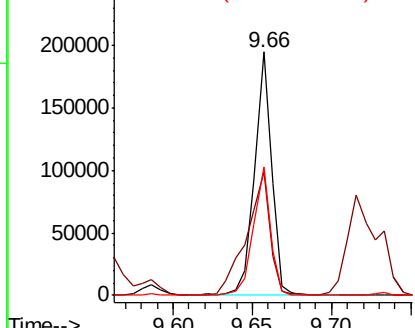
#51
2,6-Dinitrotoluene
Concen: 33.991 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

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

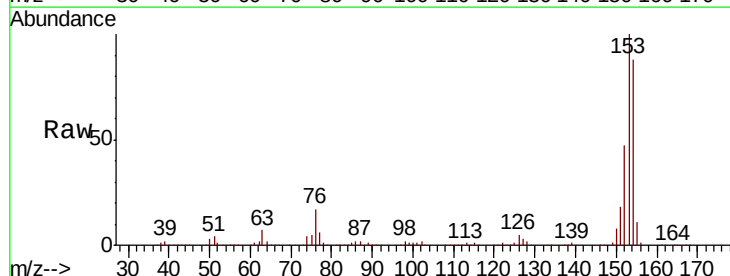


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

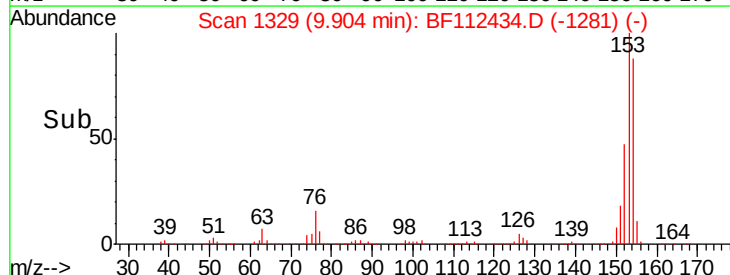
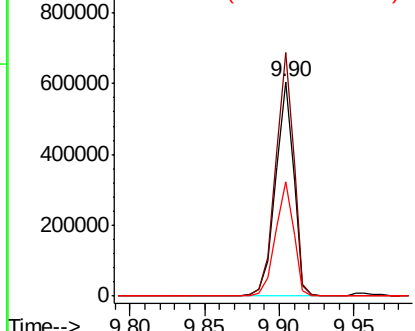


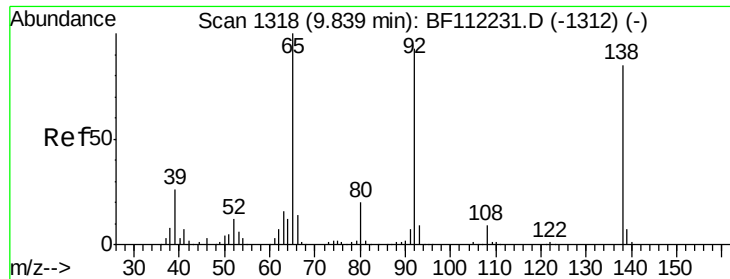
#52
Acenaphthene
Concen: 34.784 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt 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

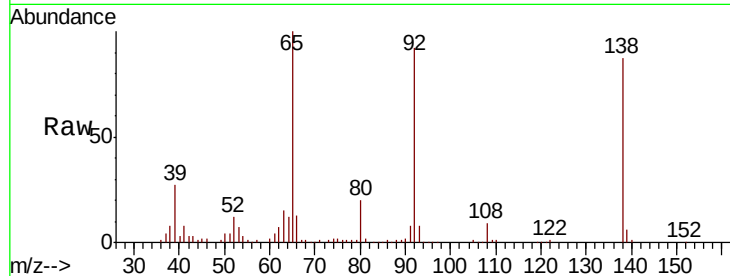




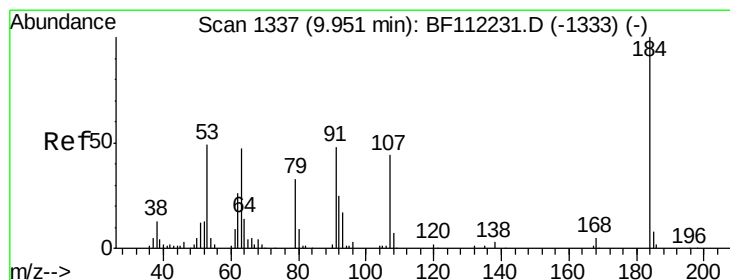
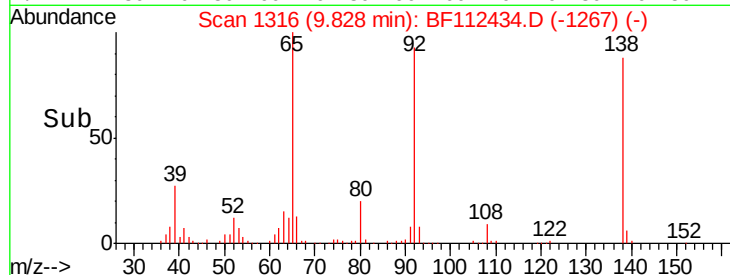
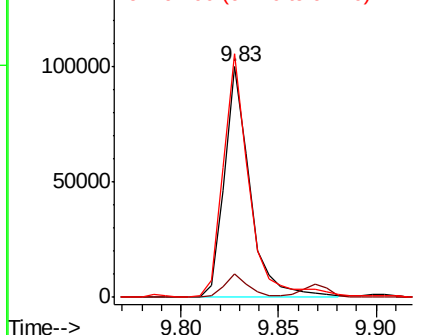
#53
3-Nitroaniline
Concen: 19.352 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:138 Resp: 90622
Ion Ratio Lower Upper
138 100
108 10.0 9.8 14.6
92 105.7 79.4 119.2

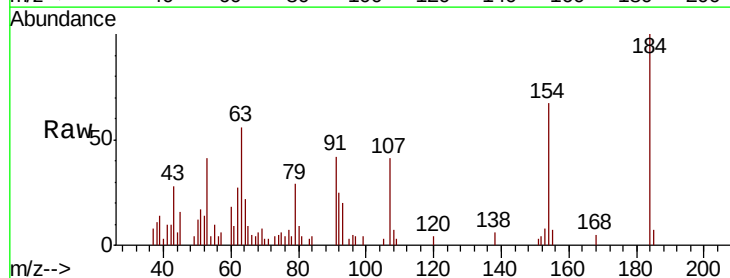


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

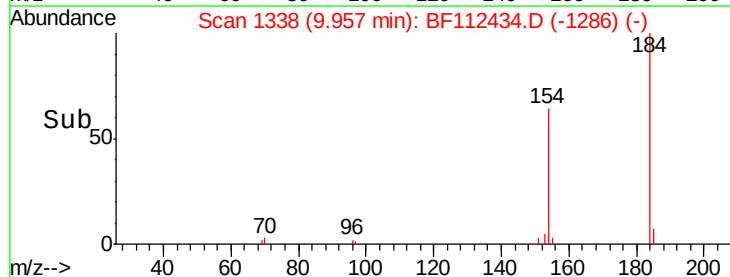
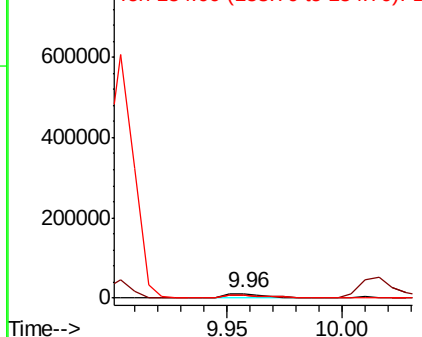


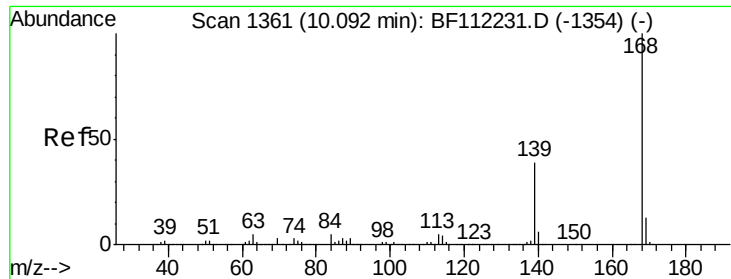
#54
2,4-Dinitrophenol
Concen: 11.595 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt 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

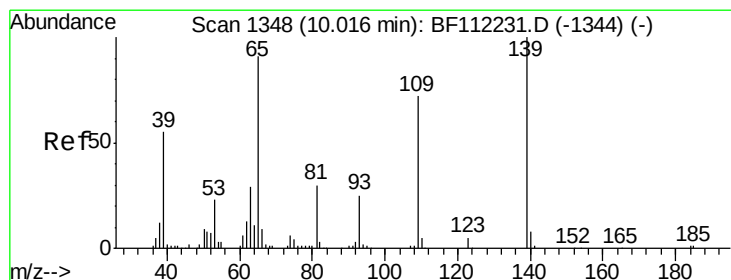
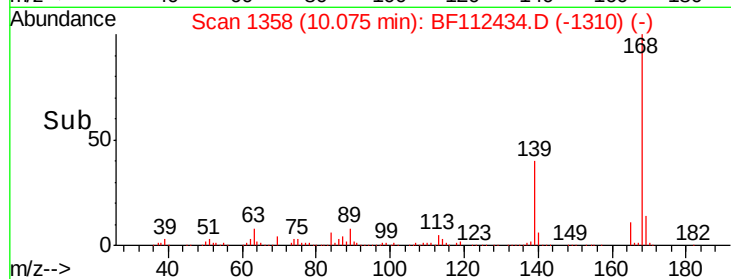
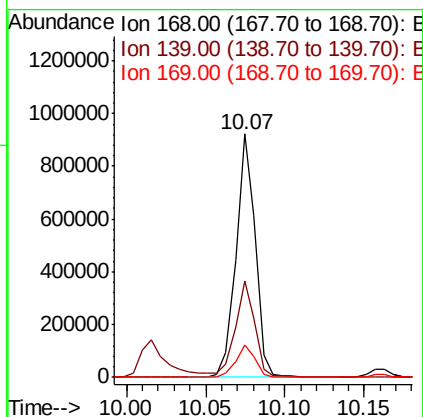
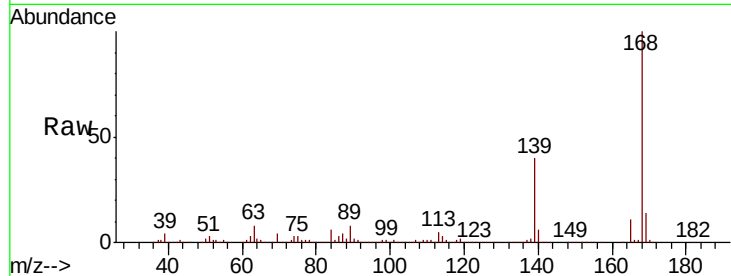




#55
Dibenzofuran
Concen: 34.461 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

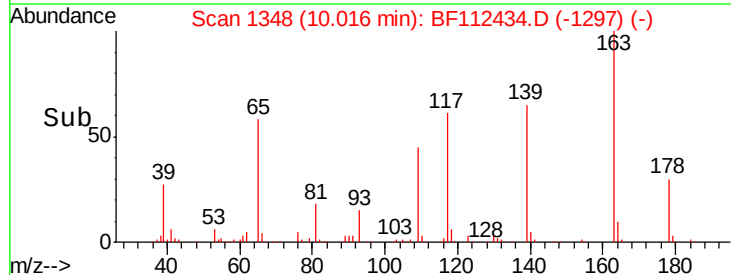
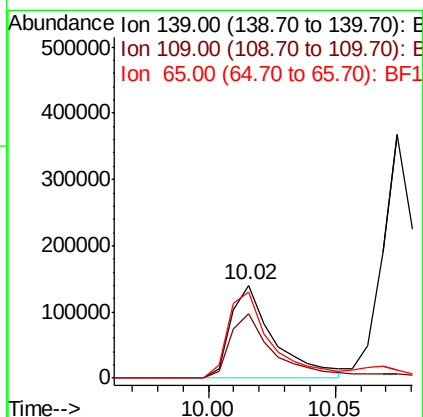
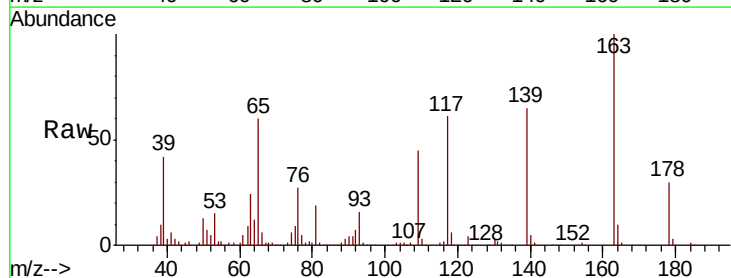
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

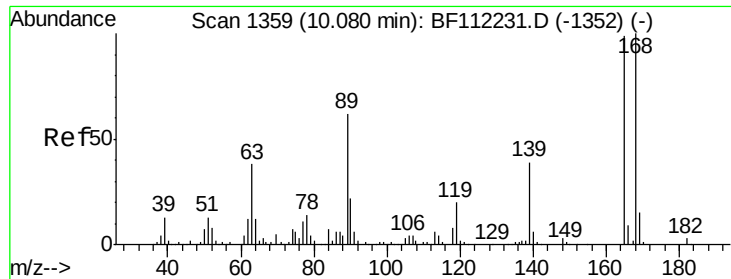
Tot Ion:168 Resp: 776508
Ion Ratio Lower Upper
168 100
139 39.8 29.2 43.8
169 13.5 11.4 17.0



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

Tot Ion:165 Resp: 193589

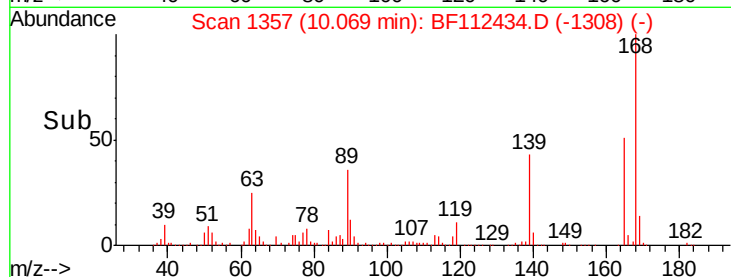
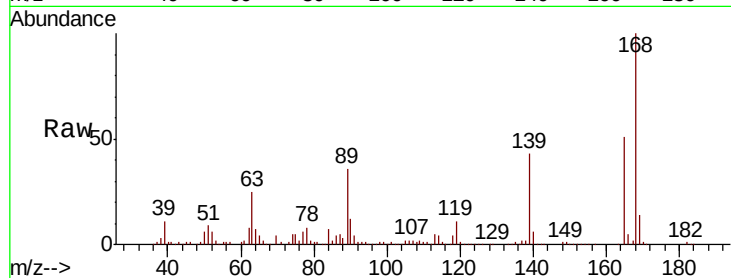
Ion Ratio Lower Upper

165 100

63 49.3 27.9 41.9#

89 69.2 47.9 71.9

182 2.7 2.2 3.4

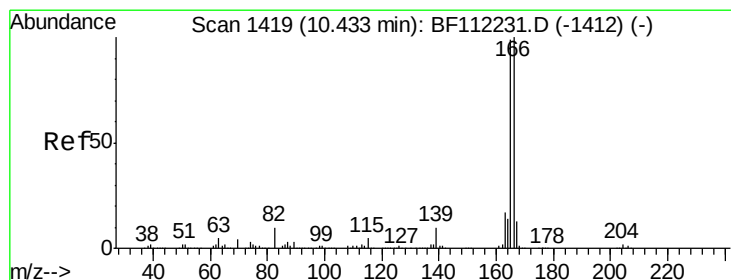
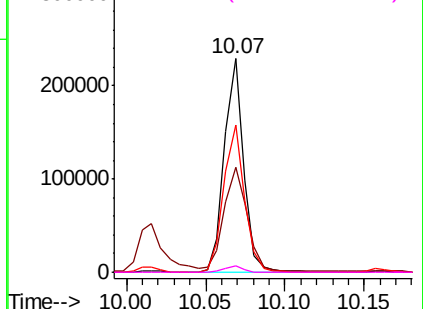


Abundance Ion 165.00 (164.70 to 165.70): E

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

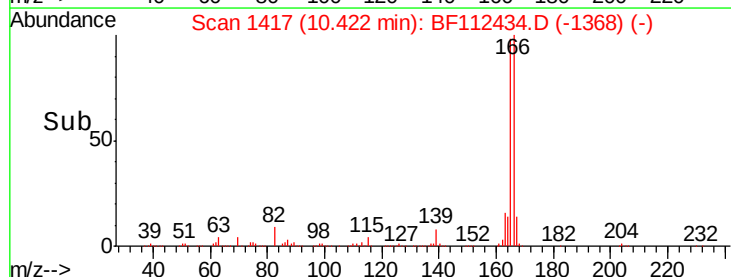
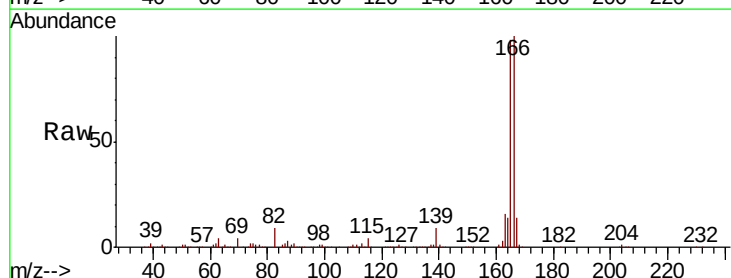
Tgt Ion:166 Resp: 627784

Ion Ratio Lower Upper

166 100

165 98.2 77.1 115.7

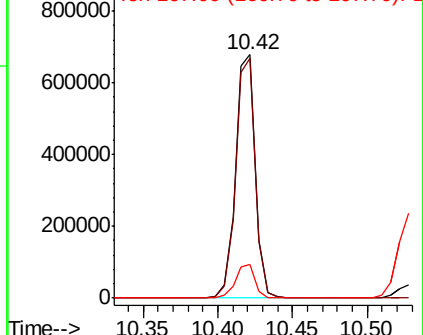
167 13.6 11.3 16.9

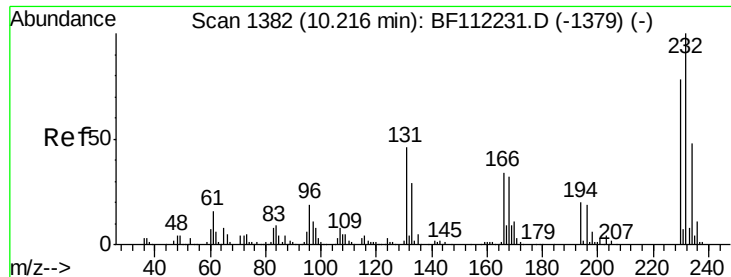


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

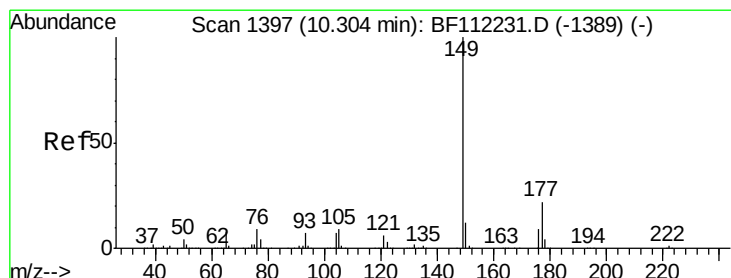
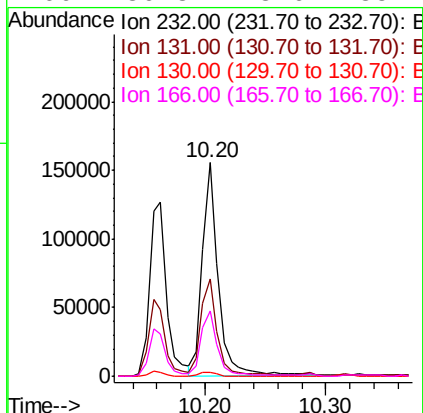
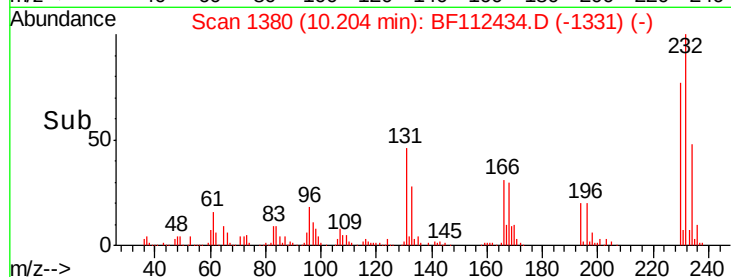
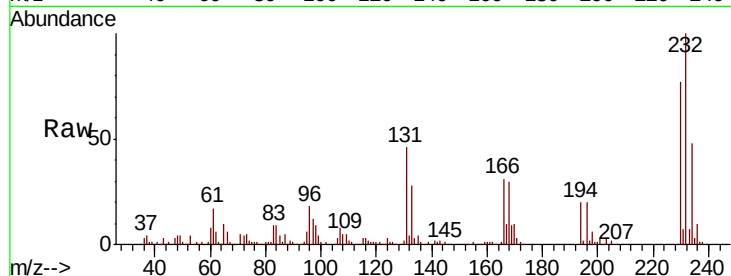




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.982 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

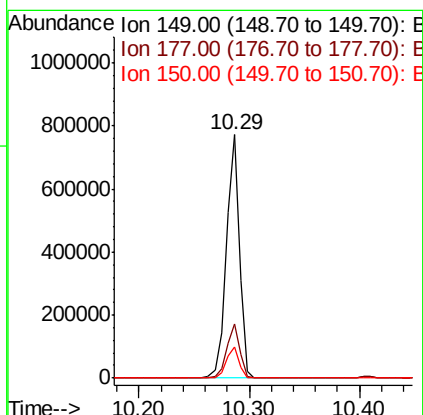
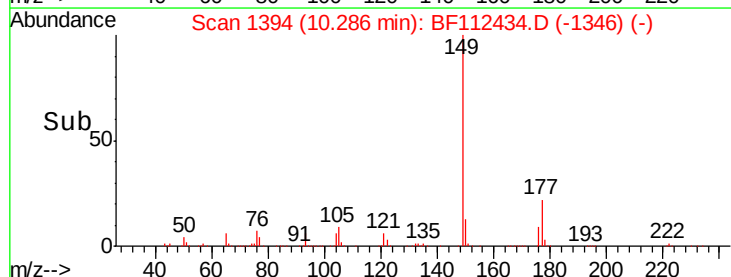
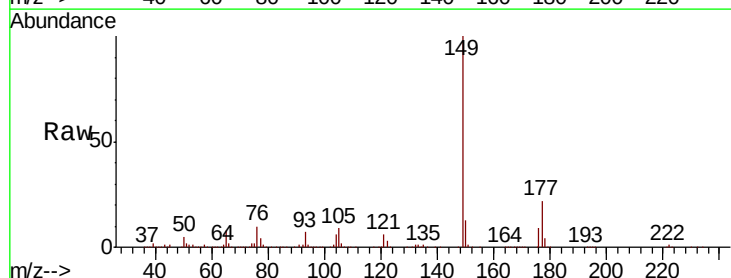
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

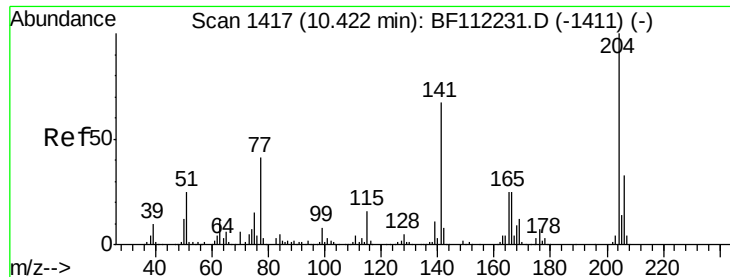
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	33.9	50.9
130	2.3	1.8	2.6
166	30.8	23.6	35.4



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.5	10.4	15.6

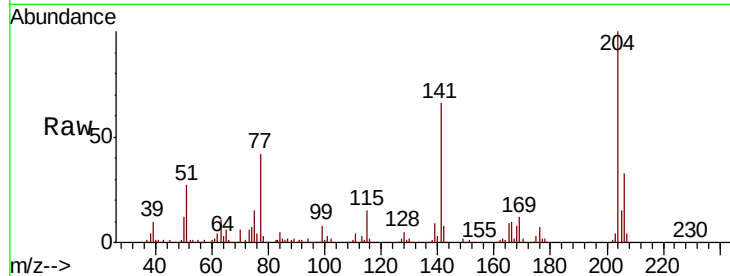




#61
4-Chlorophenyl-phenylether
Concen: 32.155 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	66.0	45.9	68.9

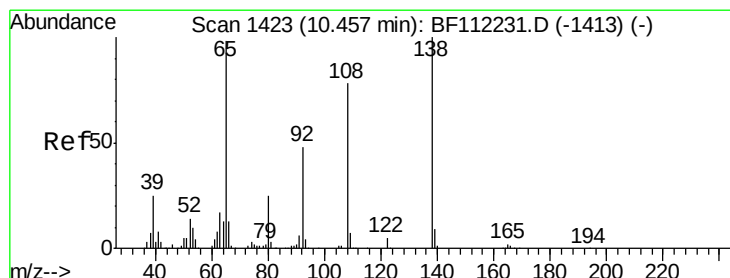
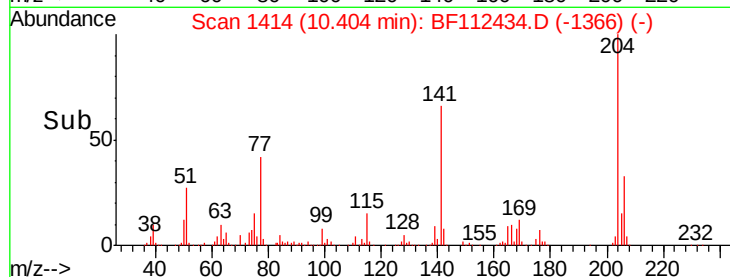
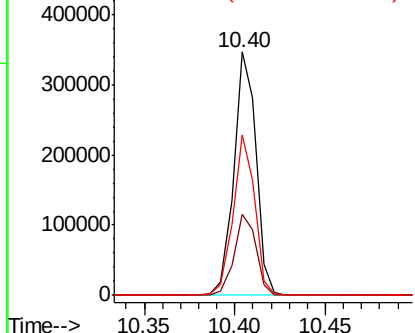


Abundance

Ion 204.00 (203.70 to 204.70): E

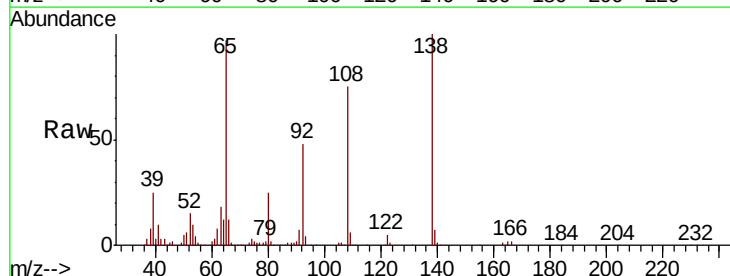
Ion 206.00 (205.70 to 206.70): E

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

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.6	70.6
108	75.4	50.0	90.0

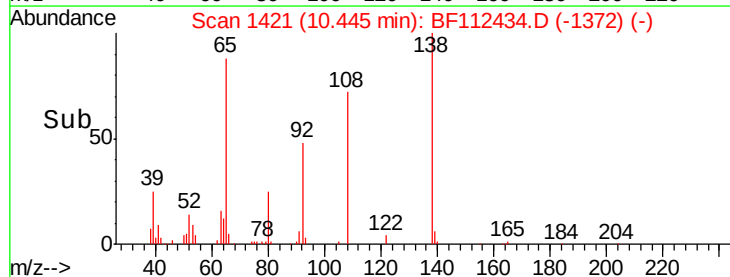
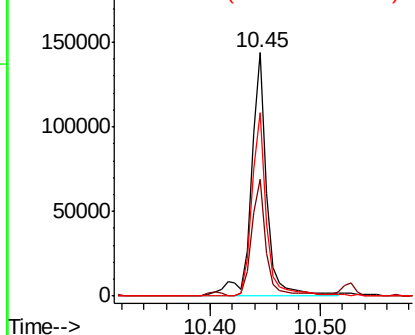


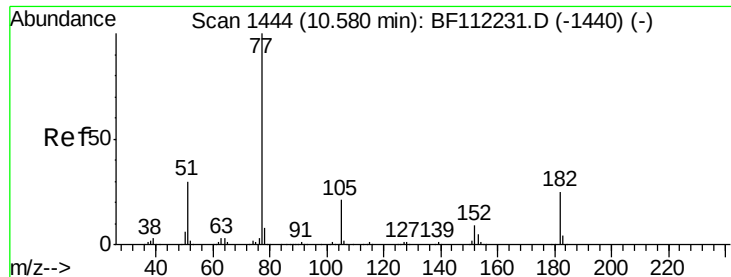
Abundance

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

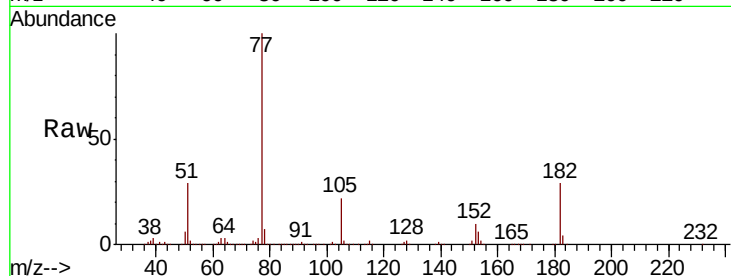




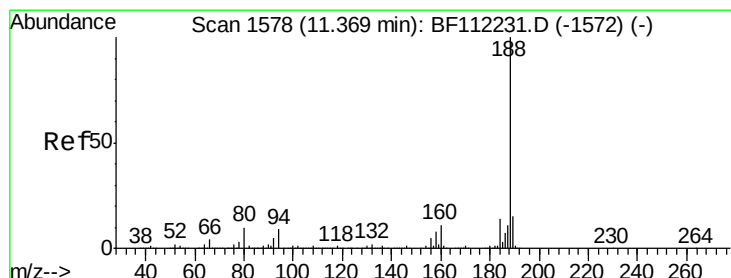
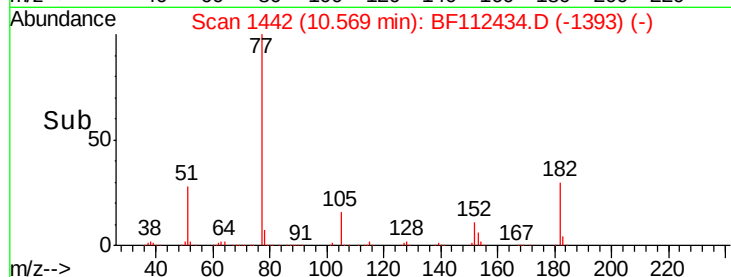
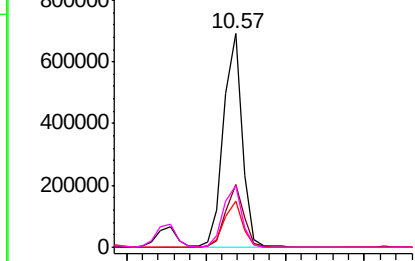
#63
Azobenzene
Concen: 33.246 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot 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

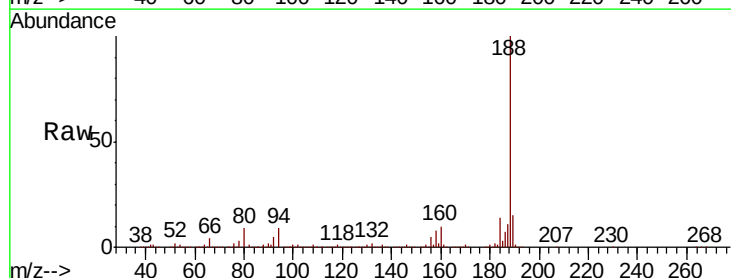


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

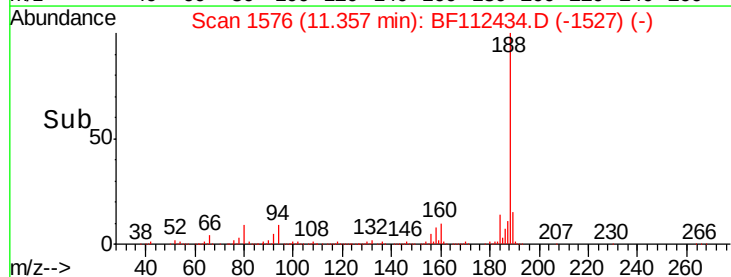
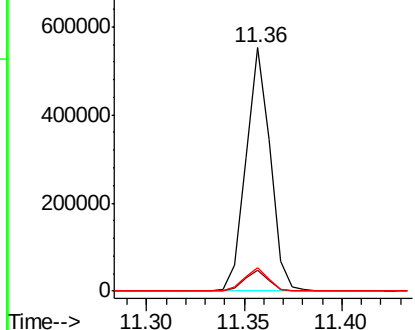


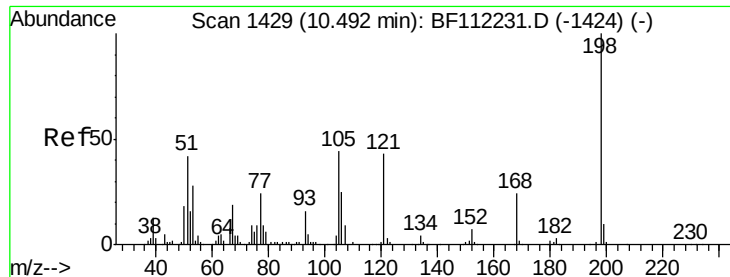
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt 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

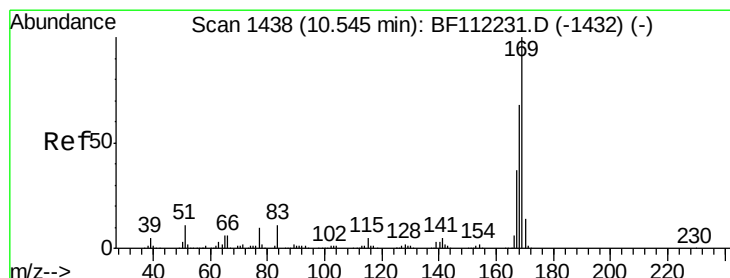
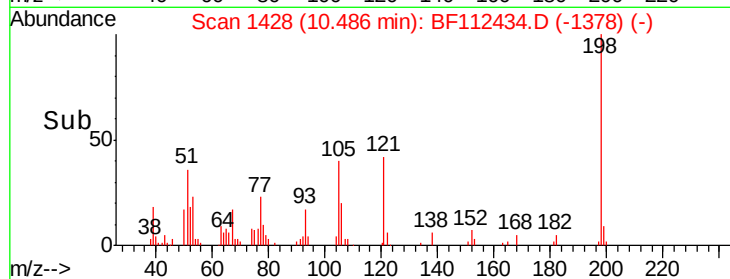
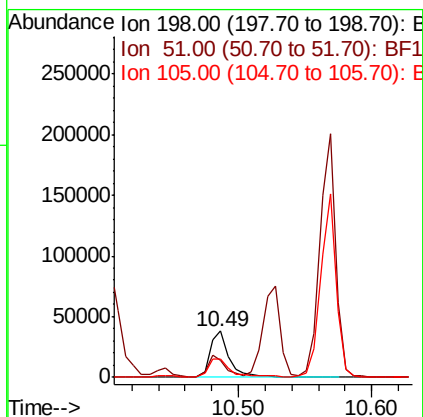
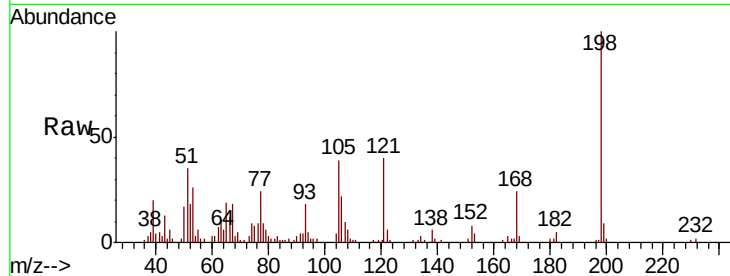




#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.483 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

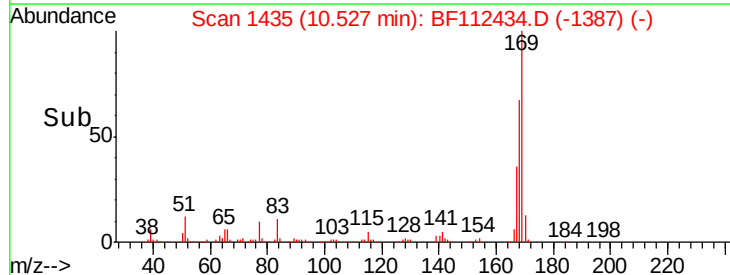
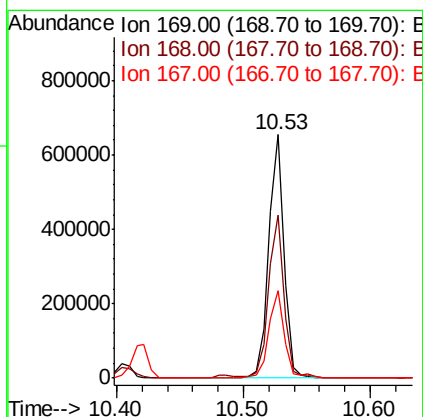
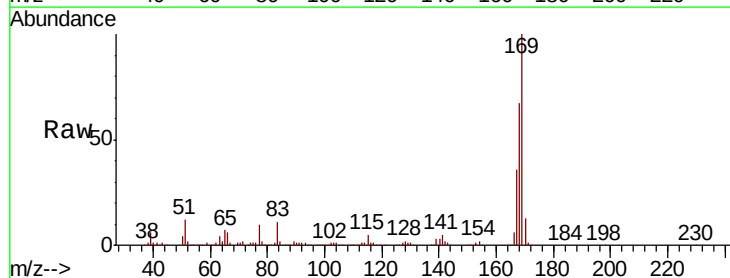
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

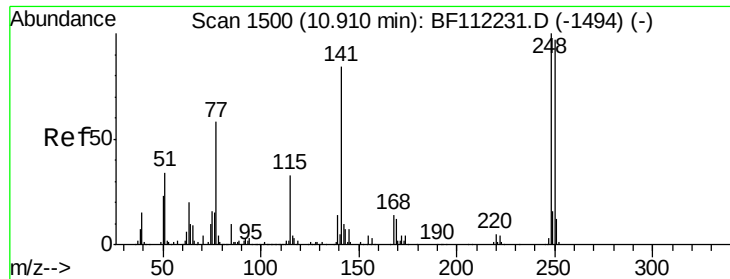
Tot Ion:198 Resp: 38774
 Ion Ratio Lower Upper
 198 100
 51 35.4 17.2 57.2
 105 39.3 21.9 61.9



#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

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

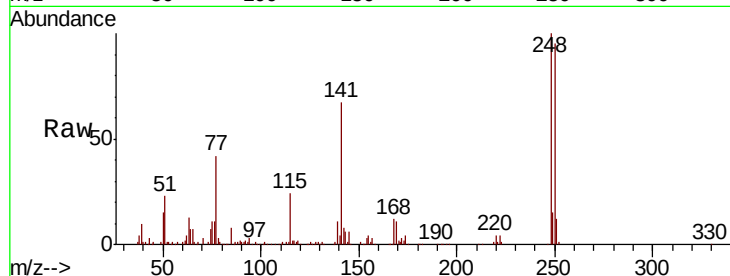




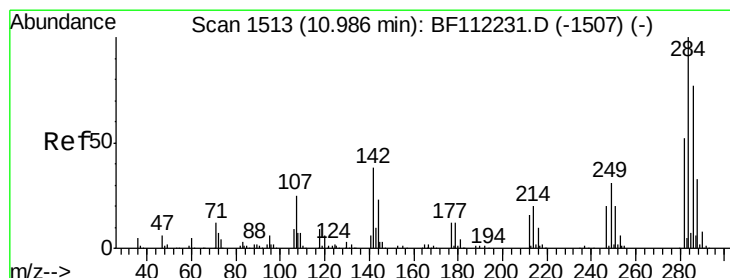
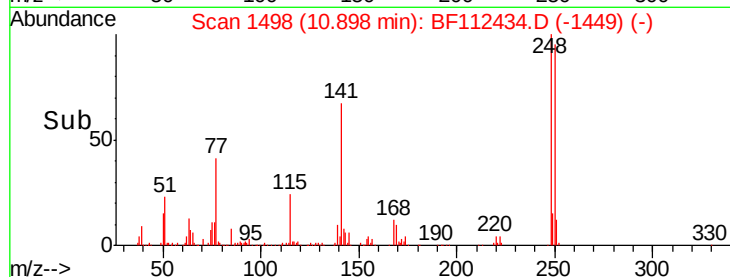
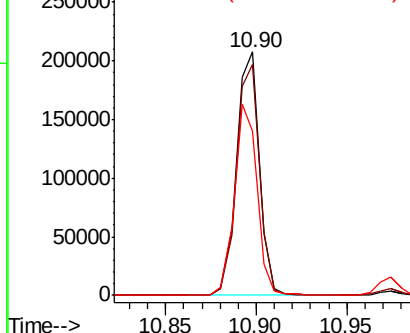
#67
4-Bromophenyl-phenylether
Concen: 32.633 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:248 Resp: 183275
Ion Ratio Lower Upper
248 100
250 94.7 79.7 119.5
141 67.3 60.3 90.5

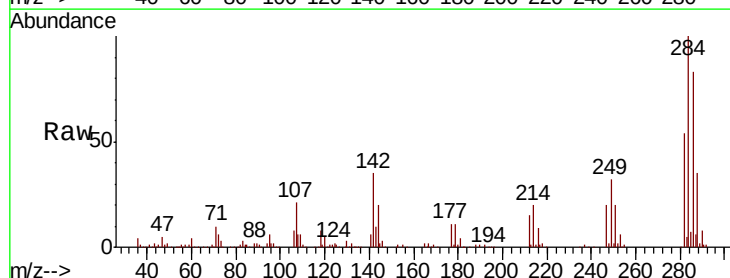


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

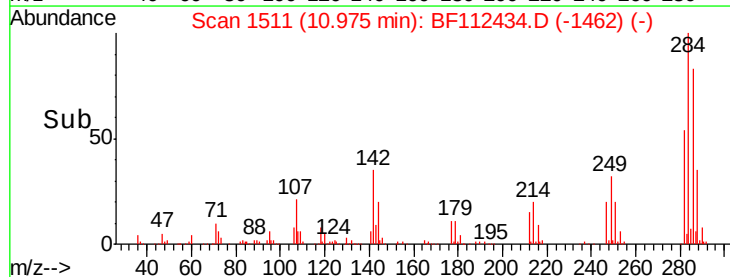
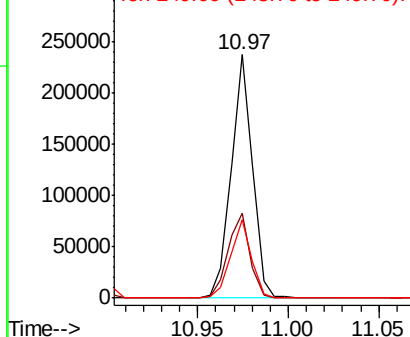


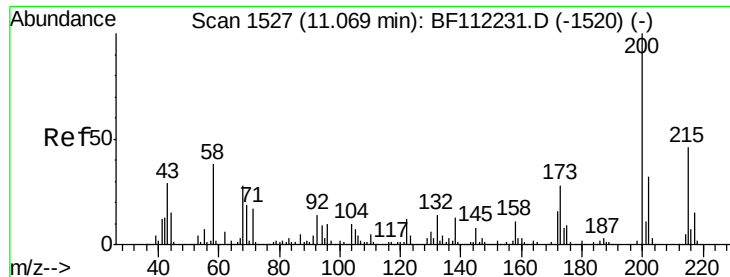
#68
Hexachlorobenzene
Concen: 32.137 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt 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

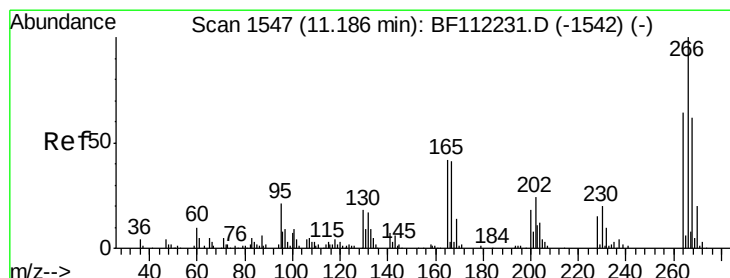
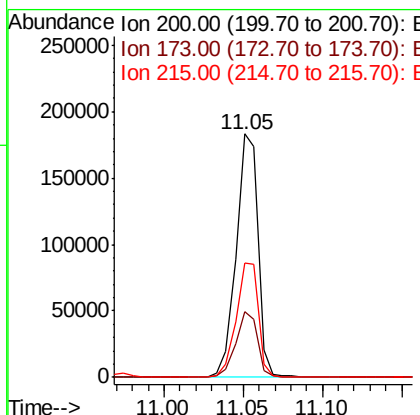
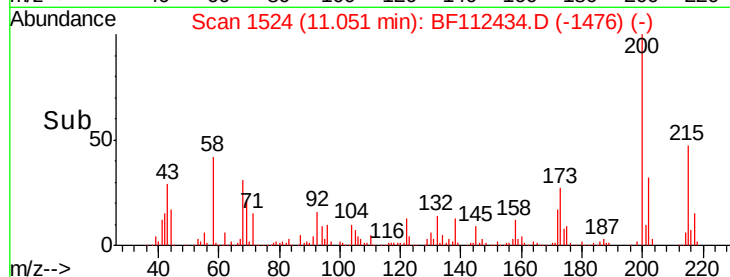
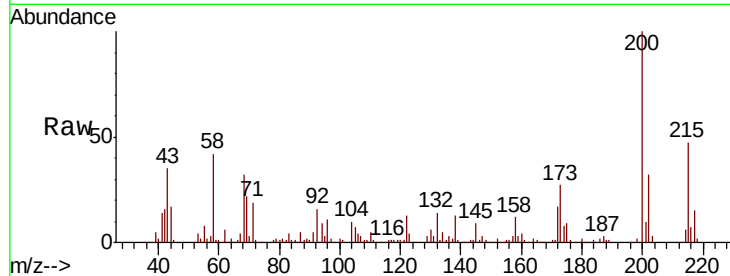




#69
Atrazine
Concen: 33.707 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

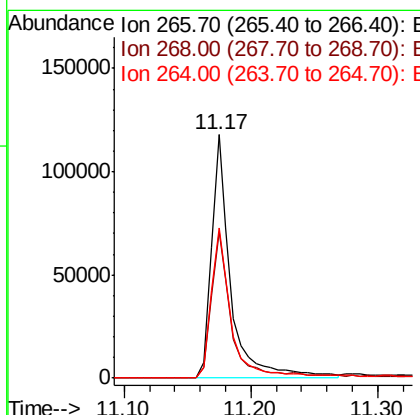
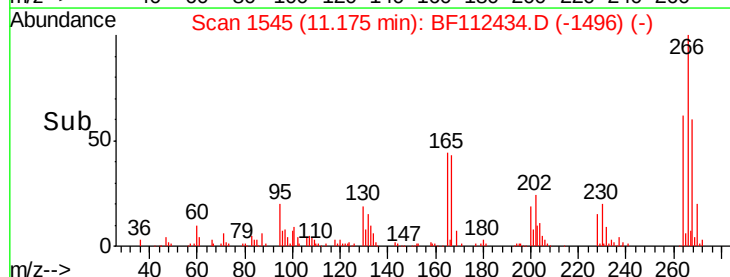
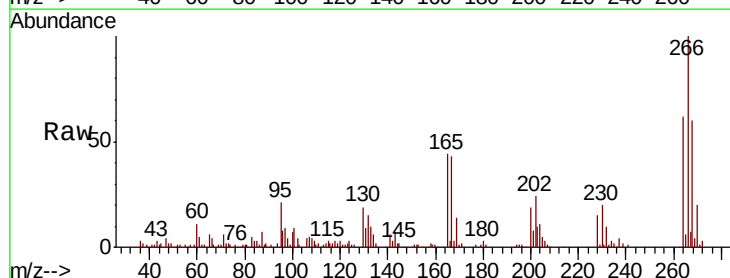
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

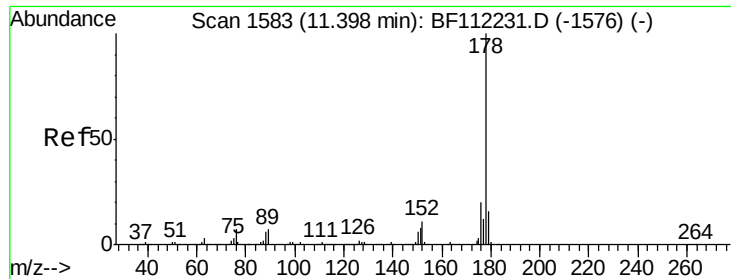
Tot Ion:200 Resp: 175040
Ion Ratio Lower Upper
200 100
173 26.9 7.1 47.1
215 46.8 30.4 70.4



#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

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

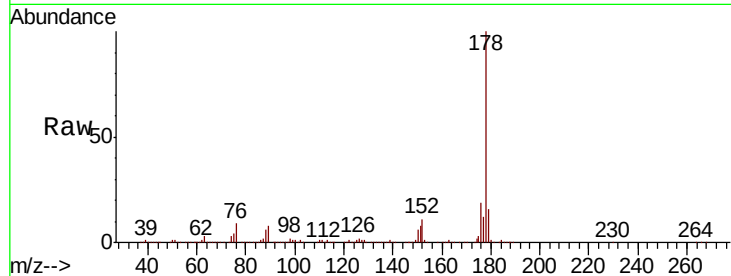




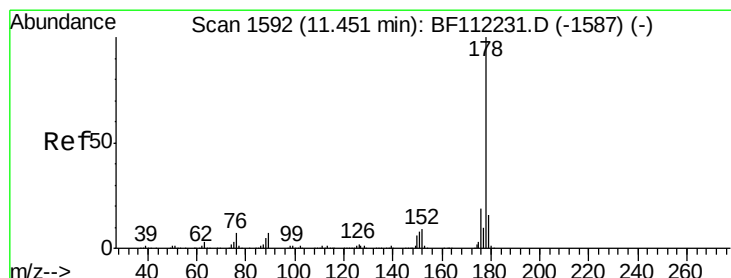
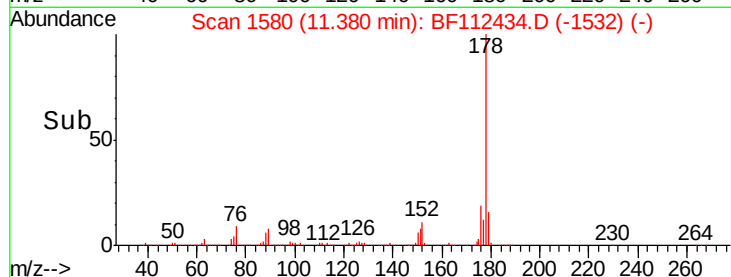
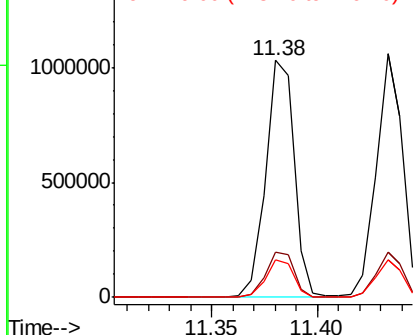
#71
Phenanthrene
Concen: 39.163 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

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

Tot Ion:178 Resp: 972242
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.8 13.0 19.4

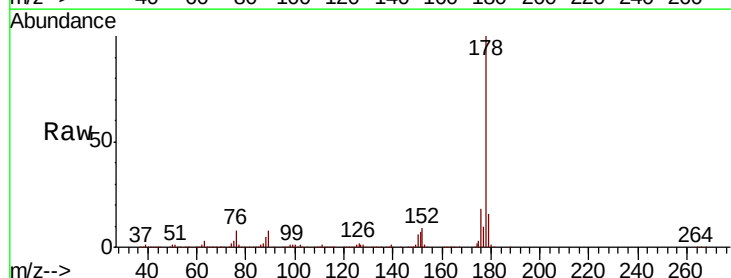


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

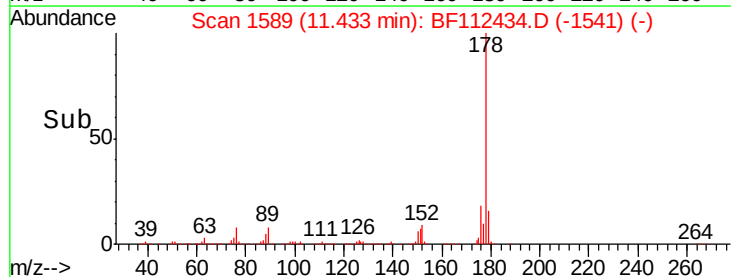
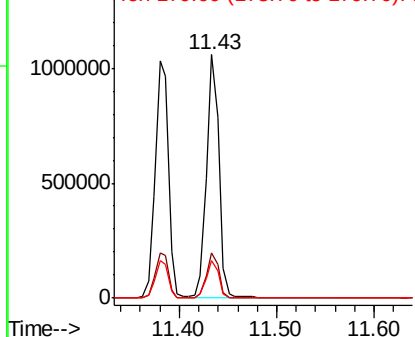


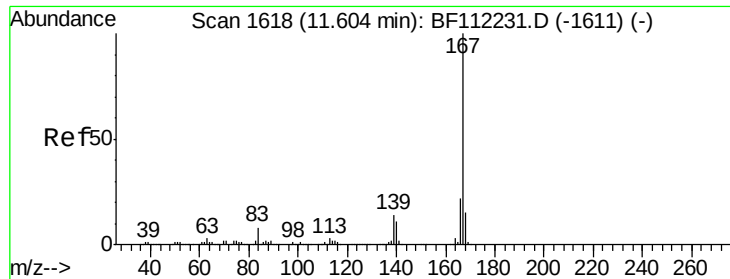
#72
Anthracene
Concen: 37.981 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

Tgt 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

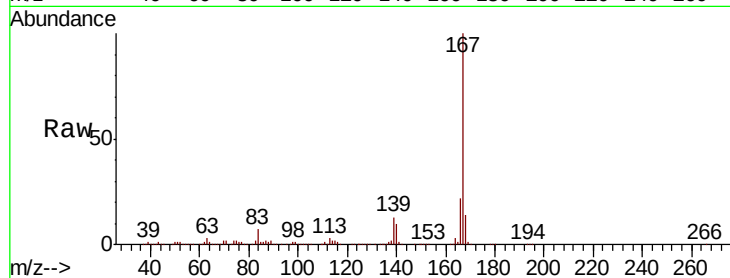




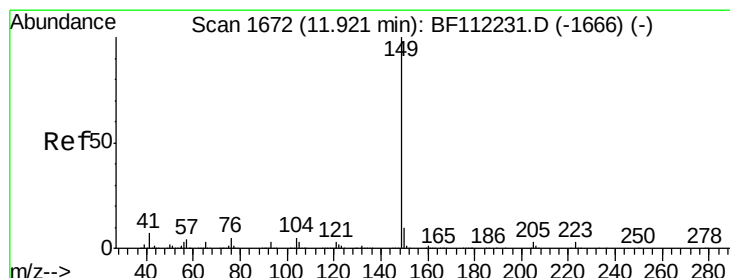
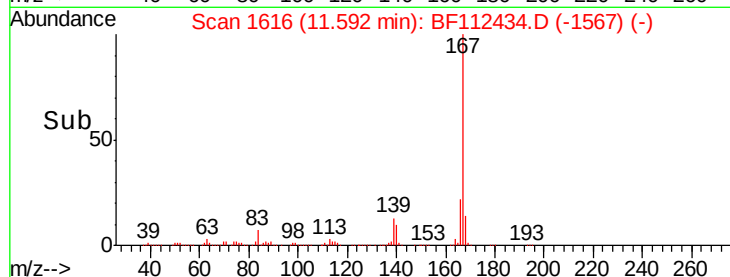
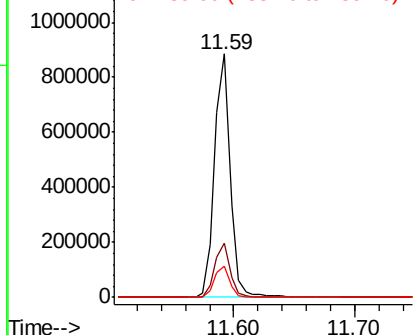
#73
 Carbazole
 Concen: 32.360 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

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

Tot Ion:167 Resp: 789369
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 13.0 10.2 15.2

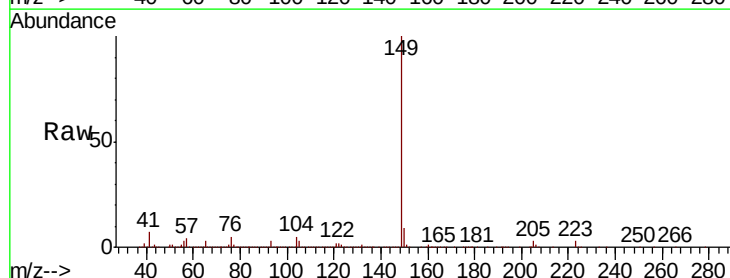


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

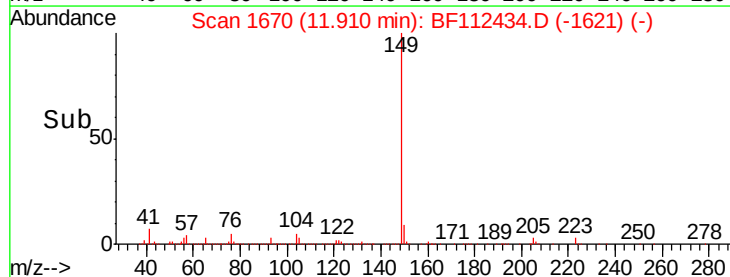
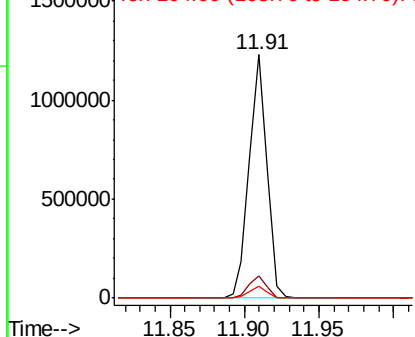


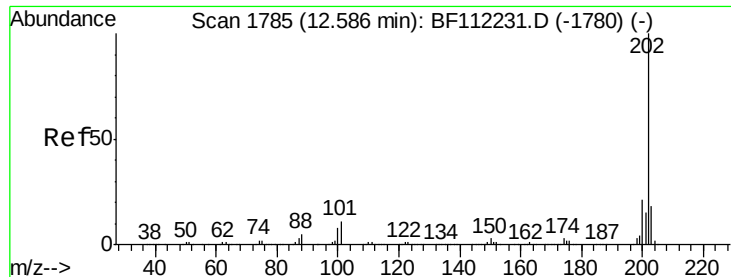
#74
 Di-n-butylphthalate
 Concen: 33.330 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

Tgt 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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

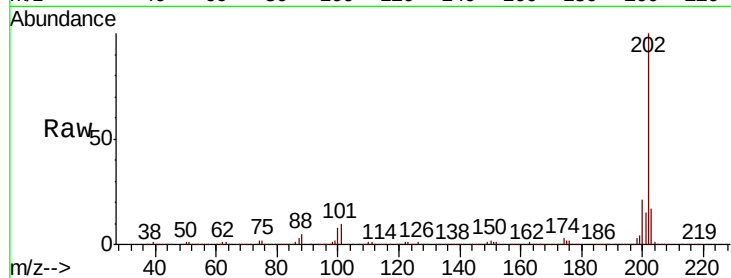
Tot Ion:202 Resp: 1015417

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.8

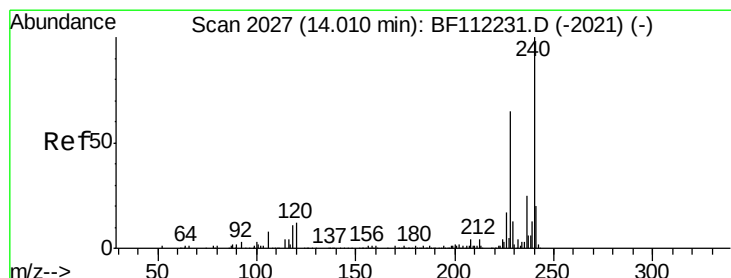
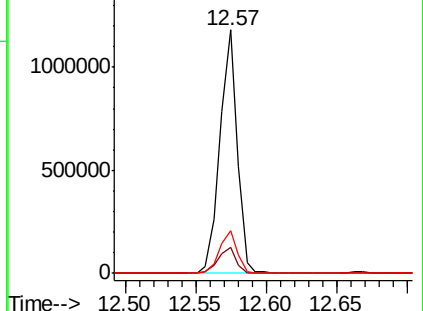
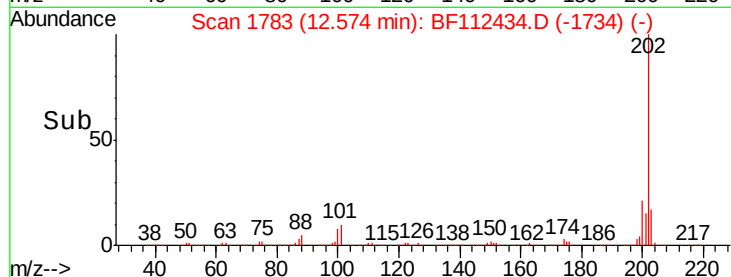
203 17.3 0.0 38.4



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

Chrysene-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

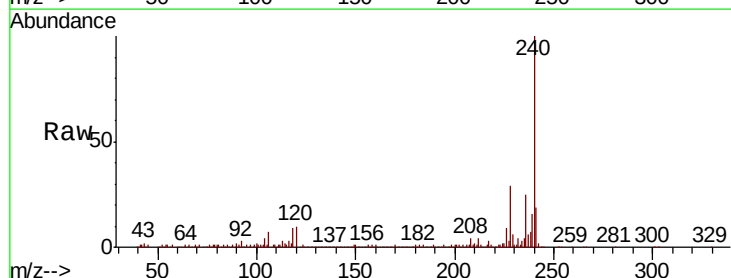
Tgt Ion:240 Resp: 306068

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.6

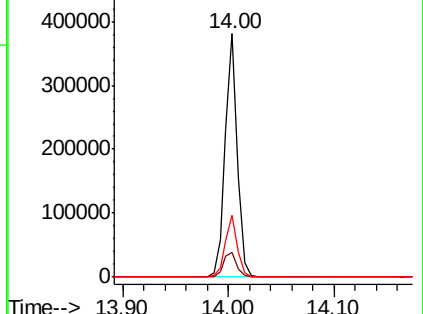
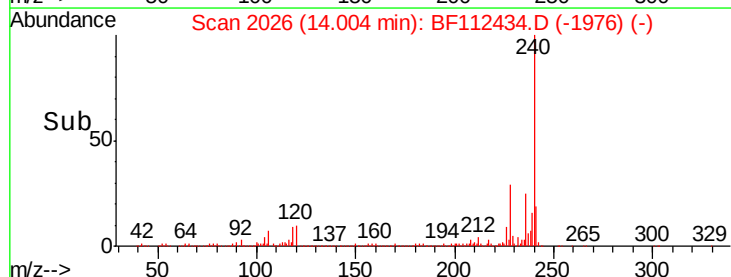
236 25.4 20.7 31.1

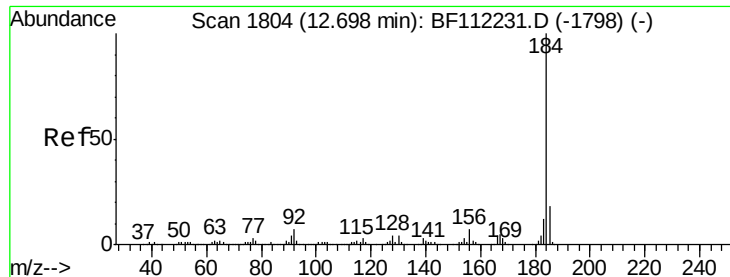


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.992 ng

RT: 12.69 min Scan# 1803

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

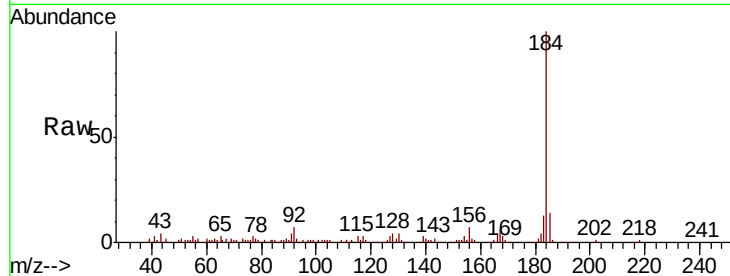
Tot Ion:184 Resp: 151566

Ion Ratio Lower Upper

184 100

185 13.9 13.9 20.9

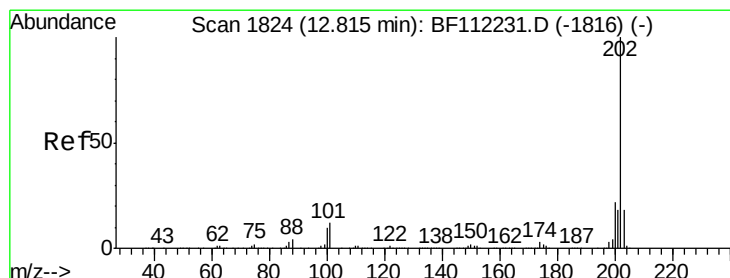
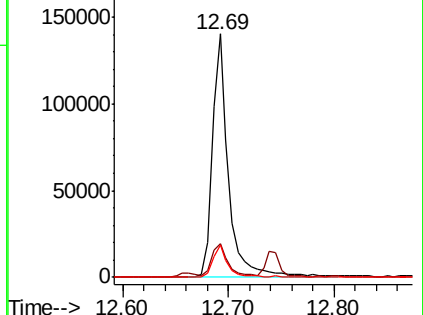
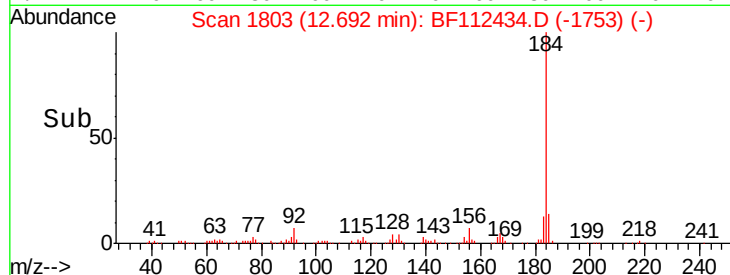
183 13.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 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

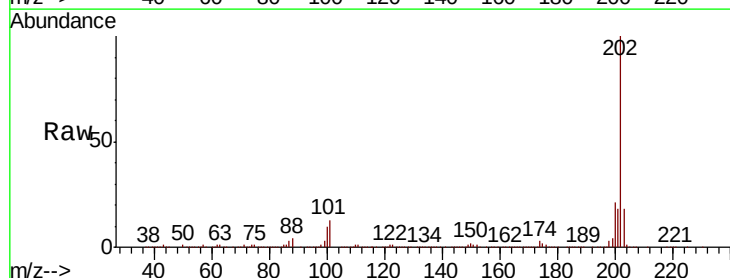
Tgt Ion:202 Resp: 974100

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

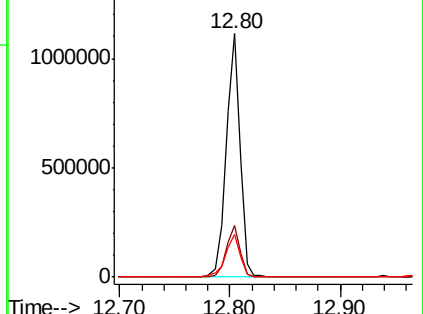
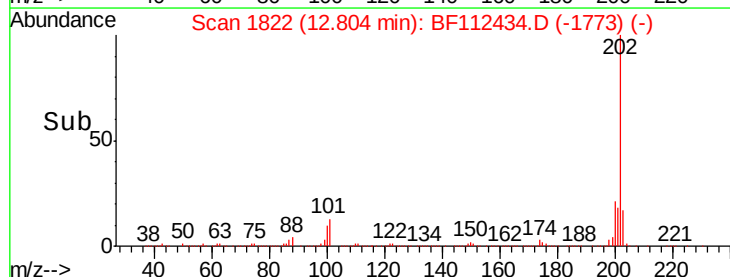
203 17.5 14.6 22.0

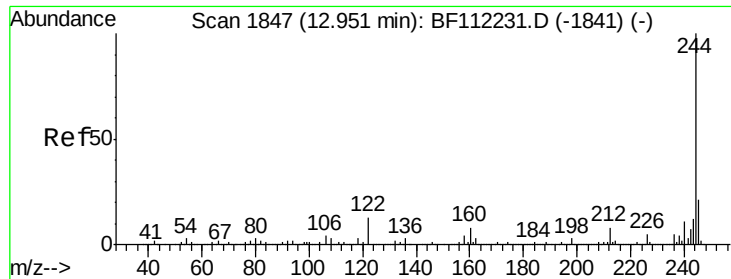


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

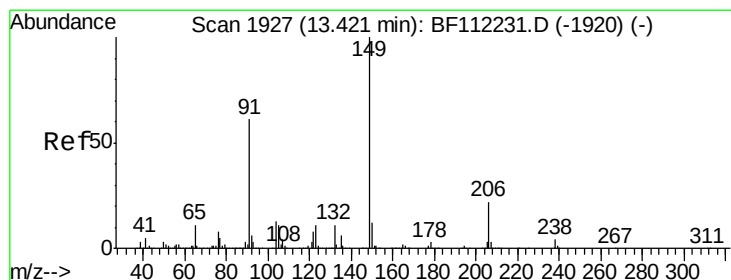
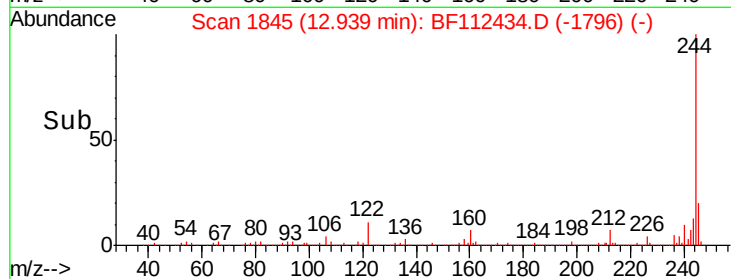
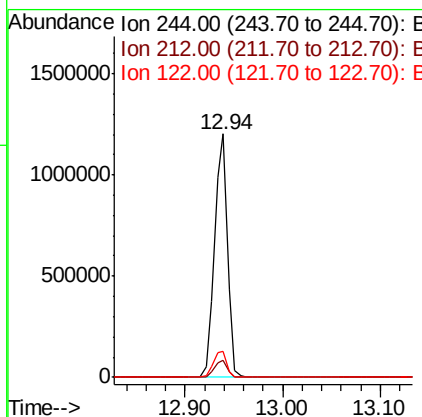
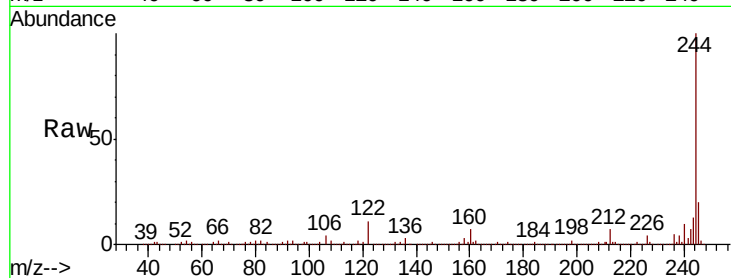




#79
 Terphenyl-d14
 Concen: 67.670 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112434.D
 Acq: 7 Feb 2019 13:03

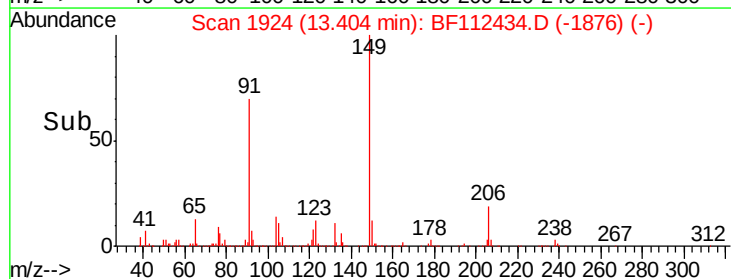
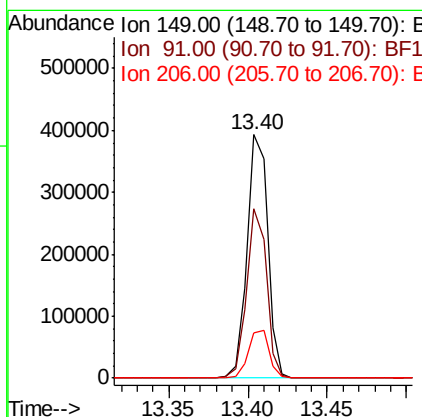
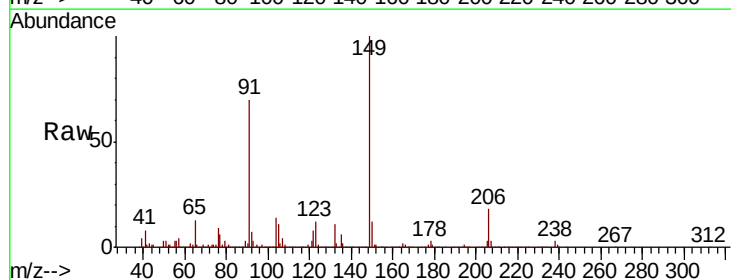
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MS

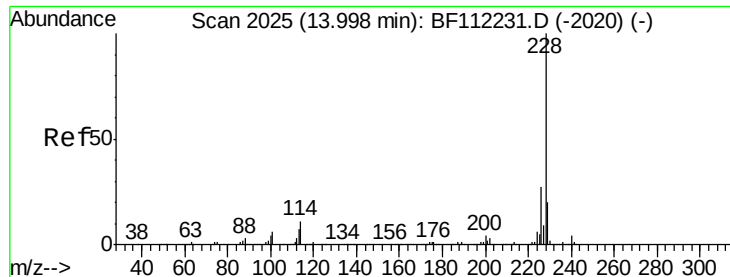
Tot Ion:244 Resp: 1099661
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.6 9.8 14.6



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

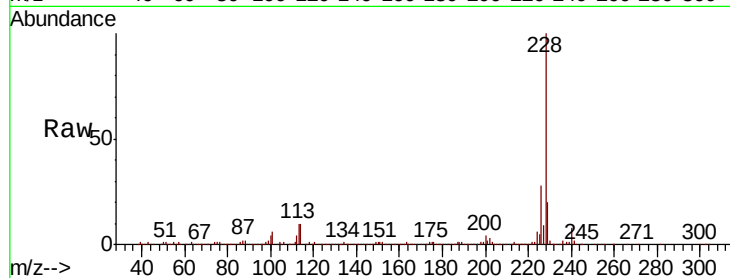
Tot Ion:228 Resp: 724599

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

229 19.7 16.5 24.7

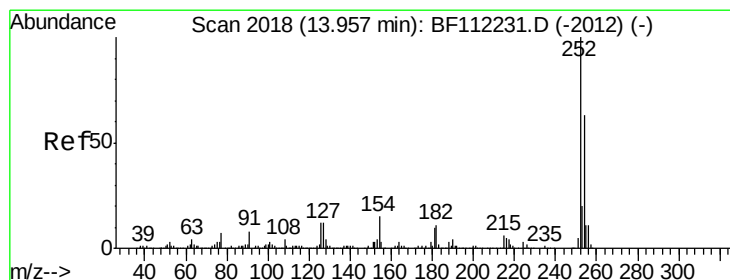
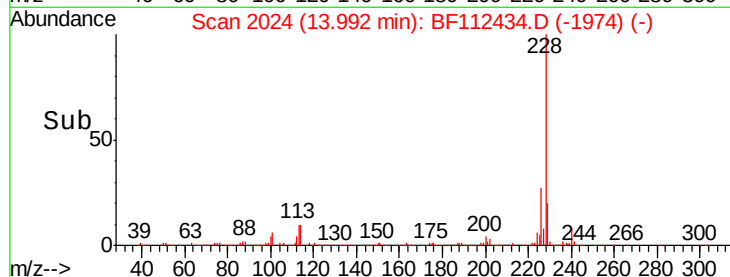
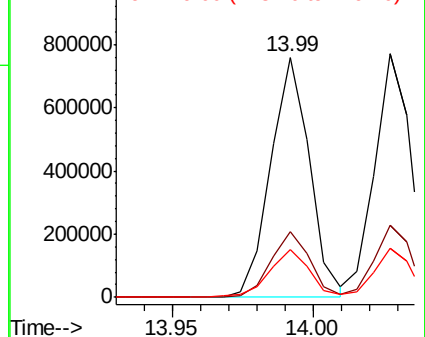


Abundance

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

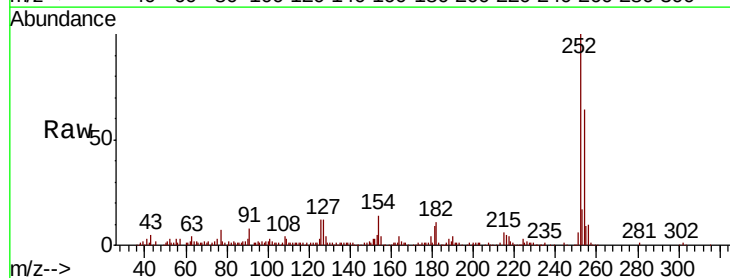
Tgt Ion:252 Resp: 132891

Ion Ratio Lower Upper

252 100

254 63.6 51.6 77.4

126 11.9 8.6 12.8

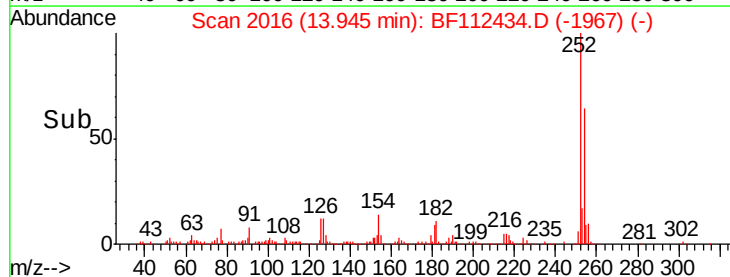
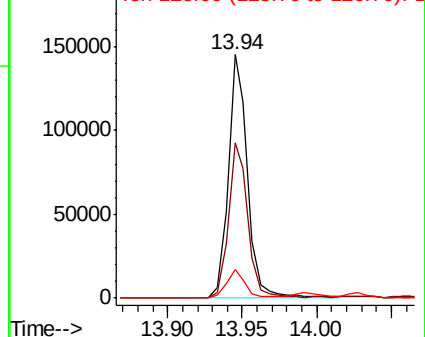


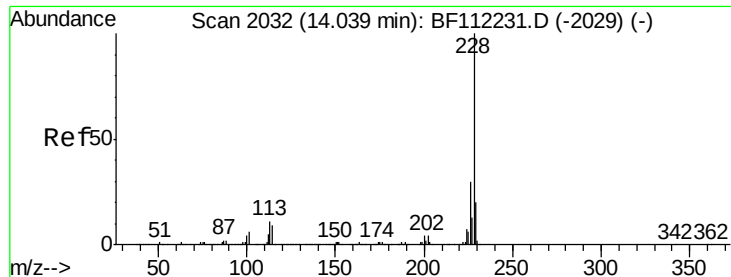
Abundance

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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

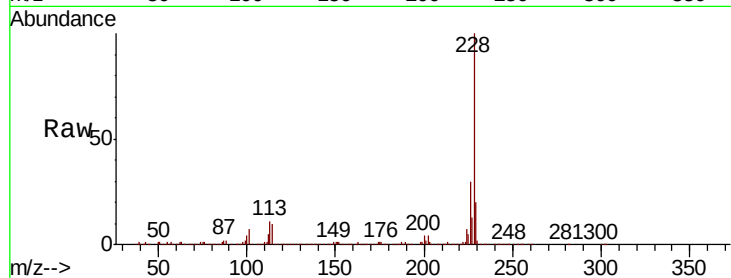
Tot Ion:228 Resp: 680974

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 20.1 16.6 24.8

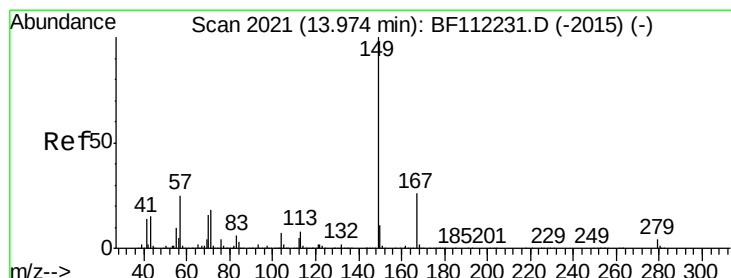
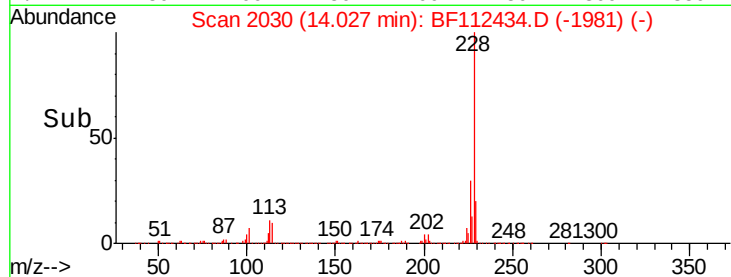
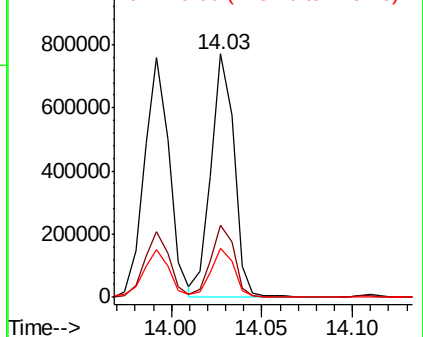


Abundance

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

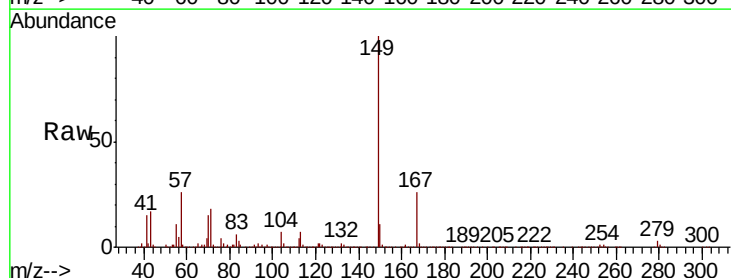
Tgt Ion:149 Resp: 484991

Ion Ratio Lower Upper

149 100

167 26.0 22.5 33.7

279 3.4 3.8 5.6#

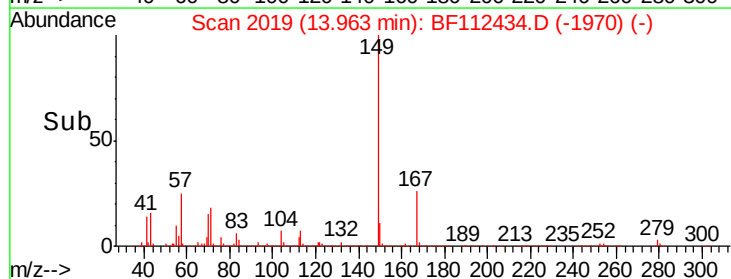
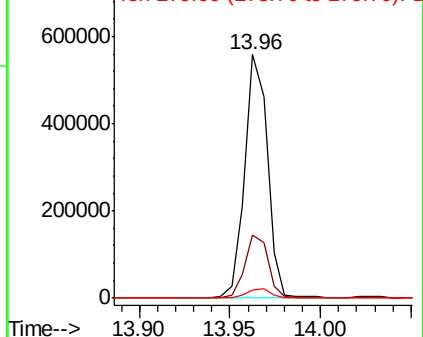


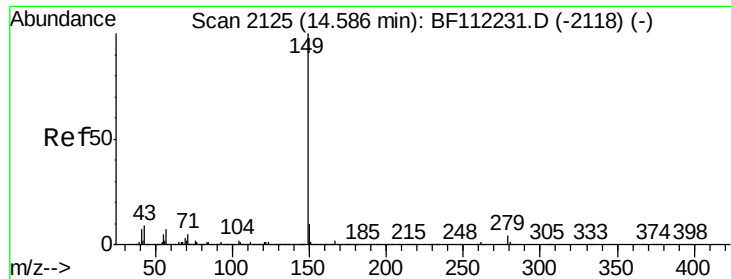
Abundance

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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

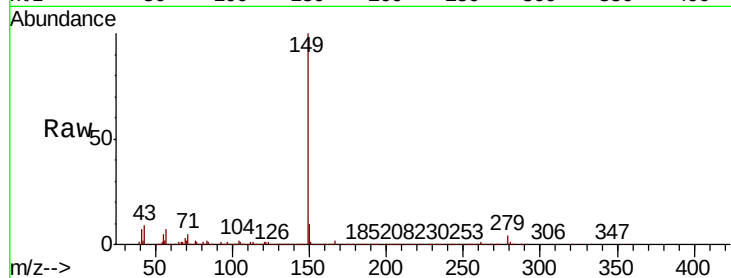
Tot Ion:149 Resp: 755321

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

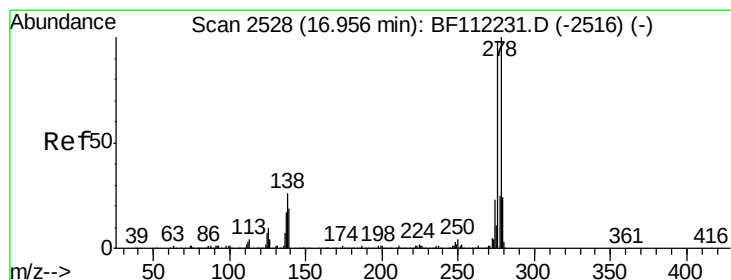
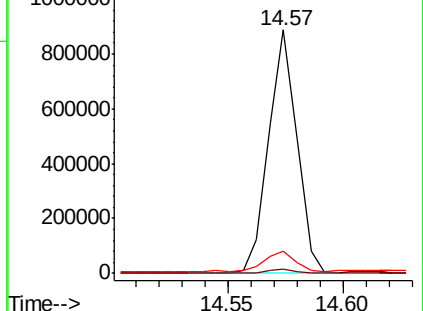
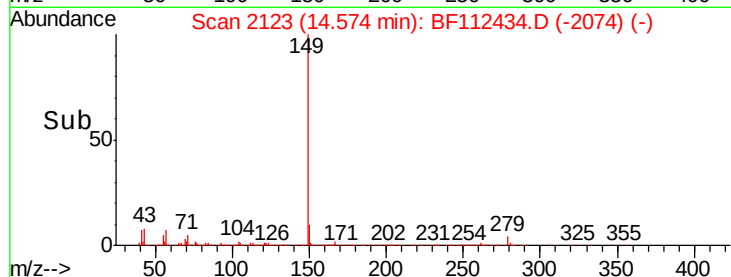
43 8.7 7.8 11.6



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

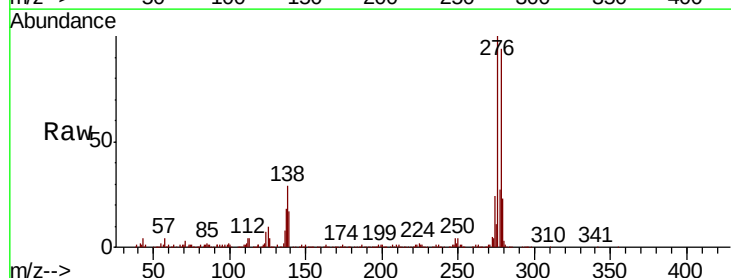
Tgt Ion:276 Resp: 639378

Ion Ratio Lower Upper

276 100

138 26.0 22.6 34.0

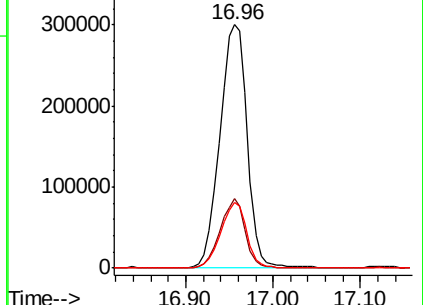
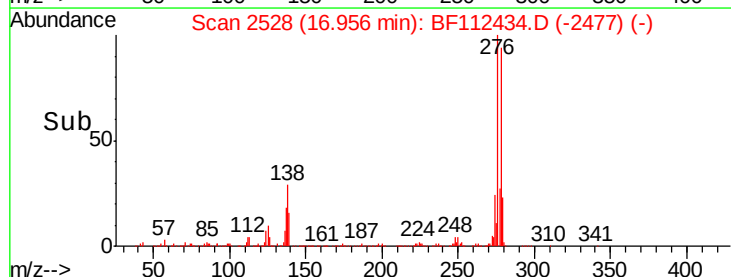
277 25.6 20.3 30.5

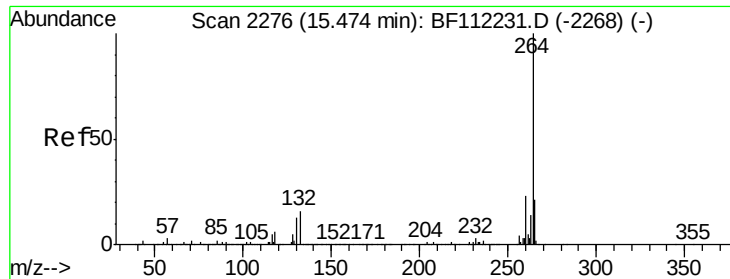


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

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

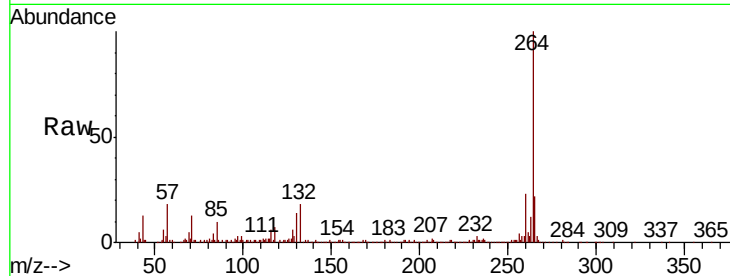
Tot Ion:264 Resp: 304595

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

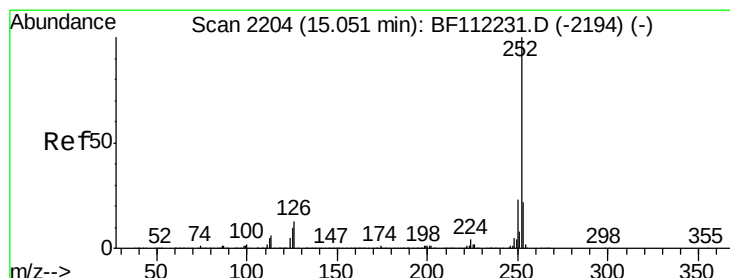
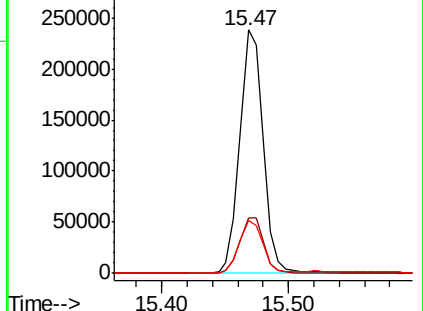
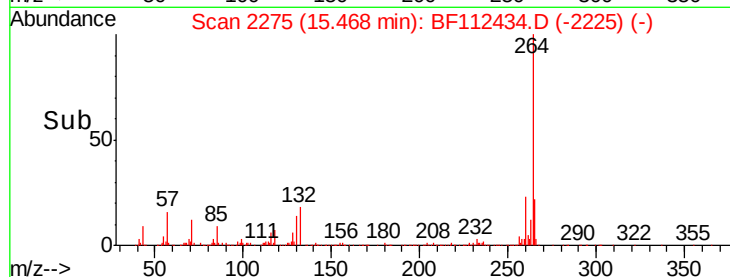
265 22.0 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 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

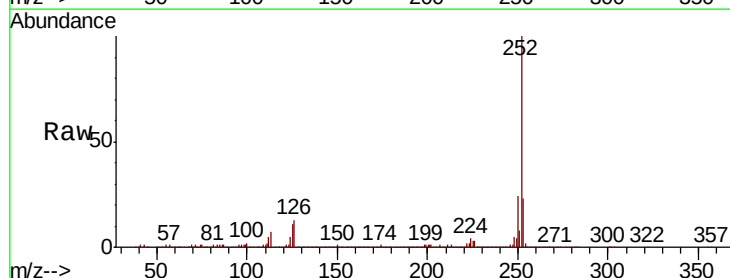
Tgt Ion:252 Resp: 705353

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

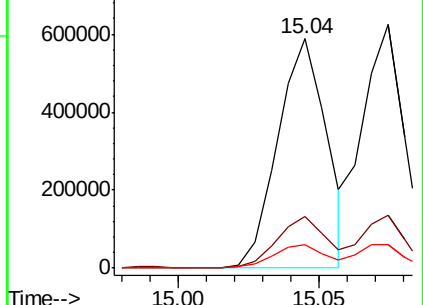
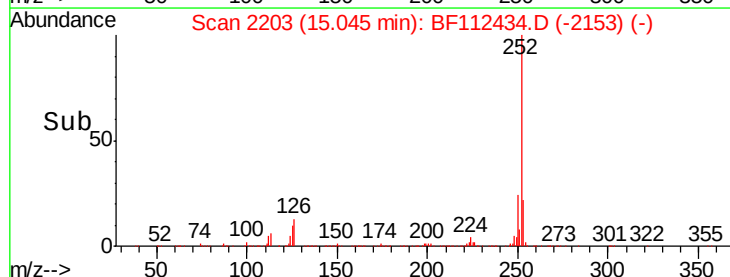
125 10.5 8.7 13.1

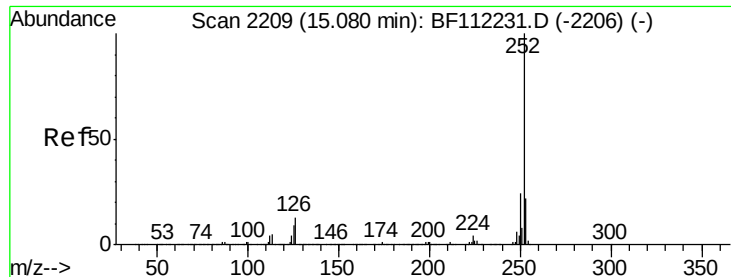


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

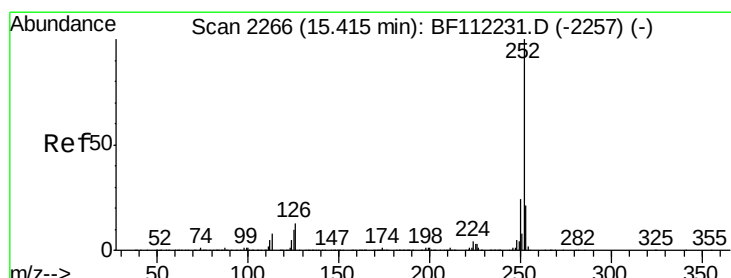
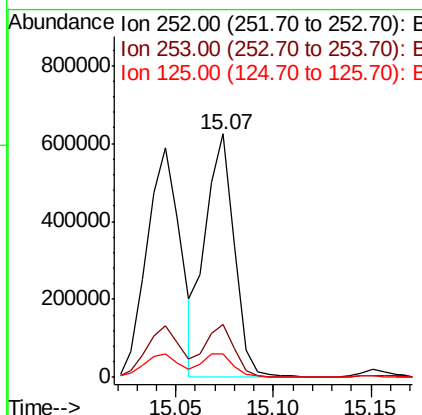
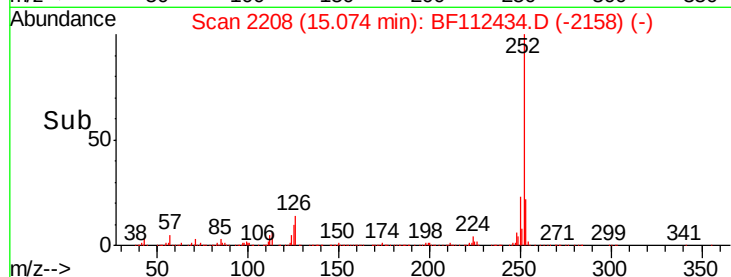
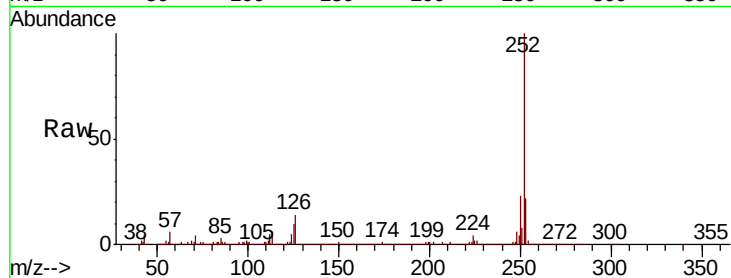




#89
Benzo(k)fluoranthene
Concen: 36.906 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112434.D
Acq: 7 Feb 2019 13:03

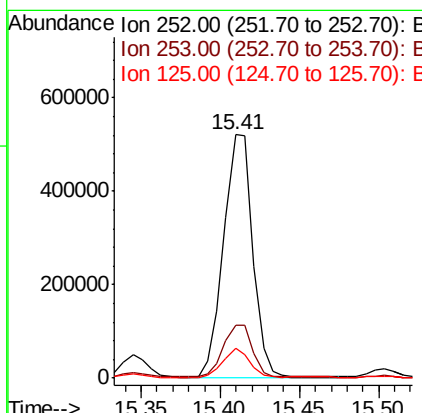
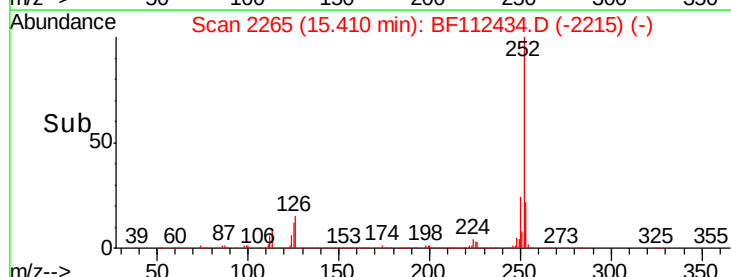
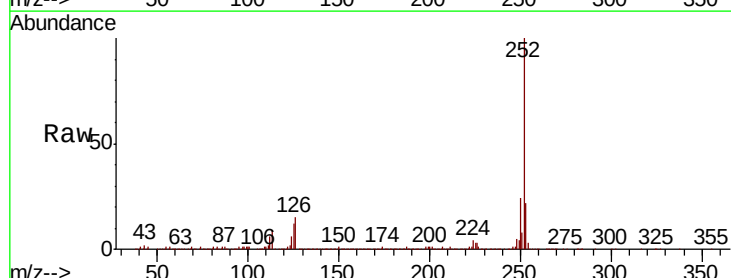
Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MS

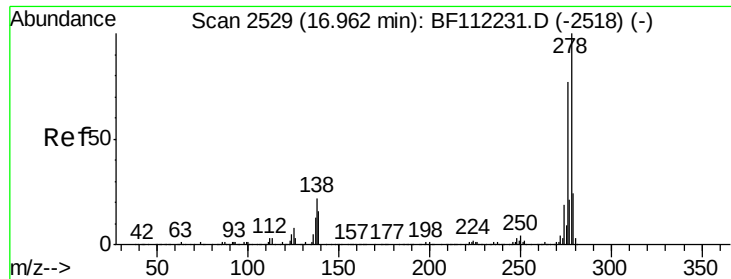
Tot Ion:252 Resp: 643947
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.7 9.1 13.7



#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

Tgt Ion:252 Resp: 669604
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 12.3 9.0 13.4





#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

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MS

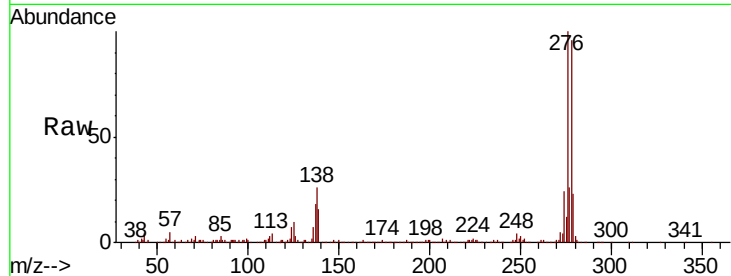
Tot Ion:278 Resp: 506641

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

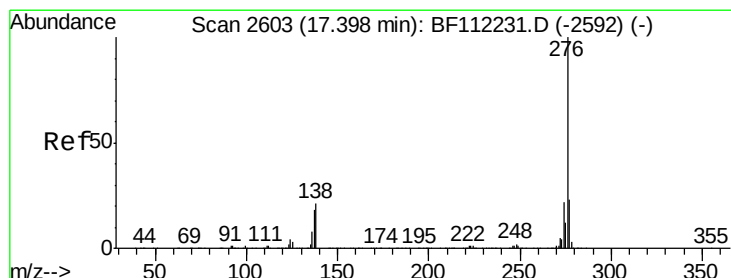
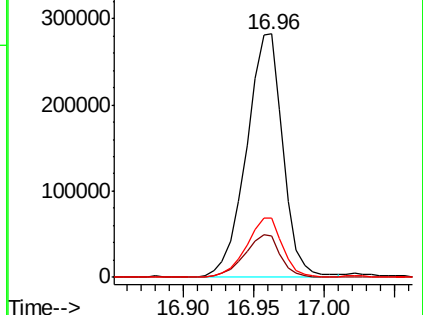
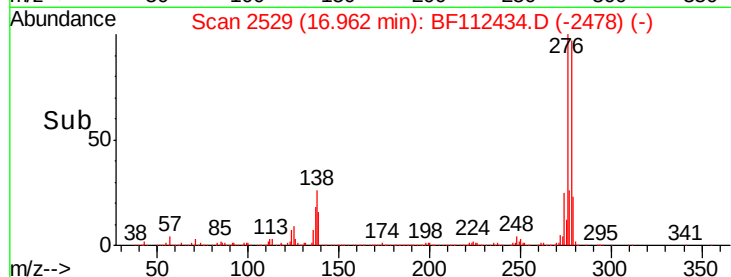
279 24.3 19.0 28.6



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(g,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

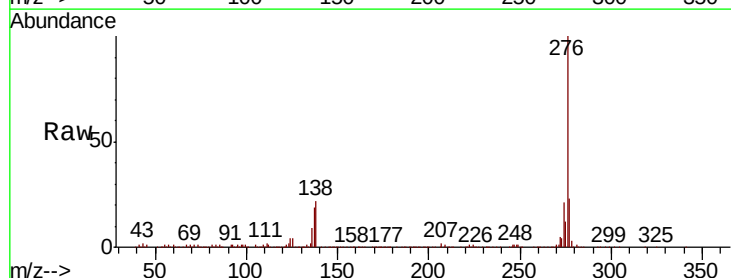
Tgt Ion:276 Resp: 523961

Ion Ratio Lower Upper

276 100

277 22.9 19.4 29.0

138 22.0 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

