

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110970.D
 Acq On : 26 Nov 2018 18:15
 Operator : JU/SJ
 Sample : J6030-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Quant Time: Nov 27 02:56:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61595	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	248950	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	123921	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	195092	20.00	ng	0.00
76) Chrysene-d12	14.13	240	127018	20.00	ng	0.00
87) Perylene-d12	15.67	264	128837	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	302542	81.45	ng	0.02
7) Phenol-d6	6.59	99	262339	54.20	ng	0.02
23) Nitrobenzene-d5	7.51	82	341814	78.58	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	126042	102.41	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	626884	73.29	ng	0.00
79) Terphenyl-d14	13.06	244	489197	74.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	27944	15.703	ng	89
4) n-Nitrosodimethylamine	3.55	42	32698	18.338	ng	# 74
6) Aniline	6.62	93	22842	3.817	ng	# 43
8) 2-Chlorophenol	6.75	128	176417	40.077	ng	97
9) Benzaldehyde	6.50	77	68572	23.584	ng	97
10) Phenol	6.61	94	163860	30.060	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	172754	42.065	ng	96
12) 1,3-Dichlorobenzene	6.88	146	183082	37.859	ng	97
13) 1,4-Dichlorobenzene	6.96	146	186281	37.459	ng	98
14) 1,2-Dichlorobenzene	7.11	146	161792	34.568	ng	94
15) Benzyl Alcohol	7.10	79	141246	37.971	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	249120	38.117	ng	# 55
17) 2-Methylphenol	7.20	107	148727	42.494	ng	92
18) Hexachloroethane	7.44	117	70641	38.617	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	130890	41.513	ng	93
20) 3+4-Methylphenols	7.36	107	258259	55.510	ng	# 79
22) Acetophenone	7.36	105	479848	82.231	ng	# 94
24) Nitrobenzene	7.53	77	187631	41.478	ng	96
25) Isophorone	7.77	82	356692	49.989	ng	98
26) 2-Nitrophenol	7.85	139	99236	45.154	ng	96
27) 2,4-Dimethylphenol	7.88	122	189261	57.025	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	237494	49.682	ng	# 90
29) 2,4-Dichlorophenol	8.10	162	147811	42.560	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	159577	41.000	ng	96
31) Naphthalene	8.26	128	3629853	311.051	ng	97
32) Benzoic acid	8.02	122	90030	36.486	ng	# 57
33) 4-Chloroaniline	8.33	127	20110	4.049	ng	# 1
34) Hexachlorobutadiene	8.35	225	87721	39.570	ng	98
35) Caprolactam	8.70	113	2937	2.477	ng	# 25
36) 4-Chloro-3-methylphenol	8.78	107	165232	42.819	ng	96
37) 2-Methylnaphthalene	8.93	142	456670	59.247	ng	99
38) 1-Methylnaphthalene	9.04	142	422900	56.406	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	153765	39.445	ng	98
41) Hexachlorocyclopentadiene	9.07	237	1073	13.447	ng	81

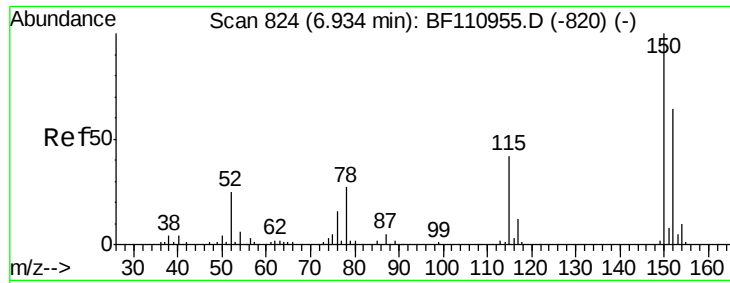
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
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 QLast Update : Mon Nov 26 15:26:09 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	104951	45.078	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	111292	45.398	ng	94
46) 1,1'-Biphenyl	9.40	154	473005	41.402	ng	99
47) 2-Chloronaphthalene	9.43	162	337181	40.704	ng	98
48) 2-Nitroaniline	9.54	65	105401	40.680	ng	98
49) Acenaphthylene	9.85	152	478060	40.585	ng	99
50) Dimethylphthalate	9.70	163	388412	42.737	ng	98
51) 2,6-Dinitrotoluene	9.77	165	85129	42.075	ng #	90
52) Acenaphthene	10.02	154	315656	41.802	ng	99
53) 3-Nitroaniline	9.96	138	22299	9.456	ng #	92
54) 2,4-Dinitrophenol	10.07	184	56277	78.785	ng	94
55) Dibenzofuran	10.19	168	512254	46.500	ng	98
56) 4-Nitrophenol	10.14	139	53095	42.595	ng	87
57) 2,4-Dinitrotoluene	10.19	165	104835	39.937	ng #	88
58) Fluorene	10.53	166	419213	48.910	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	91356	45.408	ng #	91
60) Diethylphthalate	10.40	149	380089	40.555	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	176476	39.365	ng	95
62) 4-Nitroaniline	10.57	138	48428	22.057	ng	98
63) Azobenzene	10.68	77	318773	34.896	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	38035	41.215	ng	84
66) n-Nitrosodiphenylamine	10.64	169	302949	46.647	ng	96
67) 4-Bromophenyl-phenylether	11.01	248	98667	46.438	ng #	89
68) Hexachlorobenzene	11.09	284	104747	46.284	ng	94
69) Atrazine	11.18	200	16055	7.762	ng	96
70) Pentachlorophenol	11.29	266	99494	110.502	ng	97
71) Phenanthrene	11.50	178	648678	62.780	ng	100
72) Anthracene	11.56	178	499516	47.470	ng	100
73) Carbazole	11.72	167	380522	37.257	ng	99
74) Di-n-butylphthalate	12.02	149	530359	44.413	ng	99
75) Fluoranthene	12.71	202	431555	40.637	ng	100
78) Pyrene	12.94	202	418323	45.092	ng	98
80) Butylbenzylphthalate	13.52	149	181969	43.446	ng	98
81) Benzo(a)anthracene	14.12	228	343098	45.753	ng	99
83) Chrysene	14.16	228	329922	44.692	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	259278	46.457	ng	99
85) Di-n-octyl phthalate	14.69	149	429575	48.762	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	349381	65.935	ng	98
88) Benzo(b)fluoranthene	15.21	252	355442	46.962	ng	100
89) Benzo(k)fluoranthene	15.24	252	317599	40.768	ng	98
90) Benzo(a)pyrene	15.60	252	329832	46.817	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	298231	51.306	ng	99
92) Benzo(g,h,i)perylene	17.74	276	270121	48.196	ng	100

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

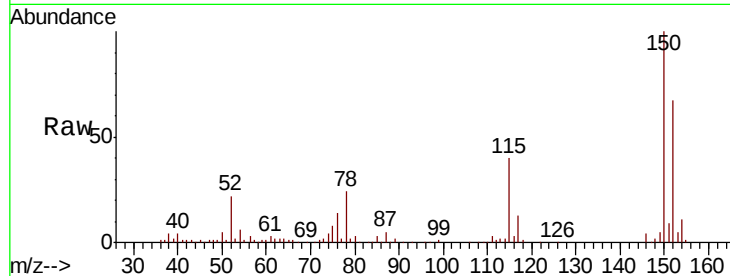


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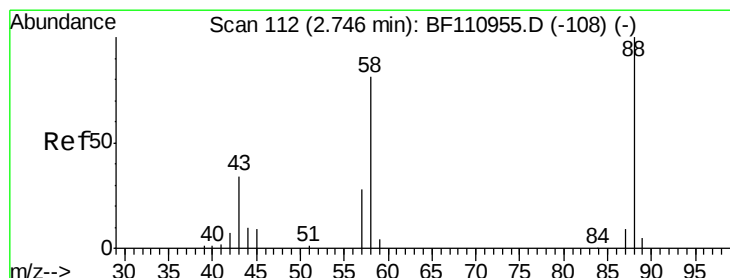
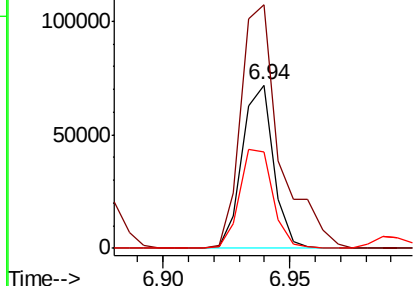
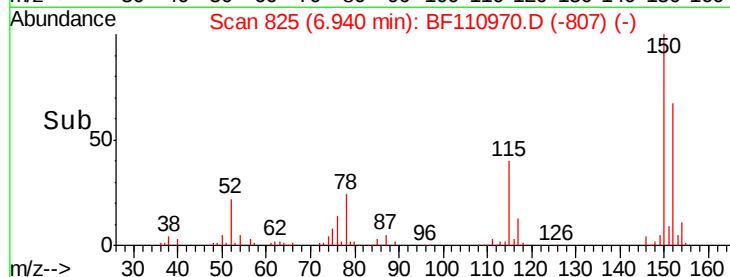
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion:152 Resp: 61595
Ion Ratio Lower Upper
152 100
150 149.4 122.7 184.1
115 59.5 49.1 73.7



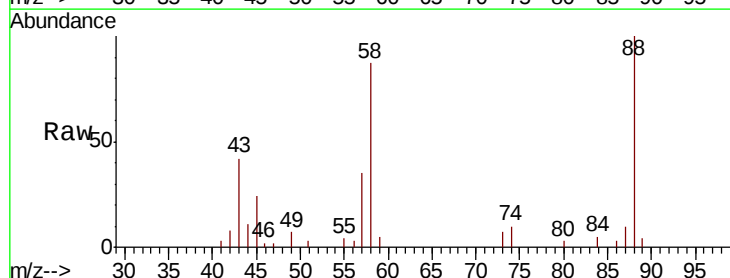
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



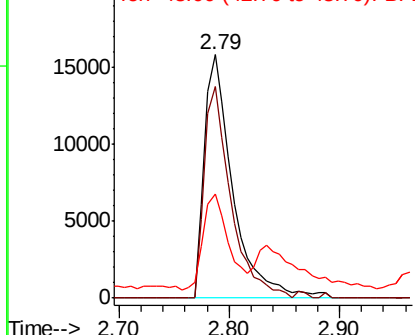
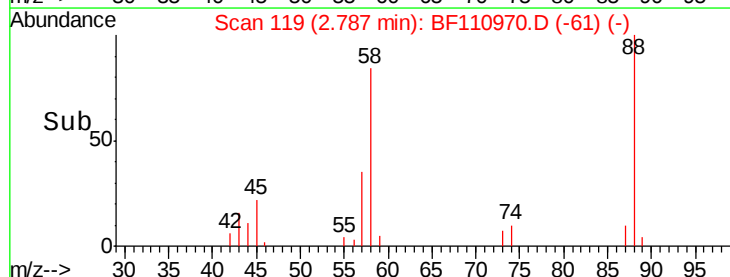
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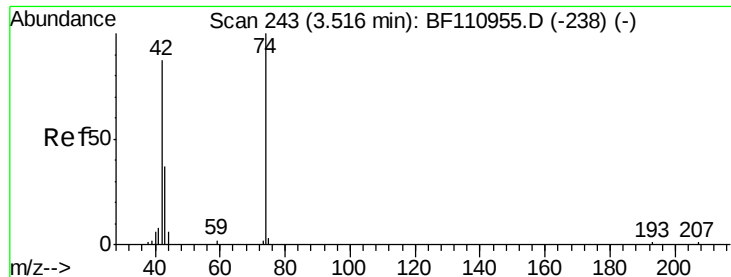
1,4-Dioxane
Concen: 15.703 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.04 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion: 88 Resp: 27944
Ion Ratio Lower Upper
88 100
58 80.7 57.1 85.7
43 34.9 24.1 36.1



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



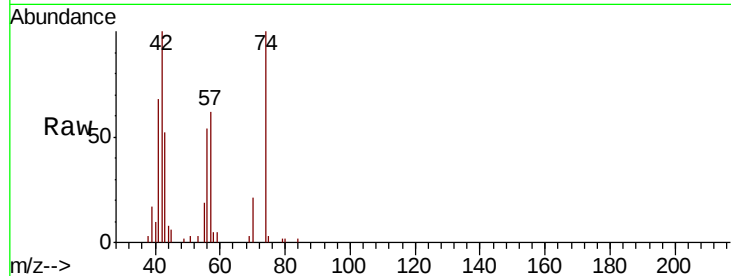


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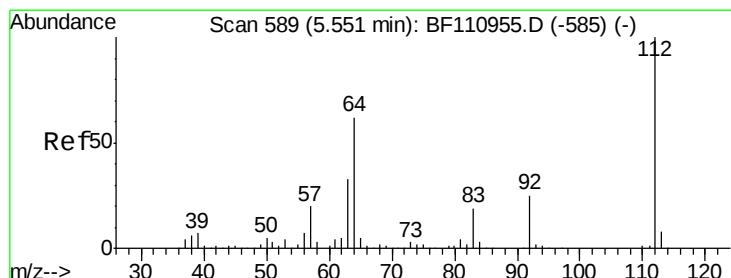
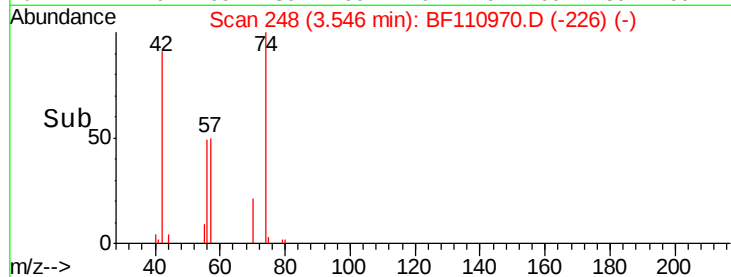
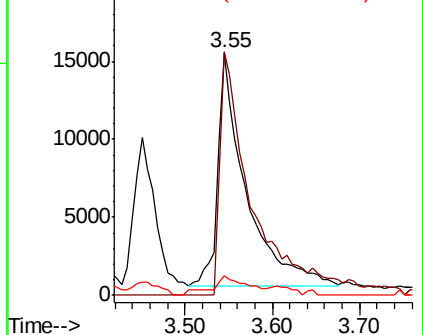
n-Nitrosodimethylamine
 Concen: 18.338 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.03 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion: 42 Resp: 32698
 Ion Ratio Lower Upper
 42 100
 74 100.5 105.5 158.3#
 44 8.1 4.9 7.3#



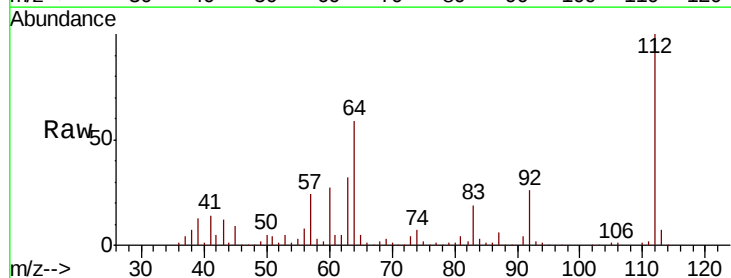
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



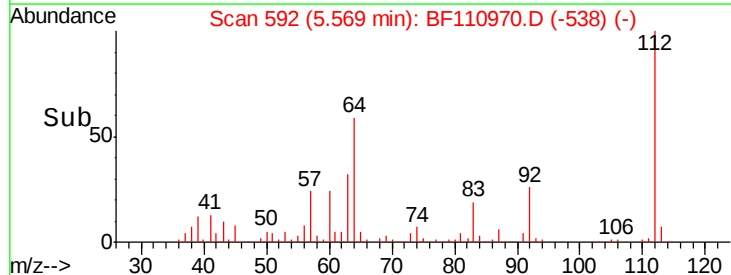
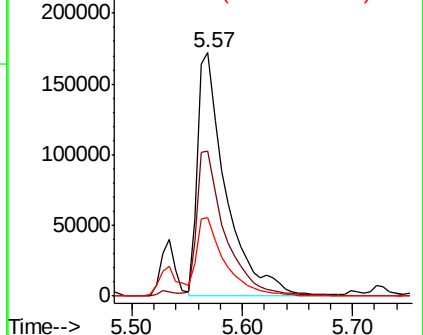
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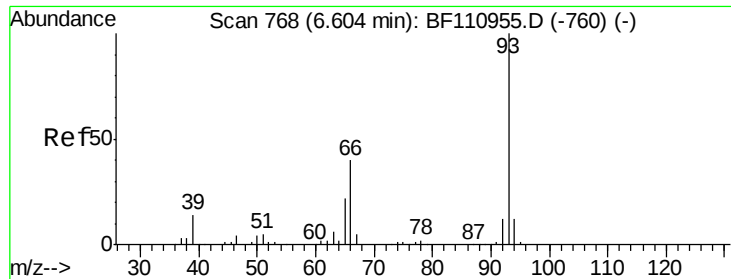
2-Fluorophenol
 Concen: 81.453 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.02 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion: 112 Resp: 302542
 Ion Ratio Lower Upper
 112 100
 64 59.3 44.1 66.1
 63 32.2 23.7 35.5



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: 3.817 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

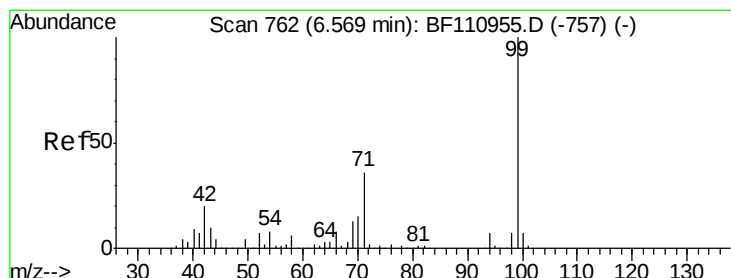
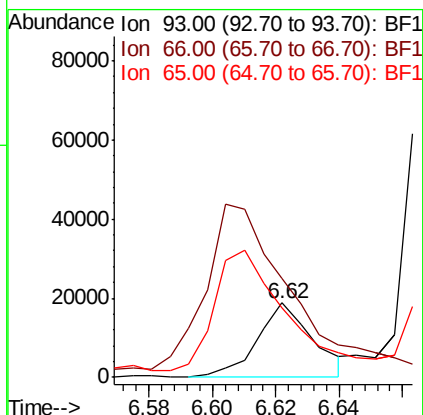
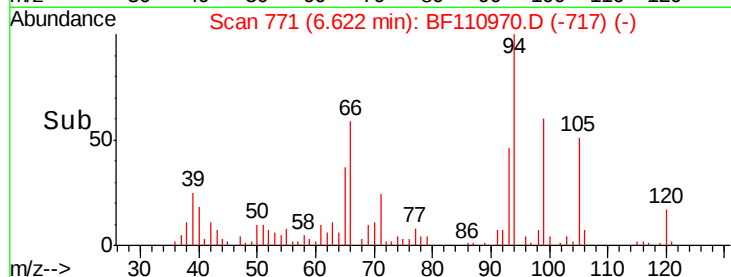
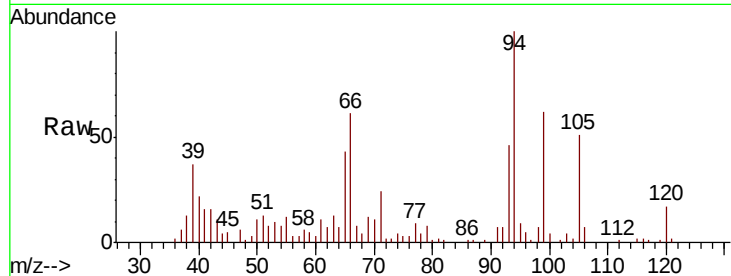
Tgt Ion: 93 Resp: 22842

Ion Ratio Lower Upper

93 100

66 133.5 67.4 101.0#

65 93.1 41.0 61.4#



#7

Phenol-d6

Concen: 54.198 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

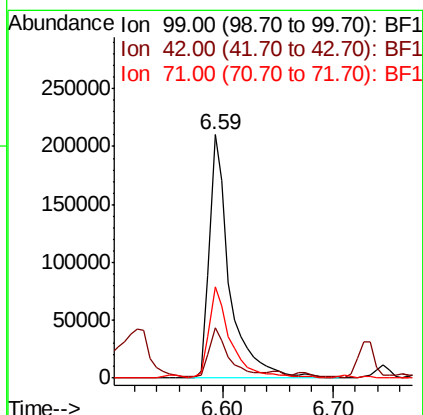
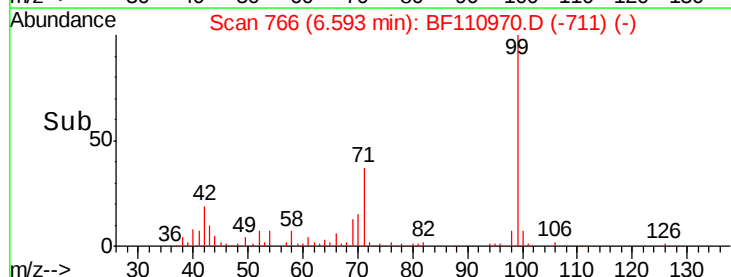
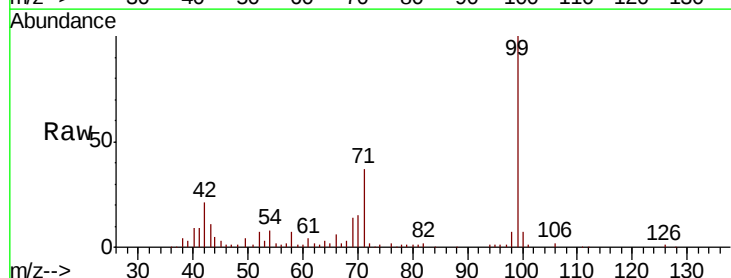
Tgt Ion: 99 Resp: 262339

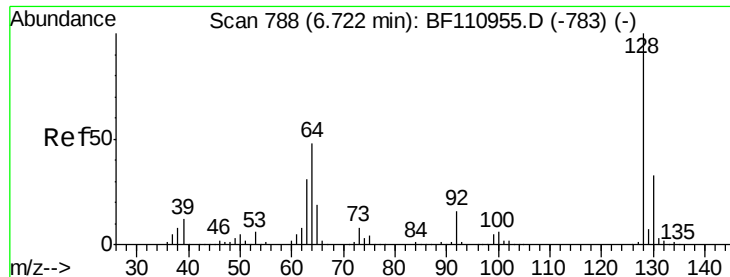
Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

71 37.3 28.0 42.0





#8

2-Chlorophenol

Concen: 40.077 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

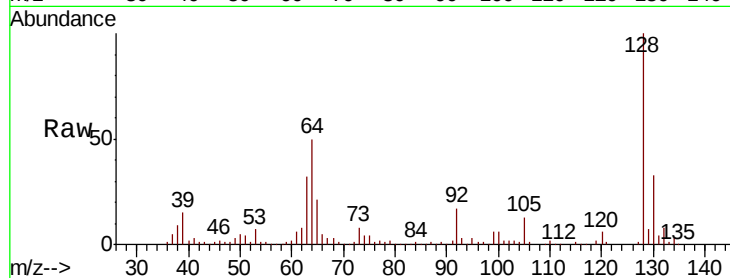
Tgt Ion: 128 Resp: 176417

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

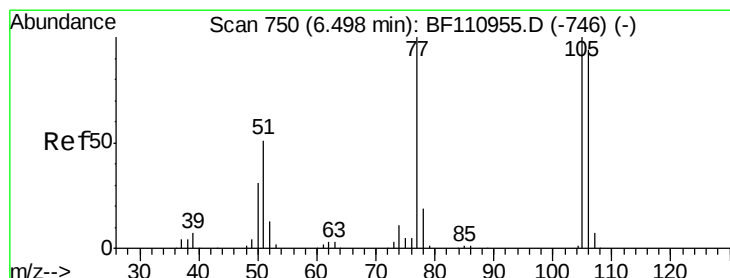
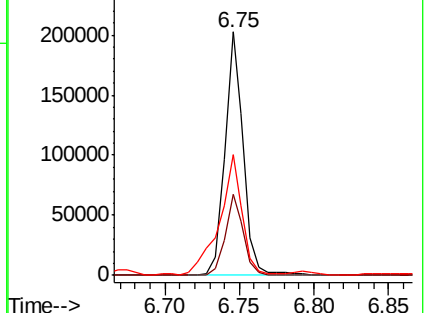
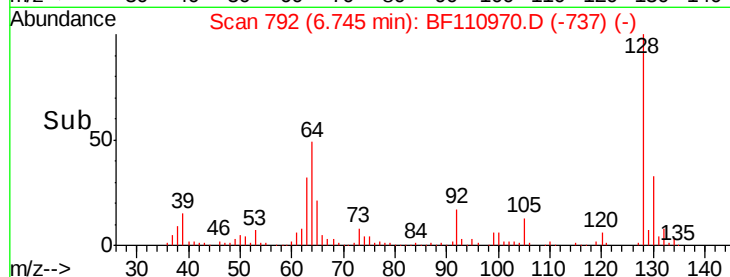
64 49.5 26.0 66.0



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: 23.584 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

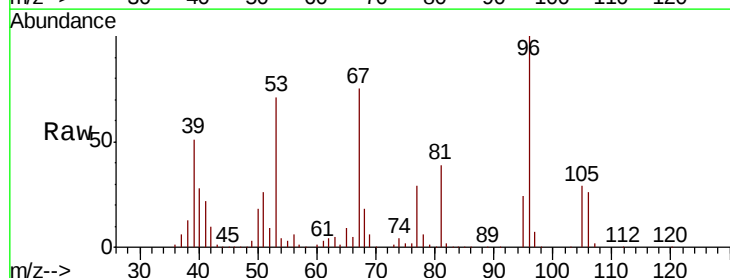
Tgt Ion: 77 Resp: 68572

Ion Ratio Lower Upper

77 100

105 100.3 78.6 118.6

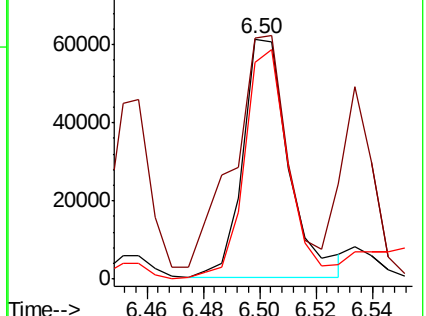
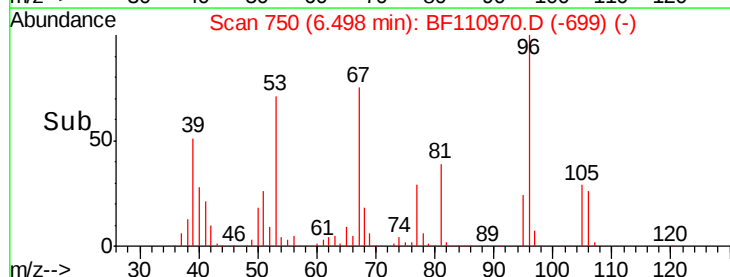
106 90.6 74.8 114.8

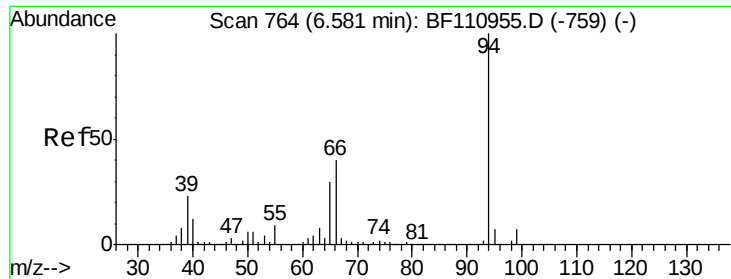


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.060 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.03 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

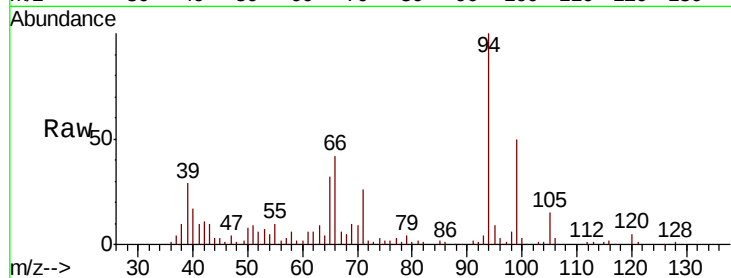
Tgt Ion: 94 Resp: 163860

Ion Ratio Lower Upper

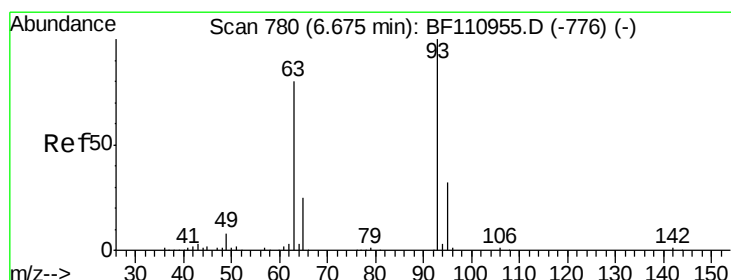
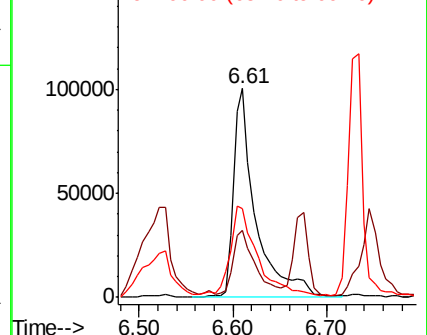
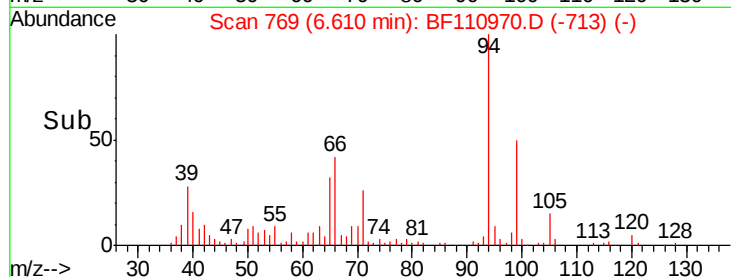
94 100

65 32.0 25.3 65.3

66 42.3 54.5 94.5#



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: 42.065 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

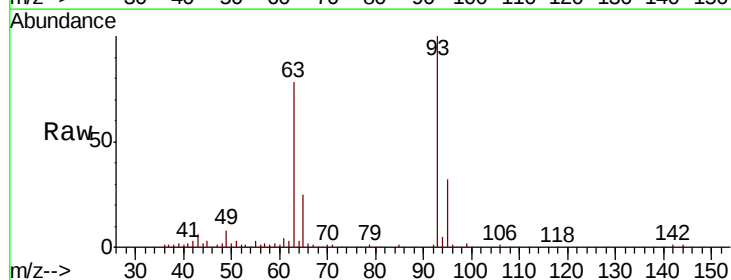
Tgt Ion: 93 Resp: 172754

Ion Ratio Lower Upper

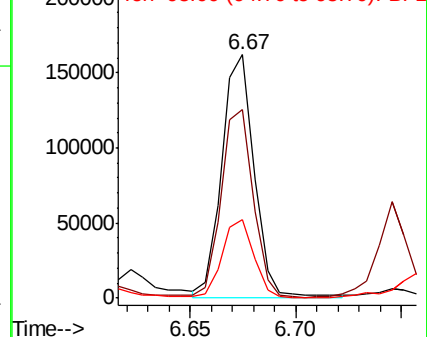
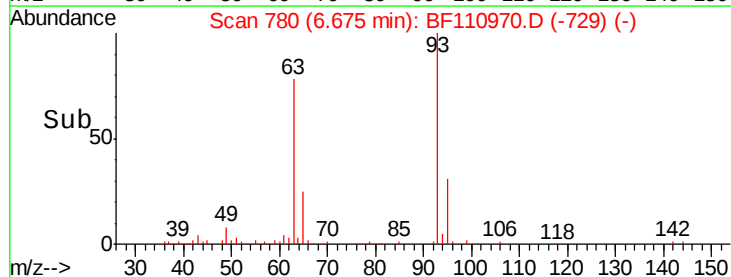
93 100

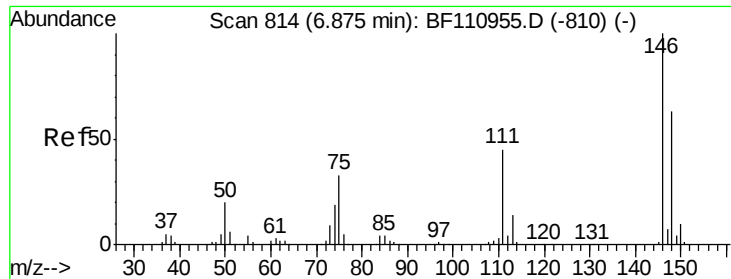
63 77.7 53.4 93.4

95 32.2 12.1 52.1



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

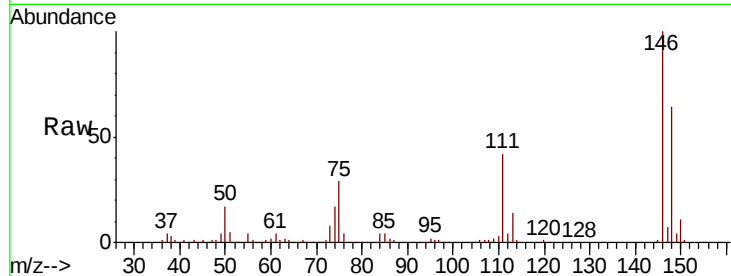




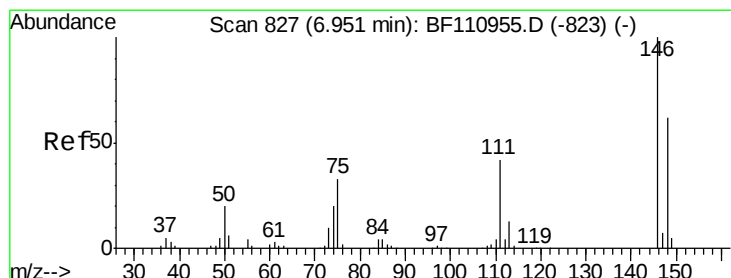
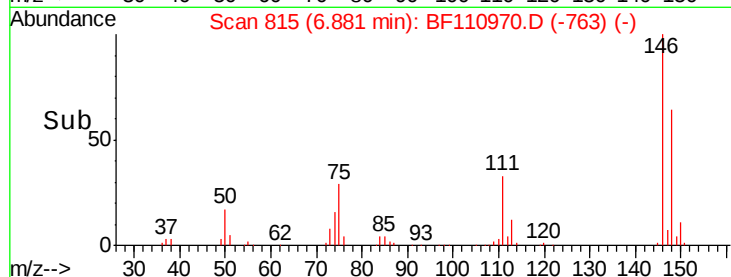
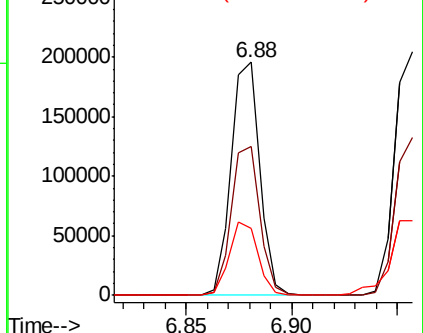
#12
 1,3-Dichlorobenzene
 Concen: 37.859 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
75	28.7	25.8	38.6

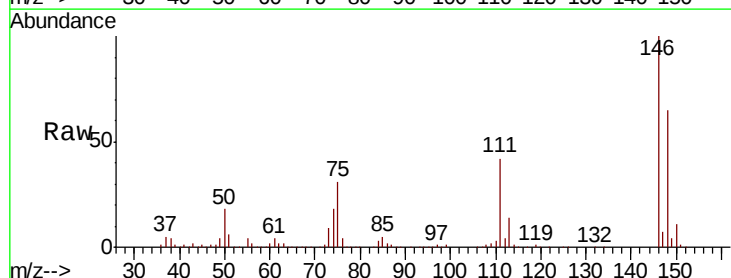


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

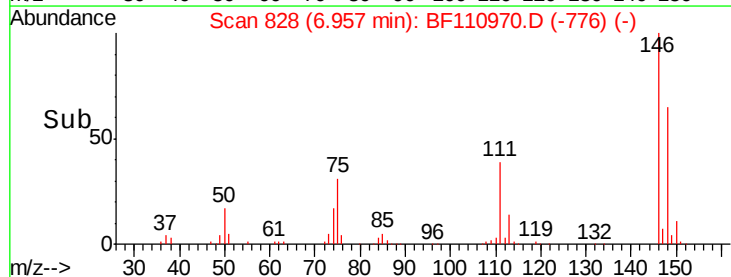
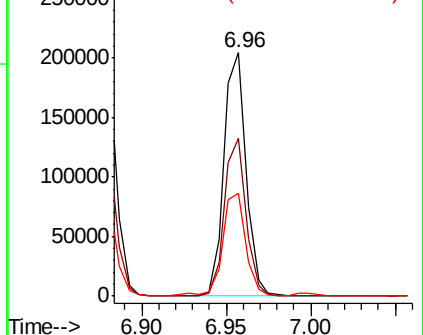


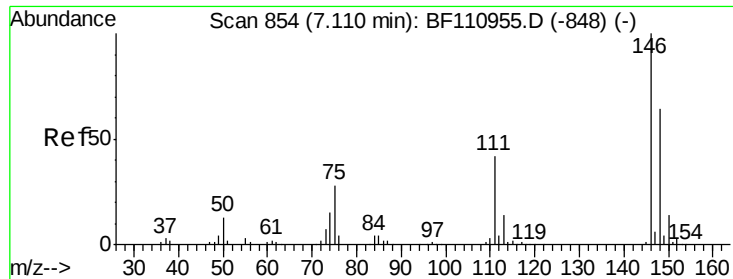
#13
 1,4-Dichlorobenzene
 Concen: 37.459 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.3	75.5
111	42.2	32.7	49.1



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

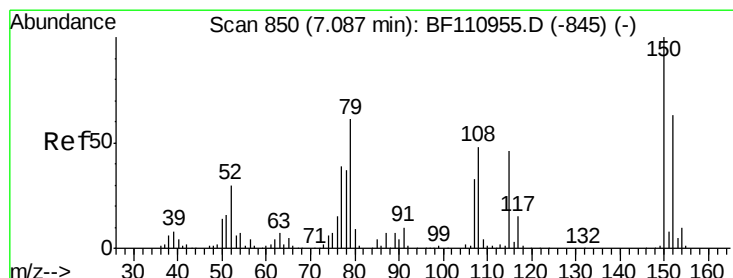
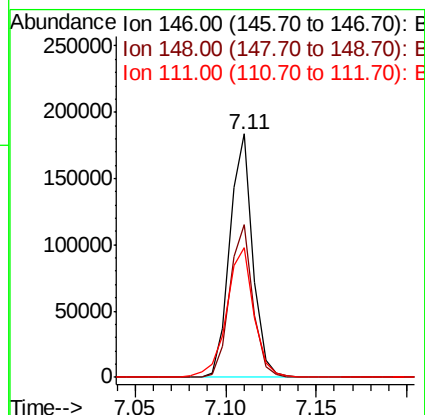
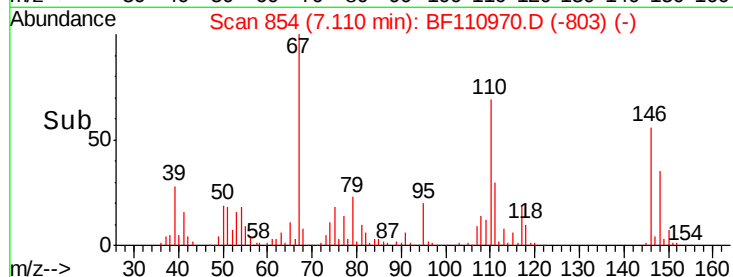
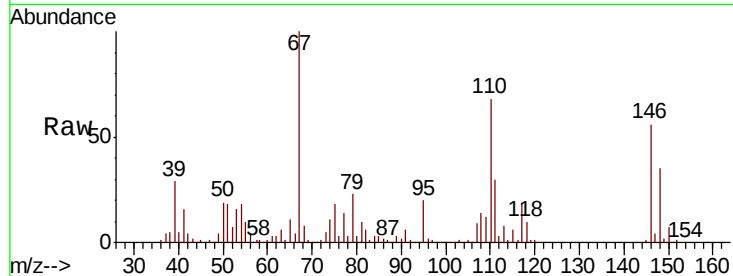




#14
1,2-Dichlorobenzene
Concen: 34.568 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

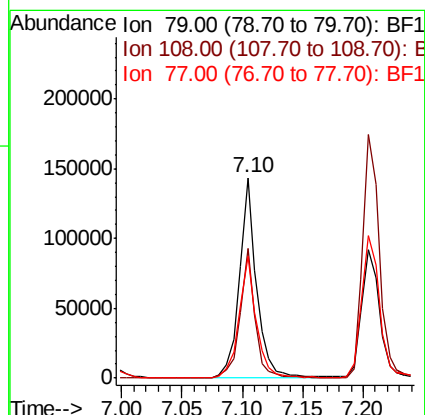
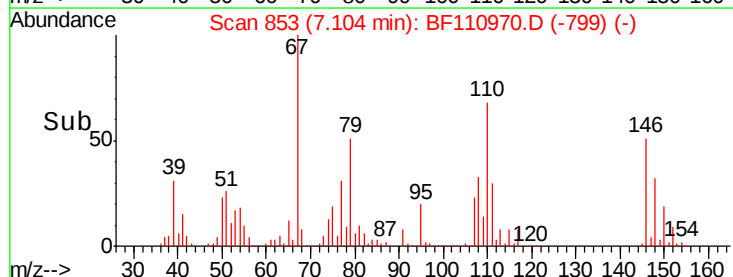
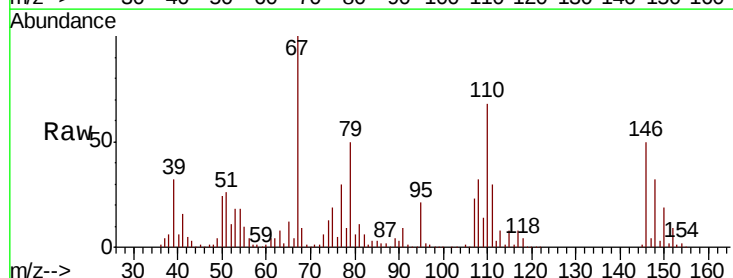
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

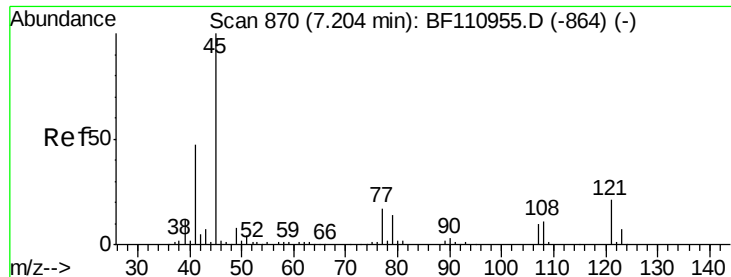
Tgt Ion:146 Resp: 161792
Ion Ratio Lower Upper
146 100
148 62.6 51.1 76.7
111 53.2 35.8 53.6



#15
Benzyl Alcohol
Concen: 37.971 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion: 79 Resp: 141246
Ion Ratio Lower Upper
79 100
108 64.7 56.3 84.5
77 60.7 52.9 79.3

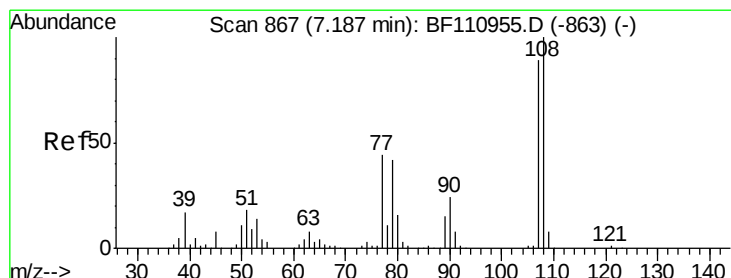
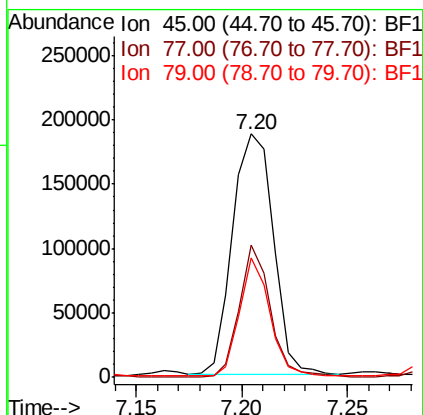
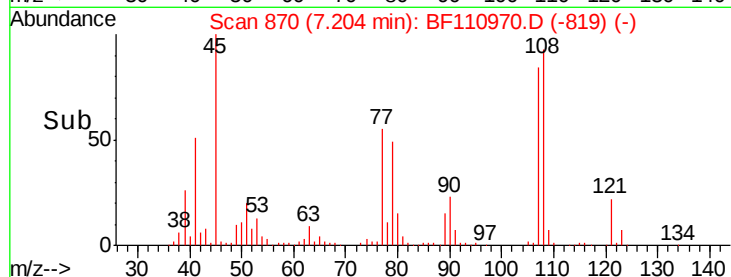
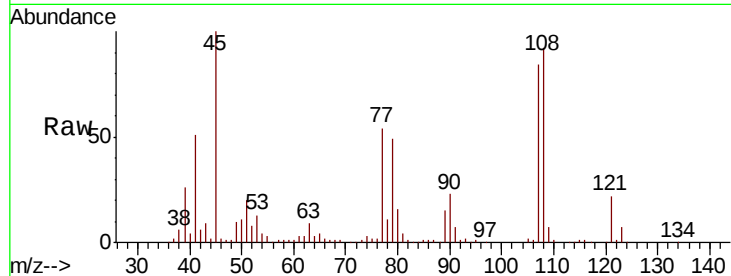




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.117 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

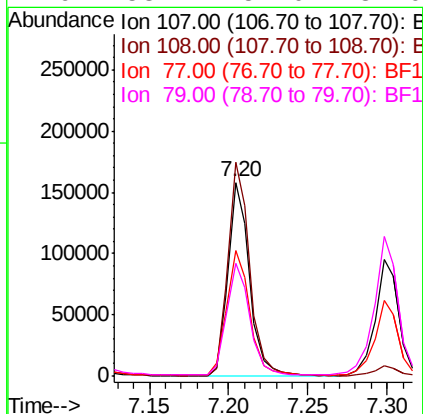
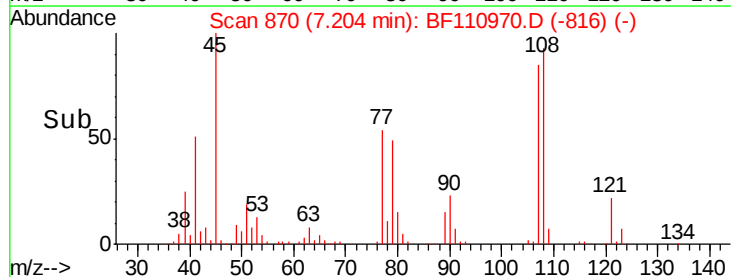
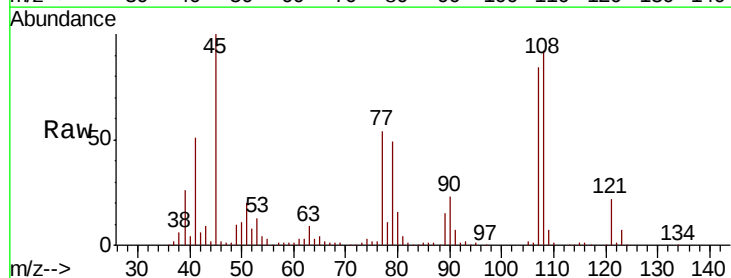
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

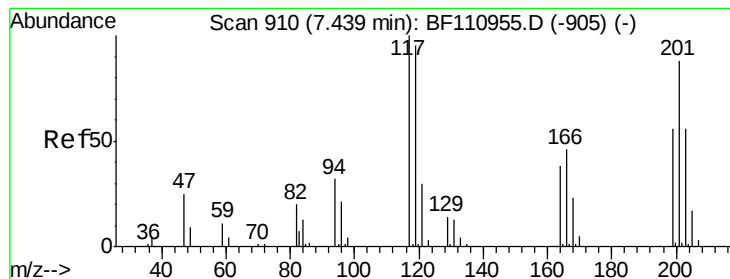
Tgt Ion: 45 Resp: 249120
Ion Ratio Lower Upper
45 100
77 54.2 10.0 50.0#
79 48.9 6.1 46.1#



#17
2-Methylphenol
Concen: 42.494 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion: 107 Resp: 148727
Ion Ratio Lower Upper
107 100
108 110.3 92.6 138.8
77 64.7 59.4 89.2
79 58.4 54.0 81.0





#18

Hexachloroethane

Concen: 38.617 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

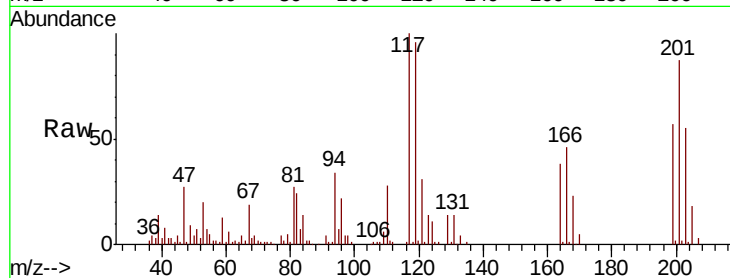
Tgt Ion:117 Resp: 70641

Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

201 87.2 79.2 118.8

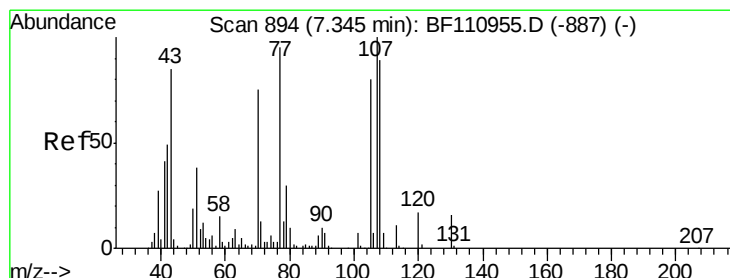
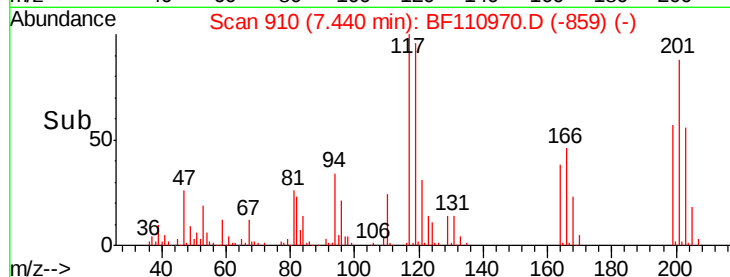
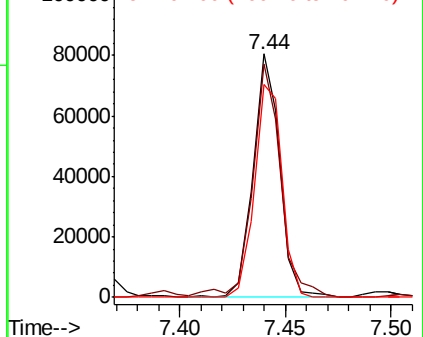


Abundance

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: 41.513 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion: 70 Resp: 130890

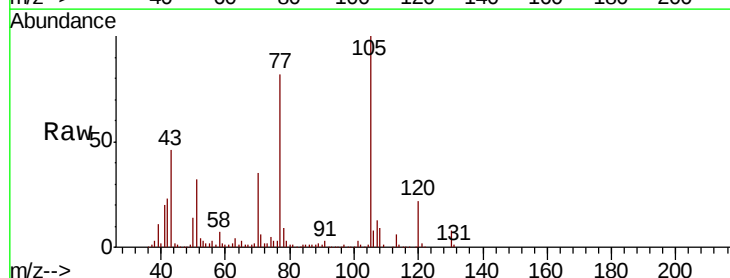
Ion Ratio Lower Upper

70 100

42 65.2 47.4 71.2

101 9.8 7.3 10.9

130 23.0 16.2 24.2



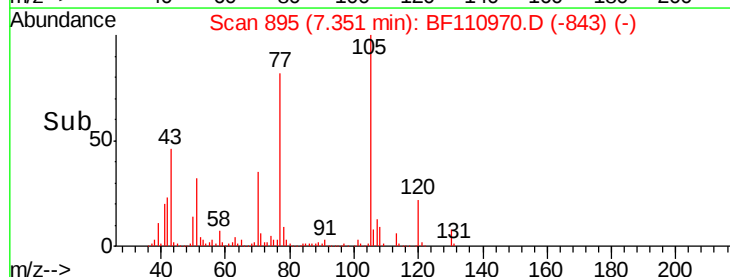
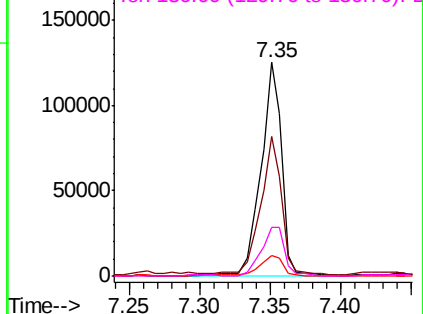
Abundance

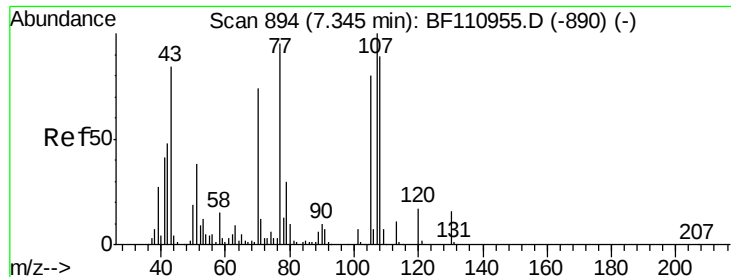
Ion 70.00 (69.70 to 70.70): BF1

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

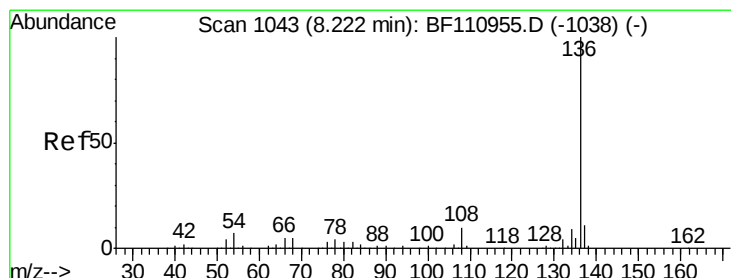
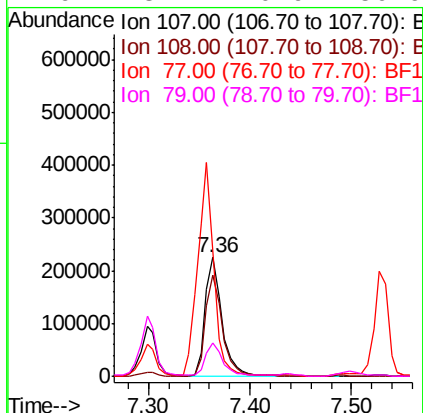
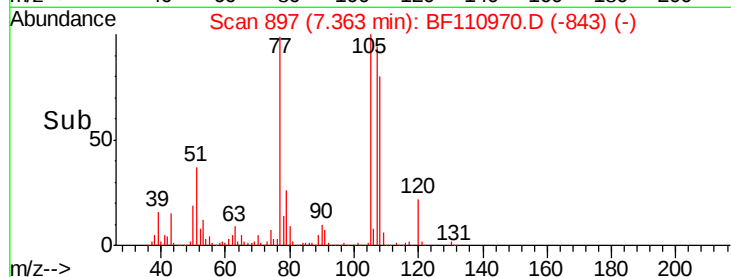
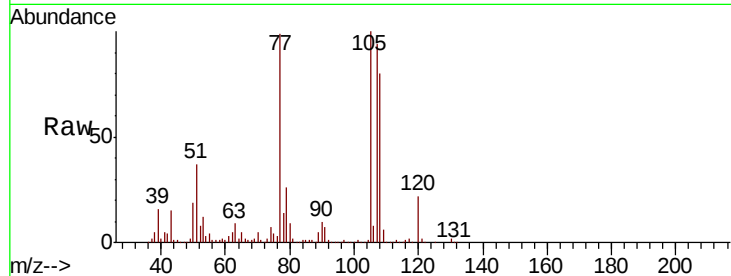




#20
3+4-Methylphenols
Concen: 55.510 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

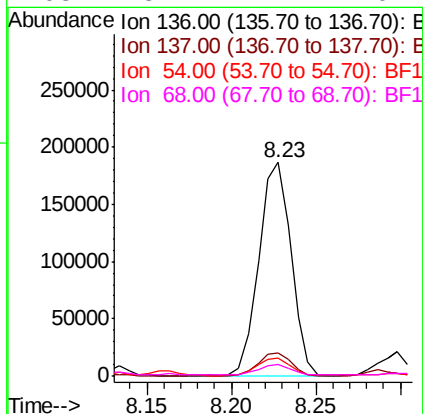
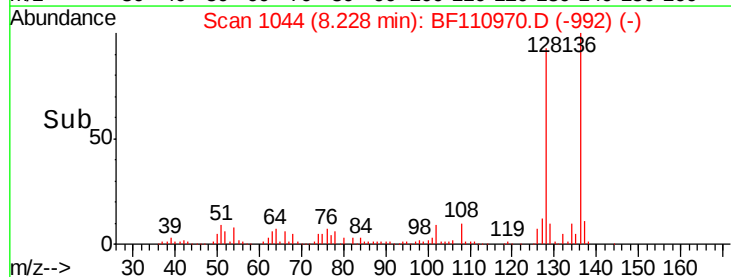
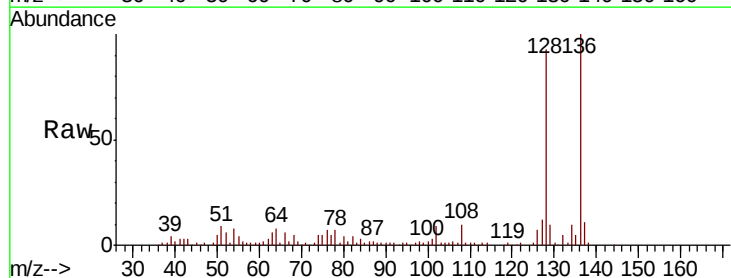
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

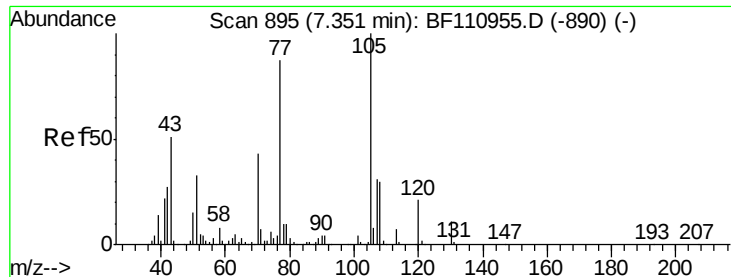
Tgt Ion:107 Resp: 258259
Ion Ratio Lower Upper
107 100
108 85.0 71.4 111.4
77 105.8 47.3 87.3#
79 28.2 10.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:136 Resp: 248950
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.4 8.2#
68 5.1 4.2 6.2





#22

Acetophenone

Concen: 82.231 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

Tgt Ion:105 Resp: 479848

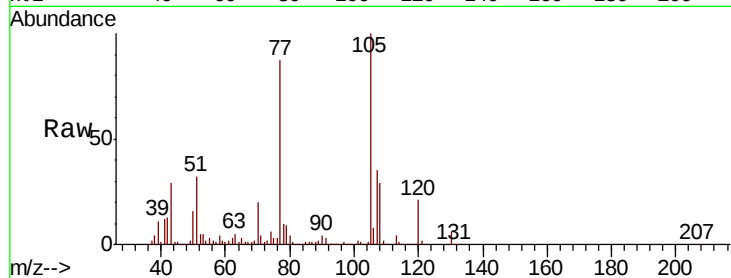
Ion Ratio Lower Upper

105 100

71 3.5 5.2 7.8#

51 32.4 21.8 32.8

120 21.3 17.0 25.4

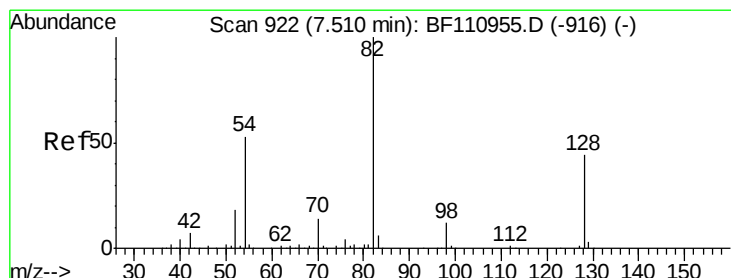
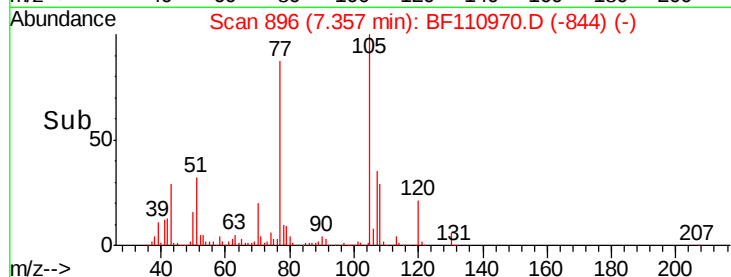
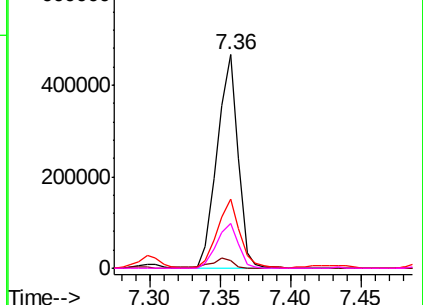


Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.579 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

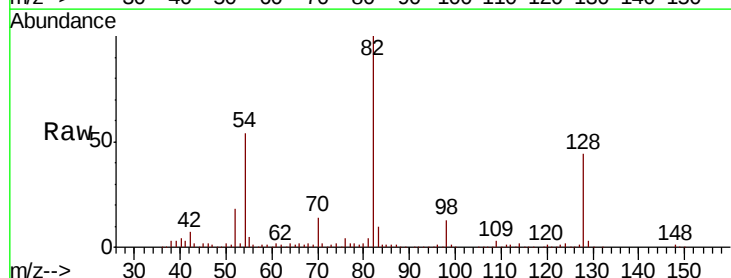
Tgt Ion: 82 Resp: 341814

Ion Ratio Lower Upper

82 100

128 44.3 34.2 51.2

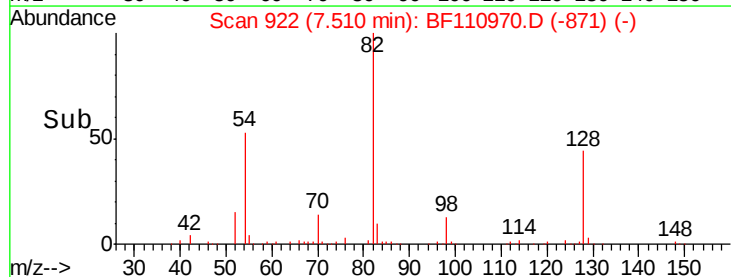
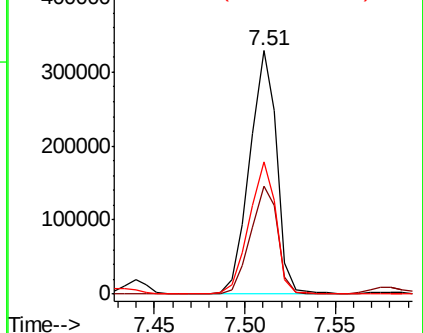
54 54.3 38.6 58.0

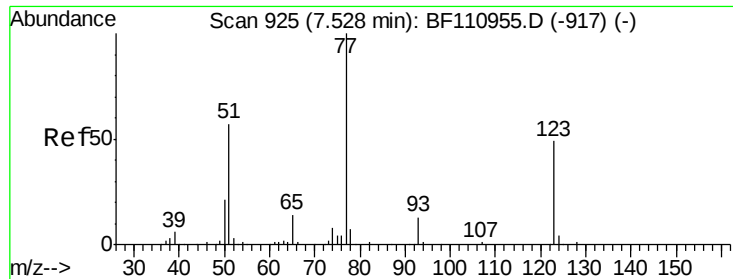


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

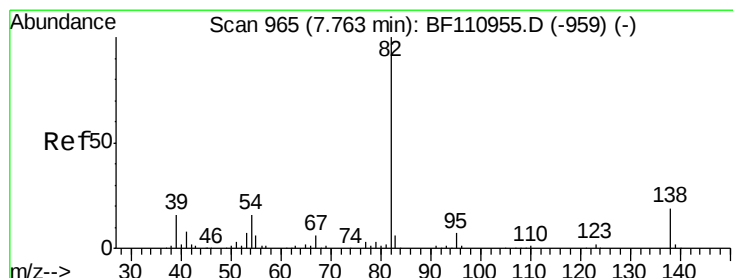
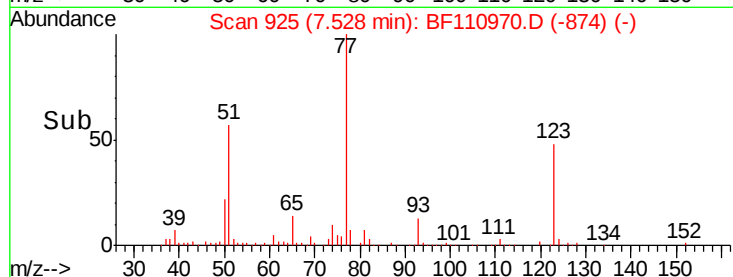
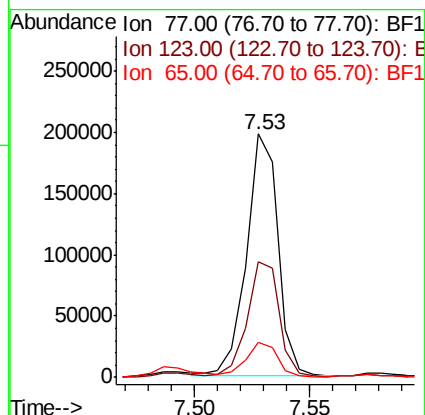
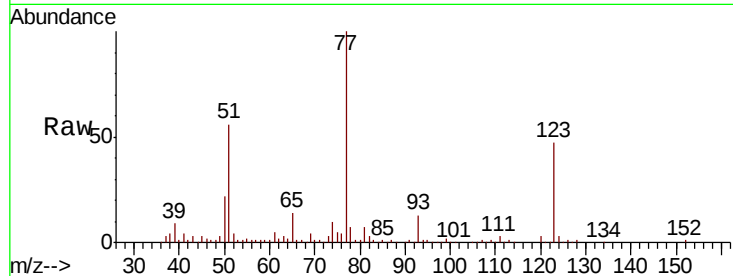




#24
 Nitrobenzene
 Concen: 41.478 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

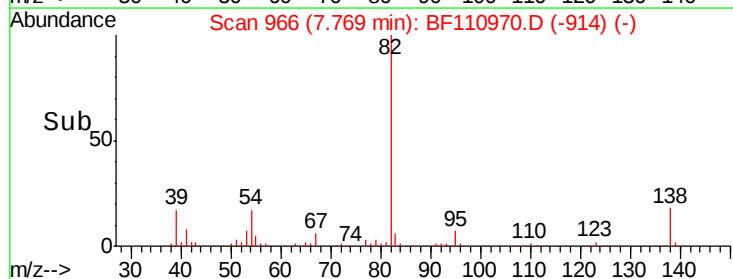
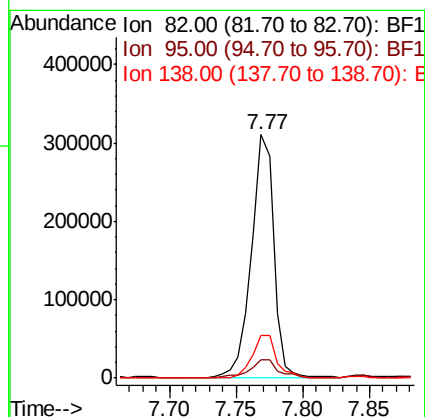
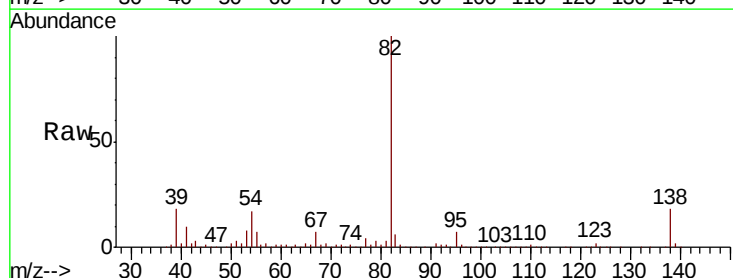
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

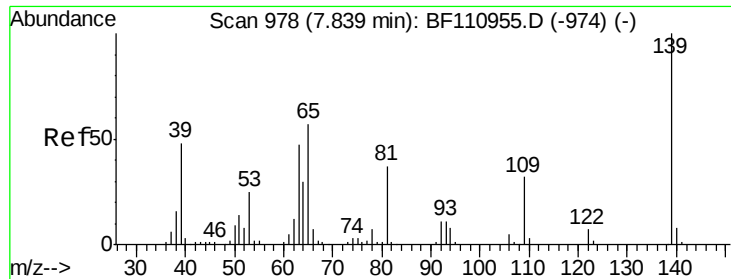
Tgt Ion: 77 Resp: 187631
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.7 53.5
 65 14.4 10.7 16.1



#25
 Isophorone
 Concen: 49.989 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion: 82 Resp: 356692
 Ion Ratio Lower Upper
 82 100
 95 7.5 5.7 8.5
 138 17.8 13.2 19.8

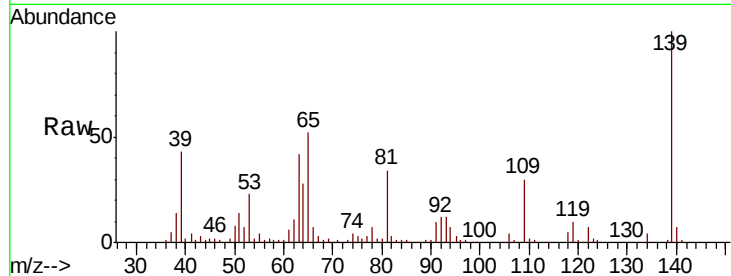




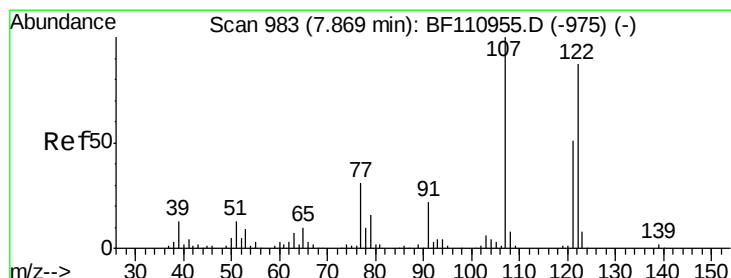
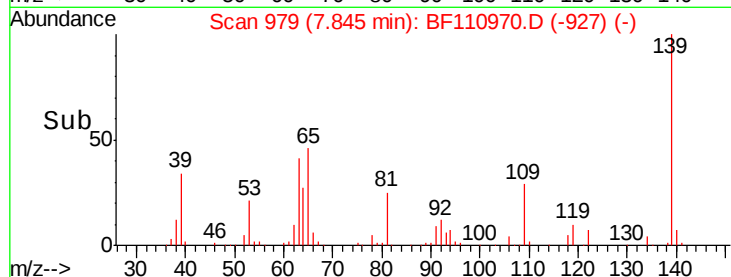
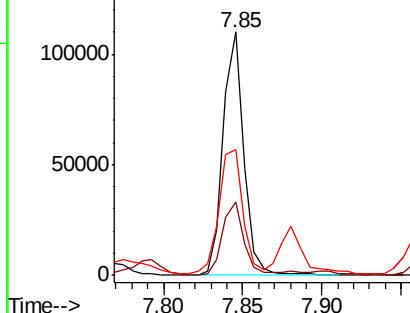
#26
2-Nitrophenol
Concen: 45.154 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.0	25.0	37.6
65	51.6	44.0	66.0

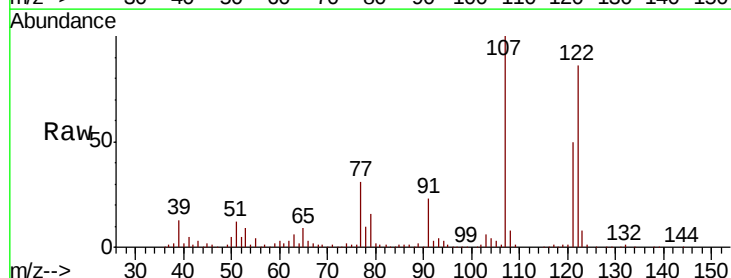


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

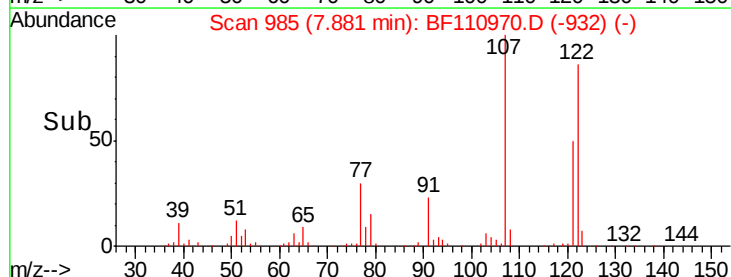
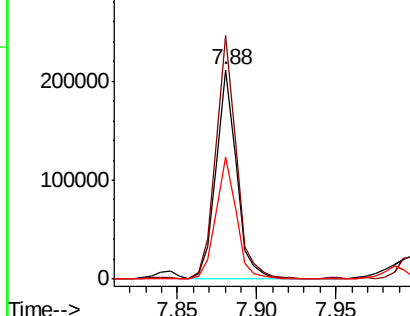


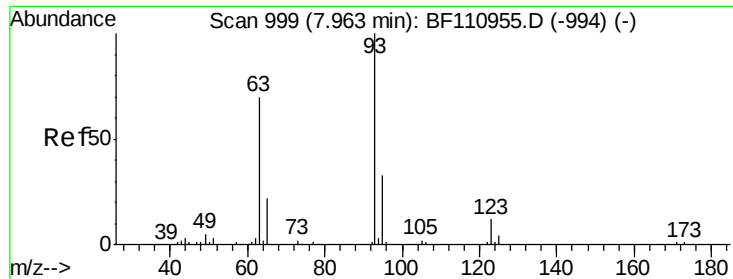
#27
2,4-Dimethylphenol
Concen: 57.025 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.5	138.7
121	58.1	45.8	68.8



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

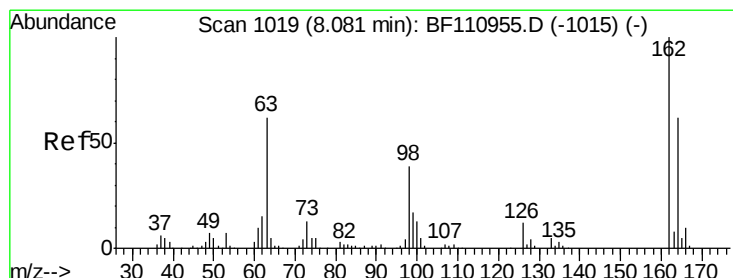
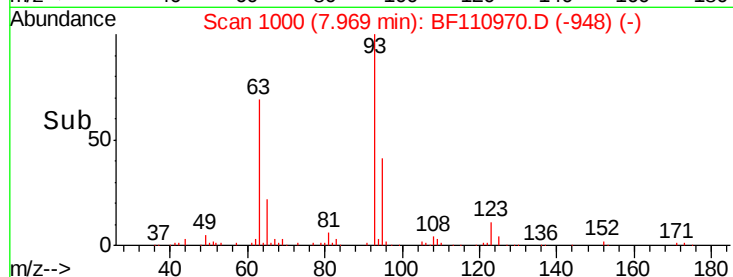
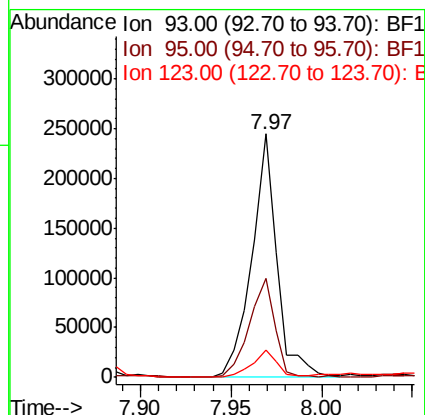
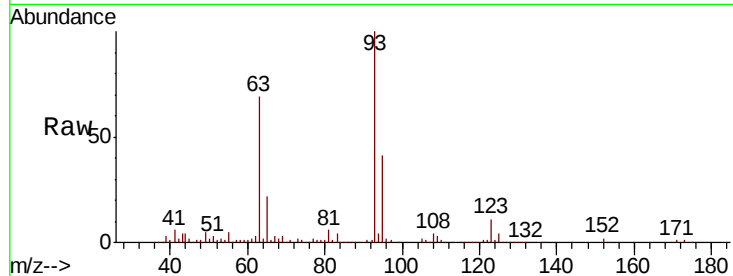




#28
bis(2-Chloroethoxy)methane
Concen: 49.682 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

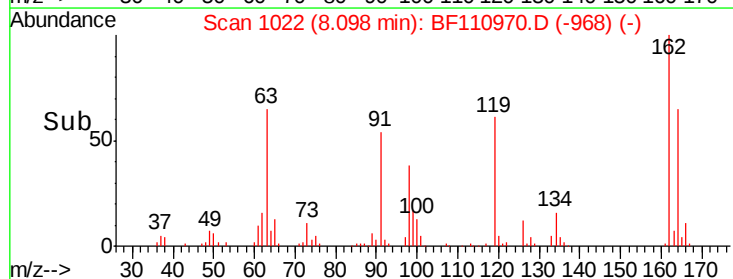
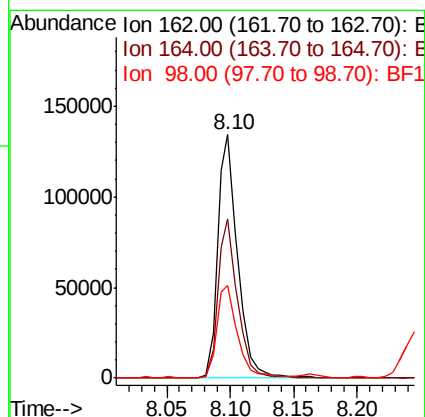
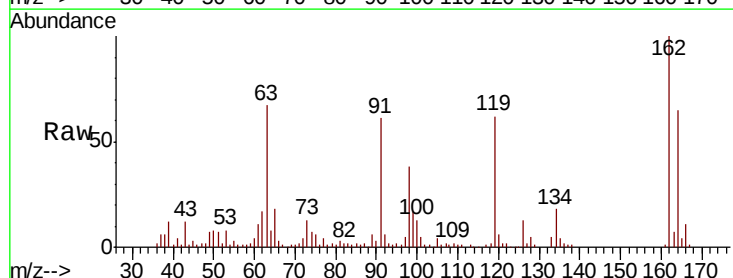
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

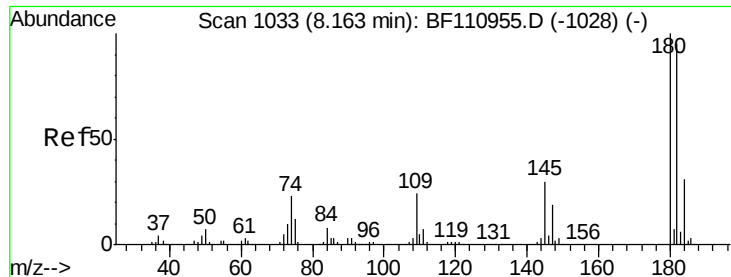
Tgt Ion: 93 Resp: 237494
Ion Ratio Lower Upper
93 100
95 40.8 26.4 39.6#
123 11.2 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 42.560 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion: 162 Resp: 147811
Ion Ratio Lower Upper
162 100
164 65.4 44.6 84.6
98 38.0 17.4 57.4

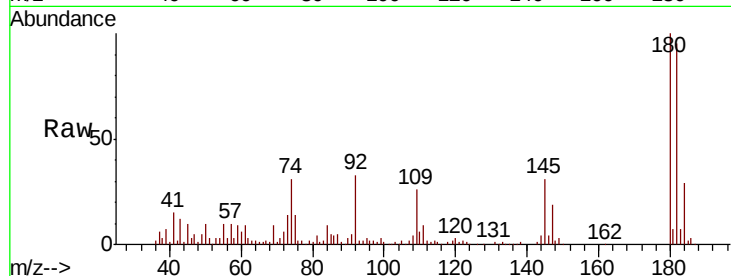




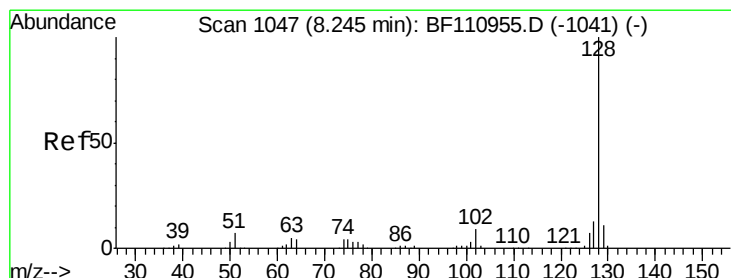
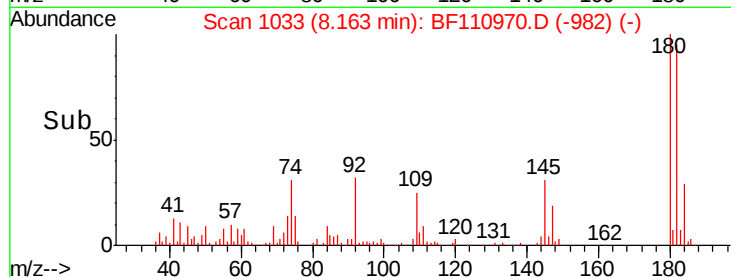
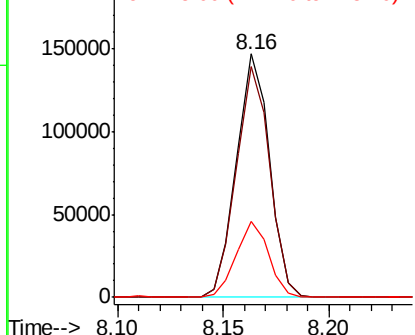
#30
1,2,4-Trichlorobenzene
Concen: 41.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion:180 Resp: 159577
Ion Ratio Lower Upper
180 100
182 95.0 80.3 120.5
145 31.3 25.4 38.0

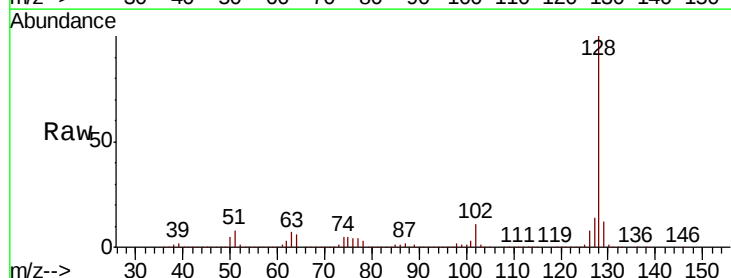


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

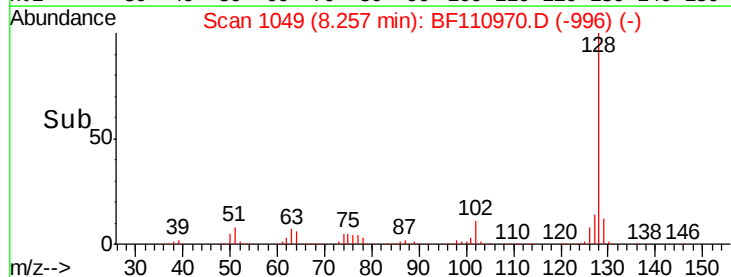
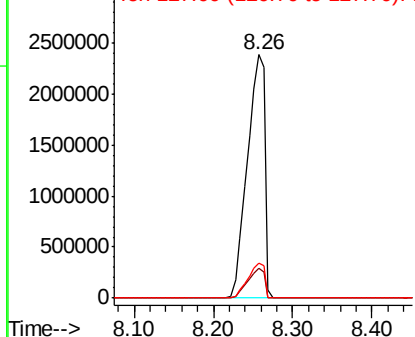


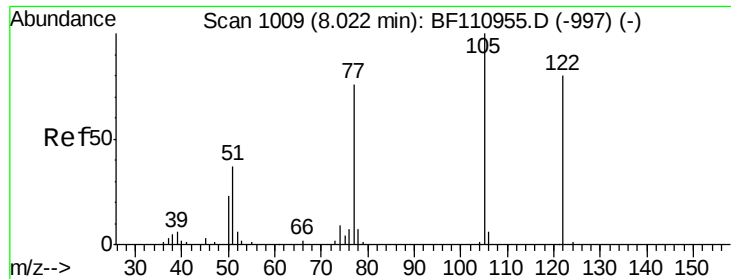
#31
Naphthalene
Concen: 311.051 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:128 Resp: 3629853
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 10.8 16.2



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

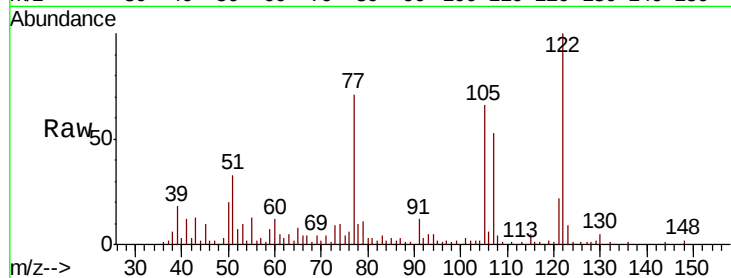




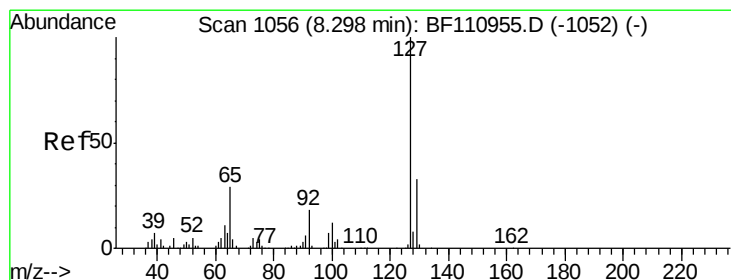
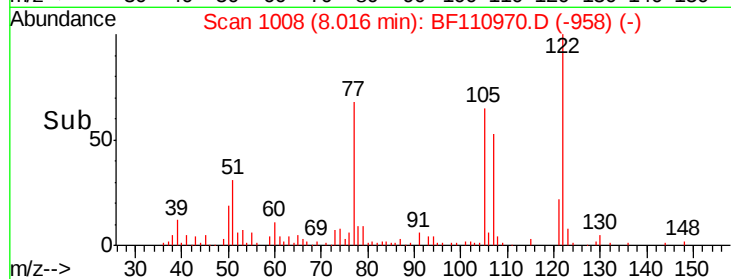
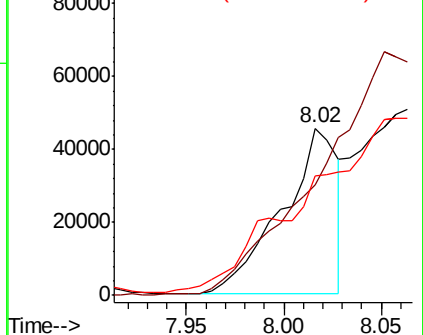
#32
Benzoic acid
Concen: 36.486 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion:122 Resp: 90030
Ion Ratio Lower Upper
122 100
105 65.8 109.0 149.0#
77 71.3 79.0 119.0#



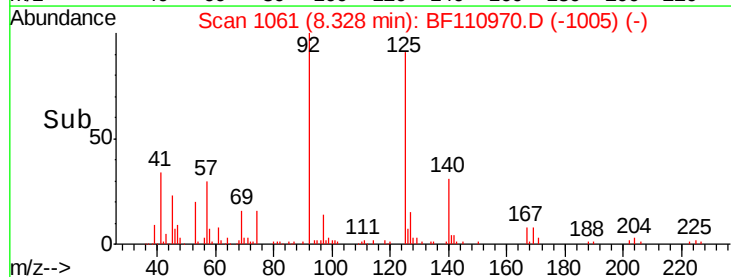
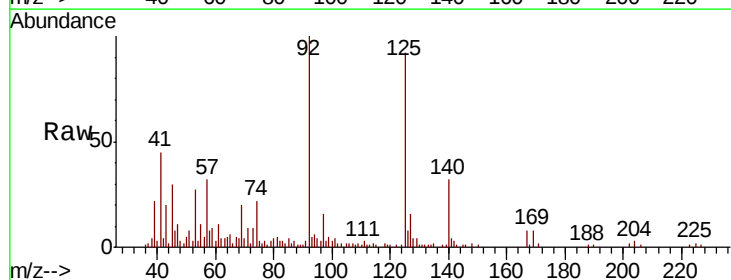
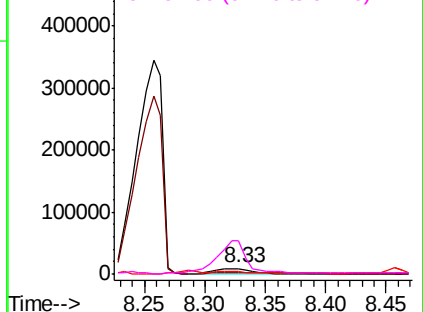
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

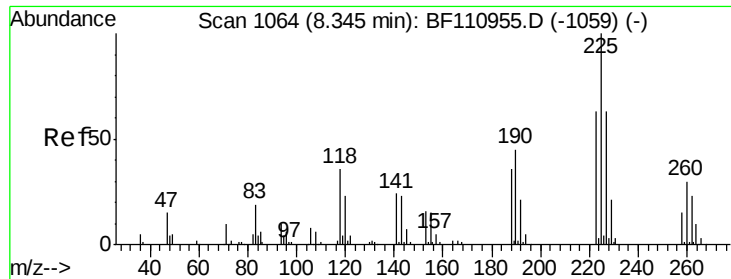


#33
4-Chloroaniline
Concen: 4.049 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:127 Resp: 20110
Ion Ratio Lower Upper
127 100
129 27.1 26.0 39.0
65 38.0 25.1 37.7#
92 640.2 15.0 22.6#

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

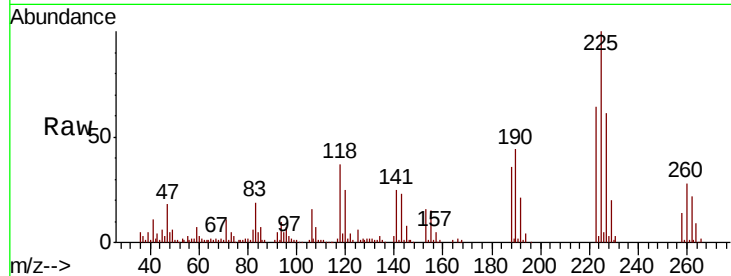




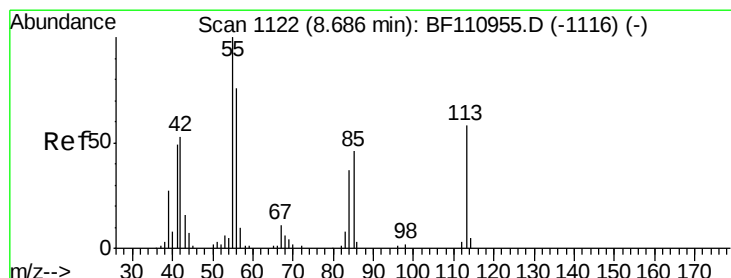
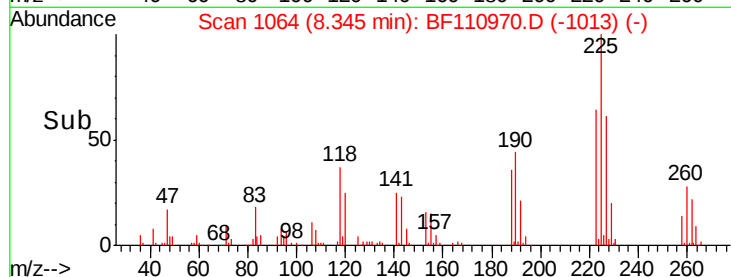
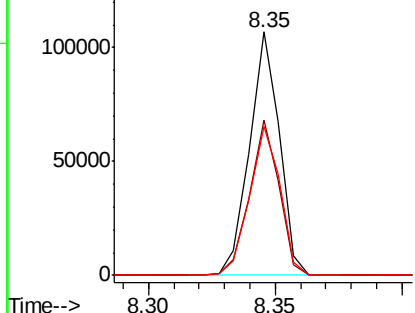
#34
Hexachlorobutadiene
Concen: 39.570 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion:225 Resp: 87721
Ion Ratio Lower Upper
225 100
223 63.8 51.4 77.2
227 61.0 51.0 76.6

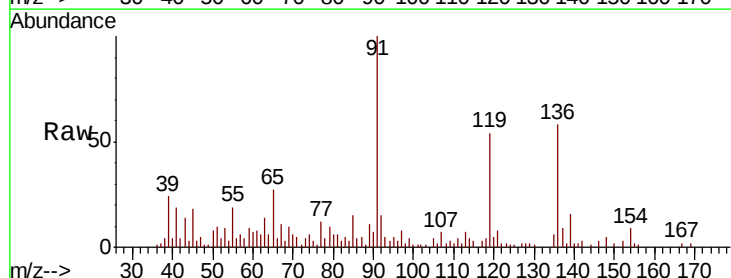


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

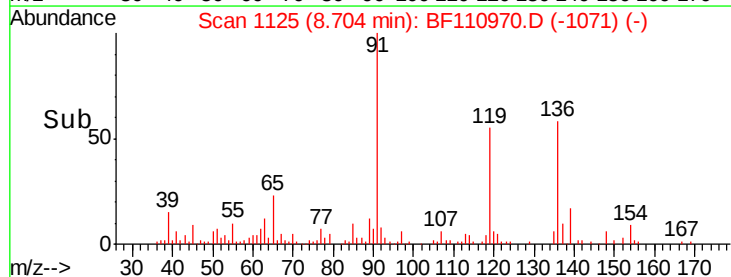
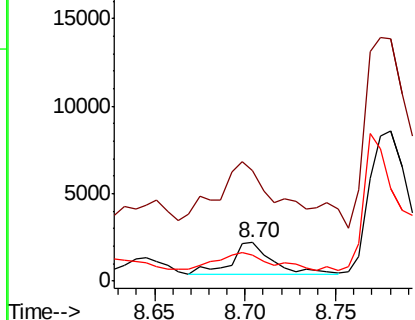


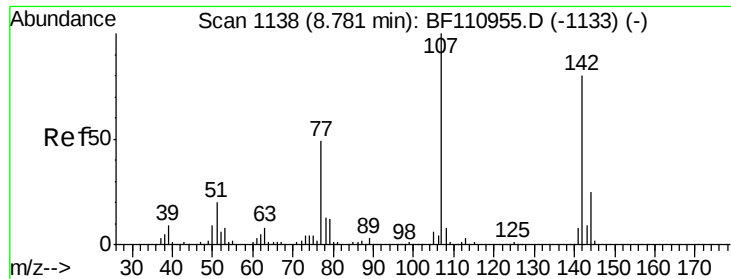
#35
Caprolactam
Concen: 2.477 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:113 Resp: 2937
Ion Ratio Lower Upper
113 100
55 287.5 142.8 182.8#
56 66.0 105.0 145.0#



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

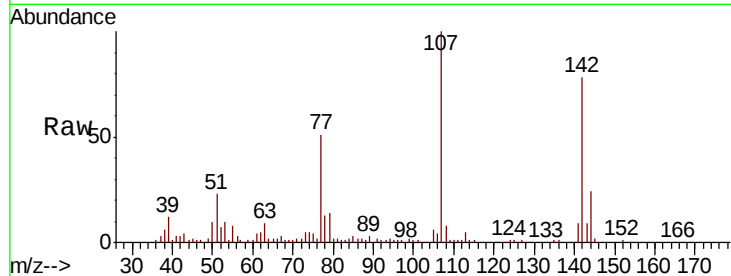




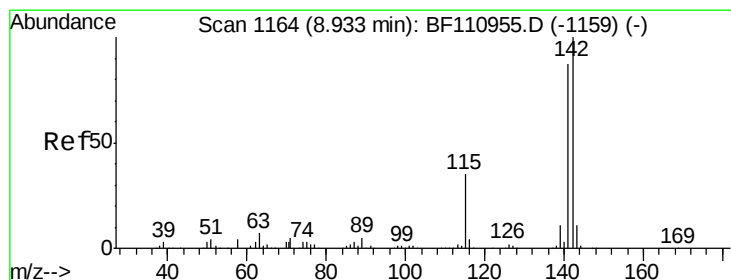
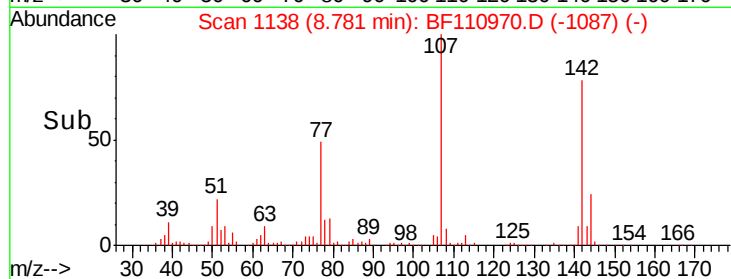
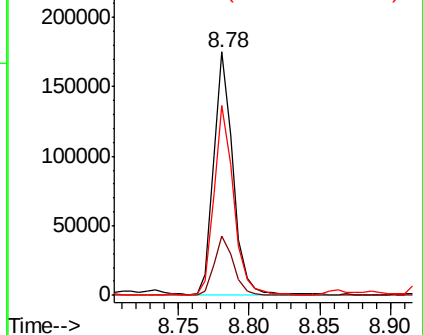
#36
4-Chloro-3-methylphenol
Concen: 42.819 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampled :
DTW-03MSD

Tgt Ion:107 Resp: 165232
Ion Ratio Lower Upper
107 100
144 24.2 20.0 30.0
142 78.1 59.7 89.5

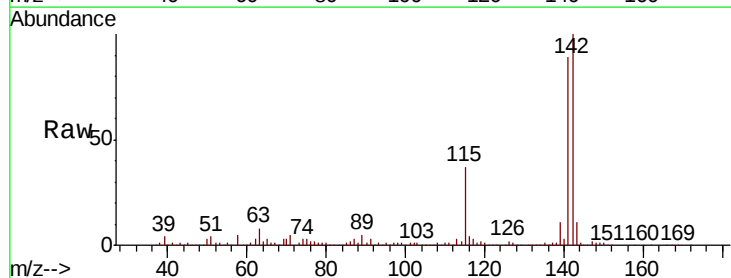


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

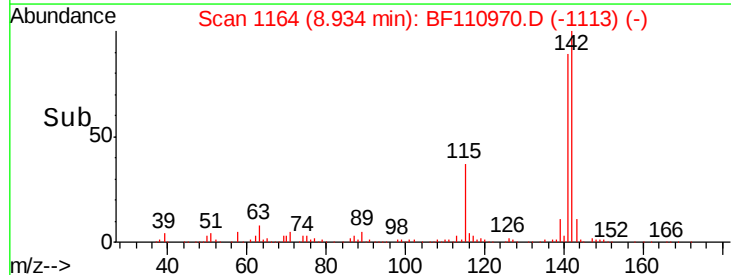
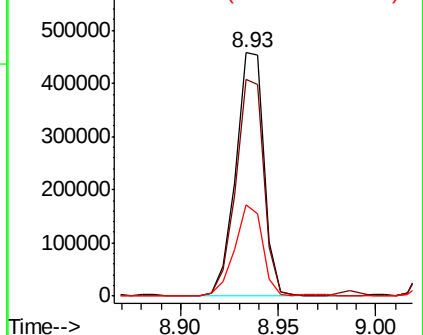


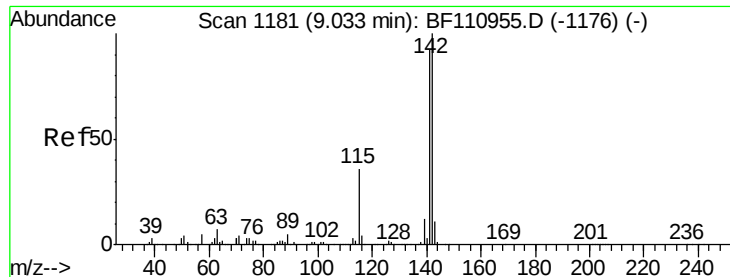
#37
2-Methylnaphthalene
Concen: 59.247 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:142 Resp: 456670
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 37.4 28.7 43.1



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

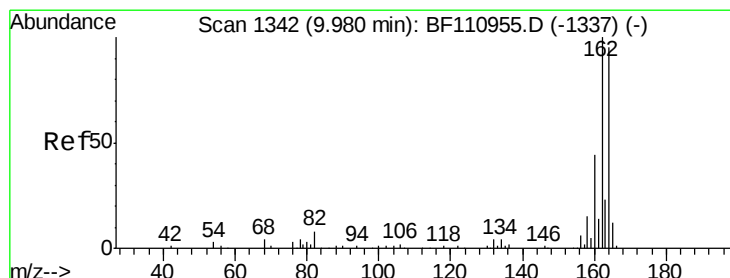
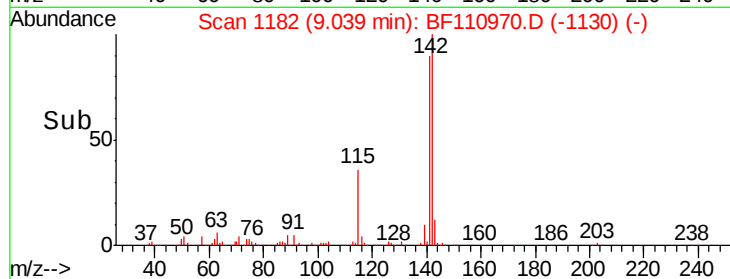
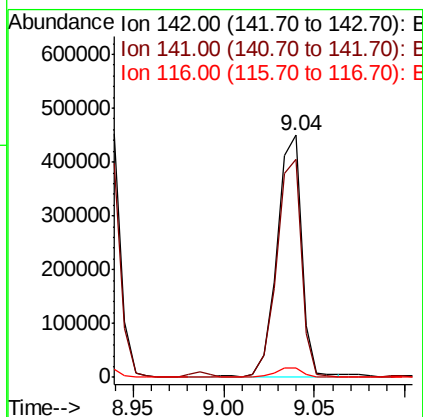
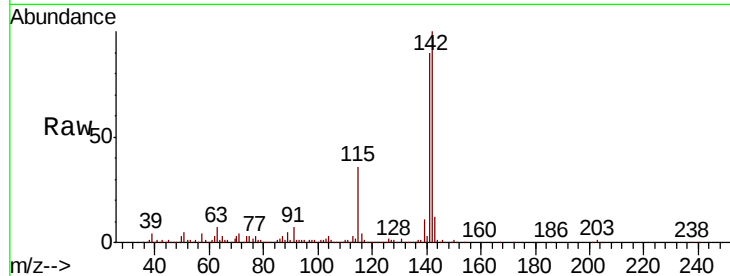




#38
1-Methylnaphthalene
Concen: 56.406 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

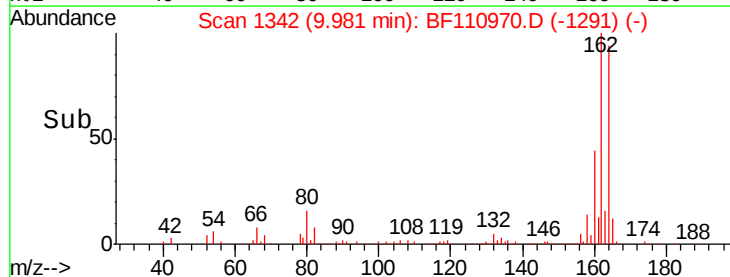
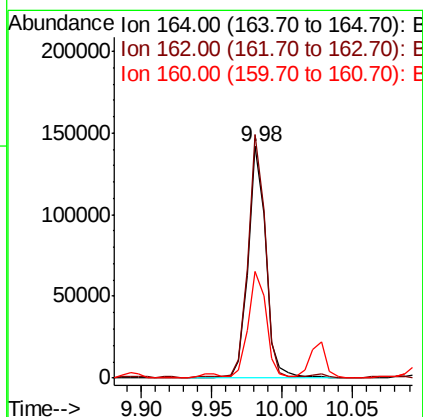
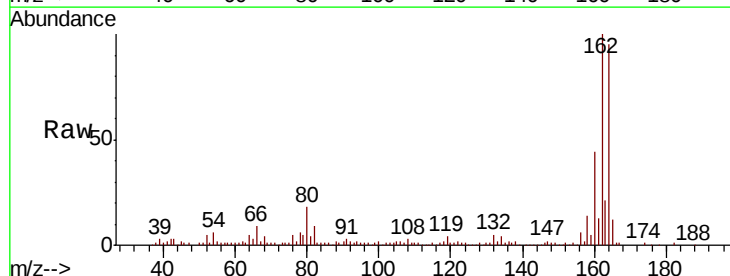
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

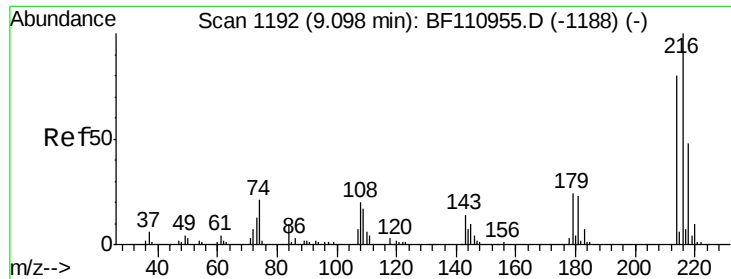
Tgt Ion:142 Resp: 422900
Ion Ratio Lower Upper
142 100
141 90.3 74.2 111.4
116 3.9 2.6 4.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:164 Resp: 123921
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.6
160 46.3 37.0 55.6

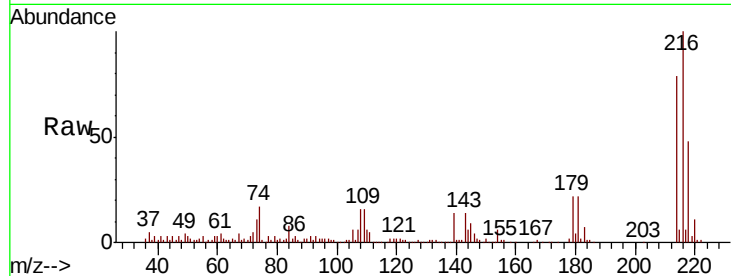




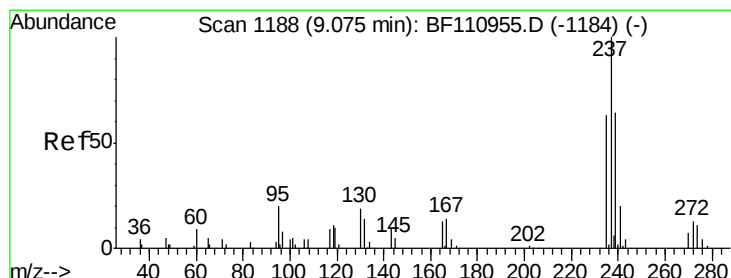
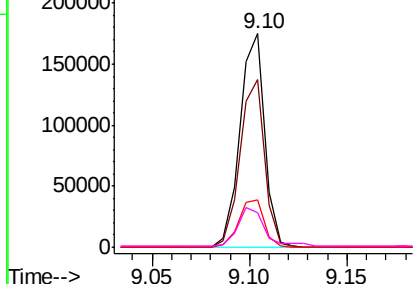
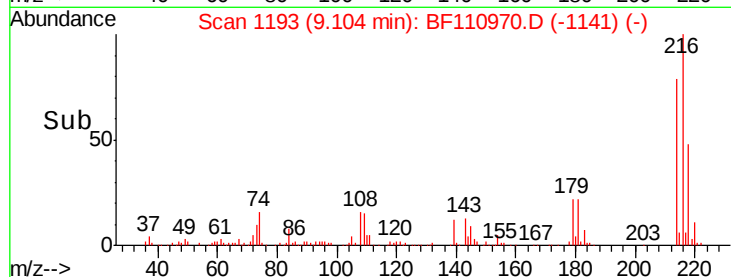
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.445 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion:	216	Resp:	153765
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	23.0	16.6	25.0
108	20.5	15.1	22.7

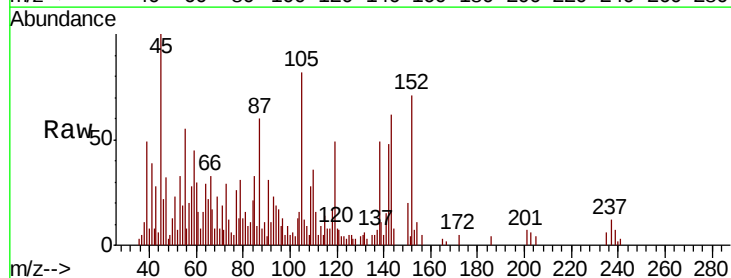


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

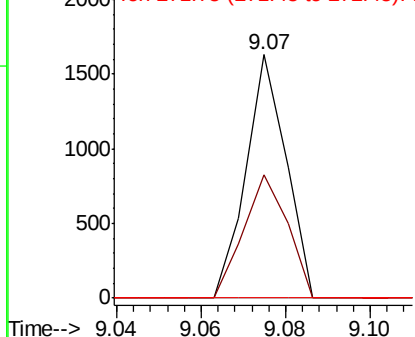
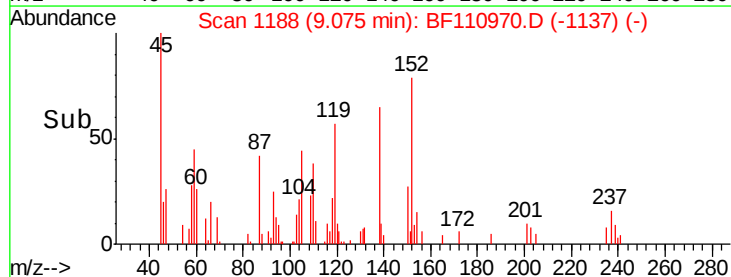


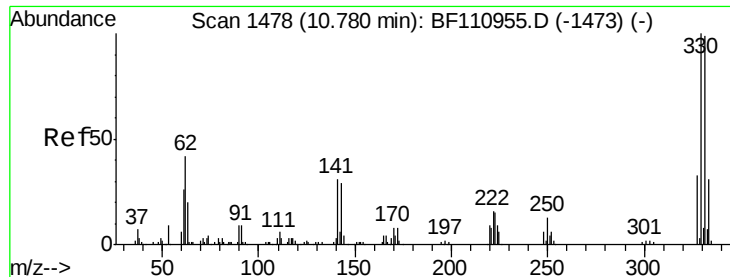
#41
 Hexachlorocyclopentadiene
 Concen: 13.447 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:	237	Resp:	1073
Ion	Ratio	Lower	Upper
237	100		
235	50.6	43.1	83.1
272	0.0	0.0	32.6



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

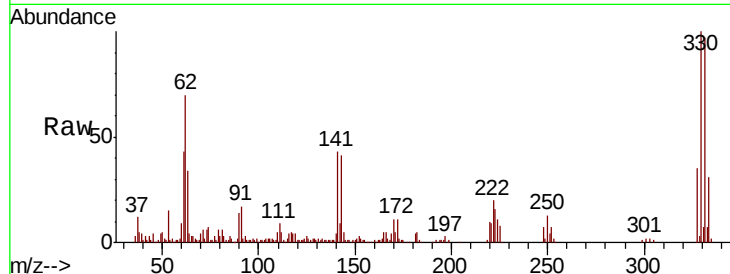




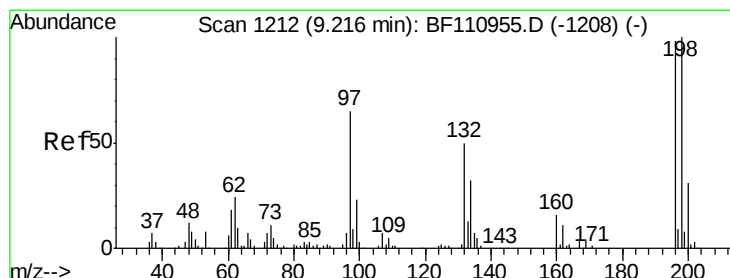
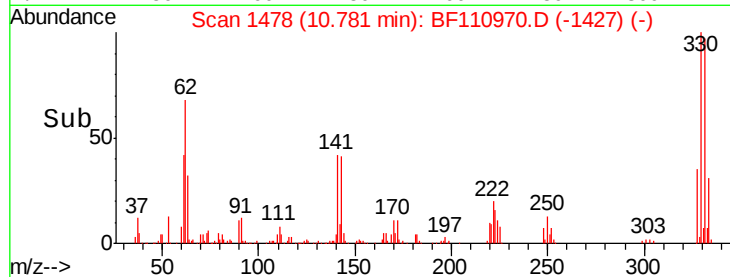
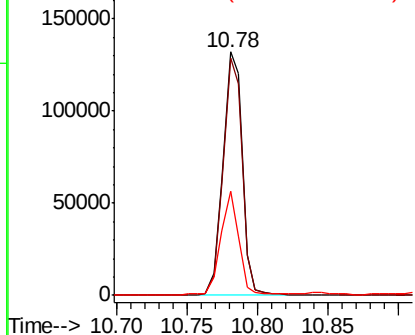
#42
 2,4,6-Tribromophenol
 Concen: 102.415 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion:330 Resp: 126042
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 39.0 27.0 40.4

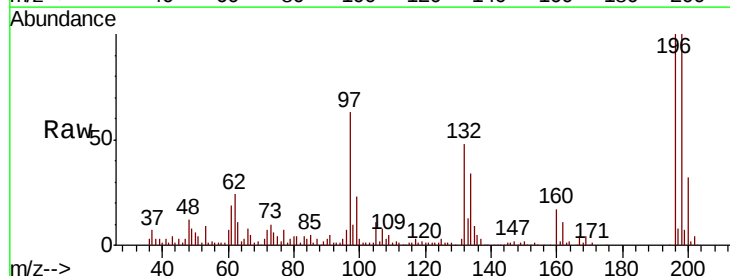


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

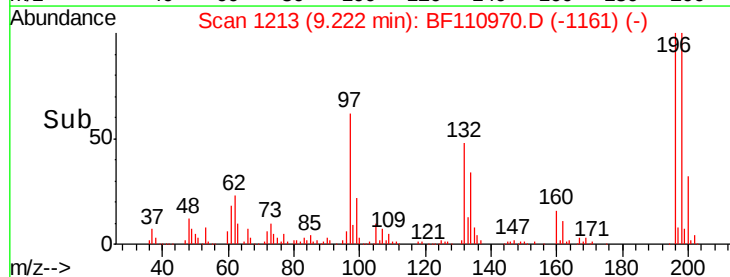
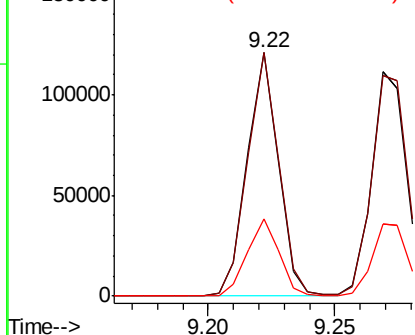


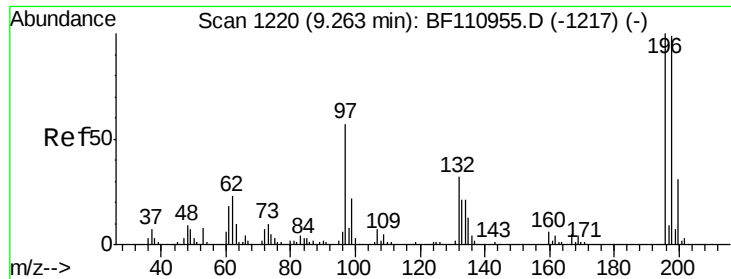
#43
 2,4,6-Trichlorophenol
 Concen: 45.078 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:196 Resp: 104951
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.2 114.4
 200 31.7 24.4 36.6



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

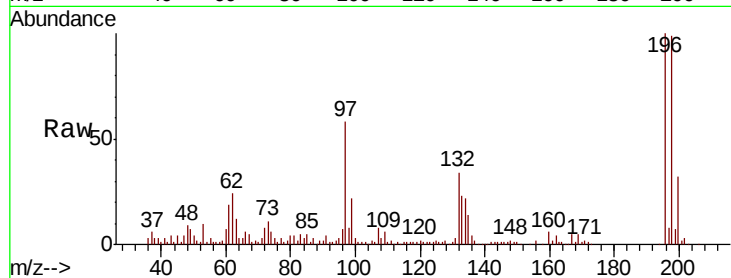




#44
 2,4,5-Trichlorophenol
 Concen: 45.398 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.8	113.6
97	58.3	42.4	63.6
132	34.1	22.8	34.2



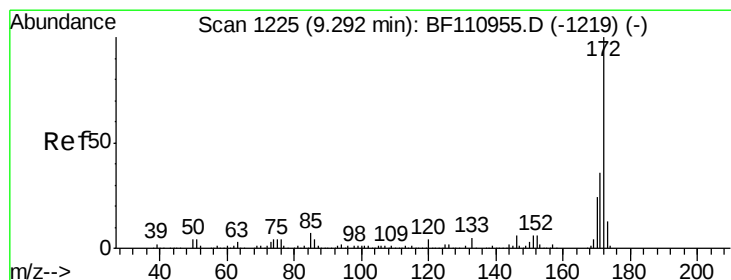
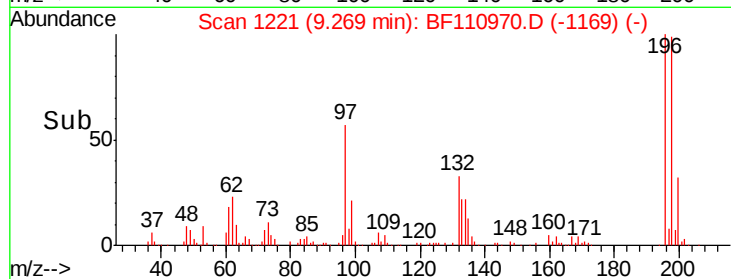
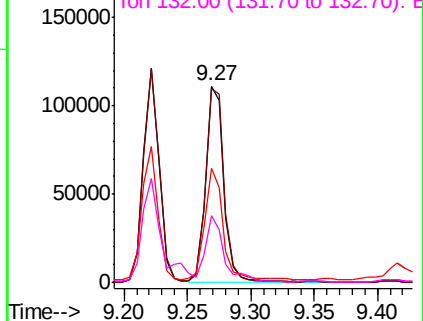
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

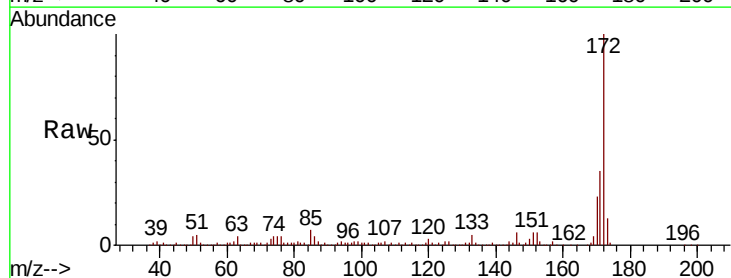
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.290 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.3	19.7	29.5

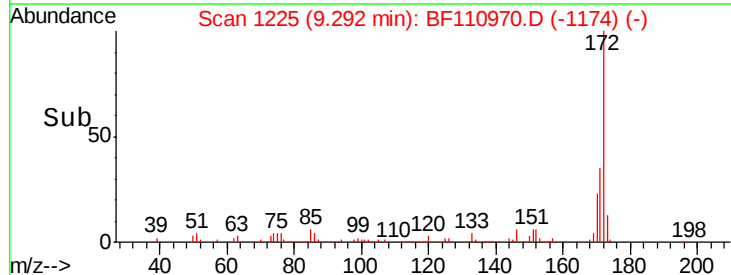
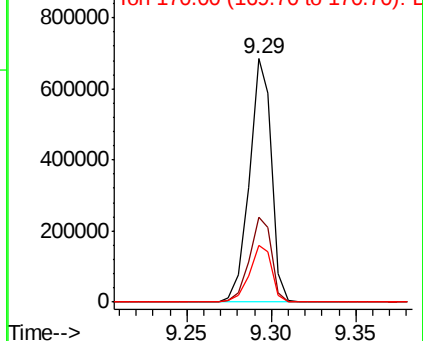


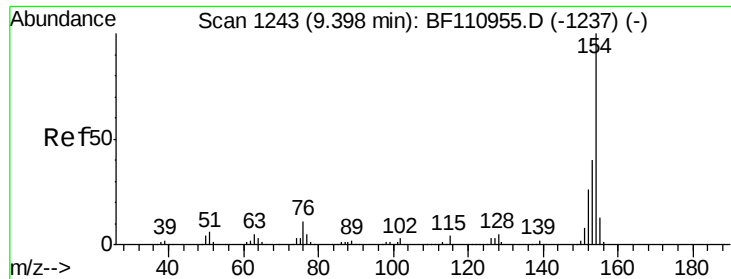
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

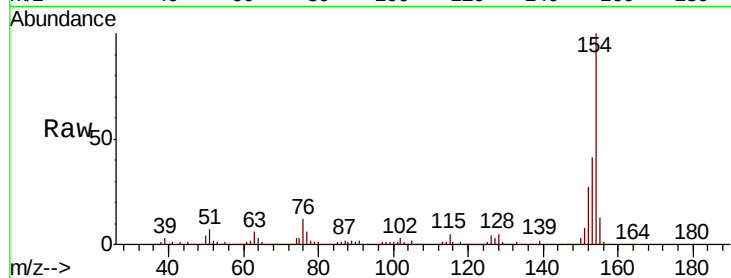




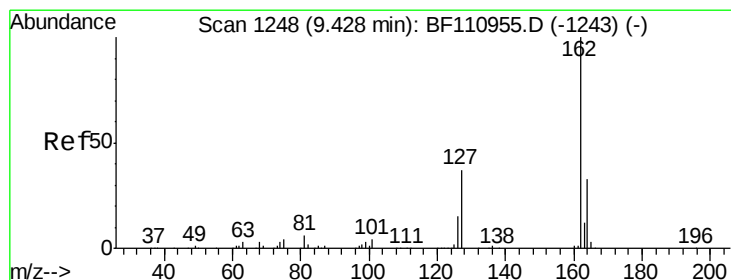
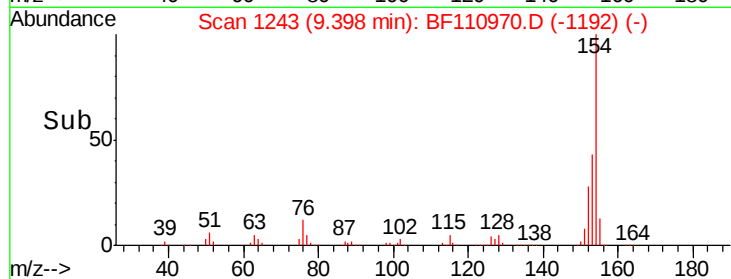
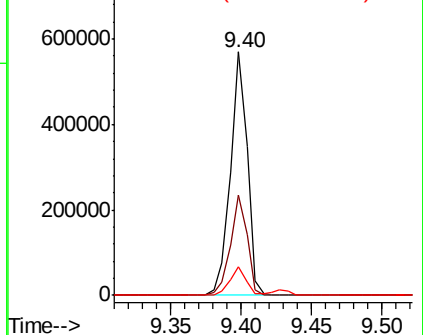
#46
 1,1'-Biphenyl
 Concen: 41.402 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.8	0.0	31.9

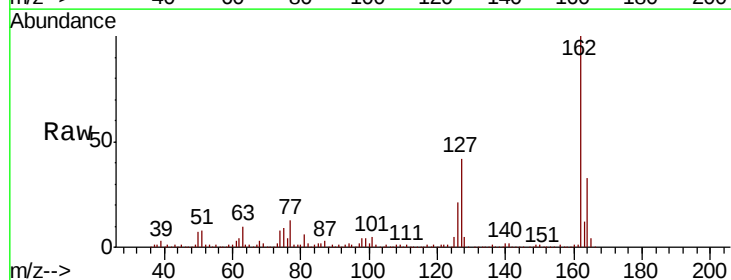


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

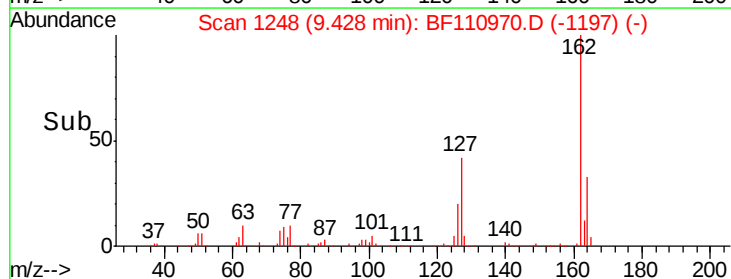
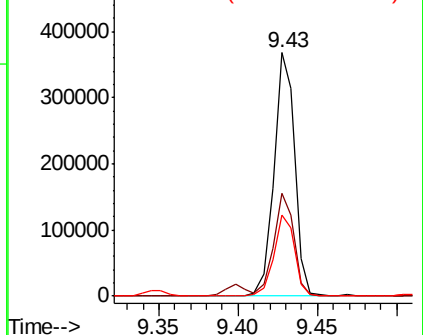


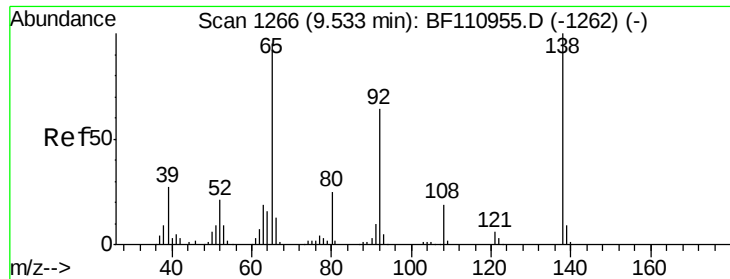
#47
 2-Chloronaphthalene
 Concen: 40.704 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.6	48.8
164	33.2	25.9	38.9



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

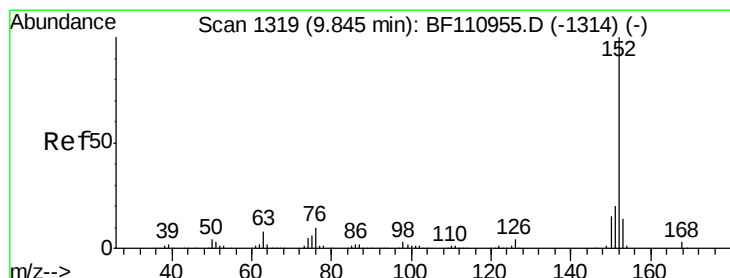
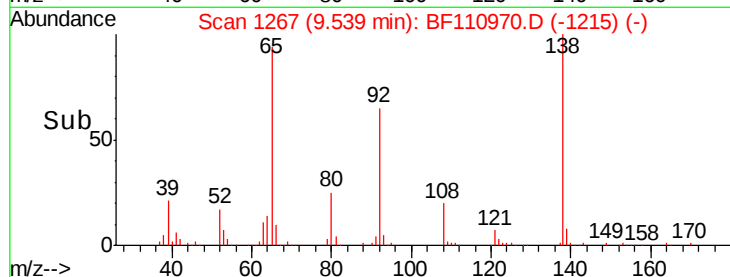
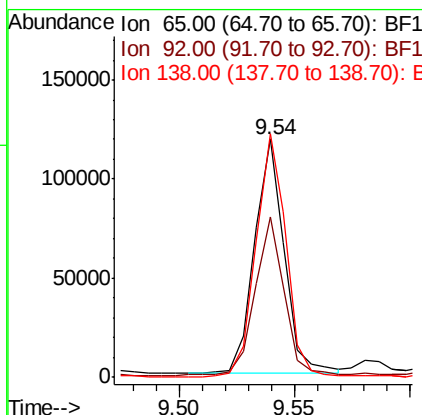
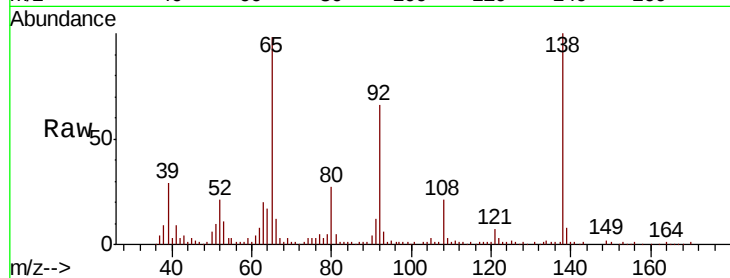




#48
 2-Nitroaniline
 Concen: 40.680 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

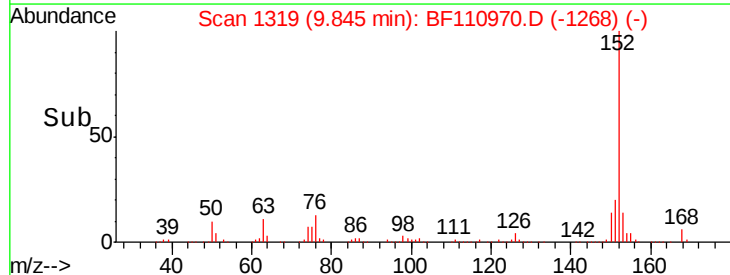
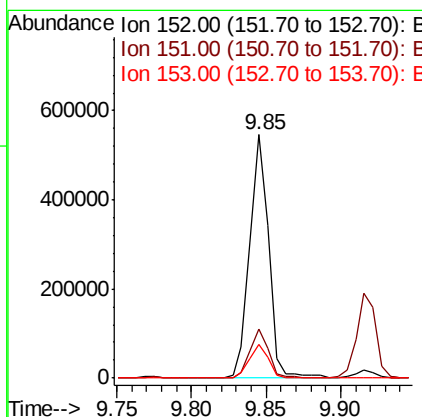
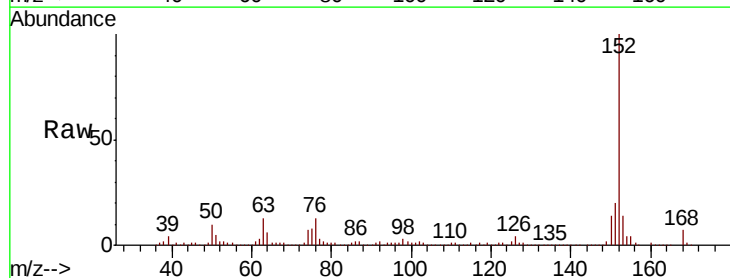
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

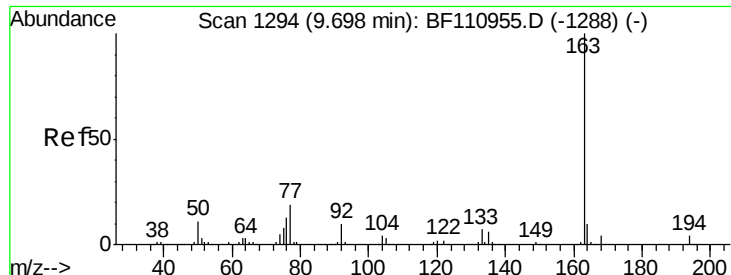
Tgt Ion:	65	Resp:	105401
Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.6	81.8
138	102.3	80.3	120.5



#49
 Acenaphthylene
 Concen: 40.585 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:	152	Resp:	478060
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	14.0	10.4	15.6

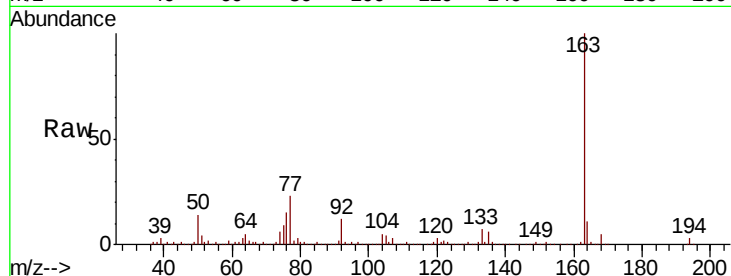




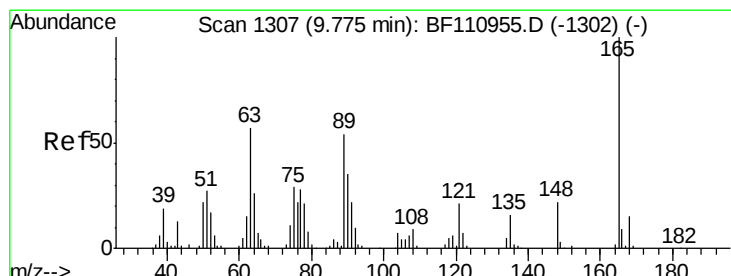
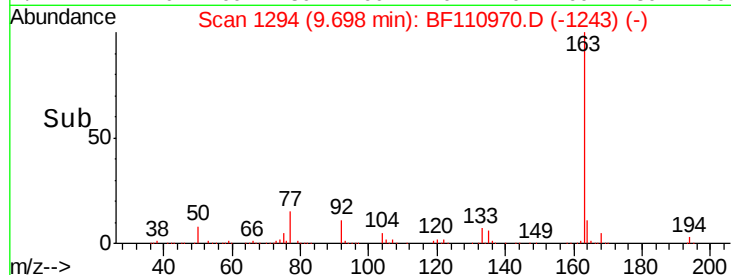
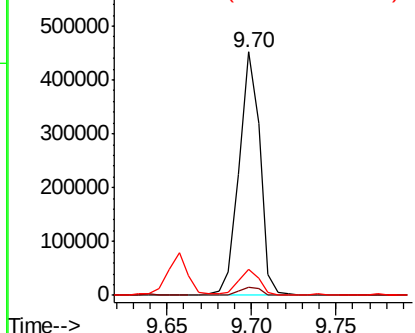
#50
Dimethylphthalate
Concen: 42.737 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.8	8.1	12.1

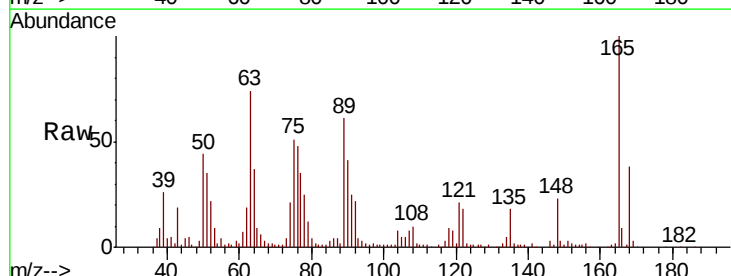


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

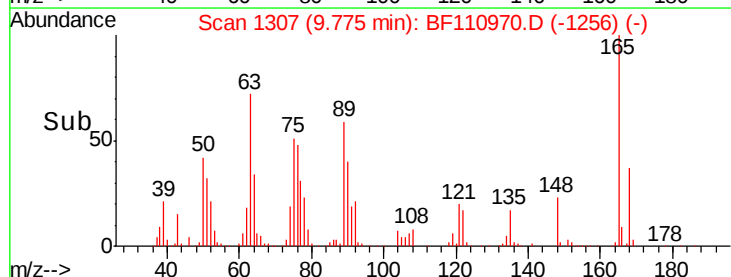
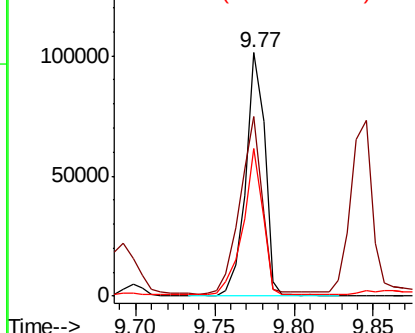


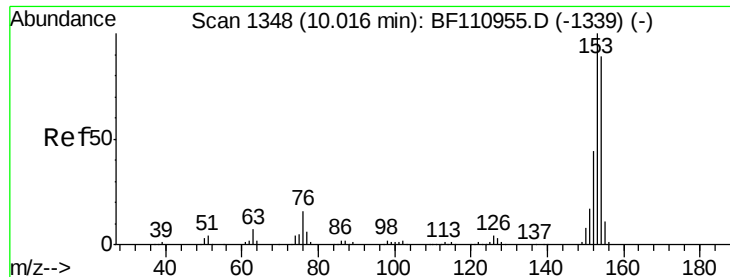
#51
2,6-Dinitrotoluene
Concen: 42.075 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.0	48.9	73.3#
89	60.6	46.6	69.8



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





#52

Acenaphthene

Concen: 41.802 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

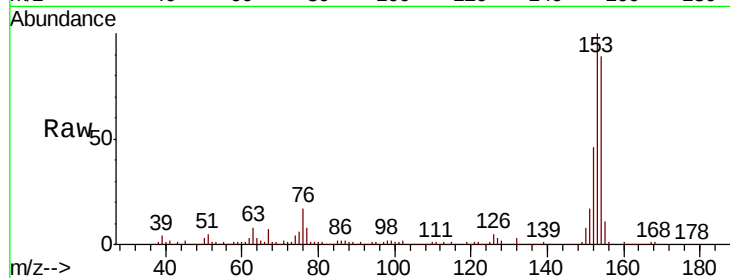
Tgt Ion:154 Resp: 315656

Ion Ratio Lower Upper

154 100

153 112.2 90.1 135.1

152 51.7 43.4 65.2

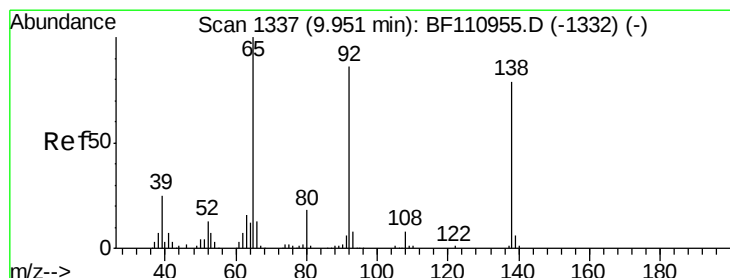
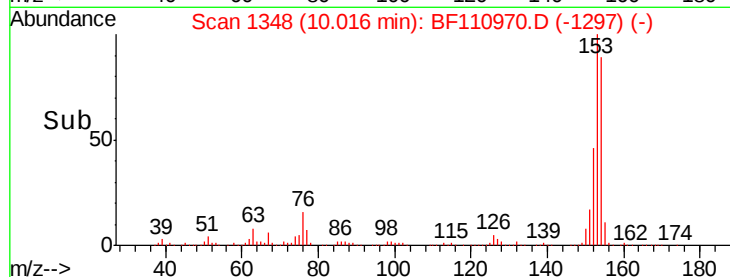
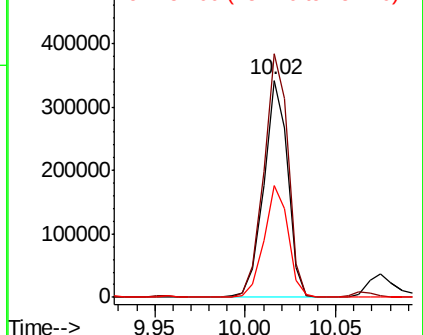


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 9.456 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

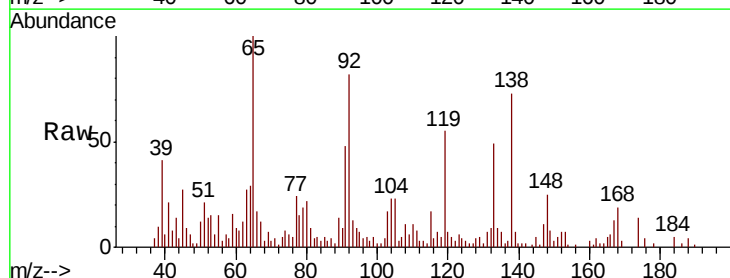
Tgt Ion:138 Resp: 22299

Ion Ratio Lower Upper

138 100

108 15.5 8.7 13.1#

92 112.7 97.0 145.4

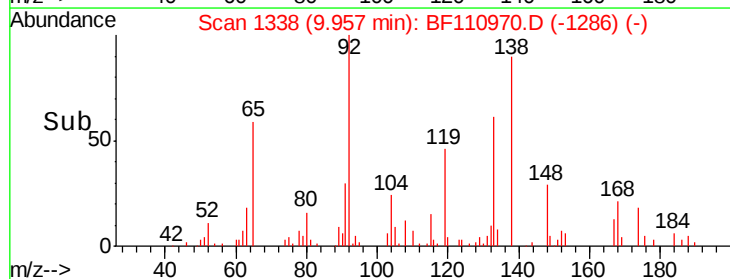
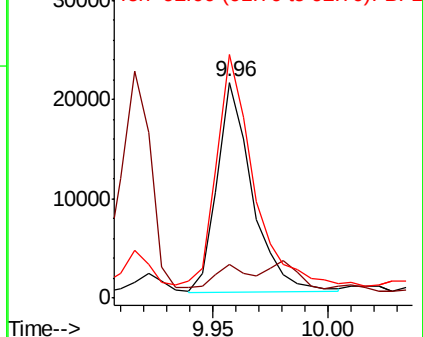


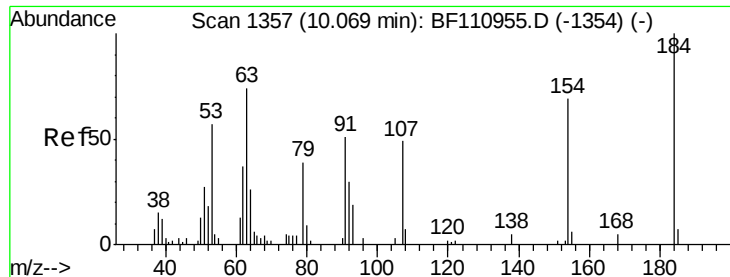
Abundance

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

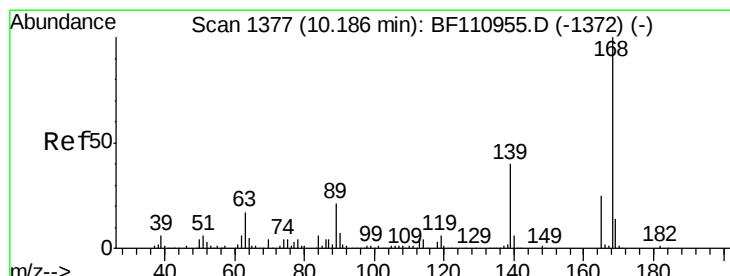
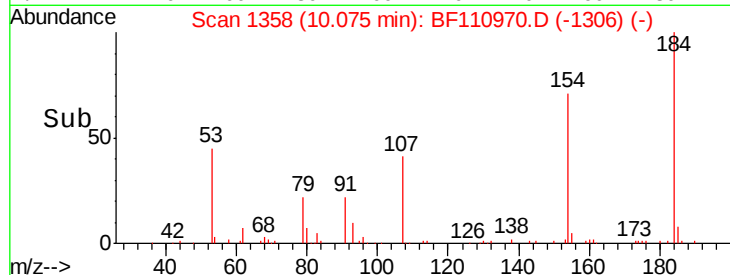
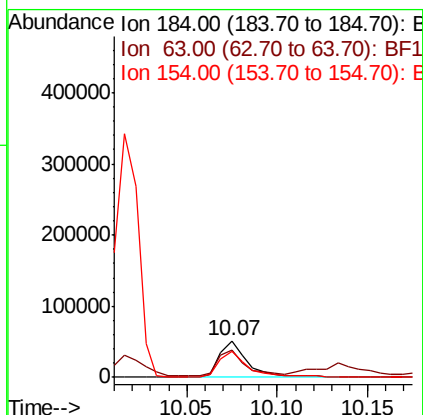
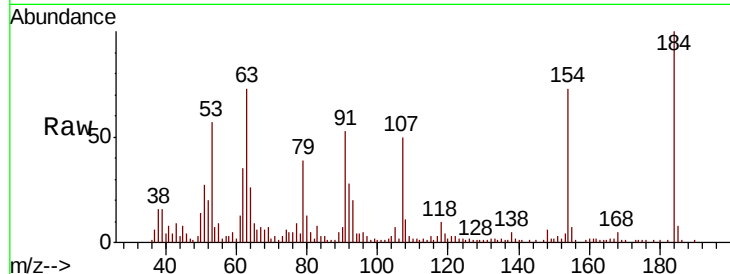




#54
 2,4-Dinitrophenol
 Concen: 78.785 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

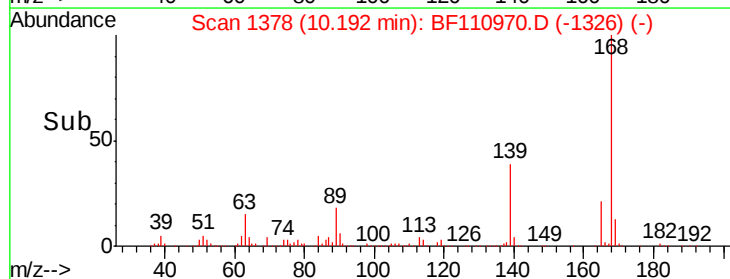
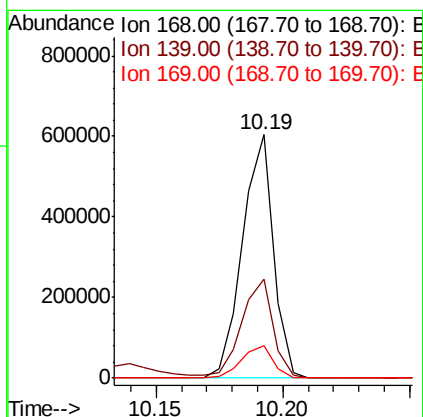
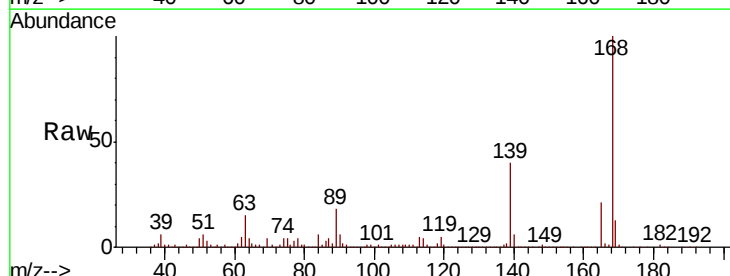
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

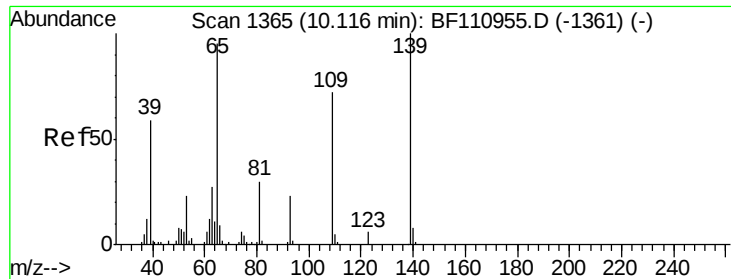
Tgt Ion:184 Resp: 56277
 Ion Ratio Lower Upper
 184 100
 63 73.3 55.8 83.6
 154 72.9 63.2 94.8



#55
 Dibenzofuran
 Concen: 46.500 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:168 Resp: 512254
 Ion Ratio Lower Upper
 168 100
 139 40.4 33.0 49.6
 169 13.2 11.3 16.9

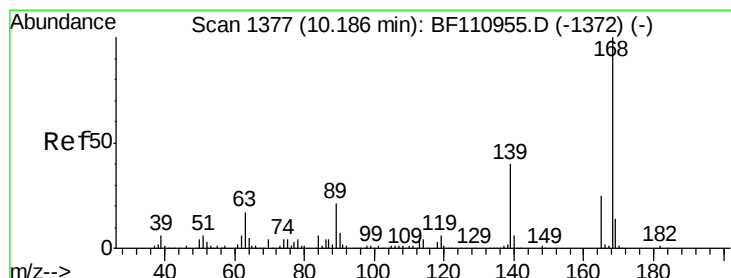
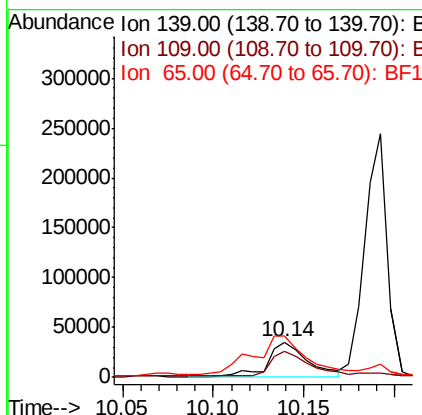
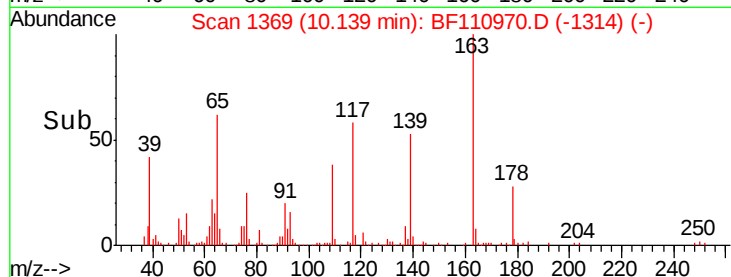
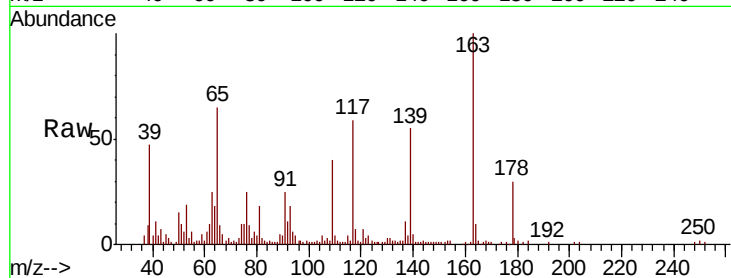




#56
4-Nitrophenol
Concen: 42.595 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

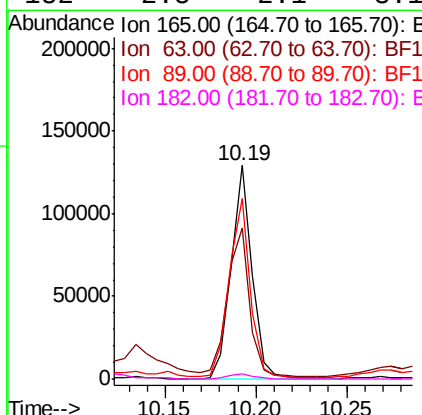
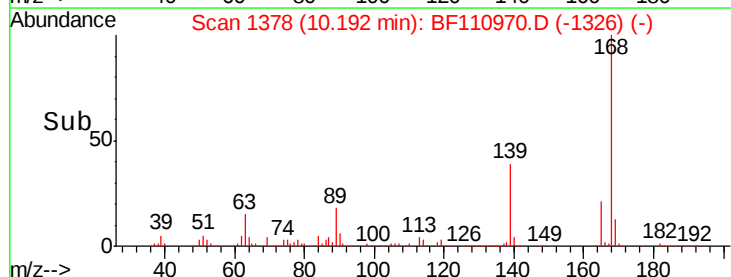
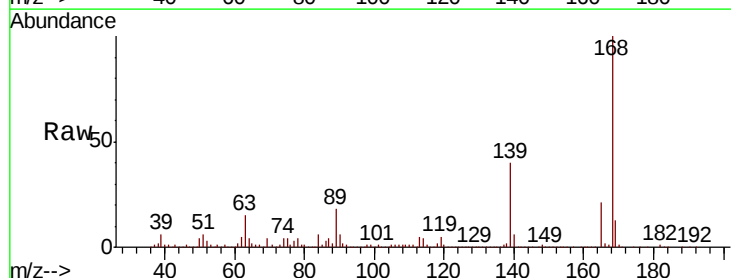
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

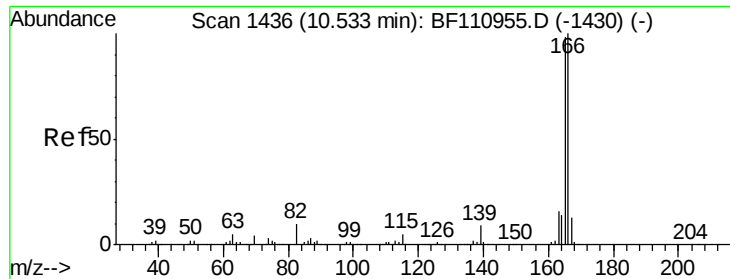
Tgt Ion:139 Resp: 53095
Ion Ratio Lower Upper
139 100
109 71.9 55.8 95.8
65 117.9 77.9 117.9



#57
2,4-Dinitrotoluene
Concen: 39.937 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:165 Resp: 104835
Ion Ratio Lower Upper
165 100
63 70.4 44.8 67.2#
89 84.4 62.2 93.4
182 2.5 2.1 3.1

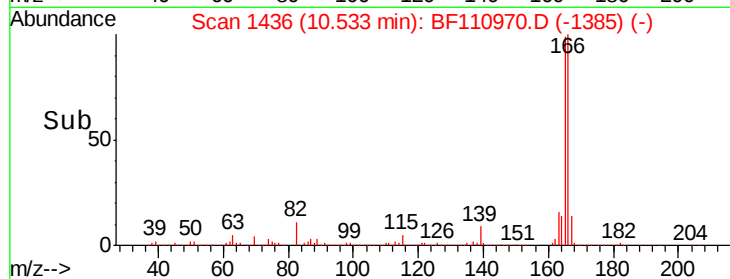
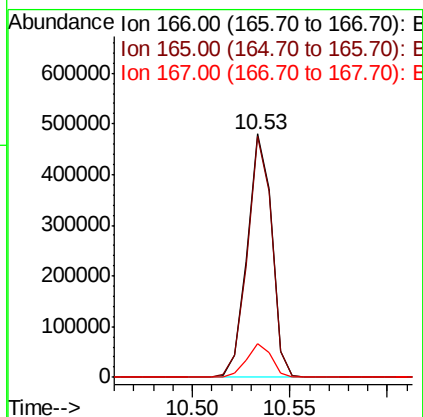
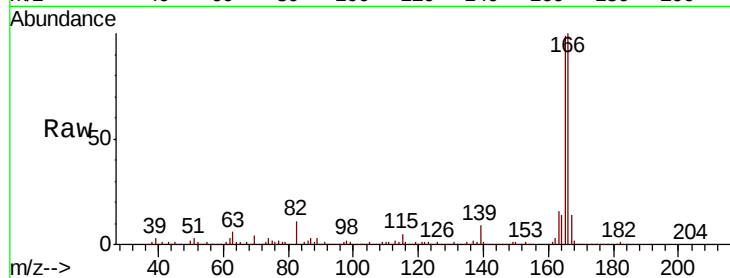




#58
 Fluorene
 Concen: 48.910 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

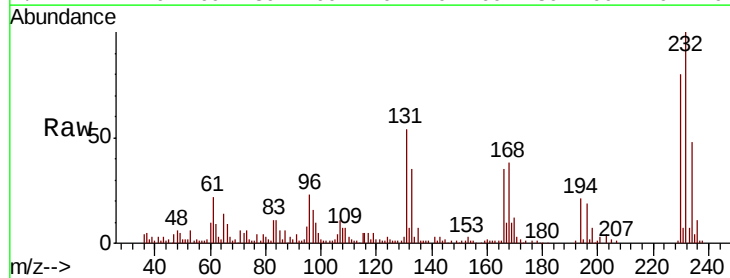
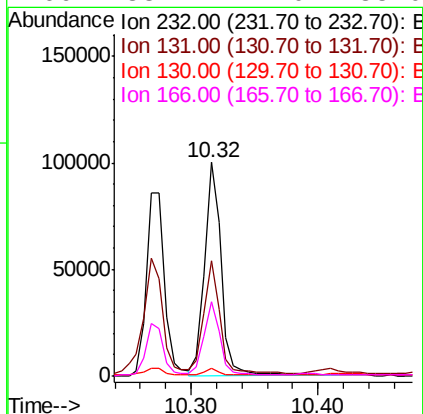
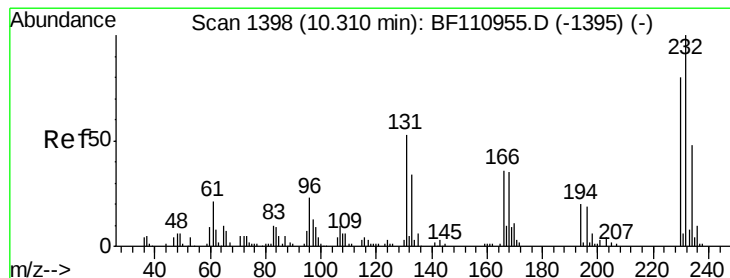
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

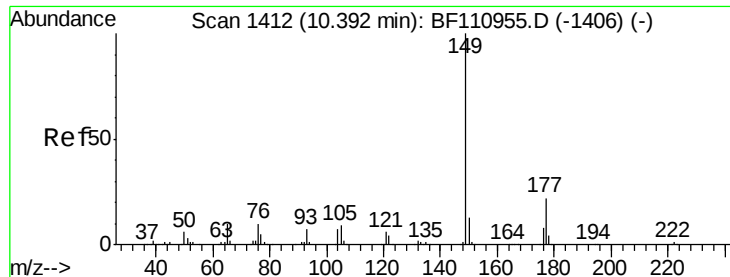
Tgt Ion:166 Resp: 419213
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.6 117.8
 167 13.7 10.8 16.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.408 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:232 Resp: 91356
 Ion Ratio Lower Upper
 232 100
 131 51.6 37.0 55.4
 130 3.4 1.8 2.6#
 166 33.7 22.0 33.0#

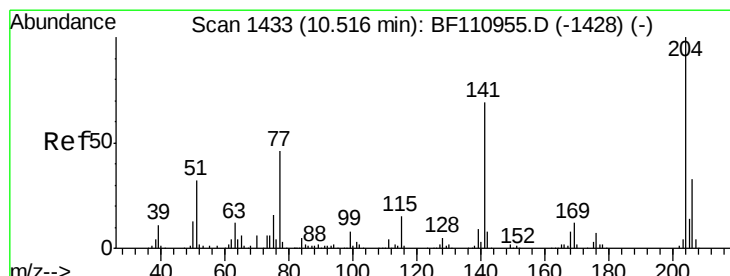
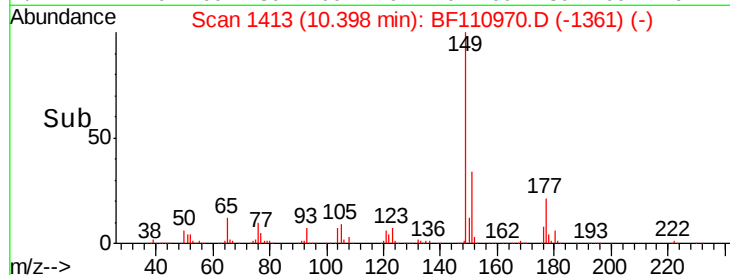
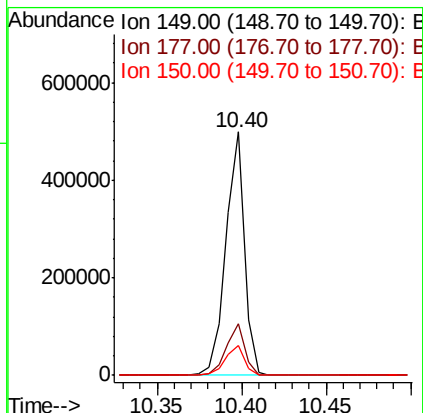
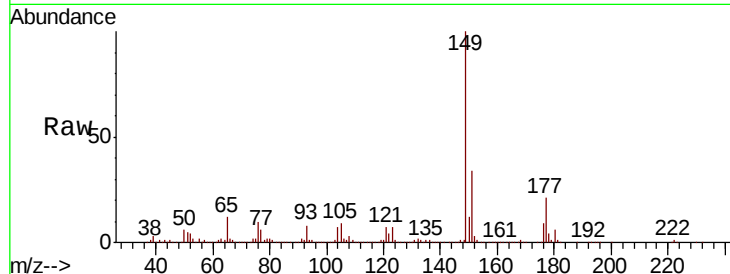




#60
Diethylphthalate
Concen: 40.555 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

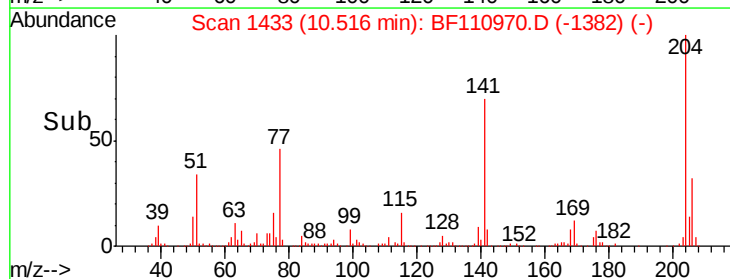
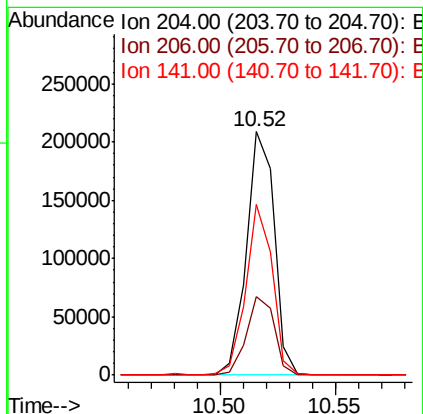
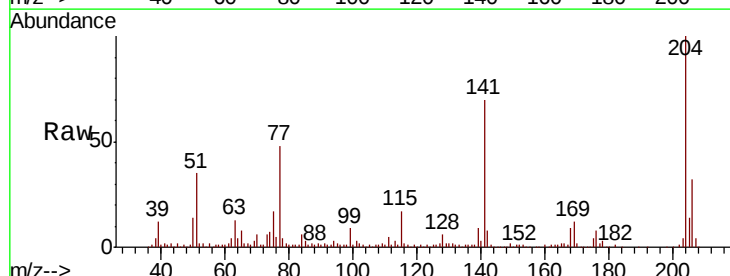
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

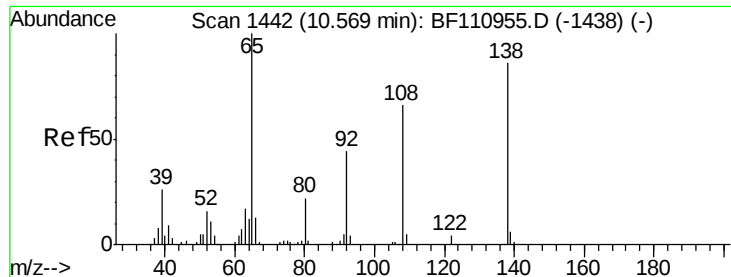
Tgt Ion:149 Resp: 380089
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.4 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 39.365 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:204 Resp: 176476
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 70.1 51.8 77.8

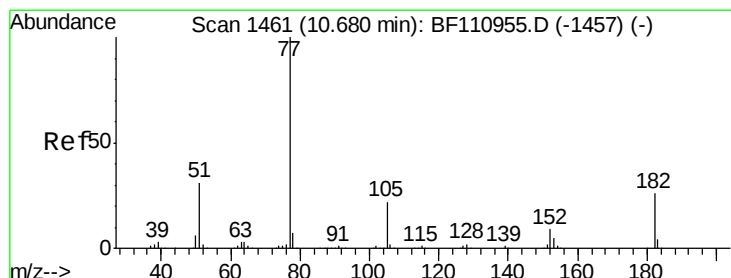
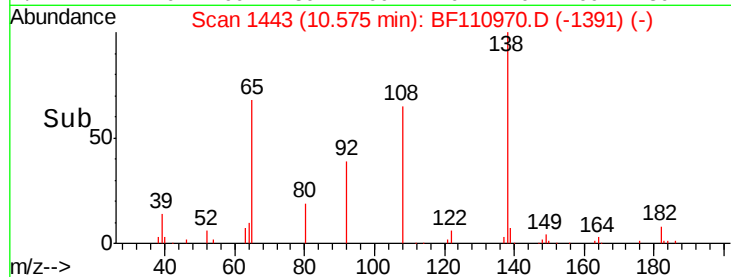
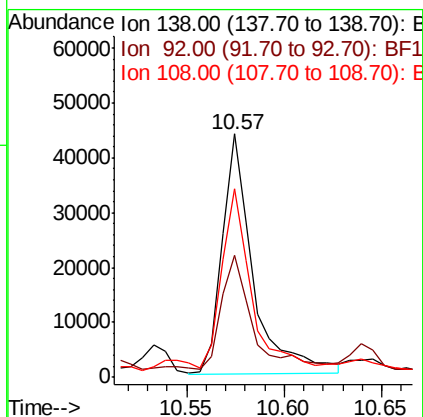
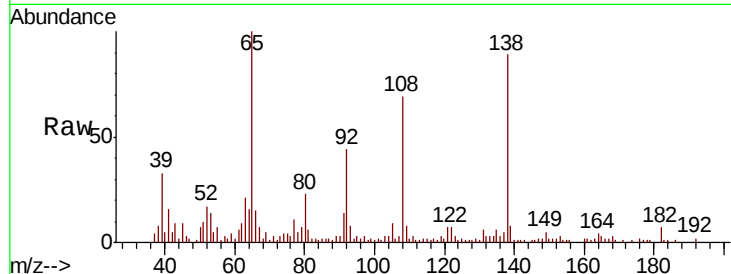




#62
4-Nitroaniline
Concen: 22.057 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

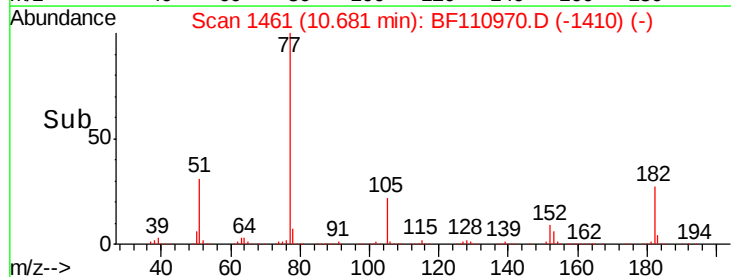
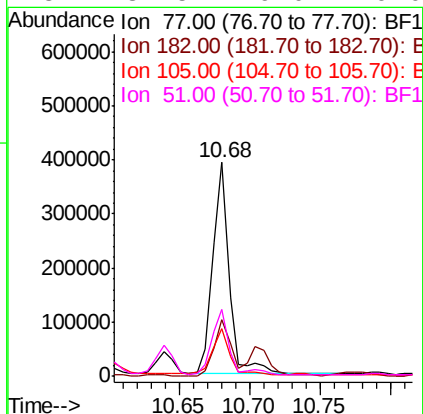
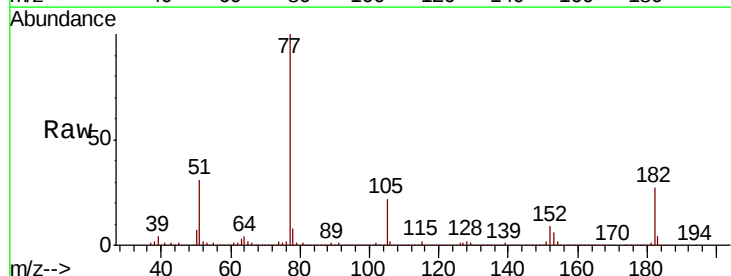
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

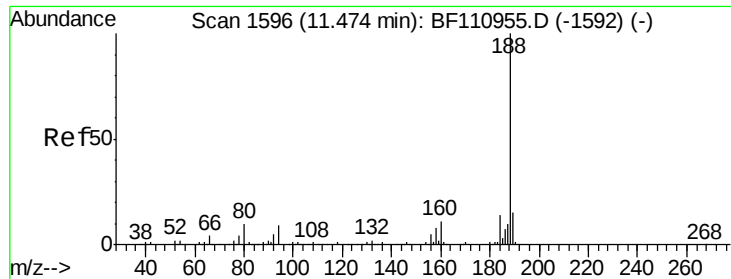
Tgt Ion: 138 Resp: 48428
Ion Ratio Lower Upper
138 100
92 49.9 31.7 71.7
108 77.3 59.3 99.3



#63
Azobenzene
Concen: 34.896 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion: 77 Resp: 318773
Ion Ratio Lower Upper
77 100
182 26.5 4.3 44.3
105 22.4 1.3 41.3
51 31.5 9.0 49.0

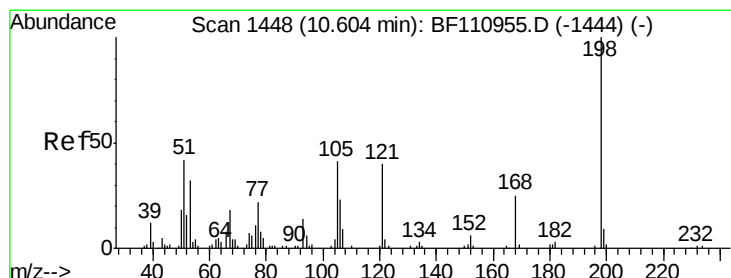
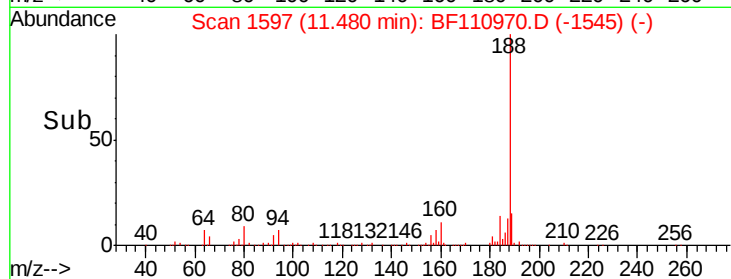
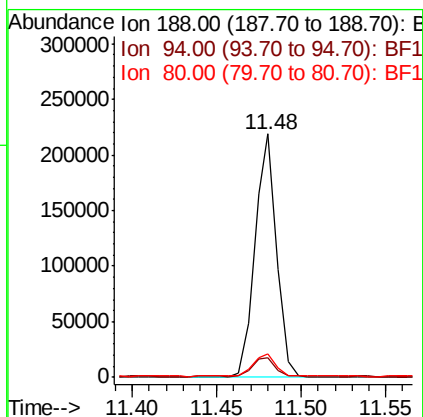
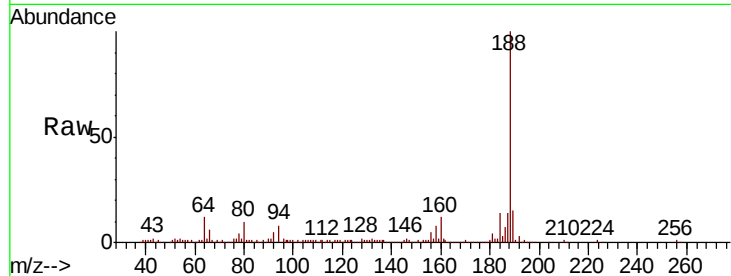




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

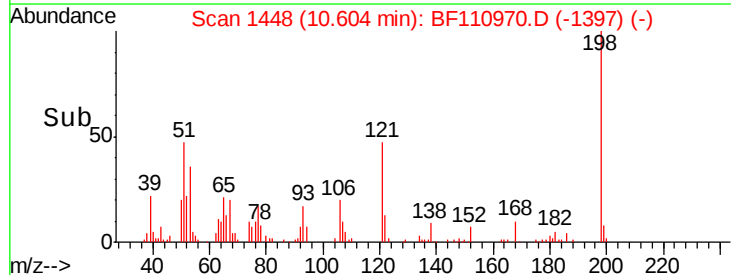
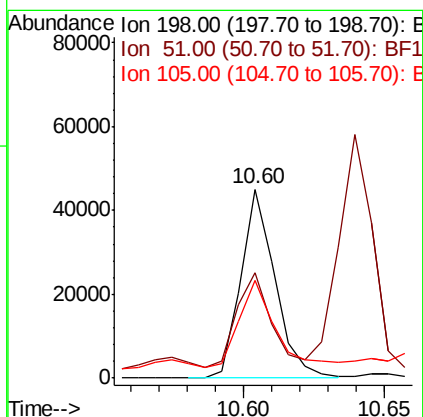
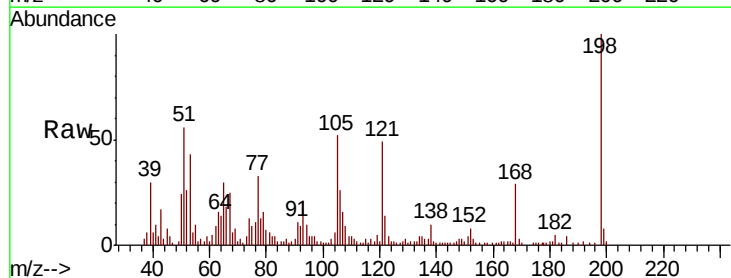
Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

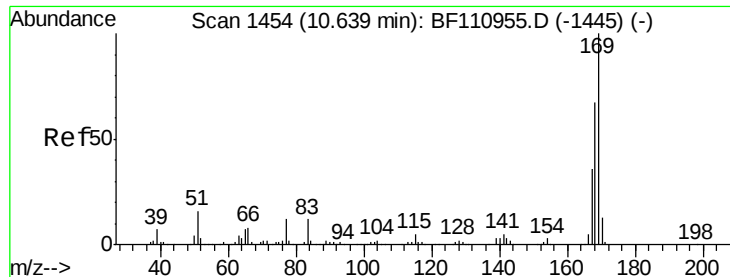
Tgt Ion:188 Resp: 195092
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 9.5 7.9 11.9



#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.215 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:198 Resp: 38035
 Ion Ratio Lower Upper
 198 100
 51 55.6 22.8 62.8
 105 51.6 23.6 63.6





#66

n-Nitrosodiphenylamine

Concen: 46.647 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

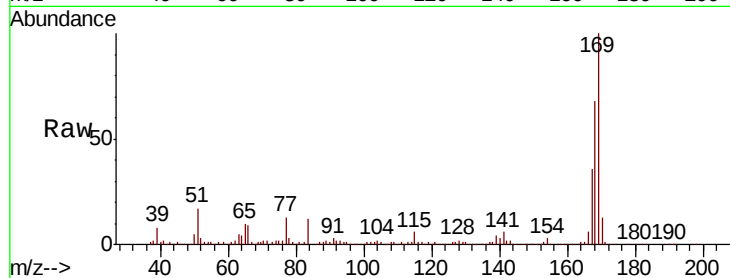
Tgt Ion:169 Resp: 302949

Ion Ratio Lower Upper

169 100

168 67.6 51.2 76.8

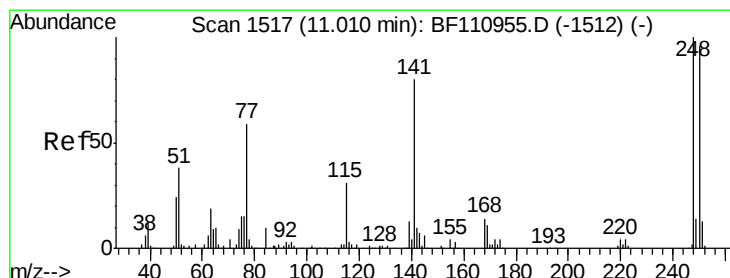
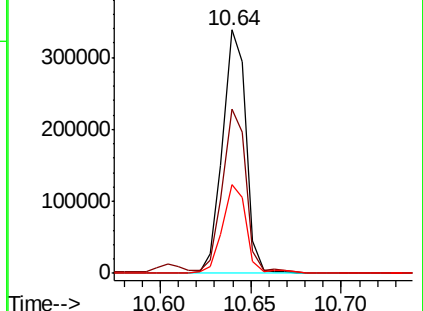
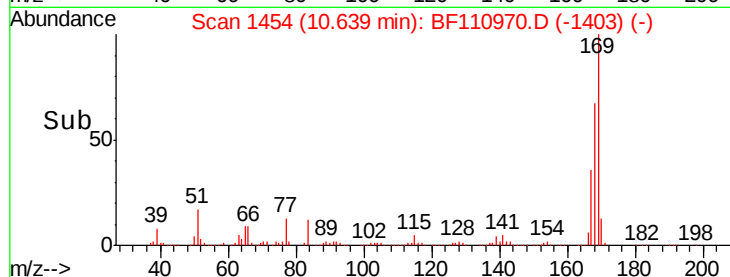
167 36.3 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 46.438 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

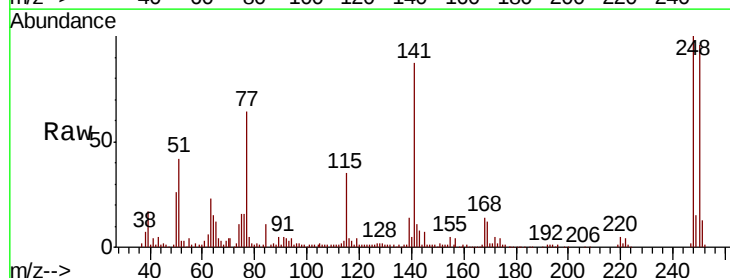
Tgt Ion:248 Resp: 98667

Ion Ratio Lower Upper

248 100

250 95.6 79.4 119.2

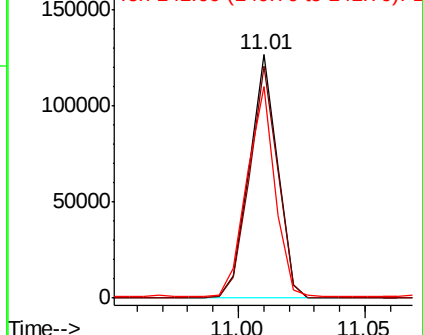
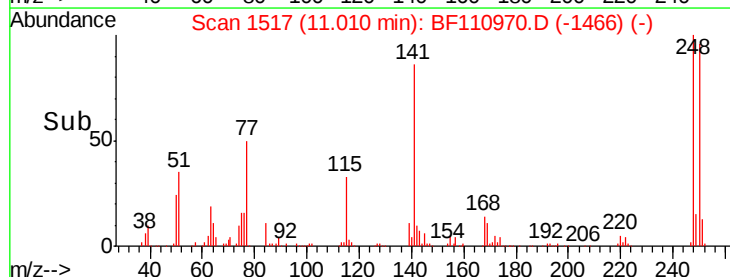
141 86.9 55.9 83.9#

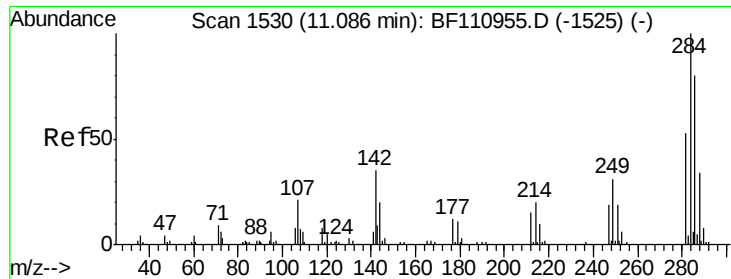


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

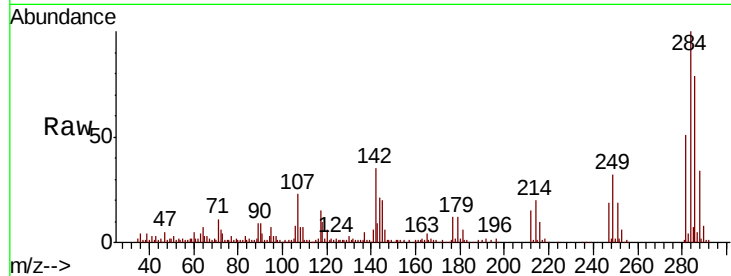




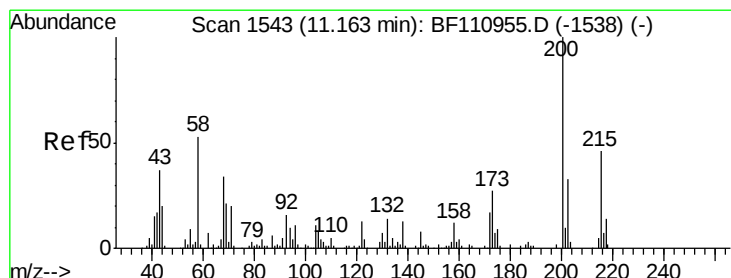
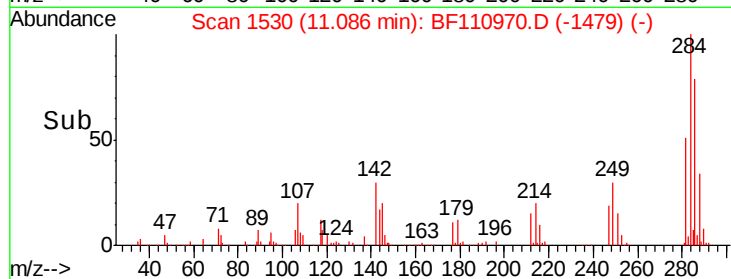
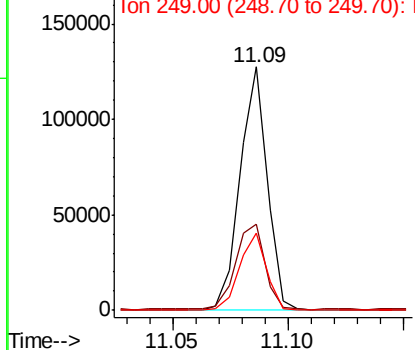
#68
Hexachlorobenzene
Concen: 46.284 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	23.9	35.9
249	31.7	24.2	36.2

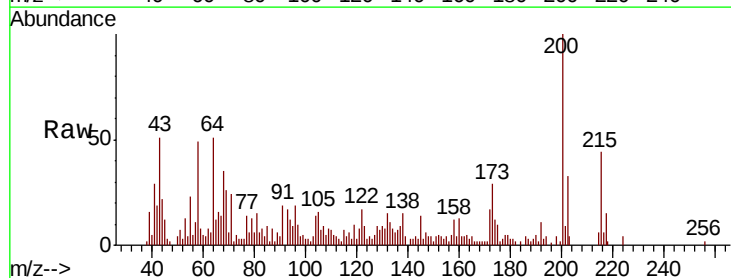


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

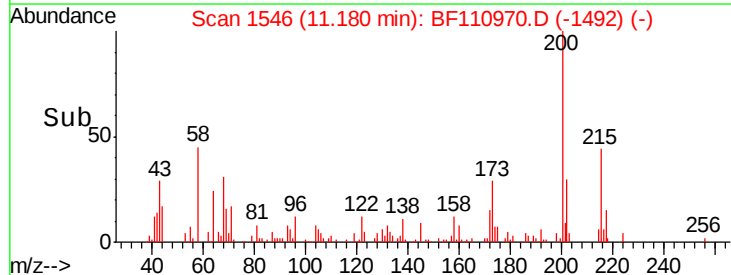
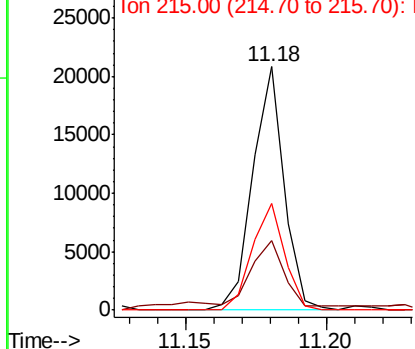


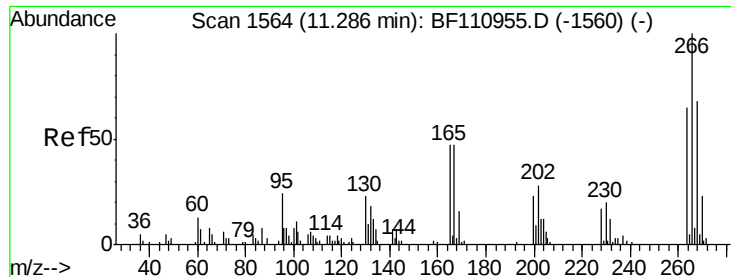
#69
Atrazine
Concen: 7.762 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.6	46.6
215	43.9	26.3	66.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

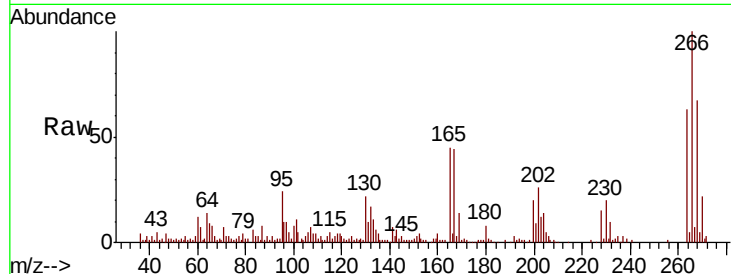




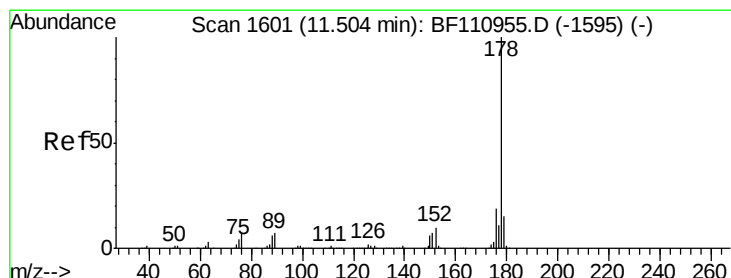
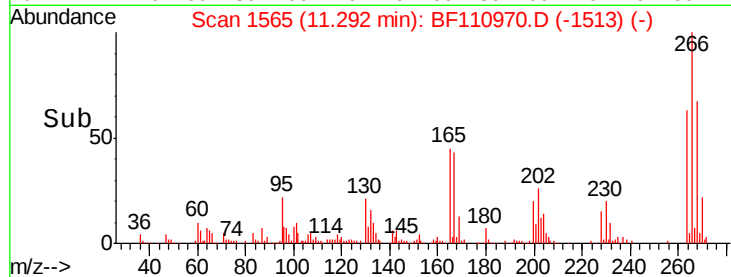
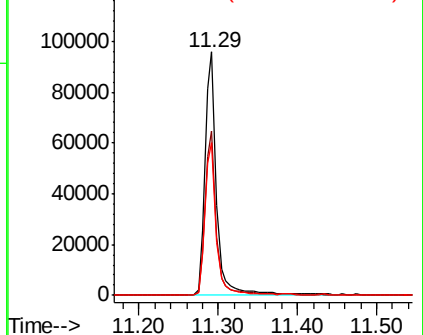
#70
 Pentachlorophenol
 Concen: 110.502 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion:266 Resp: 99494
 Ion Ratio Lower Upper
 266 100
 268 67.3 50.6 75.8
 264 62.7 50.6 75.8

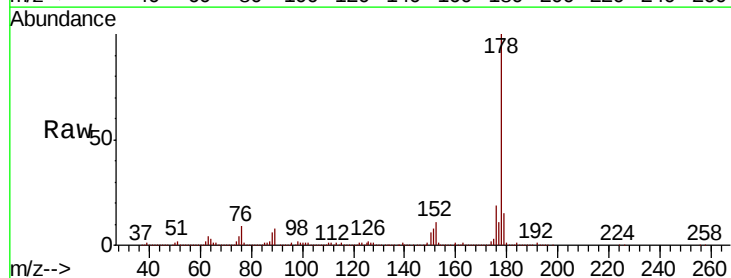


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

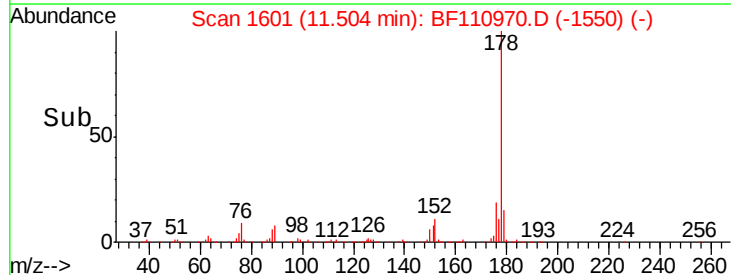
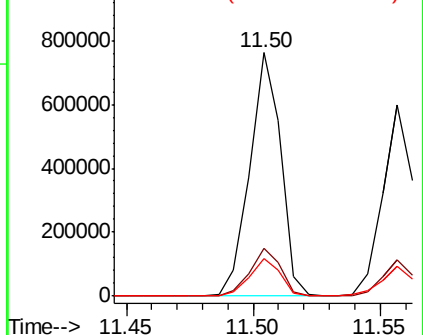


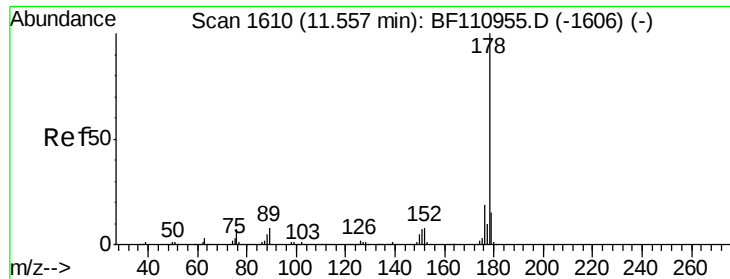
#71
 Phenanthrene
 Concen: 62.780 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:178 Resp: 648678
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.4 12.5 18.7



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

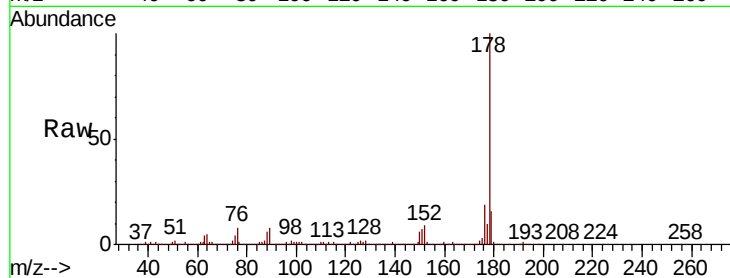




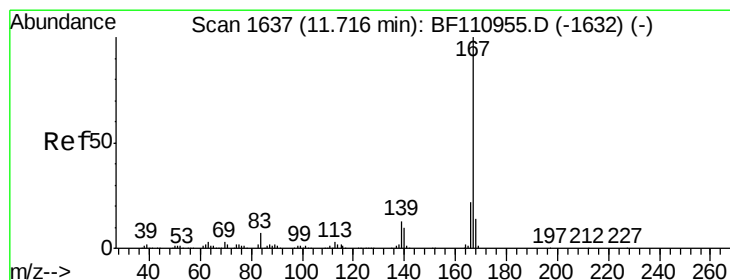
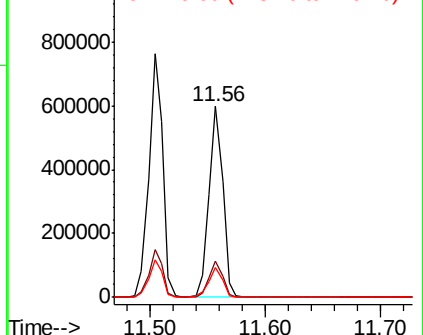
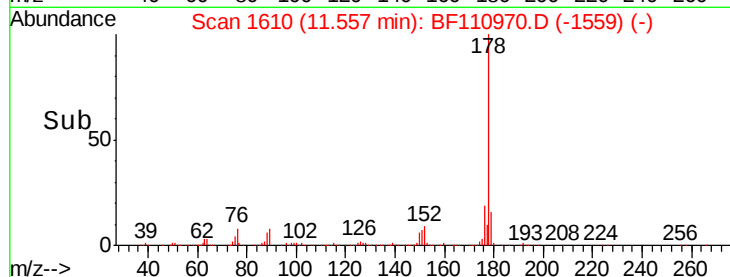
#72
 Anthracene
 Concen: 47.470 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tgt Ion:178 Resp: 499516
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.9 12.6 18.8

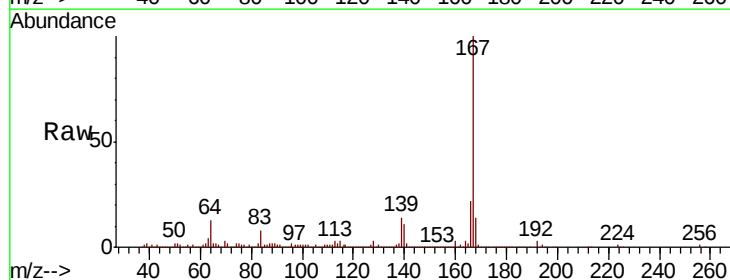


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

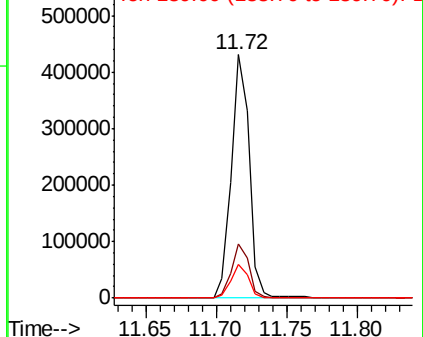
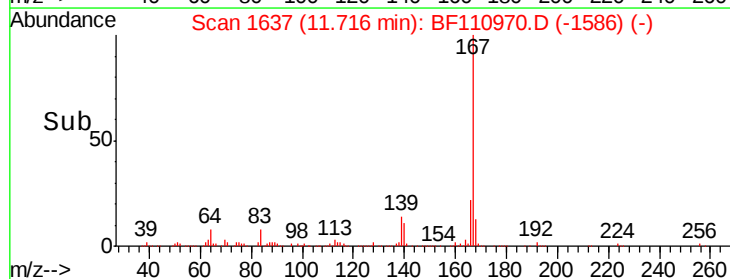


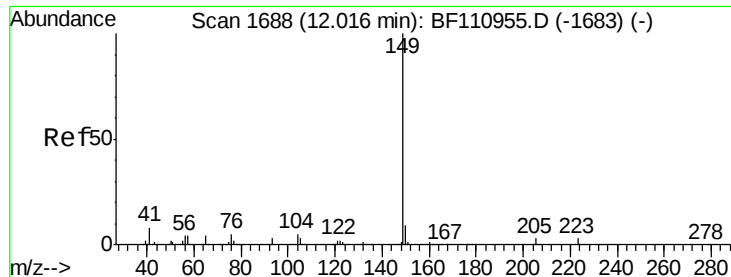
#73
 Carbazole
 Concen: 37.257 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:167 Resp: 380522
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.9 10.9 16.3



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: 44.413 ng

RT: 12.02 min Scan# 1689

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

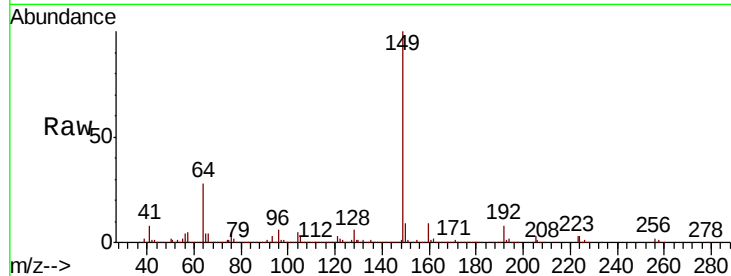
Tgt Ion:149 Resp: 530359

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

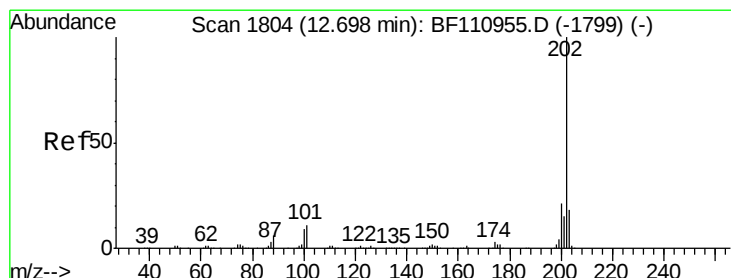
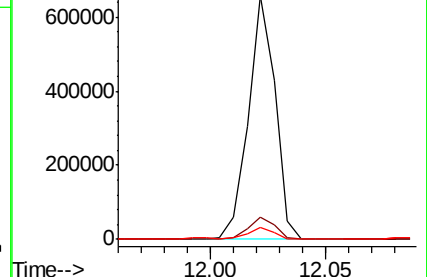
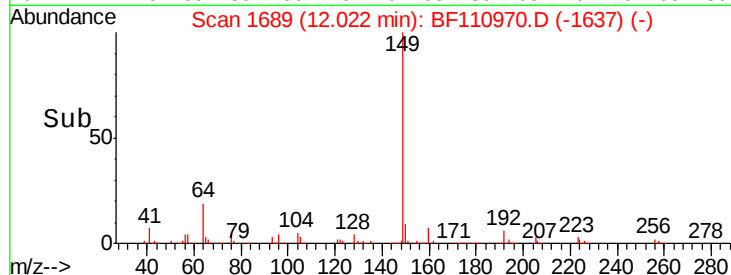
104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 40.637 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

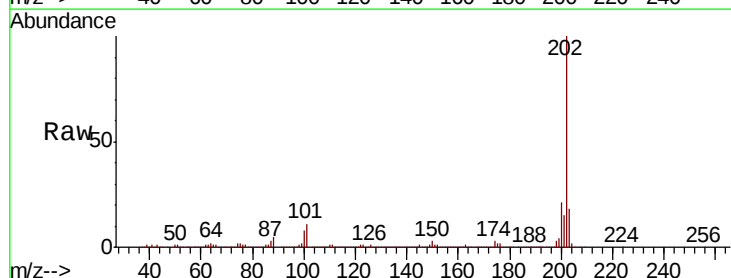
Tgt Ion:202 Resp: 431555

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

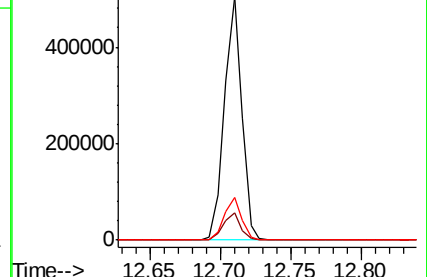
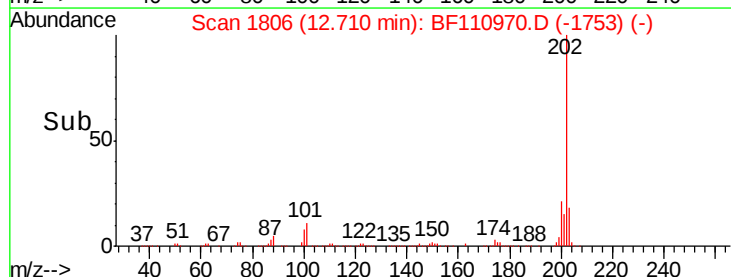
203 17.6 0.0 37.7

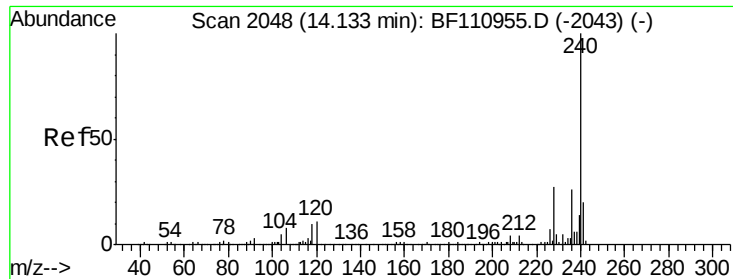


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

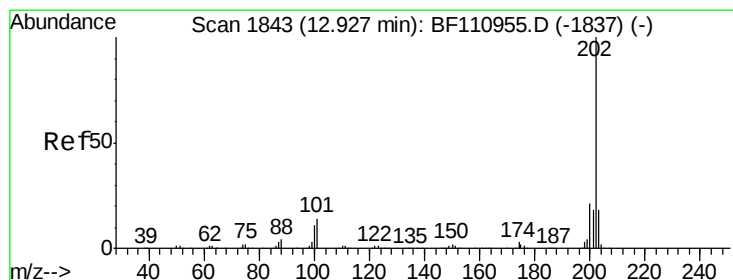
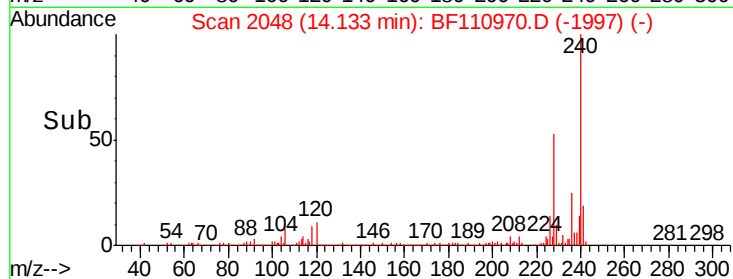
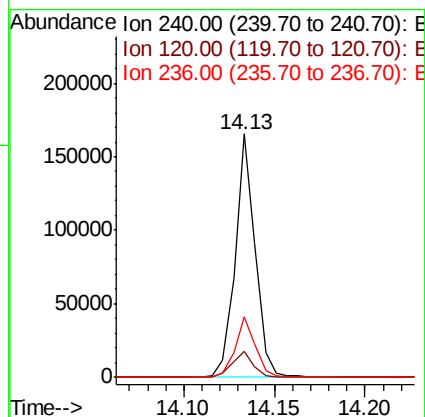
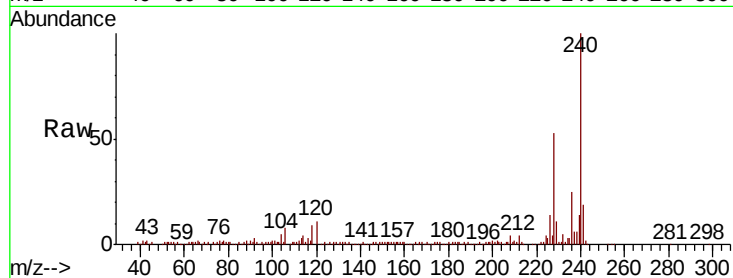




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

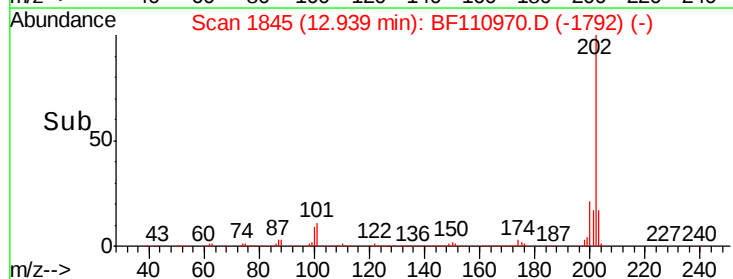
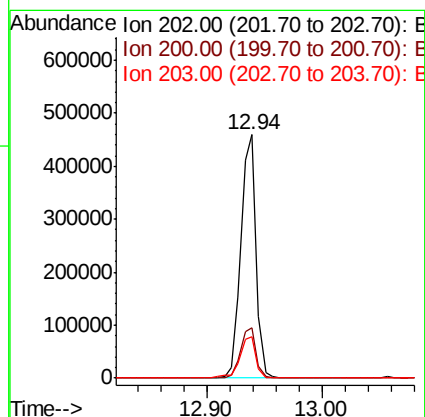
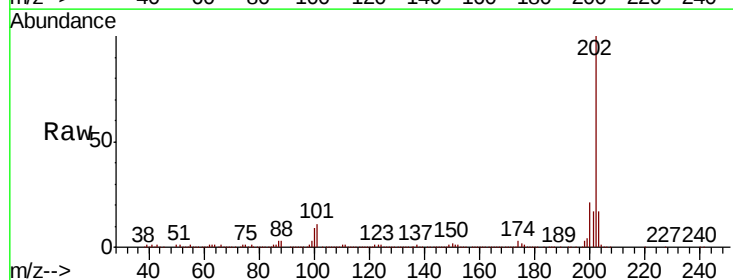
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

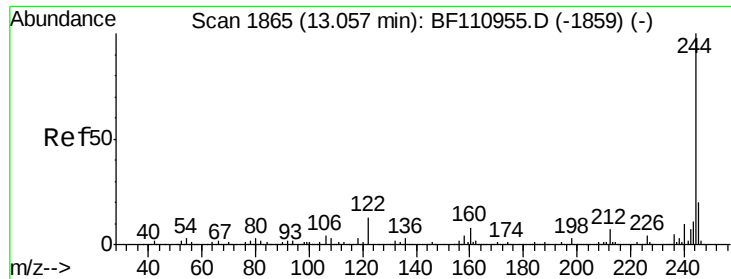
Tgt Ion:240 Resp: 127018
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 24.7 21.2 31.8



#78
Pyrene
Concen: 45.092 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:202 Resp: 418323
Ion Ratio Lower Upper
202 100
200 20.6 17.8 26.6
203 17.2 14.2 21.4





#79

Terphenyl-d14

Concen: 74.973 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

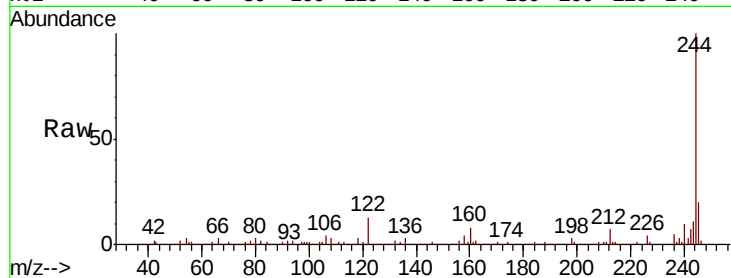
Tgt Ion:244 Resp: 489197

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

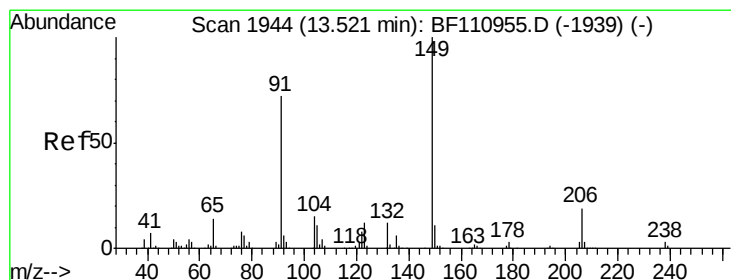
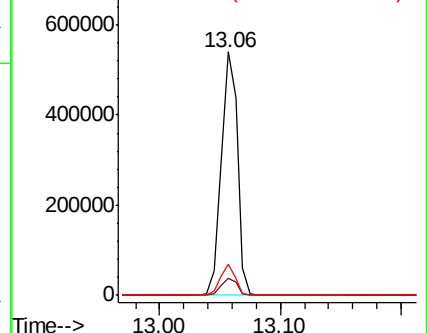
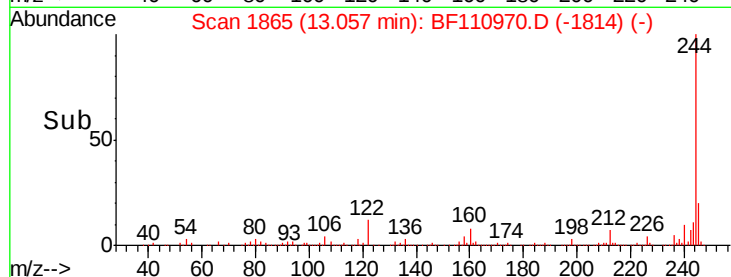
122 12.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.446 ng

RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

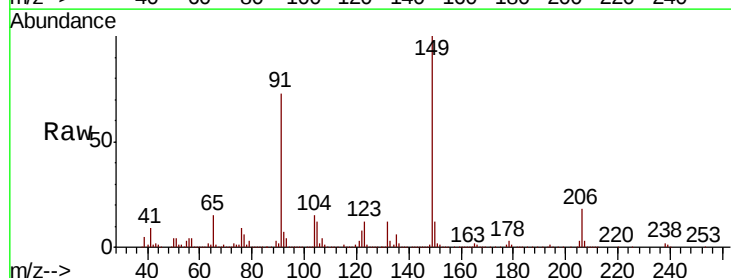
Tgt Ion:149 Resp: 181969

Ion Ratio Lower Upper

149 100

91 73.3 57.2 85.8

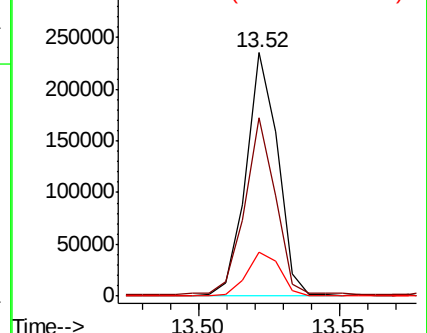
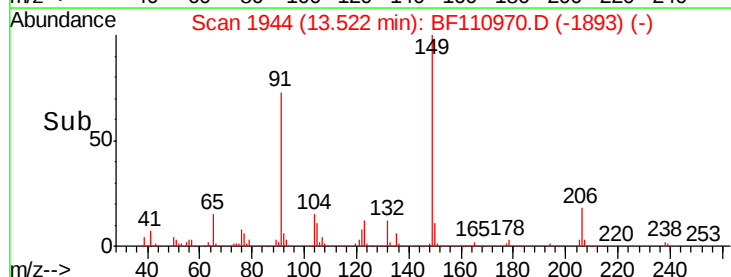
206 18.0 15.7 23.5

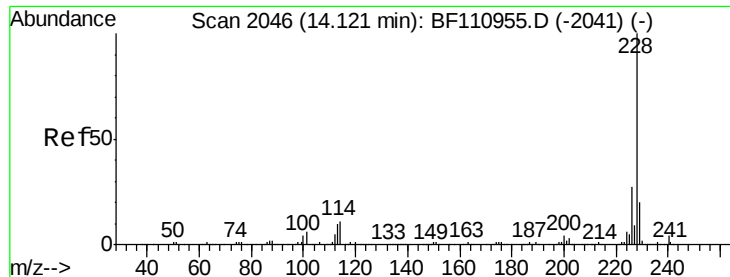


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

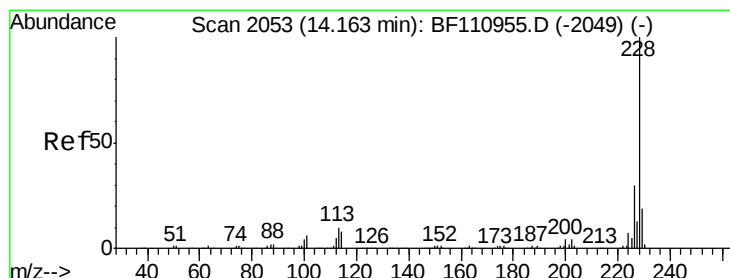
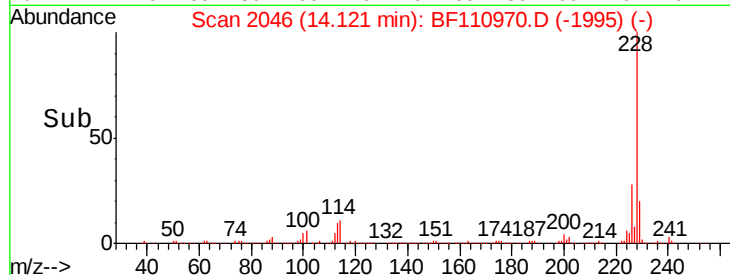
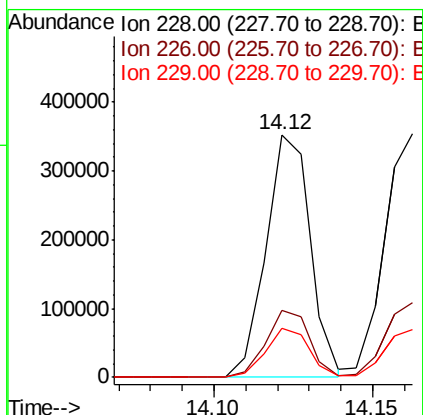
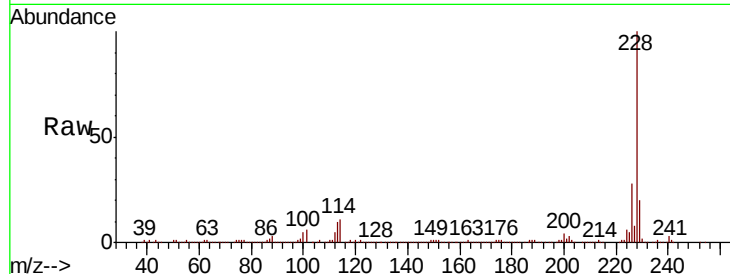




#81
Benzo(a)anthracene
Concen: 45.753 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

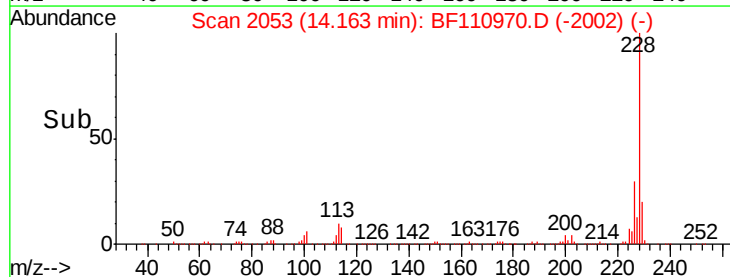
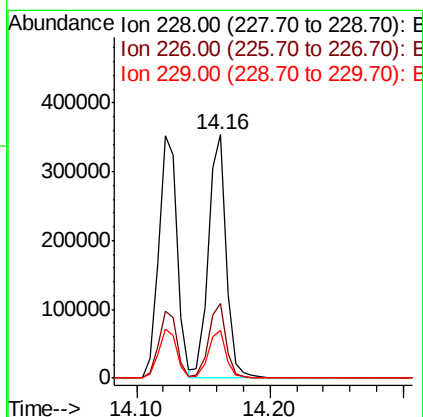
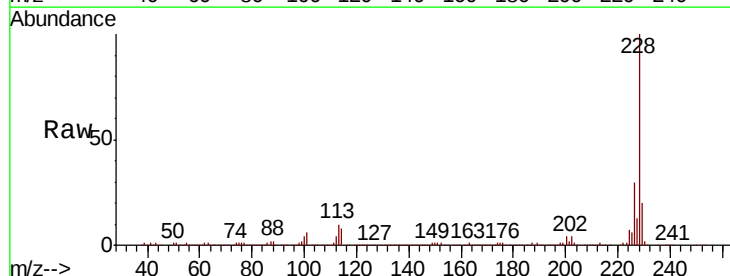
Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

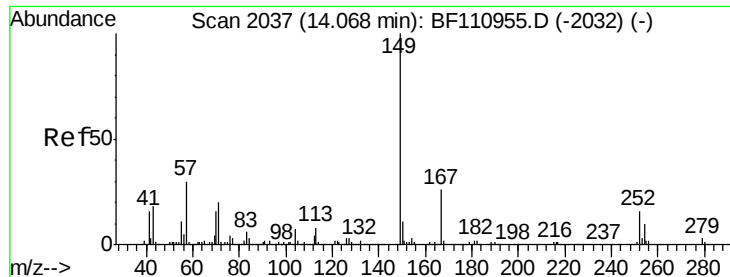
Tgt Ion:228 Resp: 343098
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.4 15.6 23.4



#83
Chrysene
Concen: 44.692 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:228 Resp: 329922
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 19.7 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.457 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

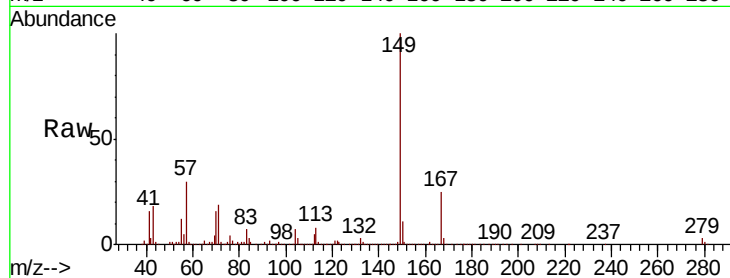
Tgt Ion:149 Resp: 259278

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

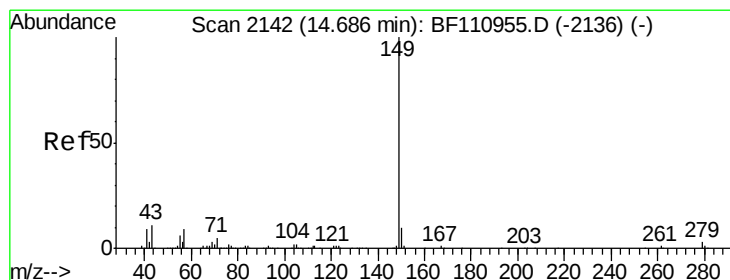
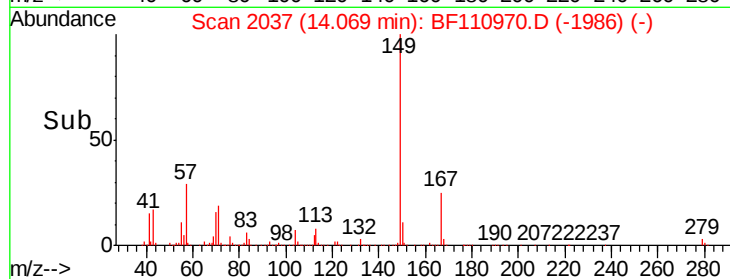
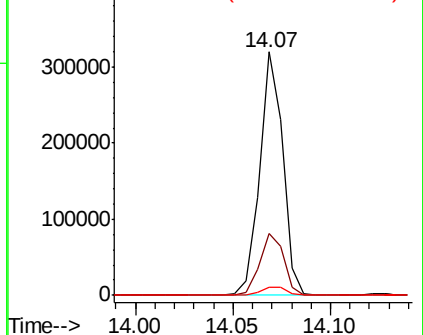
279 3.1 2.7 4.1



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: 48.762 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

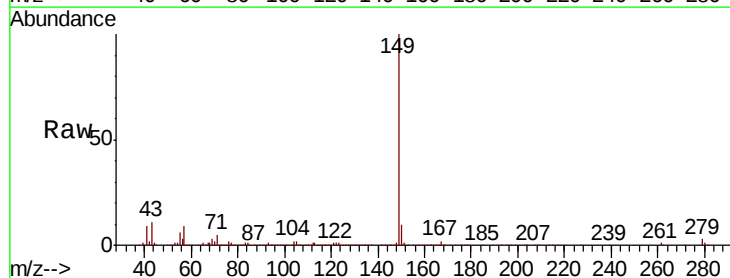
Tgt Ion:149 Resp: 429575

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

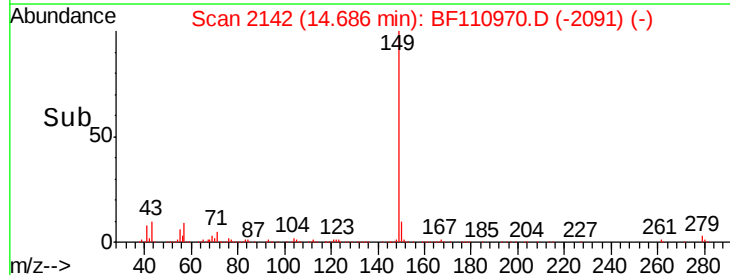
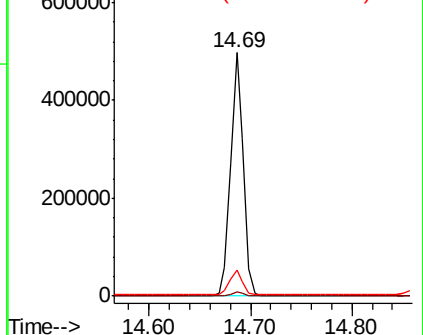
43 10.0 7.8 11.8

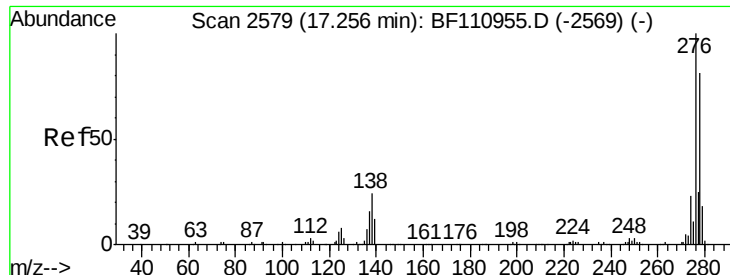


Abundance Ion 149.00 (148.70 to 149.70): E

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: 65.935 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

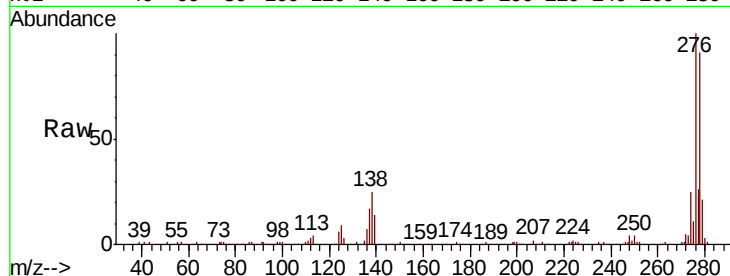
Tgt Ion:276 Resp: 349381

Ion Ratio Lower Upper

276 100

138 24.8 18.5 27.7

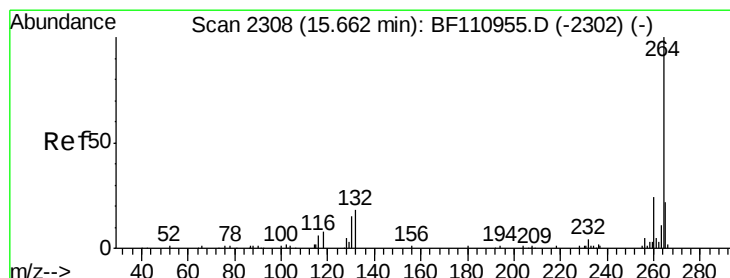
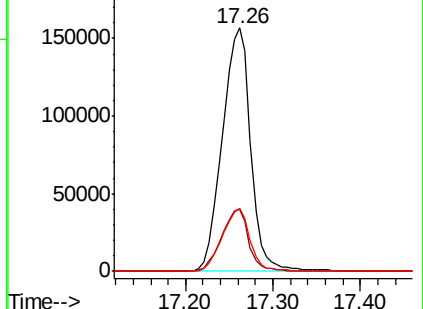
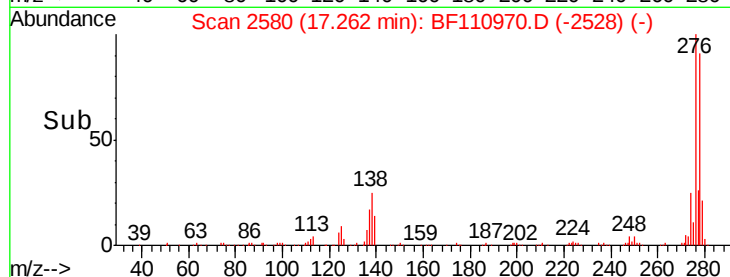
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

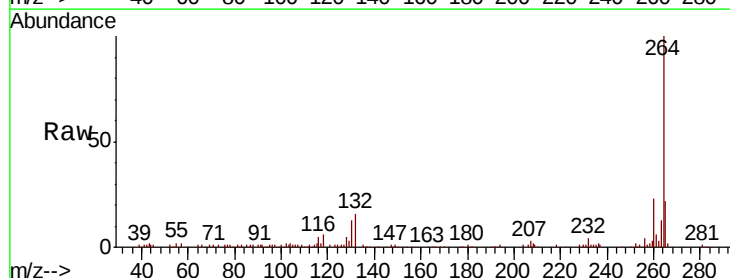
Tgt Ion:264 Resp: 128837

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

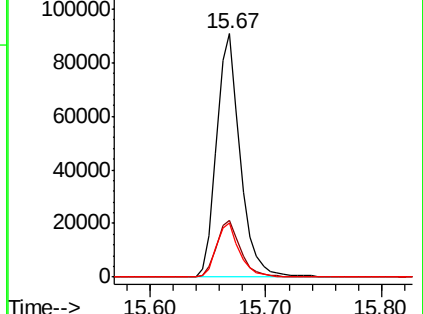
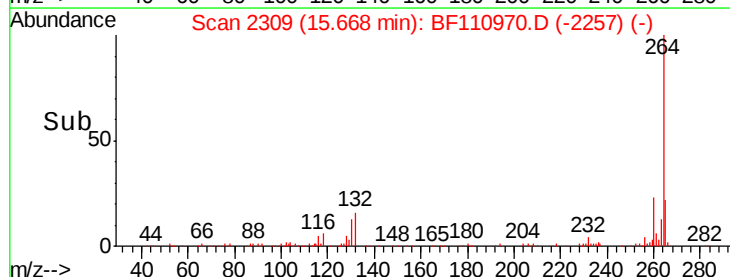
265 22.3 16.7 25.1

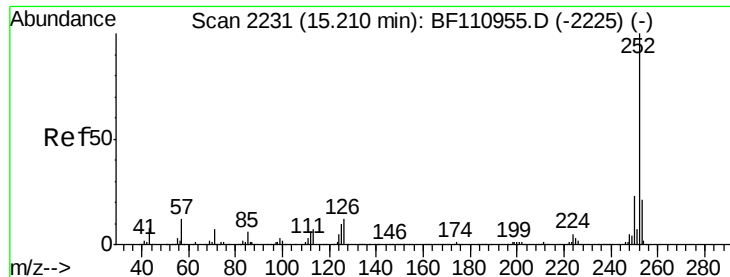


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

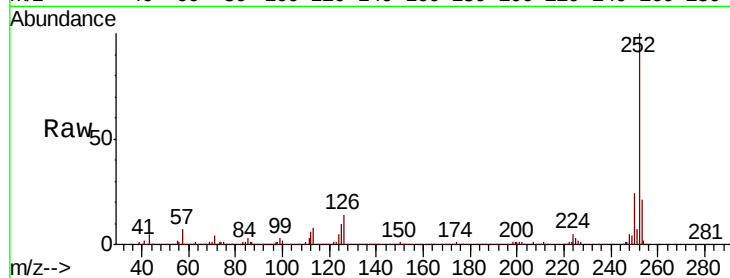




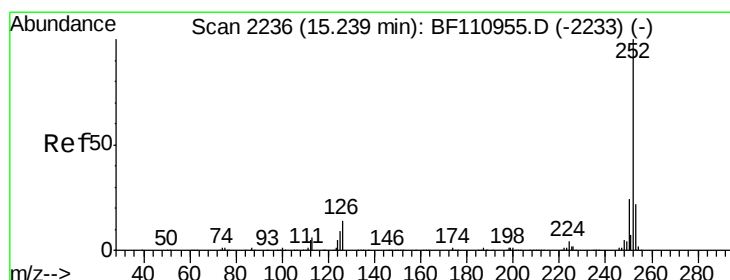
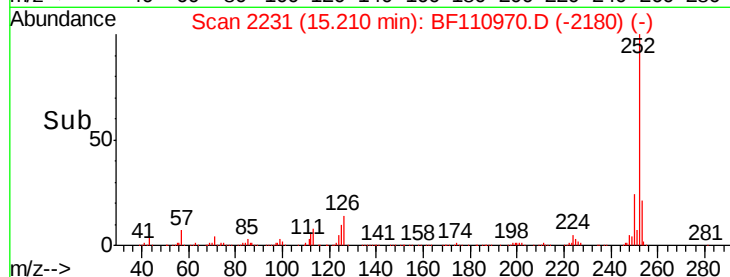
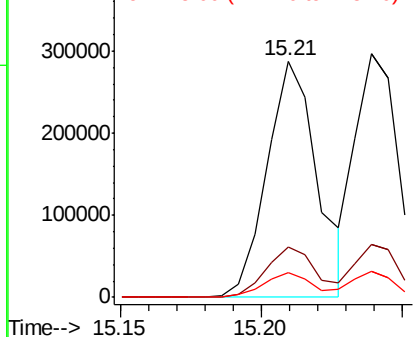
#88
Benzo(b)fluoranthene
Concen: 46.962 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	10.4	8.2	12.4

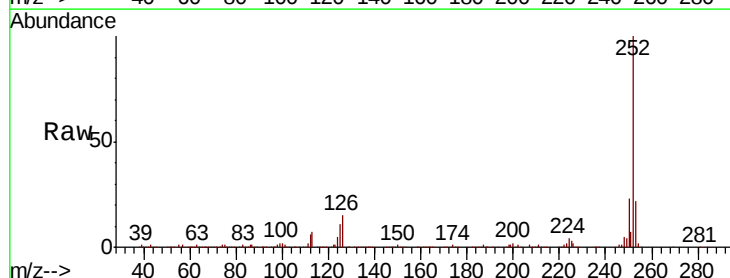


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

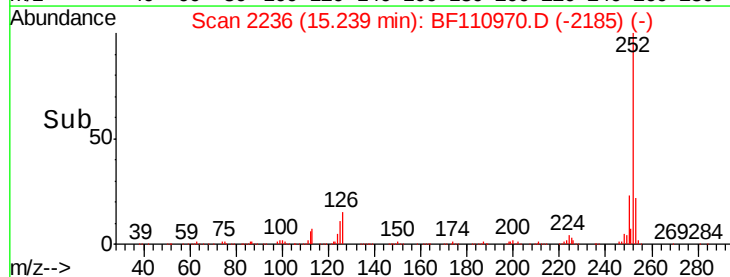
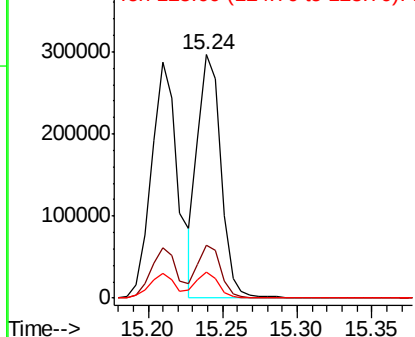


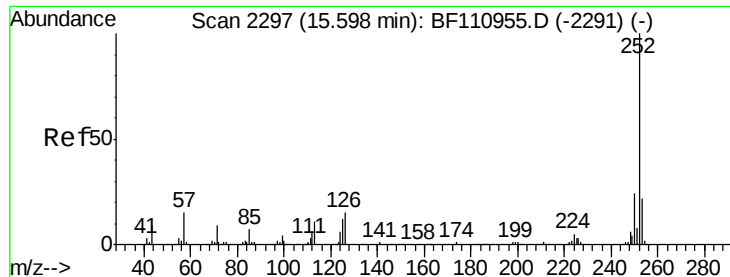
#89
Benzo(k)fluoranthene
Concen: 40.768 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.7	7.4	11.0



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





#90

Benzo(a)pyrene

Concen: 46.817 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

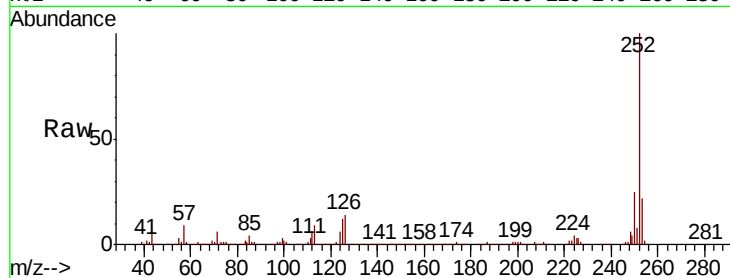
Tgt Ion:252 Resp: 329832

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

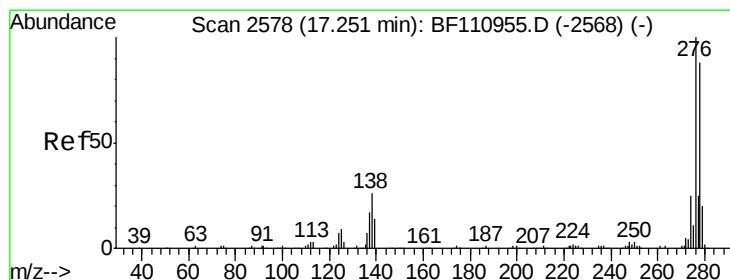
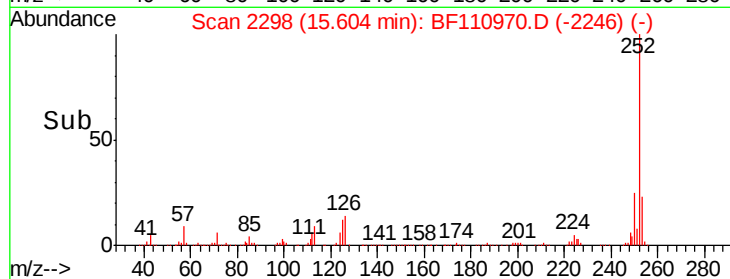
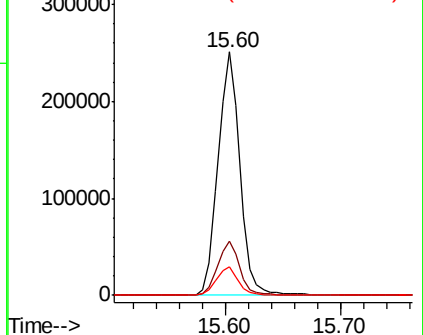
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 51.306 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

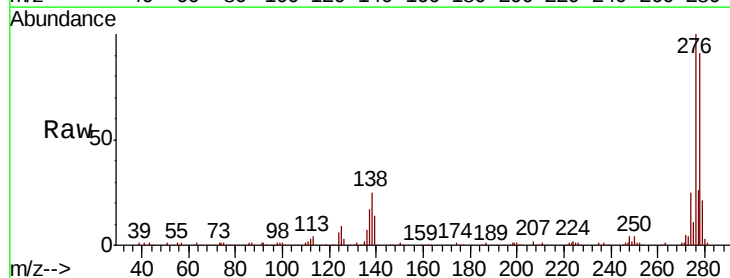
Tgt Ion:278 Resp: 298231

Ion Ratio Lower Upper

278 100

139 14.9 12.7 19.1

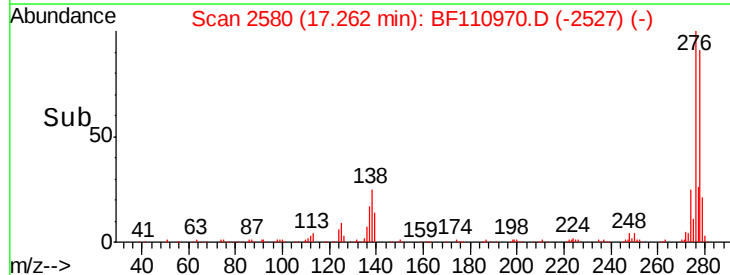
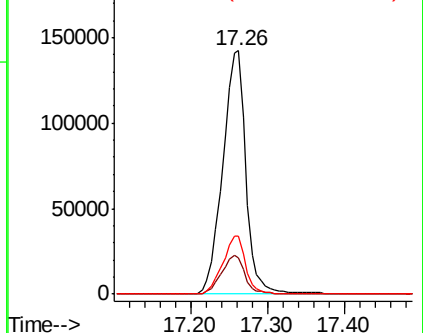
279 23.6 19.0 28.4

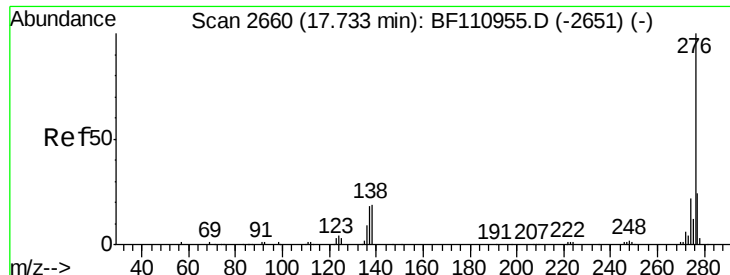


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.196 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

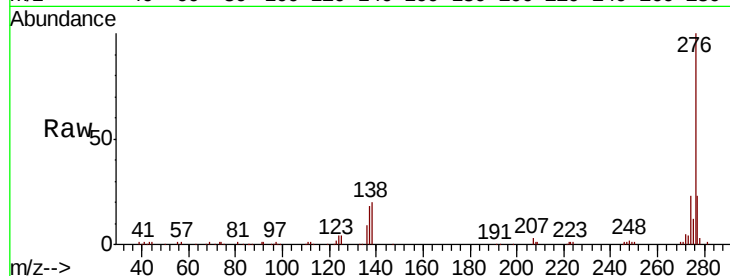
Tgt Ion: 276 Resp: 270121

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.4 16.0 24.0



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

