

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111041.D
 Acq On : 28 Nov 2018 13:12
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 13:51:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65445	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	283911	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	134423	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	254474	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183142	20.00	ng	0.00
87) Perylene-d12	15.67	264	129824	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	327714	83.04	ng	0.00
7) Phenol-d6	6.57	99	420928	81.85	ng	0.00
23) Nitrobenzene-d5	7.51	82	403868	81.41	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	107897	80.82	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	743472	80.13	ng	0.00
79) Terphenyl-d14	13.06	244	757833	80.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.75	88	76472	40.446	ng	88
3) Pyridine	3.55	79	151388	36.565	ng	# 83
4) n-Nitrosodimethylamine	3.52	42	77829	41.082	ng	89
6) Aniline	6.60	93	262057	41.218	ng	# 57
8) 2-Chlorophenol	6.72	128	194164	41.514	ng	98
9) Benzaldehyde	6.50	77	113220	41.660	ng	98
10) Phenol	6.58	94	239987	41.435	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	185095	42.419	ng	94
12) 1,3-Dichlorobenzene	6.87	146	211505	41.164	ng	98
13) 1,4-Dichlorobenzene	6.95	146	215222	40.733	ng	99
14) 1,2-Dichlorobenzene	7.10	146	202786	40.777	ng	100
15) Benzyl Alcohol	7.09	79	161614	40.891	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	284099	40.911	ng	80
17) 2-Methylphenol	7.19	107	151114	40.636	ng	# 85
18) Hexachloroethane	7.43	117	80770	41.557	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	137705	41.105	ng	96
20) 3+4-Methylphenols	7.35	107	197202	39.893	ng	# 79
22) Acetophenone	7.35	105	268138	40.292	ng	# 93
24) Nitrobenzene	7.53	77	203731	39.492	ng	93
25) Isophorone	7.76	82	326640	40.140	ng	98
26) 2-Nitrophenol	7.84	139	106121	42.341	ng	100
27) 2,4-Dimethylphenol	7.87	122	148149	39.141	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	219293	40.226	ng	100
29) 2,4-Dichlorophenol	8.08	162	163670	41.323	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	179220	40.376	ng	97
31) Naphthalene	8.24	128	528882	39.740	ng	99
32) Benzoic acid	8.03	122	111415	39.592	ng	95
33) 4-Chloroaniline	8.30	127	228828	40.397	ng	99
34) Hexachlorobutadiene	8.34	225	103360	40.884	ng	97
35) Caprolactam	8.68	113	53161	39.315	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	179489	40.786	ng	96
37) 2-Methylnaphthalene	8.93	142	351419	39.978	ng	98
38) 1-Methylnaphthalene	9.03	142	336751	39.385	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	173310	40.985	ng	98

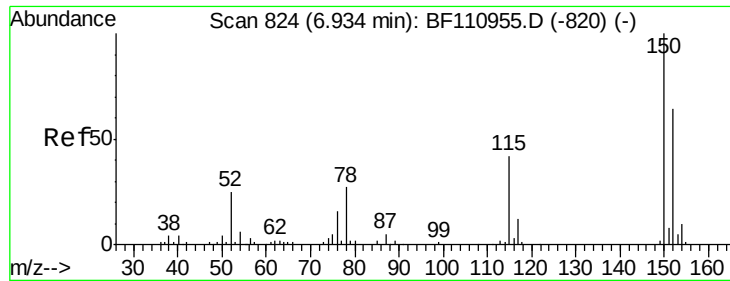
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111041.D
 Acq On : 28 Nov 2018 13:12
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 13:51:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	20161	44.474	ng	97
43) 2,4,6-Trichlorophenol	9.22	196	106614	42.215	ng	96
44) 2,4,5-Trichlorophenol	9.26	196	109851	41.309	ng	95
46) 1,1'-Biphenyl	9.39	154	508460	41.028	ng	100
47) 2-Chloronaphthalene	9.43	162	362695	40.364	ng	100
48) 2-Nitroaniline	9.53	65	116845	41.573	ng	95
49) Acenaphthylene	9.84	152	513244	40.168	ng	99
50) Dimethylphthalate	9.69	163	389036	39.462	ng	100
51) 2,6-Dinitrotoluene	9.77	165	88113	40.147	ng	# 87
52) Acenaphthene	10.01	154	330708	40.374	ng	98
53) 3-Nitroaniline	9.95	138	106847	41.770	ng	91
54) 2,4-Dinitrophenol	10.07	184	42390	55.844	ng	96
55) Dibenzofuran	10.19	168	471630	39.467	ng	98
56) 4-Nitrophenol	10.12	139	53939	40.160	ng	97
57) 2,4-Dinitrotoluene	10.19	165	115892	40.700	ng	90
58) Fluorene	10.53	166	370132	39.810	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	86785	39.766	ng	94
60) Diethylphthalate	10.39	149	406775	40.011	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	195125	40.124	ng	96
62) 4-Nitroaniline	10.57	138	101990	42.822	ng	90
63) Azobenzene	10.67	77	394941	39.856	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	50132	41.646	ng	99
66) n-Nitrosodiphenylamine	10.64	169	345261	40.756	ng	96
67) 4-Bromophenyl-phenylether	11.00	248	112797	40.700	ng	# 90
68) Hexachlorobenzene	11.08	284	120533	40.832	ng	# 92
69) Atrazine	11.16	200	95144	39.935	ng	98
70) Pentachlorophenol	11.29	266	49015	41.735	ng	98
71) Phenanthrene	11.50	178	539033	39.995	ng	99
72) Anthracene	11.55	178	554373	40.390	ng	99
73) Carbazole	11.71	167	537056	40.313	ng	98
74) Di-n-butylphthalate	12.02	149	629101	40.388	ng	99
75) Fluoranthene	12.70	202	549820	39.692	ng	98
77) Benzidine	12.82	184	227045	48.468	ng	97
78) Pyrene	12.93	202	563020	42.091	ng	98
80) Butylbenzylphthalate	13.52	149	253998	42.059	ng	96
81) Benzo(a)anthracene	14.12	228	433955	40.135	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	152757	41.203	ng	100
83) Chrysene	14.16	228	428805	40.286	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	332106	41.271	ng	97
85) Di-n-octyl phthalate	14.68	149	497273	39.148	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	295823	38.719	ng	98
88) Benzo(b)fluoranthene	15.21	252	312692	41.000	ng	99
89) Benzo(k)fluoranthene	15.24	252	321999	41.019	ng	99
90) Benzo(a)pyrene	15.60	252	286875	40.410	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	252107	43.041	ng	98
92) Benzo(g,h,i)perylene	17.74	276	249806	44.232	ng	99

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

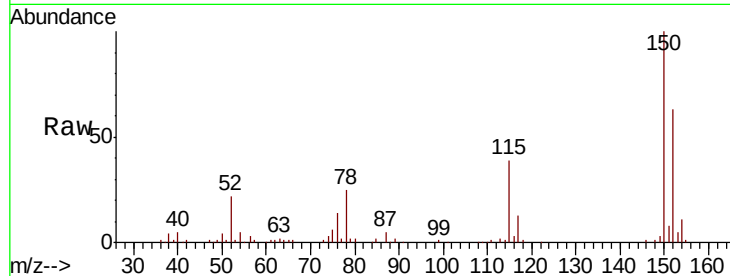


#1

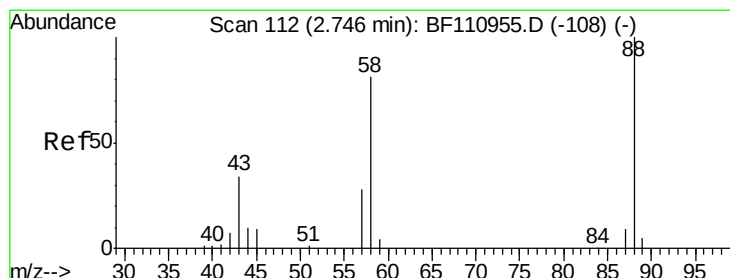
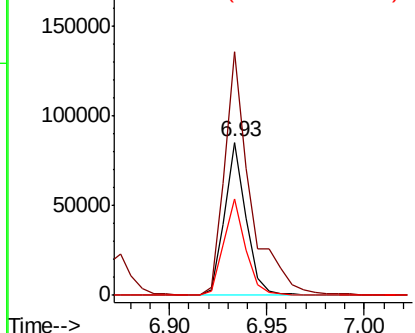
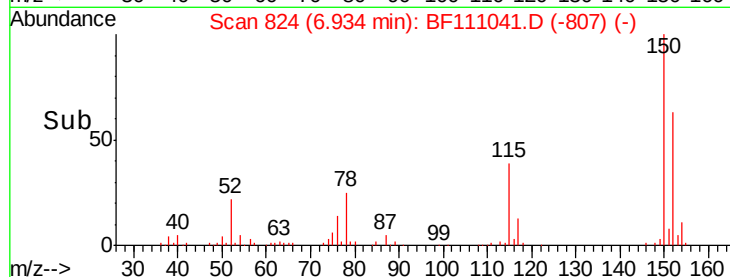
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65445
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 62.6 49.1 73.7



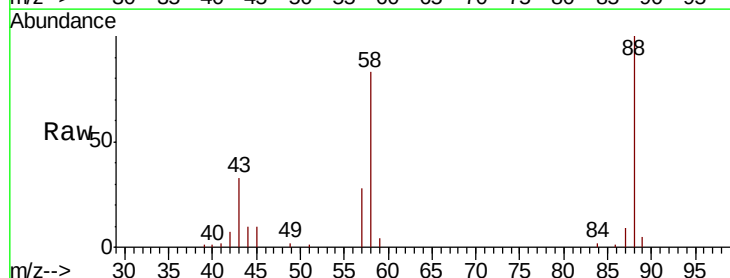
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



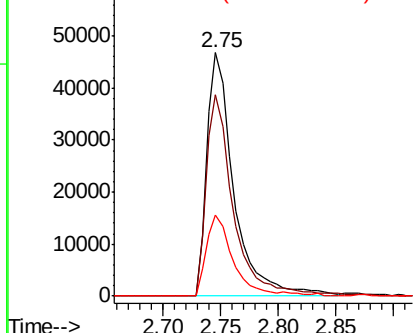
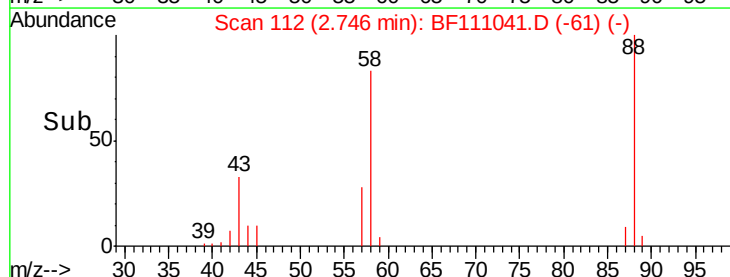
#2

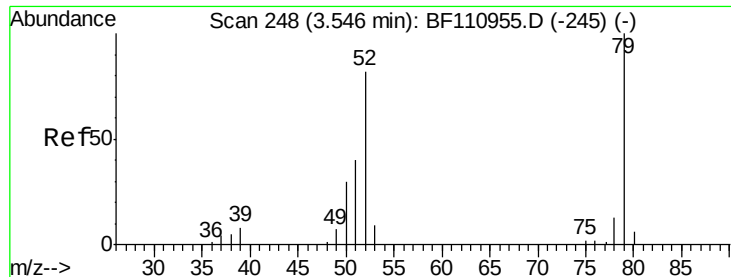
1,4-Dioxane
Concen: 40.446 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion: 88 Resp: 76472
Ion Ratio Lower Upper
88 100
58 83.5 57.1 85.7
43 33.7 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

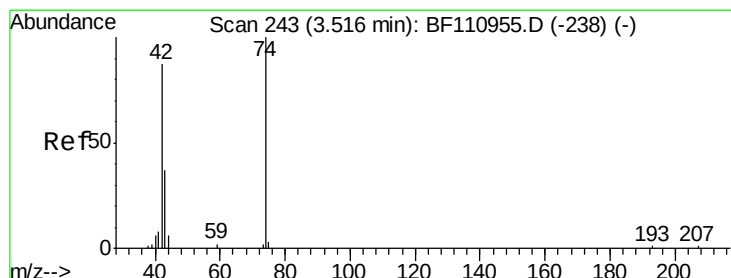
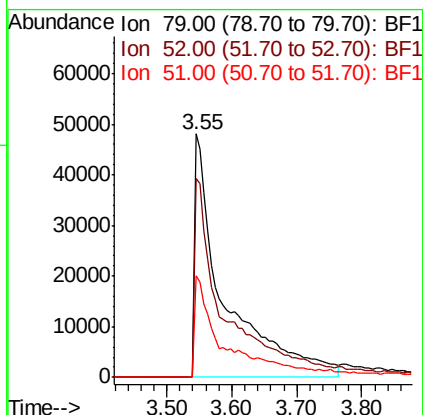
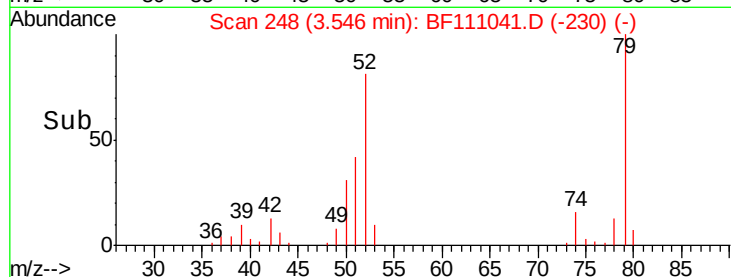
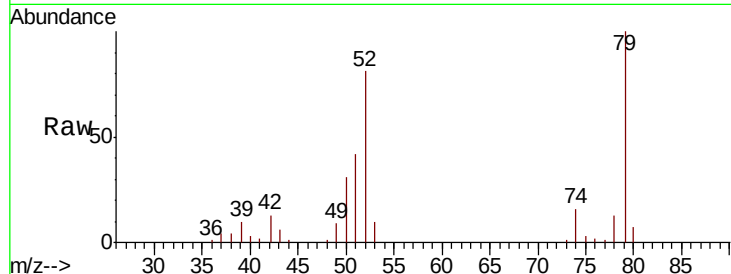




#3
 Pvridine
 Concen: 36.565 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

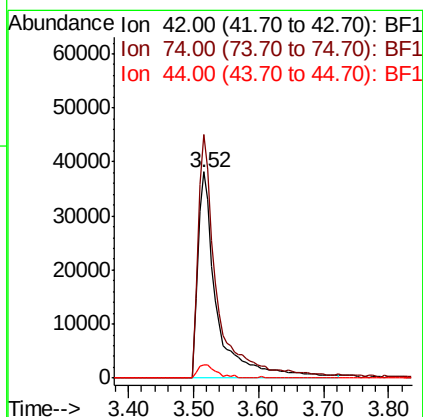
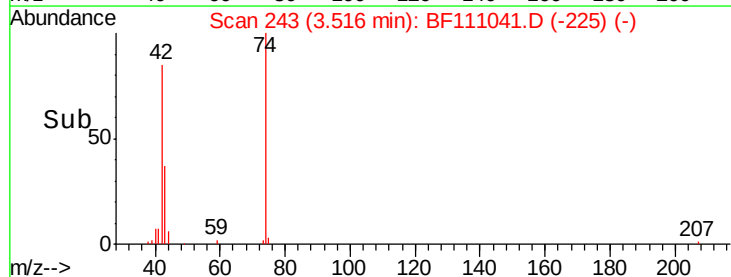
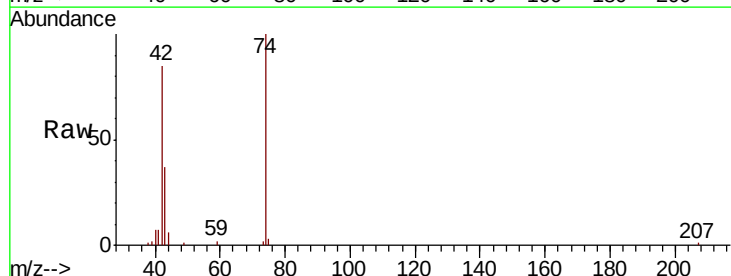
Instrument :
 BNA_F
 ClientSampleId :

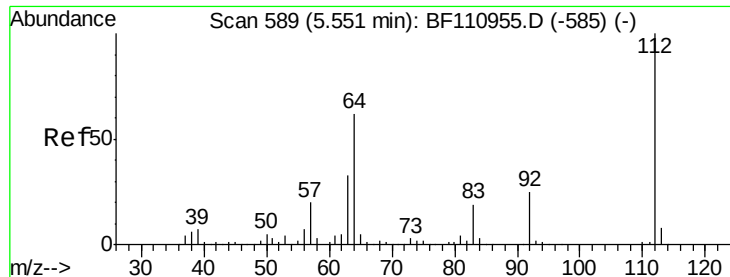
Tot Ion: 79 Resp: 151388
 Ion Ratio Lower Upper
 79 100
 52 81.5 53.1 79.7#
 51 41.6 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 41.082 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion: 42 Resp: 77829
 Ion Ratio Lower Upper
 42 100
 74 118.0 105.5 158.3
 44 6.5 4.9 7.3





#5

2-Fluorophenol

Concen: 83.040 ng

RT: 5.56 min Scan# 590

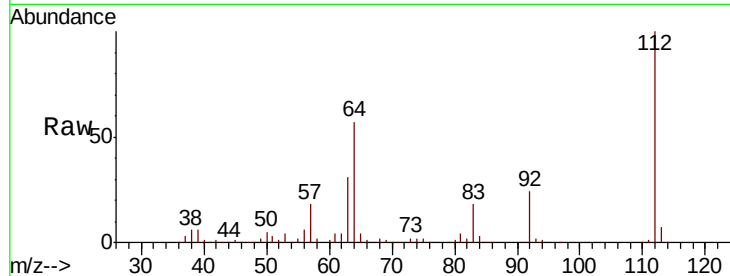
Delta R.T. 0.01 min

Lab File: BF111041.D

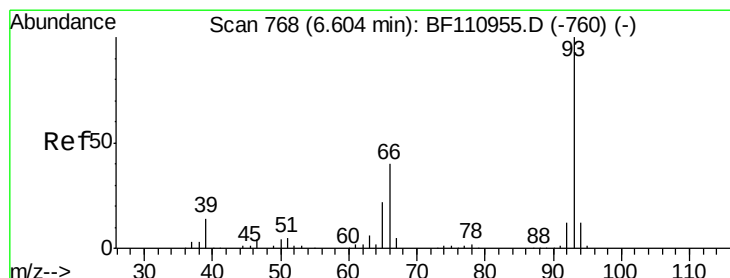
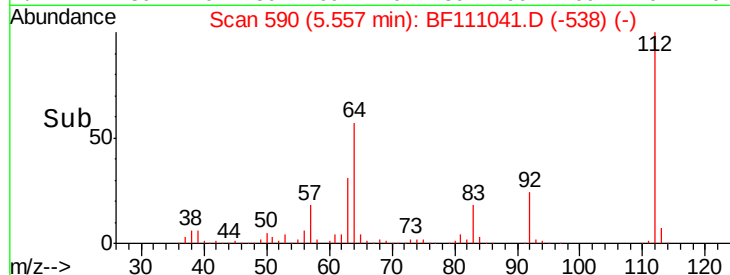
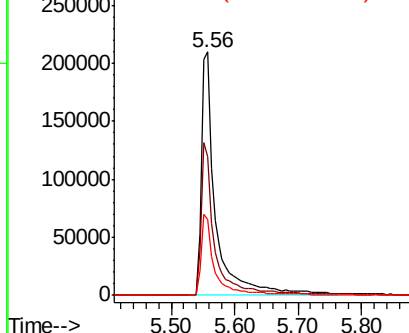
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	327714
Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	31.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.218 ng

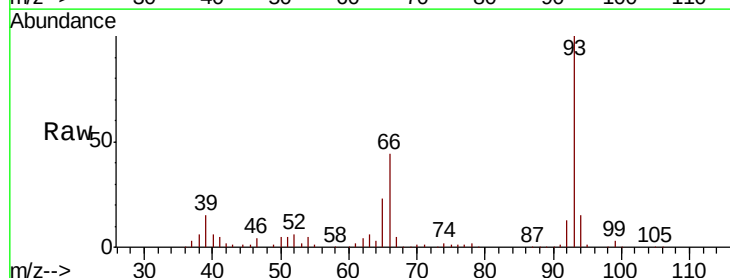
RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

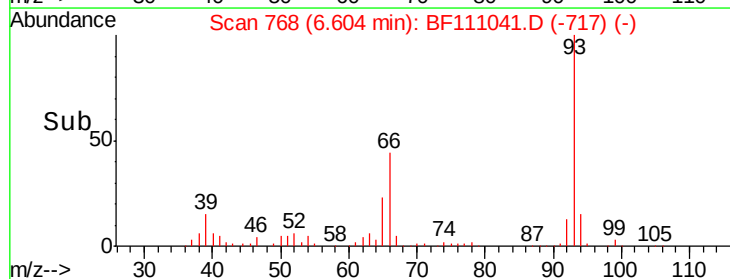
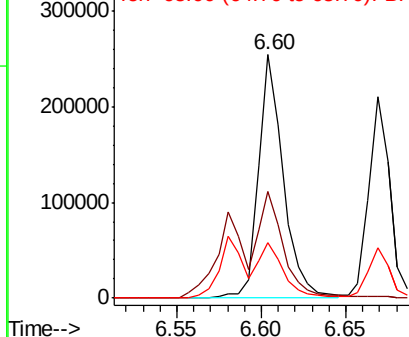
Lab File: BF111041.D

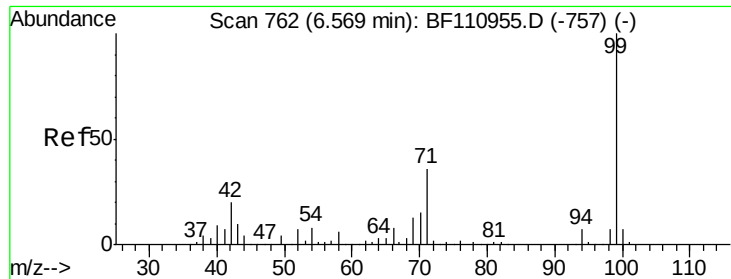
Acq: 28 Nov 2018 13:12

Tgt Ion:	93	Resp:	262057
Ion	Ratio	Lower	Upper
93	100		
66	43.7	67.4	101.0#
65	22.9	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.846 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

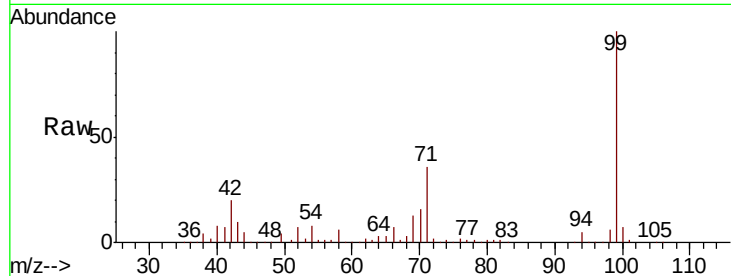
Tot Ion: 99 Resp: 420928

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.6

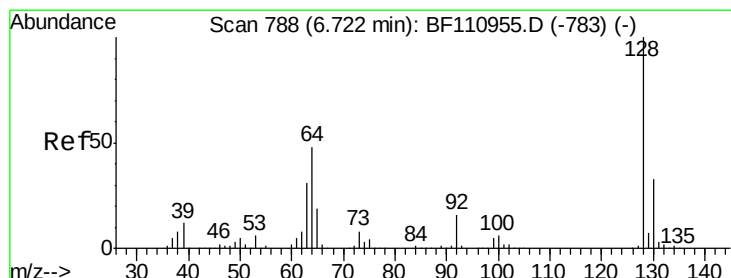
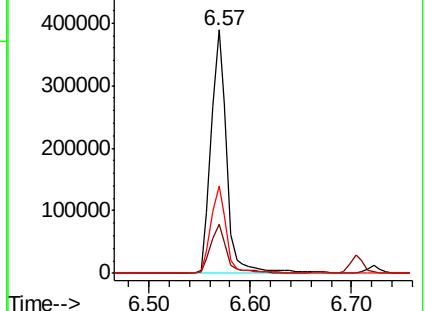
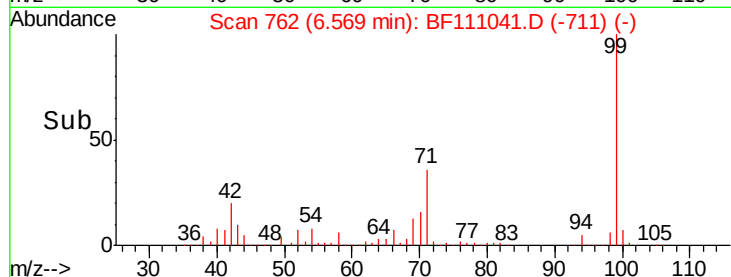
71 35.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.514 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

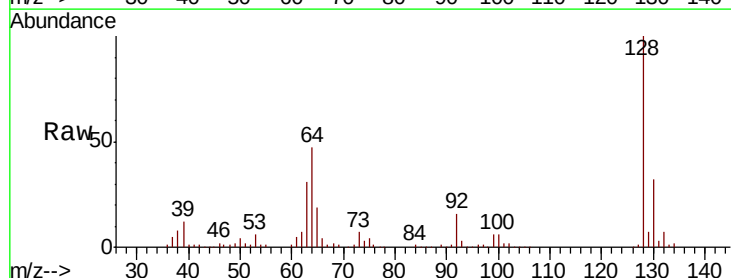
Tgt Ion: 128 Resp: 194164

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

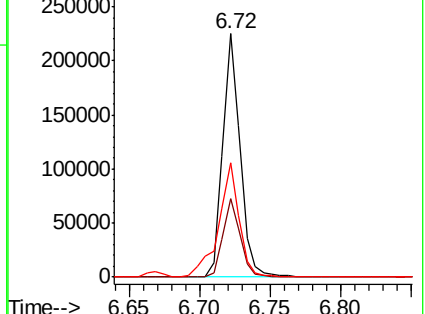
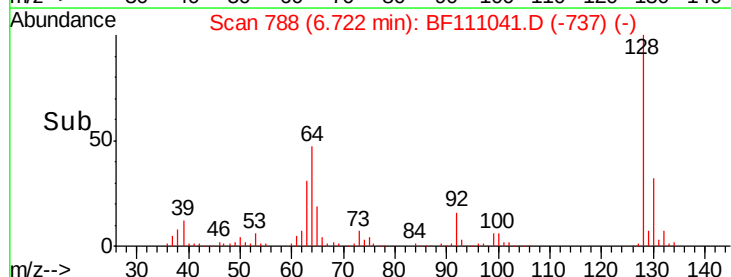
64 47.2 26.0 66.0

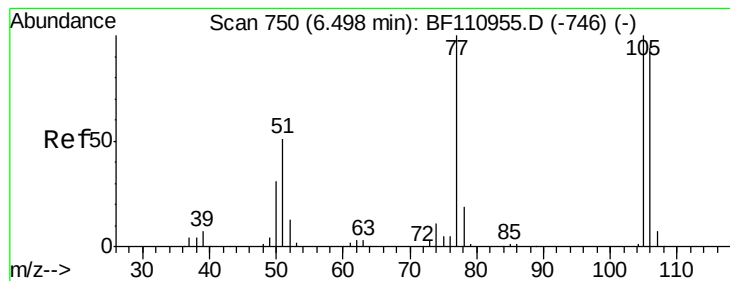


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.660 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

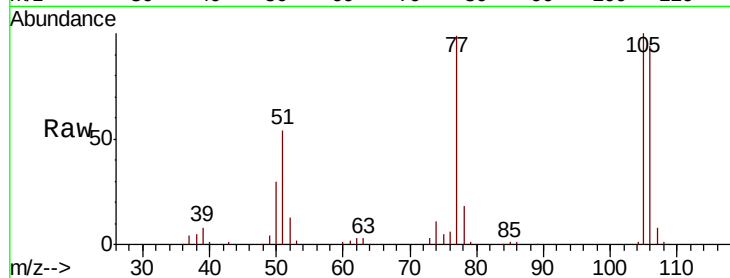
Tot Ion: 77 Resp: 113220

Ion Ratio Lower Upper

77 100

105 101.3 78.6 118.6

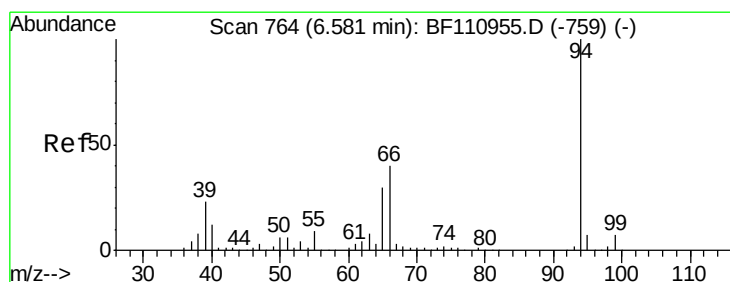
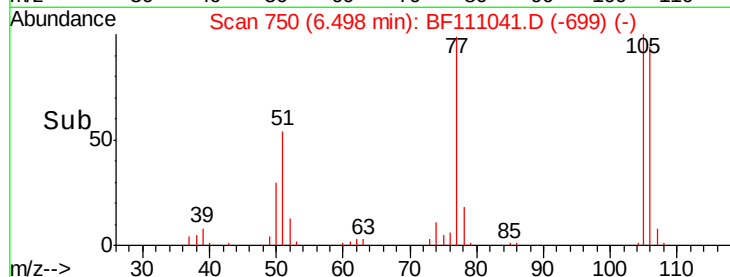
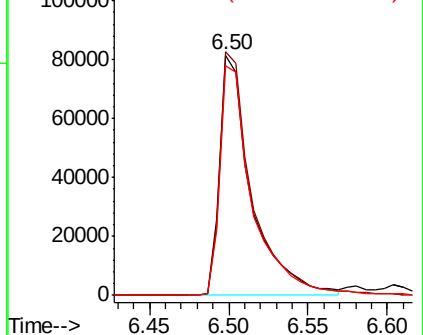
106 95.5 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.435 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

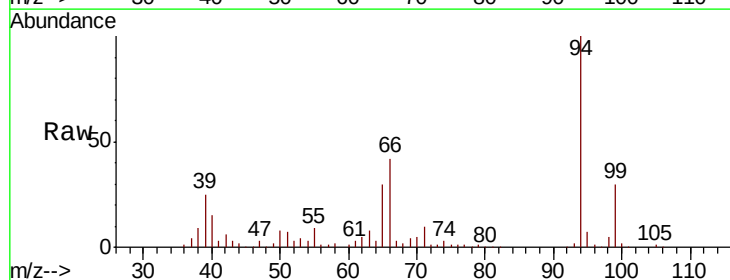
Tgt Ion: 94 Resp: 239987

Ion Ratio Lower Upper

94 100

65 30.2 25.3 65.3

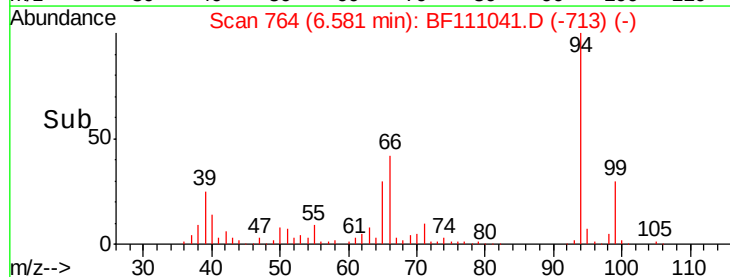
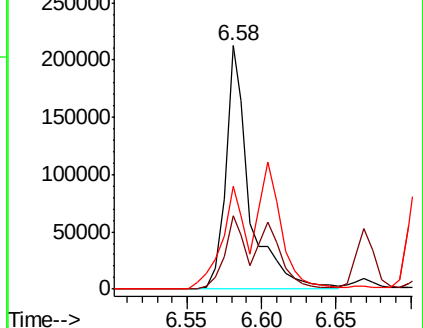
66 42.3 54.5 94.5#

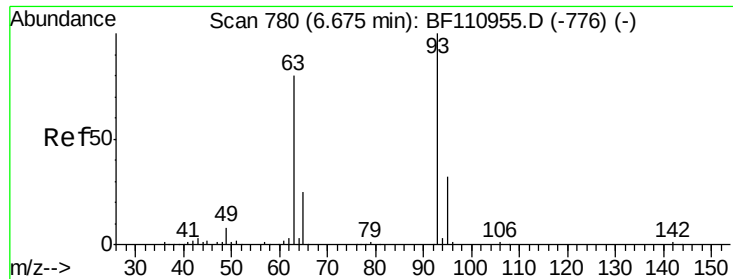


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

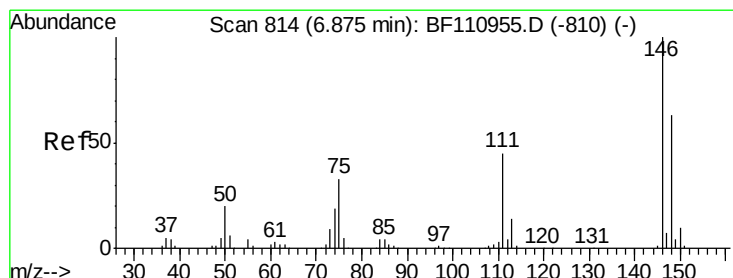
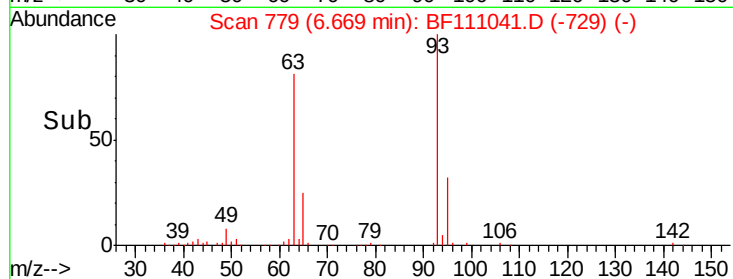
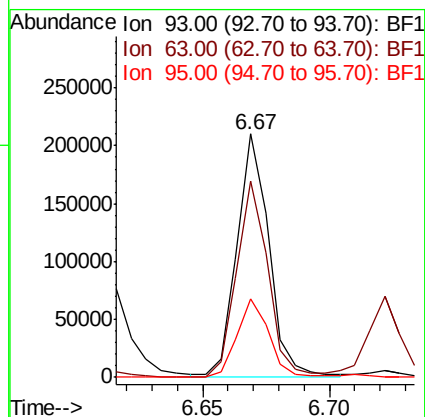
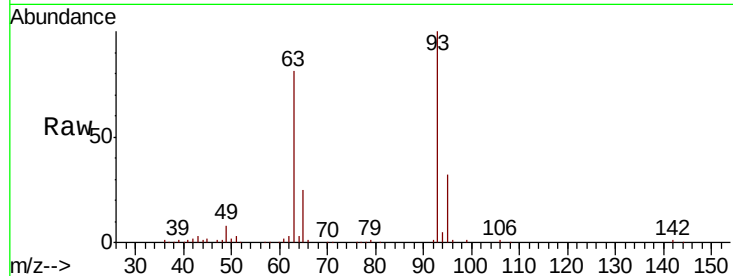




#11
bis(2-Chloroethyl)ether
Concen: 42.419 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

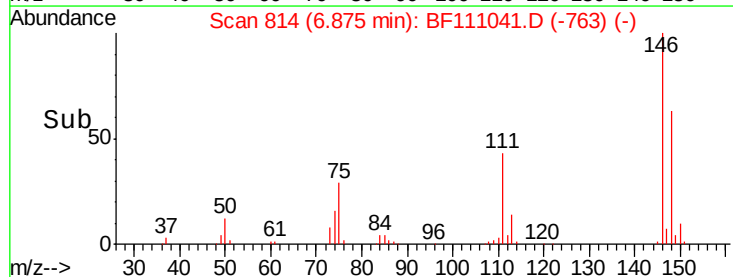
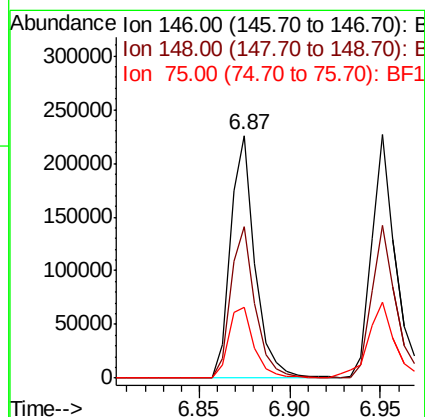
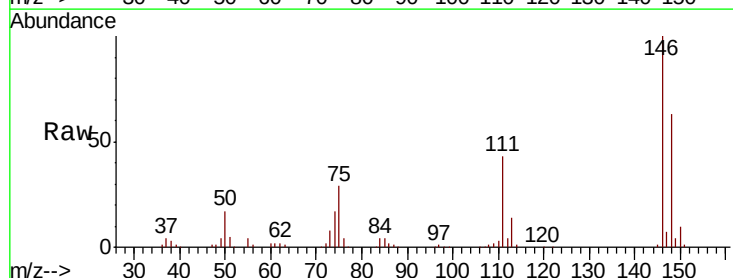
Instrument :
BNA_F
ClientSampleId :

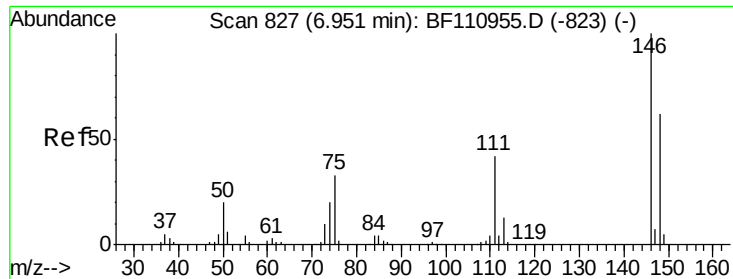
Tot Ion: 93 Resp: 185095
Ion Ratio Lower Upper
93 100
63 80.8 53.4 93.4
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.164 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion: 146 Resp: 211505
Ion Ratio Lower Upper
146 100
148 62.5 50.4 75.6
75 29.5 25.8 38.6

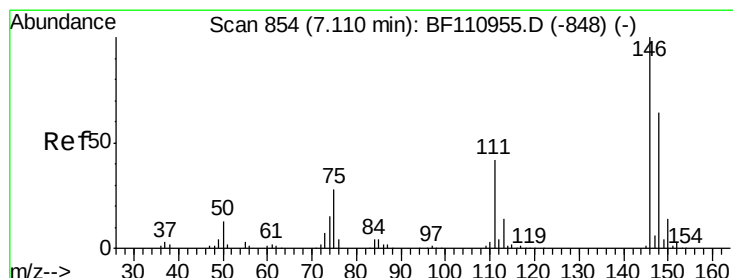
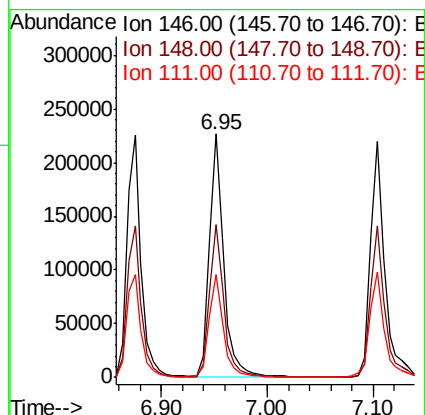
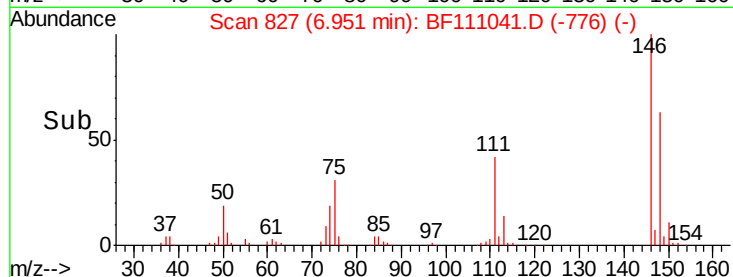
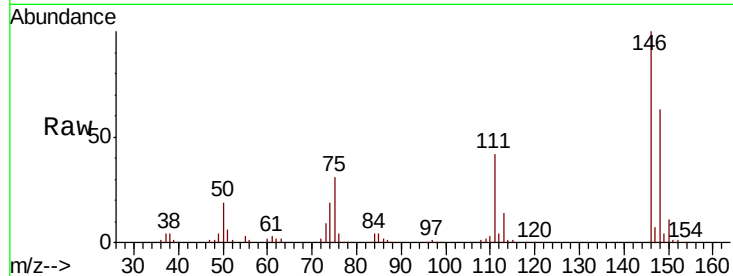




#13
 1,4-Dichlorobenzene
 Concen: 40.733 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

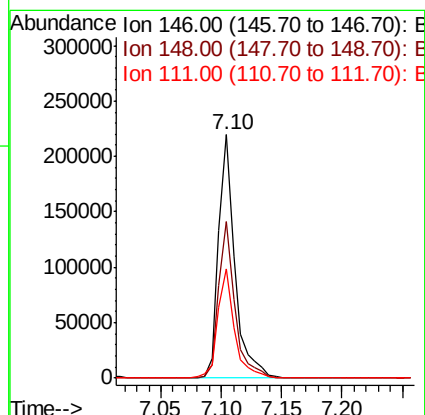
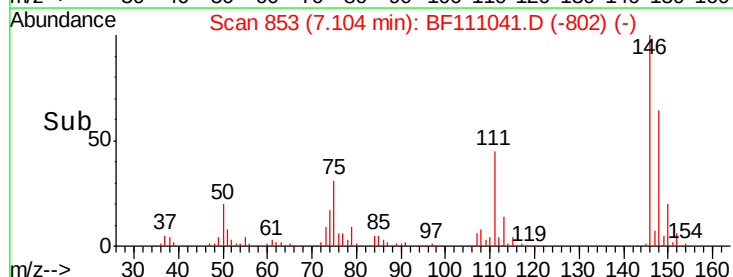
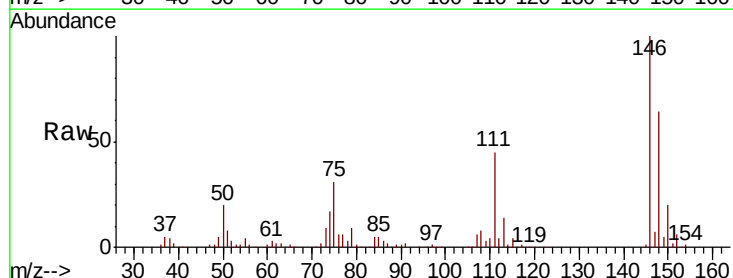
Instrument :
 BNA_F
 ClientSampled :

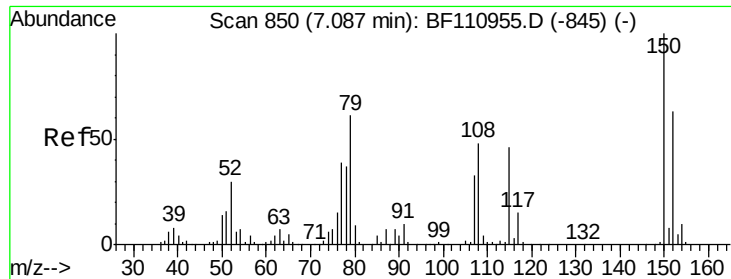
Tot Ion:146 Resp: 215222
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.3 75.5
 111 42.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.777 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion:146 Resp: 202786
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 44.9 35.8 53.6

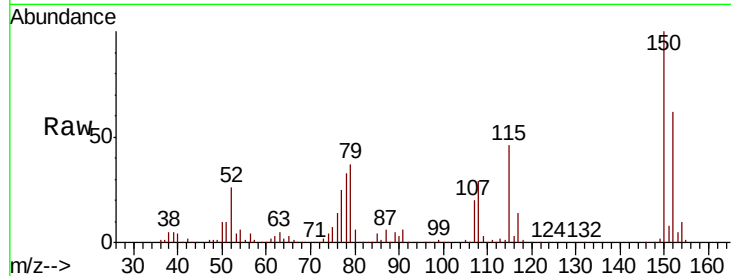




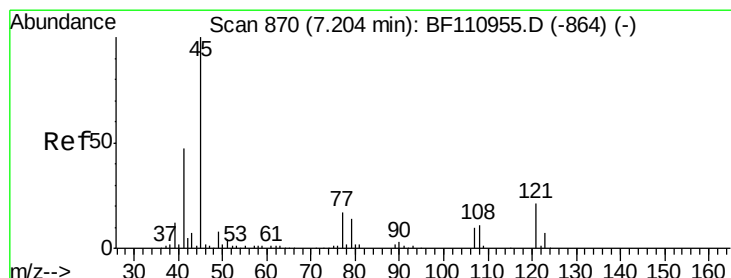
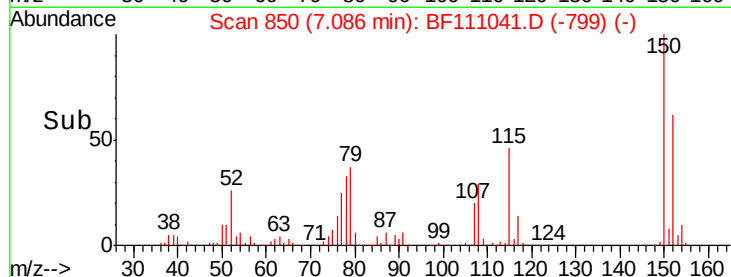
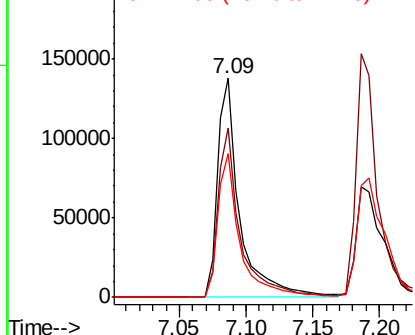
#15
Benzyl Alcohol
Concen: 40.891 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 161614
Ion Ratio Lower Upper
79 100
108 77.2 56.3 84.5
77 65.7 52.9 79.3

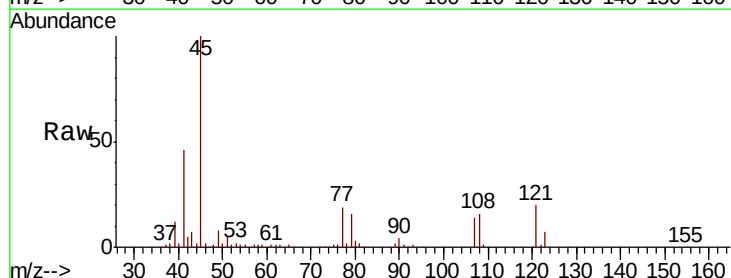


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

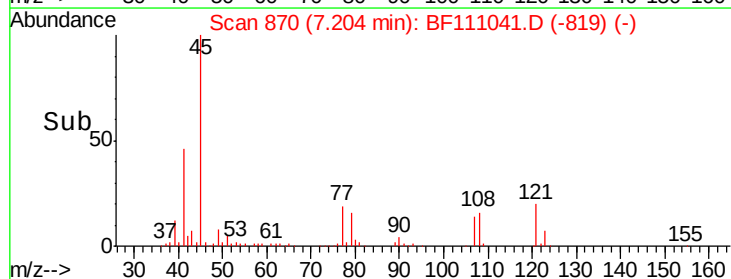
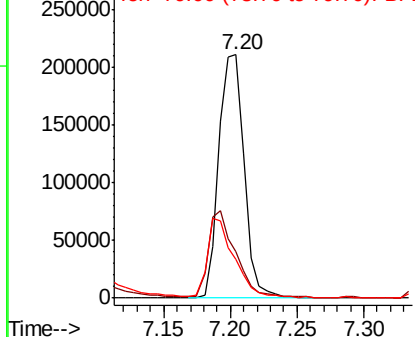


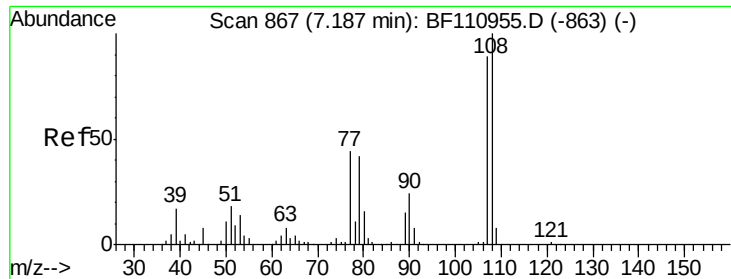
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.911 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion: 45 Resp: 284099
Ion Ratio Lower Upper
45 100
77 19.0 10.0 50.0
79 16.1 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.636 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 151114

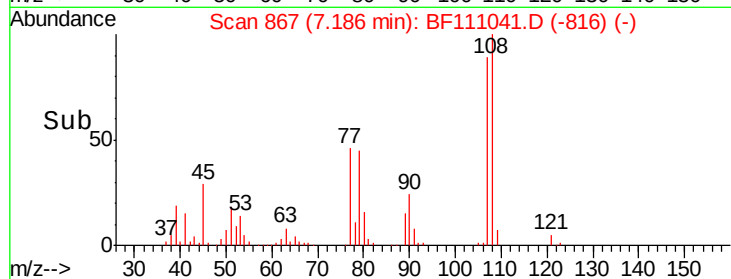
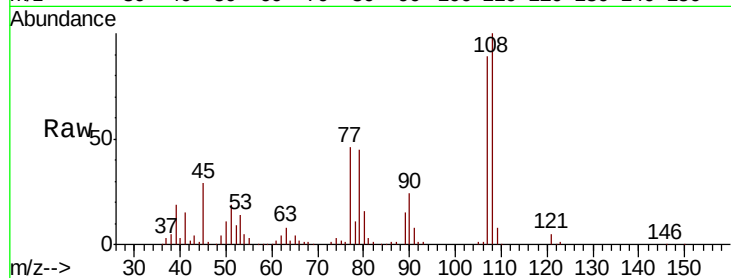
Ion Ratio Lower Upper

107 100

108 111.8 92.6 138.8

77 51.4 59.4 89.2#

79 50.7 54.0 81.0#

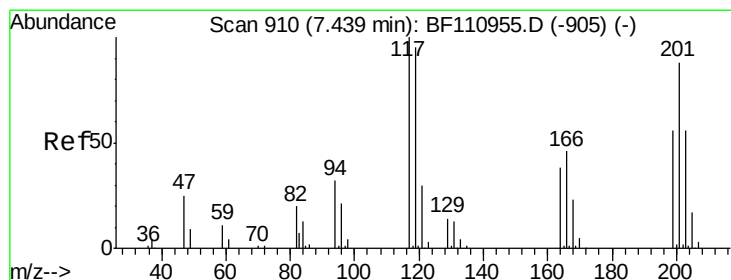
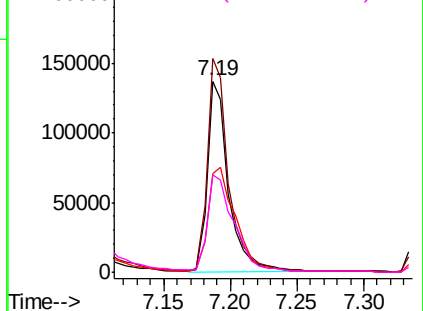


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.557 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

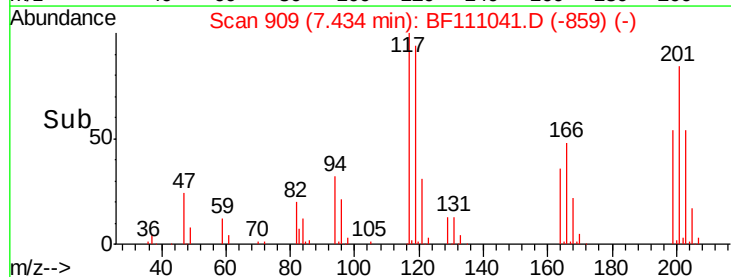
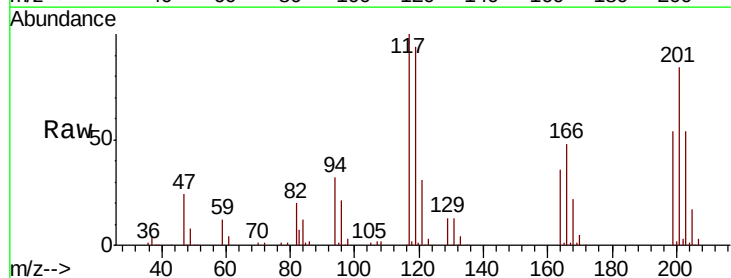
Tgt Ion:117 Resp: 80770

Ion Ratio Lower Upper

117 100

119 93.9 75.0 112.6

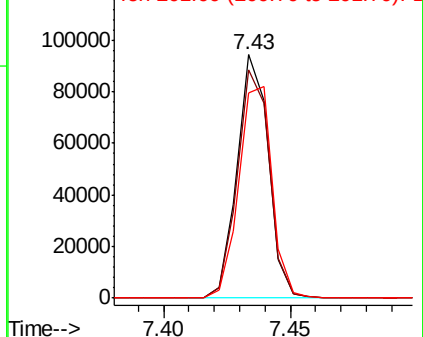
201 84.2 79.2 118.8

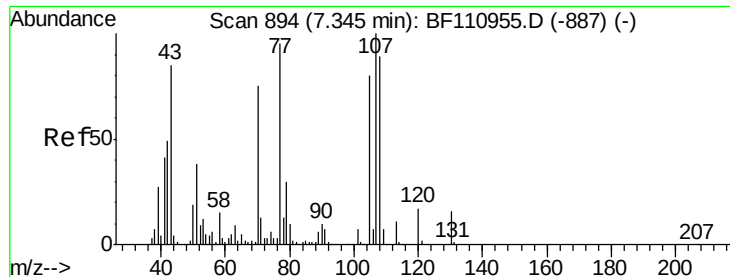


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

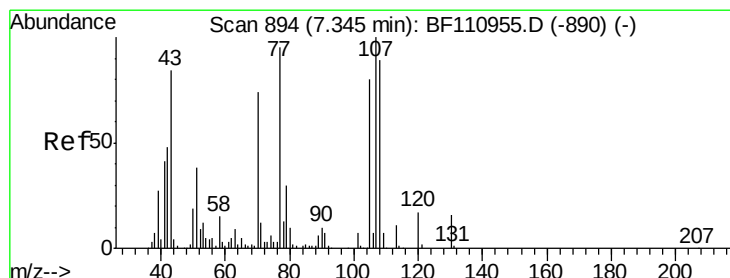
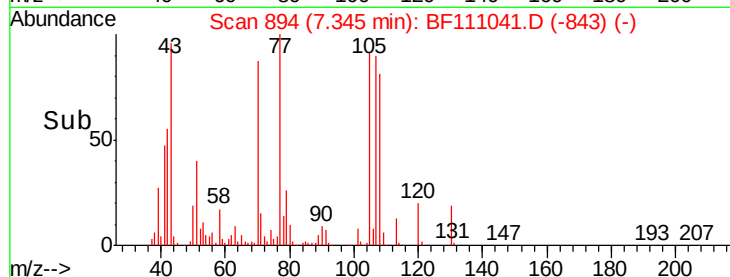
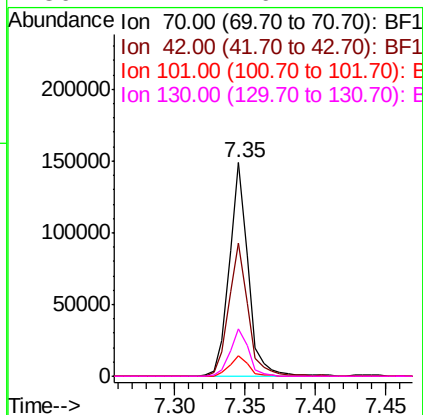
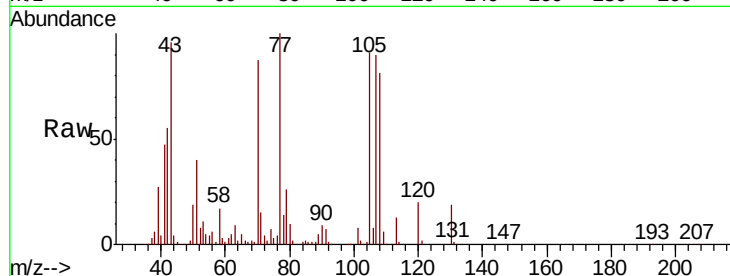




#19
n-Nitroso-di-n-propylamine
Concen: 41.105 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

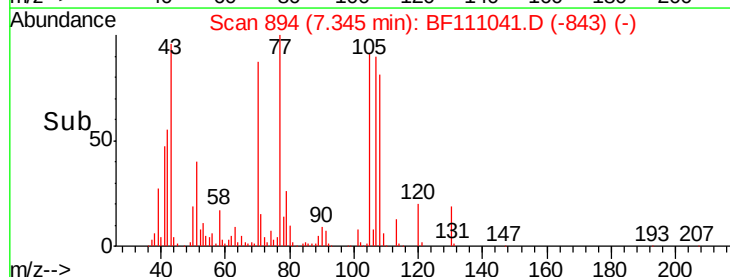
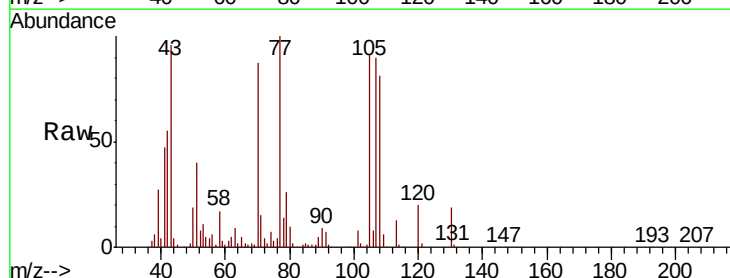
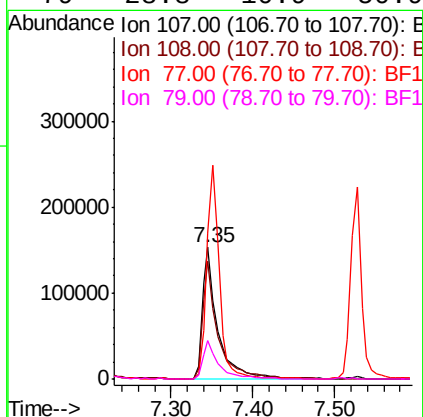
Instrument :
BNA_F
ClientSampleId :

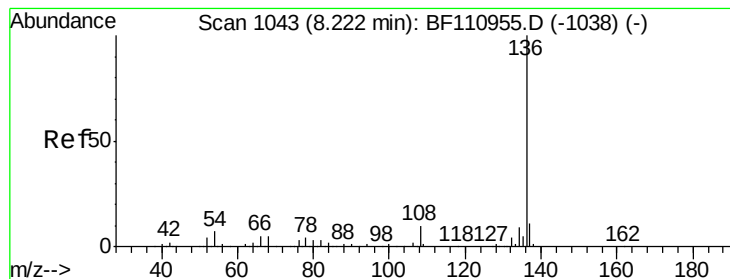
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.4	71.2
101	9.7	7.3	10.9
130	22.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.893 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.4	111.4
77	111.5	47.3	87.3#
79	28.8	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 283911

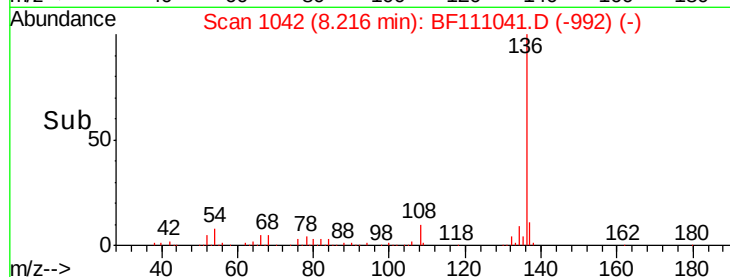
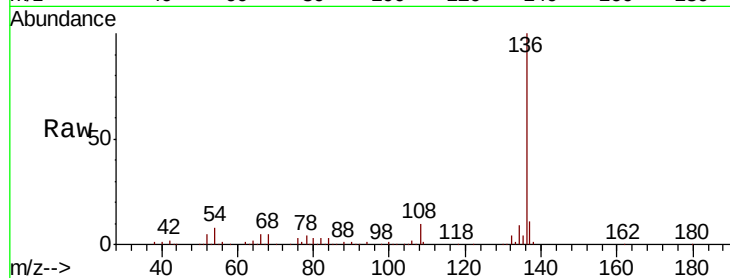
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.2 5.4 8.2#

68 5.2 4.2 6.2

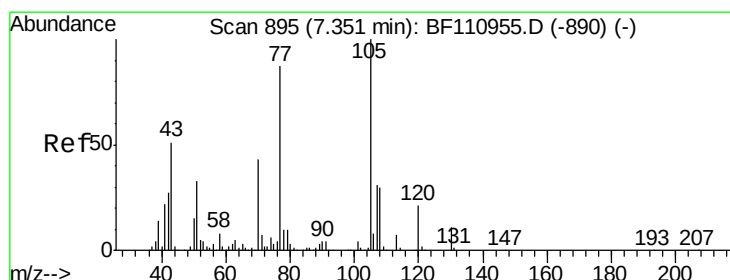
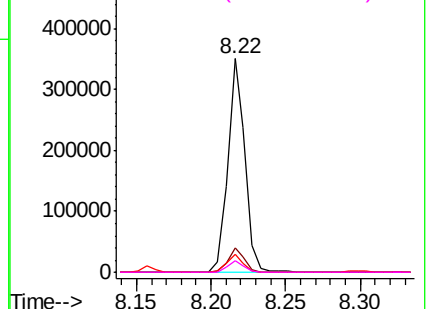


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.292 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Tgt Ion:105 Resp: 268138

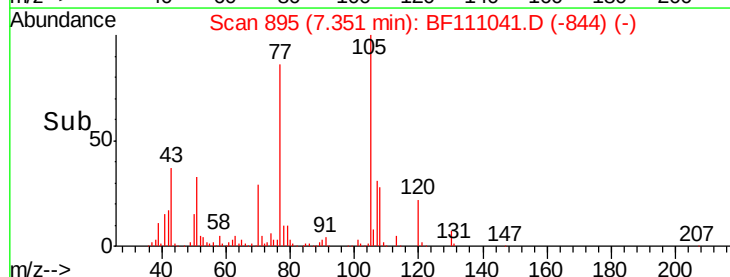
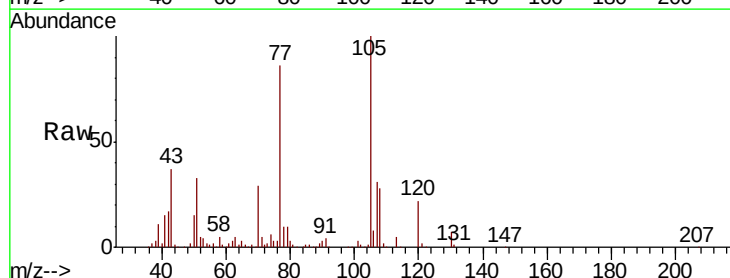
Ion Ratio Lower Upper

105 100

71 4.8 5.2 7.8#

51 33.3 21.8 32.8#

120 22.1 17.0 25.4

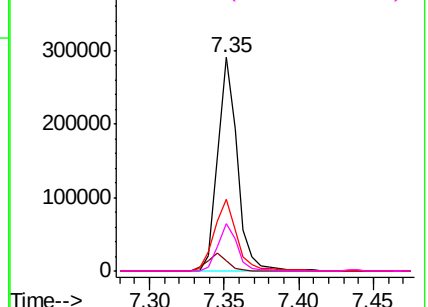


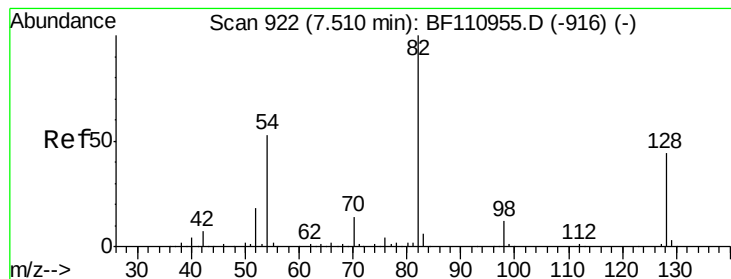
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.412 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

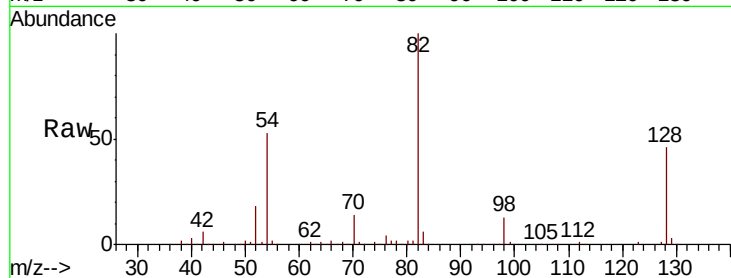
Tot Ion: 82 Resp: 403868

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

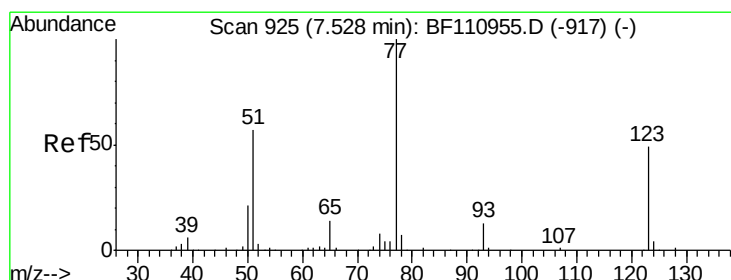
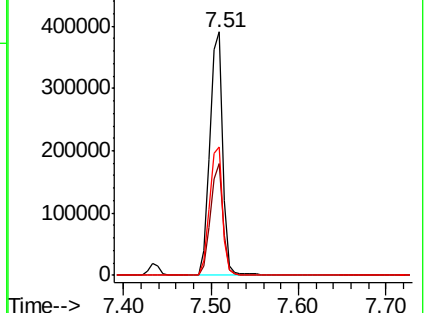
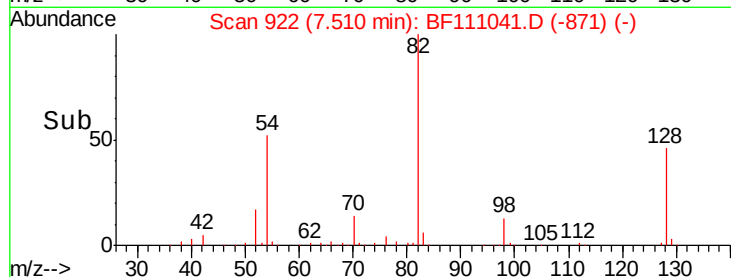
54 52.6 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.492 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

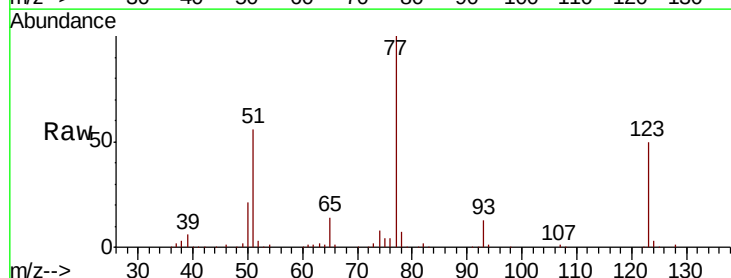
Tgt Ion: 77 Resp: 203731

Ion Ratio Lower Upper

77 100

123 50.1 35.7 53.5

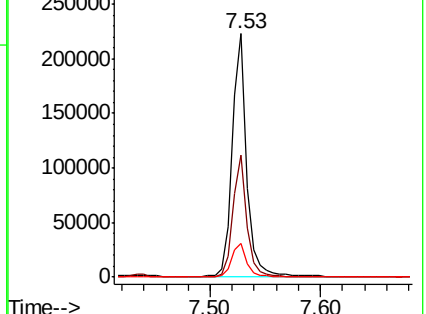
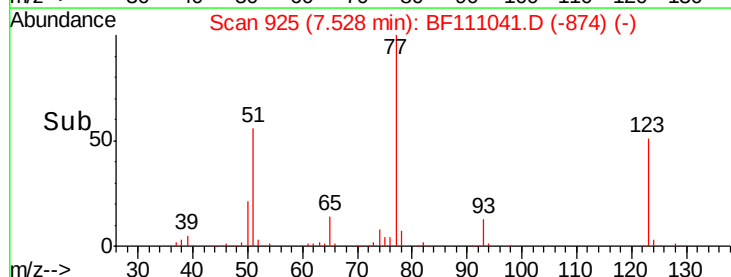
65 13.9 10.7 16.1

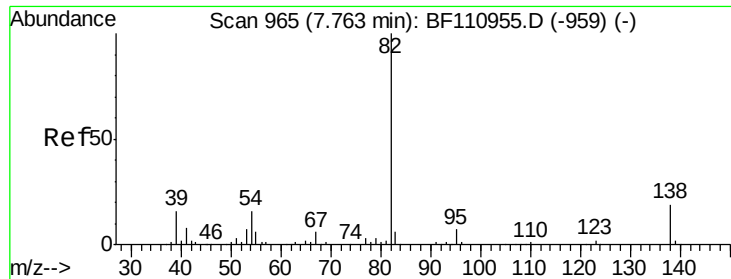


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.140 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

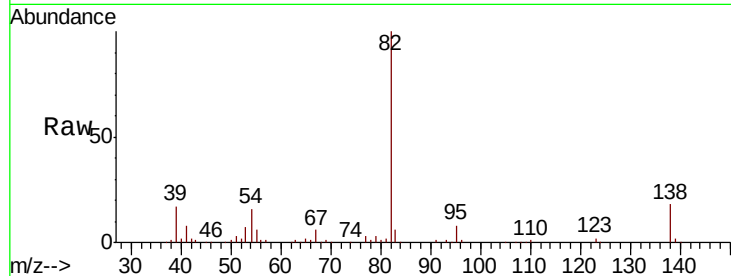
Tot Ion: 82 Resp: 326640

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

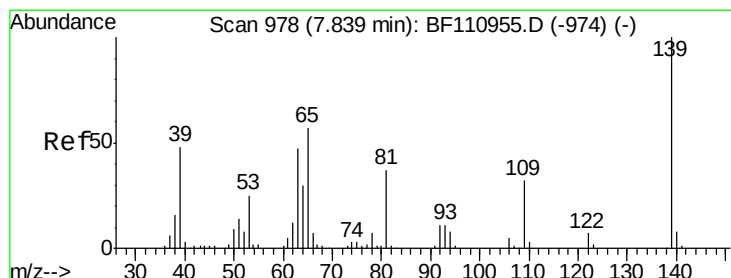
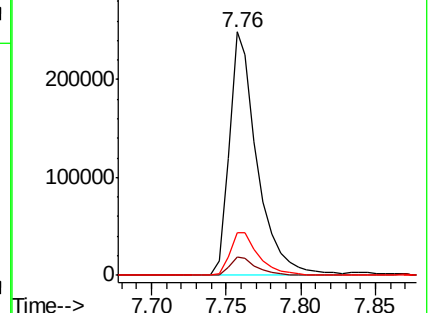
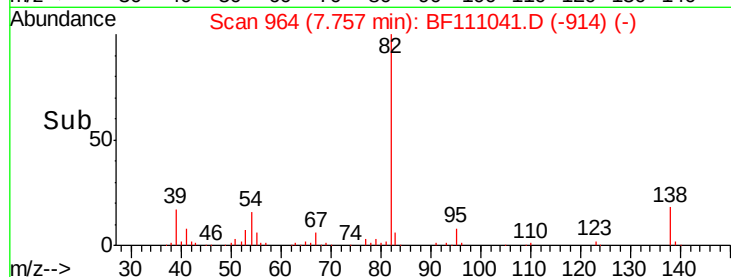
138 17.6 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.341 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

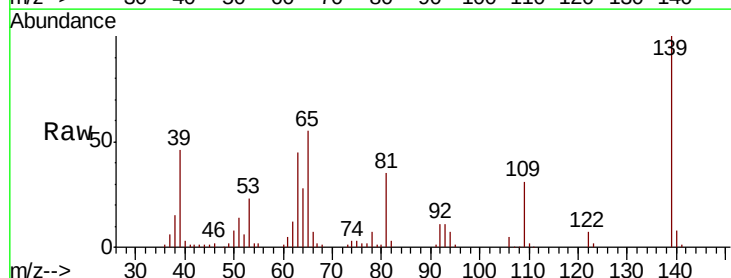
Tgt Ion: 139 Resp: 106121

Ion Ratio Lower Upper

139 100

109 31.1 25.0 37.6

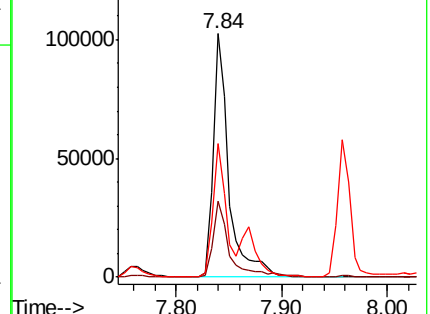
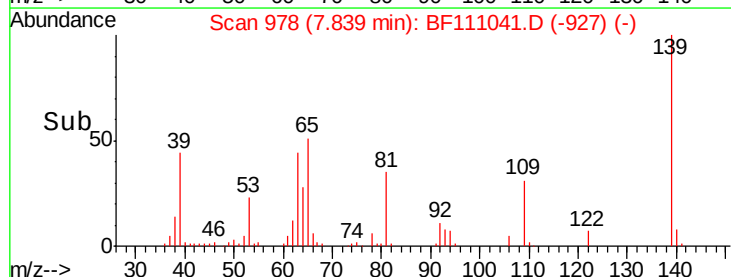
65 54.7 44.0 66.0

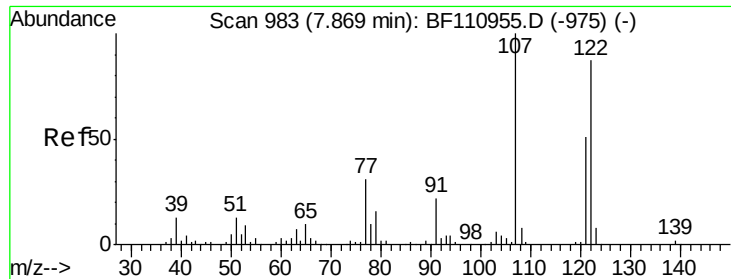


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

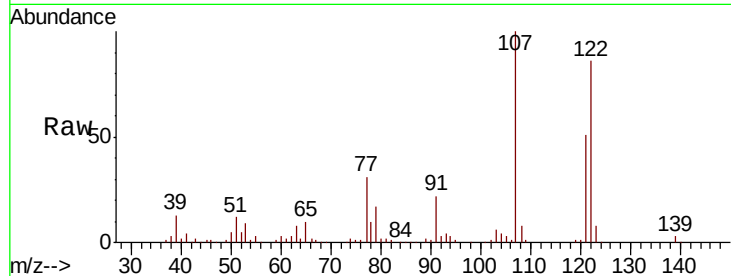




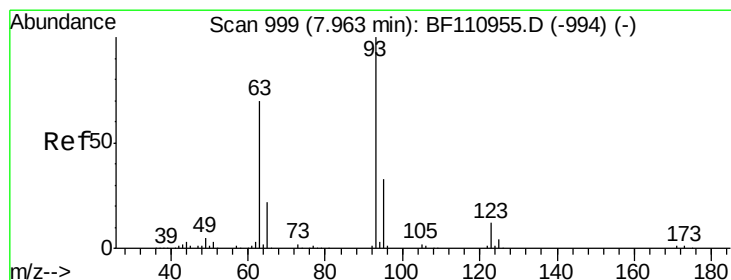
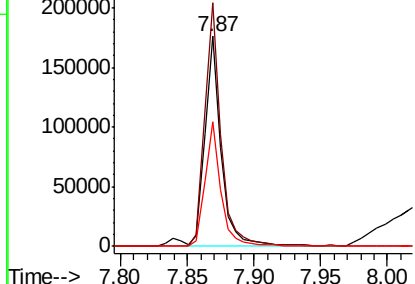
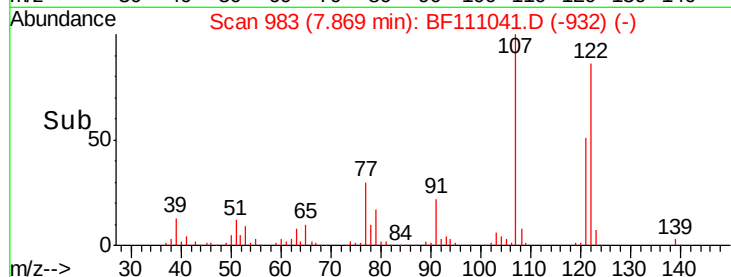
#27
 2,4-Dimethylphenol
 Concen: 39.141 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 148149
 Ion Ratio Lower Upper
 122 100
 107 115.8 92.5 138.7
 121 59.0 45.8 68.8

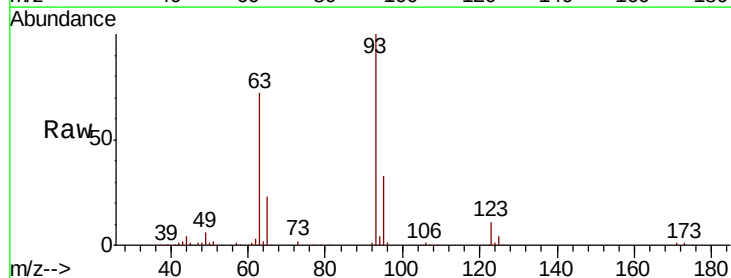


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

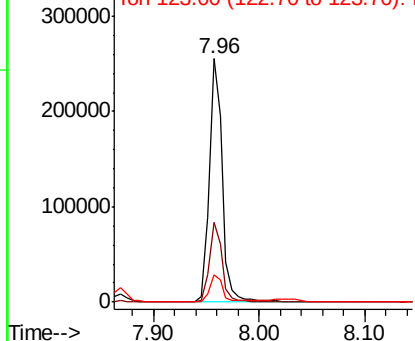
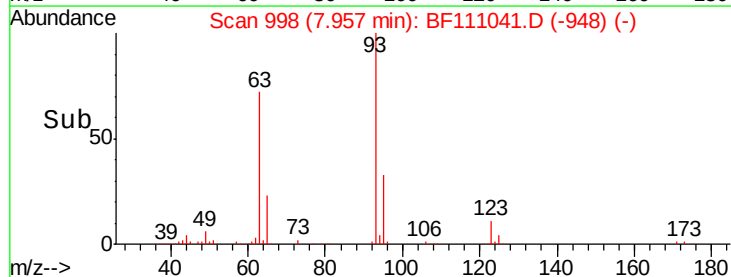


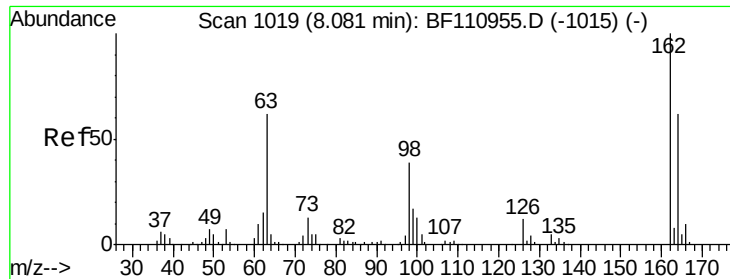
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.226 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion: 93 Resp: 219293
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.2 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

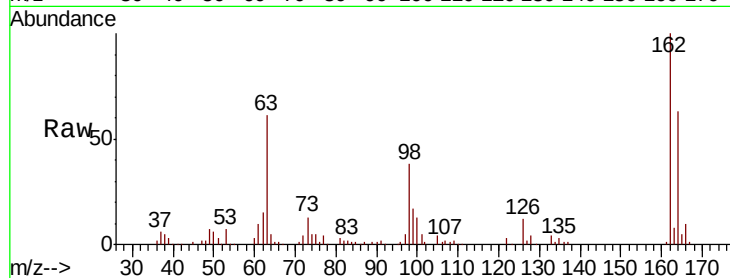




#29
 2,4-Dichlorophenol
 Concen: 41.323 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	38.1	17.4	57.4

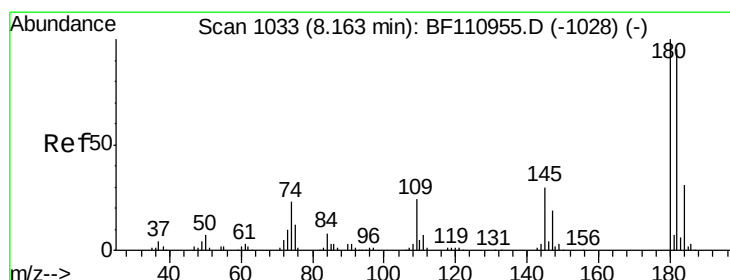
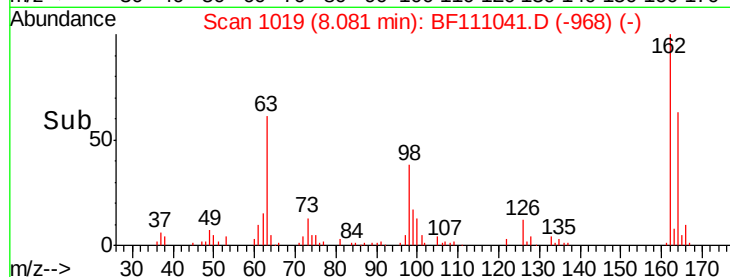
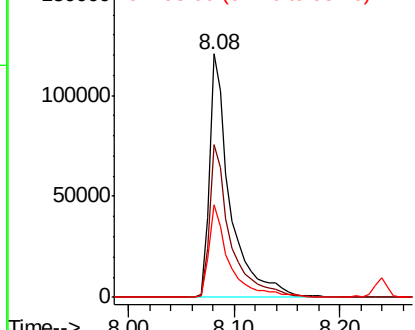


Abundance

Ion 162.00 (161.70 to 162.70): E

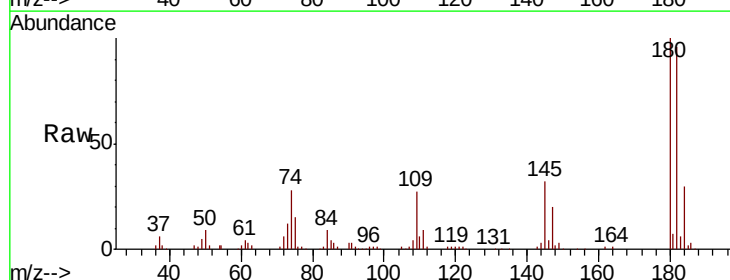
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.376 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	80.3	120.5
145	31.9	25.4	38.0

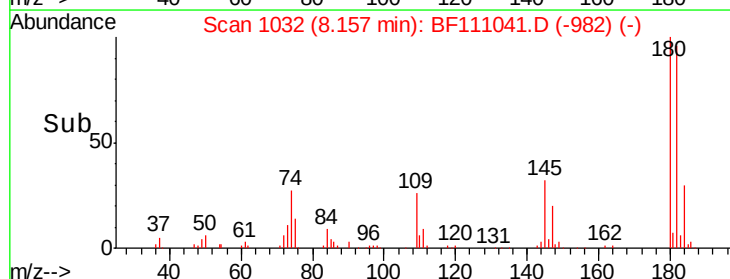
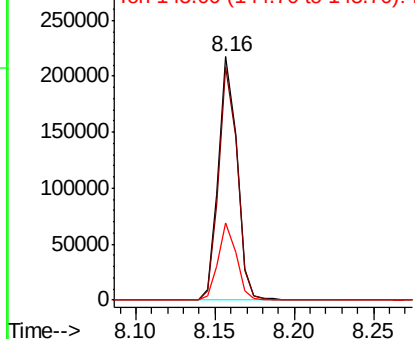


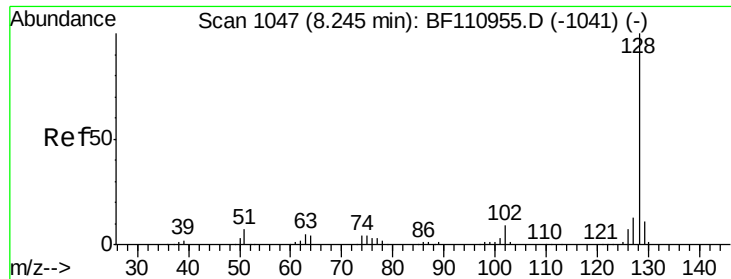
Abundance

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

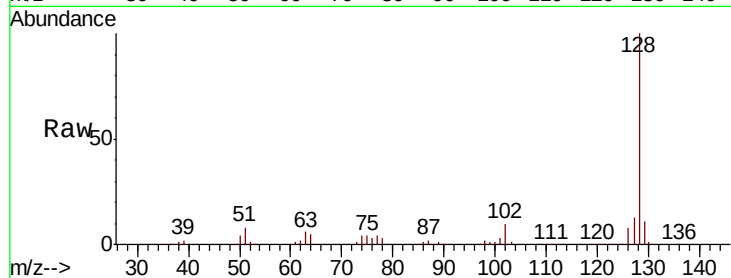




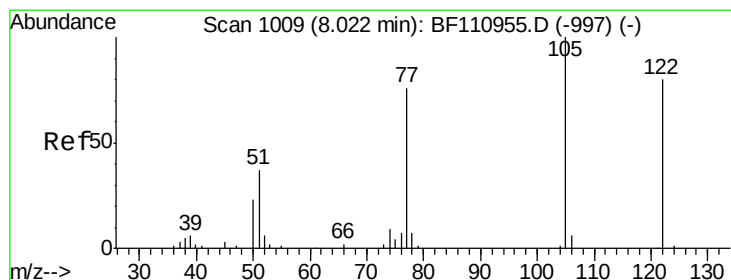
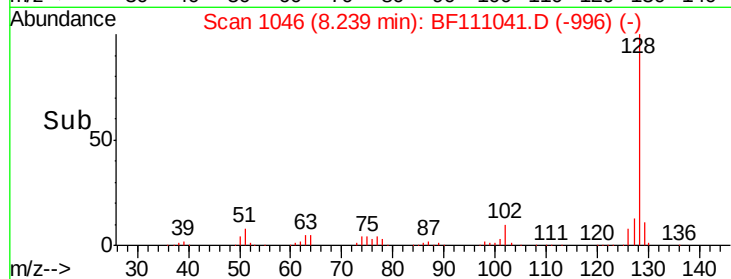
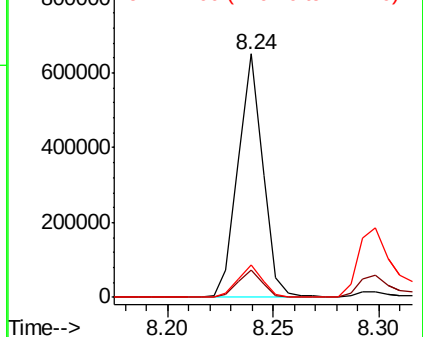
#31
Naphthalene
Concen: 39.740 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 528882
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.8 16.2

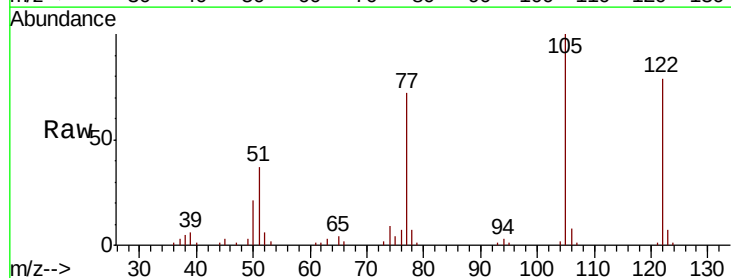


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

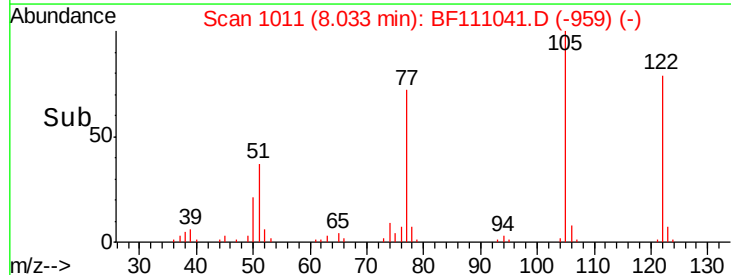
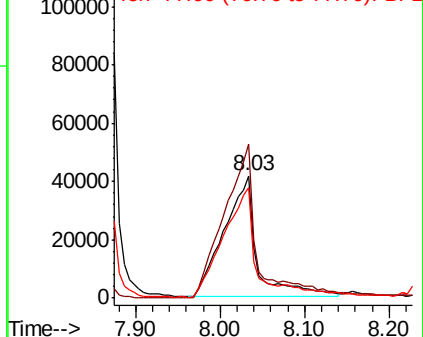


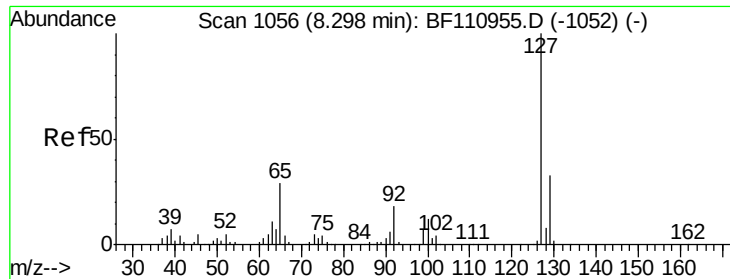
#32
Benzoic acid
Concen: 39.592 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:122 Resp: 111415
Ion Ratio Lower Upper
122 100
105 126.3 109.0 149.0
77 90.6 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

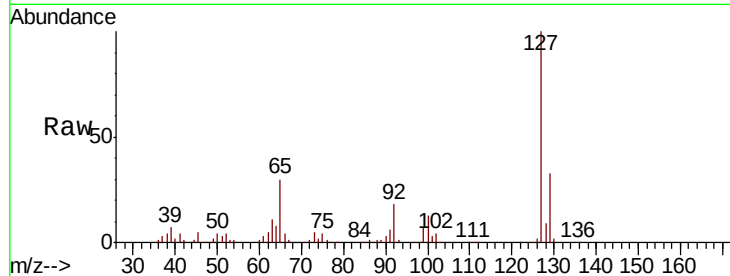




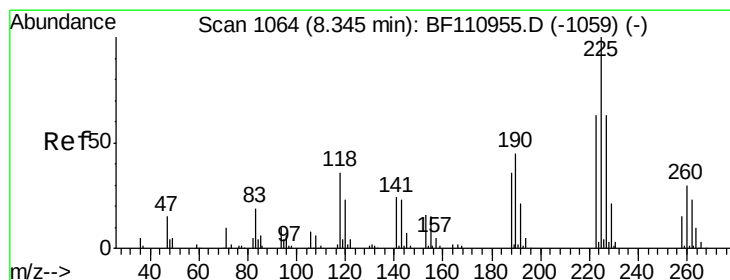
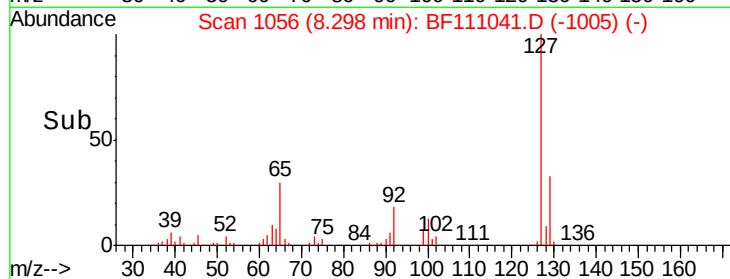
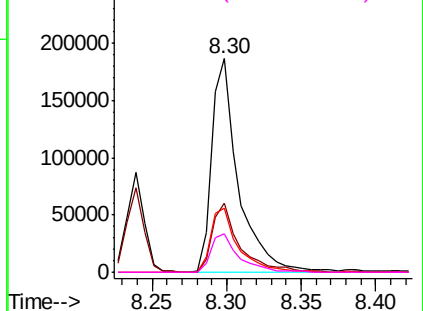
#33
4-Chloroaniline
Concen: 40.397 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	228828
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	30.2	25.1	37.7
92	18.0	15.0	22.6

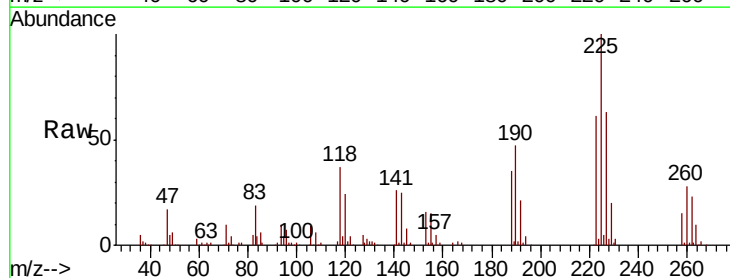


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

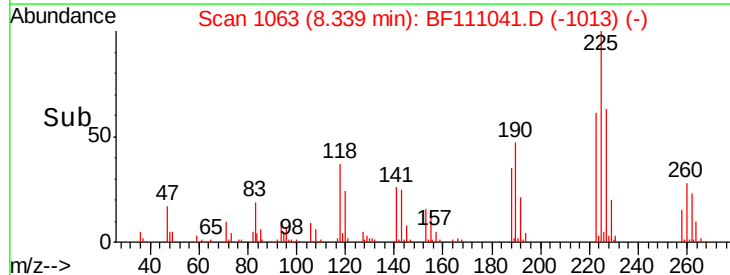
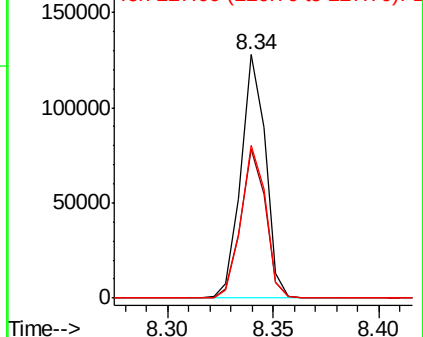


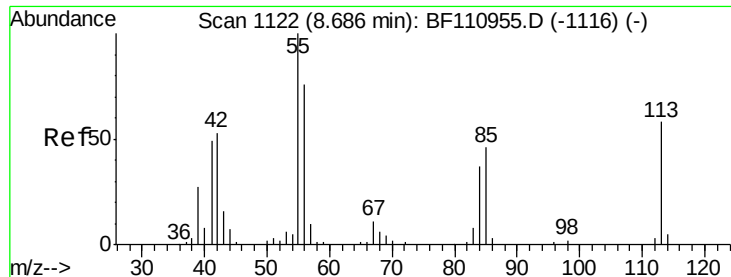
#34
Hexachlorobutadiene
Concen: 40.884 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:	225	Resp:	103360
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.4	77.2
227	62.9	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: 39.315 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

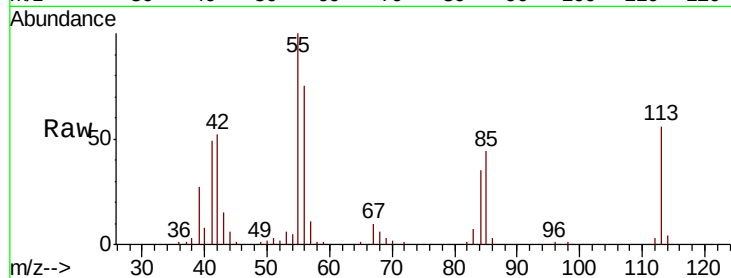
Tot Ion:113 Resp: 53161

Ion Ratio Lower Upper

113 100

55 178.7 142.8 182.8

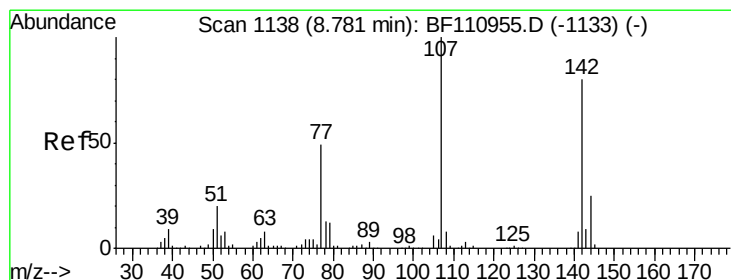
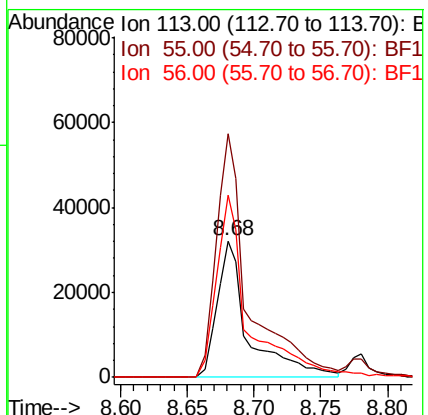
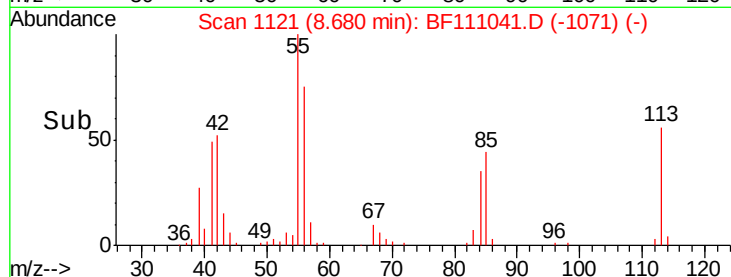
56 134.1 105.0 145.0



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: 40.786 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

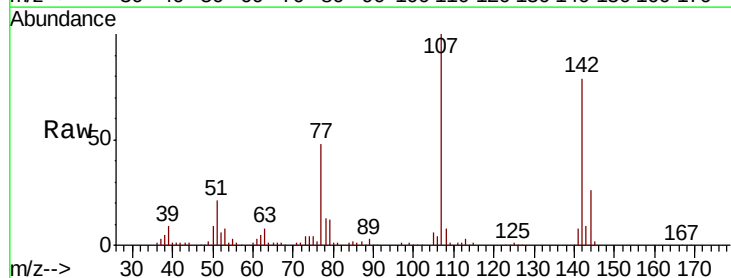
Tgt Ion:107 Resp: 179489

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

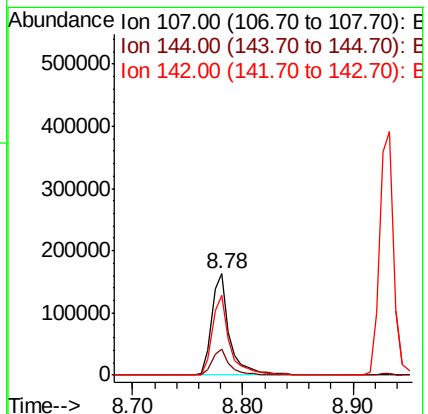
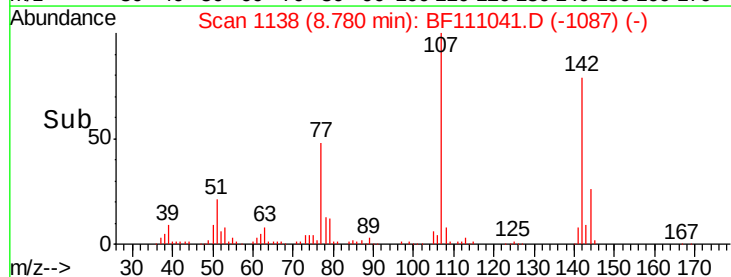
142 79.0 59.7 89.5

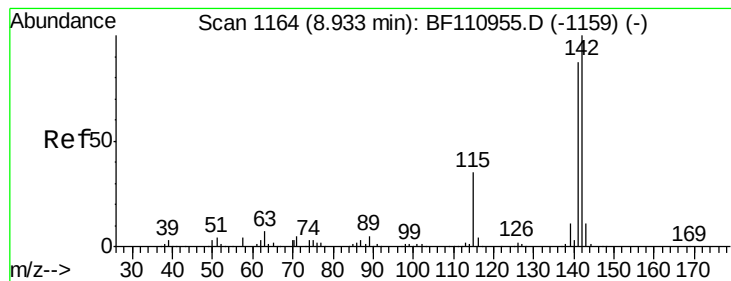


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

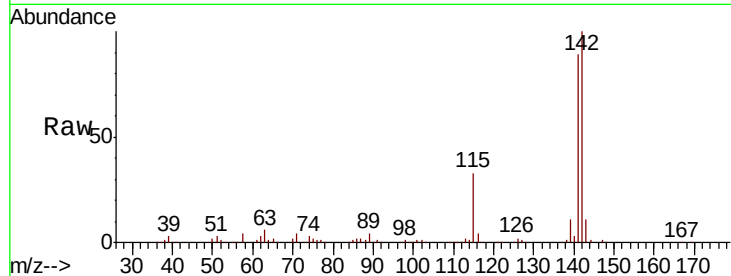




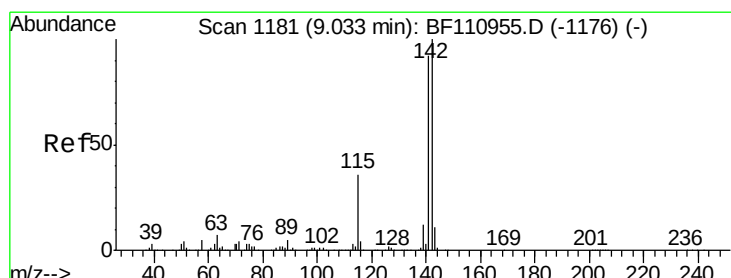
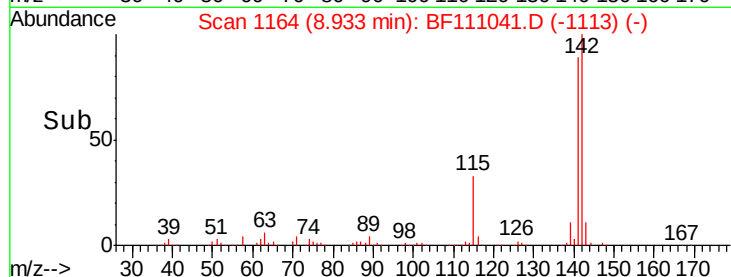
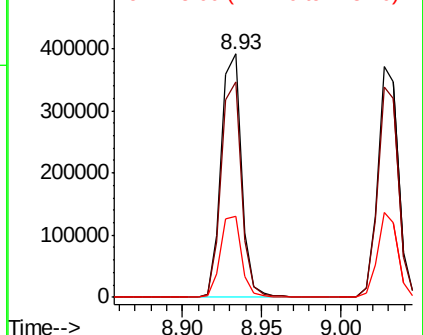
#37
2-Methylnaphthalene
Concen: 39.978 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	33.4	28.7	43.1

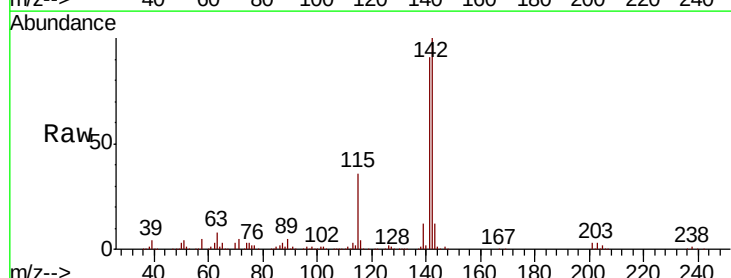


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

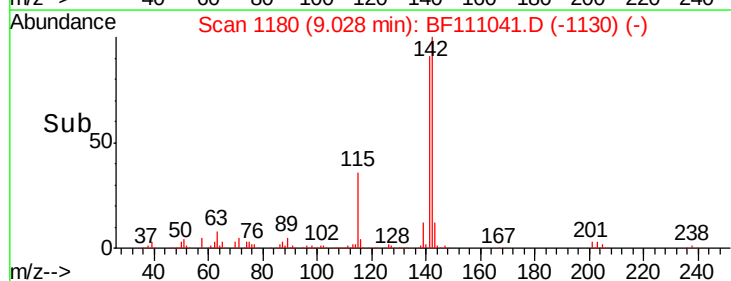
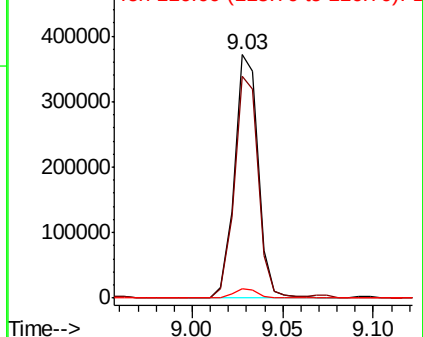


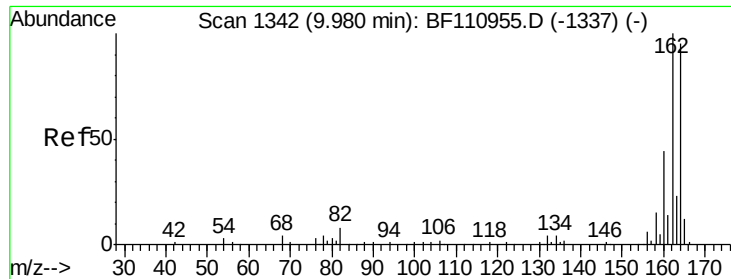
#38
1-Methylnaphthalene
Concen: 39.385 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.9	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

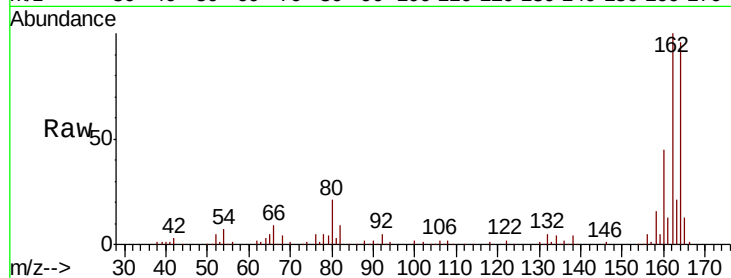




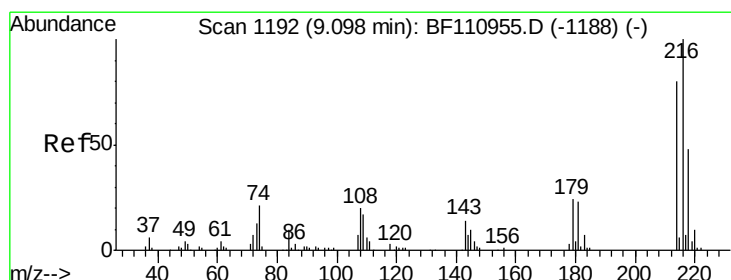
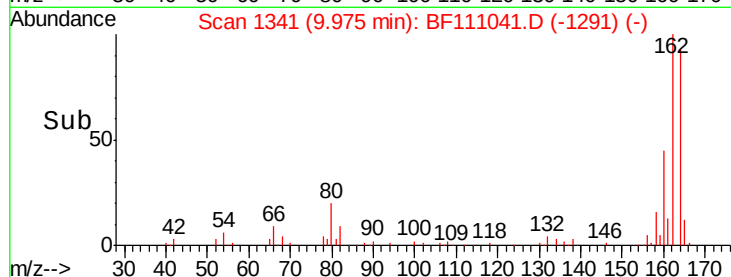
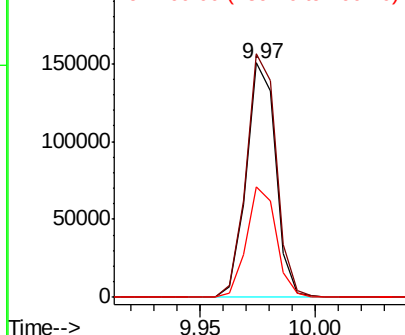
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 134423
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.0 124.6
 160 47.0 37.0 55.6

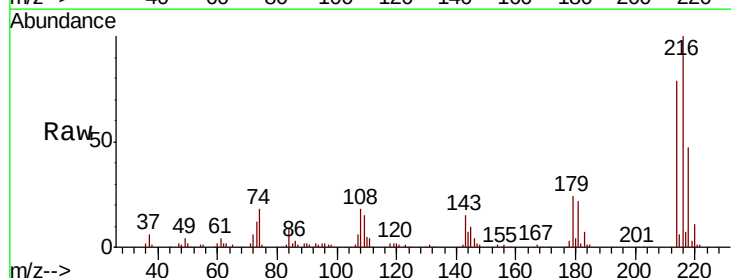


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

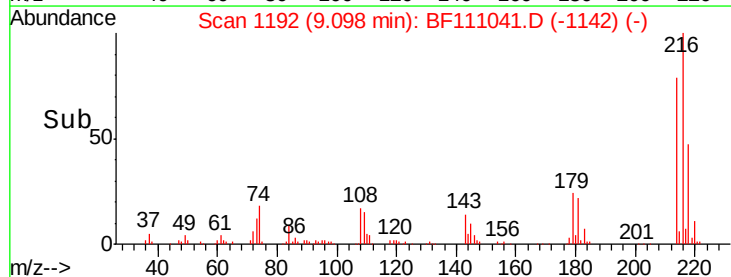
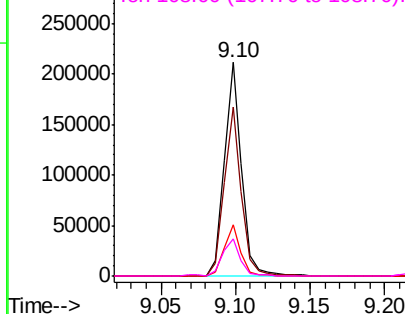


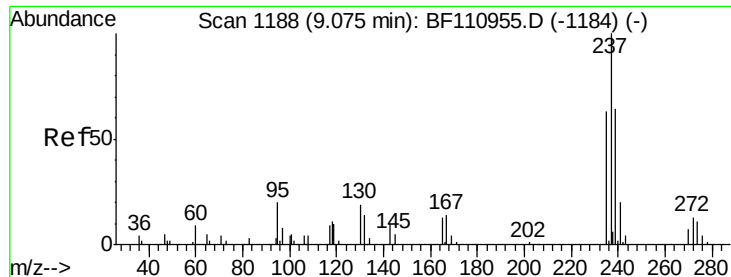
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.985 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion:216 Resp: 173310
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.8 95.6
 179 23.2 16.6 25.0
 108 18.5 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

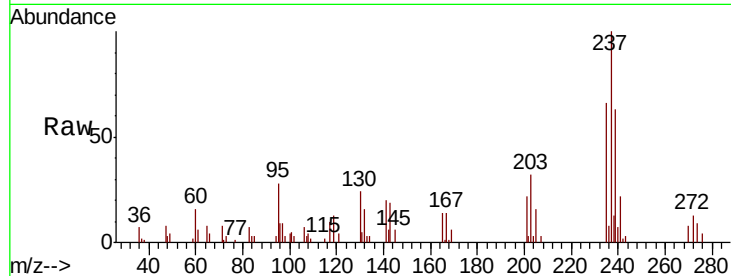




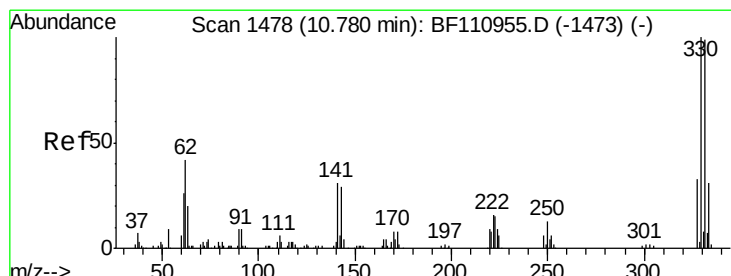
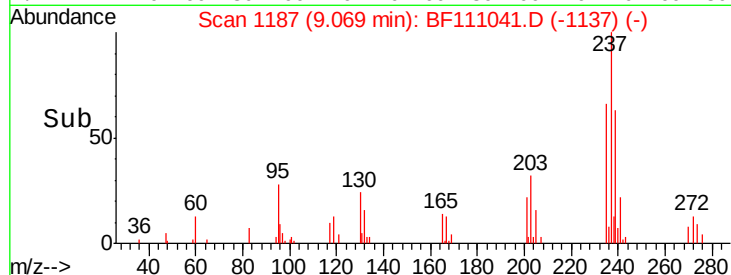
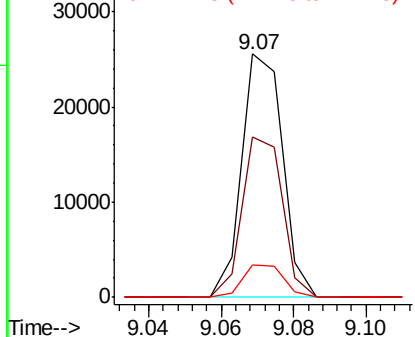
#41
Hexachlorocyclopentadiene
Concen: 44.474 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.9	43.1	83.1
272	13.2	0.0	32.6

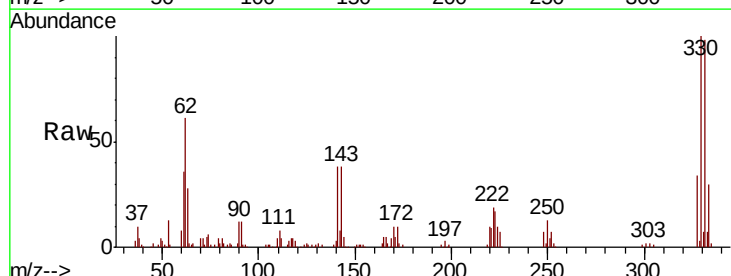


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

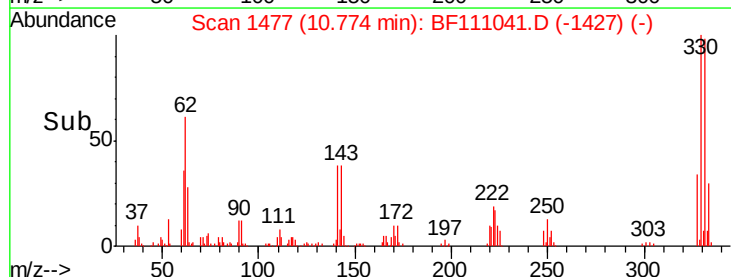
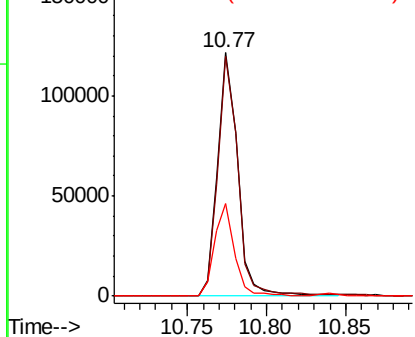


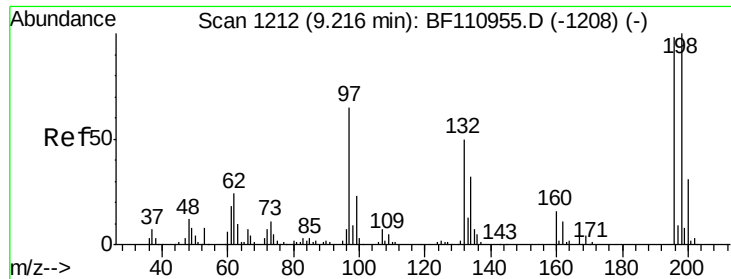
#42
2,4,6-Tribromophenol
Concen: 80.822 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.1	115.7
141	37.7	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

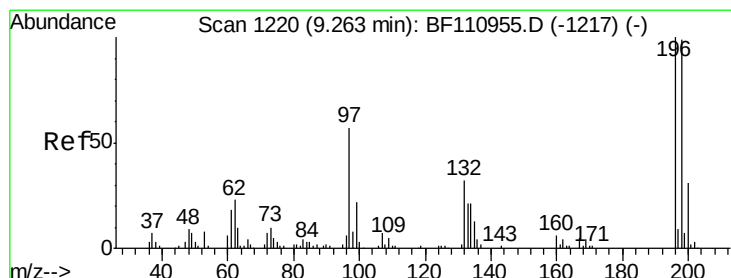
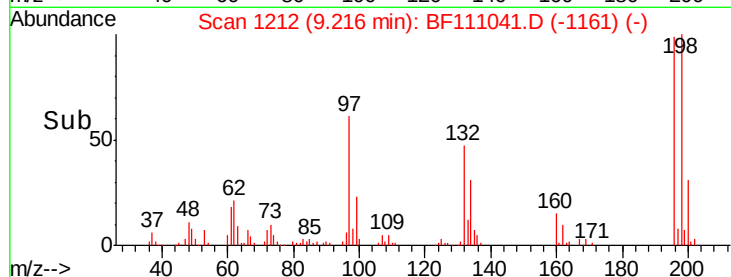
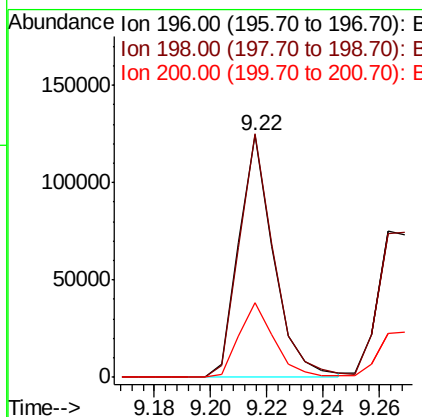
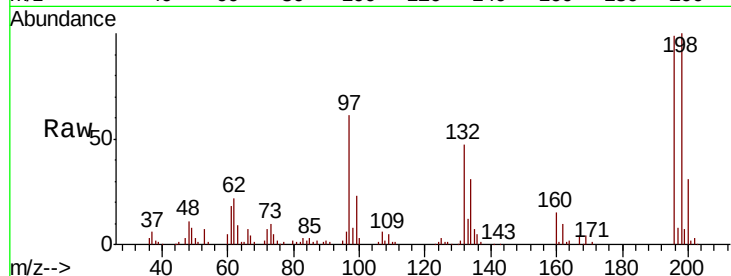




#43
 2,4,6-Trichlorophenol
 Concen: 42.215 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

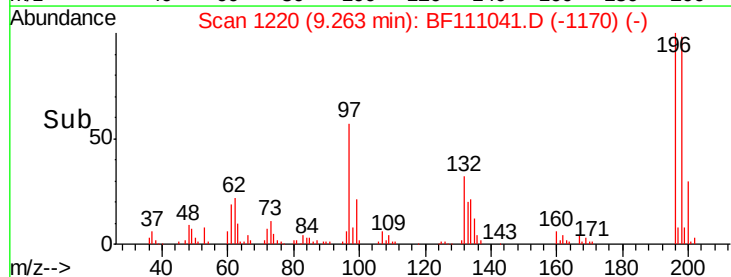
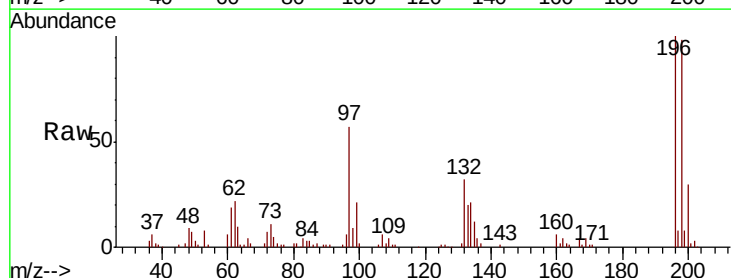
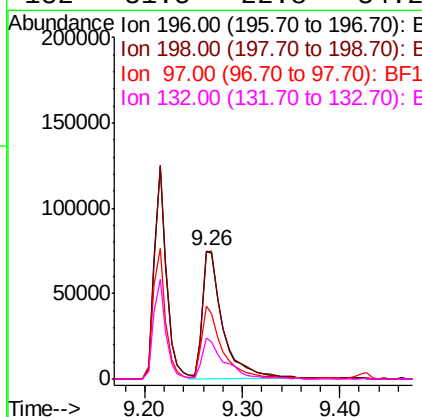
Instrument :
 BNA_F
 ClientSampled :

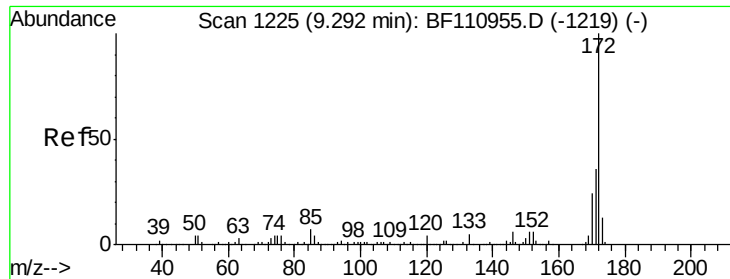
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	76.2	114.4
200	31.0	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.309 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.8	113.6
97	56.9	42.4	63.6
132	31.5	22.8	34.2

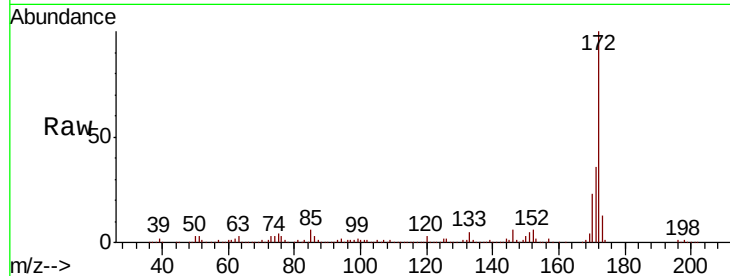




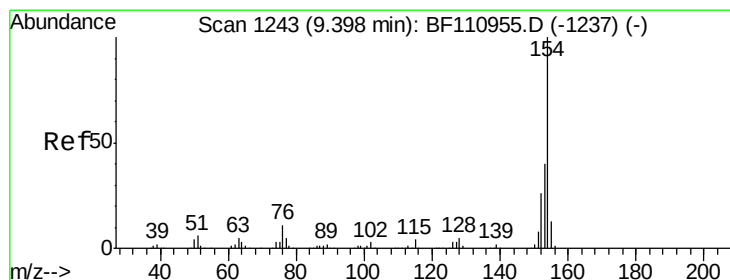
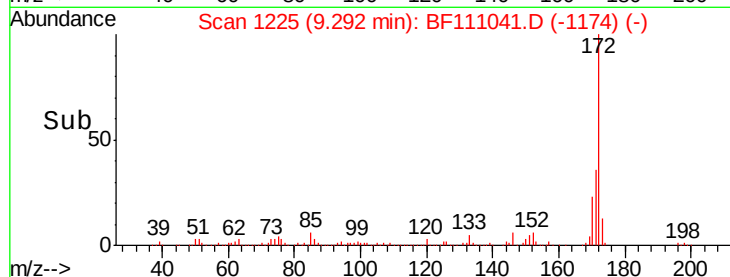
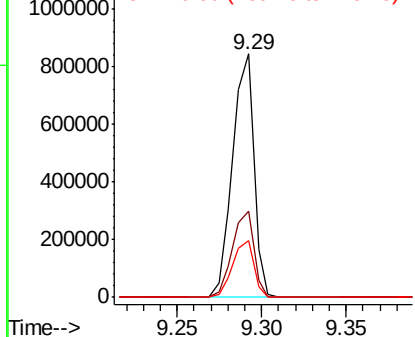
#45
2-Fluorobiphenyl
Concen: 80.129 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 743472
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 19.7 29.5

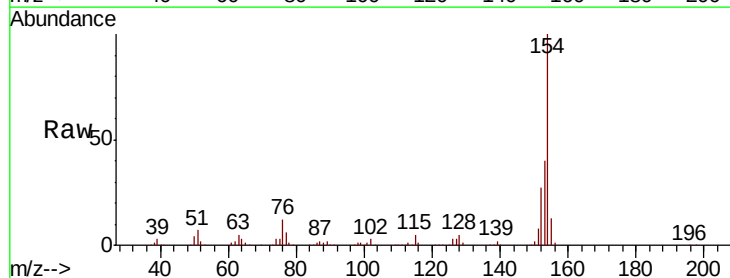


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

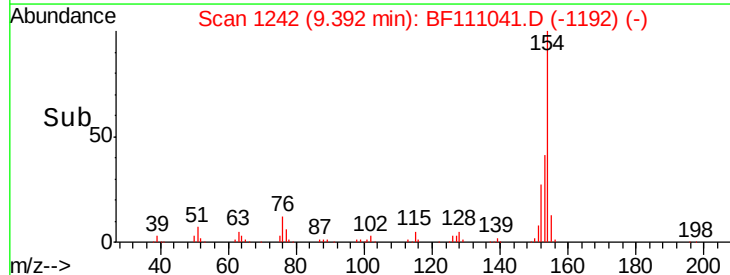
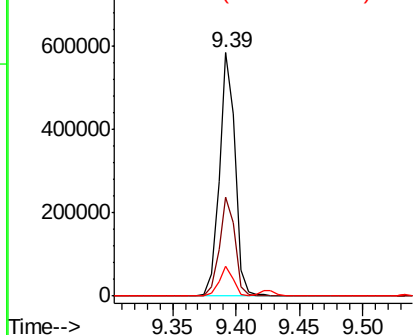


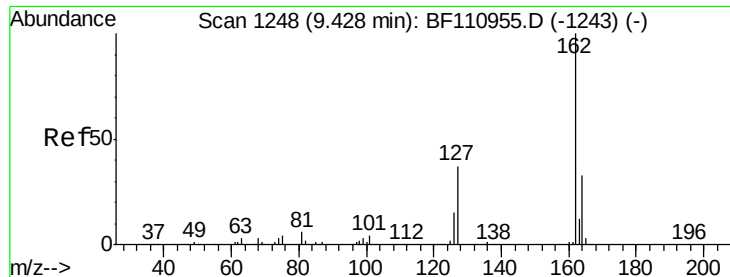
#46
1,1'-Biphenyl
Concen: 41.028 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:154 Resp: 508460
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.1 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: 40.364 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

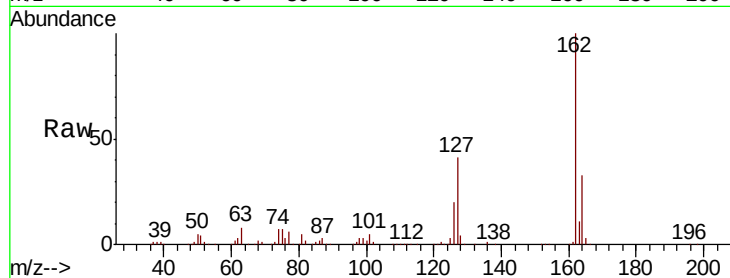
Tot Ion:162 Resp: 362695

Ion Ratio Lower Upper

162 100

127 40.6 32.6 48.8

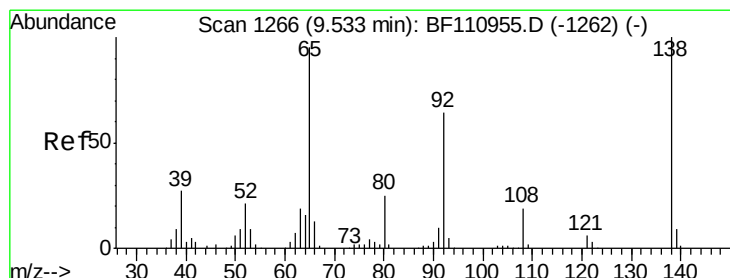
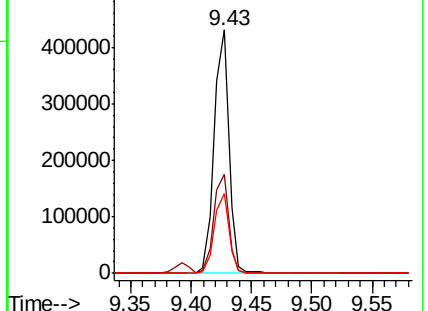
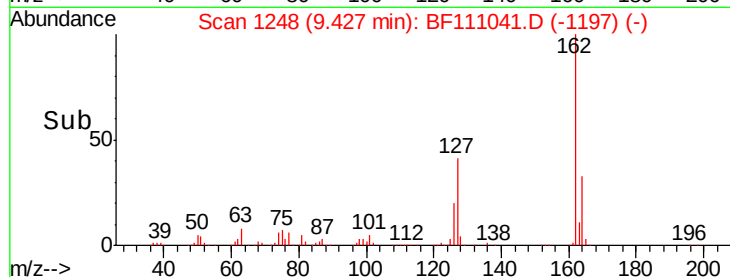
164 32.6 25.9 38.9



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: 41.573 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

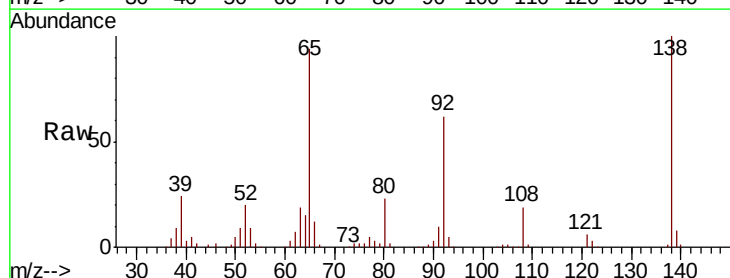
Tgt Ion: 65 Resp: 116845

Ion Ratio Lower Upper

65 100

92 65.8 54.6 81.8

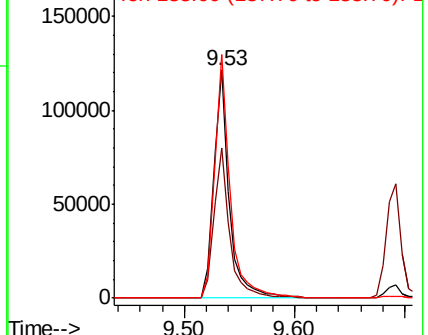
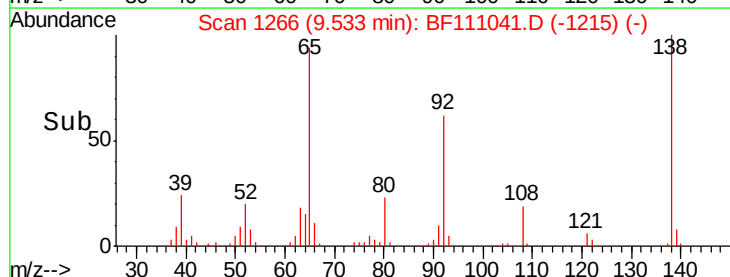
138 106.8 80.3 120.5

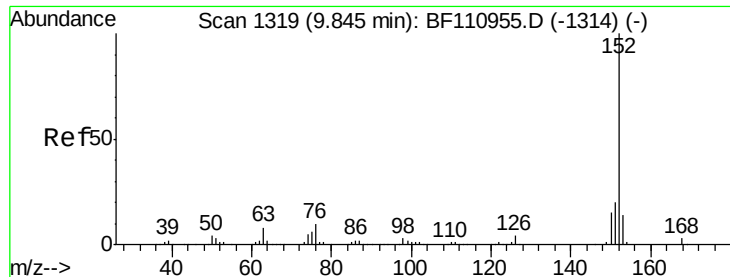


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.168 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

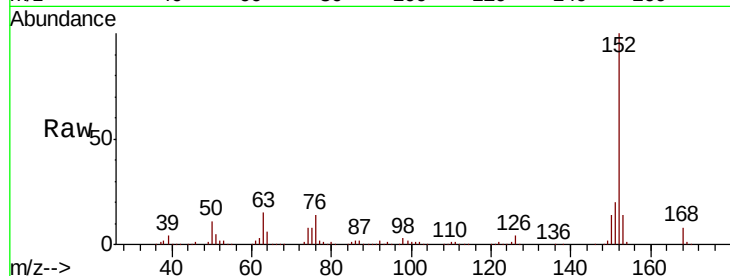
Tot Ion:152 Resp: 513244

Ion Ratio Lower Upper

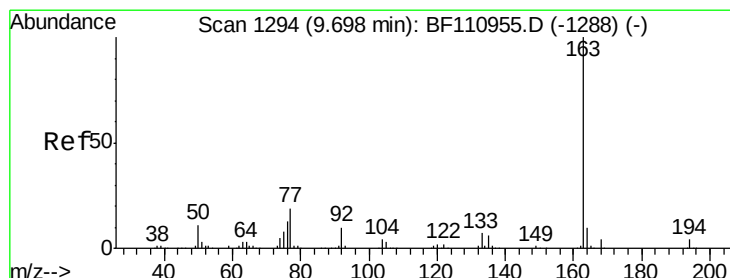
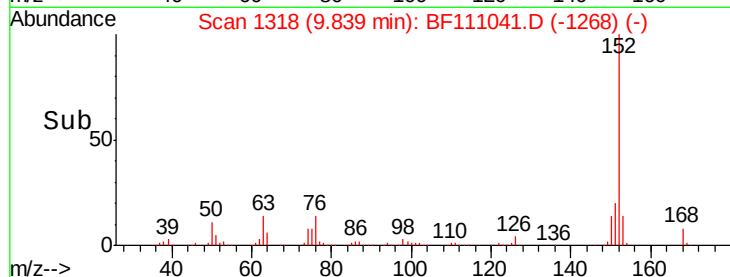
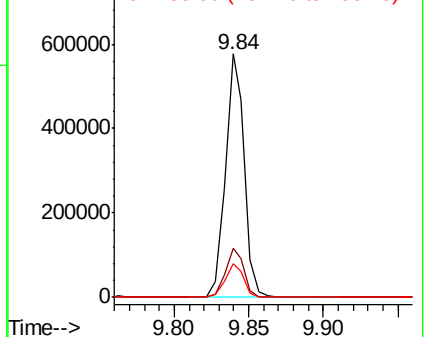
152 100

151 20.2 15.8 23.8

153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.462 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

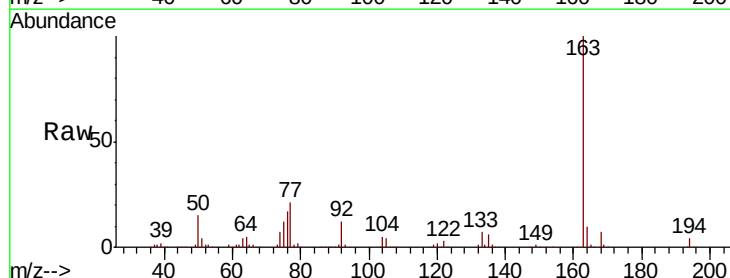
Tgt Ion:163 Resp: 389036

Ion Ratio Lower Upper

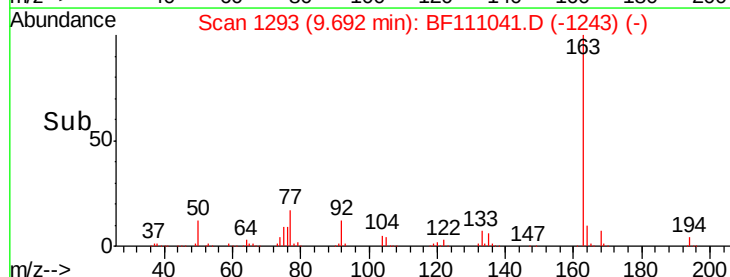
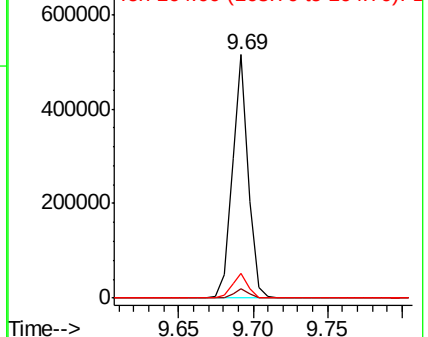
163 100

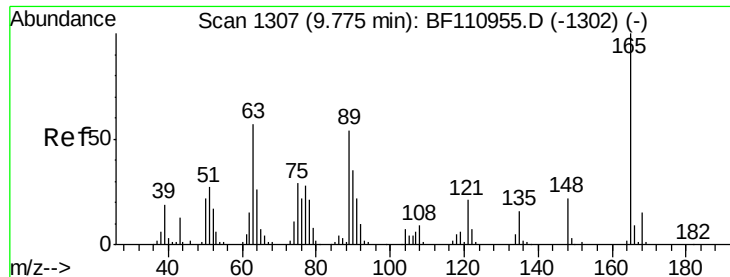
194 3.6 3.2 4.8

164 10.0 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: 40.147 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

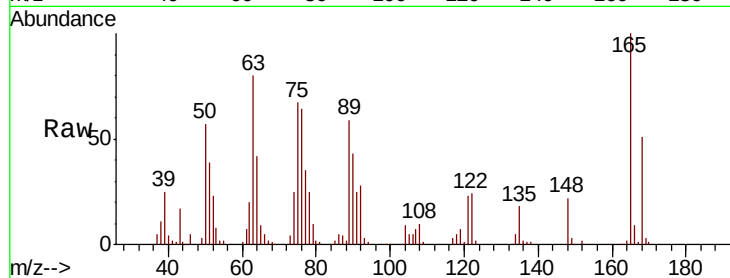
Tot Ion:165 Resp: 88113

Ion Ratio Lower Upper

165 100

63 80.0 48.9 73.3#

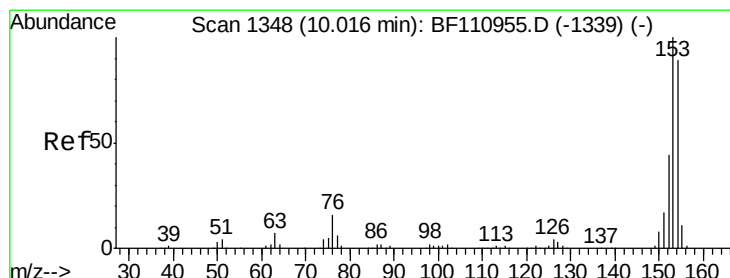
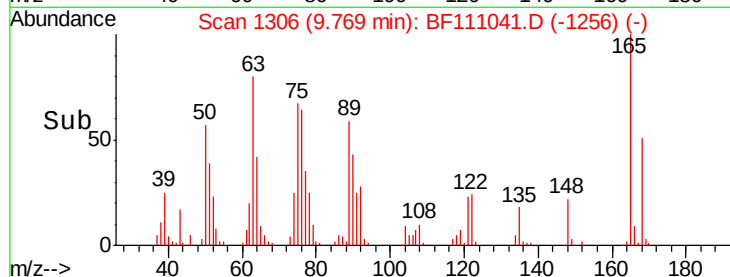
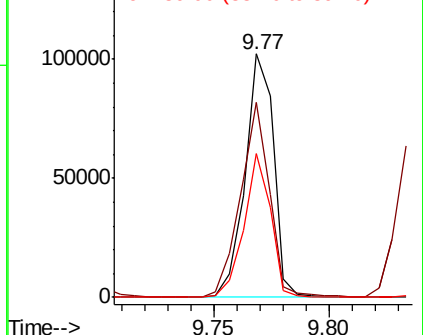
89 59.3 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.374 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

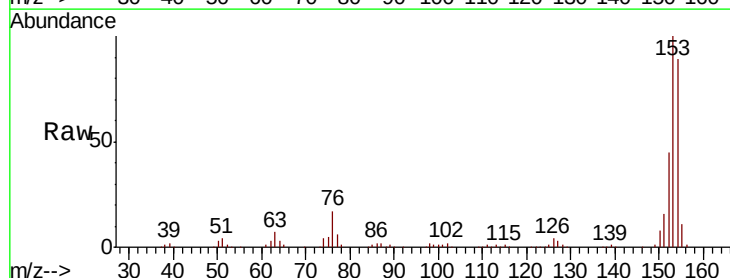
Tgt Ion:154 Resp: 330708

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

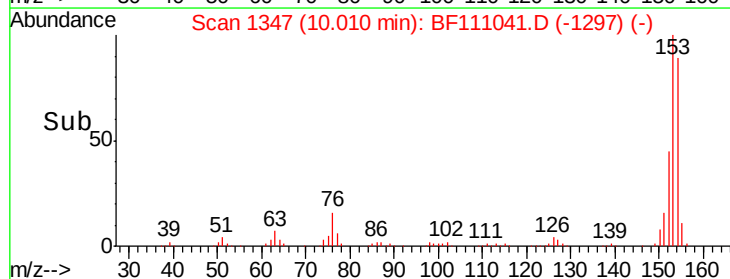
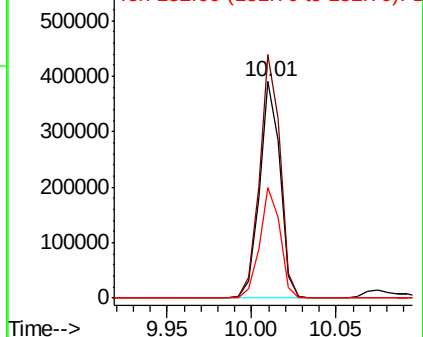
152 51.1 43.4 65.2

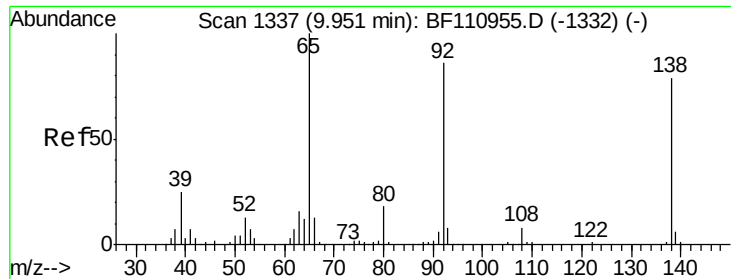


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

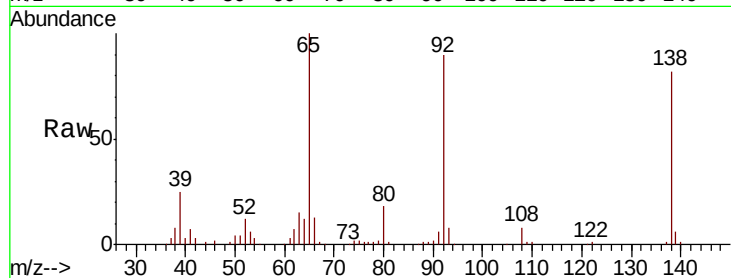




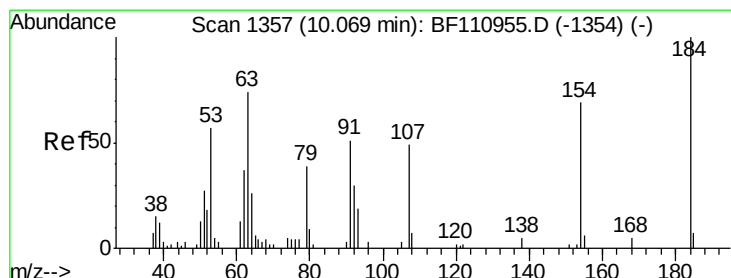
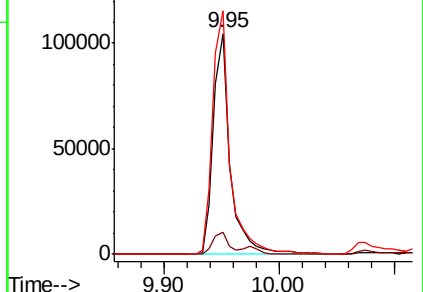
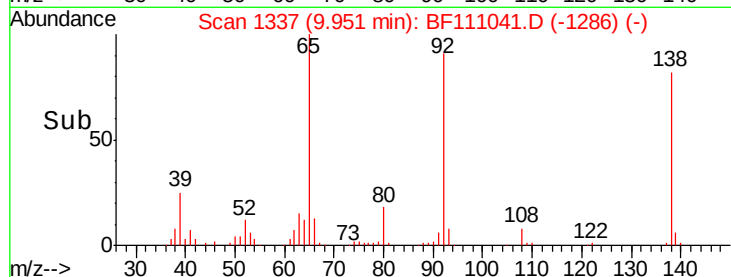
#53
3-Nitroaniline
Concen: 41.770 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106847
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 110.2 97.0 145.4

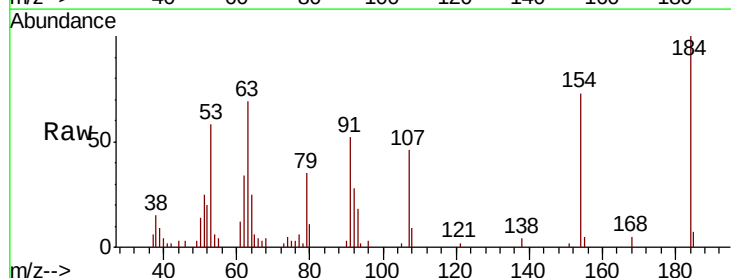


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

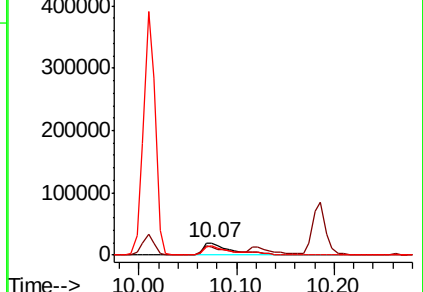
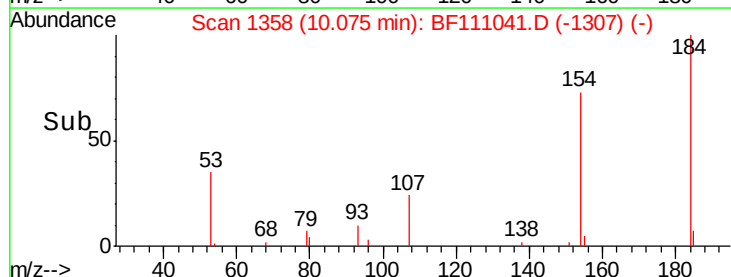


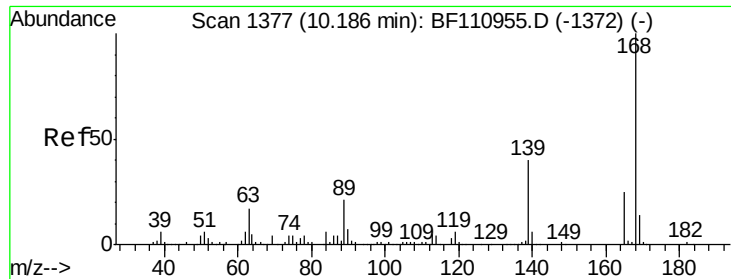
#54
2,4-Dinitrophenol
Concen: 55.844 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:184 Resp: 42390
Ion Ratio Lower Upper
184 100
63 69.3 55.8 83.6
154 72.7 63.2 94.8



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

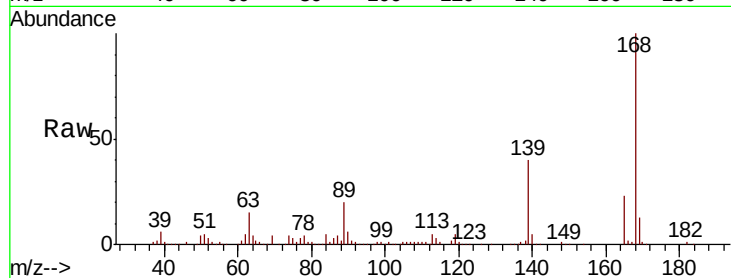




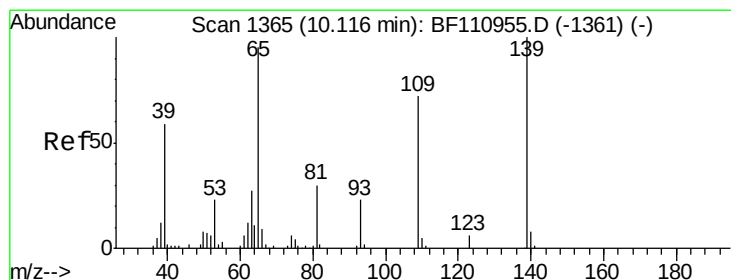
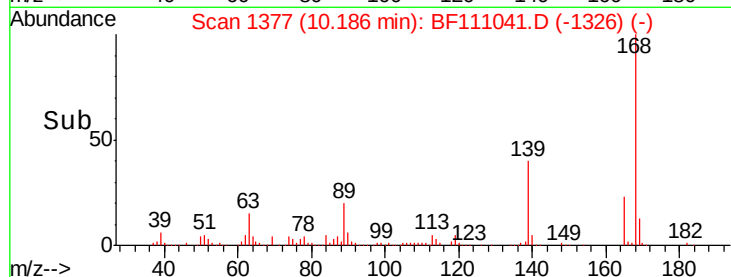
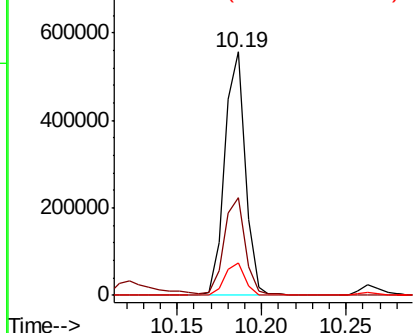
#55
Dibenzofuran
Concen: 39.467 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 471630
Ion Ratio Lower Upper
168 100
139 40.1 33.0 49.6
169 13.1 11.3 16.9

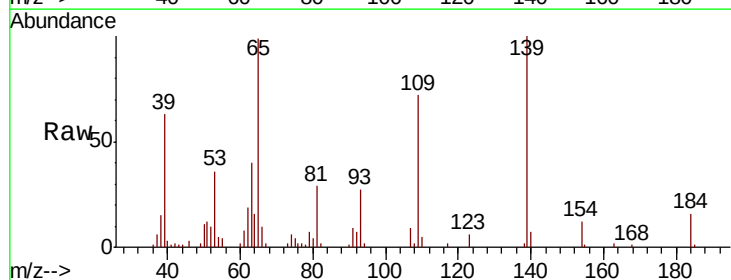


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

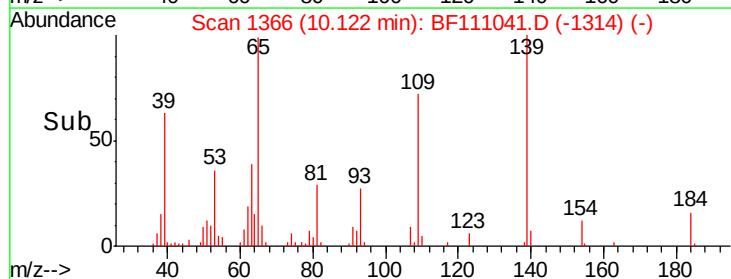
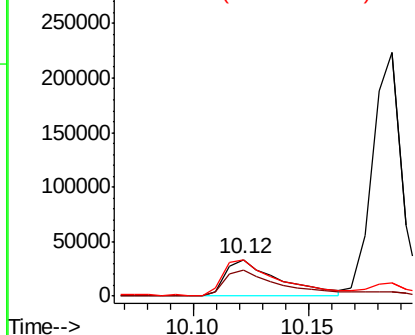


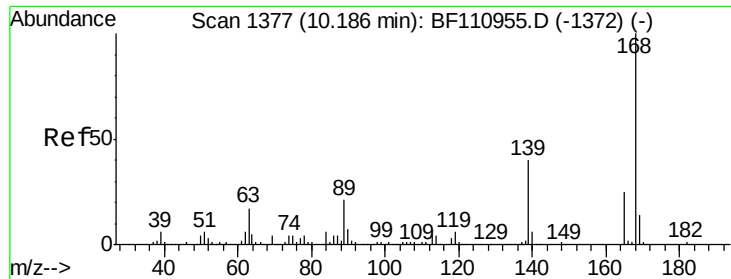
#56
4-Nitrophenol
Concen: 40.160 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:139 Resp: 53939
Ion Ratio Lower Upper
139 100
109 71.7 55.8 95.8
65 99.0 77.9 117.9



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

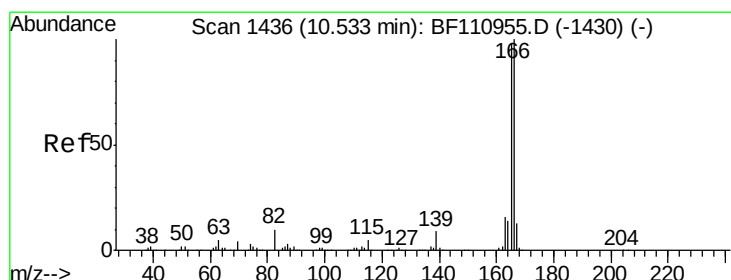
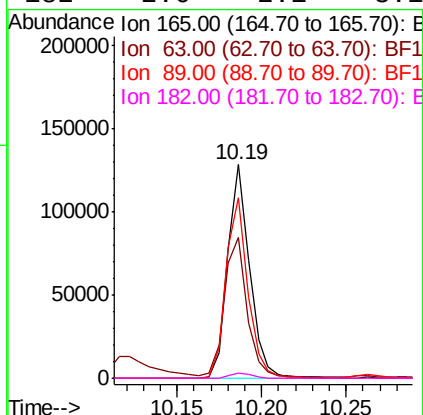
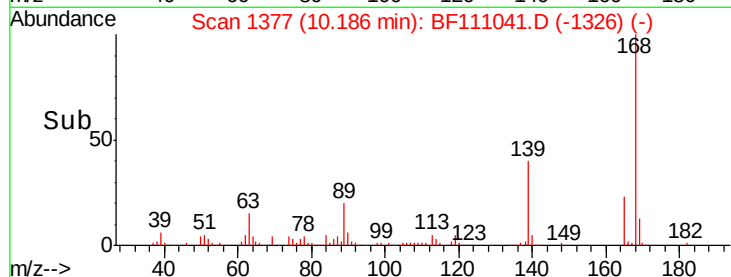
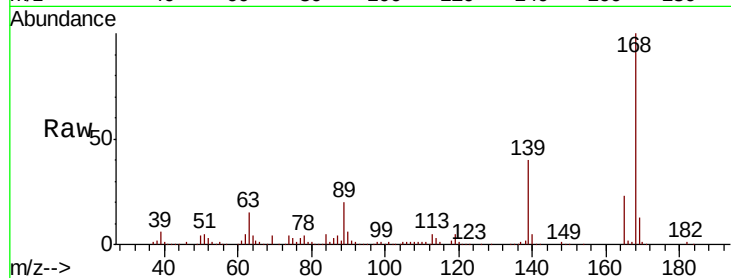




#57
2,4-Dinitrotoluene
Concen: 40.700 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

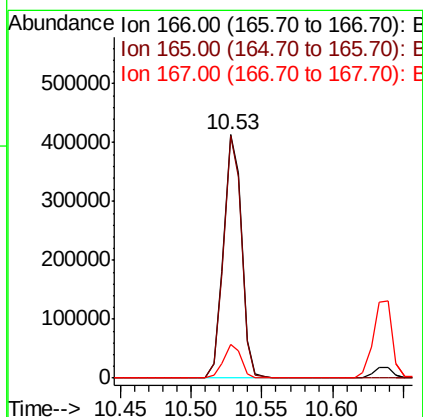
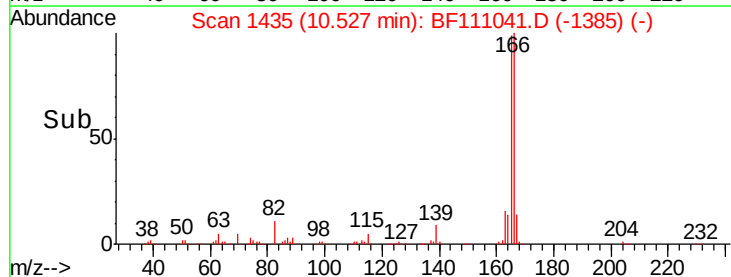
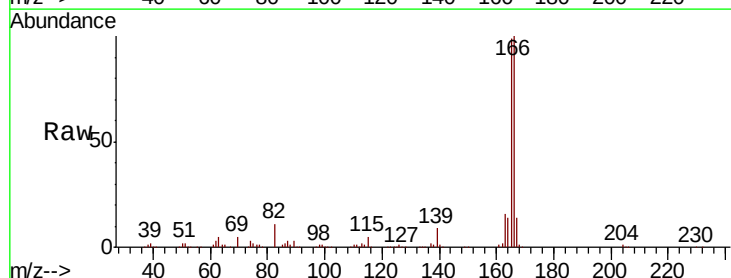
Instrument :
BNA_F
ClientSampleId :

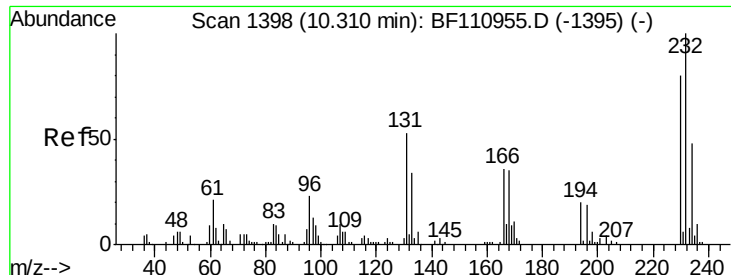
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.8	44.8	67.2
89	84.6	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 39.810 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	13.7	10.8	16.2

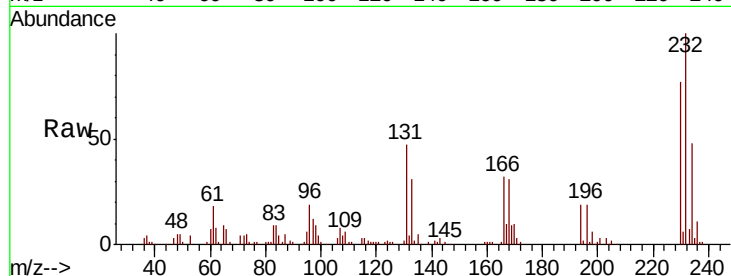




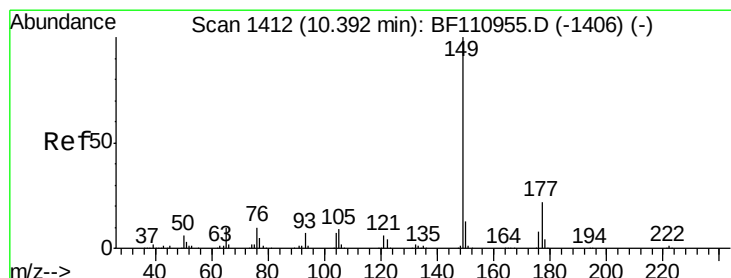
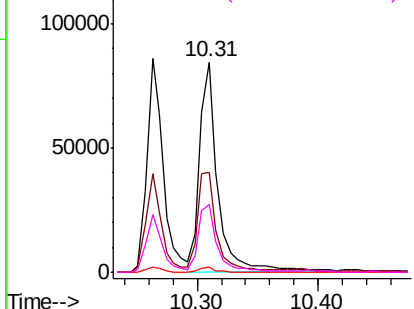
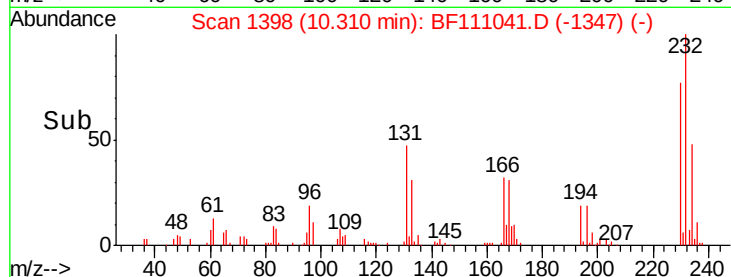
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.766 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.9	37.0	55.4
130	2.2	1.8	2.6
166	32.5	22.0	33.0

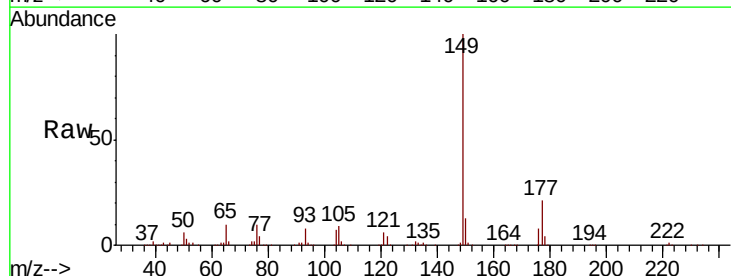


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

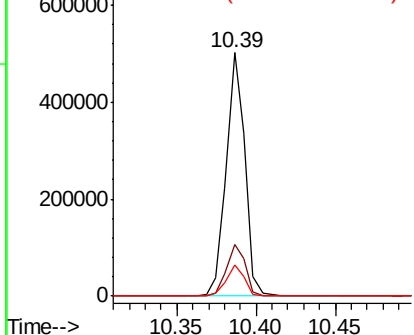
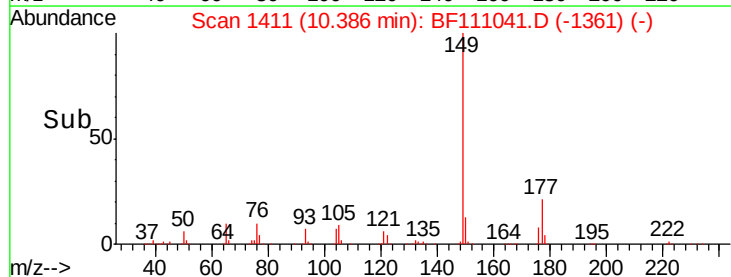


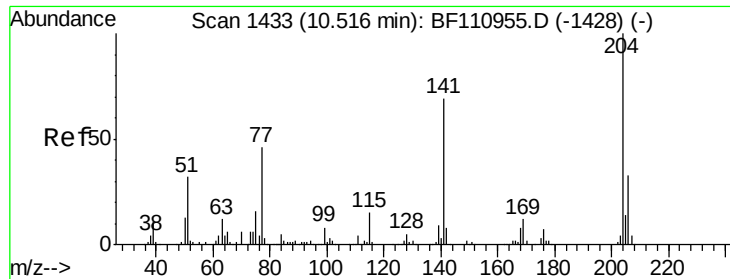
#60
 Diethylphthalate
 Concen: 40.011 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.7	9.8	14.8



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

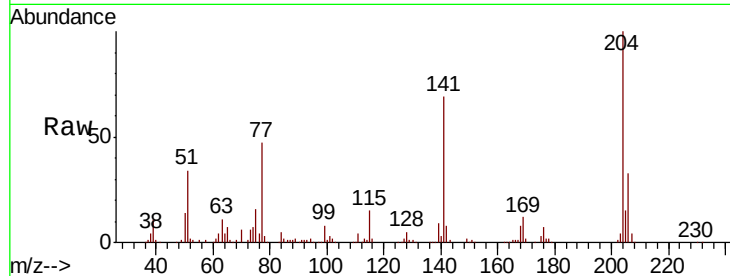




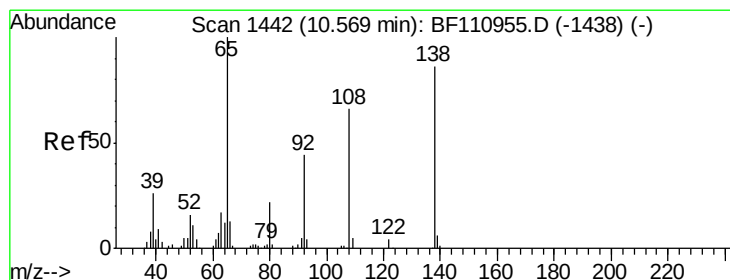
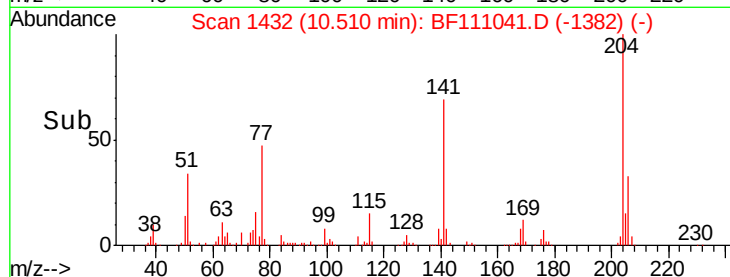
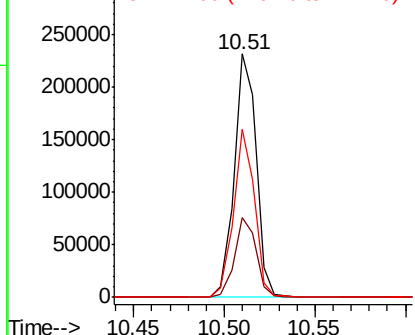
#61
4-Chlorophenyl-phenylether
Concen: 40.124 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 195125
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 69.2 51.8 77.8

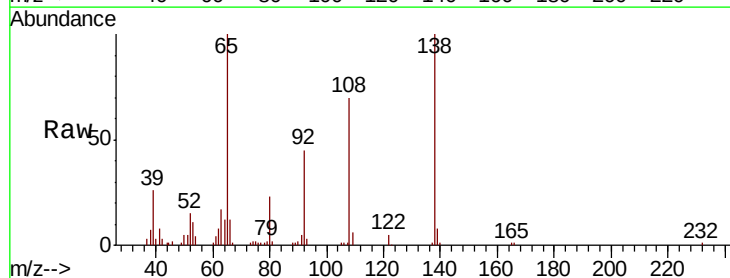


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

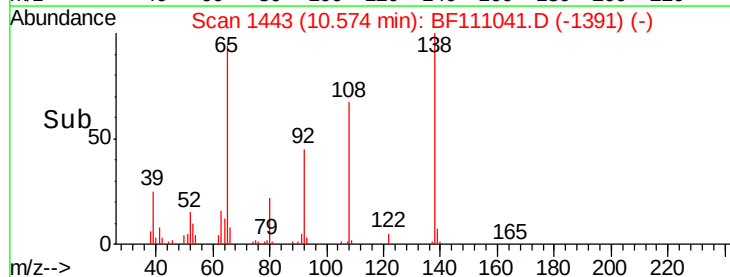
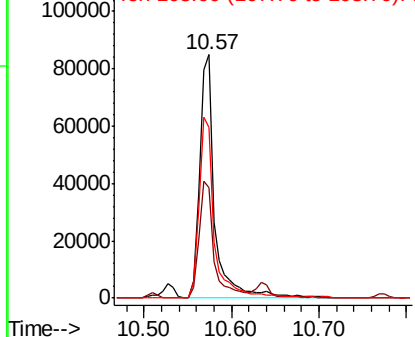


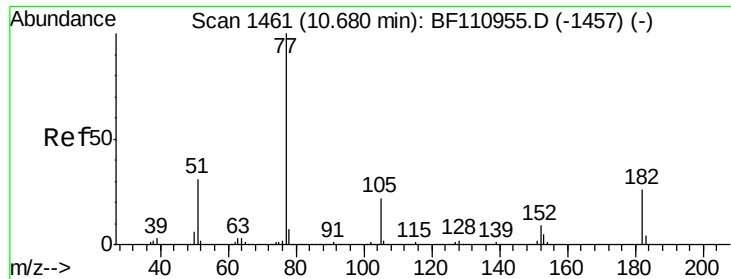
#62
4-Nitroaniline
Concen: 42.822 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:138 Resp: 101990
Ion Ratio Lower Upper
138 100
92 45.2 31.7 71.7
108 70.0 59.3 99.3



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





#63

Azobenzene

Concen: 39.856 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 394941

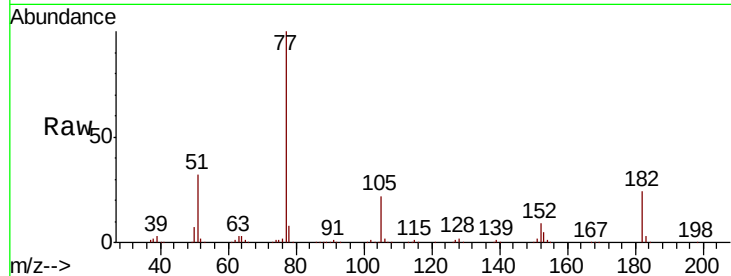
Ion Ratio Lower Upper

77 100

182 24.2 4.3 44.3

105 22.0 1.3 41.3

51 31.9 9.0 49.0

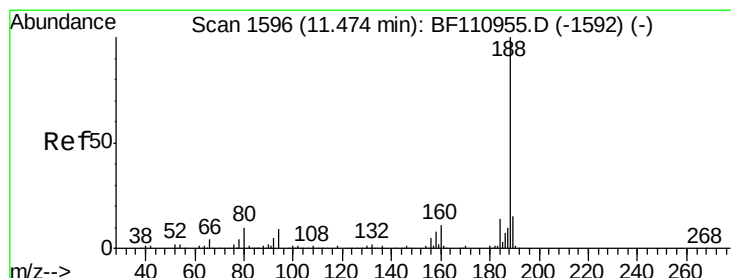
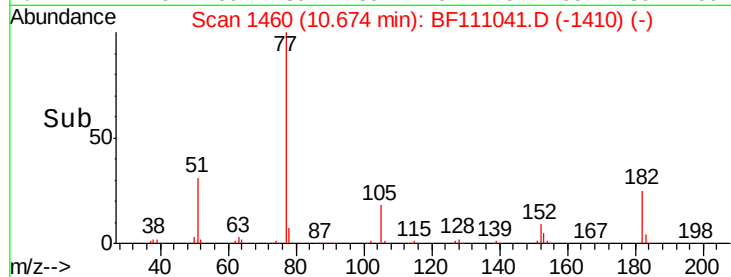
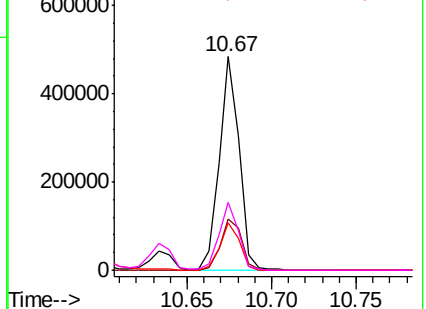


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

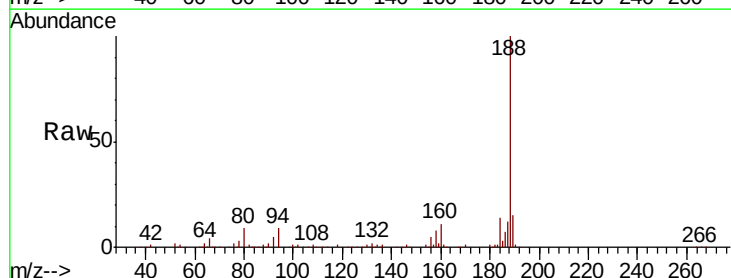
Tgt Ion: 188 Resp: 254474

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

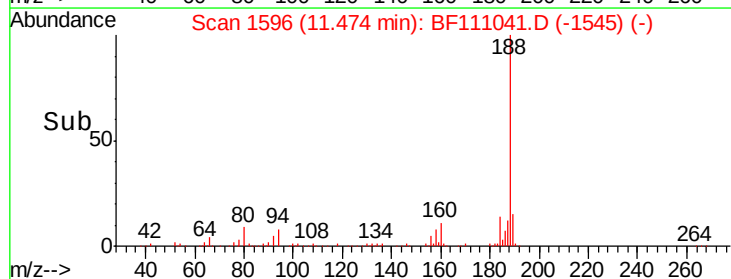
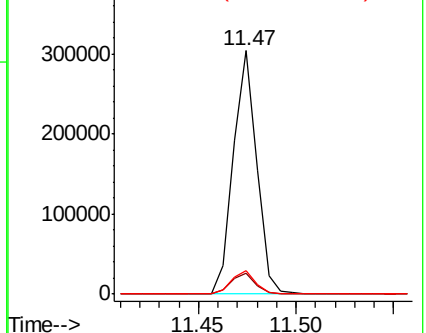
80 9.4 7.9 11.9

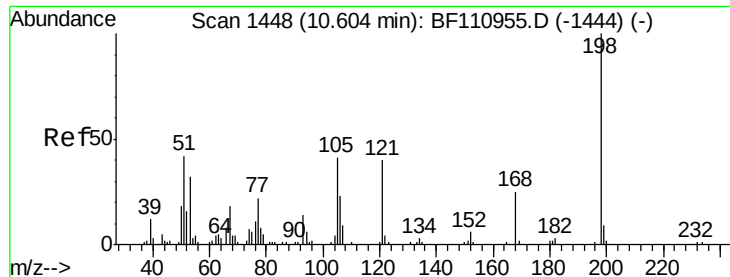


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.646 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

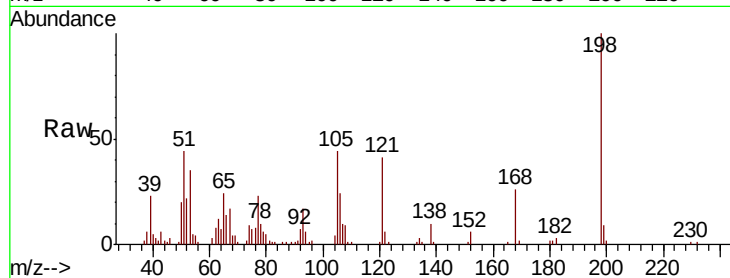
Tot Ion:198 Resp: 50132

Ion Ratio Lower Upper

198 100

51 44.2 22.8 62.8

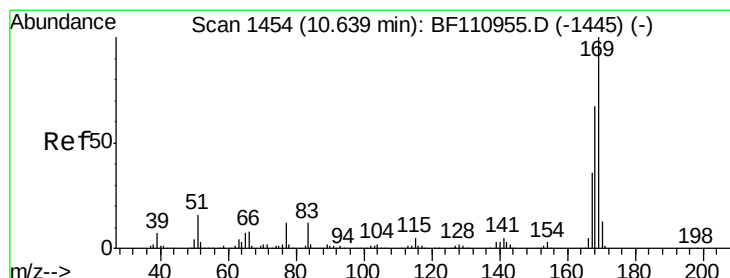
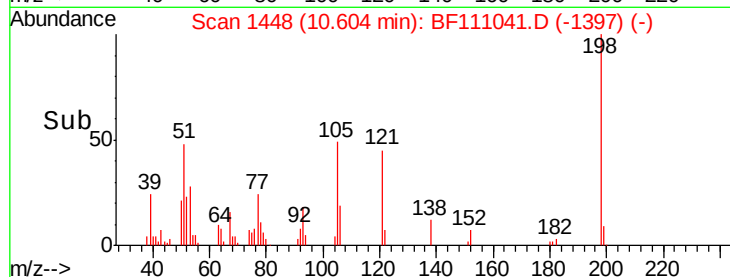
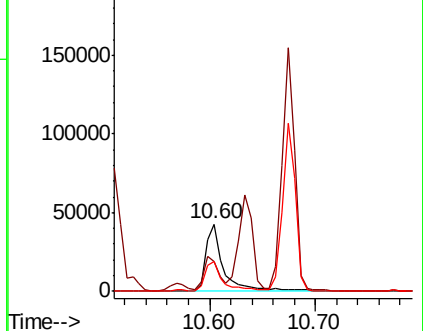
105 44.1 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.756 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

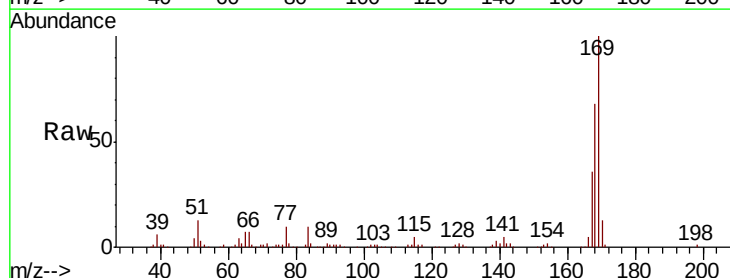
Tgt Ion:169 Resp: 345261

Ion Ratio Lower Upper

169 100

168 68.0 51.2 76.8

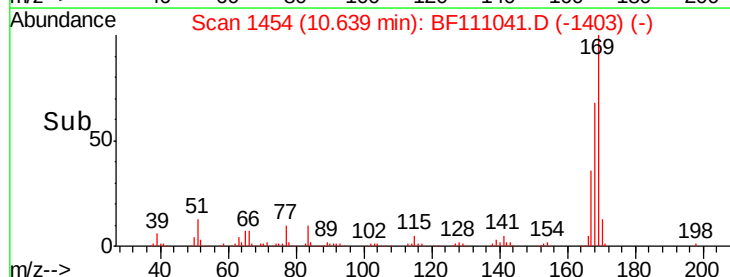
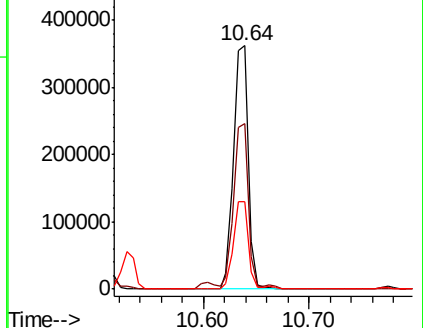
167 36.0 27.8 41.6

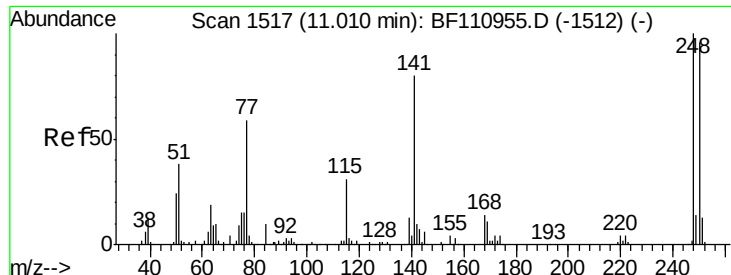


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

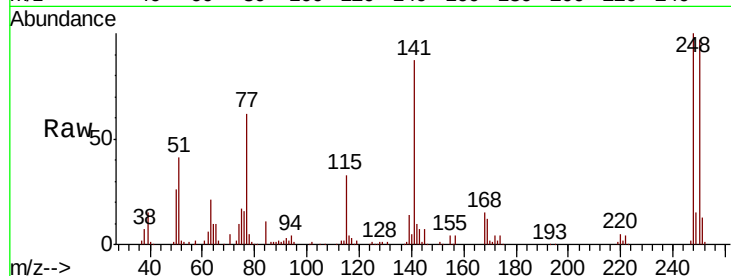




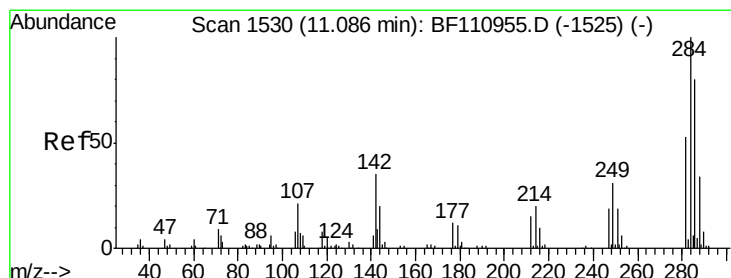
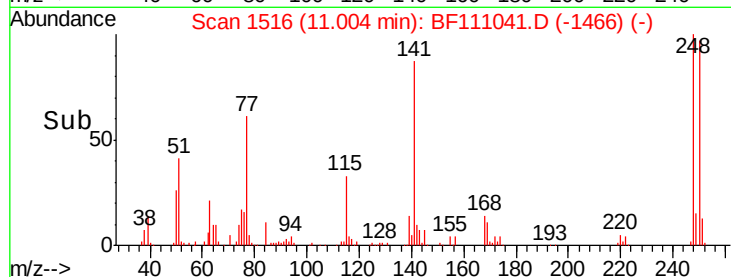
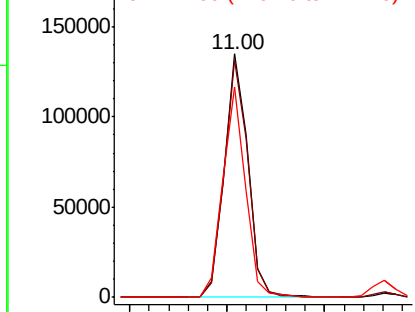
#67
4-Bromophenyl-phenylether
Concen: 40.700 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 112797
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 86.6 55.9 83.9#

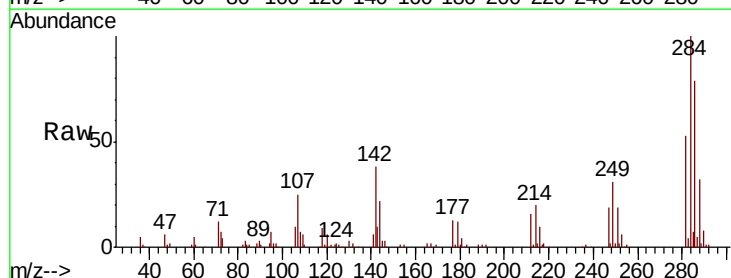


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

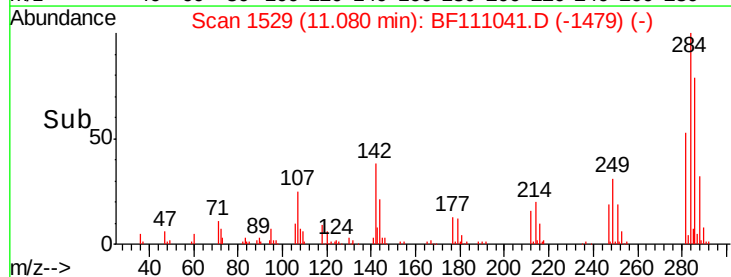
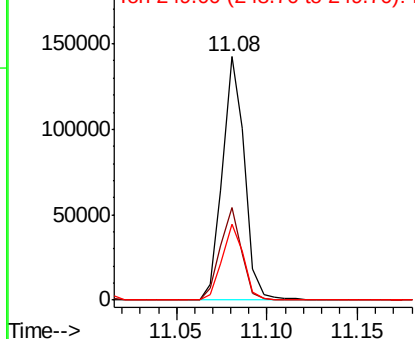


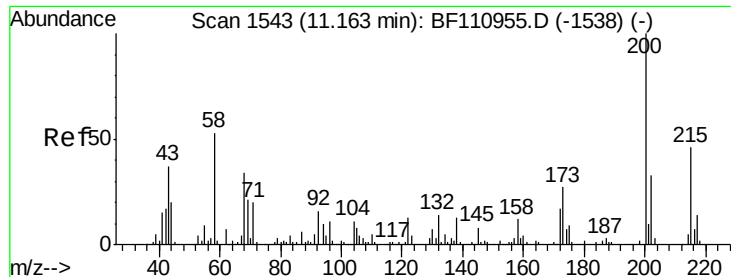
#68
Hexachlorobenzene
Concen: 40.832 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:284 Resp: 120533
Ion Ratio Lower Upper
284 100
142 38.1 23.9 35.9#
249 30.9 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

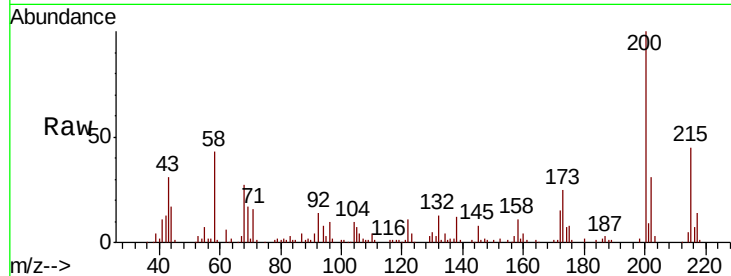




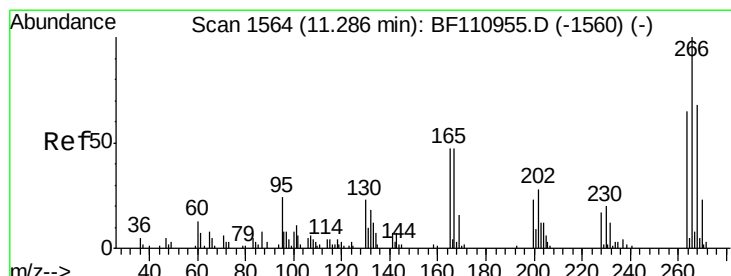
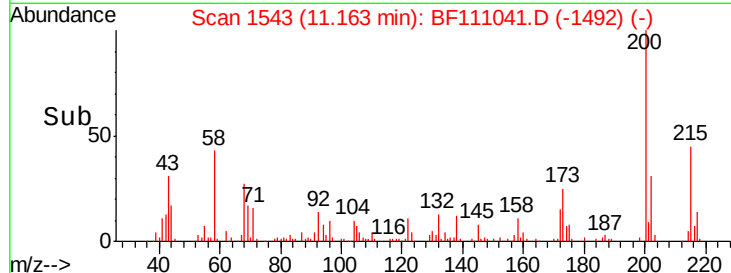
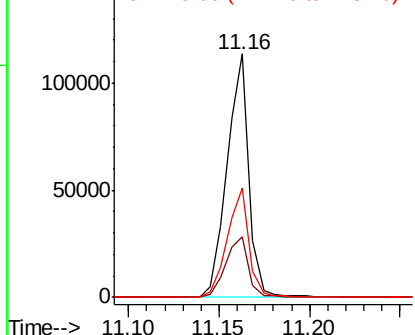
#69
 Atrazine
 Concen: 39.935 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 95144
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.6 46.6
 215 44.8 26.3 66.3

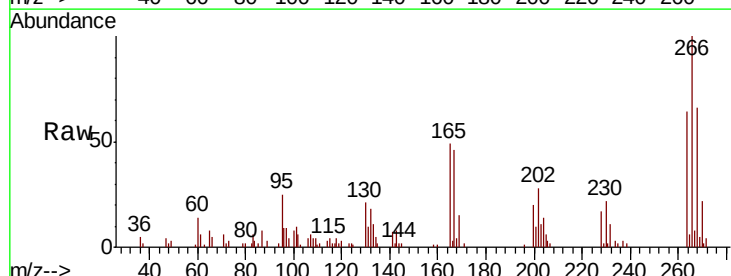


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

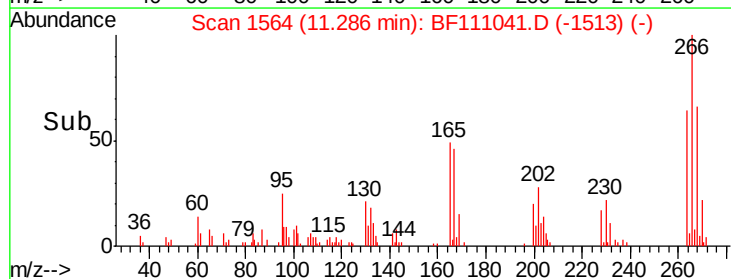
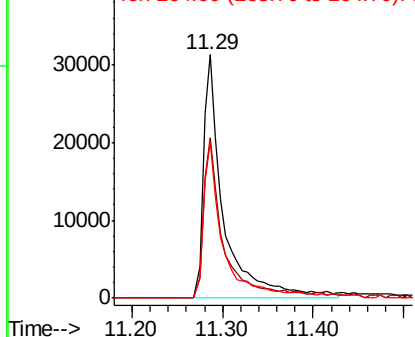


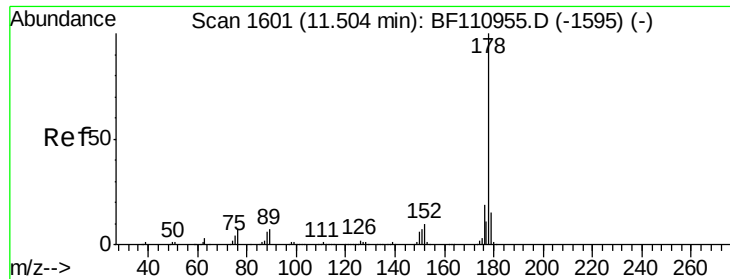
#70
 Pentachlorophenol
 Concen: 41.735 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion:266 Resp: 49015
 Ion Ratio Lower Upper
 266 100
 268 65.7 50.6 75.8
 264 64.4 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

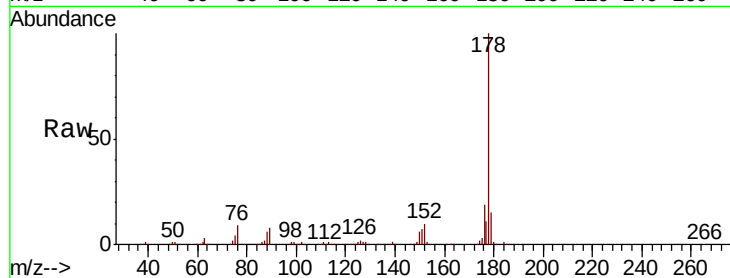




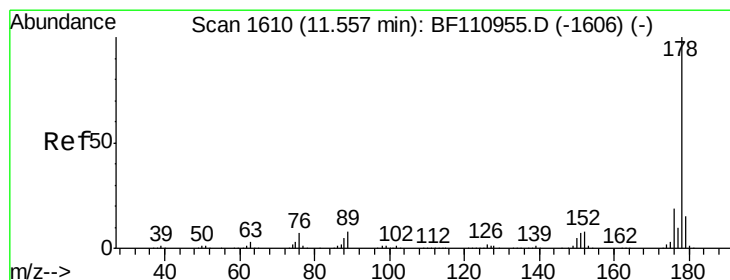
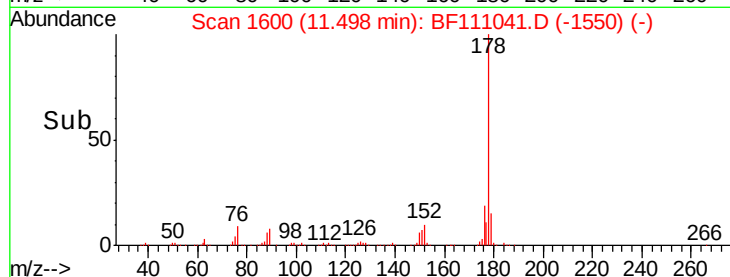
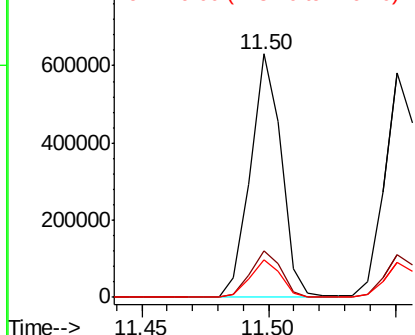
#71
Phenanthrene
Concen: 39.995 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 539033
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.4 12.5 18.7

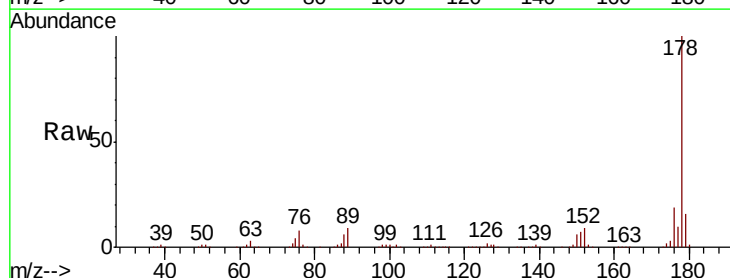


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

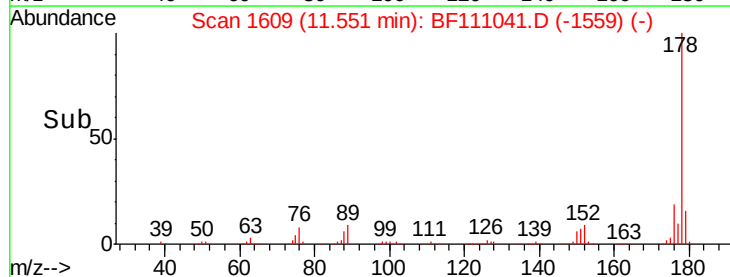
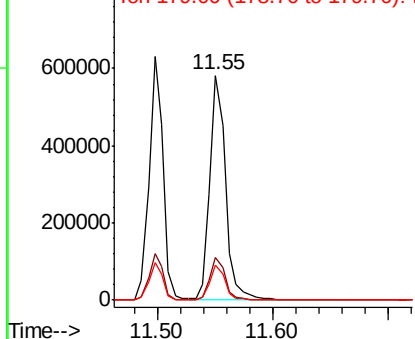


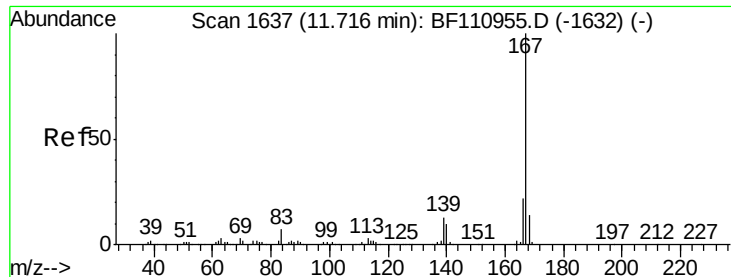
#72
Anthracene
Concen: 40.390 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:178 Resp: 554373
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.8 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

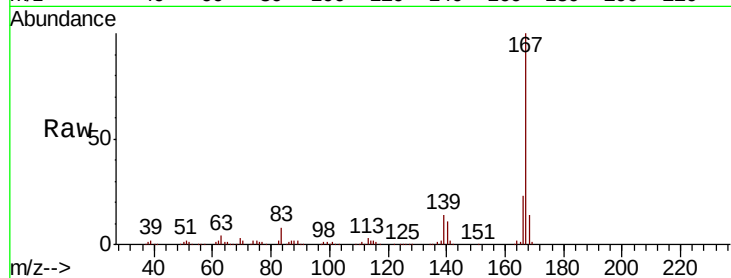




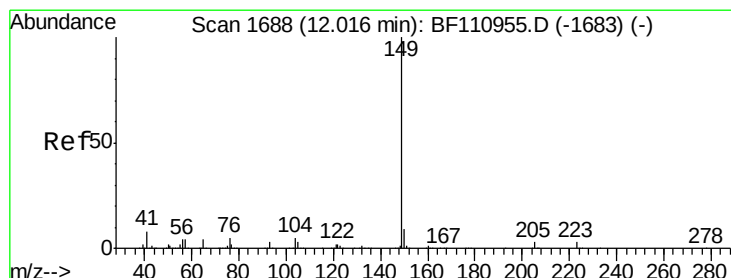
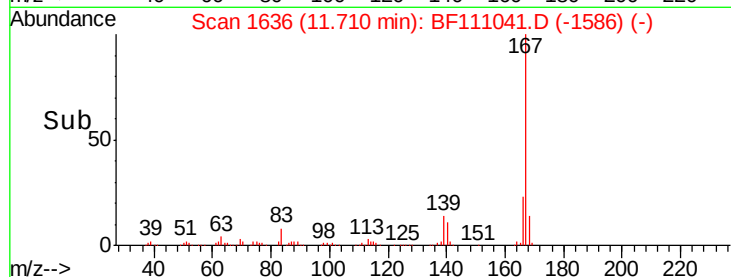
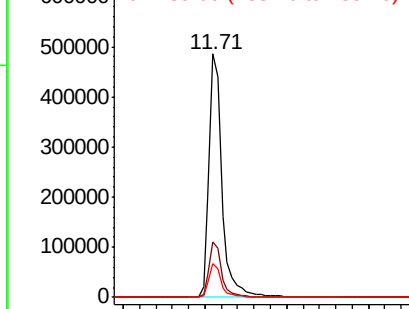
#73
 Carbazole
 Concen: 40.313 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 537056
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 14.1 10.9 16.3

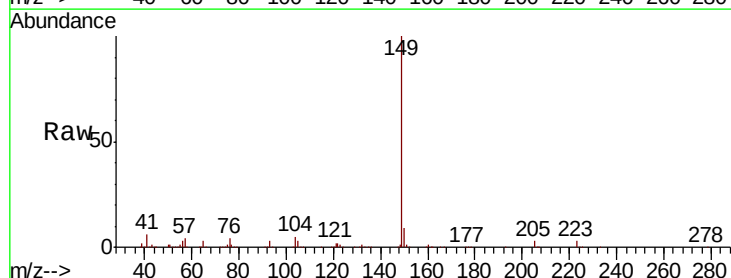


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

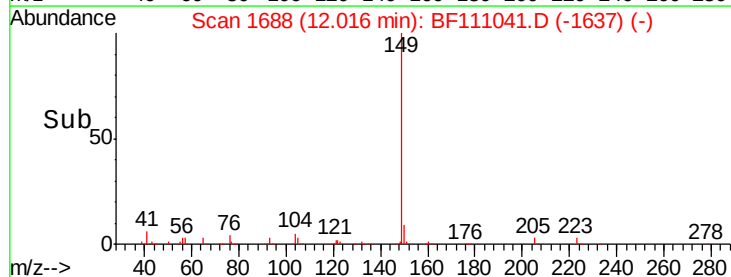
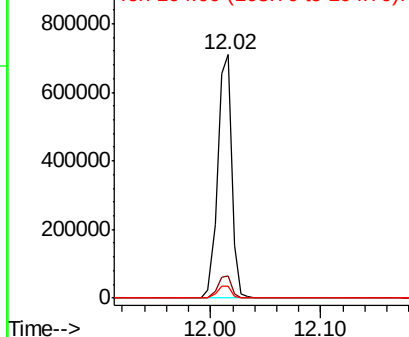


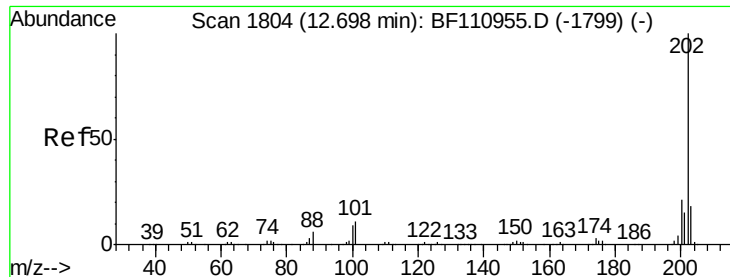
#74
 Di-n-butylphthalate
 Concen: 40.388 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion:149 Resp: 629101
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.7 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

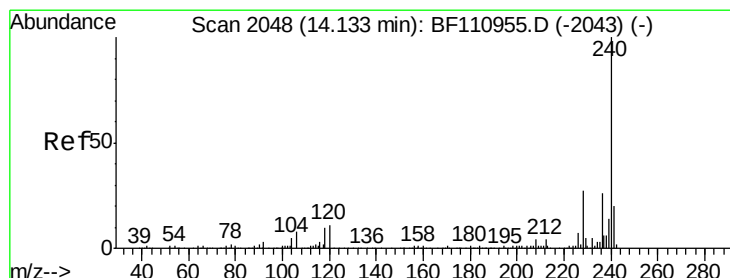
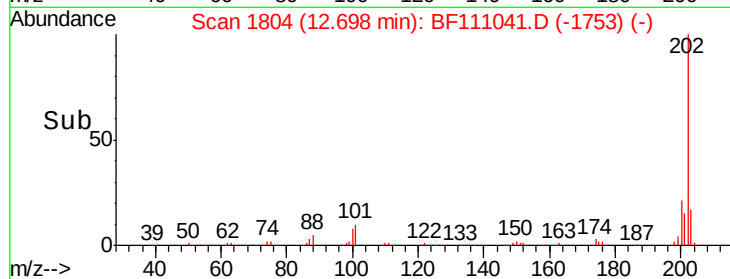
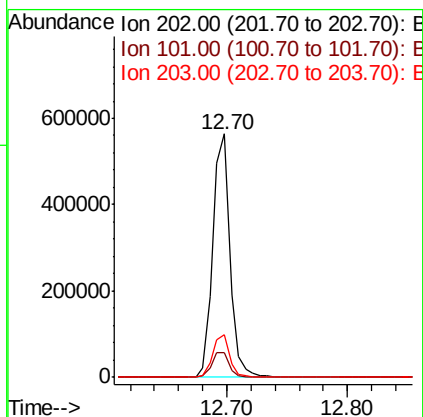
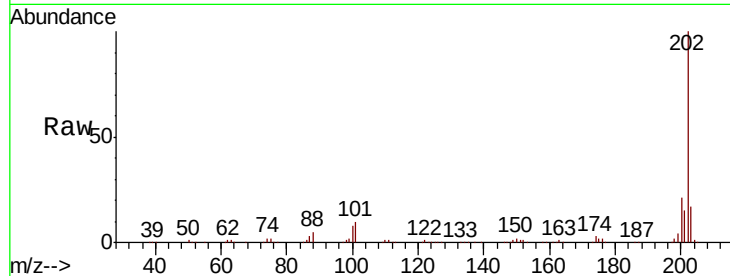




#75
 Fluoranthene
 Concen: 39.692 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

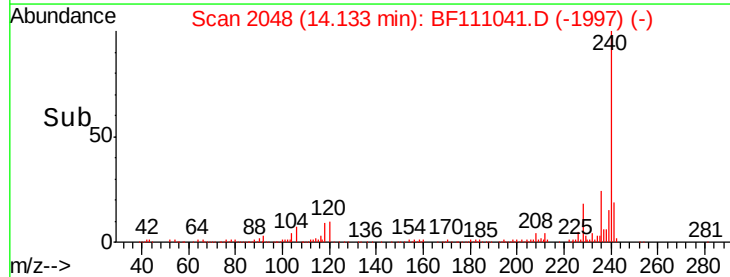
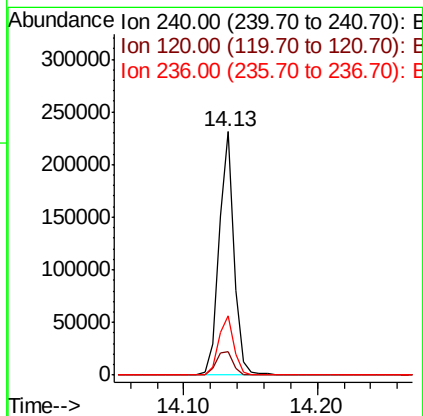
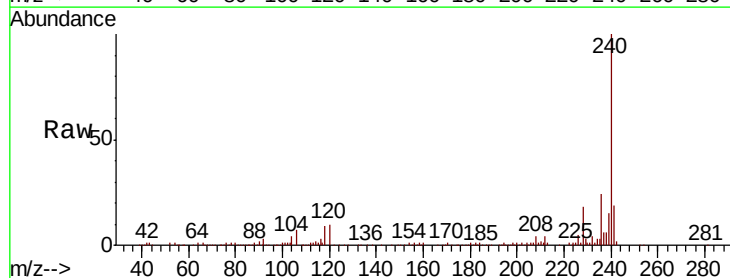
Instrument :
 BNA_F
 ClientSampleId :

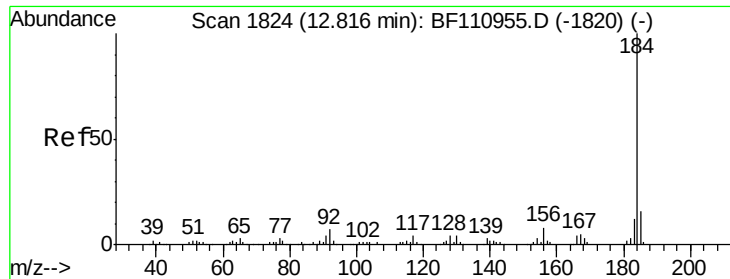
Tot Ion:	202	Resp:	549820
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.4	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF111041.D
 Acq: 28 Nov 2018 13:12

Tgt Ion:	240	Resp:	183142
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.3	21.2	31.8





#77

Benzidine

Concen: 48.468 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

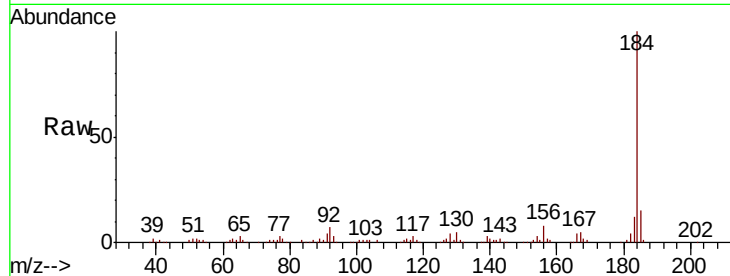
Tot Ion:184 Resp: 227045

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

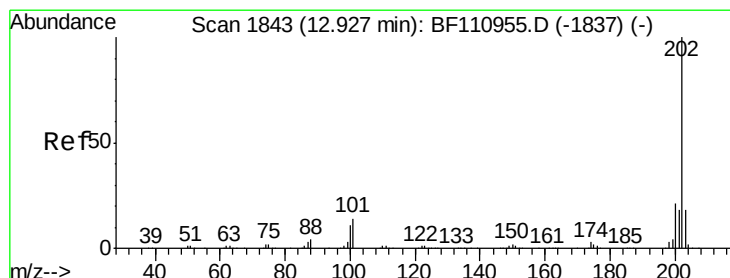
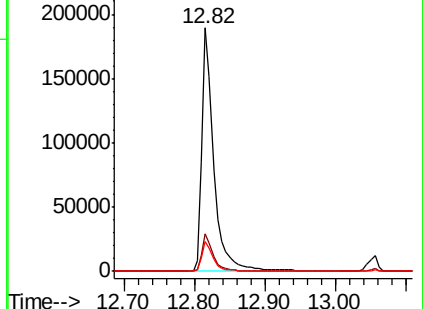
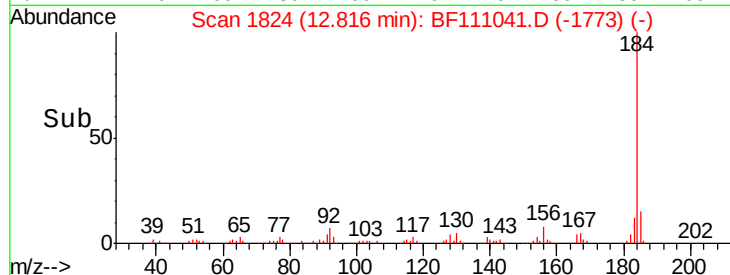
183 12.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.091 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

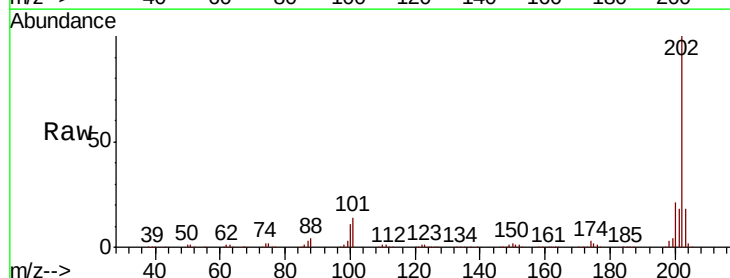
Tgt Ion:202 Resp: 563020

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

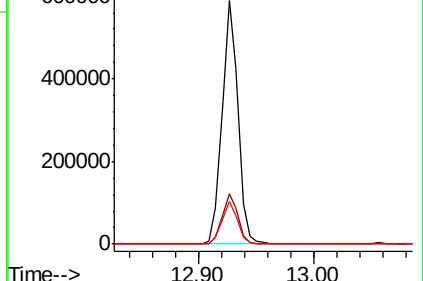
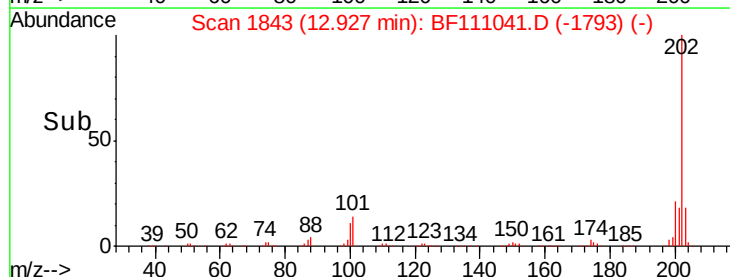
203 17.6 14.2 21.4

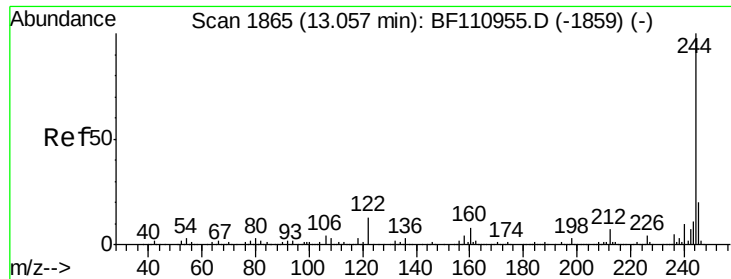


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.551 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampled :

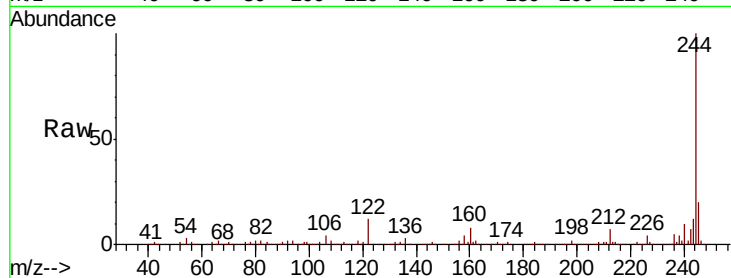
Tot Ion:244 Resp: 757833

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

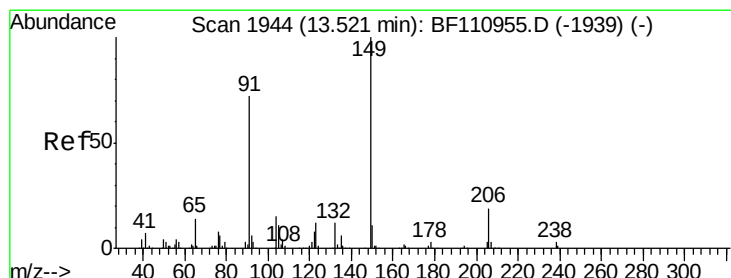
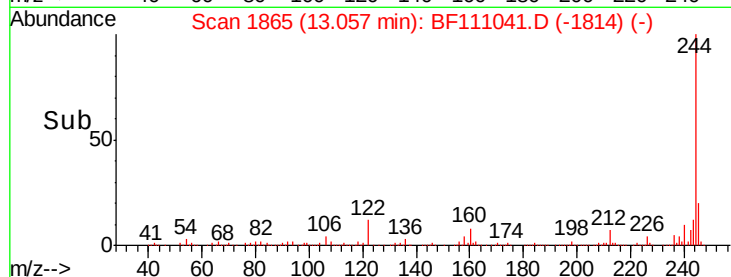
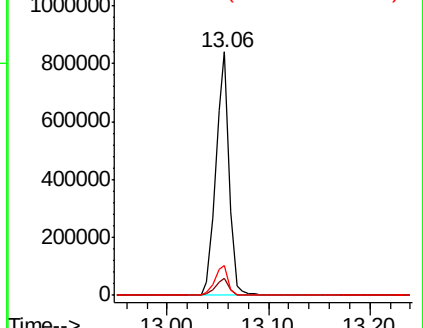
122 12.1 8.7 13.1



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: 42.059 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

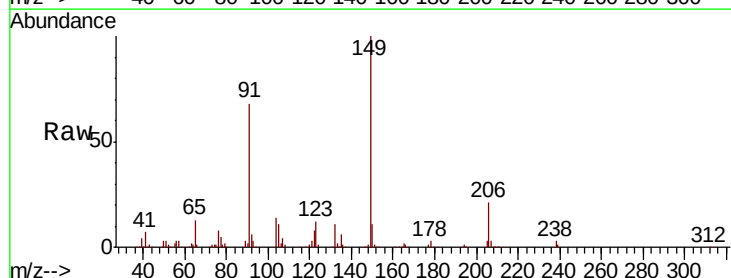
Tgt Ion:149 Resp: 253998

Ion Ratio Lower Upper

149 100

91 67.6 57.2 85.8

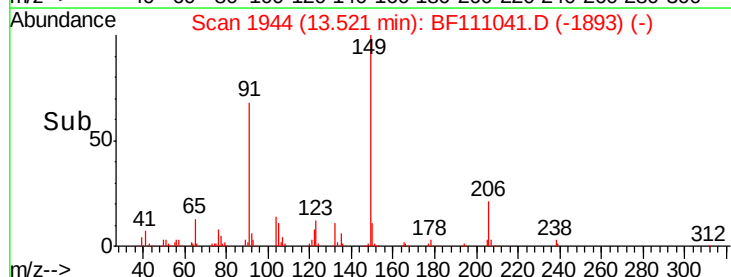
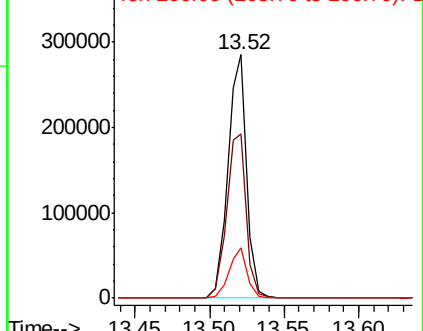
206 20.6 15.7 23.5

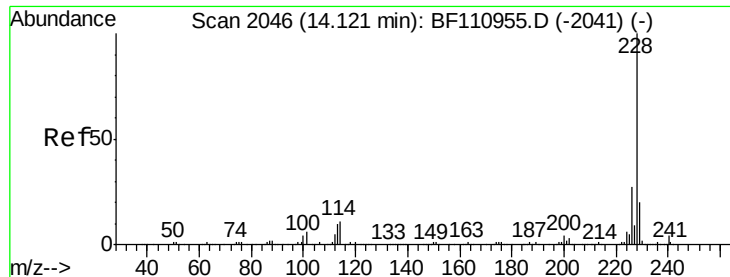


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.135 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

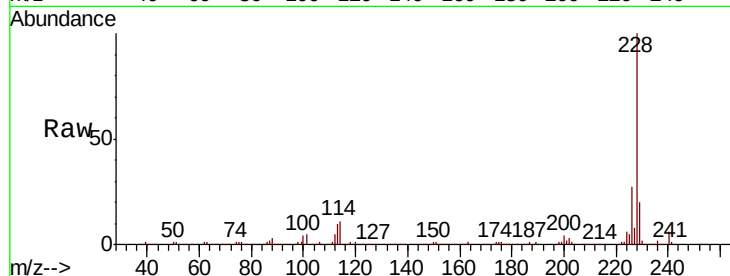
Tot Ion:228 Resp: 433955

Ion Ratio Lower Upper

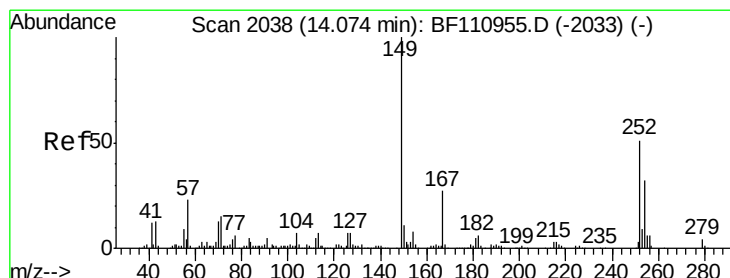
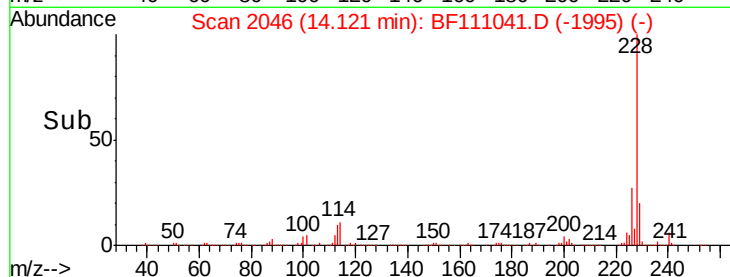
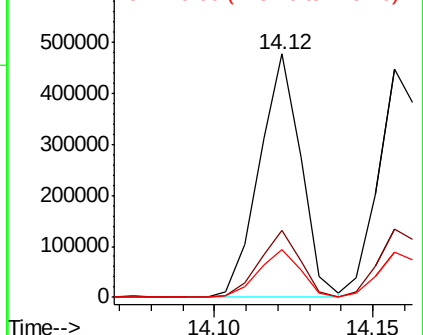
228 100

226 27.3 22.1 33.1

229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.203 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

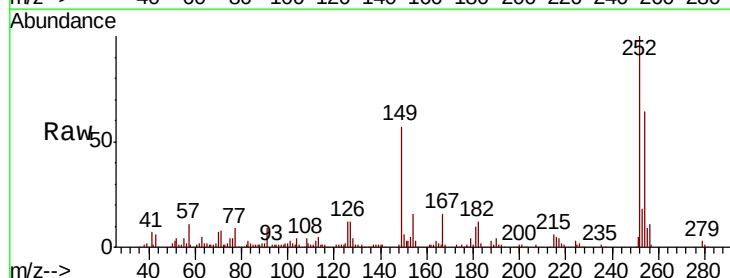
Tgt Ion:252 Resp: 152757

Ion Ratio Lower Upper

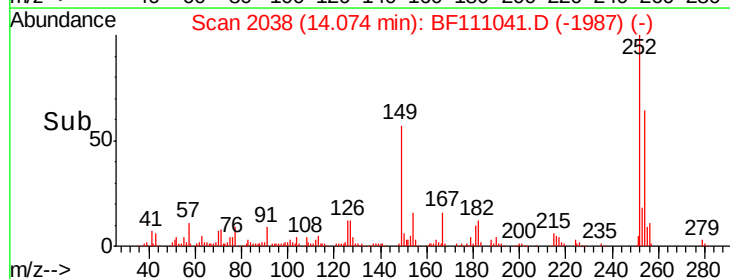
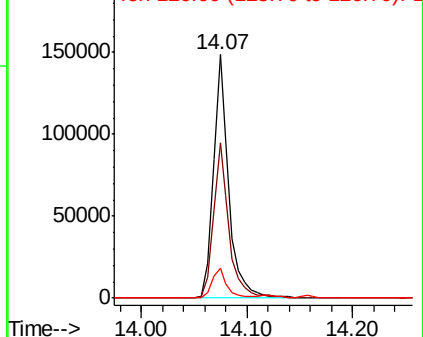
252 100

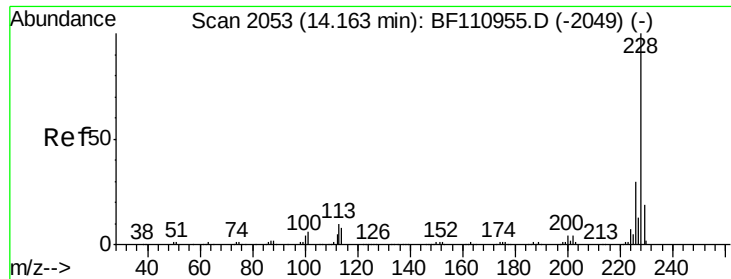
254 64.0 51.3 76.9

126 12.2 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.286 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

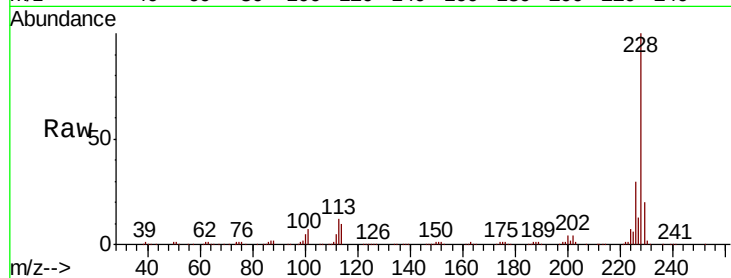
Tot Ion:228 Resp: 428805

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

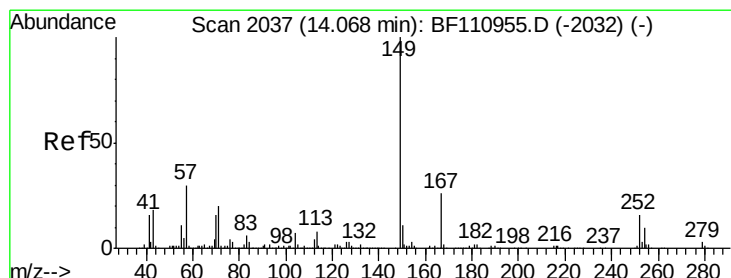
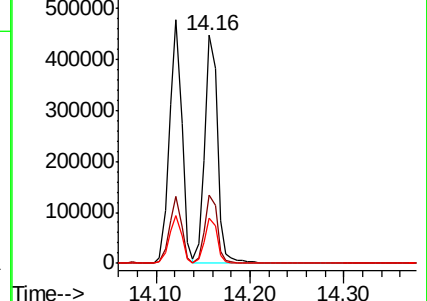
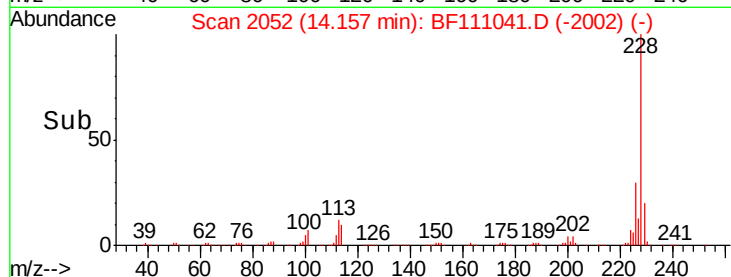
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.271 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

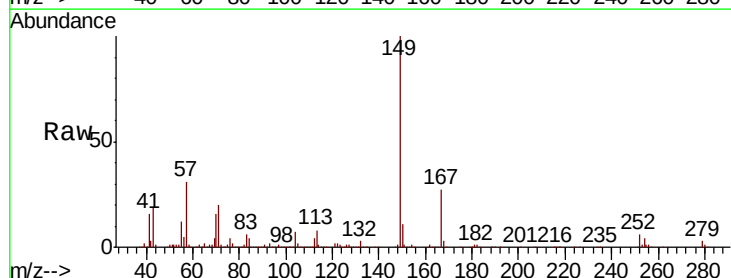
Tgt Ion:149 Resp: 332106

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

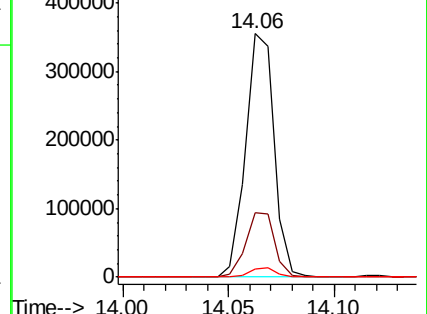
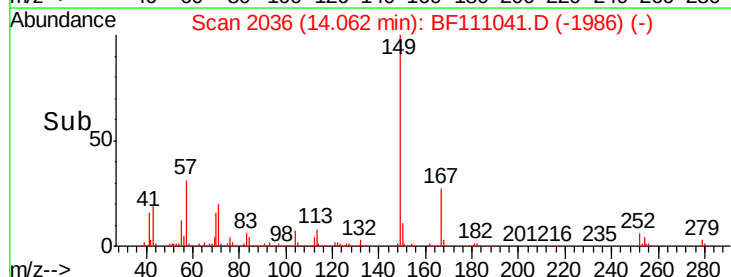
279 3.2 2.7 4.1

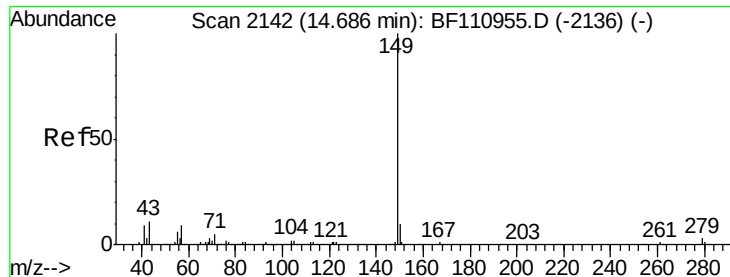


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

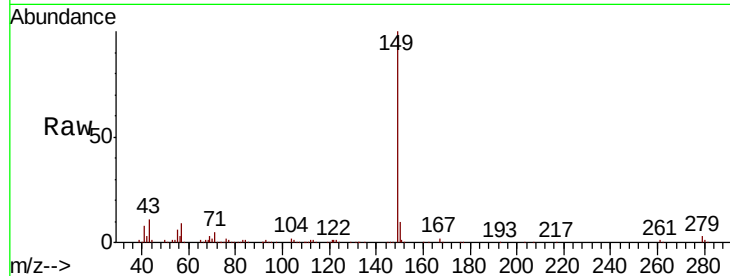




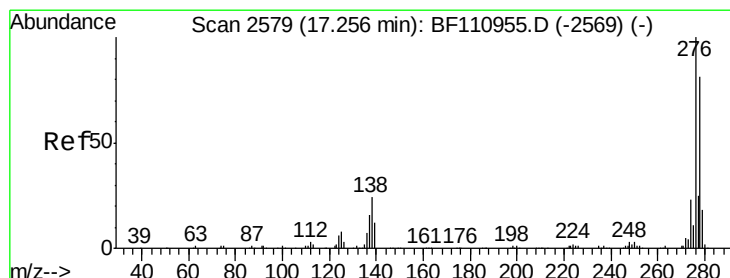
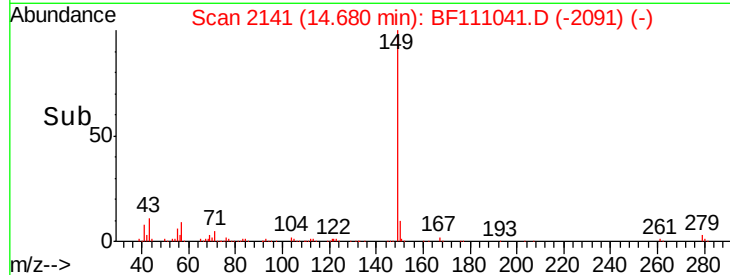
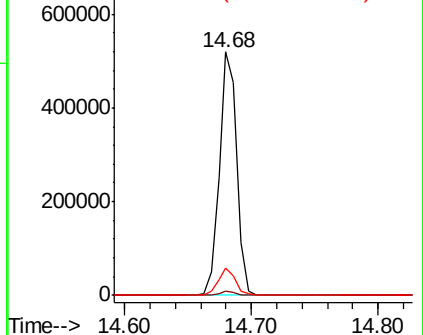
#85
Di-n-octyl phthalate
Concen: 39.148 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 497273
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.6 7.8 11.8

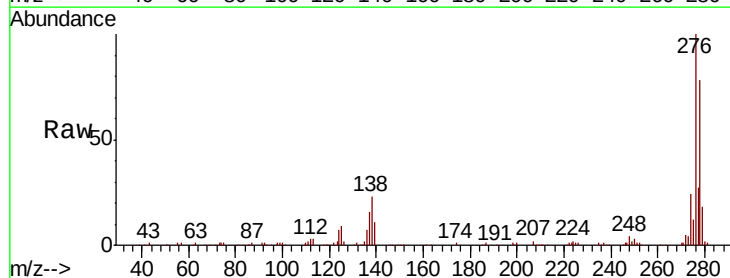


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

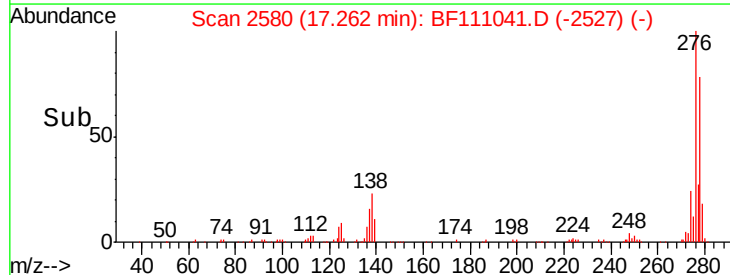
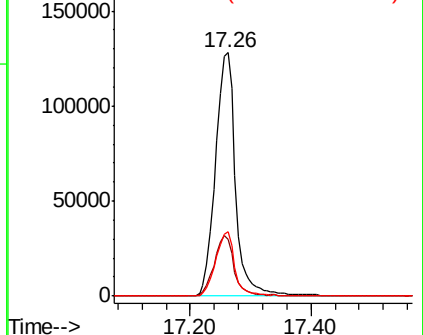


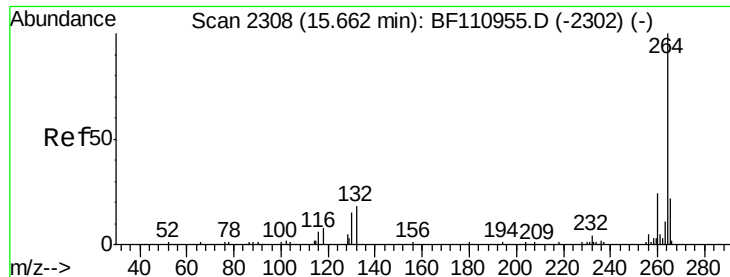
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.719 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:276 Resp: 295823
Ion Ratio Lower Upper
276 100
138 24.7 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

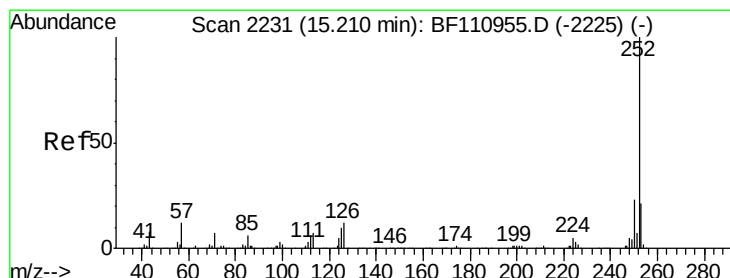
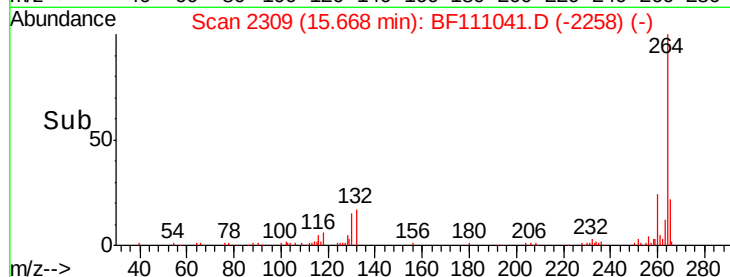
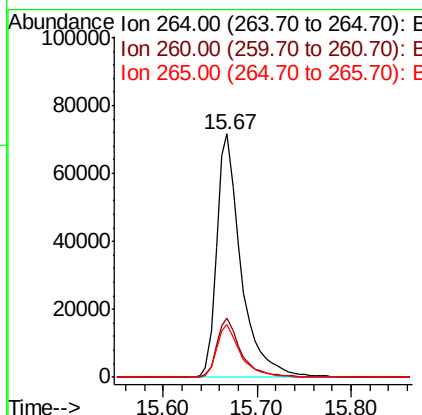
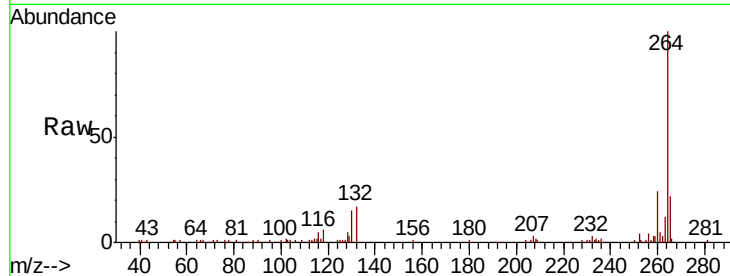




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

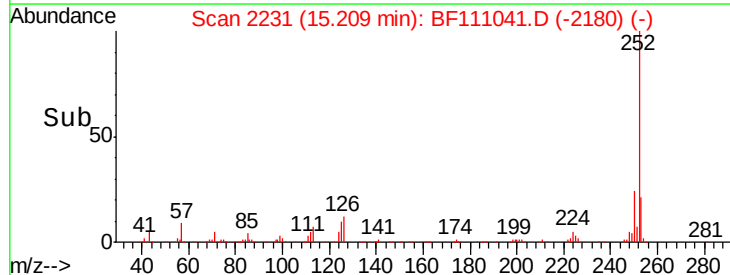
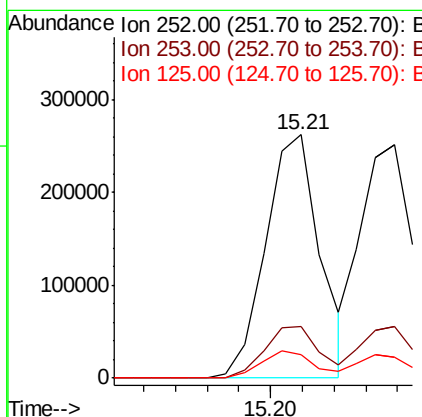
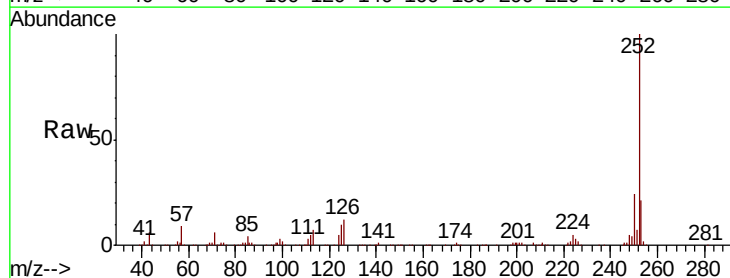
Instrument :
BNA_F
ClientSampled :

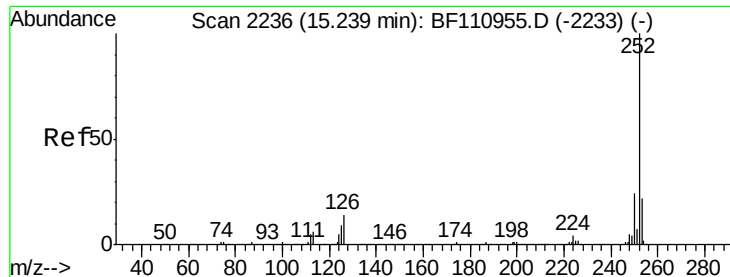
Tot Ion:264 Resp: 129824
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.5 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 41.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion:252 Resp: 312692
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 41.019 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

Instrument :

BNA_F

ClientSampleId :

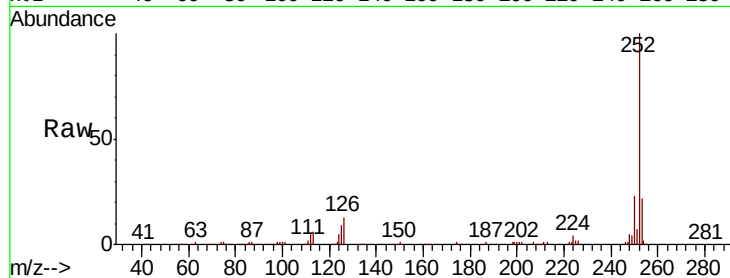
Tot Ion:252 Resp: 321999

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

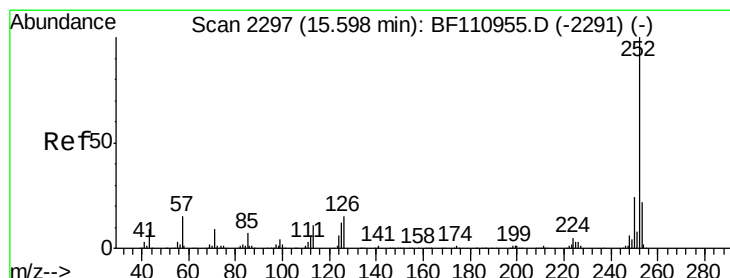
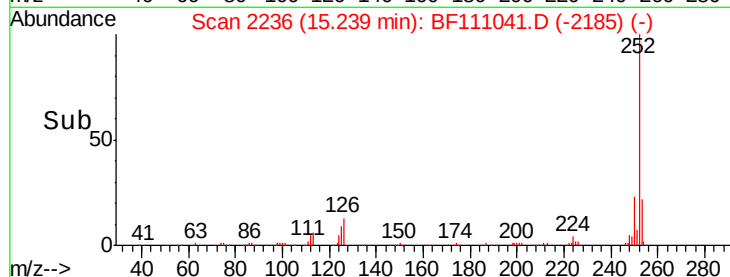
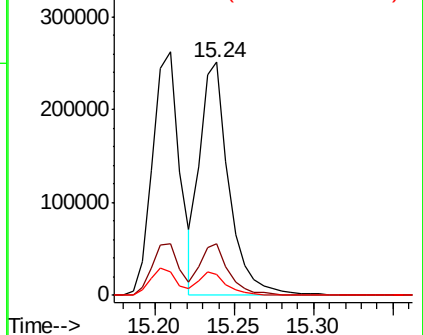
125 8.9 7.4 11.0



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: 40.410 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BF111041.D

Acq: 28 Nov 2018 13:12

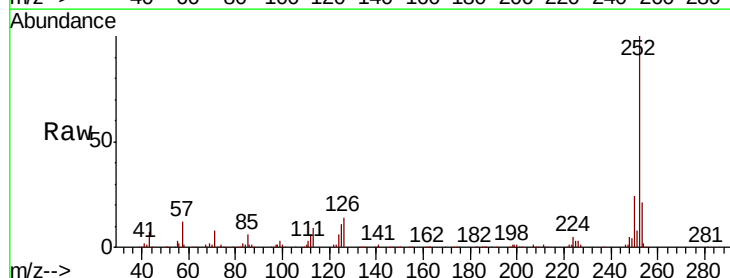
Tgt Ion:252 Resp: 286875

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.4

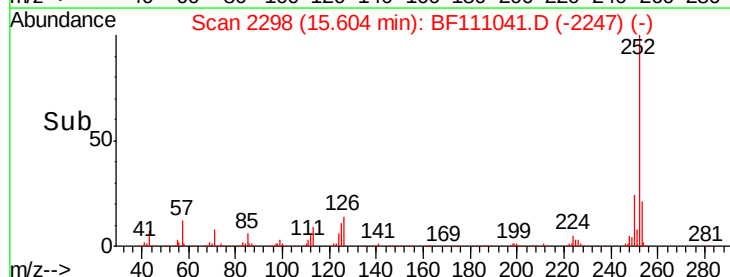
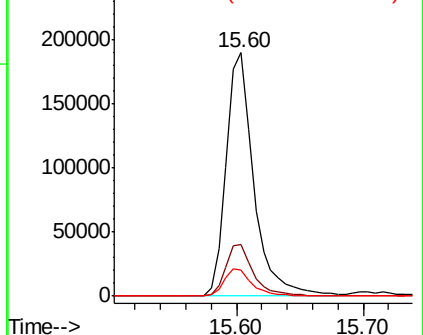
125 10.9 9.0 13.6

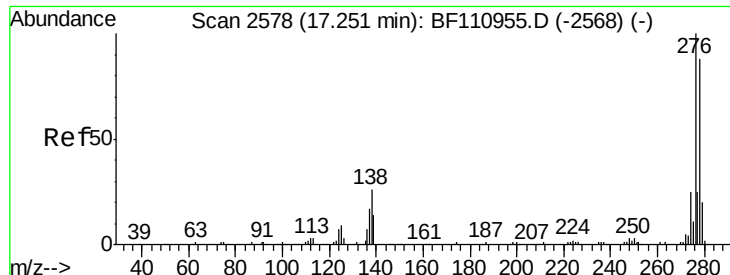


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

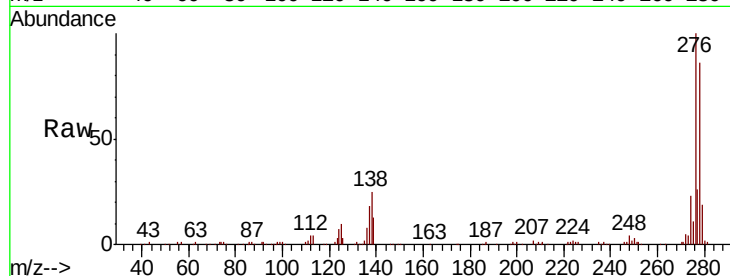




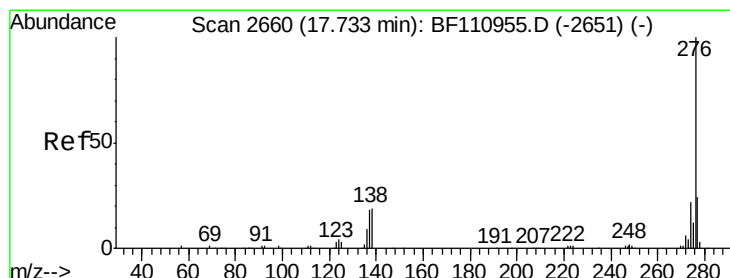
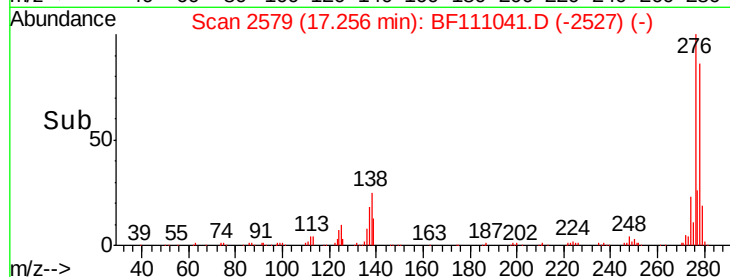
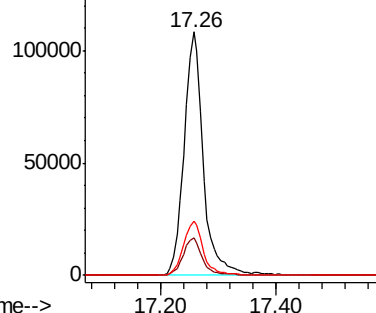
#91
Dibenzo(a,h)anthracene
Concen: 43.041 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	22.1	19.0	28.4

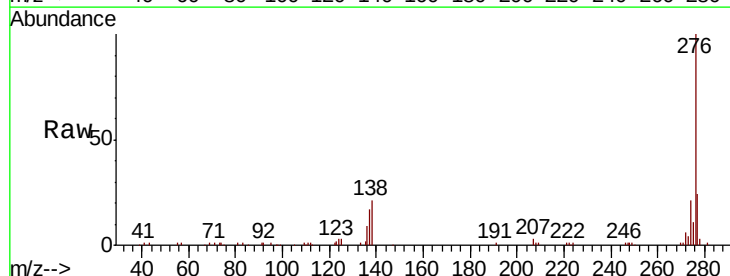


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.232 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF111041.D
Acq: 28 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.7	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

