

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111006.D
 Acq On : 27 Nov 2018 13:38
 Operator : JU/SJ
 Sample : J6028-08MSDRE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 15:29:52 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 15:20:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	50148	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	179703	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	72822	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	134141	20.00	ng	0.00
76) Chrysene-d12	14.14	240	97410	20.00	ng	0.00
87) Perylene-d12	15.68	264	69729	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	427855	141.48	ng	0.02
7) Phenol-d6	6.57	99	521171	132.25	ng	0.00
23) Nitrobenzene-d5	7.51	82	315963	100.63	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	99822	138.02	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	514105	102.28	ng	0.00
79) Terphenyl-d14	13.06	244	480364	96.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	43411	29.964	ng	88
3) Pyridine	3.59	79	121039	38.153	ng	# 86
4) n-Nitrosodimethylamine	3.54	42	67898	46.772	ng	81
6) Aniline	6.61	93	116585	23.931	ng	# 58
8) 2-Chlorophenol	6.73	128	143279	39.979	ng	98
9) Benzaldehyde	6.50	77	52195	21.703	ng	95
10) Phenol	6.59	94	199265	44.899	ng	# 64
11) bis(2-Chloroethyl)ether	6.67	93	131233	39.249	ng	94
12) 1,3-Dichlorobenzene	6.88	146	149413	37.950	ng	99
13) 1,4-Dichlorobenzene	6.96	146	154018	38.041	ng	98
14) 1,2-Dichlorobenzene	7.11	146	142281	37.338	ng	99
15) Benzyl Alcohol	7.09	79	117723	38.871	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	199087	37.414	ng	91
17) 2-Methylphenol	7.19	107	109993	38.601	ng	# 87
18) Hexachloroethane	7.44	117	47395	31.823	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	95452	37.184	ng	95
20) 3+4-Methylphenols	7.35	107	142044	37.500	ng	# 40
22) Acetophenone	7.35	105	192895	45.794	ng	# 92
24) Nitrobenzene	7.53	77	141964	43.476	ng	97
25) Isophorone	7.76	82	244651	47.499	ng	98
26) 2-Nitrophenol	7.85	139	63661	40.129	ng	94
27) 2,4-Dimethylphenol	7.87	122	118254	49.360	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	156931	45.479	ng	99
29) 2,4-Dichlorophenol	8.09	162	104253	41.585	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	117409	41.790	ng	94
31) Naphthalene	8.25	128	380413	45.160	ng	100
32) Benzoic acid	7.87	122	118254	66.391	ng	# 10
33) 4-Chloroaniline	8.30	127	72412	20.197	ng	98
34) Hexachlorobutadiene	8.35	225	65208	40.750	ng	100
35) Caprolactam	8.66	113	30579	35.728	ng	89
36) 4-Chloro-3-methylphenol	8.78	107	108762	39.046	ng	98
37) 2-Methylnaphthalene	8.93	142	243894	43.835	ng	99
38) 1-Methylnaphthalene	8.93	142	243894	45.066	ng	95
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98606	43.044	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

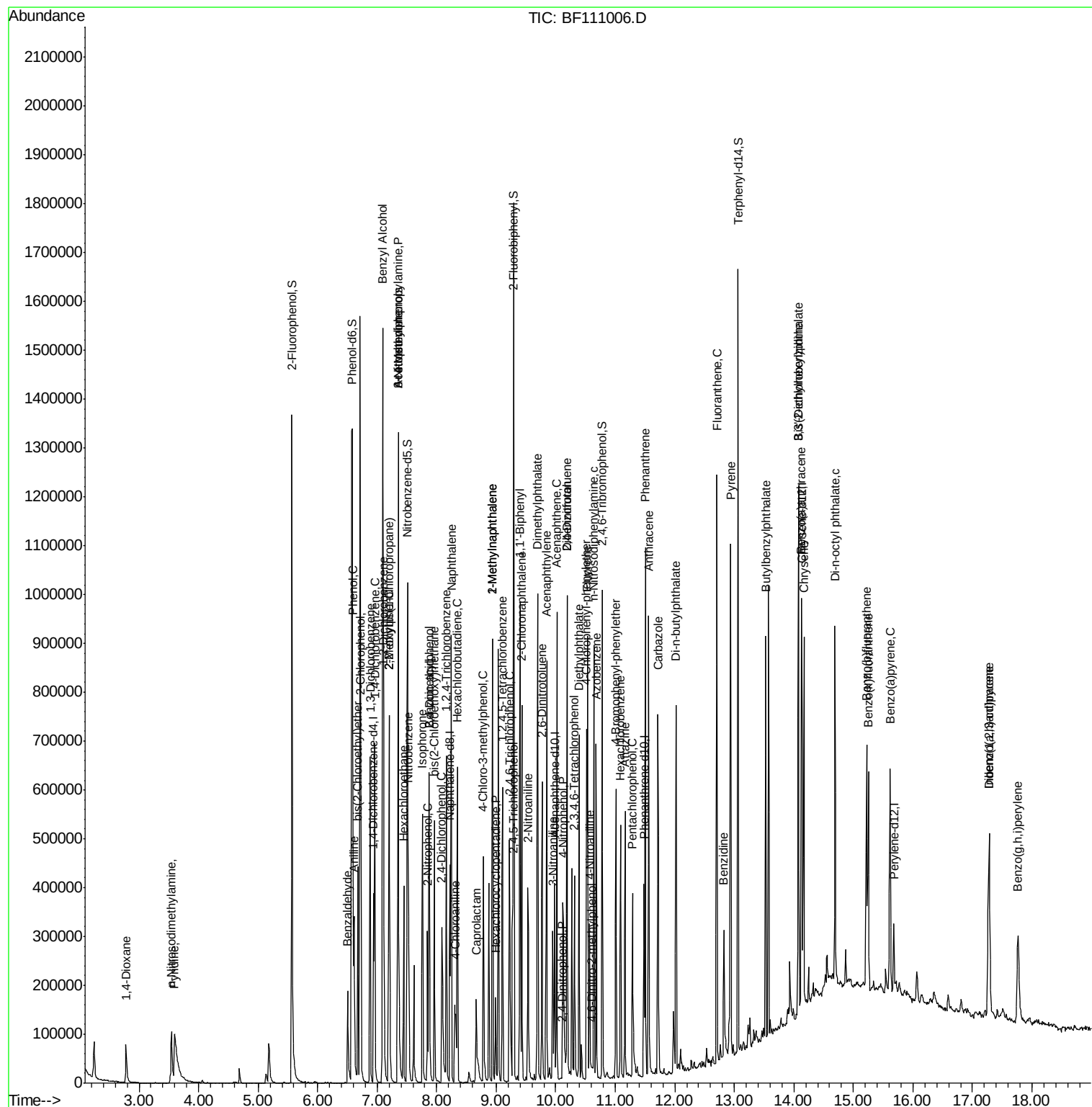
41) Hexachlorocyclopentadiene	8.99	237	159	10.815	ng	# 27
43) 2,4,6-Trichlorophenol	9.22	196	63029	46.068	ng	92
44) 2,4,5-Trichlorophenol	9.27	196	66291	46.016	ng	96
46) 1,1'-Biphenyl	9.40	154	281554	41.937	ng	98
47) 2-Chloronaphthalene	9.43	162	210486	43.240	ng	99
48) 2-Nitroaniline	9.53	65	69655	45.747	ng	96
49) Acenaphthylene	9.85	152	320677	46.327	ng	99
50) Dimethylphthalate	9.69	163	311556	58.335	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	48472	40.768	ng	91
52) Acenaphthene	10.02	154	192780	43.444	ng	97
53) 3-Nitroaniline	9.95	138	51193	36.942	ng	92
54) 2,4-Dinitrophenol	10.10	184	304	4.407	ng	# 85
55) Dibenzofuran	10.19	168	272738	42.130	ng	98
56) 4-Nitrophenol	10.12	139	64550	83.592	ng	96
57) 2,4-Dinitrotoluene	10.19	165	60418	39.167	ng	95
58) Fluorene	10.53	166	224822	44.636	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	51966	43.954	ng	# 90
60) Diethylphthalate	10.39	149	237713	43.161	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	106335	40.363	ng	98
62) 4-Nitroaniline	10.57	138	53705	41.623	ng	97
63) Azobenzene	10.68	77	213001	39.678	ng	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	2003	3.157	ng	# 61
66) n-Nitrosodiphenylamine	10.64	169	190485	42.657	ng	96
67) 4-Bromophenyl-phenylether	11.01	248	59509	40.734	ng	# 91
68) Hexachlorobenzene	11.09	284	62948	40.453	ng	# 89
69) Atrazine	11.16	200	60401	52.560	ng	99
70) Pentachlorophenol	11.29	266	50526	81.614	ng	95
71) Phenanthrene	11.50	178	379372	53.399	ng	99
72) Anthracene	11.56	178	351159	48.535	ng	99
73) Carbazole	11.72	167	299087	42.589	ng	100
74) Di-n-butylphthalate	12.02	149	368721	44.907	ng	98
75) Fluoranthene	12.70	202	466424	63.877	ng	98
77) Benzidine	12.82	184	123940	49.744	ng	96
78) Pyrene	12.94	202	461388	64.851	ng	98
80) Butylbenzylphthalate	13.53	149	166573	51.858	ng	97
81) Benzo(a)anthracene	14.13	228	311165	54.107	ng	98
82) 3,3'-Dichlorobenzidine	14.08	252	76902	38.998	ng	100
83) Chrysene	14.17	228	287980	50.868	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	218788	51.118	ng	97
85) Di-n-octyl phthalate	14.69	149	332998	49.288	ng	99
86) Indeno(1,2,3-cd)pyrene	17.28	276	206342	50.777	ng	98
88) Benzo(b)fluoranthene	15.22	252	226978	55.410	ng	98
89) Benzo(k)fluoranthene	15.25	252	202233	47.965	ng	99
90) Benzo(a)pyrene	15.62	252	201401	52.820	ng	99
91) Dibenzo(a,h)anthracene	17.28	278	154494	49.108	ng	99
92) Benzo(g,h,i)perylene	17.77	276	166190	54.787	ng	99

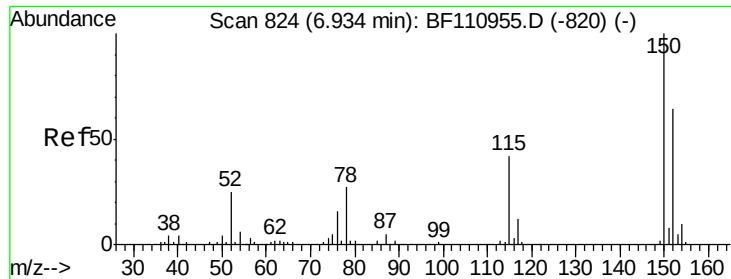
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

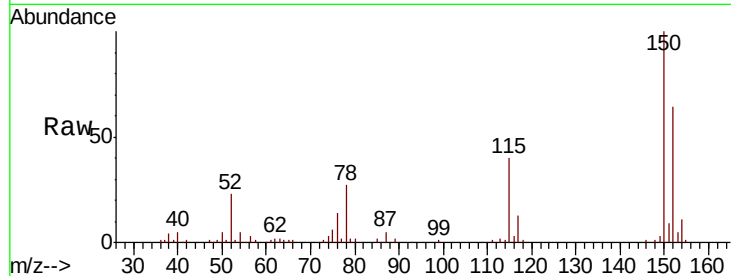
Tot Ion:152 Resp: 50148

Ion Ratio Lower Upper

152 100

150 155.7 122.7 184.1

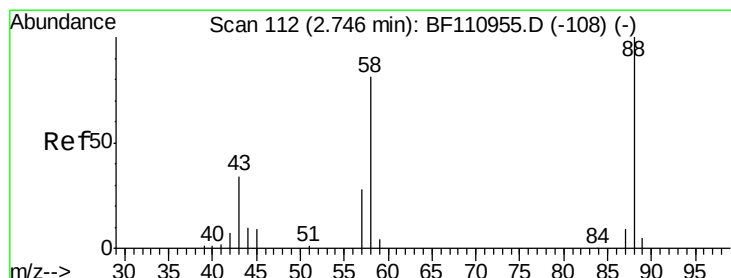
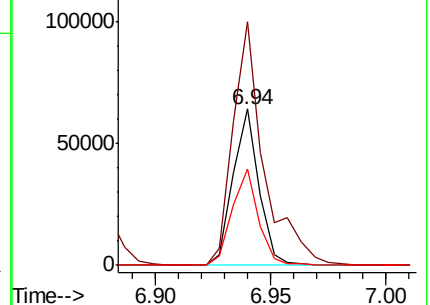
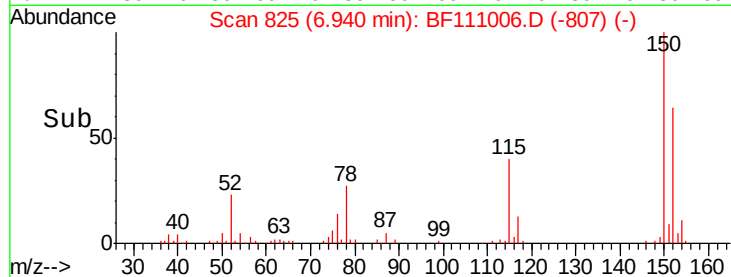
115 61.5 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.964 ng

RT: 2.78 min Scan# 118

Delta R.T. 0.04 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

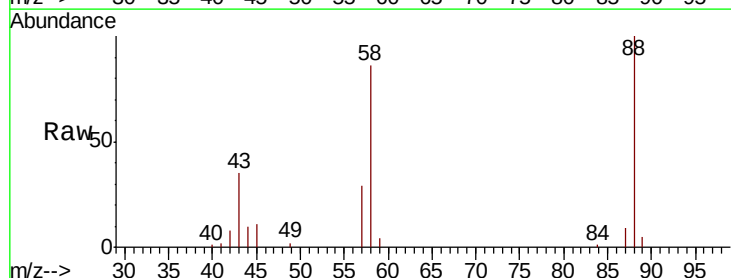
Tgt Ion: 88 Resp: 43411

Ion Ratio Lower Upper

88 100

58 84.1 57.1 85.7

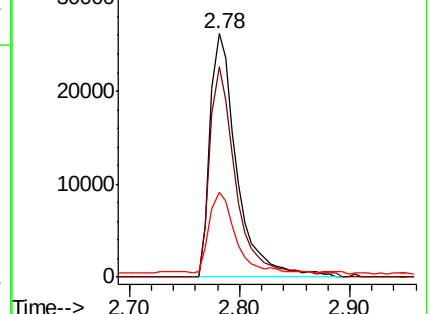
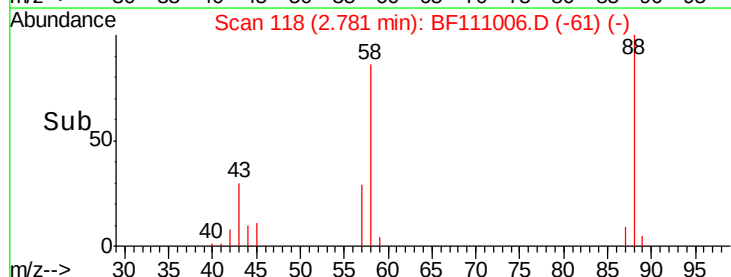
43 32.1 24.1 36.1

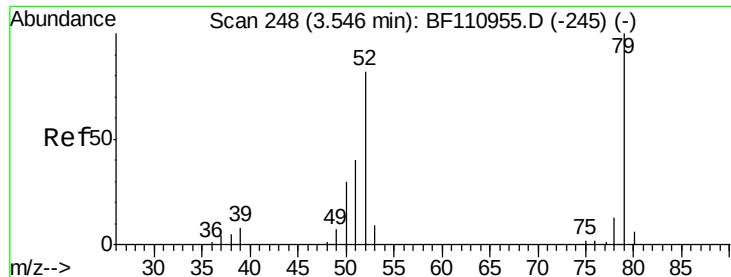


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

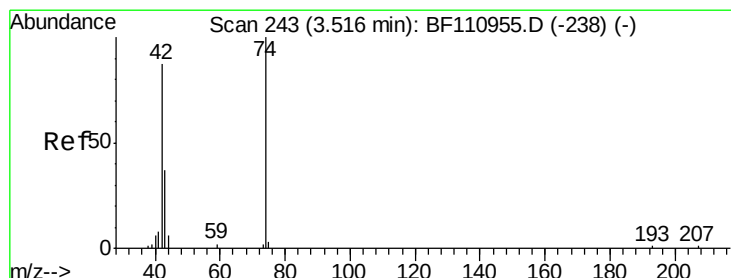
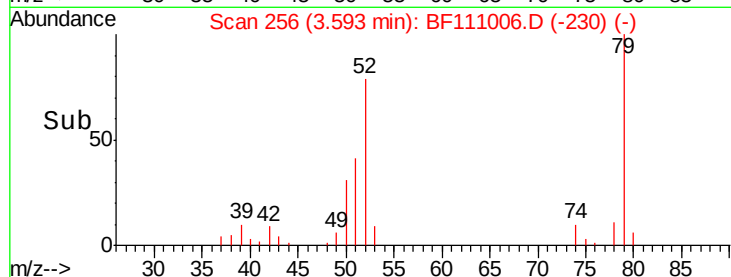
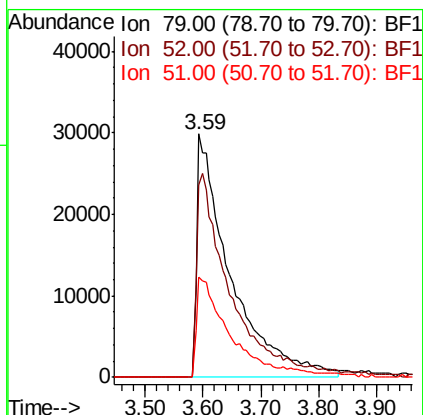
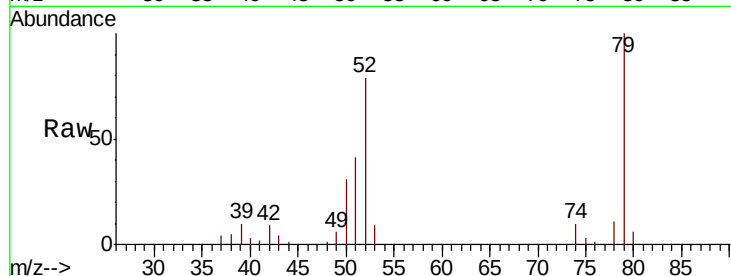




#3
 Pvridine
 Concen: 38.153 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.05 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

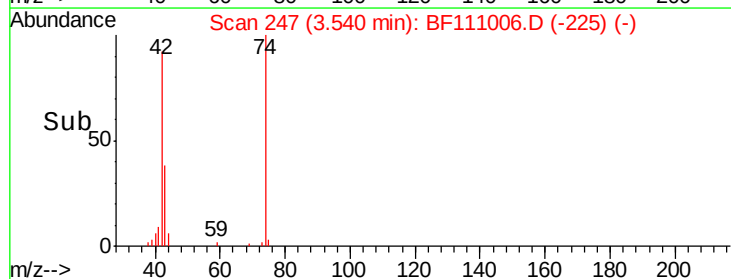
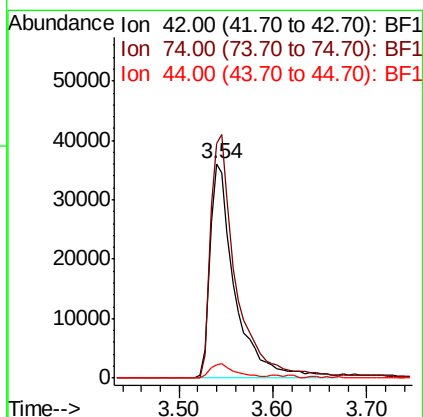
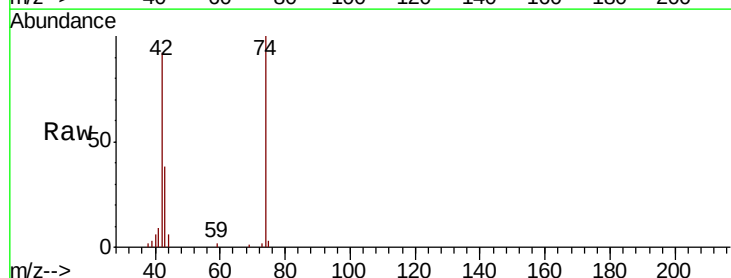
Instrument :
 BNA_F
 ClientSampleId :

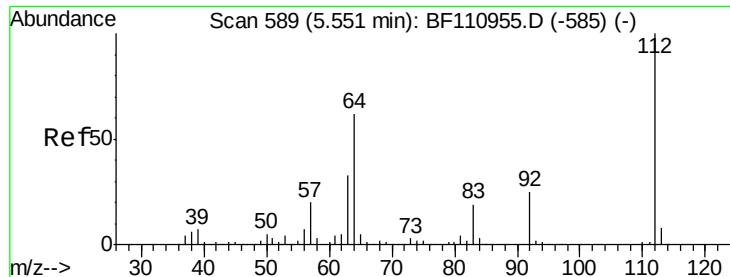
Tot Ion: 79 Resp: 121039
 Ion Ratio Lower Upper
 79 100
 52 78.9 53.1 79.7
 51 41.2 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 46.772 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.03 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion: 42 Resp: 67898
 Ion Ratio Lower Upper
 42 100
 74 109.1 105.5 158.3
 44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 141.485 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

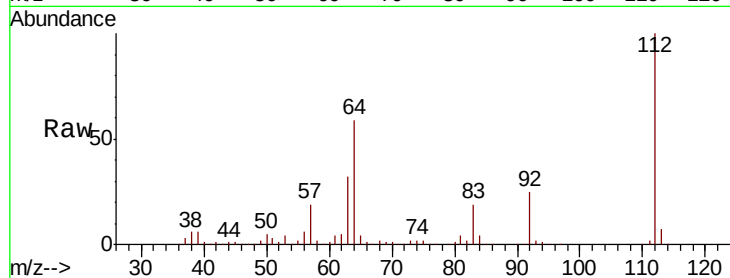
Tot Ion:112 Resp: 427855

Ion Ratio Lower Upper

112 100

64 59.4 44.1 66.1

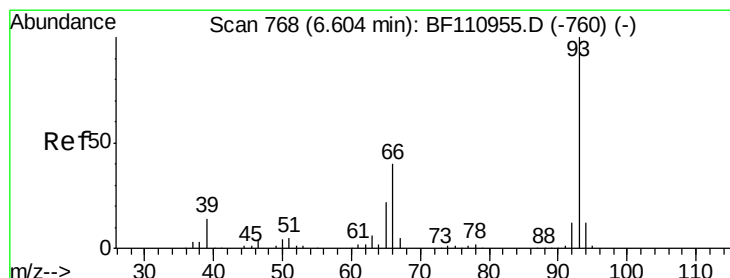
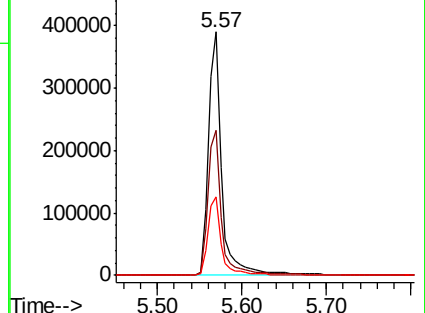
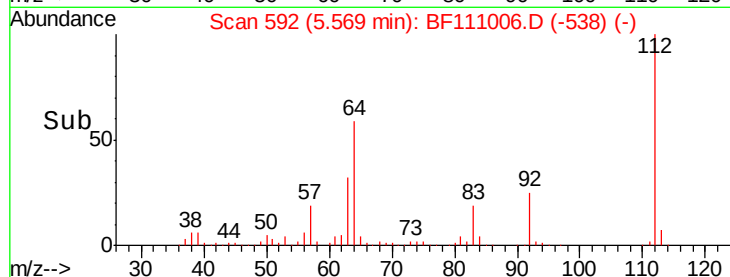
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.931 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

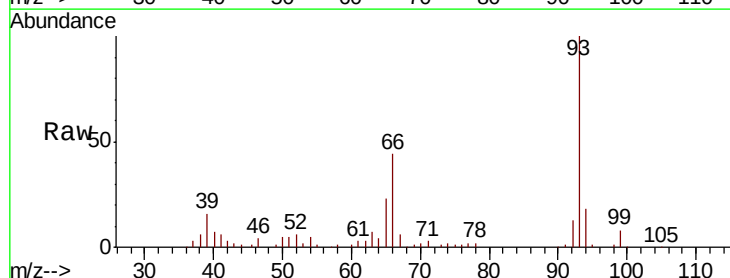
Tgt Ion: 93 Resp: 116585

Ion Ratio Lower Upper

93 100

66 44.4 67.4 101.0#

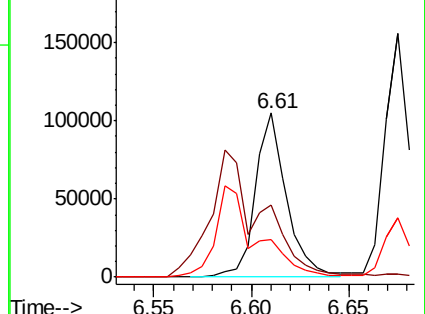
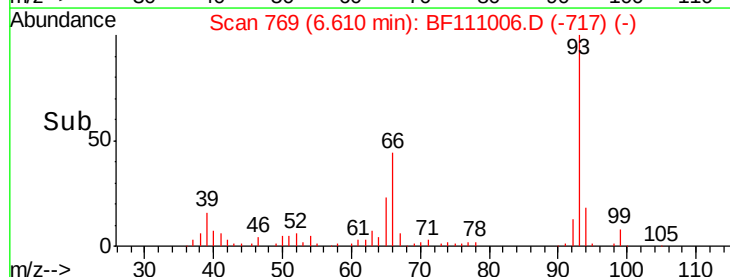
65 23.2 41.0 61.4#

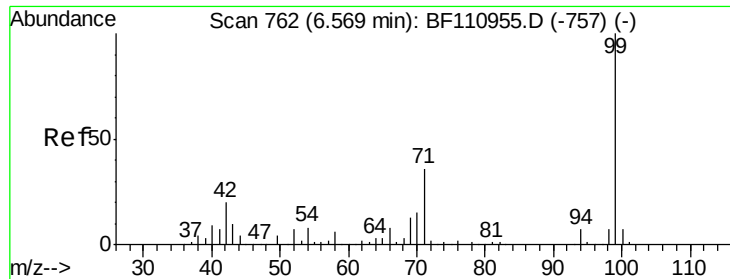


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.249 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

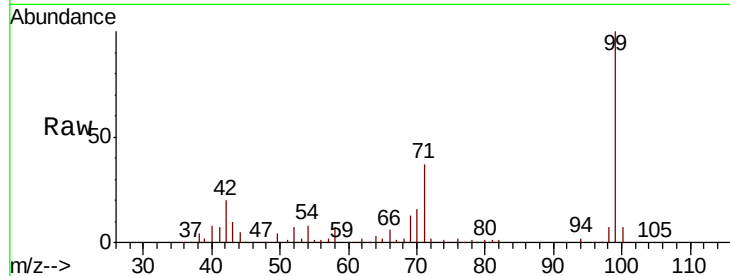
Tot Ion: 99 Resp: 521171

Ion Ratio Lower Upper

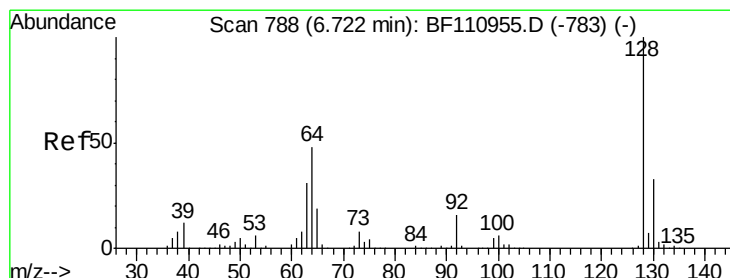
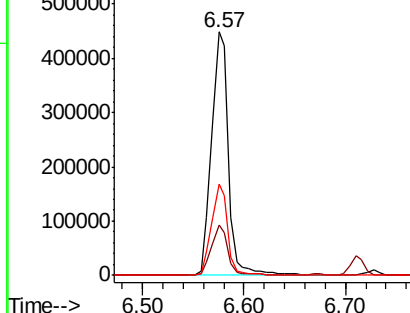
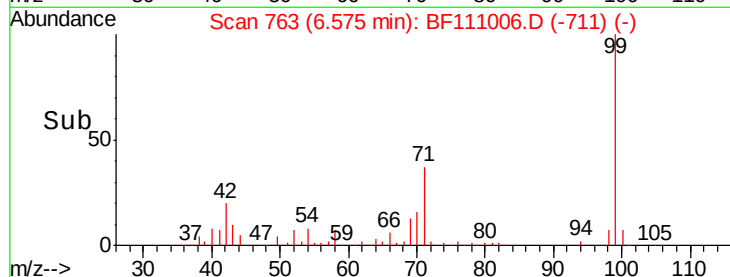
99 100

42 20.5 15.8 23.6

71 37.3 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: 39.979 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

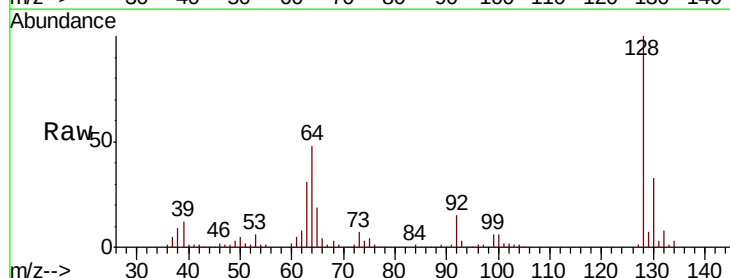
Tgt Ion: 128 Resp: 143279

Ion Ratio Lower Upper

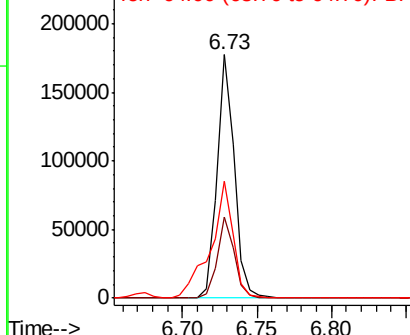
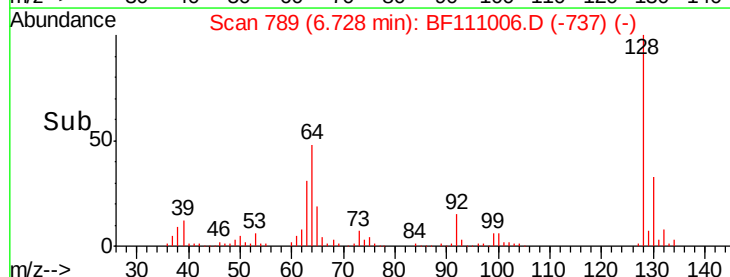
128 100

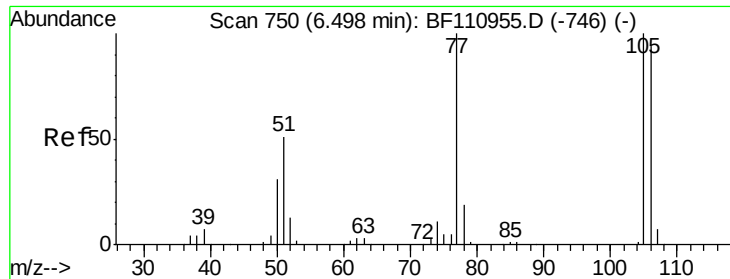
130 33.2 13.1 53.1

64 48.2 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: 21.703 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

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ClientSampleId :

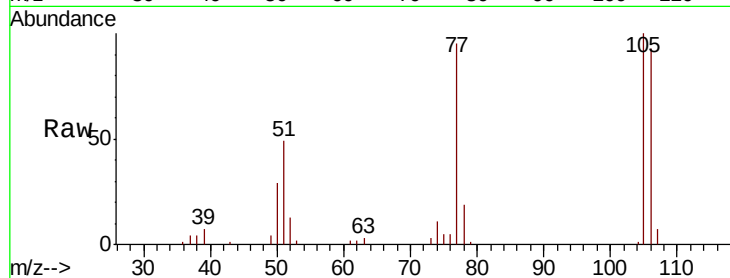
Tot Ion: 77 Resp: 52195

Ion Ratio Lower Upper

77 100

105 105.0 78.6 118.6

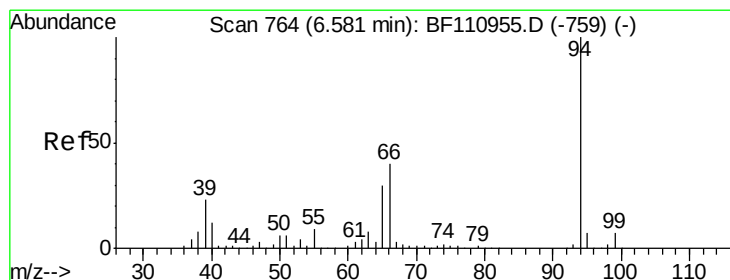
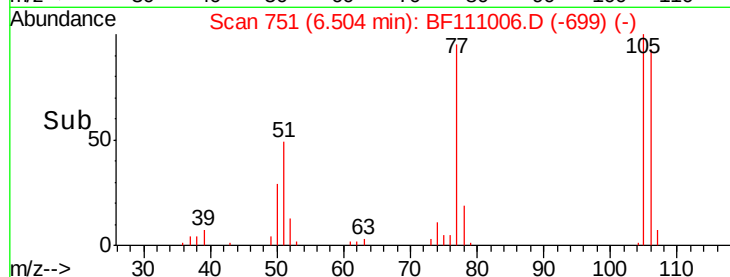
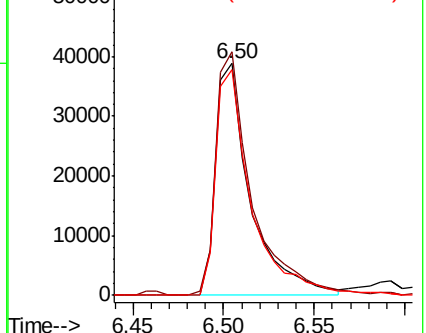
106 97.4 74.8 114.8



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: 44.899 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111006.D

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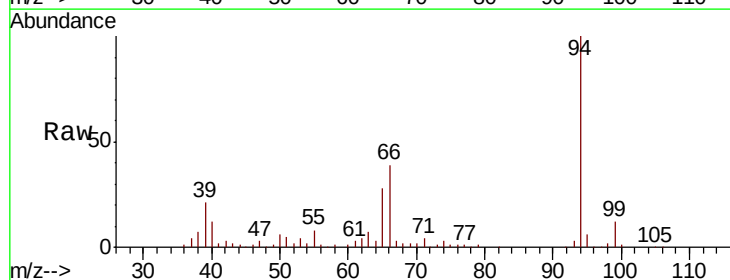
Tgt Ion: 94 Resp: 199265

Ion Ratio Lower Upper

94 100

65 28.1 25.3 65.3

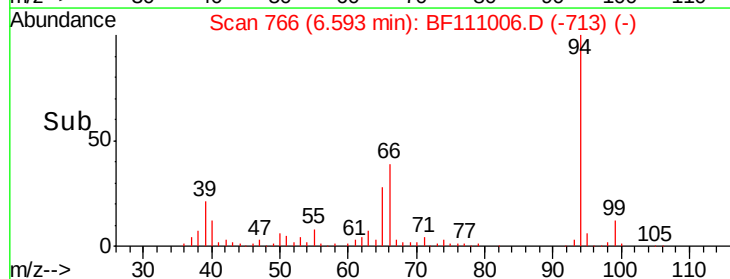
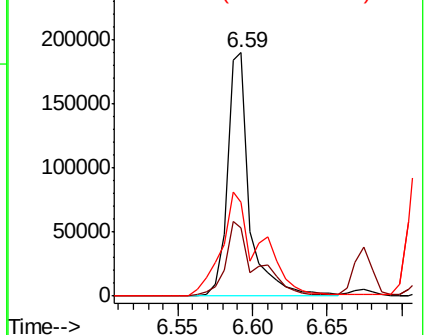
66 38.5 54.5 94.5#

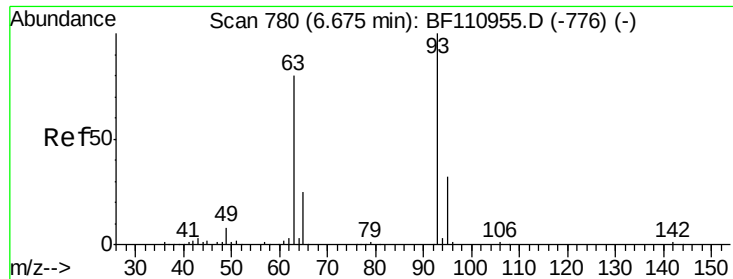


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

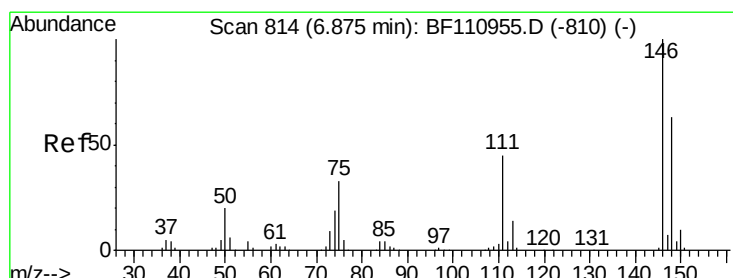
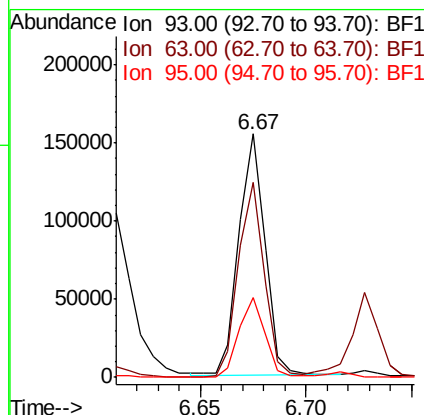
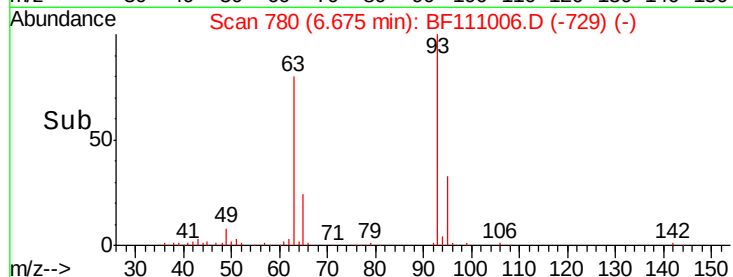
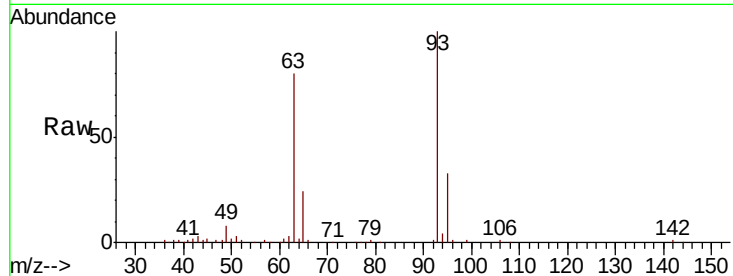




#11
bis(2-Chloroethyl)ether
Concen: 39.249 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

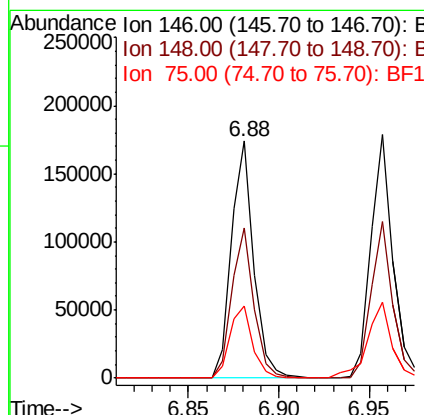
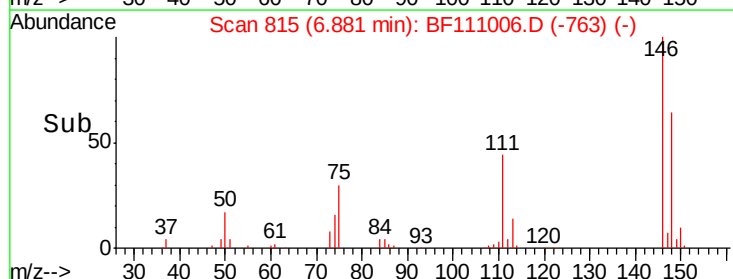
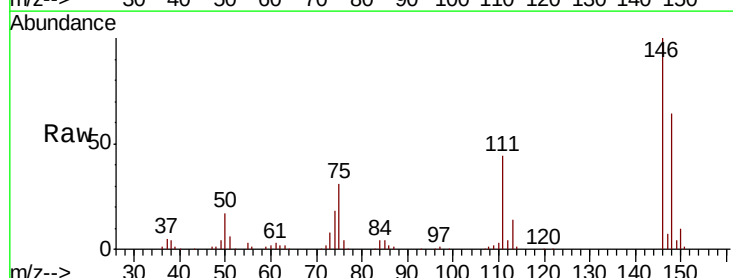
Instrument :
BNA_F
ClientSampleId :

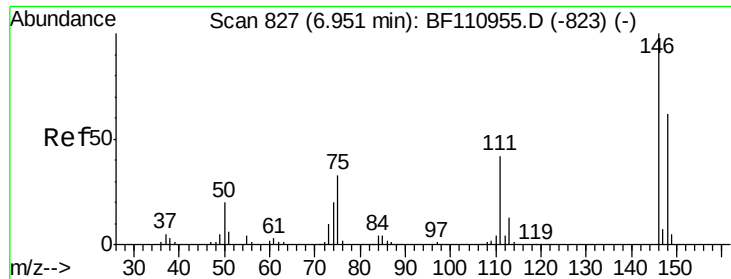
Tot Ion: 93 Resp: 131233
Ion Ratio Lower Upper
93 100
63 80.2 53.4 93.4
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.950 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion: 146 Resp: 149413
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
75 30.6 25.8 38.6

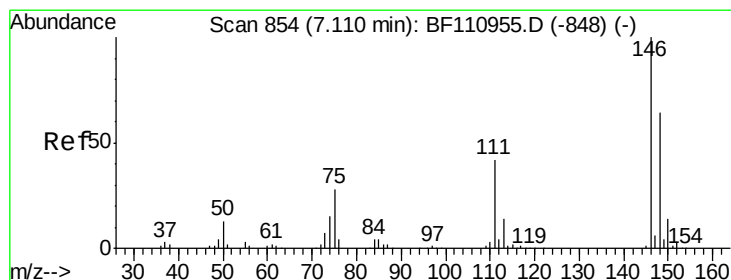
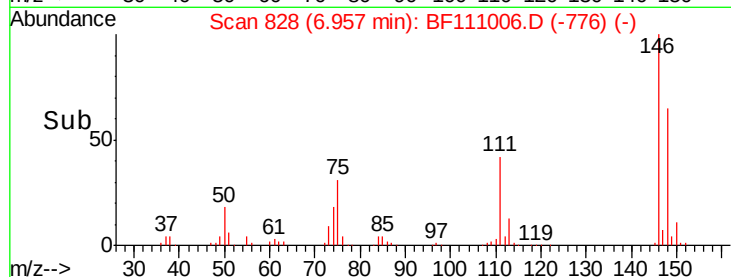
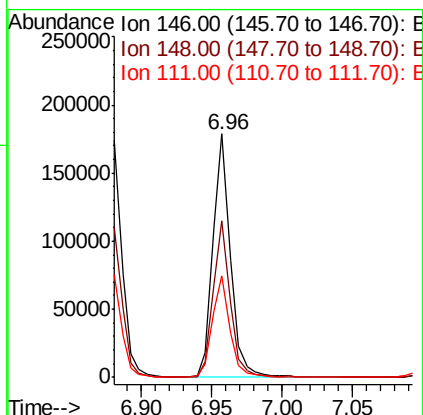
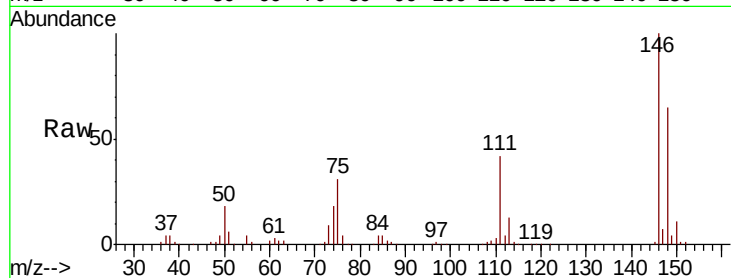




#13
 1,4-Dichlorobenzene
 Concen: 38.041 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

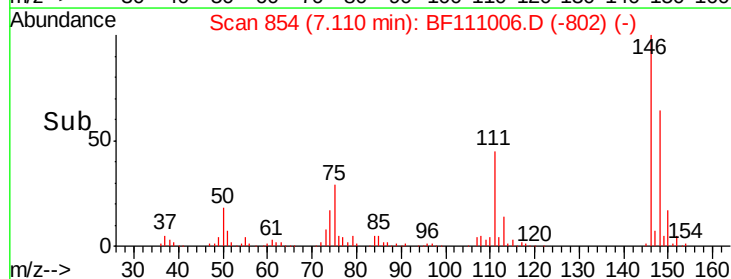
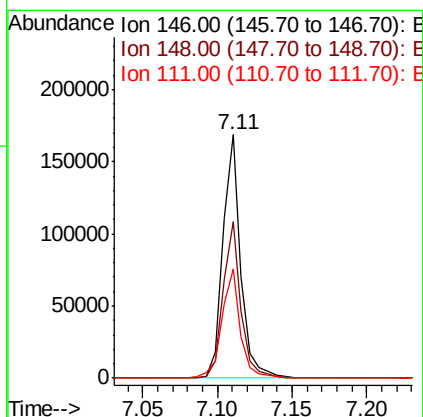
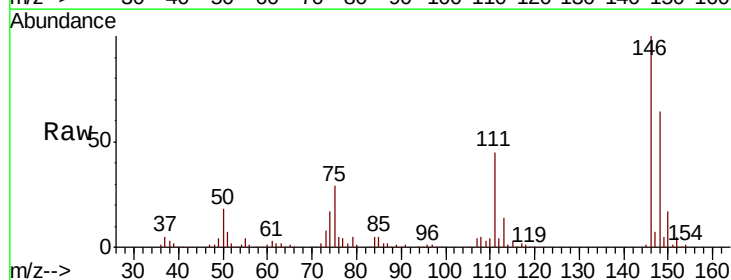
Instrument :
 BNA_F
 ClientSampleID :

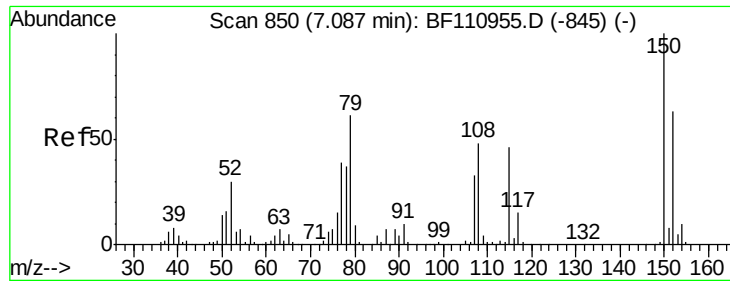
Tot Ion:146 Resp: 154018
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 41.8 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 37.338 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion:146 Resp: 142281
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 44.9 35.8 53.6

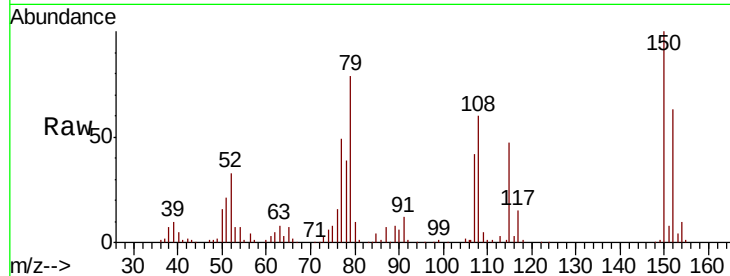




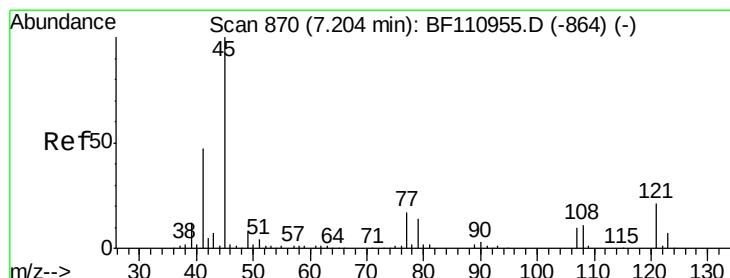
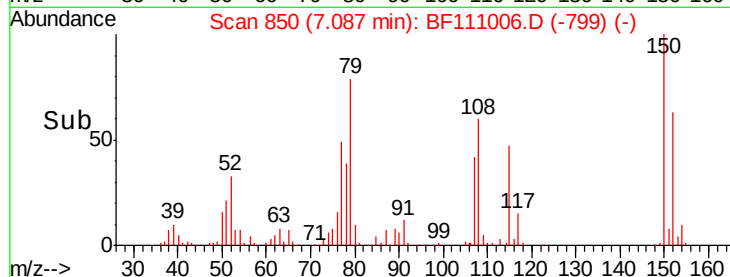
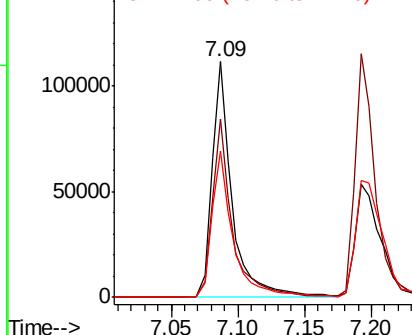
#15
Benzyl Alcohol
Concen: 38.871 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 117723
Ion Ratio Lower Upper
79 100
108 75.6 56.3 84.5
77 62.0 52.9 79.3

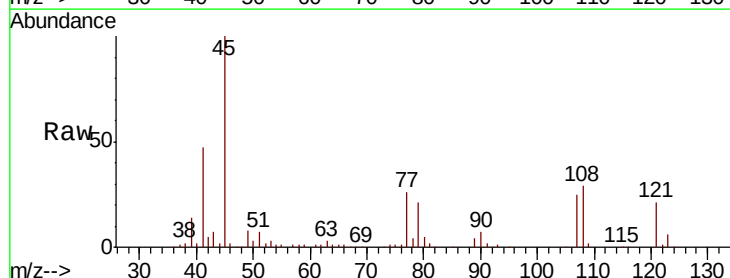


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

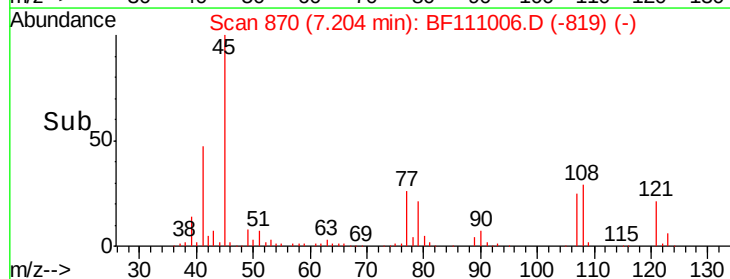
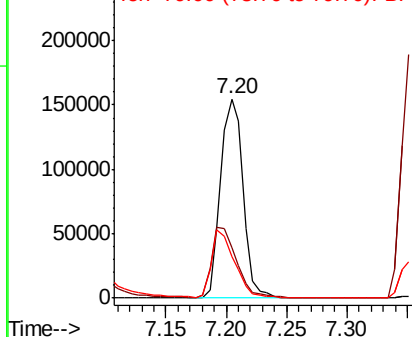


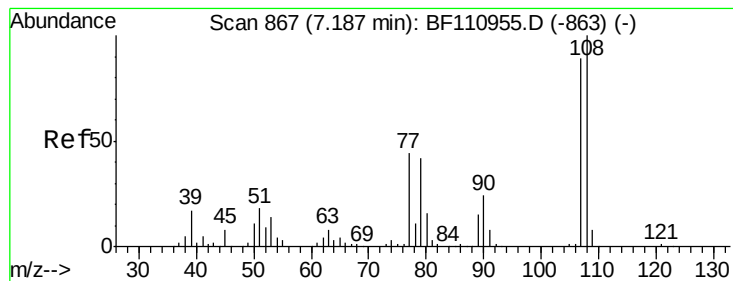
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.414 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion: 45 Resp: 199087
Ion Ratio Lower Upper
45 100
77 25.6 10.0 50.0
79 20.9 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

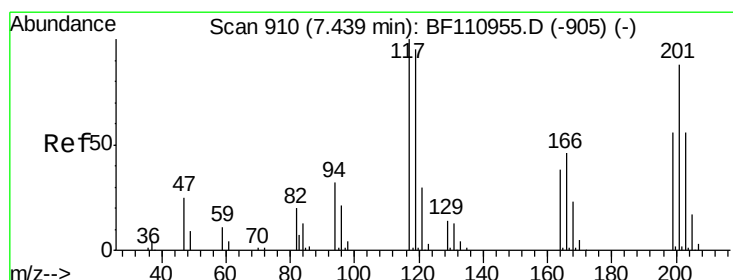
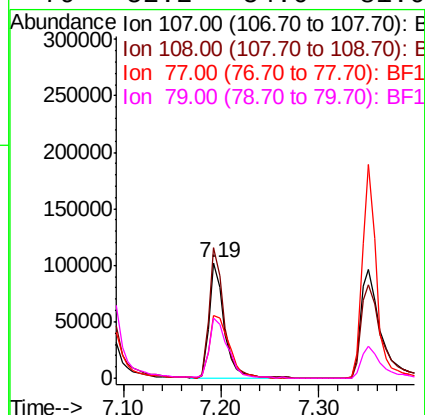
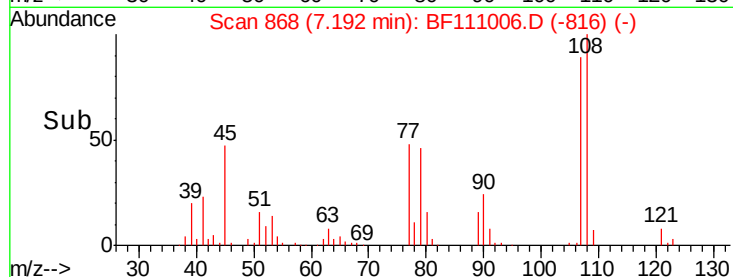
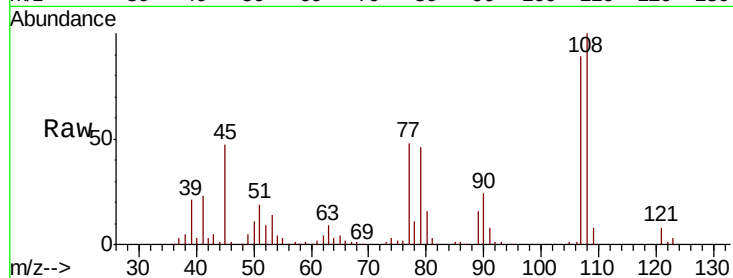




#17
2-Methylphenol
Concen: 38.601 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

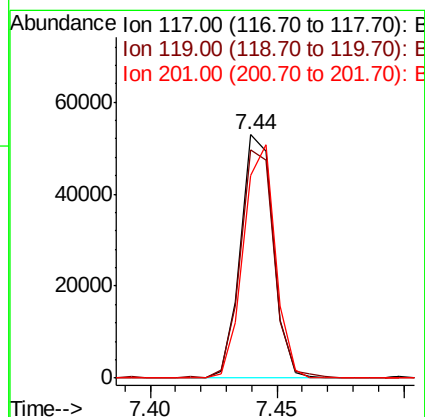
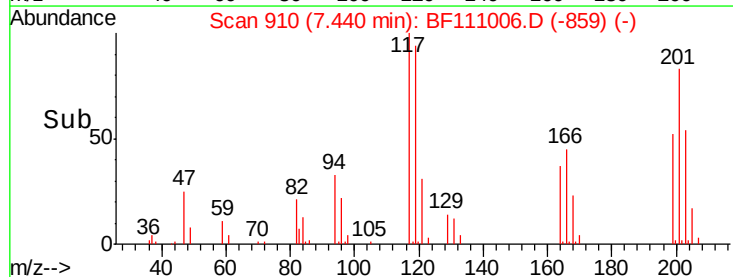
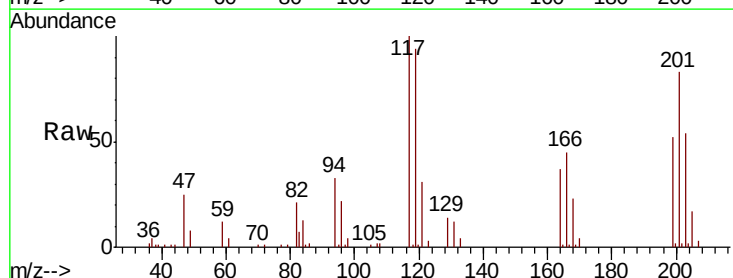
Instrument :
BNA_F
ClientSampled :

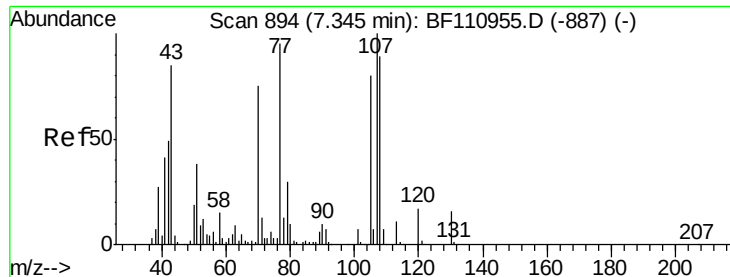
Tot Ion:107 Resp: 109993
Ion Ratio Lower Upper
107 100
108 112.9 92.6 138.8
77 54.0 59.4 89.2#
79 52.2 54.0 81.0#



#18
Hexachloroethane
Concen: 31.823 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:117 Resp: 47395
Ion Ratio Lower Upper
117 100
119 93.7 75.0 112.6
201 83.3 79.2 118.8

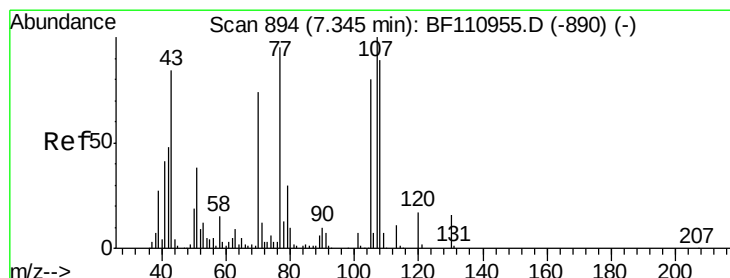
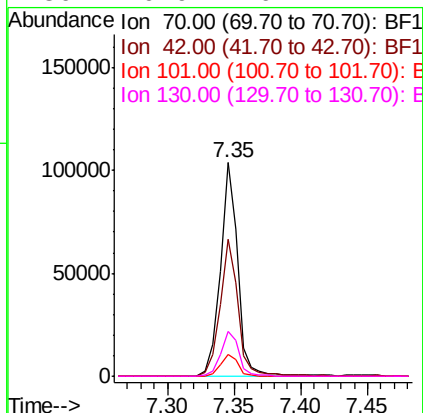
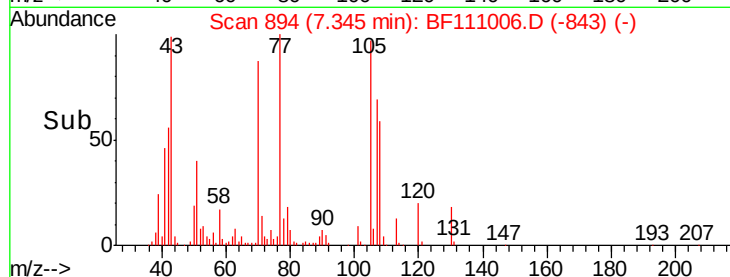
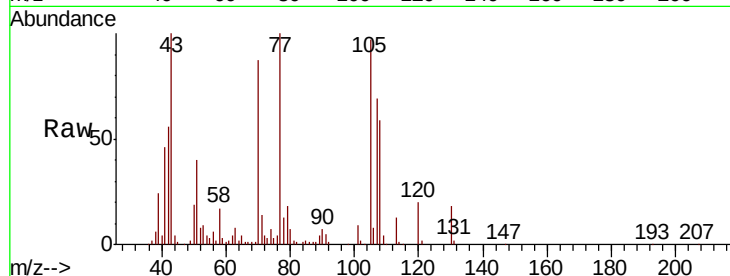




#19
n-Nitroso-di-n-propylamine
Concen: 37.184 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

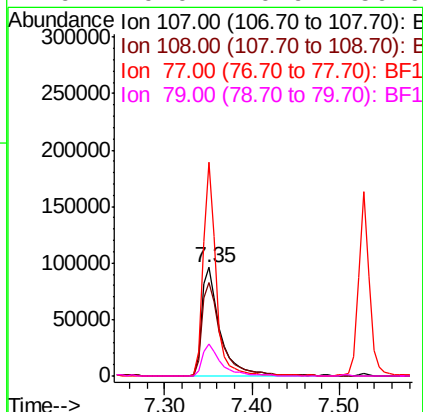
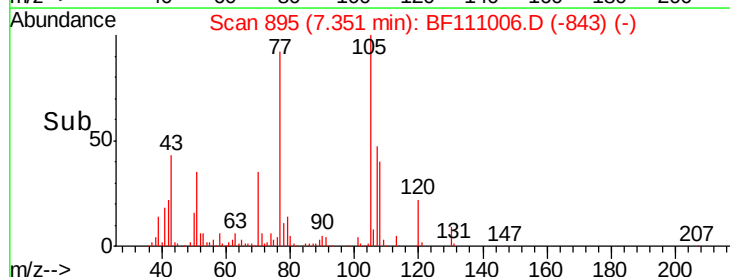
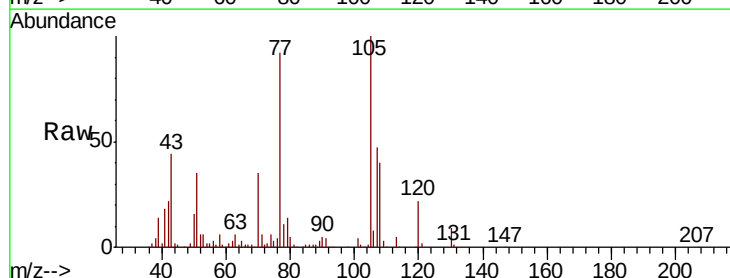
Instrument :
BNA_F
ClientSampleId :

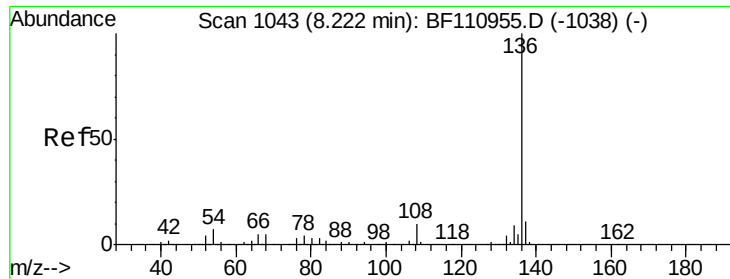
Tot Ion: 70 Resp: 95452
Ion Ratio Lower Upper
70 100
42 64.4 47.4 71.2
101 10.2 7.3 10.9
130 20.9 16.2 24.2



#20
3+4-Methylphenols
Concen: 37.500 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:107 Resp: 142044
Ion Ratio Lower Upper
107 100
108 86.5 71.4 111.4
77 196.8 47.3 87.3#
79 29.0 10.9 50.9

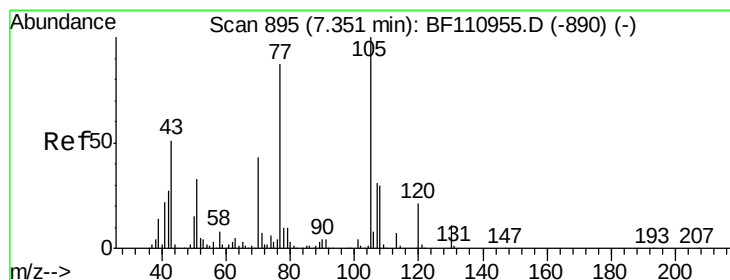
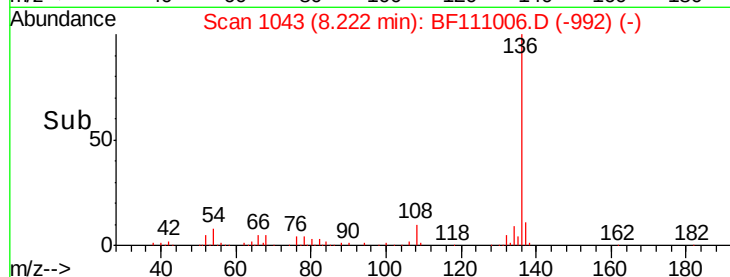
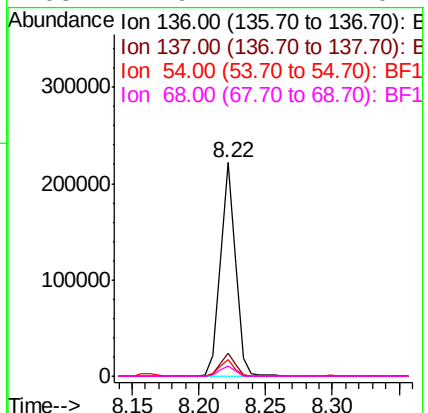
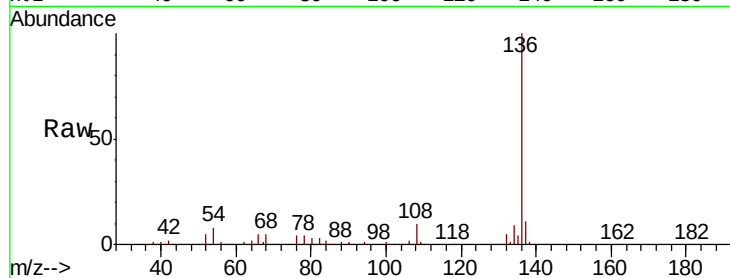




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

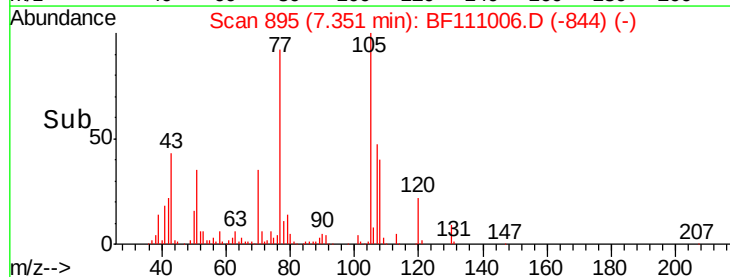
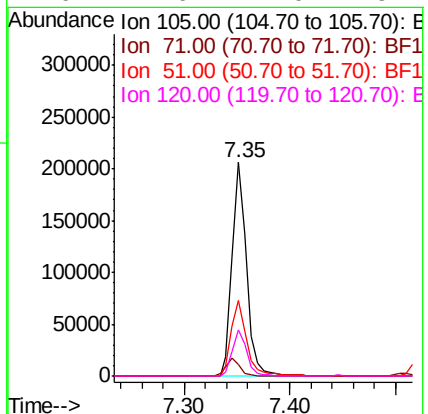
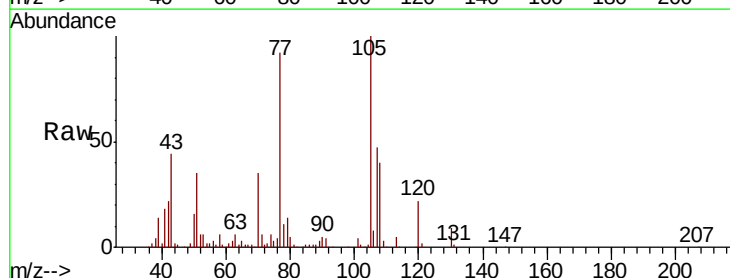
Instrument :
BNA_F
ClientSampleId :

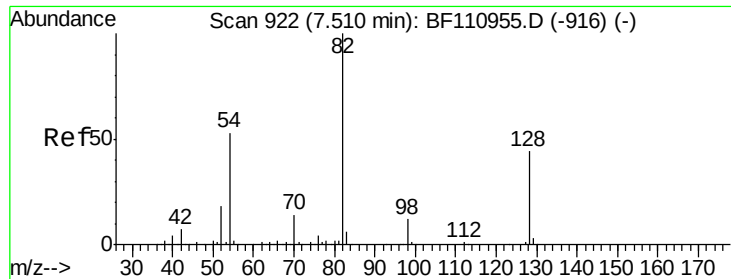
Tot Ion:136	Resp:	179703	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.0	5.4	8.2	
68 4.9	4.2	6.2	



#22
Acetophenone
Concen: 45.794 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt	Ion:105	Resp:	192895
Ion	Ratio	Lower	Upper
105	100		
71	5.6	5.2	7.8
51	35.3	21.8	32.8#
120	21.6	17.0	25.4

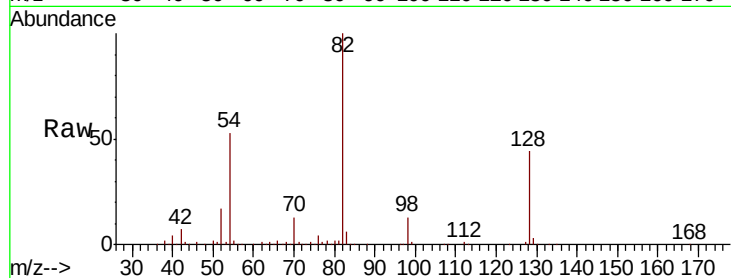




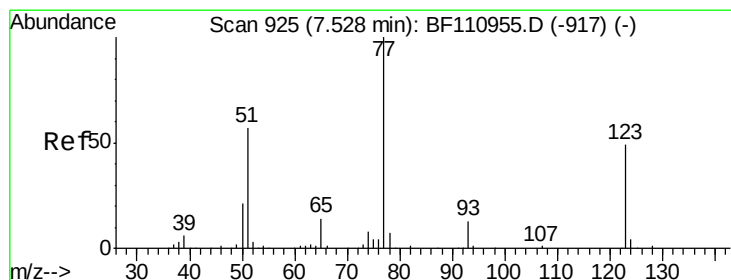
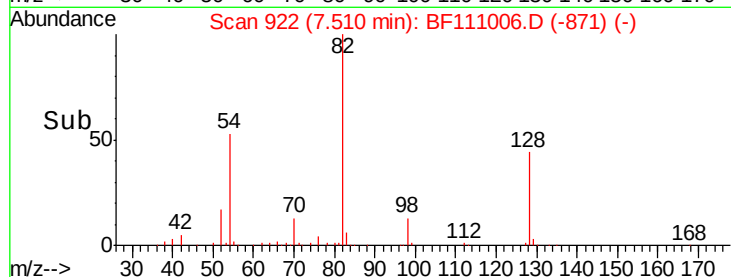
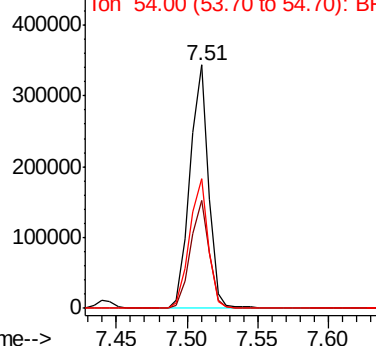
#23
Nitrobenzene-d5
Concen: 100.626 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	315963
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.2	51.2
54	53.4	38.6	58.0

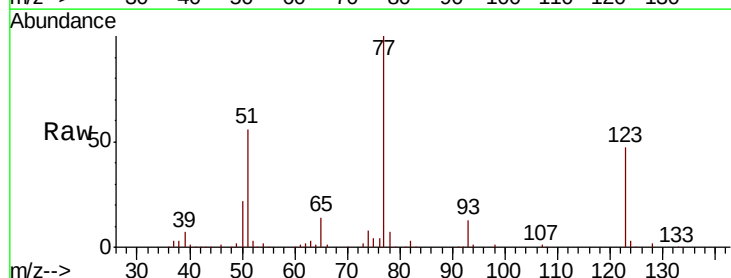


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

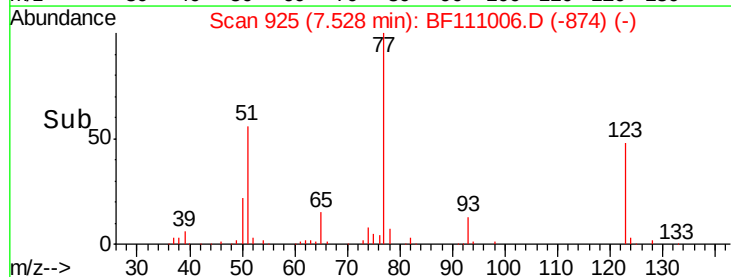
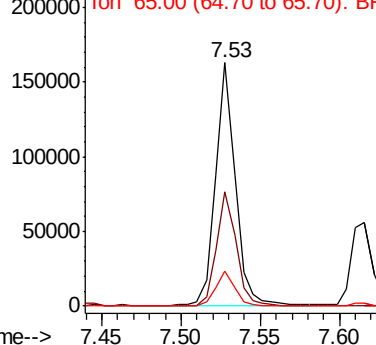


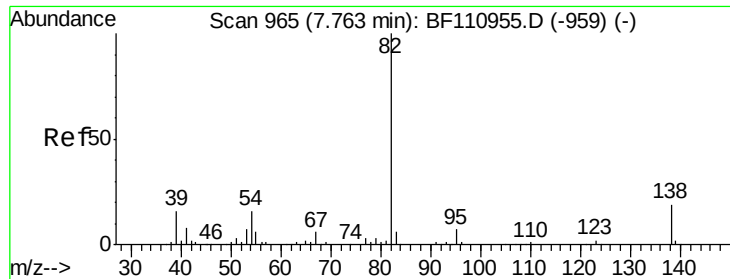
#24
Nitrobenzene
Concen: 43.476 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	77	Resp	141964
Ion Ratio	Lower	Upper	
77	100		
123	46.8	35.7	53.5
65	14.4	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: 47.499 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

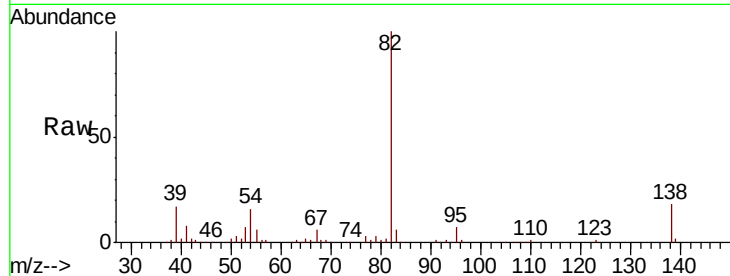
Tot Ion: 82 Resp: 244651

Ion Ratio Lower Upper

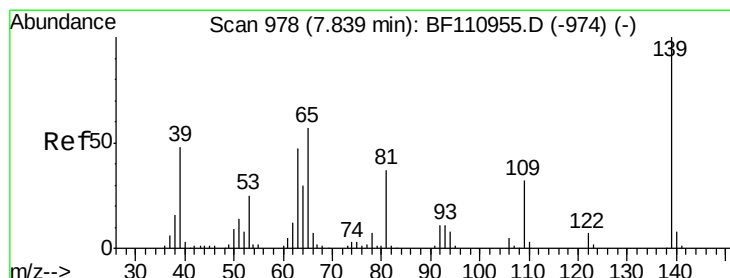
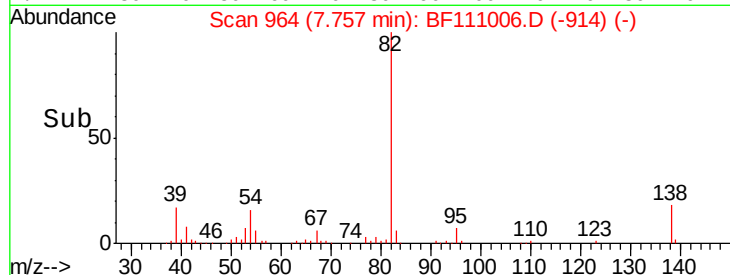
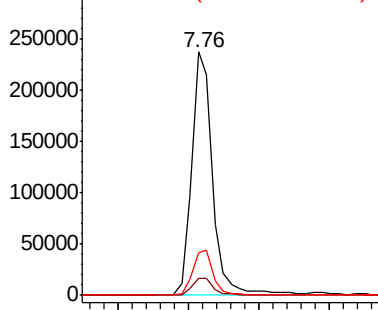
82 100

95 7.2 5.7 8.5

138 17.7 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: 40.129 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

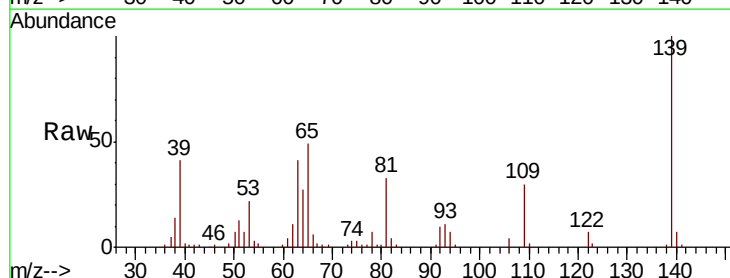
Tgt Ion: 139 Resp: 63661

Ion Ratio Lower Upper

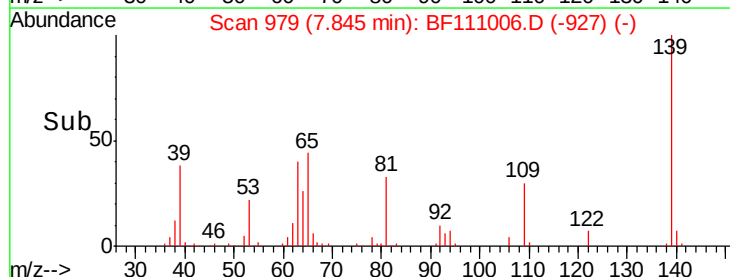
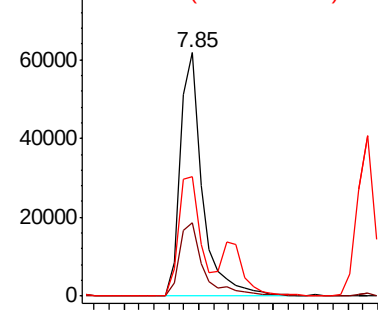
139 100

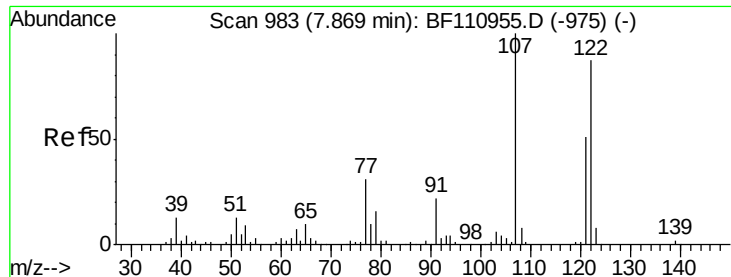
109 30.1 25.0 37.6

65 49.1 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

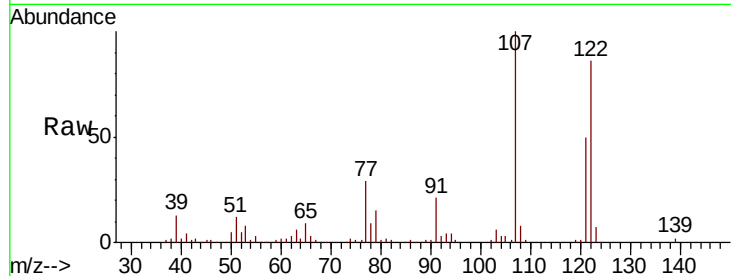




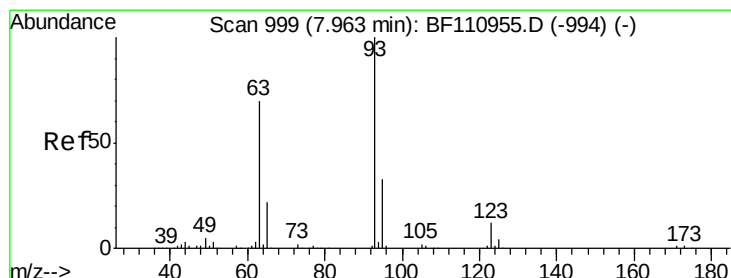
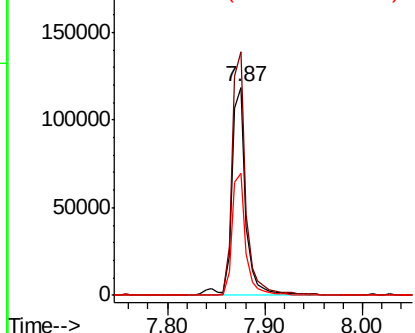
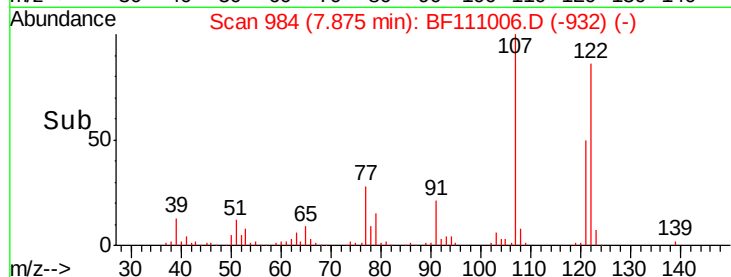
#27
 2,4-Dimethylphenol
 Concen: 49.360 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 118254
 Ion Ratio Lower Upper
 122 100
 107 116.9 92.5 138.7
 121 58.3 45.8 68.8

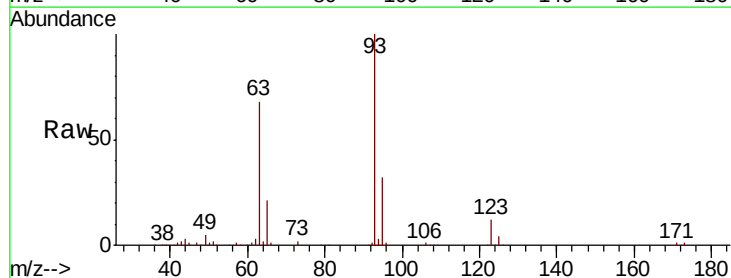


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

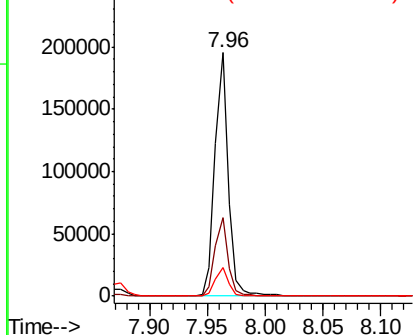
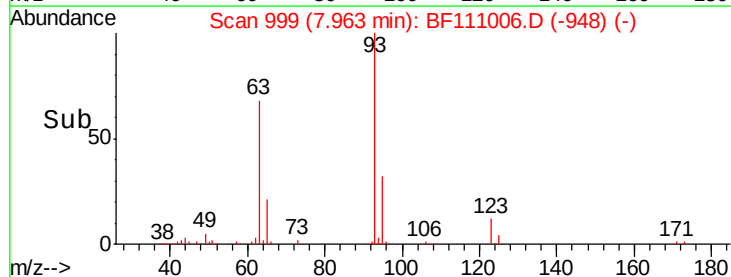


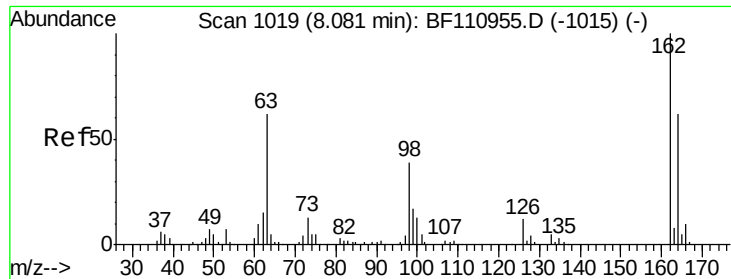
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.479 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion: 93 Resp: 156931
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.4 39.6
 123 11.7 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

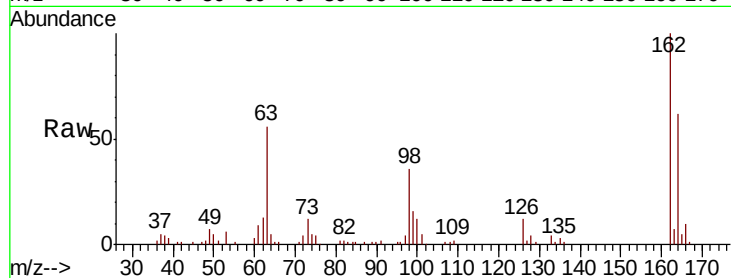




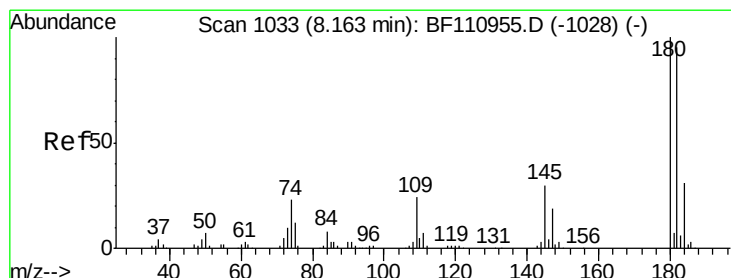
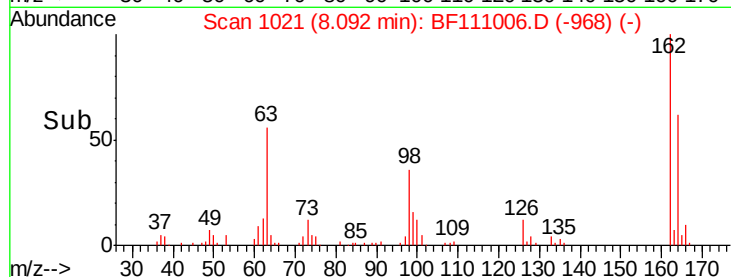
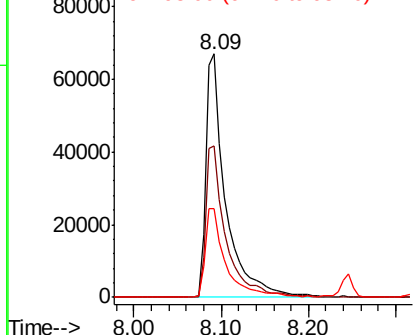
#29
 2,4-Dichlorophenol
 Concen: 41.585 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 104253
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.6 84.6
 98 36.5 17.4 57.4

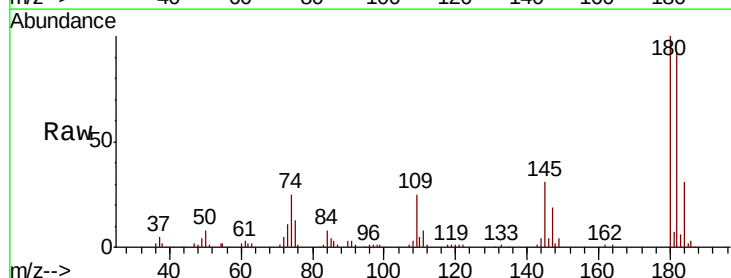


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

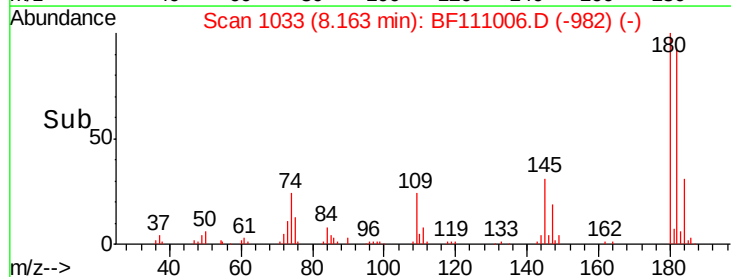
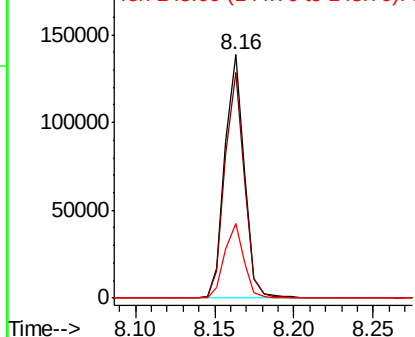


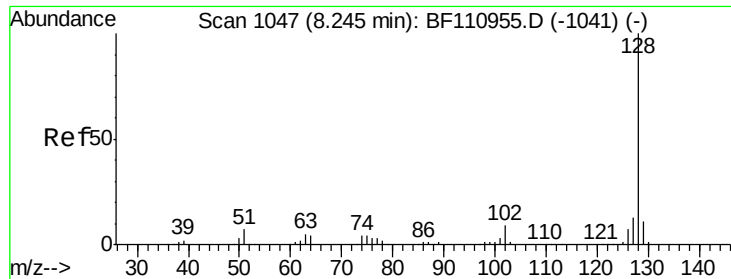
#30
 1,2,4-Trichlorobenzene
 Concen: 41.790 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion:180 Resp: 117409
 Ion Ratio Lower Upper
 180 100
 182 92.5 80.3 120.5
 145 30.9 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

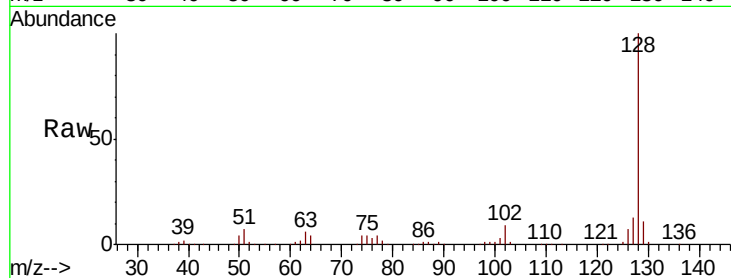




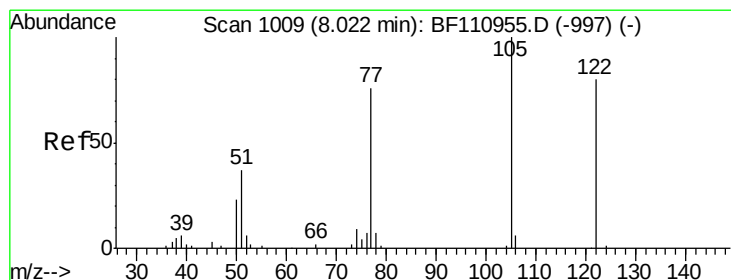
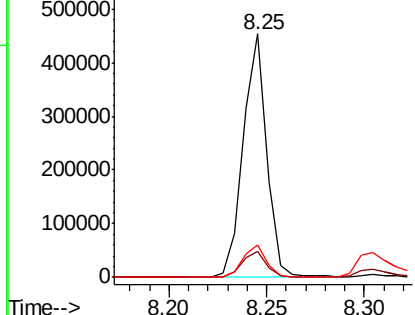
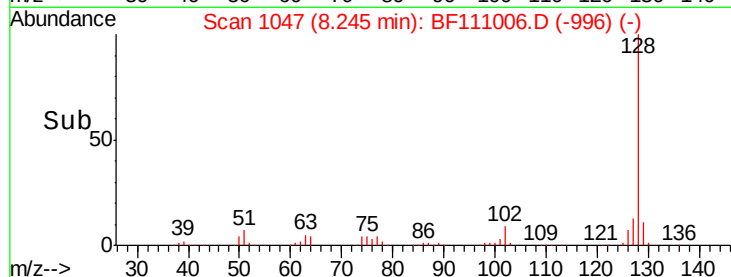
#31
Naphthalene
Concen: 45.160 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 380413
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.8 16.2

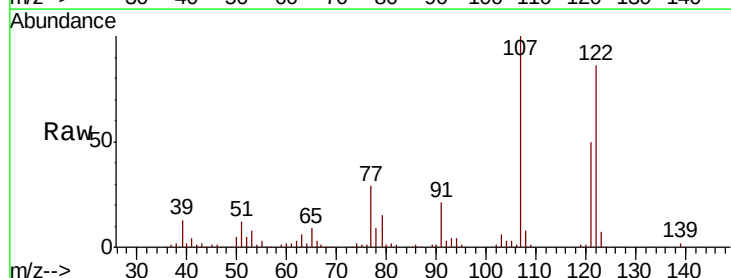


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

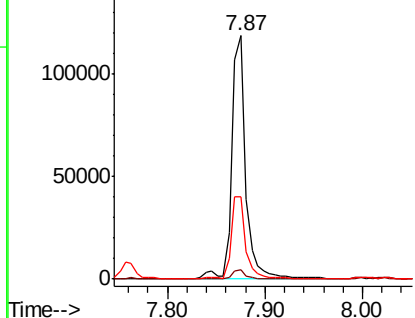
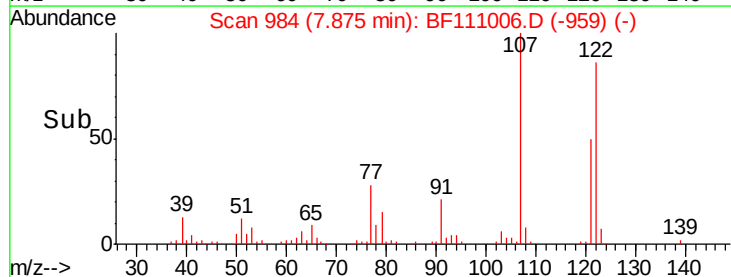


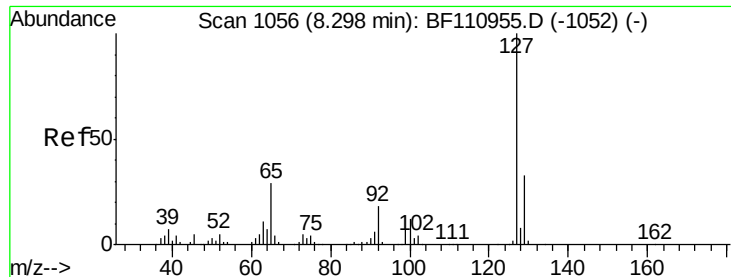
#32
Benzoic acid
Concen: 66.391 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.15 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:122 Resp: 118254
Ion Ratio Lower Upper
122 100
105 3.6 109.0 149.0#
77 33.6 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

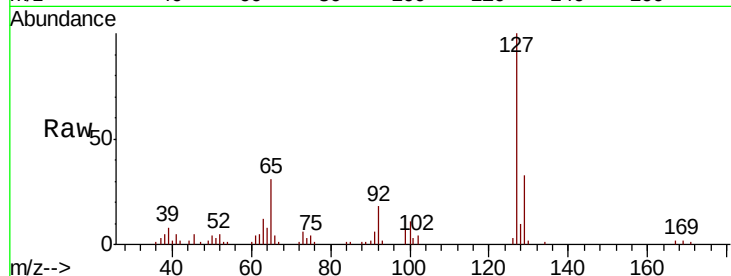




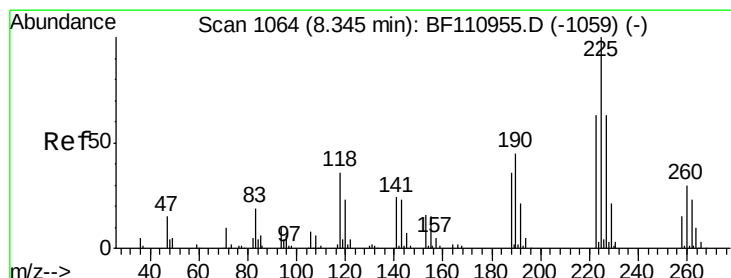
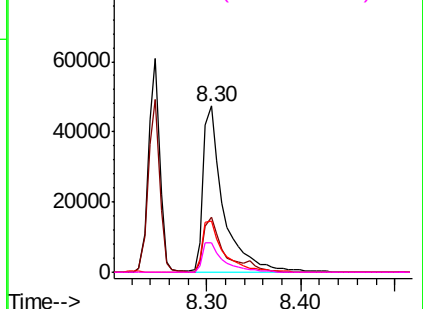
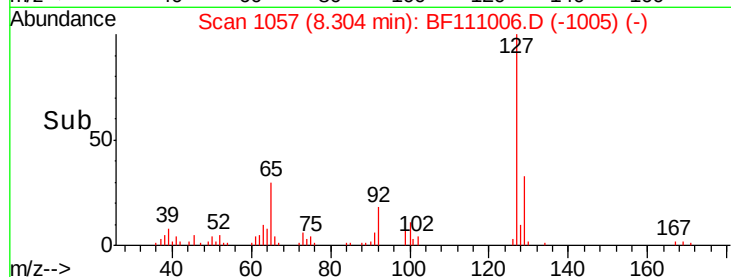
#33
4-Chloroaniline
Concen: 20.197 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	72412	
Ion Ratio	Lower	Upper	
127 100			
129 33.3	26.0	39.0	
65 30.6	25.1	37.7	
92 17.8	15.0	22.6	

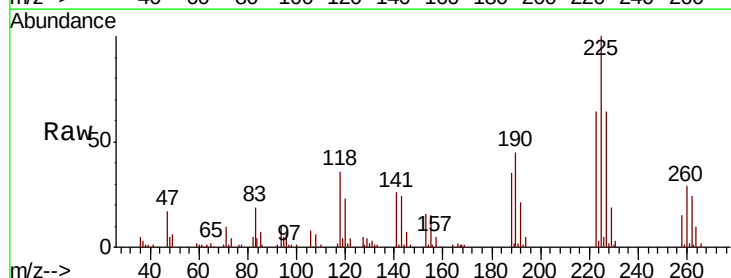


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

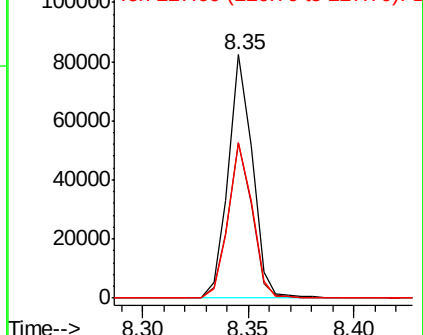
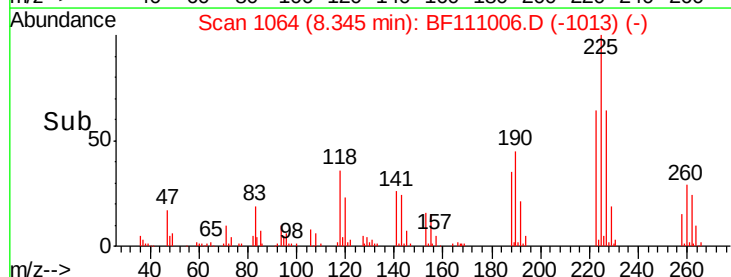


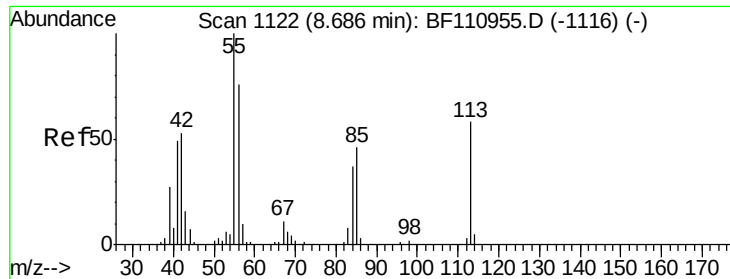
#34
Hexachlorobutadiene
Concen: 40.750 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:225	Resp: 65208
Ion Ratio	Lower Upper
225 100	
223 63.7	51.4 77.2
227 63.9	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

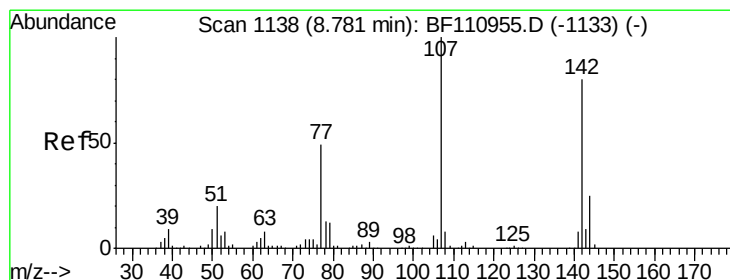
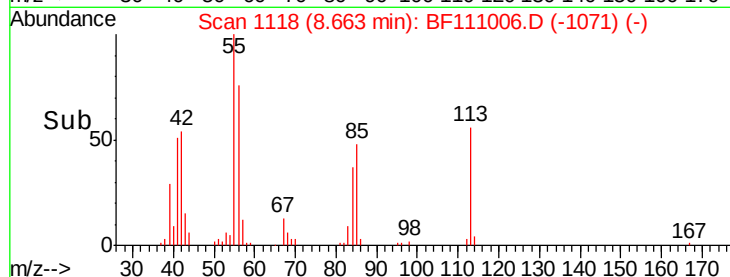
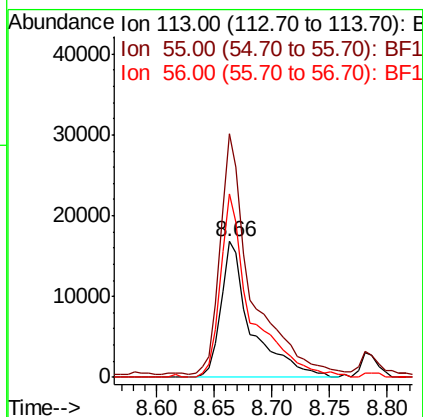
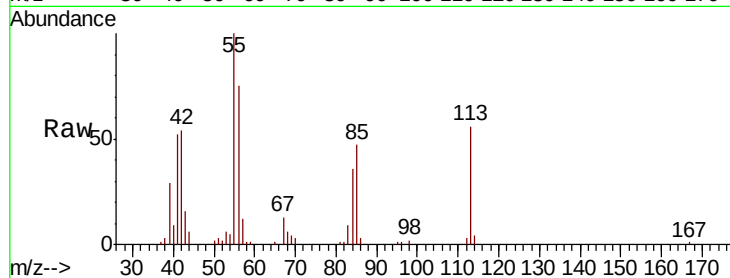




#35
 Caprolactam
 Concen: 35.728 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

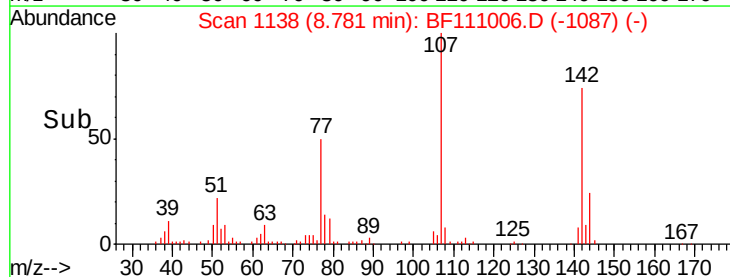
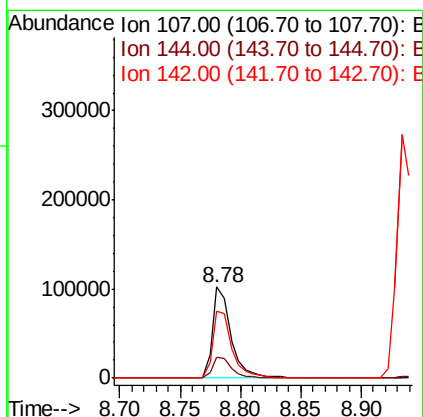
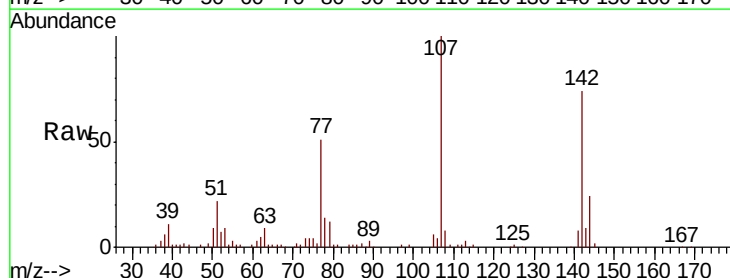
Instrument :
 BNA_F
 ClientSampled :

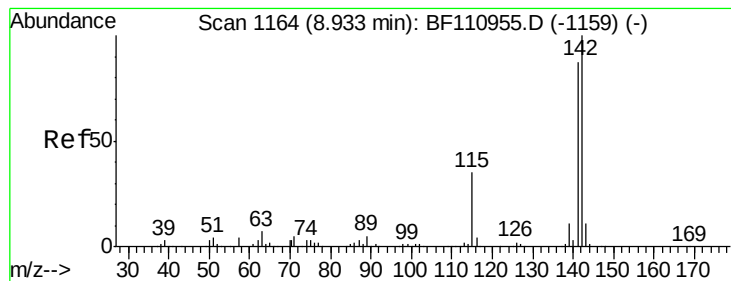
Tot Ion:113 Resp: 30579
 Ion Ratio Lower Upper
 113 100
 55 179.1 142.8 182.8
 56 135.0 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.046 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion:107 Resp: 108762
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.0 30.0
 142 73.6 59.7 89.5

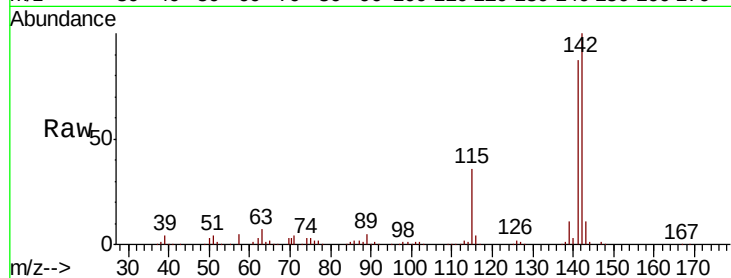




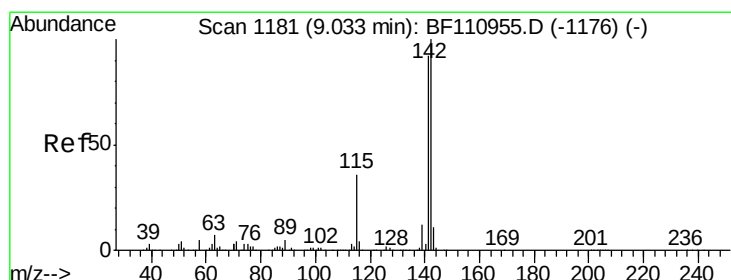
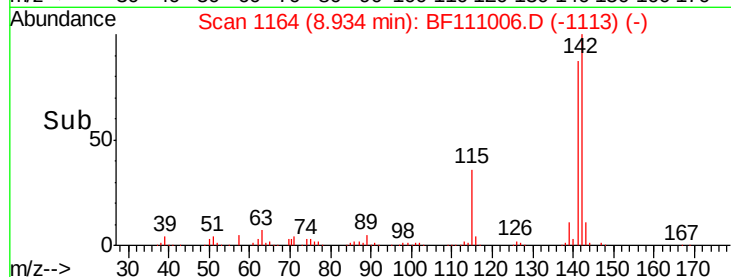
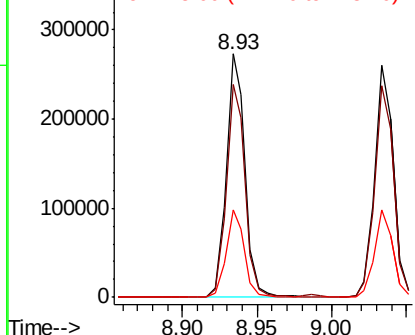
#37
2-Methylnaphthalene
Concen: 43.835 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 243894
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.2
115 35.9 28.7 43.1

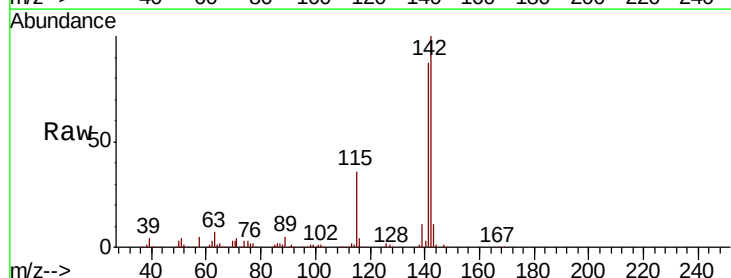


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

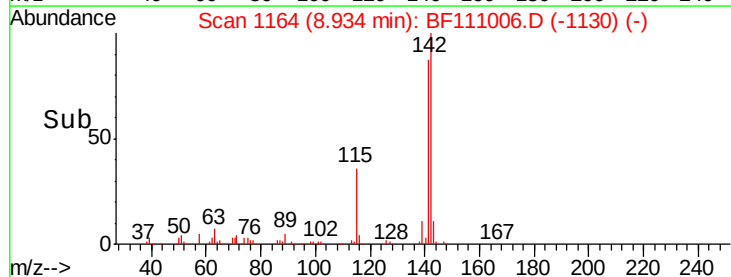
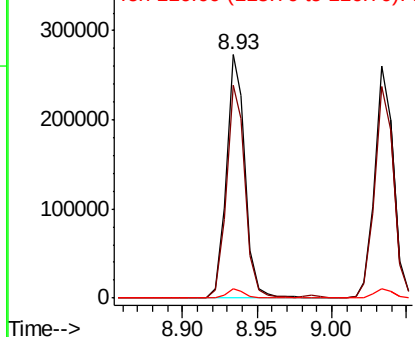


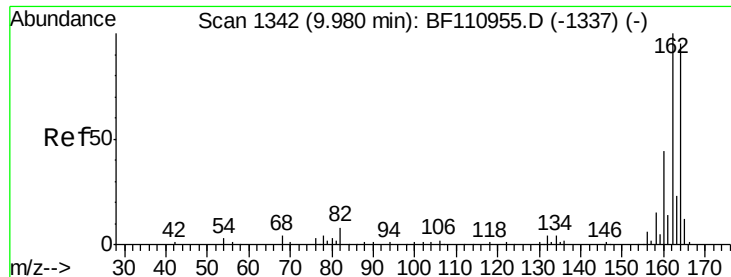
#38
1-Methylnaphthalene
Concen: 45.066 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.10 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:142 Resp: 243894
Ion Ratio Lower Upper
142 100
141 87.4 74.2 111.4
116 3.8 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: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

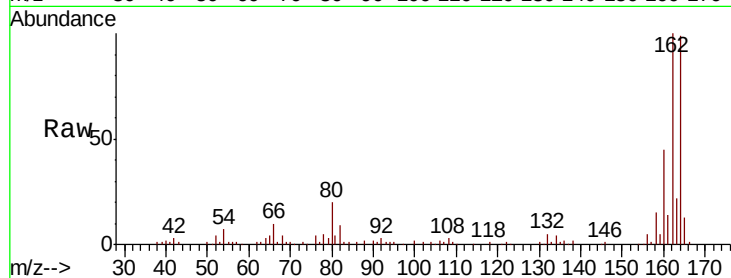
Tot Ion:164 Resp: 72822

Ion Ratio Lower Upper

164 100

162 101.3 83.0 124.6

160 45.1 37.0 55.6

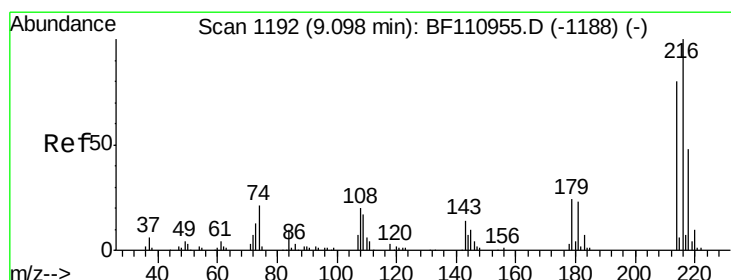
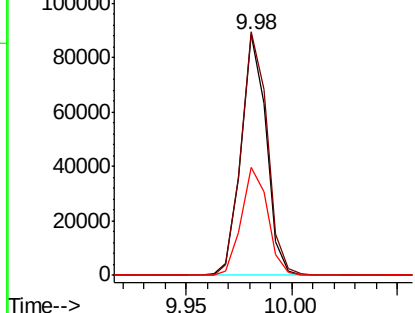
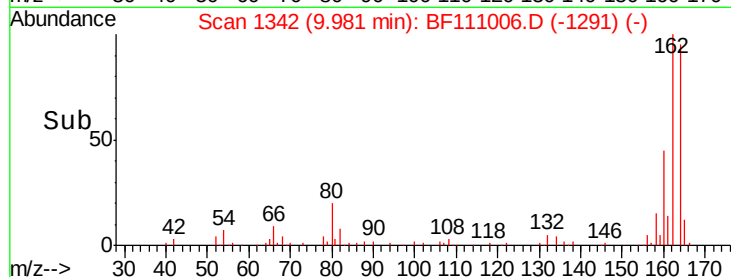


Abundance

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: 43.044 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Tgt Ion:216 Resp: 98606

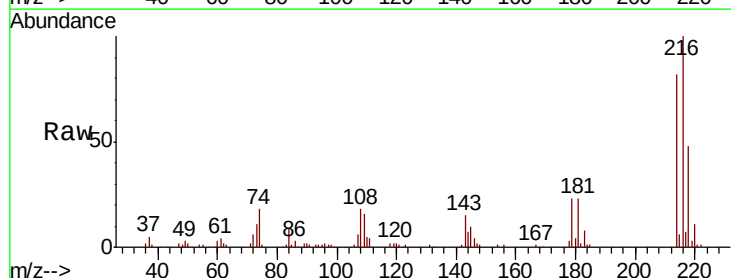
Ion Ratio Lower Upper

216 100

214 80.8 63.8 95.6

179 23.3 16.6 25.0

108 18.6 15.1 22.7



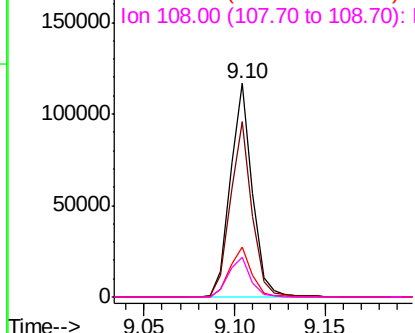
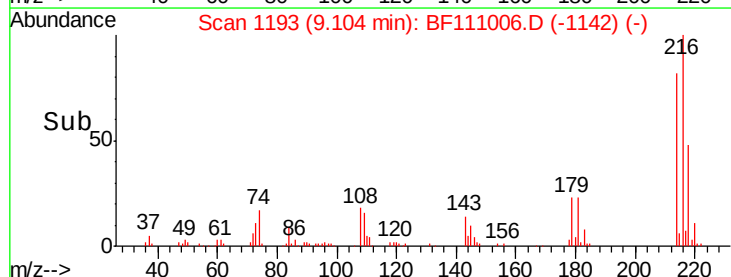
Abundance

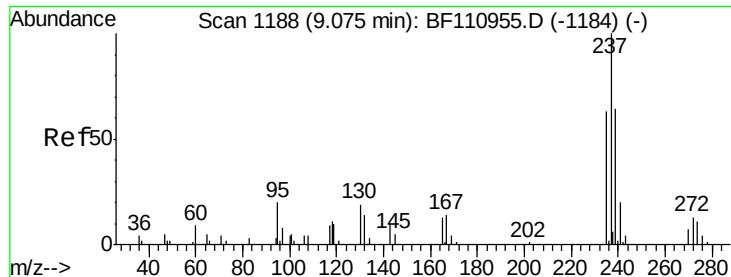
Ion 216.00 (215.70 to 216.70): E

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

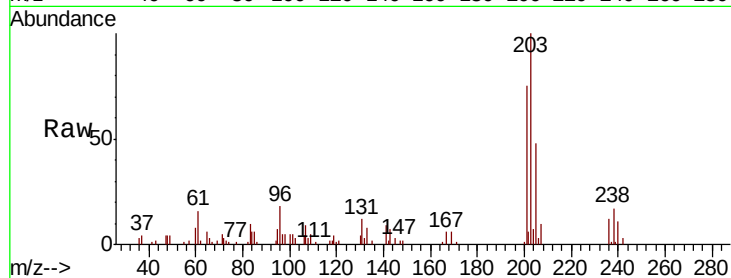




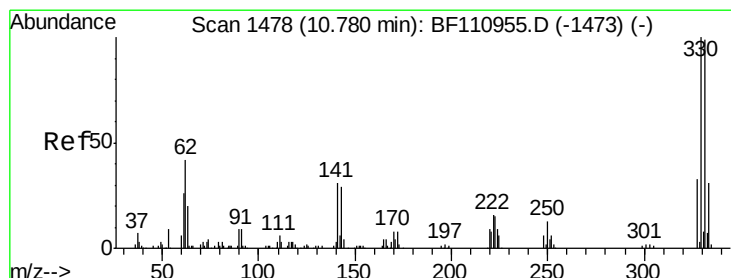
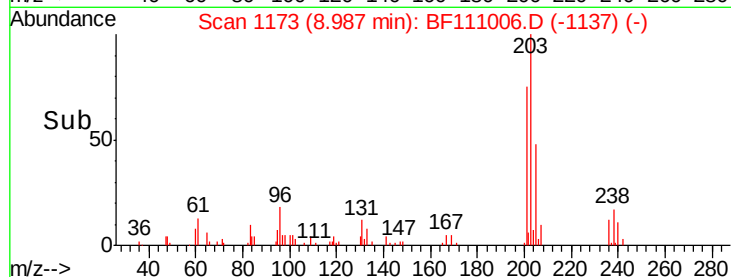
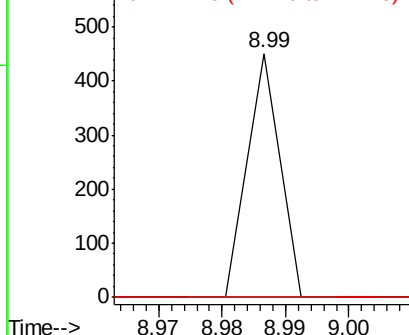
#41
Hexachlorocyclopentadiene
Concen: 10.815 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.09 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 159
Ion Ratio Lower Upper
237 100
235 0.0 43.1 83.1#
272 0.0 0.0 32.6

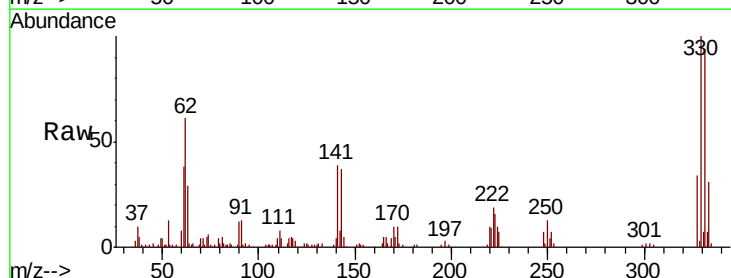


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

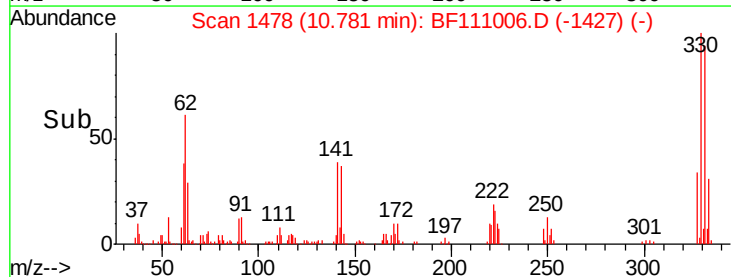
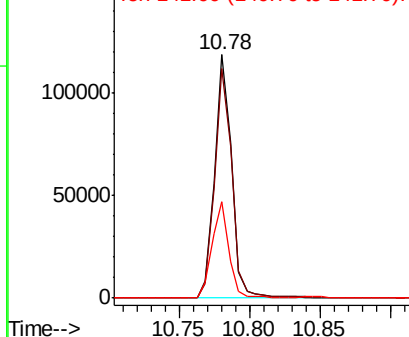


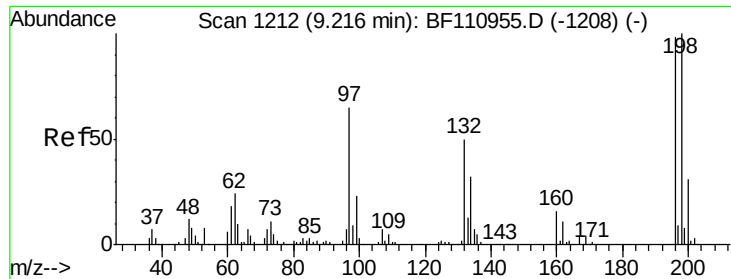
#42
2,4,6-Tribromophenol
Concen: 138.024 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:330 Resp: 99822
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 39.1 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

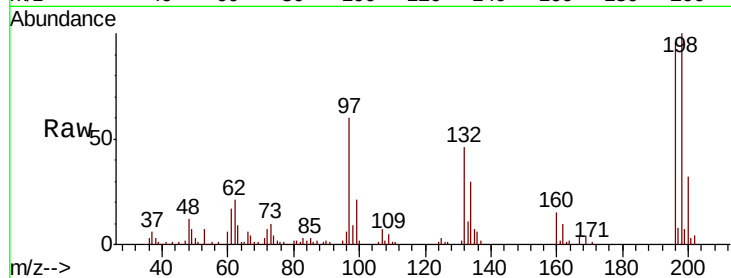




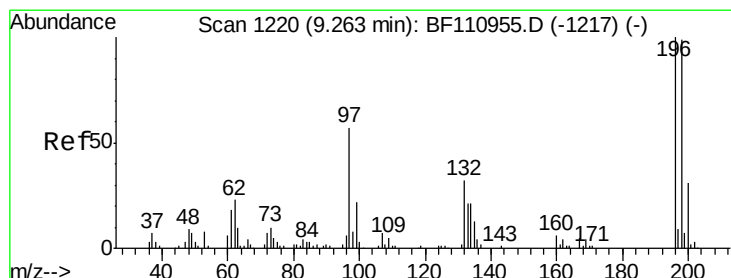
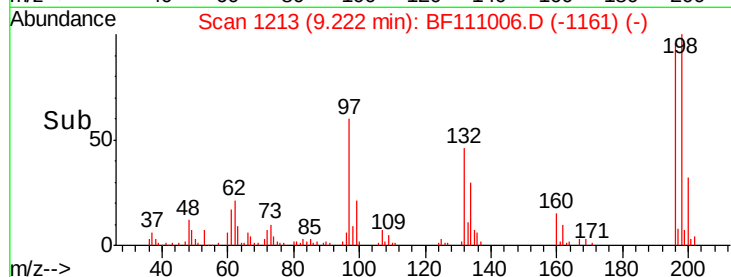
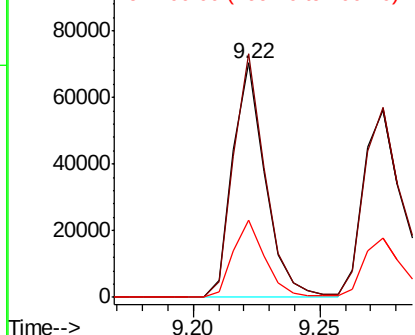
#43
 2,4,6-Trichlorophenol
 Concen: 46.068 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	63029
Ion	Ratio	Lower	Upper
196	100		
198	103.8	76.2	114.4
200	33.0	24.4	36.6

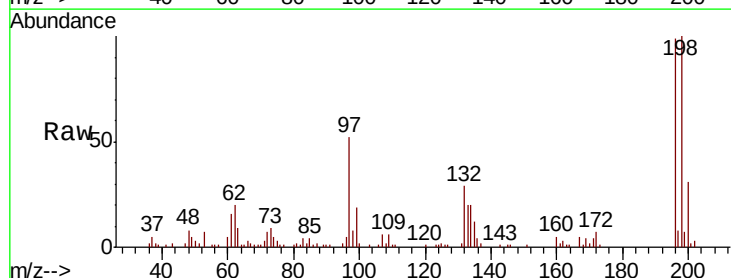


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

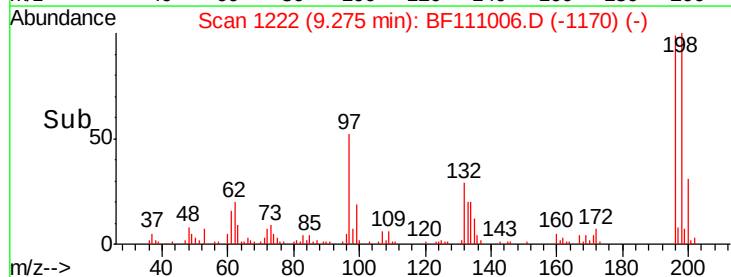
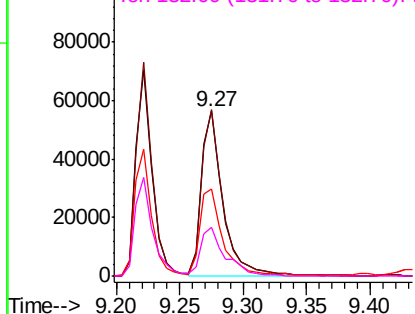


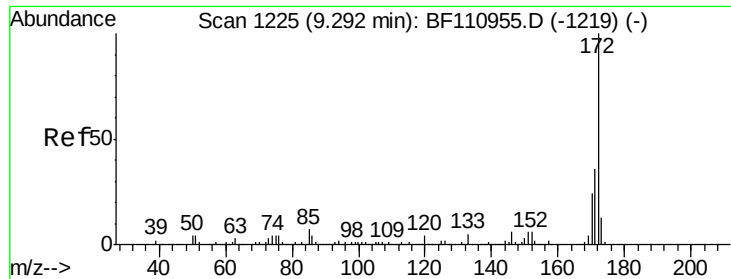
#44
 2,4,5-Trichlorophenol
 Concen: 46.016 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion:	196	Resp:	66291
Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.8	113.6
97	53.2	42.4	63.6
132	29.7	22.8	34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

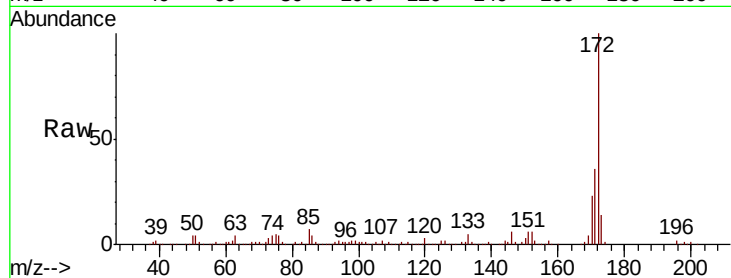




#45
 2-Fluorobiphenyl
 Concen: 102.280 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.5	19.7	29.5

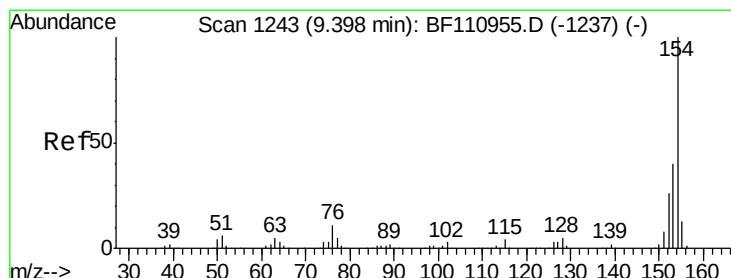
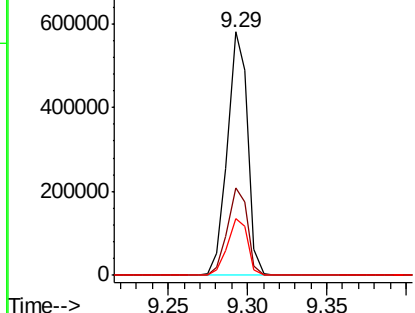
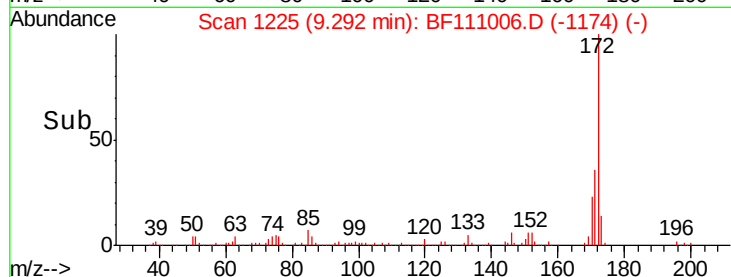


Abundance

Ion 172.00 (171.70 to 172.70): E

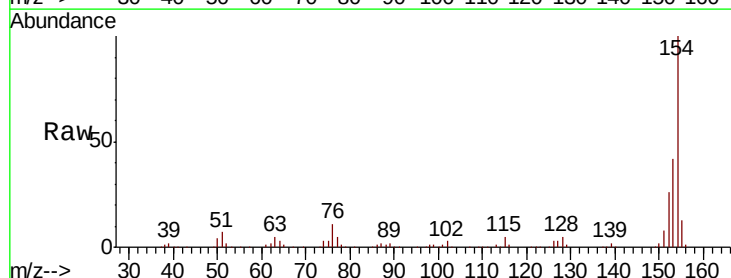
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 41.937 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.4	60.4
76	11.0	0.0	31.9

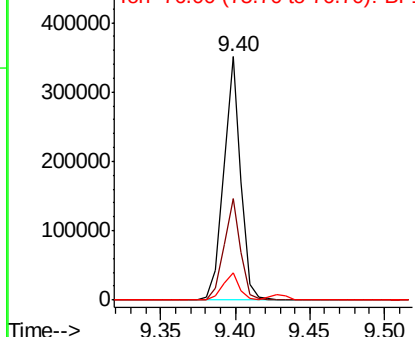
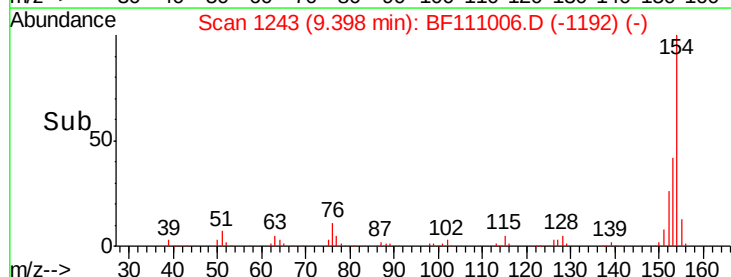


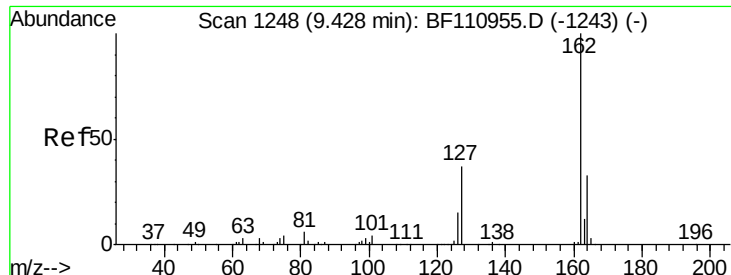
Abundance

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

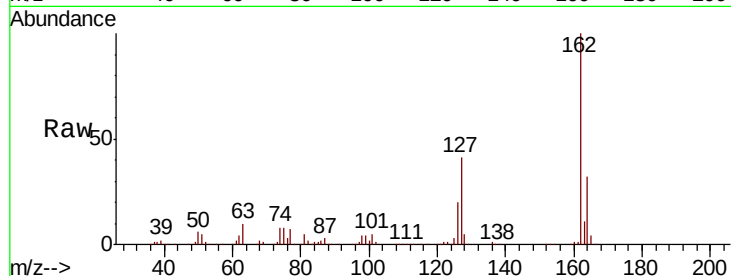




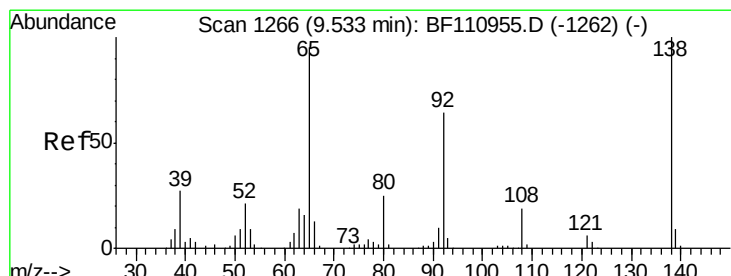
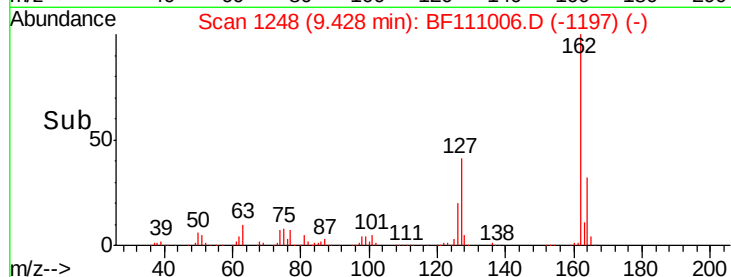
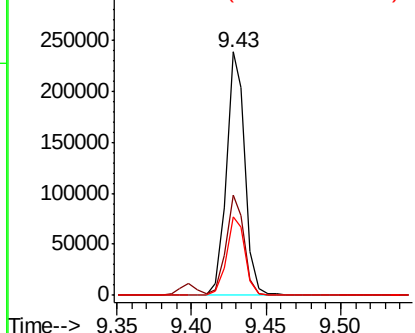
#47
 2-Chloronaphthalene
 Concen: 43.240 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	32.3	25.9	38.9

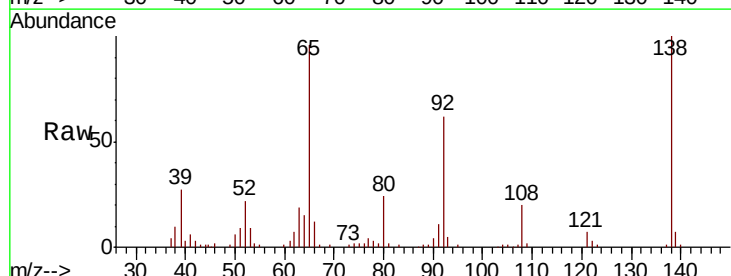


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

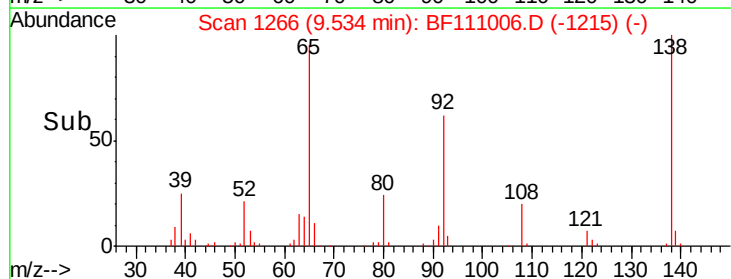
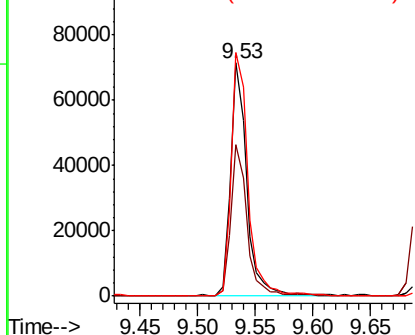


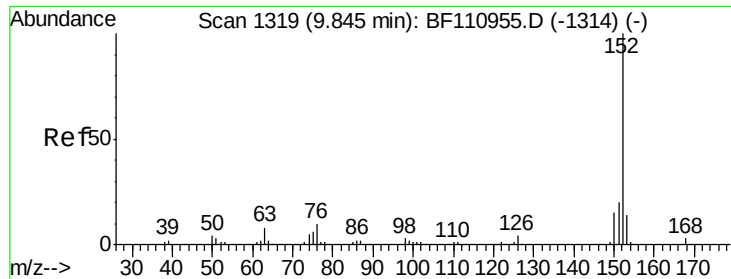
#48
 2-Nitroaniline
 Concen: 45.747 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	54.6	81.8
138	104.4	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: 46.327 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

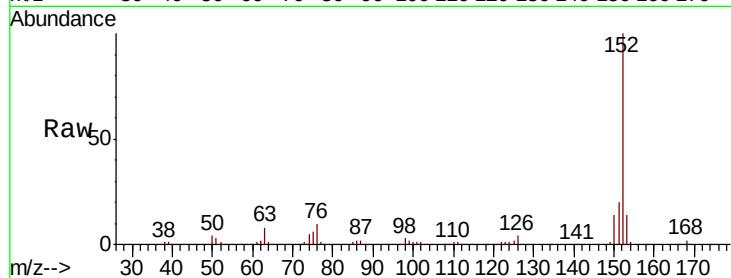
Tot Ion:152 Resp: 320677

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

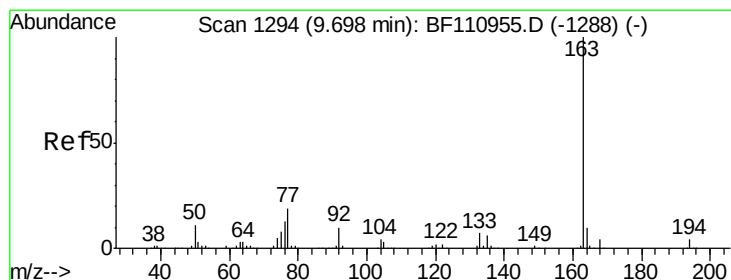
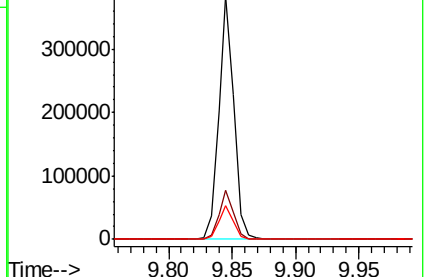
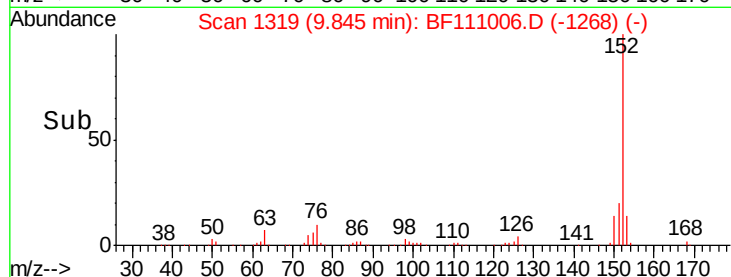
153 13.6 10.4 15.6



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: 58.335 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

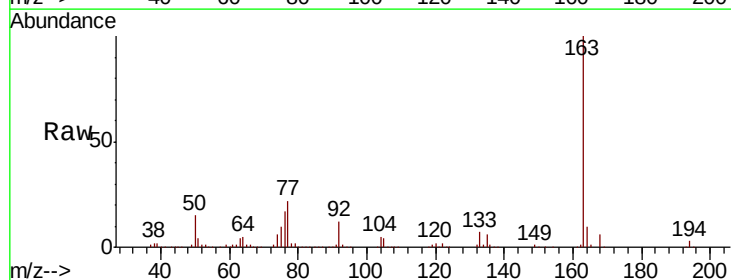
Tgt Ion:163 Resp: 311556

Ion Ratio Lower Upper

163 100

194 3.2 3.2 4.8#

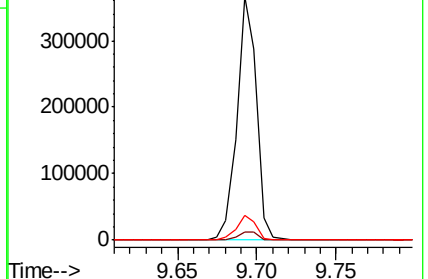
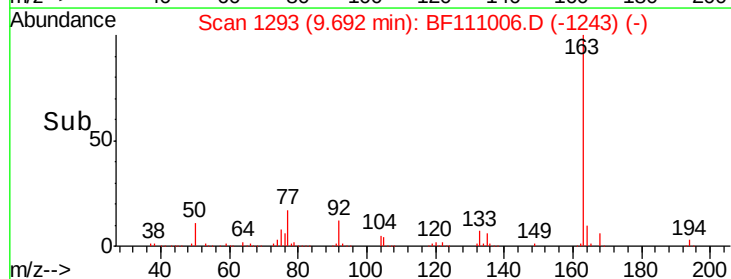
164 10.1 8.1 12.1

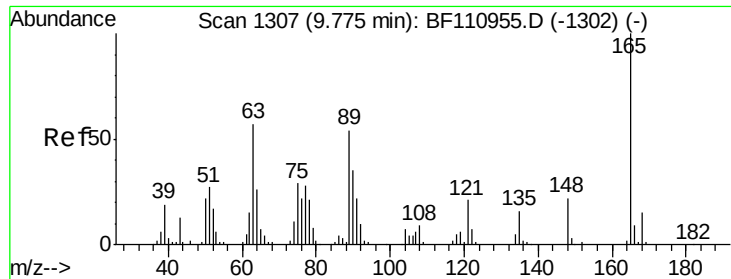


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.768 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

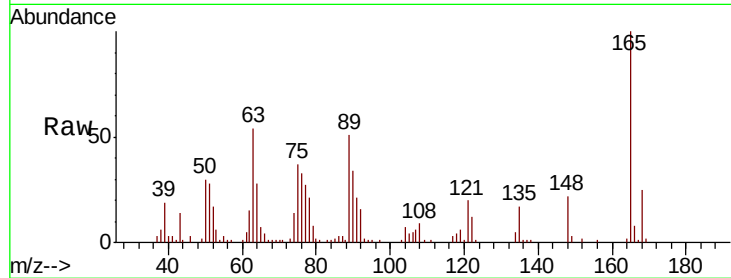
Tot Ion:165 Resp: 48472

Ion Ratio Lower Upper

165 100

63 54.4 48.9 73.3

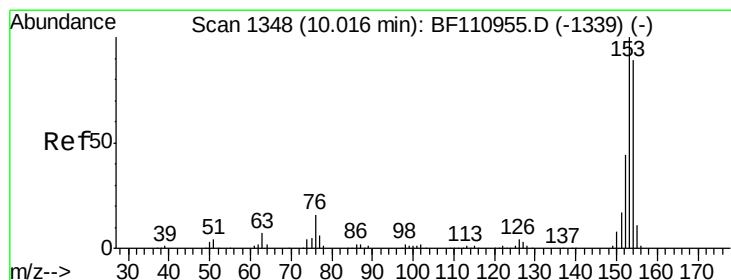
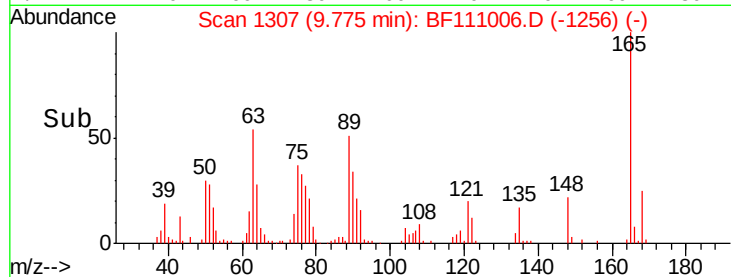
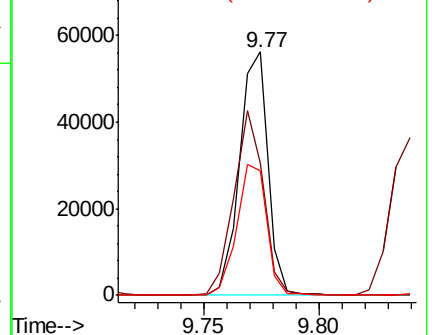
89 51.2 46.6 69.8



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: 43.444 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

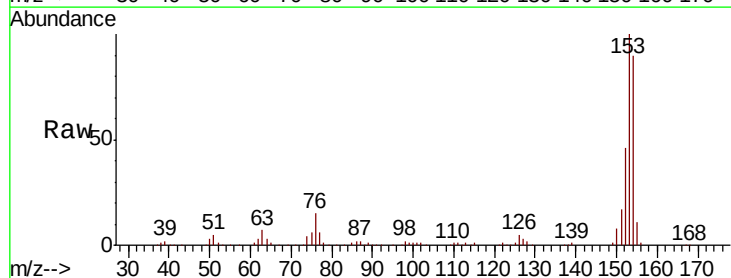
Tgt Ion:154 Resp: 192780

Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

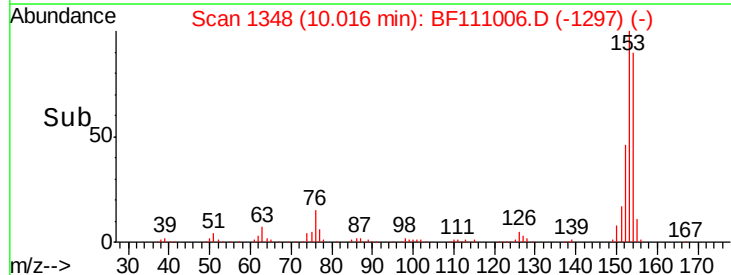
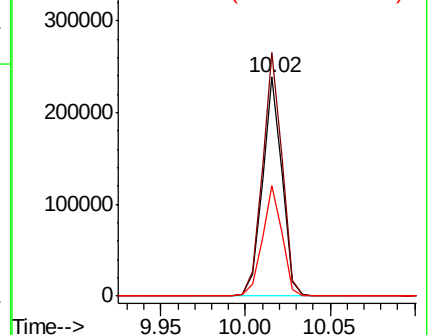
152 50.7 43.4 65.2

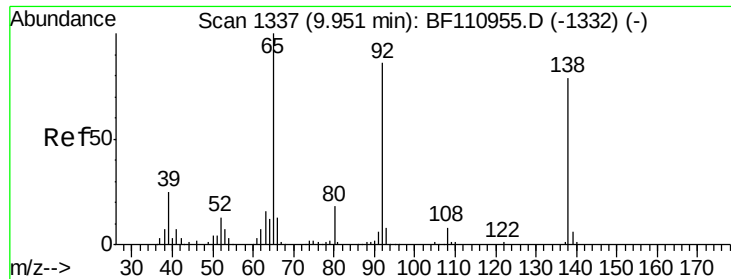


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

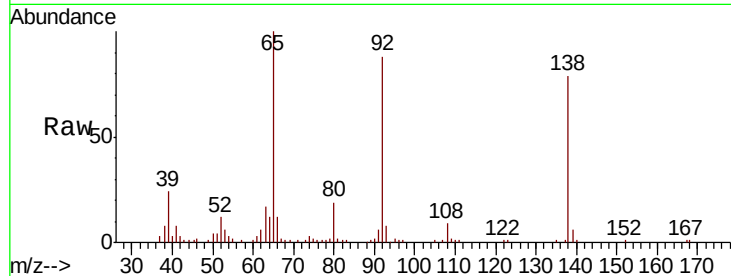




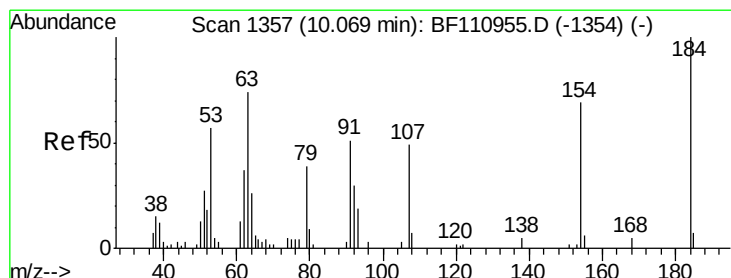
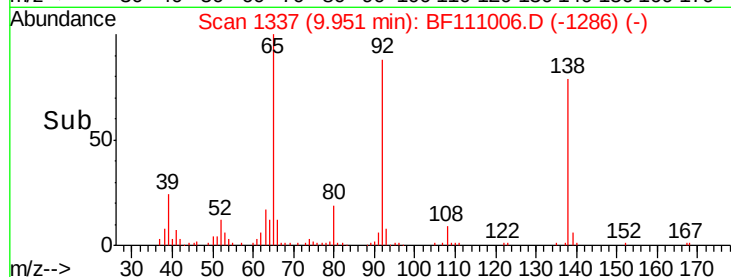
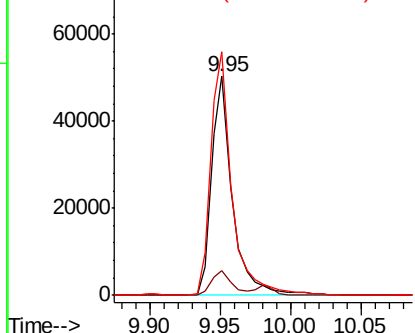
#53
3-Nitroaniline
Concen: 36.942 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 51193
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 111.3 97.0 145.4

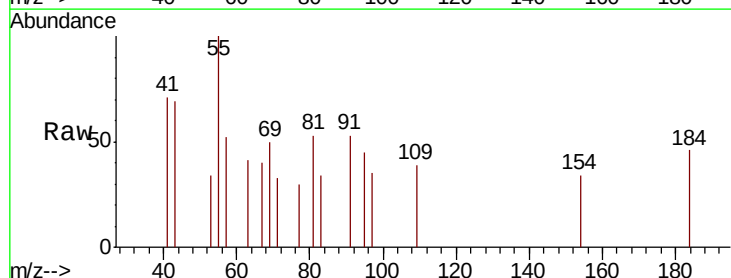


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

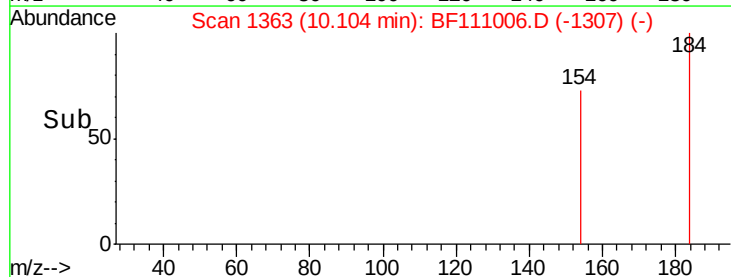
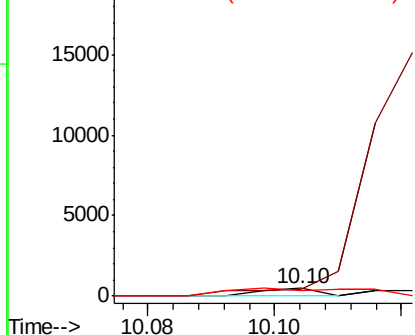


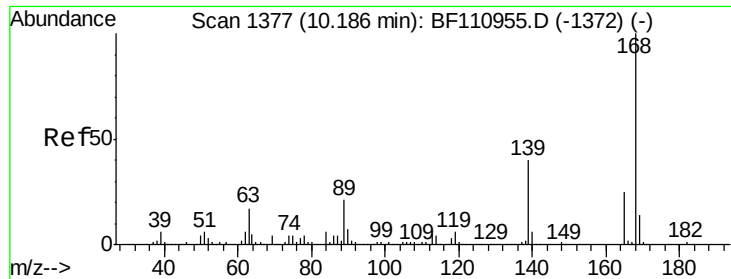
#54
2,4-Dinitrophenol
Concen: 4.407 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.03 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:184 Resp: 304
Ion Ratio Lower Upper
184 100
63 88.8 55.8 83.6#
154 72.9 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

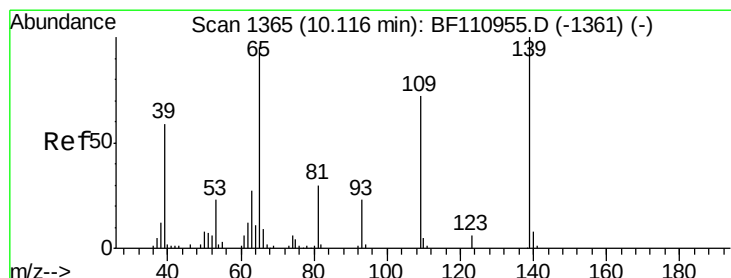
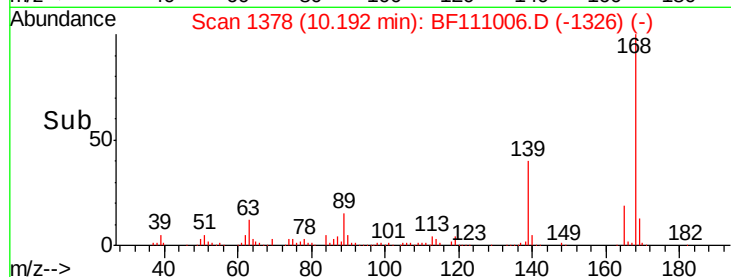
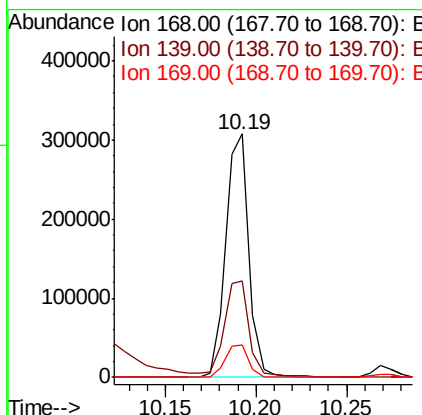
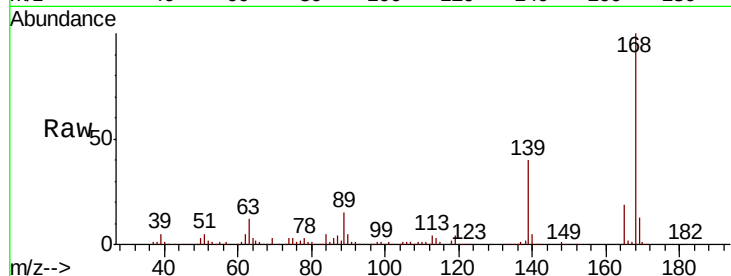




#55
Dibenzenofuran
Concen: 42.130 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

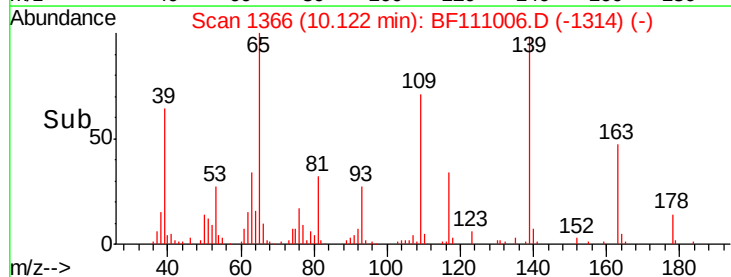
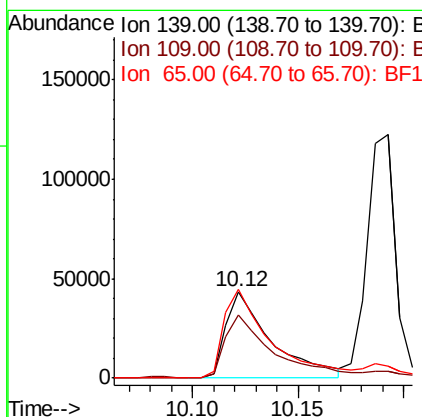
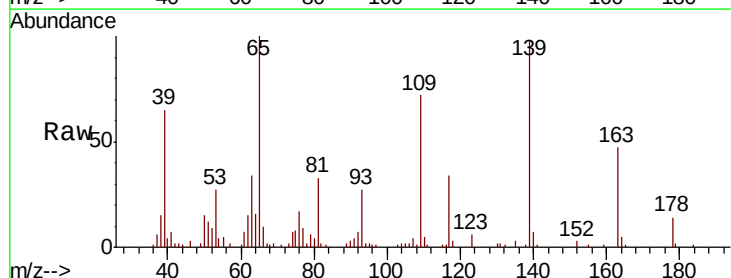
Instrument :
BNA_F
ClientSampleId :

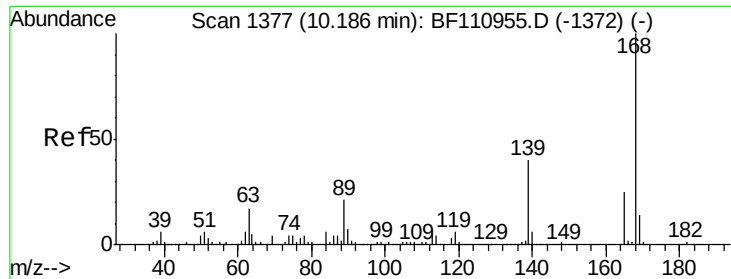
Tot Ion:168 Resp: 272738
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 83.592 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:139 Resp: 64550
Ion Ratio Lower Upper
139 100
109 73.8 55.8 95.8
65 102.4 77.9 117.9

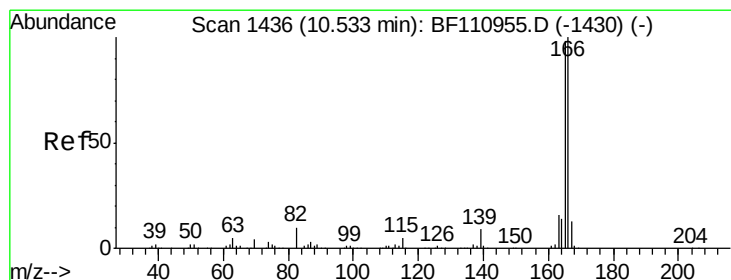
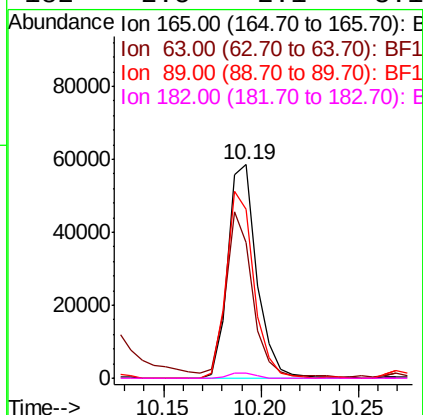
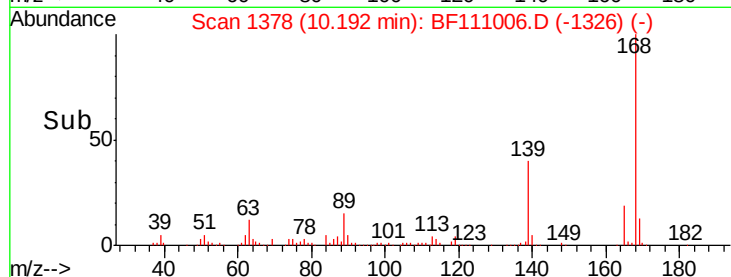
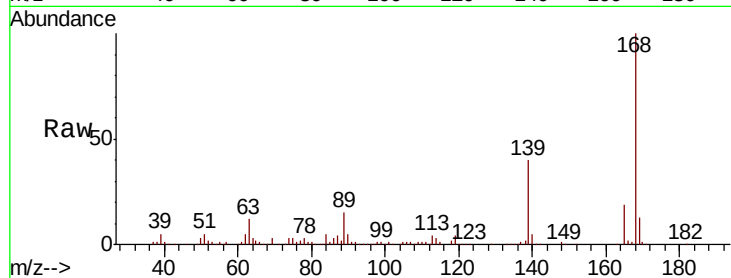




#57
2,4-Dinitrotoluene
Concen: 39.167 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

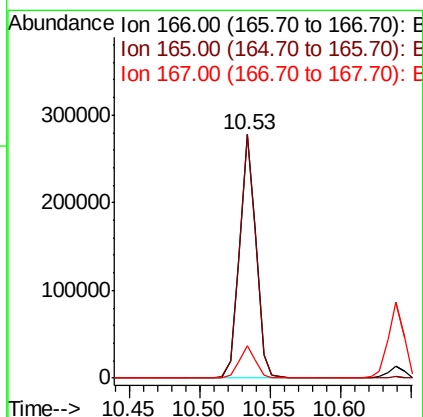
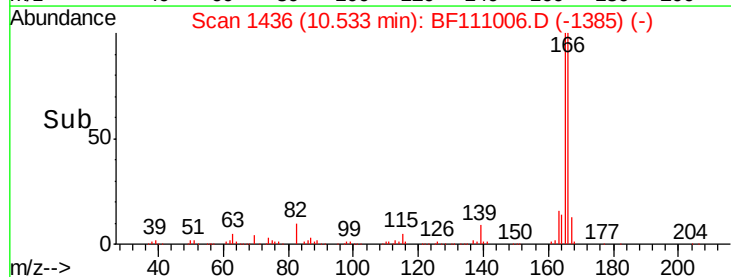
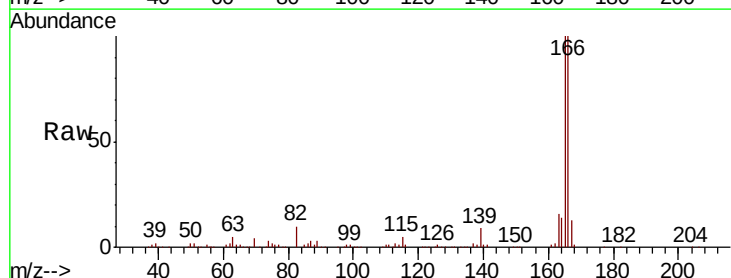
Instrument :
BNA_F
ClientSampleId :

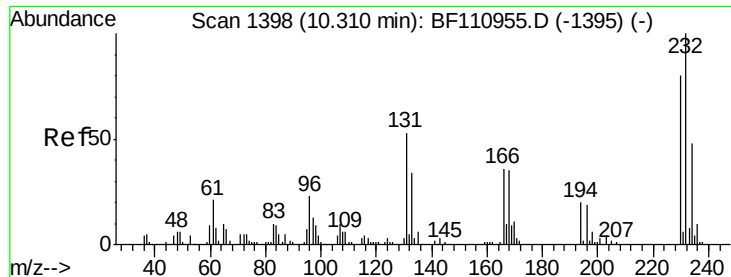
Tot Ion:165 Resp: 60418
Ion Ratio Lower Upper
165 100
63 63.7 44.8 67.2
89 79.3 62.2 93.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.636 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:166 Resp: 224822
Ion Ratio Lower Upper
166 100
165 99.9 78.6 117.8
167 13.3 10.8 16.2

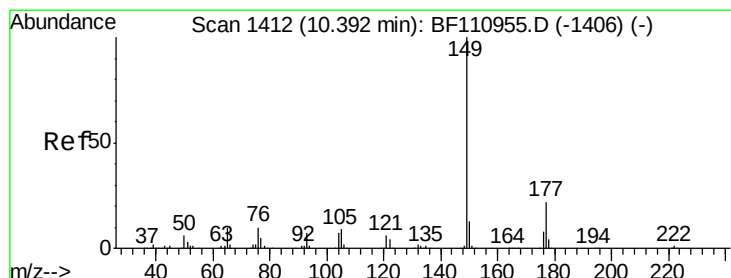
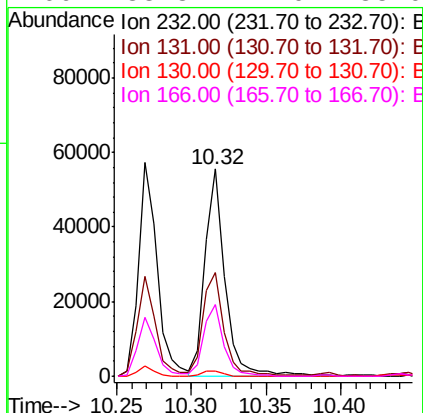
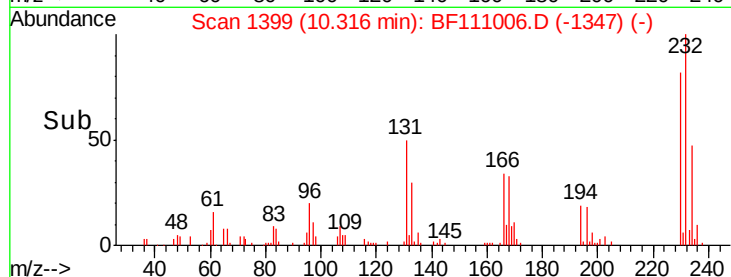
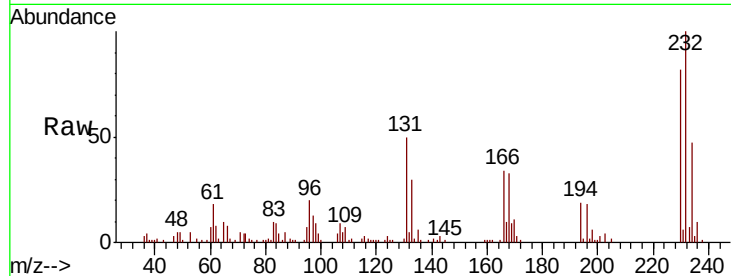




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.954 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

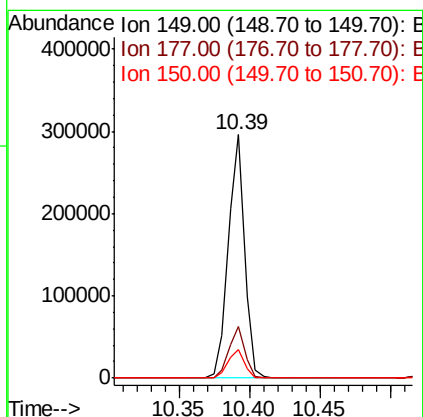
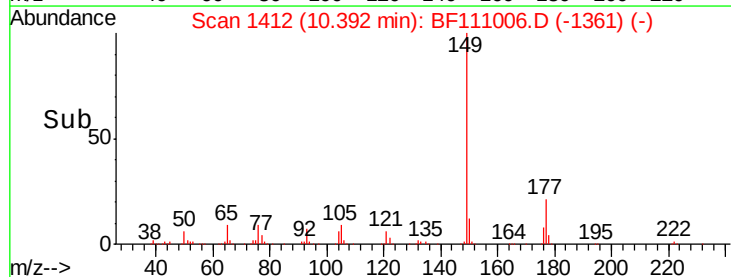
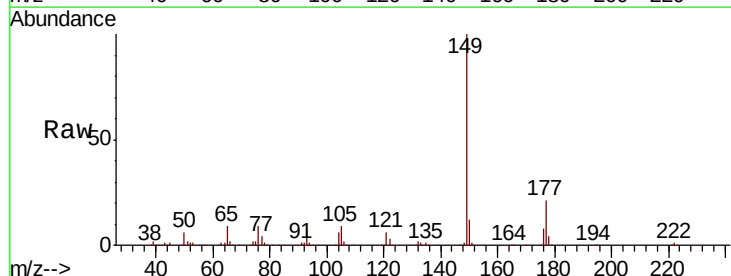
Instrument :
BNA_F
ClientSampled :

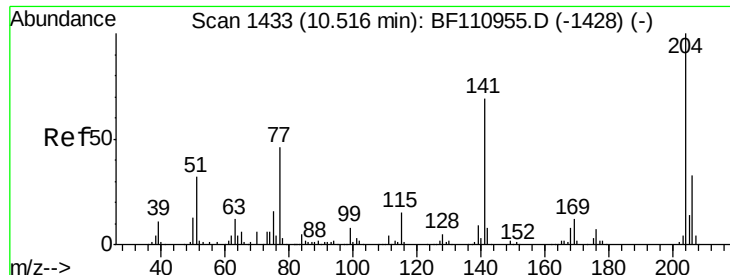
Tot Ion:232 Resp: 51966
Ion Ratio Lower Upper
232 100
131 52.2 37.0 55.4
130 2.4 1.8 2.6
166 33.8 22.0 33.0#



#60
Diethylphthalate
Concen: 43.161 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:149 Resp: 237713
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 12.0 9.8 14.8

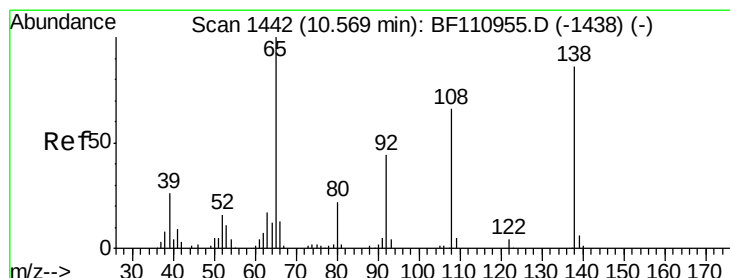
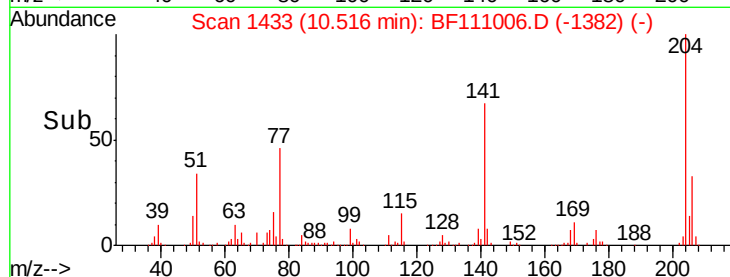
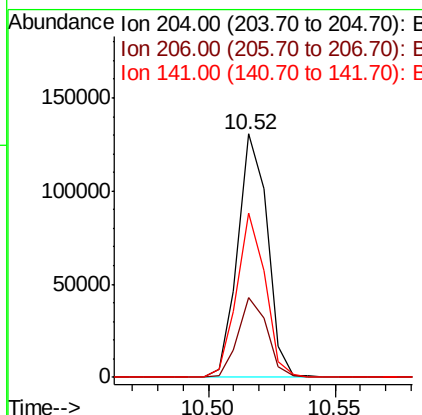
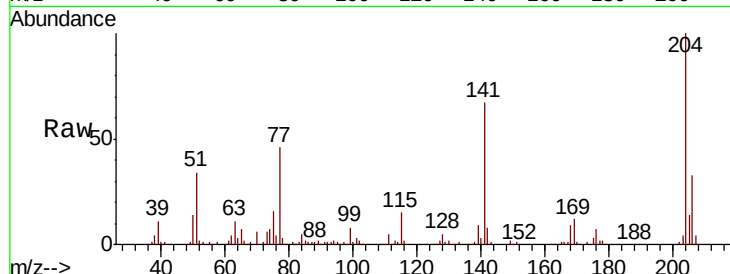




#61
4-Chlorophenyl-phenylether
Concen: 40.363 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

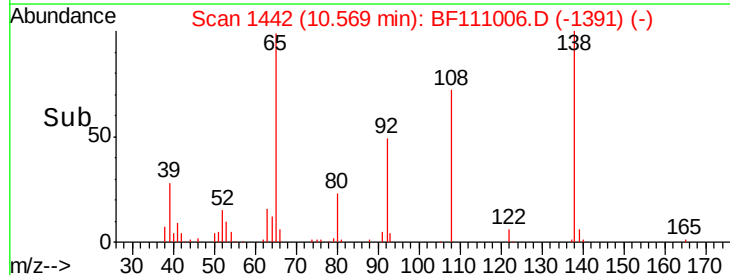
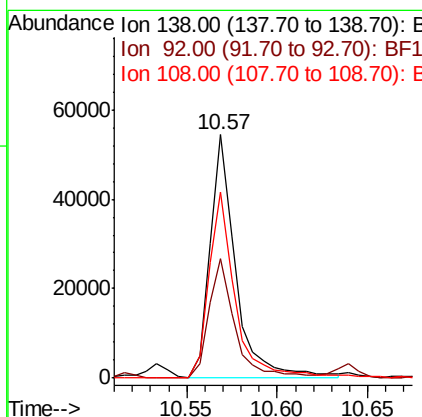
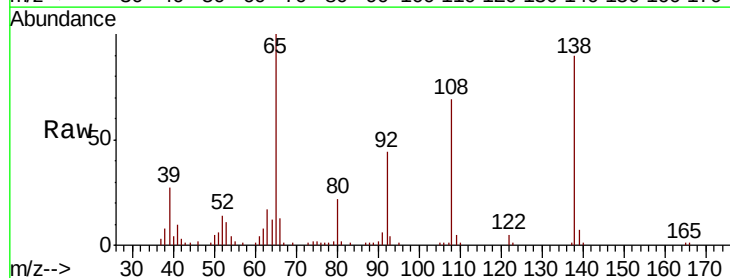
Instrument :
BNA_F
ClientSampleId :

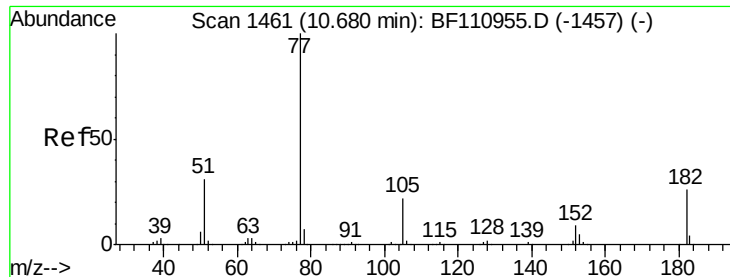
Tot Ion:204 Resp: 106335
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 67.3 51.8 77.8



#62
4-Nitroaniline
Concen: 41.623 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:138 Resp: 53705
Ion Ratio Lower Upper
138 100
92 49.1 31.7 71.7
108 76.5 59.3 99.3

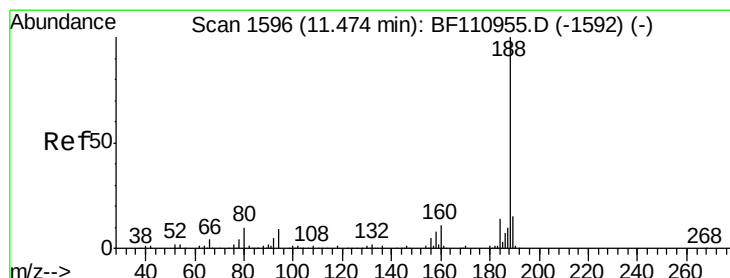
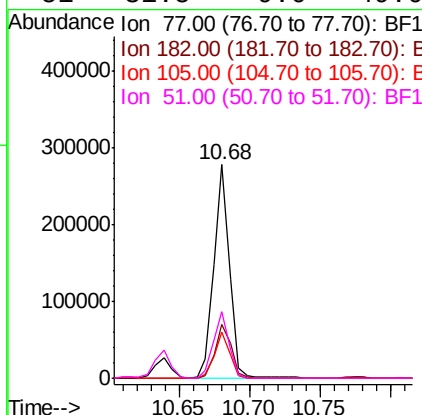
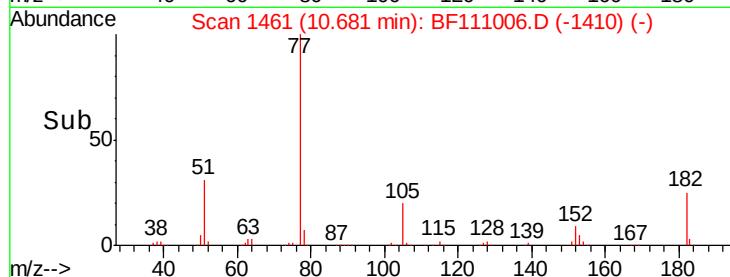
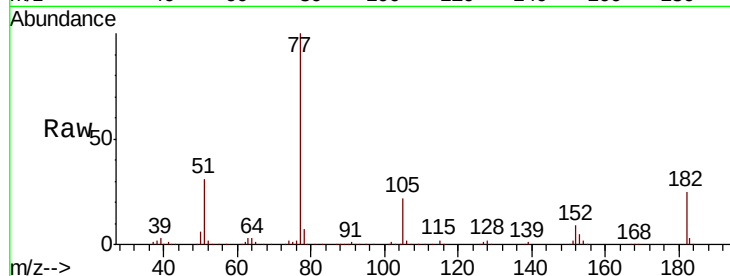




#63
Azobenzene
Concen: 39.678 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

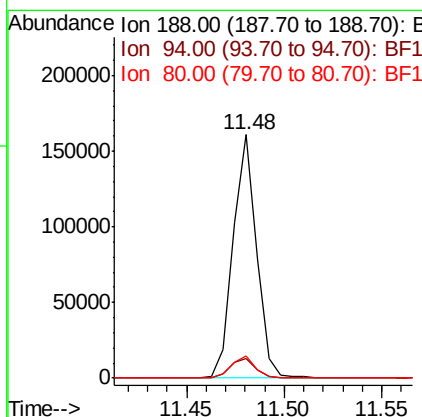
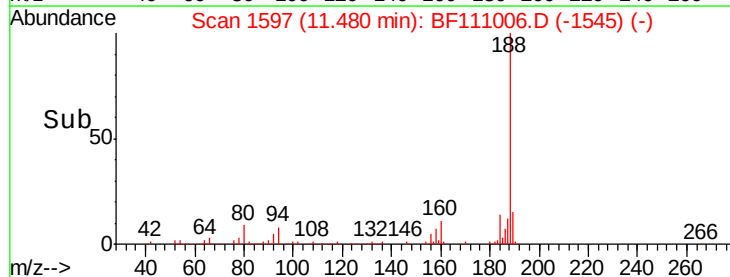
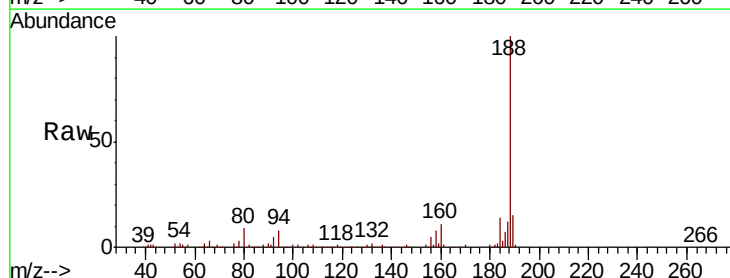
Instrument :
BNA_F
ClientSampleId :

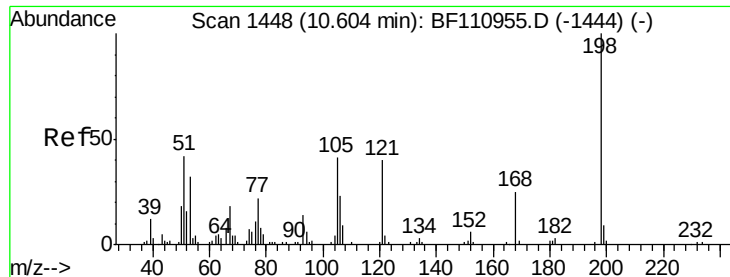
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.3	44.3
105	21.8	1.3	41.3
51	31.5	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 3.157 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

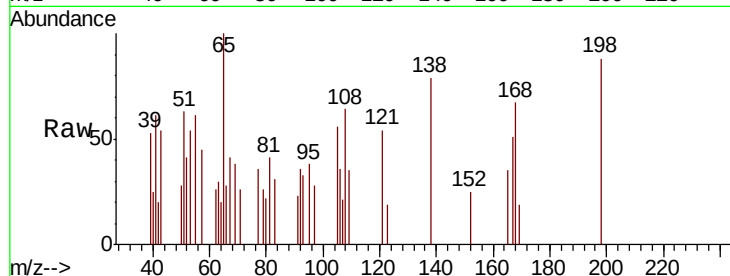
Tot Ion:198 Resp: 2003

Ion Ratio Lower Upper

198 100

51 72.1 22.8 62.8#

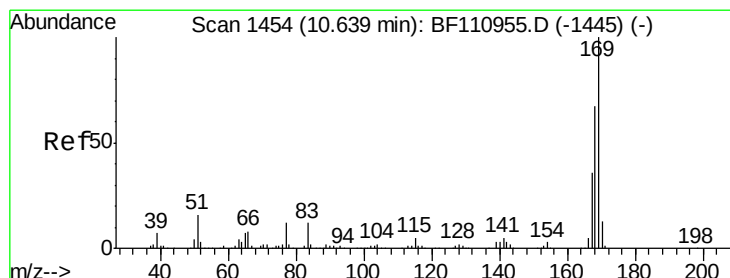
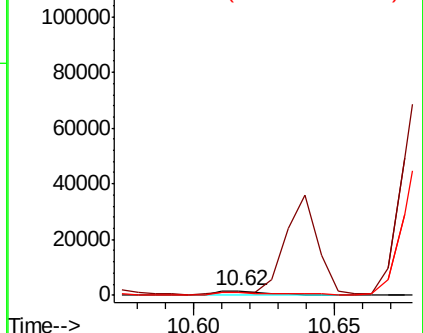
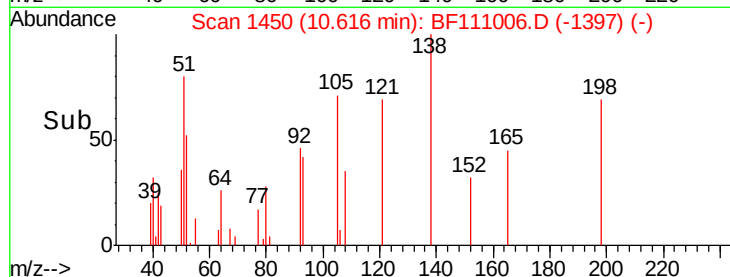
105 64.0 23.6 63.6#



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: 42.657 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

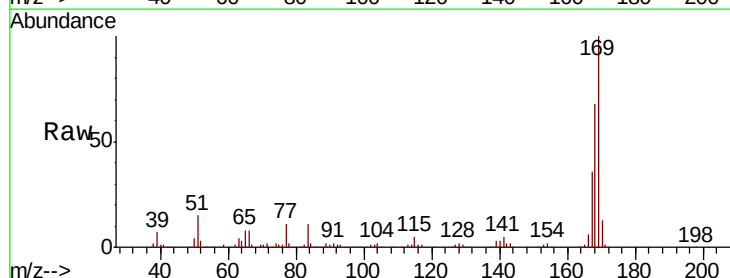
Tgt Ion:169 Resp: 190485

Ion Ratio Lower Upper

169 100

168 68.4 51.2 76.8

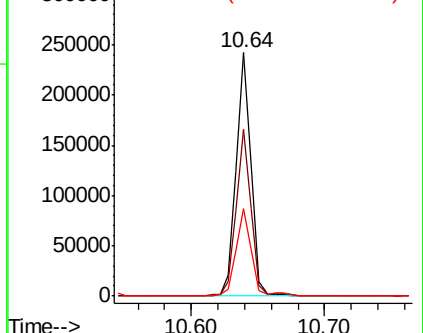
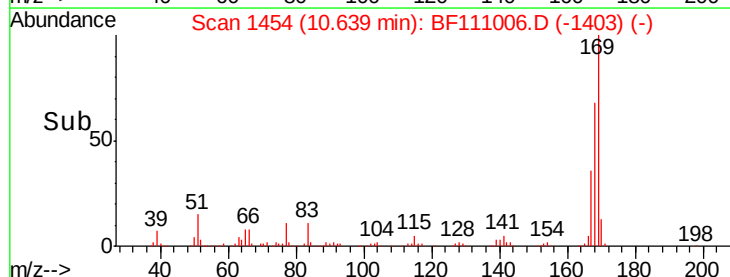
167 36.0 27.8 41.6

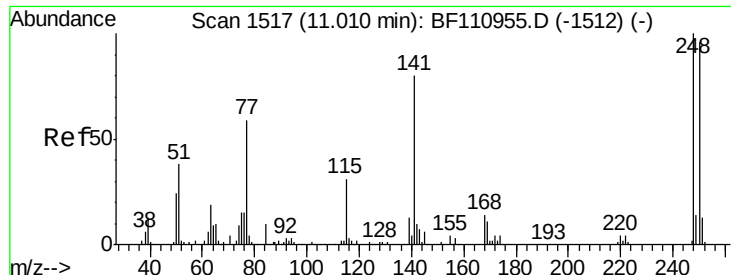


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

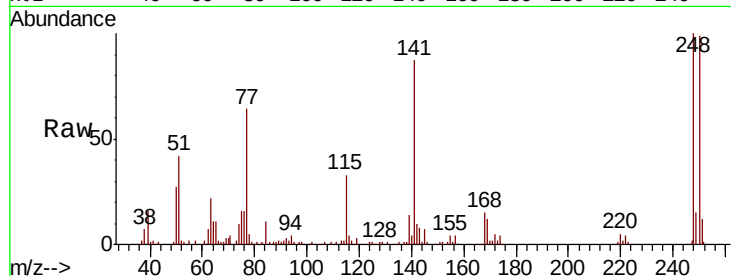




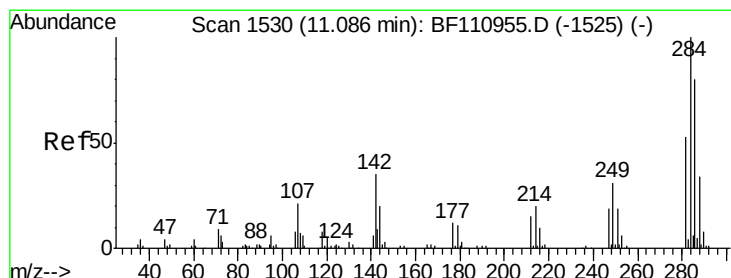
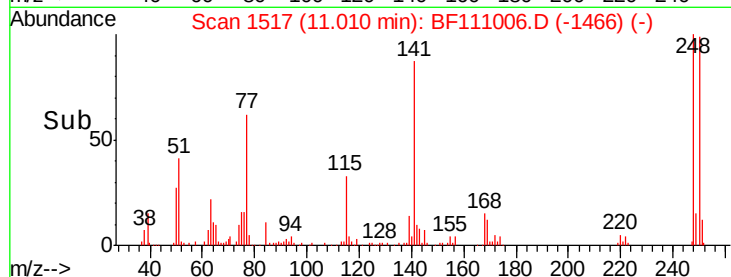
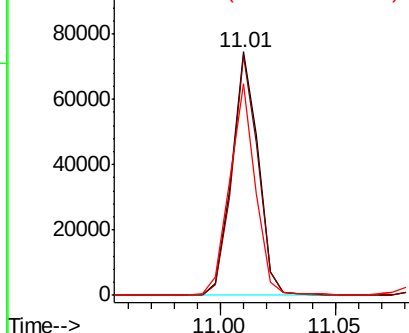
#67
4-Bromophenyl-phenylether
Concen: 40.734 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 59509
Ion Ratio Lower Upper
248 100
250 98.5 79.4 119.2
141 86.9 55.9 83.9#

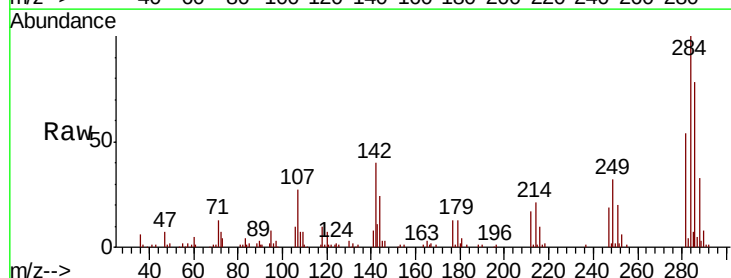


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

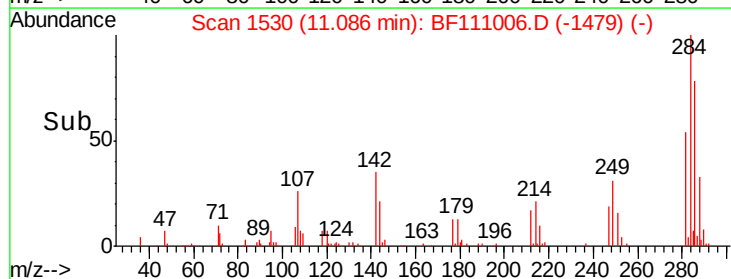
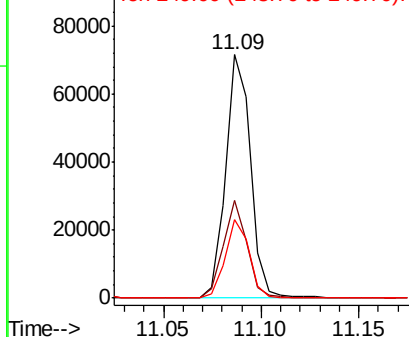


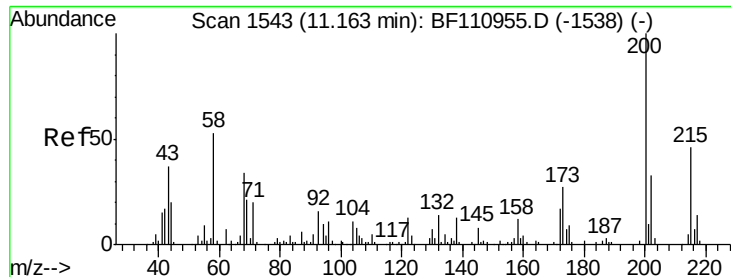
#68
Hexachlorobenzene
Concen: 40.453 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:284 Resp: 62948
Ion Ratio Lower Upper
284 100
142 40.1 23.9 35.9#
249 32.4 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

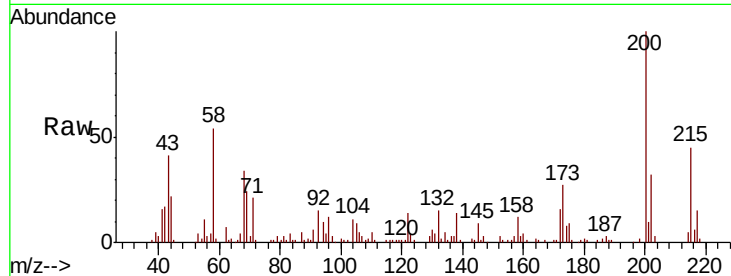




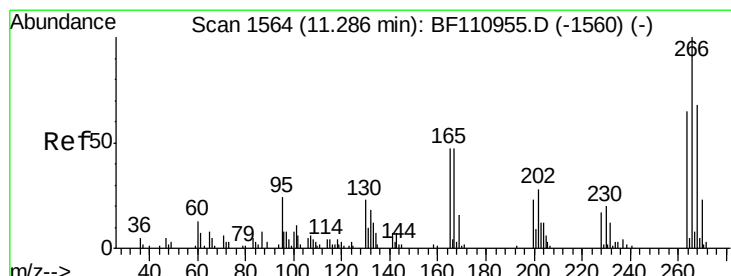
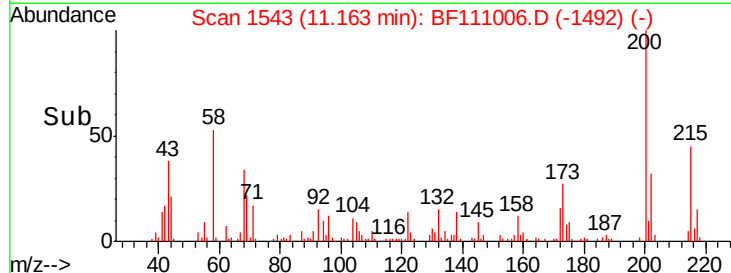
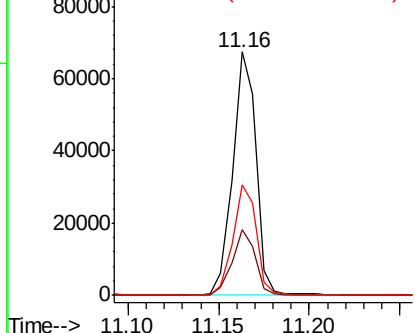
#69
 Atrazine
 Concen: 52.560 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 60401
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.6 46.6
 215 45.4 26.3 66.3

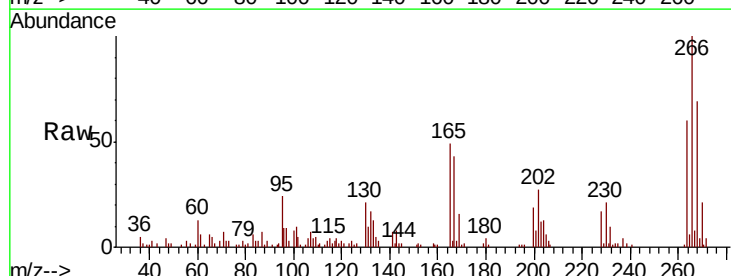


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

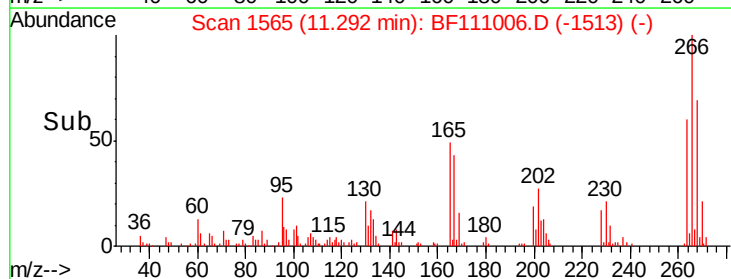
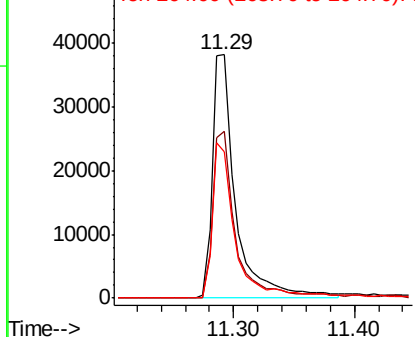


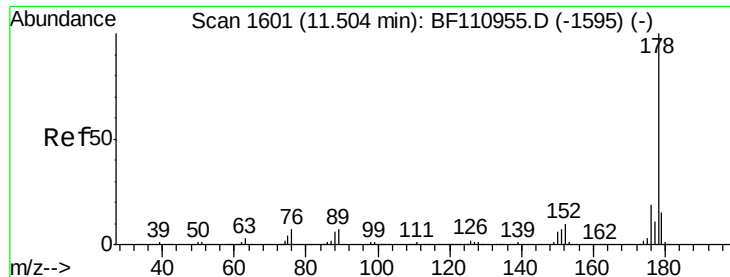
#70
 Pentachlorophenol
 Concen: 81.614 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion:266 Resp: 50526
 Ion Ratio Lower Upper
 266 100
 268 68.6 50.6 75.8
 264 60.3 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

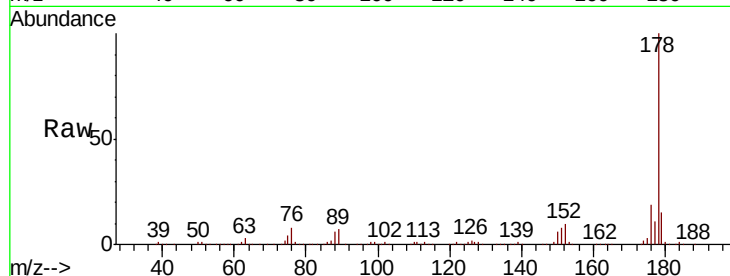




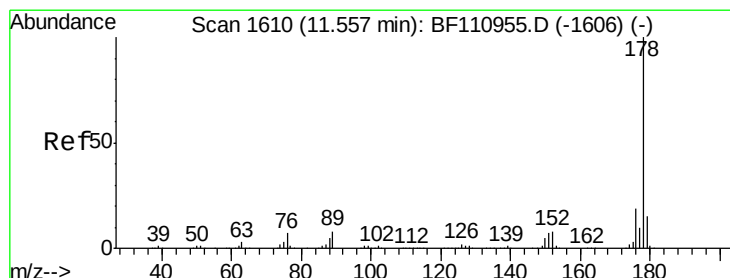
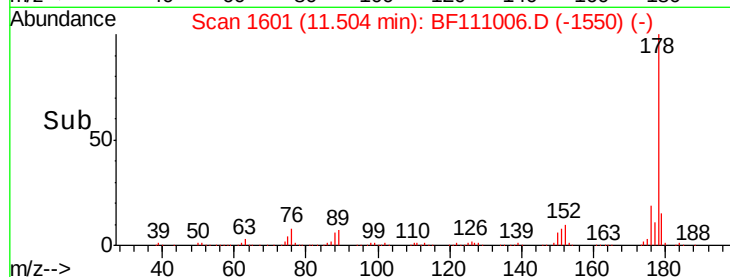
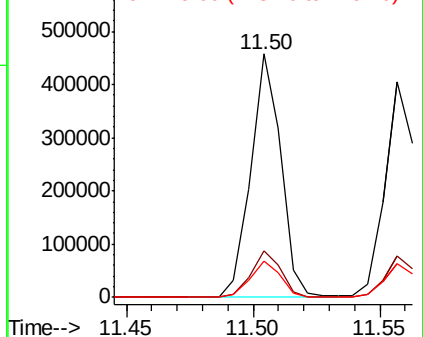
#71
Phenanthrene
Concen: 53.399 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 379372
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.1 12.5 18.7

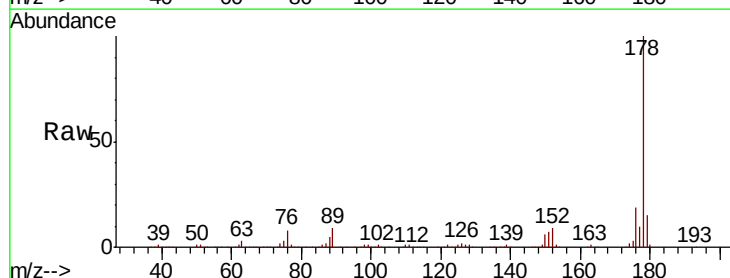


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

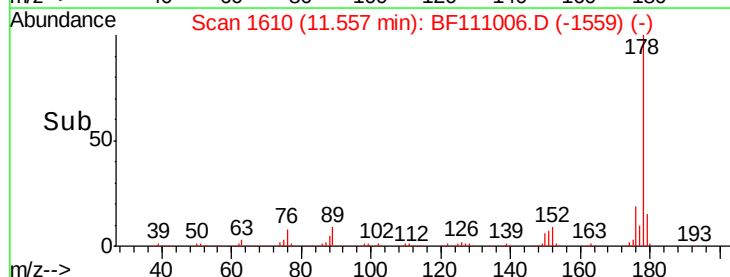
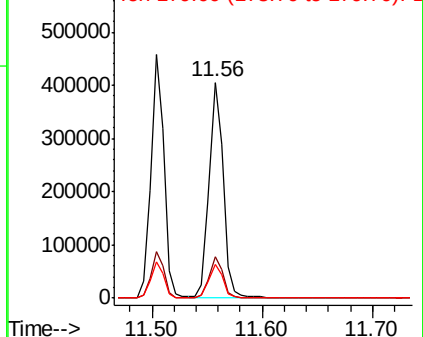


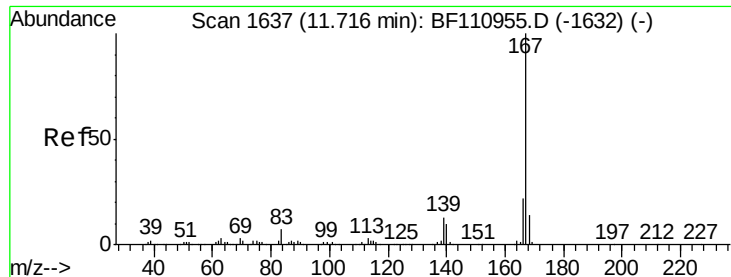
#72
Anthracene
Concen: 48.535 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion:178 Resp: 351159
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 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

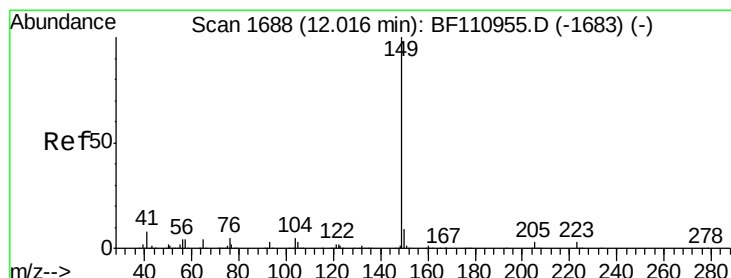
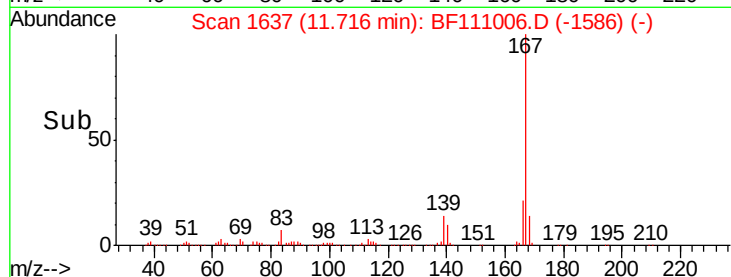
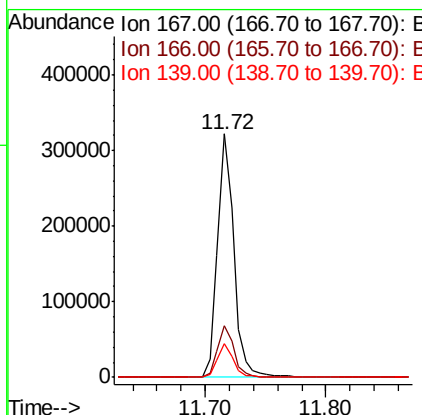
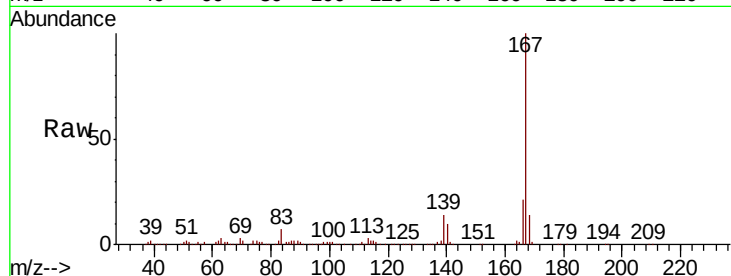




#73
 Carbazole
 Concen: 42.589 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

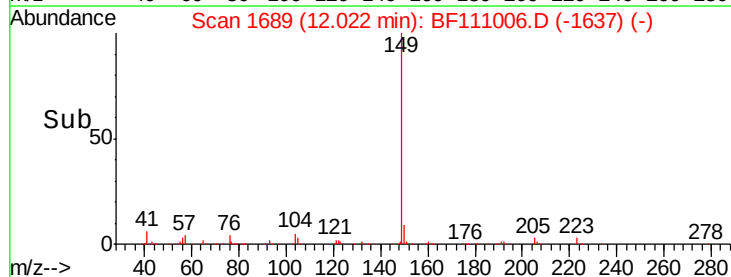
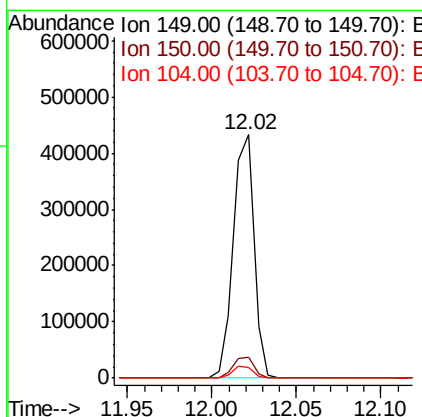
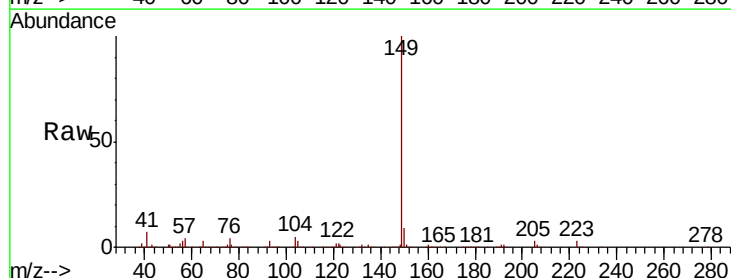
Instrument :
 BNA_F
 ClientSampleId :

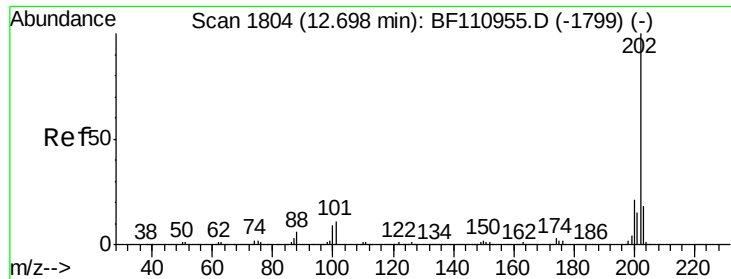
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 44.907 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF111006.D
 Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.6	4.2	6.4





#75

Fluoranthene

Concen: 63.877 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

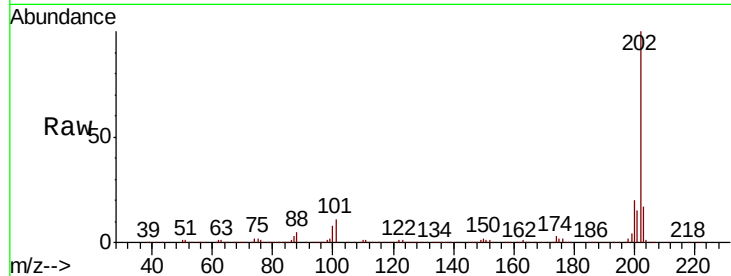
Tot Ion:202 Resp: 466424

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

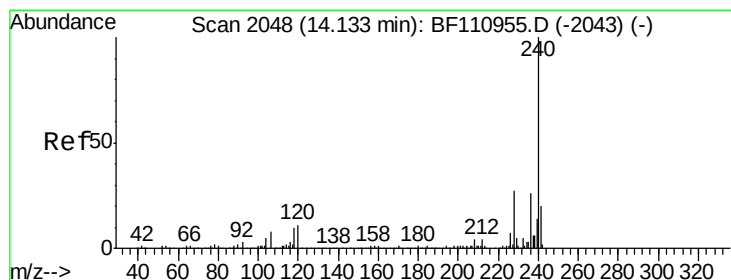
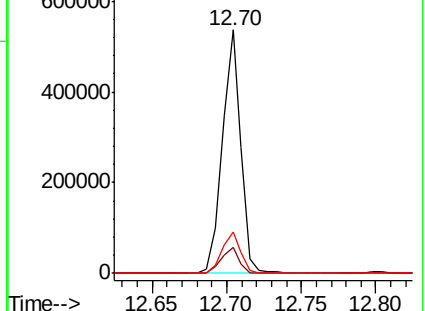
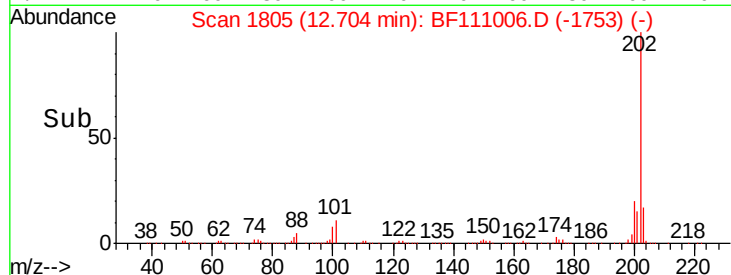
203 17.1 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

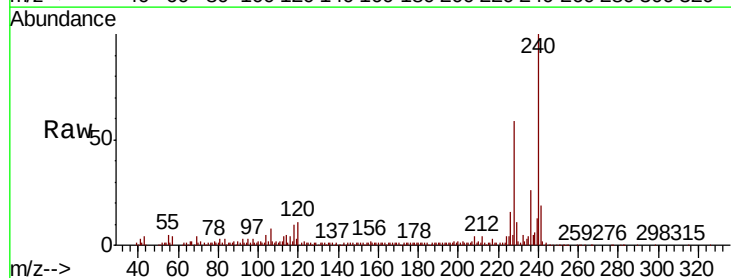
Tgt Ion:240 Resp: 97410

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

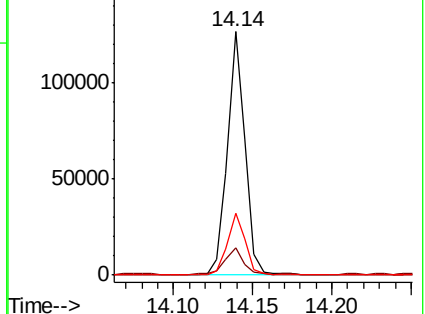
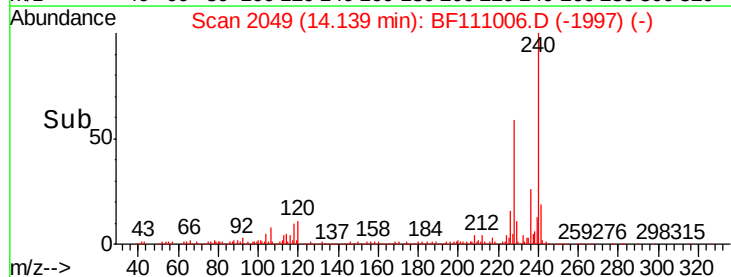
236 25.6 21.2 31.8

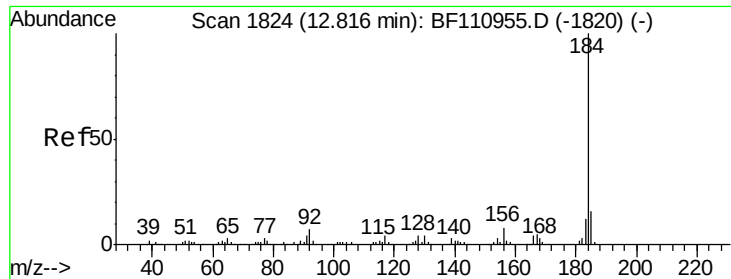


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.744 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

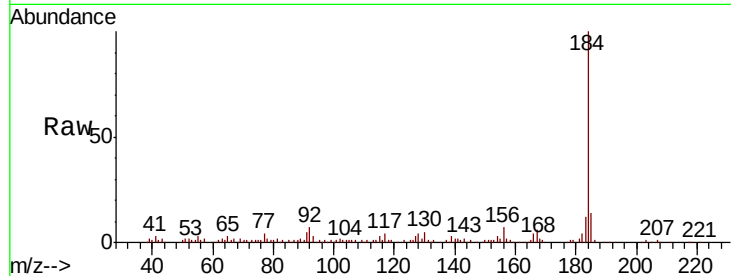
Tot Ion:184 Resp: 123940

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.2
183	11.9	9.4	14.2

184 100

185 14.1 13.4 20.2

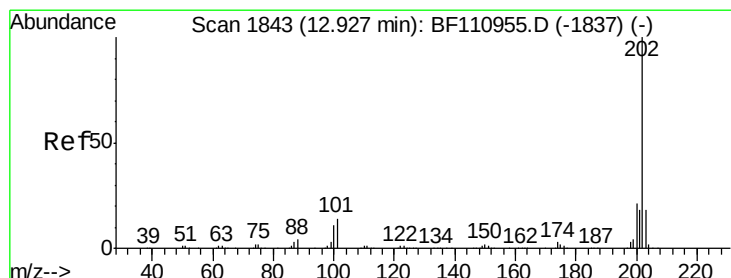
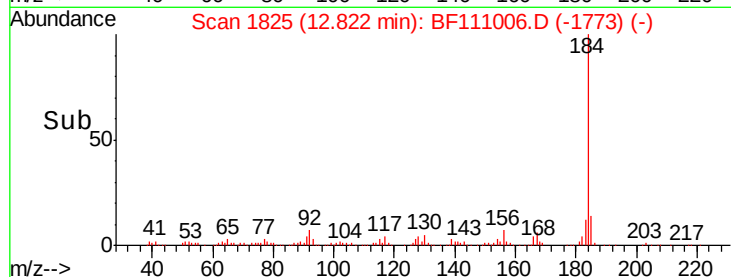
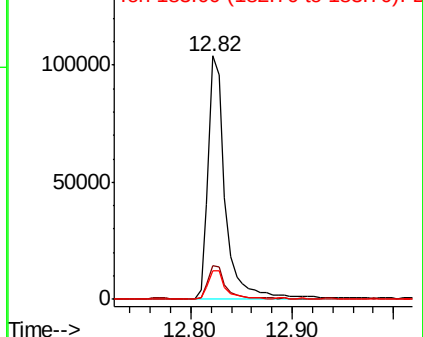
183 11.9 9.4 14.2



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: 64.851 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

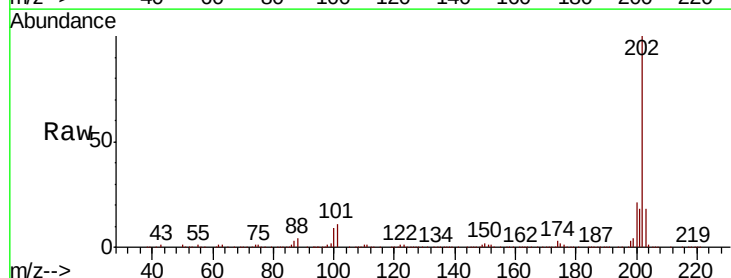
Tgt Ion:202 Resp: 461388

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.7	14.2	21.4

202 100

200 20.7 17.8 26.6

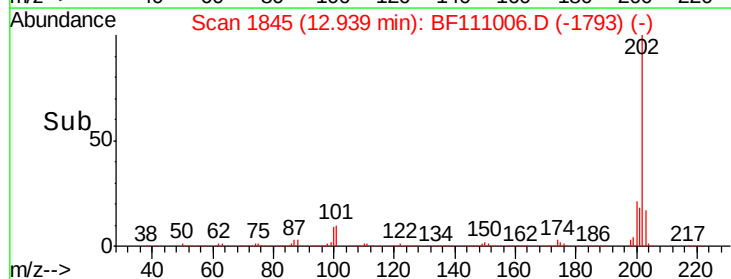
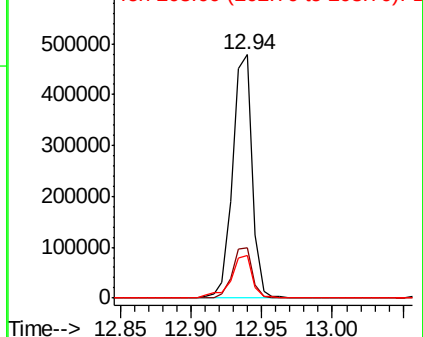
203 17.7 14.2 21.4

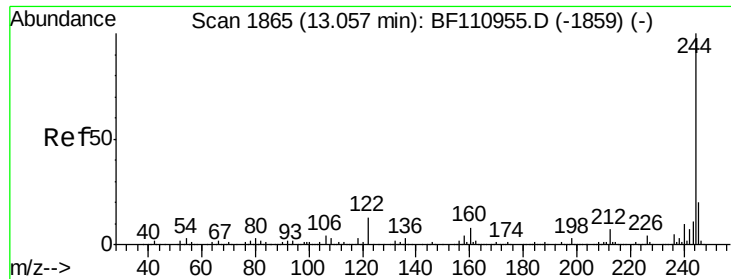


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.996 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

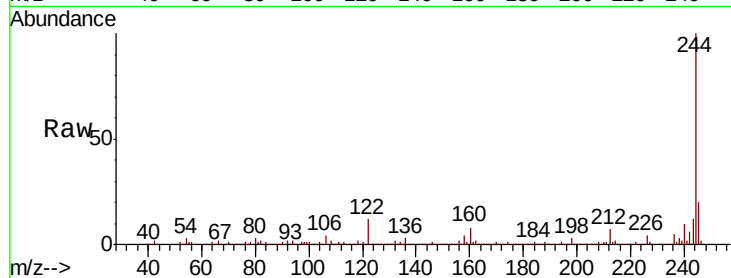
Tot Ion:244 Resp: 480364

Ion Ratio Lower Upper

244 100

212 7.0 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

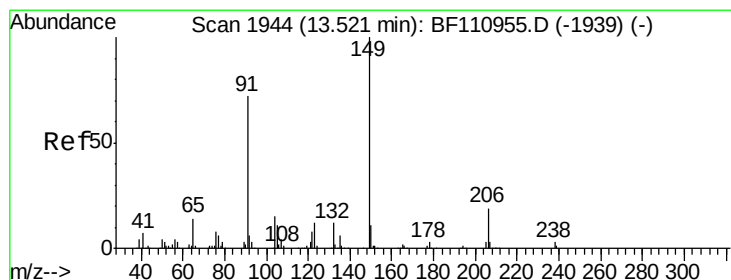
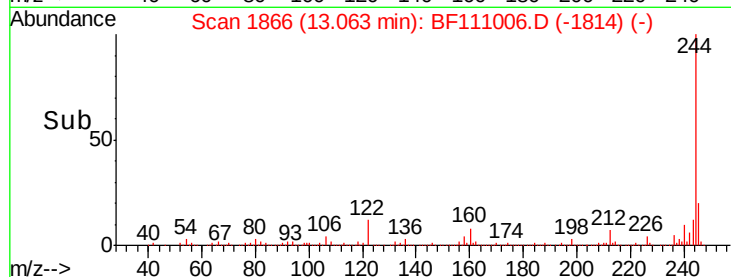
13.06

200000

400000

600000

Time-->



#80

Butylbenzylphthalate

Concen: 51.858 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

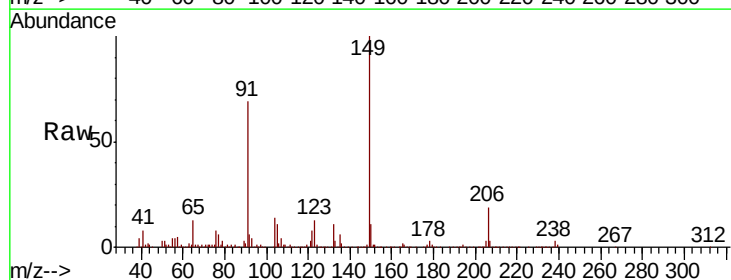
Tgt Ion:149 Resp: 166573

Ion Ratio Lower Upper

149 100

91 68.9 57.2 85.8

206 19.3 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

13.53

50000

100000

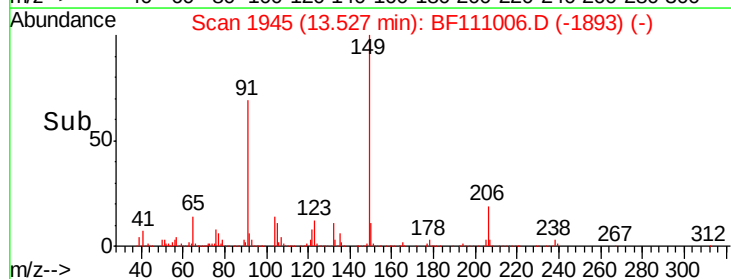
150000

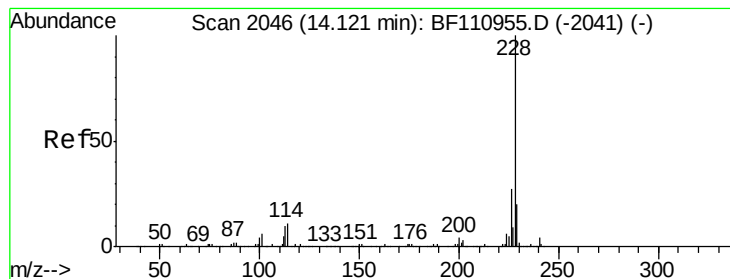
200000

250000

300000

Time-->





#81

Benzo(a)anthracene

Concen: 54.107 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

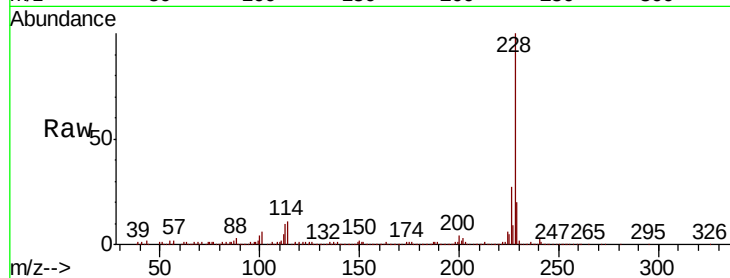
Tot Ion:228 Resp: 311165

Ion Ratio Lower Upper

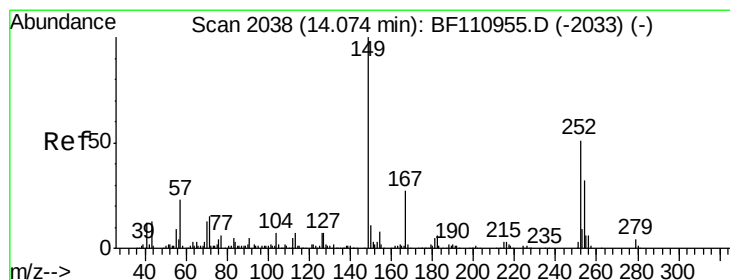
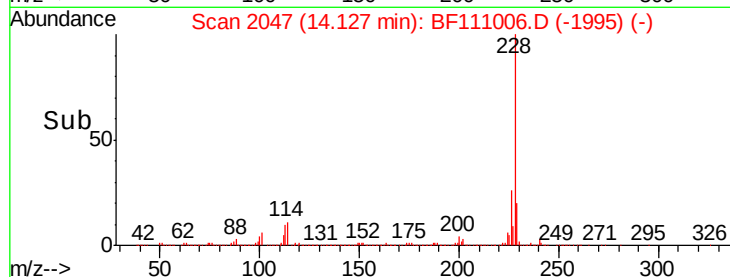
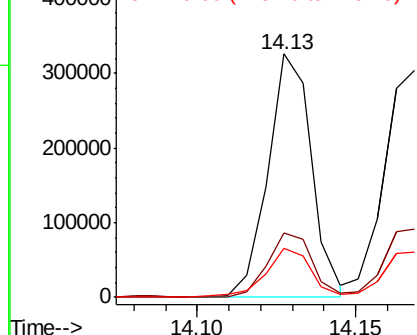
228 100

226 26.6 22.1 33.1

229 20.2 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: 38.998 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

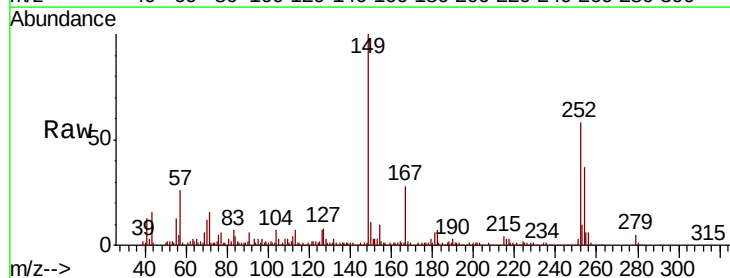
Tgt Ion:252 Resp: 76902

Ion Ratio Lower Upper

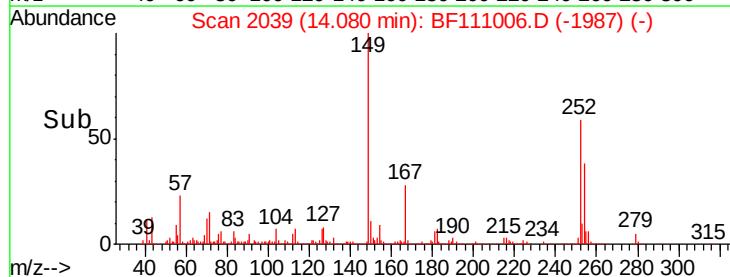
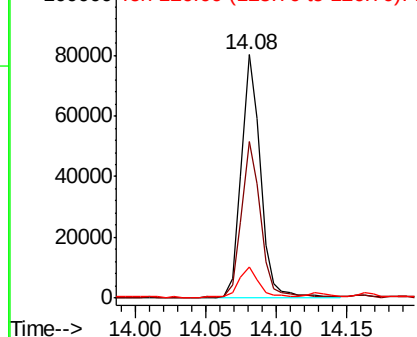
252 100

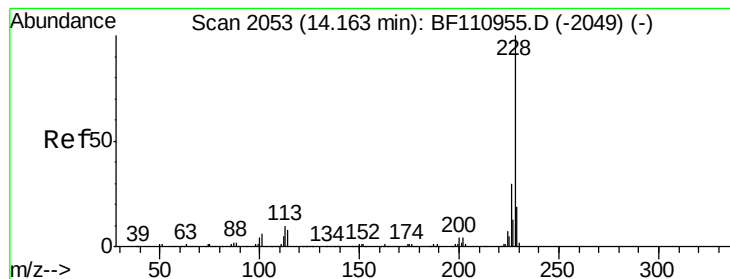
254 64.2 51.3 76.9

126 12.8 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: 50.868 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

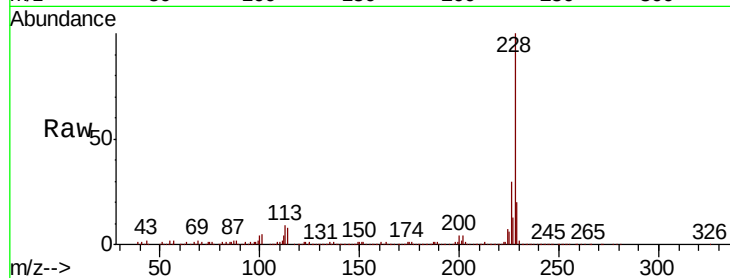
Tot Ion:228 Resp: 287980

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

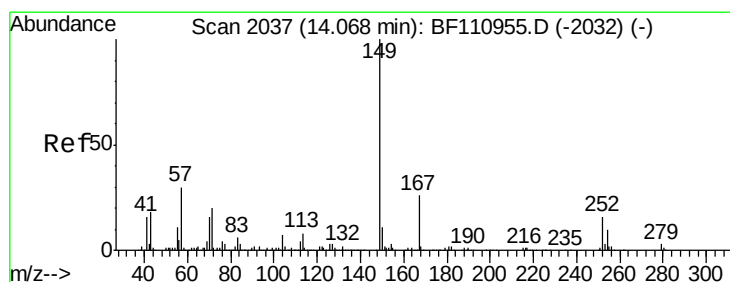
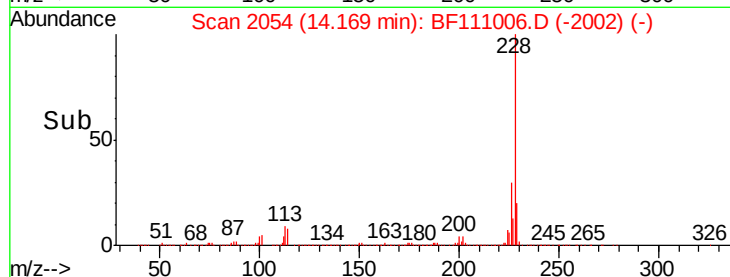
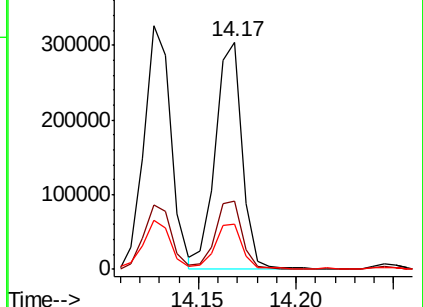
229 19.8 15.9 23.9



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: 51.118 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

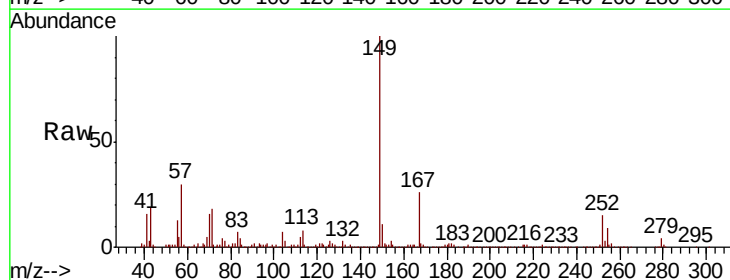
Tgt Ion:149 Resp: 218788

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

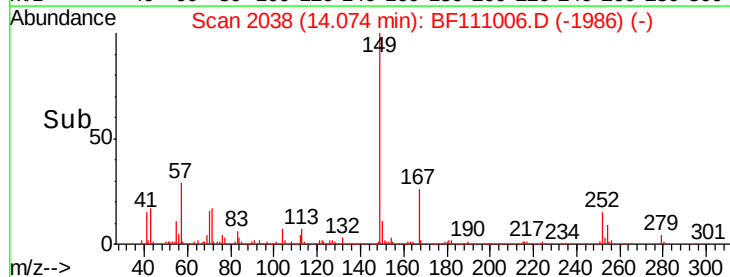
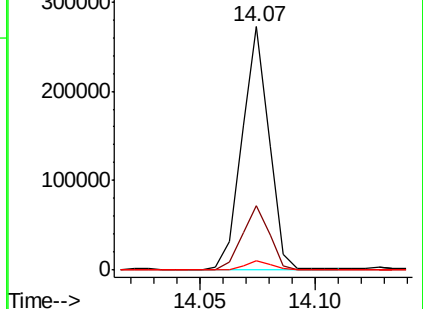
279 3.9 2.7 4.1

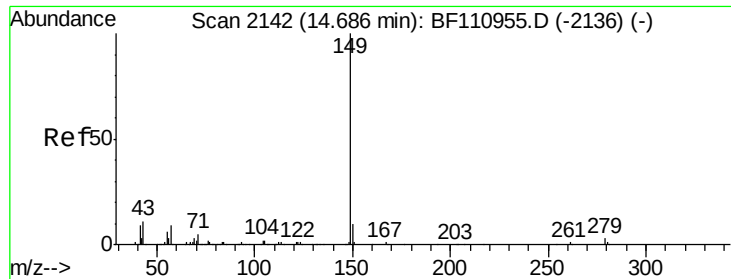


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

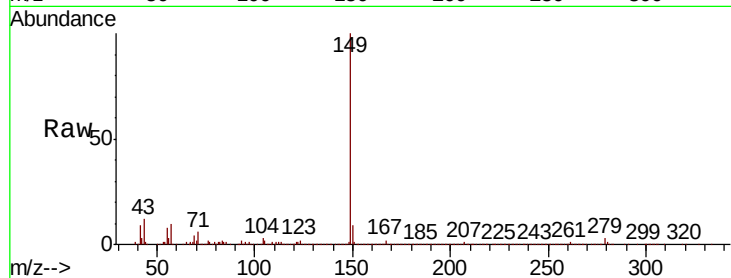




#85
Di-n-octyl phthalate
Concen: 49.288 ng
RT: 14.69 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	10.2	7.8	11.8

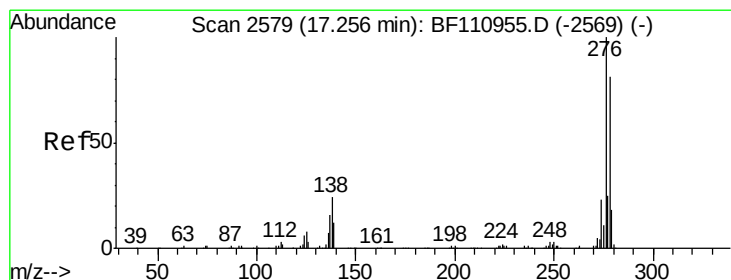
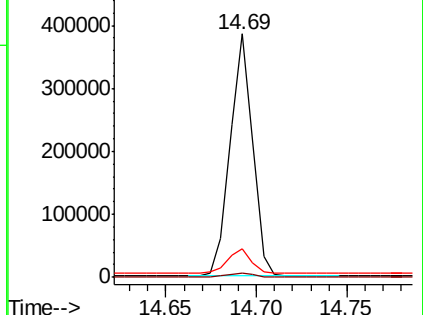
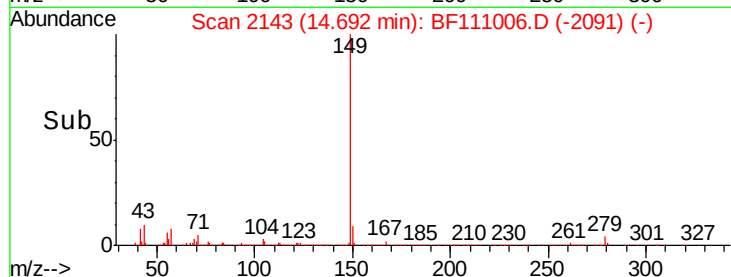


Abundance

Ion 149.00 (148.70 to 149.70): E

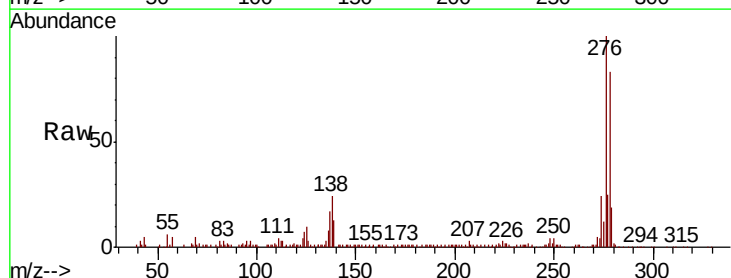
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.777 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.5	27.7
277	23.8	20.0	30.0

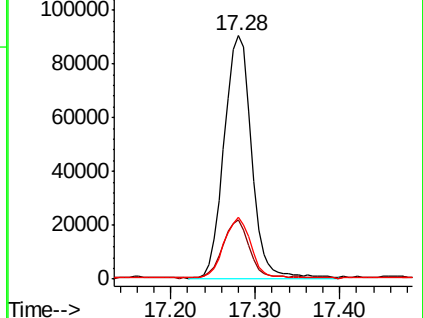
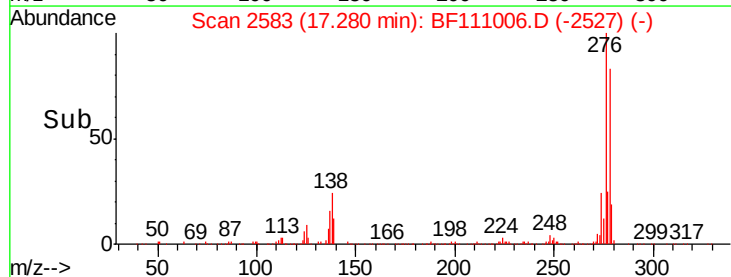


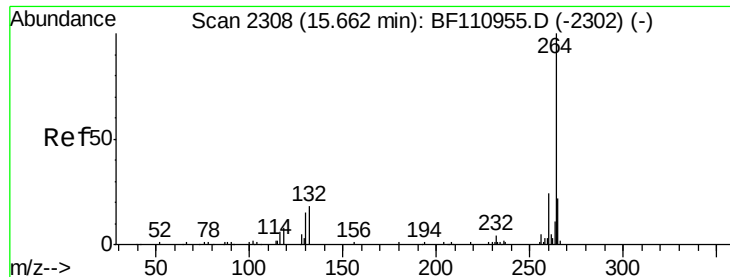
Abundance

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: 15.68 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampleId :

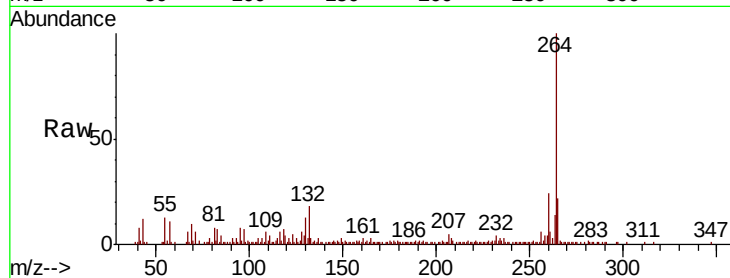
Tot Ion:264 Resp: 69729

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

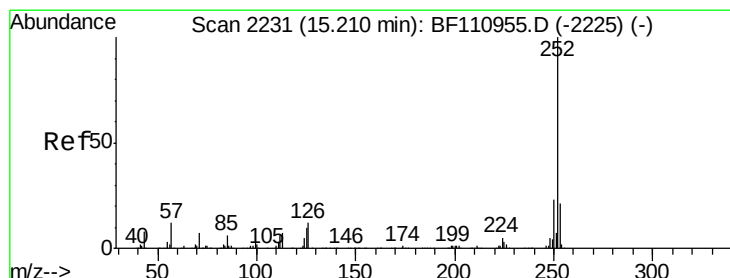
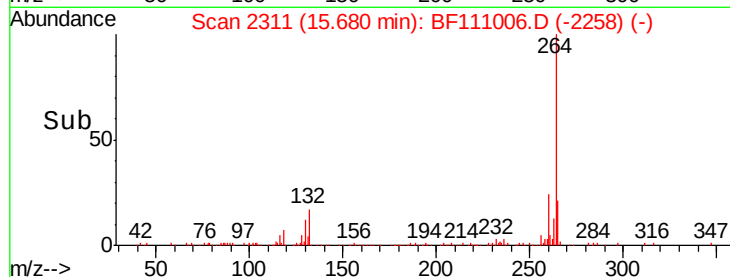
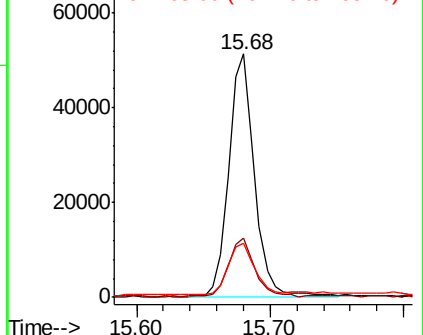
265 22.2 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.410 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

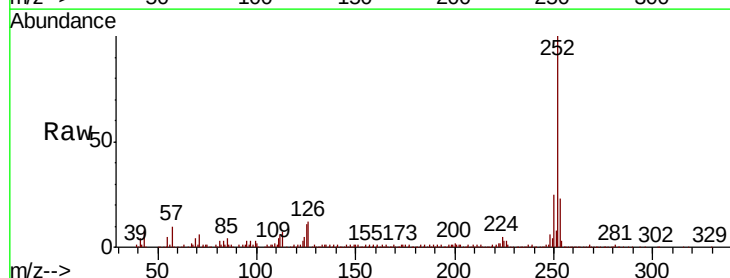
Tgt Ion:252 Resp: 226978

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

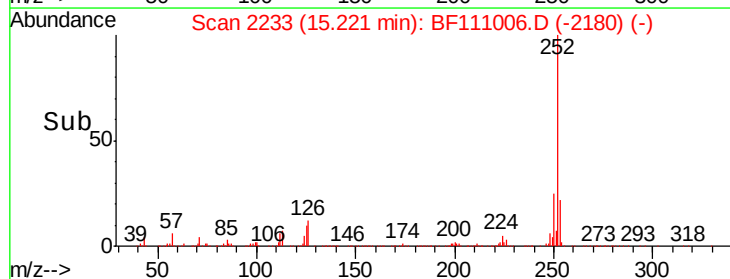
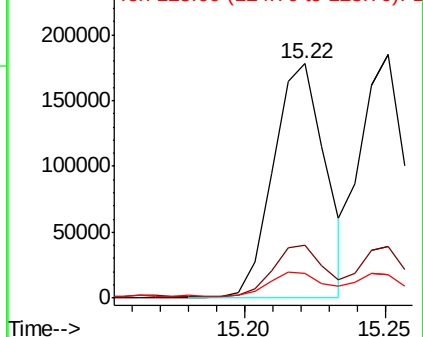
125 10.5 8.2 12.4

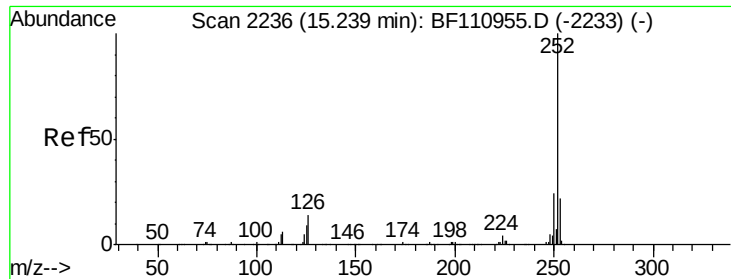


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

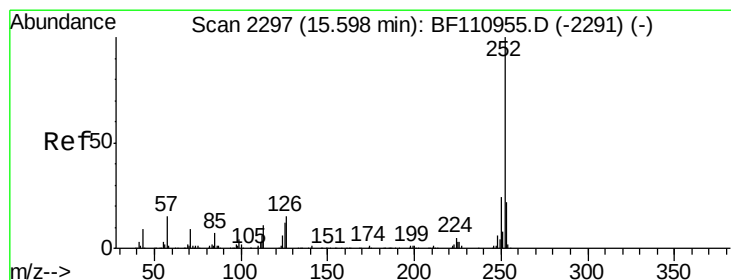
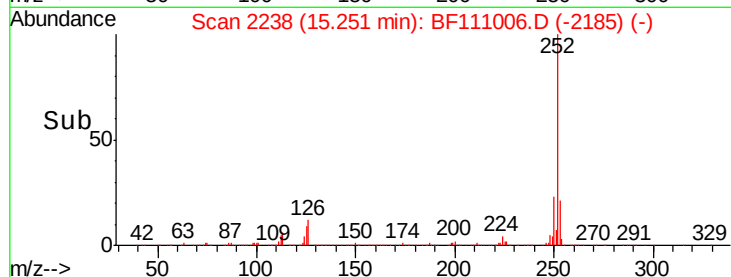
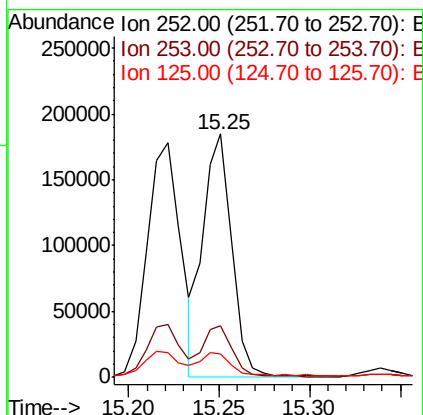
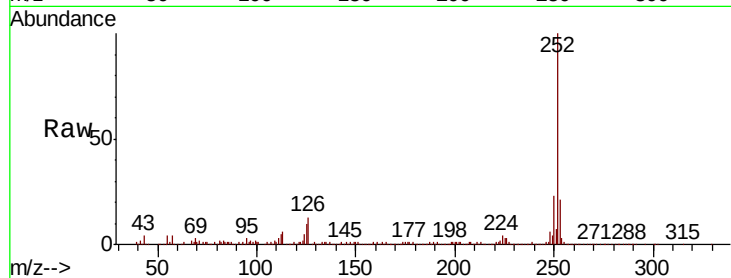




#89
Benzo(k)fluoranthene
Concen: 47.965 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

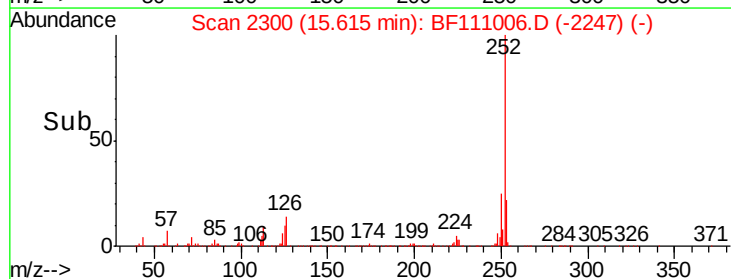
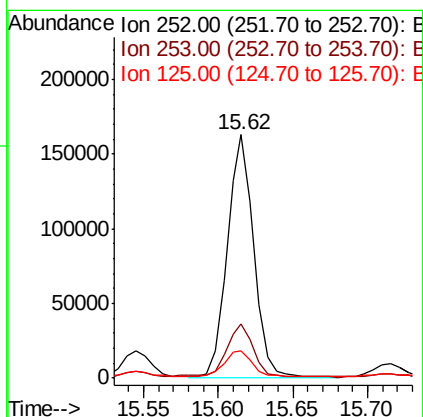
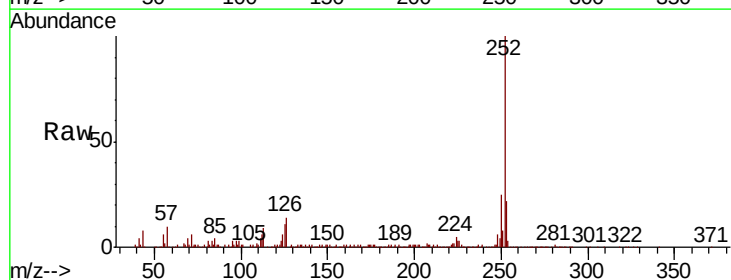
Instrument :
BNA_F
ClientSampleId :

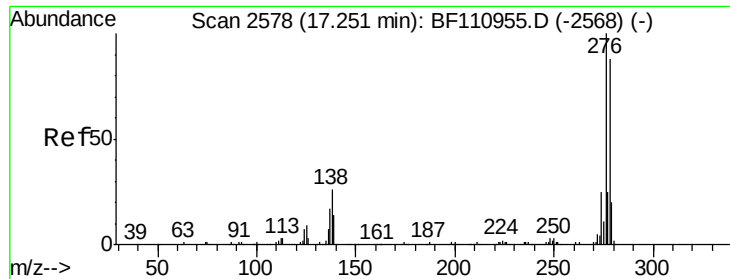
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.7	7.4	11.0



#90
Benzo(a)pyrene
Concen: 52.820 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BF111006.D
Acq: 27 Nov 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.108 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.03 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

Instrument :

BNA_F

ClientSampled :

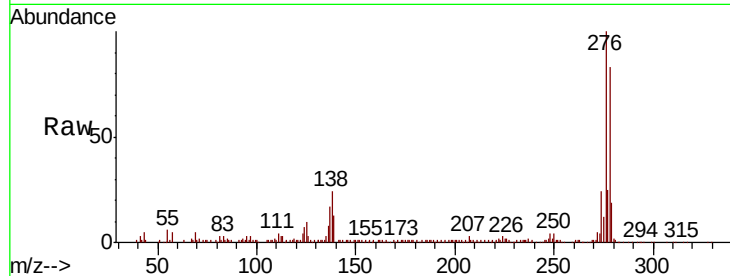
Tot Ion:278 Resp: 154494

Ion Ratio Lower Upper

278 100

139 15.5 12.7 19.1

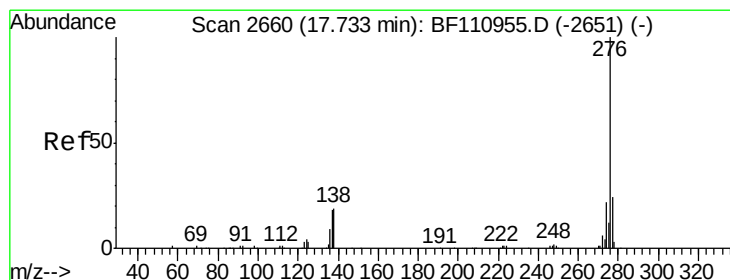
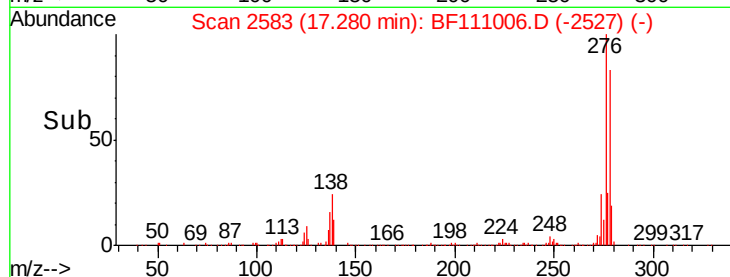
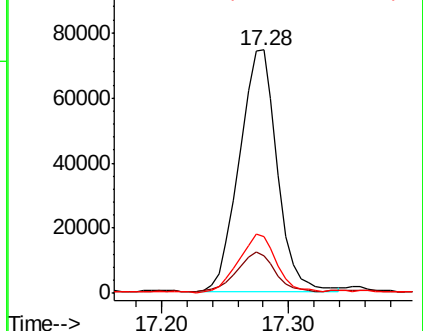
279 23.4 19.0 28.4



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: 54.787 ng

RT: 17.77 min Scan# 2666

Delta R.T. 0.03 min

Lab File: BF111006.D

Acq: 27 Nov 2018 13:38

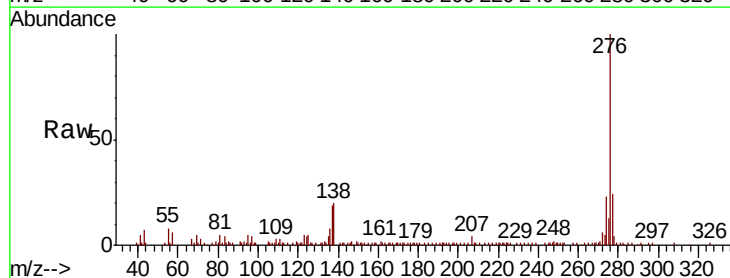
Tgt Ion:276 Resp: 166190

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 19.5 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

