

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111560.D
 Acq On : 18 Dec 2018 1:03
 Operator : JU/SJ
 Sample : J6403-41MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Quant Time: Dec 18 04:14:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132505	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	528901	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	243430	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	367125	20.00	ng	0.00
76) Chrysene-d12	13.95	240	237954	20.00	ng	0.00
87) Perylene-d12	15.39	264	209241	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1059774	133.09	ng	0.01
7) Phenol-d6	6.45	99	1370892	129.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	863264	97.19	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	267409	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1476880	93.71	ng	0.00
79) Terphenyl-d14	12.90	244	960603	94.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	121476	31.587	ng	94
3) Pyridine	3.31	79	299664	31.024	ng	87
4) n-Nitrosodimethylamine	3.22	42	187174	42.662	ng	80
6) Aniline	6.46	93	191169	14.550	ng	# 1
8) 2-Chlorophenol	6.59	128	360308	37.870	ng	94
9) Benzaldehyde	6.33	77	103064	16.042	ng	99
10) Phenol	6.46	94	478128	40.523	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	321884	34.800	ng	97
12) 1,3-Dichlorobenzene	6.73	146	366622	35.006	ng	98
13) 1,4-Dichlorobenzene	6.81	146	380413	35.785	ng	97
14) 1,2-Dichlorobenzene	6.96	146	359323	35.929	ng	97
15) Benzyl Alcohol	6.94	79	304725	37.810	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	629950	34.882	ng	83
17) 2-Methylphenol	7.06	107	278988	36.436	ng	# 90
18) Hexachloroethane	7.30	117	132789	33.565	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	246372	35.257	ng	93
20) 3+4-Methylphenols	7.21	107	364810	37.982	ng	# 68
22) Acetophenone	7.20	105	499116	42.274	ng	# 89
24) Nitrobenzene	7.37	77	362118	39.967	ng	94
25) Isophorone	7.61	82	659488	43.883	ng	98
26) 2-Nitrophenol	7.69	139	176657	37.597	ng	97
27) 2,4-Dimethylphenol	7.73	122	325380	47.767	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	415065	40.008	ng	97
29) 2,4-Dichlorophenol	7.94	162	295271	40.605	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	290768	38.197	ng	99
31) Naphthalene	8.09	128	1103060	44.590	ng	97
33) 4-Chloroaniline	8.14	127	91194	8.290	ng	96
34) Hexachlorobutadiene	8.22	225	159568	38.048	ng	97
35) Caprolactam	8.51	113	75167	27.842	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	315179	39.377	ng	99
37) 2-Methylnaphthalene	8.79	142	708731	42.339	ng	99
38) 1-Methylnaphthalene	8.89	142	665207	41.134	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	265165	39.720	ng	98
41) Hexachlorocyclopentadiene	8.94	237	85462	24.934	ng	98

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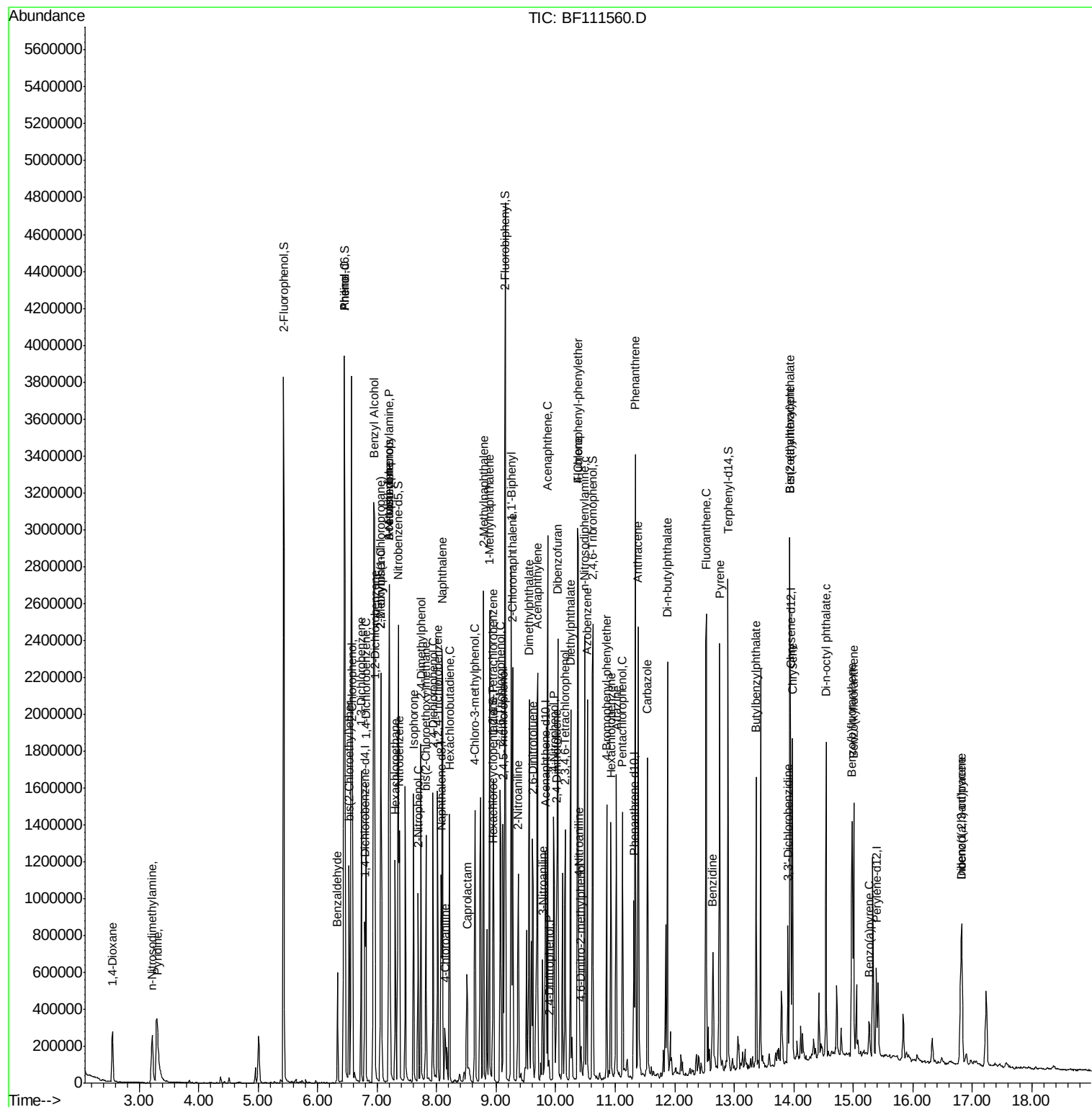
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	188467	39.888	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	195765	38.936	ng	95
46) 1,1'-Biphenyl	9.25	154	791276	38.363	ng	92
47) 2-Chloronaphthalene	9.27	162	613431	39.126	ng	96
48) 2-Nitroaniline	9.37	65	199568	39.203	ng	99
49) Acenaphthylene	9.69	152	992913	42.665	ng	95
50) Dimethylphthalate	9.55	163	956912	54.583	ng	98
51) 2,6-Dinitrotoluene	9.61	165	154604	39.179	ng	# 82
52) Acenaphthene	9.86	154	597566	40.626	ng	98
53) 3-Nitroaniline	9.78	138	104583	21.819	ng	92
54) 2,4-Dinitrophenol	9.89	184	12673	8.441	ng	90
55) Dibenzofuran	10.03	168	879463	41.191	ng	97
56) 4-Nitrophenol	9.96	139	194618	58.672	ng	95
57) 2,4-Dinitrotoluene	10.02	165	194850	37.620	ng	98
58) Fluorene	10.37	166	693507	44.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	145387	37.010	ng	100
60) Diethylphthalate	10.25	149	703699	39.626	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	289273	38.179	ng	98
62) 4-Nitroaniline	10.39	138	142630	30.060	ng	95
63) Azobenzene	10.53	77	640088	36.562	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16836	8.123	ng	96
66) n-Nitrosodiphenylamine	10.49	169	570763	45.083	ng	96
67) 4-Bromophenyl-phenylether	10.86	248	168232	42.517	ng	99
68) Hexachlorobenzene	10.93	284	162712	39.976	ng	95
69) Atrazine	11.02	200	165942	45.355	ng	95
70) Pentachlorophenol	11.12	266	153006	61.289	ng	95
71) Phenanthrene	11.34	178	1234706	65.269	ng	95
72) Anthracene	11.39	178	942092	48.696	ng	95
73) Carbazole	11.54	167	759379	37.958	ng	95
74) Di-n-butylphthalate	11.87	149	990242	44.444	ng	95
75) Fluoranthene	12.53	202	1067190	57.665	ng	94
77) Benzidine	12.65	184	266158	30.428	ng	97
78) Pyrene	12.75	202	1012068	60.326	ng	96
80) Butylbenzylphthalate	13.37	149	326339	39.907	ng	93
81) Benzo(a)anthracene	13.94	228	708464	54.756	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	156907	29.831	ng	97
83) Chrysene	13.98	228	674442	49.482	ng	96
84) Bis(2-ethylhexyl)phthalate	13.93	149	443047	42.419	ng	99
85) Di-n-octyl phthalate	14.54	149	741962	42.115	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	421715	42.870	ng	# 91
88) Benzo(b)fluoranthene	14.97	252	686291	56.258	ng	99
89) Benzo(k)fluoranthene	15.00	252	516313	44.294	ng	97
90) Benzo(a)pyrene	15.26	252	80926	7.356	ng	100
91) Dibenzo(a,h)anthracene	16.82	278	323199	37.245	ng	95

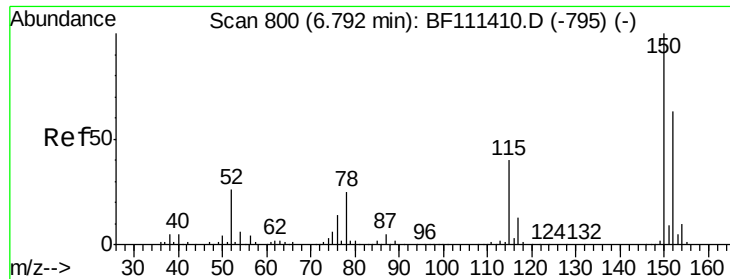
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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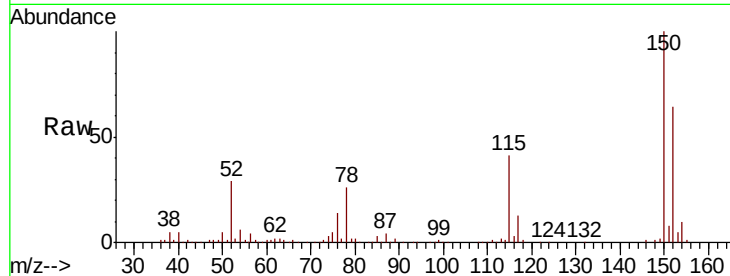




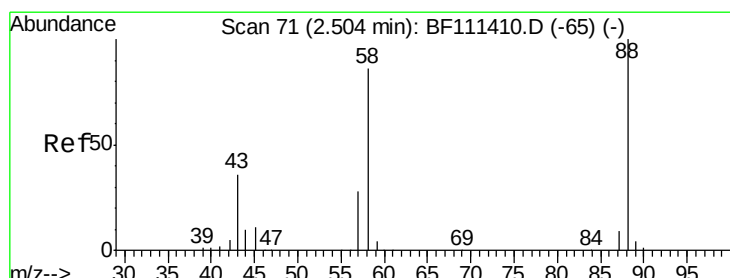
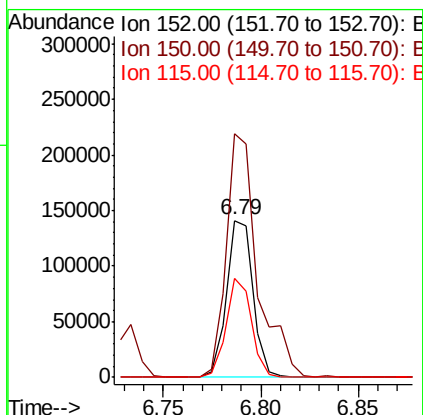
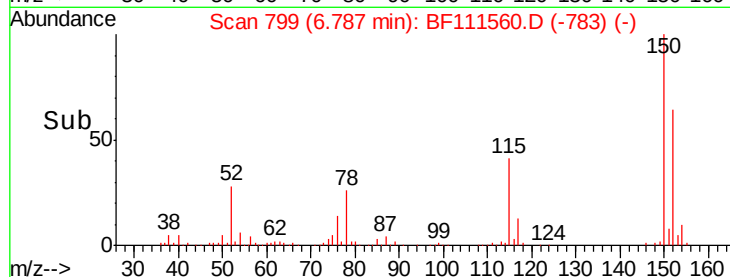
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tgt Ion: 152 Resp: 132505
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.6 189.8
 115 62.9 50.7 76.1

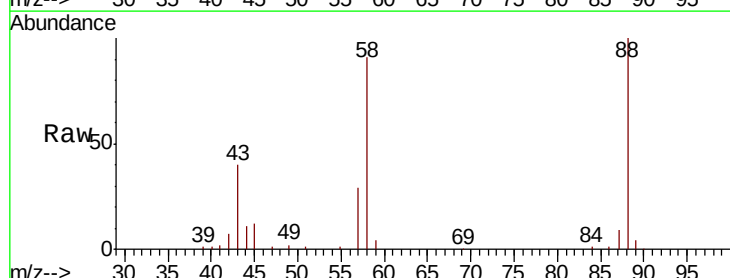


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

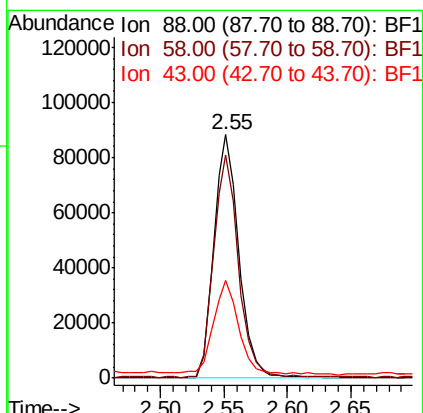
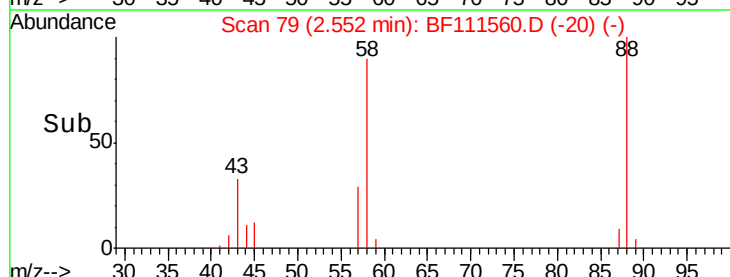


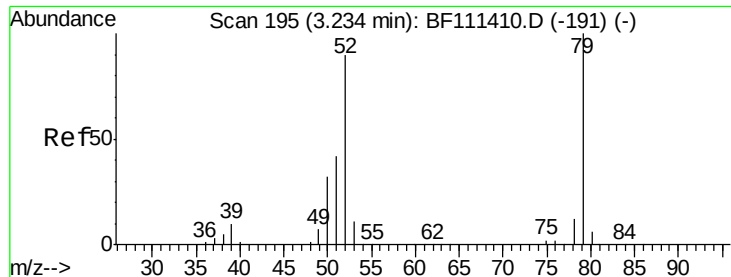
#2
 1,4-Dioxane
 Concen: 31.587 ng
 RT: 2.55 min Scan# 79
 Delta R.T. 0.05 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion: 88 Resp: 121476
 Ion Ratio Lower Upper
 88 100
 58 90.2 68.9 103.3
 43 37.8 25.8 38.6



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

Pyridine

Concen: 31.024 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

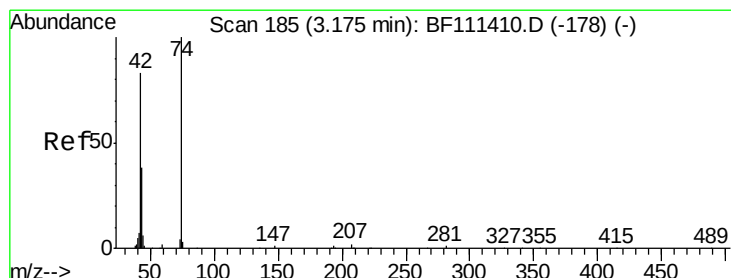
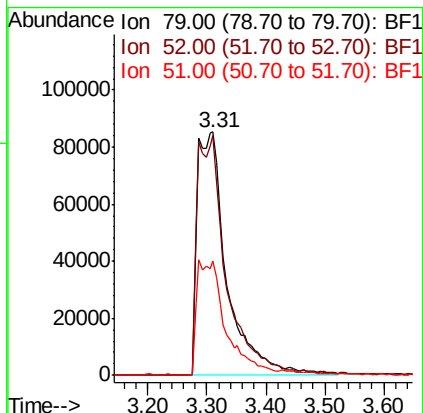
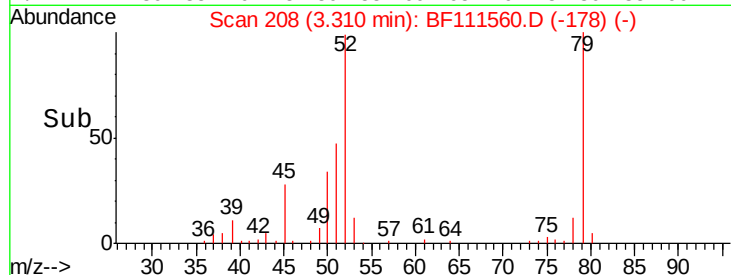
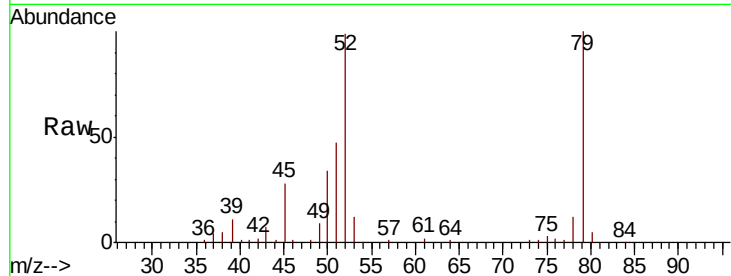
Tgt Ion: 79 Resp: 299664

Ion Ratio Lower Upper

79 100

52 98.6 68.3 102.5

51 47.2 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 42.662 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.05 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

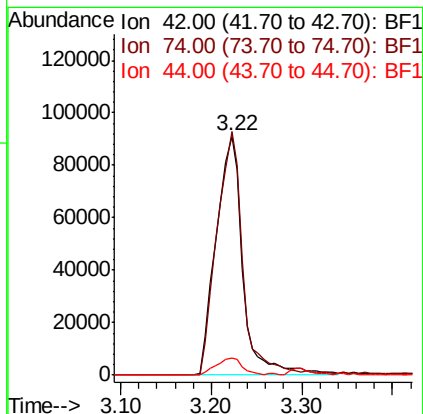
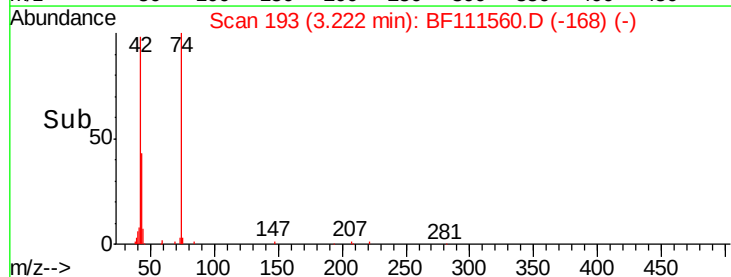
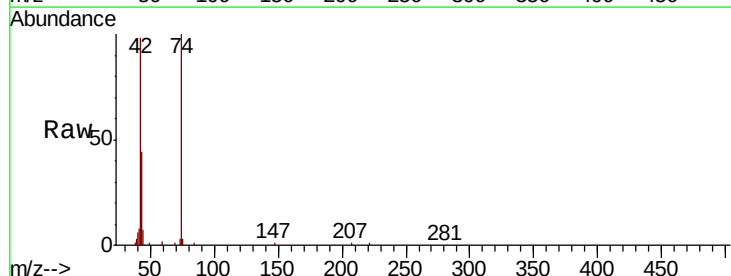
Tgt Ion: 42 Resp: 187174

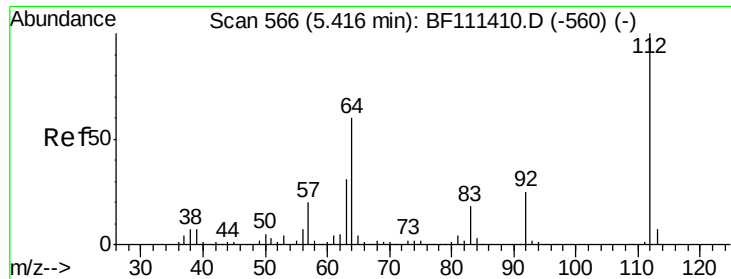
Ion Ratio Lower Upper

42 100

74 102.1 101.5 152.3

44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 133.091 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampled :

TP-6-AMS

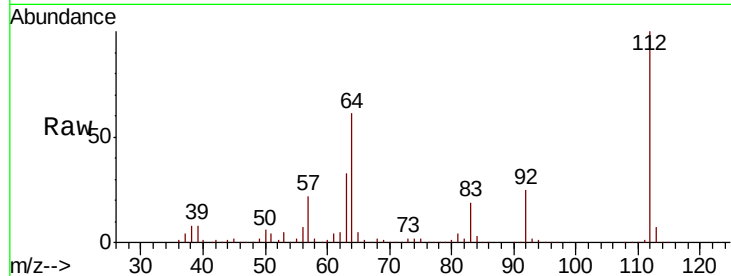
Tgt Ion: 112 Resp: 1059774

Ion Ratio Lower Upper

112 100

64 61.1 51.8 77.6

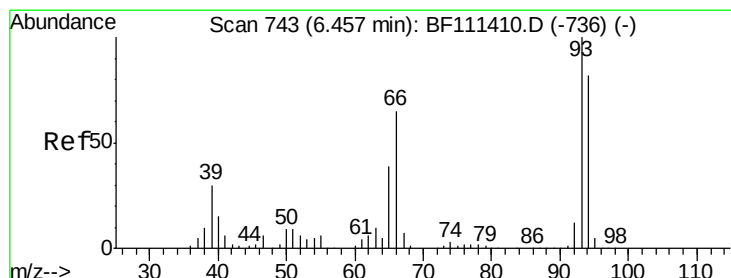
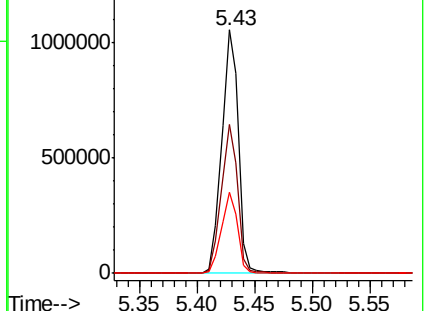
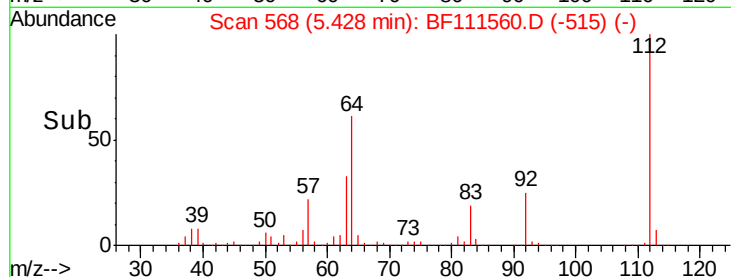
63 33.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.550 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

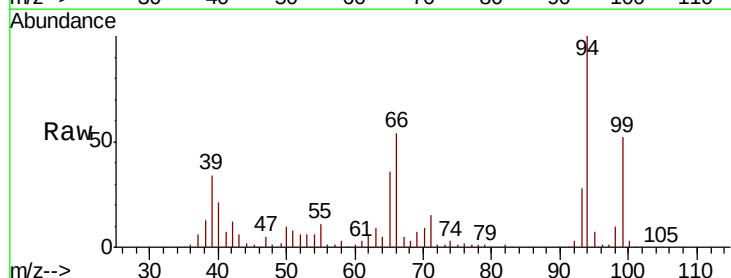
Tgt Ion: 93 Resp: 191169

Ion Ratio Lower Upper

93 100

66 192.2 33.2 49.8#

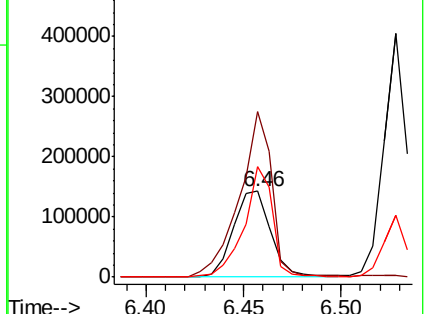
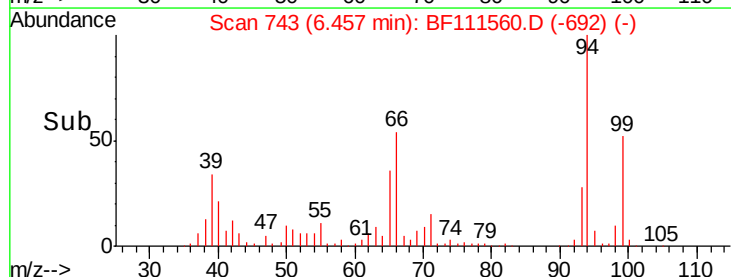
65 128.5 17.0 25.4#

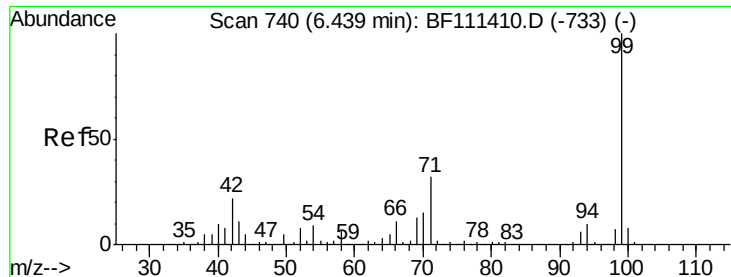


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.429 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

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TP-6-AMS

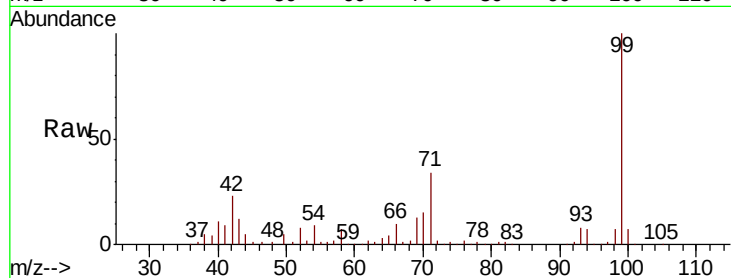
Tgt Ion: 99 Resp: 1370892

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.0

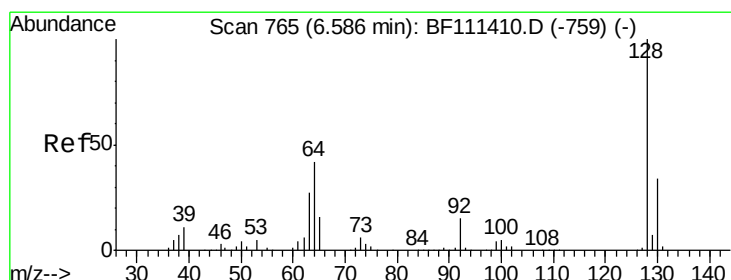
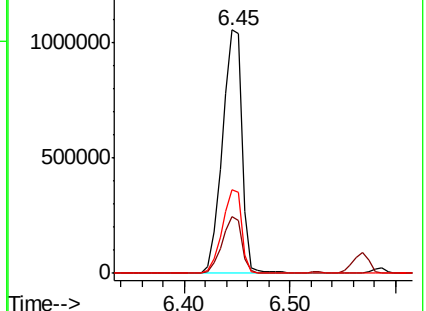
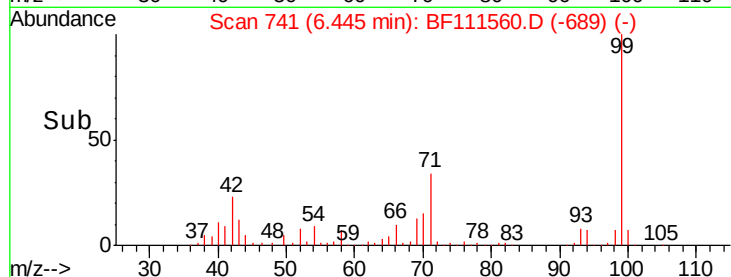
71 34.5 26.1 39.1



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: 37.870 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

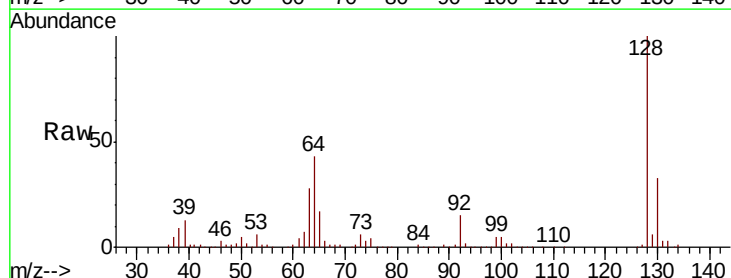
Tgt Ion: 128 Resp: 360308

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

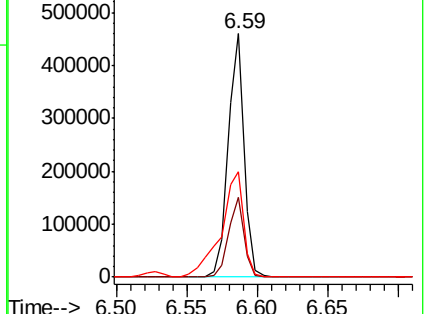
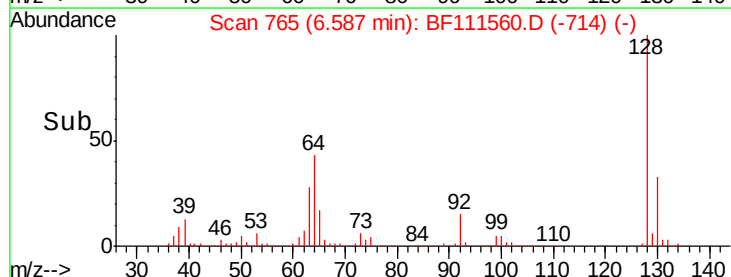
64 43.4 30.0 70.0

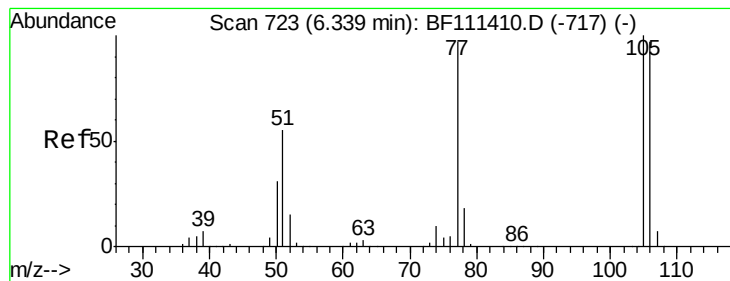


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.042 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

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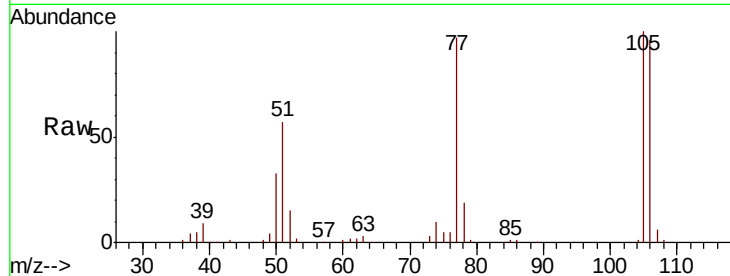
Tgt Ion: 77 Resp: 103064

Ion Ratio Lower Upper

77 100

105 102.8 81.4 121.4

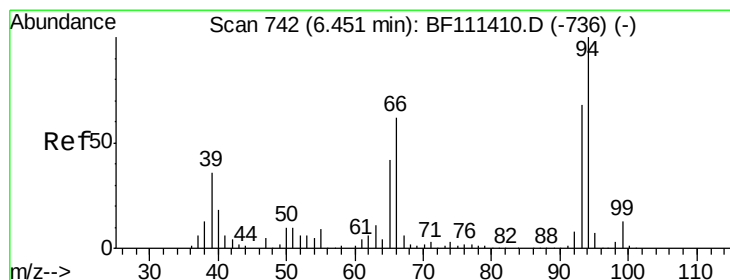
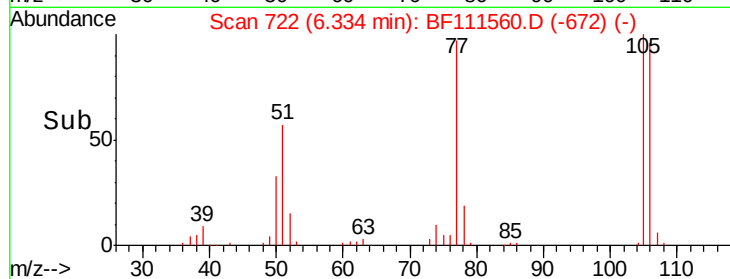
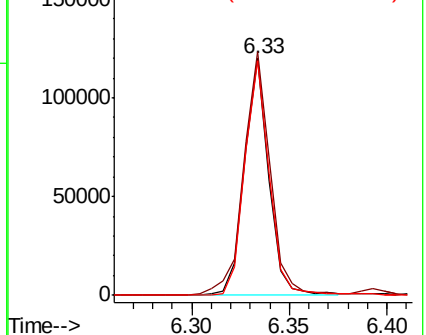
106 99.0 77.9 117.9



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: 40.523 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

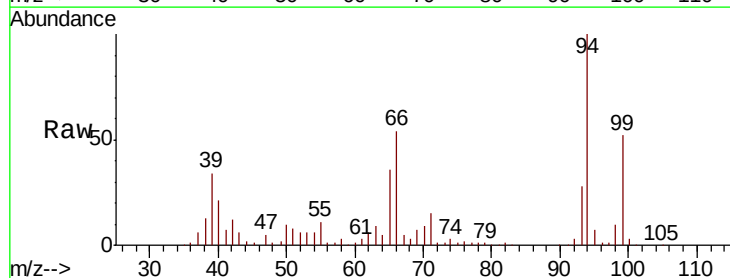
Tgt Ion: 94 Resp: 478128

Ion Ratio Lower Upper

94 100

65 35.9 11.7 51.7

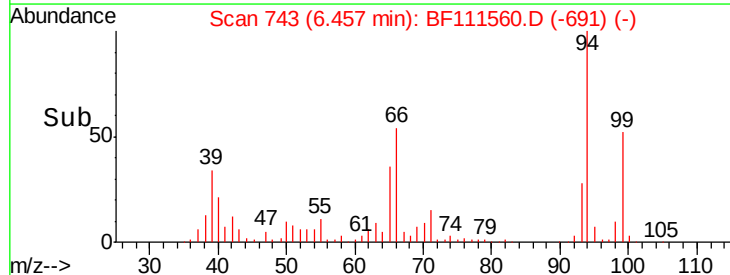
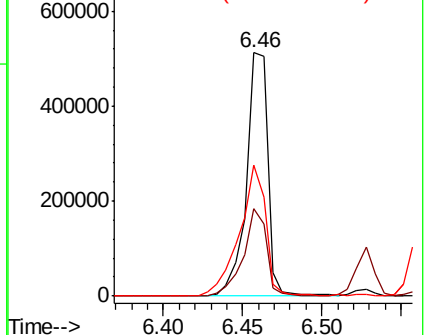
66 53.7 21.0 61.0

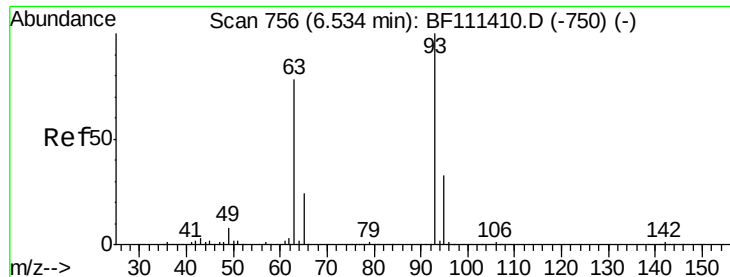


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

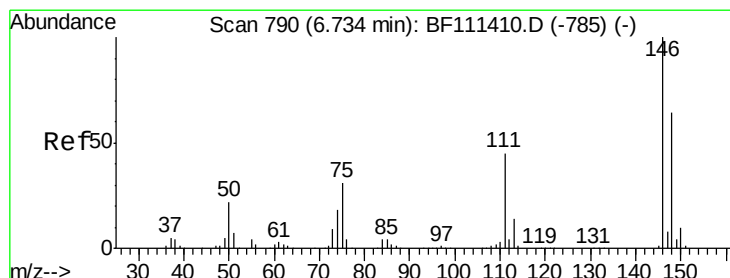
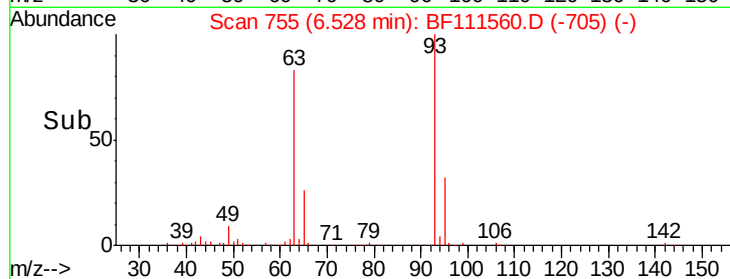
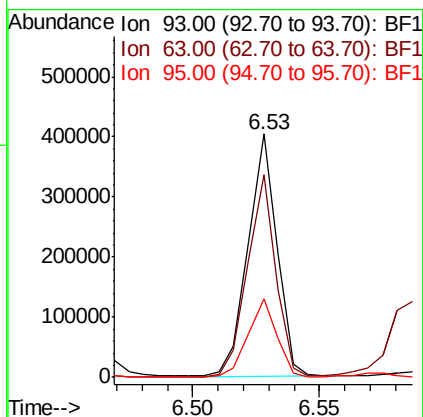
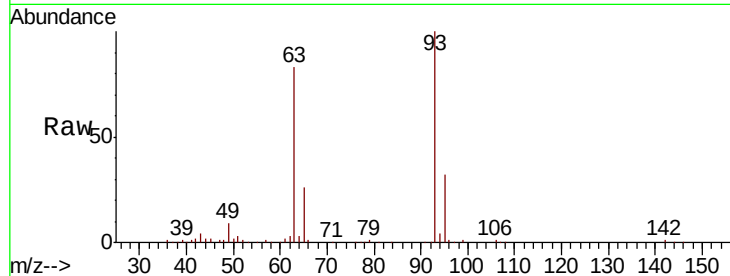




#11
bis(2-Chloroethyl)ether
Concen: 34.800 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

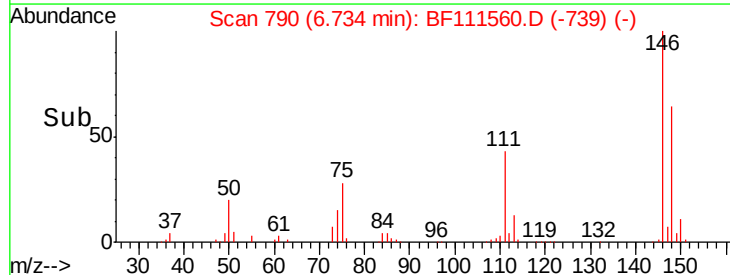
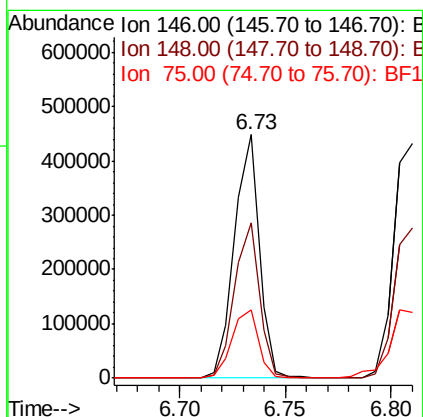
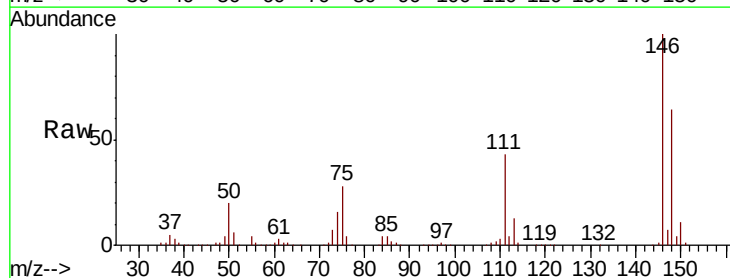
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

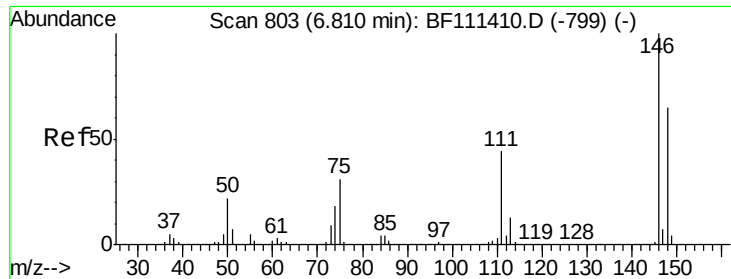
Tgt Ion: 93 Resp: 321884
Ion Ratio Lower Upper
93 100
63 83.2 60.0 100.0
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 35.006 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion: 146 Resp: 366622
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
75 28.1 23.9 35.9

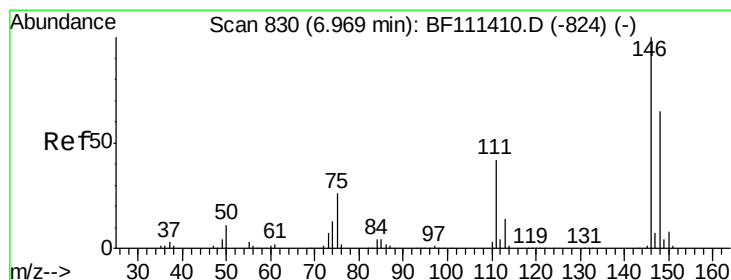
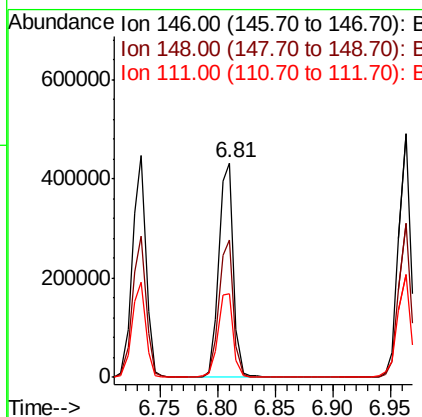
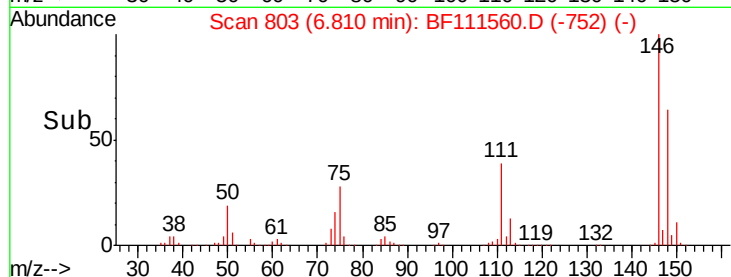
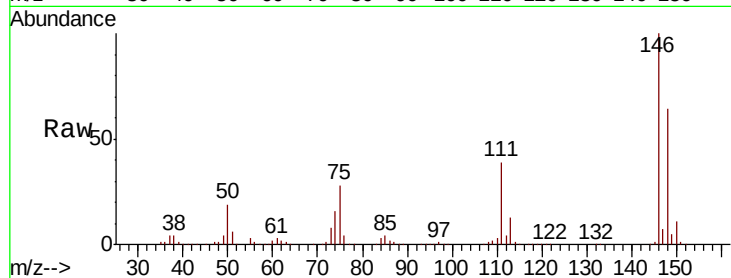




#13
 1,4-Dichlorobenzene
 Concen: 35.785 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

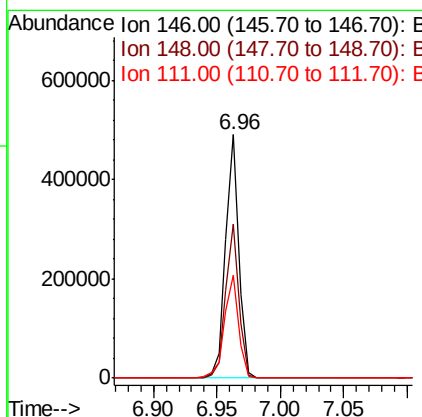
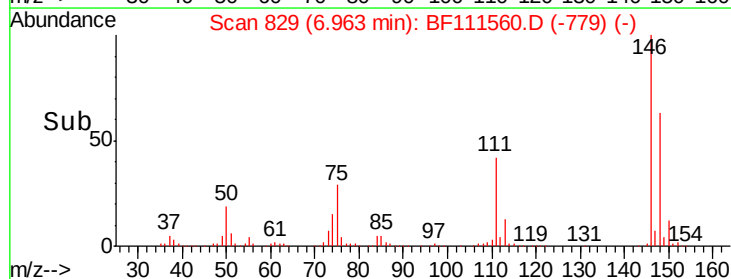
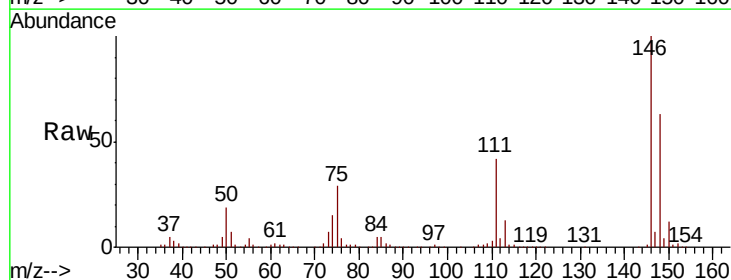
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

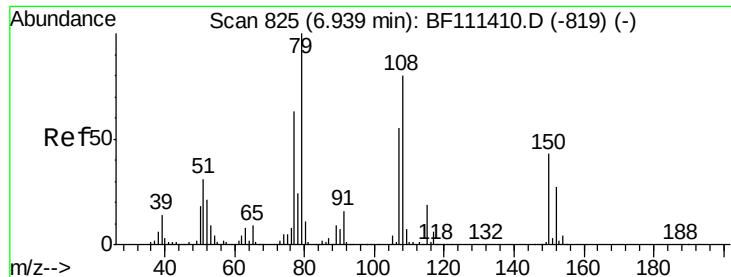
Tgt Ion:146 Resp: 380413
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 39.2 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 35.929 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:146 Resp: 359323
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.9 77.9
 111 42.4 36.2 54.4

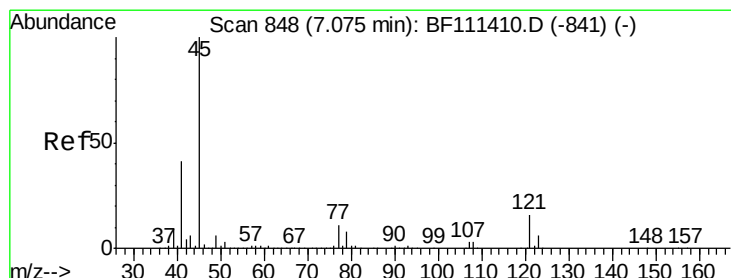
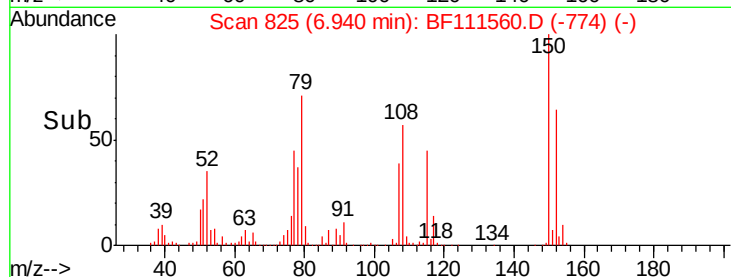
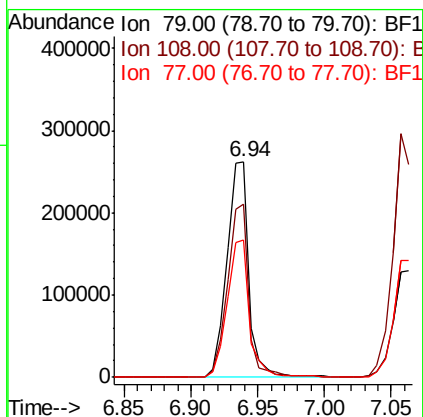
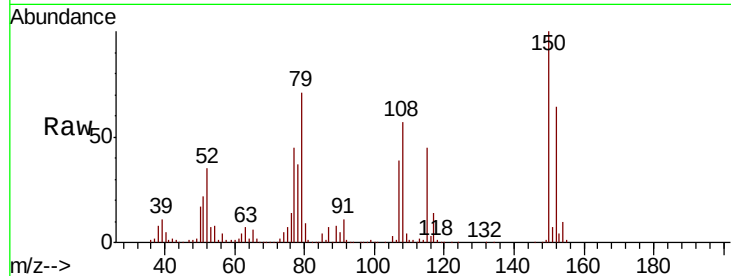




#15
Benzyl Alcohol
Concen: 37.810 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

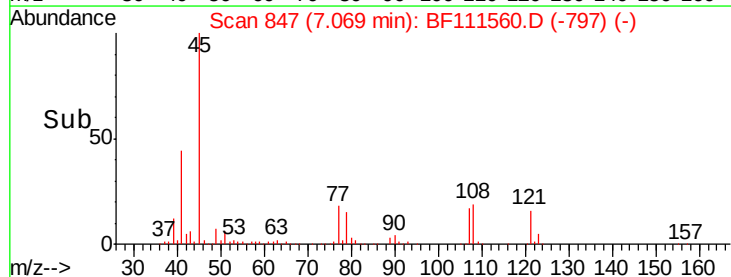
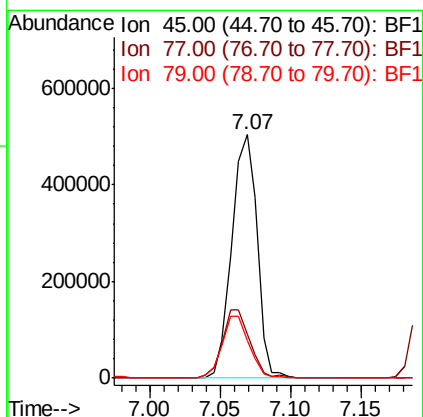
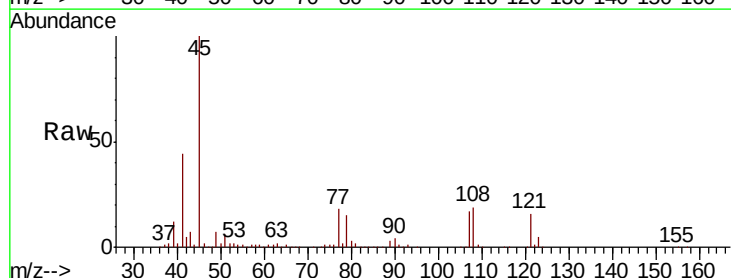
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

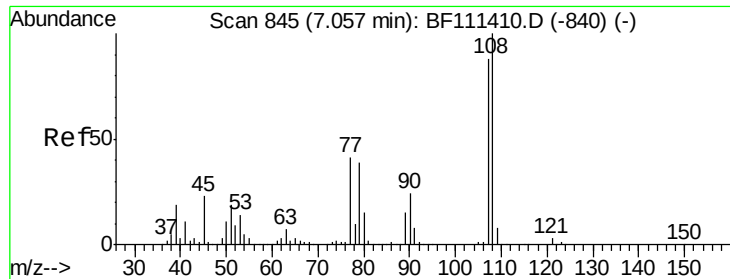
Tgt Ion: 79 Resp: 304725
Ion Ratio Lower Upper
79 100
108 80.3 69.4 104.2
77 63.8 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.882 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion: 45 Resp: 629950
Ion Ratio Lower Upper
45 100
77 17.8 0.0 31.5
79 15.2 0.0 28.9

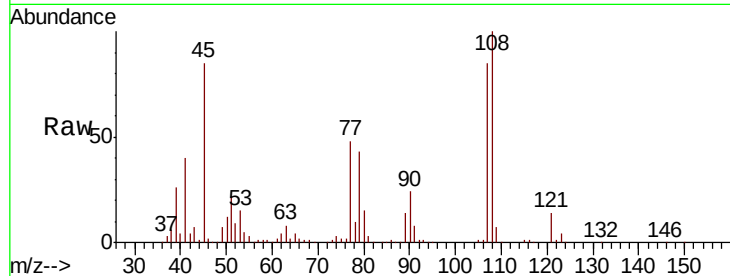




#17
2-Methylphenol
Concen: 36.436 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	117.6	91.0	136.4
77	56.5	33.5	50.3#
79	50.9	33.3	49.9#



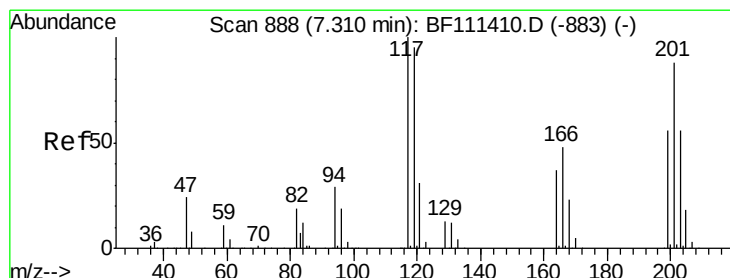
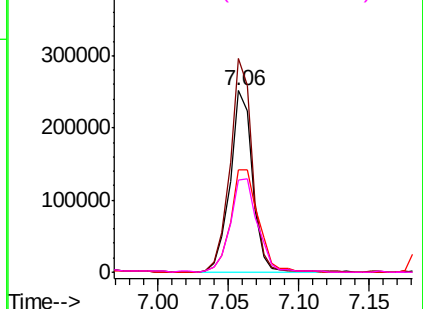
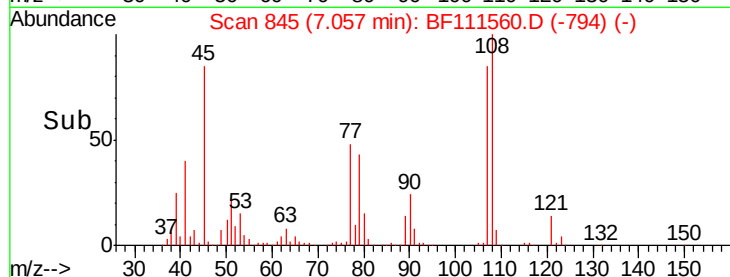
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

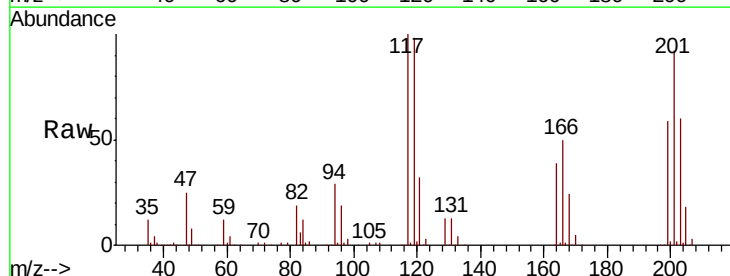
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.565 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
201	92.0	62.4	93.6

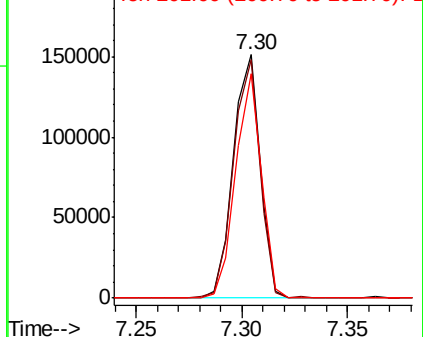
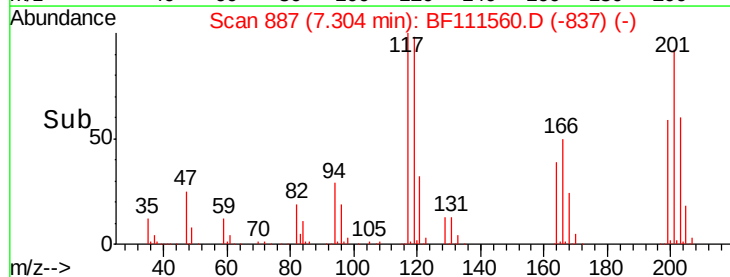


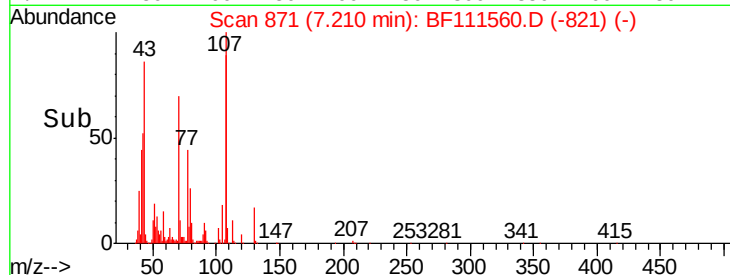
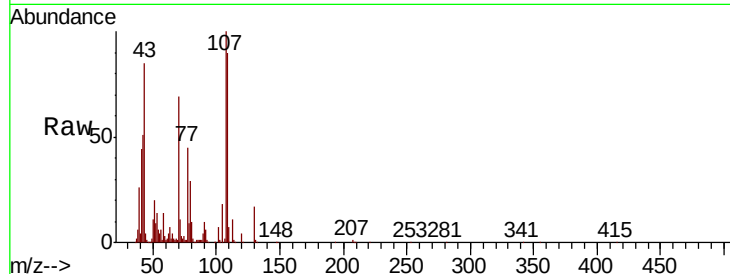
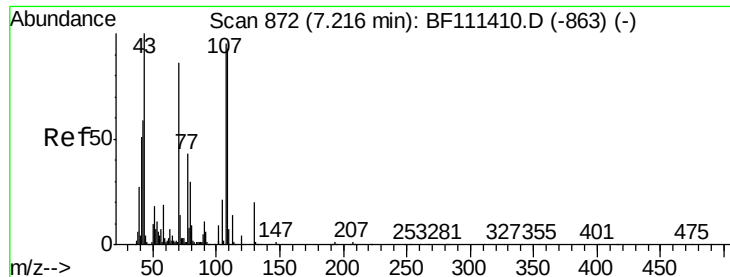
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

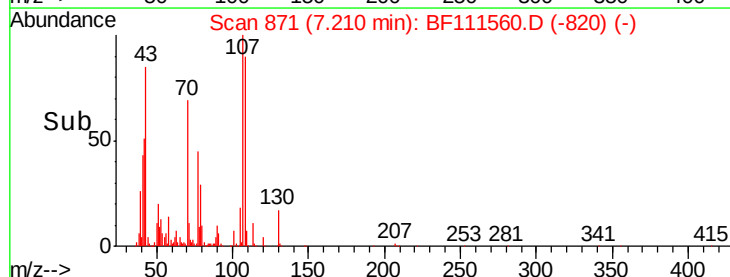
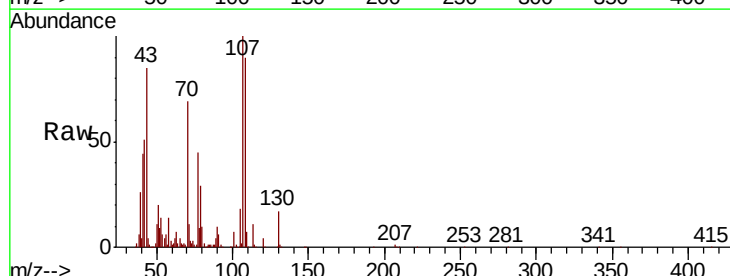
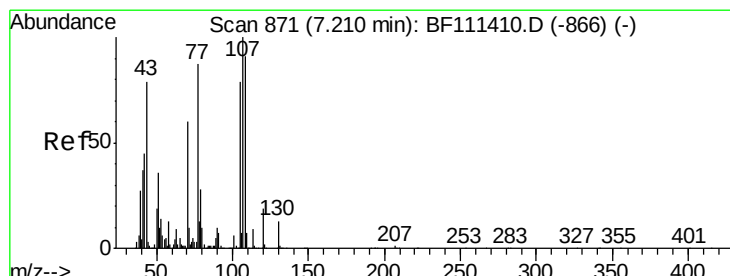
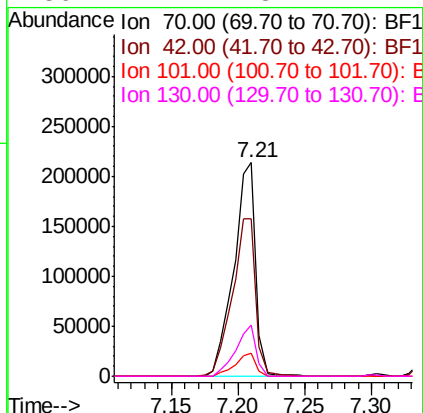




#19
n-Nitroso-di-n-propylamine
Concen: 35.257 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

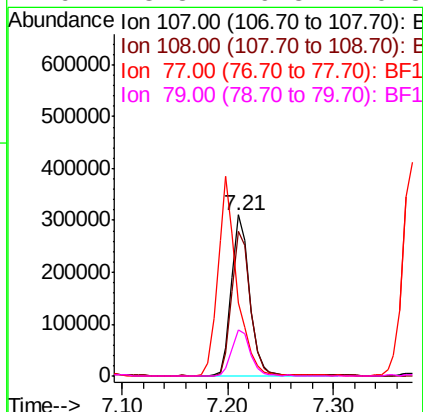
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

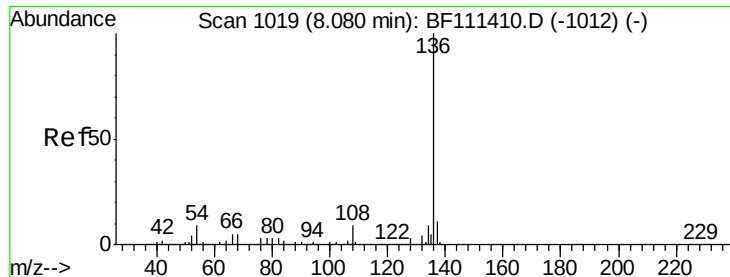
Tgt Ion:	70	Resp:	246372
Ion	Ratio	Lower	Upper
70	100		
42	74.0	53.2	79.8
101	10.6	8.2	12.4
130	24.2	18.1	27.1



#20
3+4-Methylphenols
Concen: 37.982 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:	107	Resp:	364810
Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.1	112.1
77	45.1	94.1	134.1#
79	28.8	9.8	49.8

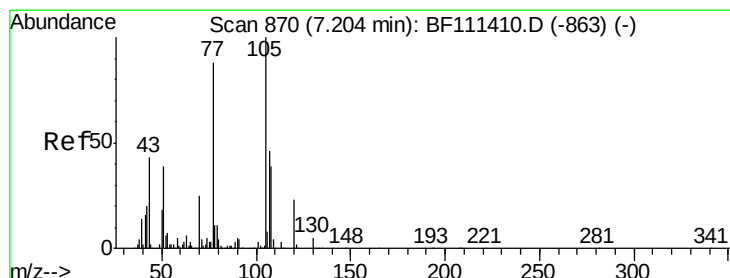
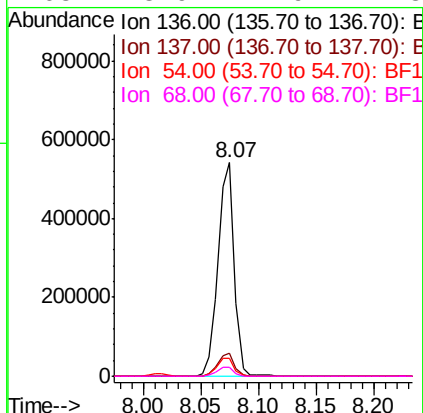
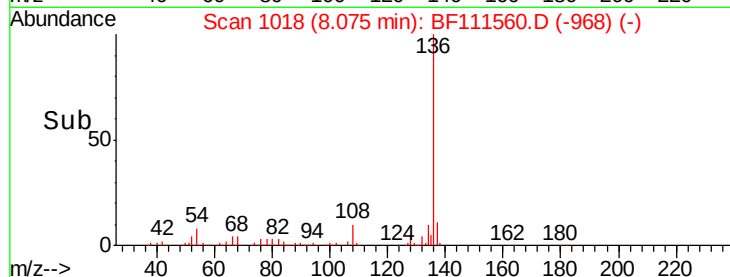
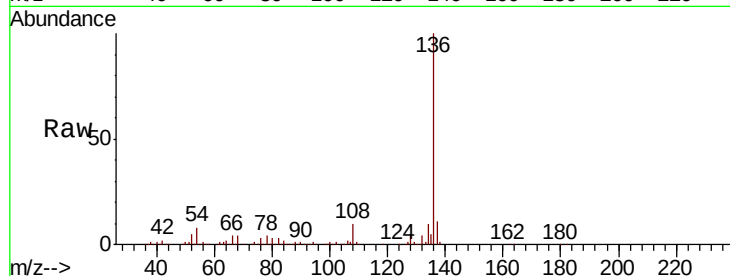




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

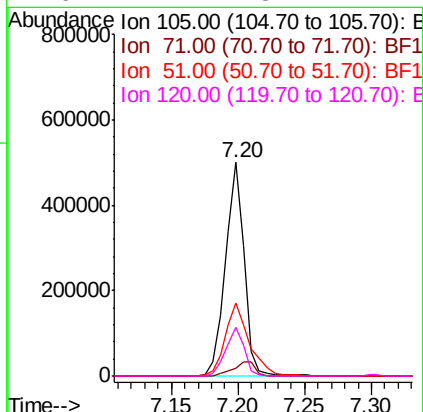
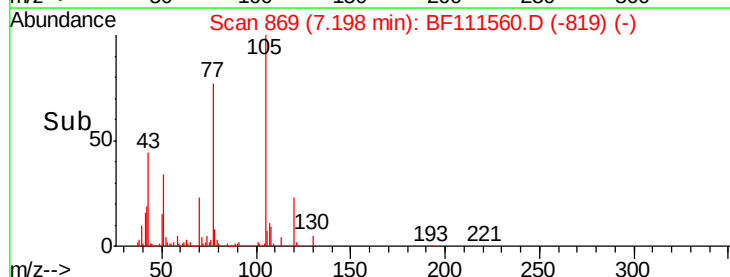
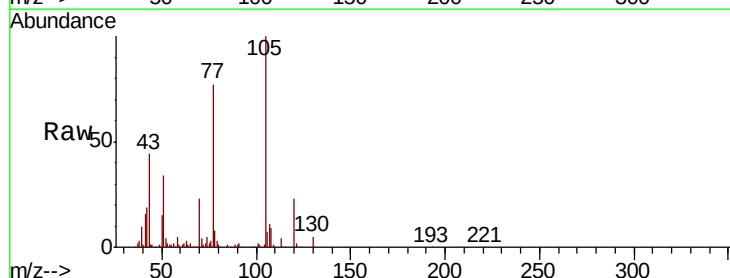
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

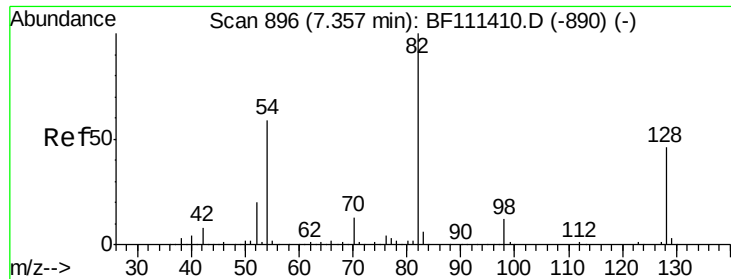
Tgt Ion:	136	Resp:	528901
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.4	7.7	11.5
68	3.9	4.9	7.3#



#22
Acetophenone
Concen: 42.274 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:	105	Resp:	499116
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.1	4.7
51	34.2	36.6	54.8#
120	22.7	18.2	27.4

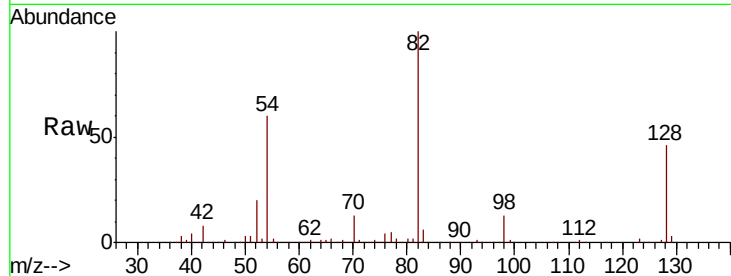




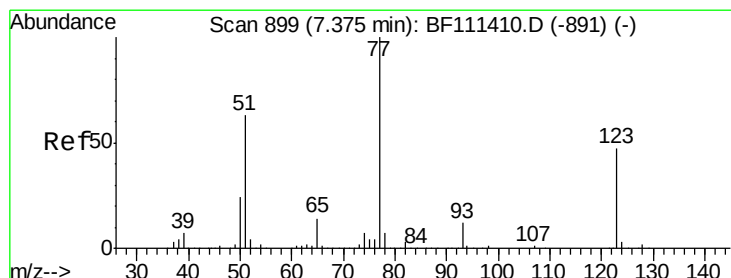
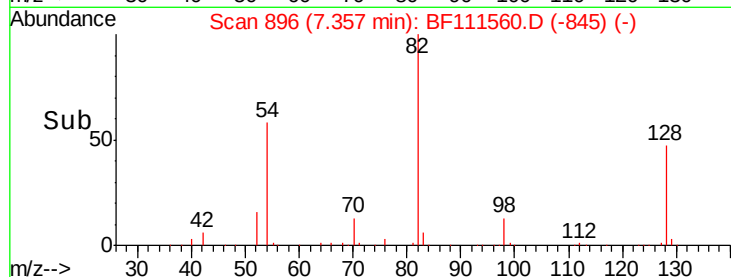
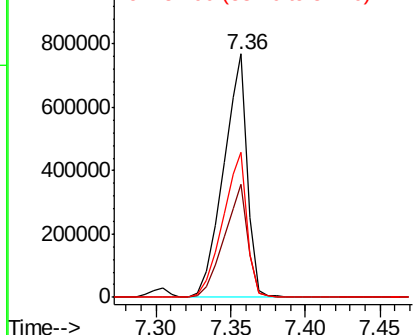
#23
 Nitrobenzene-d5
 Concen: 97.194 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tgt Ion: 82 Resp: 863264
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.4 56.2
 54 59.7 47.6 71.4

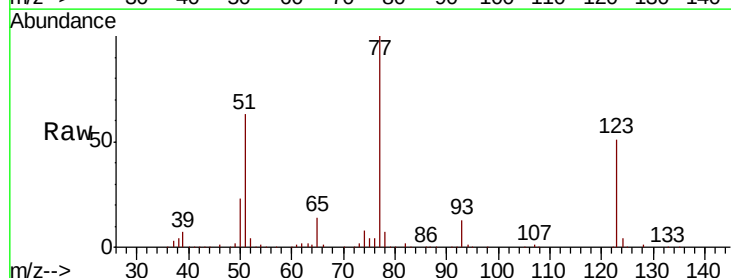


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

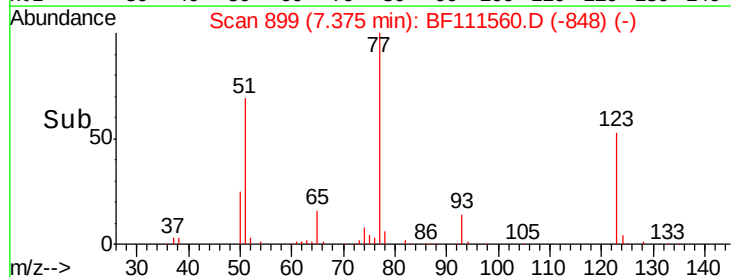
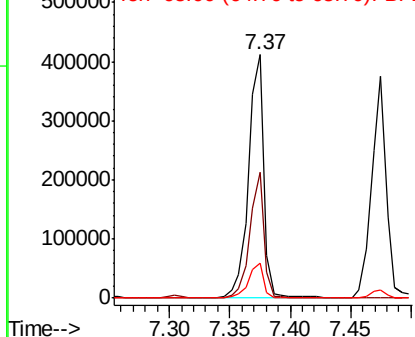


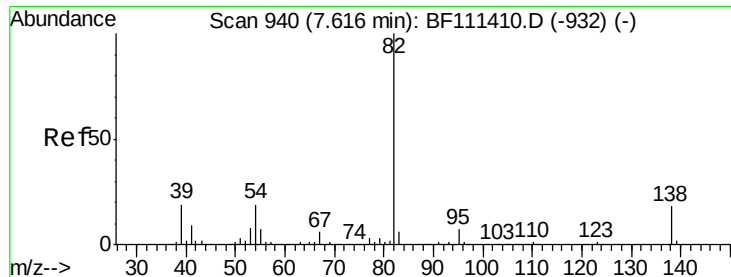
#24
 Nitrobenzene
 Concen: 39.967 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion: 77 Resp: 362118
 Ion Ratio Lower Upper
 77 100
 123 51.5 37.2 55.8
 65 14.3 11.5 17.3



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: 43.883 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

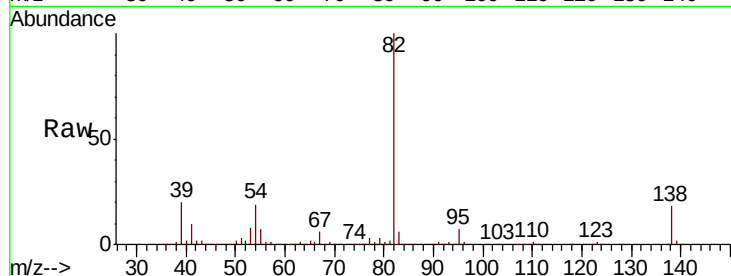
Tgt Ion: 82 Resp: 659488

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

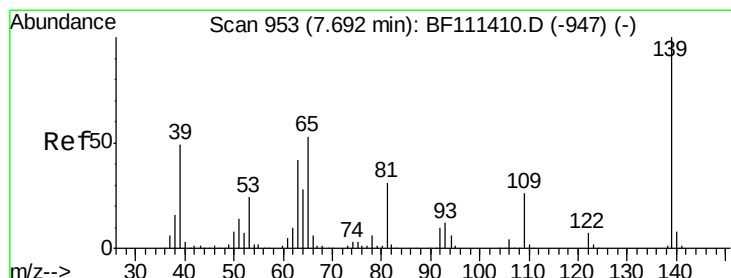
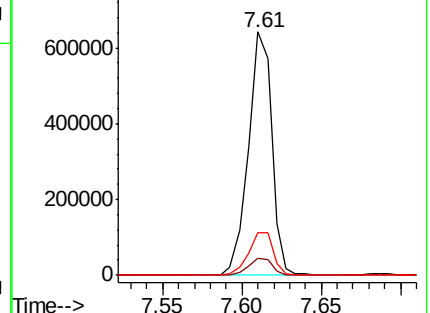
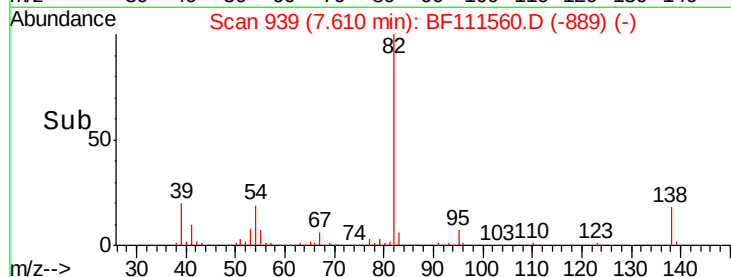
138 17.7 15.1 22.7



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: 37.597 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

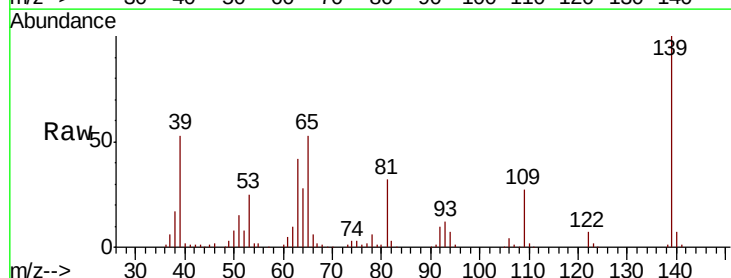
Tgt Ion: 139 Resp: 176657

Ion Ratio Lower Upper

139 100

109 26.7 20.2 30.4

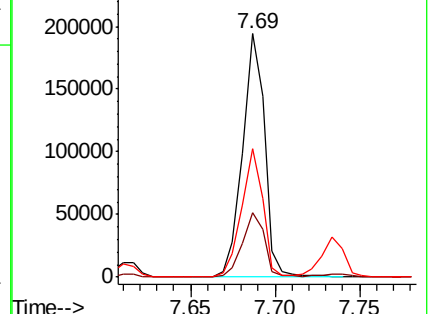
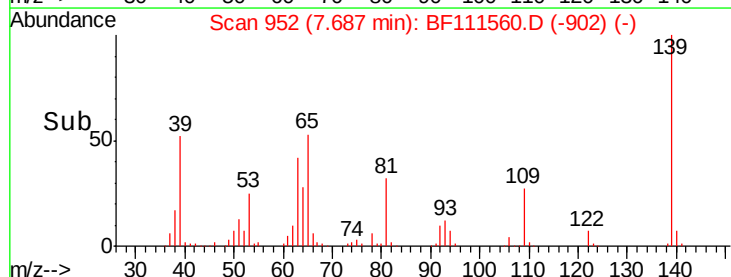
65 52.8 40.7 61.1

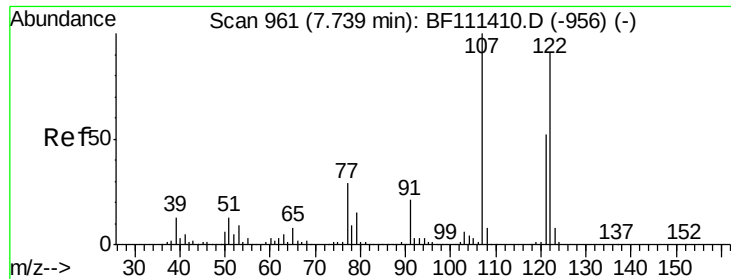


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

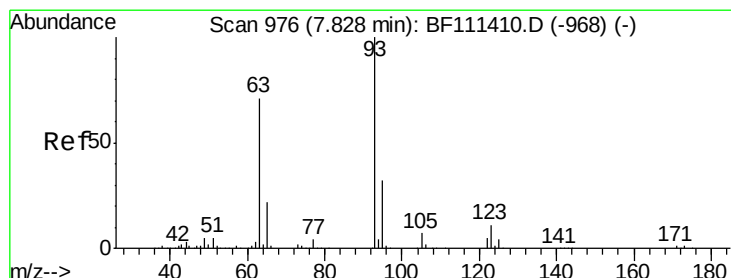
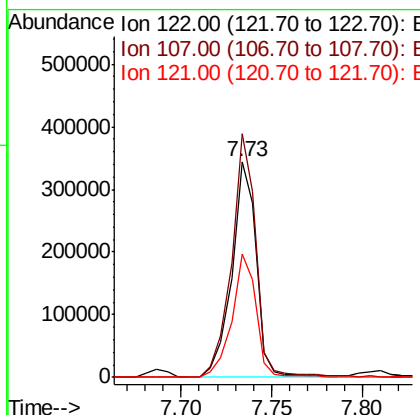
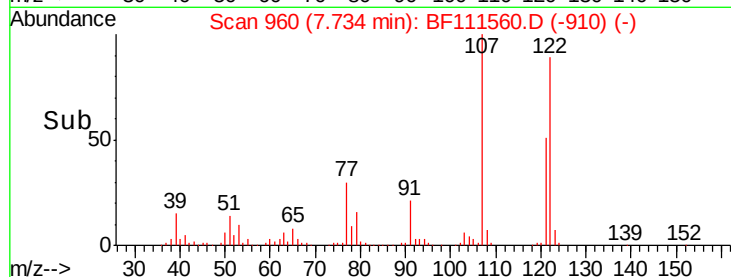
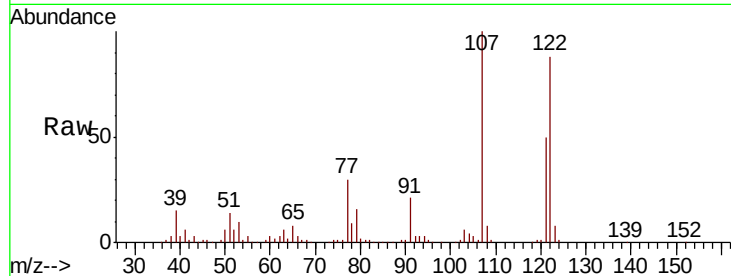




#27
2,4-Dimethylphenol
Concen: 47.767 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

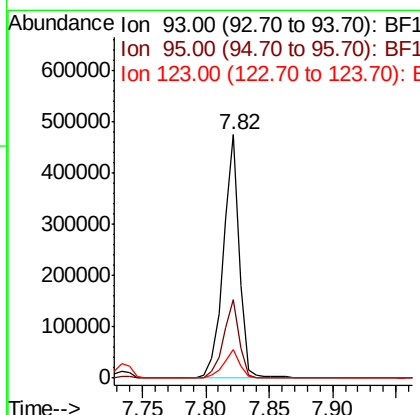
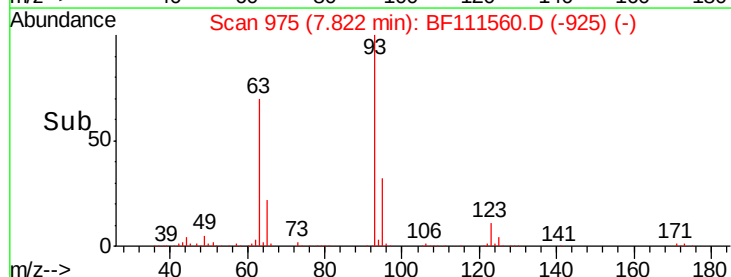
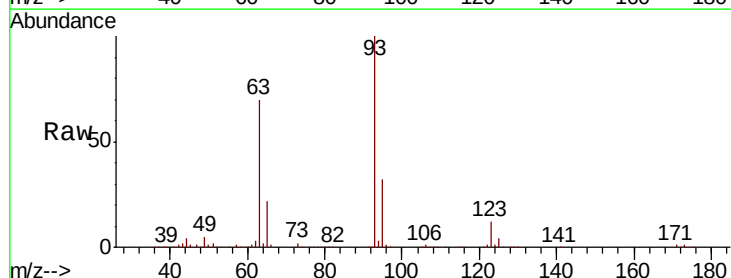
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

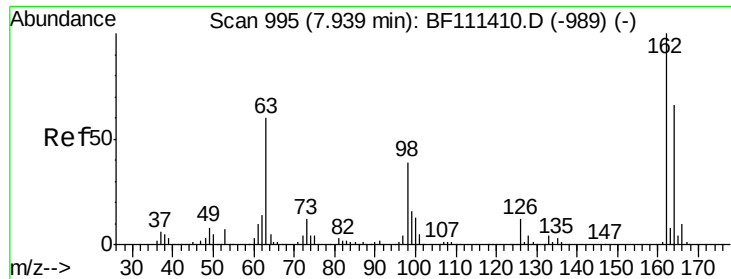
Tgt Ion: 122 Resp: 325380
Ion Ratio Lower Upper
122 100
107 113.0 85.5 128.3
121 57.0 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.008 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion: 93 Resp: 415065
Ion Ratio Lower Upper
93 100
95 32.3 27.1 40.7
123 11.6 9.9 14.9

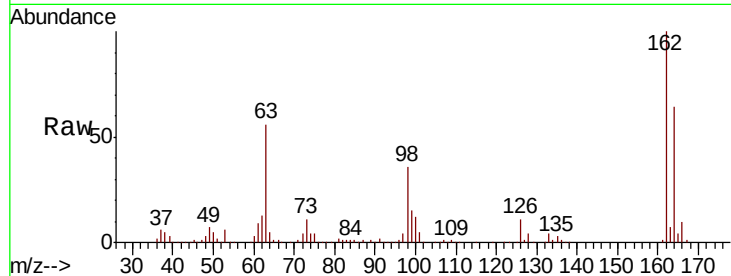




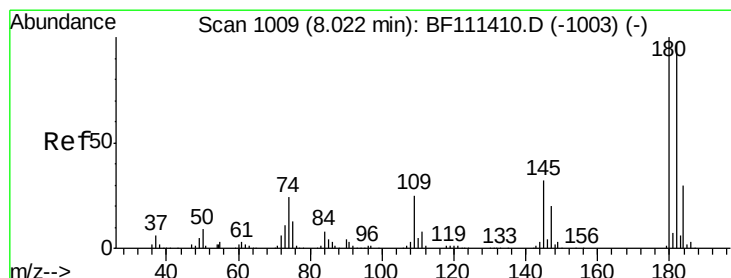
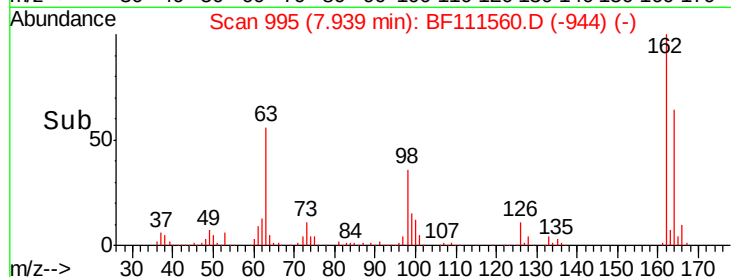
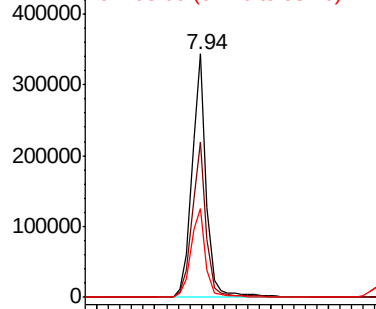
#29
2,4-Dichlorophenol
Concen: 40.605 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	36.2	20.3	60.3

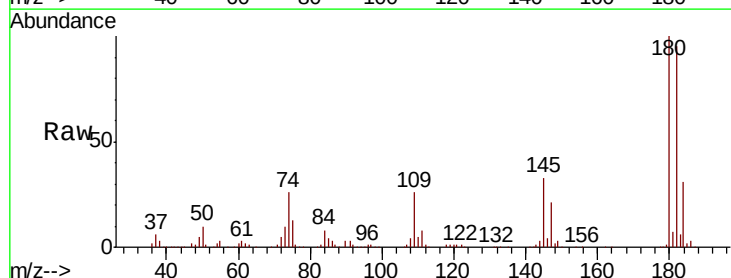


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

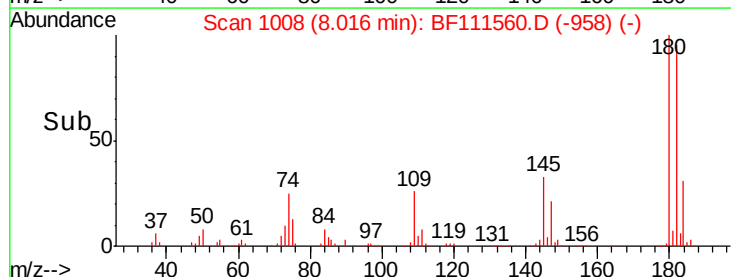
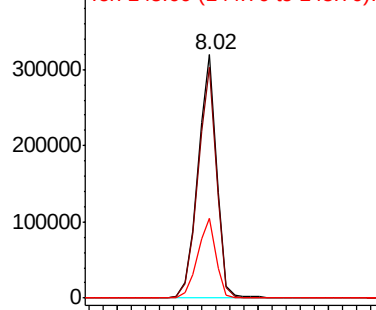


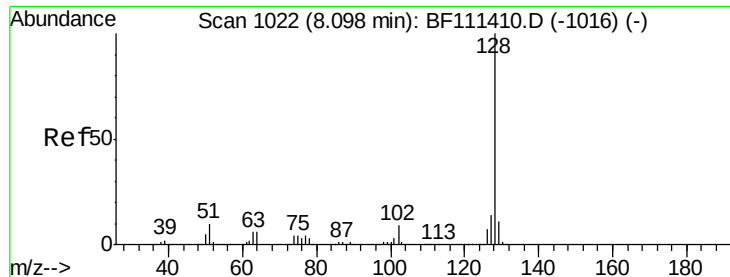
#30
1,2,4-Trichlorobenzene
Concen: 38.197 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	32.7	26.7	40.1



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

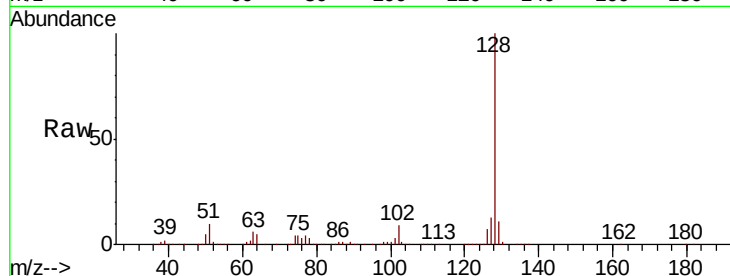




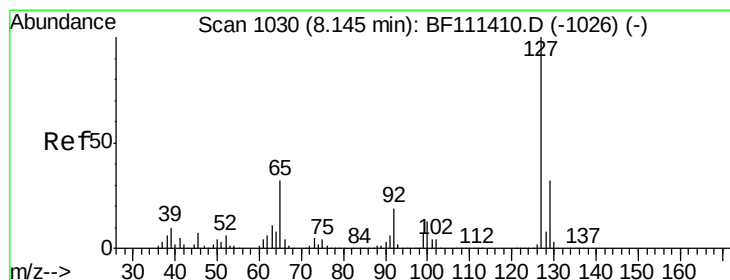
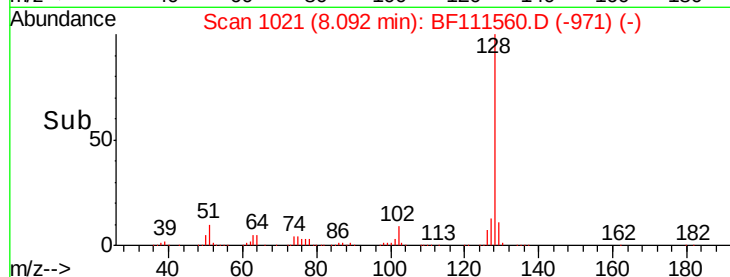
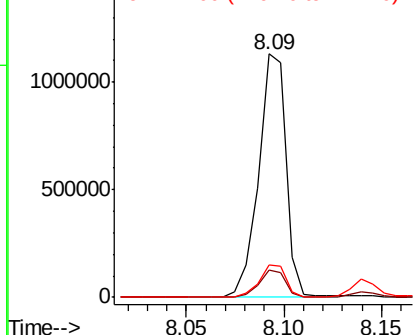
#31
Naphthalene
Concen: 44.590 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion:128 Resp: 1103060
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.2 12.0 18.0

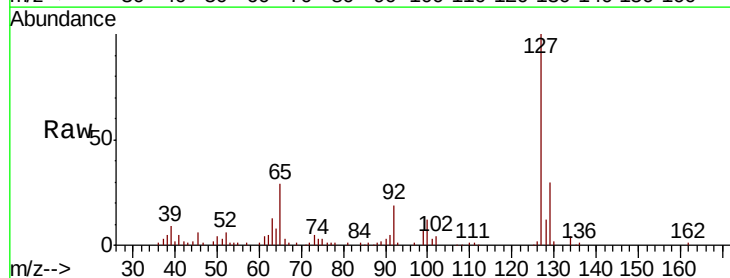


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

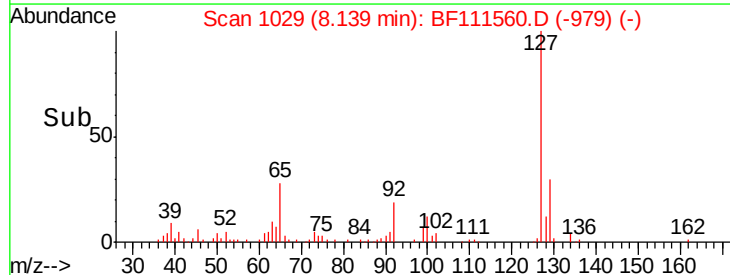
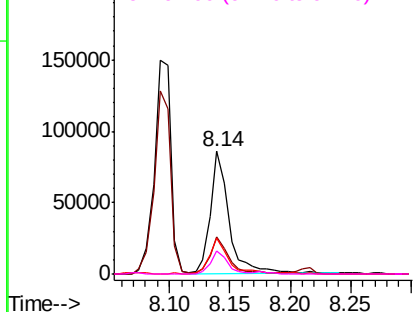


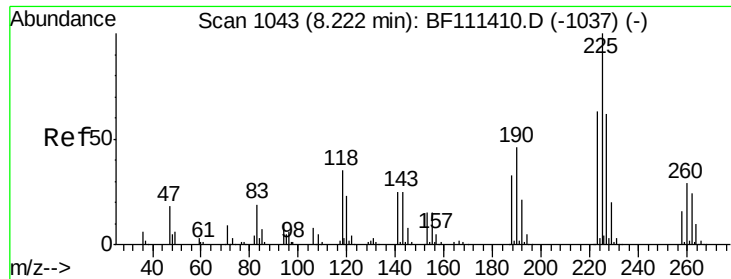
#33
4-Chloroaniline
Concen: 8.290 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:127 Resp: 91194
Ion Ratio Lower Upper
127 100
129 30.2 26.6 39.8
65 29.2 25.7 38.5
92 18.9 15.4 23.2



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

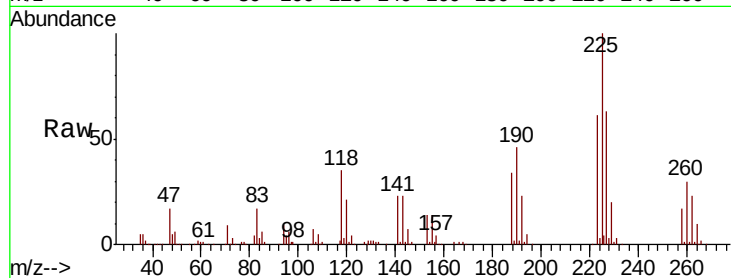




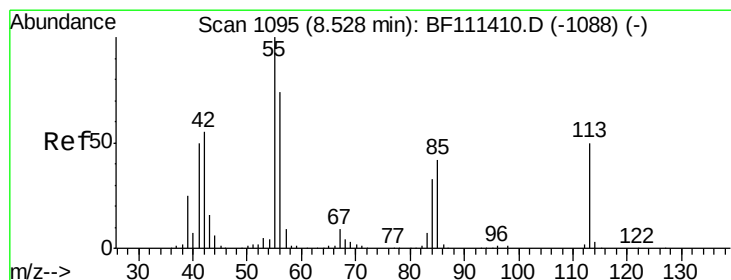
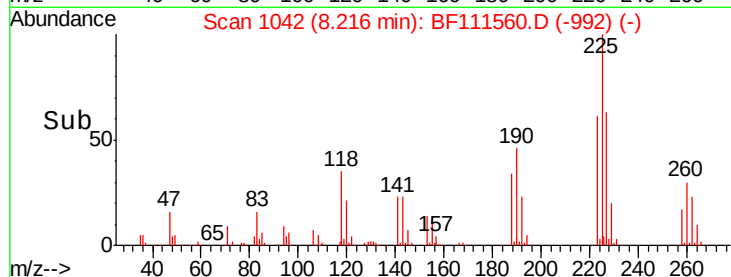
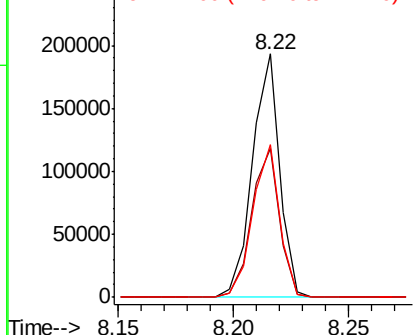
#34
Hexachlorobutadiene
Concen: 38.048 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.7	76.1
227	62.9	52.6	78.8

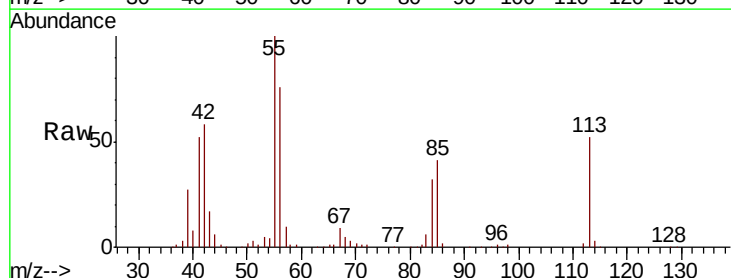


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

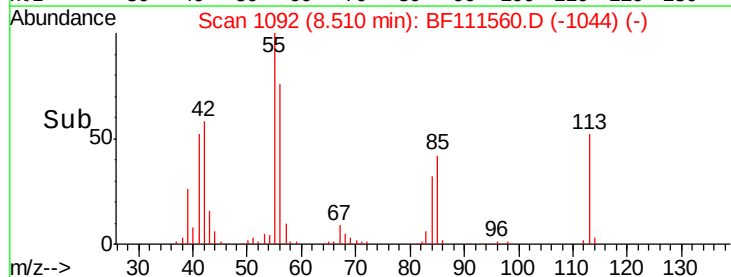
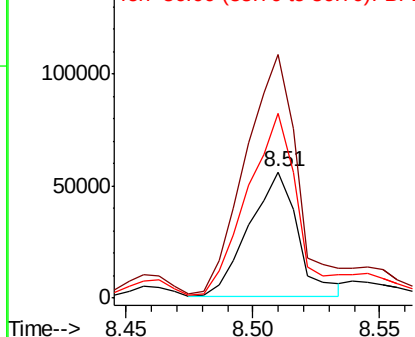


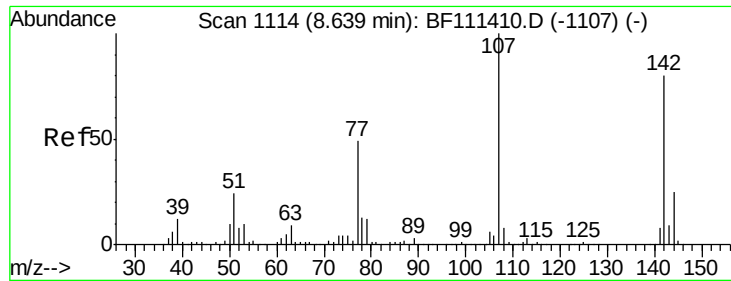
#35
Caprolactam
Concen: 27.842 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
113	100		
55	193.3	184.1	224.1
56	146.6	126.0	166.0



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

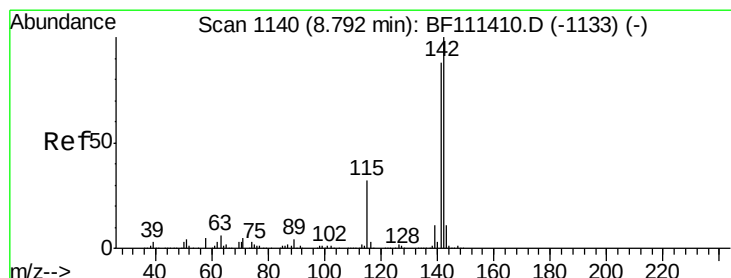
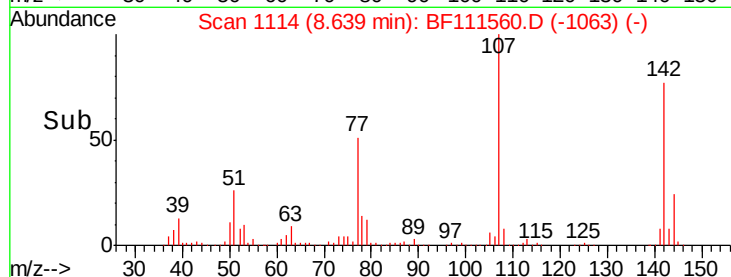
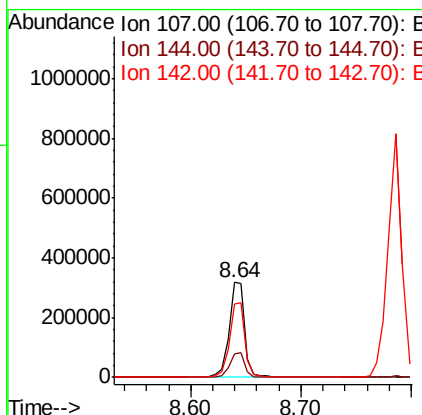
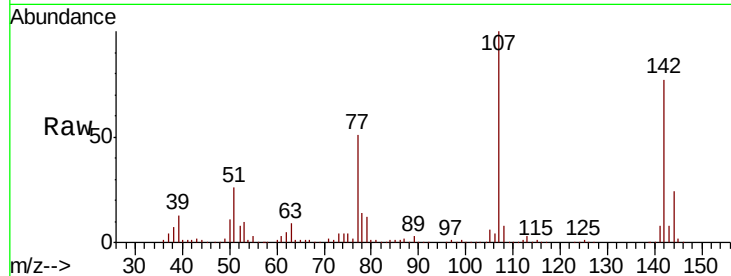




#36
 4-Chloro-3-methylphenol
 Concen: 39.377 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

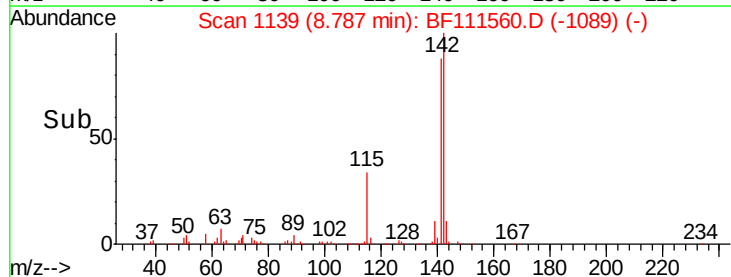
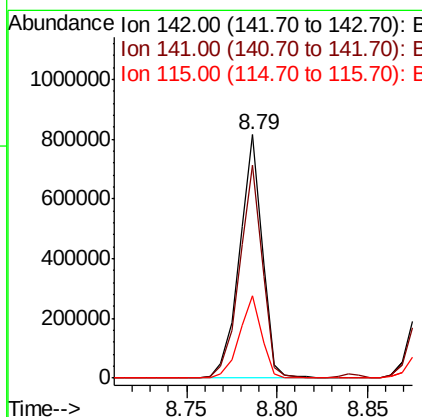
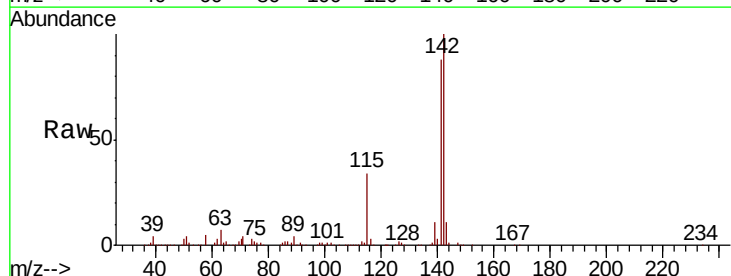
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

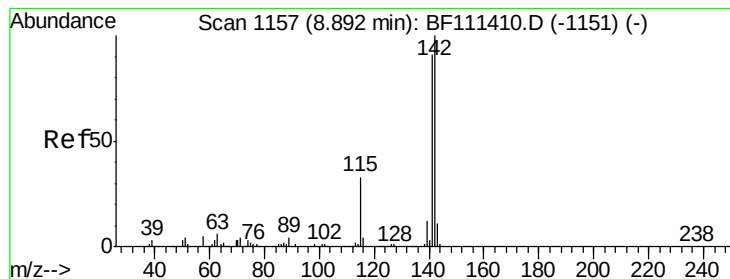
Tgt Ion:107 Resp: 315179
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.8 29.6
 142 77.3 62.3 93.5



#37
 2-Methylnaphthalene
 Concen: 42.339 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:142 Resp: 708731
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.6 105.8
 115 33.9 27.0 40.6





#38

1-Methylnaphthalene

Concen: 41.134 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

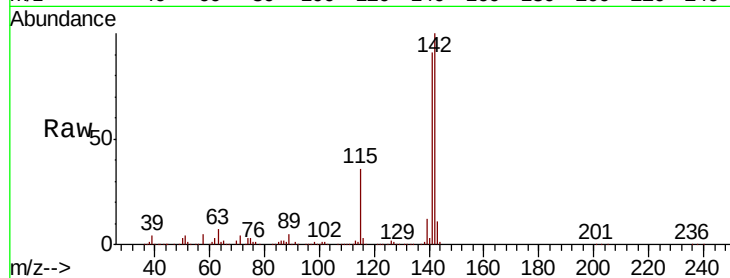
Tgt Ion:142 Resp: 665207

Ion Ratio Lower Upper

142 100

141 90.7 74.2 111.4

116 3.5 2.9 4.3

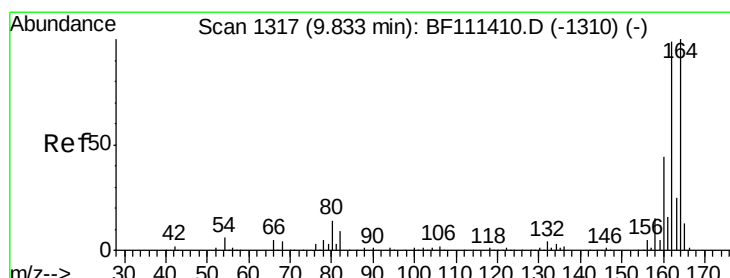
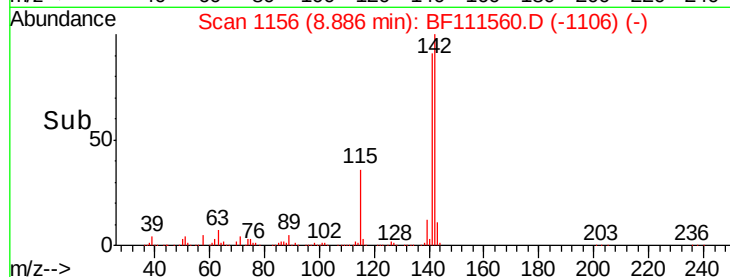
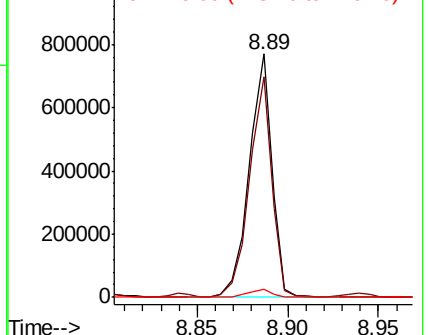


Abundance

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

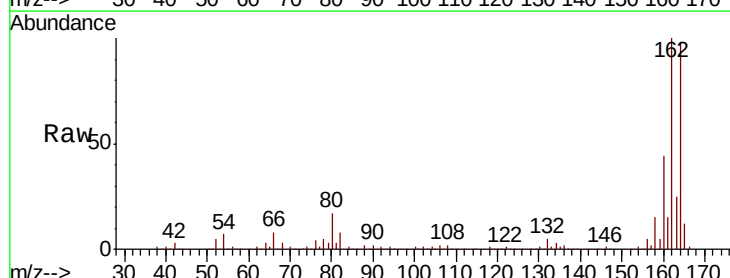
Tgt Ion:164 Resp: 243430

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 44.8 35.7 53.5

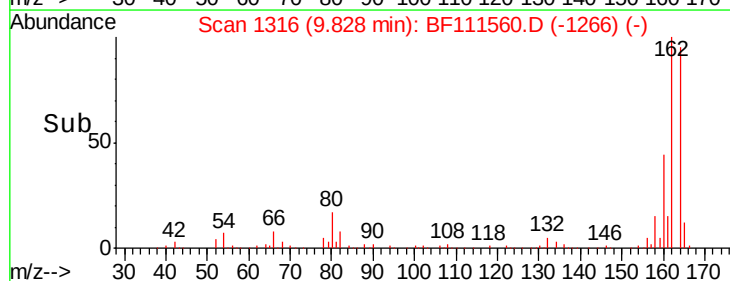
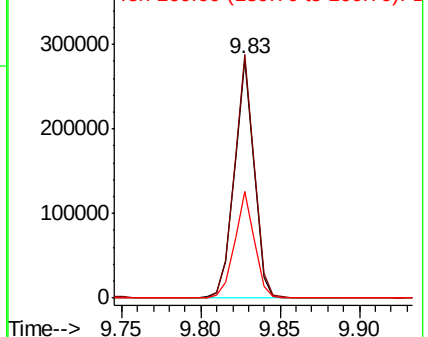


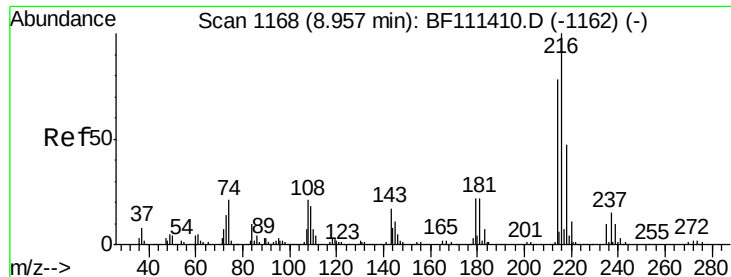
Abundance

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

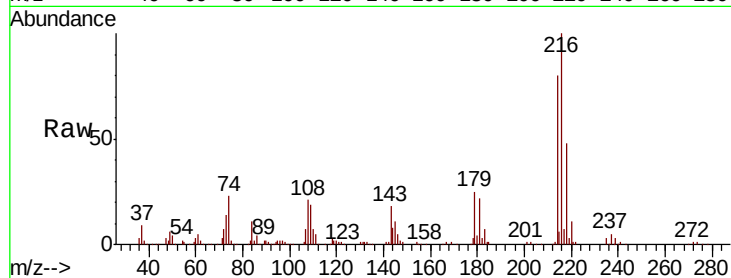




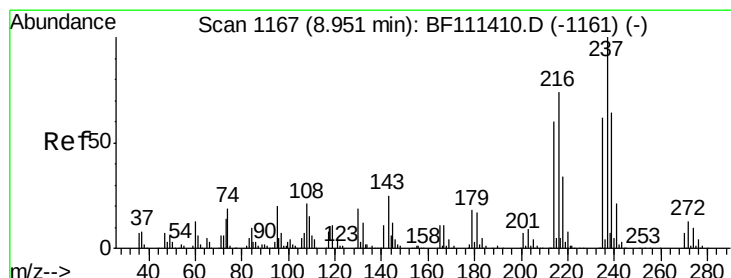
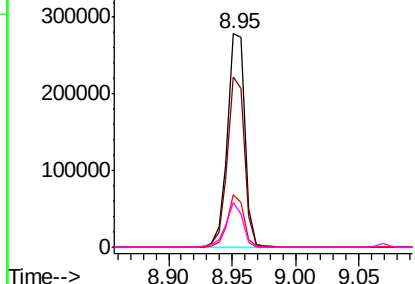
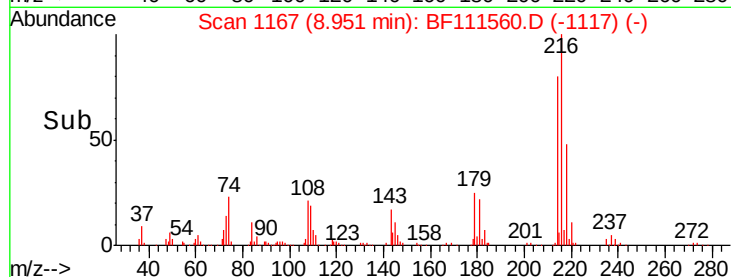
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.720 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tgt Ion:	216	Resp:	265165
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.8
179	22.8	17.9	26.9
108	20.4	18.4	27.6

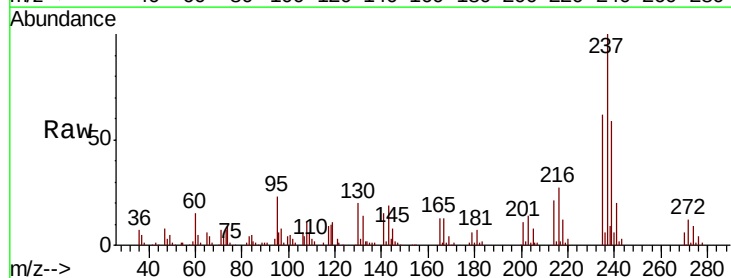


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

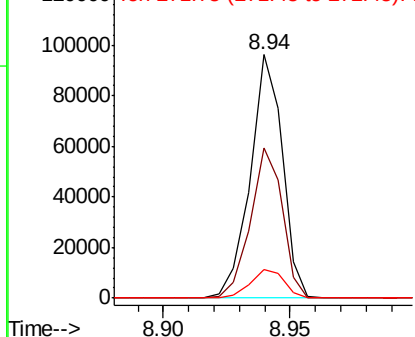
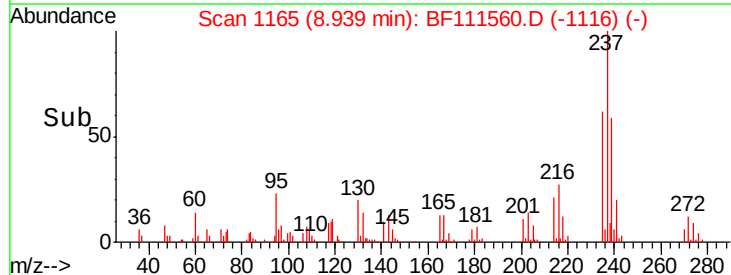


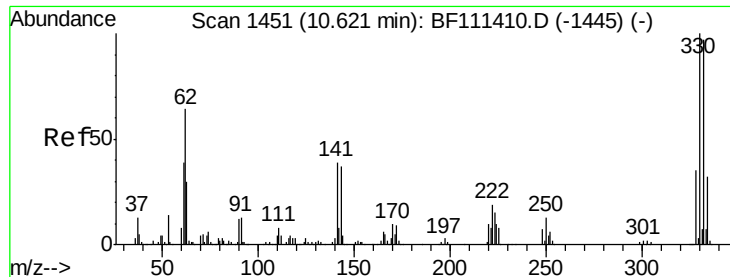
#41
 Hexachlorocyclopentadiene
 Concen: 24.934 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:	237	Resp:	85462
Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.1	83.1
272	11.7	0.0	33.0



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: 122.630 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

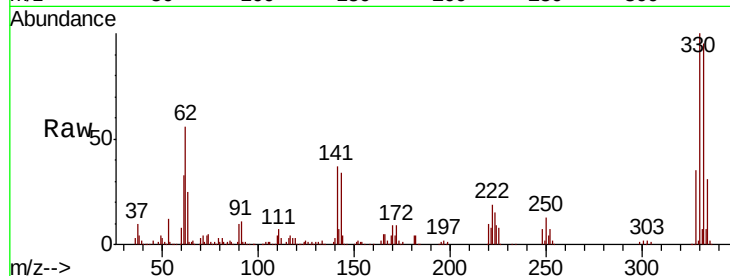
Tgt Ion:330 Resp: 267409

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

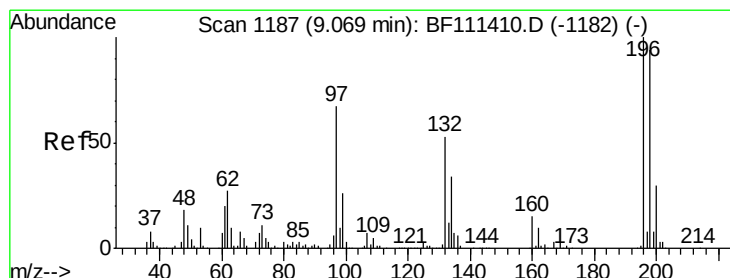
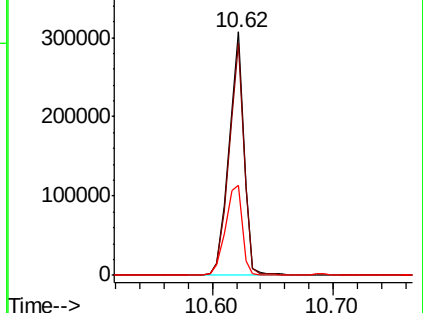
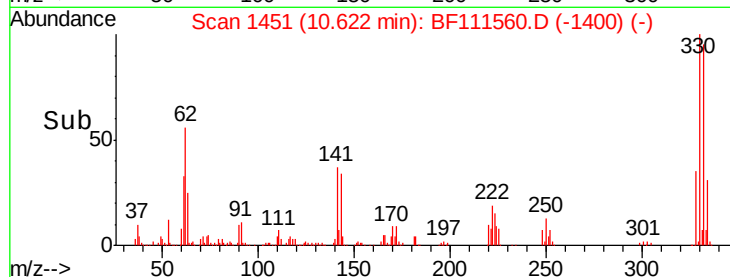
141 41.6 31.0 46.6



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: 39.888 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

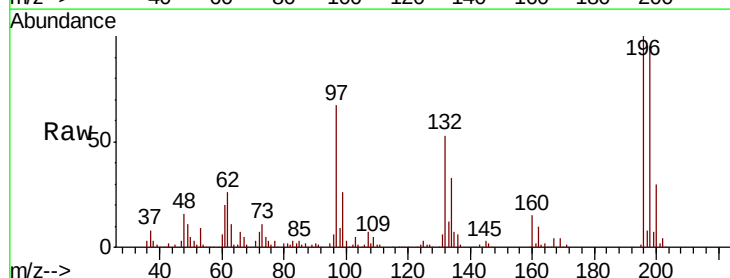
Tgt Ion:196 Resp: 188467

Ion Ratio Lower Upper

196 100

198 94.8 76.3 114.5

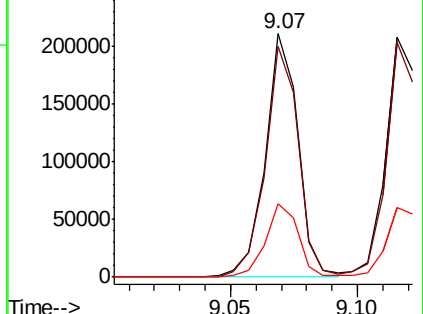
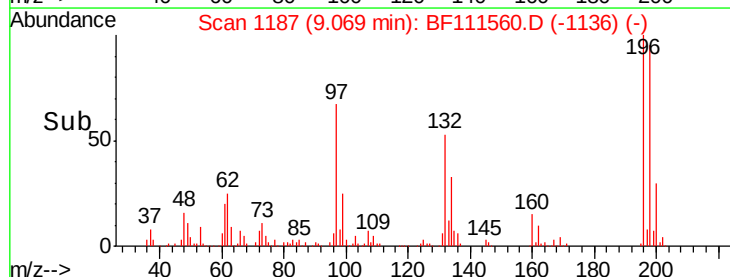
200 30.2 24.9 37.3

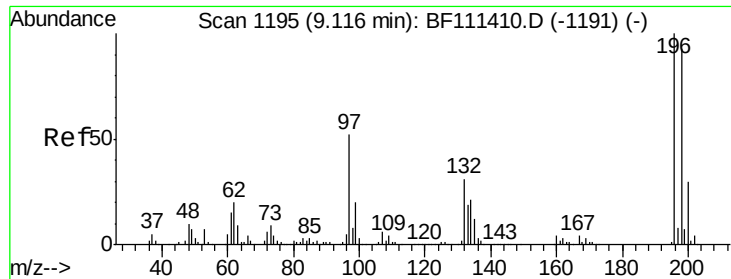


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

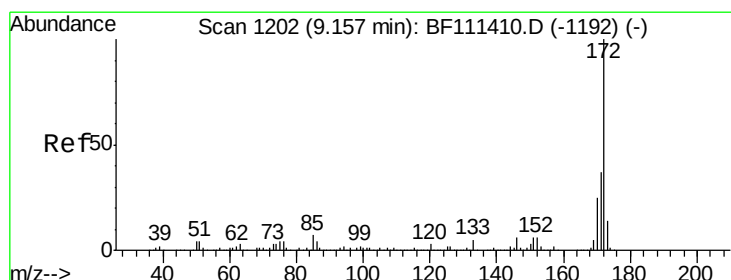
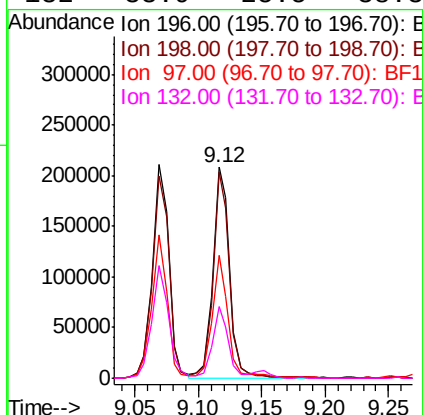
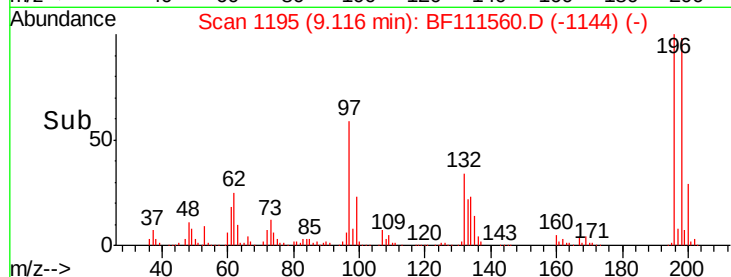
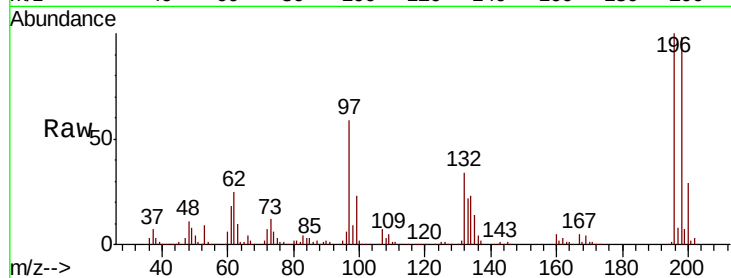




#44
 2,4,5-Trichlorophenol
 Concen: 38.936 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

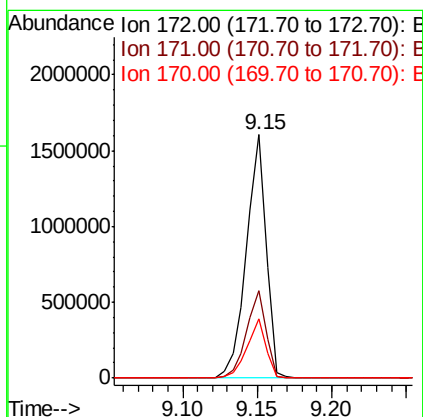
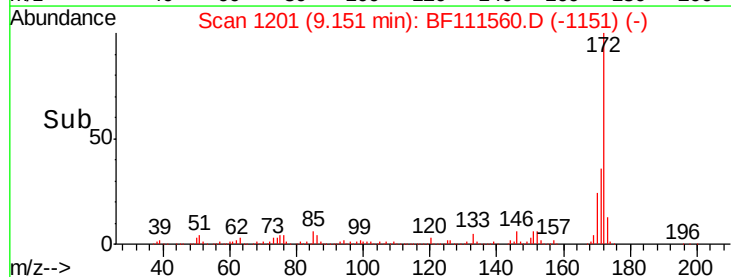
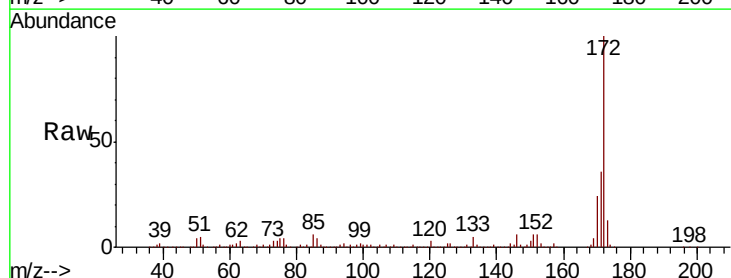
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

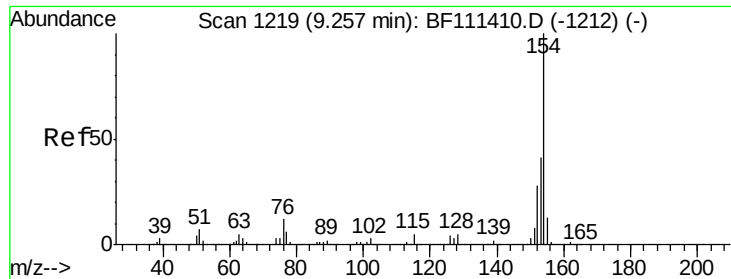
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	72.9	109.3
97	58.5	45.3	67.9
132	33.9	25.5	38.3



#45
 2-Fluorobiphenyl
 Concen: 93.713 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.3	22.3	33.5

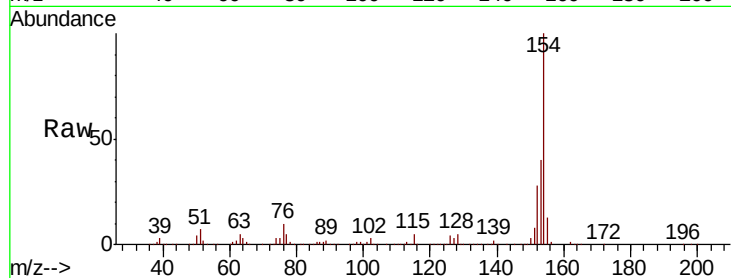




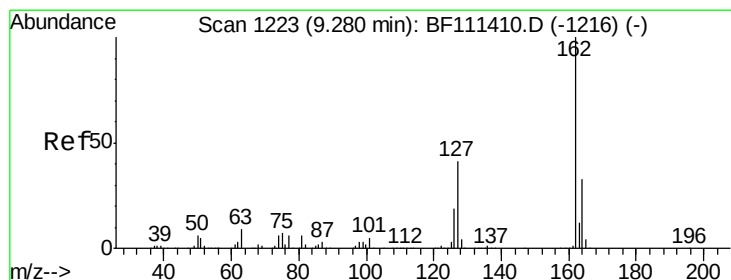
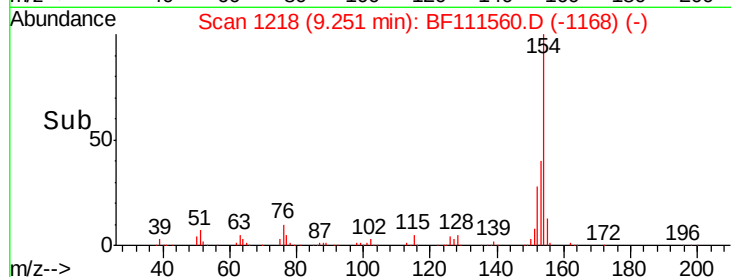
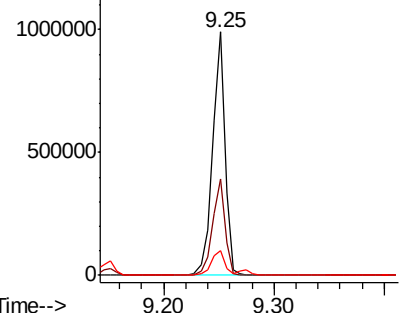
#46
 1,1'-Biphenyl
 Concen: 38.363 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampled :
 TP-6-AMS

Tgt Ion:154 Resp: 791276
 Ion Ratio Lower Upper
 154 100
 153 39.6 23.7 63.7
 76 10.1 0.0 35.0

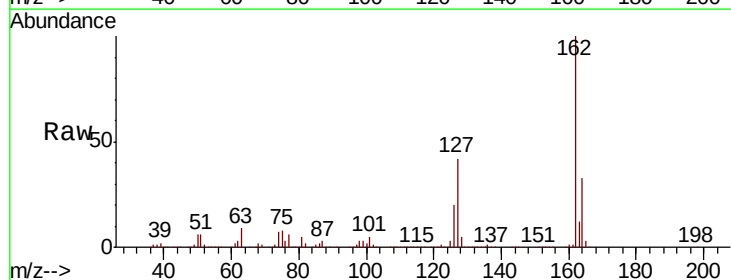


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

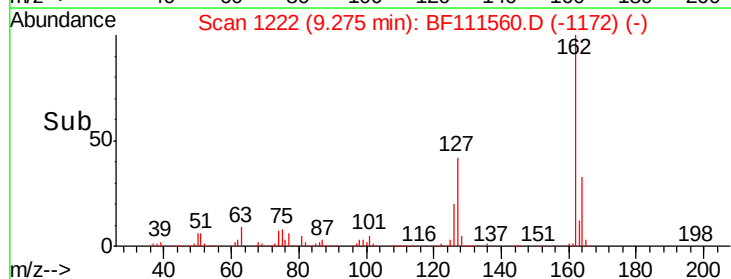
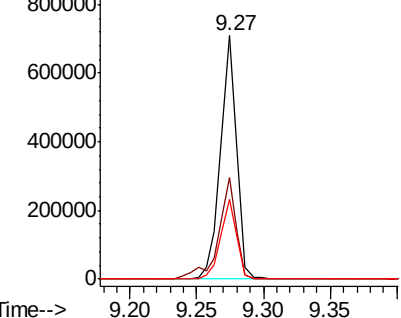


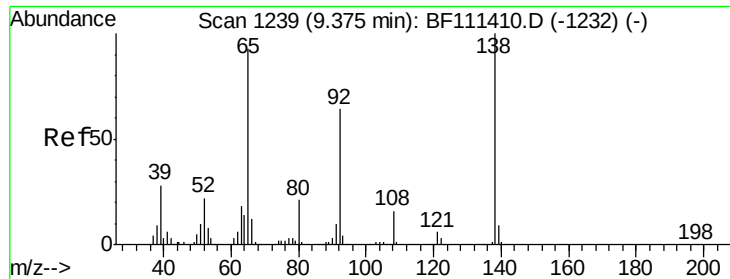
#47
 2-Chloronaphthalene
 Concen: 39.126 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:162 Resp: 613431
 Ion Ratio Lower Upper
 162 100
 127 41.6 35.0 52.4
 164 32.9 28.4 42.6



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

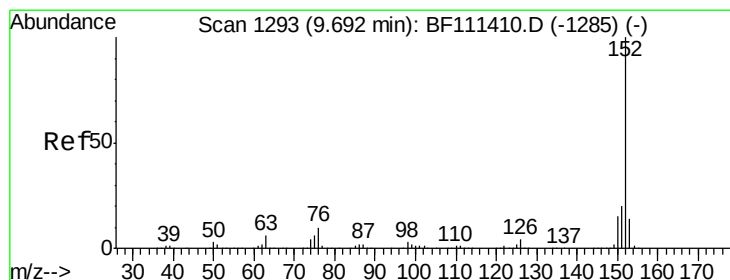
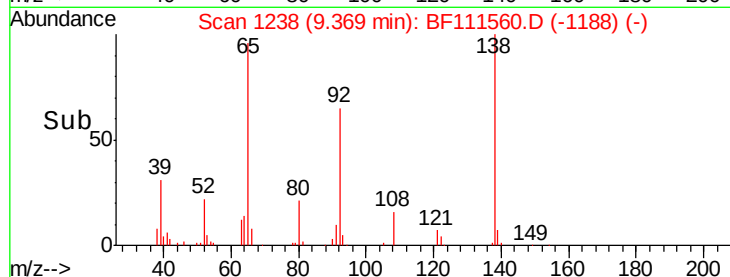
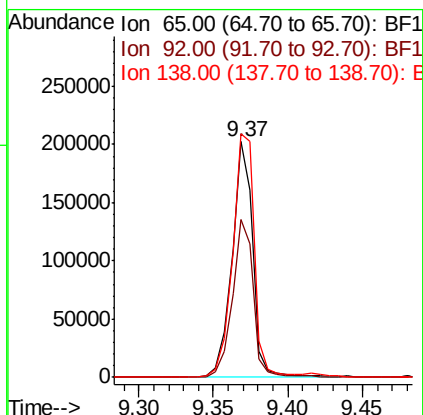
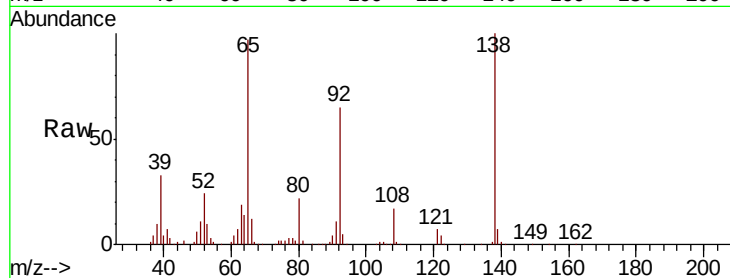




#48
2-Nitroaniline
Concen: 39.203 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

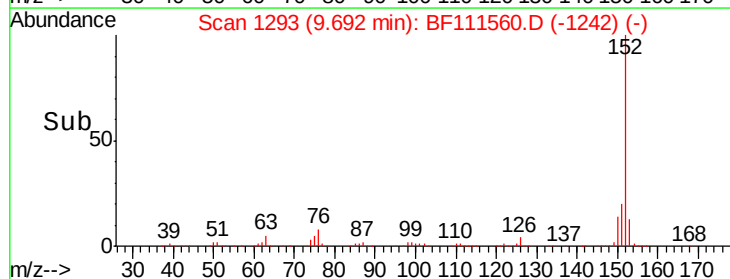
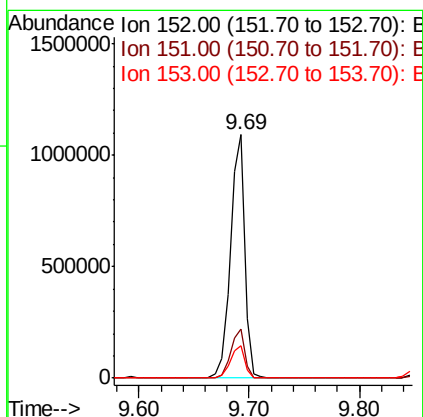
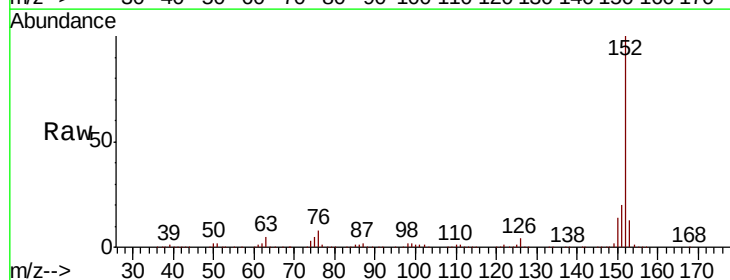
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

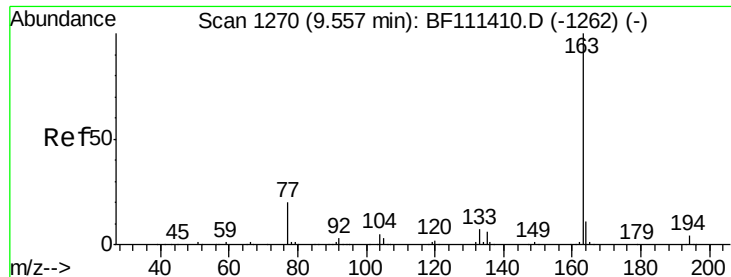
Tgt Ion: 65 Resp: 199568
Ion Ratio Lower Upper
65 100
92 67.2 53.5 80.3
138 103.4 80.9 121.3



#49
Acenaphthylene
Concen: 42.665 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion: 152 Resp: 992913
Ion Ratio Lower Upper
152 100
151 19.9 18.0 27.0
153 13.1 12.3 18.5

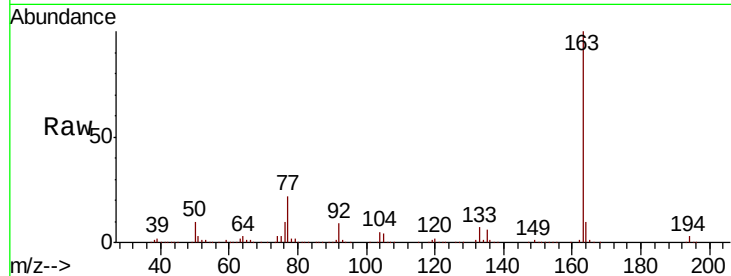




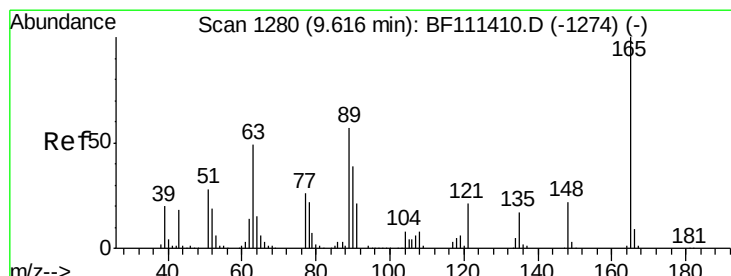
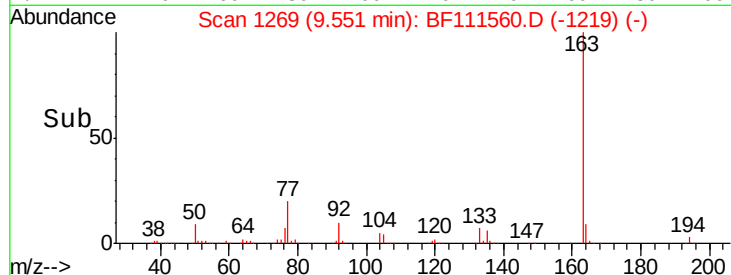
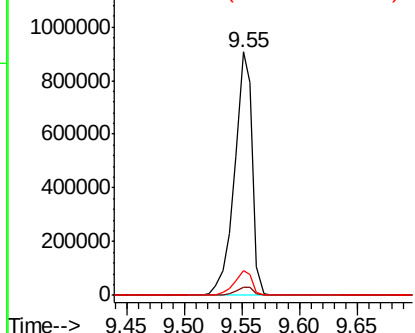
#50
Dimethylphthalate
Concen: 54.583 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion:163 Resp: 956912
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 10.3 8.9 13.3

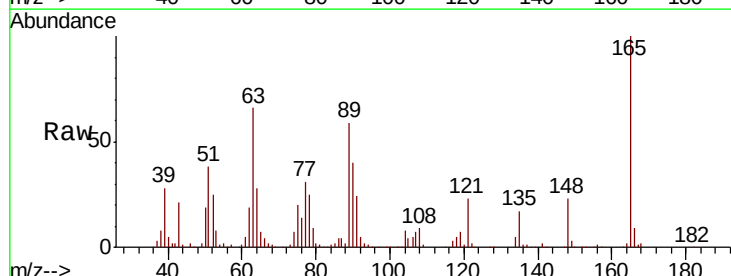


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

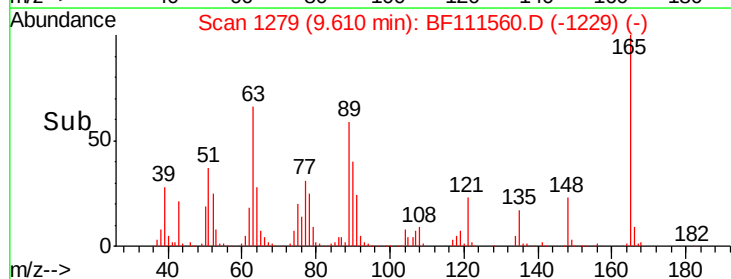
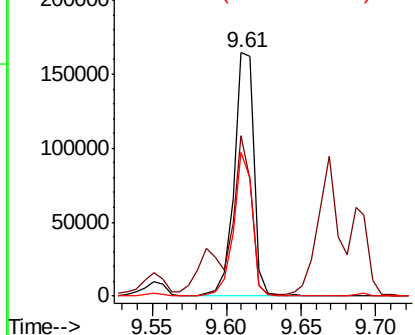


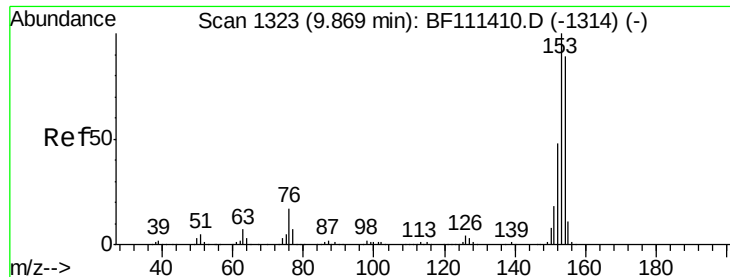
#51
2,6-Dinitrotoluene
Concen: 39.179 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:165 Resp: 154604
Ion Ratio Lower Upper
165 100
63 66.0 40.5 60.7#
89 58.8 40.0 60.0



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





#52

Acenaphthene

Concen: 40.626 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

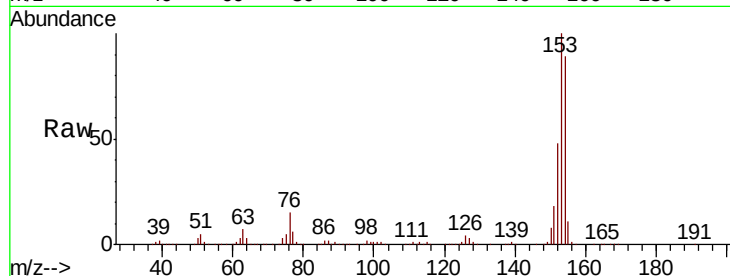
Tgt Ion:154 Resp: 597566

Ion Ratio Lower Upper

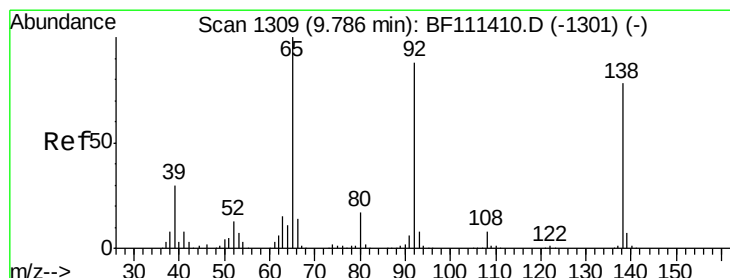
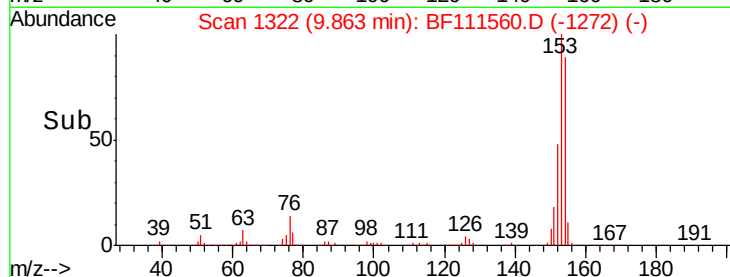
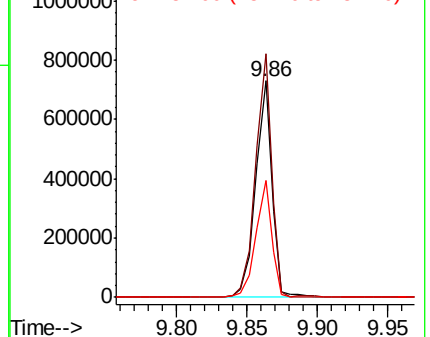
154 100

153 112.6 87.8 131.8

152 54.2 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: 21.819 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

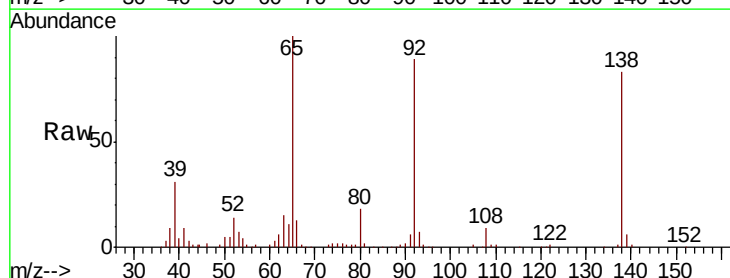
Tgt Ion:138 Resp: 104583

Ion Ratio Lower Upper

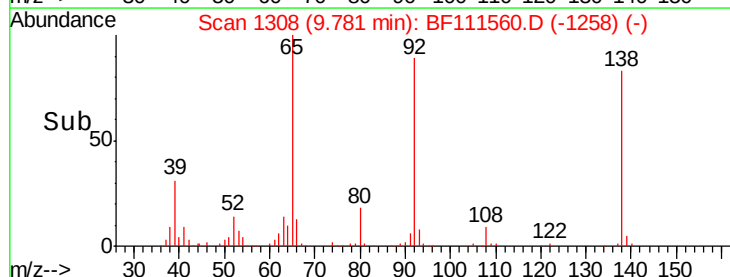
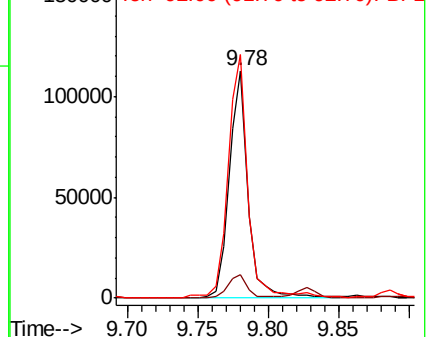
138 100

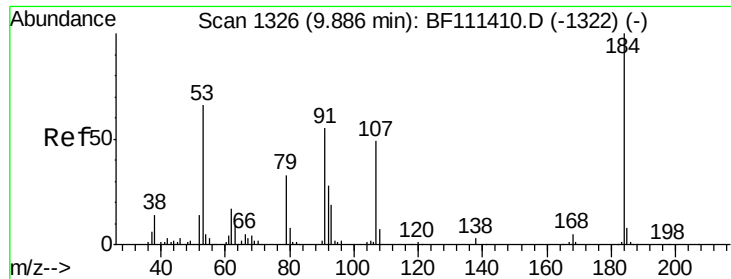
108 10.3 8.2 12.4

92 107.1 93.4 140.2



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

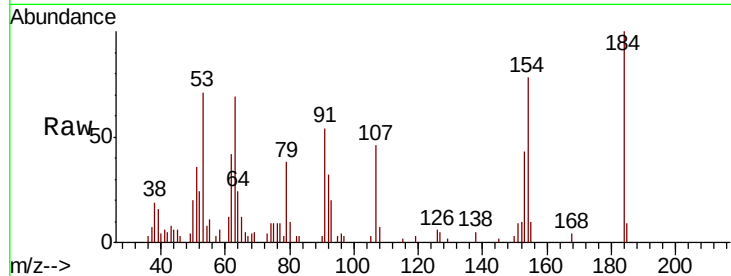




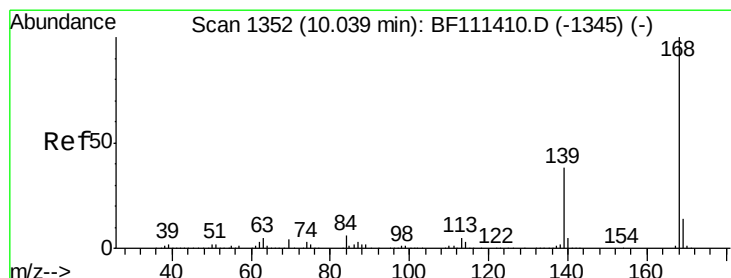
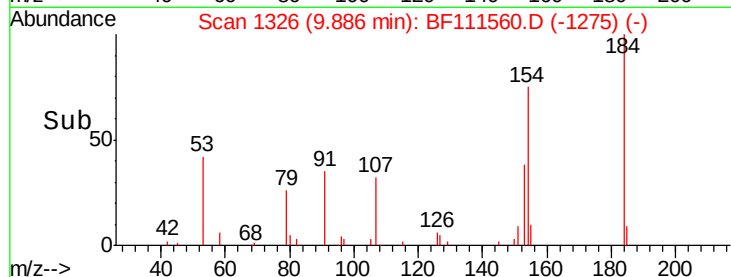
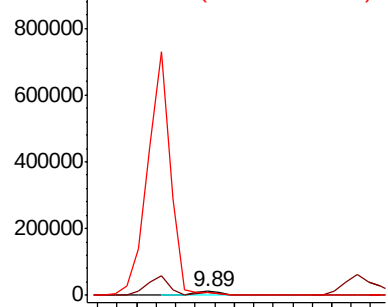
#54
2,4-Dinitrophenol
Concen: 8.441 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion:184 Resp: 12673
Ion Ratio Lower Upper
184 100
63 69.0 62.3 93.5
154 77.9 56.2 84.2

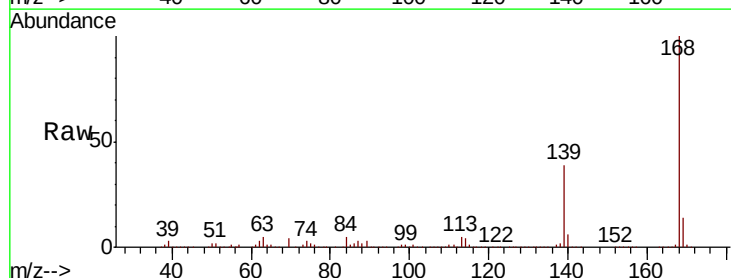


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

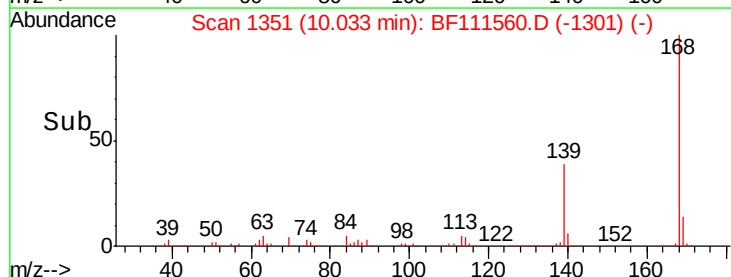
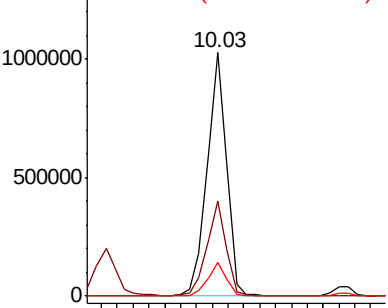


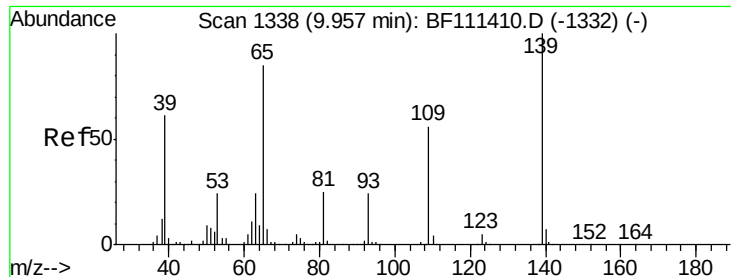
#55
Dibenzofuran
Concen: 41.191 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:168 Resp: 879463
Ion Ratio Lower Upper
168 100
139 39.0 32.6 49.0
169 13.6 11.8 17.6



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

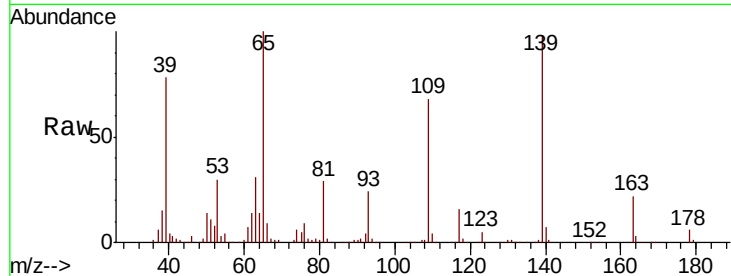




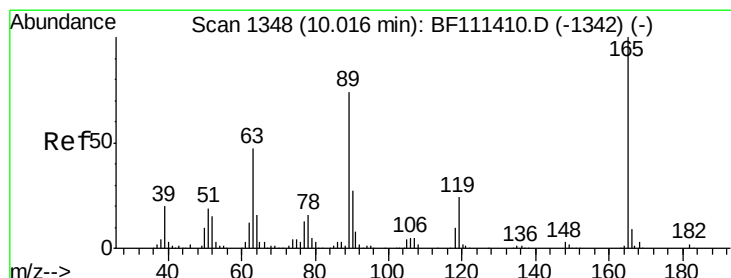
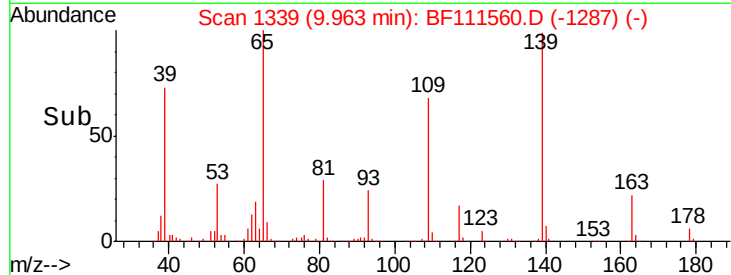
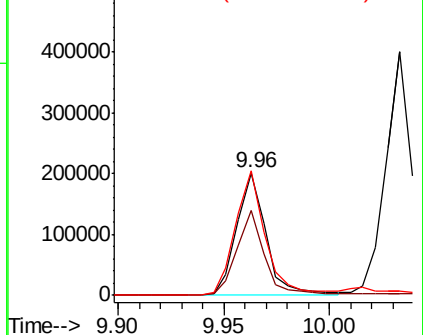
#56
4-Nitrophenol
Concen: 58.672 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

Tgt Ion:139 Resp: 194618
Ion Ratio Lower Upper
139 100
109 69.0 41.8 81.8
65 102.1 79.6 119.6

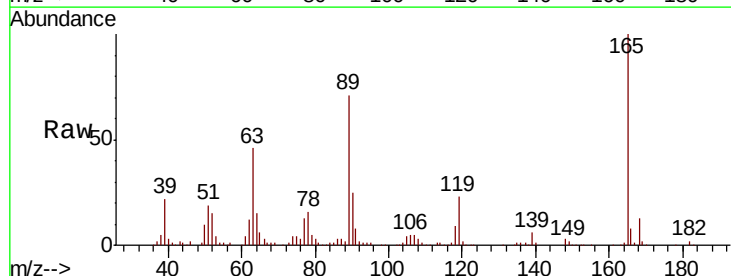


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

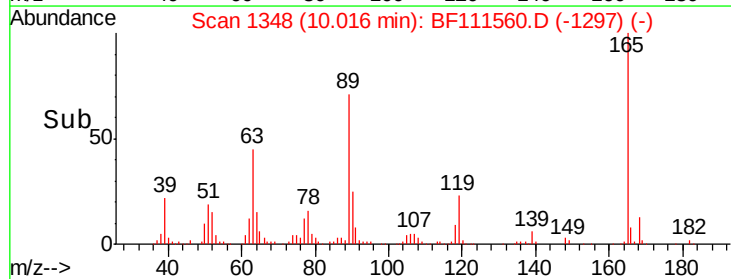
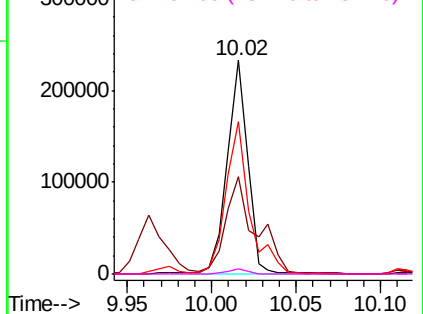


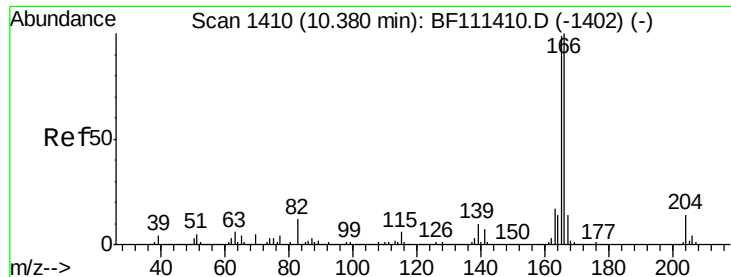
#57
2,4-Dinitrotoluene
Concen: 37.620 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:165 Resp: 194850
Ion Ratio Lower Upper
165 100
63 45.6 34.6 52.0
89 71.2 56.2 84.4
182 2.3 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

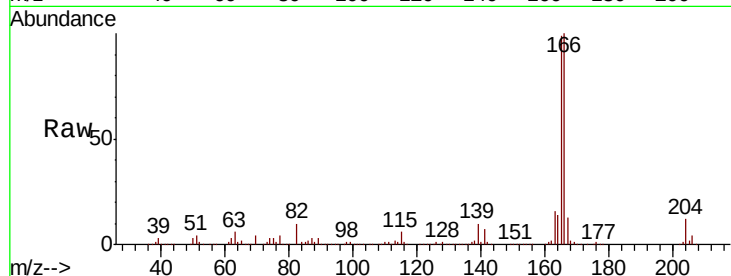




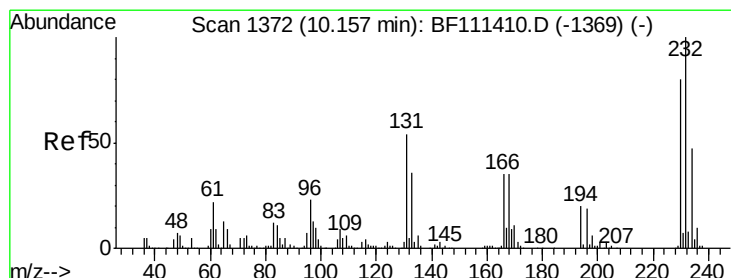
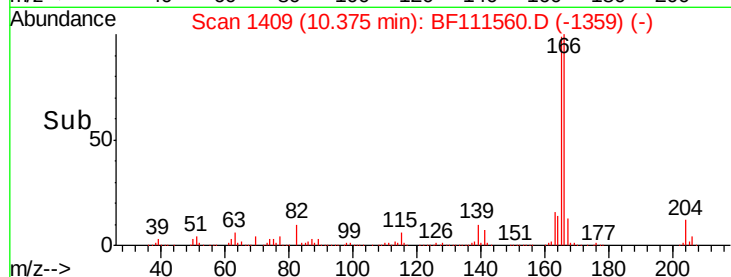
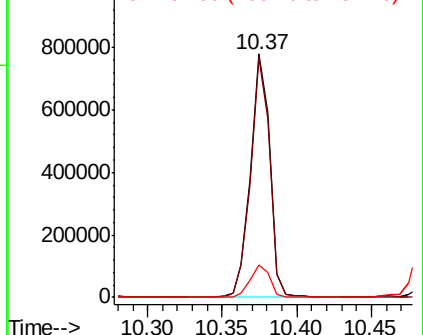
#58
 Fluorene
 Concen: 44.782 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleID :
 TP-6-AMS

Tgt Ion:166 Resp: 693507
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.4 117.6
 167 13.4 11.2 16.8

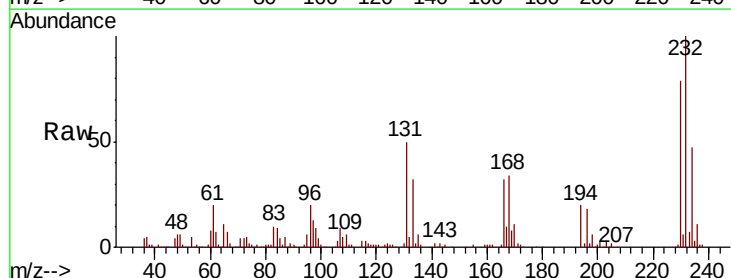


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

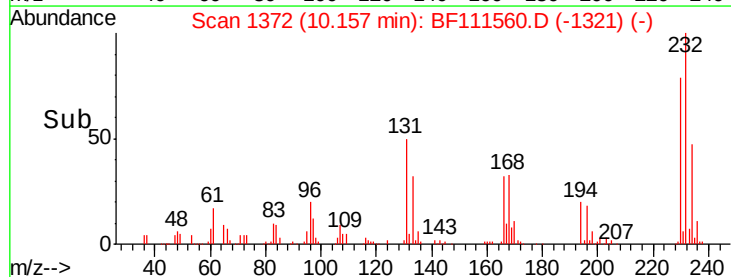
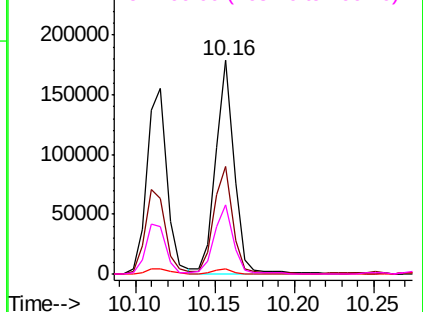


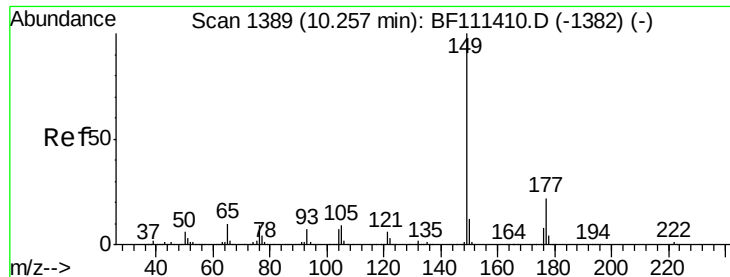
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.010 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:232 Resp: 145387
 Ion Ratio Lower Upper
 232 100
 131 51.6 40.9 61.3
 130 2.5 2.0 3.0
 166 33.6 26.8 40.2



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

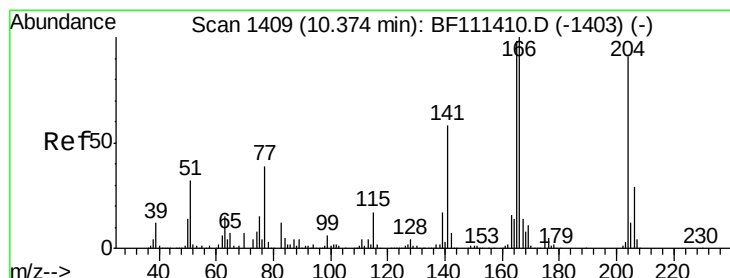
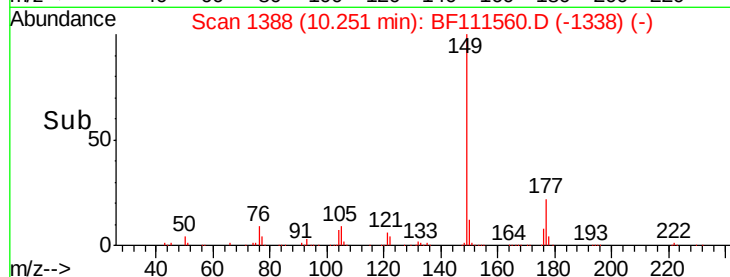
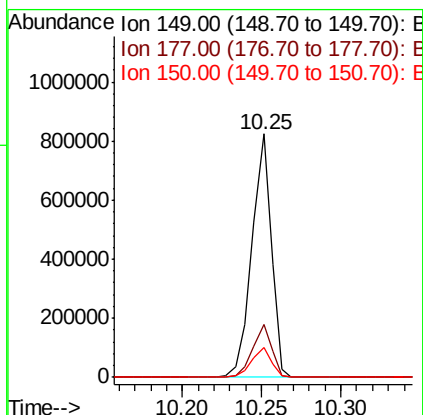
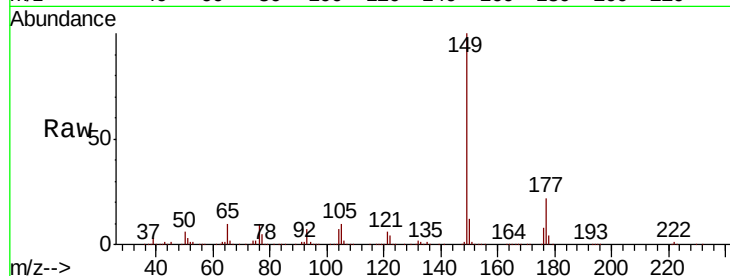




#60
Diethylphthalate
Concen: 39.626 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

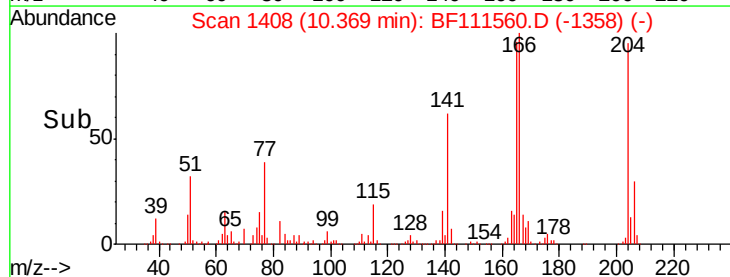
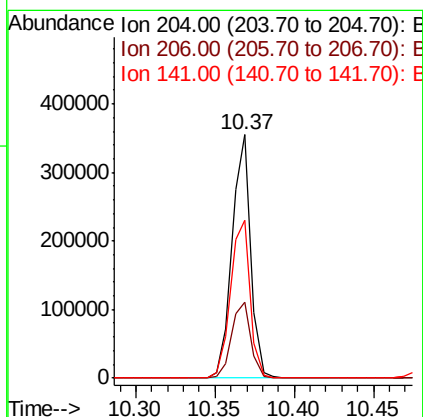
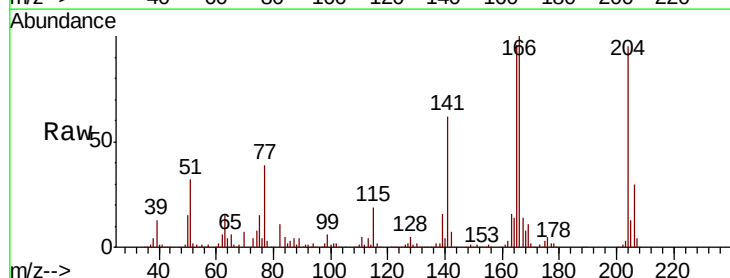
Instrument :
BNA_F
ClientSampled :
TP-6-AMS

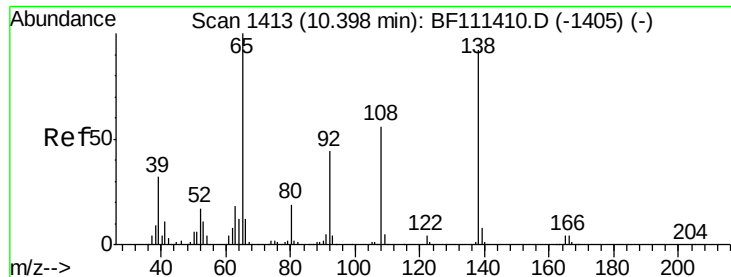
Tgt Ion:149 Resp: 703699
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 12.5 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 38.179 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:204 Resp: 289273
Ion Ratio Lower Upper
204 100
206 31.4 26.6 39.8
141 64.6 52.6 78.8





#62

4-Nitroaniline

Concen: 30.060 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

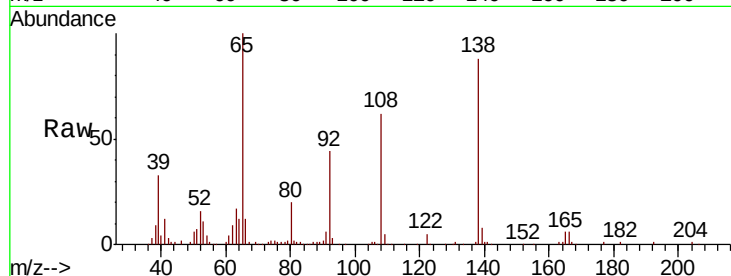
Tgt Ion: 138 Resp: 142630

Ion Ratio Lower Upper

138 100

92 50.1 29.9 69.9

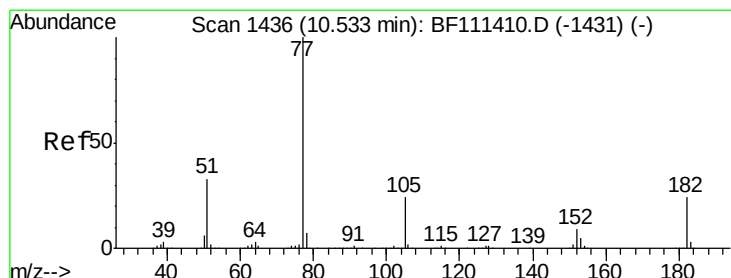
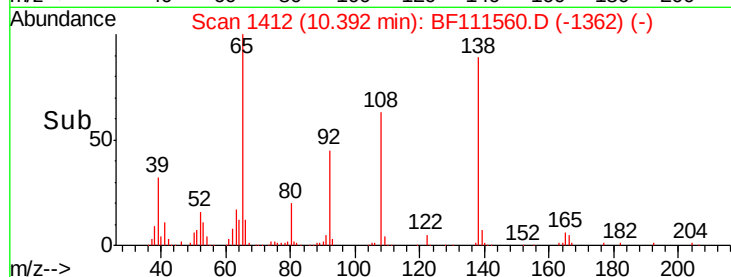
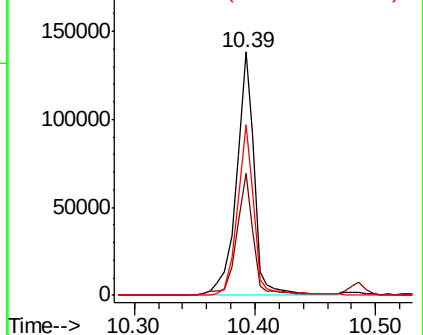
108 70.3 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 36.562 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Tgt Ion: 77 Resp: 640088

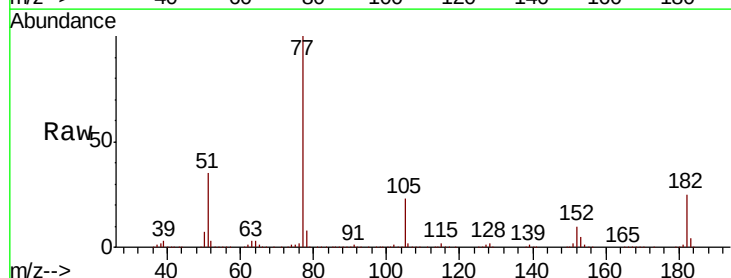
Ion Ratio Lower Upper

77 100

182 25.4 4.9 44.9

105 22.9 6.0 46.0

51 34.7 14.7 54.7

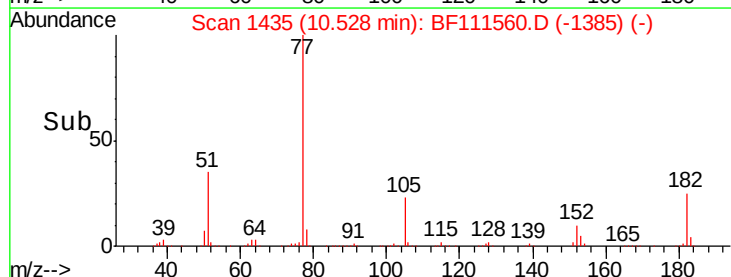
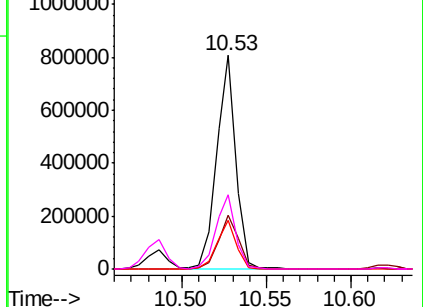


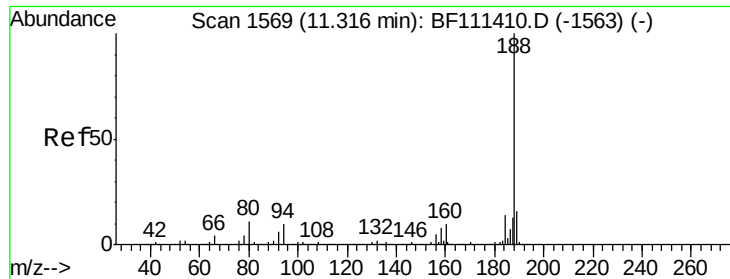
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

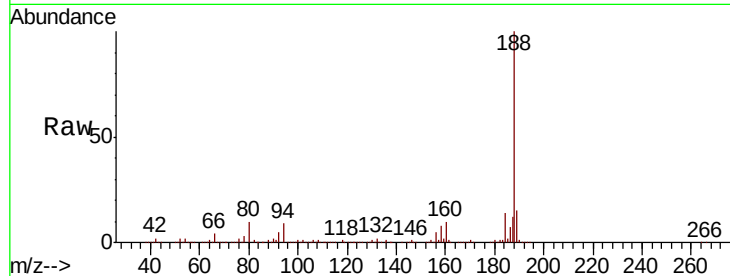
Tgt Ion:188 Resp: 367125

Ion Ratio Lower Upper

188 100

94 9.3 9.6 14.4#

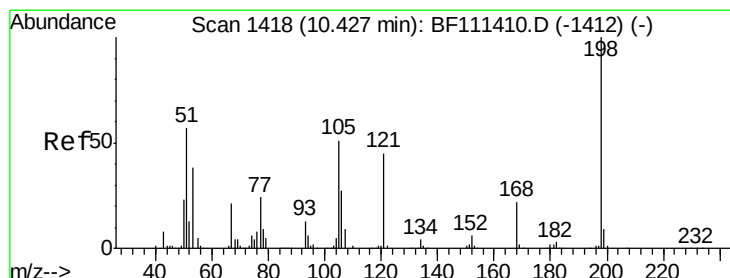
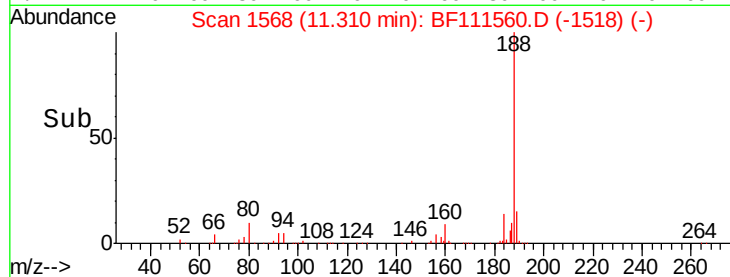
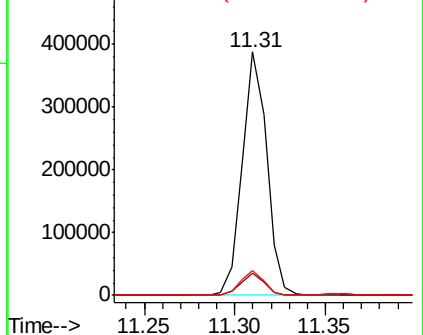
80 10.1 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.123 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

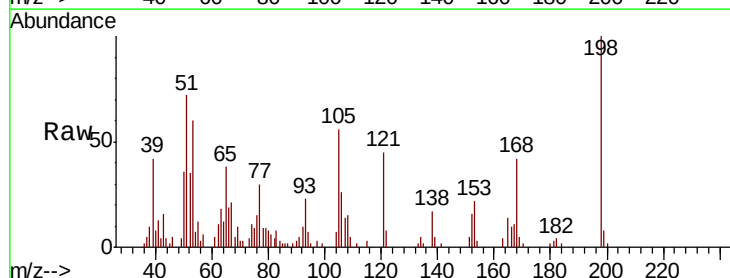
Tgt Ion:198 Resp: 16836

Ion Ratio Lower Upper

198 100

51 72.2 48.0 88.0

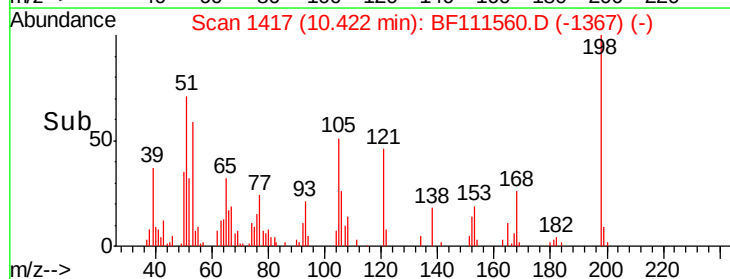
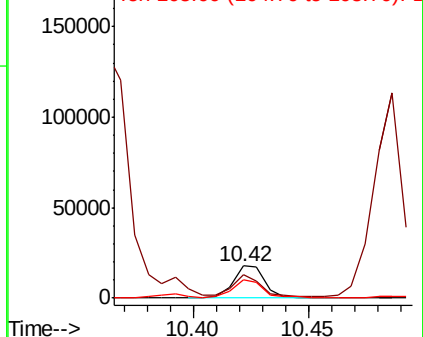
105 56.2 34.0 74.0

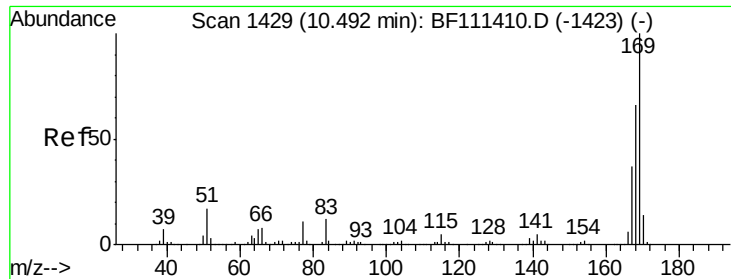


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

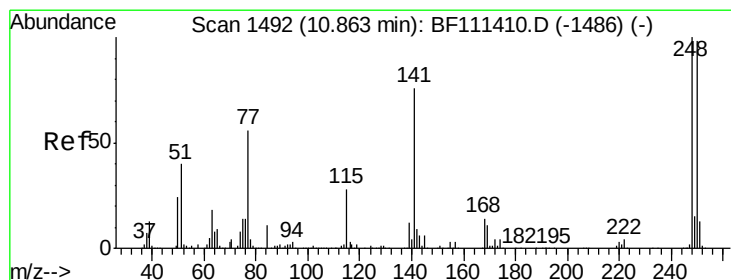
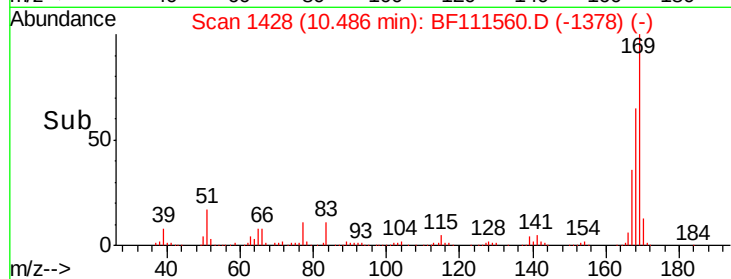
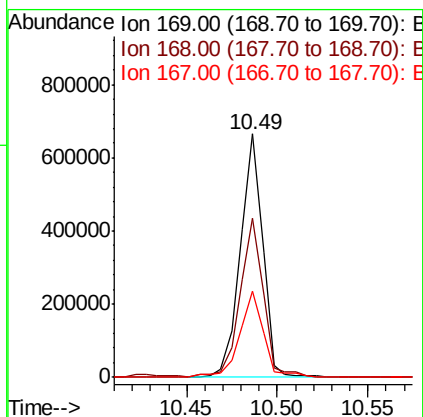
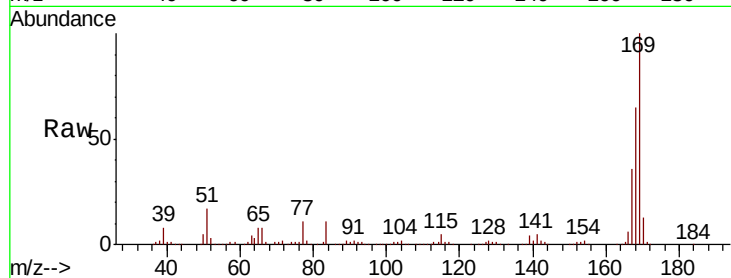




#66
n-Nitrosodiphenylamine
Concen: 45.083 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

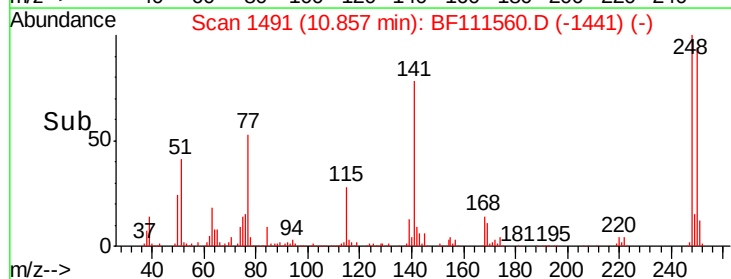
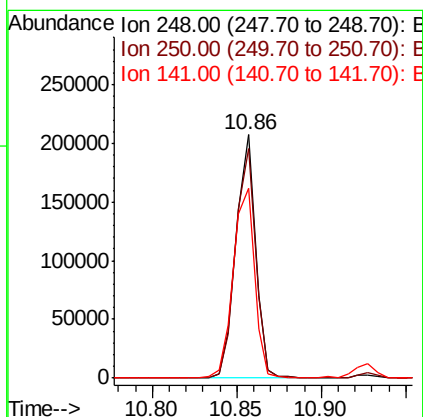
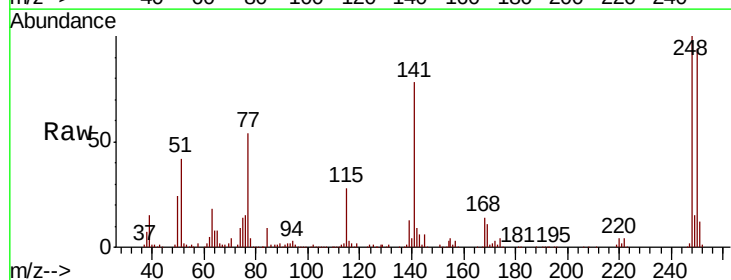
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

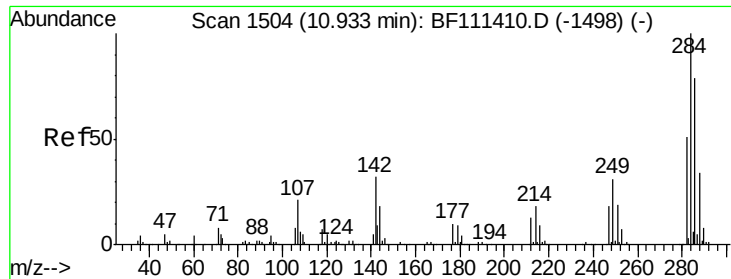
Tgt Ion:169 Resp: 570763
Ion Ratio Lower Upper
169 100
168 65.4 54.4 81.6
167 35.6 30.5 45.7



#67
4-Bromophenyl-phenylether
Concen: 42.517 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:248 Resp: 168232
Ion Ratio Lower Upper
248 100
250 94.4 77.0 115.4
141 78.0 63.0 94.6

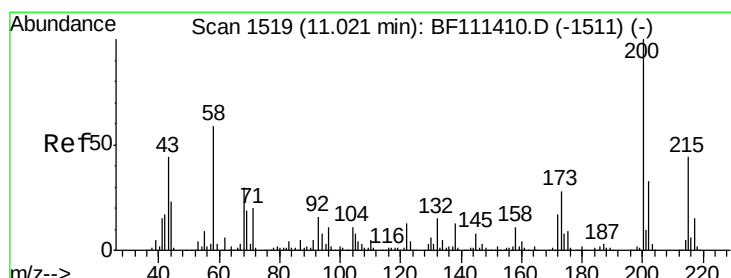
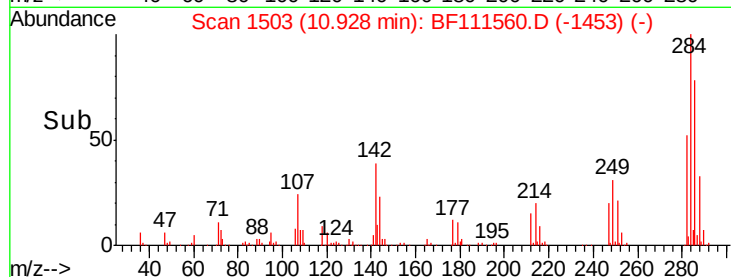
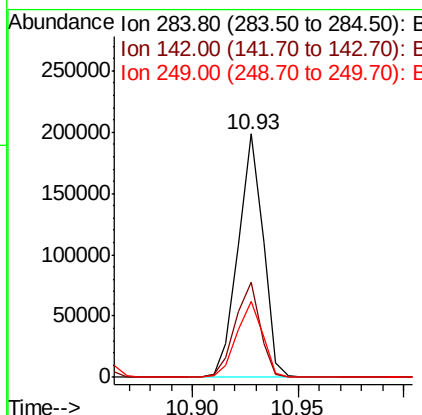
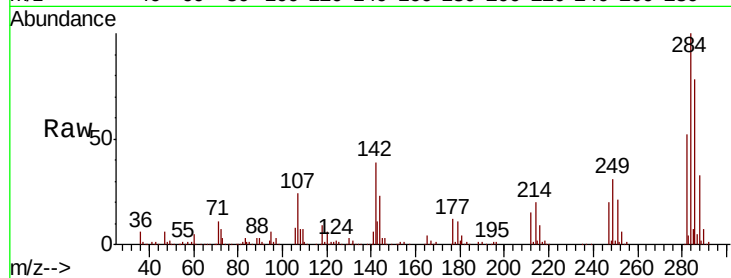




#68
Hexachlorobenzene
Concen: 39.976 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

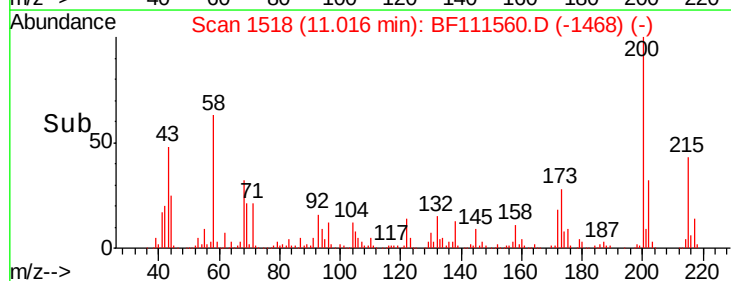
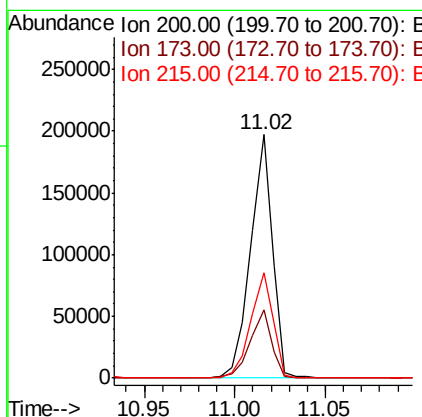
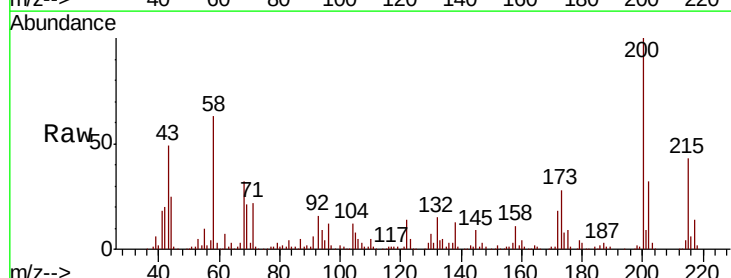
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

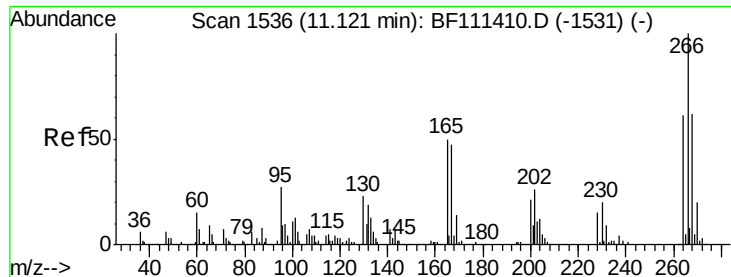
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.4	41.2
249	30.9	24.4	36.6



#69
Atrazine
Concen: 45.355 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	10.1	50.1
215	43.4	26.9	66.9

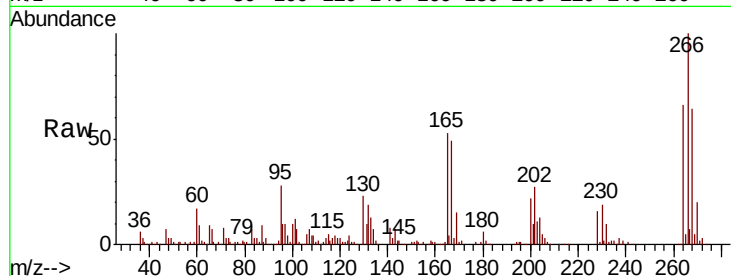




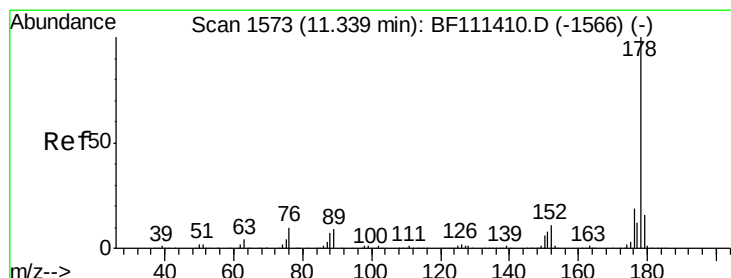
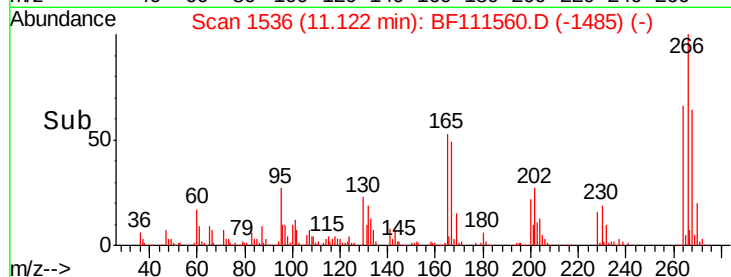
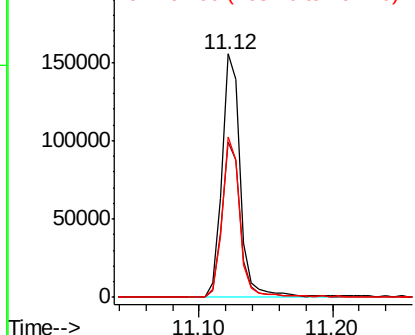
#70
 Pentachlorophenol
 Concen: 61.289 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

Tgt Ion: 266 Resp: 153006
 Ion Ratio Lower Upper
 266 100
 268 63.8 47.9 71.9
 264 65.9 49.1 73.7

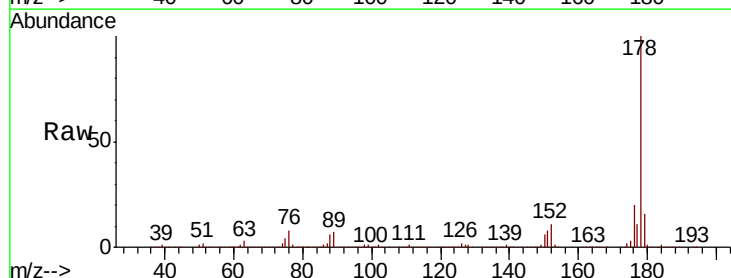


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

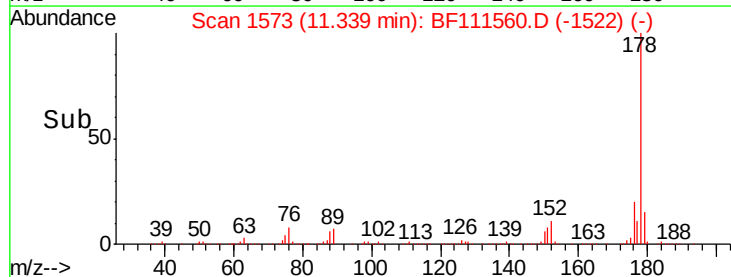
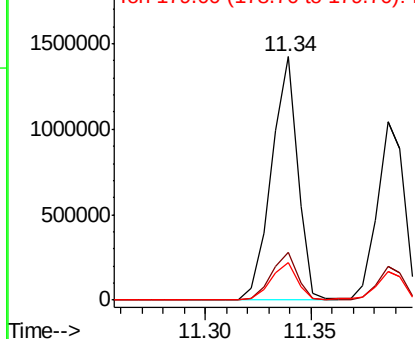


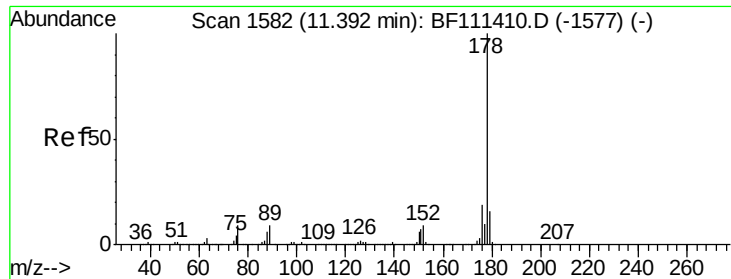
#71
 Phenanthrene
 Concen: 65.269 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion: 178 Resp: 1234706
 Ion Ratio Lower Upper
 178 100
 176 19.5 18.1 27.1
 179 15.7 14.0 21.0



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: 48.696 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

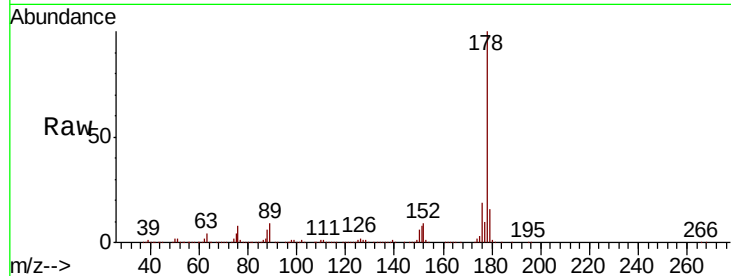
Tgt Ion:178 Resp: 942092

Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

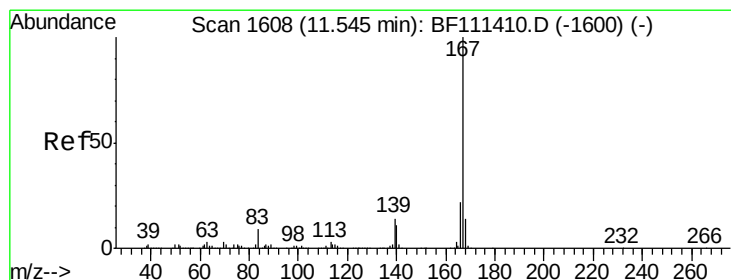
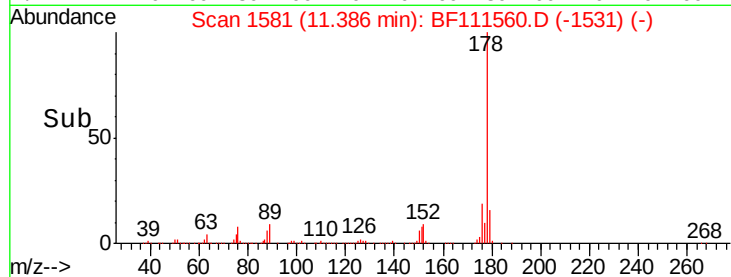
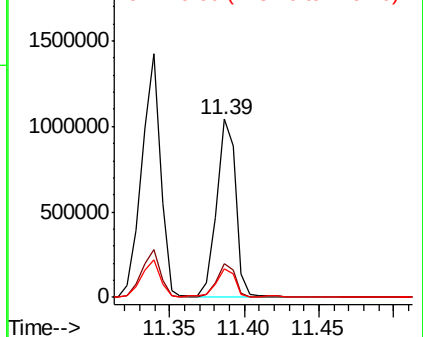
179 15.7 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 37.958 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

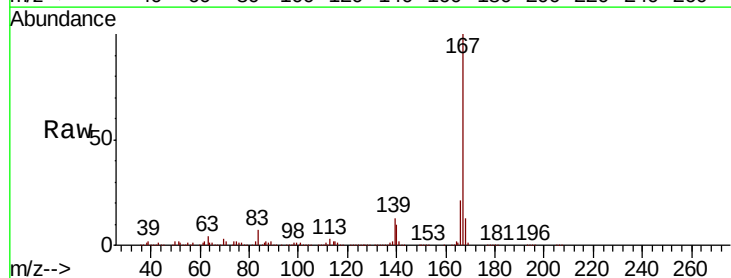
Tgt Ion:167 Resp: 759379

Ion Ratio Lower Upper

167 100

166 20.9 19.3 28.9

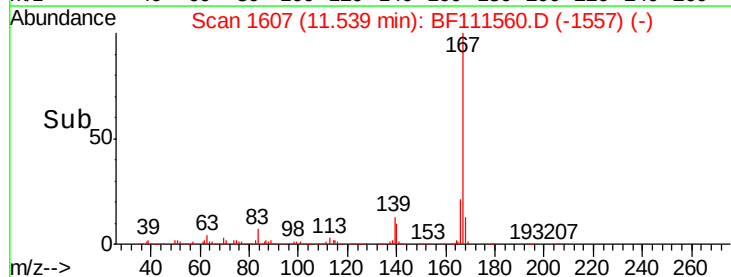
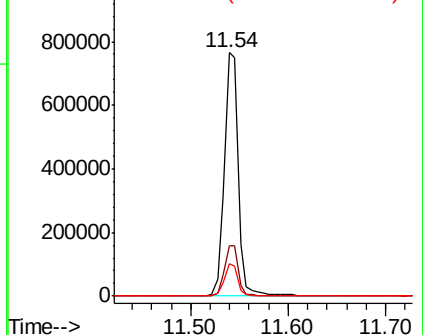
139 13.3 11.9 17.9

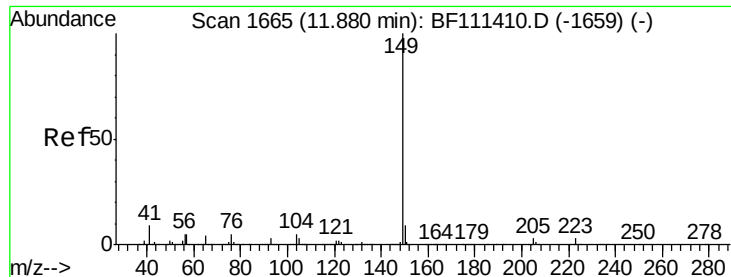


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 44.444 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

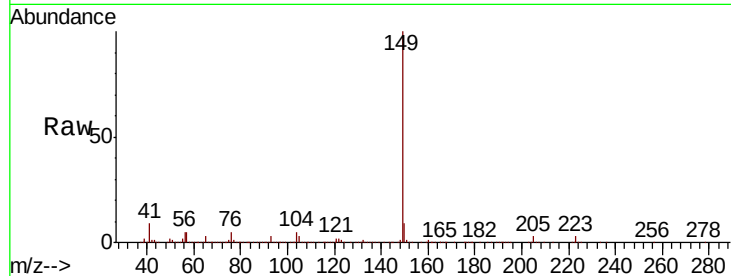
Tgt Ion:149 Resp: 990242

Ion Ratio Lower Upper

149 100

150 8.9 8.8 13.2

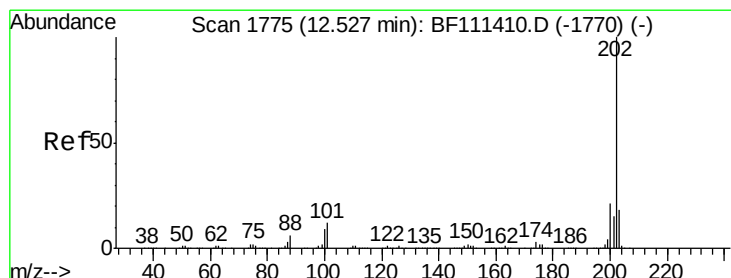
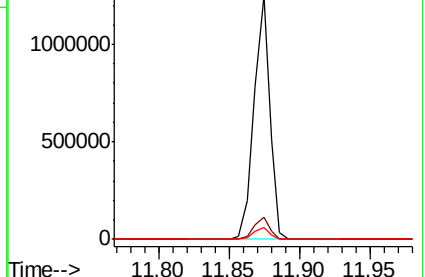
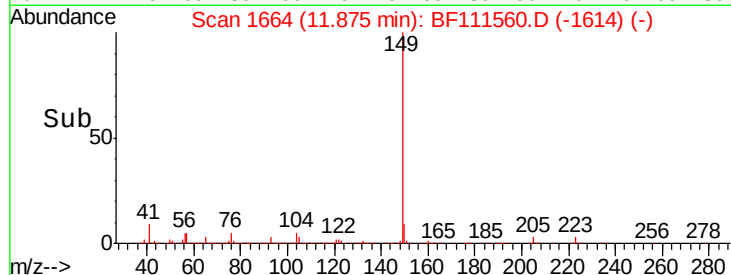
104 4.6 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 57.665 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

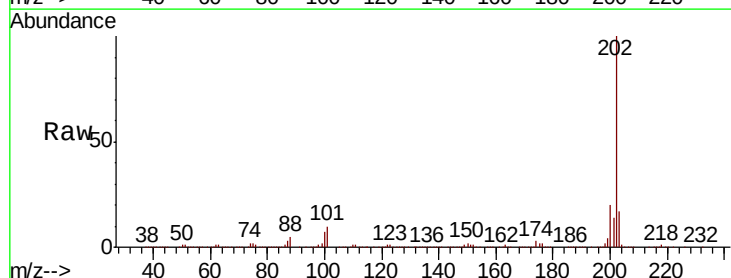
Tgt Ion:202 Resp: 1067190

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.8

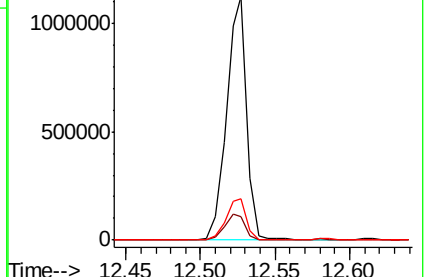
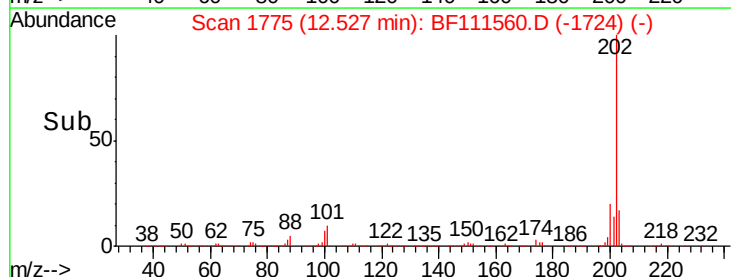
203 16.9 0.0 38.6

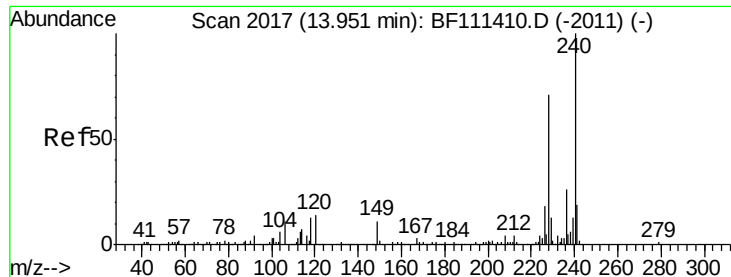


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

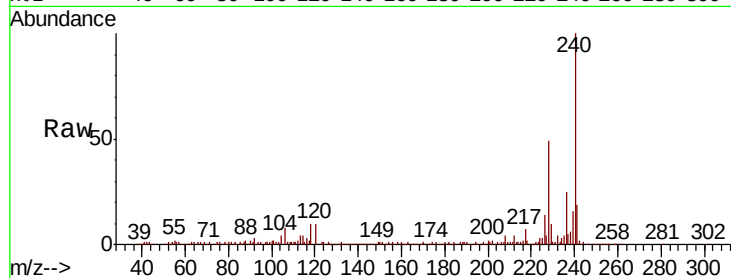
Tgt Ion:240 Resp: 237954

Ion Ratio Lower Upper

240 100

120 10.2 12.2 18.2#

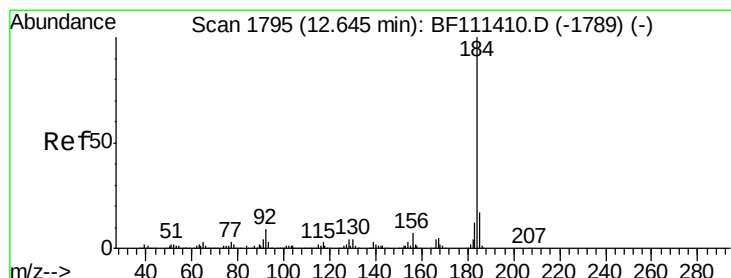
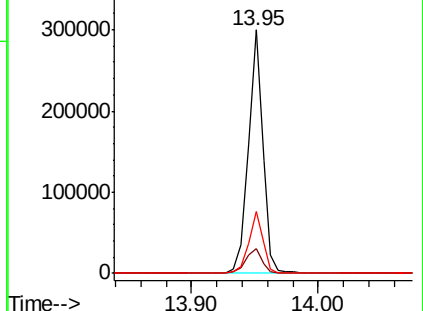
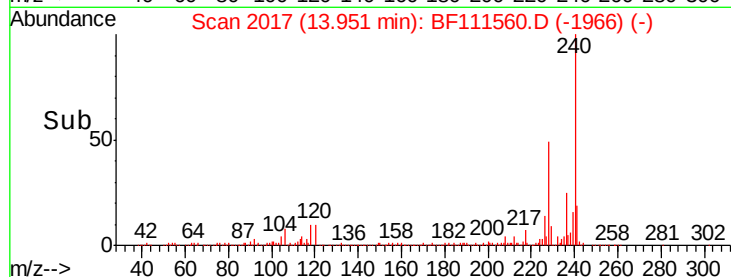
236 25.4 20.2 30.2



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: 30.428 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

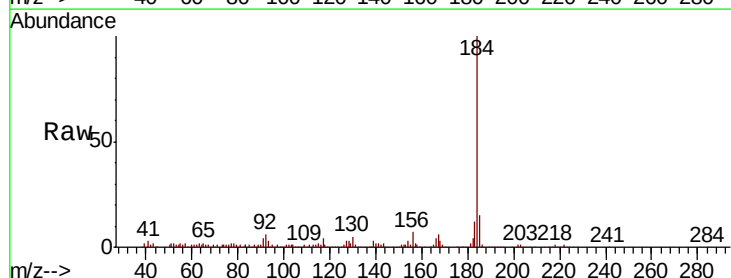
Tgt Ion:184 Resp: 266158

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

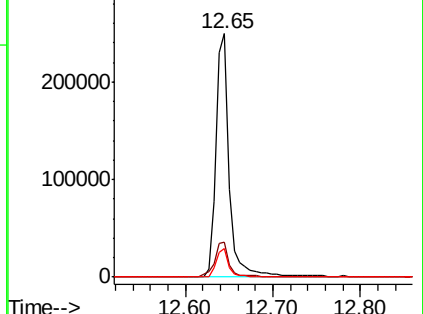
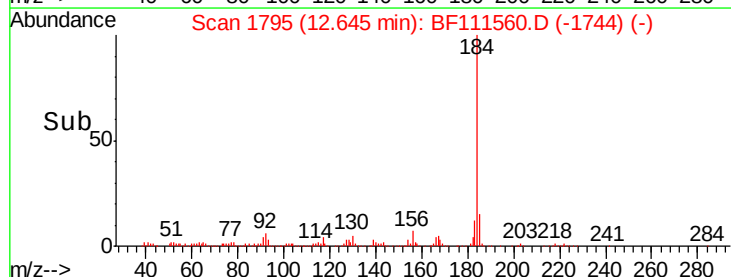
183 11.8 9.3 13.9

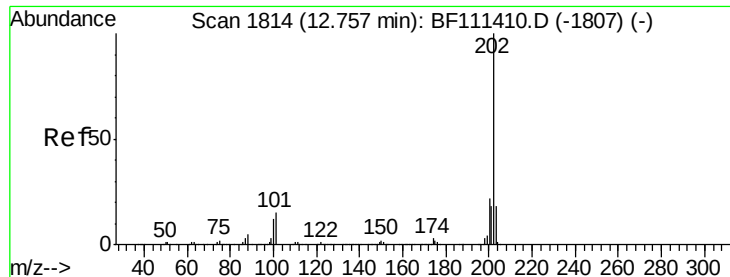


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

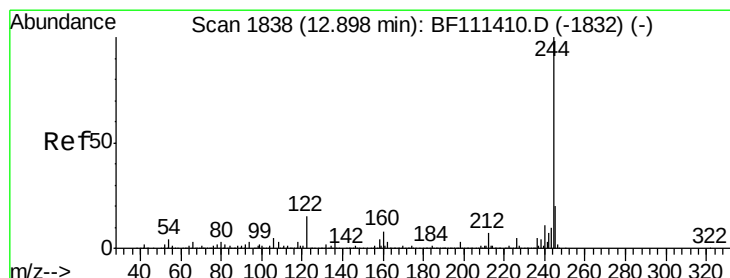
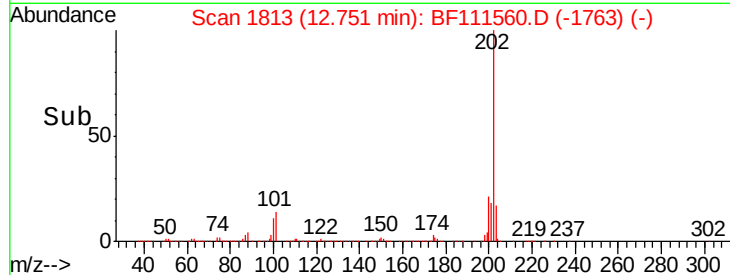
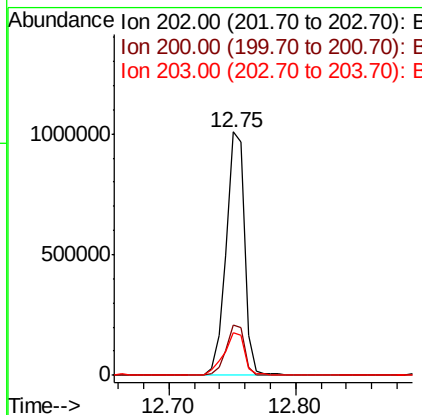
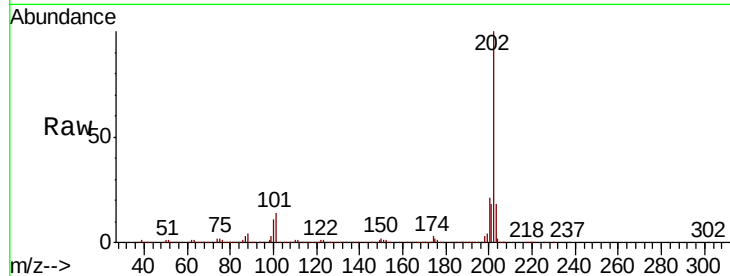




#78
 Pyrene
 Concen: 60.326 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

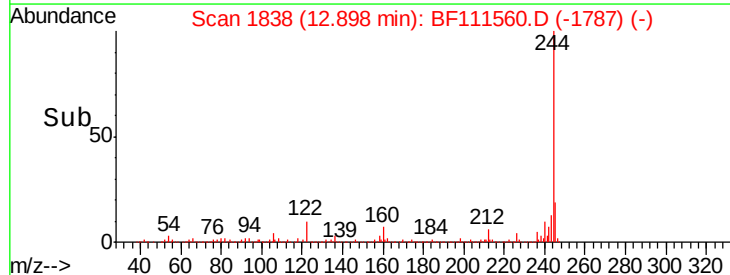
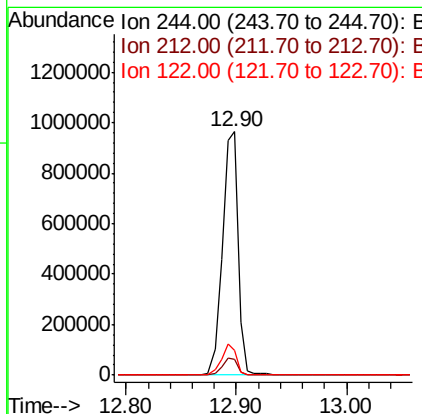
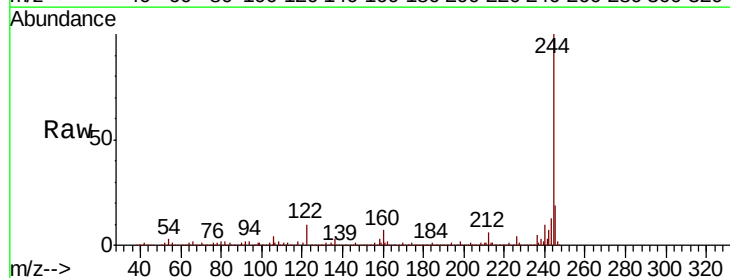
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

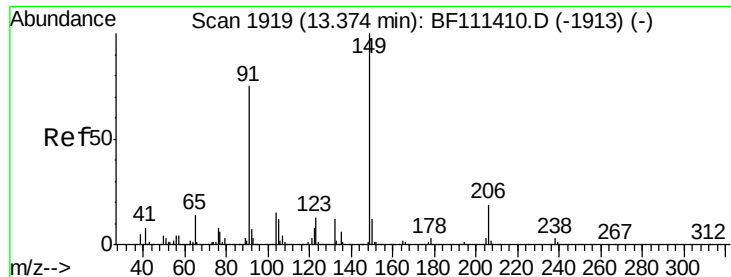
Tgt Ion:202 Resp: 1012068
 Ion Ratio Lower Upper
 202 100
 200 20.9 19.0 28.4
 203 17.7 15.2 22.8



#79
 Terphenyl-d14
 Concen: 94.797 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion:244 Resp: 960603
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 10.3 13.1 19.7#

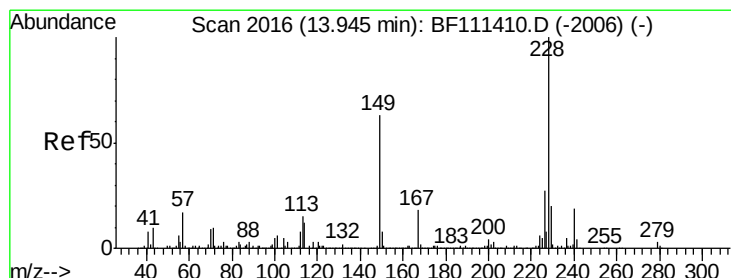
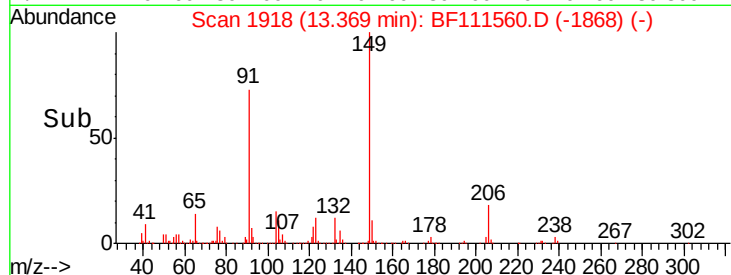
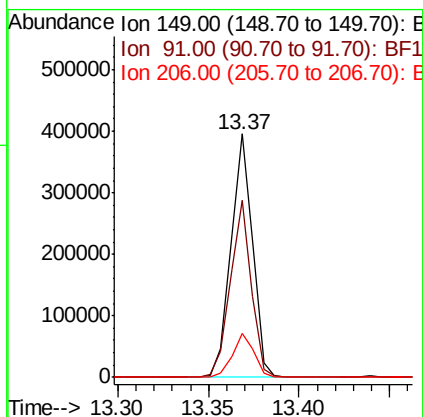
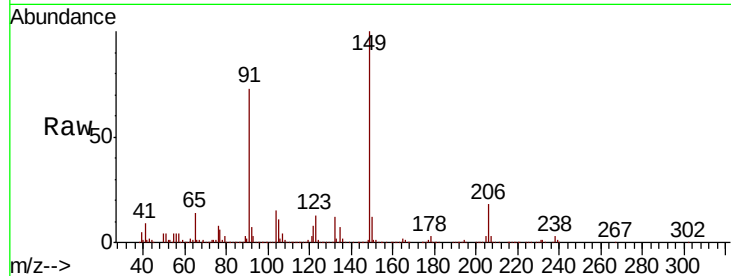




#80
Butylbenzylphthalate
Concen: 39.907 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

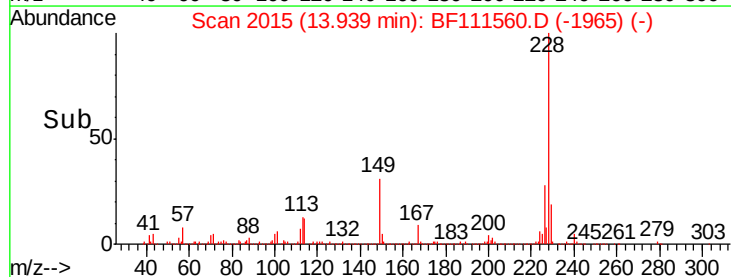
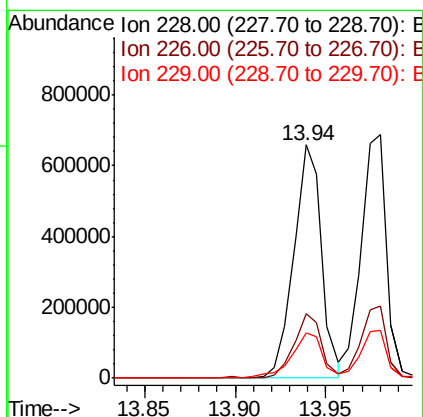
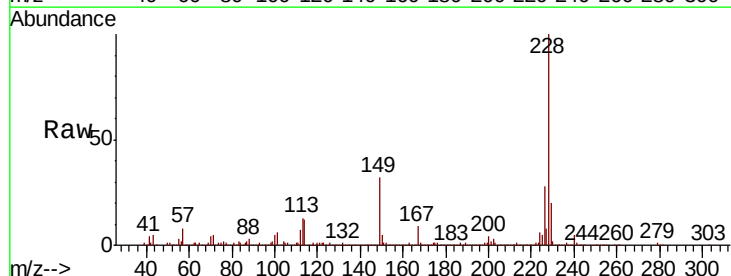
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

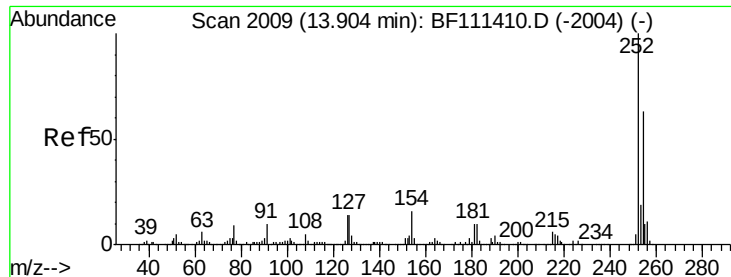
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	63.8	95.6
206	18.1	15.1	22.7



#81
Benzo(a)anthracene
Concen: 54.756 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	19.6	16.3	24.5

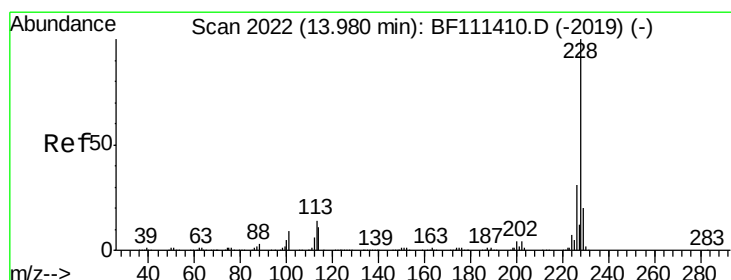
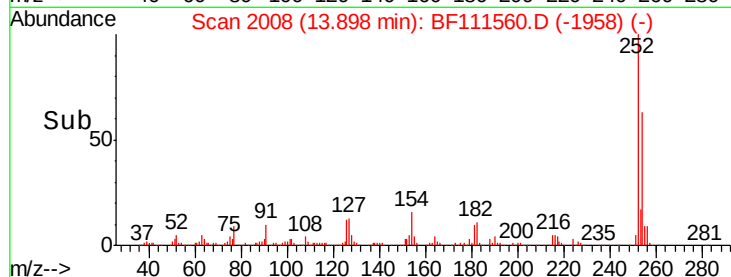
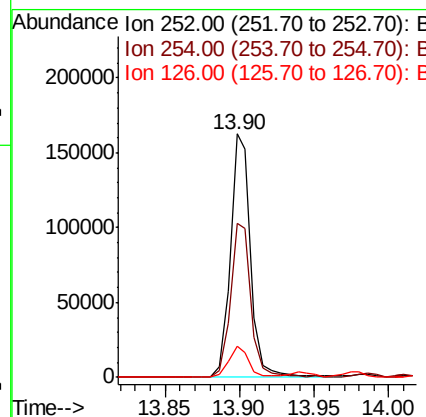
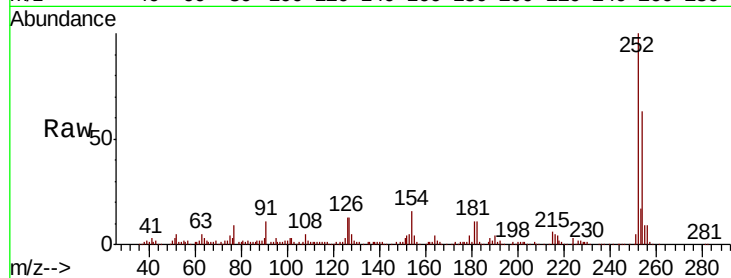




#82
 3,3'-Dichlorobenzidine
 Concen: 29.831 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

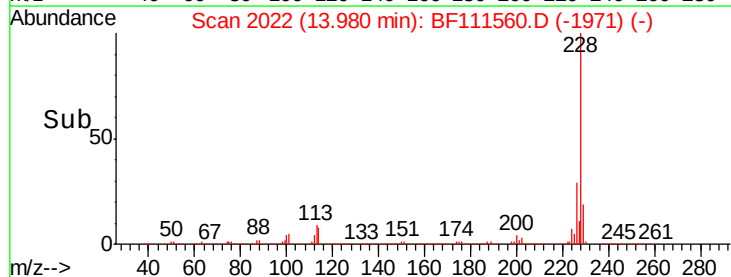
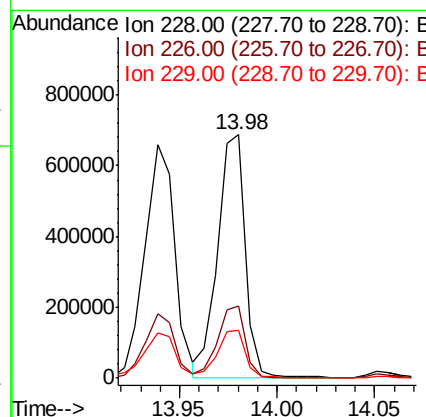
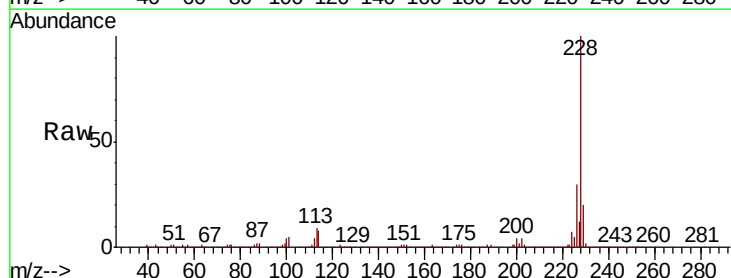
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-AMS

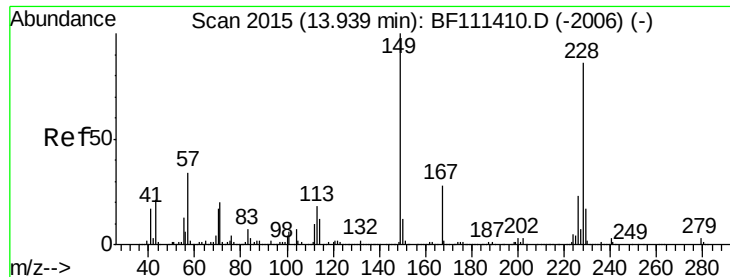
Tgt Ion: 252 Resp: 156907
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.7 79.1
 126 12.6 11.1 16.7



#83
 Chrysene
 Concen: 49.482 ng
 RT: 13.98 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF111560.D
 Acq: 18 Dec 2018 1:03

Tgt Ion: 228 Resp: 674442
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.3 37.9
 229 19.7 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.419 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

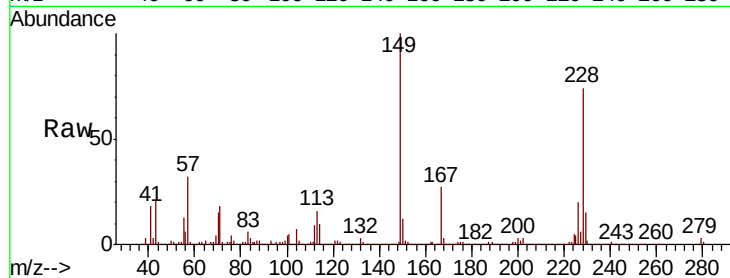
Tgt Ion:149 Resp: 443047

Ion Ratio Lower Upper

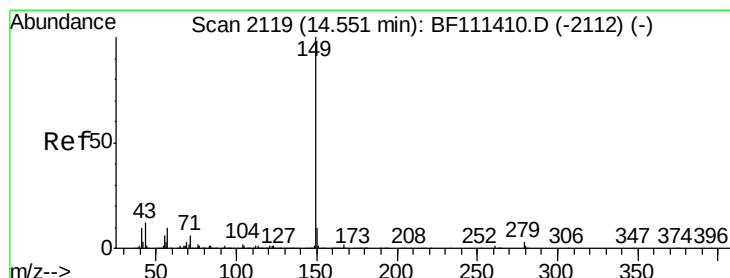
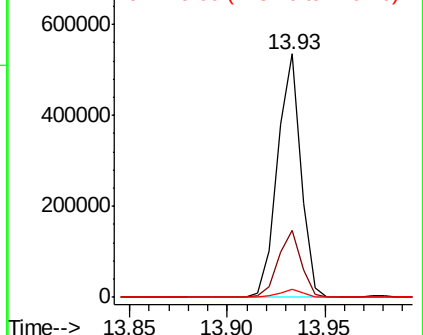
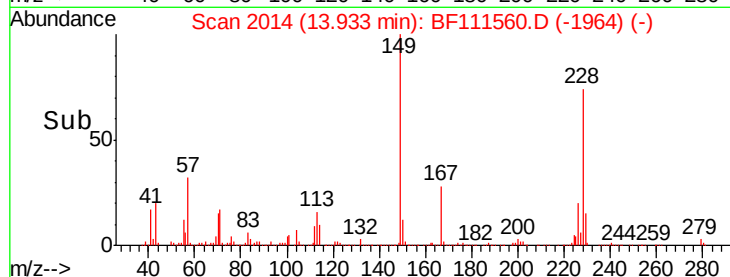
149 100

167 27.5 22.5 33.7

279 3.4 2.6 4.0



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: 42.115 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

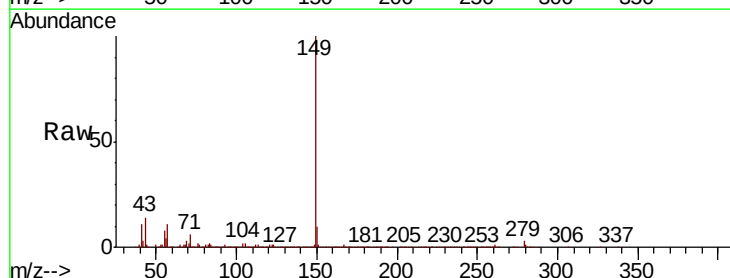
Tgt Ion:149 Resp: 741962

Ion Ratio Lower Upper

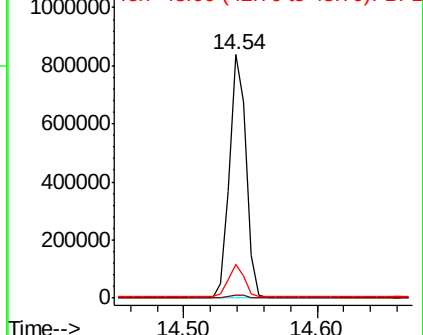
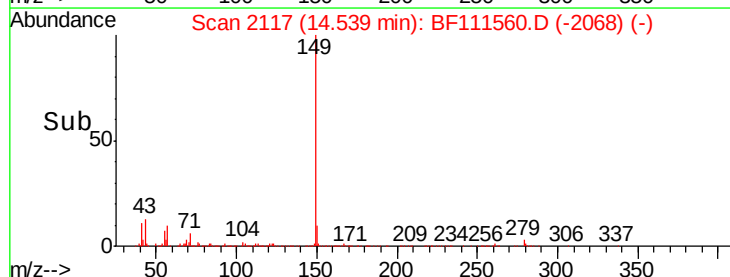
149 100

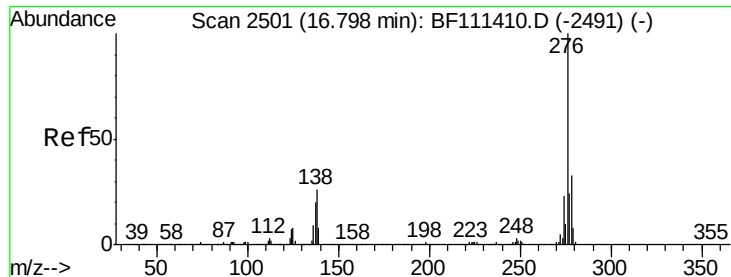
167 1.5 1.3 1.9

43 13.5 10.9 16.3



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: 42.870 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

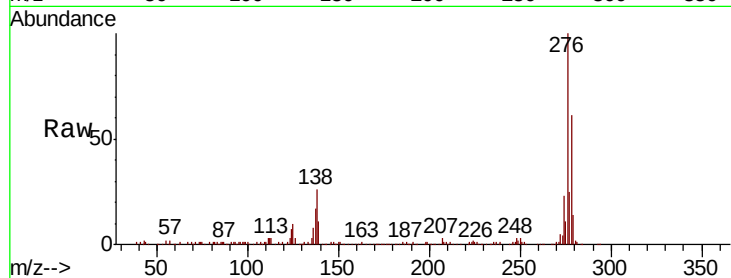
Tgt Ion:276 Resp: 421715

Ion Ratio Lower Upper

276 100

138 25.9 27.8 41.6#

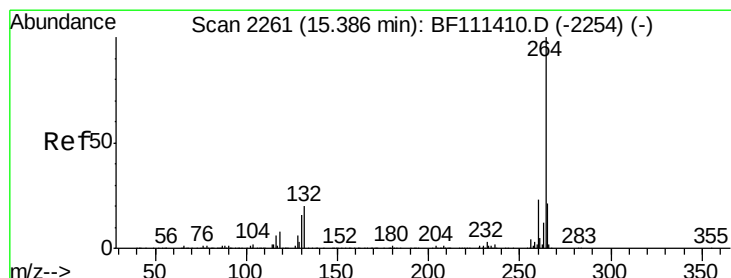
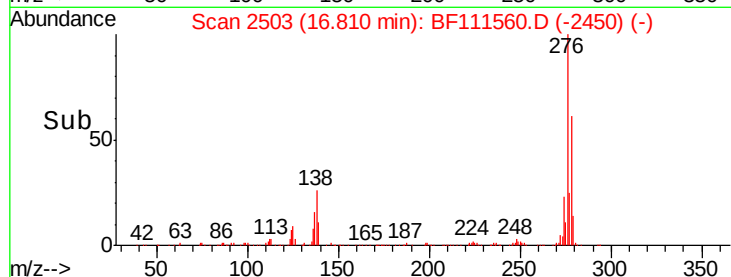
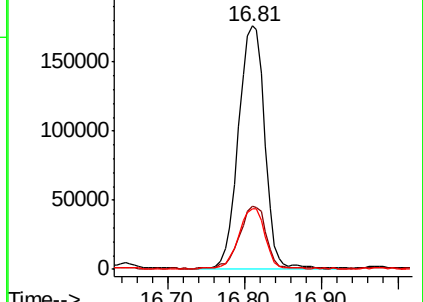
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

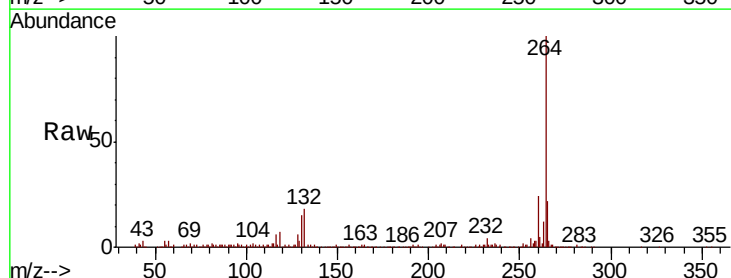
Tgt Ion:264 Resp: 209241

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

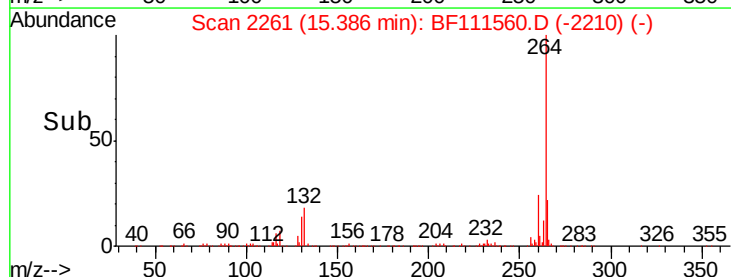
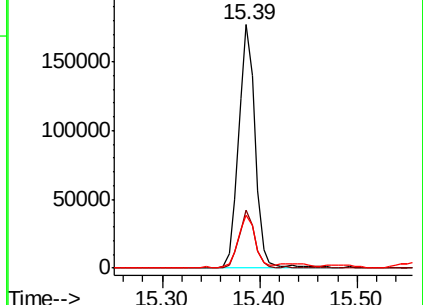
265 21.9 17.7 26.5

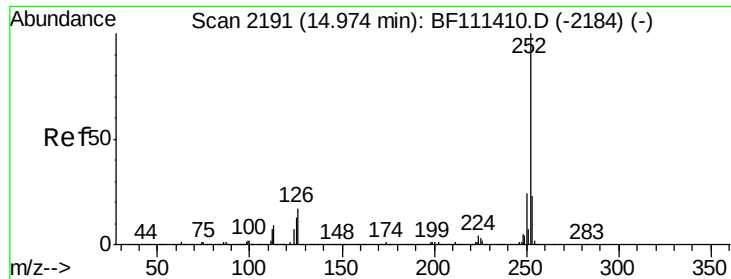


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

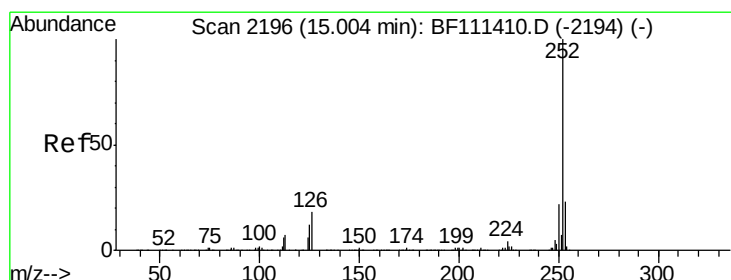
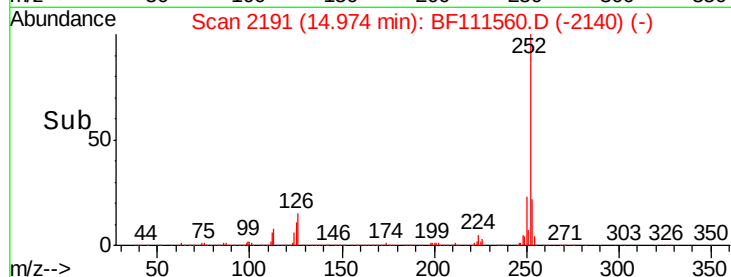
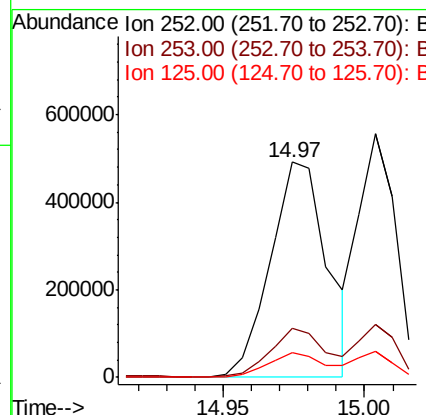
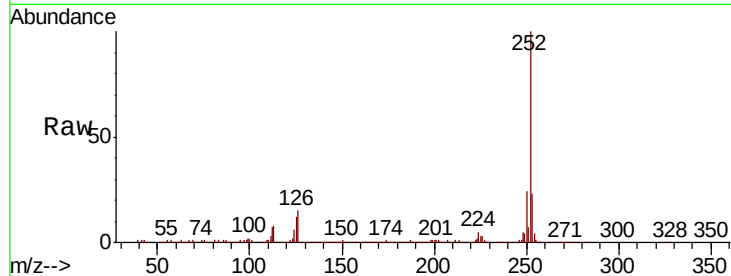




#88
Benzo(b)fluoranthene
Concen: 56.258 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

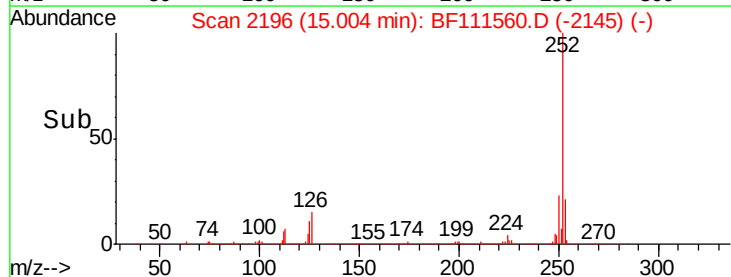
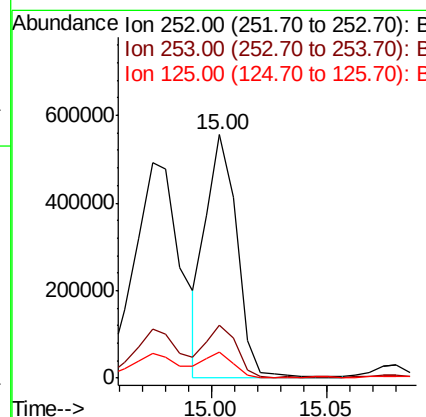
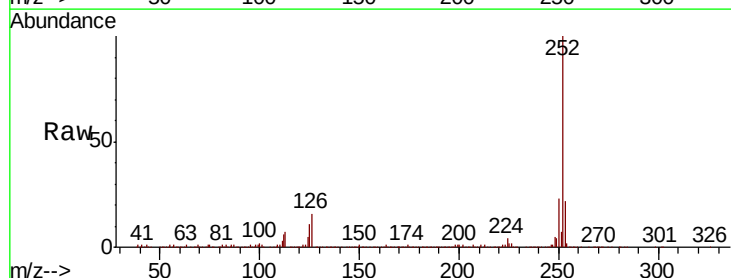
Instrument :
BNA_F
ClientSampleId :
TP-6-AMS

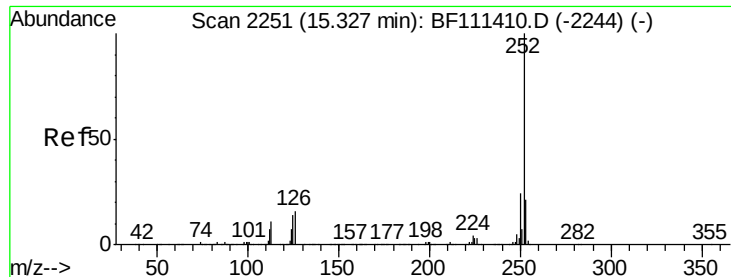
Tgt Ion:252 Resp: 686291
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.7 10.4 15.6



#89
Benzo(k)fluoranthene
Concen: 44.294 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111560.D
Acq: 18 Dec 2018 1:03

Tgt Ion:252 Resp: 516313
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 10.7 9.8 14.8





#90

Benzo(a)pyrene

Concen: 7.356 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.06 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

Instrument :

BNA_F

ClientSampleId :

TP-6-AMS

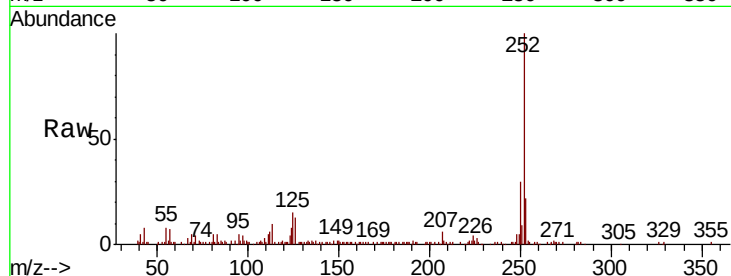
Tgt Ion:252 Resp: 80926

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 15.2 12.3 18.5

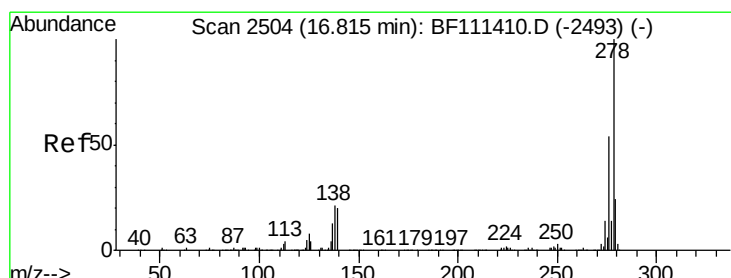
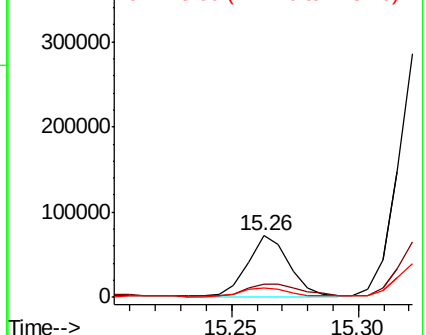
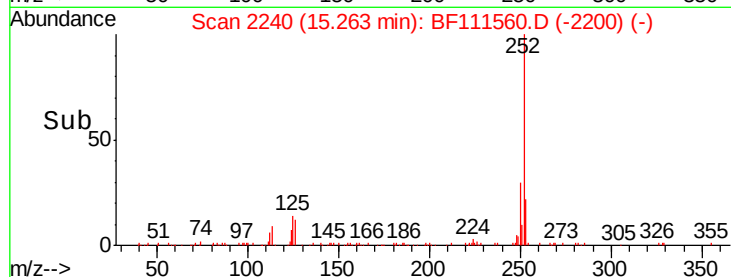


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 37.245 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111560.D

Acq: 18 Dec 2018 1:03

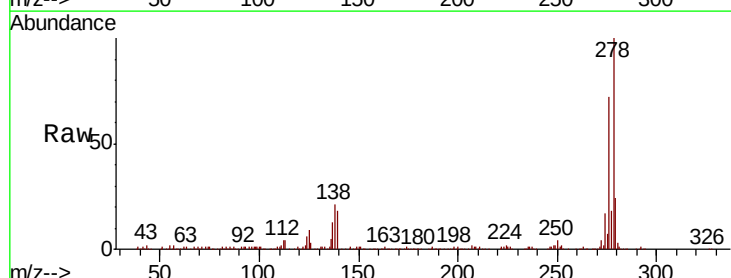
Tgt Ion:278 Resp: 323199

Ion Ratio Lower Upper

278 100

139 18.3 18.2 27.4

279 24.0 19.0 28.6



Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

