

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108174.D
 Acq On : 15 Aug 2018 19:16
 Operator : JU/SJ
 Sample : J4477-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Quant Time: Aug 16 01:50:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	184630	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	735527	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	373553	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	662979	20.00	ng	0.00
75) Chrysene-d12	14.21	240	399206	20.00	ng	0.00
86) Perylene-d12	15.78	264	432196	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	688882	67.55	ng	0.01
7) Phenol-d6	6.64	99	921917	68.03	ng	0.00
23) Nitrobenzene-d5	7.58	82	597179	45.31	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	219999	59.04	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1095511	47.08	ng	0.00
78) Terphenyl-d14	13.14	244	891923	56.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	89564	17.092	ng	# 89
3) Pyridine	3.72	79	253146	18.754	ng	88
4) n-Nitrosodimethylamine	3.67	42	144228	18.989	ng	84
6) Aniline	6.68	93	318923	17.301	ng	98
8) 2-Chlorophenol	6.80	128	264293	23.011	ng	97
9) Benzaldehyde	6.57	77	151962	14.463	ng	99
10) Phenol	6.65	94	315188	22.485	ng	92
11) bis(2-Chloroethyl)ether	6.74	93	251988	22.235	ng	93
12) 1,3-Dichlorobenzene	6.96	146	289896	21.829	ng	98
13) 1,4-Dichlorobenzene	7.04	146	288707	21.637	ng	97
14) 1,2-Dichlorobenzene	7.19	146	273426	22.030	ng	96
15) Benzyl Alcohol	7.15	79	252386	22.123	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	492549	21.098	ng	96
17) 2-Methylphenol	7.25	107	223492	22.690	ng	96
18) Hexachloroethane	7.53	117	104082	21.910	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	200137	21.839	ng	# 87
20) 3+4-Methylphenols	7.41	107	285173	22.593	ng	92
22) Acetophenone	7.42	105	384876	22.378	ng	# 93
24) Nitrobenzene	7.60	77	294224	22.074	ng	96
25) Isophorone	7.83	82	543350	21.627	ng	97
26) 2-Nitrophenol	7.91	139	126935	25.217	ng	95
27) 2,4-Dimethylphenol	7.94	122	248854	22.317	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	330216	22.515	ng	99
29) 2,4-Dichlorophenol	8.15	162	238344	23.227	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	248629	21.976	ng	98
31) Naphthalene	8.32	128	775799	23.193	ng	100
32) Benzoic acid	7.94	122	248854	39.646	ng	# 15
33) 4-Chloroaniline	8.37	127	255874	17.553	ng	99
34) Hexachlorobutadiene	8.43	225	155317	21.686	ng	100
35) Caprolactam	8.72	113	63852	19.856	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	245222	22.152	ng	99
37) 2-Methylnaphthalene	9.01	142	533604	22.547	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	265583	23.152	ng	98
40) Hexachlorocyclopentadiene	9.16	237	191873	25.895	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	164046	23.045	ng	97
43) 2,4,5-Trichlorophenol	9.33	196	171557	21.893	ng #	92
45) 1,1'-Biphenyl	9.48	154	659694	23.952	ng	98
46) 2-Chloronaphthalene	9.51	162	502022	23.062	ng	96
47) 2-Nitroaniline	9.60	65	169979	24.133	ng	84
48) Acenaphthylene	9.92	152	803484	23.348	ng	99
49) Dimethylphthalate	9.77	163	652393	25.072	ng	99
50) 2,6-Dinitrotoluene	9.84	165	130555	23.981	ng	91
51) Acenaphthene	10.10	154	471919	22.389	ng	99
52) 3-Nitroaniline	10.01	138	122891	20.631	ng	87
53) 2,4-Dinitrophenol	10.11	184	2581	8.176	ng #	56
54) Dibenzofuran	10.27	168	716442	23.461	ng	98
55) 4-Nitrophenol	10.16	139	140945	31.247	ng	85
56) 2,4-Dinitrotoluene	10.24	165	169277	24.156	ng #	98
57) Fluorene	10.61	166	560161	23.172	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	112071	17.111	ng #	87
59) Diethylphthalate	10.47	149	596052	23.656	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	282557	22.431	ng	91
61) 4-Nitroaniline	10.62	138	125190	21.258	ng	96
62) Azobenzene	10.76	77	572230	21.990	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	11341	9.406	ng	86
65) n-Nitrosodiphenylamine	10.72	169	498962	25.468	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	175627	24.376	ng #	84
67) Hexachlorobenzene	11.17	284	180970	23.873	ng #	85
68) Atrazine	11.24	200	157862	24.024	ng	93
69) Pentachlorophenol	11.35	266	82581	22.760	ng	99
70) Phenanthrene	11.58	178	905795	28.967	ng	99
71) Anthracene	11.64	178	785263	24.501	ng	100
72) Carbazole	11.79	167	627529	22.038	ng	99
73) Di-n-butylphthalate	12.10	149	824845	25.574	ng	99
74) Fluoranthene	12.78	202	818697	23.989	ng	96
76) Benzidine	12.90	184	276975	18.570	ng	97
77) Pyrene	13.01	202	763482	30.208	ng	99
79) Butylbenzylphthalate	13.61	149	242831	24.196	ng #	97
80) Benzo(a)anthracene	14.20	228	576296	25.154	ng	99
81) 3,3'-Dichlorobenzidine	14.16	252	175408	21.364	ng #	95
82) Chrysene	14.24	228	530197	25.243	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	327983	24.133	ng	98
84) Di-n-octyl phthalate	14.79	149	565167	27.268	ng	95
85) Indeno(1,2,3-cd)pyrene	17.39	276	543156	29.845	ng #	91
87) Benzo(b)fluoranthene	15.34	252	539557	20.892	ng	97
88) Benzo(k)fluoranthene	15.34	252	539557	22.728	ng #	97
89) Benzo(a)pyrene	15.71	252	572187	24.742	ng	98
90) Dibenzo(a,h)anthracene	17.41	278	435522	22.761	ng #	94
91) Benzo(g,h,i)perylene	17.89	276	433494	23.007	ng #	91

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

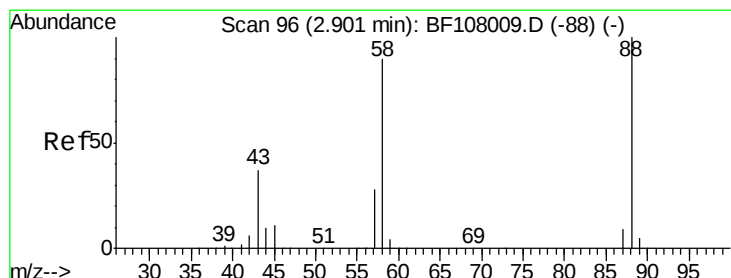
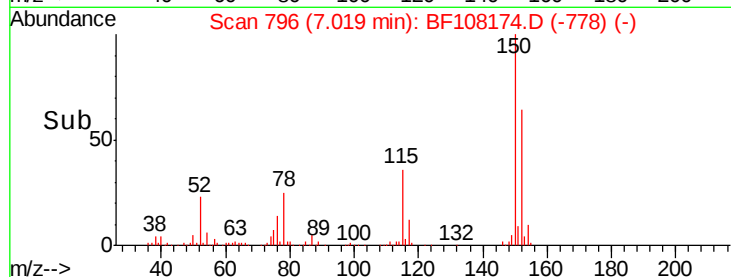
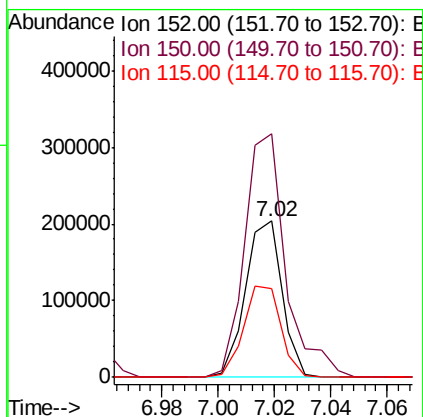
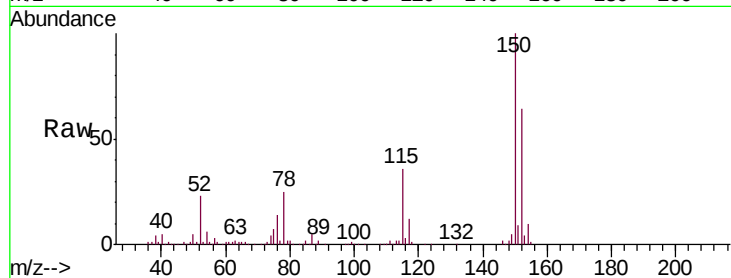


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

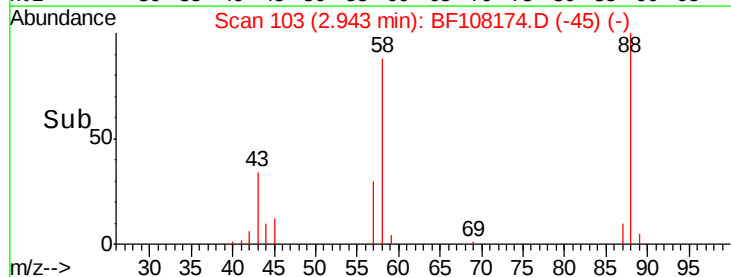
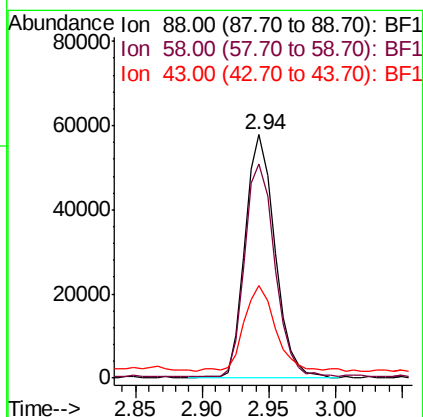
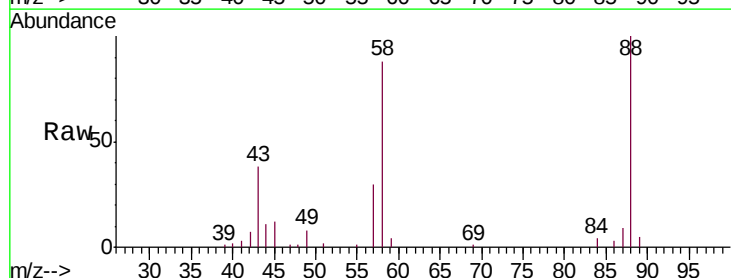
Tgt Ion:152 Resp: 184630
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 56.8 50.1 75.1

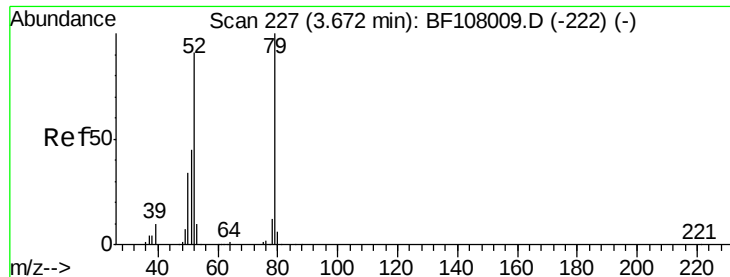


#2

1,4-Dioxane
Concen: 17.092 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion: 88 Resp: 89564
Ion Ratio Lower Upper
88 100
58 87.6 62.6 93.8
43 38.0 24.6 37.0#





#3

Pyridine

Concen: 18.754 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.05 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

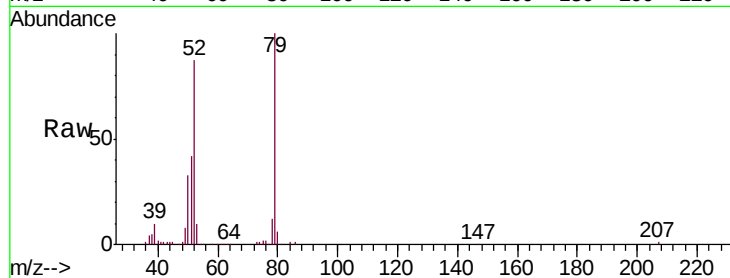
Tgt Ion: 79 Resp: 253146

Ion Ratio Lower Upper

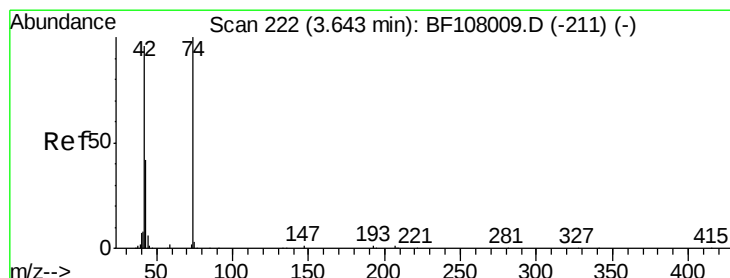
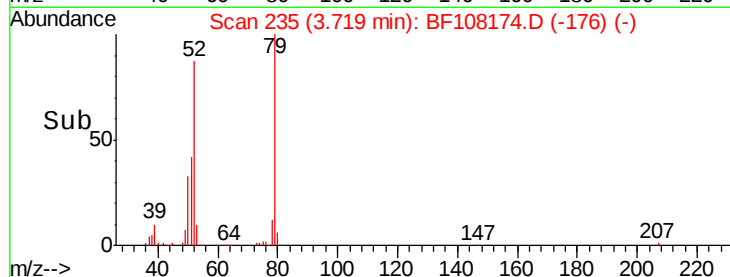
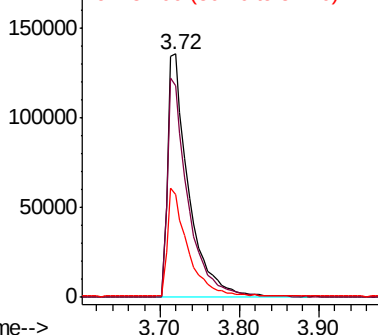
79 100

52 86.7 59.8 89.6

51 42.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 18.989 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.02 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

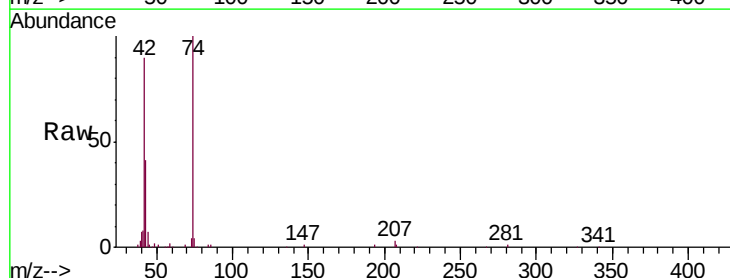
Tgt Ion: 42 Resp: 144228

Ion Ratio Lower Upper

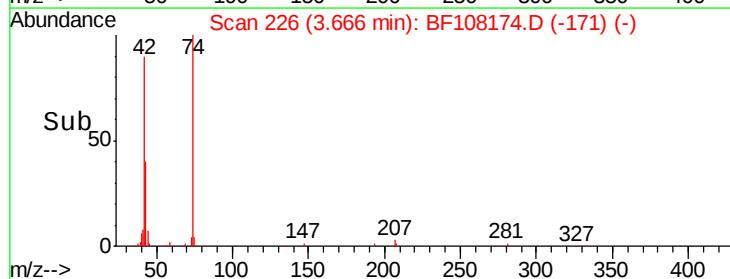
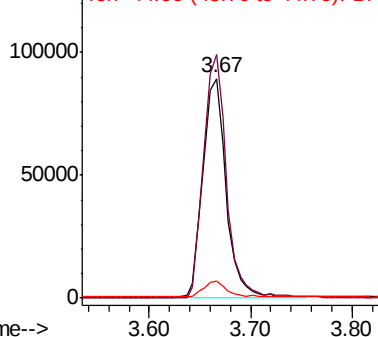
42 100

74 110.7 104.9 157.3

44 7.7 6.9 10.3



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





#5

2-Fluorophenol

Concen: 67.551 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

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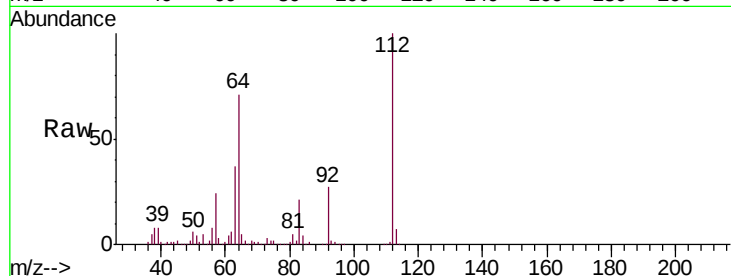
Tgt Ion: 112 Resp: 688882

Ion Ratio Lower Upper

112 100

64 71.1 47.9 71.9

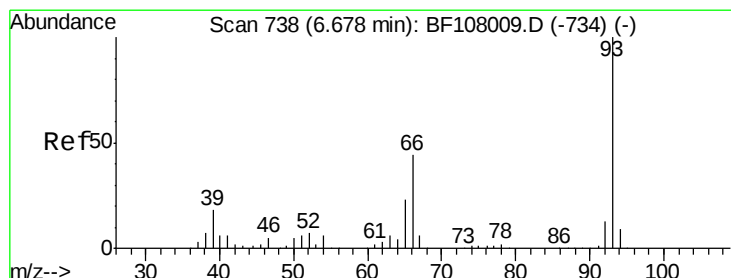
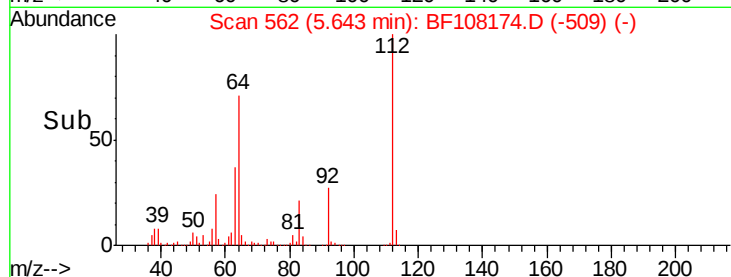
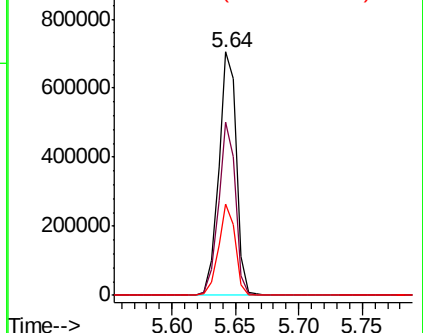
63 37.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.301 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

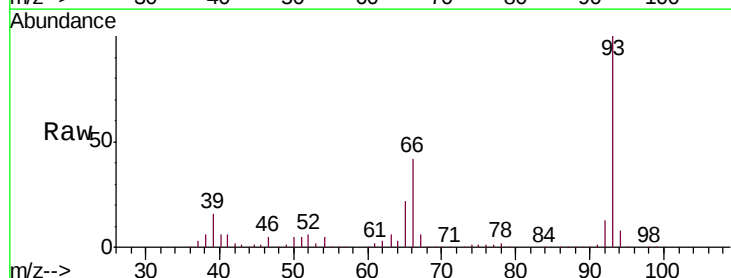
Tgt Ion: 93 Resp: 318923

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

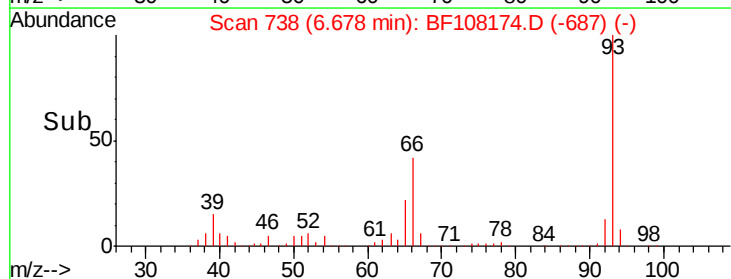
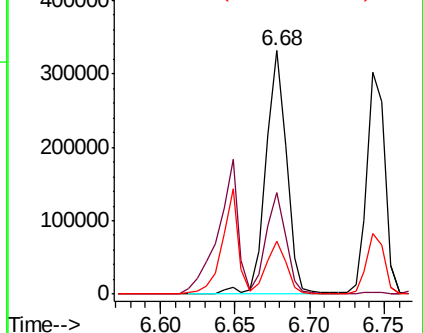
65 21.6 16.4 24.6

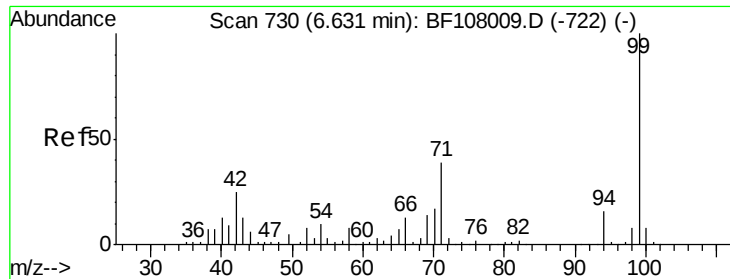


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.029 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108174.D

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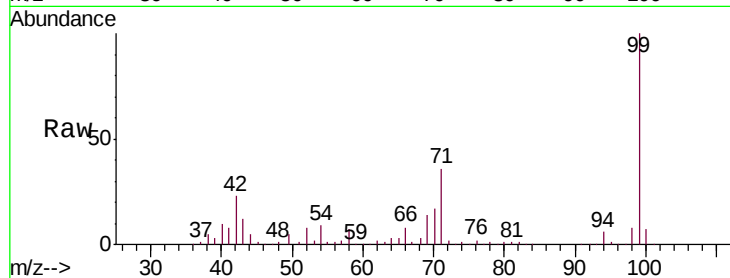
Tgt Ion: 99 Resp: 921917

Ion Ratio Lower Upper

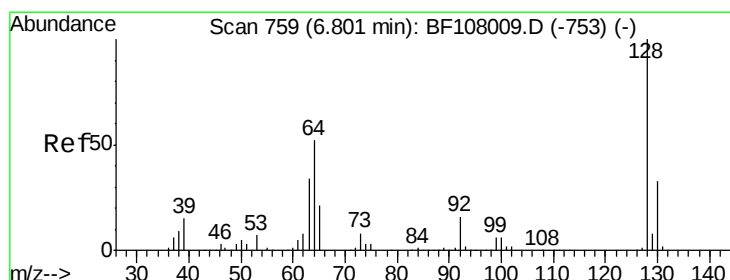
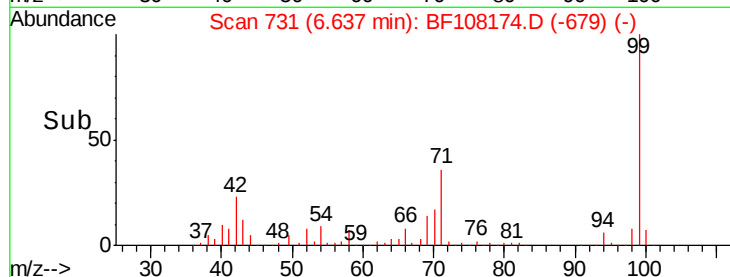
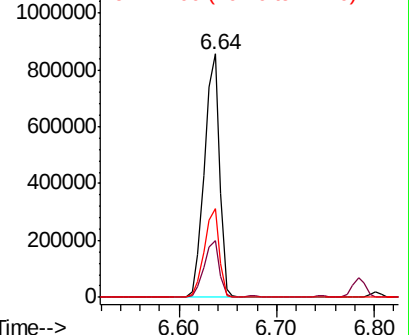
99 100

42 23.1 14.5 21.7#

71 36.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 23.011 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

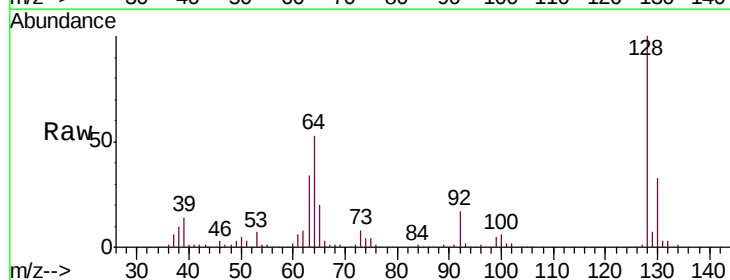
Tgt Ion: 128 Resp: 264293

Ion Ratio Lower Upper

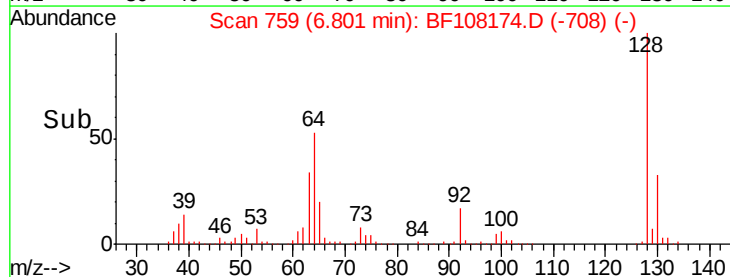
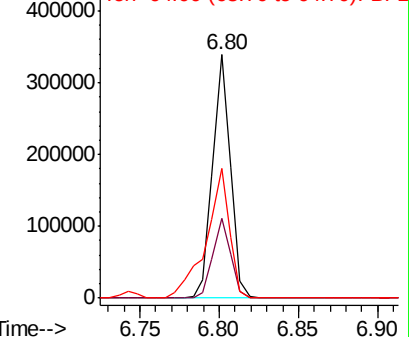
128 100

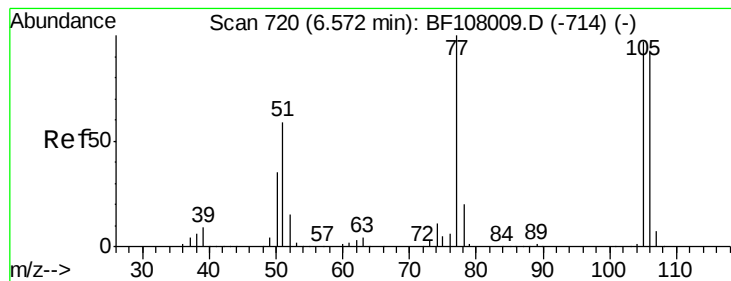
130 33.0 13.0 53.0

64 53.1 29.4 69.4



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: 14.463 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

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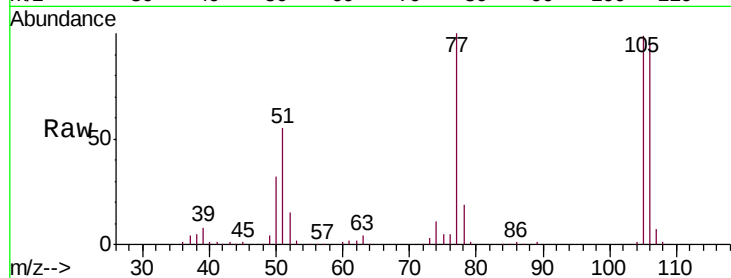
Tgt Ion: 77 Resp: 151962

Ion Ratio Lower Upper

77 100

105 99.3 81.1 121.1

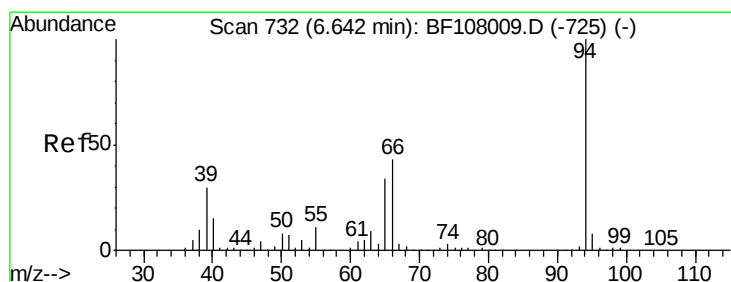
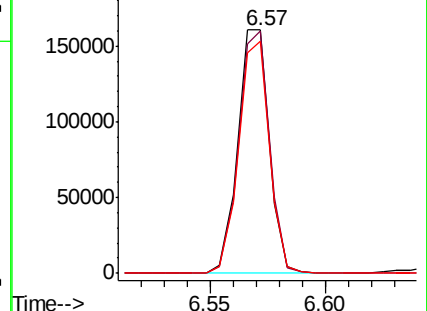
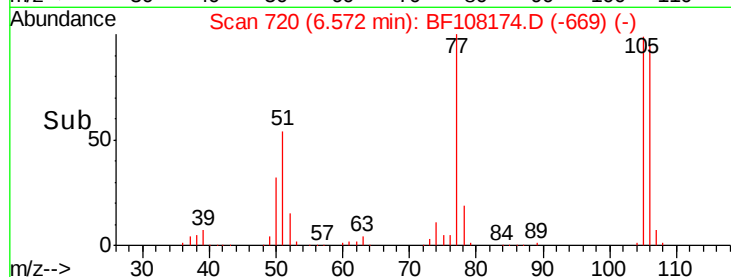
106 95.4 74.5 114.5



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: 22.485 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

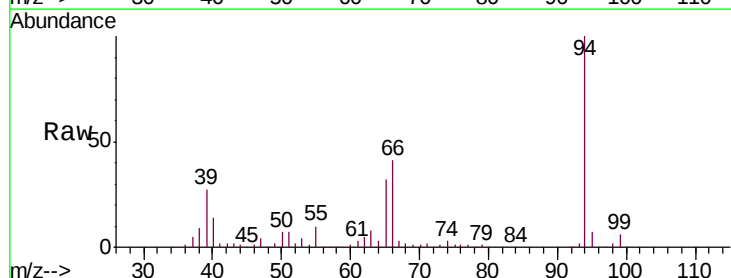
Tgt Ion: 94 Resp: 315188

Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

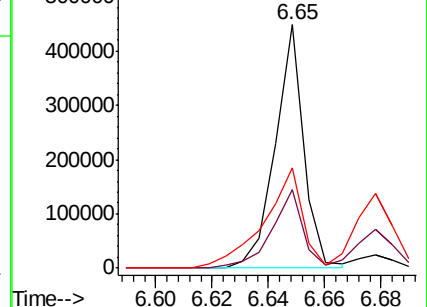
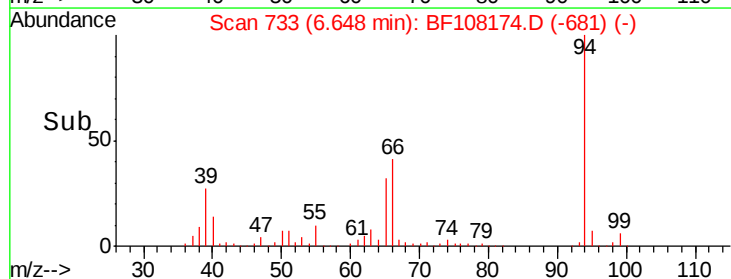
66 41.0 16.2 56.2



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

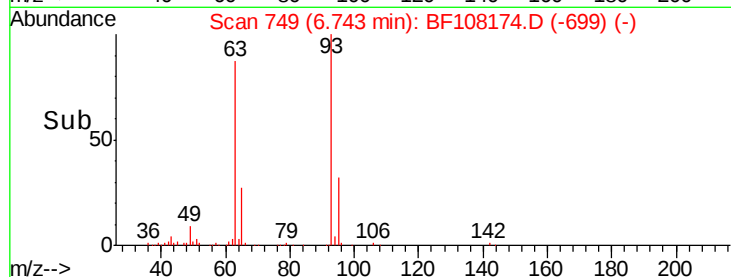
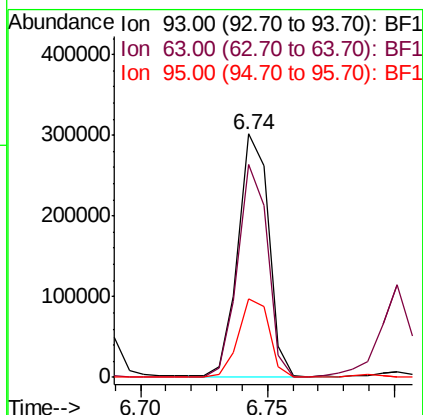
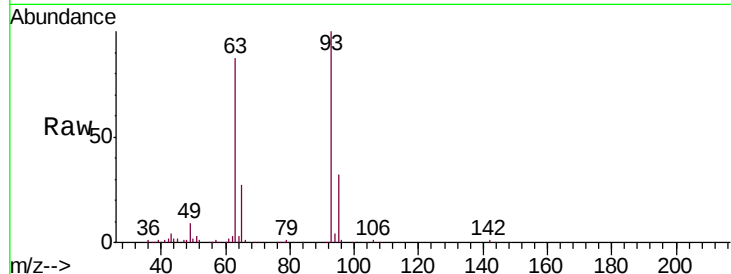




#11
bis(2-Chloroethyl)ether
Concen: 22.235 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

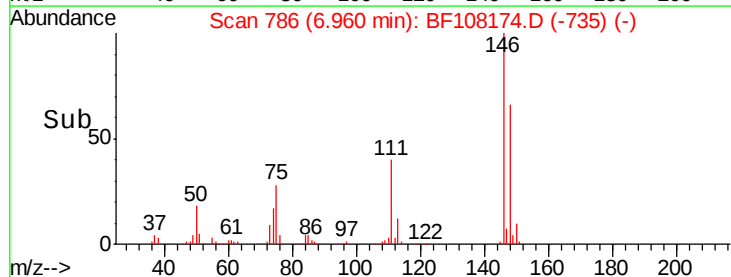
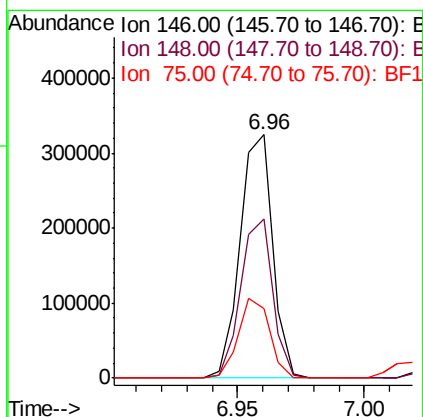
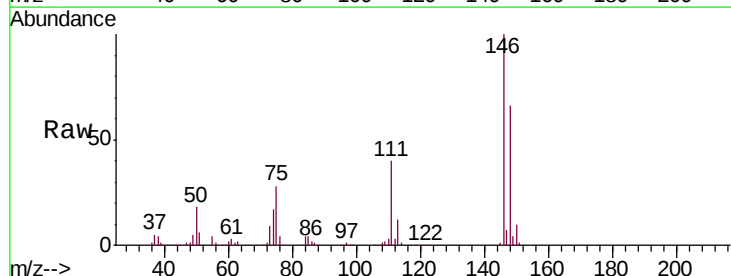
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.3	58.6	98.6
95	32.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 21.829 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	28.4	24.2	36.4

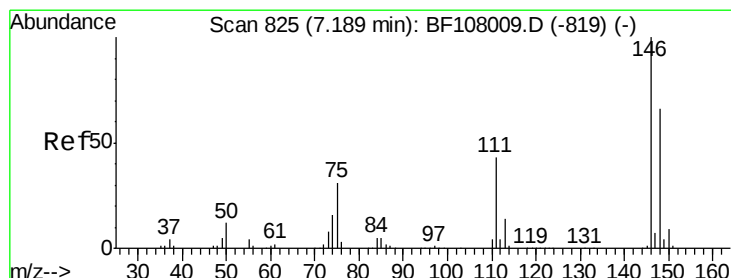
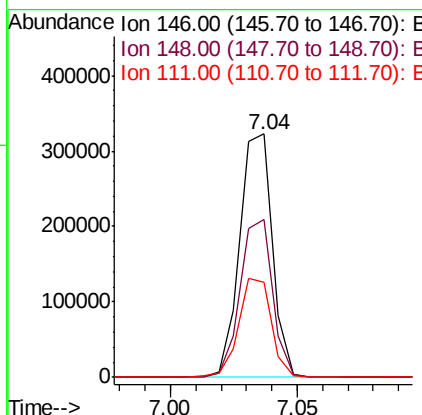
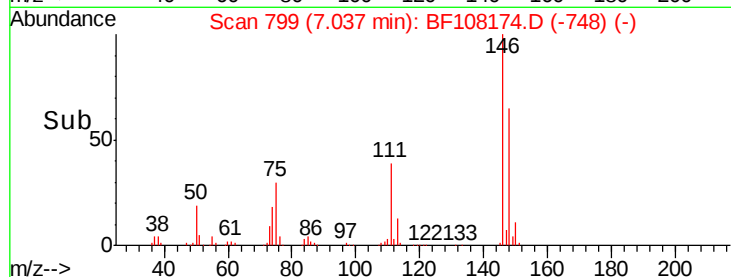
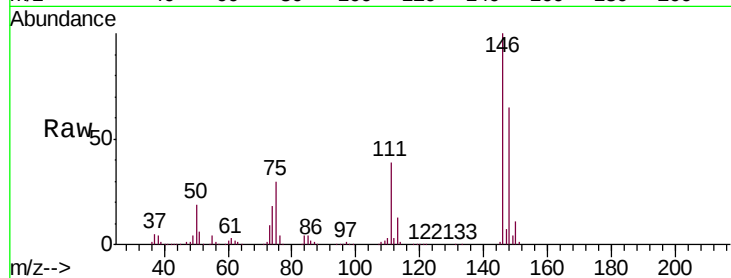




#13
 1,4-Dichlorobenzene
 Concen: 21.637 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

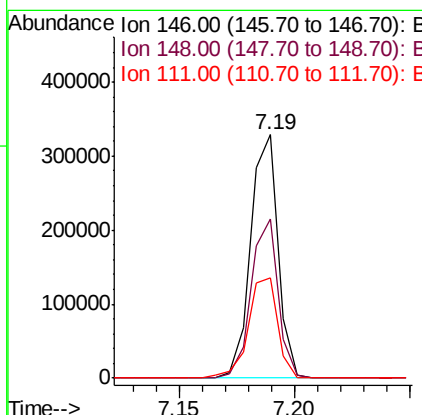
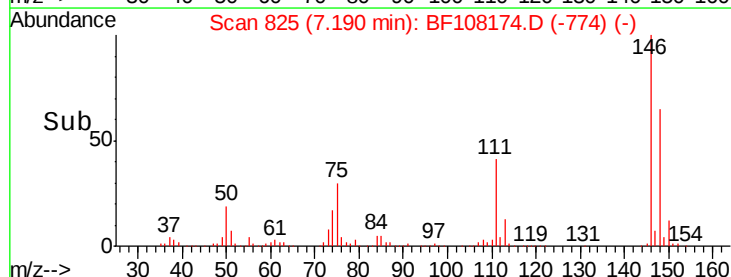
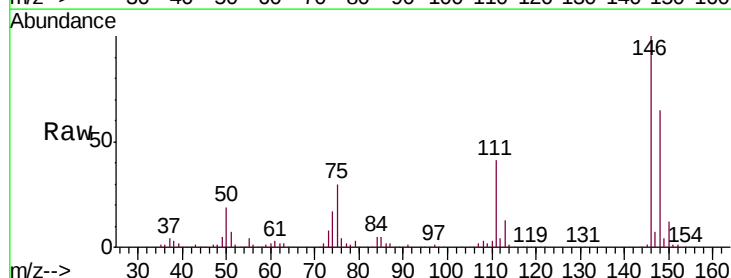
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

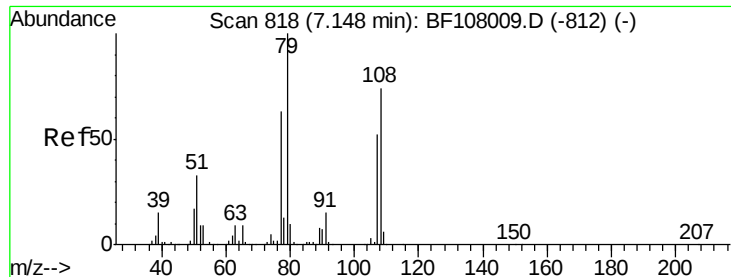
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	39.2	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 22.030 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
111	41.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 22.123 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

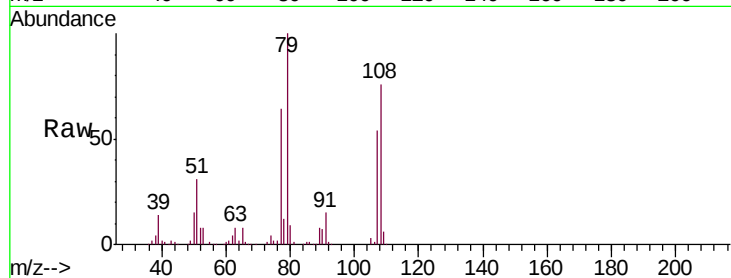
Tgt Ion: 79 Resp: 252386

Ion Ratio Lower Upper

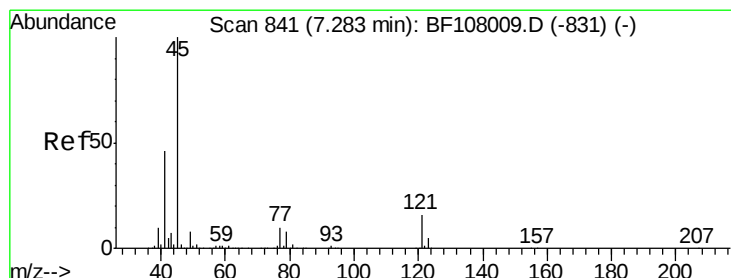
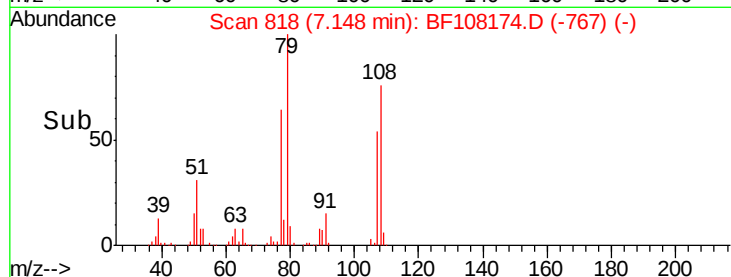
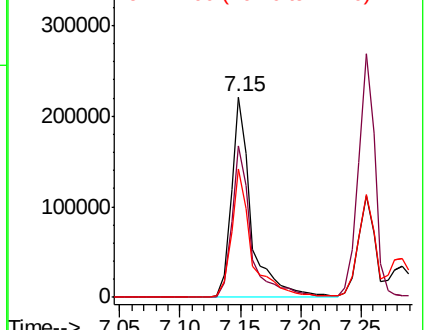
79 100

108 75.8 65.1 97.7

77 64.4 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.098 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

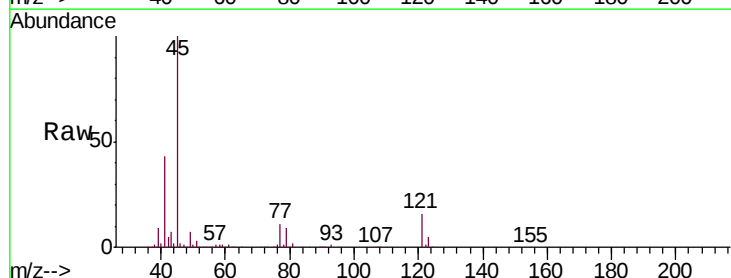
Tgt Ion: 45 Resp: 492549

Ion Ratio Lower Upper

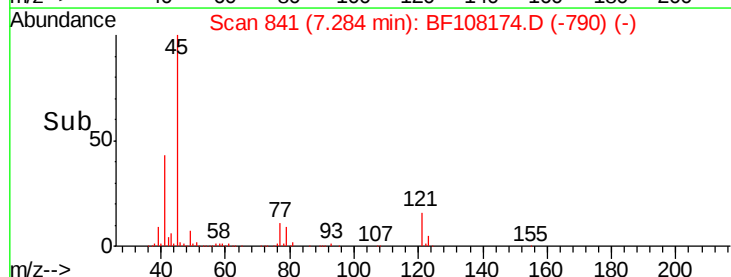
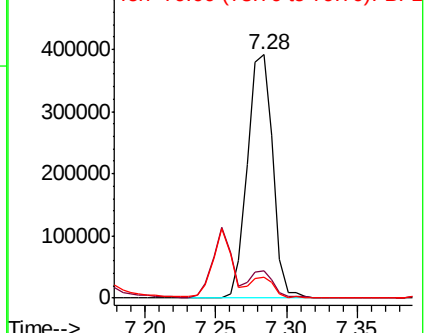
45 100

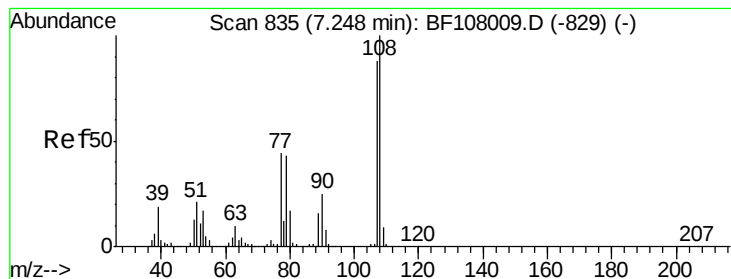
77 11.0 0.0 32.9

79 8.7 0.0 29.6



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





#17

2-Methylphenol

Concen: 22.690 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

Tgt Ion:107 Resp: 223492

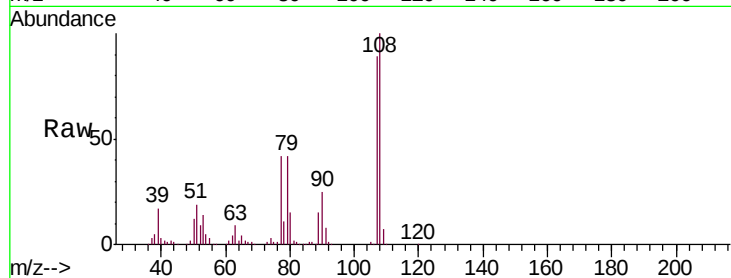
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 47.3 33.8 50.8

79 46.6 33.8 50.8



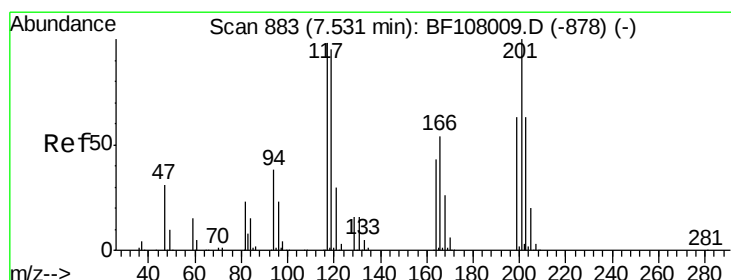
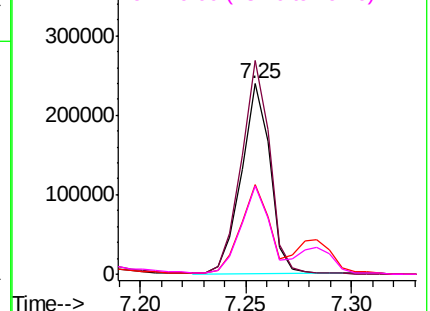
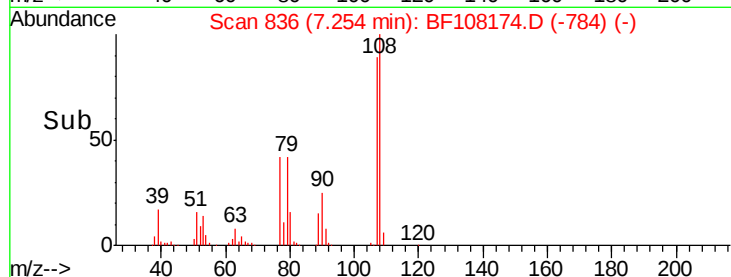
Abundance

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: 21.910 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

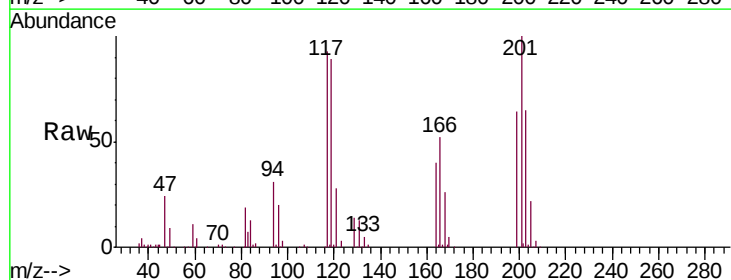
Tgt Ion:117 Resp: 104082

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

201 107.4 75.7 113.5

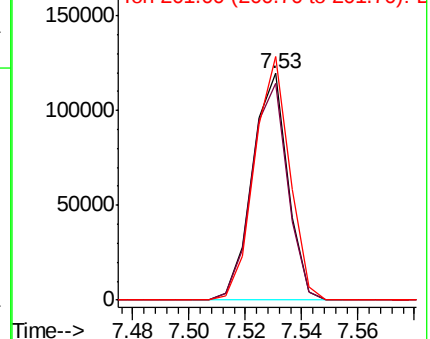
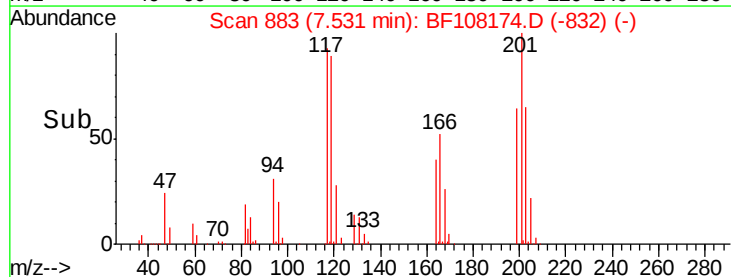


Abundance

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

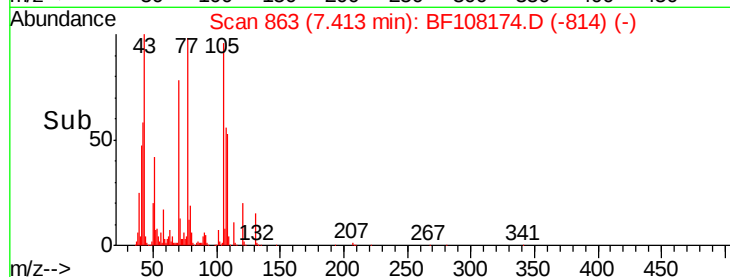
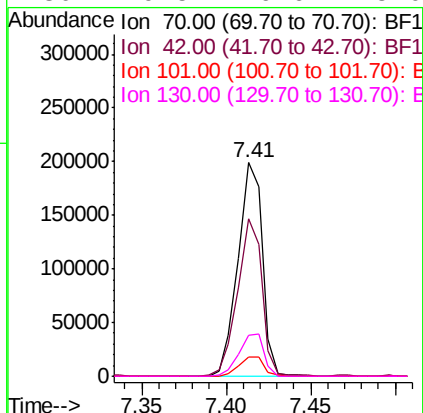
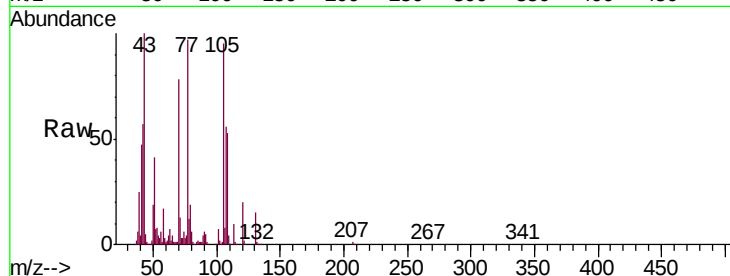




#19
n-Nitroso-di-n-propylamine
Concen: 21.839 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

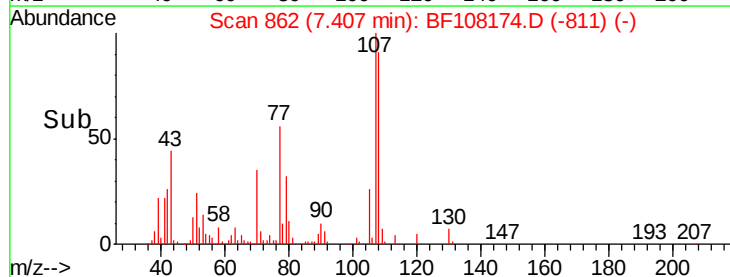
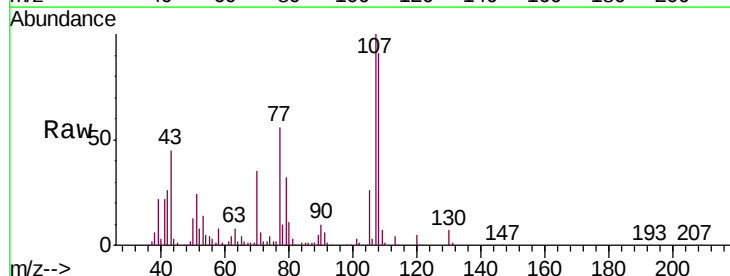
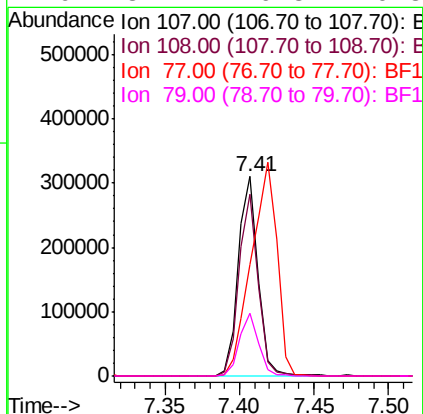
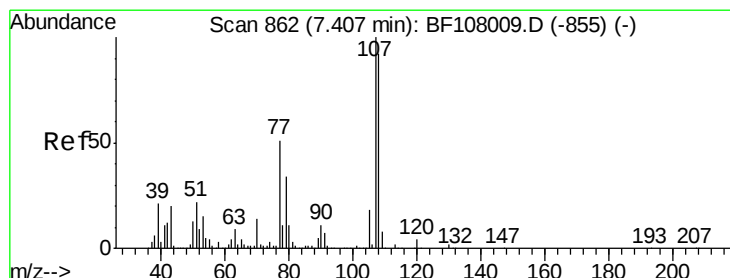
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

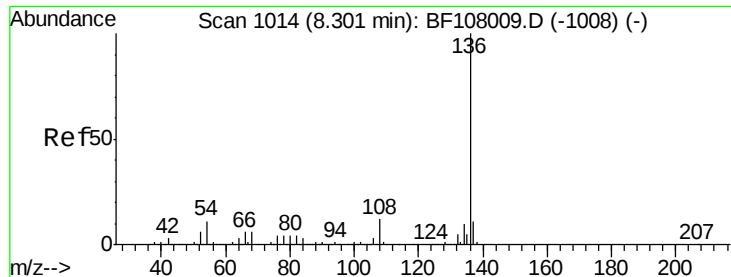
Tgt Ion:	70	Resp:	200137
Ion	Ratio	Lower	Upper
70	100		
42	73.9	47.5	71.3#
101	9.3	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 22.593 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion:	107	Resp:	285173
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	55.7	26.7	66.7
79	31.7	6.3	46.3

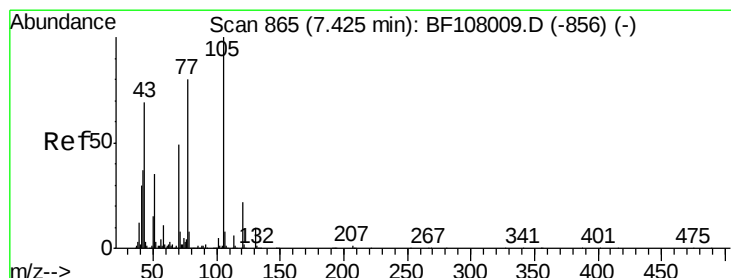
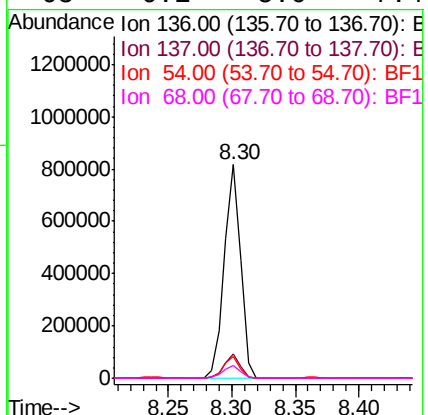
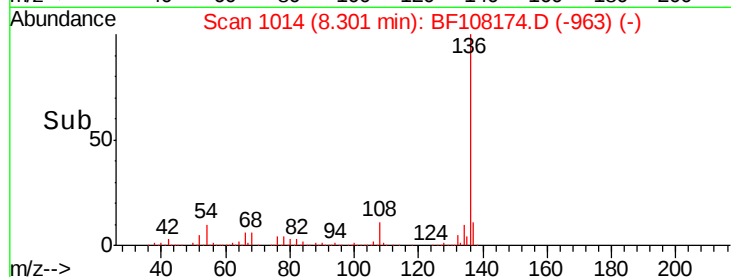
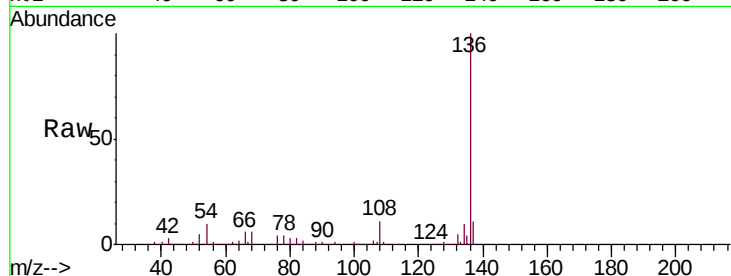




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

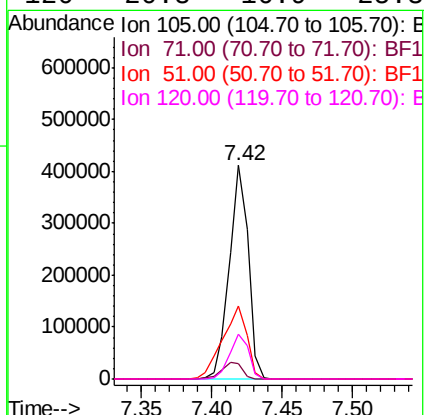
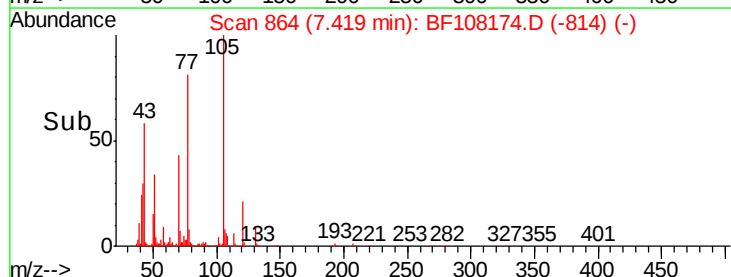
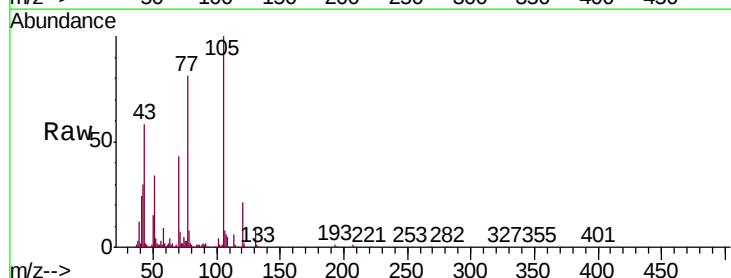
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

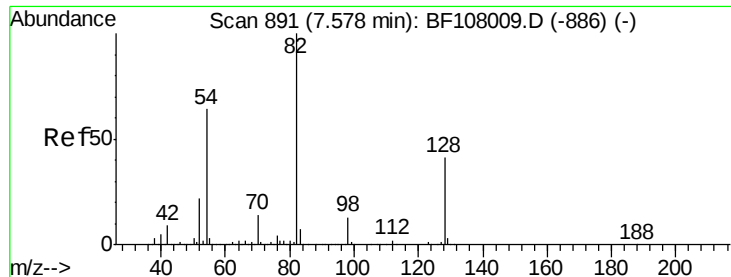
Tgt Ion:	136	Resp:	735527
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.0	6.6	9.8#
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 22.378 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion:	105	Resp:	384876
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.4	6.6#
51	34.3	22.3	33.5#
120	20.8	16.9	25.3

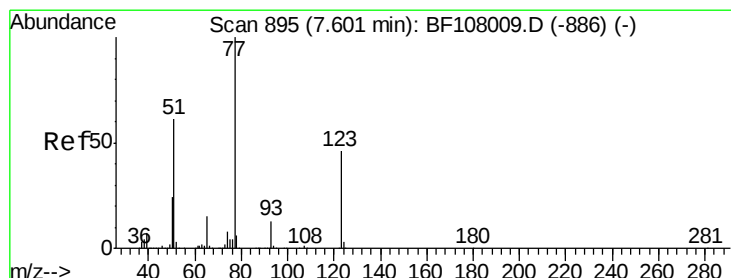
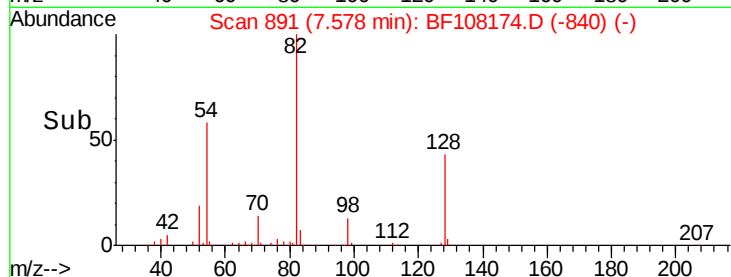
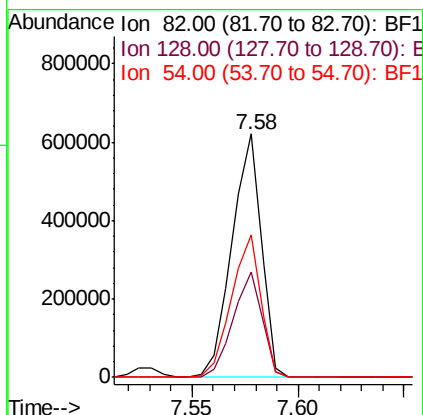
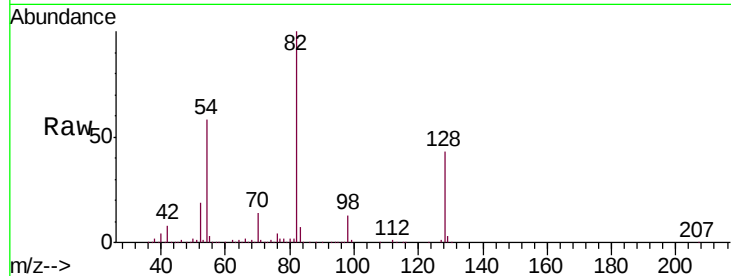




#23
 Nitrobenzene-d5
 Concen: 45.306 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

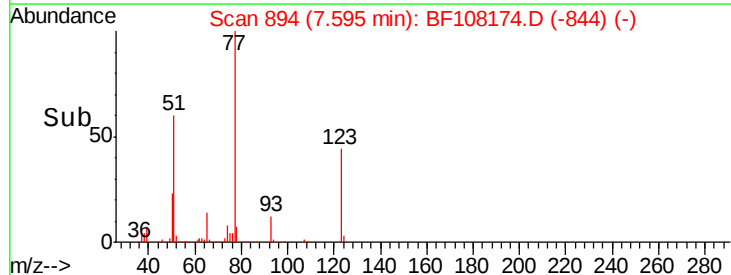
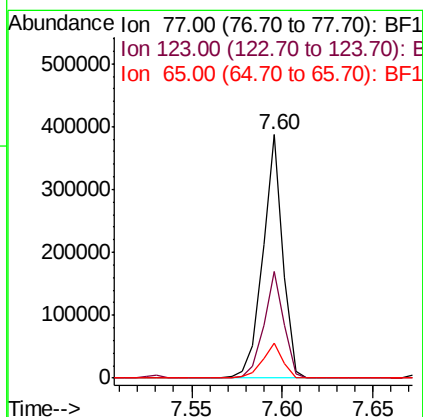
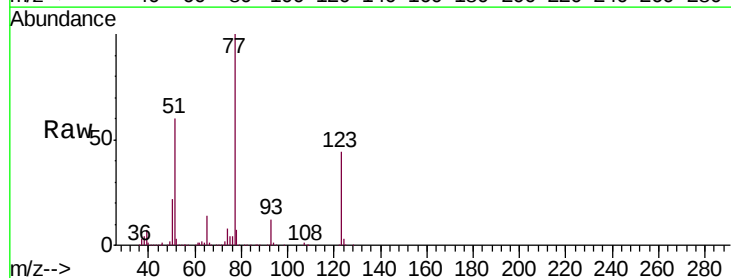
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

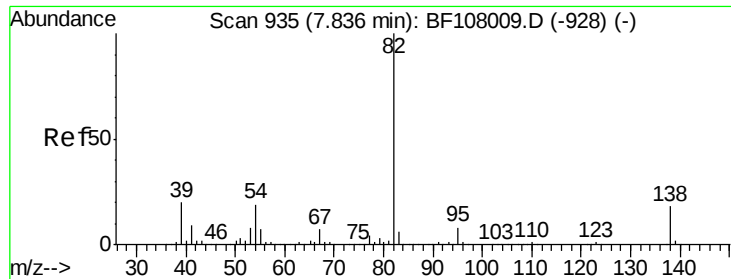
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	58.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 22.074 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	37.9	56.9
65	14.4	11.0	16.4

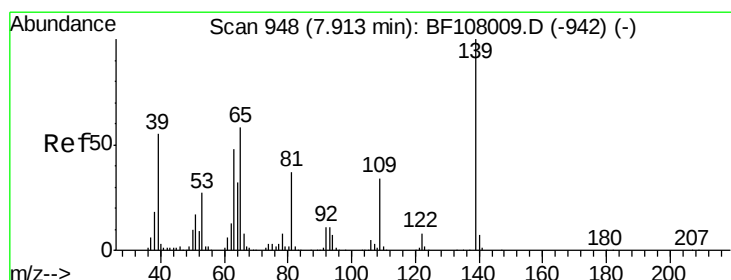
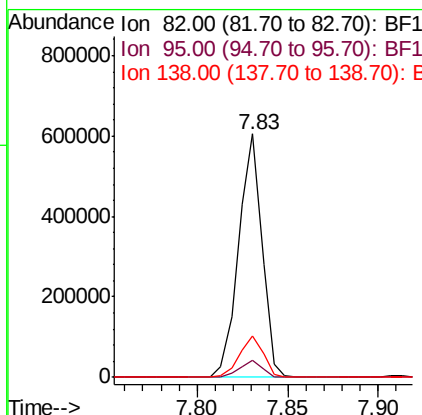
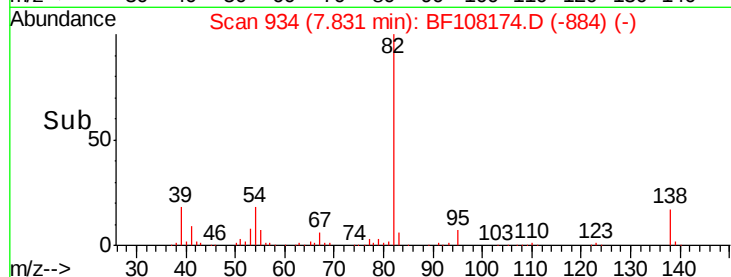
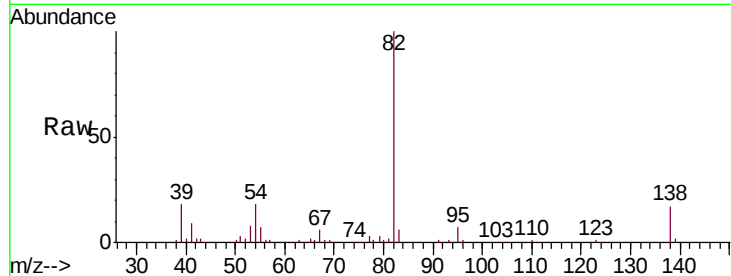




#25
Isophorone
Concen: 21.627 ng
RT: 7.83 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

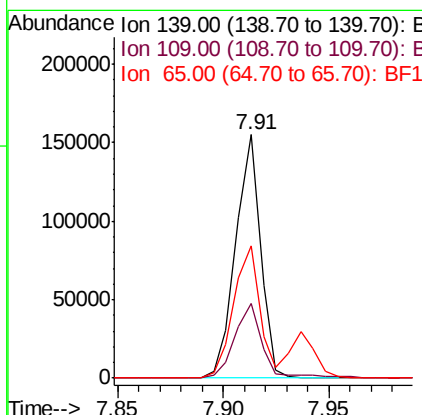
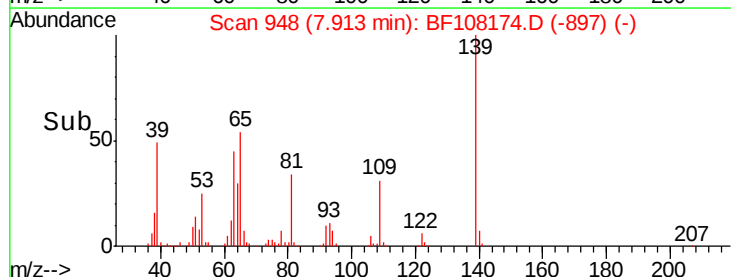
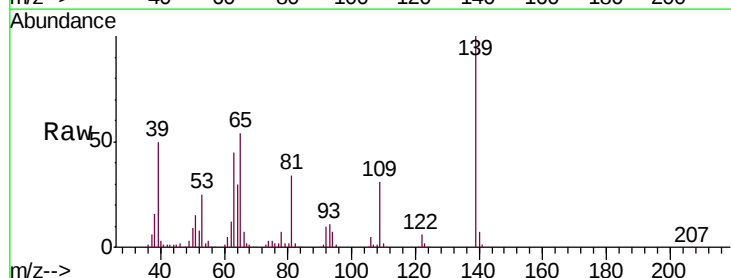
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

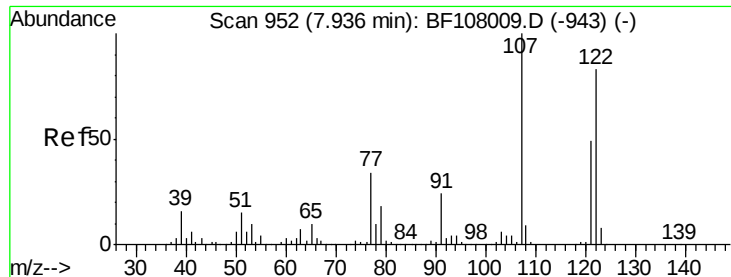
Tgt Ion: 82 Resp: 543350
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 25.217 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion: 139 Resp: 126935
Ion Ratio Lower Upper
139 100
109 30.7 22.7 34.1
65 54.3 40.5 60.7

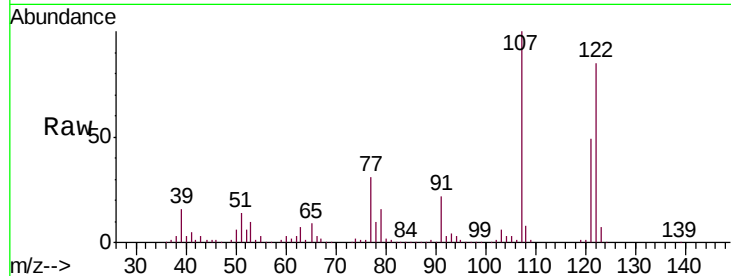




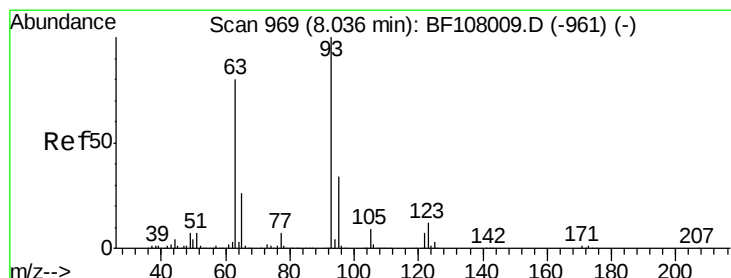
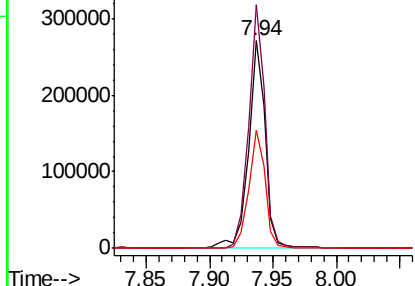
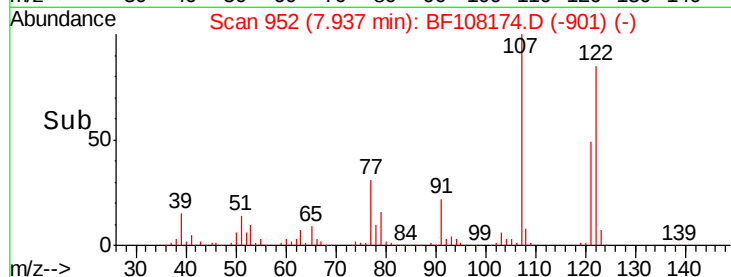
#27
 2,4-Dimethylphenol
 Concen: 22.317 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.2	136.8
121	57.2	47.2	70.8

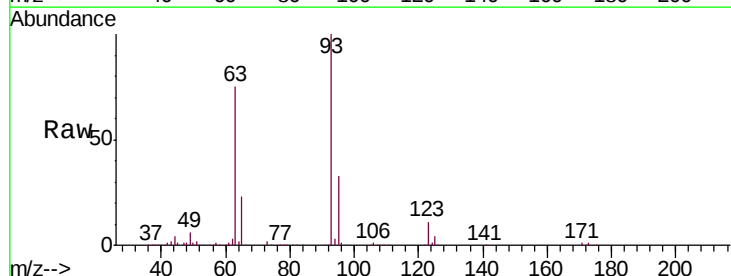


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

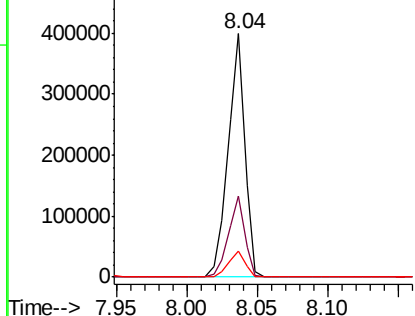
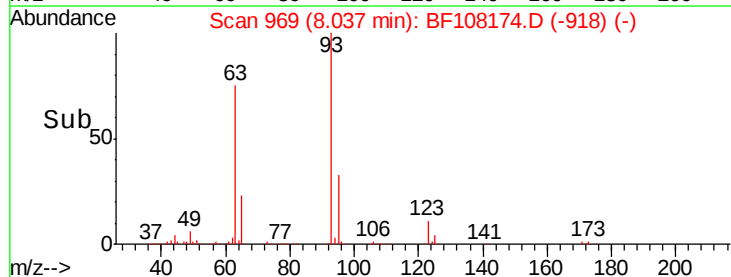


#28
 bis(2-Chloroethoxy)methane
 Concen: 22.515 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	10.7	9.8	14.6



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

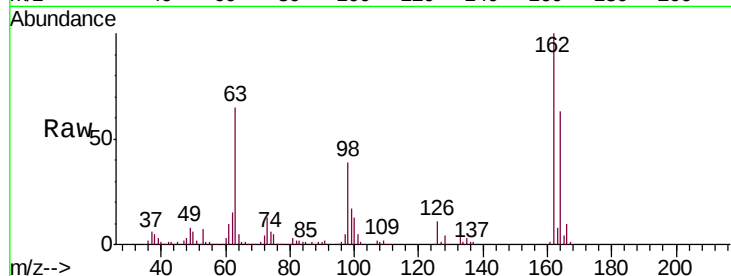




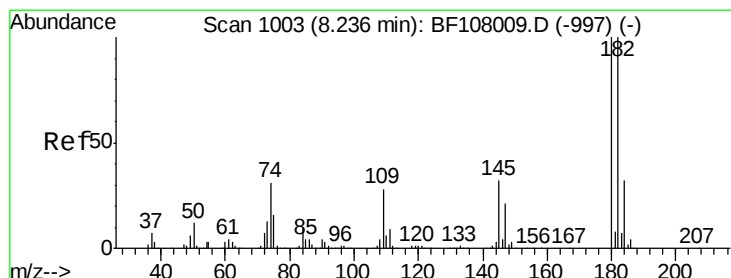
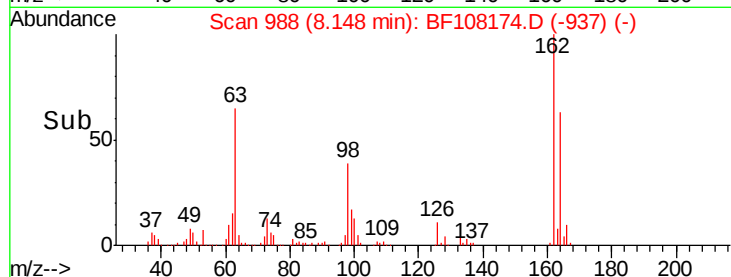
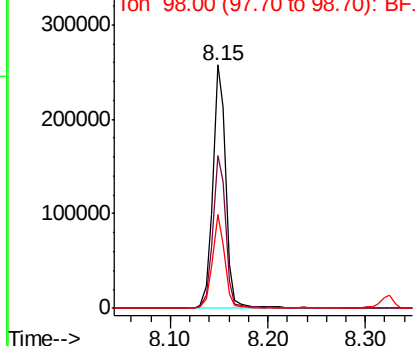
#29
2,4-Dichlorophenol
Concen: 23.227 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	38.8	18.1	58.1

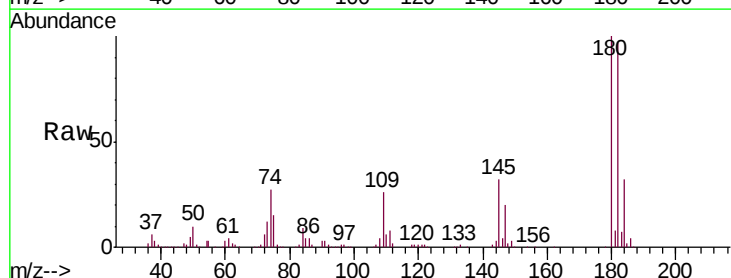


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

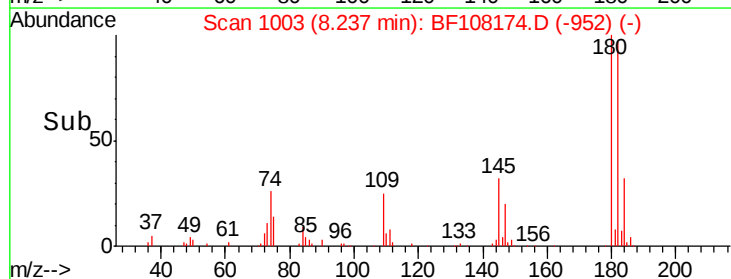
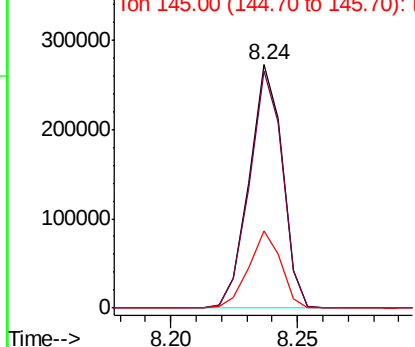


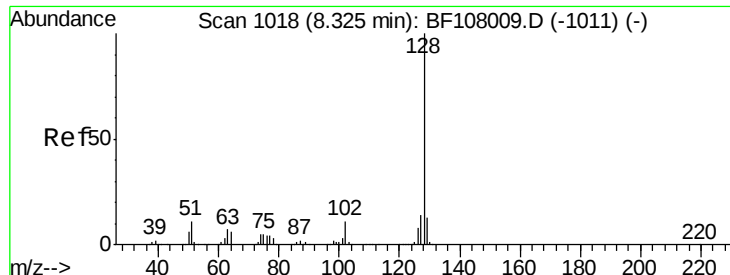
#30
1,2,4-Trichlorobenzene
Concen: 21.976 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	31.7	26.5	39.7



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

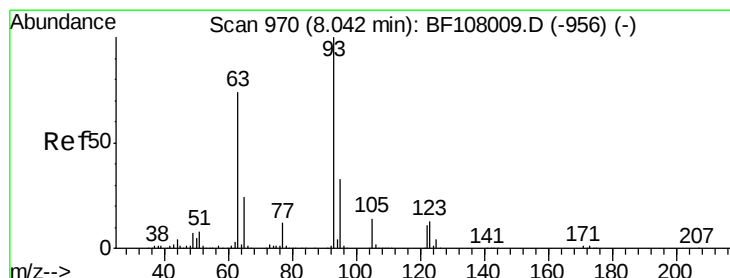
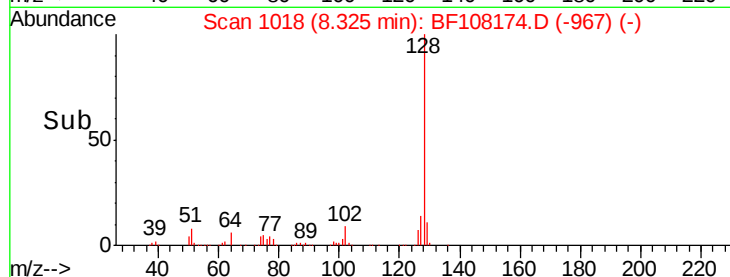
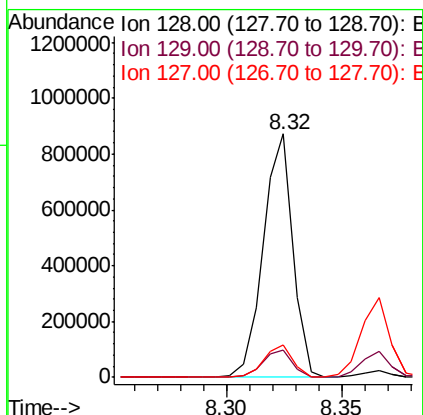
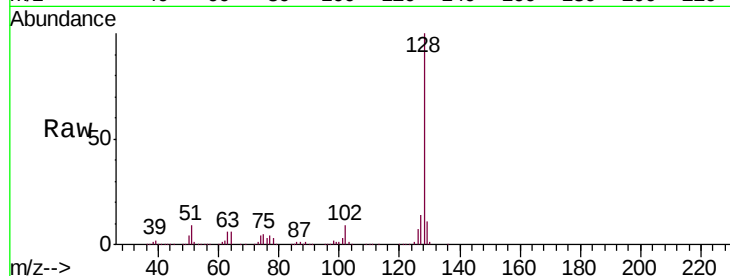




#31
Naphthalene
Concen: 23.193 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

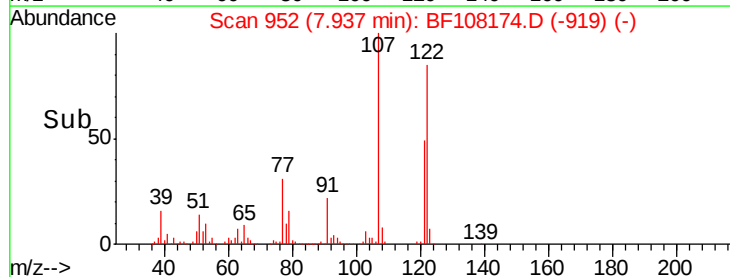
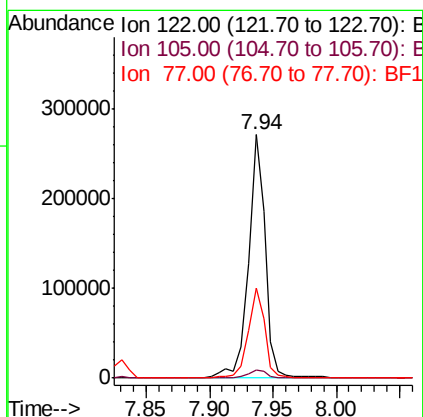
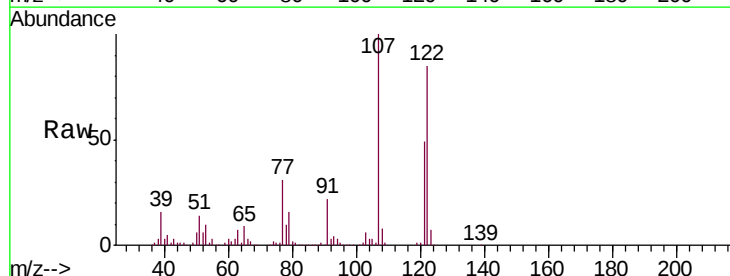
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3



#32
Benzoic acid
Concen: 39.646 ng
RT: 7.94 min Scan# 952
Delta R.T. -0.11 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.6	101.1	141.1#
77	36.9	70.7	110.7#

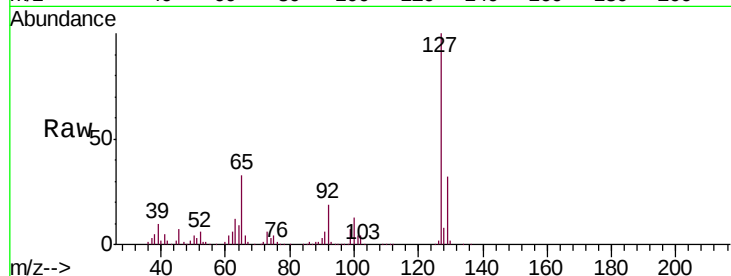




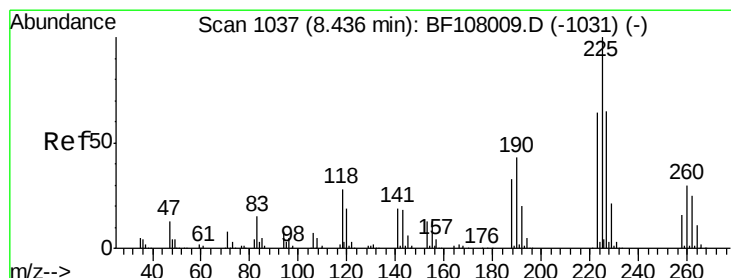
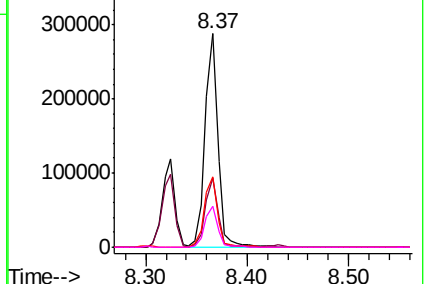
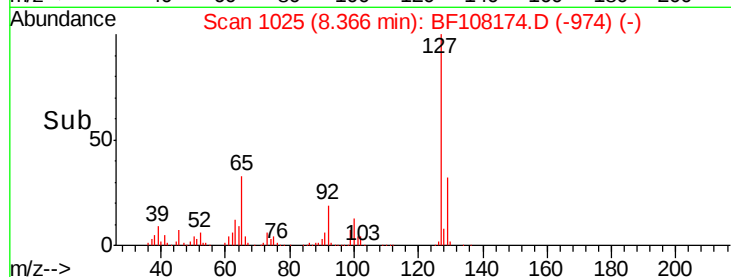
#33
4-Chloroaniline
Concen: 17.553 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tgt Ion:	127	Resp:	255874
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	32.9	25.0	37.4
92	19.0	15.2	22.8

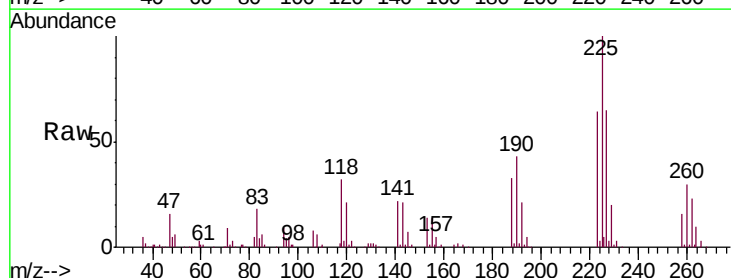


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

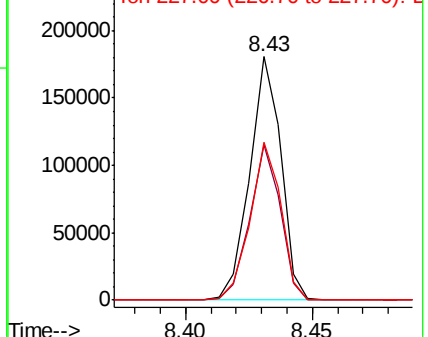
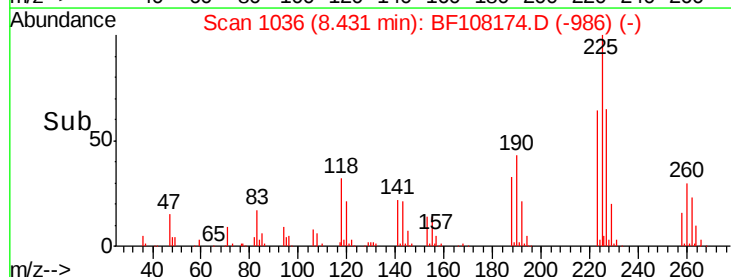


#34
Hexachlorobutadiene
Concen: 21.686 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion:	225	Resp:	155317
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	65.0	51.9	77.9



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

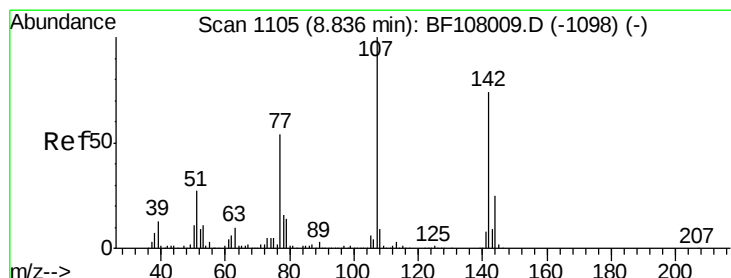
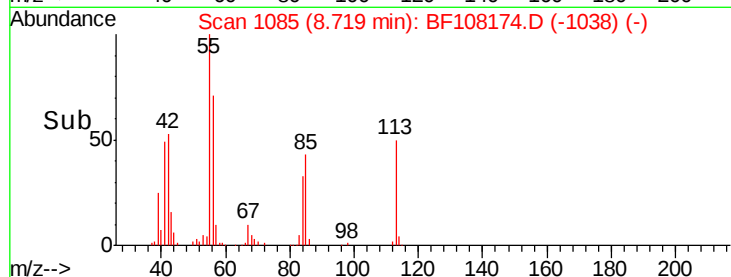
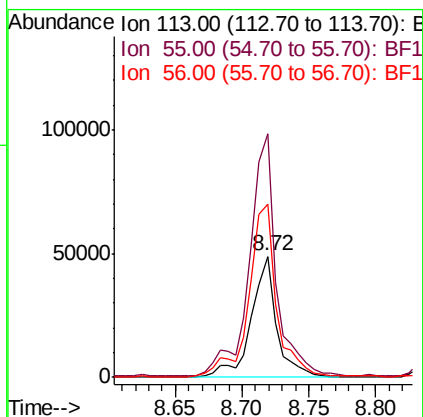
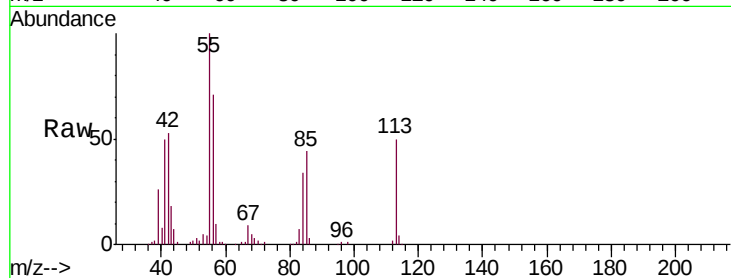




#35
 Caprolactam
 Concen: 19.856 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

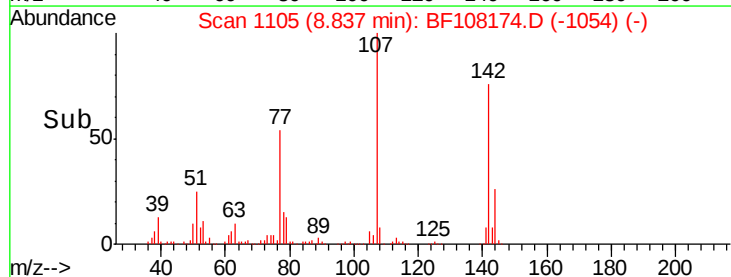
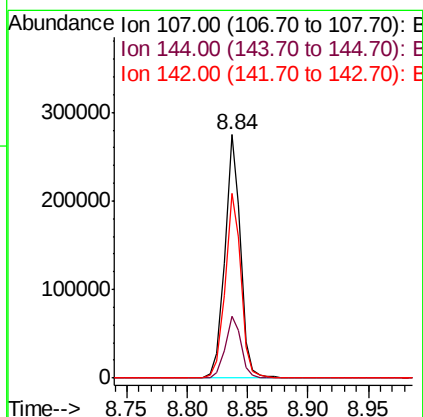
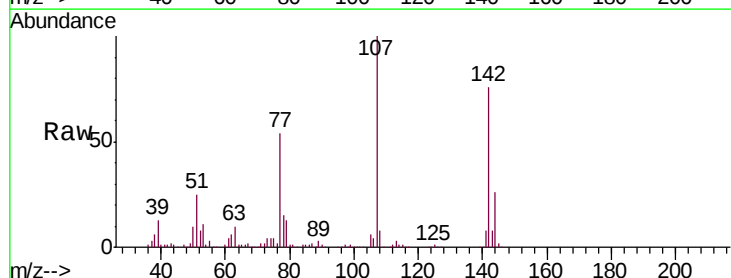
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

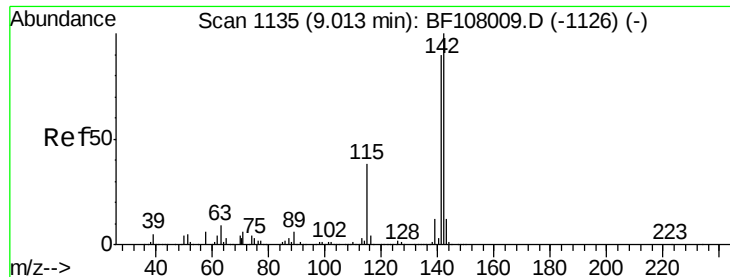
Tgt Ion:113 Resp: 63852
 Ion Ratio Lower Upper
 113 100
 55 201.0 163.3 203.3
 56 142.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 22.152 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion:107 Resp: 245222
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 75.9 62.0 93.0

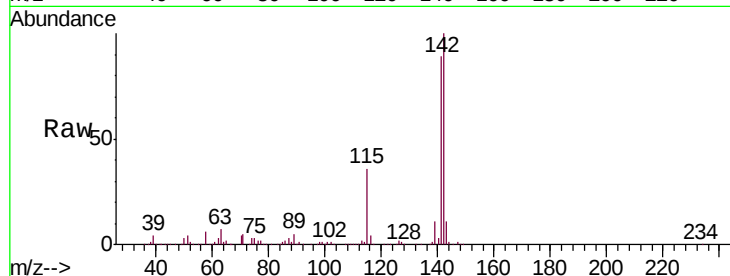




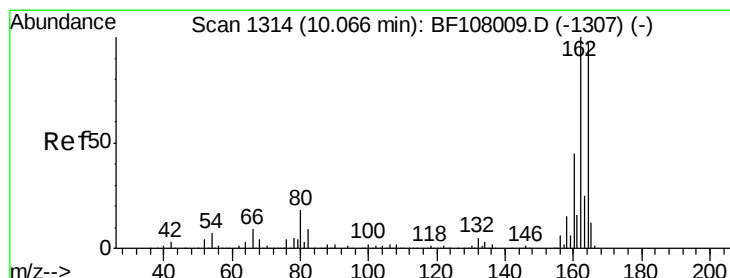
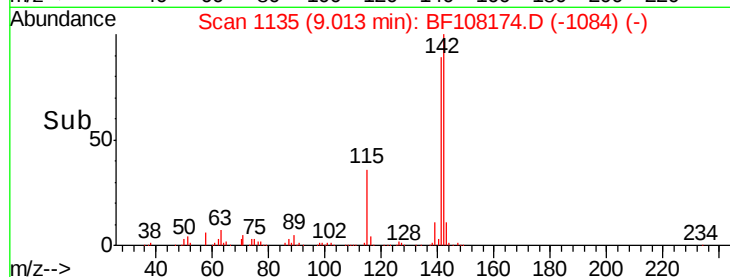
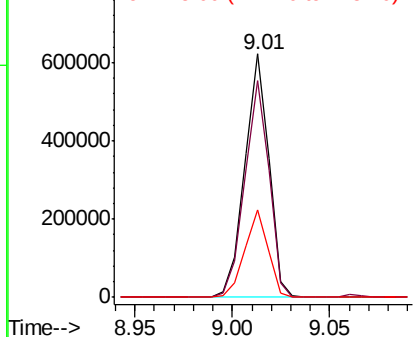
#37
 2-Methylnaphthalene
 Concen: 22.547 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion:142 Resp: 533604
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 35.7 26.1 39.1

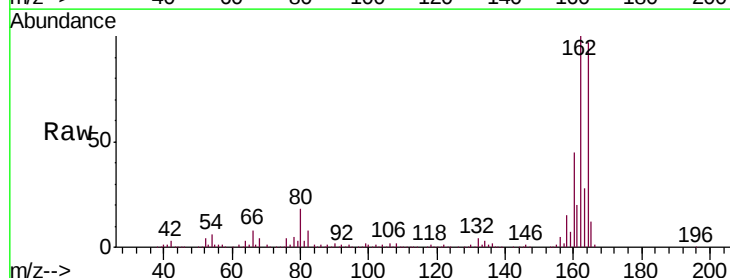


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

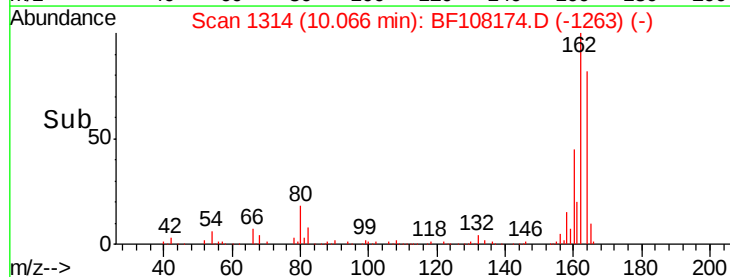
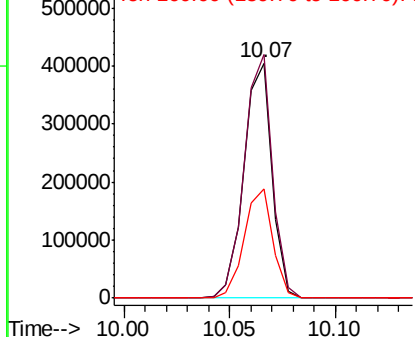


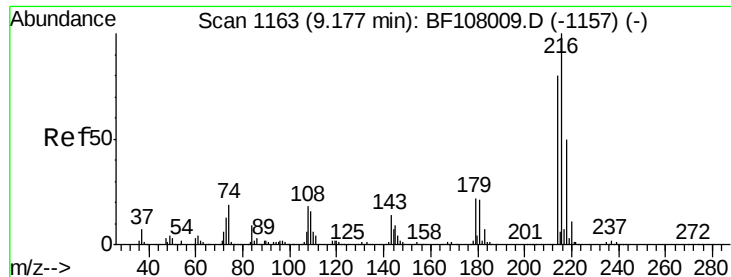
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion:164 Resp: 373553
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 46.4 38.3 57.5



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

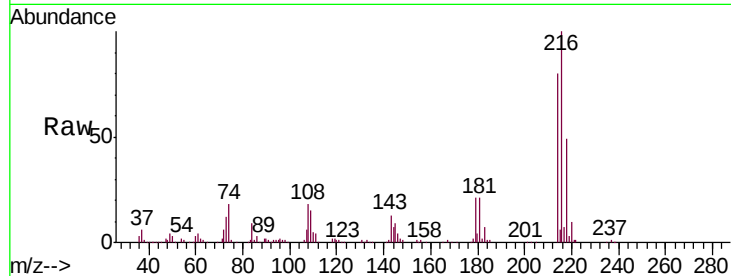




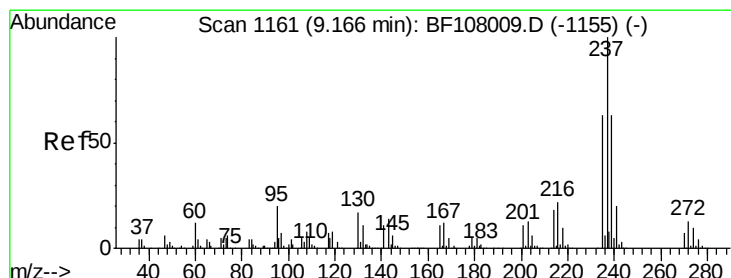
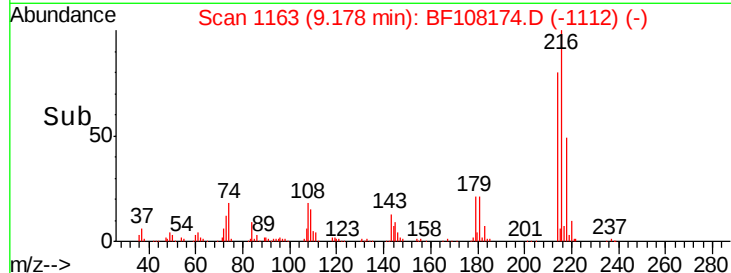
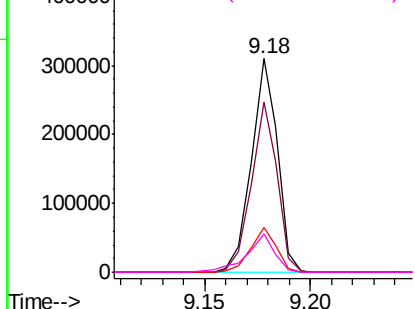
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.152 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion:	216	Resp:	265583
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.4	18.1	27.1
108	19.0	17.2	25.8

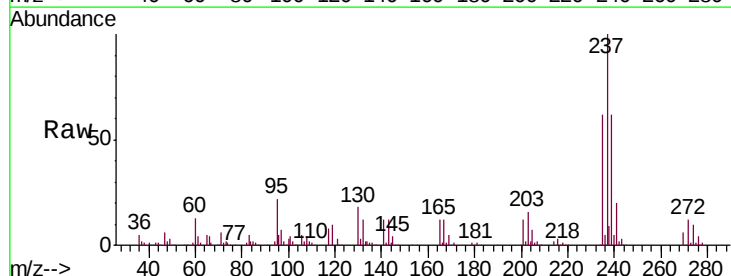


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

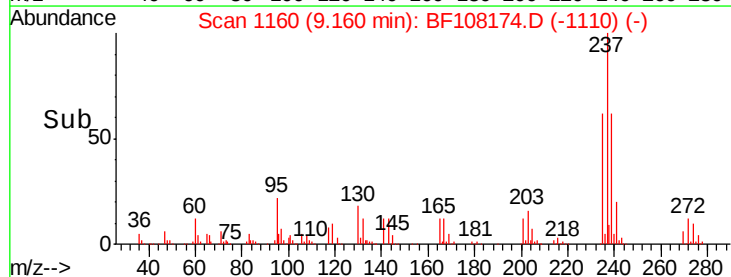
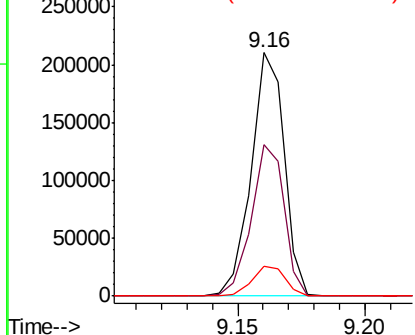


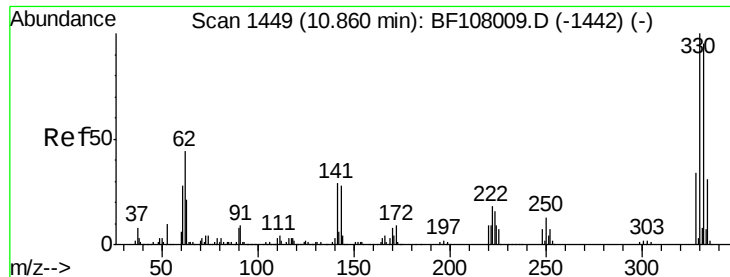
#40
 Hexachlorocyclopentadiene
 Concen: 25.895 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion:	237	Resp:	191873
Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.8	84.8
272	12.4	0.0	33.3



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

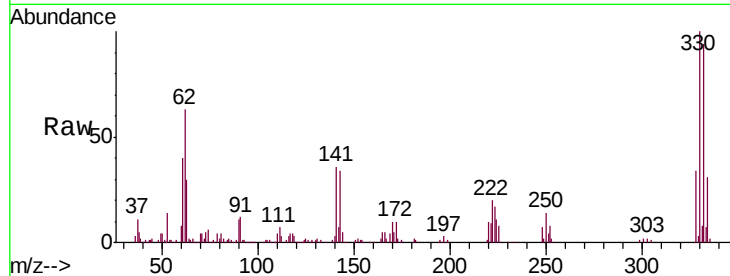




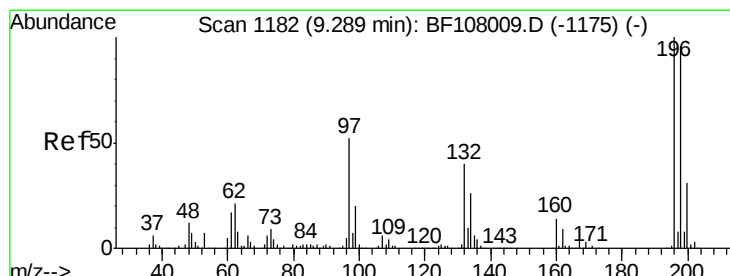
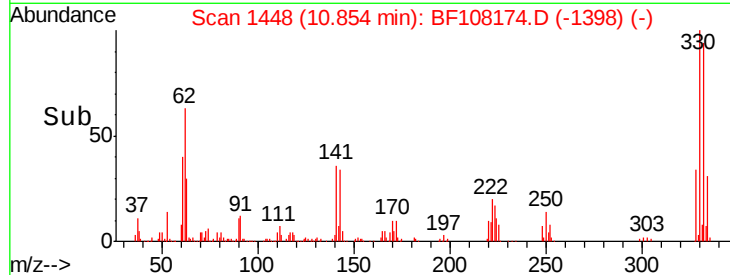
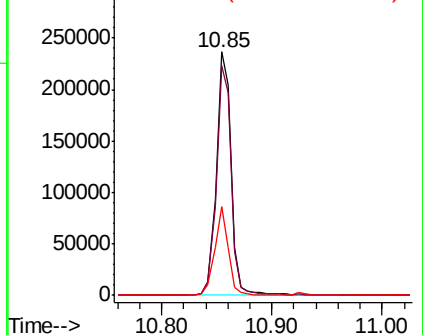
#41
 2,4,6-Tribromophenol
 Concen: 59.043 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion:330 Resp: 219999
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 33.1 29.9 44.9

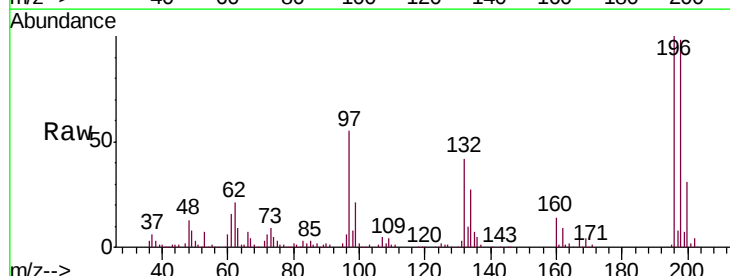


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

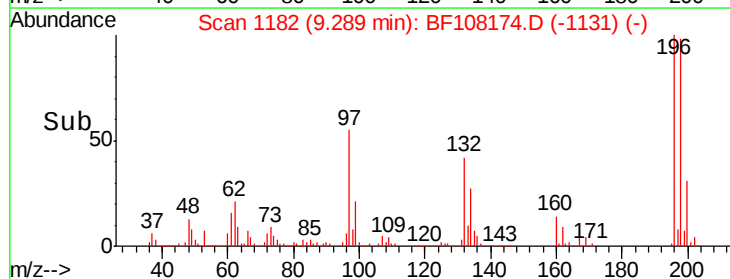
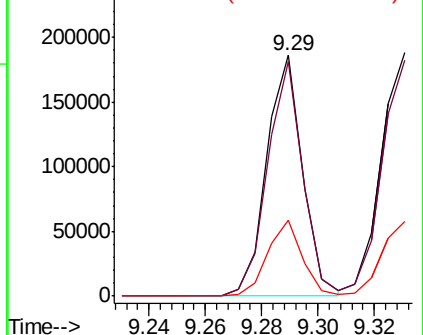


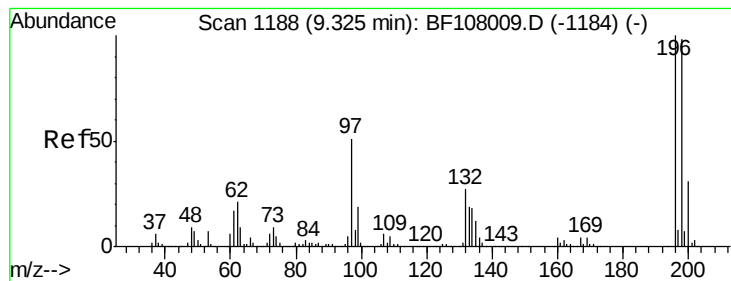
#42
 2,4,6-Trichlorophenol
 Concen: 23.045 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion:196 Resp: 164046
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.7 113.5
 200 31.5 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 21.893 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

Tgt Ion:196 Resp: 171557

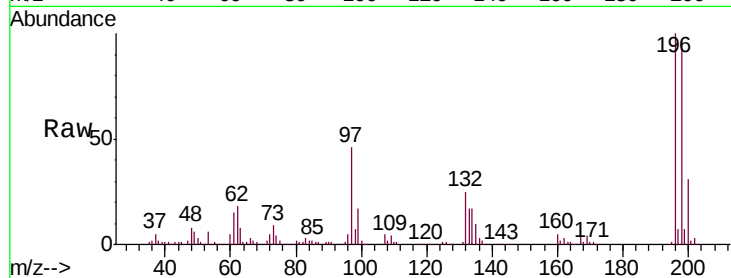
Ion Ratio Lower Upper

196 100

198 96.8 74.6 112.0

97 45.7 42.9 64.3

132 25.3 26.3 39.5#

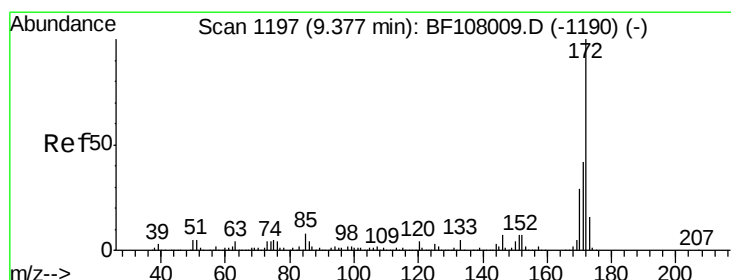
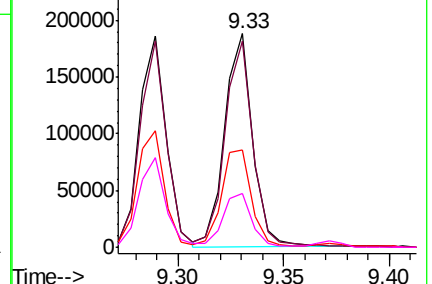
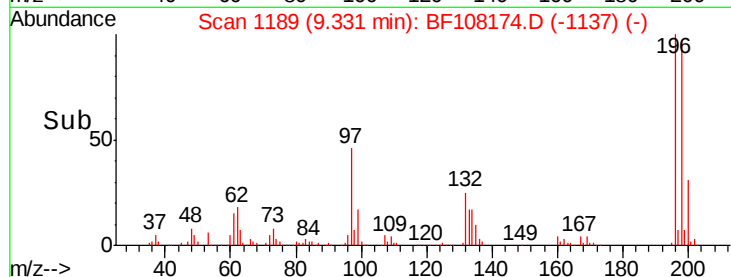


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 47.083 ng

RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

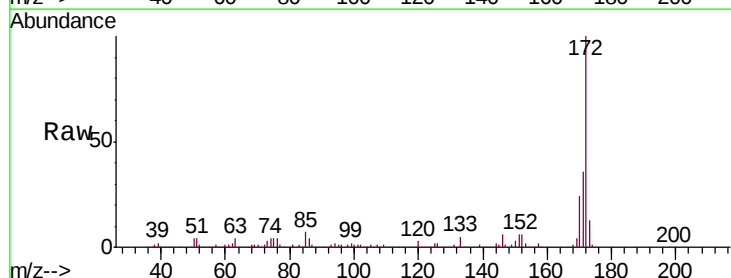
Tgt Ion:172 Resp: 1095511

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

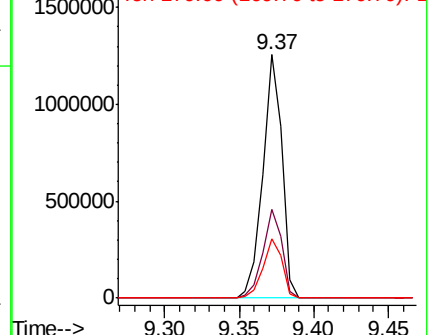
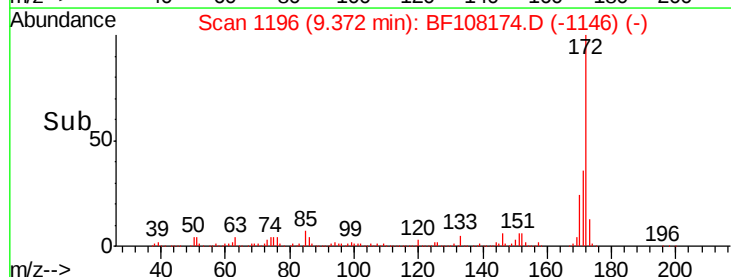
170 24.3 19.6 29.4

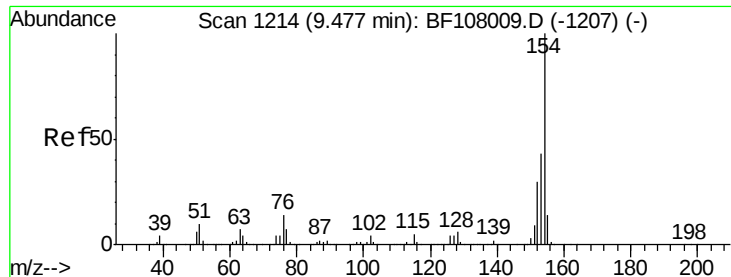


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 23.952 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

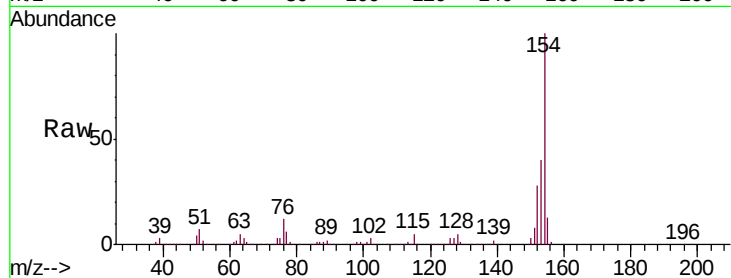
Tgt Ion:154 Resp: 659694

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

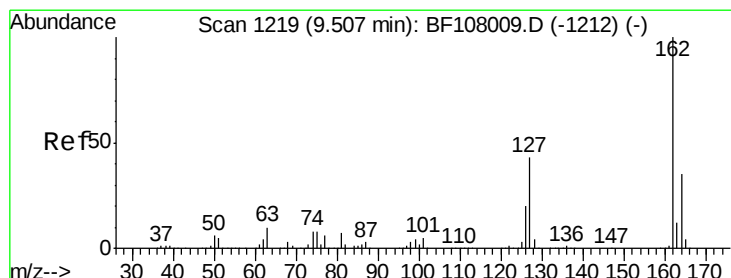
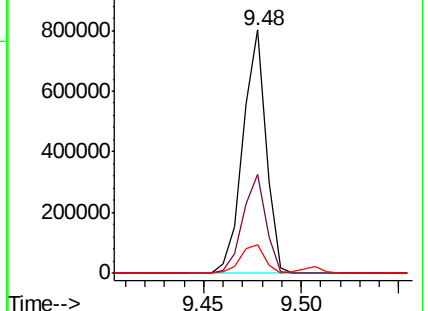
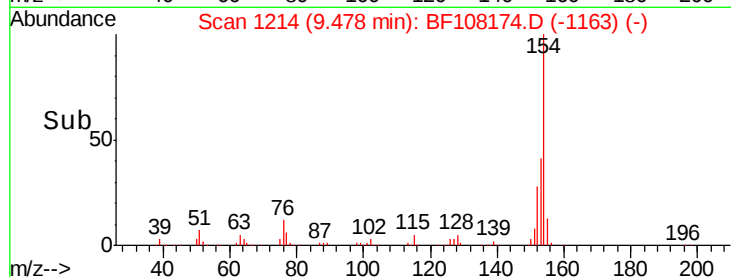
76 11.8 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 23.062 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

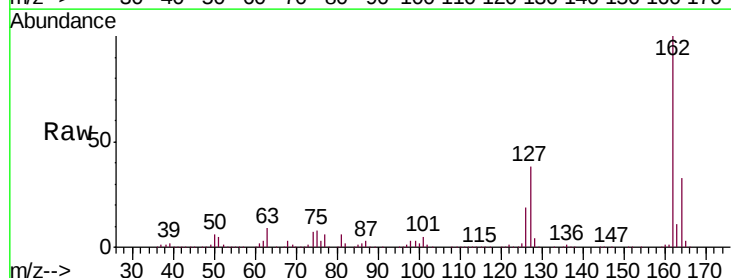
Tgt Ion:162 Resp: 502022

Ion Ratio Lower Upper

162 100

127 38.3 33.9 50.9

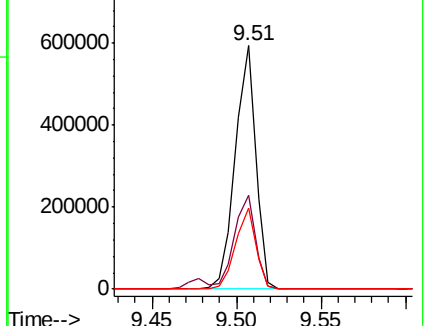
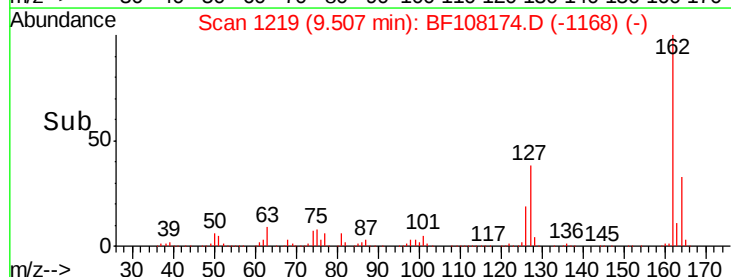
164 33.5 26.5 39.7



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

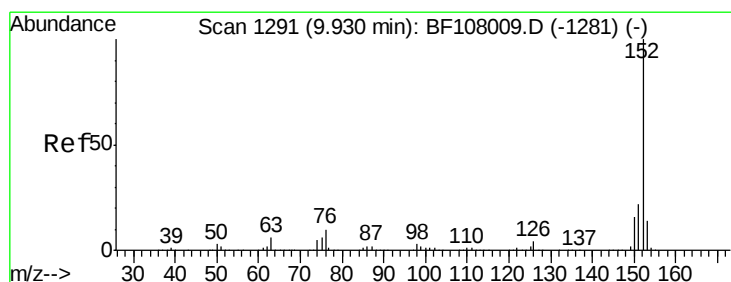
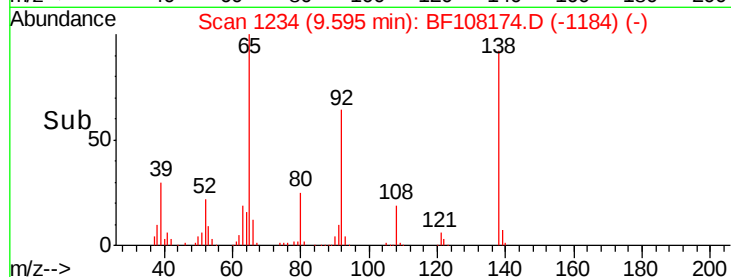
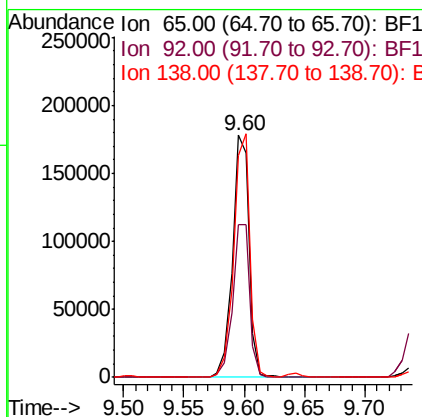
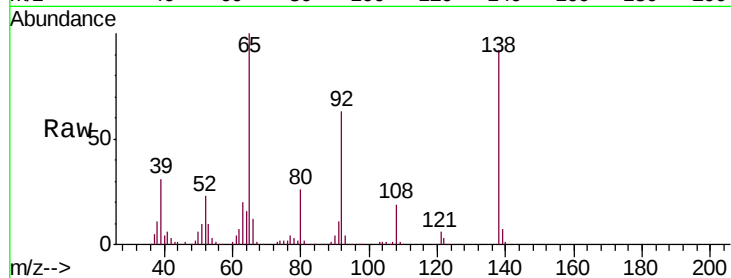




#47
2-Nitroaniline
Concen: 24.133 ng
RT: 9.60 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

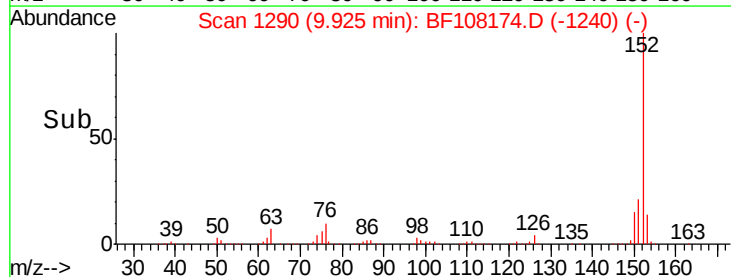
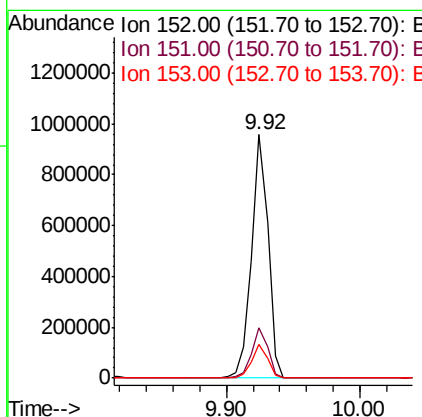
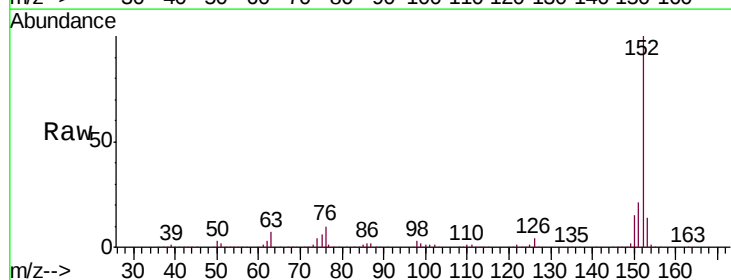
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

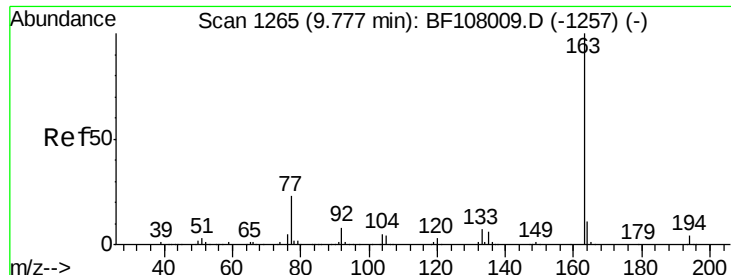
Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	55.8	83.6
138	91.7	91.2	136.8



#48
Acenaphthylene
Concen: 23.348 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.8	10.7	16.1

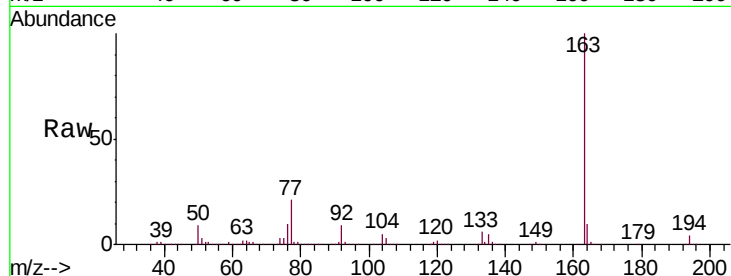




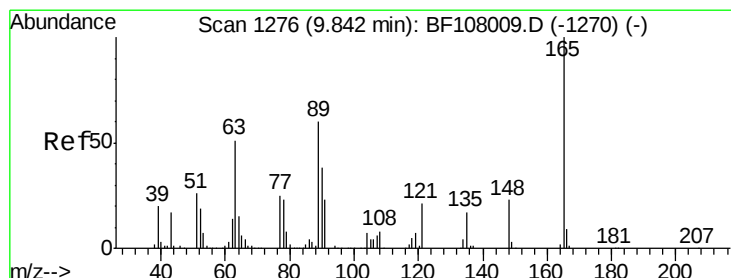
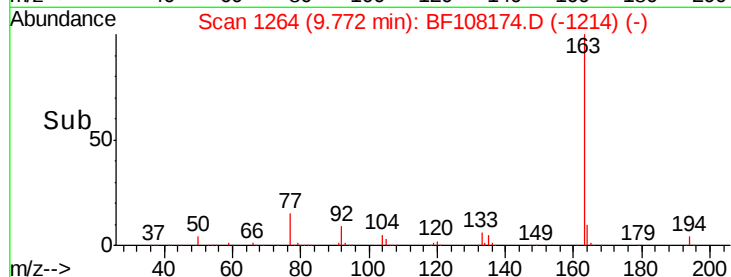
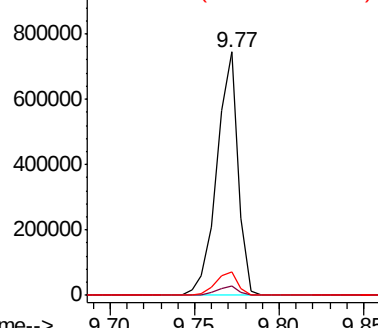
#49
Dimethylphthalate
Concen: 25.072 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2

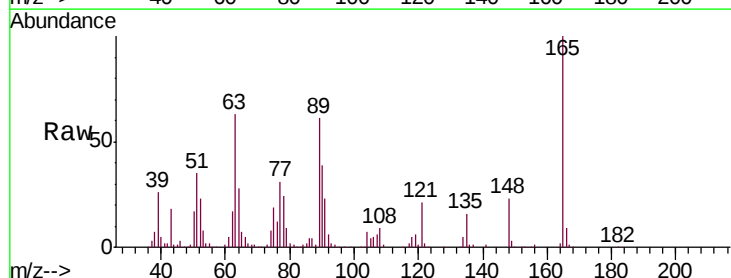


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

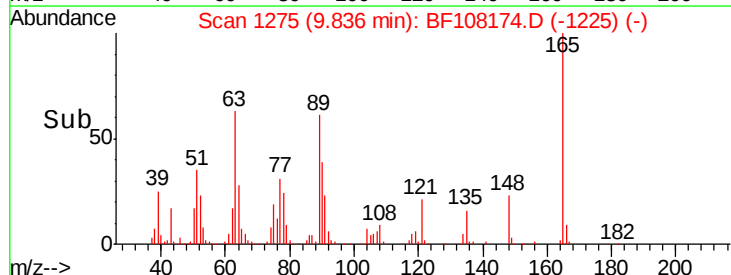
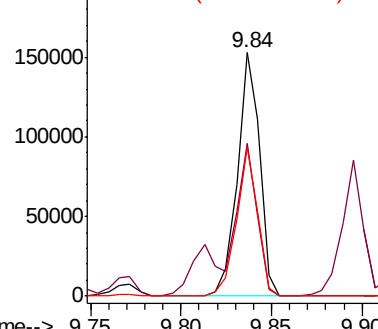


#50
2,6-Dinitrotoluene
Concen: 23.981 ng
RT: 9.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.8	44.7	67.1
89	61.2	44.0	66.0



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





#51

Acenaphthene

Concen: 22.389 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

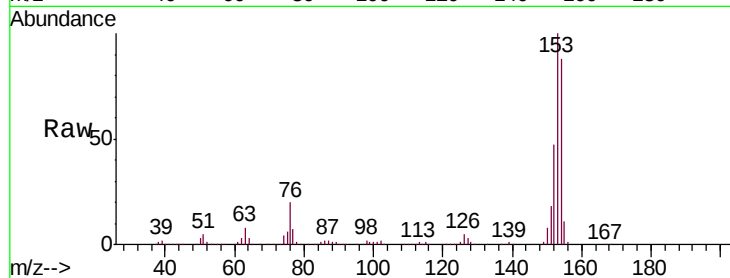
Tgt Ion:154 Resp: 471919

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

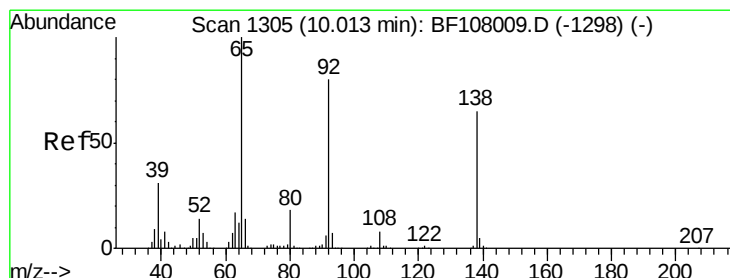
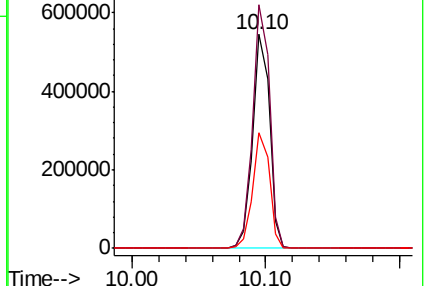
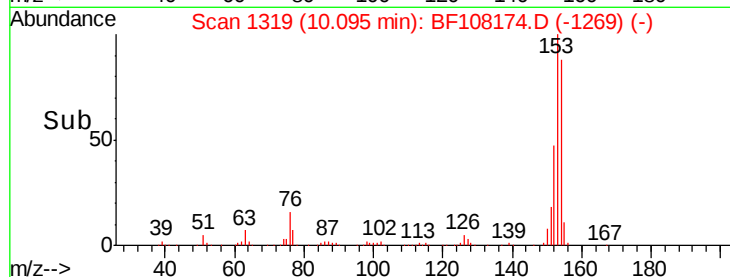
152 54.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 20.631 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

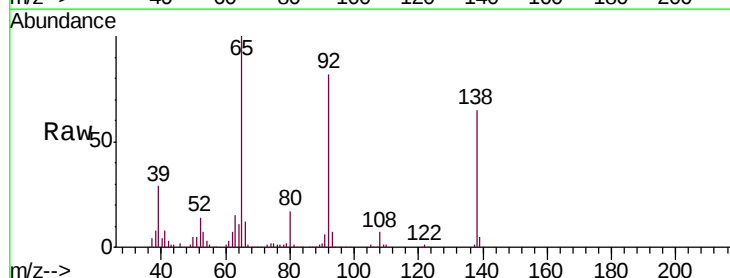
Tgt Ion:138 Resp: 122891

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

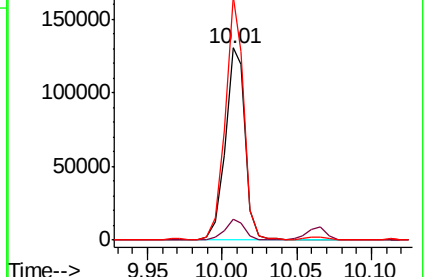
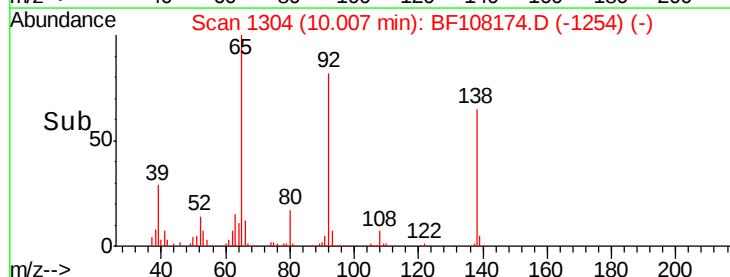
92 126.7 89.4 134.2

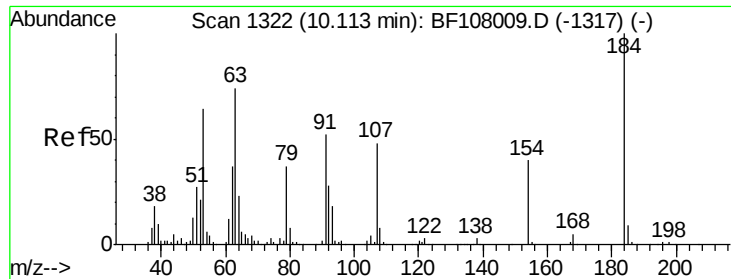


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

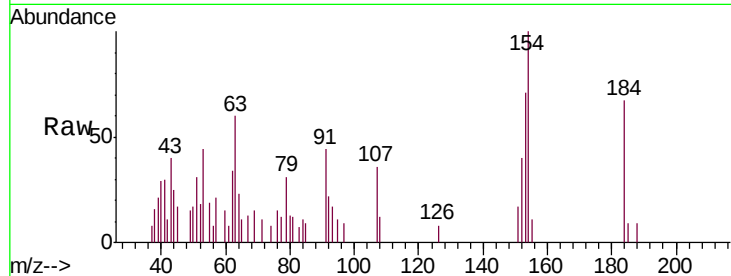




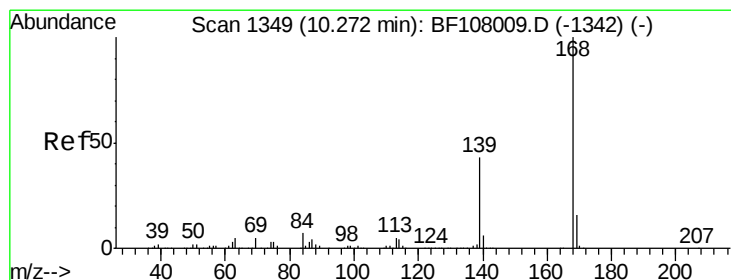
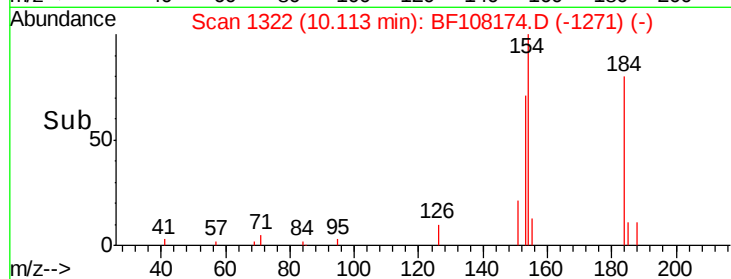
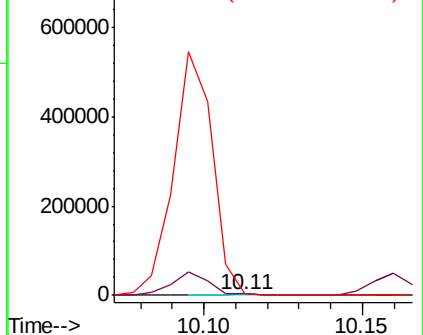
#53
 2,4-Dinitrophenol
 Concen: 8.176 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion:184 Resp: 2581
 Ion Ratio Lower Upper
 184 100
 63 90.1 54.2 81.2#
 154 149.8 184.0 276.0#

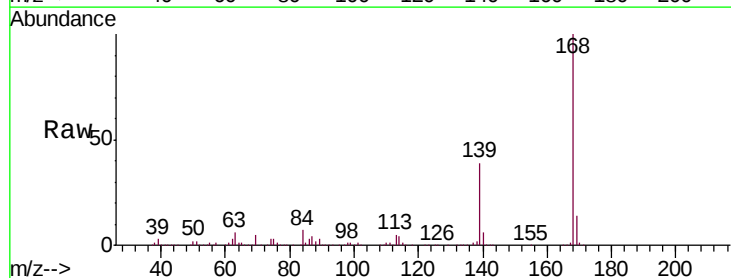


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

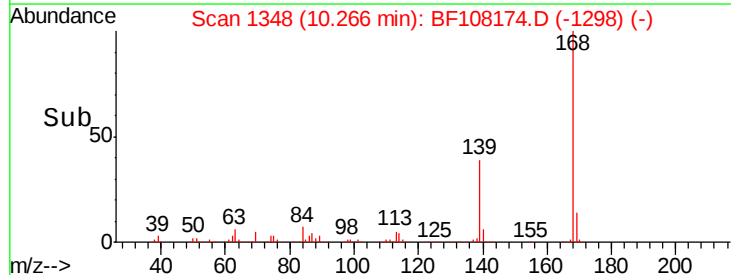
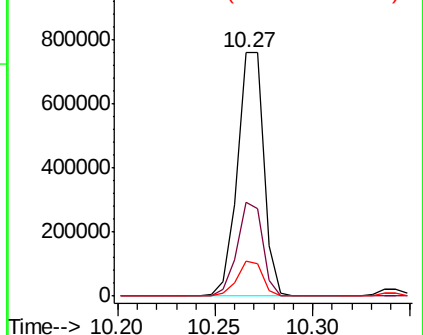


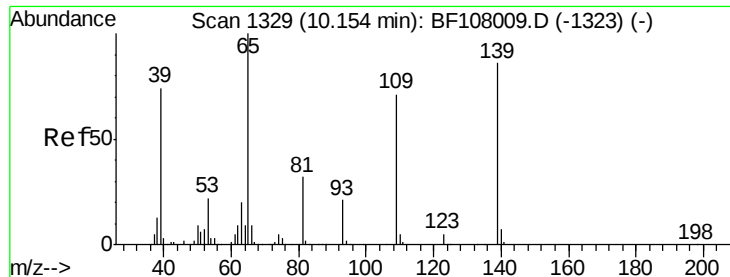
#54
 Dibenzofuran
 Concen: 23.461 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion:168 Resp: 716442
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 14.5 10.9 16.3



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

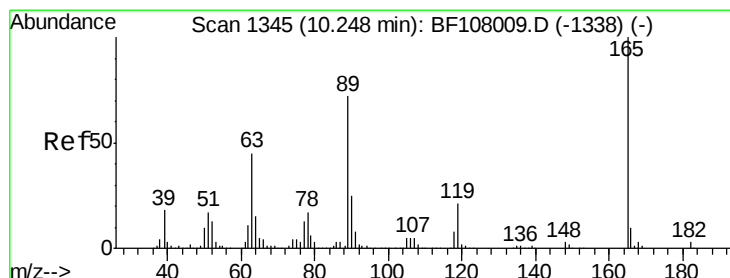
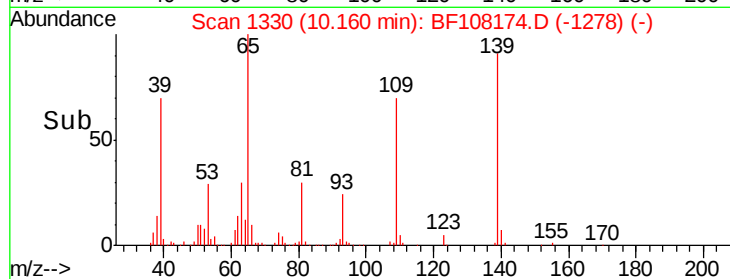
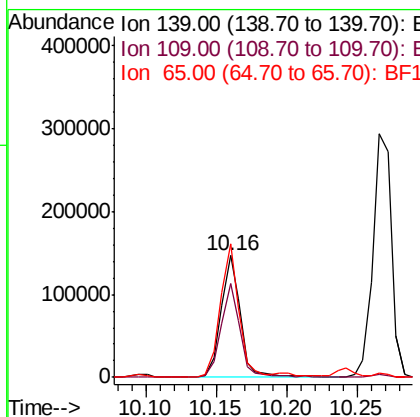
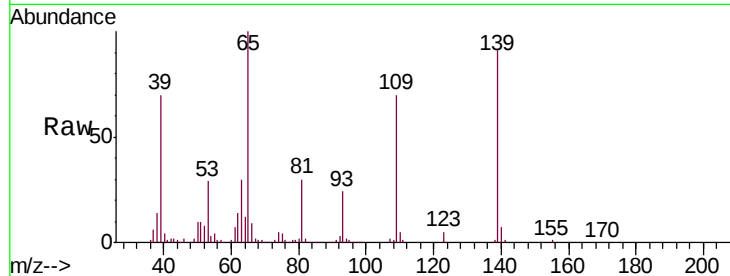




#55
4-Nitrophenol
Concen: 31.247 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

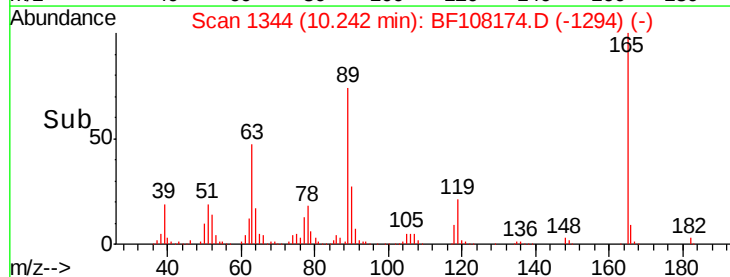
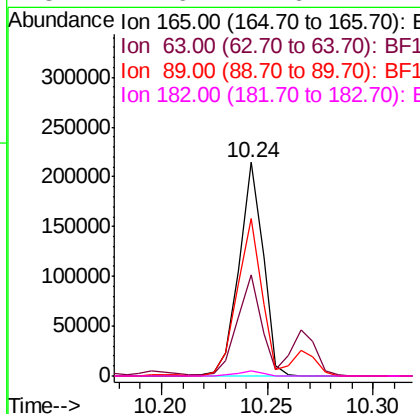
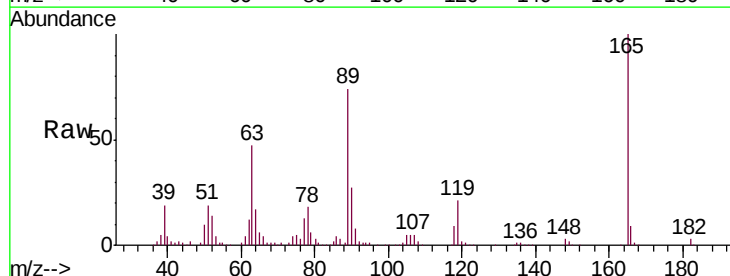
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

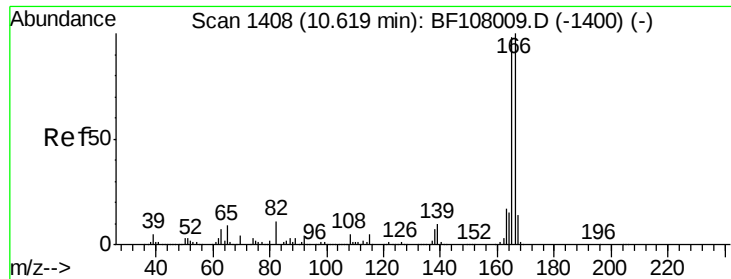
Tgt Ion:139 Resp: 140945
Ion Ratio Lower Upper
139 100
109 77.4 48.4 88.4
65 110.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 24.156 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion:165 Resp: 169277
Ion Ratio Lower Upper
165 100
63 47.3 36.4 54.6
89 74.0 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 23.172 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

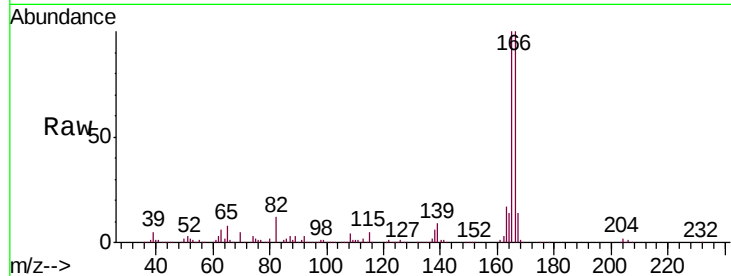
Tgt Ion:166 Resp: 560161

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

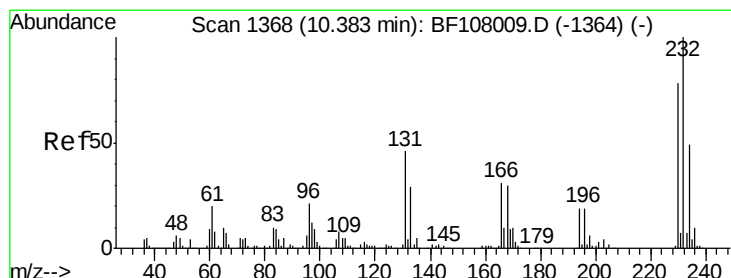
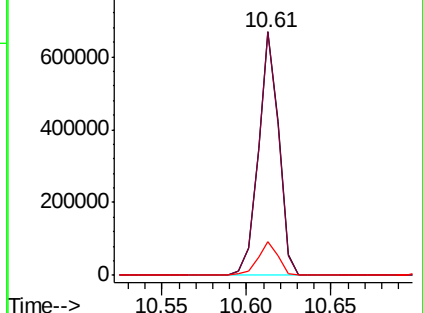
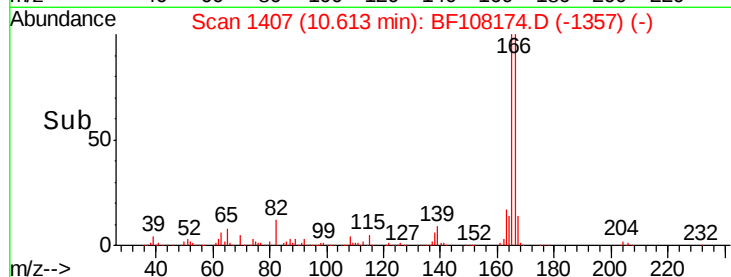
167 14.0 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.111 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Tgt Ion:232 Resp: 112071

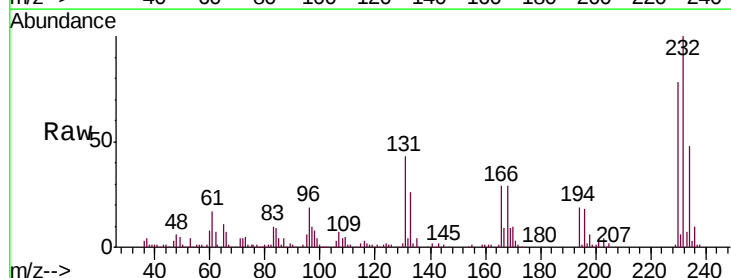
Ion Ratio Lower Upper

232 100

131 42.6 43.8 65.8#

130 2.3 2.1 3.1

166 29.8 27.8 41.6

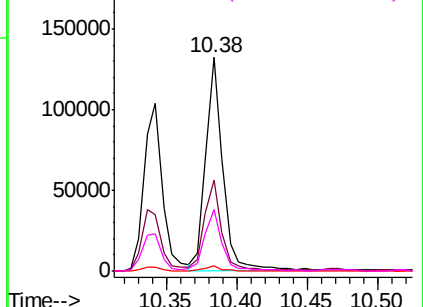
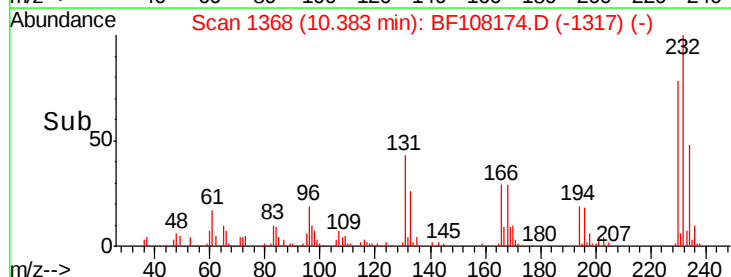


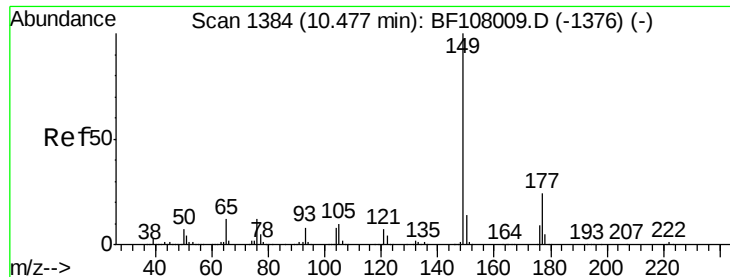
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 23.656 ng

RT: 10.47 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

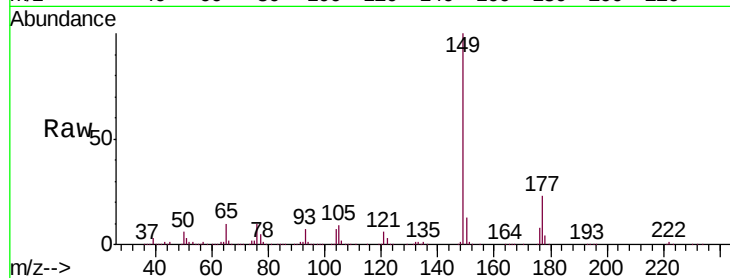
Tgt Ion:149 Resp: 596052

Ion Ratio Lower Upper

149 100

177 23.1 16.1 24.1

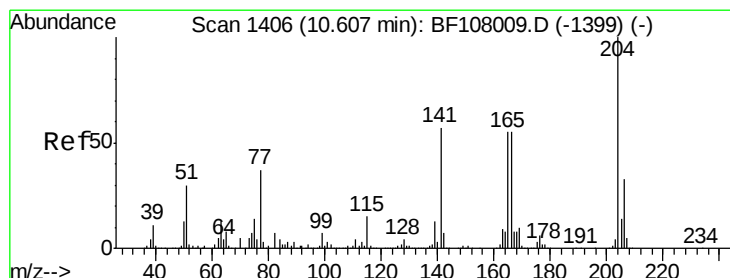
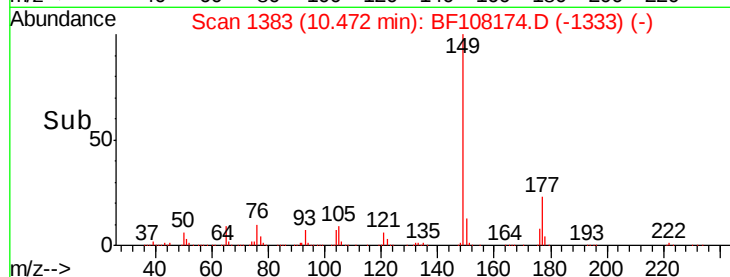
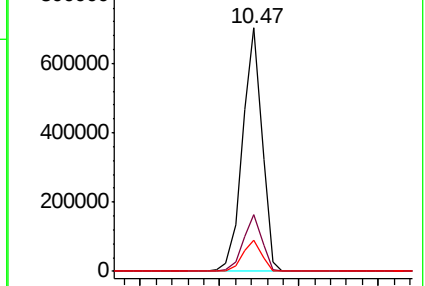
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.431 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

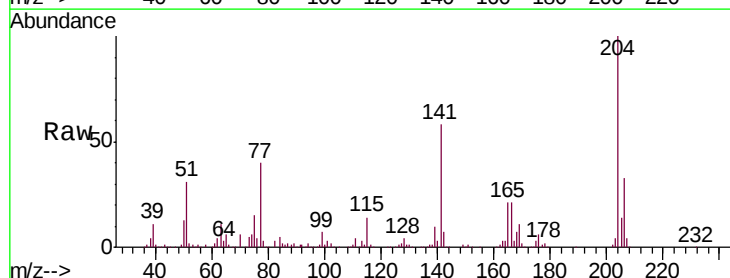
Tgt Ion:204 Resp: 282557

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

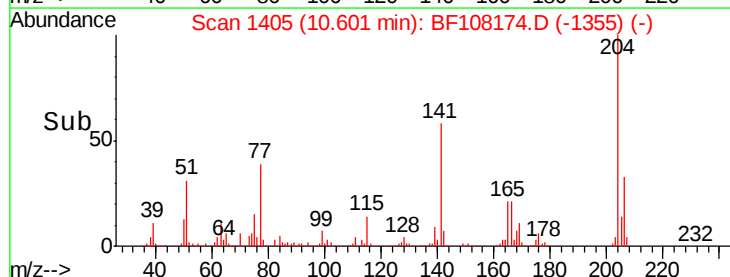
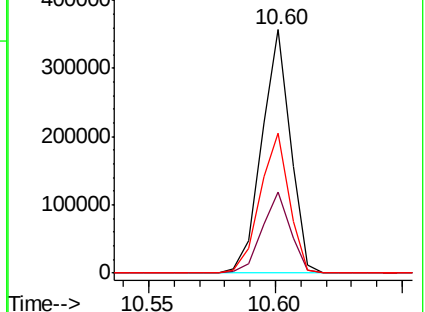
141 57.7 54.6 81.8

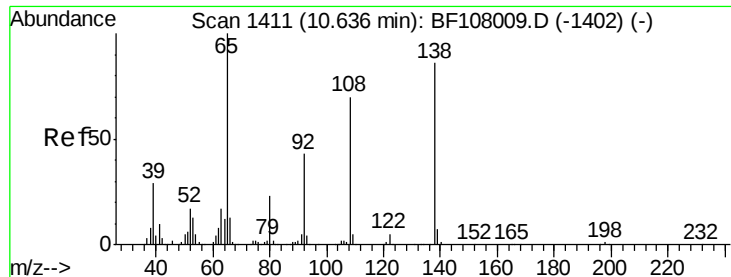


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

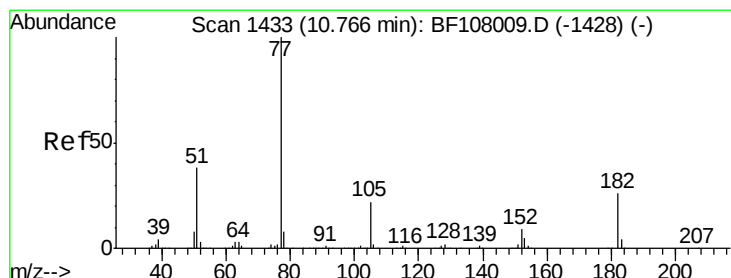
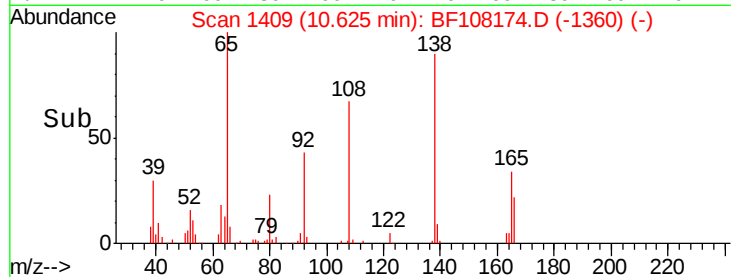
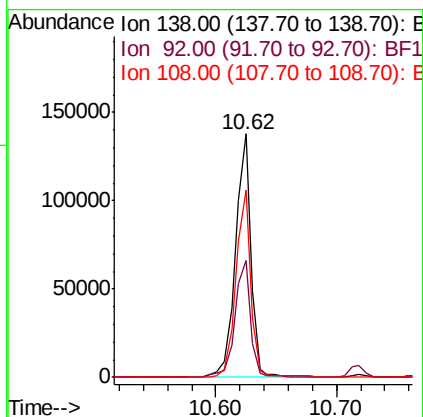
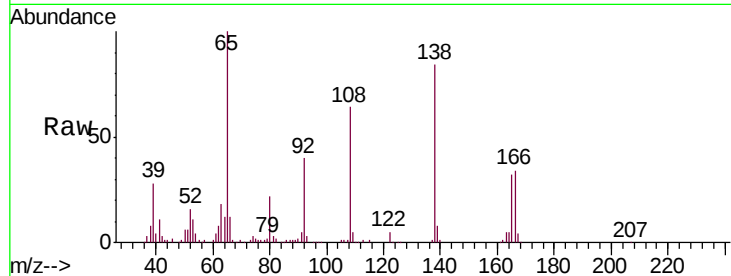




#61
4-Nitroaniline
Concen: 21.258 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

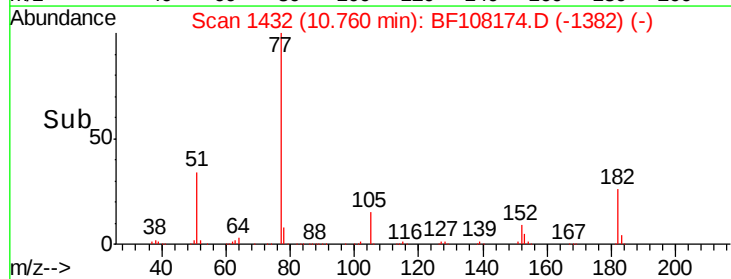
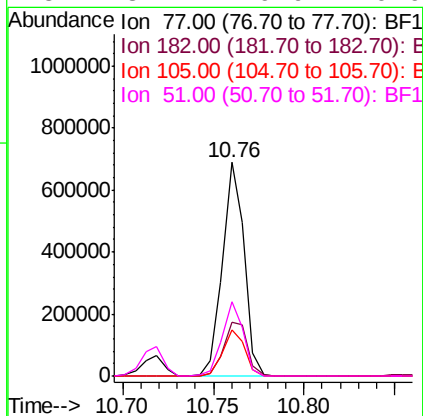
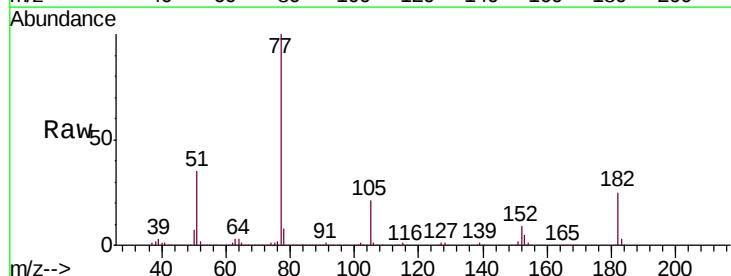
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

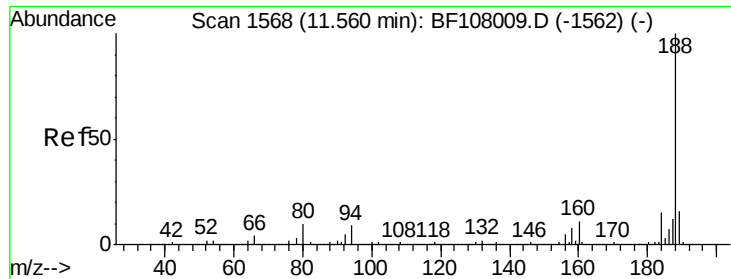
Tgt Ion: 138 Resp: 125190
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 76.7 52.5 92.5



#62
Azobenzene
Concen: 21.990 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion: 77 Resp: 572230
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 21.4 3.0 43.0
51 34.7 9.9 49.9

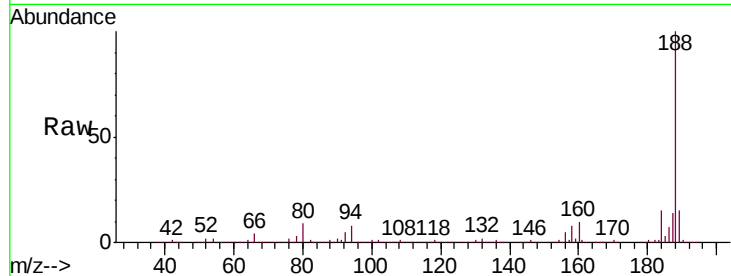




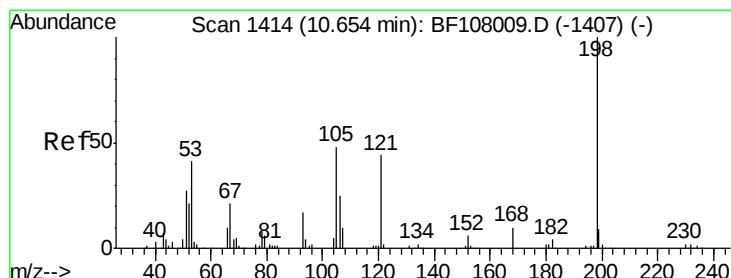
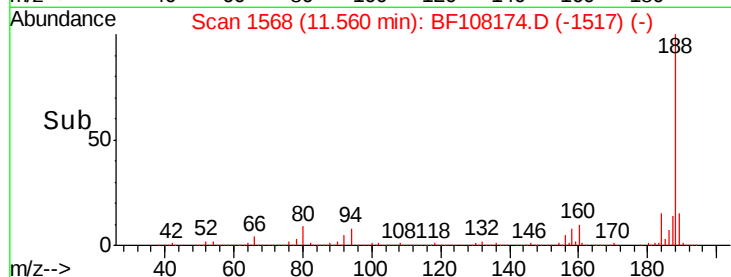
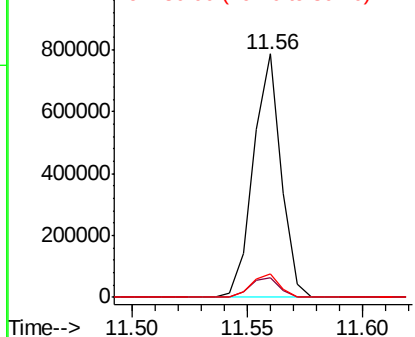
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion:188 Resp: 662979
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 9.4 9.2 13.8

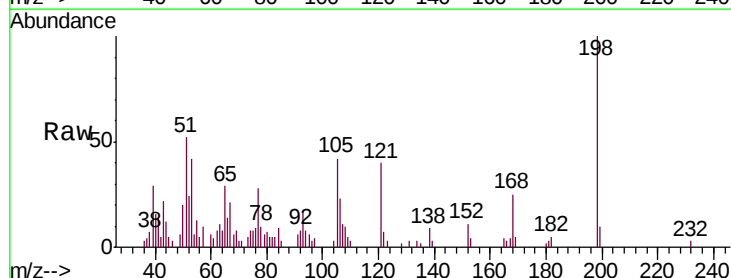


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

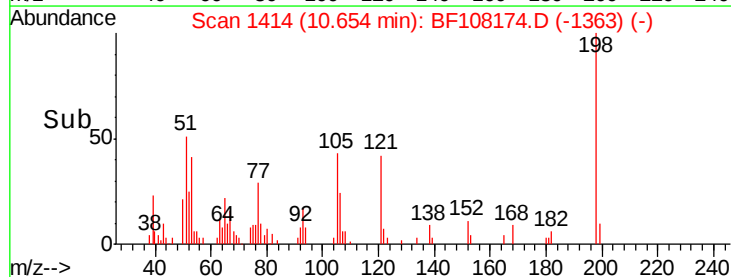
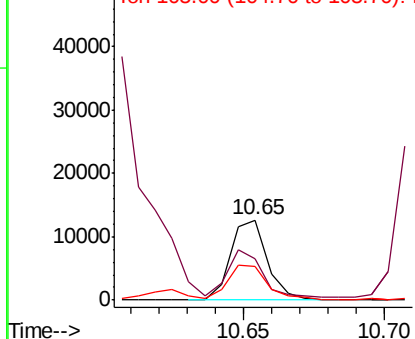


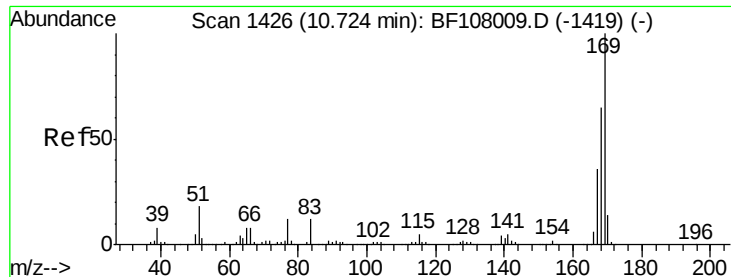
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.406 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion:198 Resp: 11341
 Ion Ratio Lower Upper
 198 100
 51 51.8 37.7 77.7
 105 41.6 36.3 76.3



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

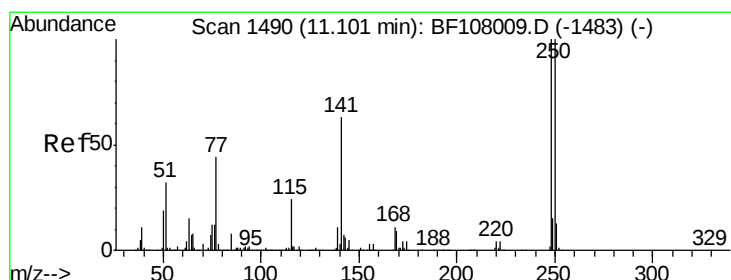
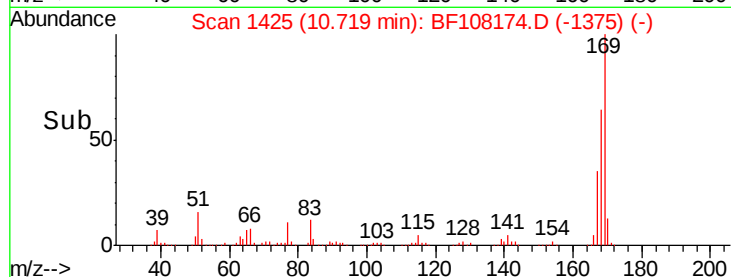
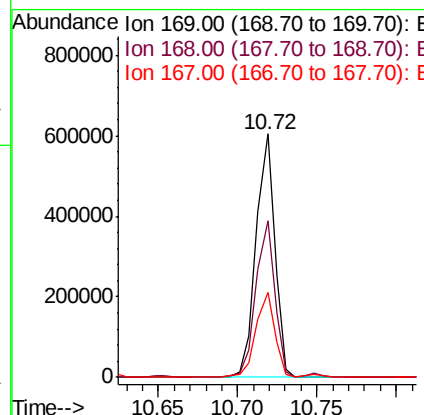
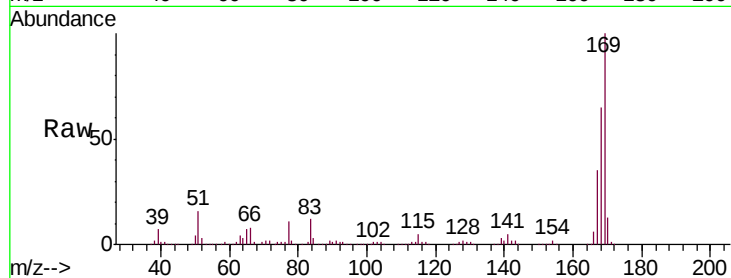




#65
n-Nitrosodiphenylamine
Concen: 25.468 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

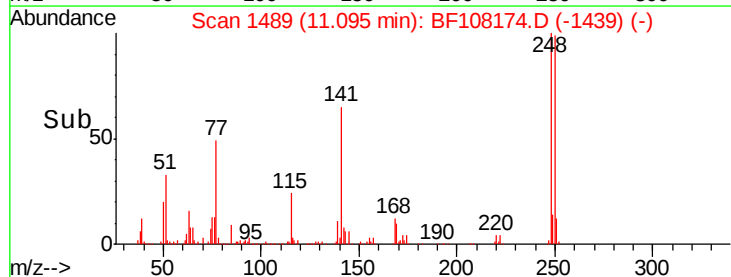
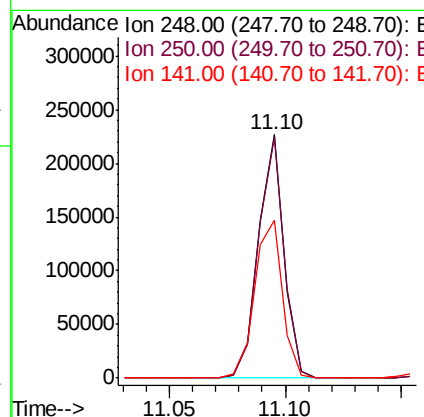
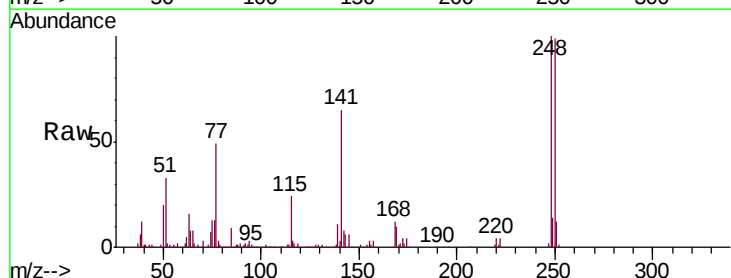
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

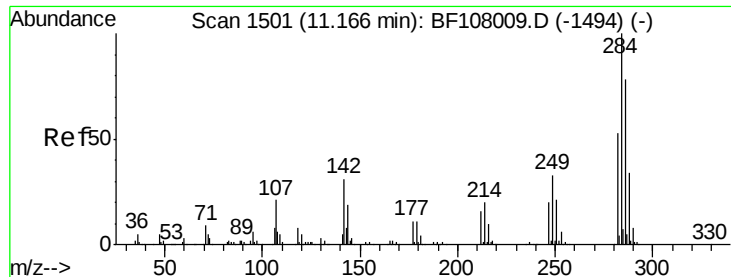
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	498962		
168	64.5	54.4	81.6	
167	34.9	29.8	44.6	



#66
4-Bromophenyl-phenylether
Concen: 24.376 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	175627		
250	99.1	76.9	115.3	
141	64.9	74.4	111.6	

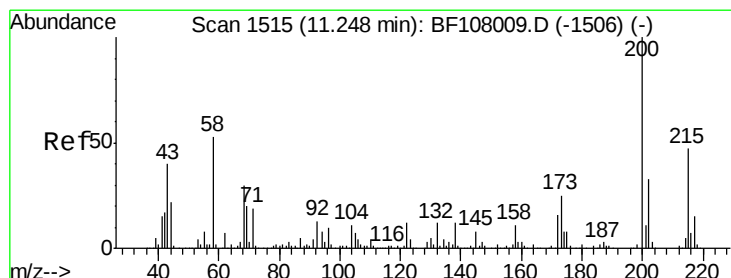
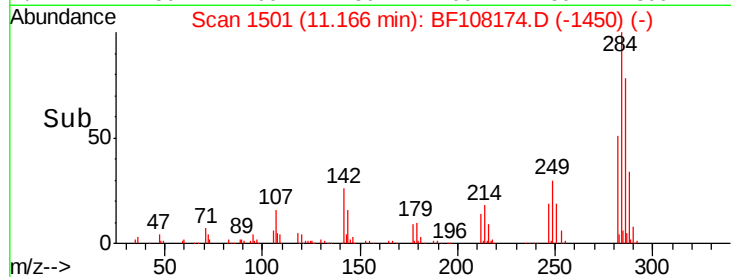
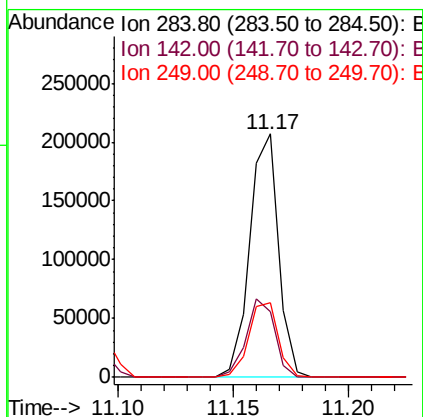
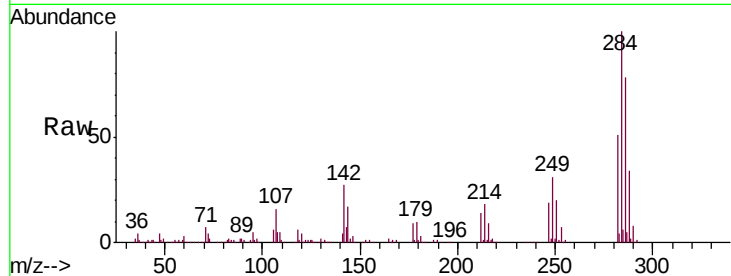




#67
Hexachlorobenzene
Concen: 23.873 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

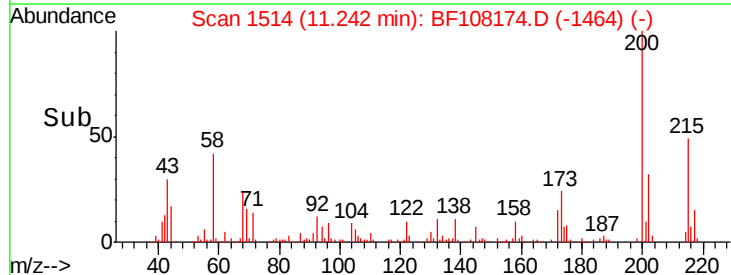
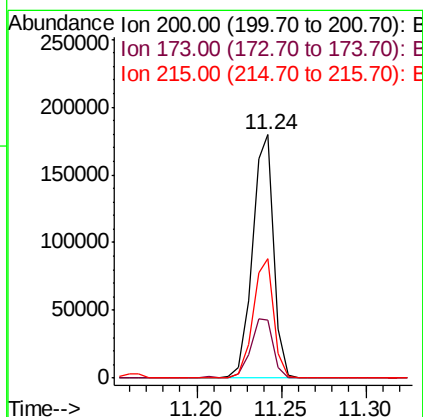
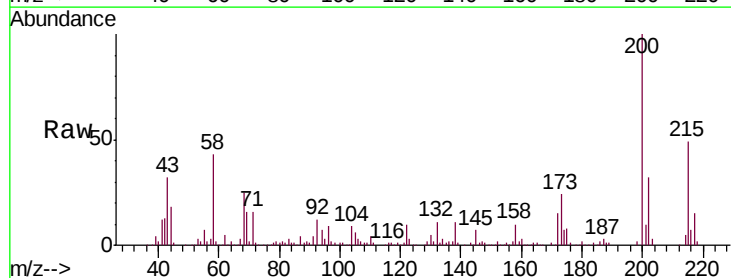
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

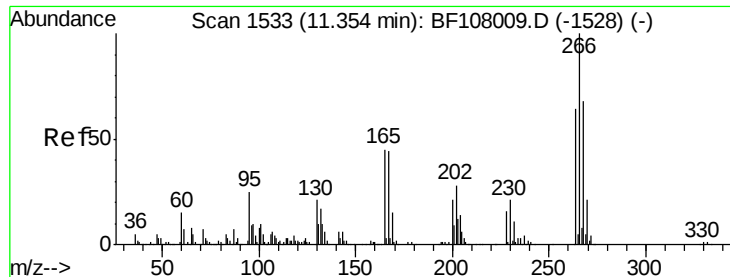
Tgt Ion:284 Resp: 180970
Ion Ratio Lower Upper
284 100
142 26.9 34.6 52.0#
249 30.8 24.8 37.2



#68
Atrazine
Concen: 24.024 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion:200 Resp: 157862
Ion Ratio Lower Upper
200 100
173 23.9 8.6 48.6
215 49.3 25.1 65.1

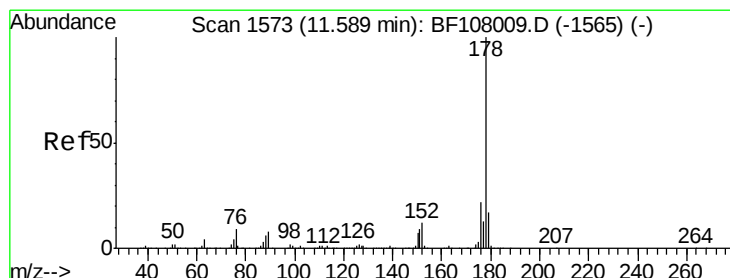
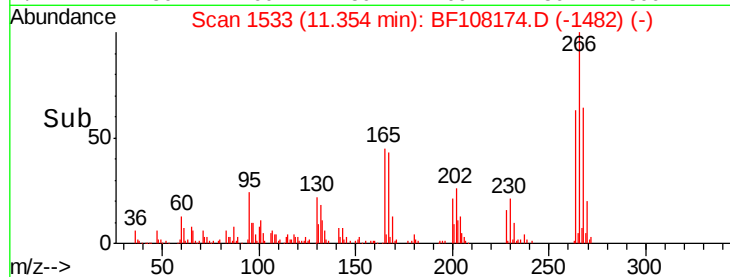
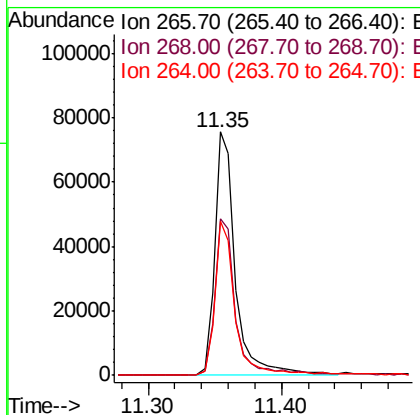
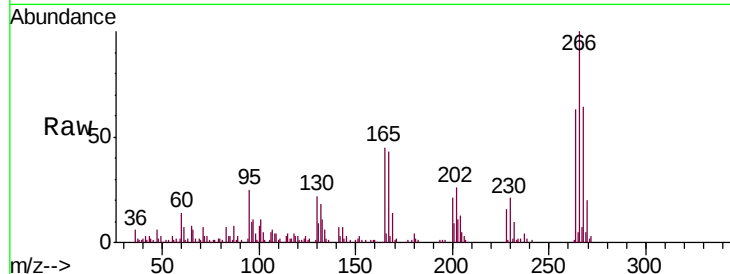




#69
 Pentachlorophenol
 Concen: 22.760 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

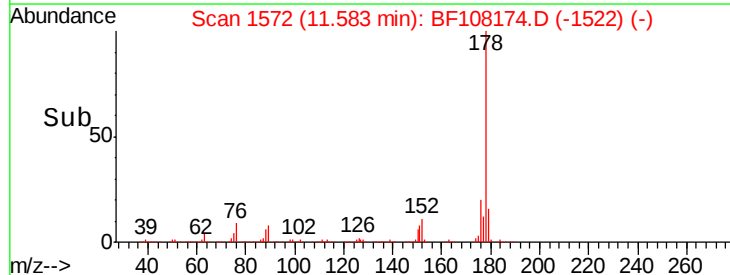
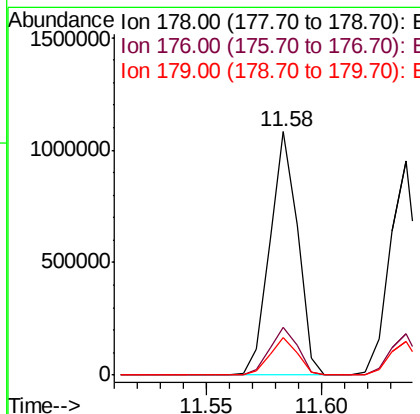
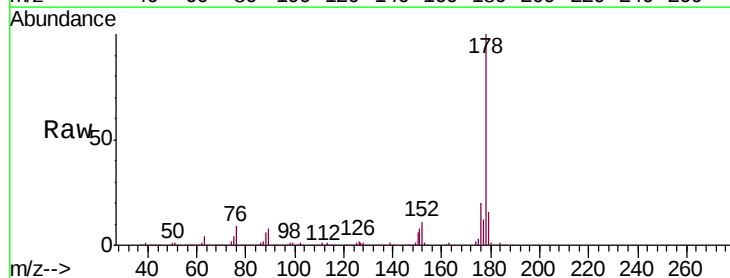
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

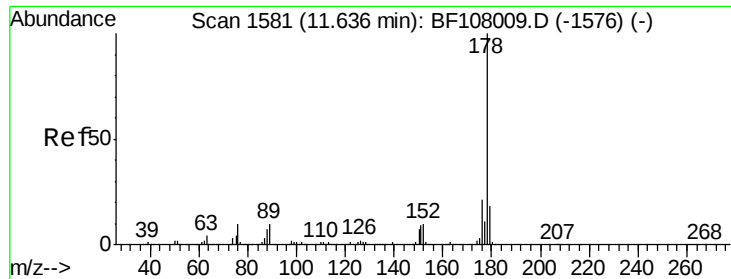
Tgt Ion: 266 Resp: 82581
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 28.967 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion: 178 Resp: 905795
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6

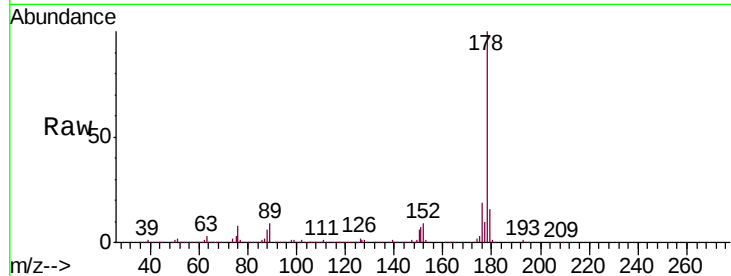




#71
 Anthracene
 Concen: 24.501 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

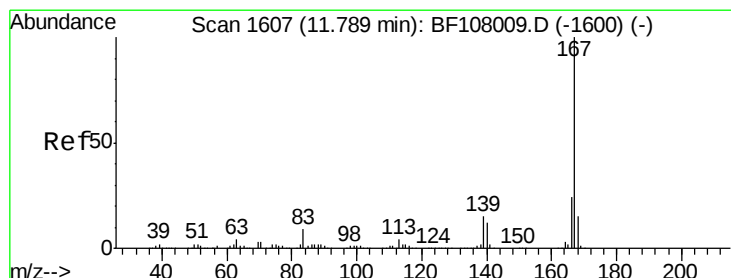
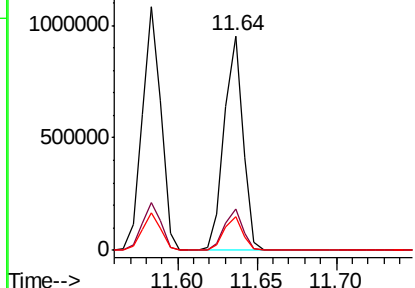
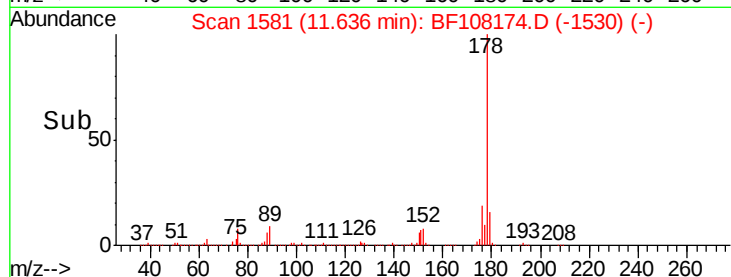


Abundance

Ion 178.00 (177.70 to 178.70): E

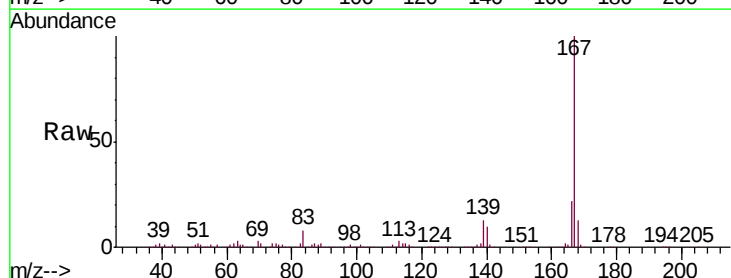
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 22.038 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.6	10.9	16.3

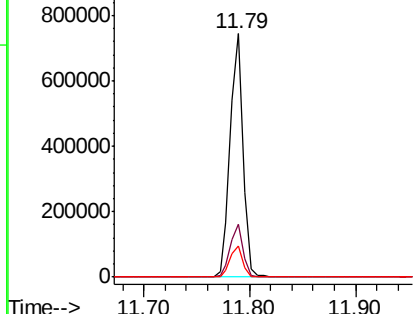
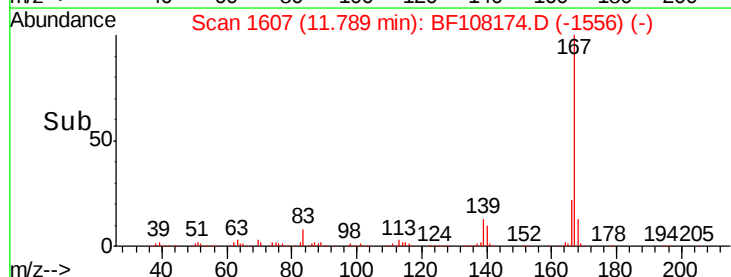


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 25.574 ng

RT: 12.10 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

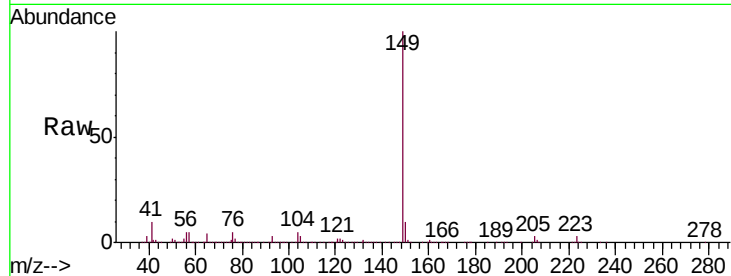
Tgt Ion:149 Resp: 824845

Ion Ratio Lower Upper

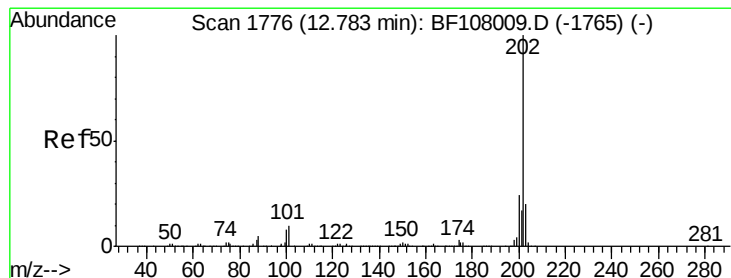
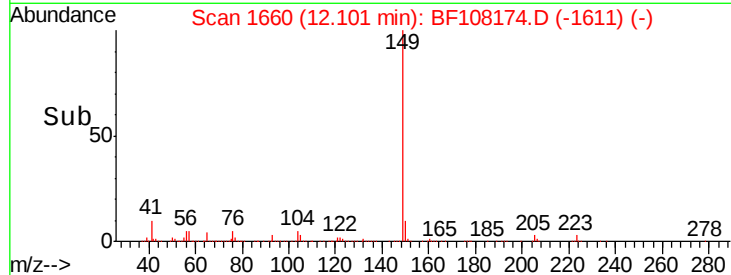
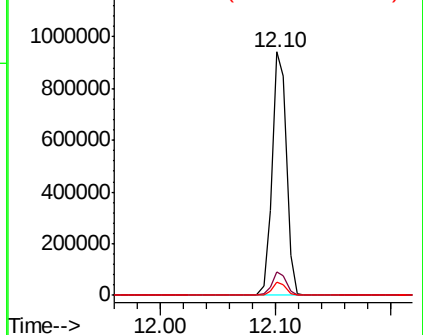
149 100

150 9.6 7.8 11.6

104 5.4 3.8 5.8



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



#74

Fluoranthene

Concen: 23.989 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

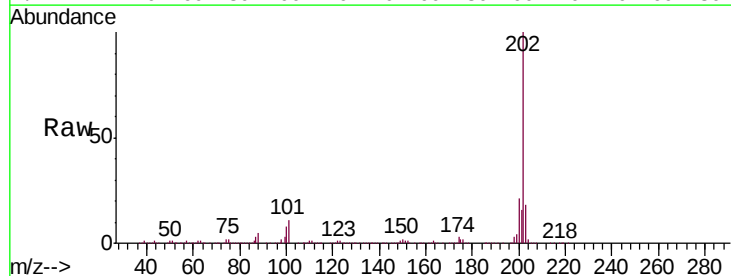
Tgt Ion:202 Resp: 818697

Ion Ratio Lower Upper

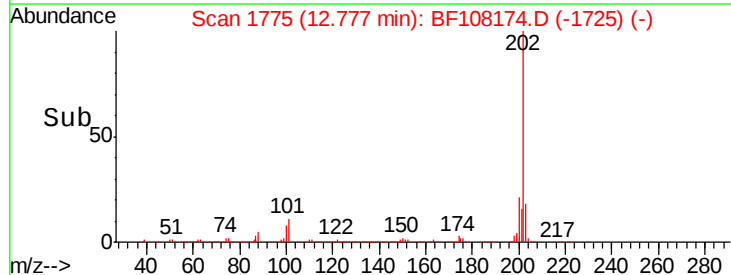
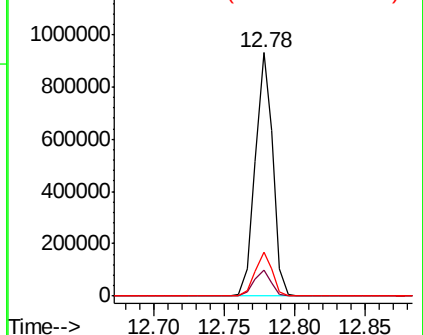
202 100

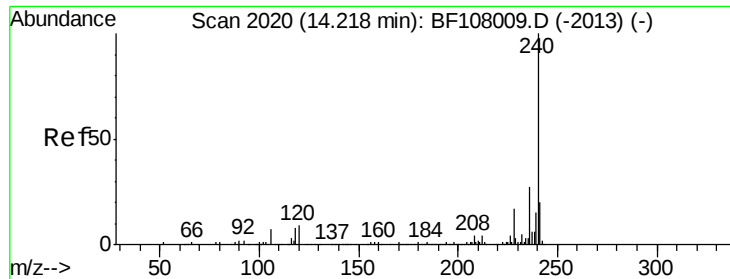
101 10.8 0.0 34.1

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

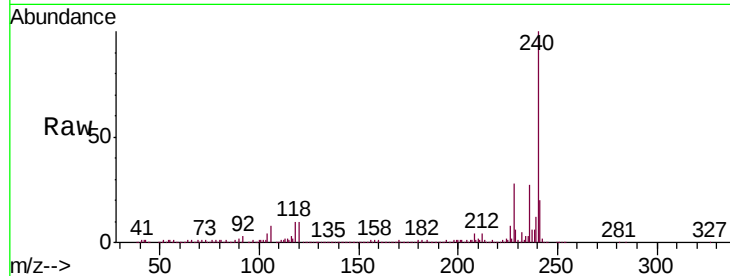
Tgt Ion:240 Resp: 399206

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

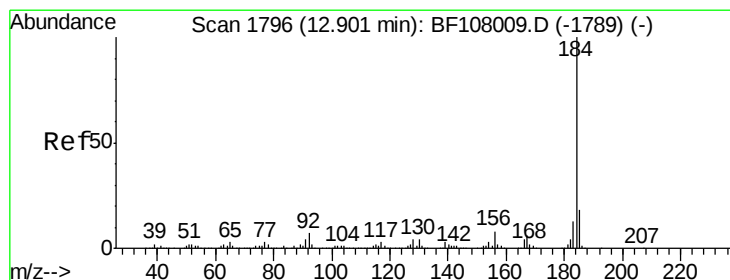
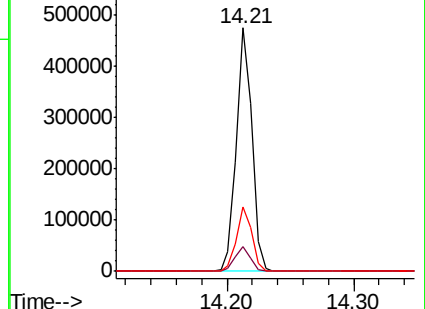
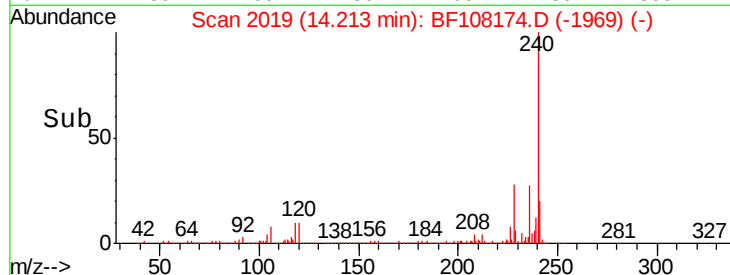
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.570 ng

RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

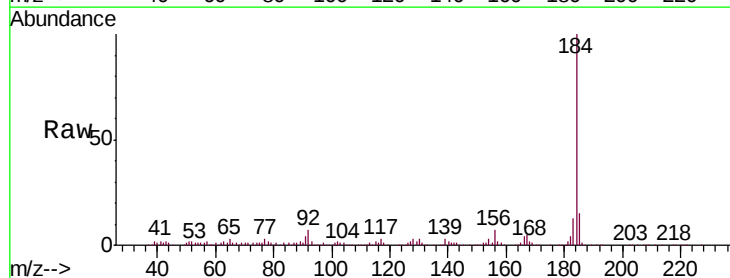
Tgt Ion:184 Resp: 276975

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

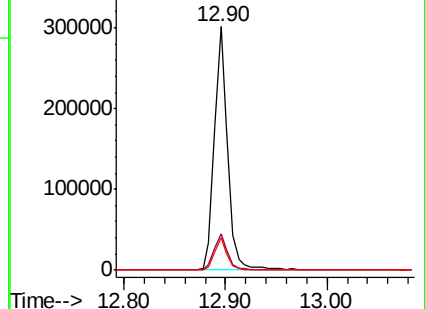
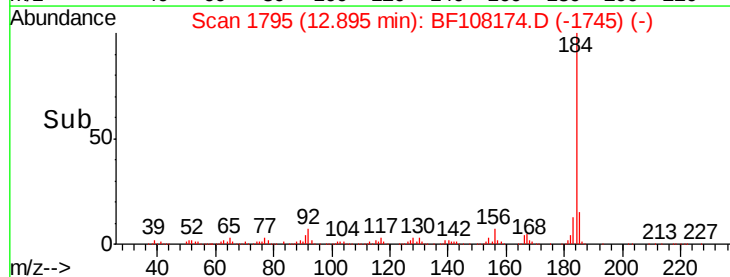
183 13.1 9.3 13.9

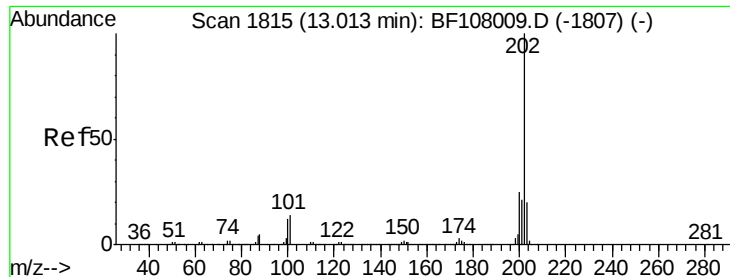


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

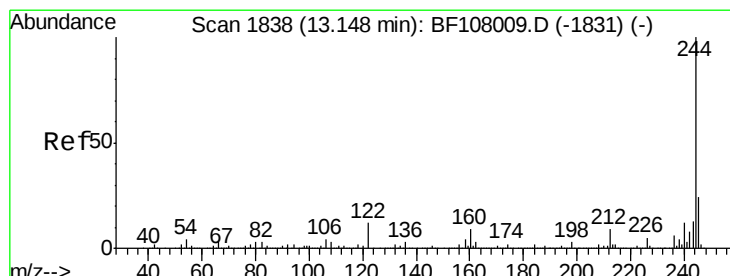
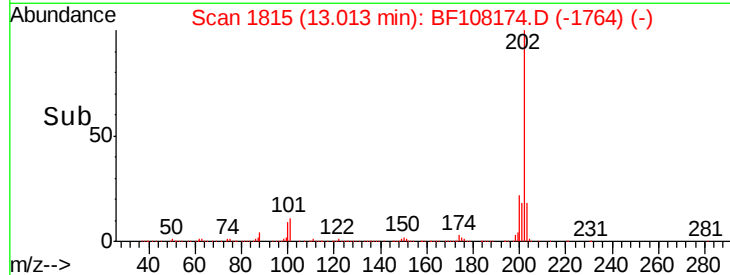
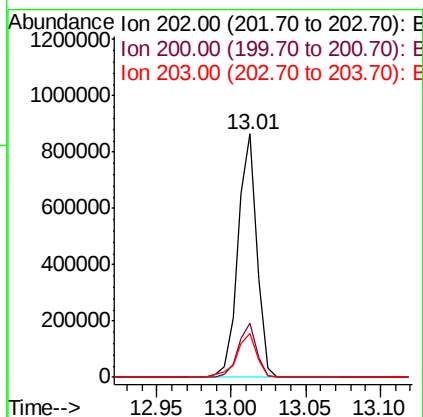
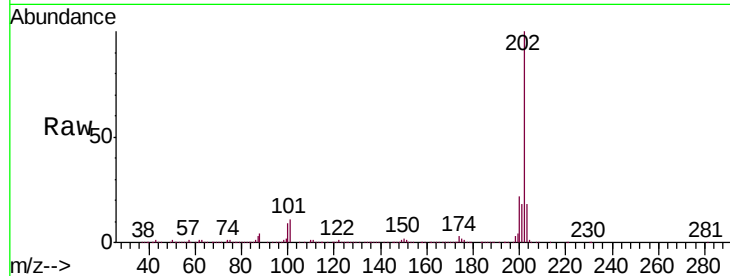




#77
 Pyrene
 Concen: 30.208 ng
 RT: 13.01 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

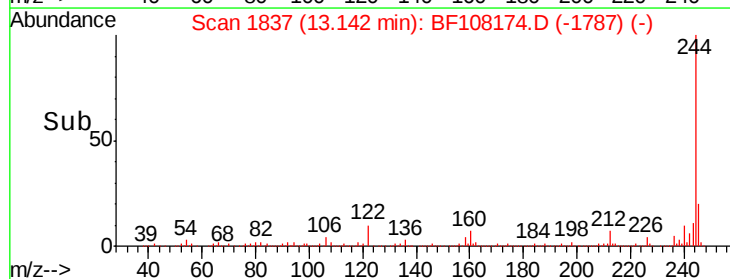
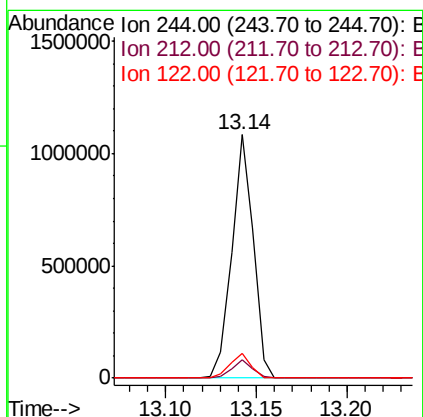
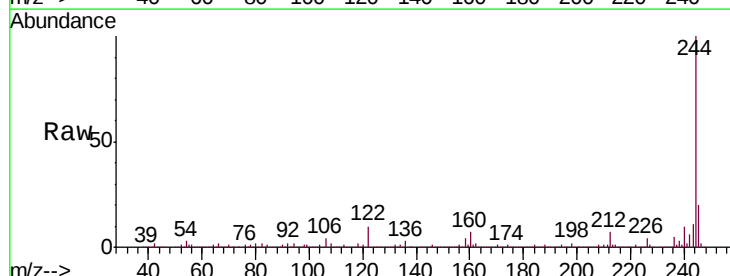
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

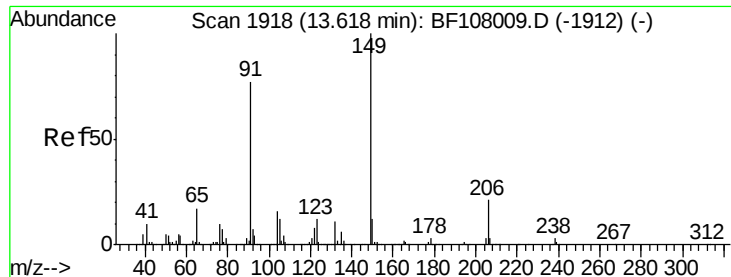
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.1	14.3	21.5



#78
 Terphenyl-d14
 Concen: 56.807 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.0	11.0	16.4#

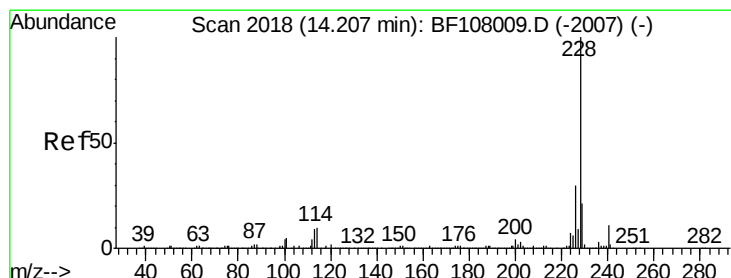
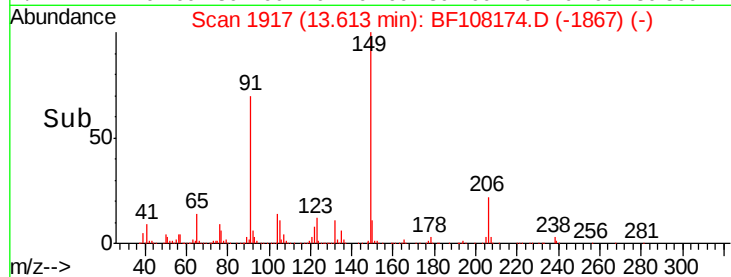
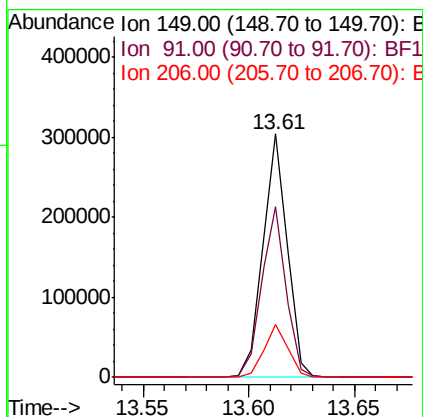
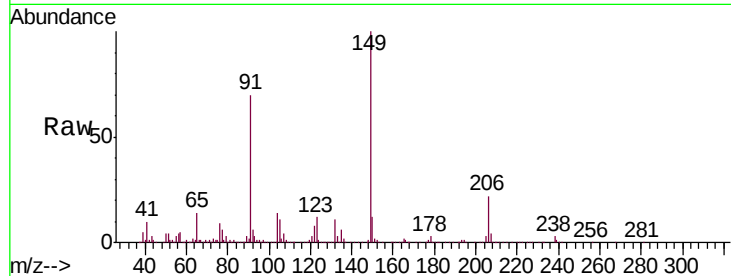




#79
Butylbenzylphthalate
Concen: 24.196 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

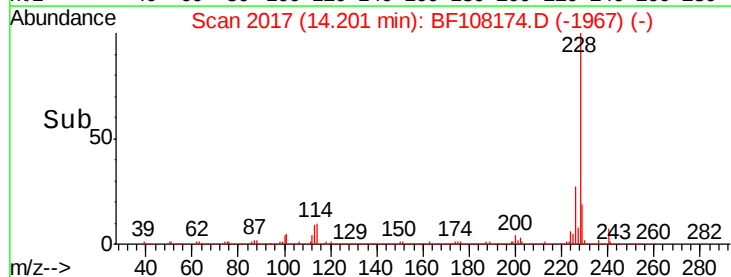
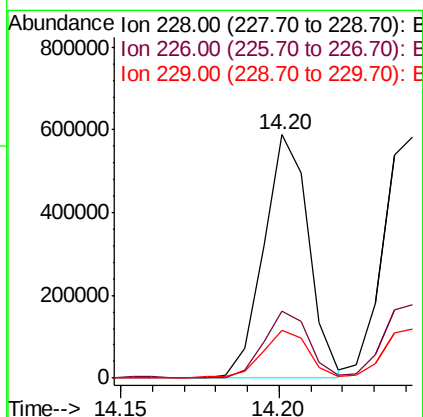
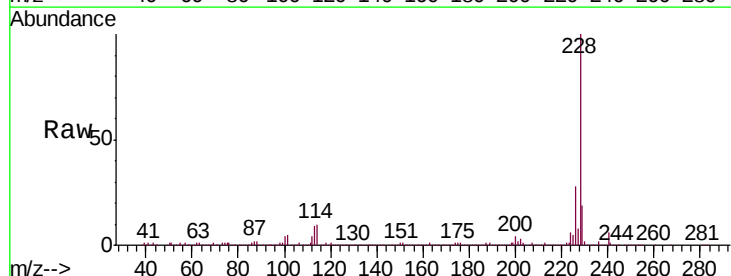
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

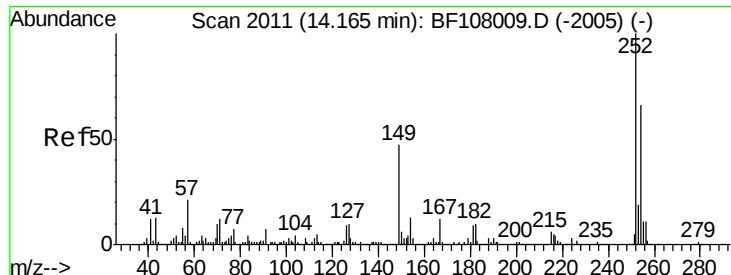
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	21.8	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 25.154 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6

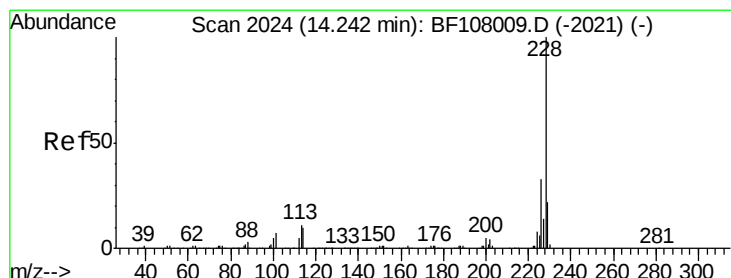
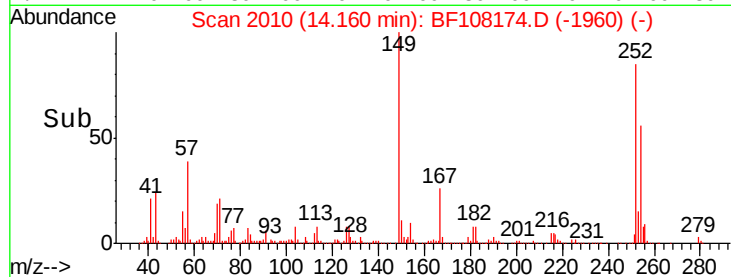
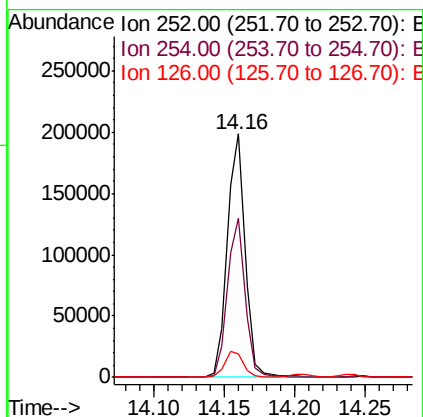
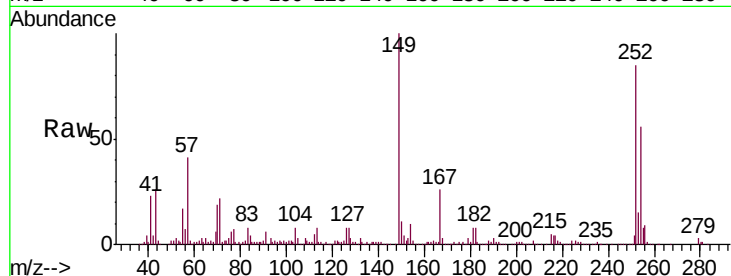




#81
 3,3'-Dichlorobenzidine
 Concen: 21.364 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

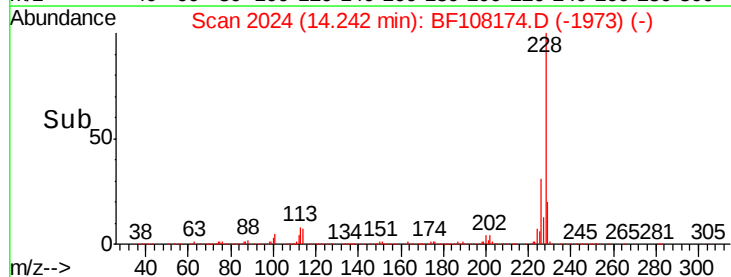
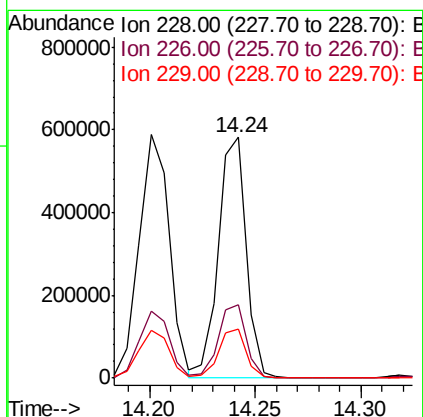
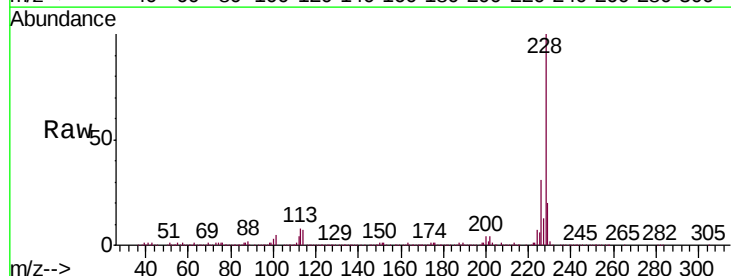
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

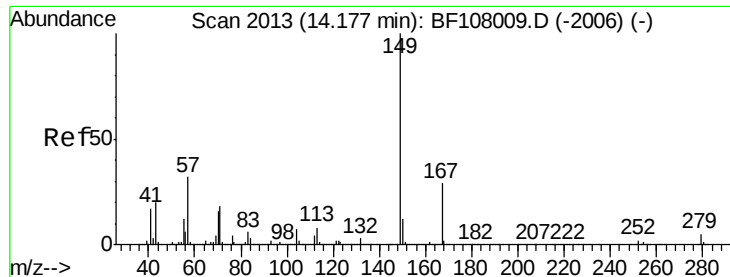
Tgt Ion: 252 Resp: 175408
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.4 75.6
 126 9.4 11.3 16.9#



#82
 Chrysene
 Concen: 25.243 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion: 228 Resp: 530197
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.2 16.2 24.4

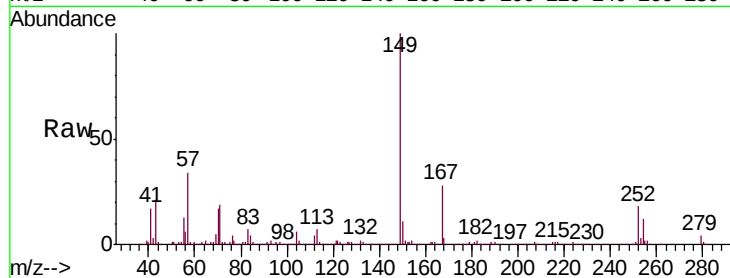




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.133 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.1	3.0	4.4

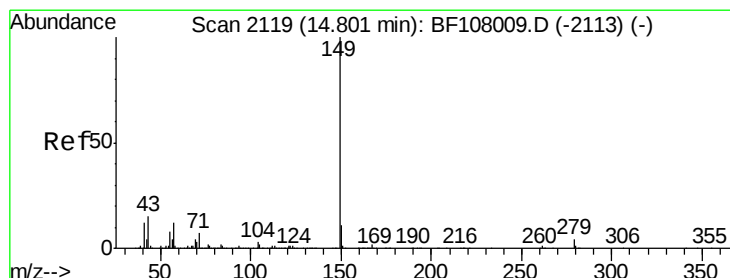
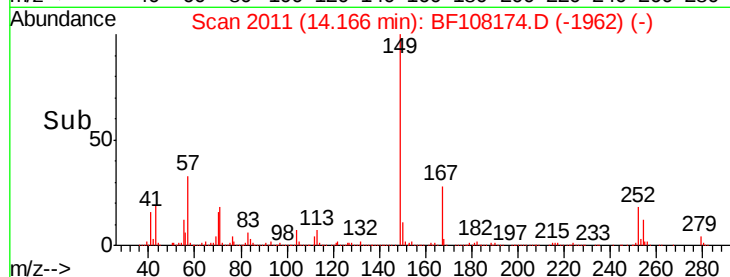
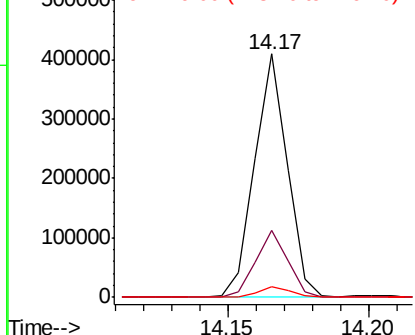


Abundance

Ion 149.00 (148.70 to 149.70): E

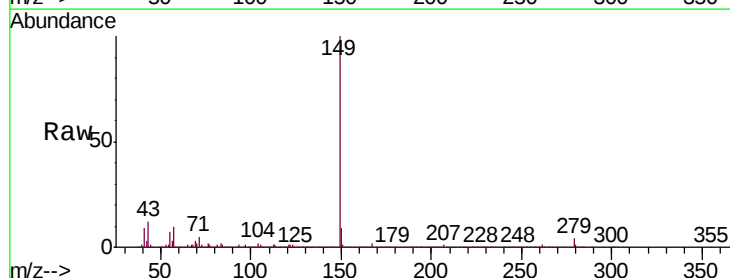
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 27.268 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.5	8.4	12.6

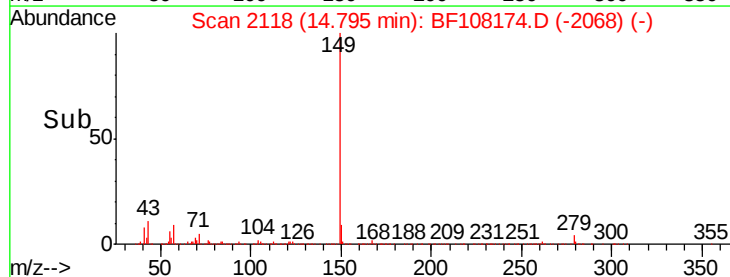
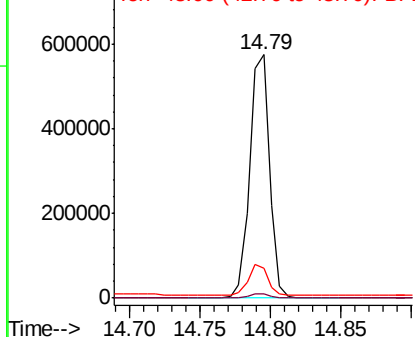


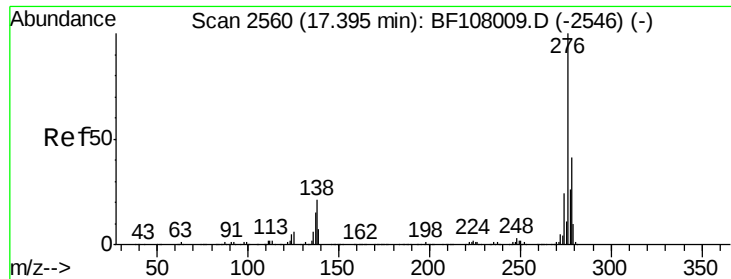
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

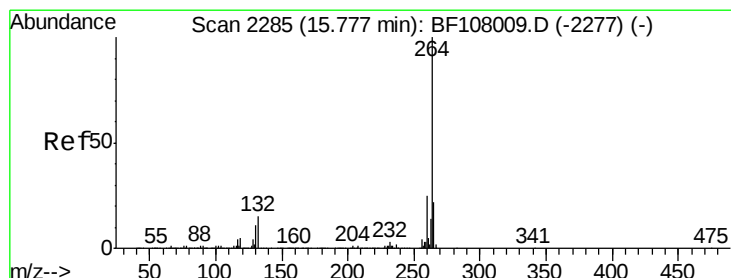
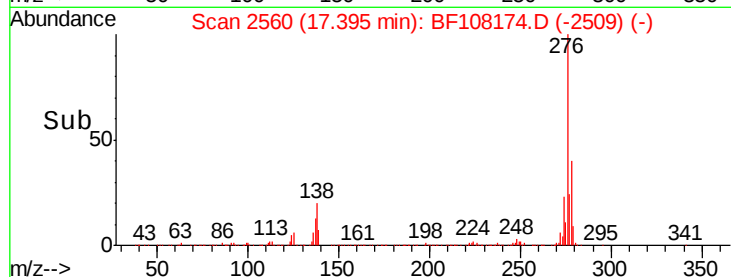
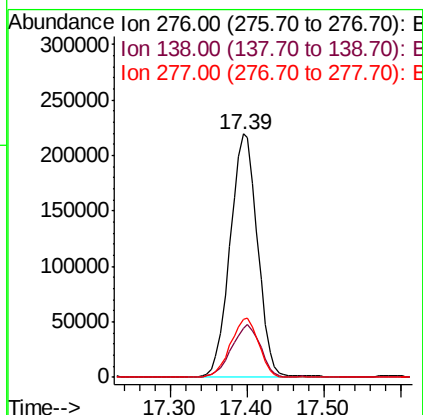
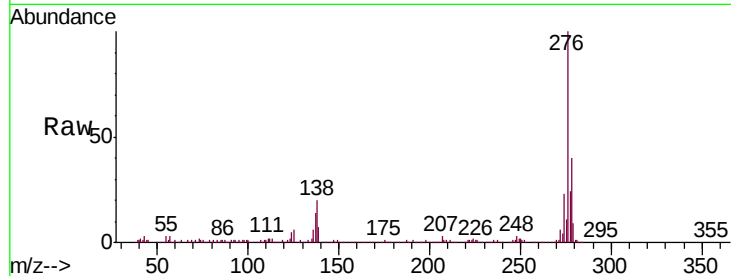




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.845 ng
 RT: 17.39 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

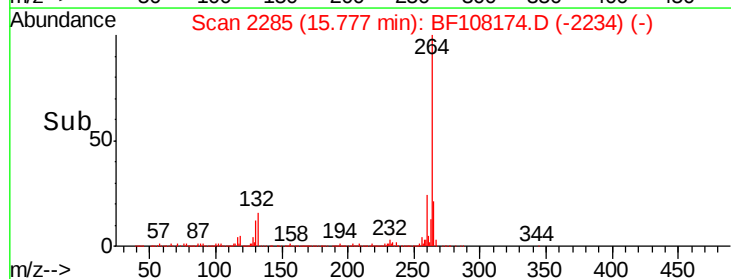
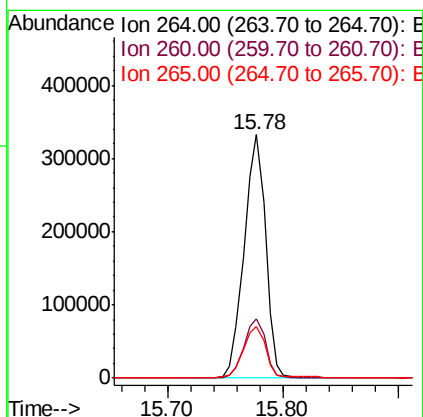
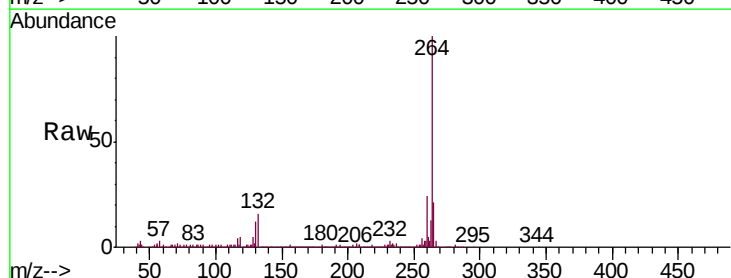
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

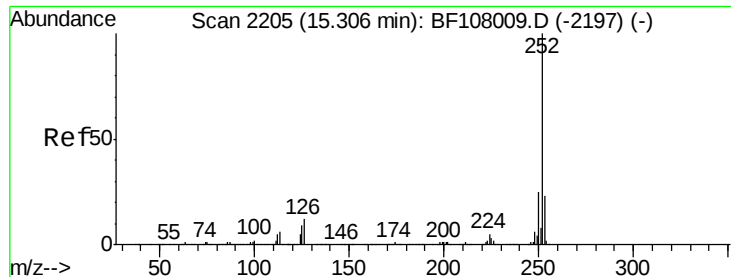
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.0	37.6#
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108174.D
 Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

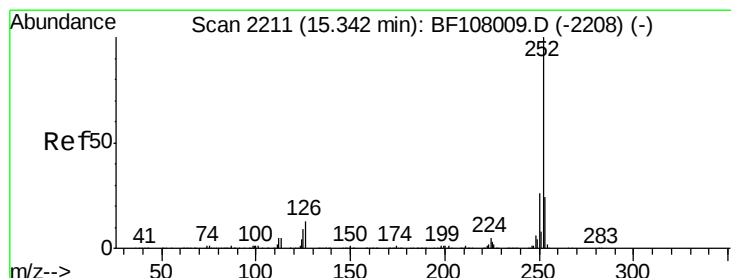
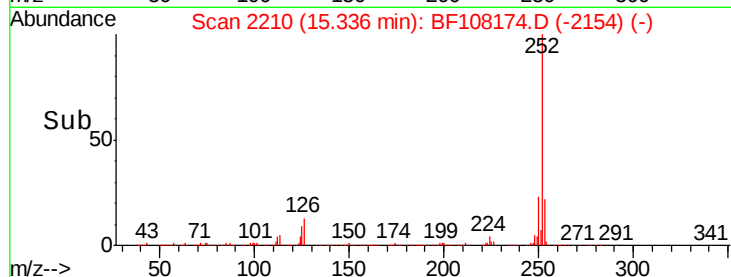
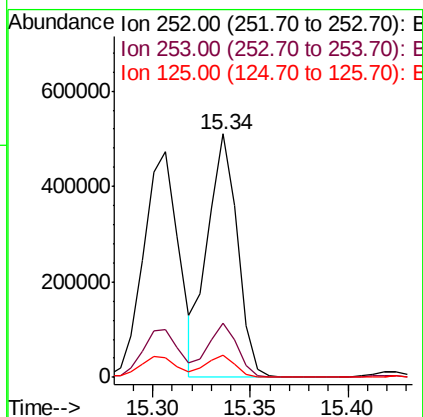
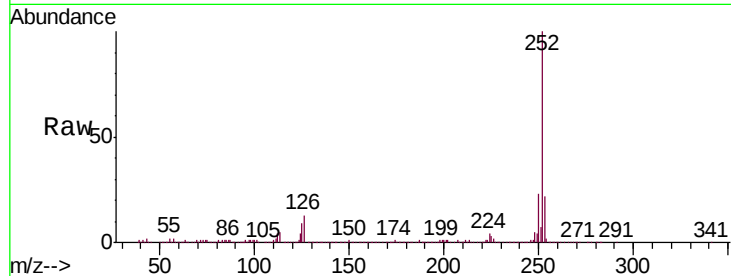




#87
Benzo(b)fluoranthene
Concen: 20.892 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.03 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

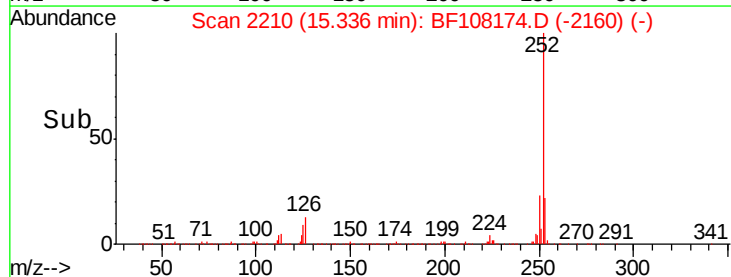
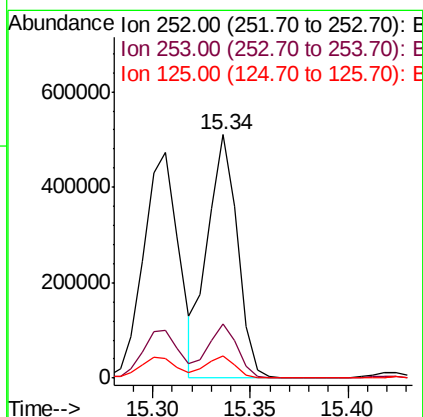
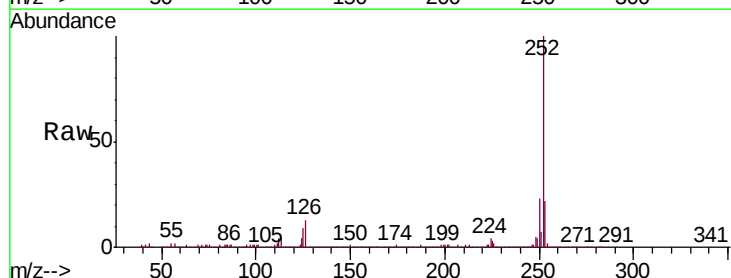
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

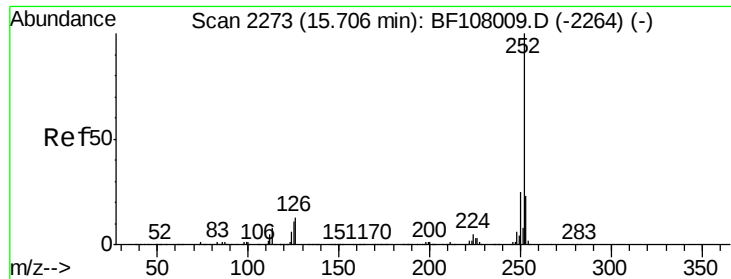
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 22.728 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108174.D
Acq: 15 Aug 2018 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.1	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 24.742 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

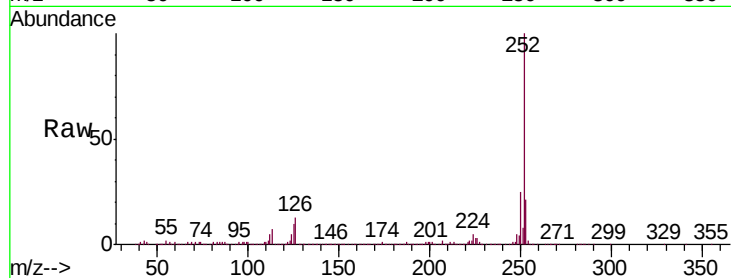
Tgt Ion:252 Resp: 572187

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

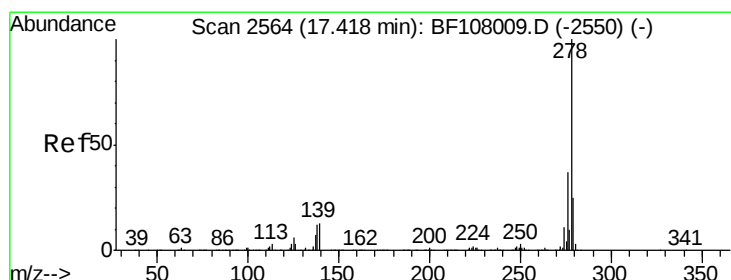
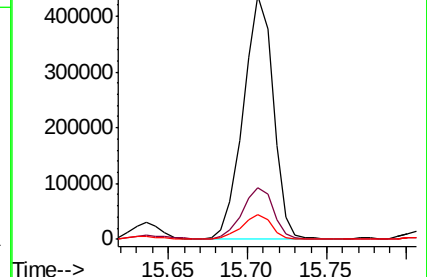
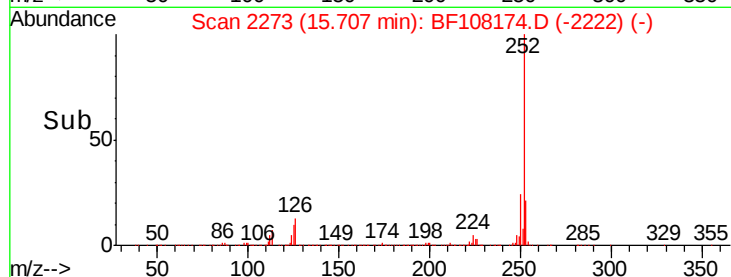
125 9.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 22.761 ng

RT: 17.41 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

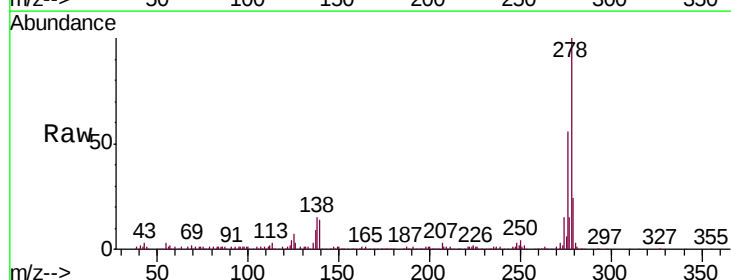
Tgt Ion:278 Resp: 435522

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

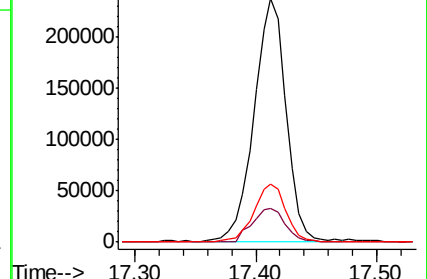
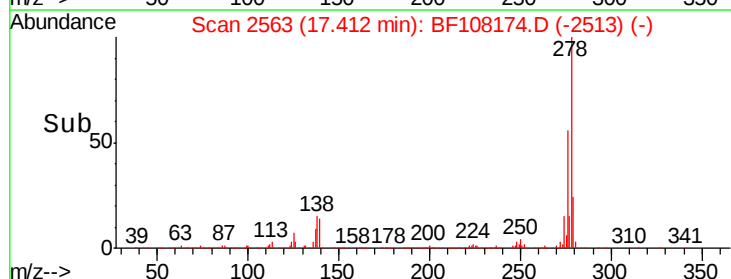
279 23.9 19.0 28.4

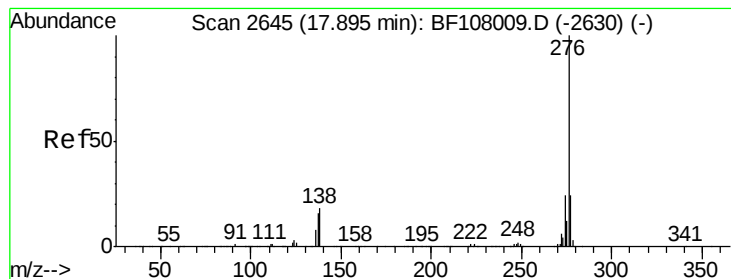


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 23.007 ng

RT: 17.89 min Scan# 2645

Delta R.T. 0.00 min

Lab File: BF108174.D

Acq: 15 Aug 2018 19:16

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-AMS

Tgt Ion: 276 Resp: 433494

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 19.3 21.8 32.8#

