

Data File : BF108310.D
Acq On : 21 Aug 2018 00:22
Operator : JU/SJ
Sample : J4501-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Quant Time: Aug 21 04:45:08 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	176671	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	597695	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	255024	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	441775	20.00	ng	0.00
75) Chrysene-d12	14.22	240	295501	20.00	ng	0.00
86) Perylene-d12	15.78	264	228852	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1272687	130.42	ng	0.03
7) Phenol-d6	6.65	99	1650657	127.29	ng	0.02
23) Nitrobenzene-d5	7.59	82	1050743	98.10	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	342663	134.71	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1712794	107.83	ng	0.00
78) Terphenyl-d14	13.15	244	1425514	122.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.98	88	150930	30.101	ng	90
3) Pyridine	3.75	79	432515	33.485	ng	89
4) n-Nitrosodimethylamine	3.71	42	264080	36.334	ng	# 86
6) Aniline	6.69	93	574707	32.582	ng	98
8) 2-Chlorophenol	6.81	128	434106	39.498	ng	98
9) Benzaldehyde	6.58	77	267941	26.650	ng	99
10) Phenol	6.67	94	575117	42.876	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	432118	39.848	ng	94
12) 1,3-Dichlorobenzene	6.97	146	492076	38.722	ng	100
13) 1,4-Dichlorobenzene	7.04	146	500628	39.210	ng	98
14) 1,2-Dichlorobenzene	7.20	146	461252	38.838	ng	98
15) Benzyl Alcohol	7.16	79	408536	37.423	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	774844	34.684	ng	99
17) 2-Methylphenol	7.27	107	361159	38.319	ng	94
18) Hexachloroethane	7.53	117	128016	28.163	ng	96
19) n-Nitroso-di-n-propylamine	7.43	70	321787	36.696	ng	93
20) 3+4-Methylphenols	7.42	107	452086	37.431	ng	# 86
22) Acetophenone	7.43	105	619688	44.341	ng	# 94
24) Nitrobenzene	7.61	77	468962	43.297	ng	96
25) Isophorone	7.84	82	848677	41.570	ng	97
26) 2-Nitrophenol	7.92	139	135868	33.217	ng	95
27) 2,4-Dimethylphenol	7.95	122	383026	42.271	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	522501	43.840	ng	99
29) 2,4-Dichlorophenol	8.16	162	354997	42.573	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	386172	42.004	ng	99
31) Naphthalene	8.33	128	1163492	42.804	ng	100
32) Benzoic acid	8.01	122	24995	10.136	ng	97
33) 4-Chloroaniline	8.37	127	434658	36.693	ng	97
34) Hexachlorobutadiene	8.44	225	249865	42.932	ng	98
35) Caprolactam	8.74	113	97517	37.318	ng	88
36) 4-Chloro-3-methylphenol	8.85	107	351156	39.036	ng	98
37) 2-Methylnaphthalene	9.02	142	761362	39.589	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	376701	48.101	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	30968	6.122	ng	94

Data File : BF108310.D
Acq On : 21 Aug 2018 00:22
Operator : JU/SJ
Sample : J4501-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

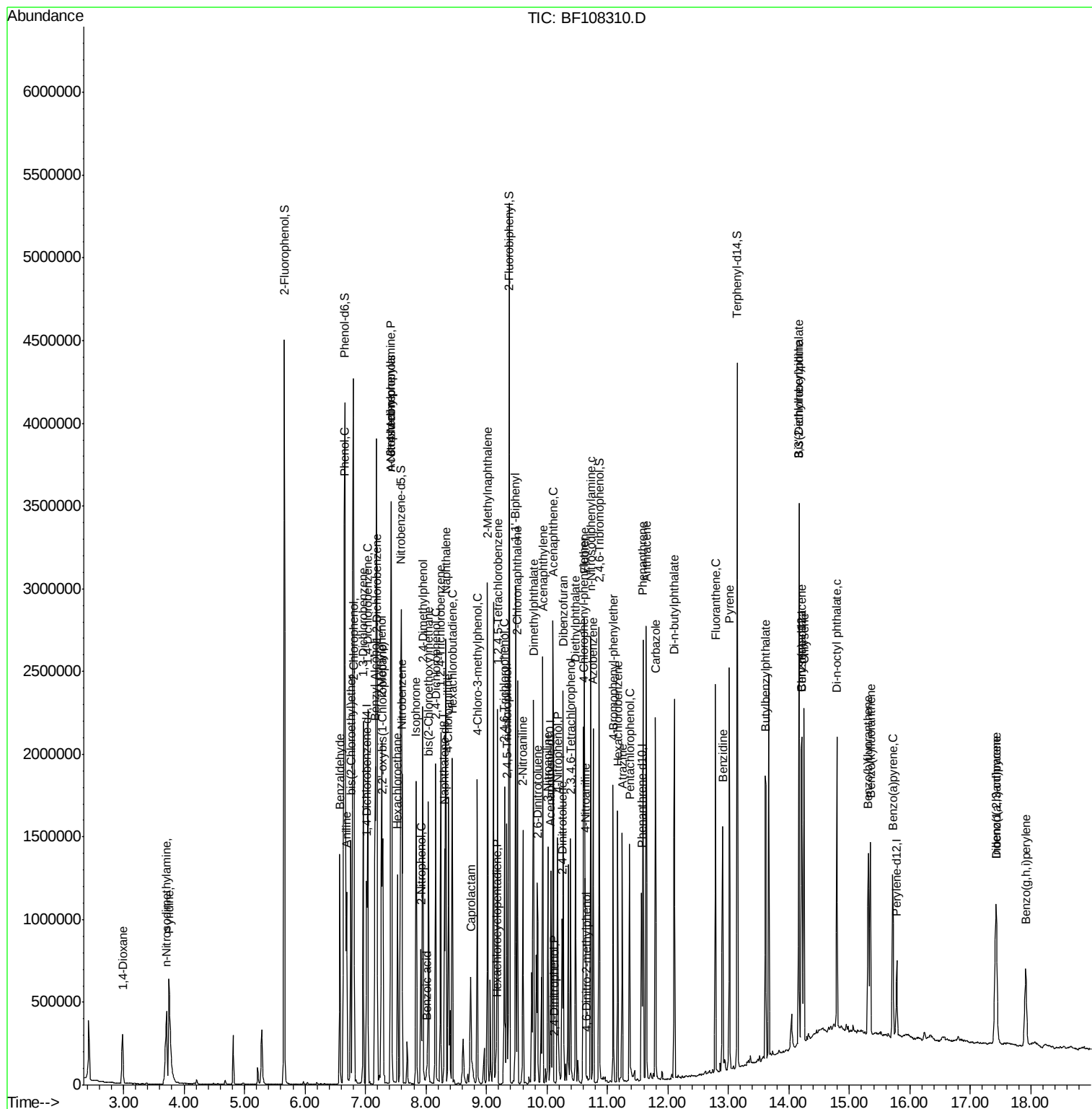
Quant Time: Aug 21 04:45:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	232682	47.878	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	242369	45.304	ng	97
45) 1,1'-Biphenyl	9.48	154	886409	47.142	ng	98
46) 2-Chloronaphthalene	9.51	162	677712	45.603	ng	97
47) 2-Nitroaniline	9.61	65	249337	51.853	ng	90
48) Acenaphthylene	9.93	152	1028108	43.760	ng	100
49) Dimethylphthalate	9.78	163	992035	55.844	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	144042	38.755	ng	# 86
51) Acenaphthene	10.10	154	584305	40.604	ng	99
52) 3-Nitroaniline	10.02	138	202207	49.725	ng	95
53) 2,4-Dinitrophenol	10.12	184	1982	8.321	ng	# 21
54) Dibenzofuran	10.27	168	886230	42.509	ng	97
55) 4-Nitrophenol	10.18	139	217655	70.681	ng	86
56) 2,4-Dinitrotoluene	10.25	165	167464	35.004	ng	# 96
57) Fluorene	10.62	166	681275	41.280	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	181432	40.575	ng	# 86
59) Diethylphthalate	10.48	149	761667	44.278	ng	97
60) 4-Chlorophenyl-phenylether	10.61	204	354107	41.177	ng	90
61) 4-Nitroaniline	10.64	138	197489	49.121	ng	94
62) Azobenzene	10.77	77	689856	38.832	ng	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	3835	7.413	ng	84
65) n-Nitrosodiphenylamine	10.72	169	627770	48.087	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	221703	46.179	ng	90
67) Hexachlorobenzene	11.17	284	217198	42.998	ng	# 86
68) Atrazine	11.25	200	183017	41.797	ng	95
69) Pentachlorophenol	11.37	266	181263	74.971	ng	98
70) Phenanthrene	11.59	178	923475	44.319	ng	100
71) Anthracene	11.64	178	941631	44.091	ng	100
72) Carbazole	11.80	167	847182	44.648	ng	99
73) Di-n-butylphthalate	12.11	149	1034475	48.133	ng	99
74) Fluoranthene	12.78	202	953917	41.947	ng	96
76) Benzidine	12.91	184	688863	62.393	ng	97
77) Pyrene	13.02	202	932743	49.857	ng	99
79) Butylbenzylphthalate	13.62	149	401683	54.071	ng	# 95
80) Benzo(a)anthracene	14.21	228	729720	43.029	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	288476	47.466	ng	# 97
82) Chrysene	14.25	228	668196	42.977	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	519983	51.689	ng	100
84) Di-n-octyl phthalate	14.79	149	816031	53.188	ng	97
85) Indeno(1,2,3-cd)pyrene	17.42	276	541722	40.213	ng	# 90
87) Benzo(b)fluoranthene	15.31	252	601371	43.976	ng	# 97
88) Benzo(k)fluoranthene	15.35	252	531721	42.299	ng	# 95
89) Benzo(a)pyrene	15.72	252	522973	42.708	ng	# 97
90) Dibenzo(a,h)anthracene	17.43	278	456878	45.093	ng	# 94
91) Benzo(g,h,i)perylene	17.92	276	449385	45.043	ng	# 90

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

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Quant Time: Aug 21 04:45:08 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



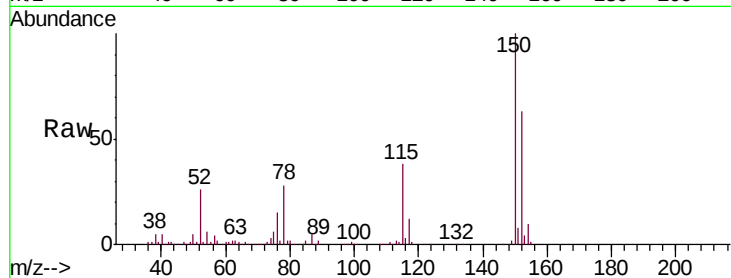


#1

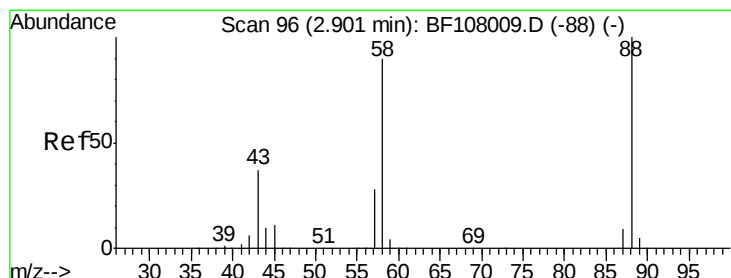
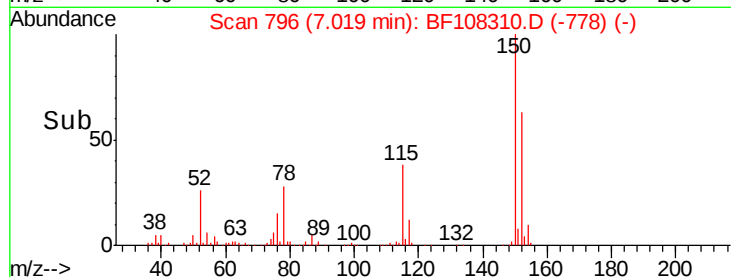
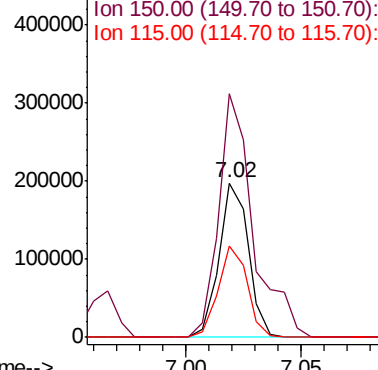
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Tgt Ion:152 Resp: 176671
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.3 50.1 75.1



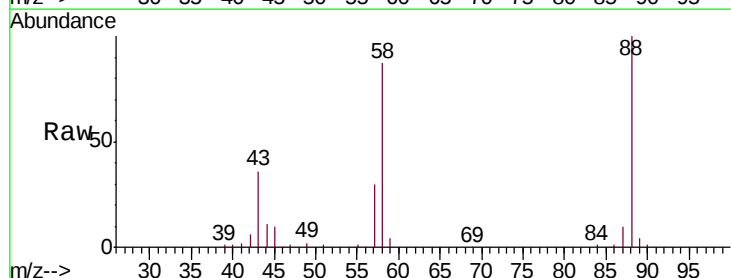
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



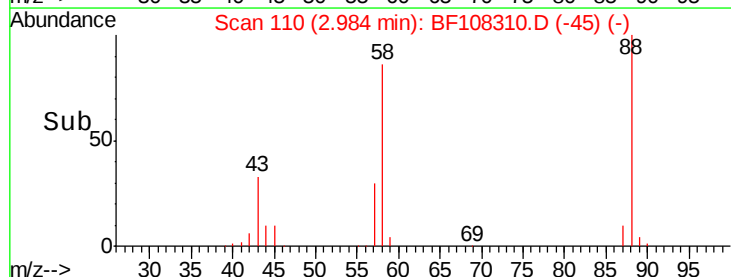
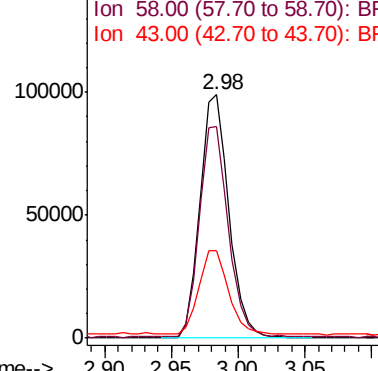
#2

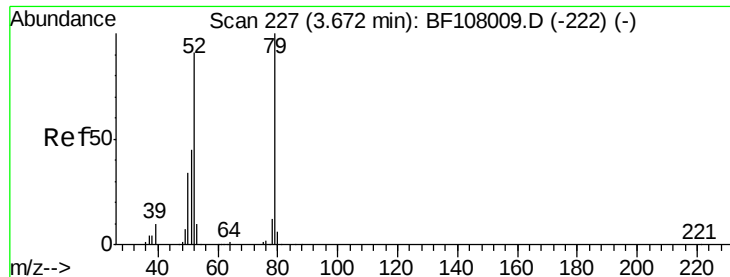
1,4-Dioxane
Concen: 30.101 ng
RT: 2.98 min Scan# 110
Delta R.T. 0.08 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion: 88 Resp: 150930
Ion Ratio Lower Upper
88 100
58 86.4 62.6 93.8
43 36.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.485 ng

RT: 3.75 min Scan# 241

Delta R.T. 0.08 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

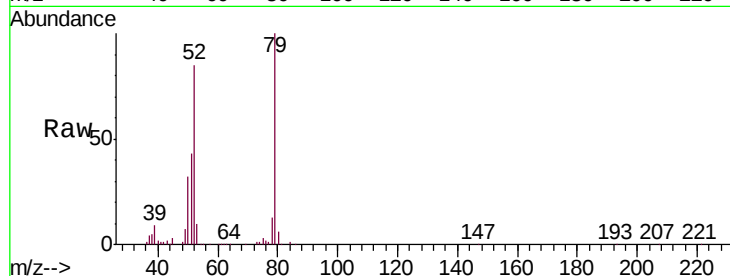
Tgt Ion: 79 Resp: 432515

Ion Ratio Lower Upper

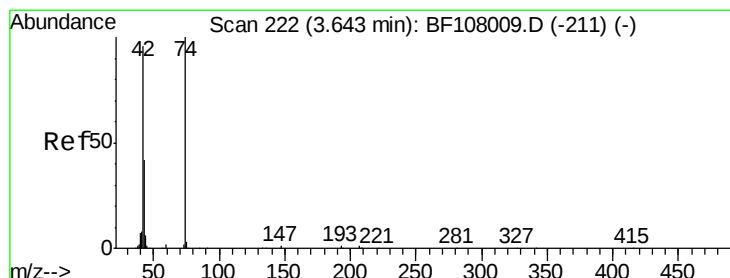
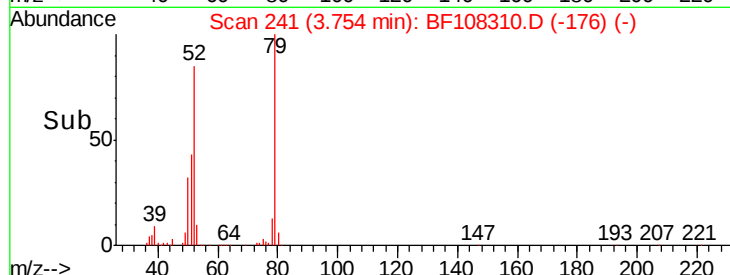
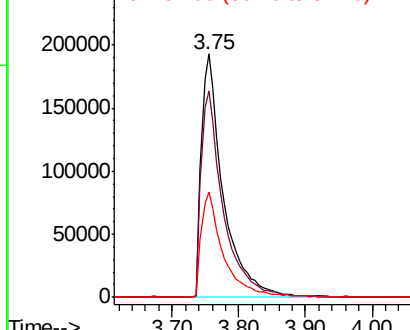
79 100

52 84.7 59.8 89.6

51 43.1 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: 36.334 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.07 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

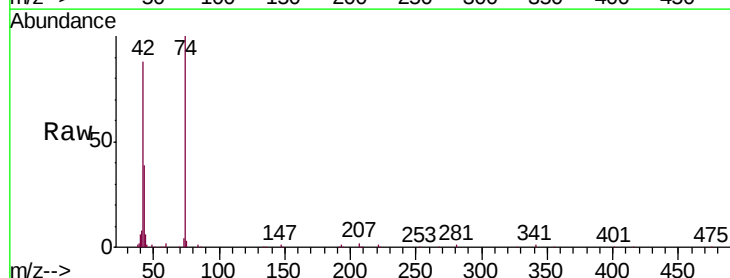
Tgt Ion: 42 Resp: 264080

Ion Ratio Lower Upper

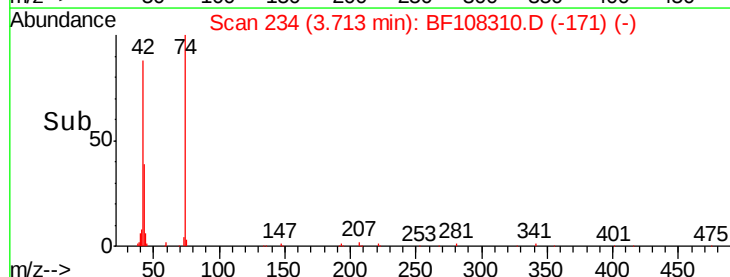
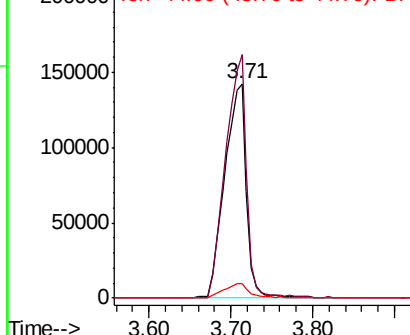
42 100

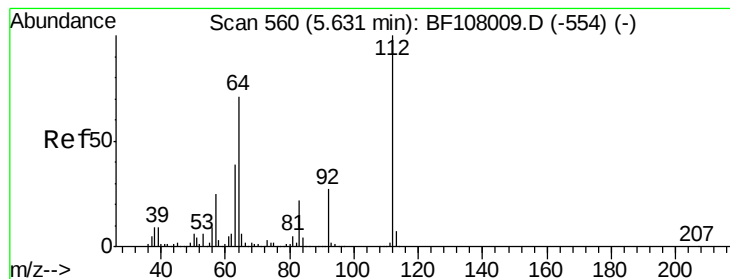
74 113.6 104.9 157.3

44 6.7 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: 130.420 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

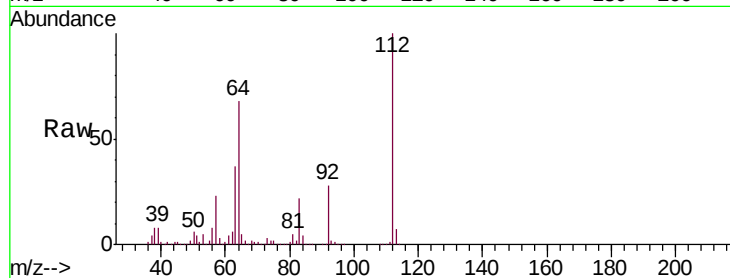
Tgt Ion:112 Resp: 1272687

Ion Ratio Lower Upper

112 100

64 68.3 47.9 71.9

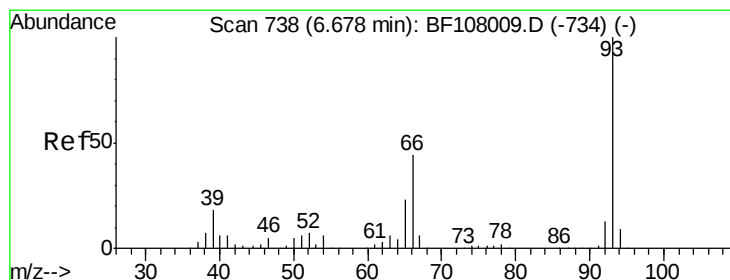
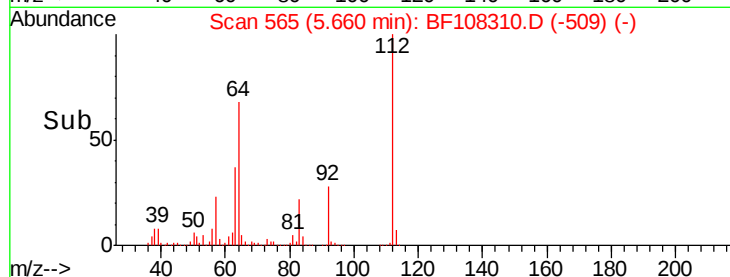
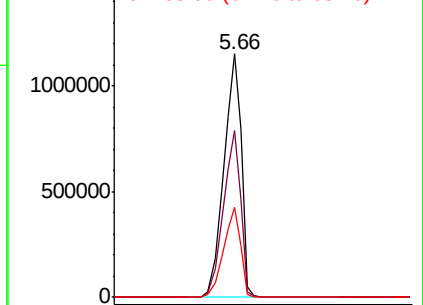
63 36.8 23.7 35.5#



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: 32.582 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

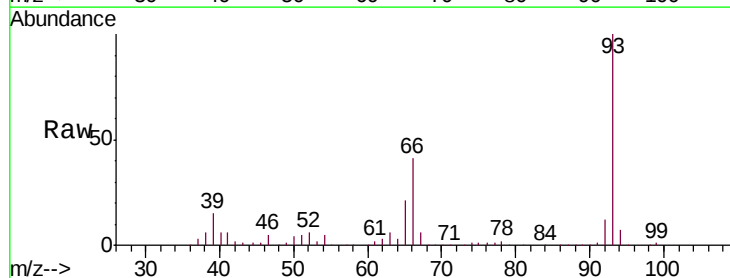
Tgt Ion: 93 Resp: 574707

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

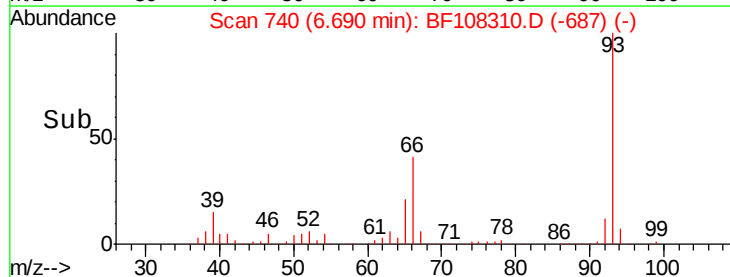
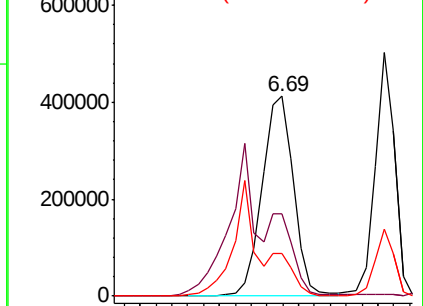
65 21.4 16.4 24.6

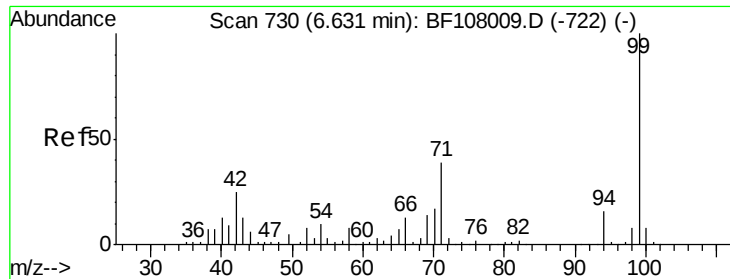


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.291 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

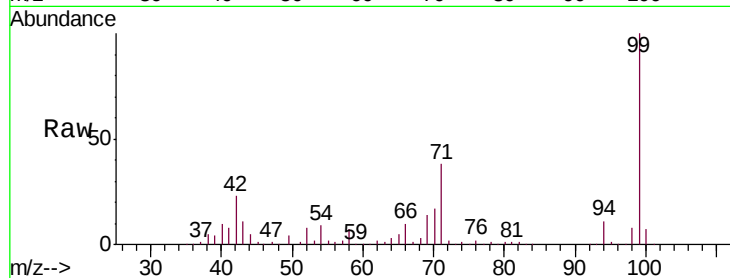
Tgt Ion: 99 Resp: 1650657

Ion Ratio Lower Upper

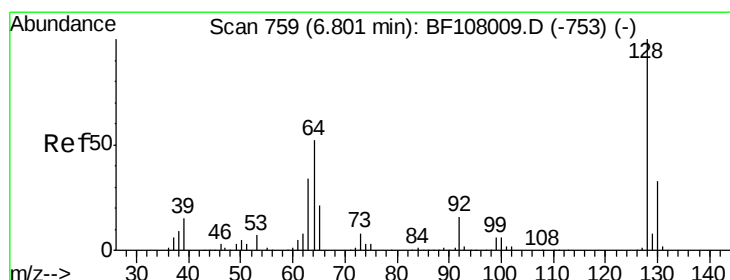
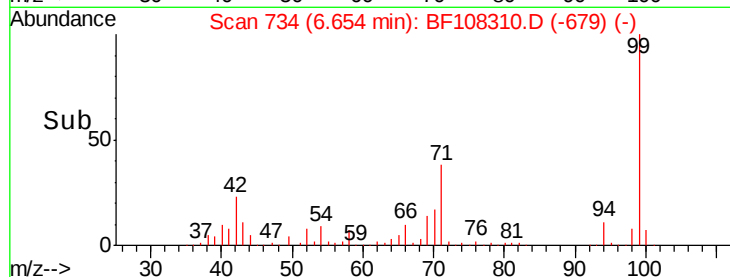
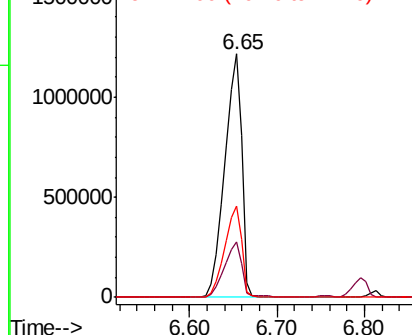
99 100

42 22.8 14.5 21.7#

71 37.7 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: 39.498 ng

RT: 6.81 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

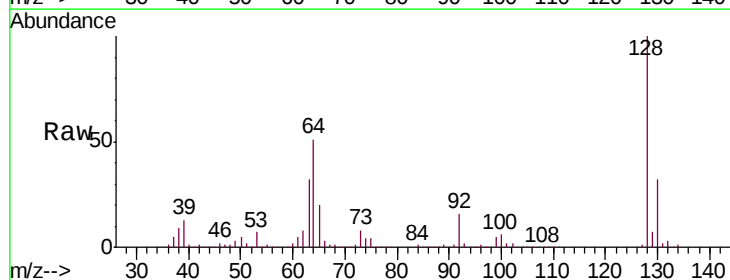
Tgt Ion: 128 Resp: 434106

Ion Ratio Lower Upper

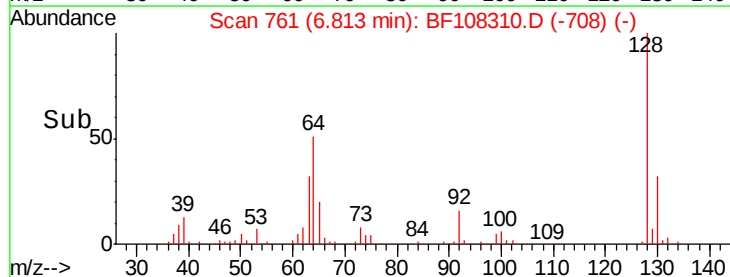
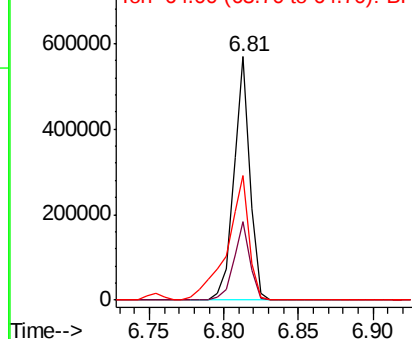
128 100

130 32.4 13.0 53.0

64 51.1 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: 26.650 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

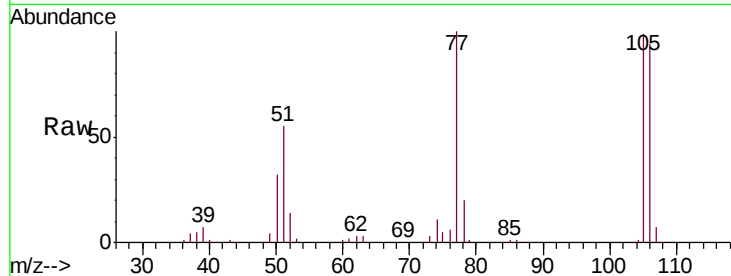
Tgt Ion: 77 Resp: 267941

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

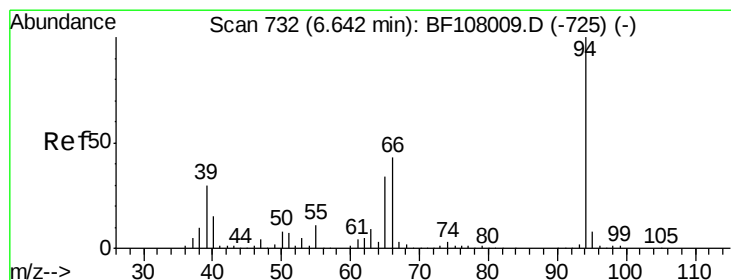
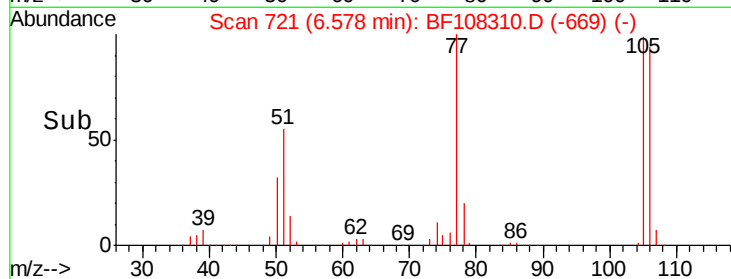
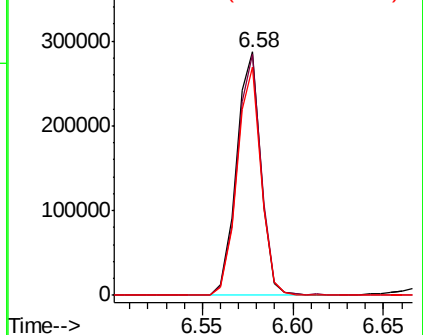
106 93.9 74.5 114.5



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: 42.876 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

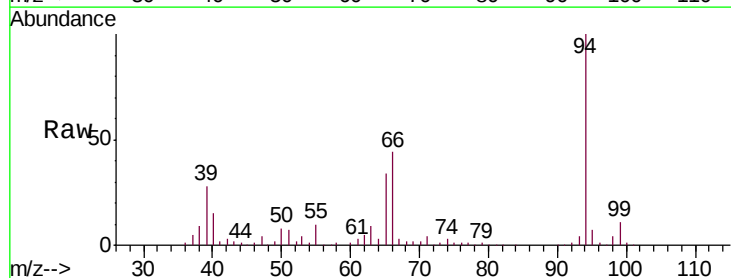
Tgt Ion: 94 Resp: 575117

Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

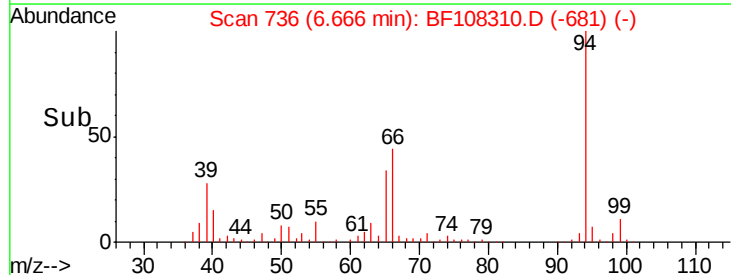
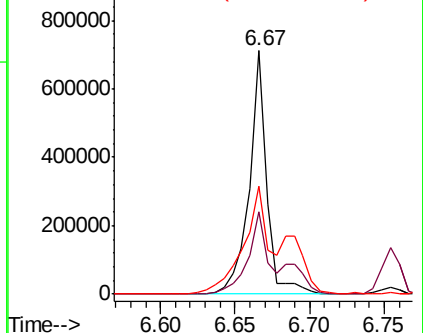
66 44.3 16.2 56.2



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

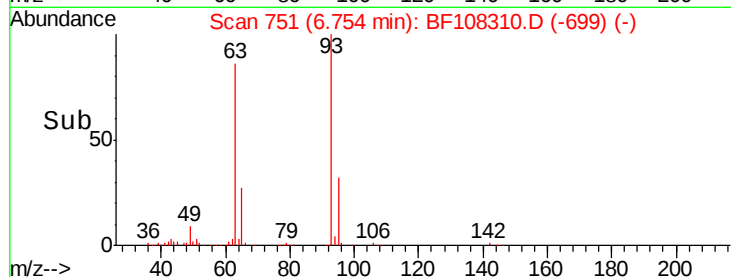
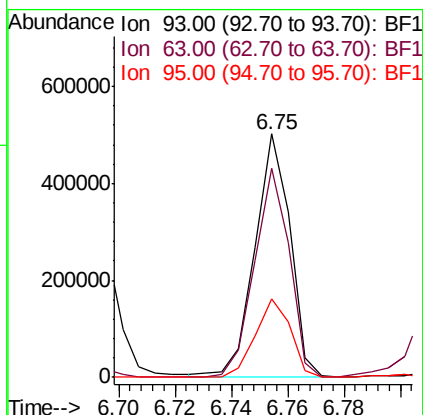
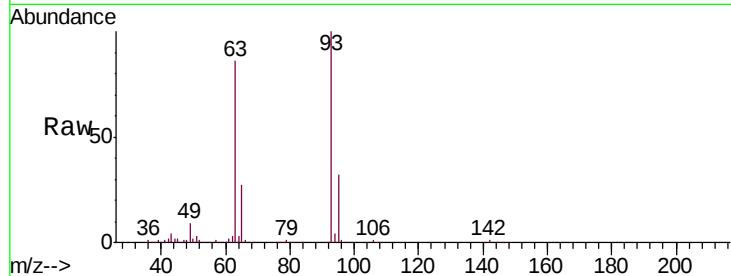




#11
bis(2-Chloroethyl)ether
Concen: 39.848 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

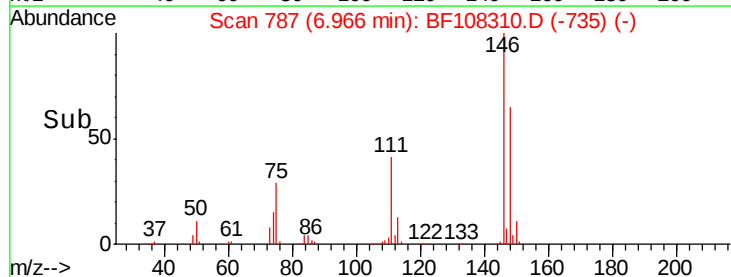
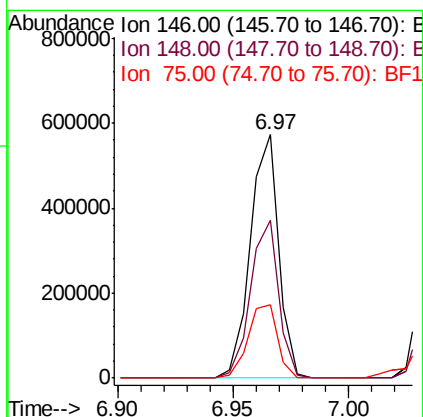
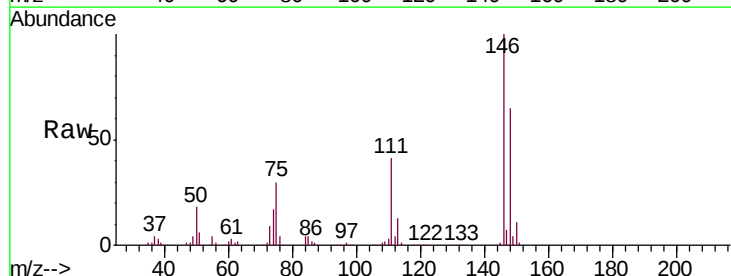
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.8	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.722 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	30.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.210 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

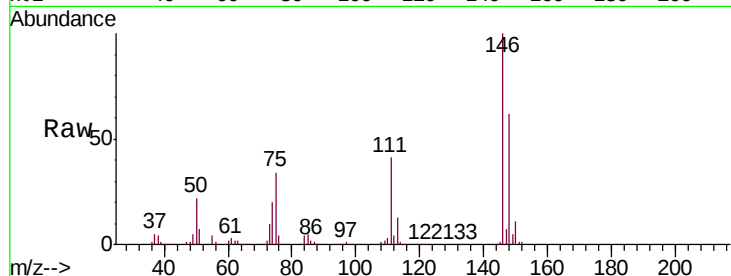
Tgt Ion:146 Resp: 500628

Ion Ratio Lower Upper

146 100

148 62.1 50.8 76.2

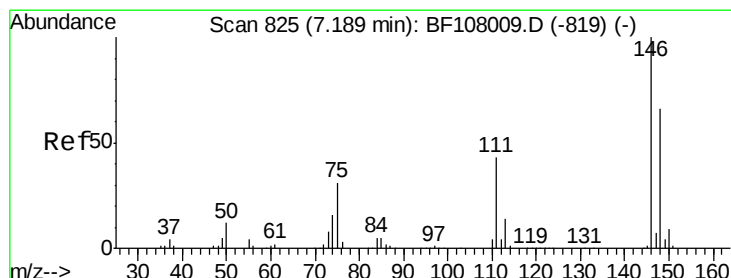
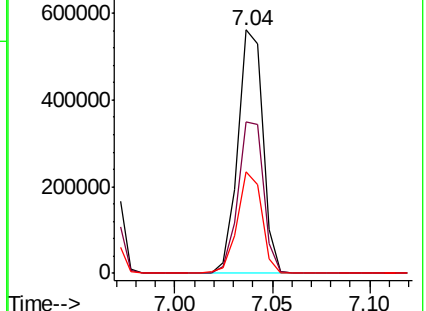
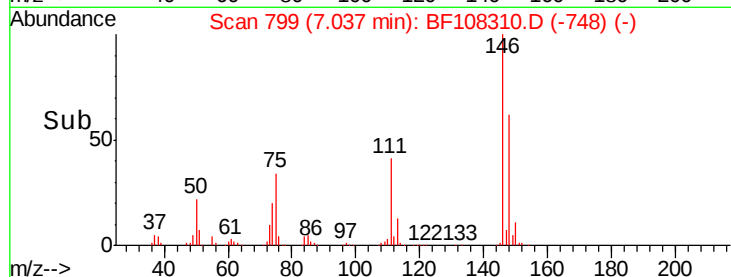
111 41.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.838 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

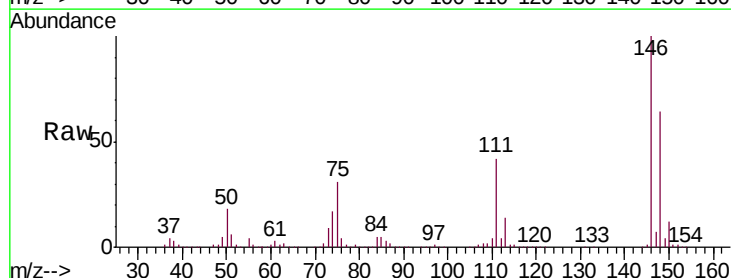
Tgt Ion:146 Resp: 461252

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

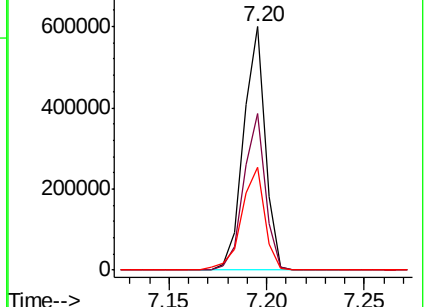
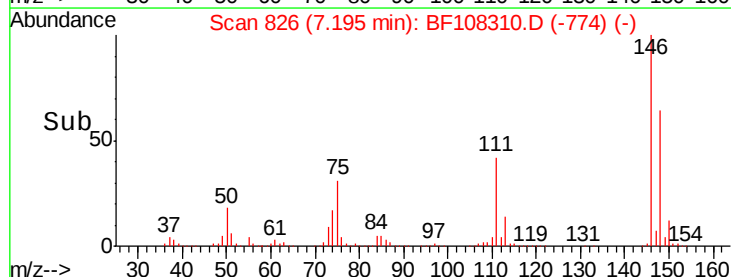
111 42.3 36.0 54.0

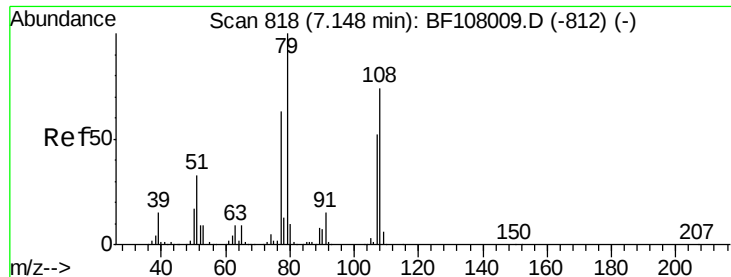


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.423 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

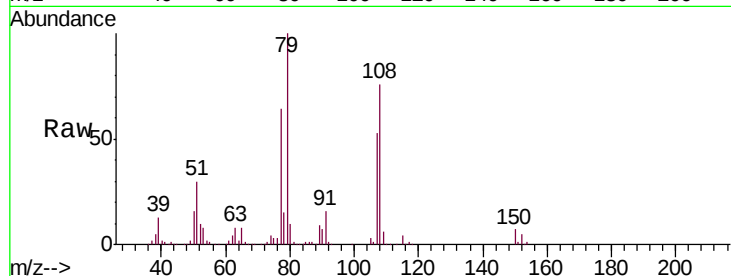
Tgt Ion: 79 Resp: 408536

Ion Ratio Lower Upper

79 100

108 76.3 65.1 97.7

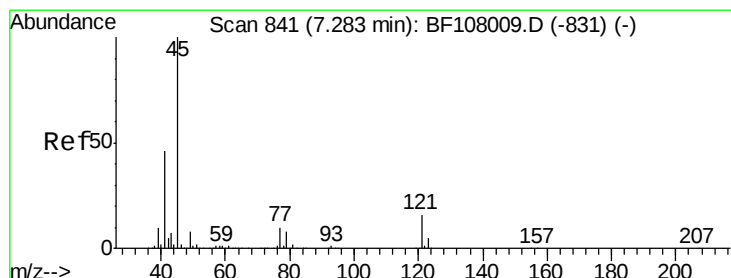
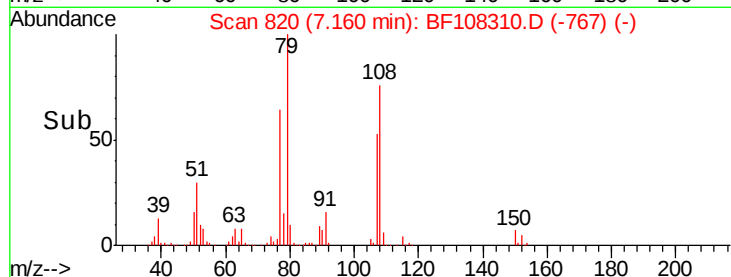
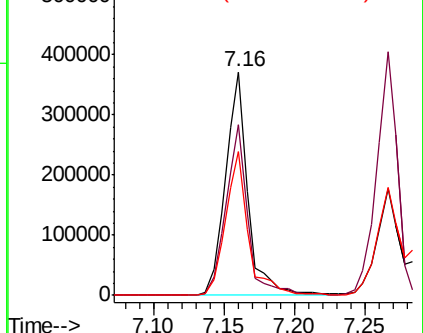
77 64.2 50.6 75.8



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: 34.684 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

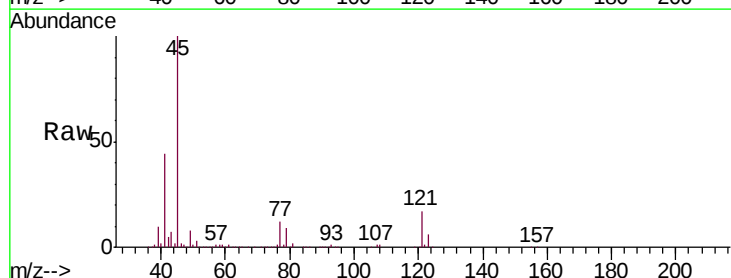
Tgt Ion: 45 Resp: 774844

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

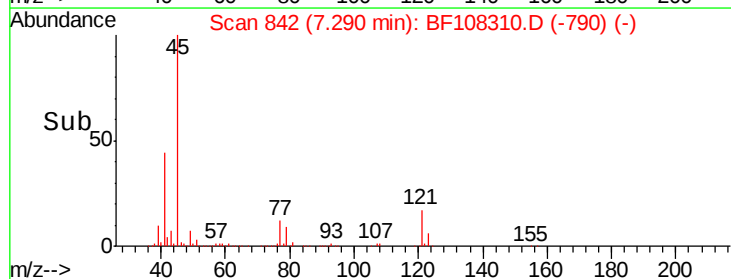
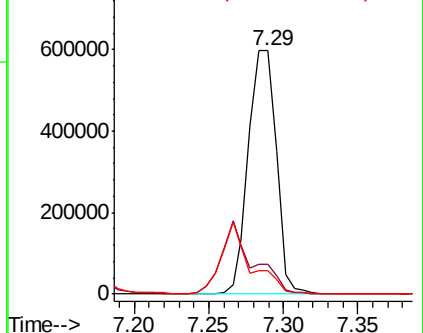
79 9.5 0.0 29.6



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

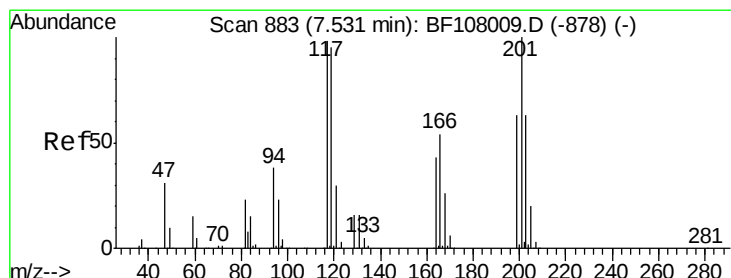
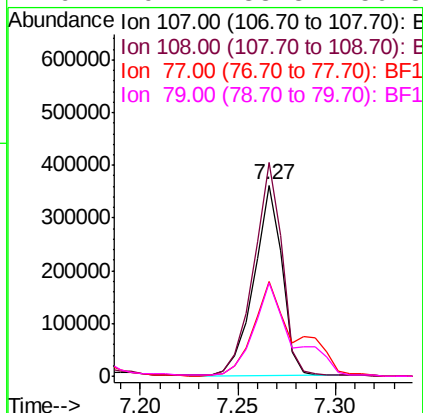
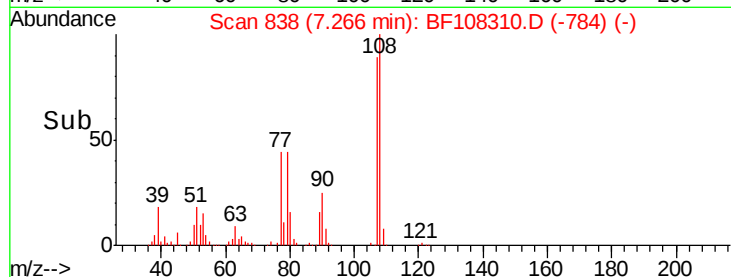
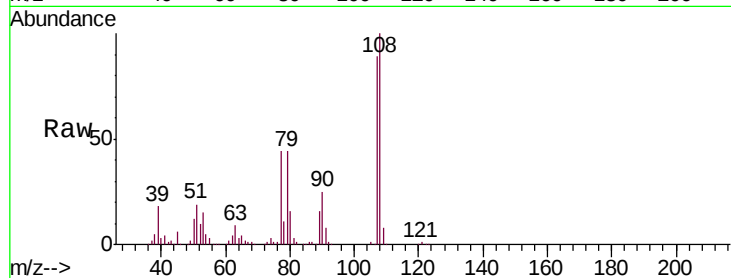




#17
2-Methylphenol
Concen: 38.319 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

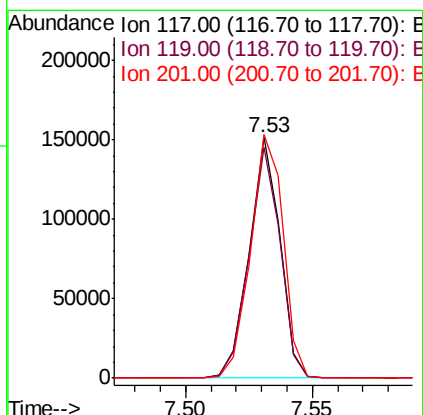
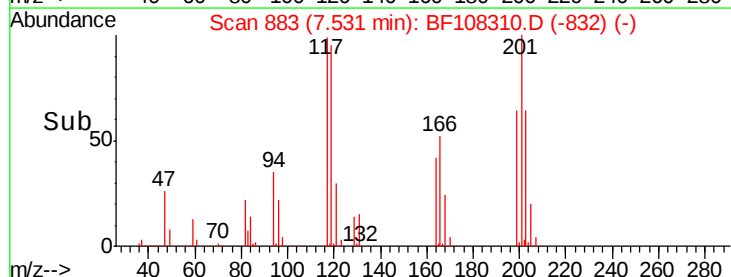
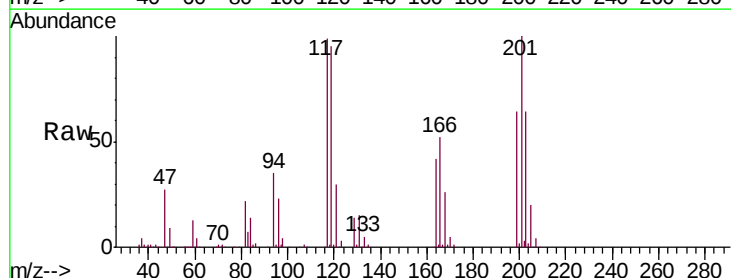
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

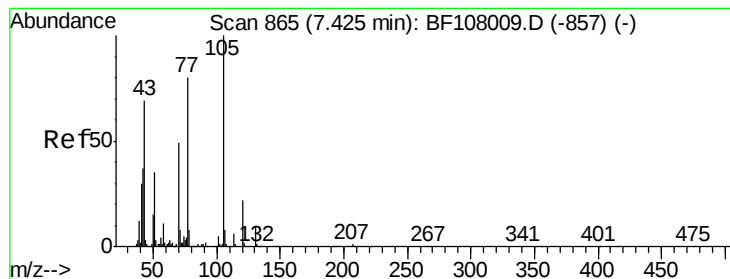
Tgt Ion:	107	Resp:	361159
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.7	137.5
77	49.7	33.8	50.8
79	49.2	33.8	50.8



#18
Hexachloroethane
Concen: 28.163 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:	117	Resp:	128016
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	101.2	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.696 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

Tgt Ion: 70 Resp: 321787

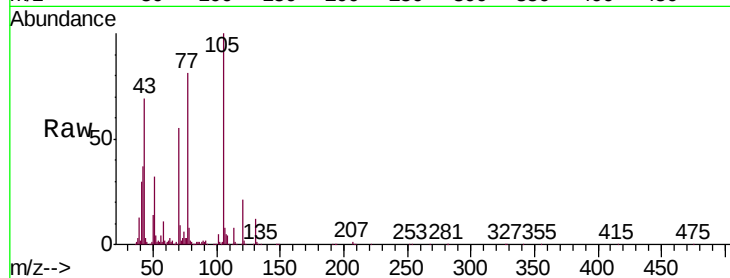
Ion Ratio Lower Upper

70 100

42 67.5 47.5 71.3

101 9.6 7.4 11.2

130 20.8 16.6 25.0



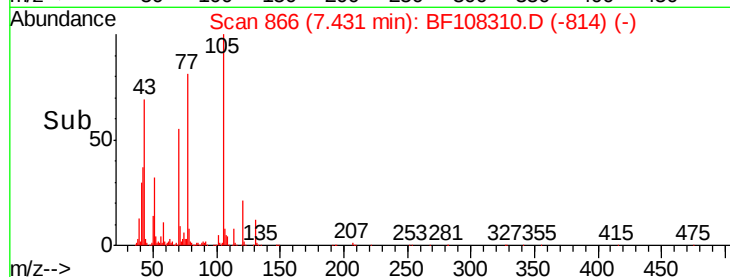
Abundance

Ion 70.00 (69.70 to 70.70): BF1

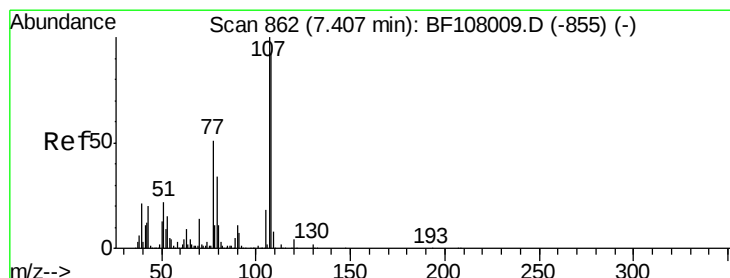
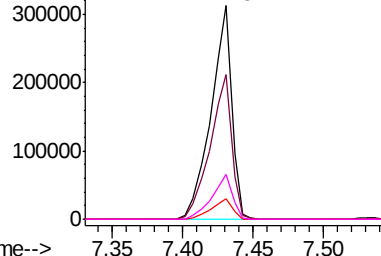
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#20

3+4-Methylphenols

Concen: 37.431 ng

RT: 7.42 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Tgt Ion: 107 Resp: 452086

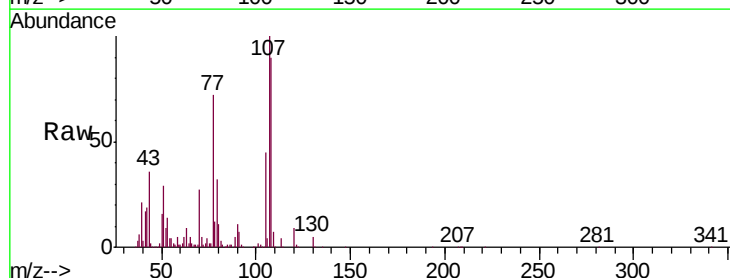
Ion Ratio Lower Upper

107 100

108 89.8 68.2 108.2

77 72.0 26.7 66.7#

79 32.1 6.3 46.3



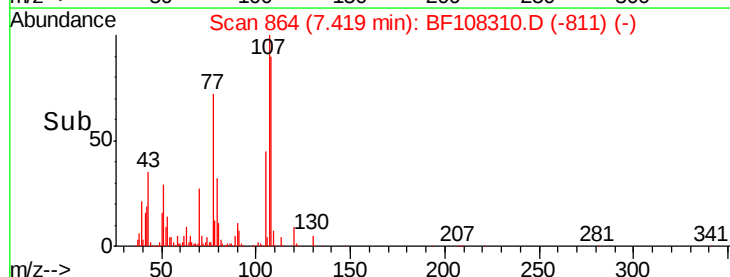
Abundance

Ion 107.00 (106.70 to 107.70): BF1

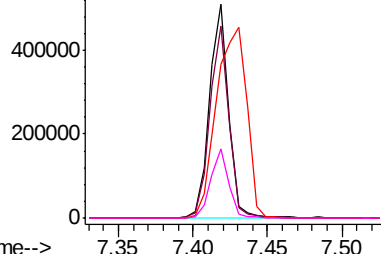
Ion 108.00 (107.70 to 108.70): BF1

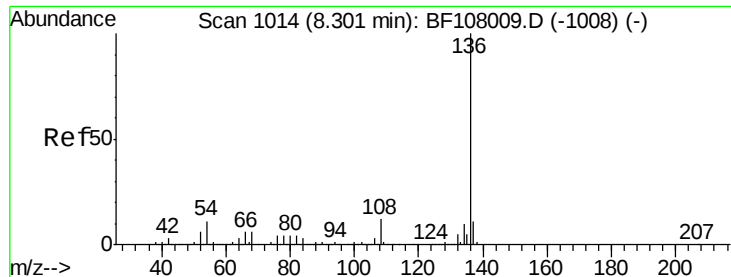
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->

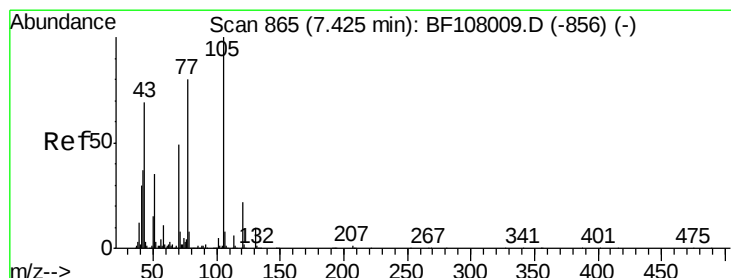
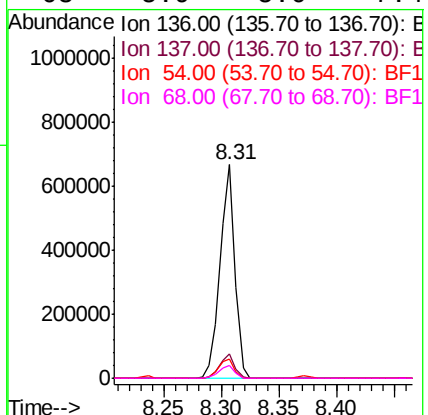
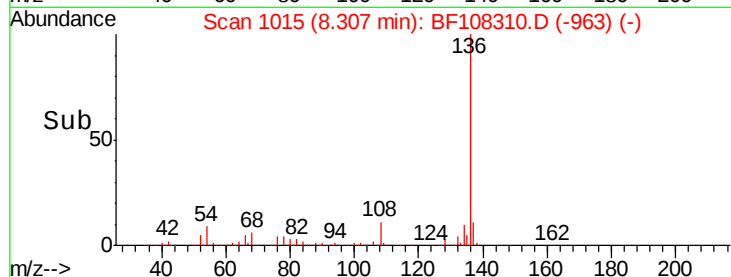
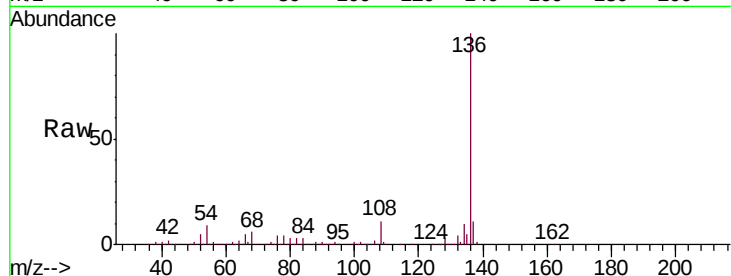




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

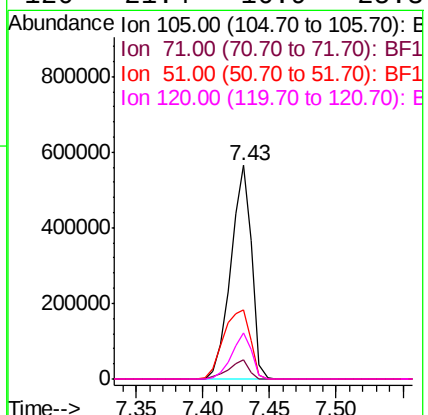
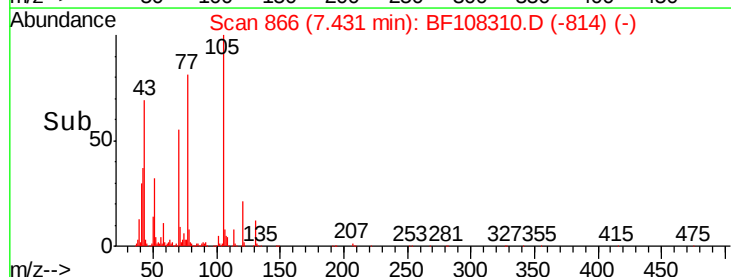
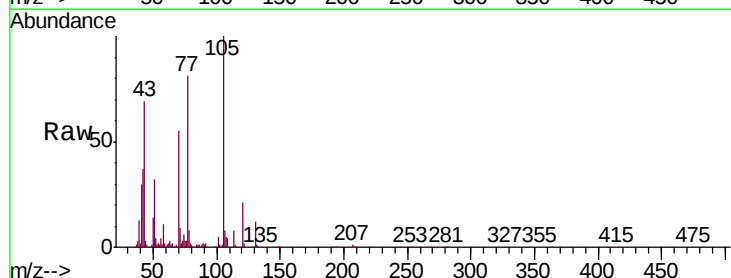
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

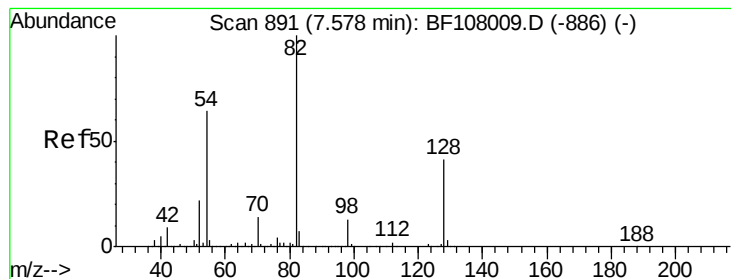
Tgt Ion:	136	Resp:	597695
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 44.341 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:	105	Resp:	619688
Ion	Ratio	Lower	Upper
105	100		
71	8.9	4.4	6.6#
51	32.4	22.3	33.5
120	21.4	16.9	25.3





#23

Nitrobenzene-d5

Concen: 98.098 ng

RT: 7.59 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

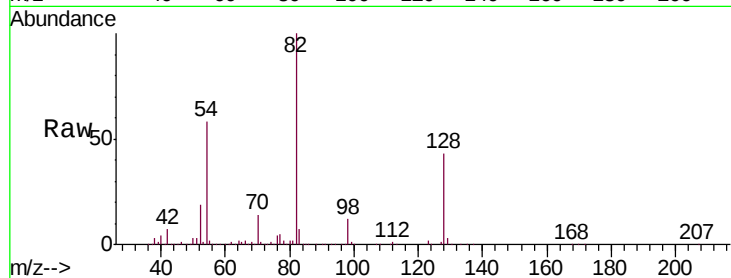
Tgt Ion: 82 Resp: 1050743

Ion Ratio Lower Upper

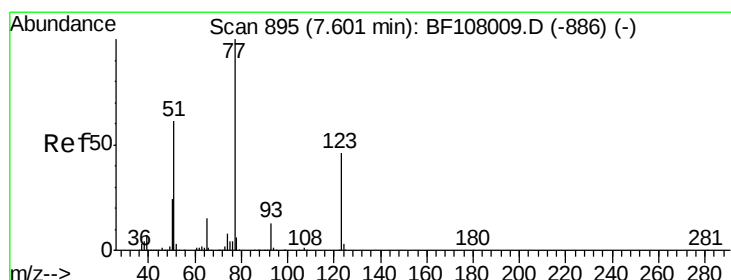
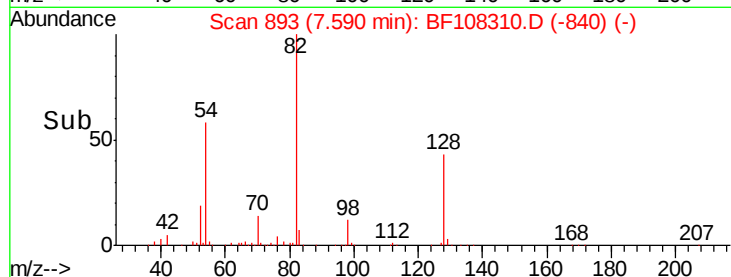
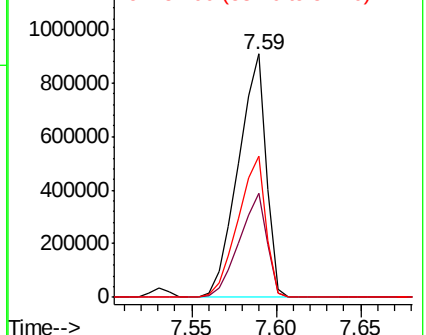
82 100

128 42.7 36.1 54.1

54 57.8 41.4 62.2



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



#24

Nitrobenzene

Concen: 43.297 ng

RT: 7.61 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

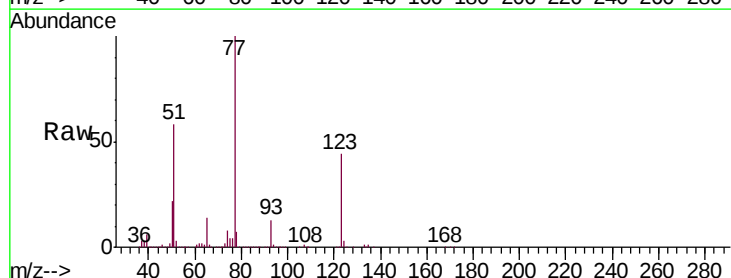
Tgt Ion: 77 Resp: 468962

Ion Ratio Lower Upper

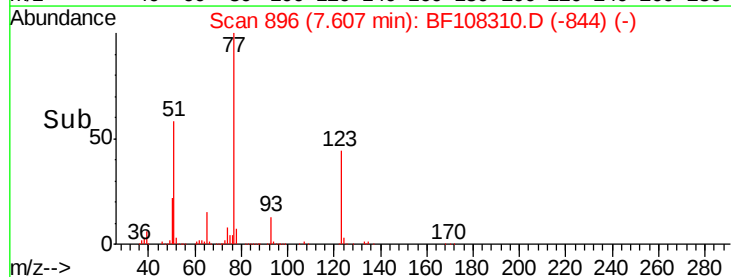
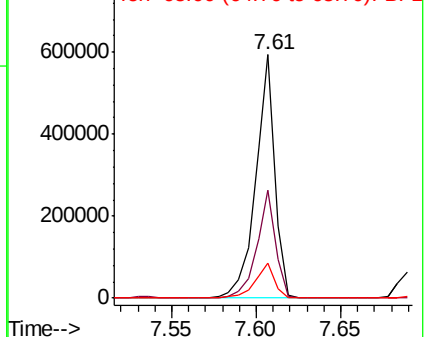
77 100

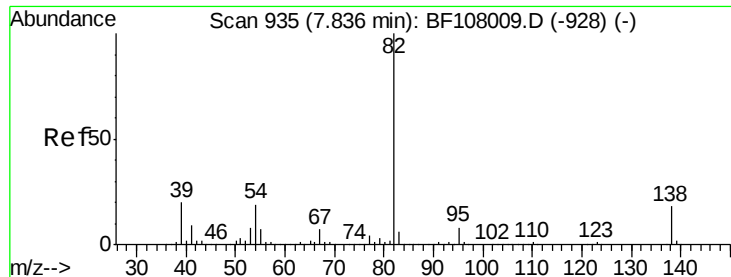
123 44.4 37.9 56.9

65 14.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.570 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

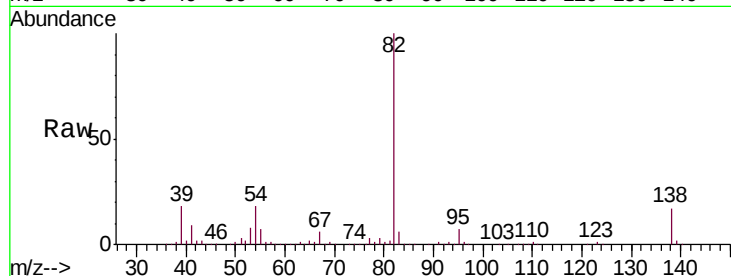
Tgt Ion: 82 Resp: 848677

Ion Ratio Lower Upper

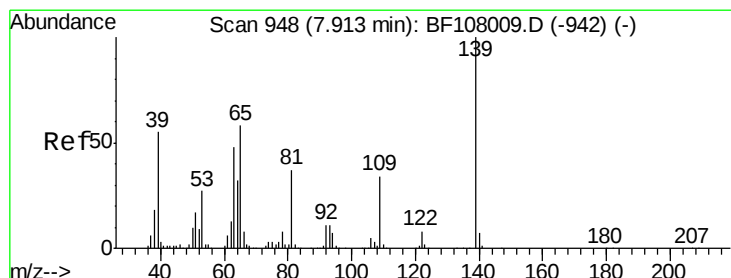
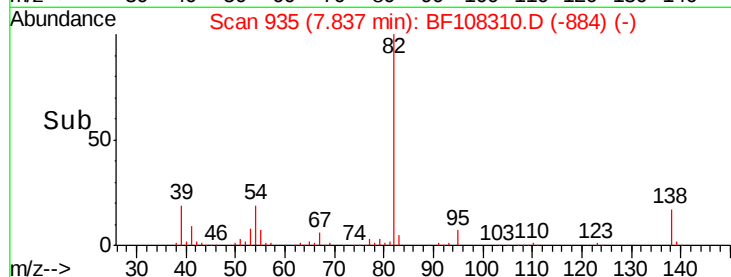
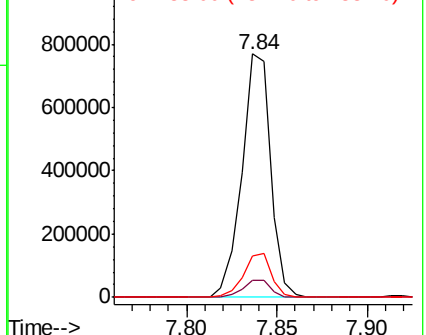
82 100

95 7.2 5.2 7.8

138 16.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.217 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

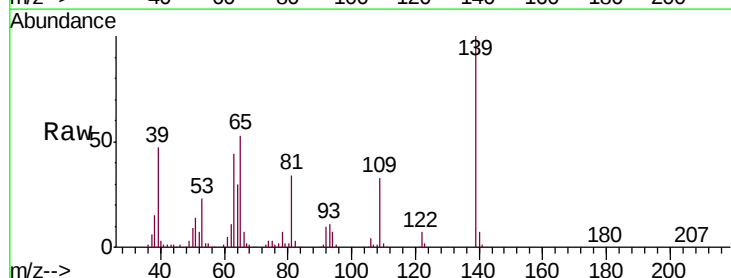
Tgt Ion: 139 Resp: 135868

Ion Ratio Lower Upper

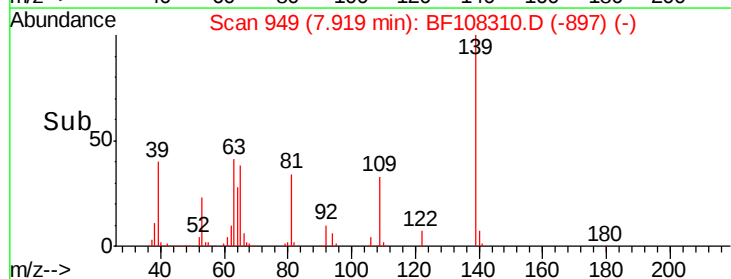
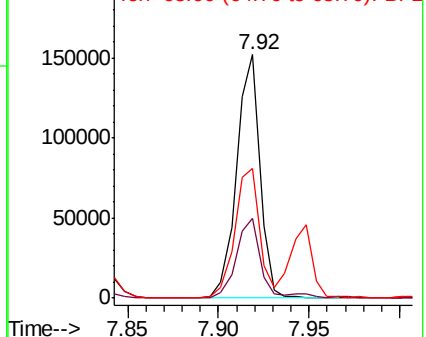
139 100

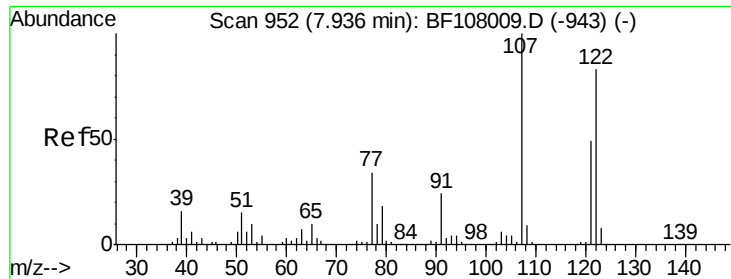
109 32.6 22.7 34.1

65 53.4 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 42.271 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

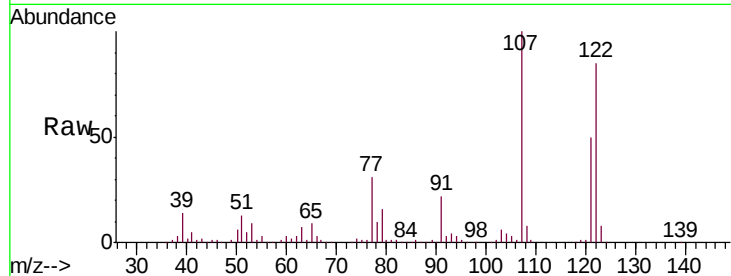
Tgt Ion:122 Resp: 383026

Ion Ratio Lower Upper

122 100

107 117.5 91.2 136.8

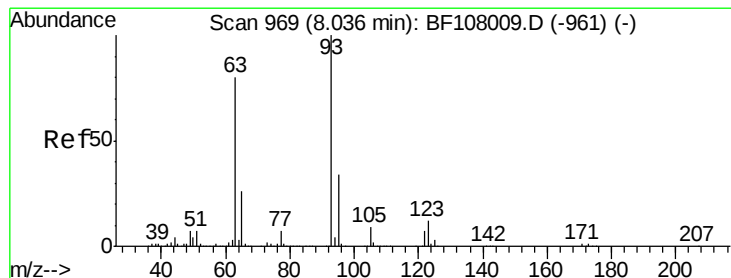
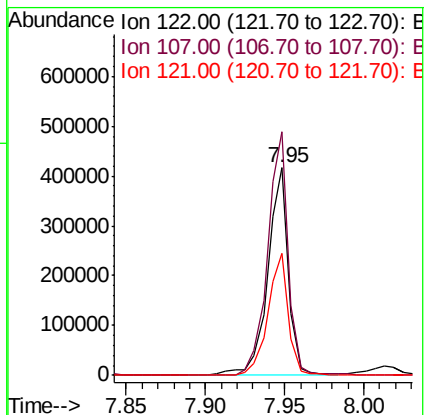
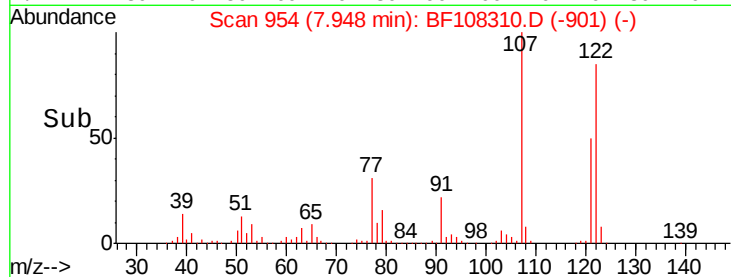
121 59.2 47.2 70.8



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: 43.840 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

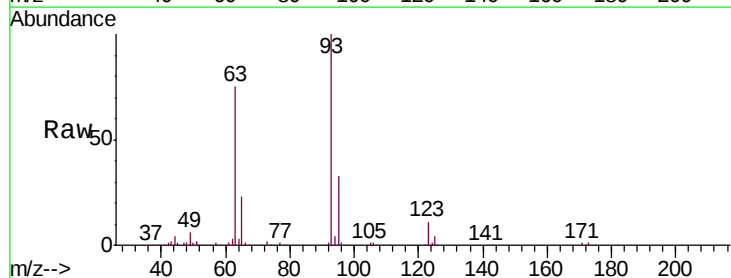
Tgt Ion: 93 Resp: 522501

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

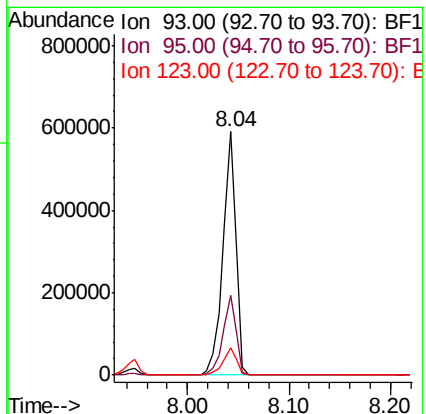
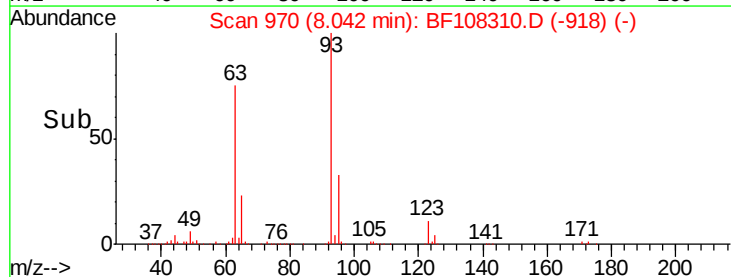
123 11.3 9.8 14.6

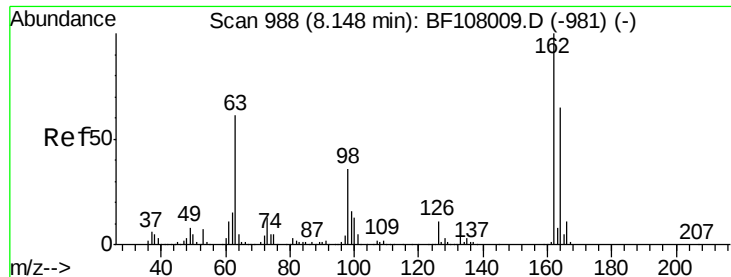


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

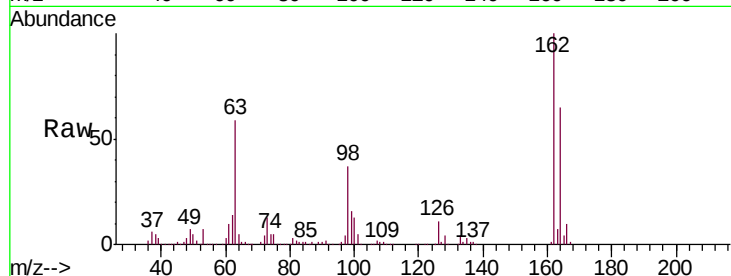




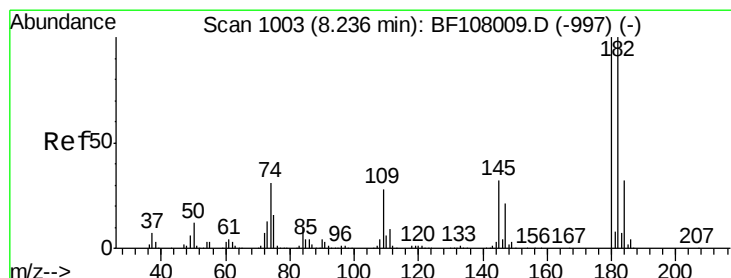
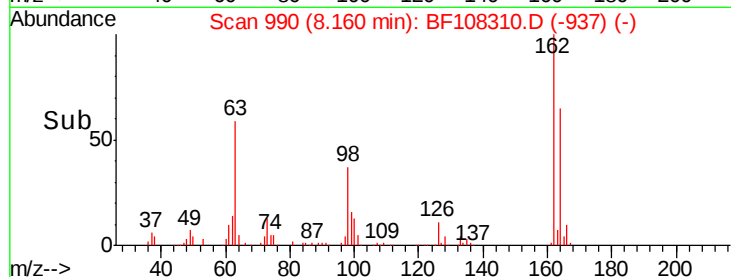
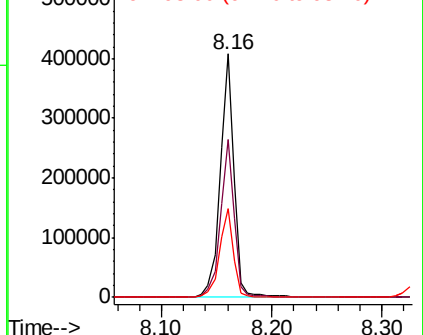
#29
 2,4-Dichlorophenol
 Concen: 42.573 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	36.6	18.1	58.1

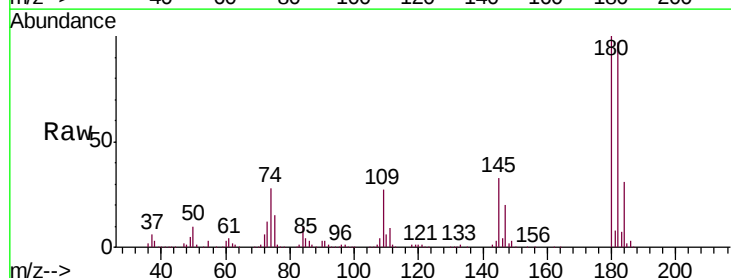


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

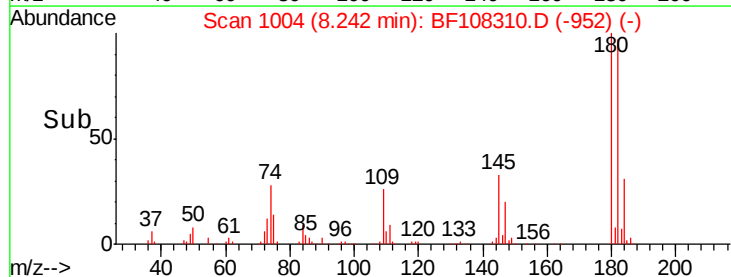
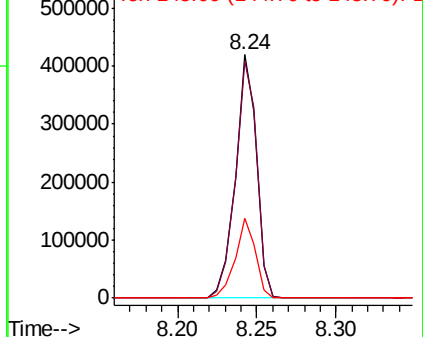


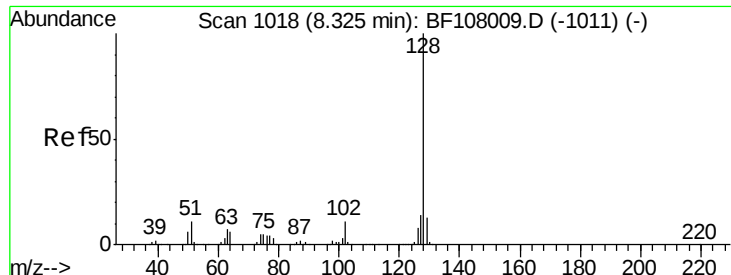
#30
 1,2,4-Trichlorobenzene
 Concen: 42.004 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	32.9	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

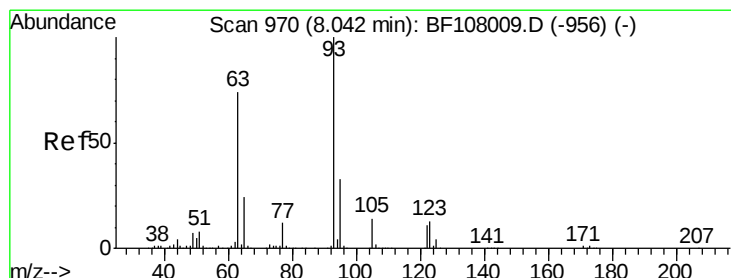
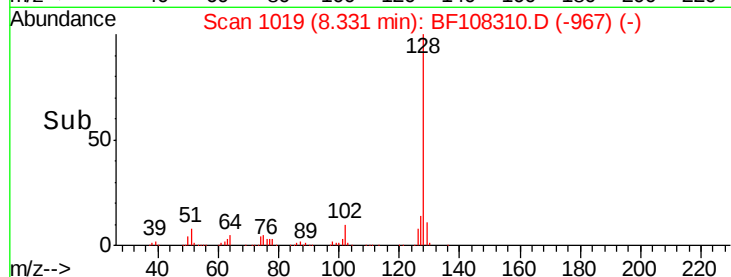
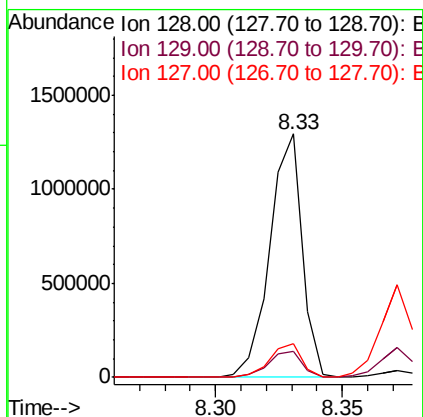
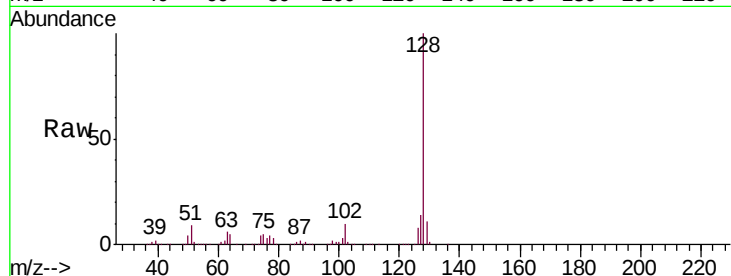




#31
Naphthalene
Concen: 42.804 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

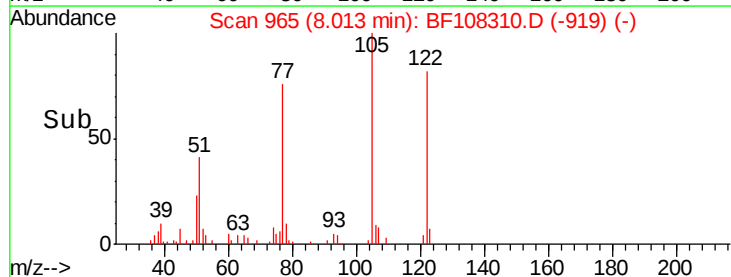
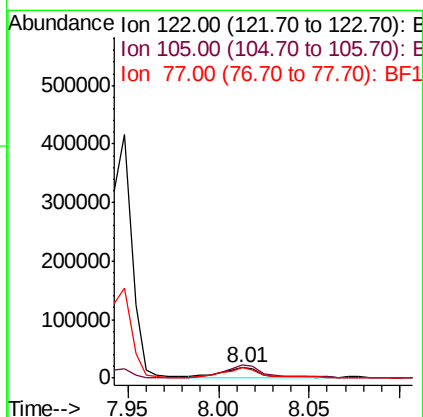
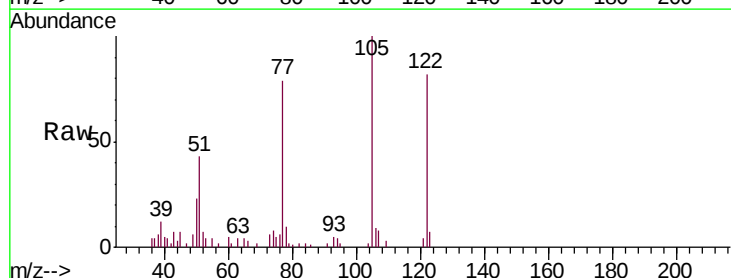
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

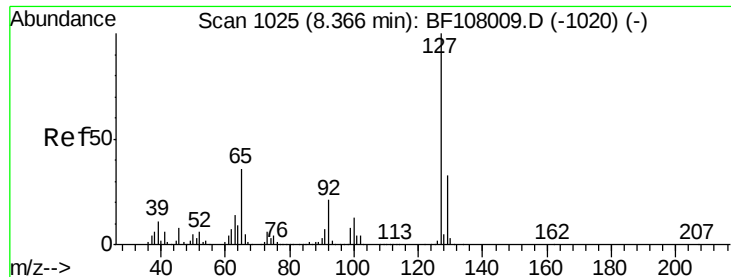
Tgt Ion:128 Resp: 1163492
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 10.136 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:122 Resp: 24995
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 96.3 70.7 110.7

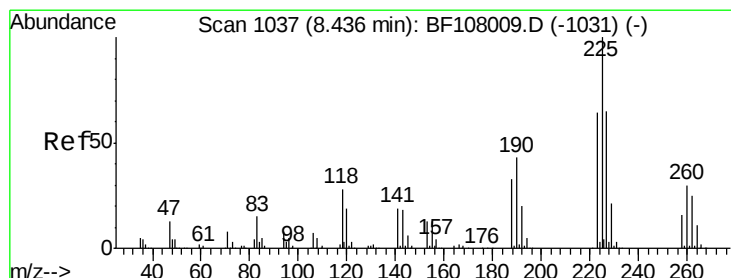
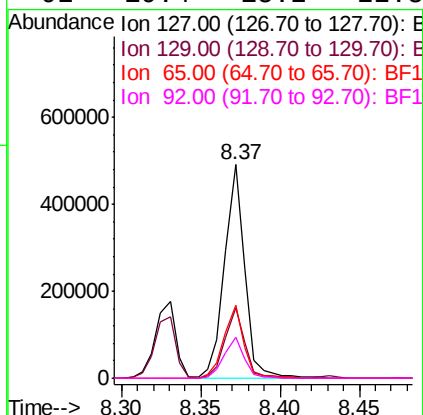
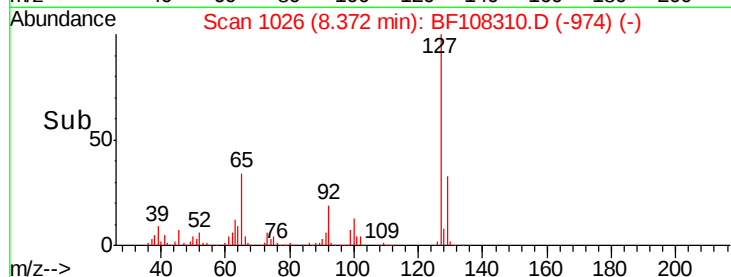
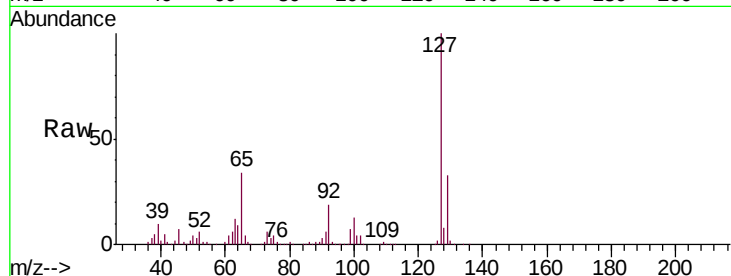




#33
4-Chloroaniline
Concen: 36.693 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

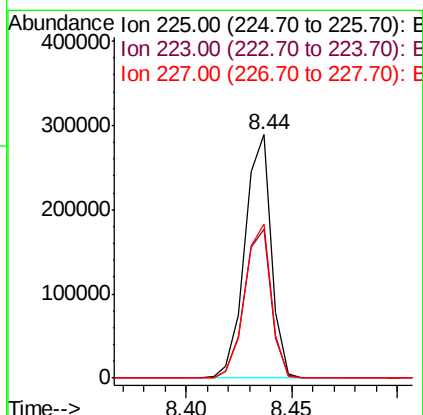
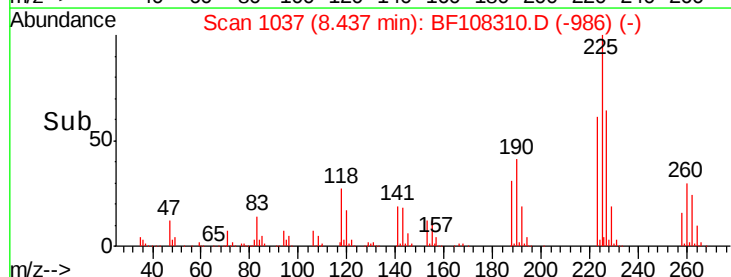
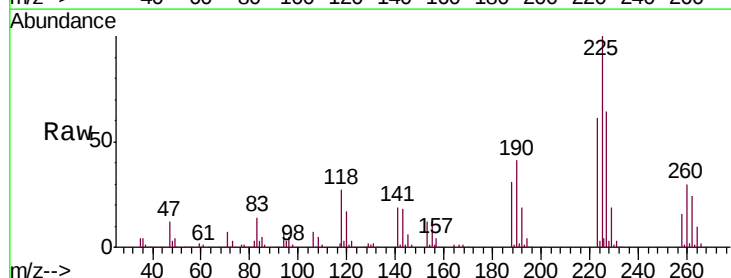
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Tgt Ion:	127	Resp:	434658
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	34.2	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.932 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:	225	Resp:	249865
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	63.5	51.9	77.9

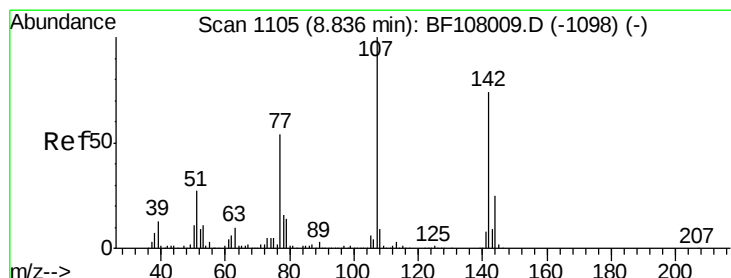
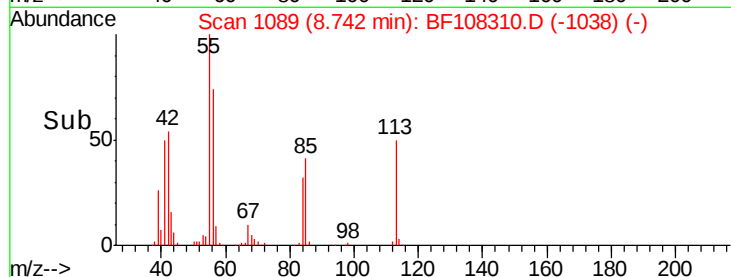
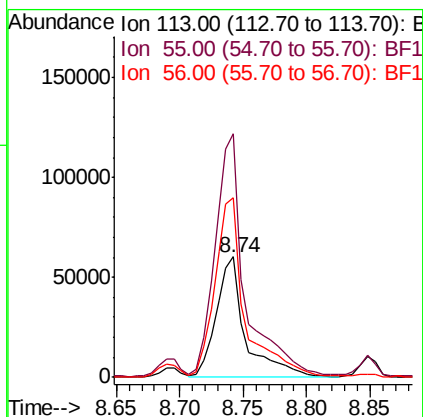
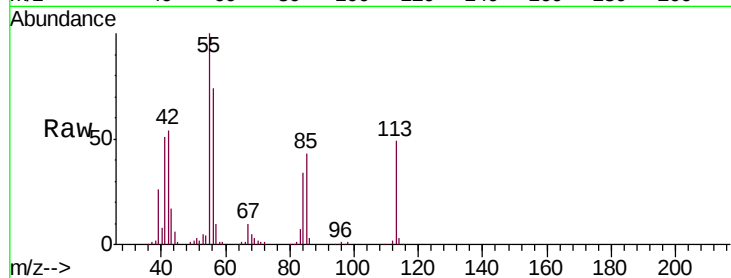




#35
 Caprolactam
 Concen: 37.318 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

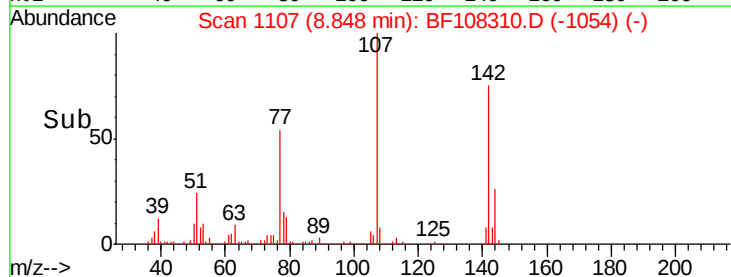
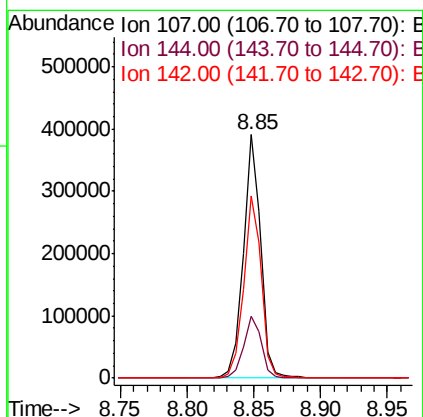
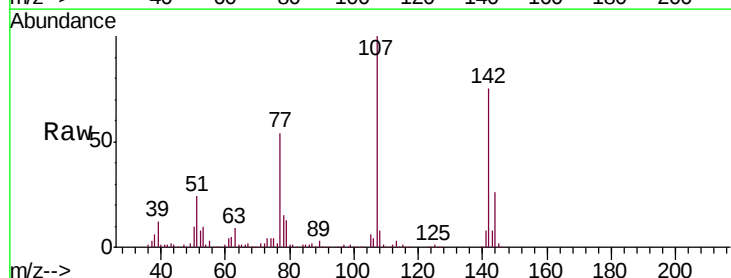
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

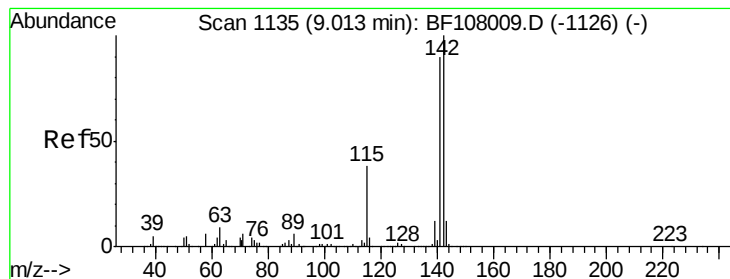
Tgt Ion:113 Resp: 97517
 Ion Ratio Lower Upper
 113 100
 55 202.4 163.3 203.3
 56 149.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.036 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion:107 Resp: 351156
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 75.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.589 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

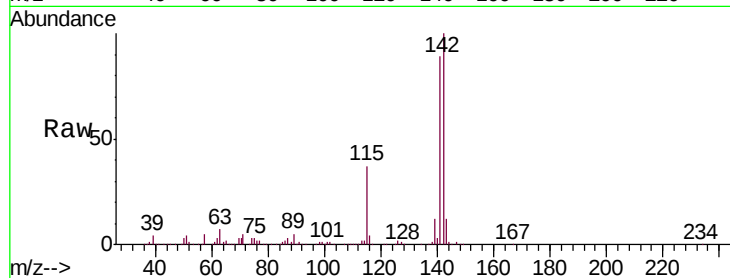
Tgt Ion:142 Resp: 761362

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

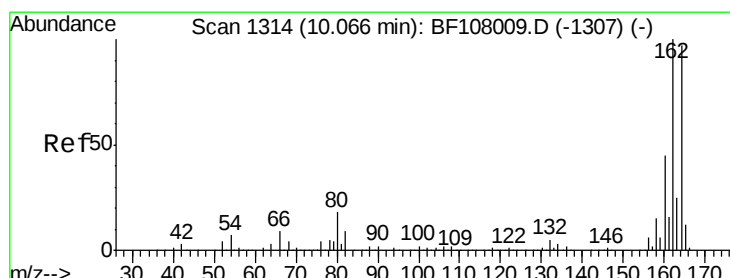
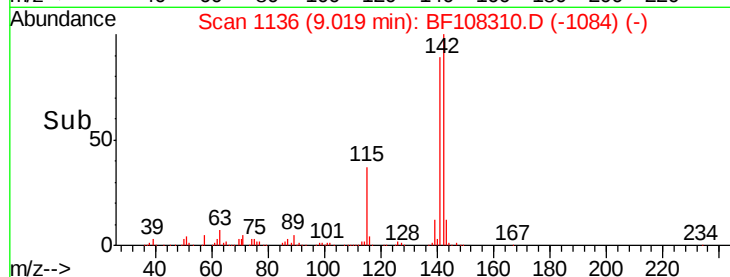
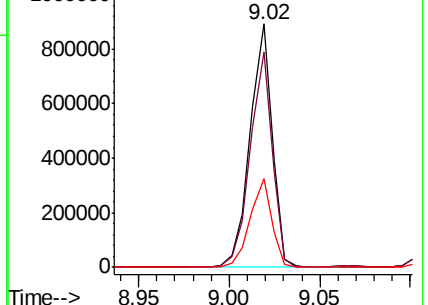
115 36.6 26.1 39.1



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: BF108310.D

Acq: 21 Aug 2018 00:22

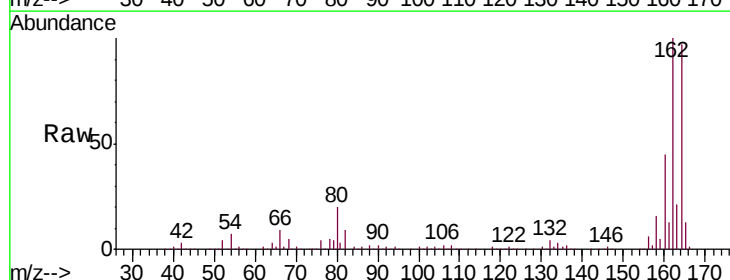
Tgt Ion:164 Resp: 255024

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

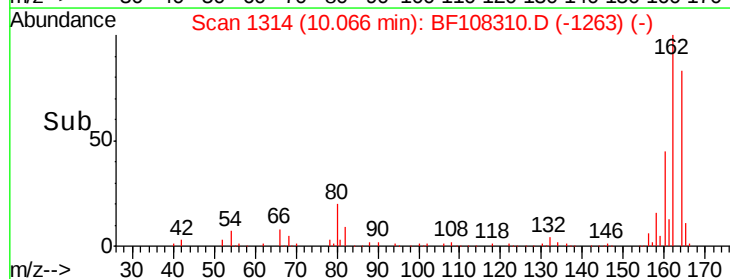
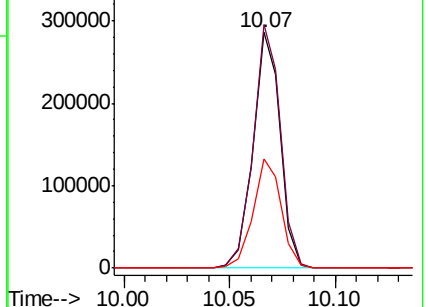
160 46.5 38.3 57.5

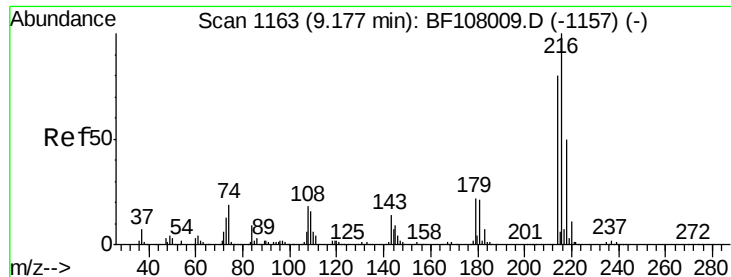


Abundance Ion 164.00 (163.70 to 164.70): E

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: 48.101 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

Tgt Ion:216 Resp: 376701

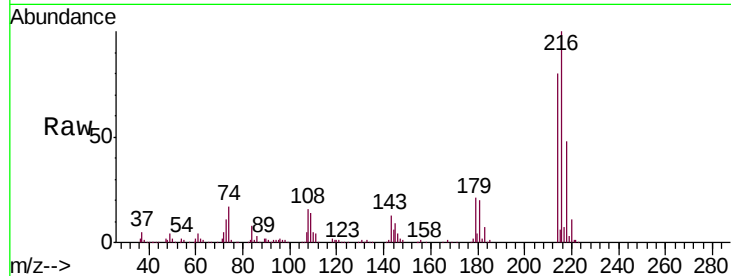
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 21.0 18.1 27.1

108 16.6 17.2 25.8#

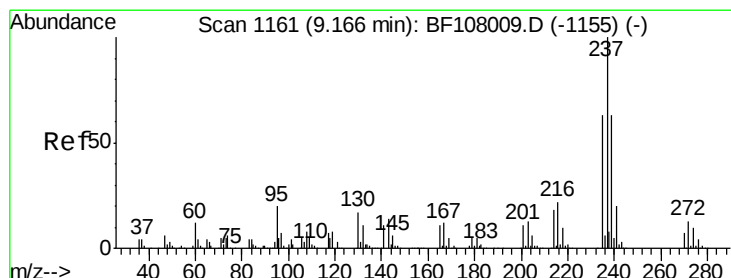
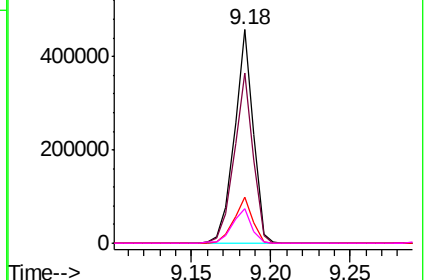
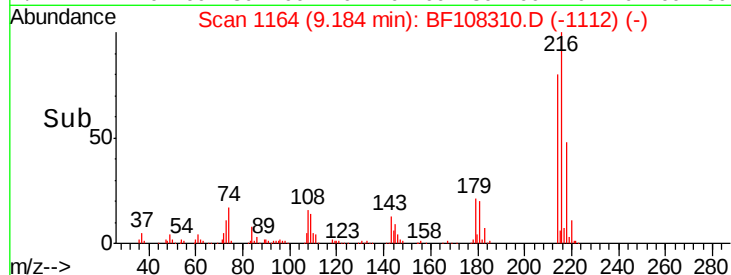


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.122 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

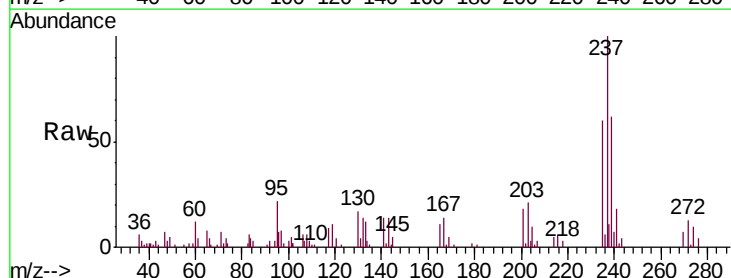
Tgt Ion:237 Resp: 30968

Ion Ratio Lower Upper

237 100

235 59.6 44.8 84.8

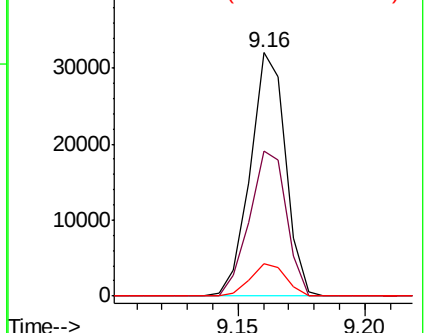
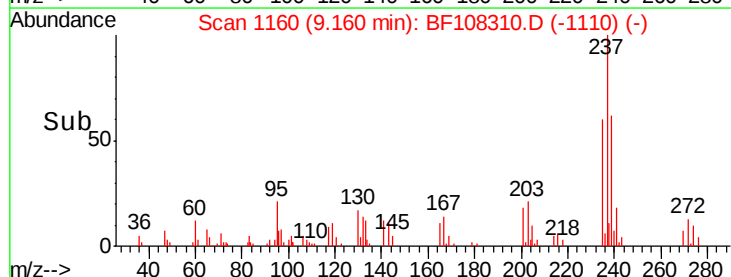
272 13.1 0.0 33.3

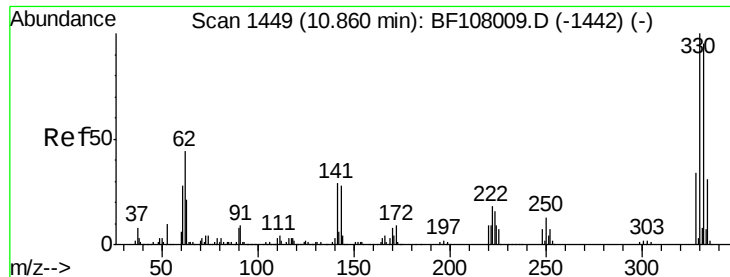


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

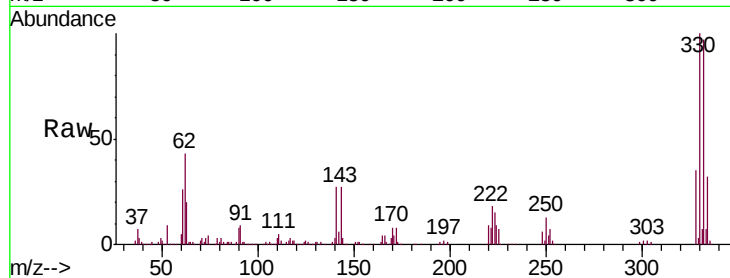




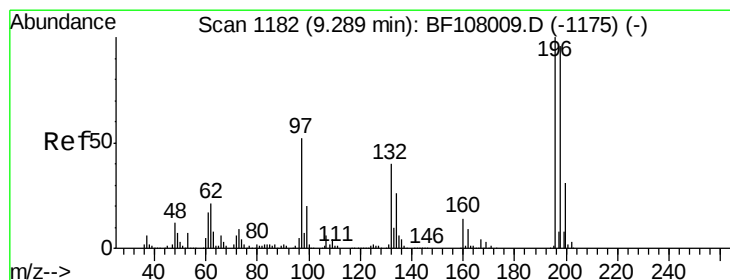
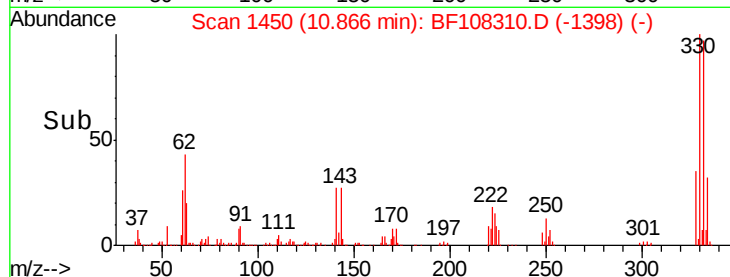
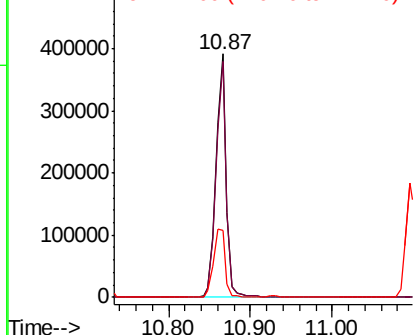
#41
 2,4,6-Tribromophenol
 Concen: 134.705 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

Tgt Ion:330 Resp: 342663
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.1 29.9 44.9

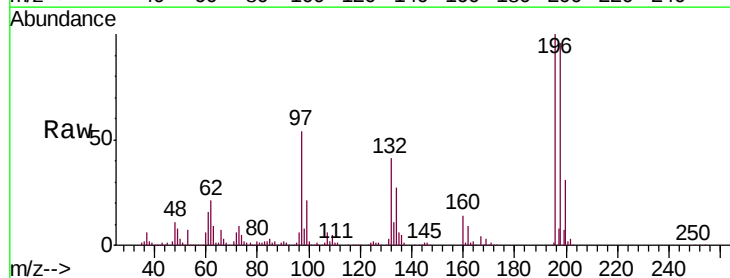


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

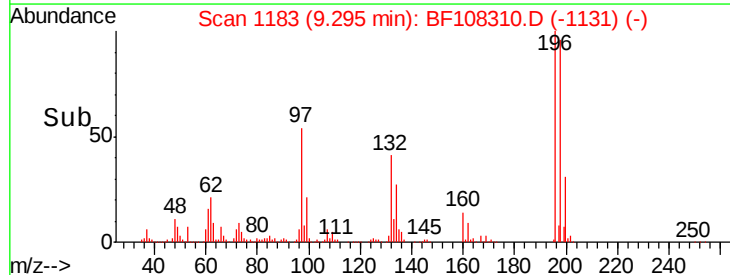
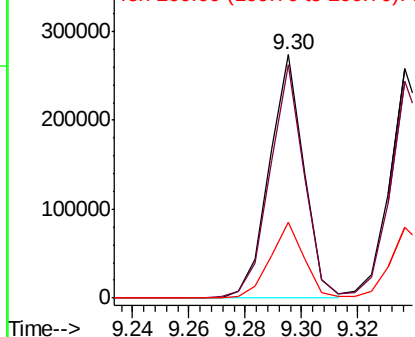


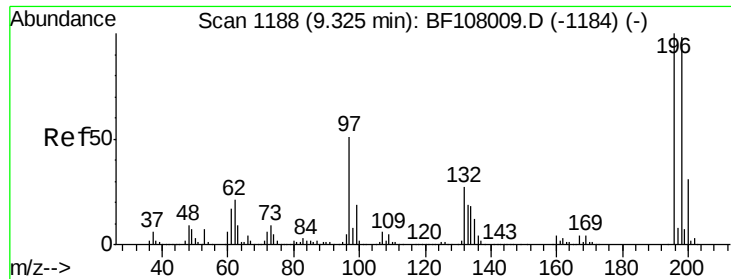
#42
 2,4,6-Trichlorophenol
 Concen: 47.878 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion:196 Resp: 232682
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 31.2 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

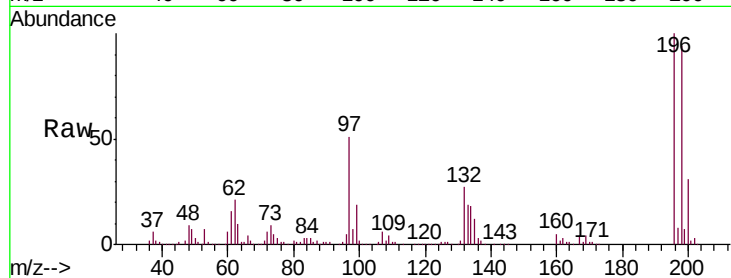




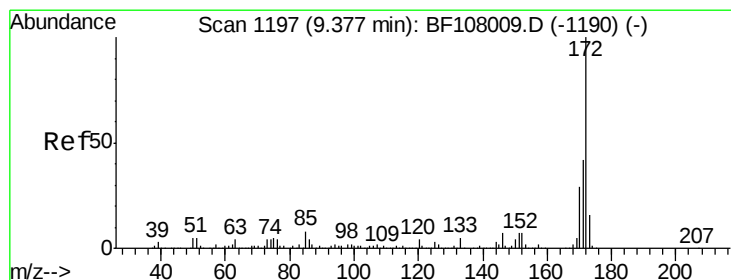
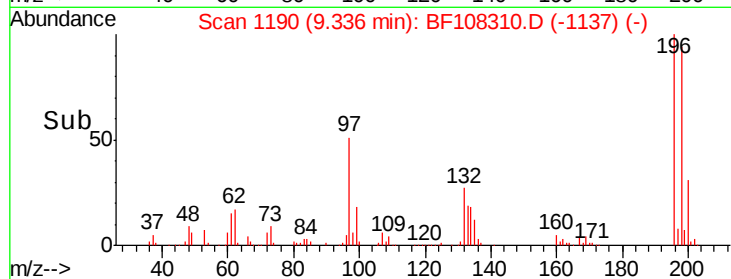
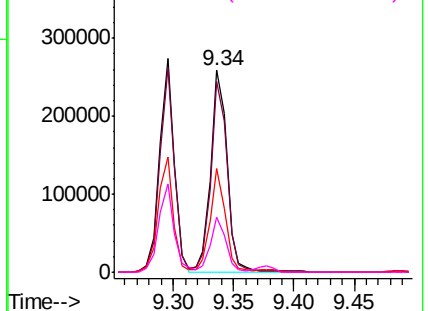
#43
 2,4,5-Trichlorophenol
 Concen: 45.304 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

Tgt Ion:	196	Resp:	242369
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	51.1	42.9	64.3
132	27.4	26.3	39.5

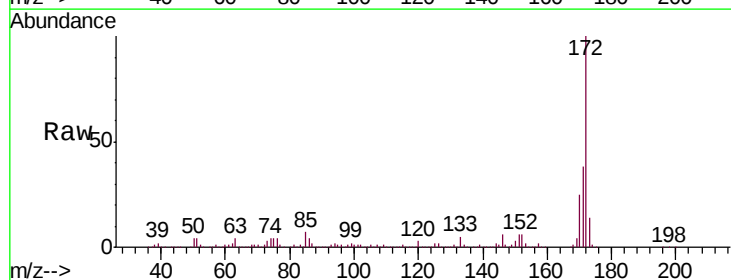


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

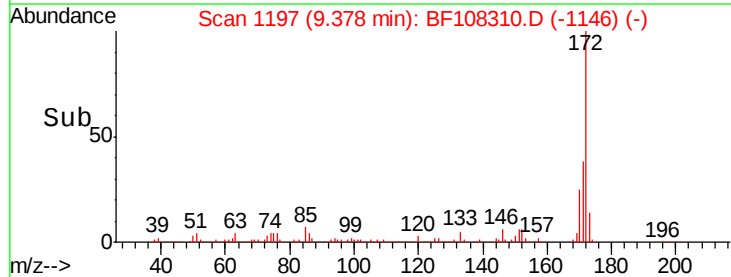
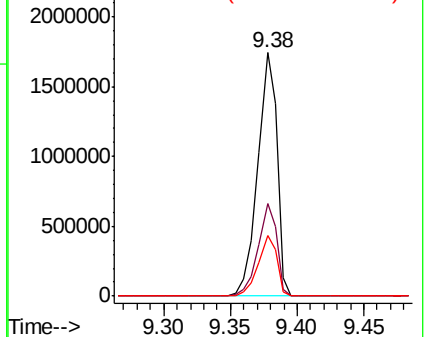


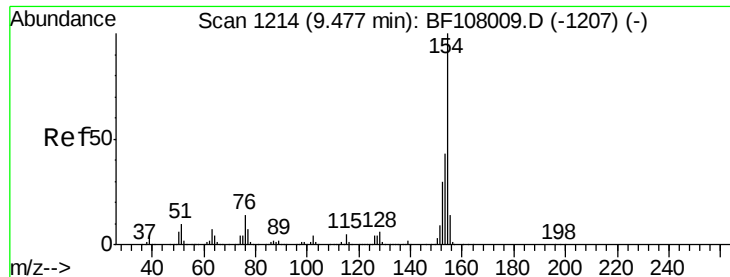
#44
 2-Fluorobiphenyl
 Concen: 107.827 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion:	172	Resp:	1712794
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.1	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

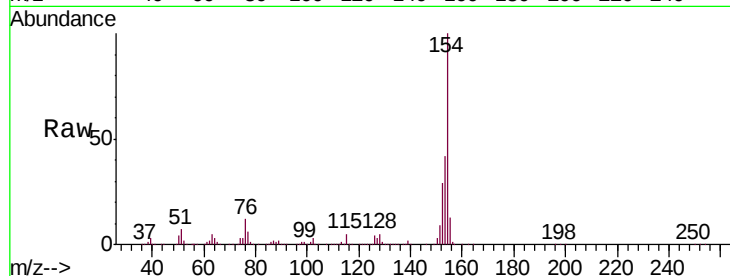




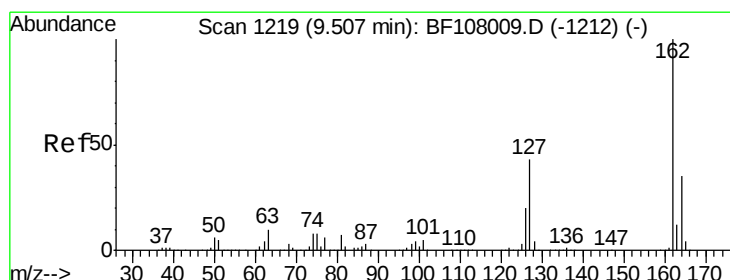
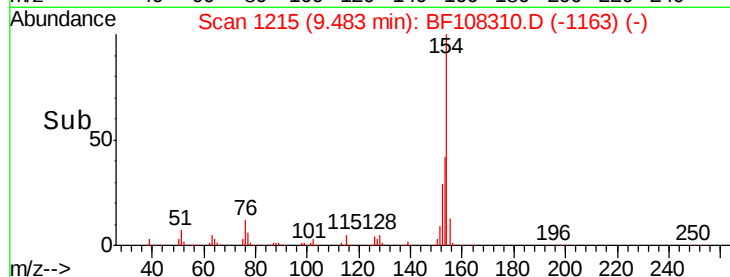
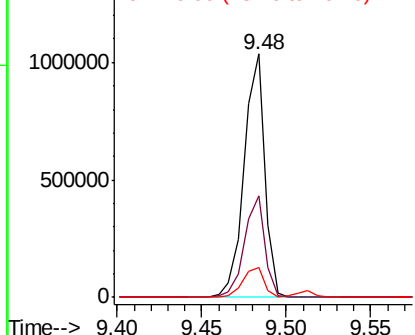
#45
 1,1'-Biphenyl
 Concen: 47.142 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.1	0.0	34.0

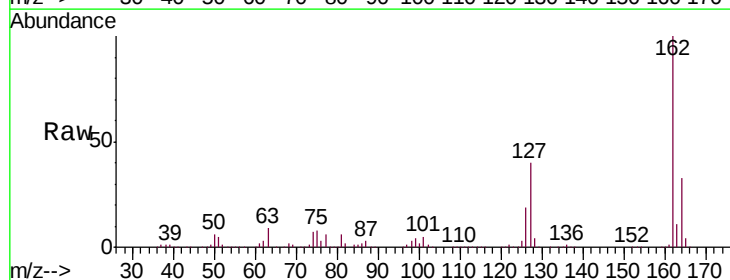


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

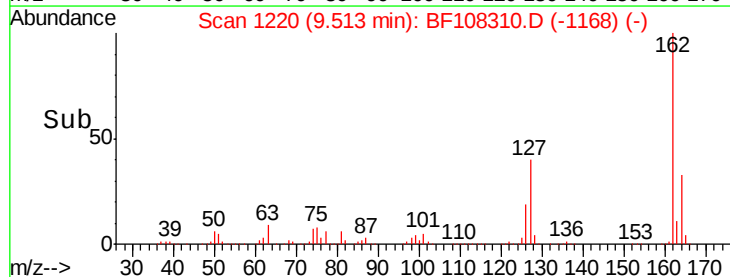
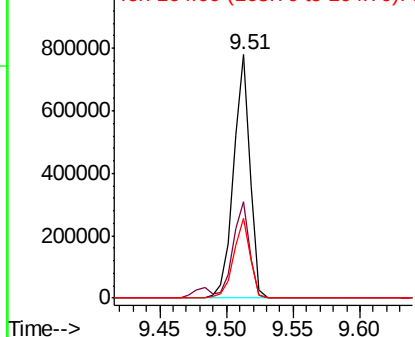


#46
 2-Chloronaphthalene
 Concen: 45.603 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	32.9	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

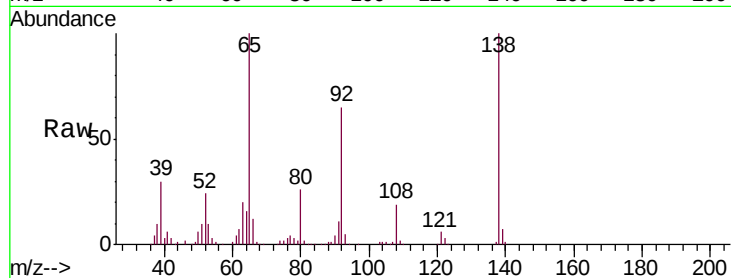




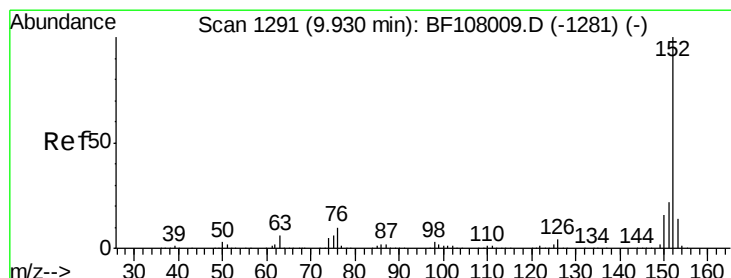
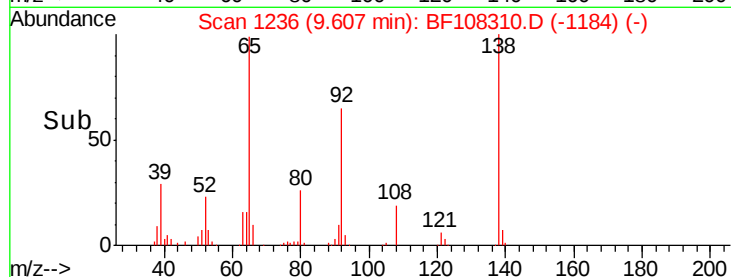
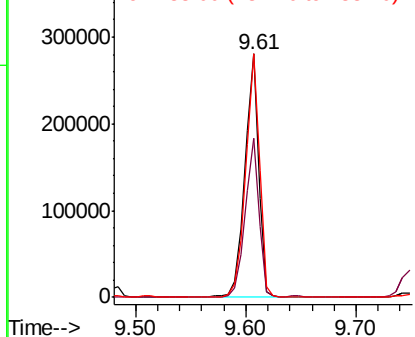
#47
2-Nitroaniline
Concen: 51.853 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Tgt Ion: 65 Resp: 249337
Ion Ratio Lower Upper
65 100
92 65.3 55.8 83.6
138 100.1 91.2 136.8

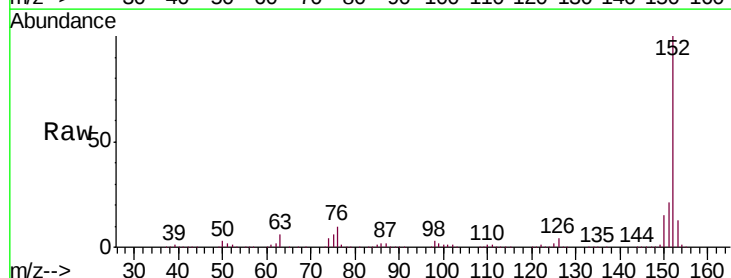


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

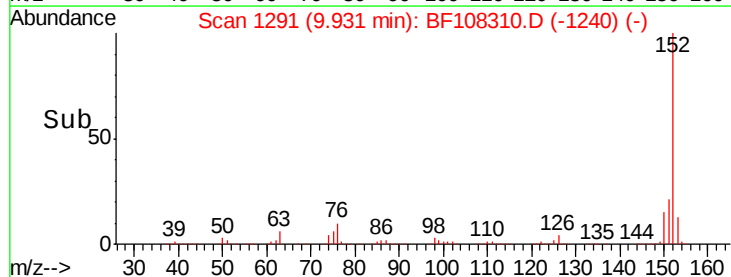
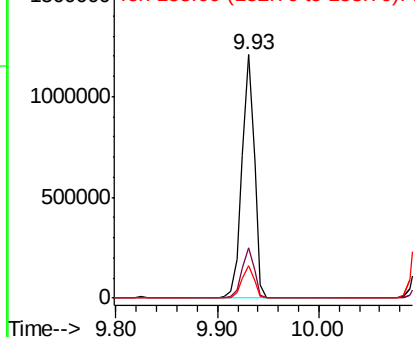


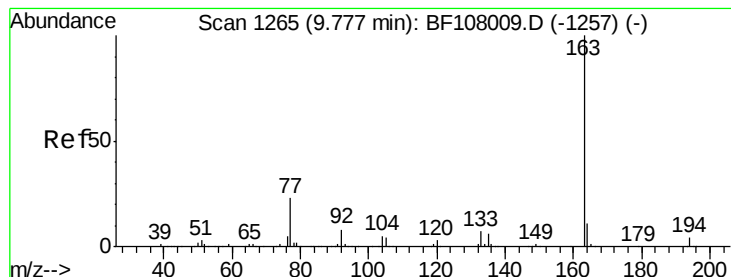
#48
Acenaphthylene
Concen: 43.760 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion: 152 Resp: 1028108
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 55.844 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

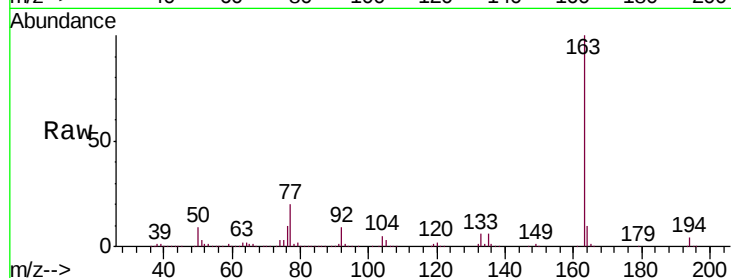
Tgt Ion:163 Resp: 992035

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

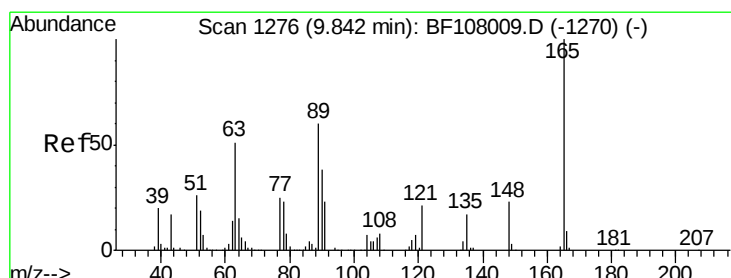
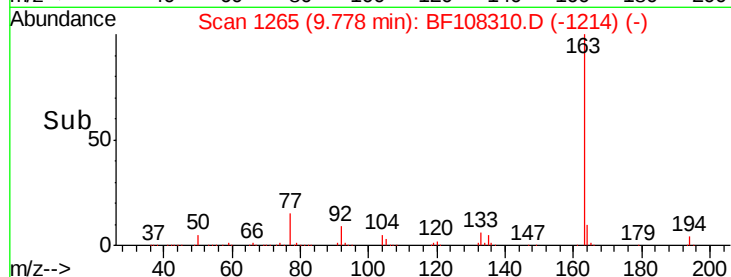
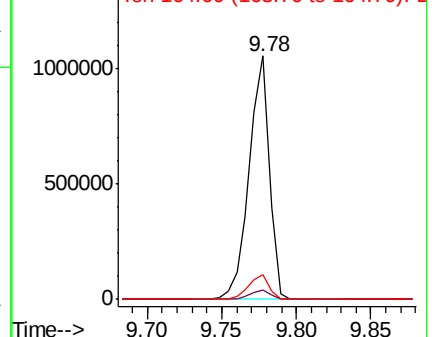
164 10.2 8.2 12.2



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: 38.755 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

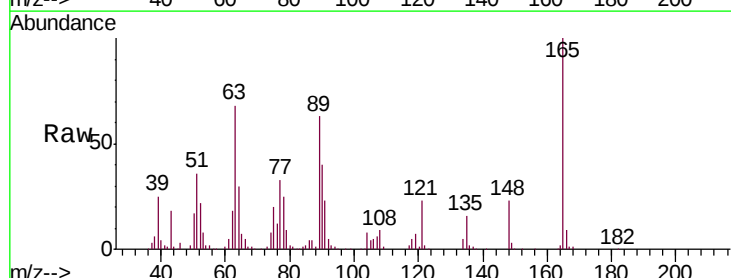
Tgt Ion:165 Resp: 144042

Ion Ratio Lower Upper

165 100

63 68.5 44.7 67.1#

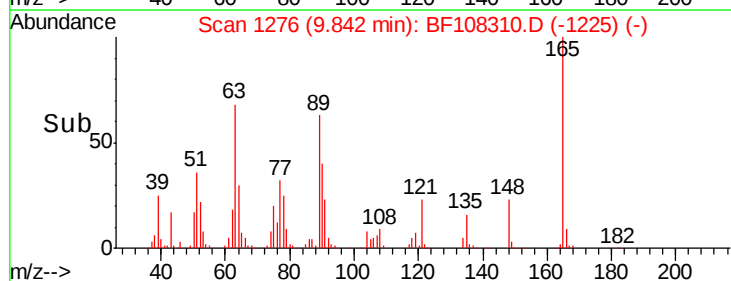
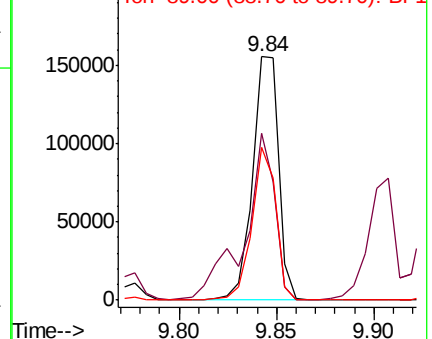
89 62.6 44.0 66.0



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: 40.604 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

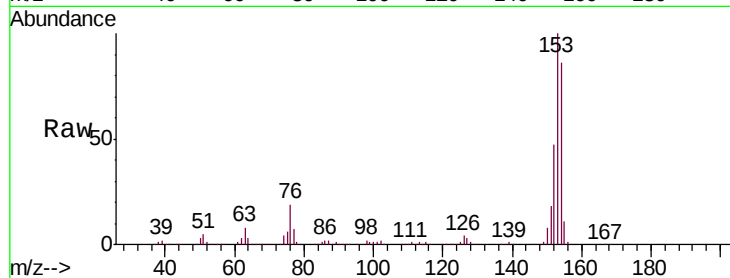
Tgt Ion:154 Resp: 584305

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

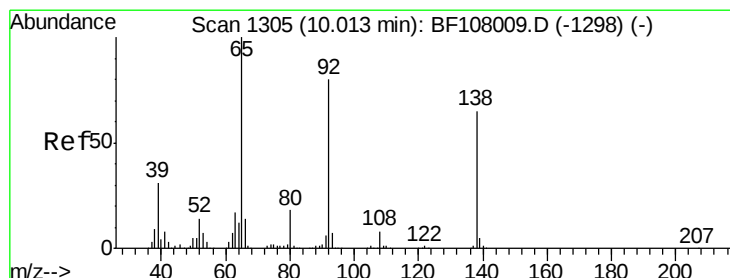
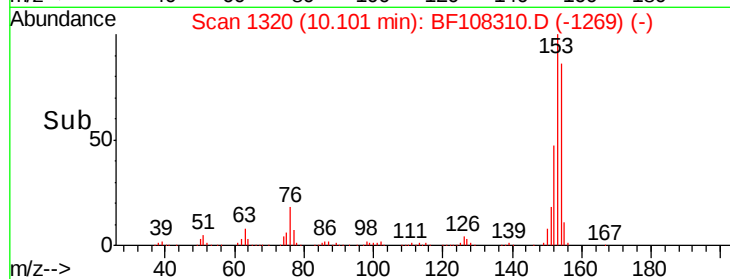
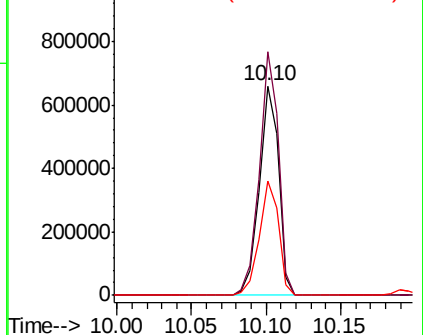
152 54.6 43.8 65.8



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: 49.725 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

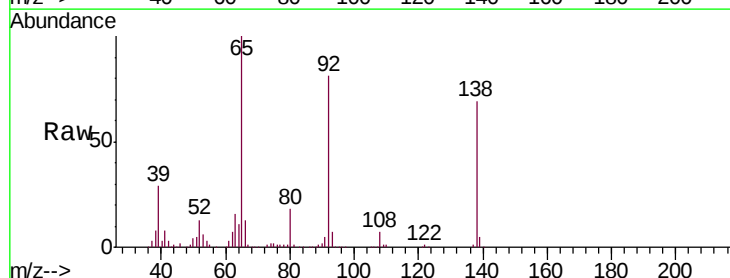
Tgt Ion:138 Resp: 202207

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

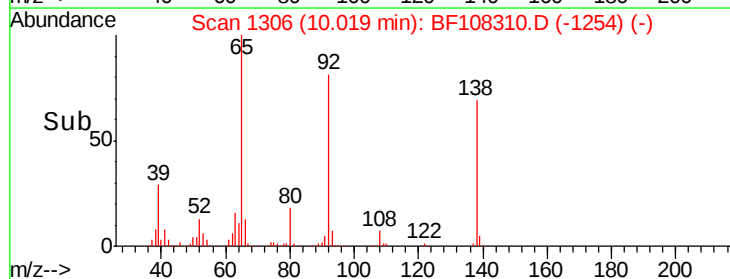
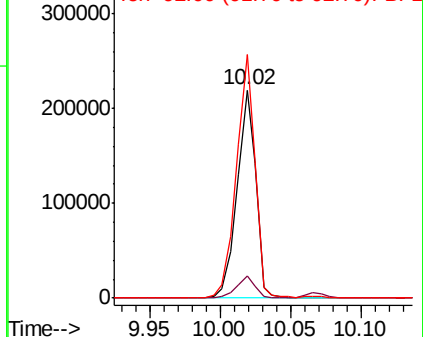
92 117.1 89.4 134.2

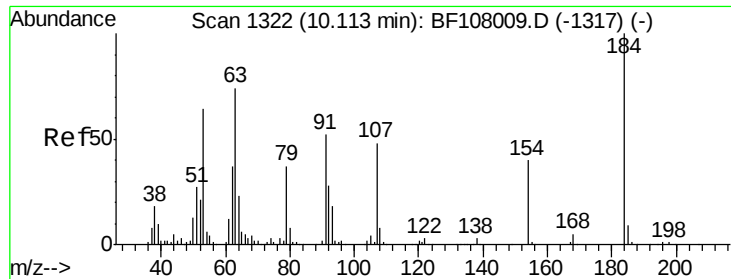


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

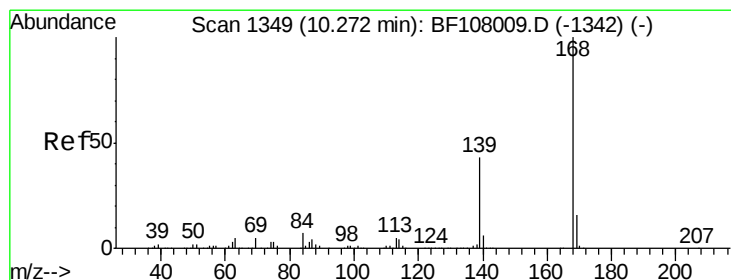
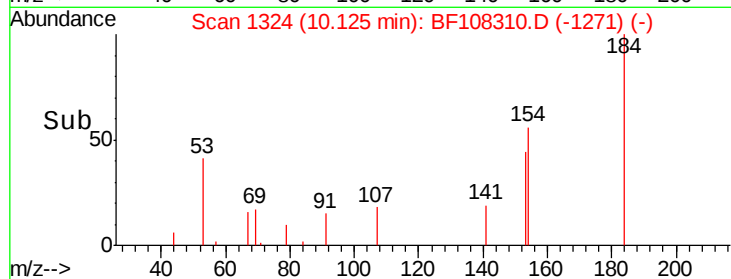
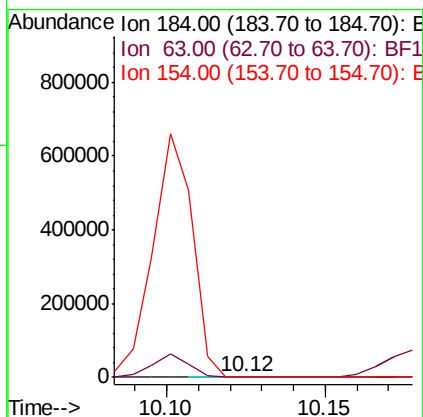
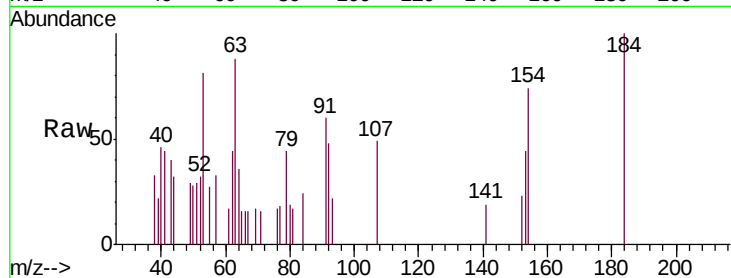




#53
 2,4-Dinitrophenol
 Concen: 8.321 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

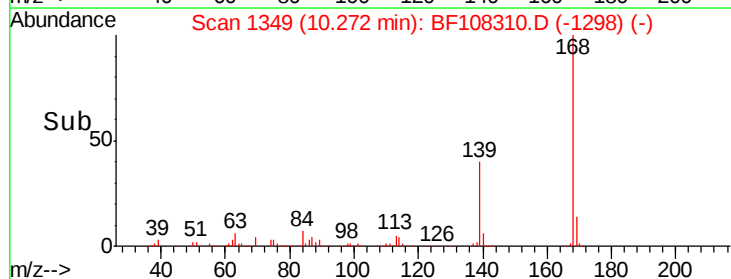
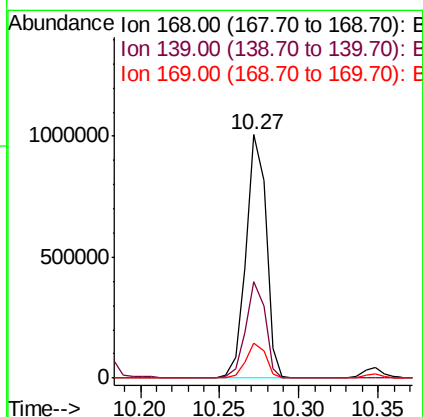
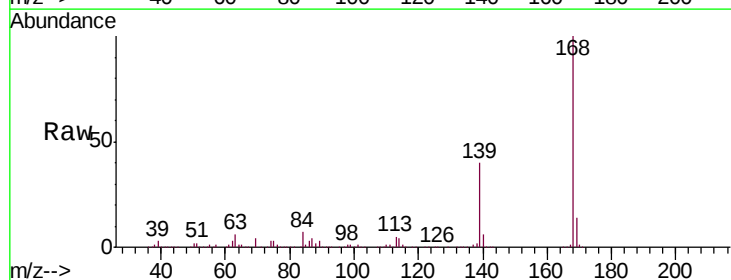
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

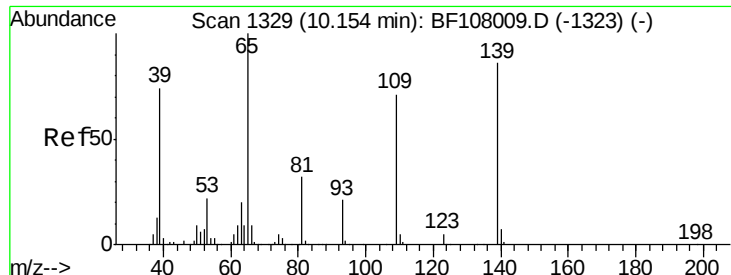
Tgt Ion:184 Resp: 1982
 Ion Ratio Lower Upper
 184 100
 63 88.3 54.2 81.2#
 154 74.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.509 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion:168 Resp: 886230
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 14.2 10.9 16.3

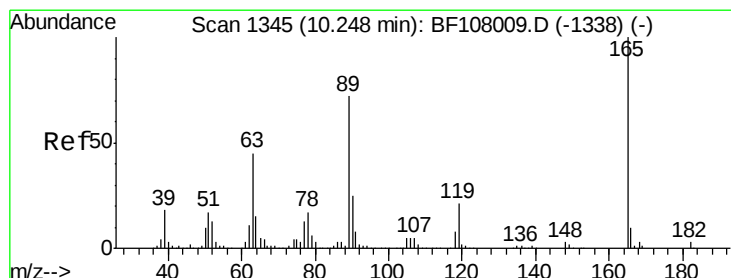
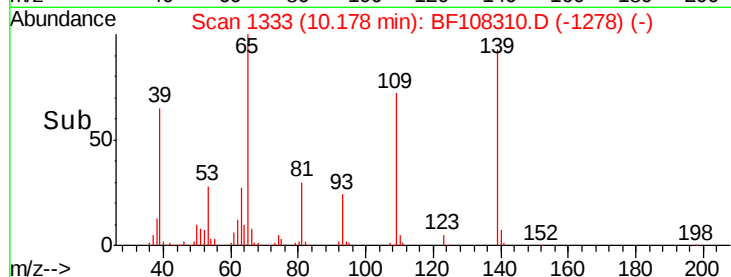
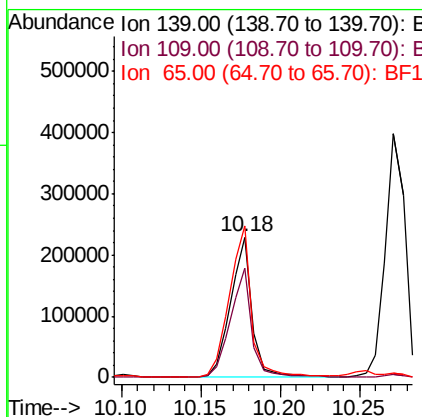
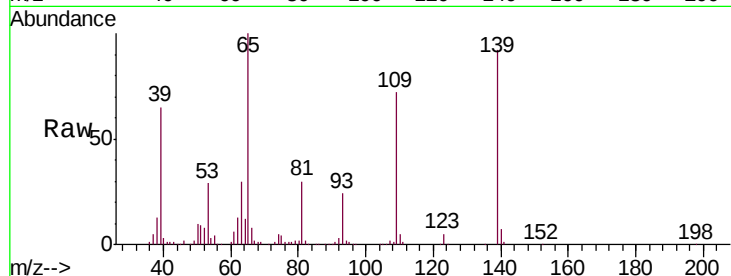




#55
4-Nitrophenol
Concen: 70.681 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

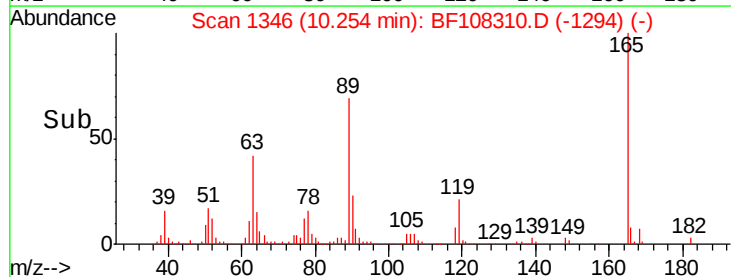
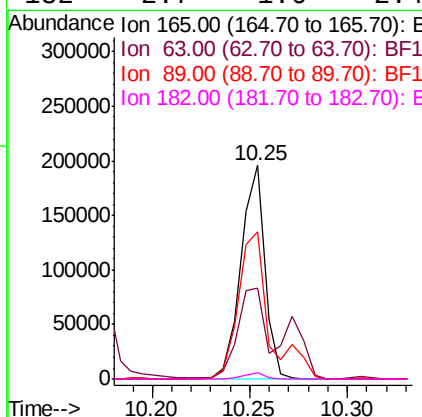
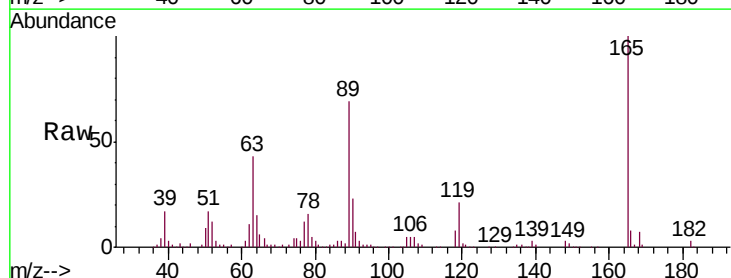
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

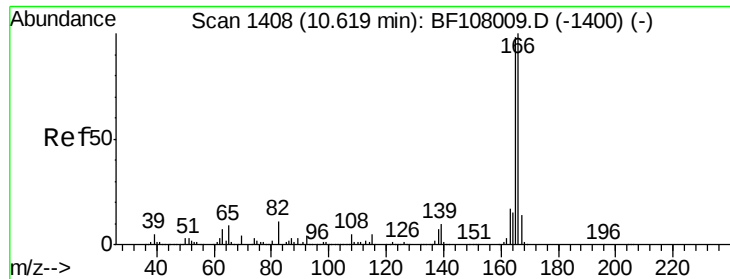
Tgt Ion:139 Resp: 217655
Ion Ratio Lower Upper
139 100
109 77.9 48.4 88.4
65 108.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.004 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:165 Resp: 167464
Ion Ratio Lower Upper
165 100
63 42.7 36.4 54.6
89 69.1 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 41.280 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

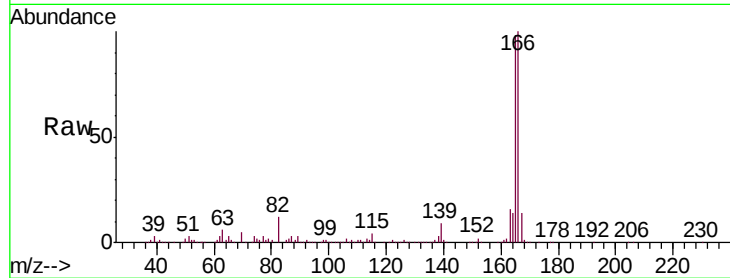
Tgt Ion:166 Resp: 681275

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

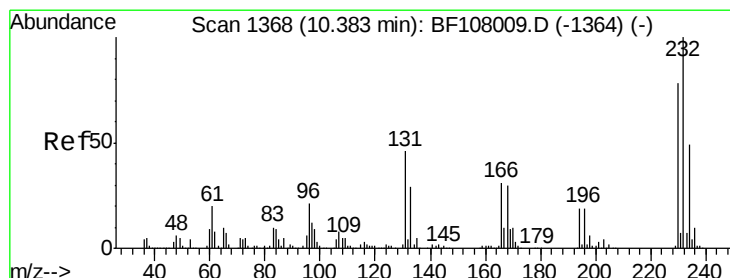
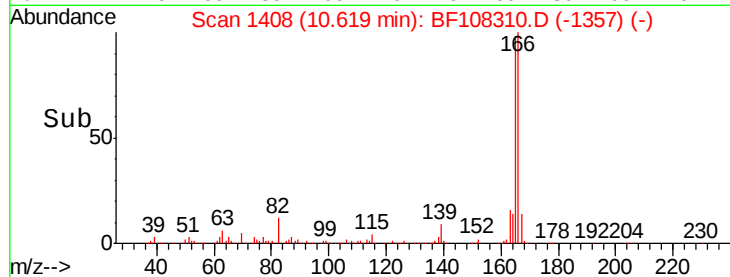
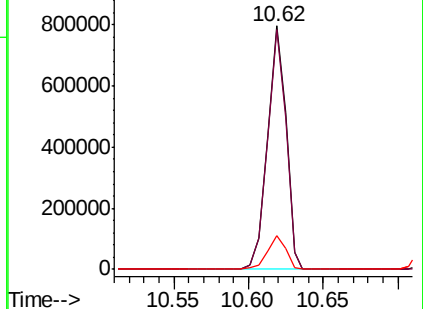
167 13.9 10.6 16.0



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: 40.575 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Tgt Ion:232 Resp: 181432

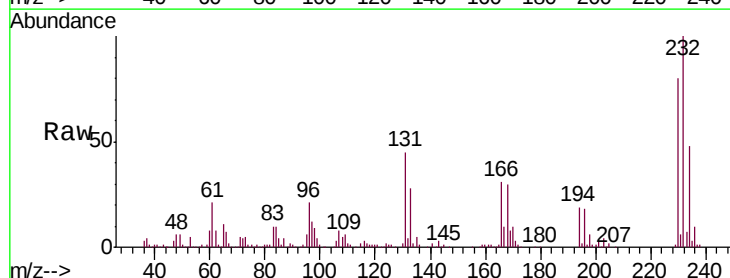
Ion Ratio Lower Upper

232 100

131 41.8 43.8 65.8#

130 2.3 2.1 3.1

166 29.4 27.8 41.6

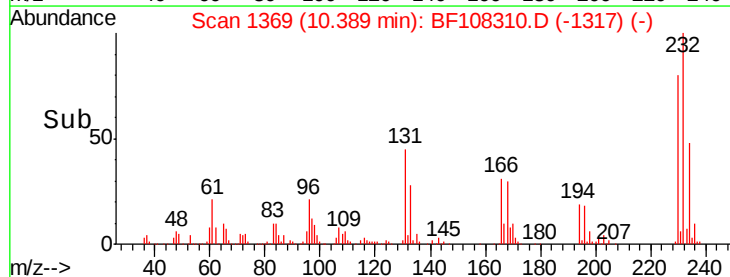
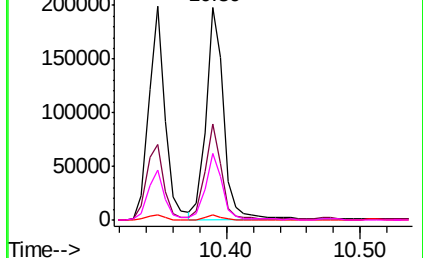


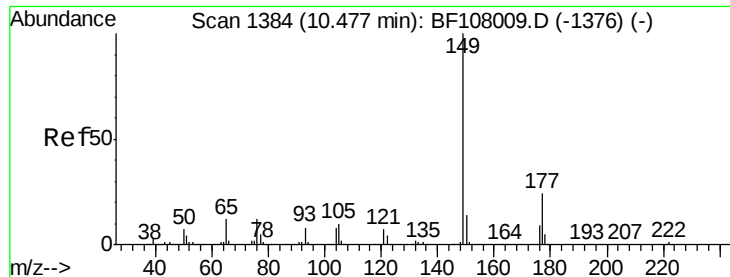
Abundance Ion 232.00 (231.70 to 232.70): E

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

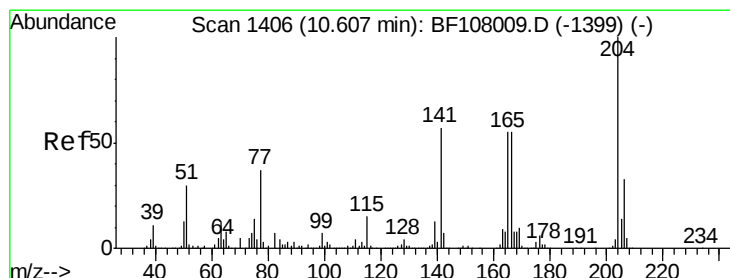
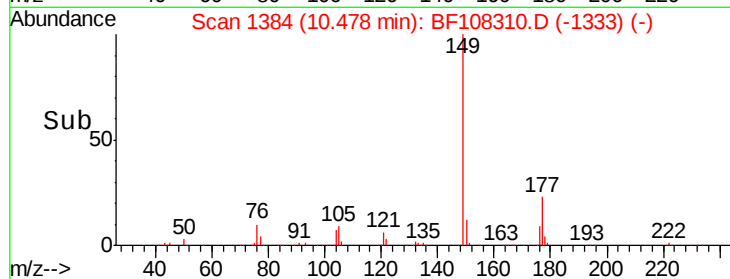
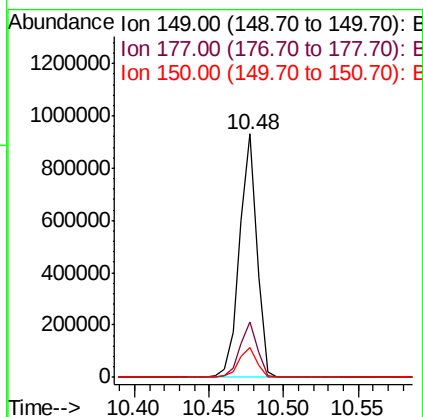
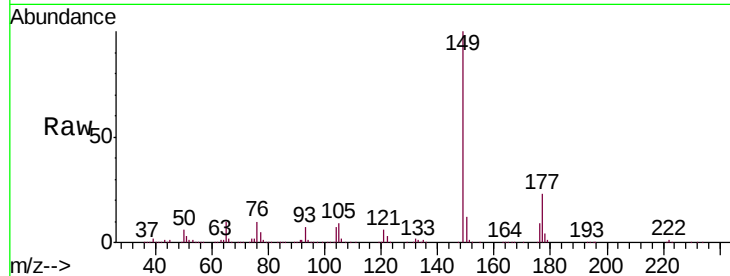




#59
Diethylphthalate
Concen: 44.278 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

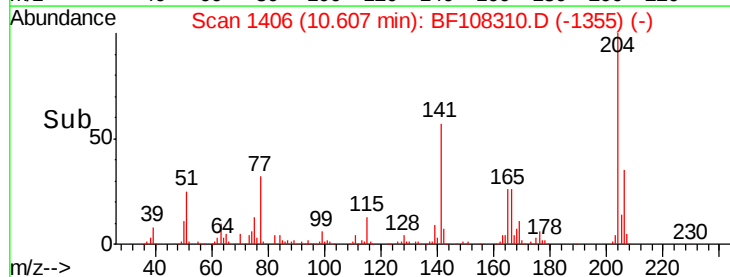
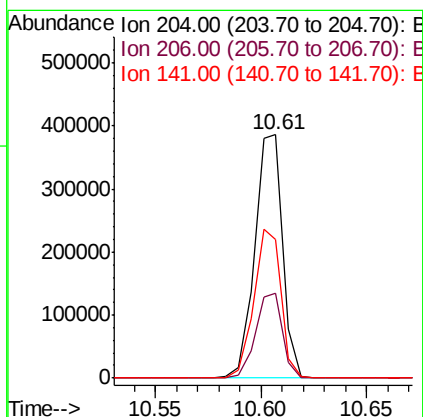
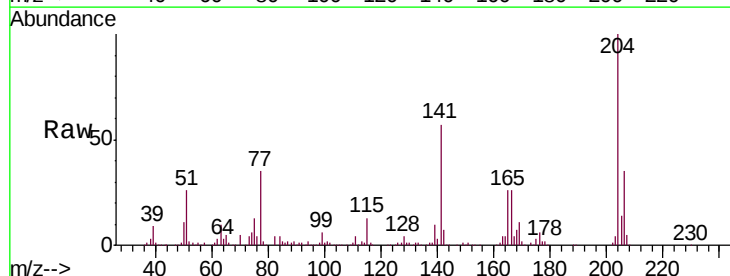
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

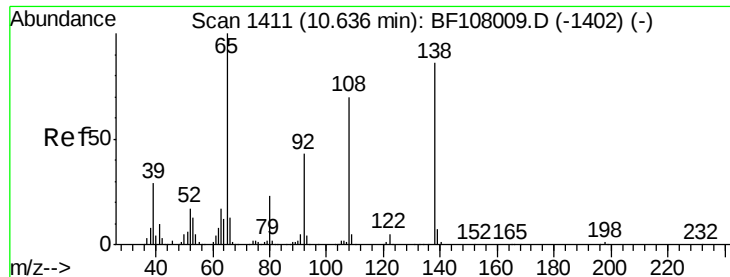
Tgt Ion:149 Resp: 761667
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.177 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:204 Resp: 354107
Ion Ratio Lower Upper
204 100
206 35.1 26.5 39.7
141 57.1 54.6 81.8

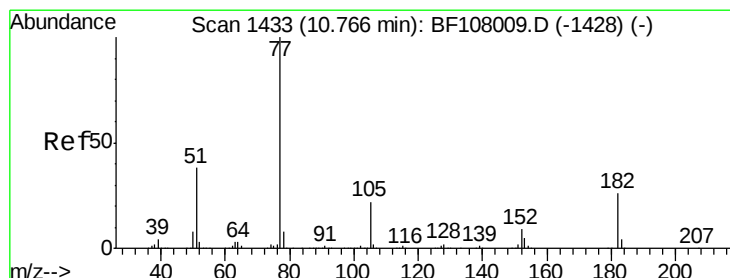
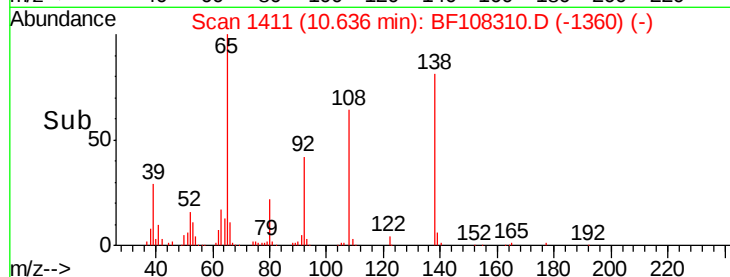
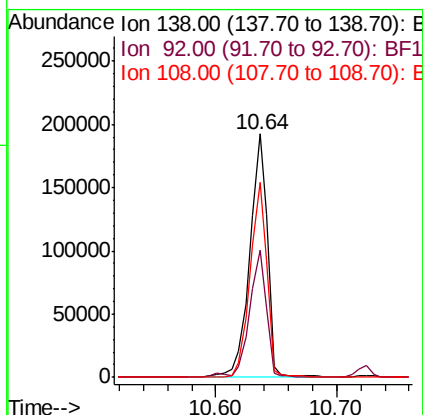
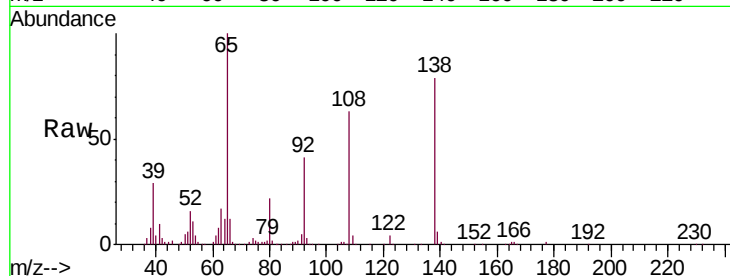




#61
4-Nitroaniline
Concen: 49.121 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

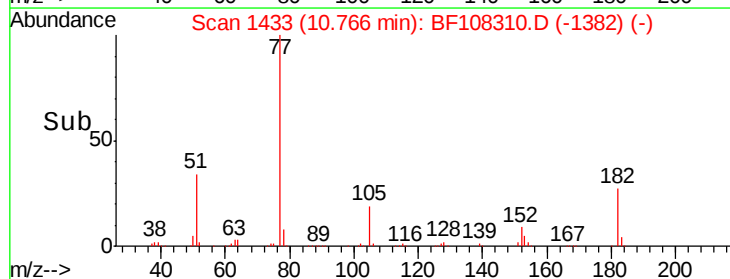
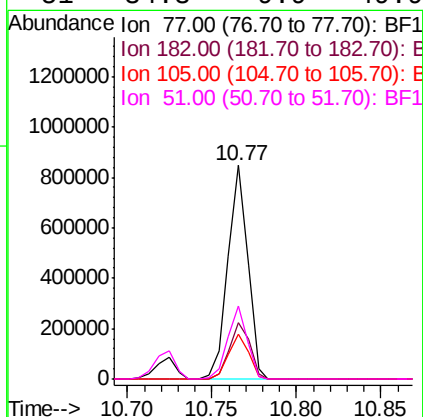
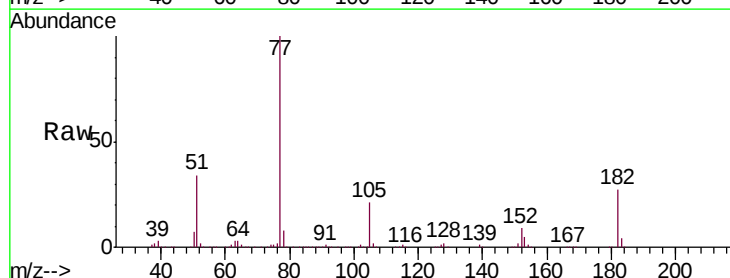
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

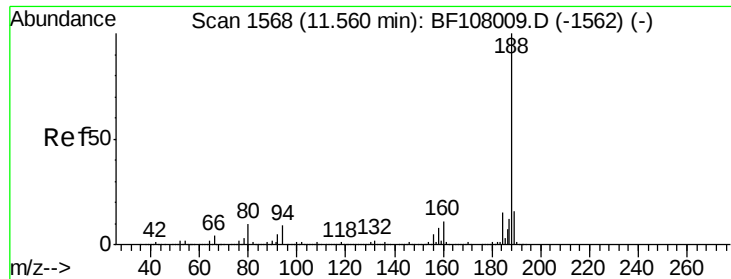
Tgt Ion: 138 Resp: 197489
Ion Ratio Lower Upper
138 100
92 52.0 30.2 70.2
108 79.8 52.5 92.5



#62
Azobenzene
Concen: 38.832 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion: 77 Resp: 689856
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 21.2 3.0 43.0
51 34.3 9.9 49.9

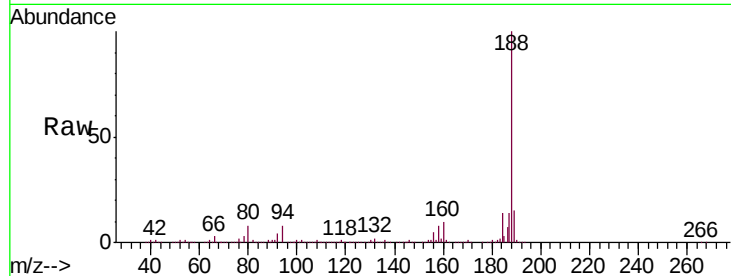




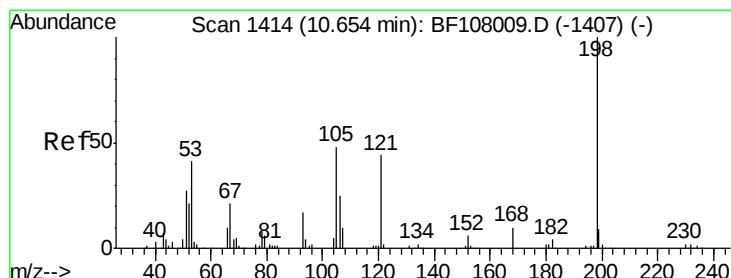
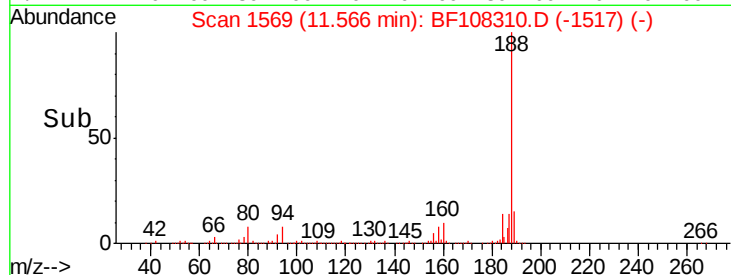
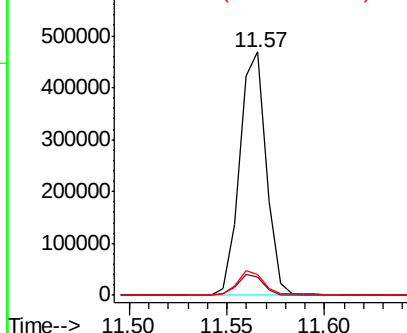
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Tgt Ion:188 Resp: 441775
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.4 9.2 13.8#

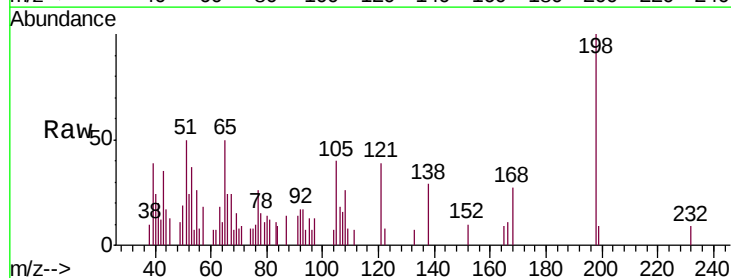


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

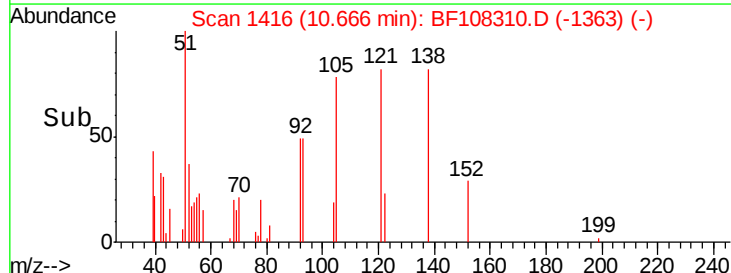
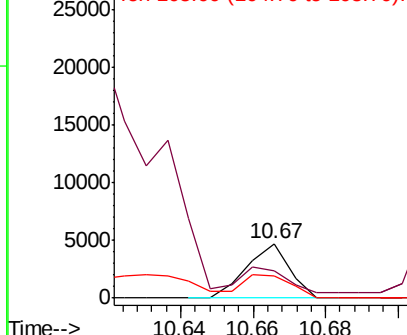


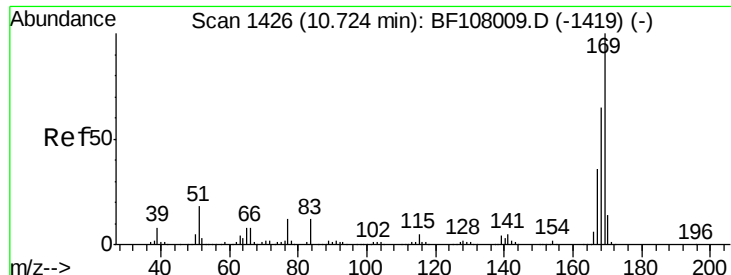
#64
4,6-Dinitro-2-methylphenol
Concen: 7.413 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion:198 Resp: 3835
Ion Ratio Lower Upper
198 100
51 49.6 37.7 77.7
105 40.1 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

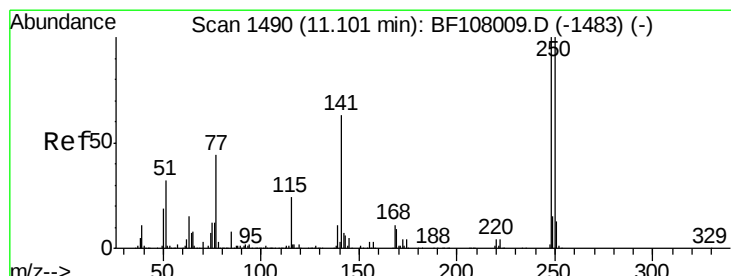
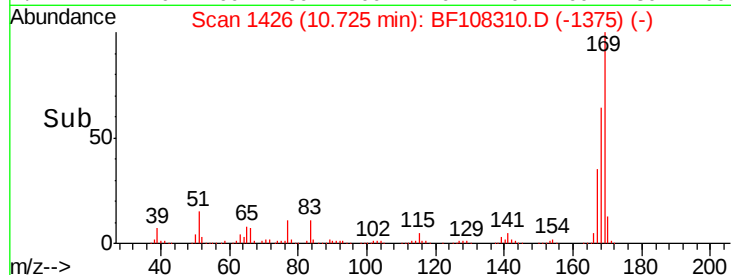
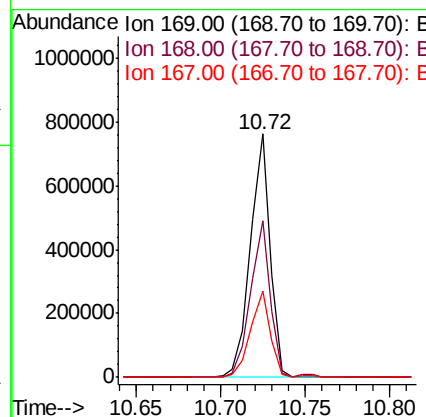
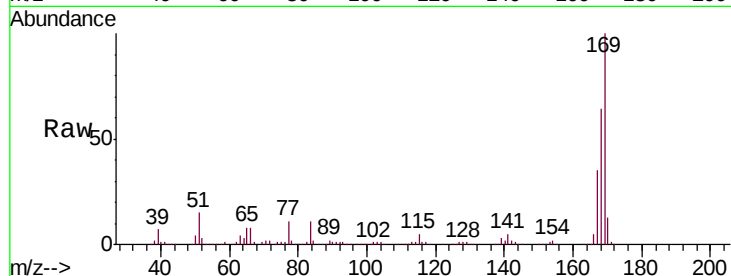




#65
 n-Nitrosodiphenylamine
 Concen: 48.087 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

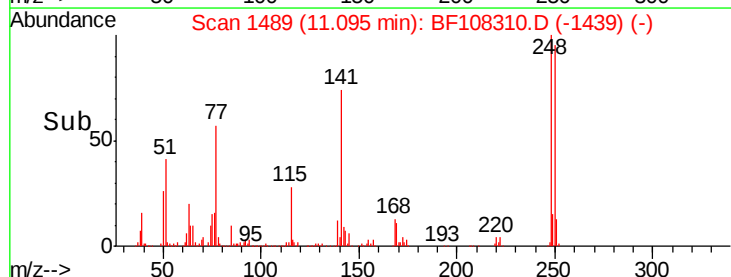
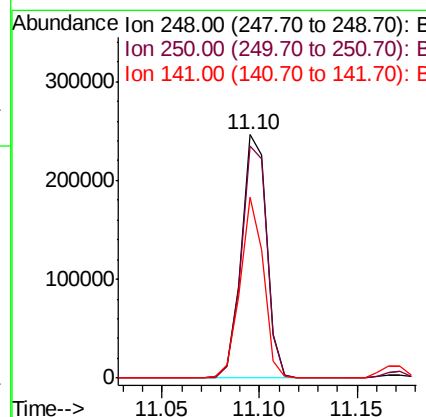
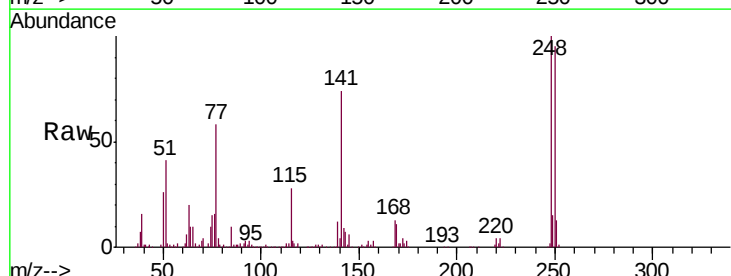
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

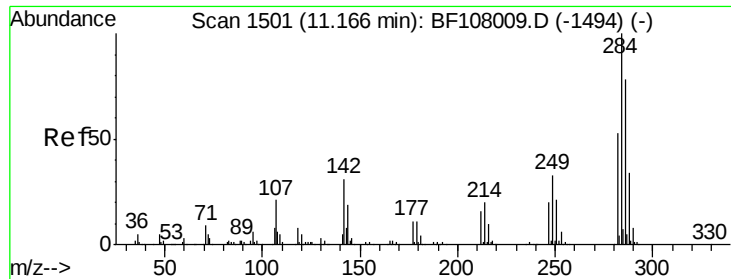
Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.1	54.4	81.6
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.179 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	74.5	74.4	111.6

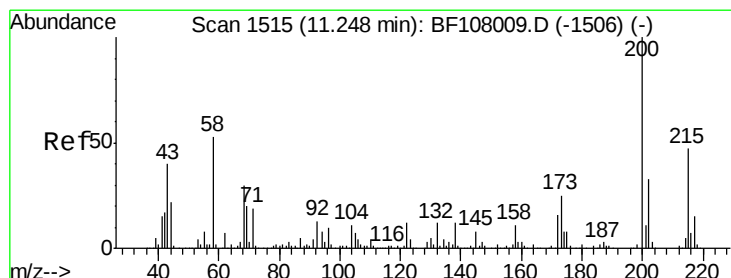
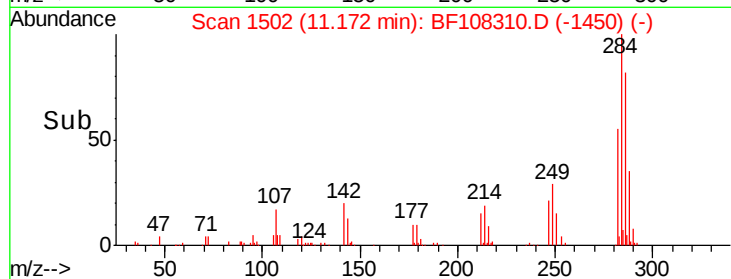
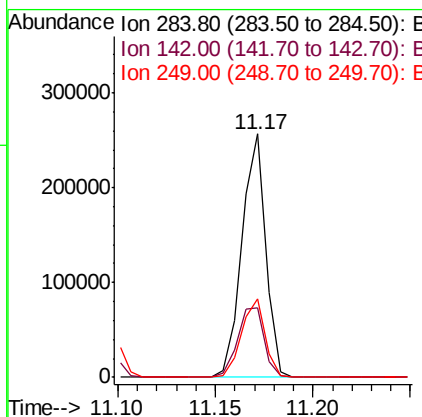
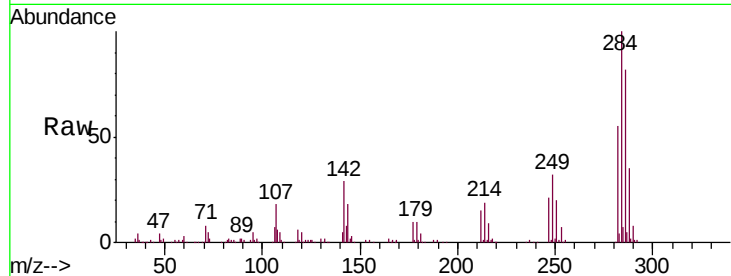




#67
Hexachlorobenzene
Concen: 42.998 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

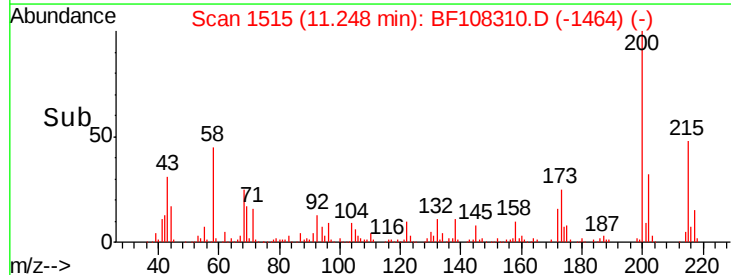
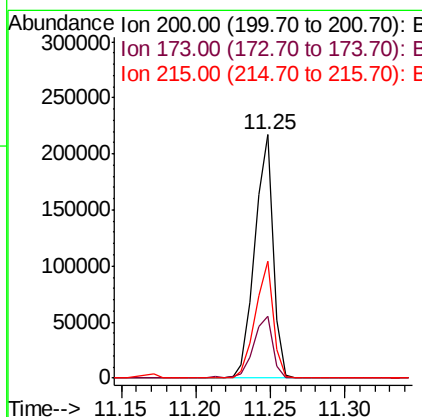
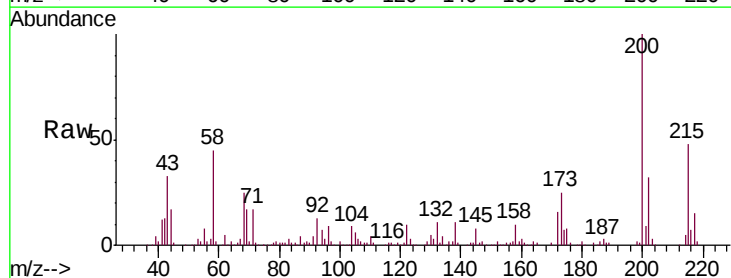
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	34.6	52.0#
249	32.3	24.8	37.2



#68
Atrazine
Concen: 41.797 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	8.6	48.6
215	48.0	25.1	65.1

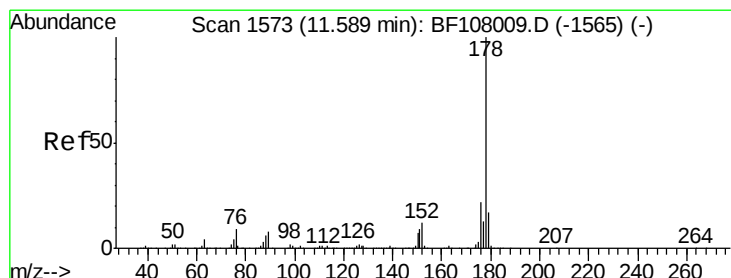
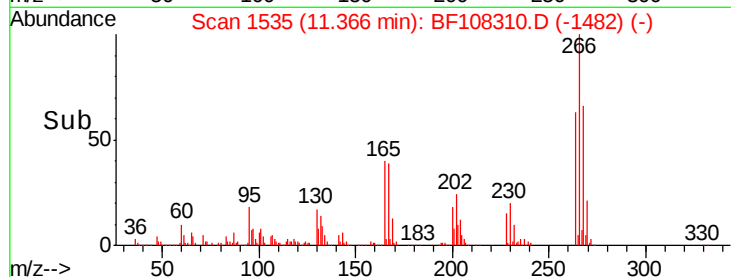
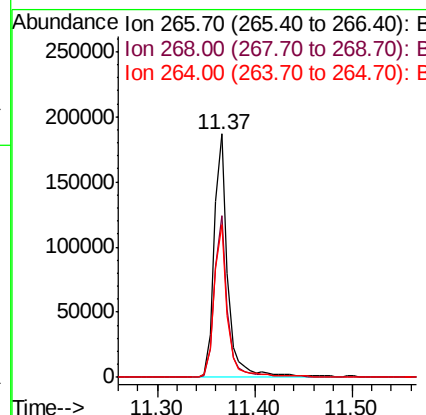
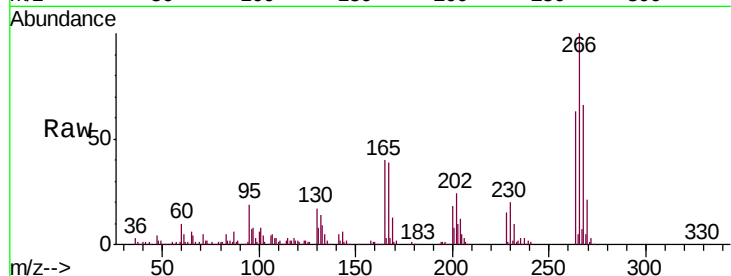




#69
 Pentachlorophenol
 Concen: 74.971 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

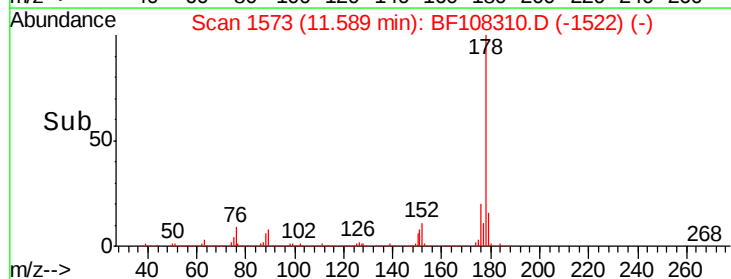
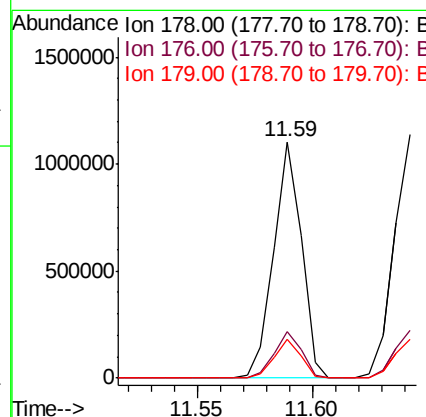
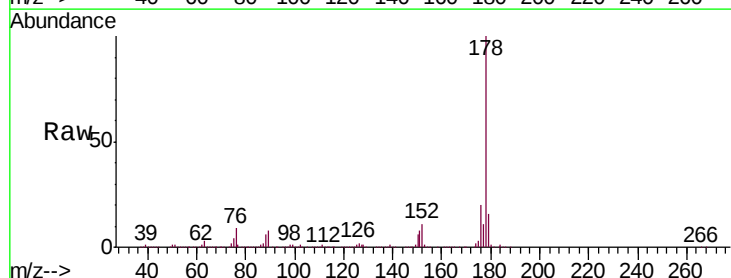
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

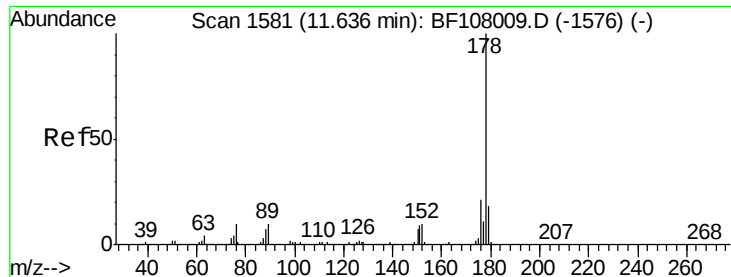
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	62.8	49.5	74.3



#70
 Phenanthrene
 Concen: 44.319 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.2	13.0	19.6

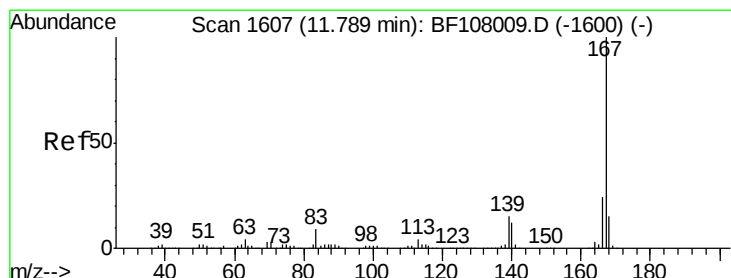
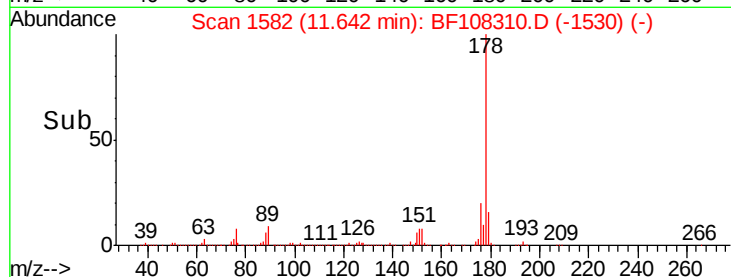
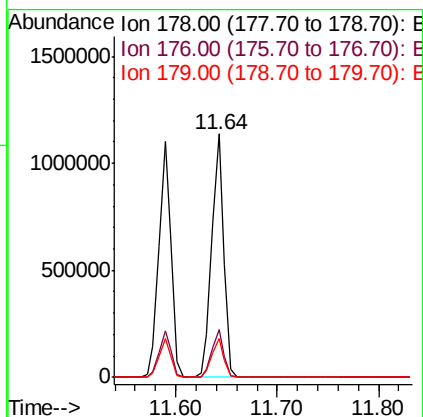
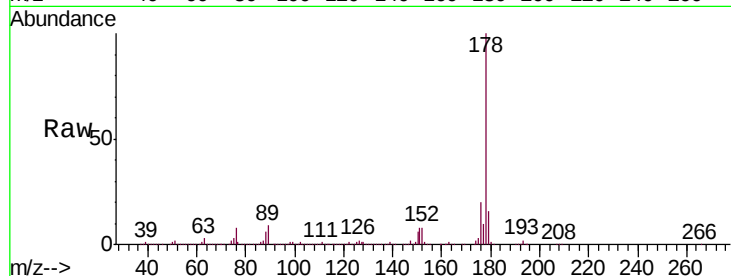




#71
 Anthracene
 Concen: 44.091 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

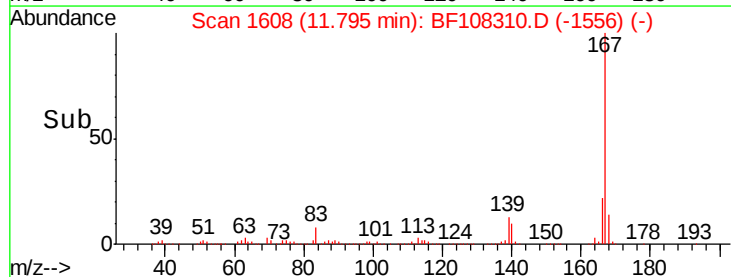
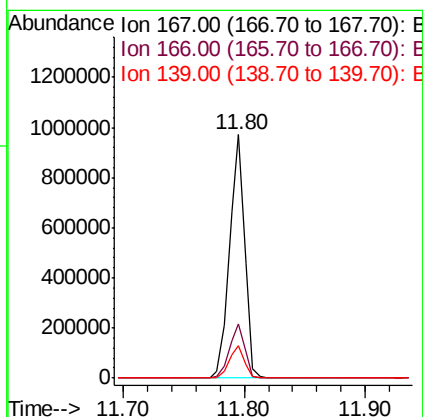
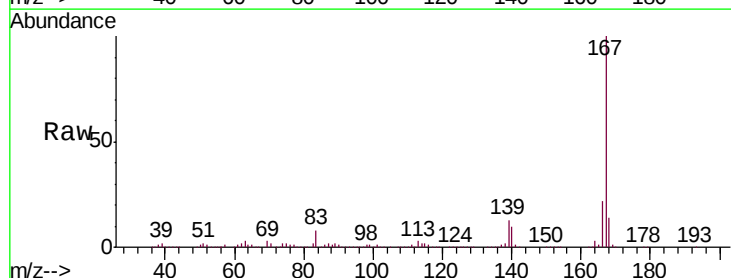
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

Tgt Ion:178 Resp: 941631
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 44.648 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion:167 Resp: 847182
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.133 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

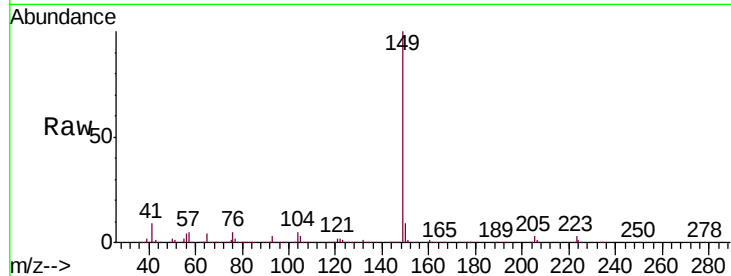
Tgt Ion:149 Resp: 1034475

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

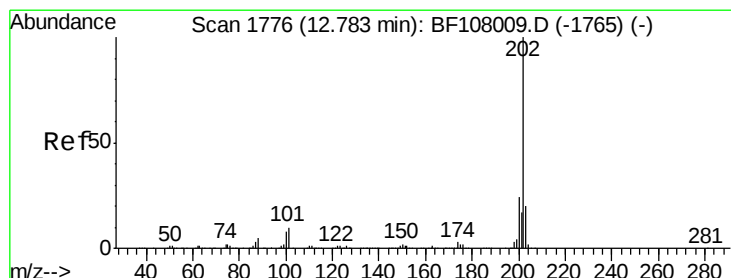
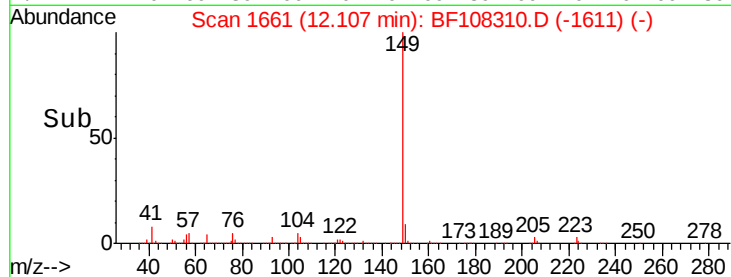
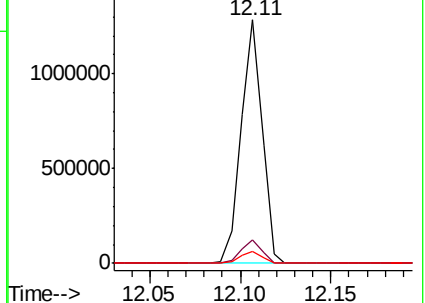
104 5.2 3.8 5.8



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: 41.947 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

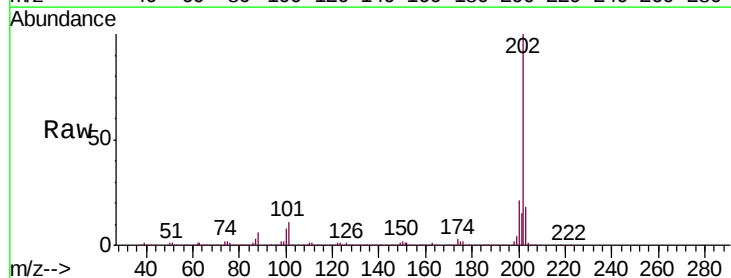
Tgt Ion:202 Resp: 953917

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

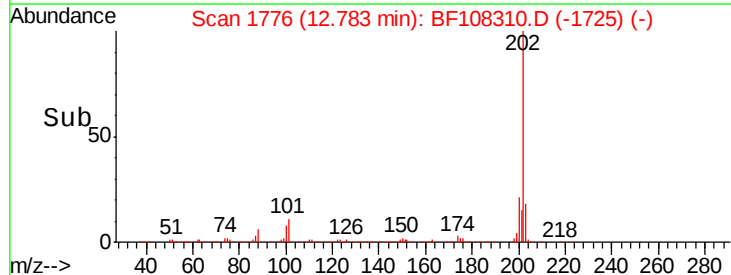
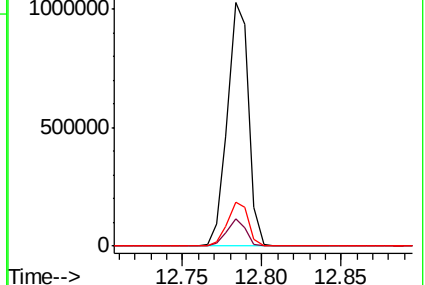
203 18.0 0.0 38.1

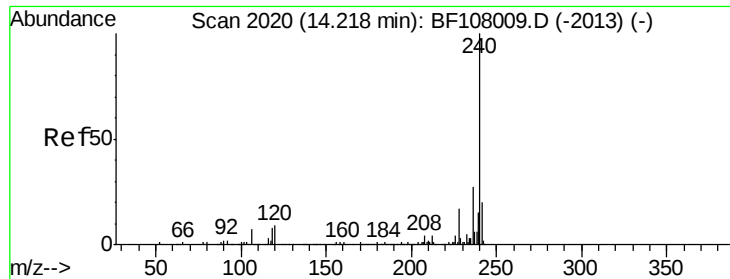


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

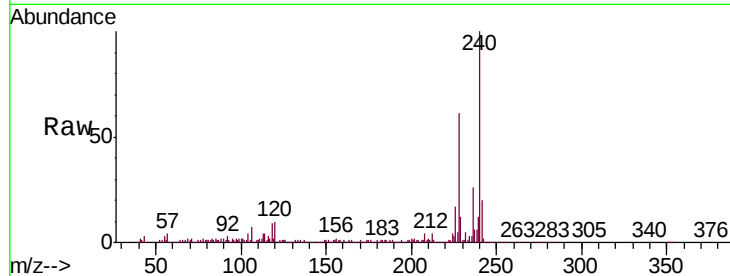
Tgt Ion:240 Resp: 295501

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

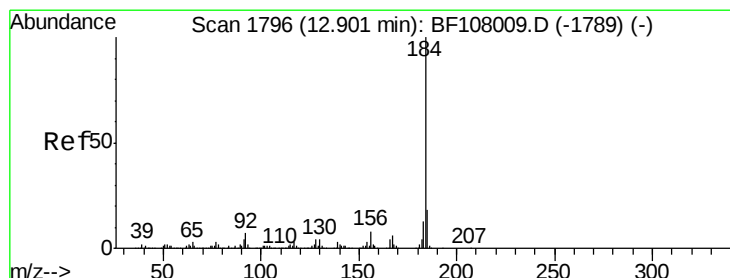
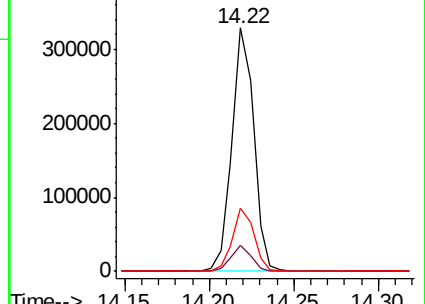
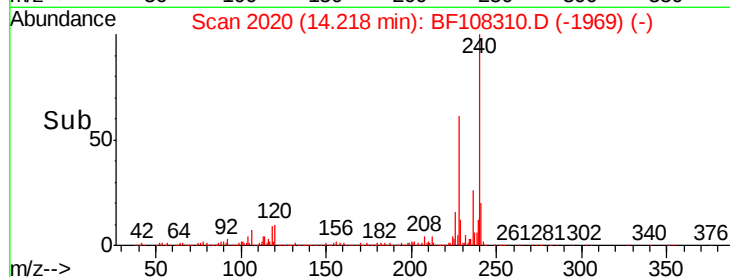
236 26.1 20.7 31.1



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: 62.393 ng

RT: 12.91 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

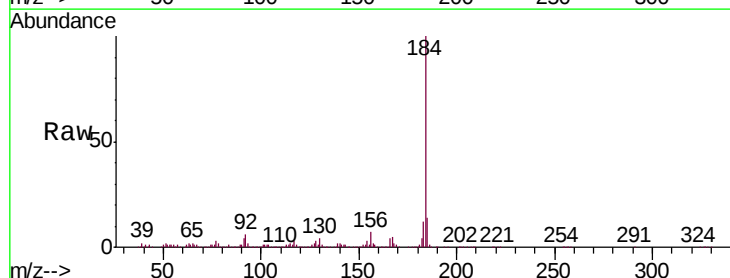
Tgt Ion:184 Resp: 688863

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

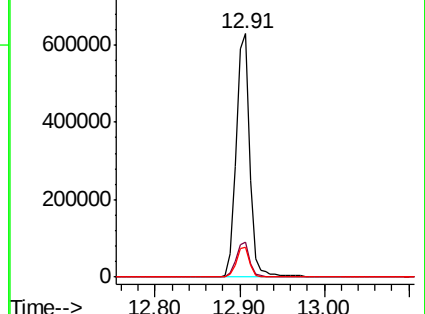
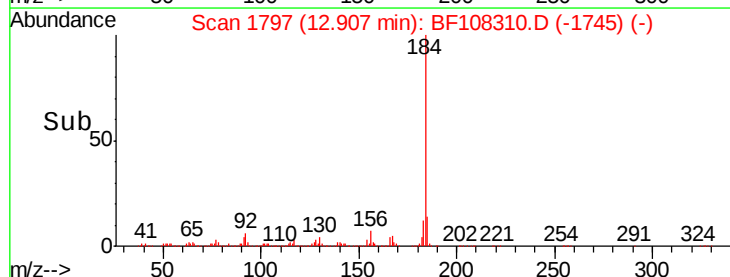
183 12.1 9.3 13.9



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: 49.857 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

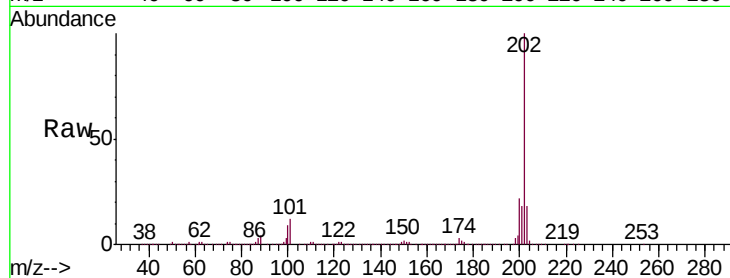
Tgt Ion:202 Resp: 932743

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

203 18.3 14.3 21.5

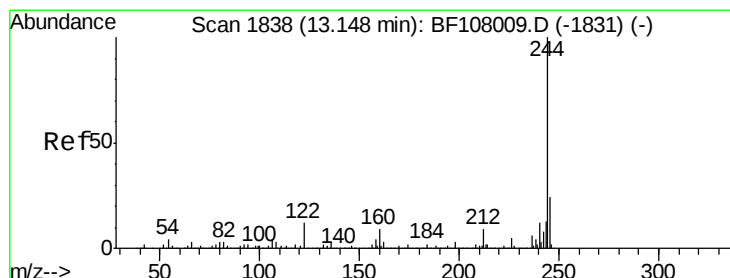
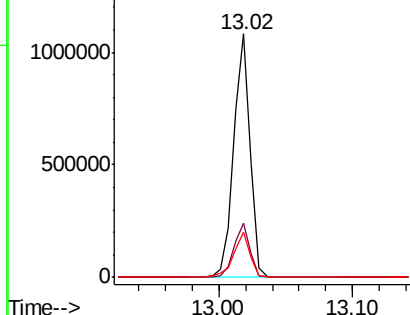
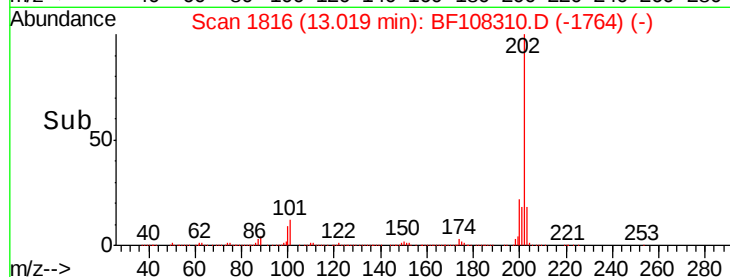


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 122.655 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

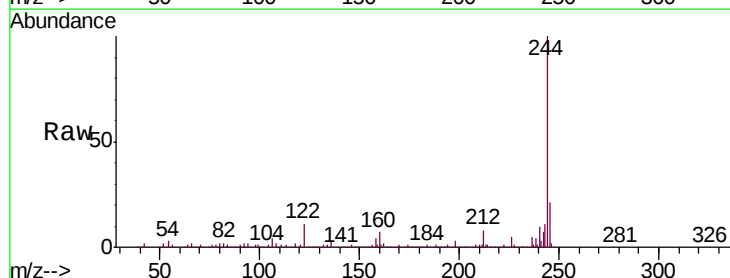
Tgt Ion:244 Resp: 1425514

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

122 10.9 11.0 16.4#

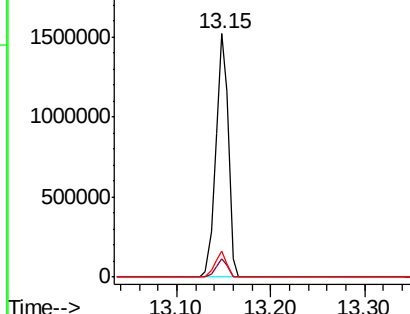
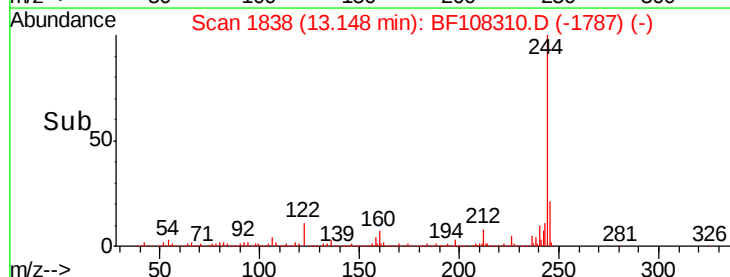


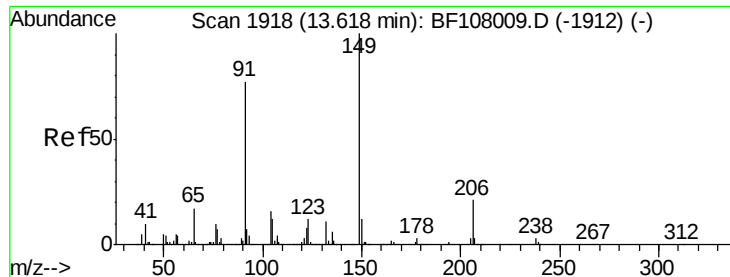
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

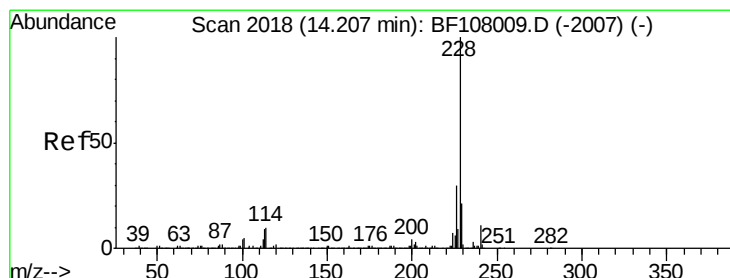
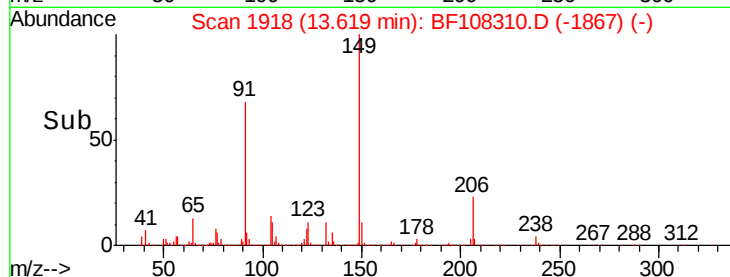
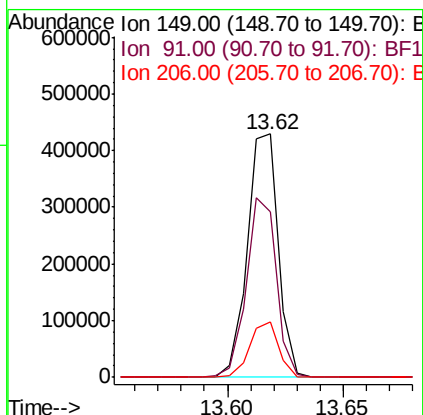
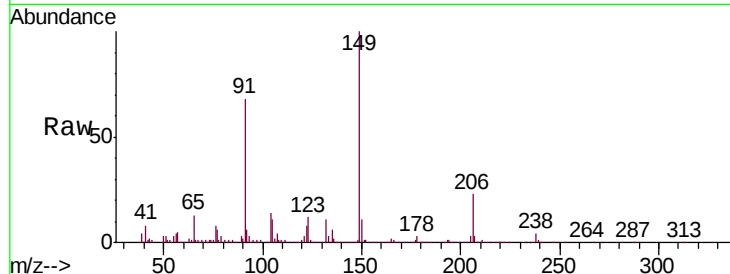




#79
 Butylbenzylphthalate
 Concen: 54.071 ng
 RT: 13.62 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

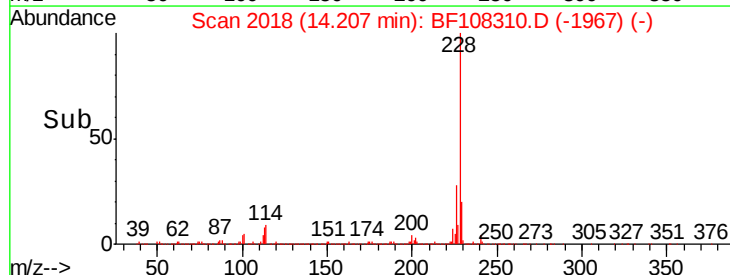
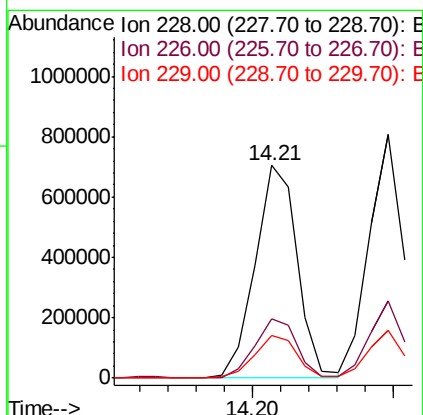
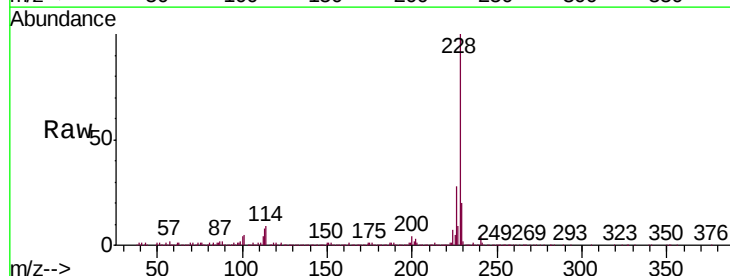
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

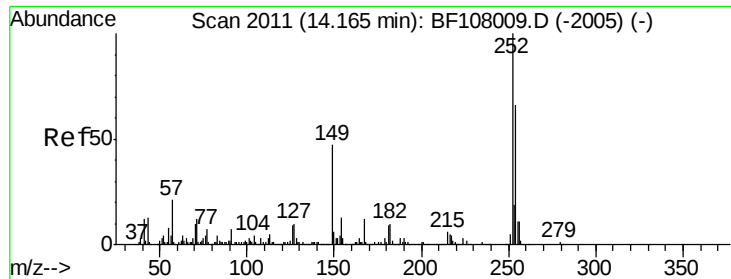
Tgt Ion:	149	Resp:	401683
Ion	Ratio	Lower	Upper
149	100		
91	68.2	56.8	85.2
206	22.7	14.1	21.1#



#80
 Benzo(a)anthracene
 Concen: 43.029 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion:	228	Resp:	729720
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	15.8	23.6

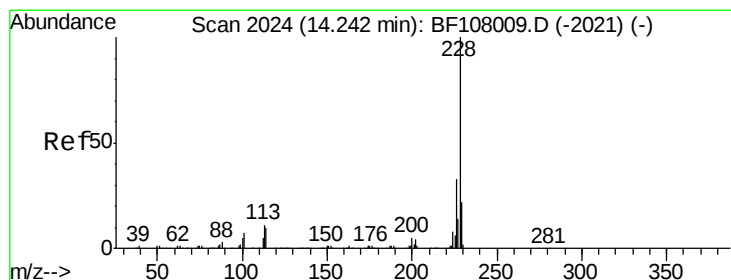
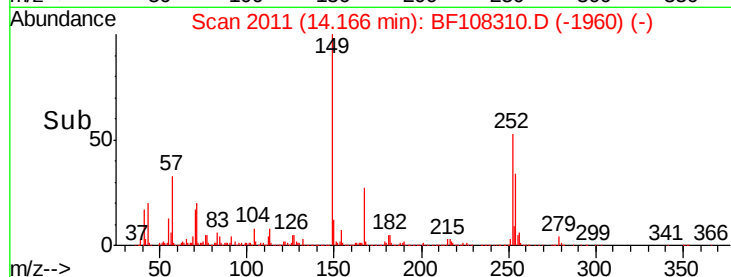
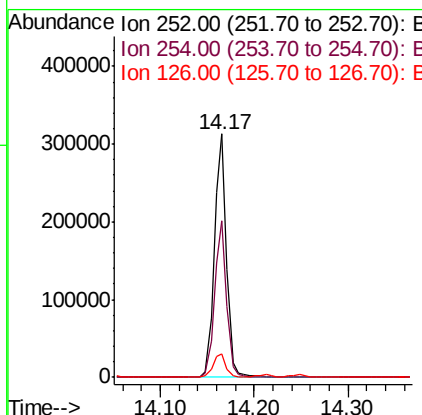
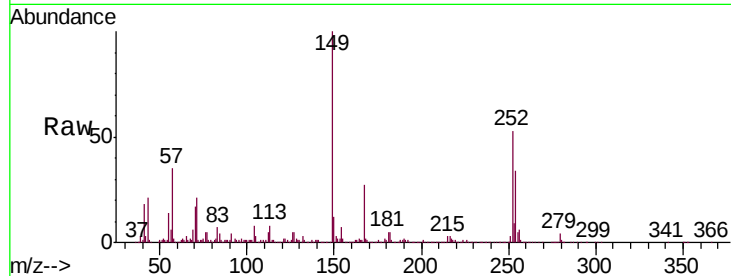




#81
 3,3'-Dichlorobenzidine
 Concen: 47.466 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

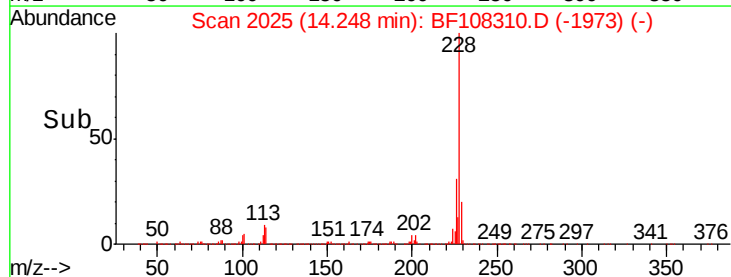
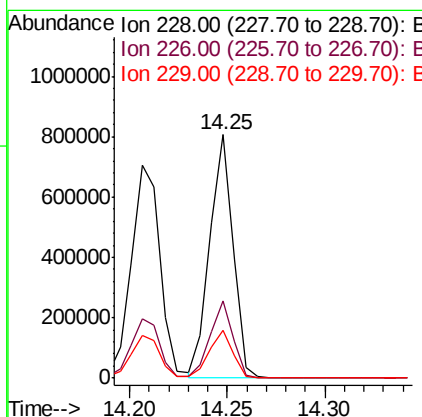
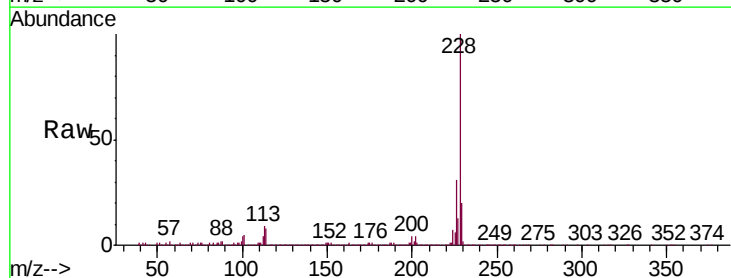
Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

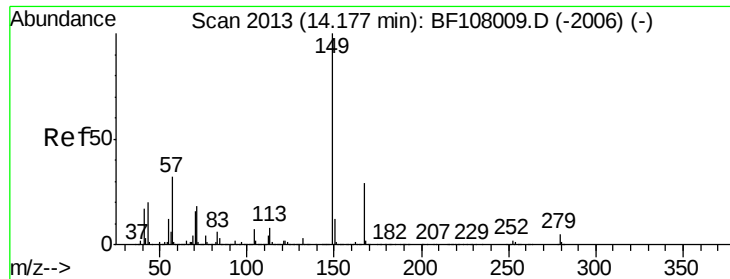
Tgt Ion: 252 Resp: 288476
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 9.5 11.3 16.9#



#82
 Chrysene
 Concen: 42.977 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion: 228 Resp: 668196
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 19.6 16.2 24.4

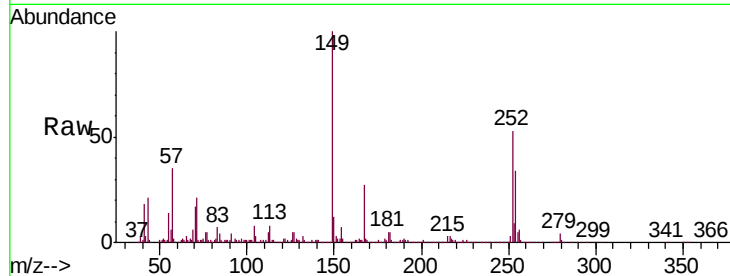




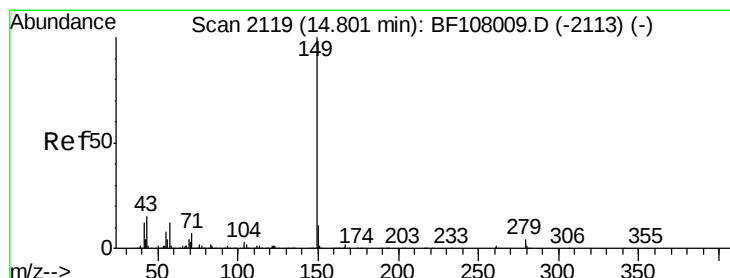
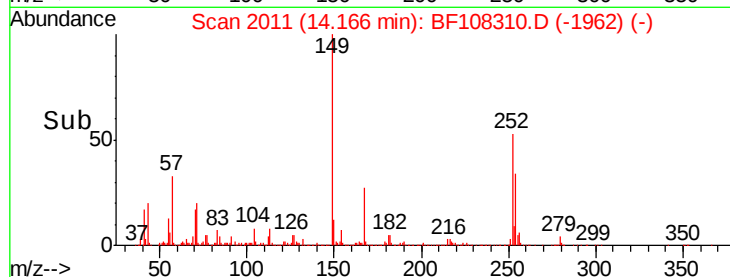
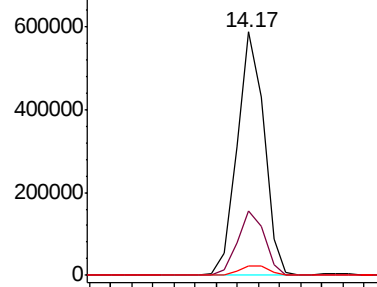
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.689 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-FL-020MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.1	3.0	4.4

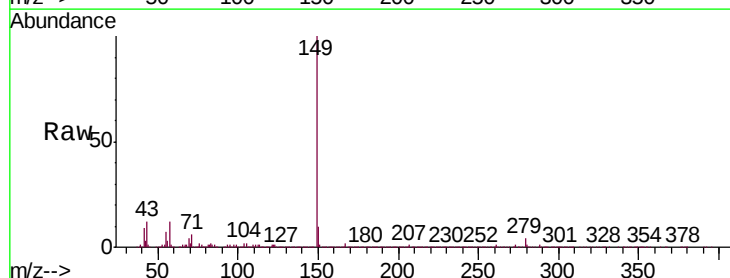


Abundance Ion 149.00 (148.70 to 149.70): E
 800000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

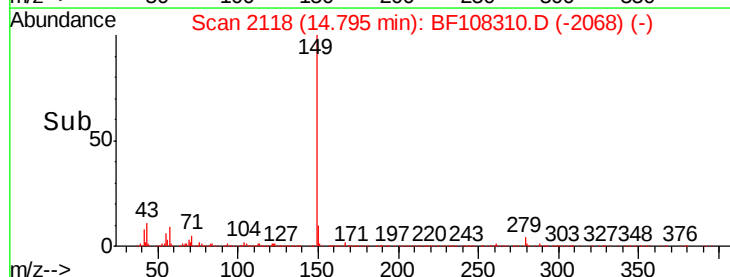
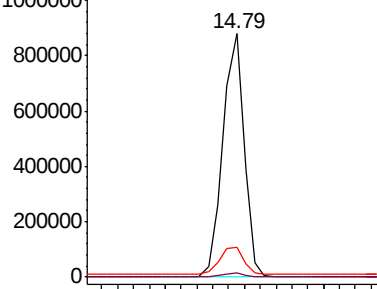


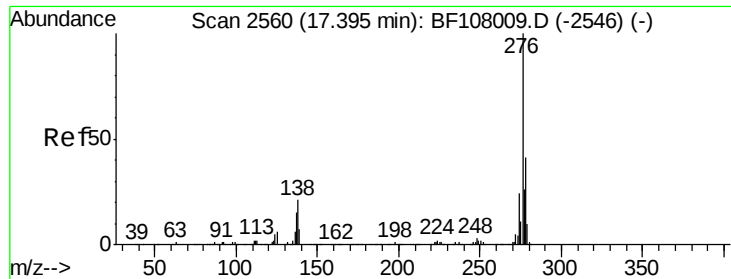
#84
 Di-n-octyl phthalate
 Concen: 53.188 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108310.D
 Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 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: 40.213 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.02 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD

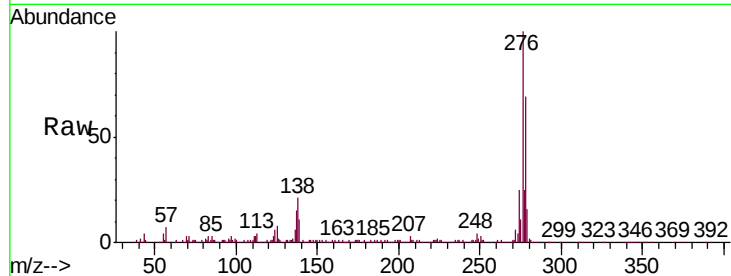
Tgt Ion:276 Resp: 541722

Ion Ratio Lower Upper

276 100

138 21.4 25.0 37.6#

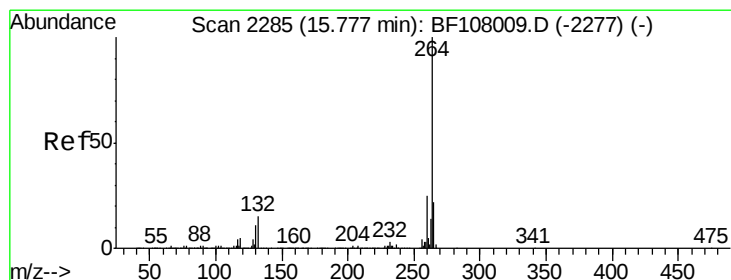
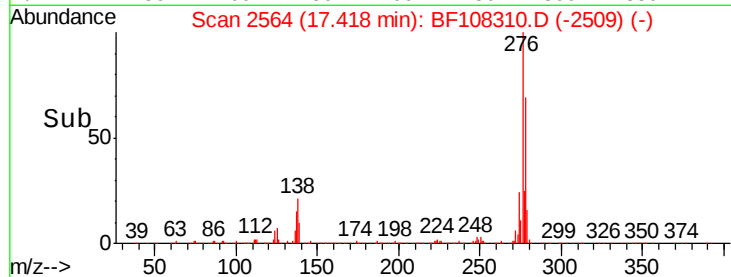
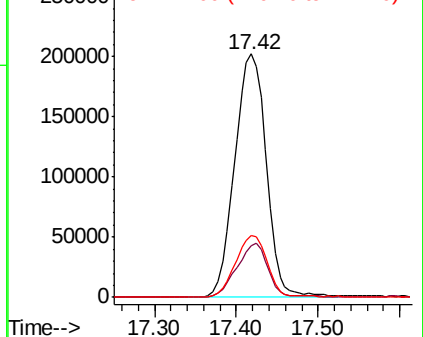
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

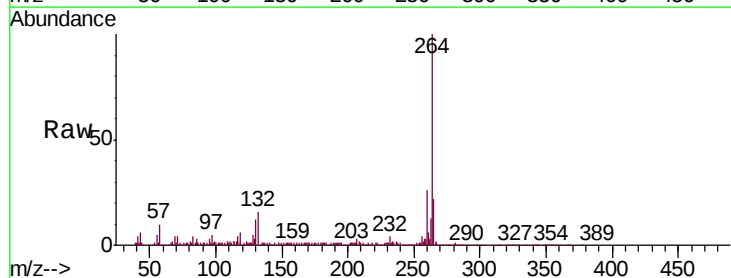
Tgt Ion:264 Resp: 228852

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

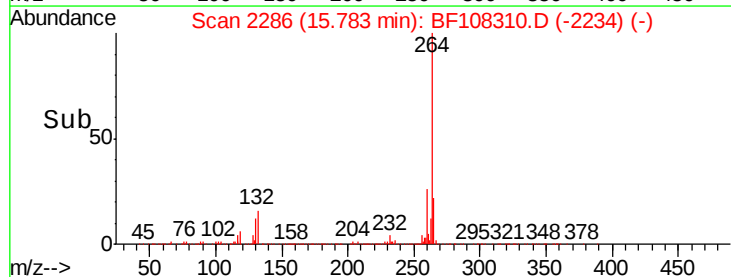
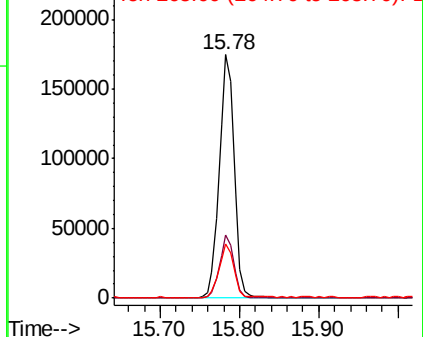
265 22.4 17.5 26.3

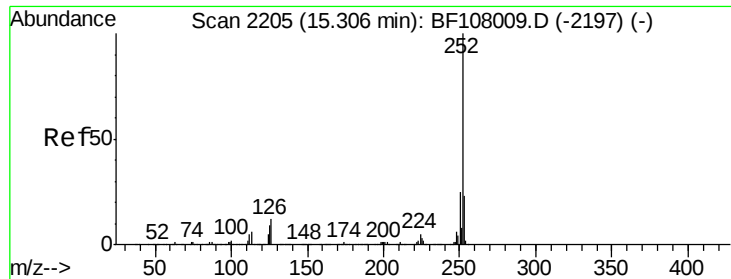


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.976 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108310.D

Acq: 21 Aug 2018 00:22

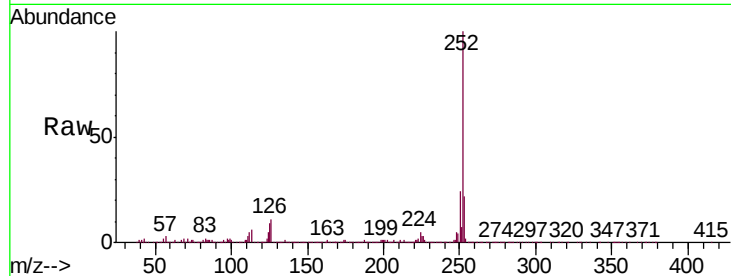
Instrument :

BNA_F

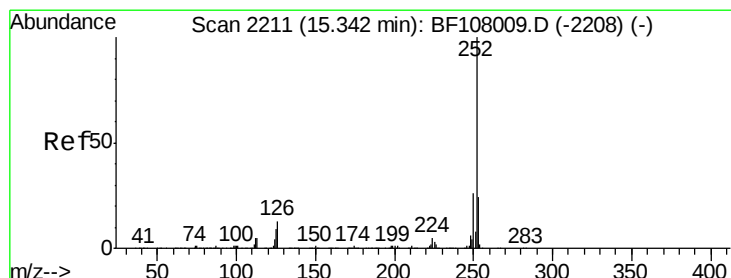
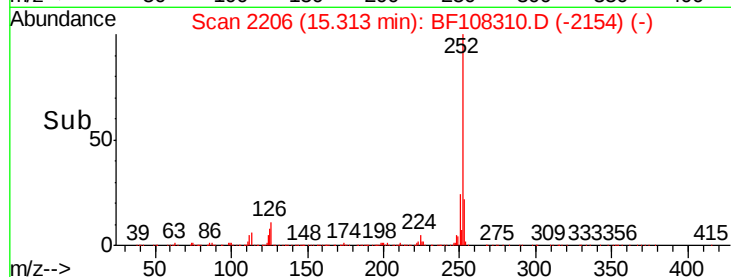
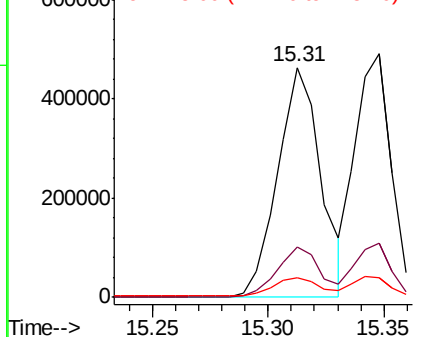
ClientSampleId :

RA-081318-FL-020MSD

Tgt Ion:	252	Resp:	601371
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.7	9.0	13.6#



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



#88

Benzo(k)fluoranthene

Concen: 42.299 ng

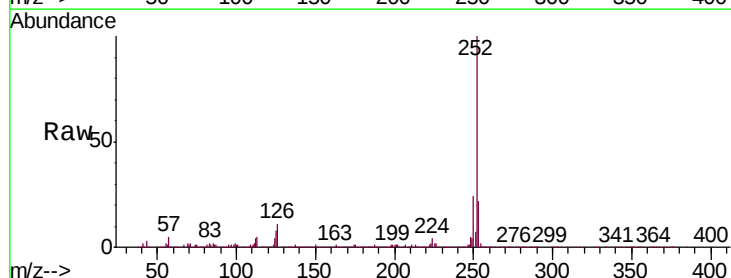
RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

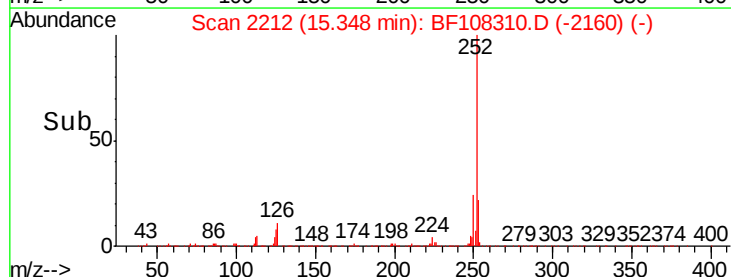
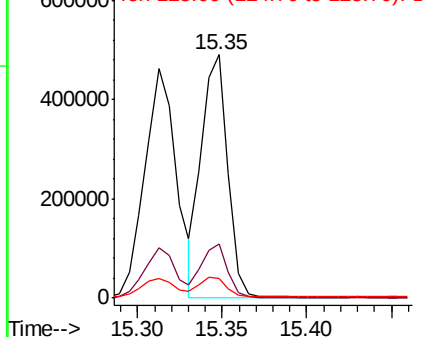
Lab File: BF108310.D

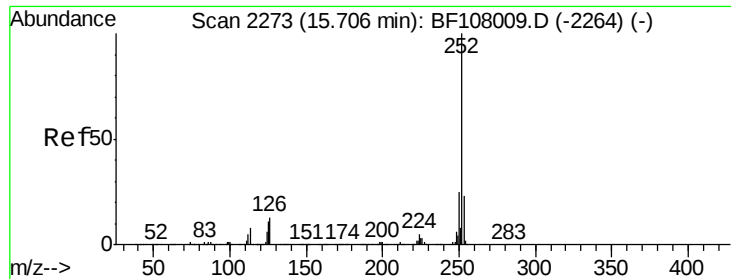
Acq: 21 Aug 2018 00:22

Tgt Ion:	252	Resp:	531721
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.3	10.2	15.2#



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

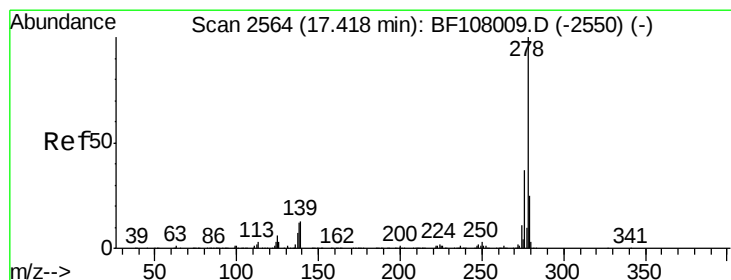
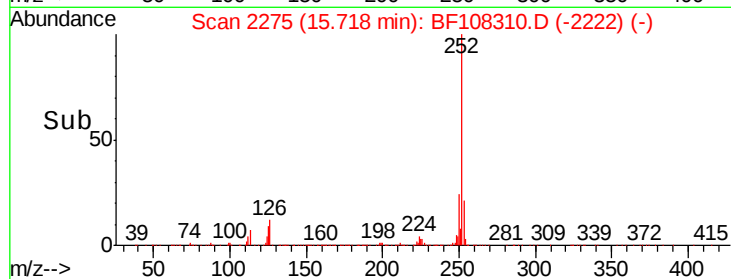
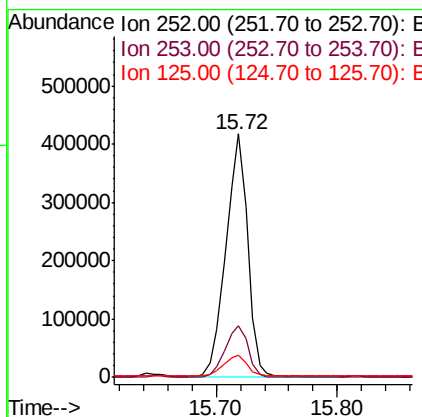
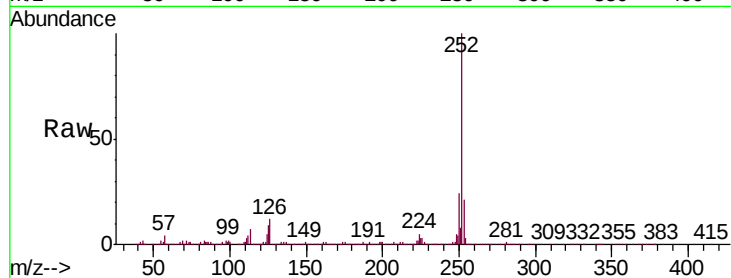




#89
Benzo(a)pyrene
Concen: 42.708 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

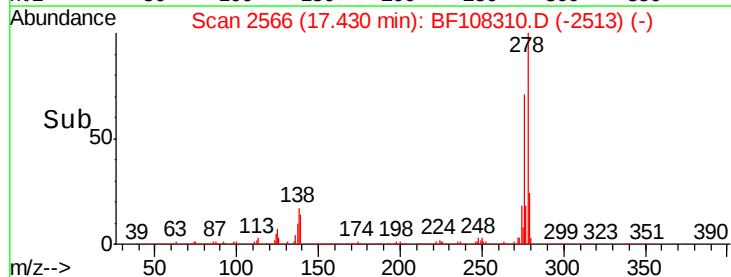
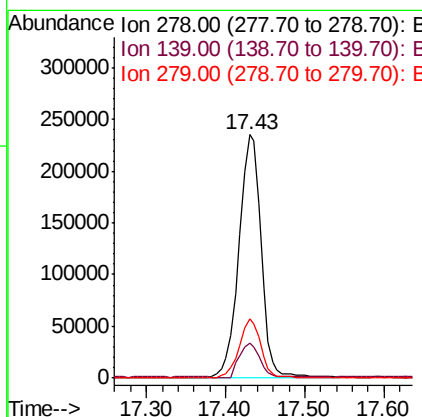
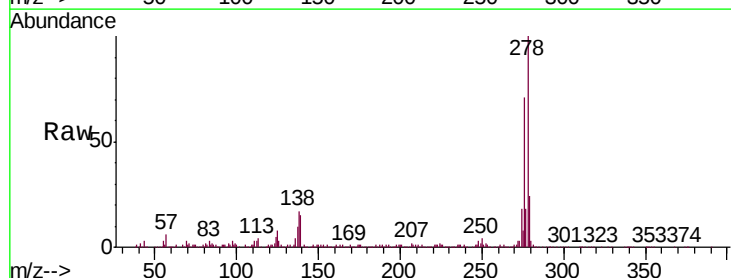
Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MSD

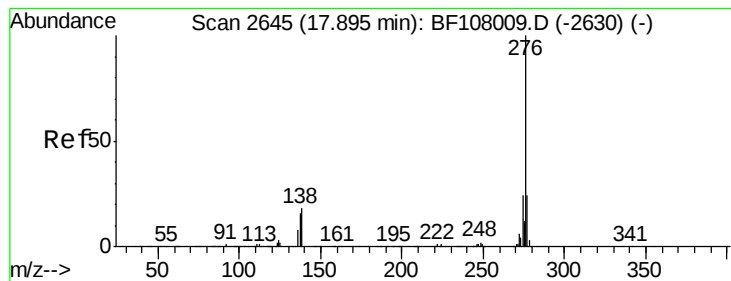
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	9.3	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.093 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108310.D
Acq: 21 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 45.043 ng

RT: 17.92 min Scan# 2649

Delta R.T. 0.02 min

Lab File: BF108310.D

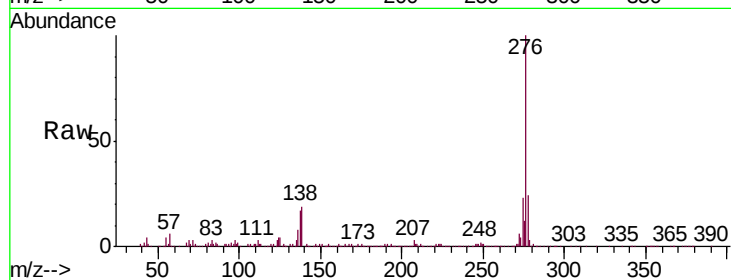
Acq: 21 Aug 2018 00:22

Instrument :

BNA_F

ClientSampleId :

RA-081318-FL-020MSD



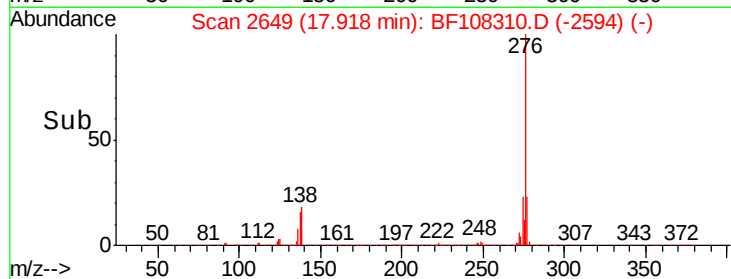
Tgt Ion: 276 Resp: 449385

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 18.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

