

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108542.D
 Acq On : 28 Aug 2018 6:25
 Operator : JU/SJ
 Sample : PB112391BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:59:42 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111251	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	394294	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	169333	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	276954	20.00	ng	0.00
75) Chrysene-d12	14.19	240	257395	20.00	ng	0.00
86) Perylene-d12	15.74	264	187788	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	567821	92.40	ng	0.00
7) Phenol-d6	6.62	99	755541	92.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	724320	102.51	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	155020	91.78	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1275542	120.94	ng	0.00
78) Terphenyl-d14	13.12	244	1021118	100.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	118558	37.548	ng	91
3) Pyridine	3.72	79	336325	41.350	ng	86
4) n-Nitrosodimethylamine	3.69	42	190026	41.520	ng	# 80
6) Aniline	6.67	93	234674	21.128	ng	98
8) 2-Chlorophenol	6.79	128	326588	47.189	ng	99
9) Benzaldehyde	6.55	77	180420	28.498	ng	97
10) Phenol	6.64	94	406512	48.127	ng	95
11) bis(2-Chloroethyl)ether	6.73	93	318166	46.593	ng	92
12) 1,3-Dichlorobenzene	6.94	146	375499	46.924	ng	99
13) 1,4-Dichlorobenzene	7.02	146	378892	47.125	ng	98
14) 1,2-Dichlorobenzene	7.17	146	348342	46.579	ng	98
15) Benzyl Alcohol	7.14	79	301267	43.825	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	613193	43.589	ng	99
17) 2-Methylphenol	7.25	107	273914	46.152	ng	94
18) Hexachloroethane	7.51	117	117040	40.889	ng	# 88
19) n-Nitroso-di-n-propylamine	7.41	70	245047	44.377	ng	89
20) 3+4-Methylphenols	7.40	107	337095	44.322	ng	# 88
22) Acetophenone	7.41	105	468816	50.850	ng	# 91
24) Nitrobenzene	7.58	77	358874	50.225	ng	95
25) Isophorone	7.82	82	655563	48.675	ng	97
26) 2-Nitrophenol	7.90	139	141466	52.426	ng	95
27) 2,4-Dimethylphenol	7.92	122	294004	49.185	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	398568	50.693	ng	99
29) 2,4-Dichlorophenol	8.14	162	273691	49.754	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	302572	49.889	ng	96
31) Naphthalene	8.31	128	910667	50.785	ng	100
32) Benzoic acid	8.04	122	127883	38.253	ng	85
33) 4-Chloroaniline	8.35	127	59691	7.638	ng	97
34) Hexachlorobutadiene	8.41	225	201960	52.601	ng	99
35) Caprolactam	8.72	113	75433	43.758	ng	# 77
36) 4-Chloro-3-methylphenol	8.84	107	272614	45.939	ng	98
37) 2-Methylnaphthalene	9.00	142	607962	47.921	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	302699	58.211	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	65211	19.415	ng	99

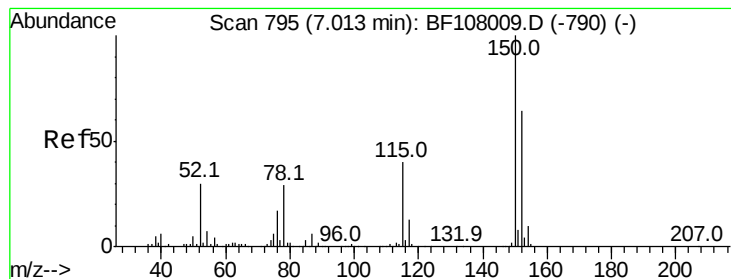
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108542.D
 Acq On : 28 Aug 2018 6:25
 Operator : JU/SJ
 Sample : PB112391BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:59:42 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	180902	56.061	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	180902	50.926	nq	97
45) 1,1'-Biphenyl	9.46	154	718783	57.572	nq	99
46) 2-Chloronaphthalene	9.49	162	544995	55.231	nq	98
47) 2-Nitroaniline	9.58	65	171081	53.584	nq	87
48) Acenaphthylene	9.91	152	818998	52.500	nq	100
49) Dimethylphthalate	9.75	163	664249	56.314	nq	99
50) 2,6-Dinitrotoluene	9.82	165	129036	52.287	nq	91
51) Acenaphthene	10.08	154	479180	50.150	nq	98
52) 3-Nitroaniline	10.00	138	71481	26.473	nq	94
53) 2,4-Dinitrophenol	10.11	184	23279	30.014	nq	# 20
54) Dibenzofuran	10.25	168	690763	49.900	nq	98
55) 4-Nitrophenol	10.16	139	157089	76.828	nq	94
56) 2,4-Dinitrotoluene	10.23	165	159768	50.296	nq	# 97
57) Fluorene	10.60	166	533649	48.698	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	135196	45.535	nq	# 87
59) Diethylphthalate	10.45	149	613533	53.715	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	290575	50.888	nq	90
61) 4-Nitroaniline	10.61	138	101258	37.931	nq	90
62) Azobenzene	10.74	77	556808	47.204	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	20962	23.268	nq	83
65) n-Nitrosodiphenylamine	10.70	169	484815	59.238	nq	95
66) 4-Bromophenyl-phenylether	11.08	248	173153	57.531	nq	# 83
67) Hexachlorobenzene	11.15	284	169491	53.522	nq	# 85
68) Atrazine	11.22	200	155708	56.723	nq	96
69) Pentachlorophenol	11.34	266	150070	99.008	nq	98
70) Phenanthrene	11.57	178	704472	53.929	nq	99
71) Anthracene	11.62	178	710682	53.081	nq	100
72) Carbazole	11.77	167	620189	52.137	nq	99
73) Di-n-butylphthalate	12.08	149	814343	60.439	nq	99
74) Fluoranthene	12.76	202	771972	54.148	nq	94
76) Benzidine	12.88	184	414024	43.052	nq	99
77) Pyrene	13.00	202	784569	48.146	nq	99
79) Butylbenzylphthalate	13.59	149	339927	52.533	nq	96
80) Benzo(a)anthracene	14.18	228	766811	51.910	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	249602	47.150	nq	# 96
82) Chrysene	14.22	228	706142	52.142	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	467378	53.337	nq	99
84) Di-n-octyl phthalate	14.77	149	831557	62.224	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	494810	42.168	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	609584	54.325	nq	# 96
88) Benzo(k)fluoranthene	15.31	252	576631	55.903	nq	# 96
89) Benzo(a)pyrene	15.68	252	524600	52.208	nq	# 97
90) Dibenzo(a,h)anthracene	17.37	278	421053	50.644	nq	# 94
91) Benzo(g,h,i)perylene	17.85	276	400032	48.864	nq	# 90

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

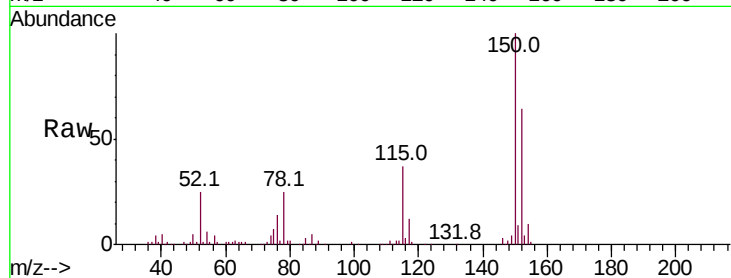


#1

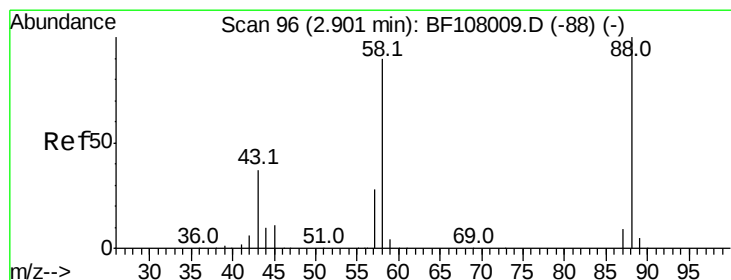
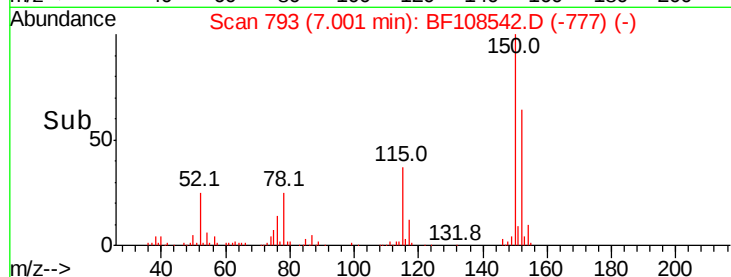
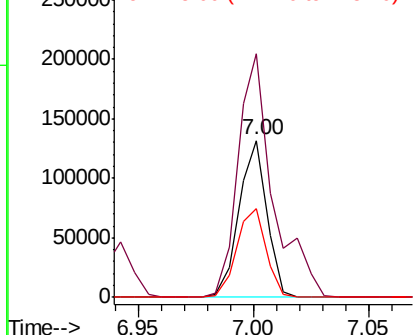
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111251
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 56.8 50.1 75.1



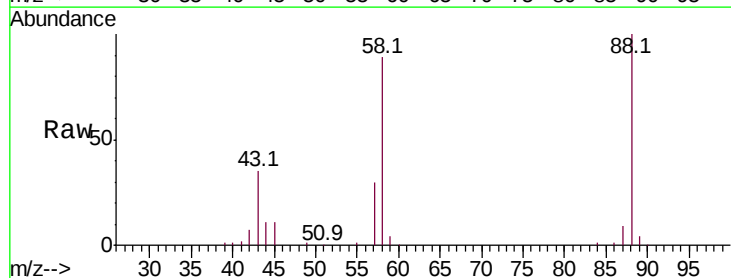
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



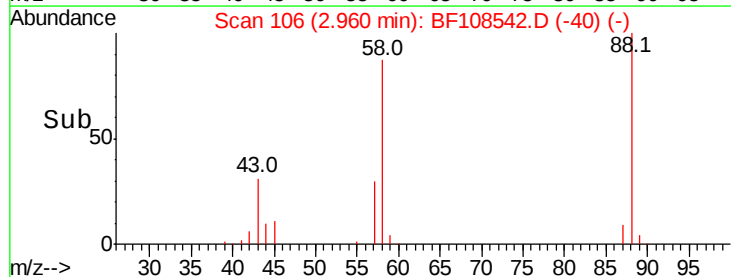
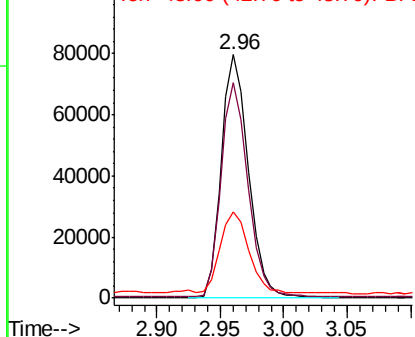
#2

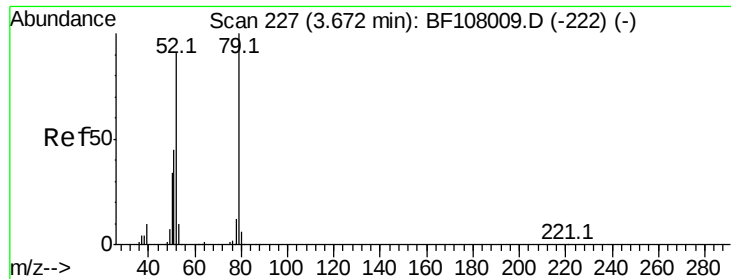
1,4-Dioxane
Concen: 37.548 ng
RT: 2.96 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion: 88 Resp: 118558
Ion Ratio Lower Upper
88 100
58 87.1 62.6 93.8
43 34.8 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

Pvridine

Concen: 41.350 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampled :

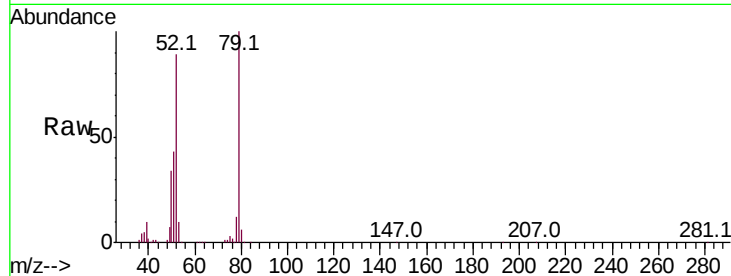
Tot Ion: 79 Resp: 336325

Ion Ratio Lower Upper

79 100

52 88.5 59.8 89.6

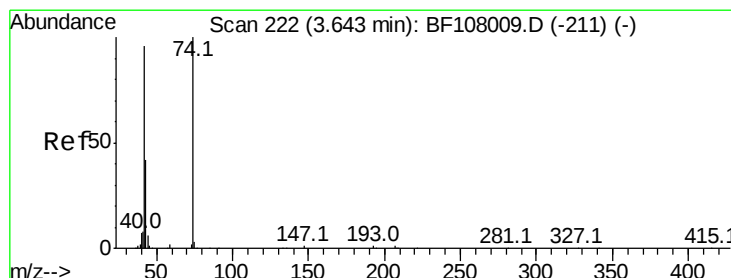
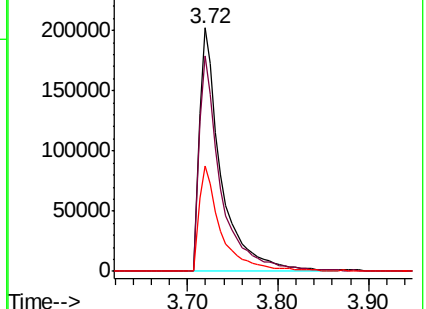
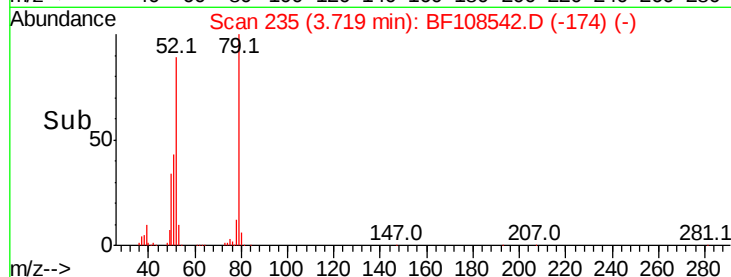
51 43.3 29.8 44.8



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: 41.520 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

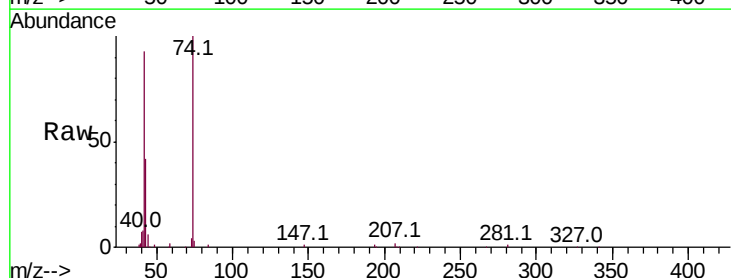
Tgt Ion: 42 Resp: 190026

Ion Ratio Lower Upper

42 100

74 107.1 104.9 157.3

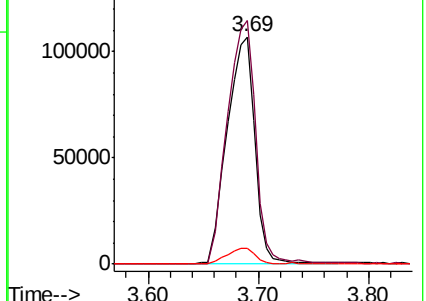
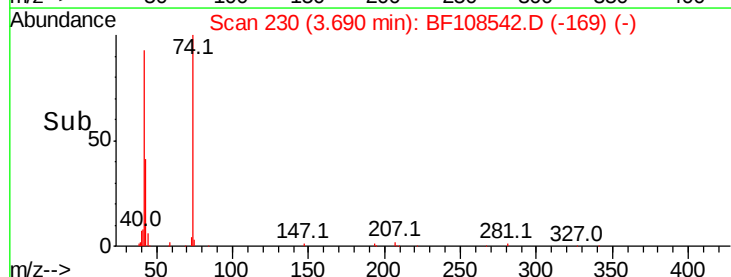
44 6.7 6.9 10.3#

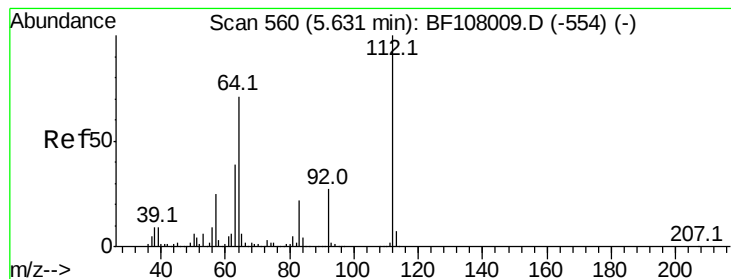


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.405 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

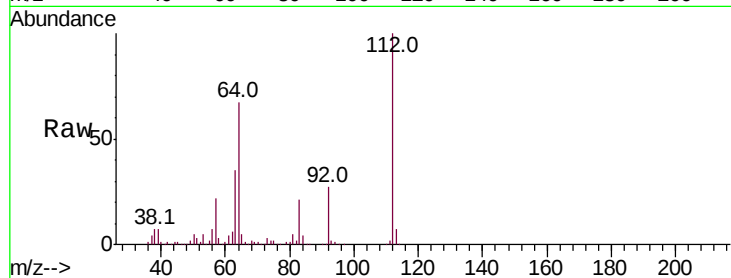
Tot Ion:112 Resp: 567821

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

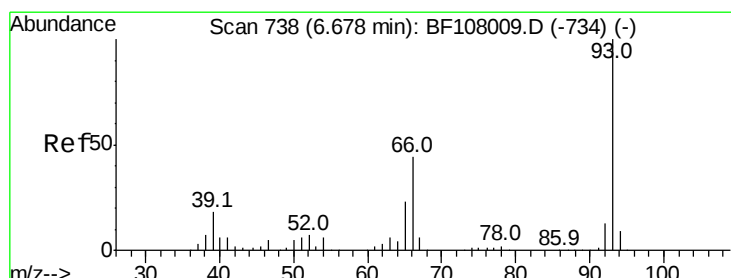
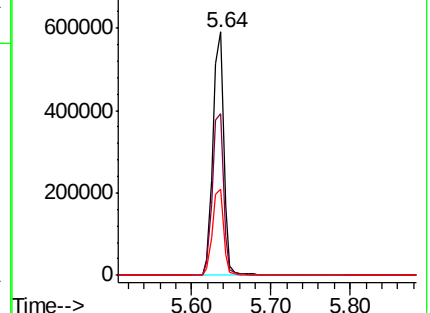
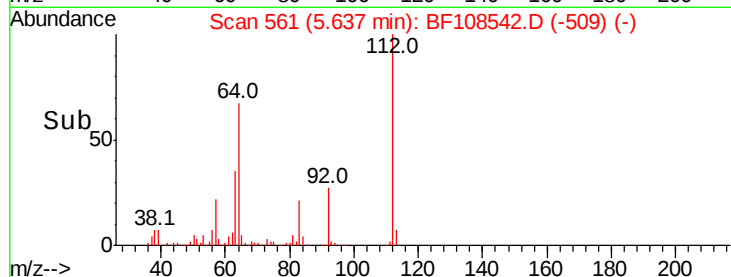
63 35.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.128 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

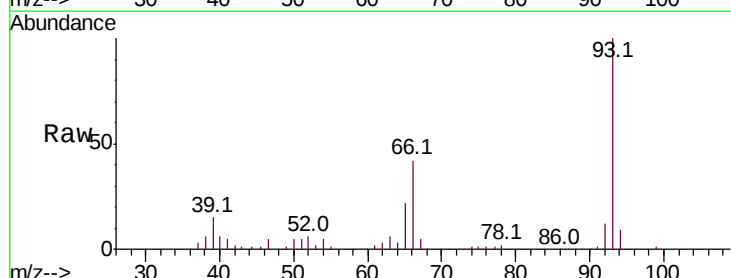
Tgt Ion: 93 Resp: 234674

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

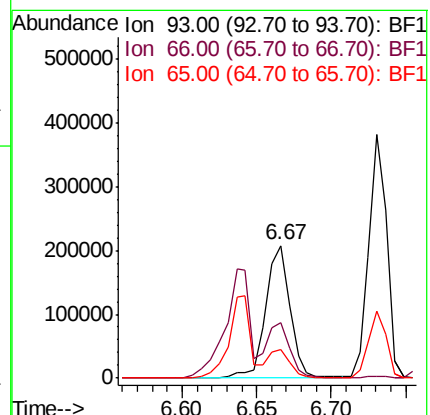
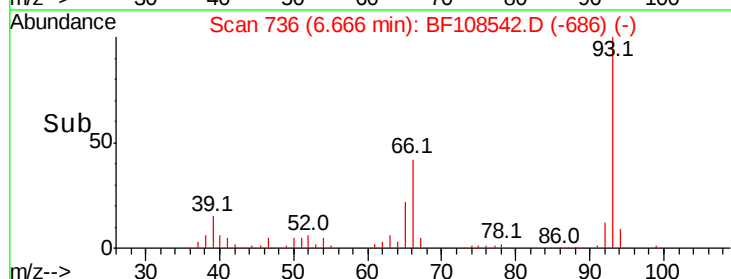
65 21.6 16.4 24.6

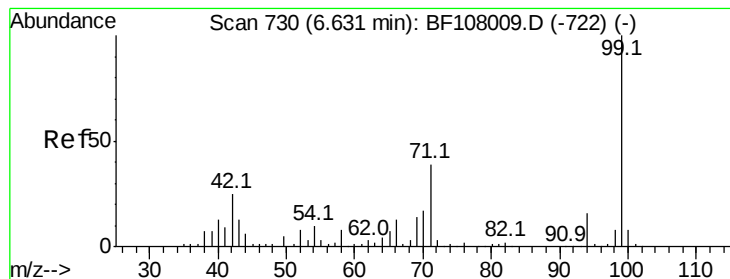


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.525 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

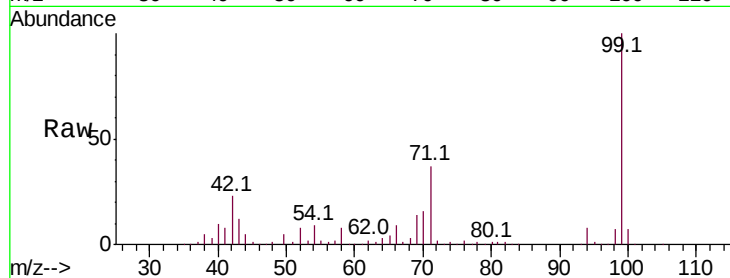
Tot Ion: 99 Resp: 75541

Ion Ratio Lower Upper

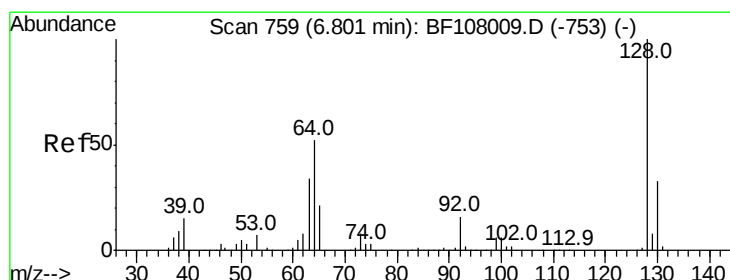
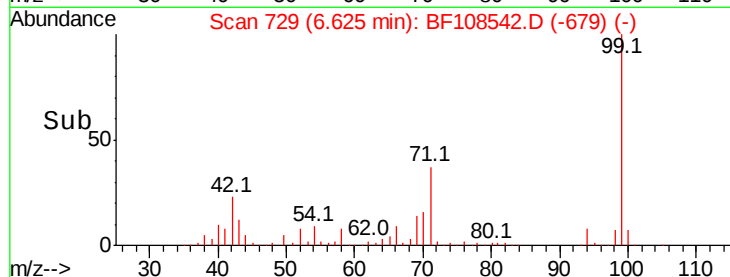
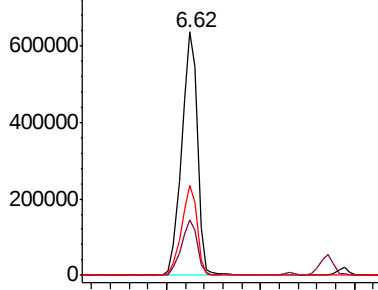
99 100

42 22.6 14.5 21.7#

71 37.2 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: 47.189 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

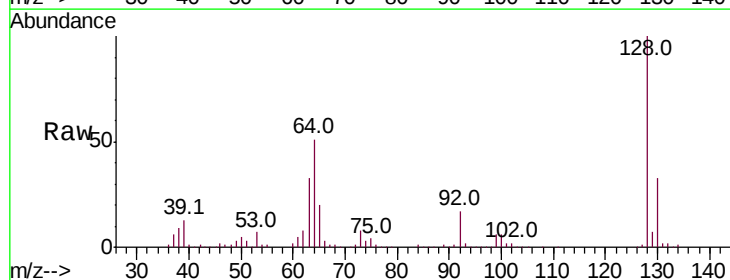
Tgt Ion: 128 Resp: 326588

Ion Ratio Lower Upper

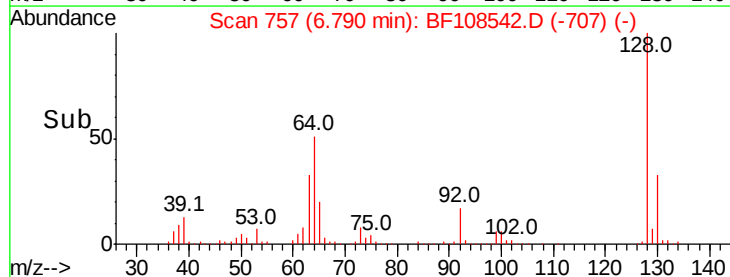
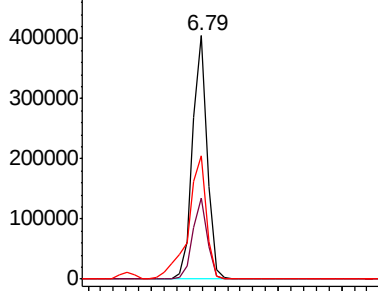
128 100

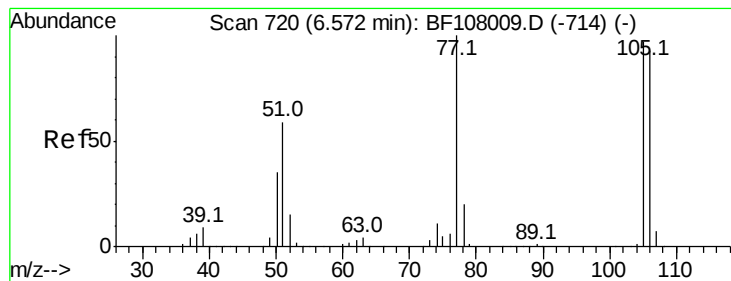
130 33.3 13.0 53.0

64 50.8 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: 28.498 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampled :

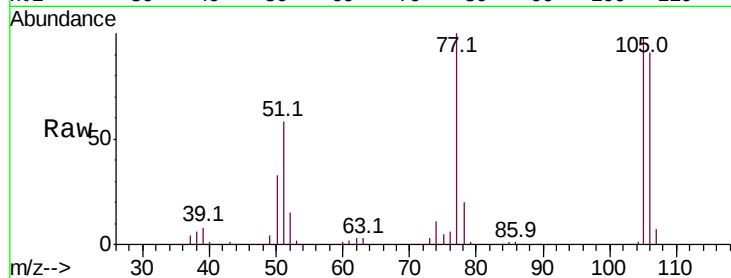
Tot Ion: 77 Resp: 180420

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

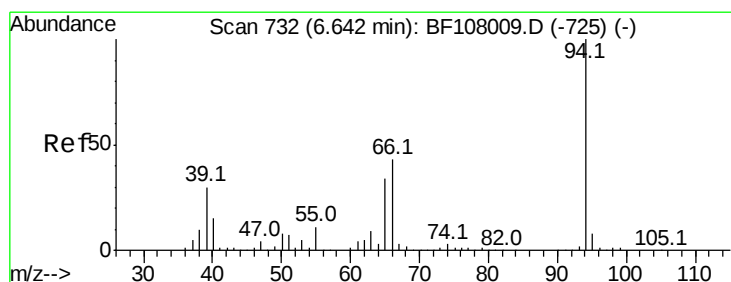
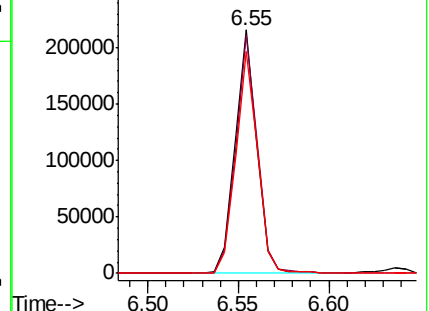
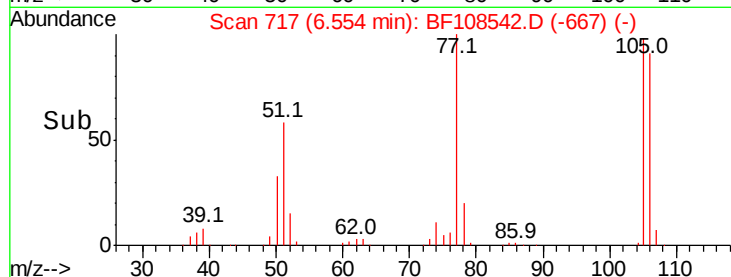
106 91.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.127 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

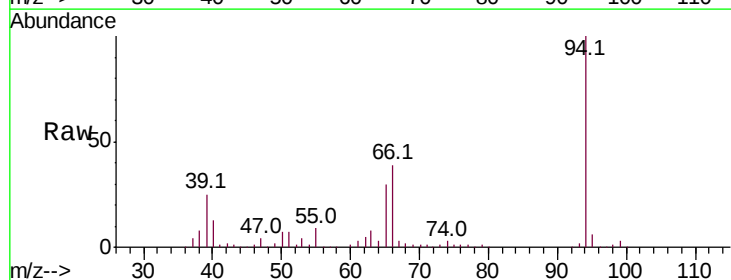
Tgt Ion: 94 Resp: 406512

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

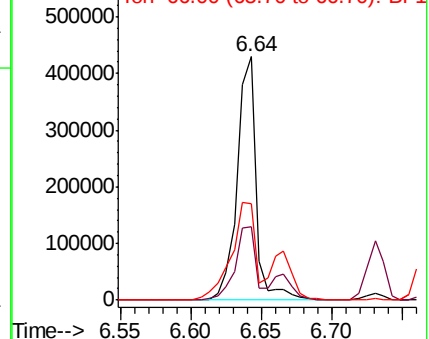
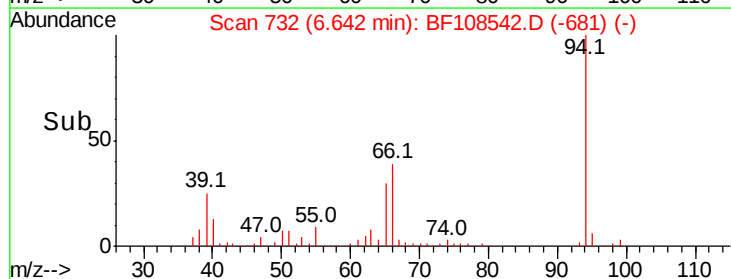
66 39.5 16.2 56.2

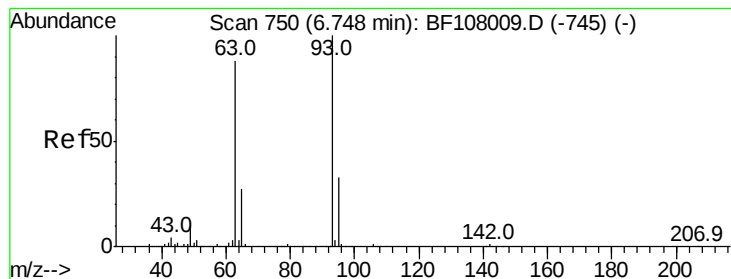


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.593 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampled :

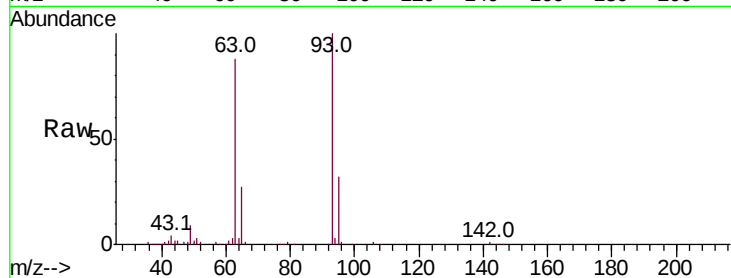
Tot Ion: 93 Resp: 318166

Ion Ratio Lower Upper

93 100

63 87.7 58.6 98.6

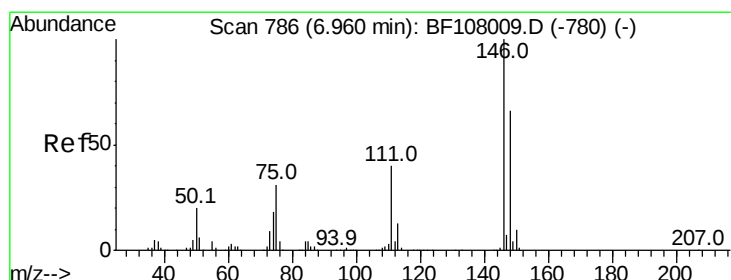
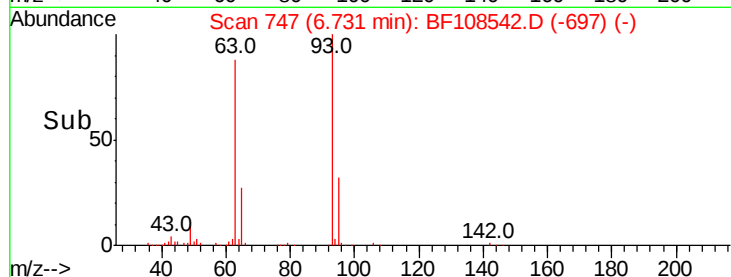
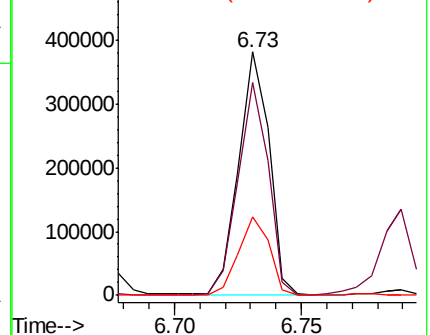
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 46.924 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

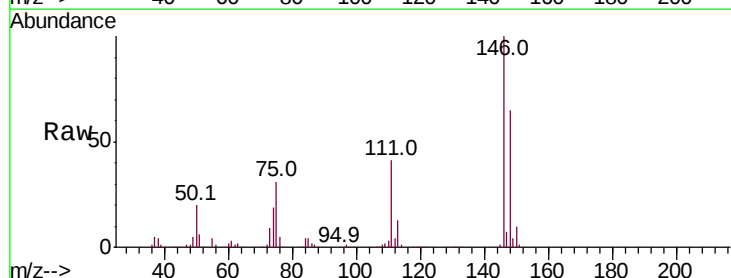
Tgt Ion: 146 Resp: 375499

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

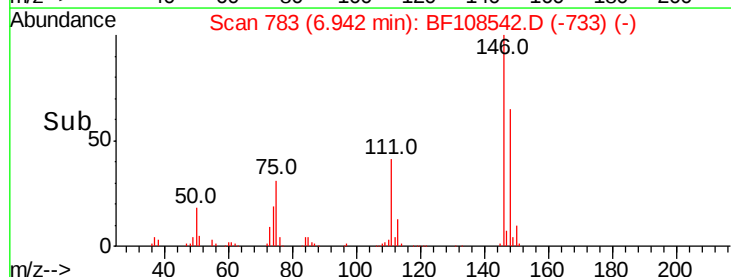
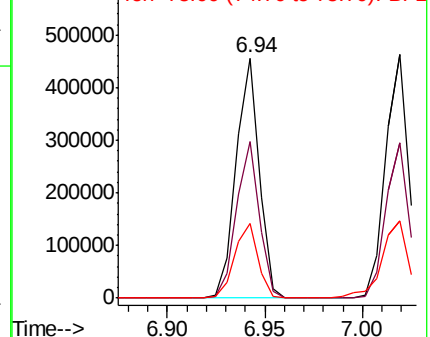
75 31.1 24.2 36.4

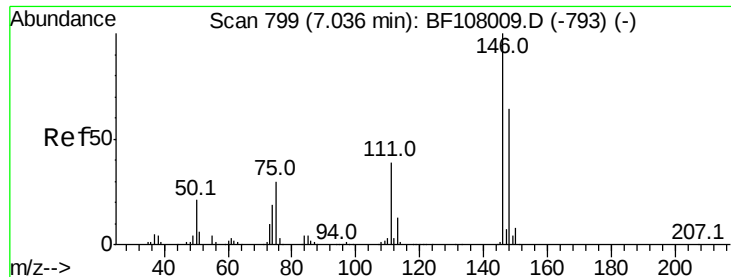


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 47.125 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

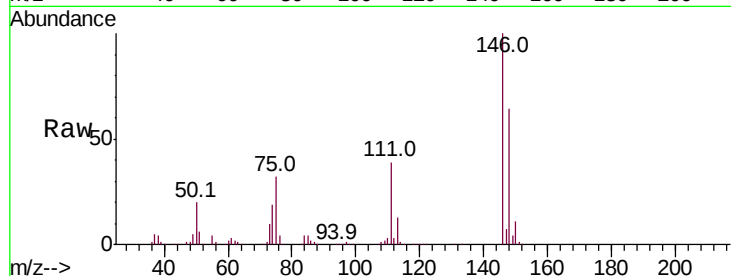
Tot Ion:146 Resp: 378892

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

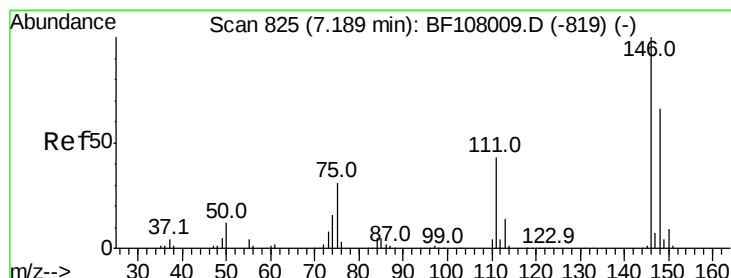
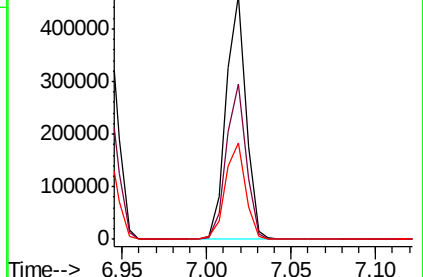
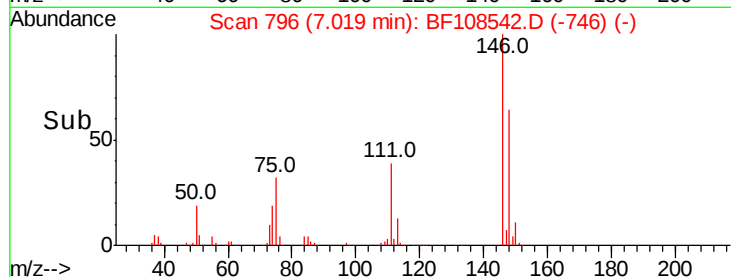
111 39.5 34.2 51.2



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: 46.579 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

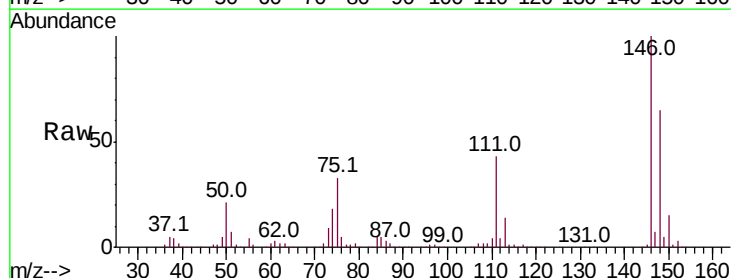
Tgt Ion:146 Resp: 348342

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

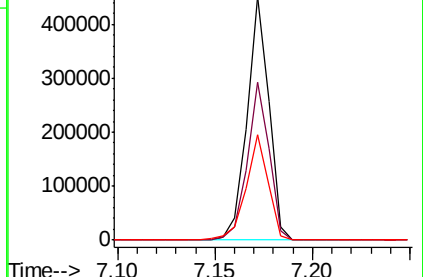
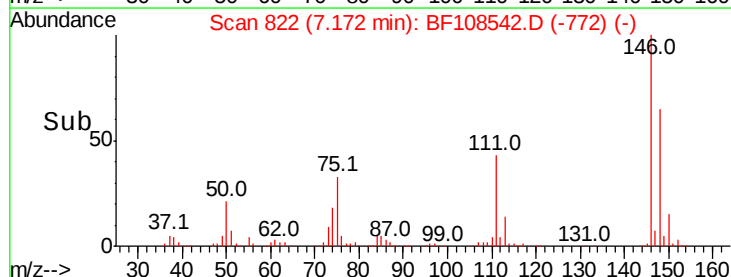
111 43.2 36.0 54.0

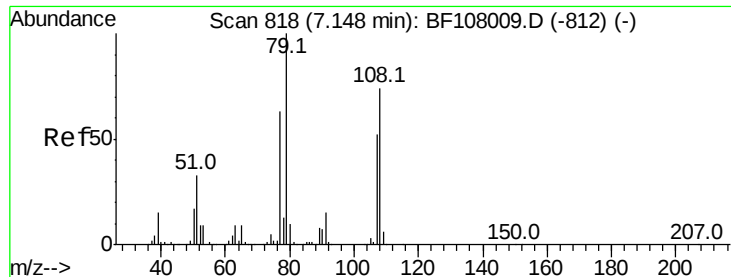


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.825 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

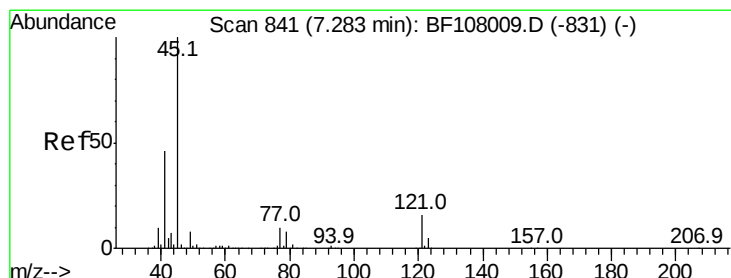
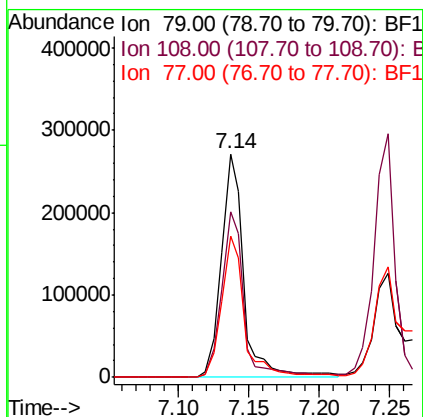
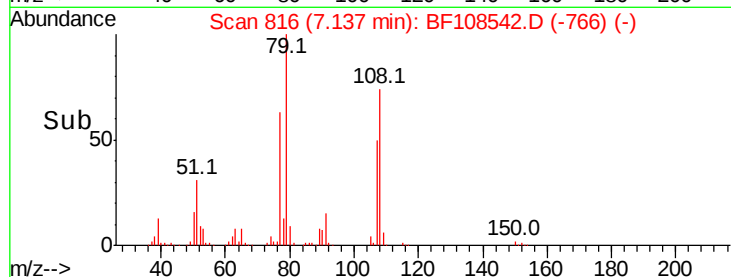
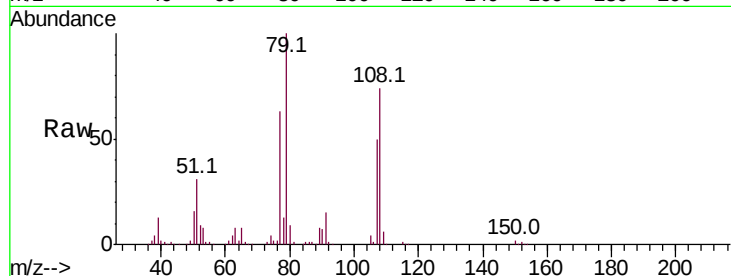
Tot Ion: 79 Resp: 301267

Ion Ratio Lower Upper

79 100

108 74.1 65.1 97.7

77 63.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.589 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

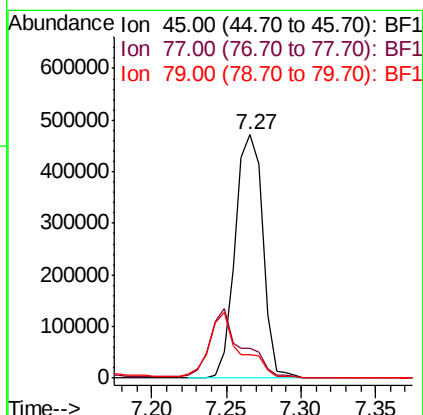
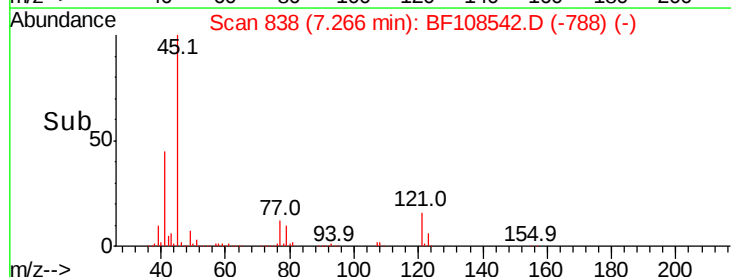
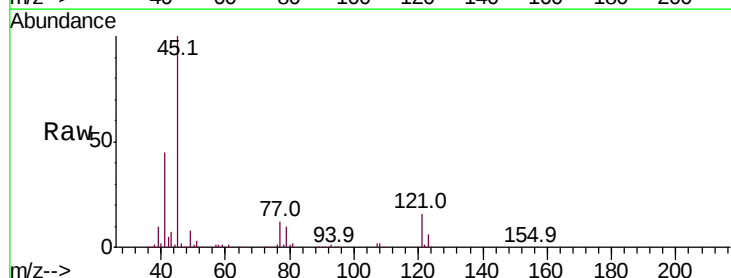
Tgt Ion: 45 Resp: 613193

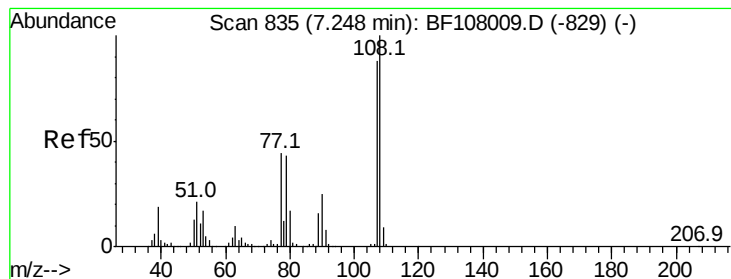
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.6 0.0 29.6

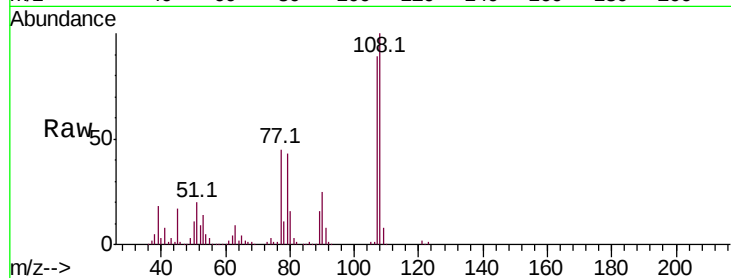




#17
2-Methylphenol
Concen: 46.152 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.7	137.5
77	50.7	33.8	50.8
79	48.3	33.8	50.8



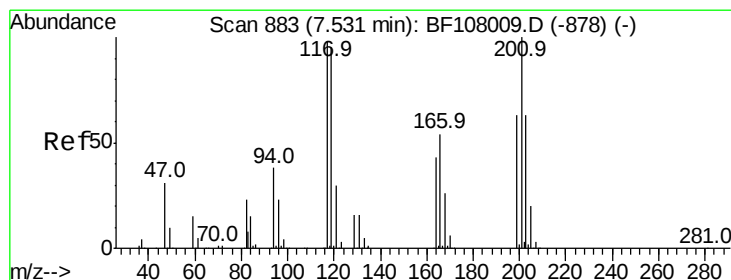
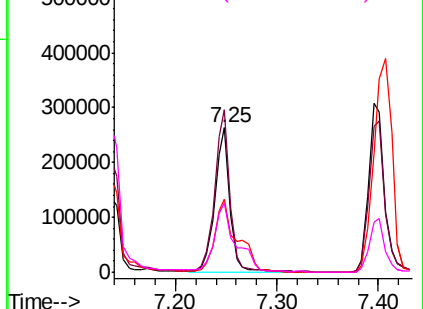
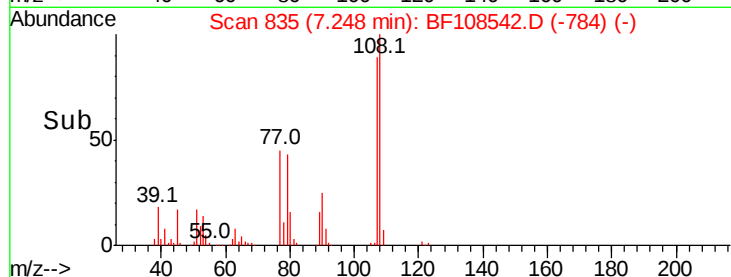
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

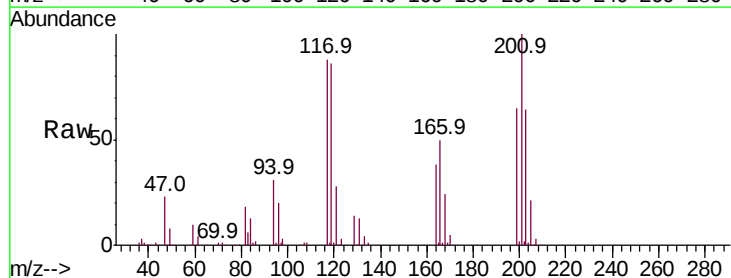
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.889 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.8	113.8
201	114.0	75.7	113.5#

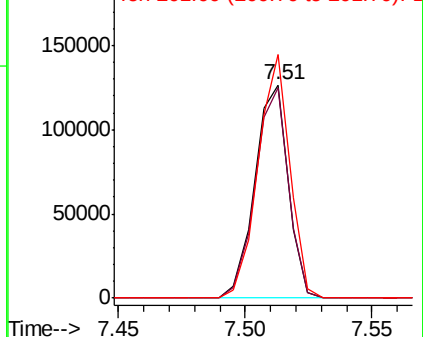
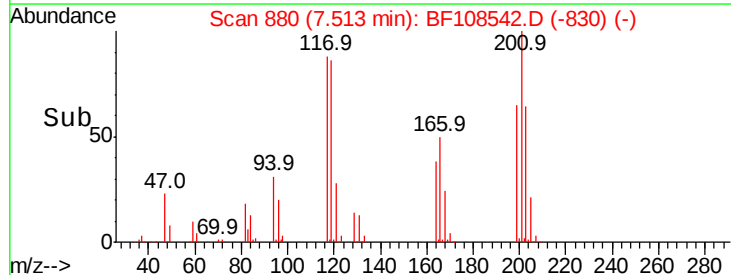


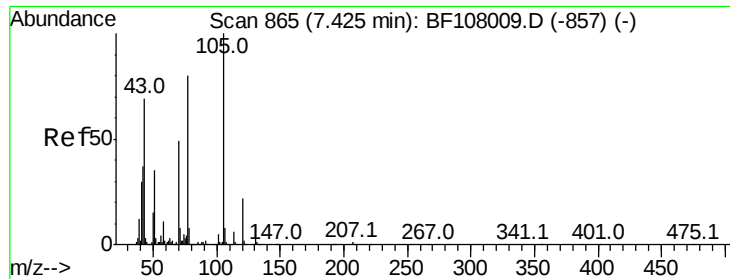
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

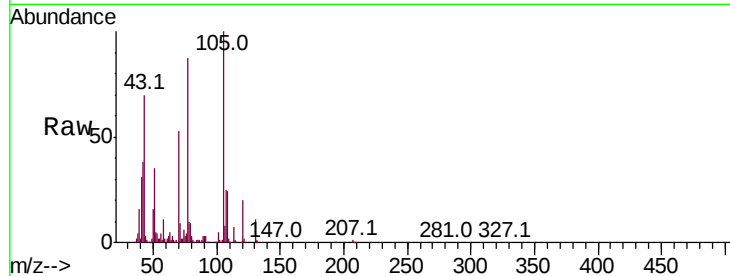




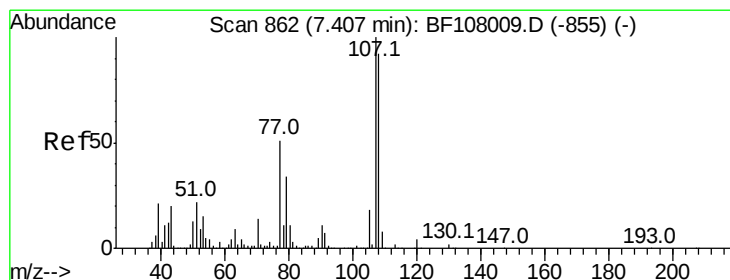
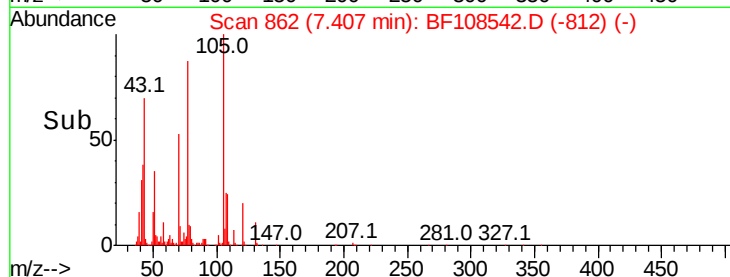
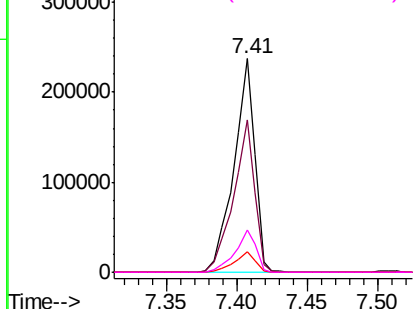
#19
n-Nitroso-di-n-propylamine
Concen: 44.377 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	245047
Ion	Ratio	Lower	Upper
70	100		
42	71.1	47.5	71.3
101	9.6	7.4	11.2
130	19.9	16.6	25.0

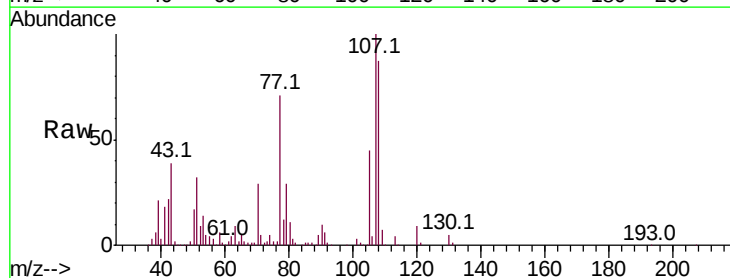


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

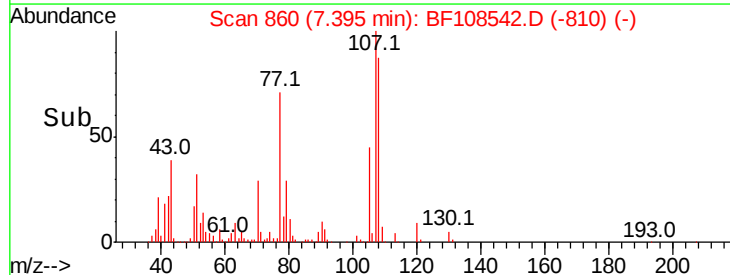
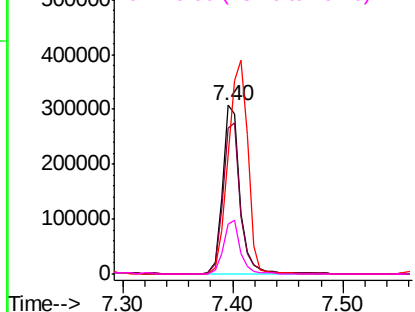


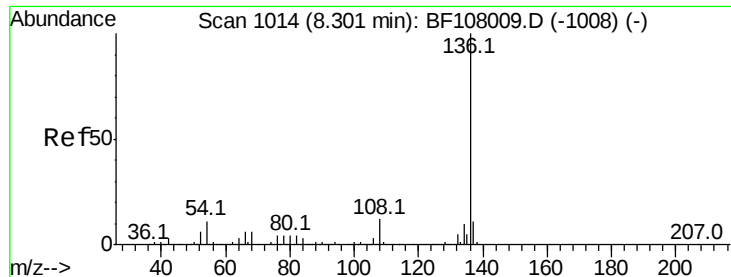
#20
3+4-Methylphenols
Concen: 44.322 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion:	107	Resp:	337095
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	70.8	26.7	66.7#
79	29.4	6.3	46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108542.D

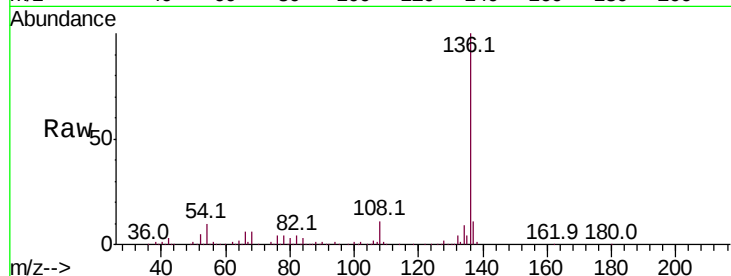
Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	394294
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.3	6.6 9.8#
68	6.0	5.0 7.4

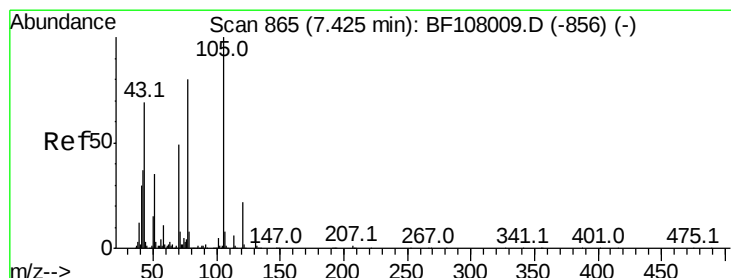
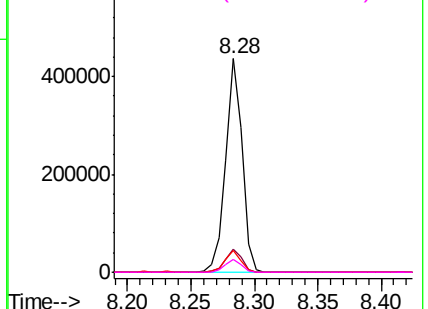
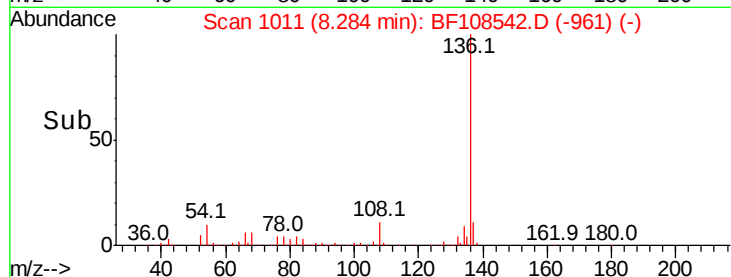


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.850 ng

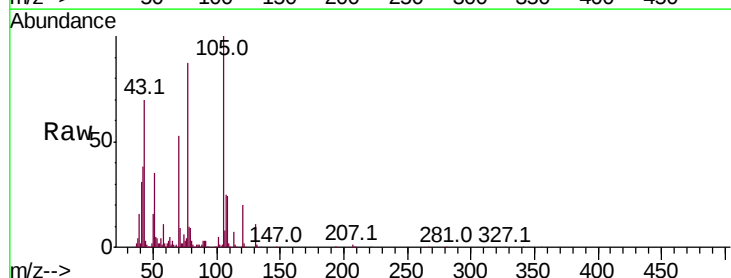
RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:105	Resp:	468816
Ion Ratio	Lower	Upper
105	100	
71	8.7	4.4 6.6#
51	35.1	22.3 33.5#
120	20.4	16.9 25.3

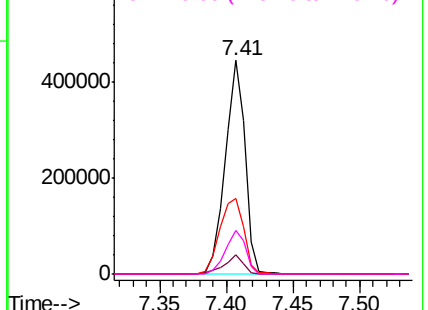
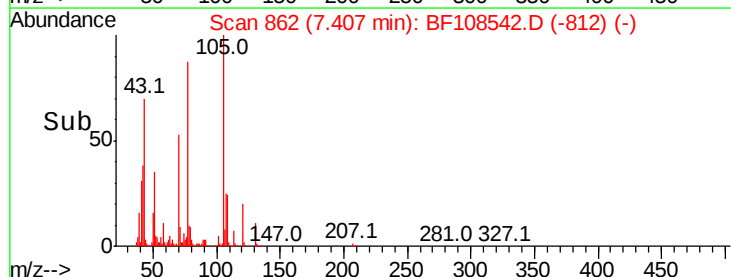


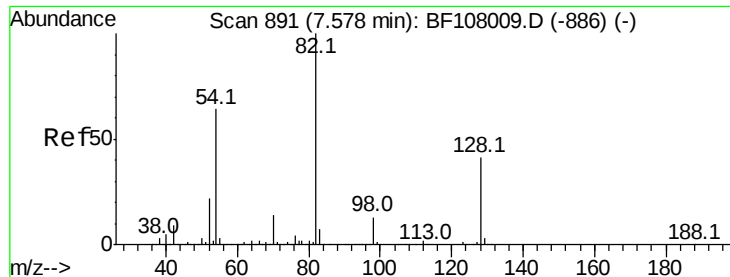
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

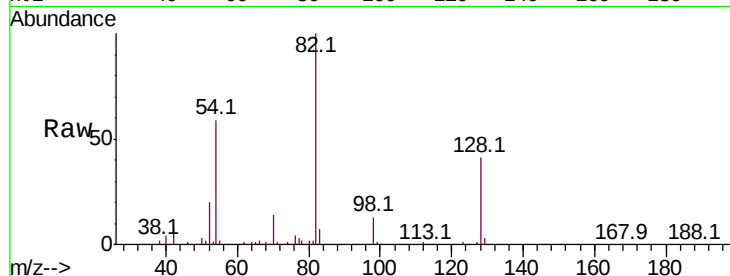




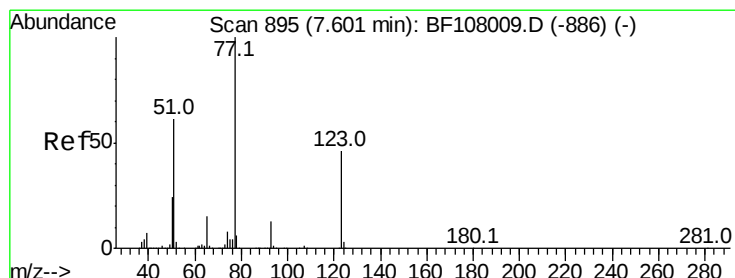
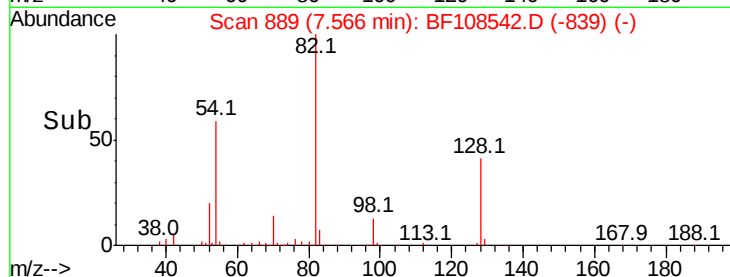
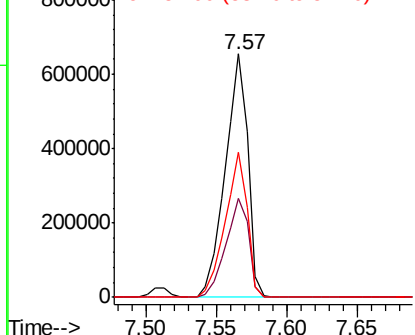
#23
Nitrobenzene-d5
Concen: 102.508 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 724320
Ion Ratio Lower Upper
82 100
128 40.8 36.1 54.1
54 59.4 41.4 62.2

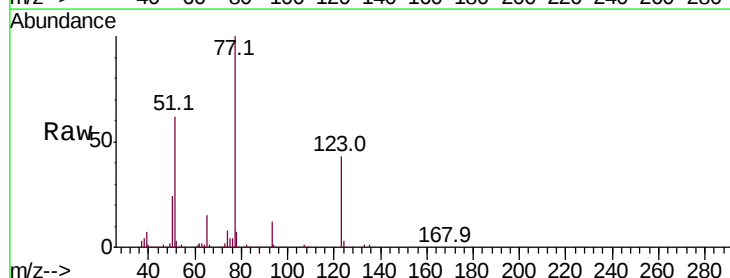


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

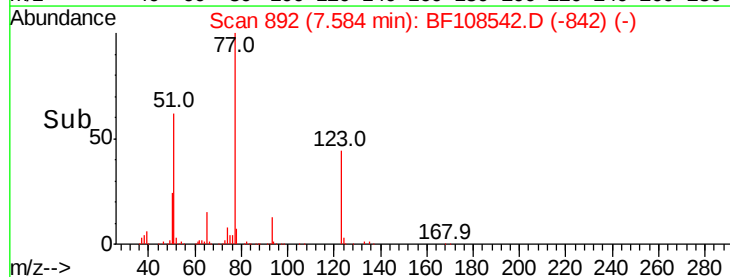
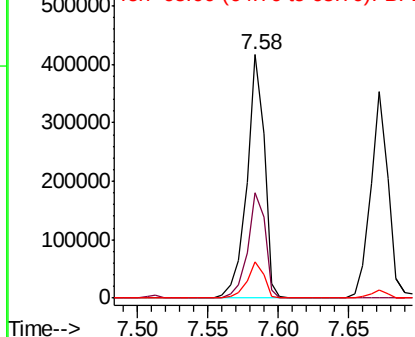


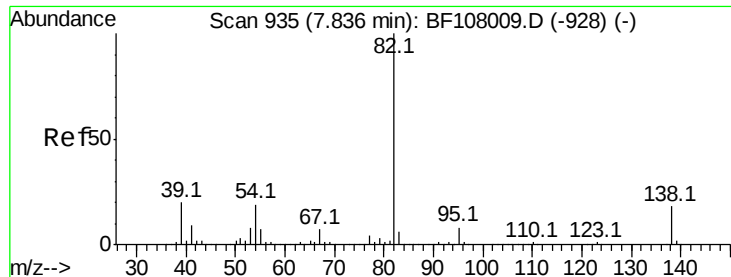
#24
Nitrobenzene
Concen: 50.225 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion: 77 Resp: 358874
Ion Ratio Lower Upper
77 100
123 43.4 37.9 56.9
65 14.9 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: 48.675 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

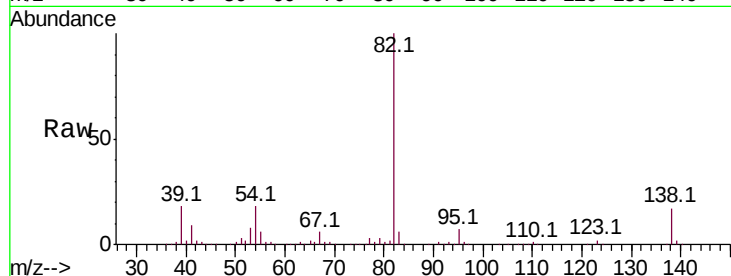
Tot Ion: 82 Resp: 655563

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

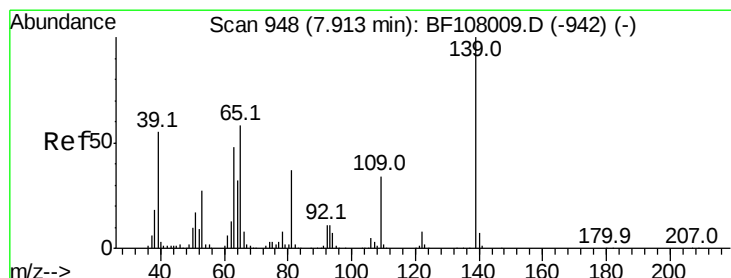
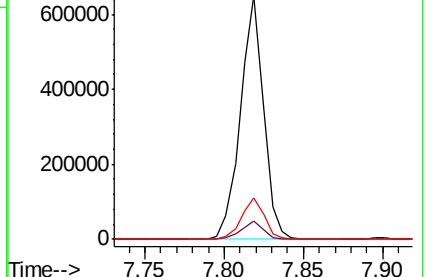
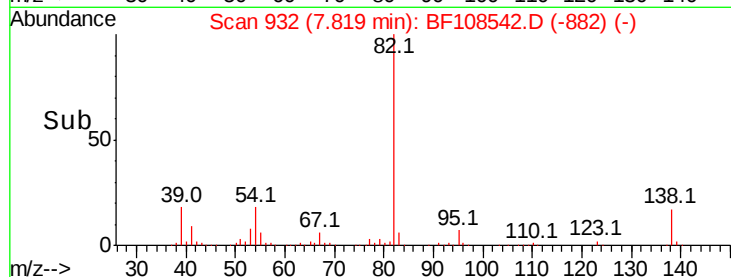
138 17.0 14.9 22.3



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: 52.426 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

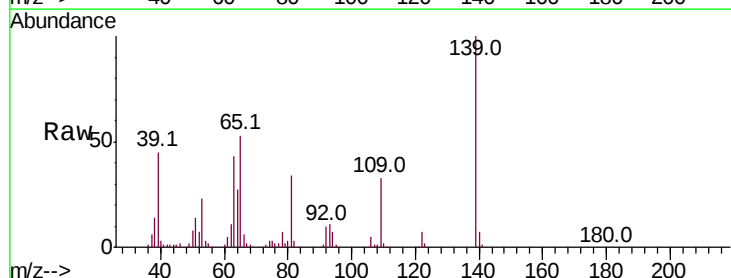
Tgt Ion: 139 Resp: 141466

Ion Ratio Lower Upper

139 100

109 33.2 22.7 34.1

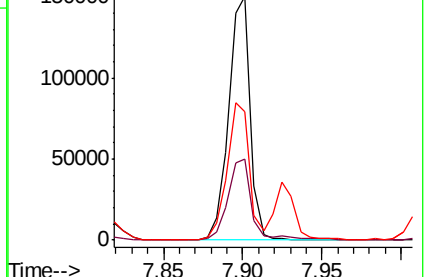
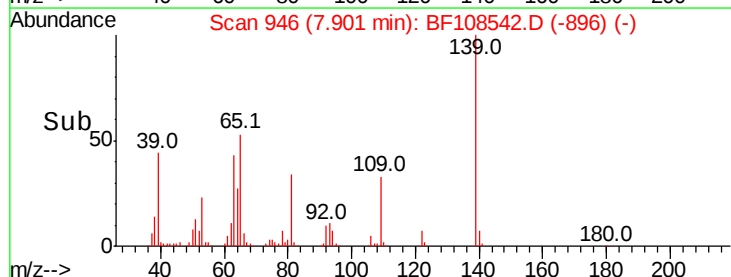
65 52.6 40.5 60.7

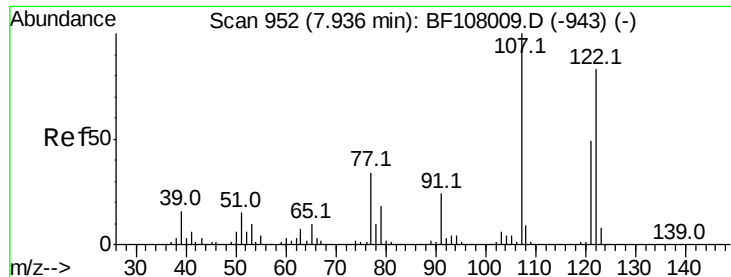


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.185 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

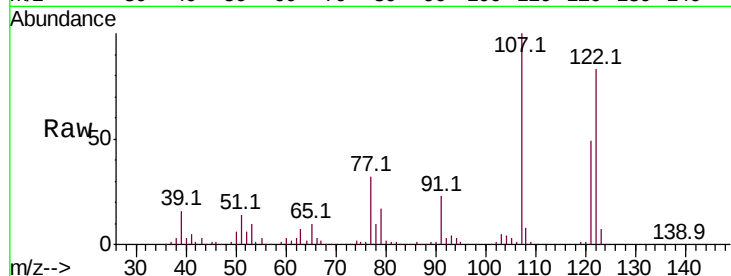
Tot Ion:122 Resp: 294004

Ion Ratio Lower Upper

122 100

107 121.2 91.2 136.8

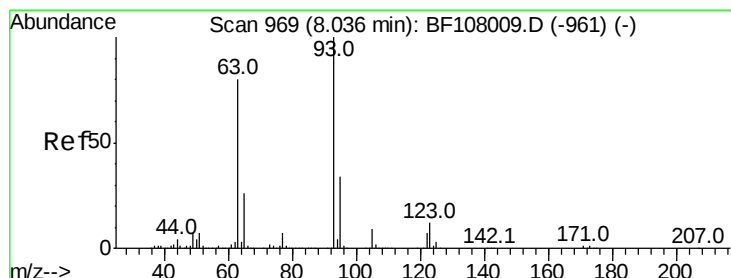
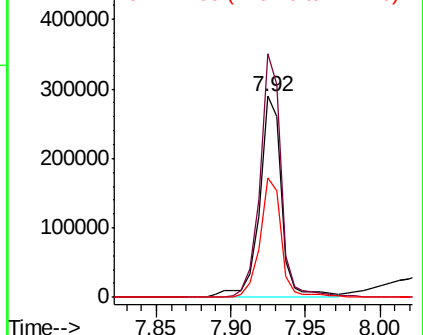
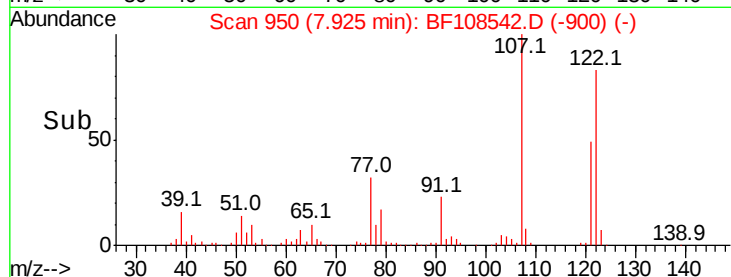
121 59.4 47.2 70.8



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: 50.693 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

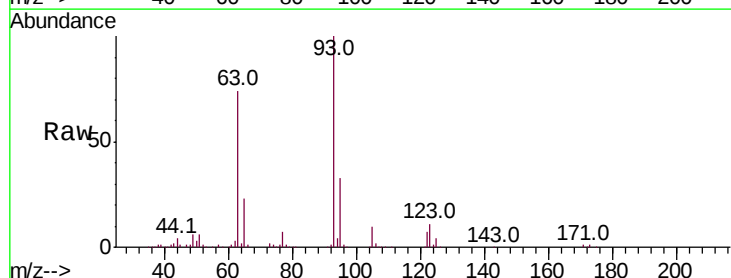
Tgt Ion: 93 Resp: 398568

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

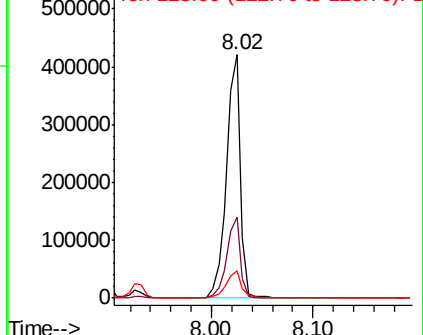
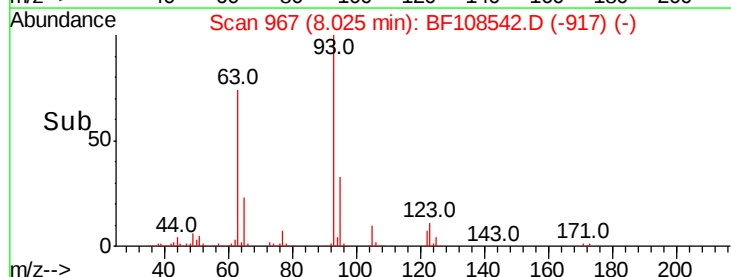
123 11.5 9.8 14.6

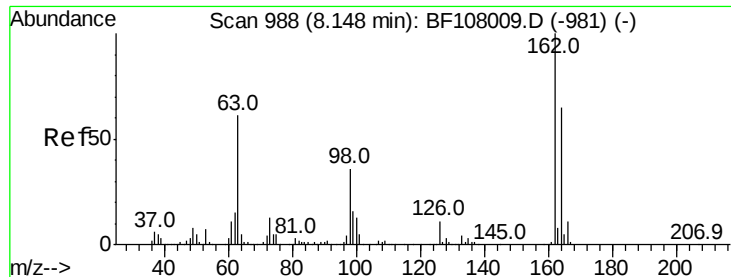


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

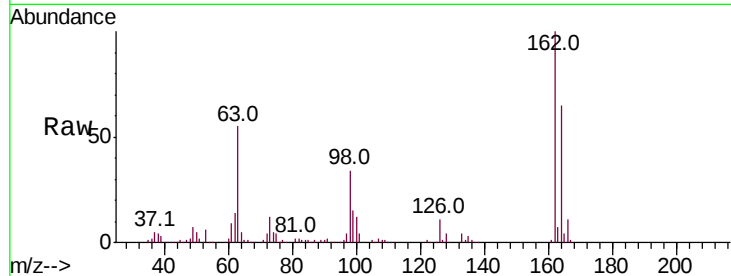




#29
2,4-Dichlorophenol
Concen: 49.754 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	33.8	18.1	58.1

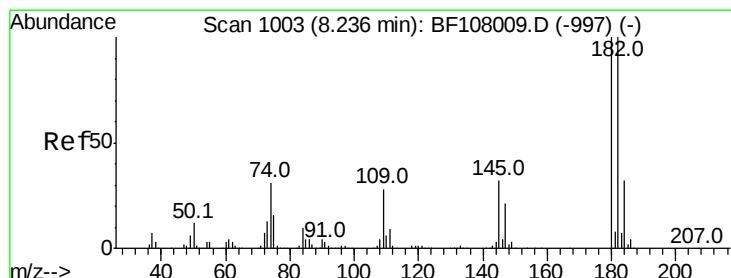
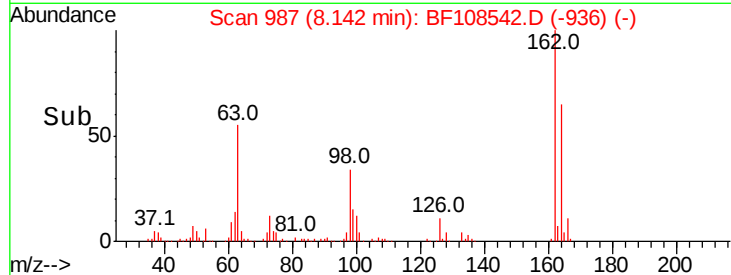
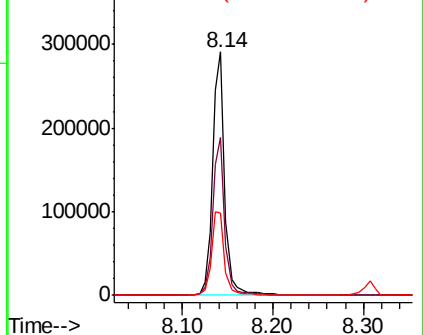


Abundance

Ion 162.00 (161.70 to 162.70): E

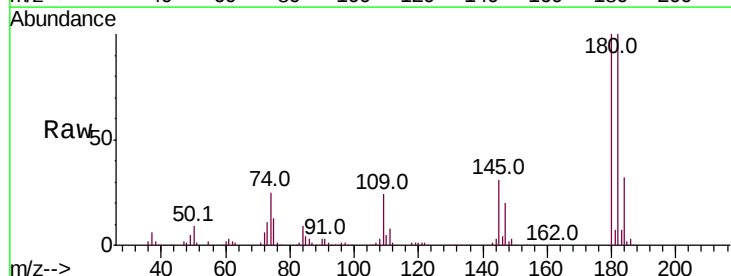
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 49.889 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.8	115.2
145	30.8	26.5	39.7

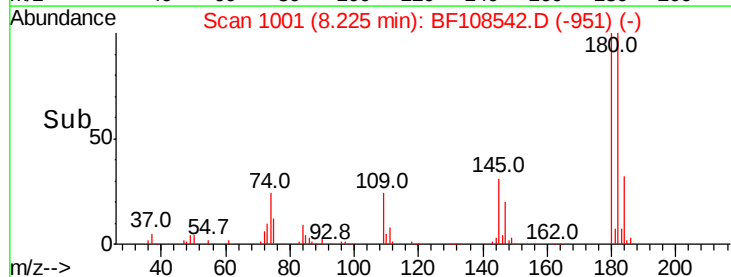
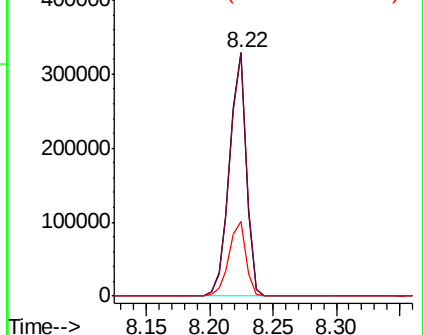


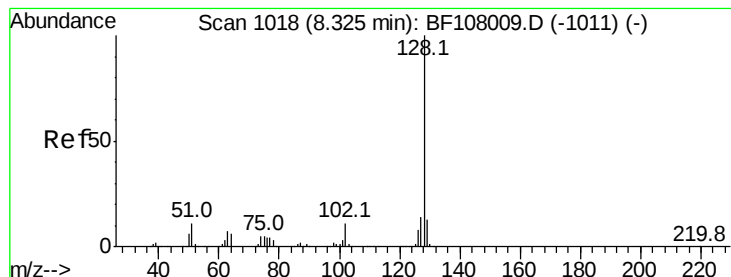
Abundance

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: 50.785 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

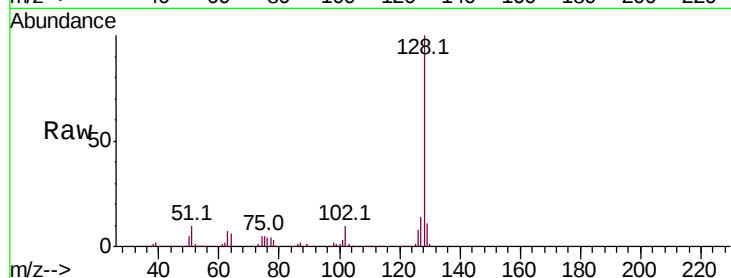
Tot Ion:128 Resp: 910667

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

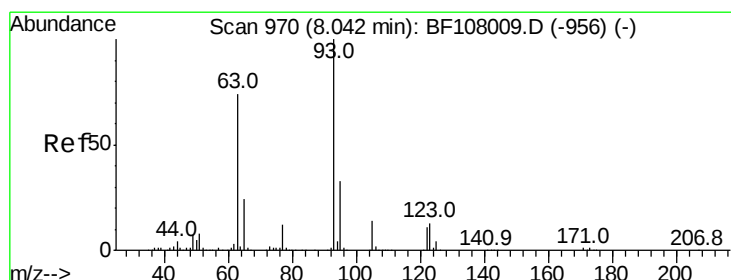
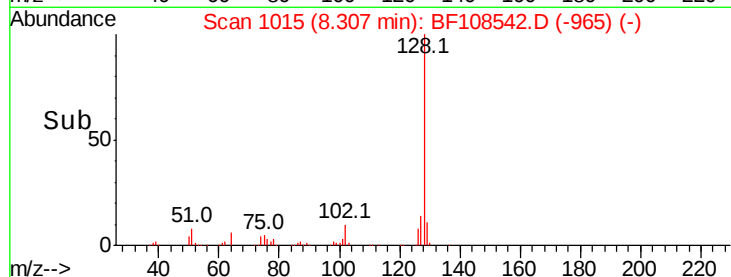
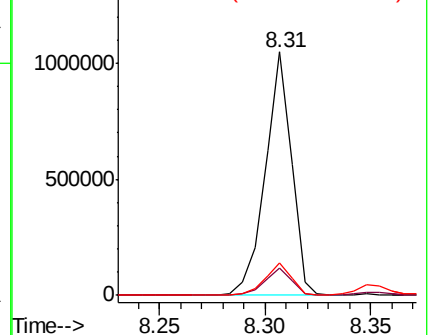
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.253 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

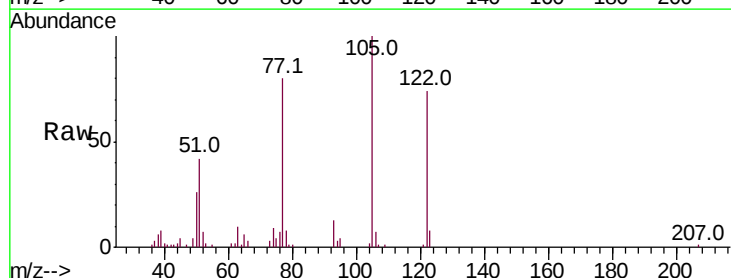
Tgt Ion:122 Resp: 127883

Ion Ratio Lower Upper

122 100

105 135.4 101.1 141.1

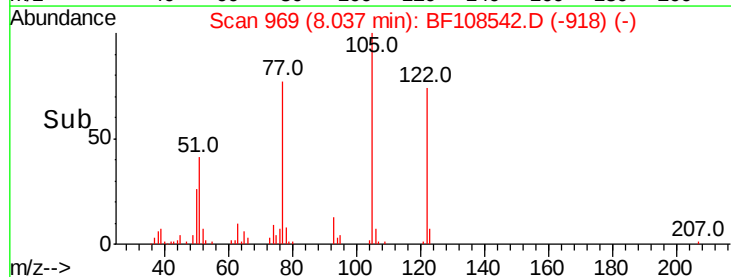
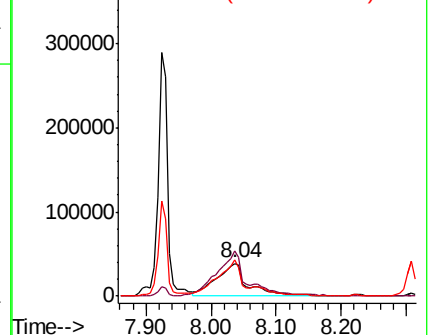
77 108.7 70.7 110.7

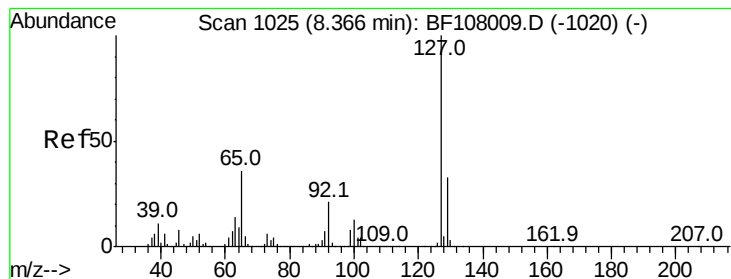


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 7.638 ng

RT: 8.35 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 59691

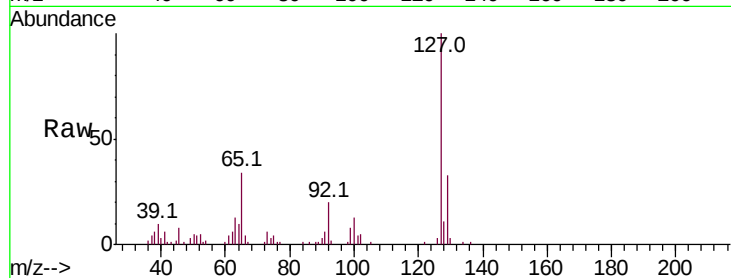
Ion Ratio Lower Upper

127 100

129 33.2 25.9 38.9

65 34.4 25.0 37.4

92 20.4 15.2 22.8

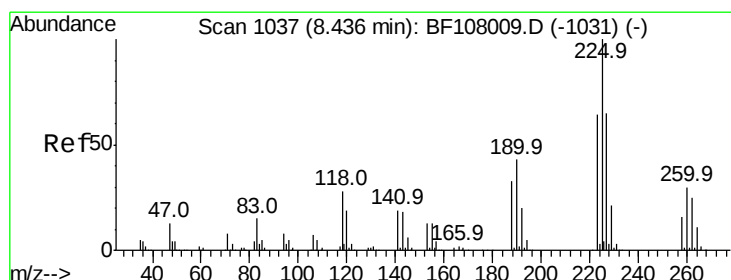
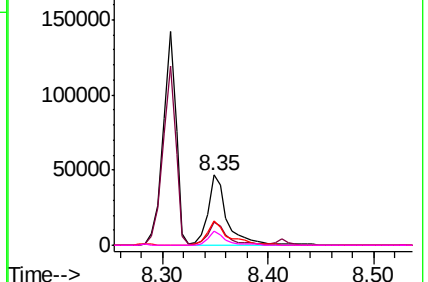
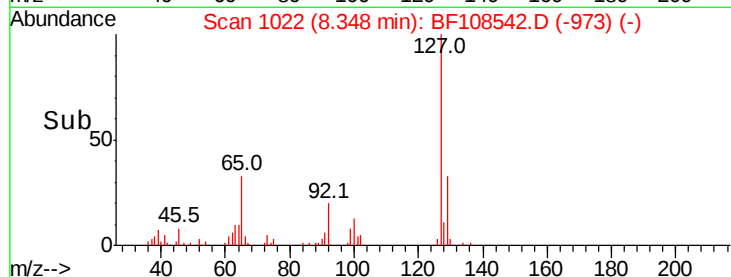


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 52.601 ng

RT: 8.41 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

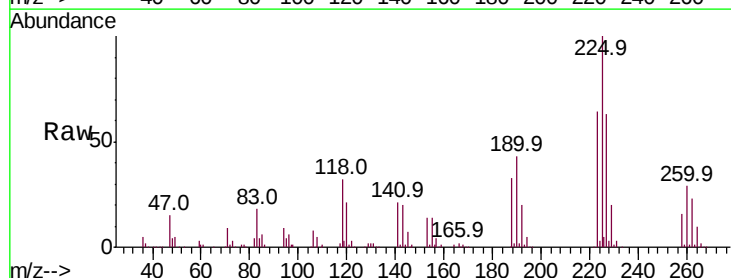
Tgt Ion:225 Resp: 201960

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

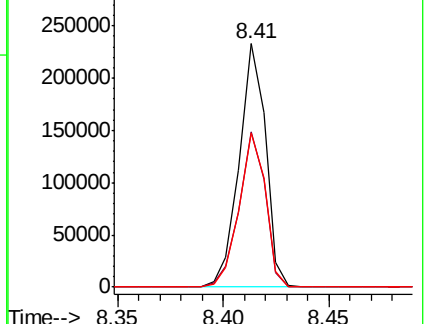
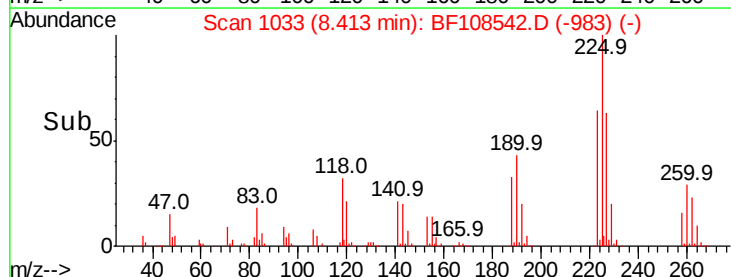
227 63.3 51.9 77.9

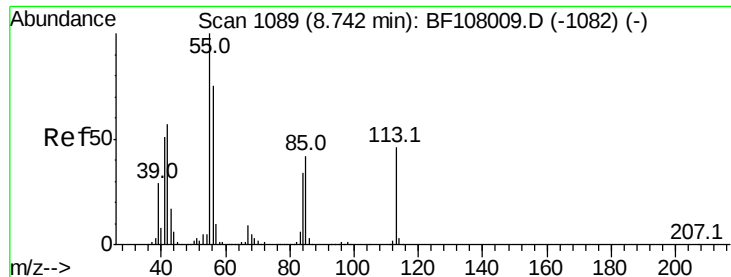


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.758 ng

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

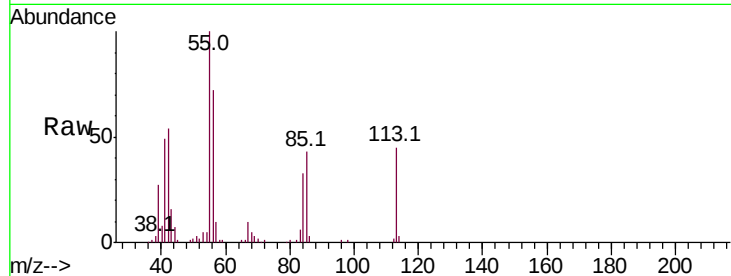
Tot Ion:113 Resp: 75433

Ion Ratio Lower Upper

113 100

55 221.2 163.3 203.3#

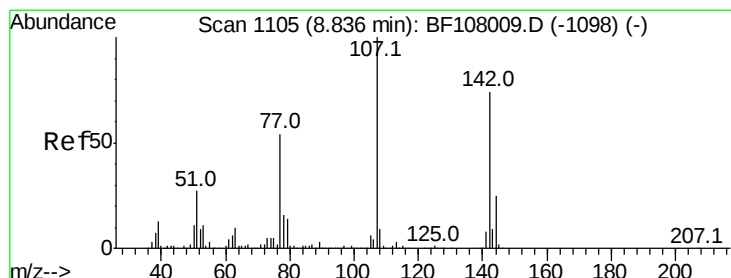
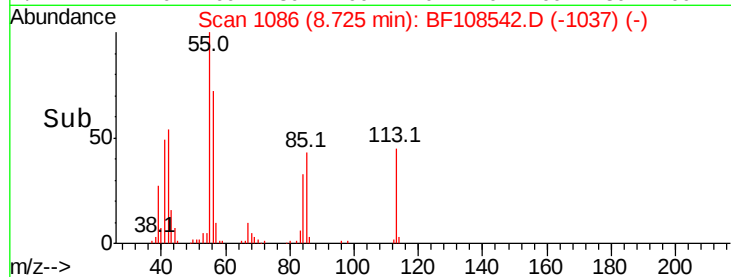
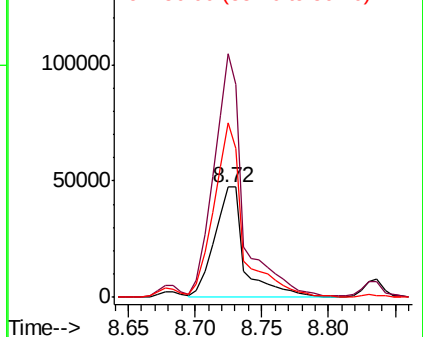
56 158.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.939 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

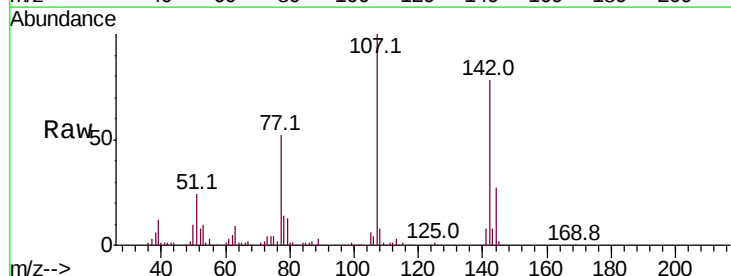
Tgt Ion:107 Resp: 272614

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

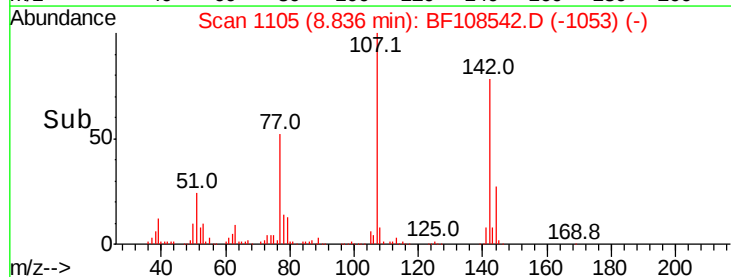
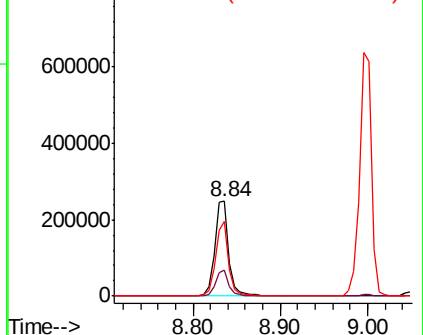
142 78.4 62.0 93.0

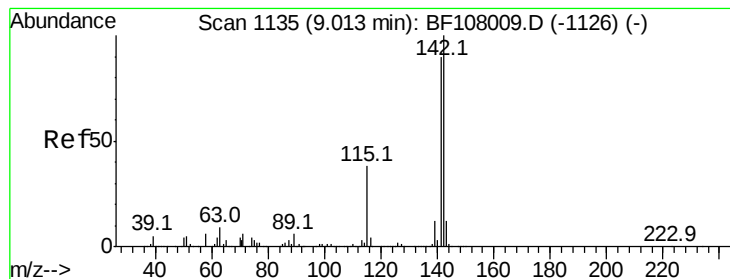


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

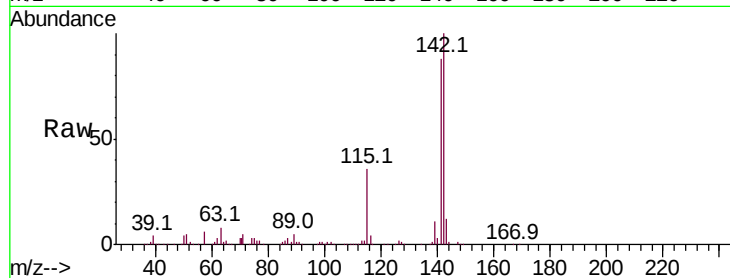




#37
 2-Methylnaphthalene
 Concen: 47.921 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	36.5	26.1	39.1

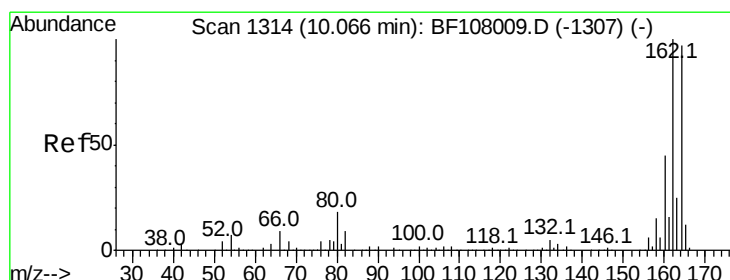
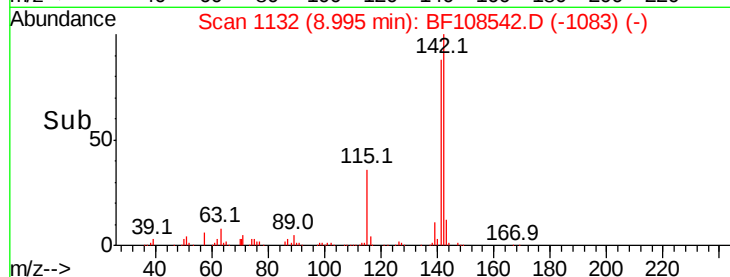
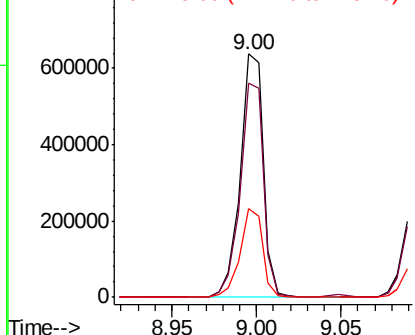


Abundance

Ion 142.00 (141.70 to 142.70): E

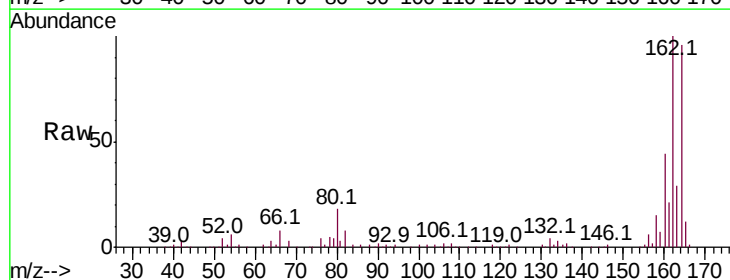
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.0	38.3	57.5

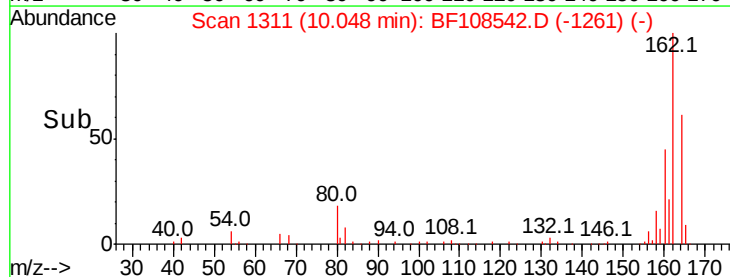
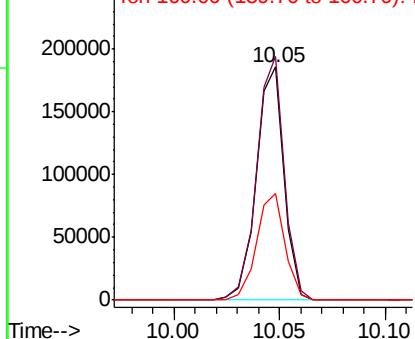


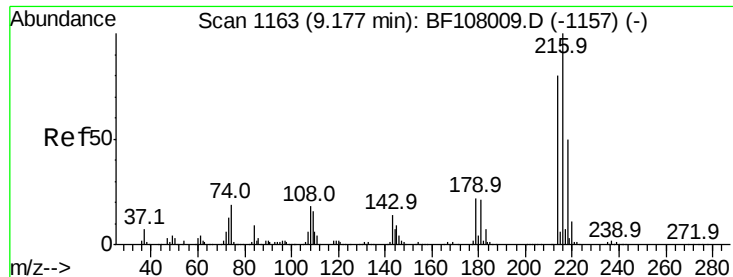
Abundance

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

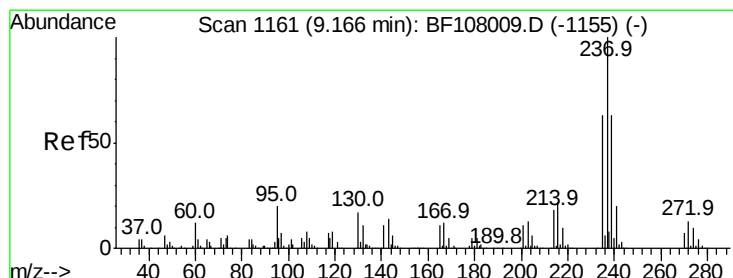
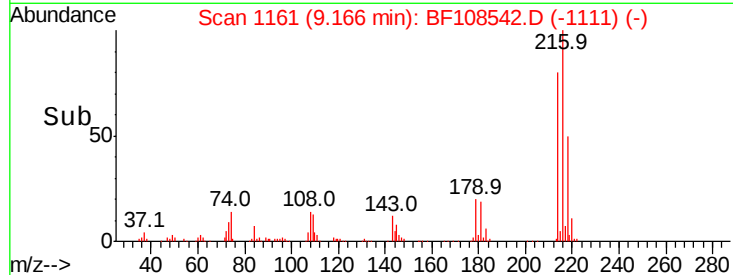
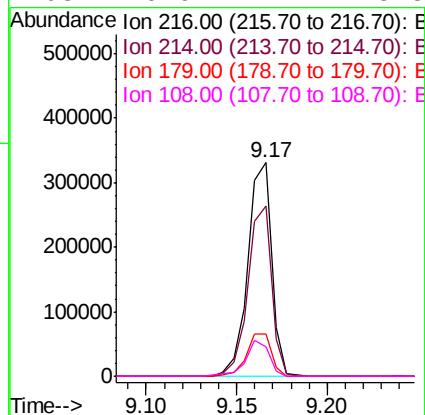
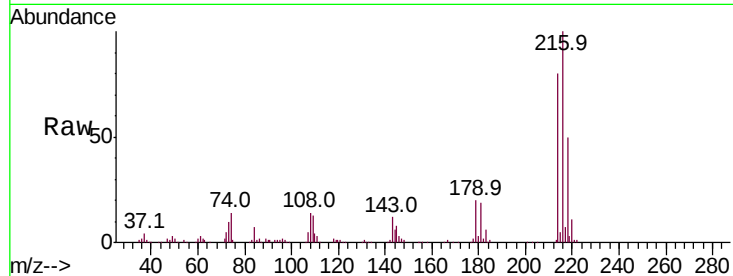




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.211 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

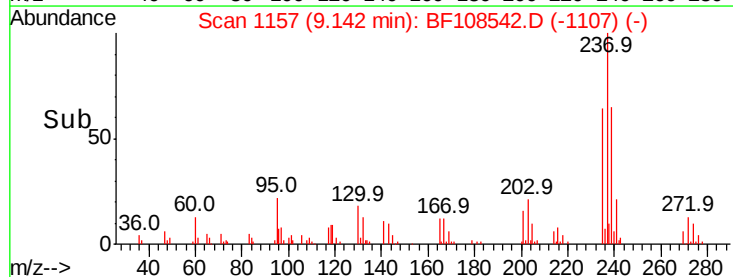
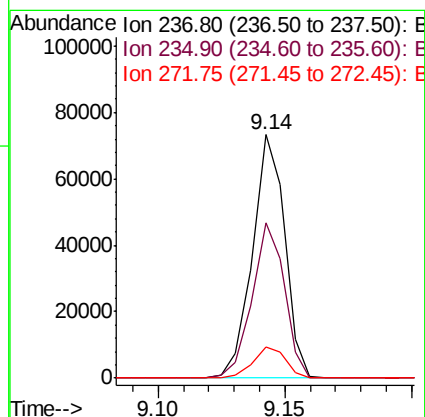
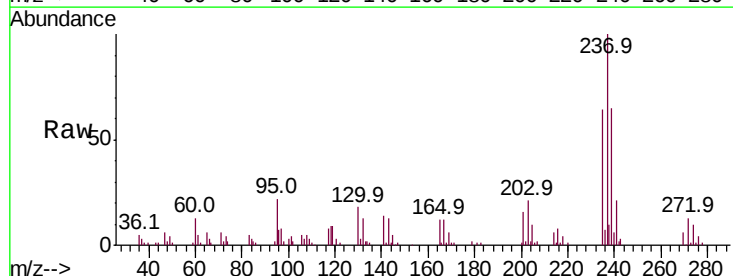
Instrument :
 BNA_F
 ClientSampleId :

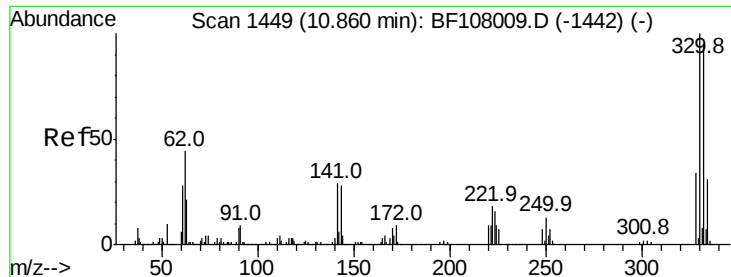
Tot Ion:	216	Resp:	302699
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.6	18.1	27.1
108	16.6	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 19.415 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:	237	Resp:	65211
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	12.7	0.0	33.3

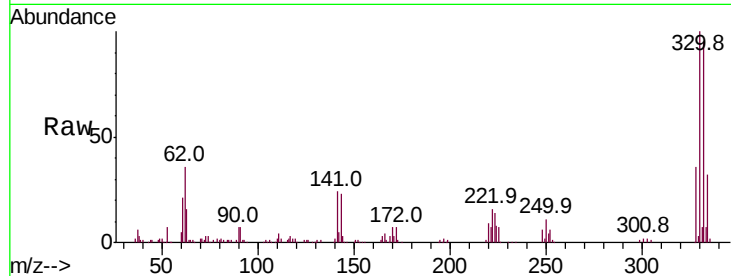




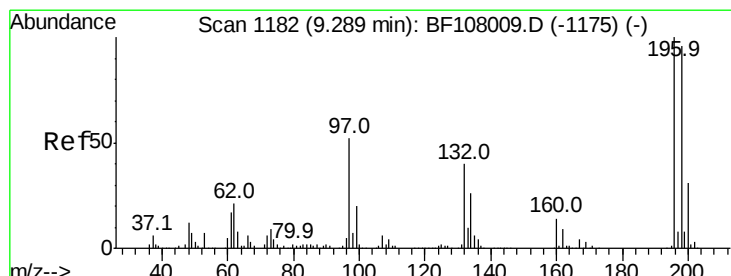
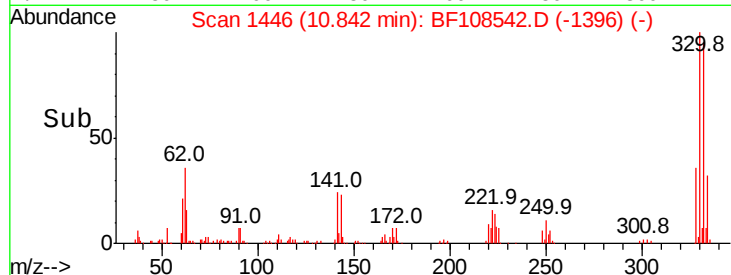
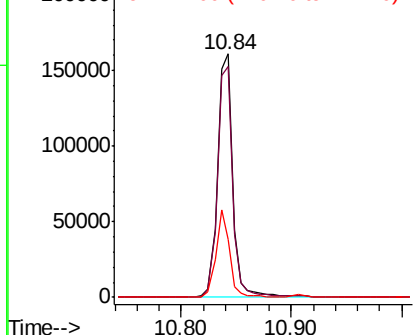
#41
 2,4,6-Tribromophenol
 Concen: 91.779 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 155020
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.0 29.9 44.9

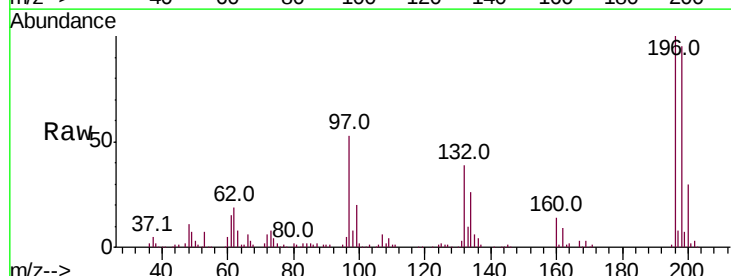


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

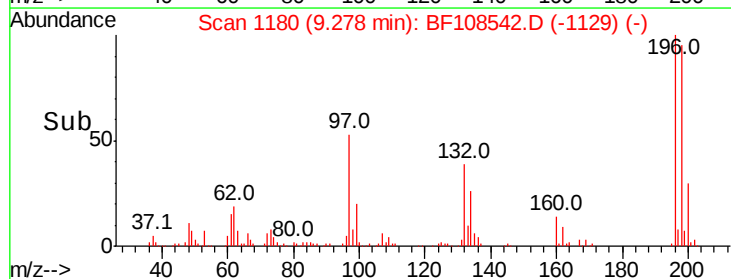
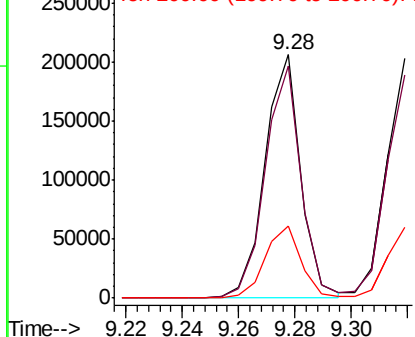


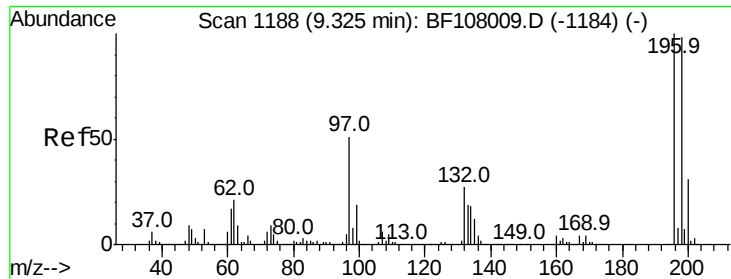
#42
 2,4,6-Trichlorophenol
 Concen: 56.061 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:196 Resp: 180902
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 29.5 24.5 36.7



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

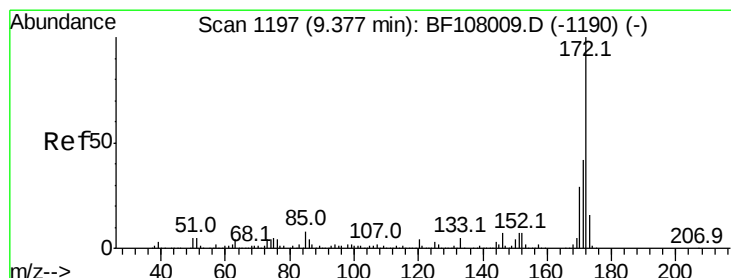
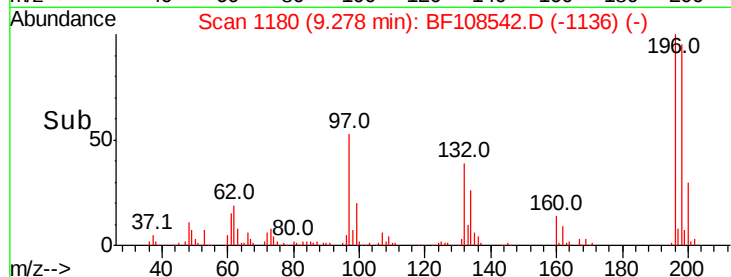
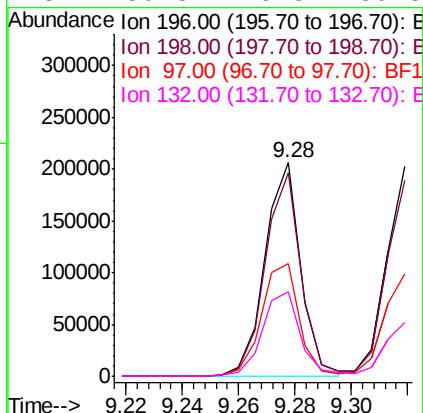
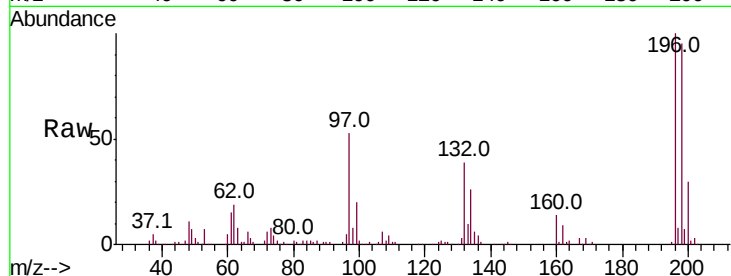




#43
 2,4,5-Trichlorophenol
 Concen: 50.926 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

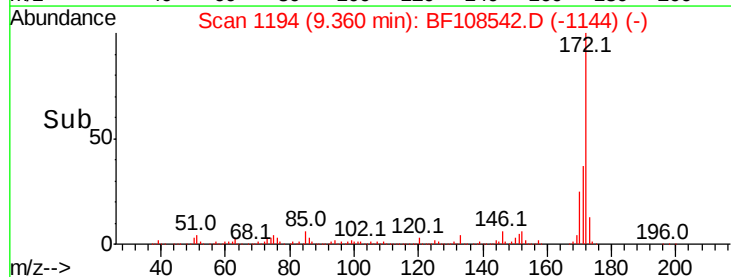
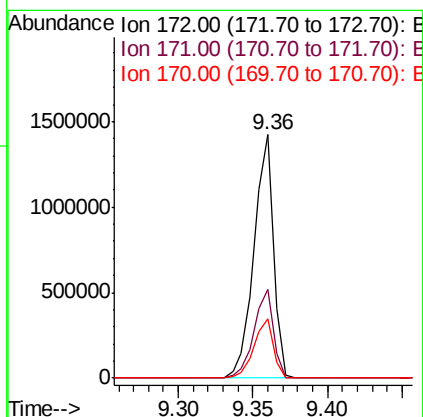
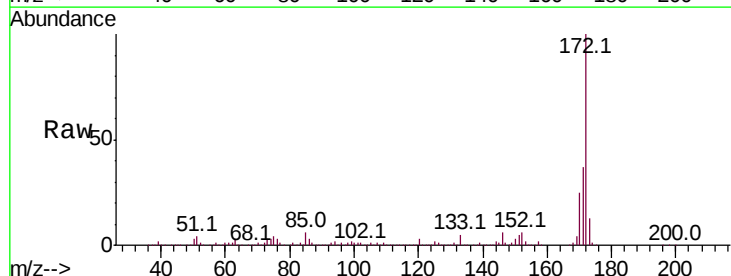
Instrument :
 BNA_F
 ClientSampleId :

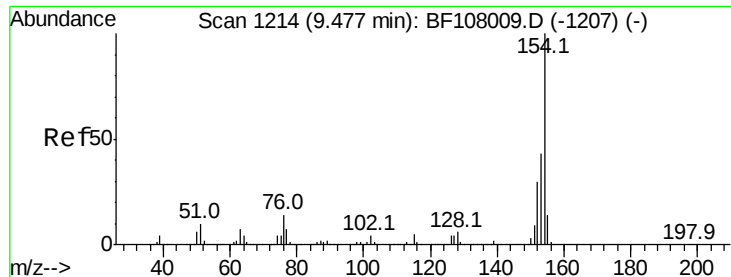
Tot Ion:	196	Resp:	180902
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	52.9	42.9	64.3
132	39.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 120.936 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:	172	Resp:	1275542
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

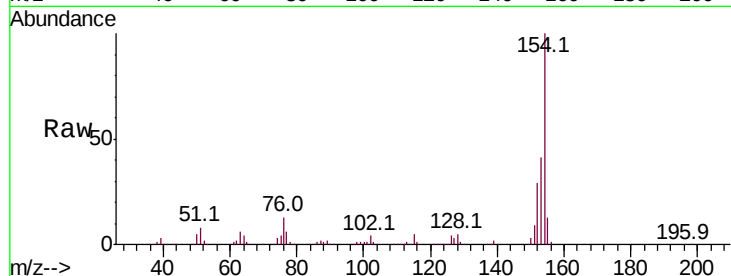




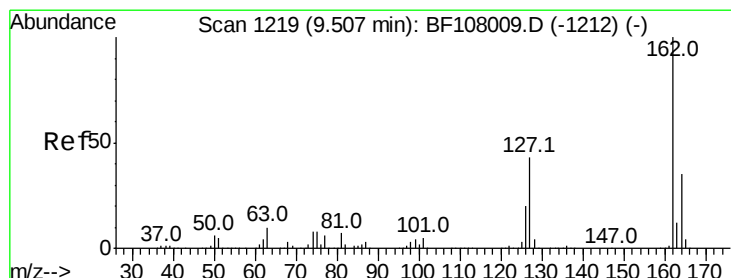
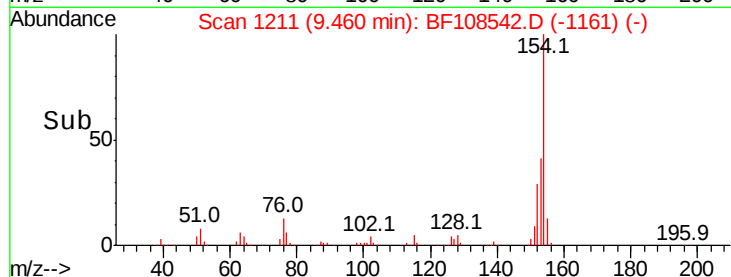
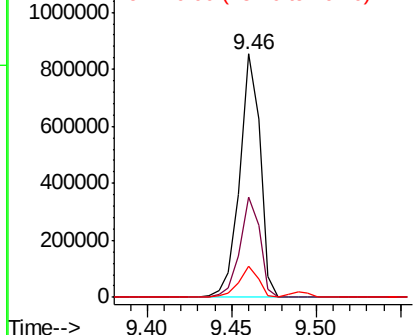
#45
 1,1'-Biphenyl
 Concen: 57.572 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.8	0.0	34.0

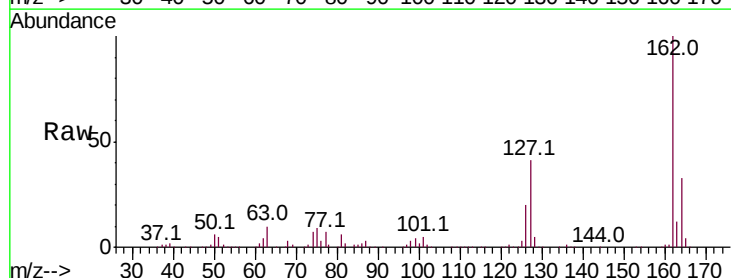


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

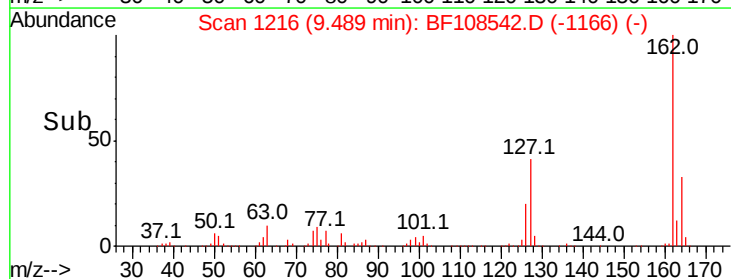
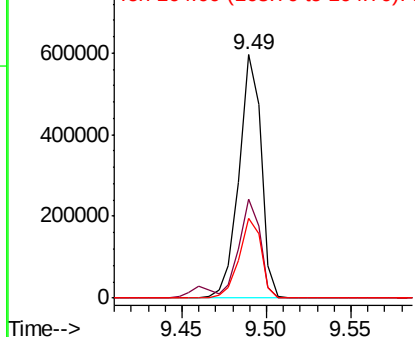


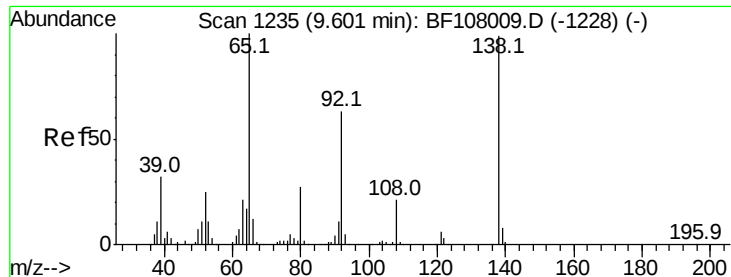
#46
 2-Chloronaphthalene
 Concen: 55.231 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	32.6	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

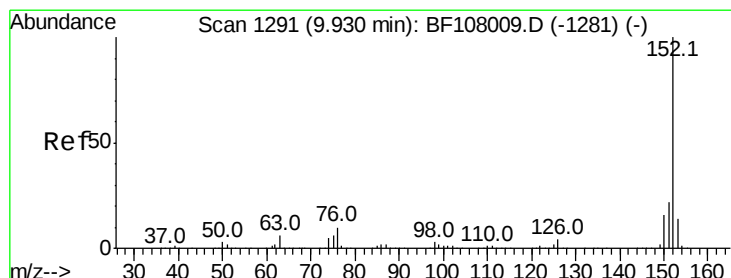
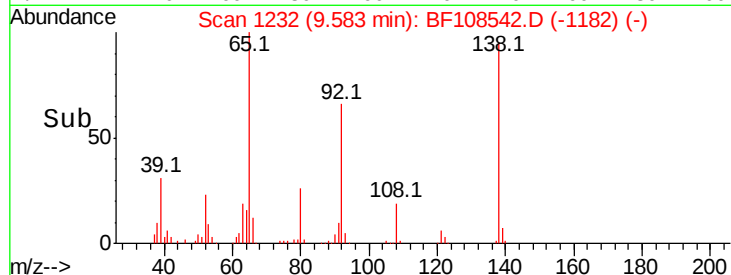
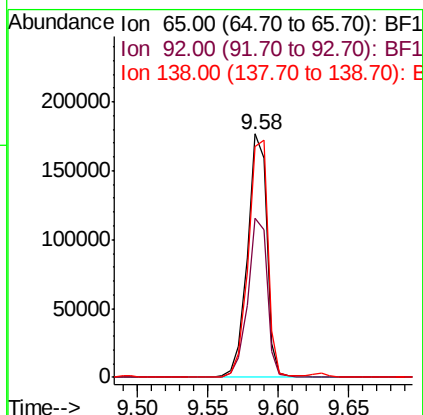
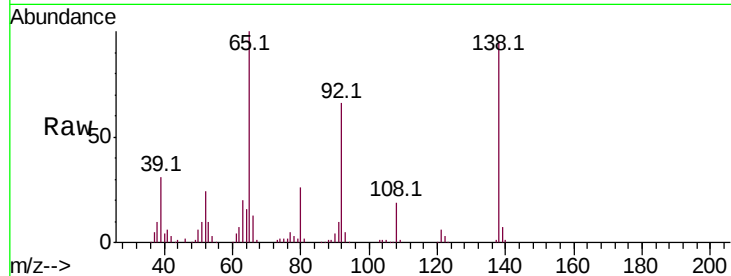




#47
2-Nitroaniline
Concen: 53.584 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

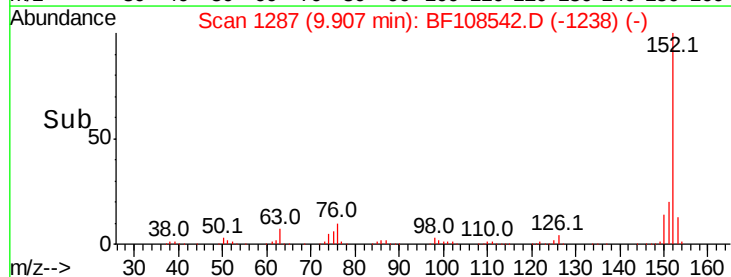
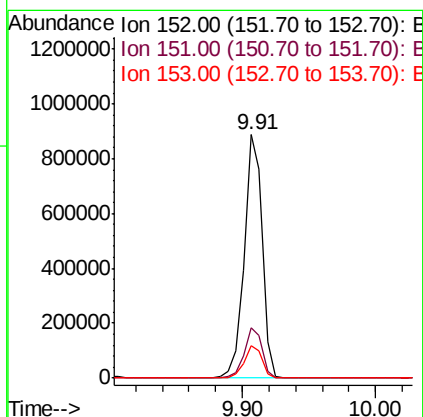
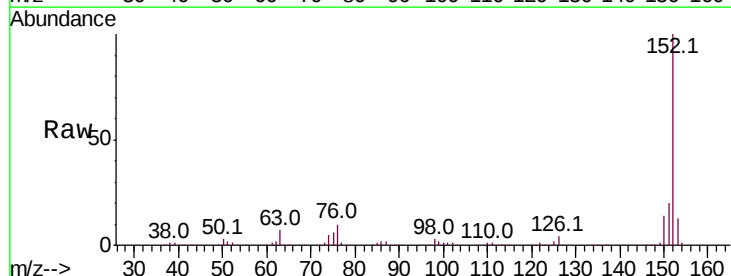
Instrument :
BNA_F
ClientSampleId :

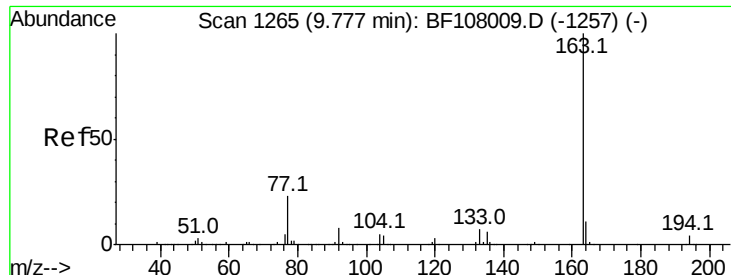
Tot Ion: 65 Resp: 171081
Ion Ratio Lower Upper
65 100
92 65.5 55.8 83.6
138 94.6 91.2 136.8



#48
Acenaphthylene
Concen: 52.500 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion: 152 Resp: 818998
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.3 10.7 16.1

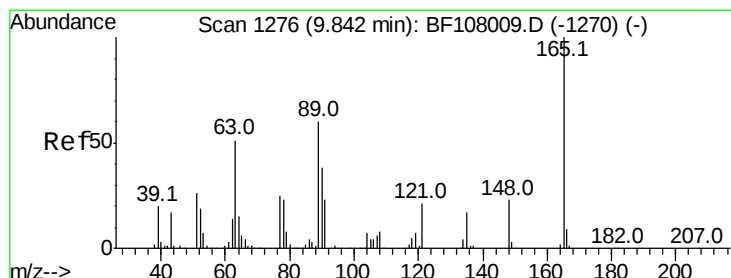
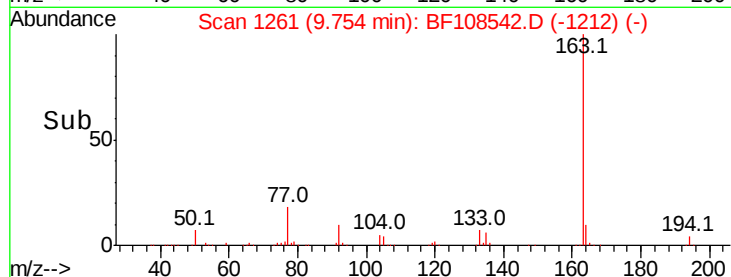
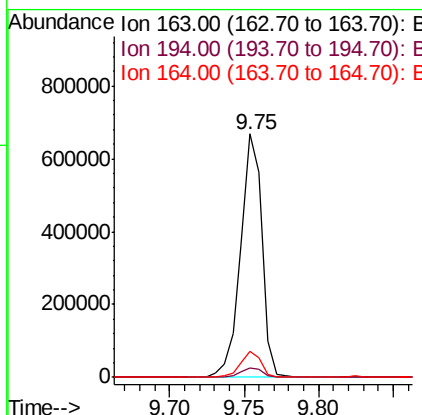
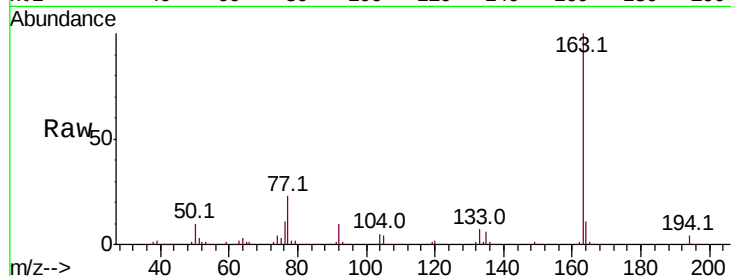




#49
 Dimethylphthalate
 Concen: 56.314 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

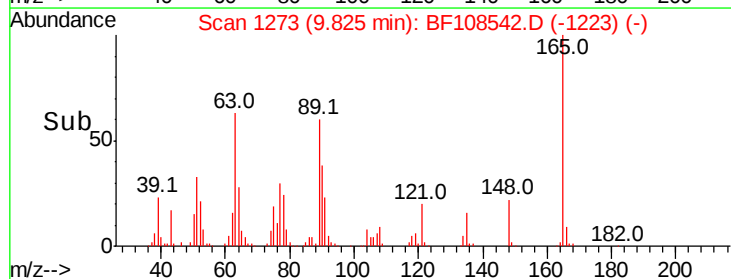
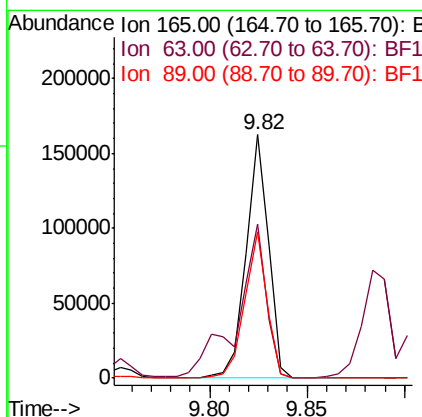
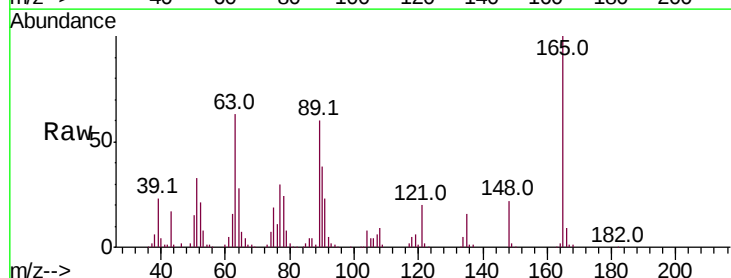
Instrument :
 BNA_F
 ClientSampleId :

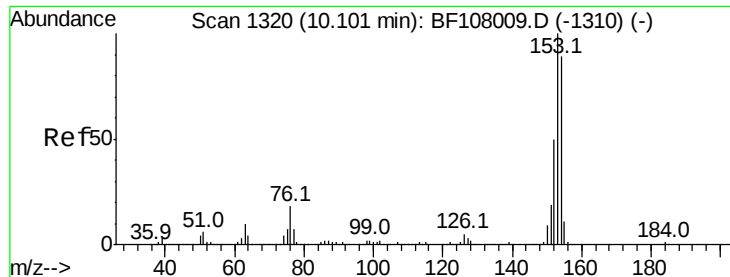
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



#50
 2,6-Dinitrotoluene
 Concen: 52.287 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.3	44.7	67.1
89	60.0	44.0	66.0





#51

Acenaphthene

Concen: 50.150 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

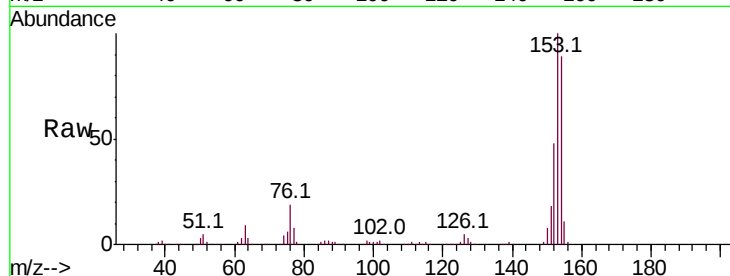
Tot Ion:154 Resp: 479180

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

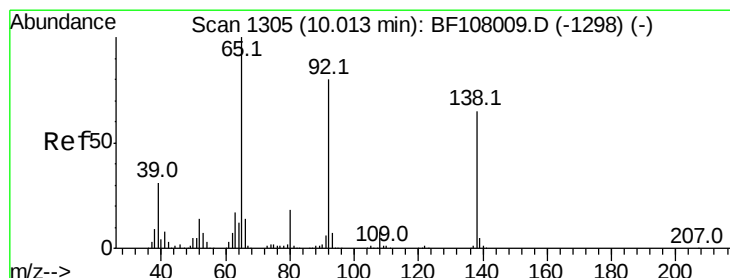
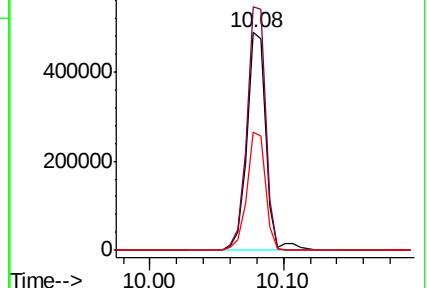
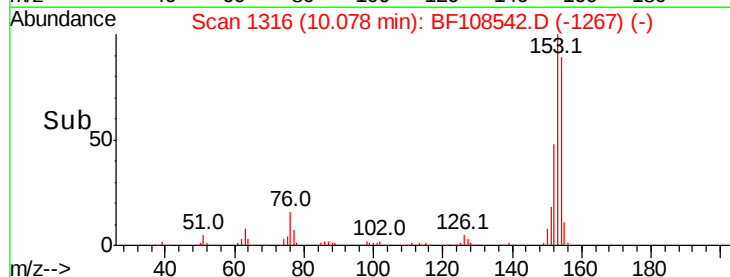
152 54.2 43.8 65.8



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: 26.473 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

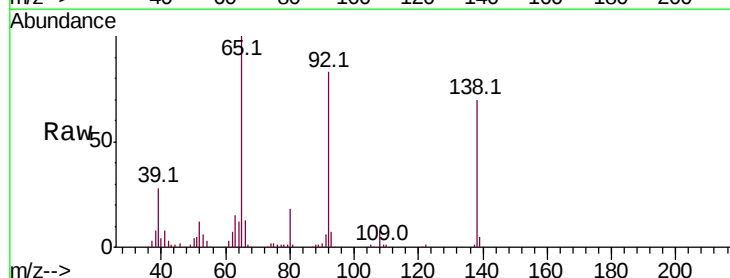
Tgt Ion:138 Resp: 71481

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

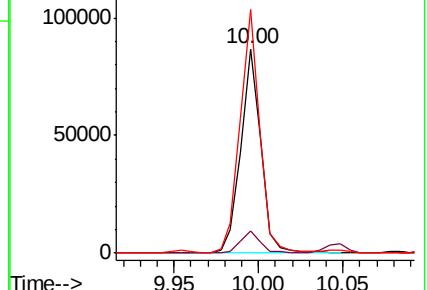
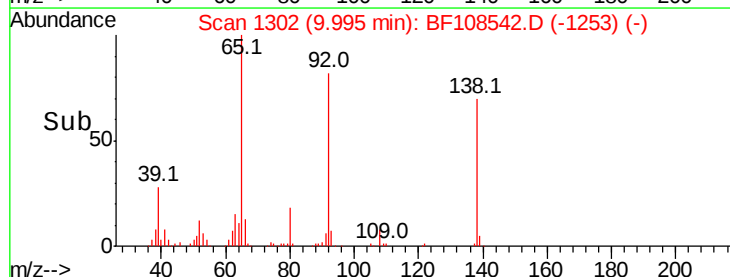
92 119.2 89.4 134.2

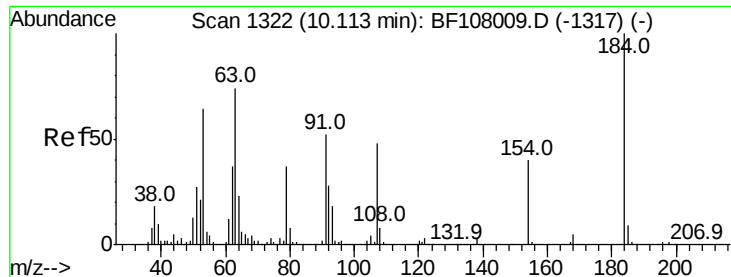


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

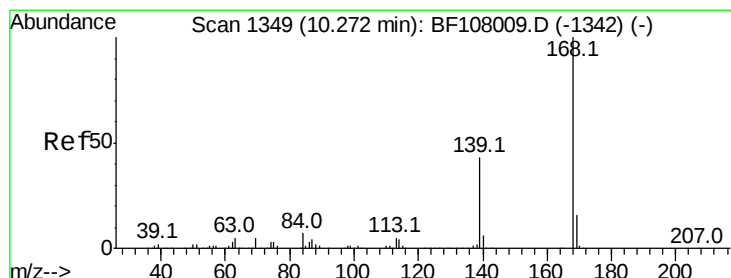
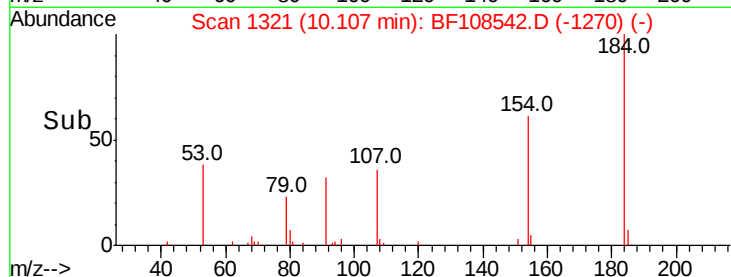
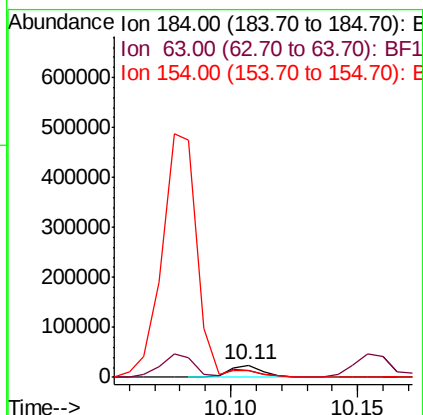
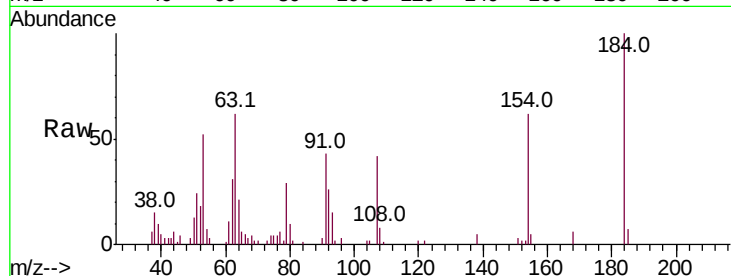




#53
 2,4-Dinitrophenol
 Concen: 30.014 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

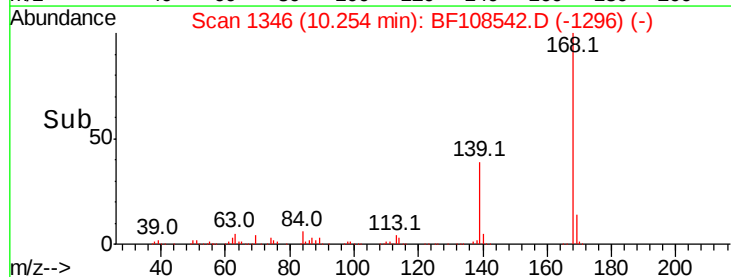
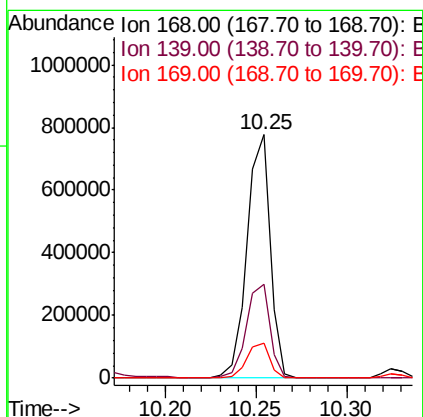
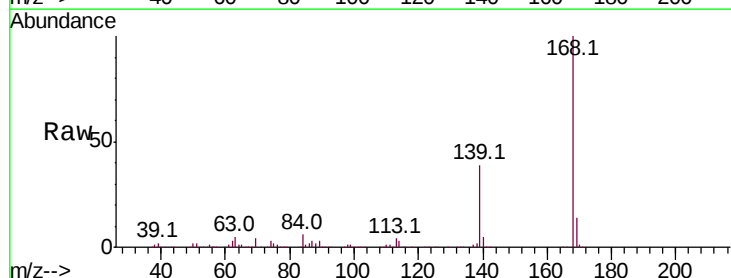
Instrument :
 BNA_F
 ClientSampleId :

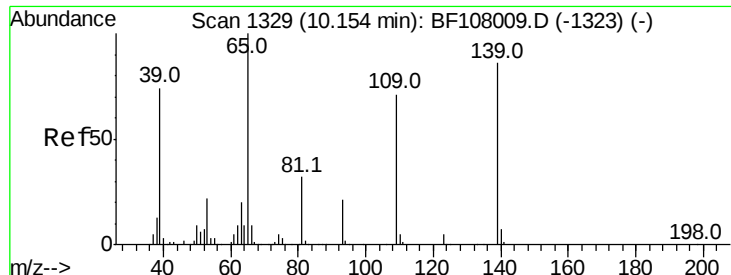
Tot Ion:184 Resp: 23279
 Ion Ratio Lower Upper
 184 100
 63 62.3 54.2 81.2
 154 62.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 49.900 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:168 Resp: 690763
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 14.3 10.9 16.3

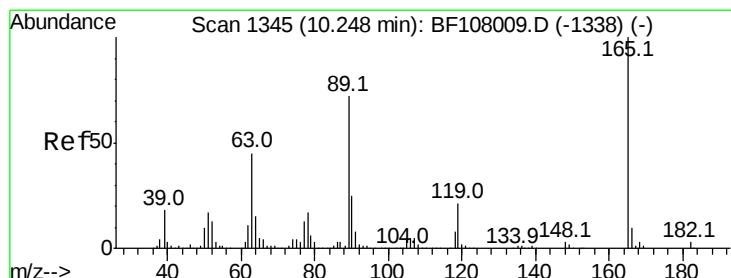
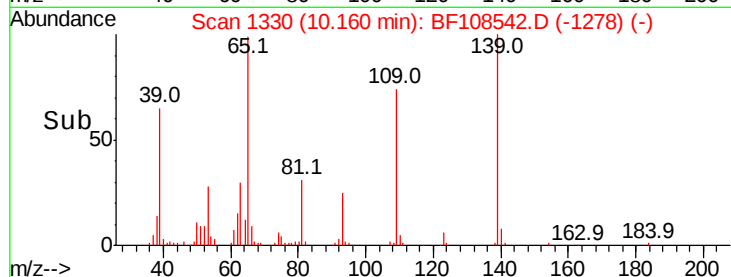
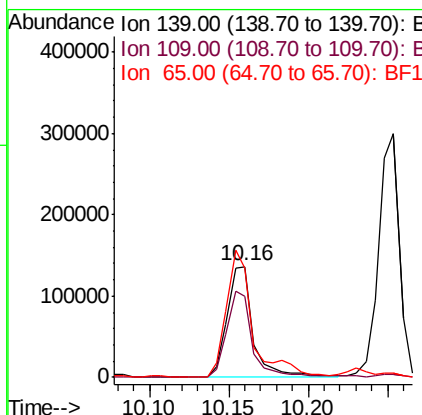
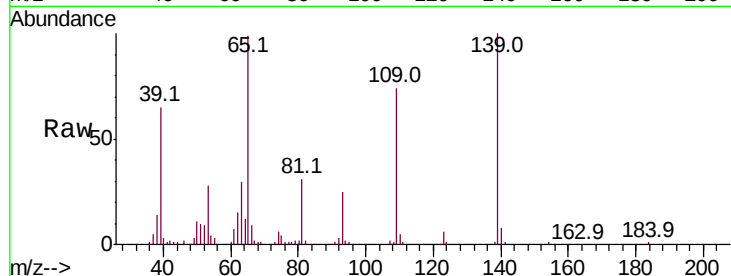




#55
4-Nitrophenol
Concen: 76.828 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

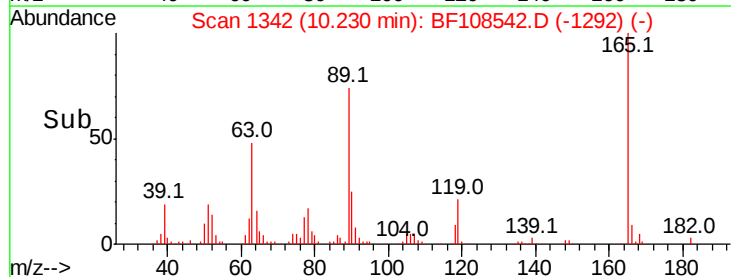
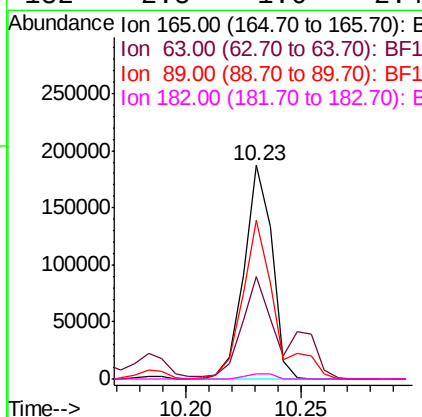
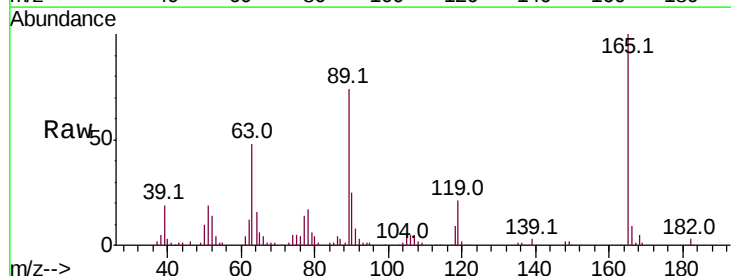
Instrument :
BNA_F
ClientSampled :

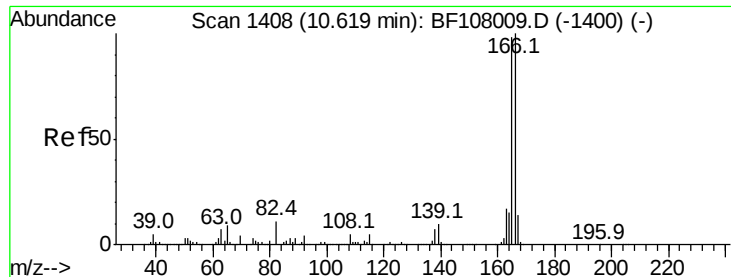
Tot Ion:139 Resp: 157089
Ion Ratio Lower Upper
139 100
109 73.6 48.4 88.4
65 98.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.296 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion:165 Resp: 159768
Ion Ratio Lower Upper
165 100
63 48.0 36.4 54.6
89 74.1 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 48.698 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

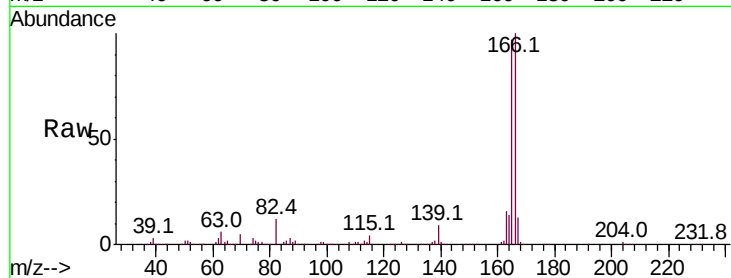
Tot Ion:166 Resp: 533649

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

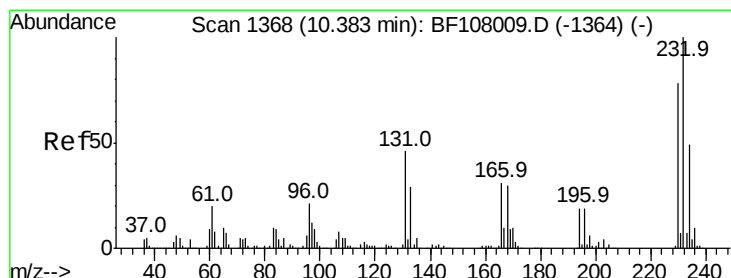
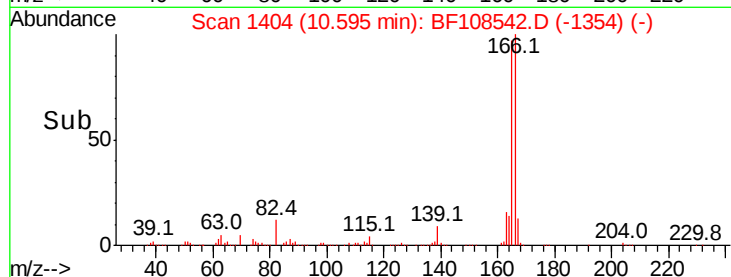
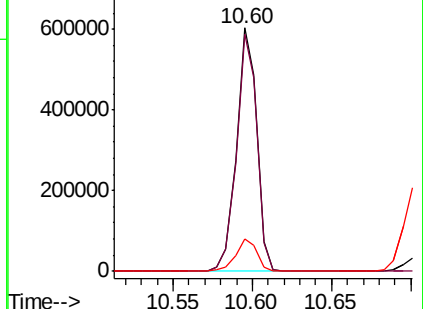
167 13.4 10.6 16.0



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: 45.535 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:232 Resp: 135196

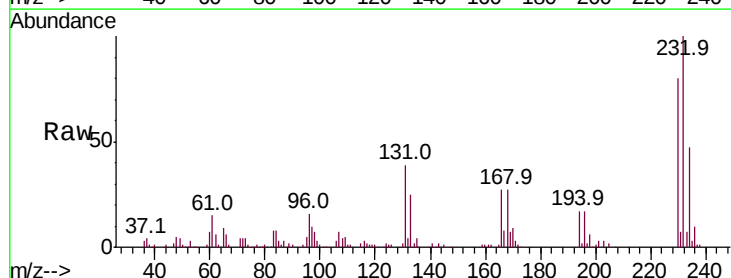
Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 2.3 2.1 3.1

166 29.2 27.8 41.6

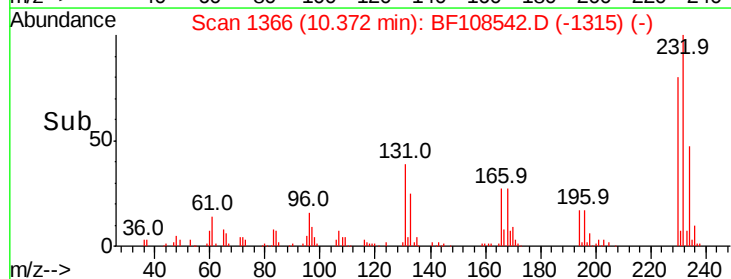
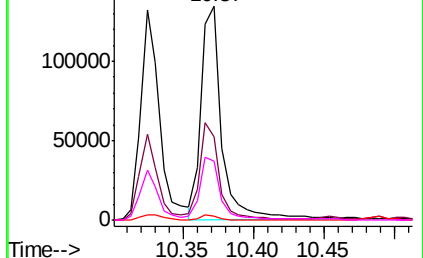


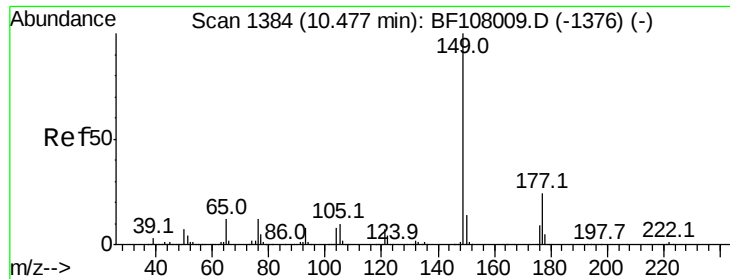
Abundance Ion 232.00 (231.70 to 232.70): E

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

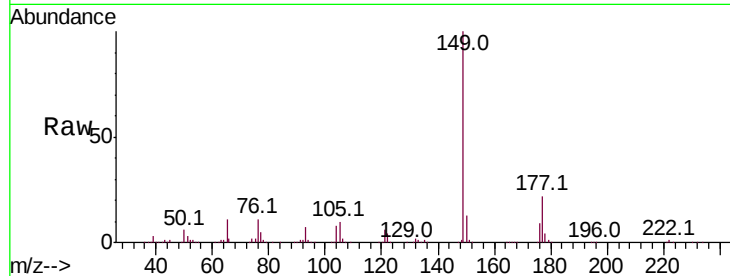




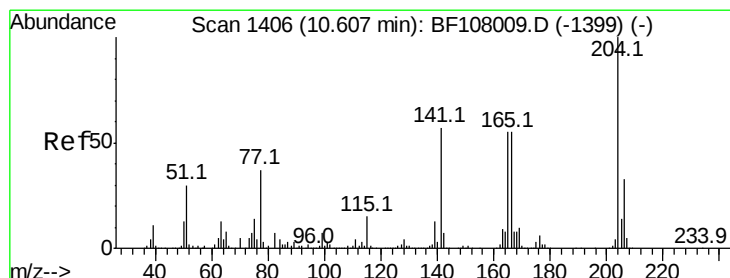
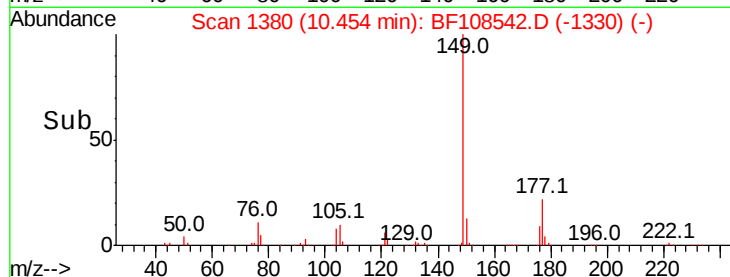
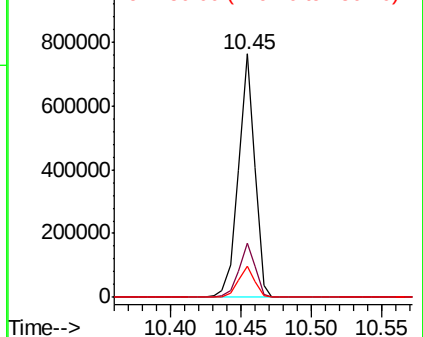
#59
Diethylphthalate
Concen: 53.715 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.6	10.1	15.1

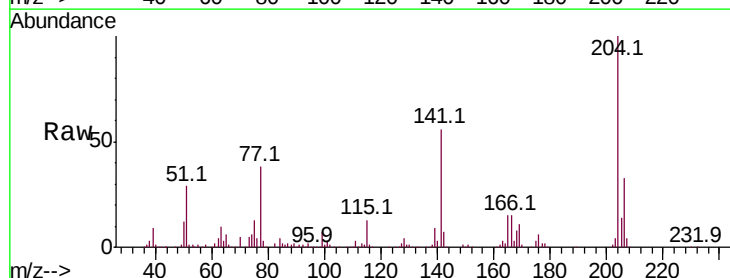


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

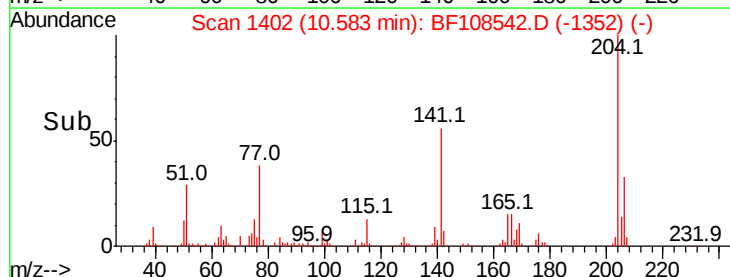
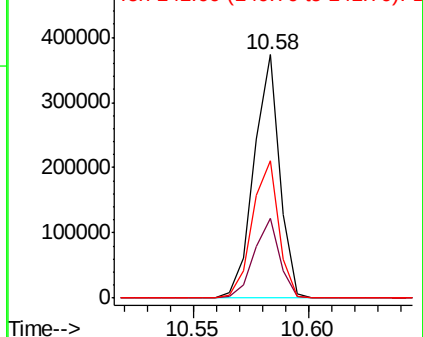


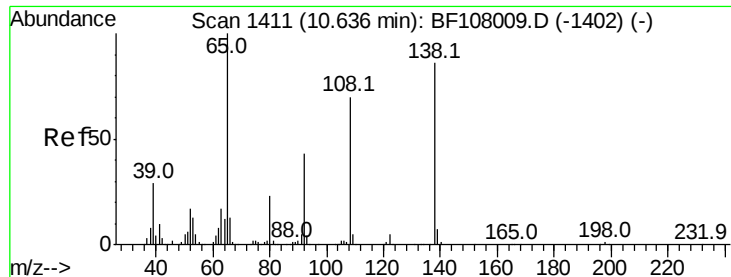
#60
4-Chlorophenyl-phenylether
Concen: 50.888 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	56.3	54.6	81.8



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

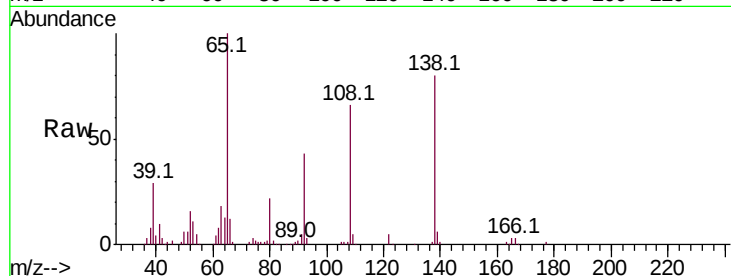




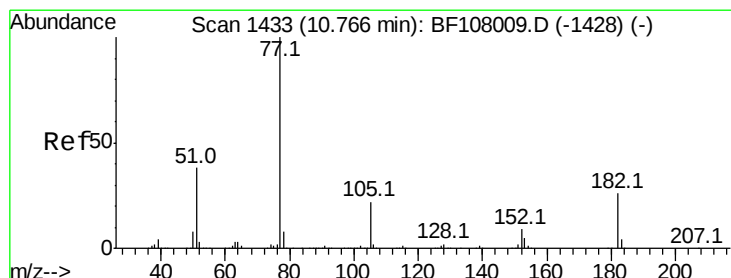
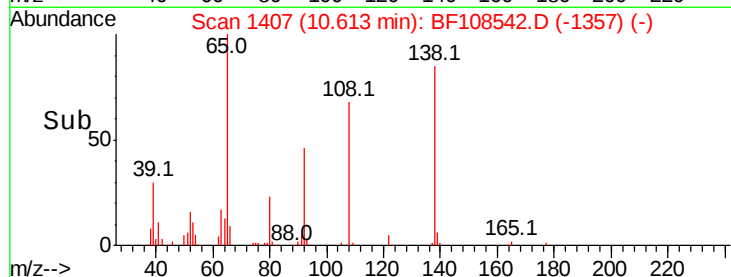
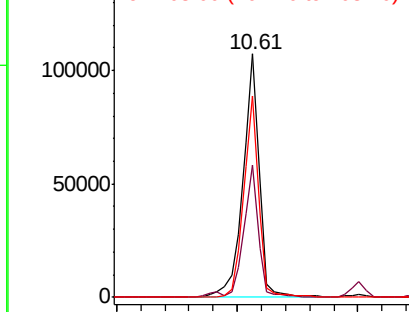
#61
4-Nitroaniline
Concen: 37.931 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101258
Ion Ratio Lower Upper
138 100
92 54.3 30.2 70.2
108 82.7 52.5 92.5

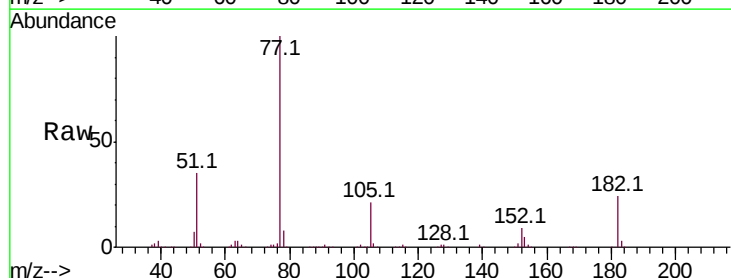


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

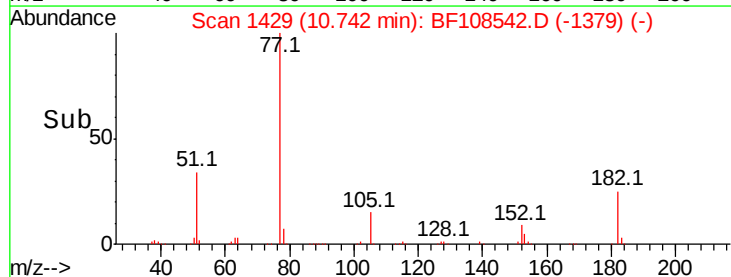
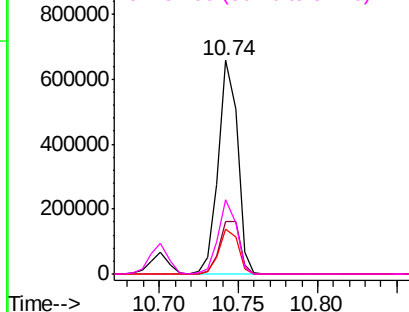


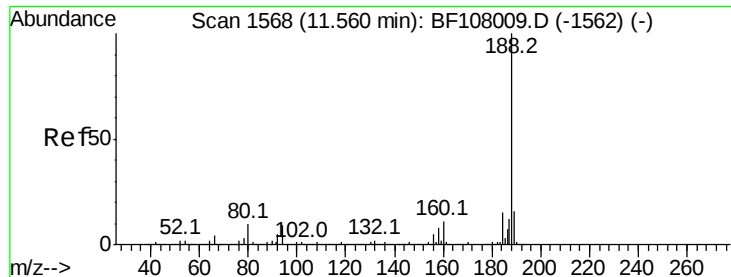
#62
Azobenzene
Concen: 47.204 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion: 77 Resp: 556808
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 20.7 3.0 43.0
51 34.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

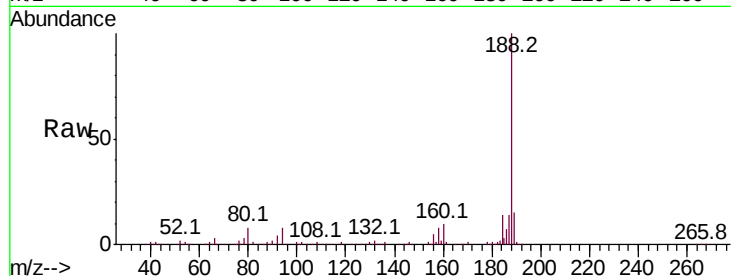
Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 276954

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.4	9.2	13.8#

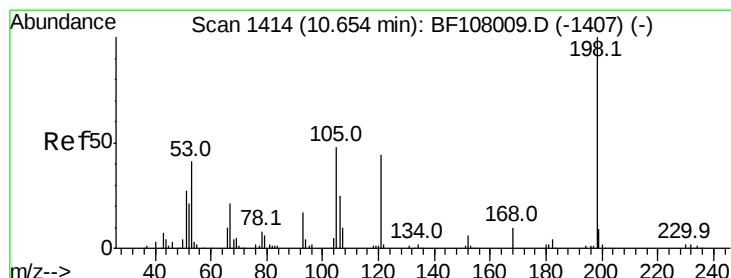
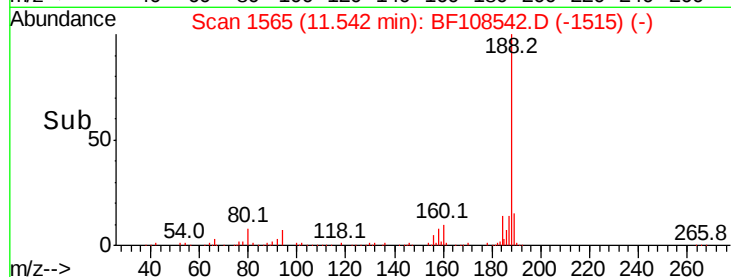
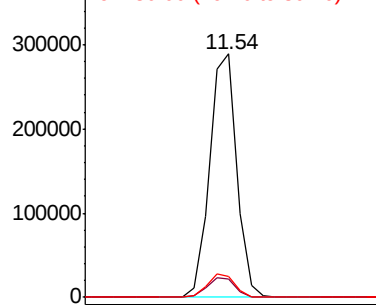


Abundance

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: 23.268 ng

RT: 10.64 min Scan# 1412

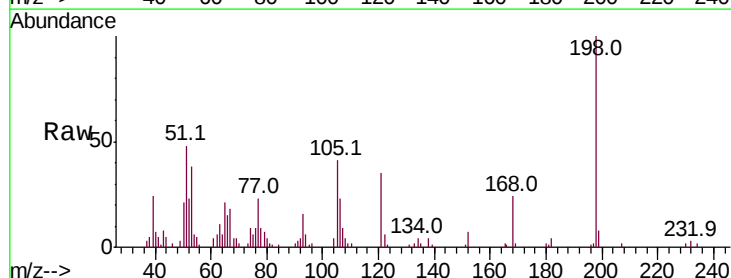
Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:198 Resp: 20962

Ion	Ratio	Lower	Upper
198	100		
51	47.9	37.7	77.7
105	41.3	36.3	76.3

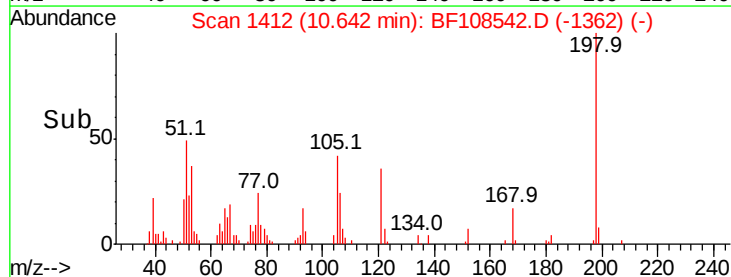
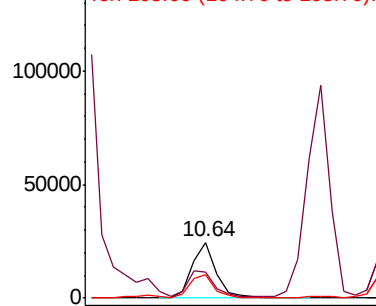


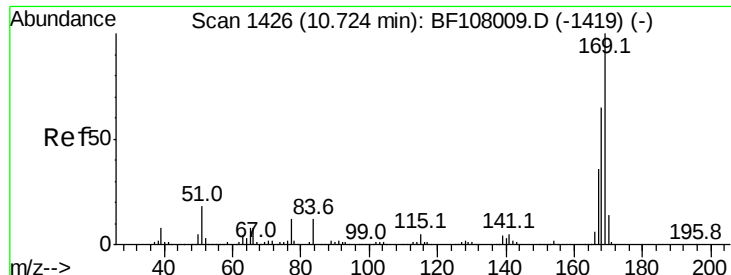
Abundance

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

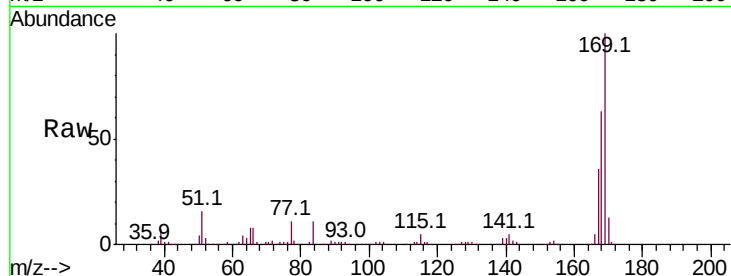




#65
n-Nitrosodiphenylamine
Concen: 59.238 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	35.7	29.8	44.6

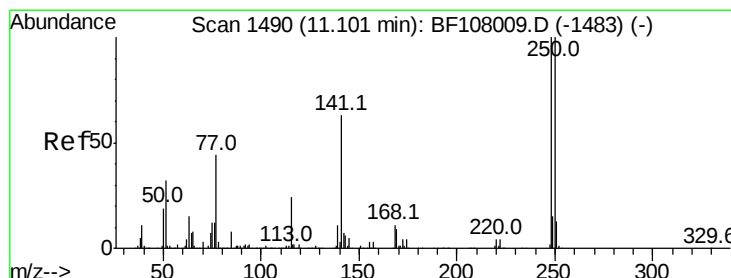
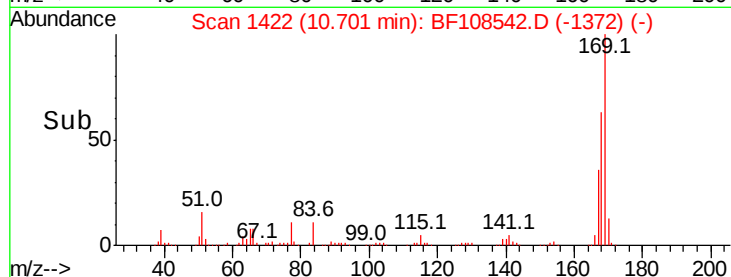
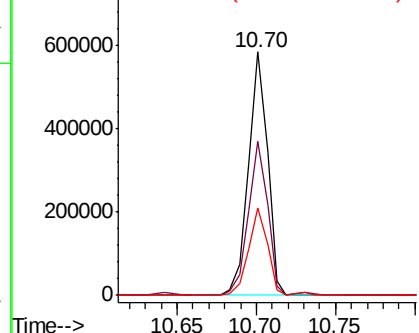


Abundance

Ion 169.00 (168.70 to 169.70): E

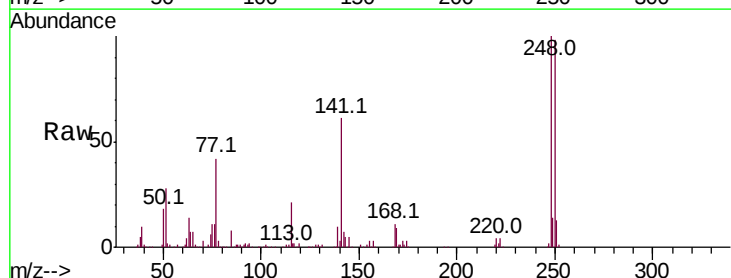
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 57.531 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	60.8	74.4	111.6

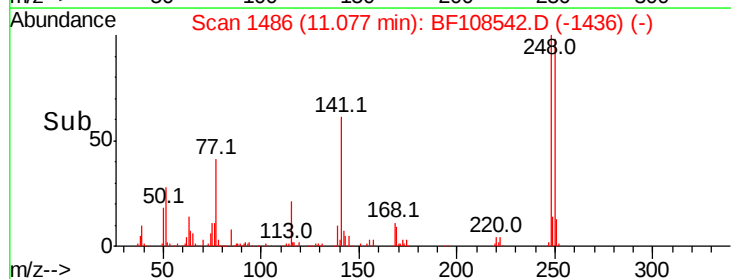
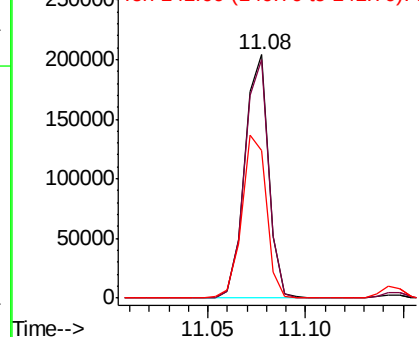


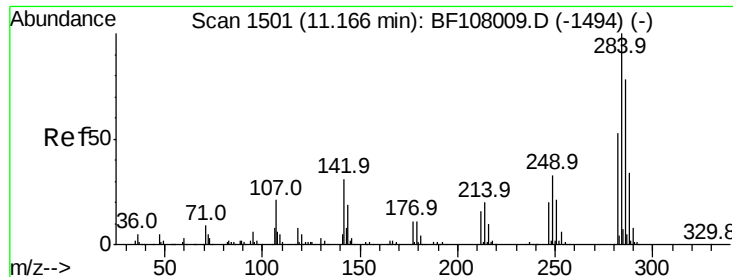
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

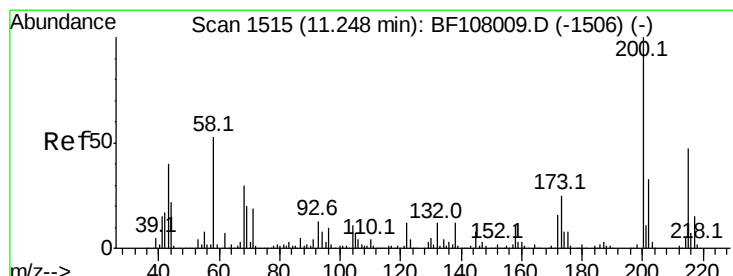
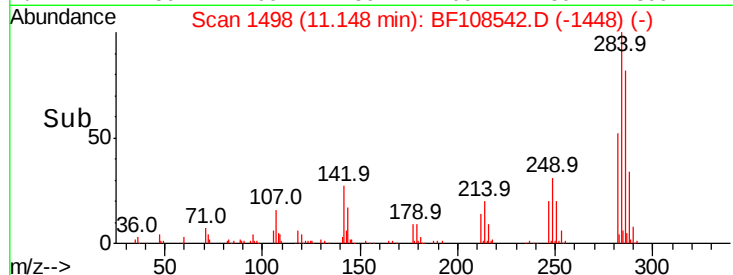
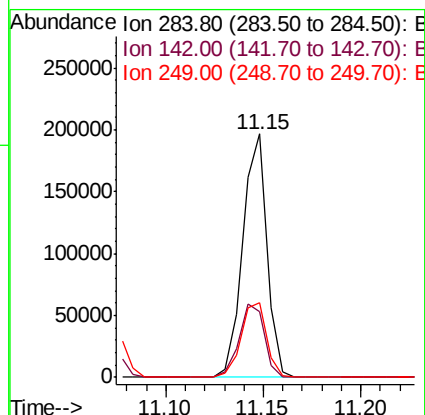
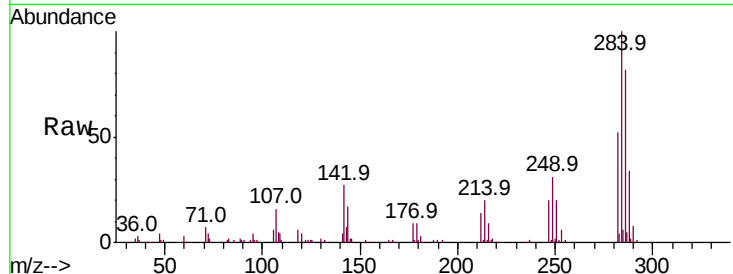




#67
Hexachlorobenzene
Concen: 53.522 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

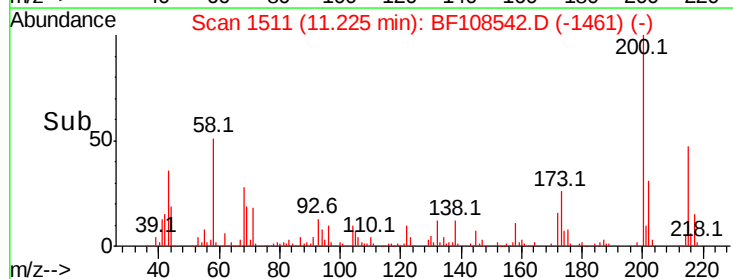
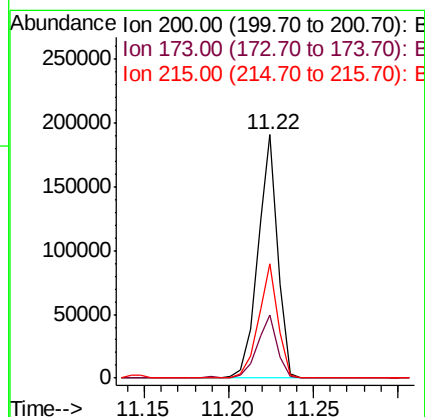
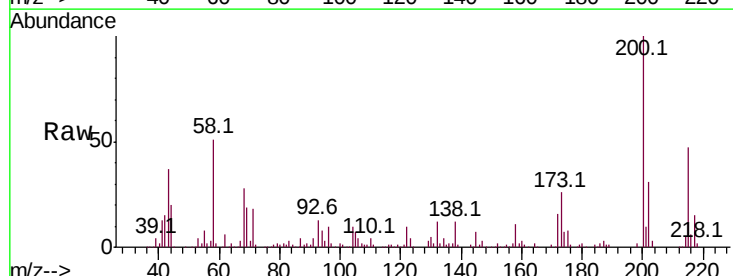
Instrument :
BNA_F
ClientSampled :

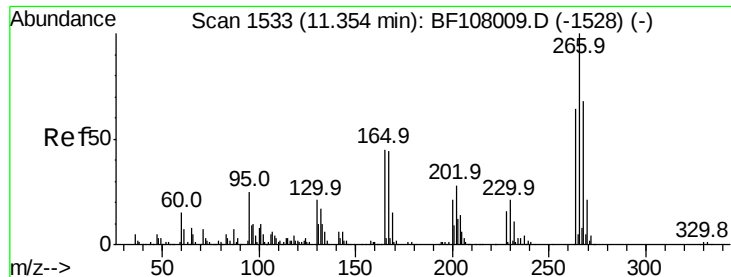
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.2	34.6	52.0#
249	30.6	24.8	37.2



#68
Atrazine
Concen: 56.723 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.6	48.6
215	46.9	25.1	65.1

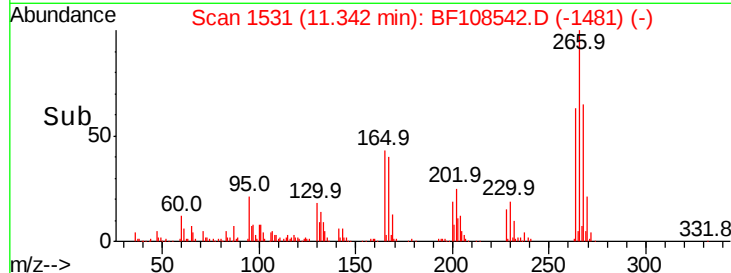
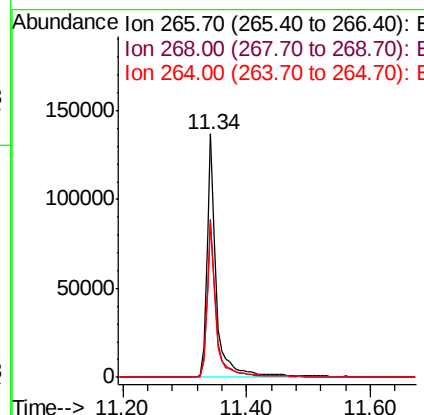
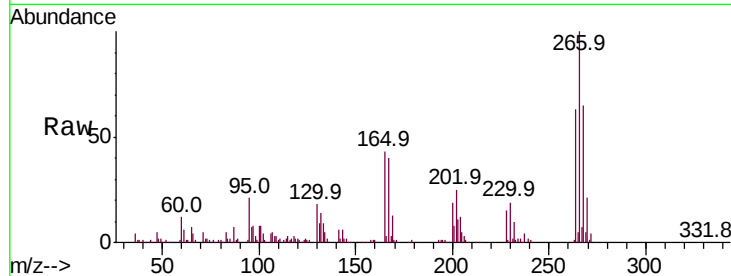




#69
 Pentachlorophenol
 Concen: 99.008 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

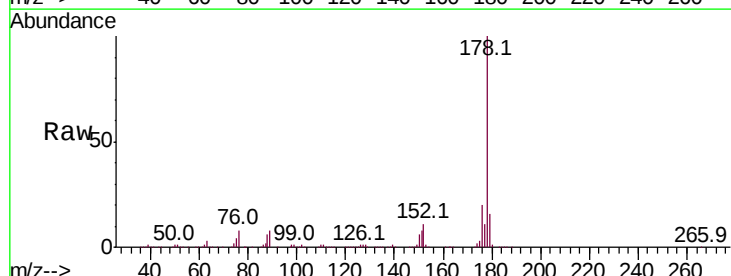
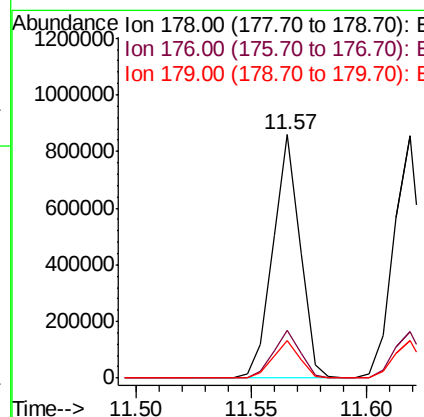
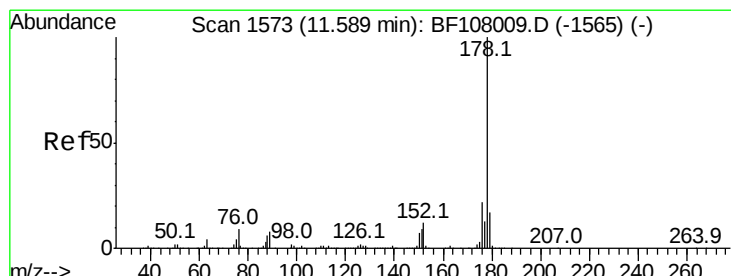
Instrument :
 BNA_F
 ClientSampleId :

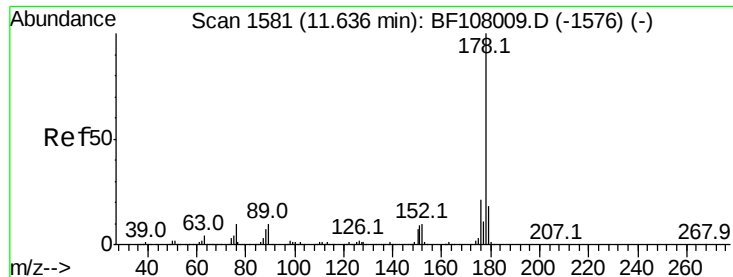
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 53.929 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6

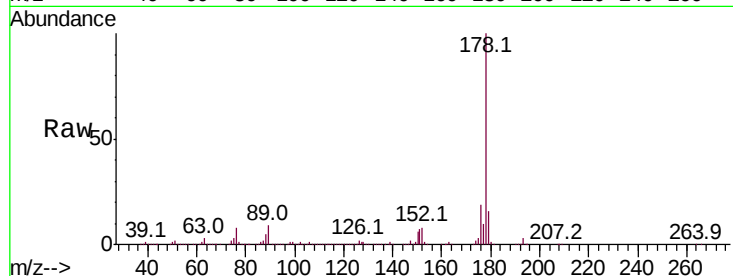




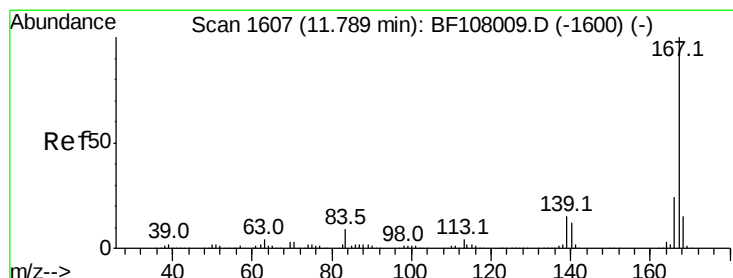
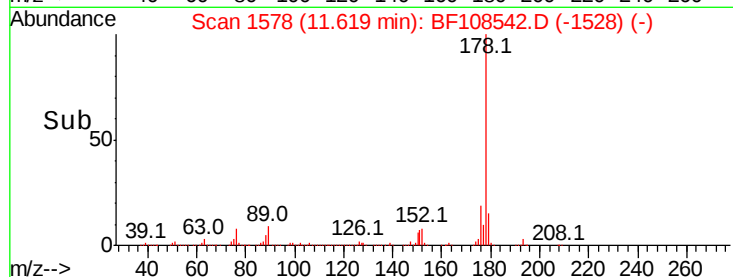
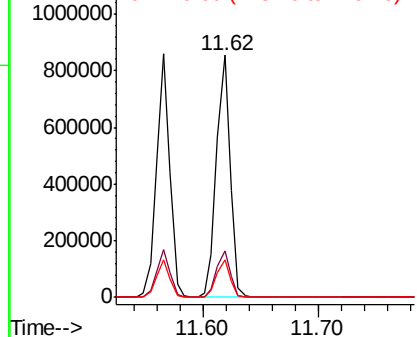
#71
 Anthracene
 Concen: 53.081 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 710682
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

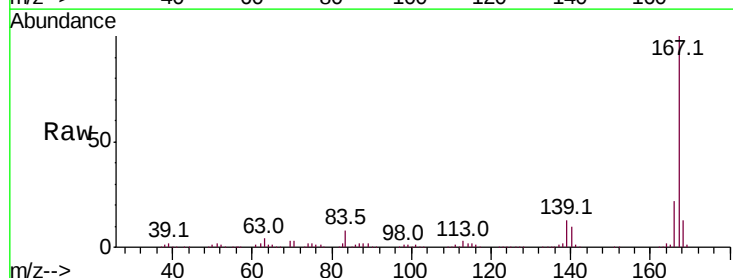


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

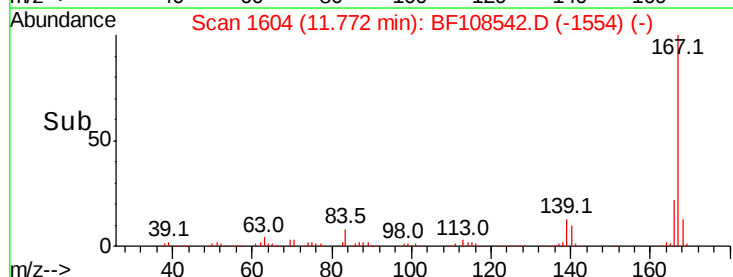
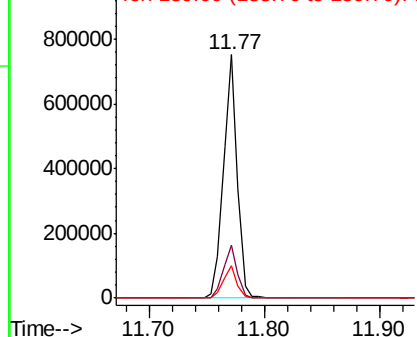


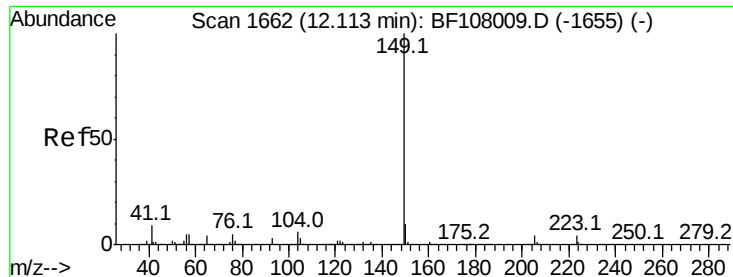
#72
 Carbazole
 Concen: 52.137 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:167 Resp: 620189
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3



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

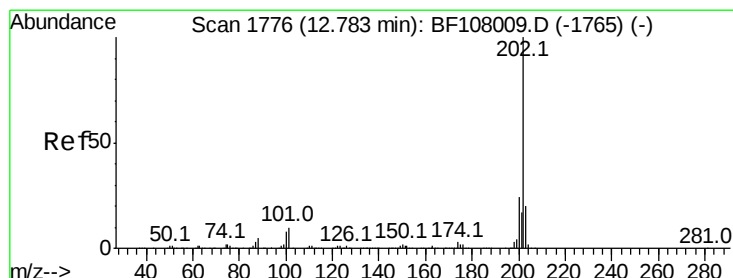
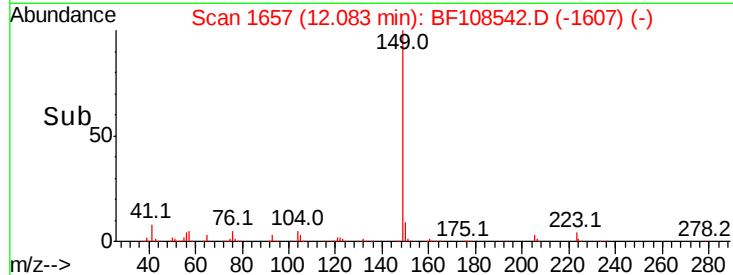
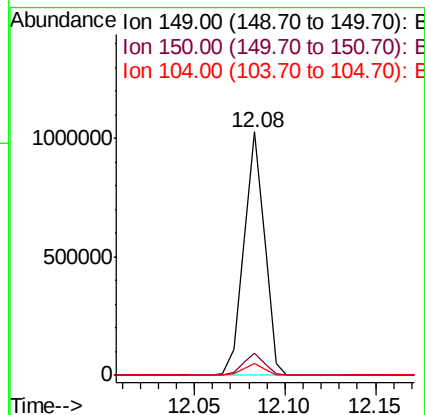
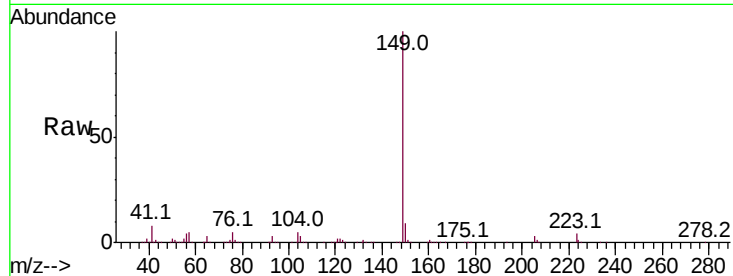




#73
Di-n-butylphthalate
Concen: 60.439 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

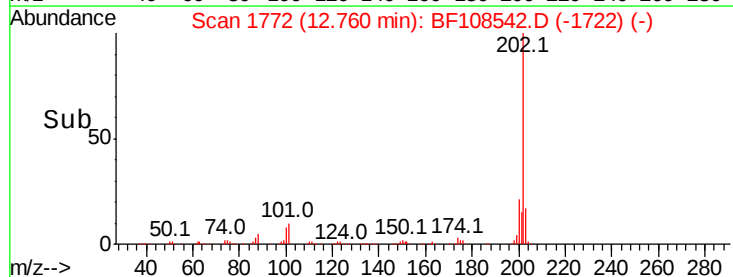
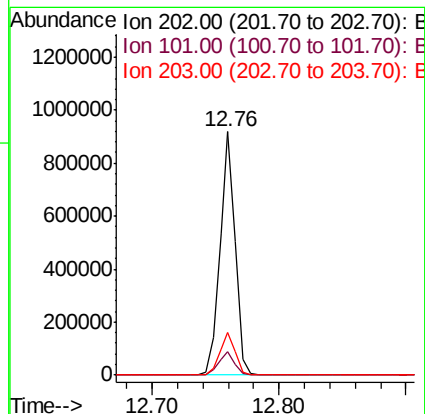
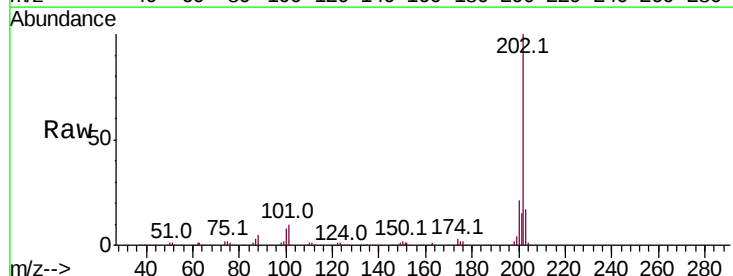
Instrument :
BNA_F
ClientSampled :

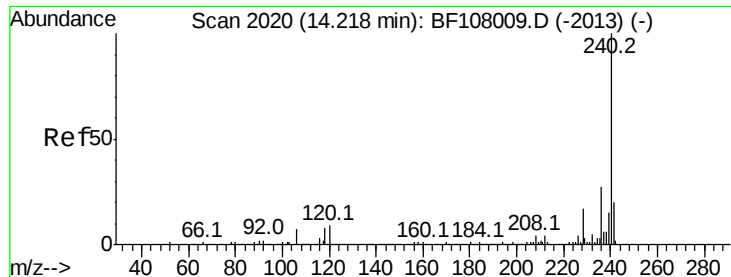
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	5.1	3.8	5.8



#74
Fluoranthene
Concen: 54.148 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

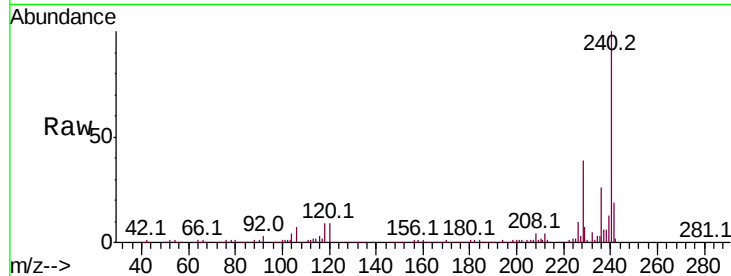
Tot Ion:240 Resp: 257395

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

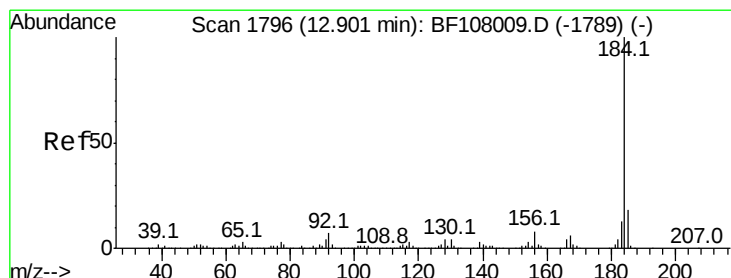
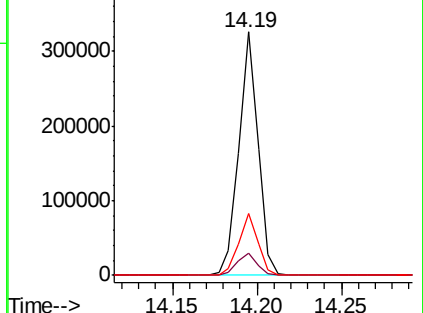
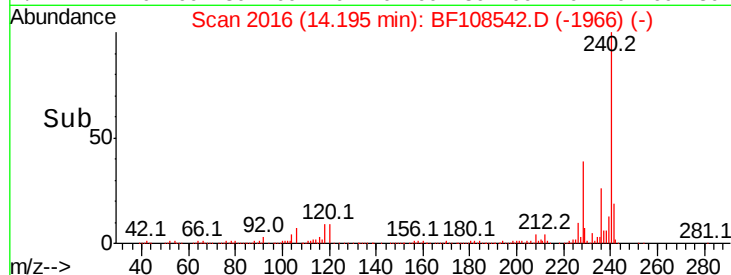
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.052 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

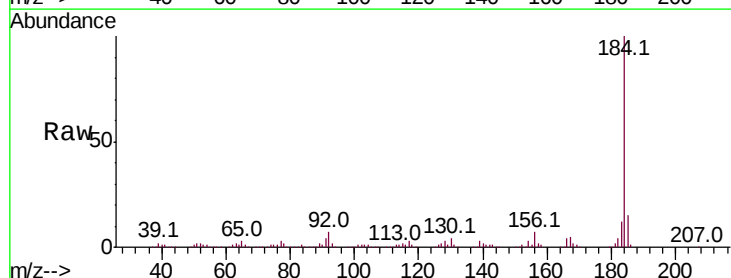
Tgt Ion:184 Resp: 414024

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

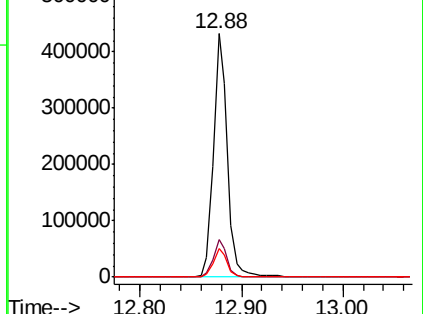
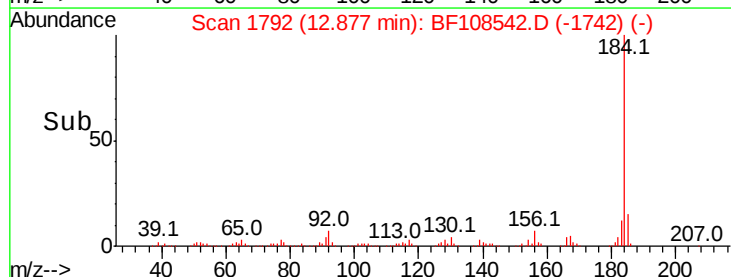
183 11.9 9.3 13.9

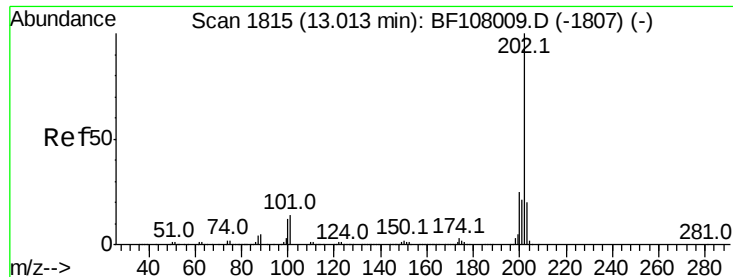


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

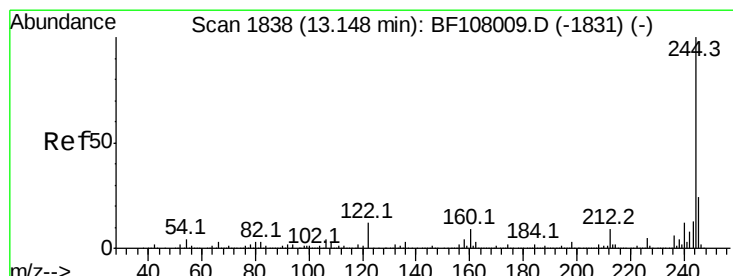
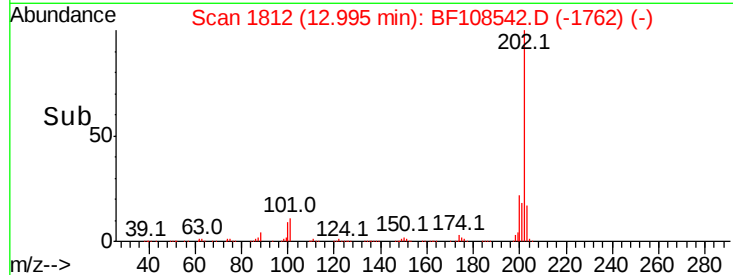
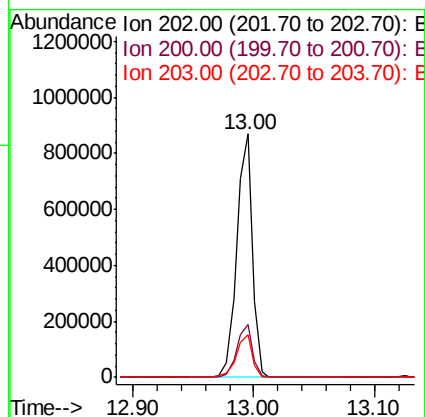
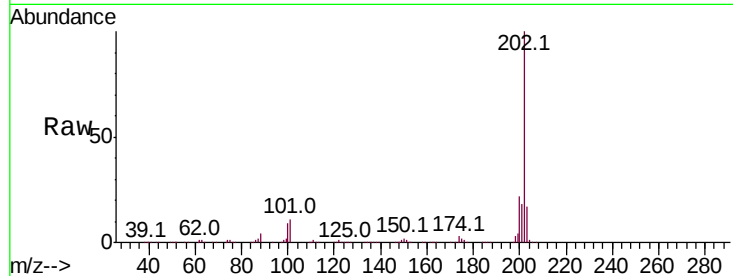




#77
Pvrene
Concen: 48.146 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

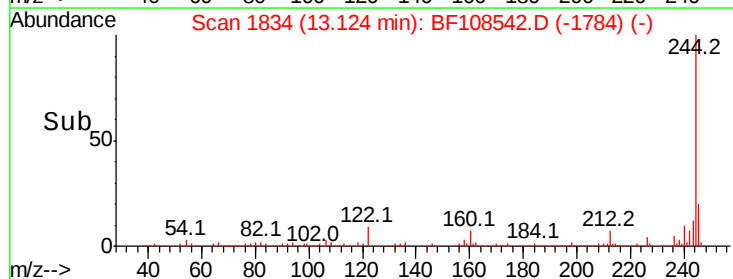
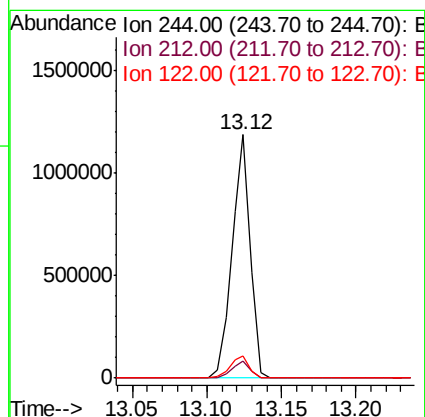
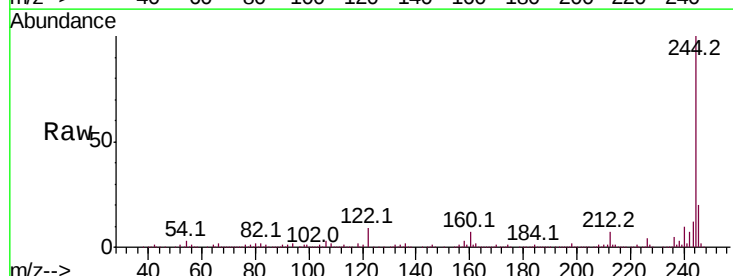
Instrument :
BNA_F
ClientSampled :

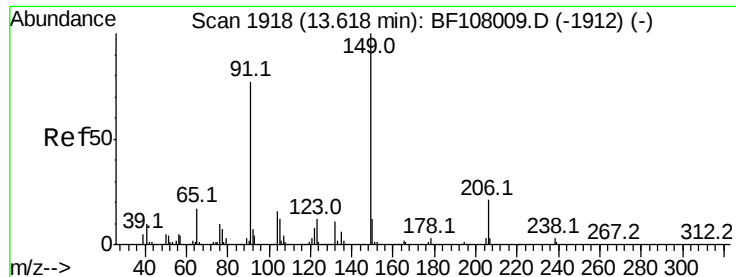
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5



#78
Terphenyl-d14
Concen: 100.867 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.4	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 52.533 ng

RT: 13.59 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampled :

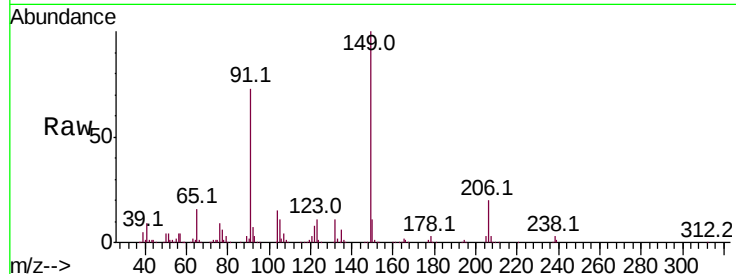
Tot Ion:149 Resp: 339927

Ion Ratio Lower Upper

149 100

91 73.5 56.8 85.2

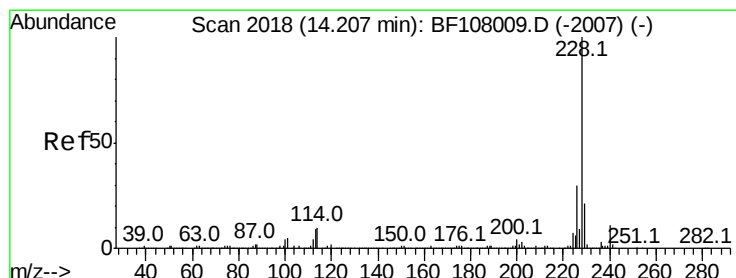
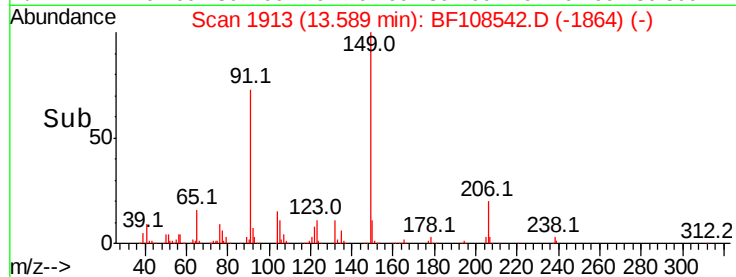
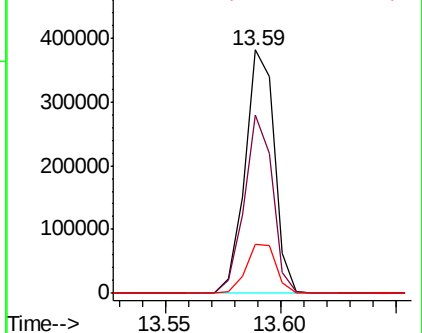
206 20.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.910 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

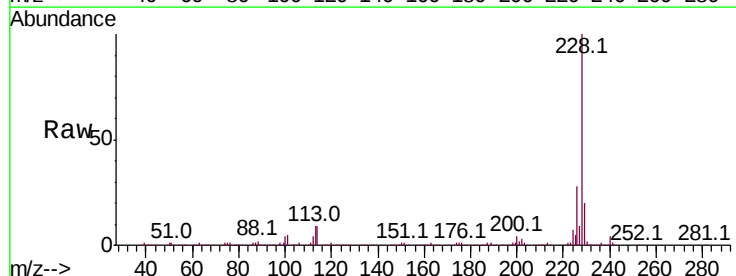
Tgt Ion:228 Resp: 766811

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

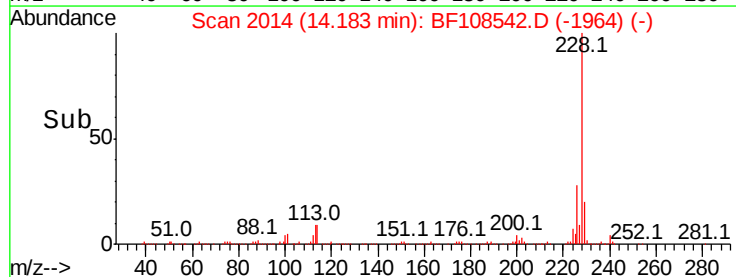
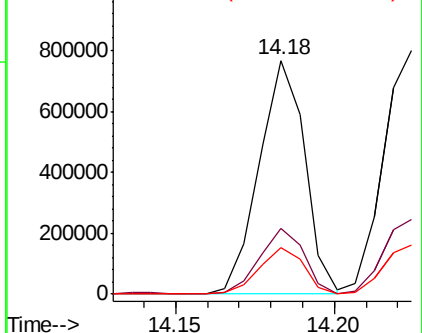
229 19.9 15.8 23.6

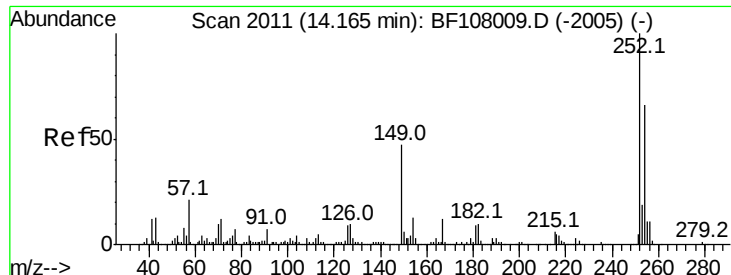


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

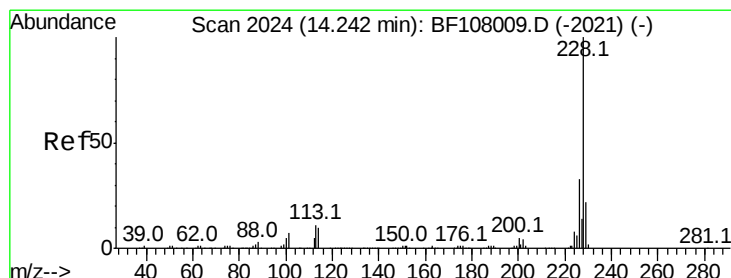
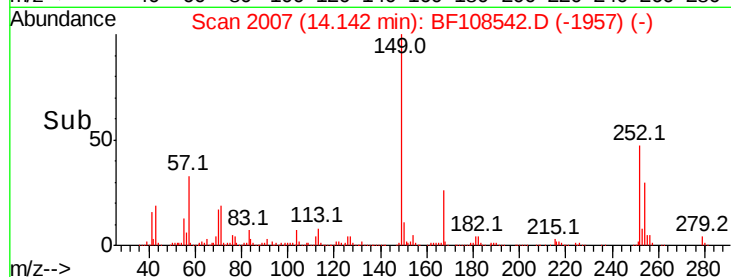
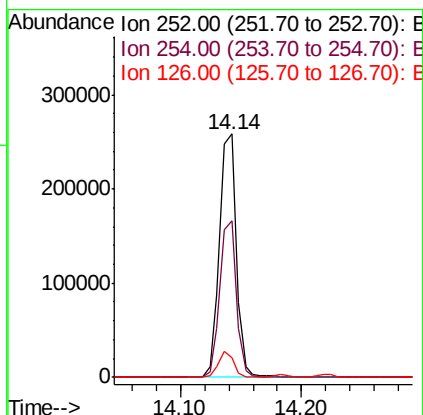
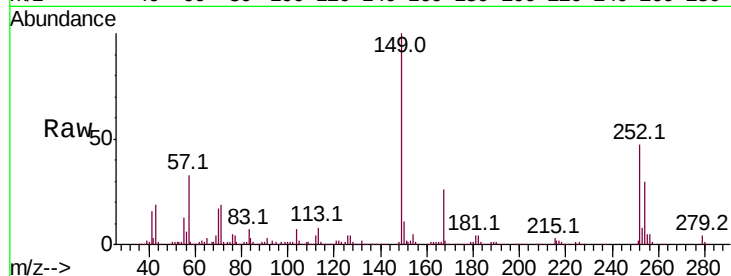




#81
 3,3'-Dichlorobenzidine
 Concen: 47.150 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

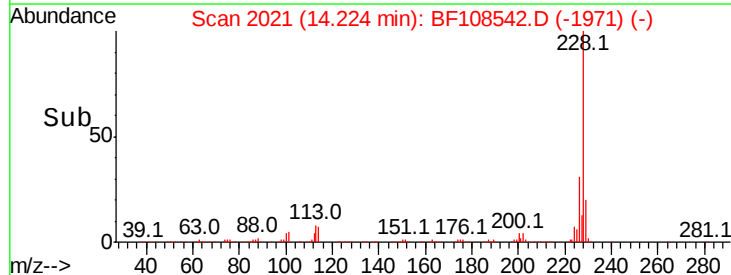
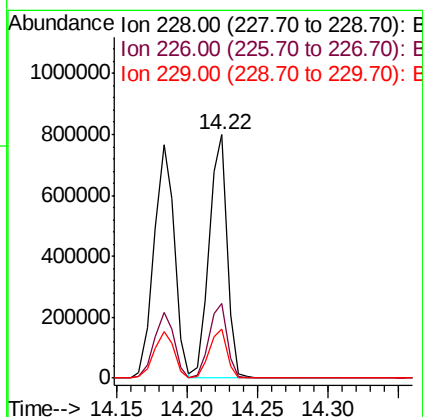
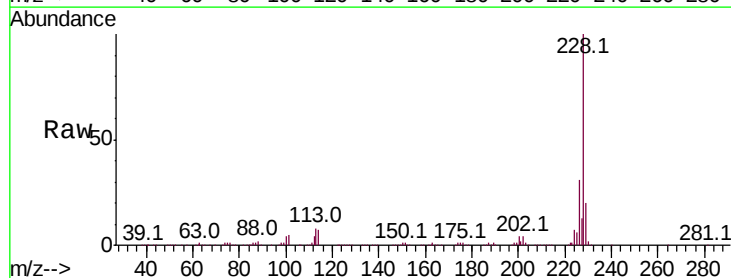
Instrument :
 BNA_F
 ClientSampleId :

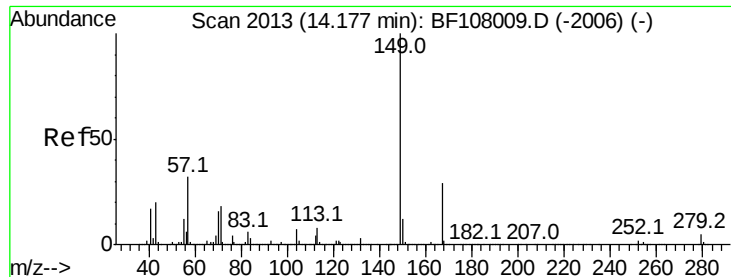
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	8.1	11.3	16.9



#82
 Chrysene
 Concen: 52.142 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.2	16.2	24.4

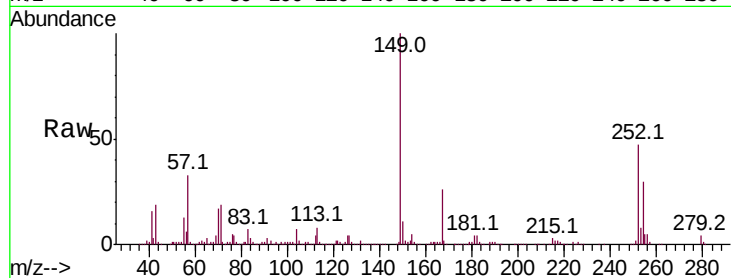




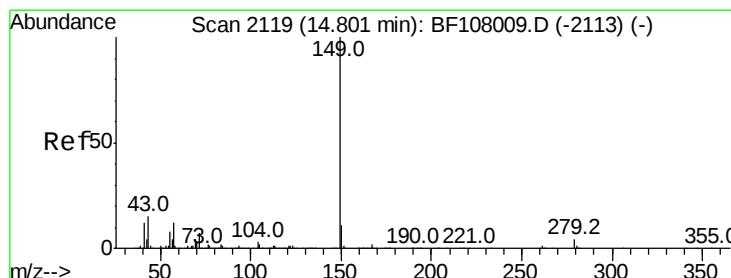
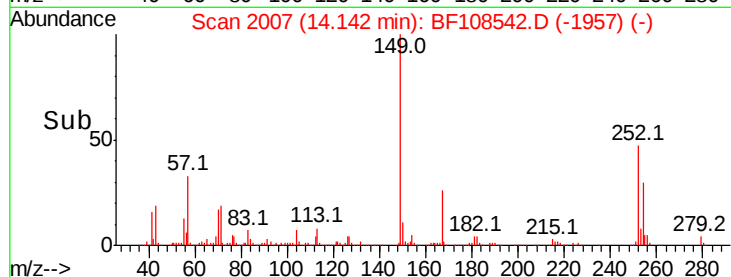
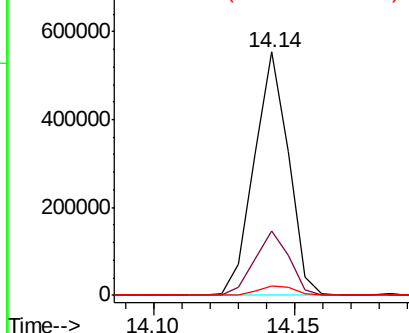
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.337 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.1	3.0	4.4

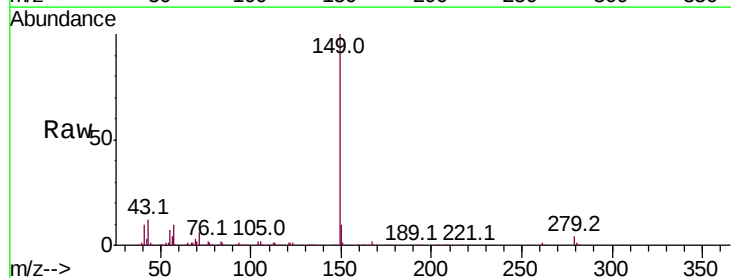


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

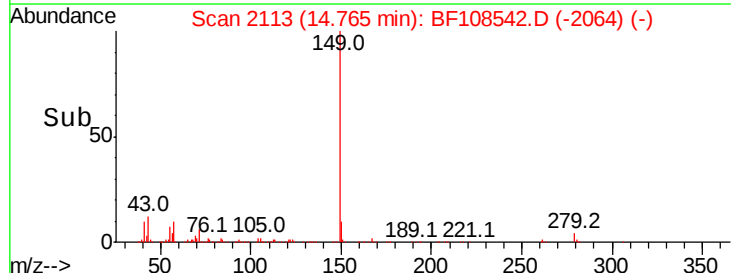
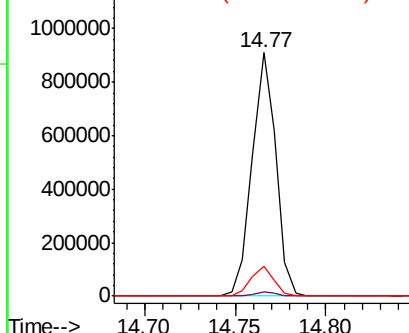


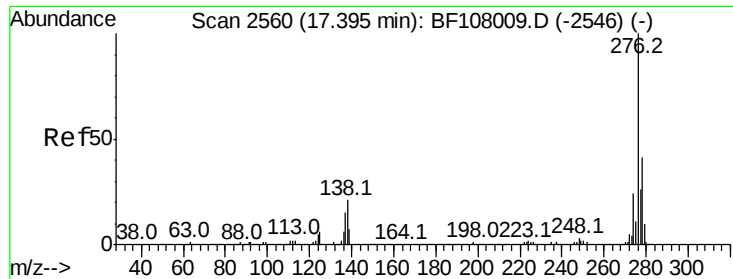
#84
 Di-n-octyl phthalate
 Concen: 62.224 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6



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

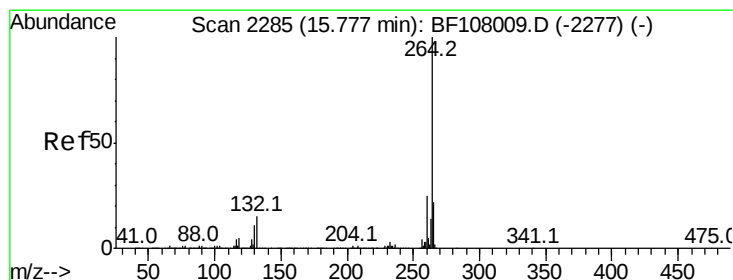
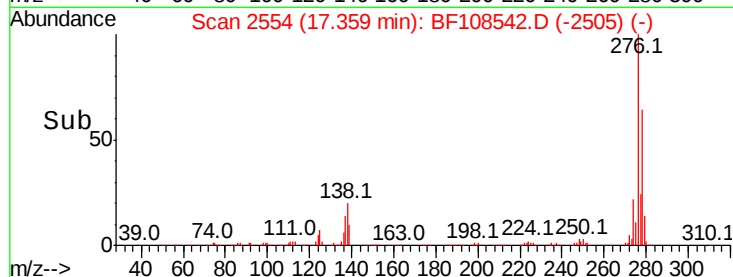
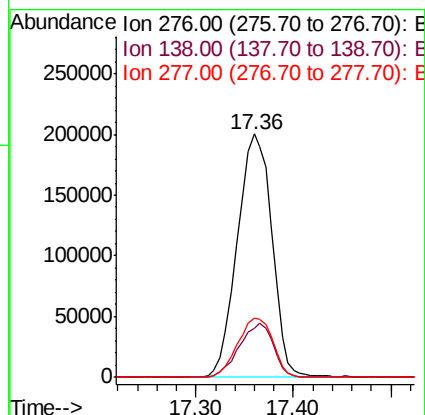
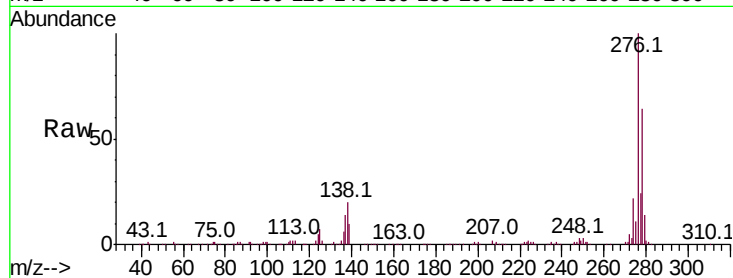




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.168 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

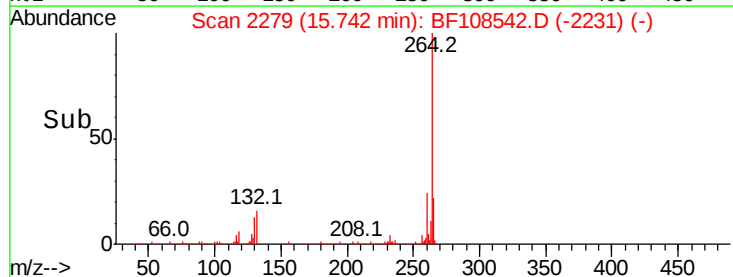
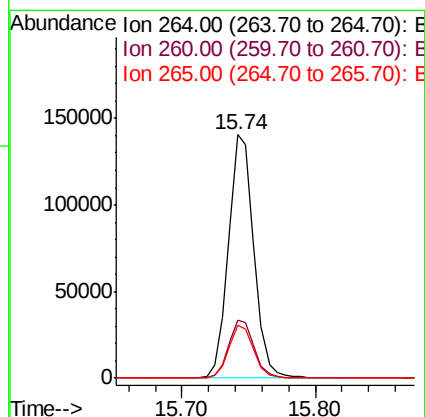
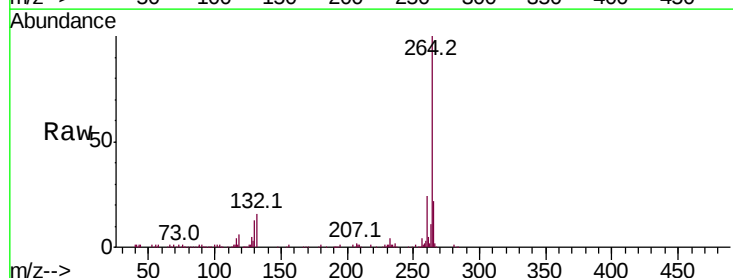
Instrument :
 BNA_F
 ClientSampled :

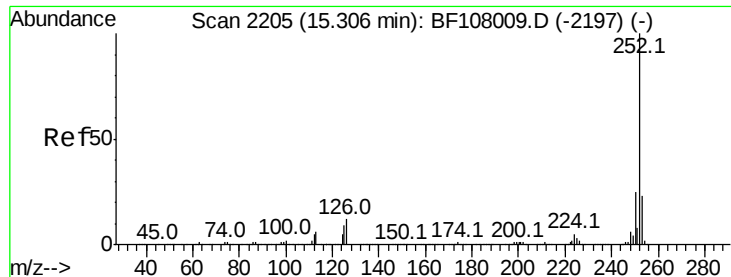
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

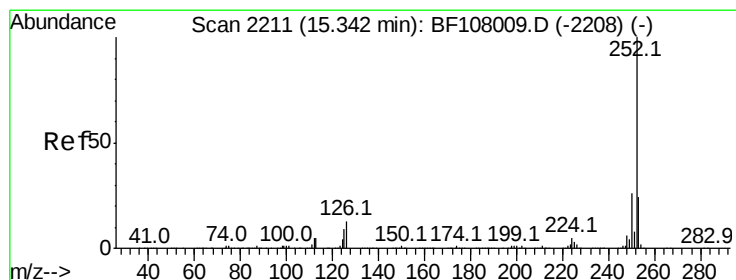
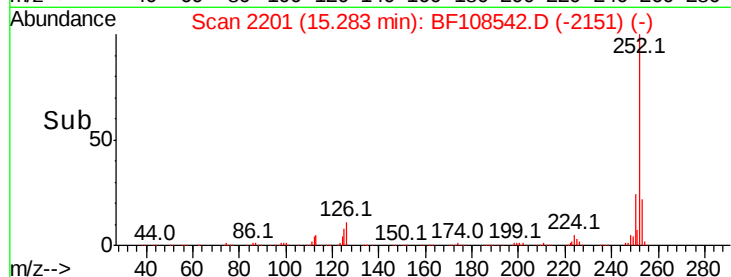
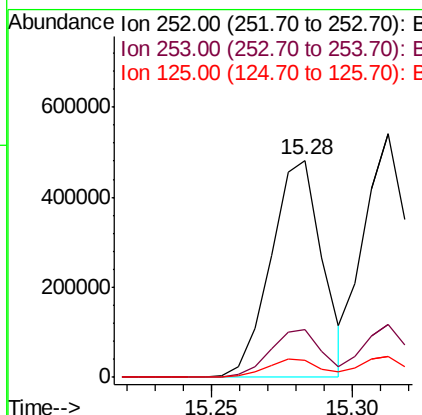
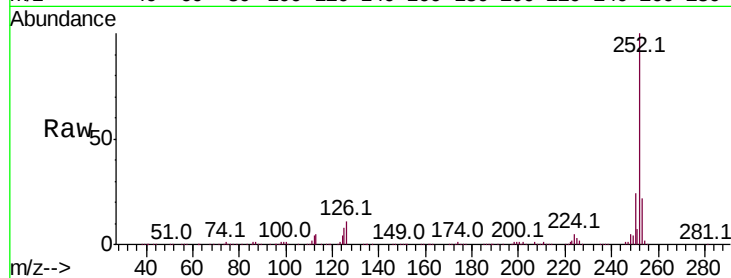




#87
Benzo(b)fluoranthene
Concen: 54.325 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

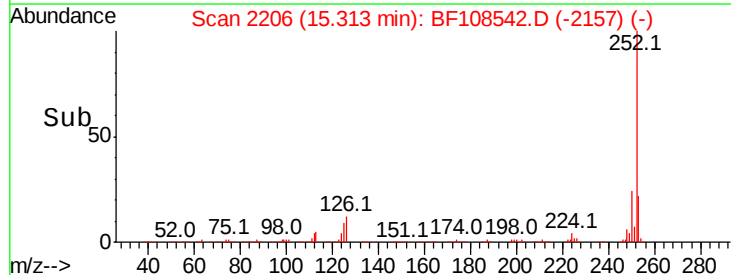
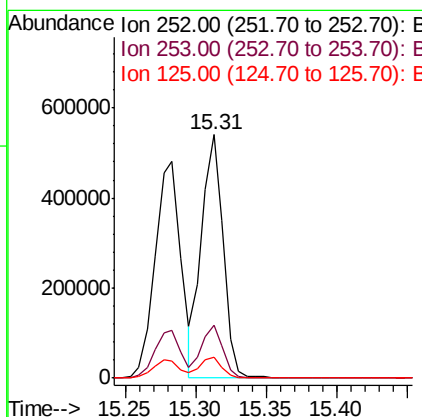
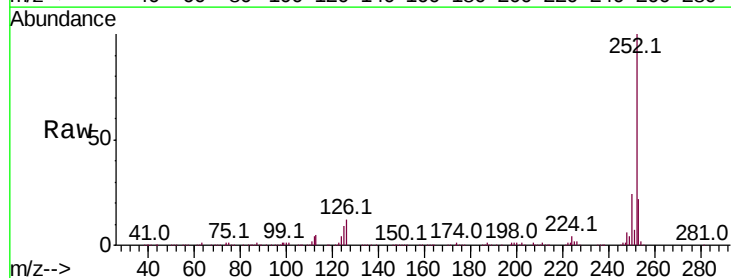
Instrument :
BNA_F
ClientSampleId :

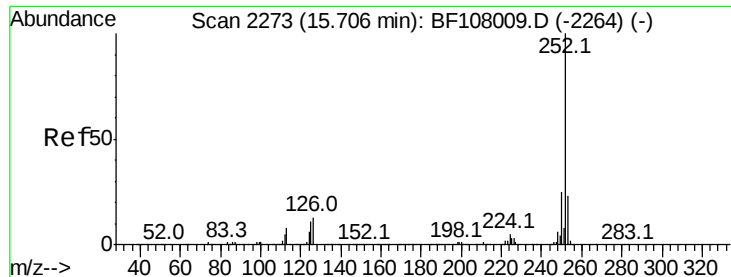
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.0	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 55.903 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.7	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 52.208 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

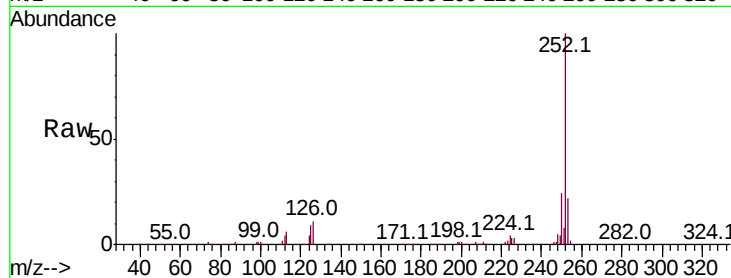
Tot Ion:252 Resp: 524600

Ion Ratio Lower Upper

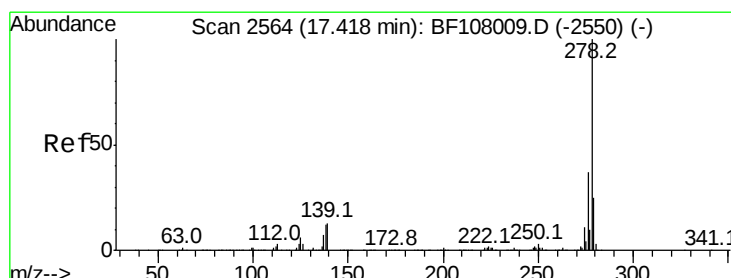
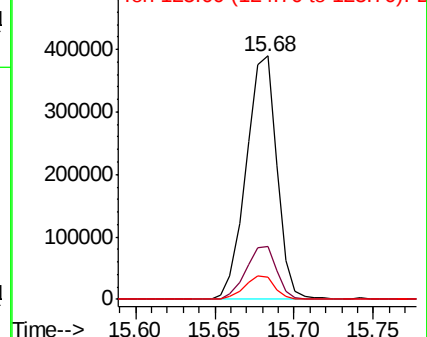
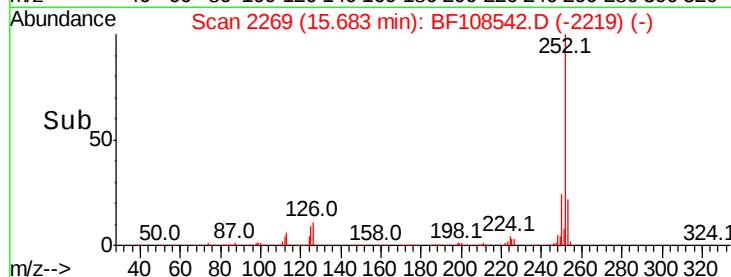
252 100

253 21.7 17.1 25.7

125 9.0 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 50.644 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

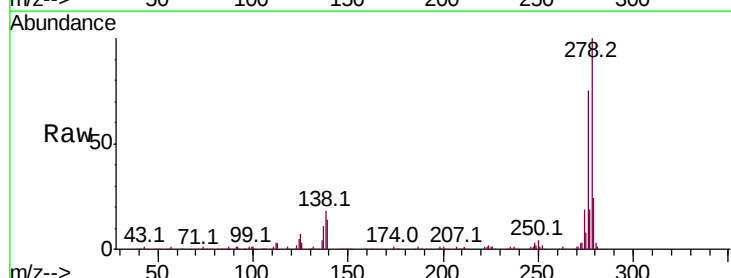
Tgt Ion:278 Resp: 421053

Ion Ratio Lower Upper

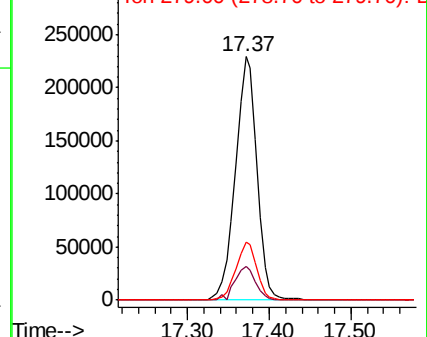
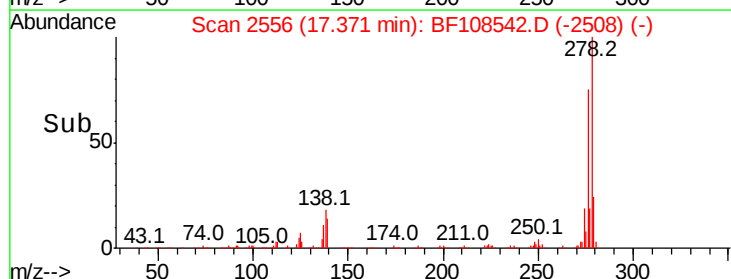
278 100

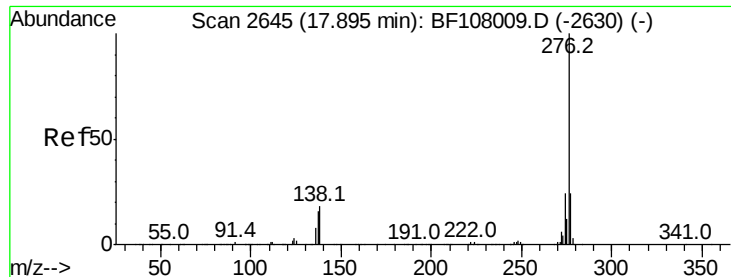
139 13.9 15.9 23.9#

279 24.0 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 48.864 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 400032

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 18.2 21.8 32.8#

