

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108591.D
 Acq On : 29 Aug 2018 7:52
 Operator : JU/SJ
 Sample : PB112433BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Quant Time: Aug 29 08:47:38 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	97978	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	344044	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	148389	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	265430	20.00	ng	0.00
75) Chrysene-d12	14.19	240	273245	20.00	ng	0.00
86) Perylene-d12	15.75	264	235985	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	379481	70.12	ng	0.01
7) Phenol-d6	6.63	99	496771	69.08	ng	0.00
23) Nitrobenzene-d5	7.57	82	488131	79.17	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	109475	73.96	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	866076	93.70	ng	-0.01
78) Terphenyl-d14	13.12	244	800132	74.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.97	88	82009	29.491	ng	# 86
3) Pyridine	3.73	79	214728	29.976	ng	# 84
4) n-Nitrosodimethylamine	3.70	42	116595	28.927	ng	# 81
6) Aniline	6.67	93	134918	13.792	ng	# 69
8) 2-Chlorophenol	6.79	128	217721	35.720	ng	# 93
9) Benzaldehyde	6.56	77	125453	22.500	ng	# 99
10) Phenol	6.65	94	244007	32.802	ng	# 90
11) bis(2-Chloroethyl)ether	6.73	93	189365	31.488	ng	# 92
12) 1,3-Dichlorobenzene	6.94	146	254439	36.103	ng	# 99
13) 1,4-Dichlorobenzene	7.02	146	268579	37.930	ng	# 97
14) 1,2-Dichlorobenzene	7.17	146	246087	37.363	ng	# 98
15) Benzyl Alcohol	7.14	79	179808	29.700	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	391329	31.586	ng	# 83
17) 2-Methylphenol	7.25	107	169495	32.427	ng	# 92
18) Hexachloroethane	7.51	117	87301	34.631	ng	# 92
19) n-Nitroso-di-n-propylamine	7.40	70	157321	32.350	ng	# 92
20) 3+4-Methylphenols	7.41	107	217898	32.531	ng	# 26
22) Acetophenone	7.41	105	314787	39.130	ng	# 89
24) Nitrobenzene	7.58	77	231984	37.209	ng	# 96
25) Isophorone	7.81	82	404663	34.434	ng	# 96
26) 2-Nitrophenol	7.90	139	98868	41.991	ng	# 95
27) 2,4-Dimethylphenol	7.93	122	176775	33.893	ng	# 97
28) bis(2-Chloroethoxy)methane	8.02	93	247834	36.125	ng	# 99
29) 2,4-Dichlorophenol	8.14	162	173243	36.093	ng	# 98
30) 1,2,4-Trichlorobenzene	8.22	180	201204	38.020	ng	# 98
31) Naphthalene	8.31	128	623134	39.826	ng	# 99
32) Benzoic acid	8.04	122	64806	24.721	ng	# 92
33) 4-Chloroaniline	8.36	127	66560	9.762	ng	# 100
34) Hexachlorobutadiene	8.41	225	132046	39.415	ng	# 99
35) Caprolactam	8.71	113	43035	28.611	ng	# 82
36) 4-Chloro-3-methylphenol	8.84	107	167097	32.270	ng	# 100
37) 2-Methylnaphthalene	8.99	142	394157	35.606	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	201339	44.184	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	67001	22.764	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	111550	39.448	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	119774	38.477	ng	96
45) 1,1'-Biphenyl	9.46	154	468683	42.838	ng	97
46) 2-Chloronaphthalene	9.49	162	352976	40.820	ng	97
47) 2-Nitroaniline	9.59	65	108247	38.689	ng	88
48) Acenaphthylene	9.91	152	544172	39.806	ng	100
49) Dimethylphthalate	9.75	163	402561	38.946	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	82934	38.349	ng	97
51) Acenaphthene	10.08	154	322994	38.575	ng	99
52) 3-Nitroaniline	10.01	138	47094	19.903	ng	98
53) 2,4-Dinitrophenol	10.11	184	19356	28.838	ng	# 31
54) Dibenzofuran	10.25	168	466598	38.464	ng	100
55) 4-Nitrophenol	10.17	139	102673	57.302	ng	84
56) 2,4-Dinitrotoluene	10.23	165	105569	37.924	ng	# 93
57) Fluorene	10.59	166	358130	37.294	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	96647	37.146	ng	# 82
59) Diethylphthalate	10.45	149	371911	37.157	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	187133	37.398	ng	90
61) 4-Nitroaniline	10.62	138	67728	28.951	ng	94
62) Azobenzene	10.74	77	364760	35.288	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	16727	20.270	ng	91
65) n-Nitrosodiphenylamine	10.70	169	313810	40.008	ng	96
66) 4-Bromophenyl-phenylether	11.07	248	112700	39.071	ng	90
67) Hexachlorobenzene	11.14	284	119697	39.439	ng	# 89
68) Atrazine	11.22	200	101226	38.477	ng	96
69) Pentachlorophenol	11.34	266	101251	69.700	ng	99
70) Phenanthrene	11.57	178	500798	40.002	ng	99
71) Anthracene	11.62	178	517294	40.314	ng	99
72) Carbazole	11.78	167	453678	39.795	ng	97
73) Di-n-butylphthalate	12.08	149	530335	41.070	ng	99
74) Fluoranthene	12.76	202	584905	42.808	ng	94
76) Benzidine	12.88	184	200998	19.688	ng	98
77) Pyrene	12.99	202	601957	34.797	ng	98
79) Butylbenzylphthalate	13.59	149	249253	36.285	ng	96
80) Benzo(a)anthracene	14.18	228	607592	38.746	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	170747	30.383	ng	# 97
82) Chrysene	14.22	228	567280	39.458	ng	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	341339	36.694	ng	98
84) Di-n-octyl phthalate	14.77	149	640354	45.137	ng	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	433002	34.760	ng	# 90
87) Benzo(b)fluoranthene	15.31	252	494046	35.036	ng	97
88) Benzo(k)fluoranthene	15.31	252	494046	38.114	ng	# 97
89) Benzo(a)pyrene	15.68	252	478266	37.876	ng	96
90) Dibenzo(a,h)anthracene	17.38	278	372913	35.693	ng	# 93
91) Benzo(g,h,i)perylene	17.86	276	339657	33.016	ng	# 90

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

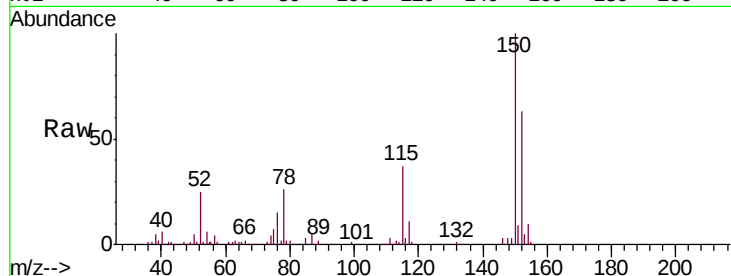


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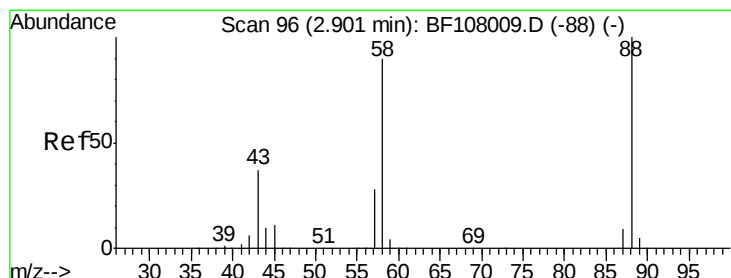
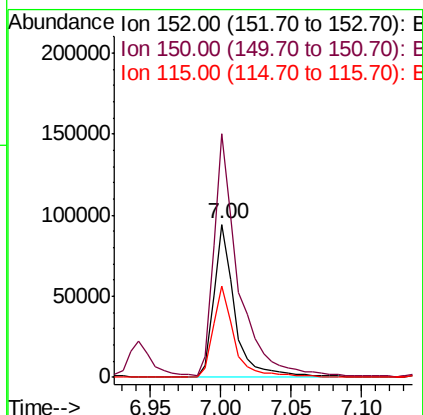
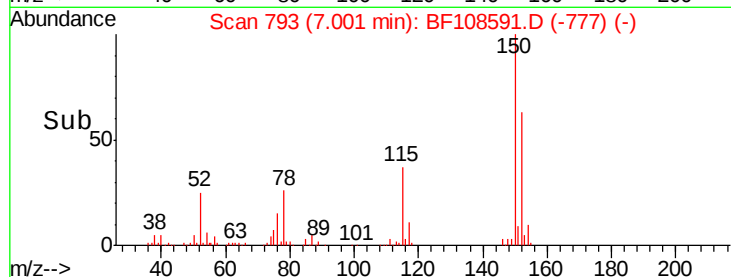
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion:152 Resp: 97978
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 59.4 50.1 75.1



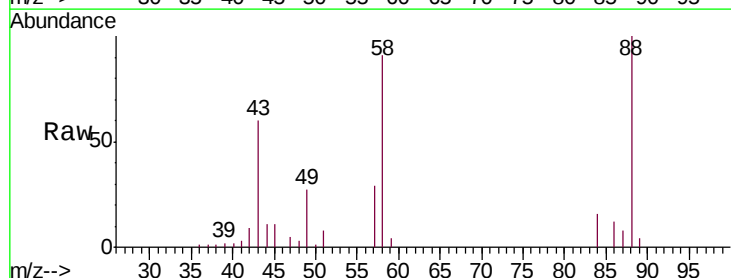
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



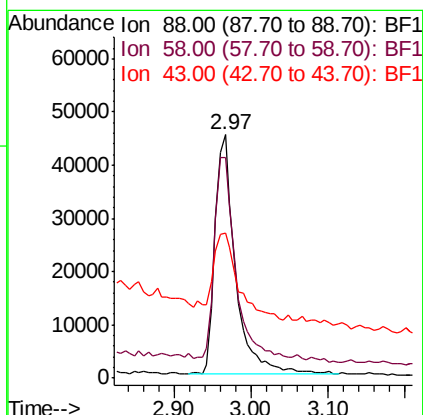
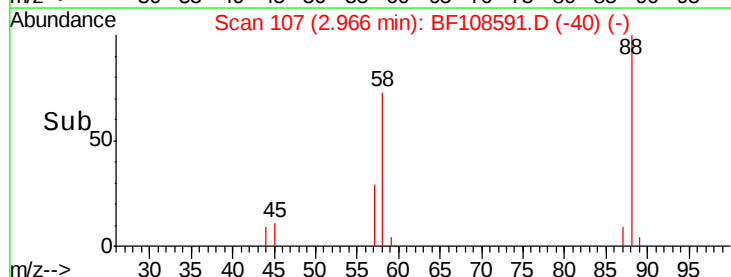
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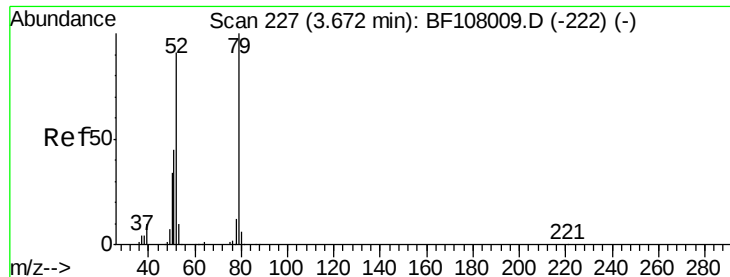
1,4-Dioxane
Concen: 29.491 ng
RT: 2.97 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion: 88 Resp: 82009
Ion Ratio Lower Upper
88 100
58 87.3 62.6 93.8
43 43.4 24.6 37.0#



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





#3

Pyridine

Concen: 29.976 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.07 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

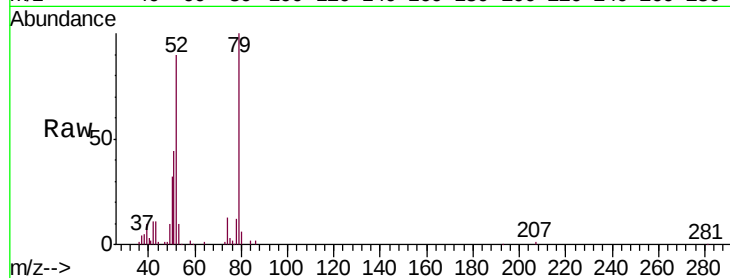
Tgt Ion: 79 Resp: 214728

Ion Ratio Lower Upper

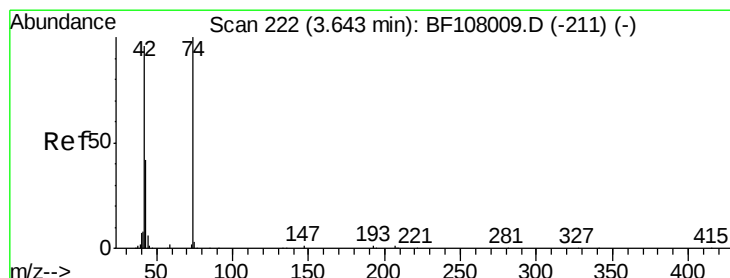
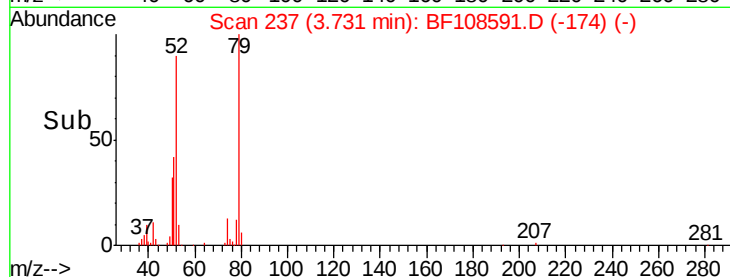
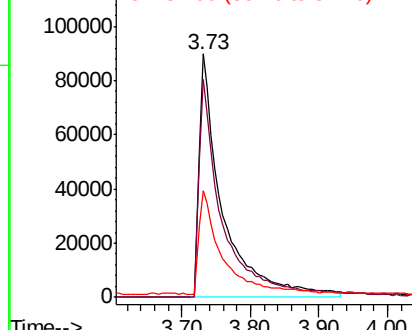
79 100

52 89.8 59.8 89.6#

51 44.0 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: 28.927 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

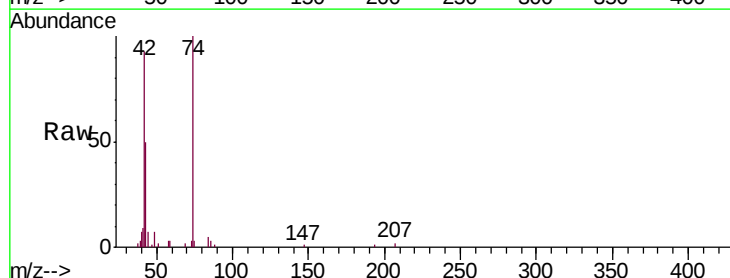
Tgt Ion: 42 Resp: 116595

Ion Ratio Lower Upper

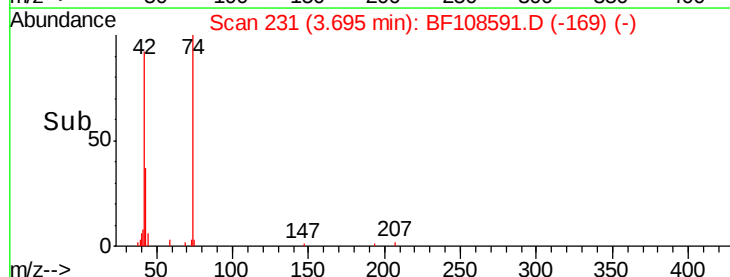
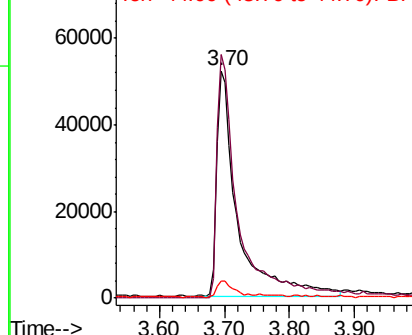
42 100

74 107.3 104.9 157.3

44 7.3 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: 70.121 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

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ClientSampleId :

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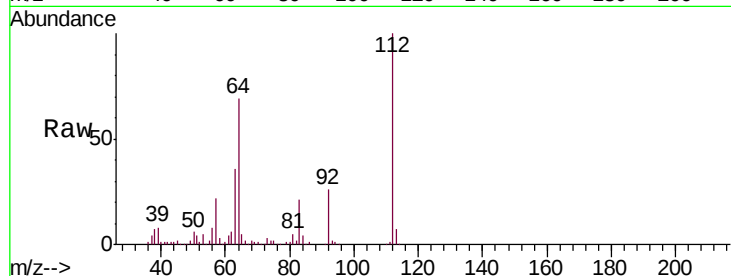
Tgt Ion: 112 Resp: 379481

Ion Ratio Lower Upper

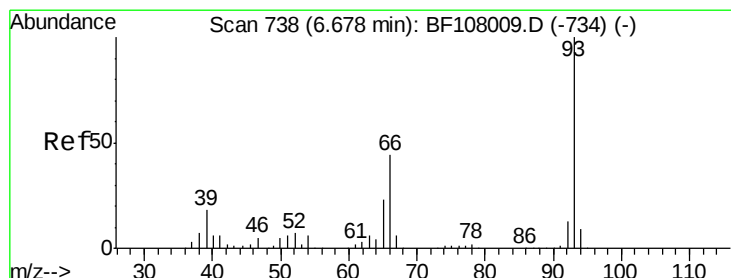
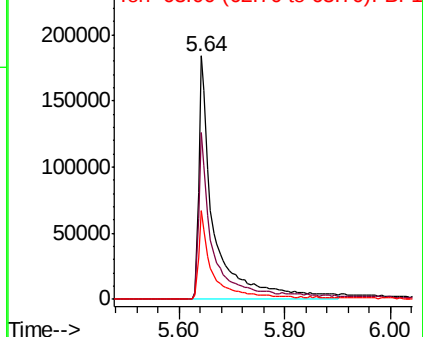
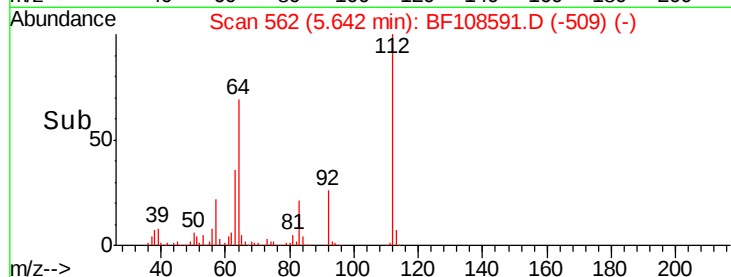
112 100

64 68.7 47.9 71.9

63 36.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.792 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

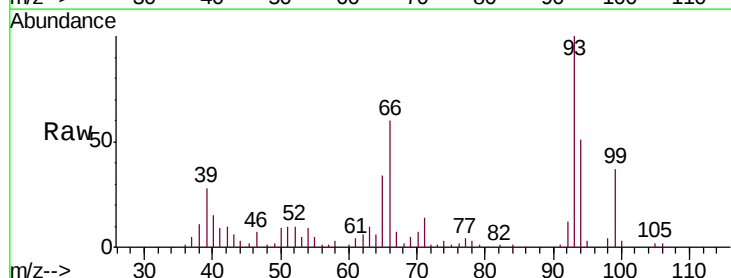
Tgt Ion: 93 Resp: 134918

Ion Ratio Lower Upper

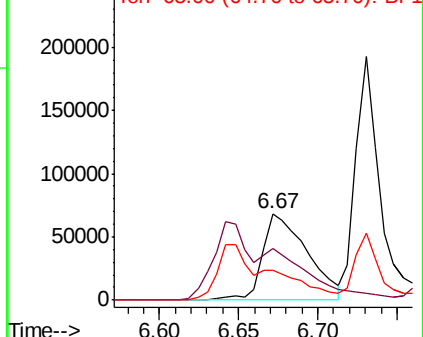
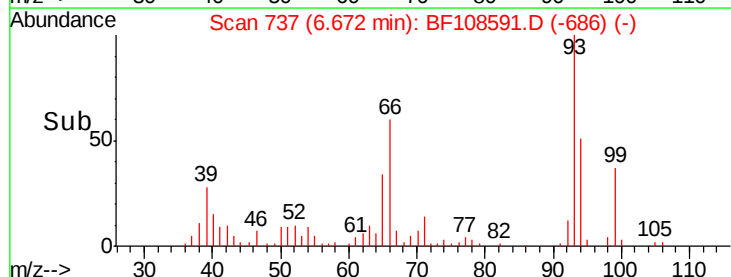
93 100

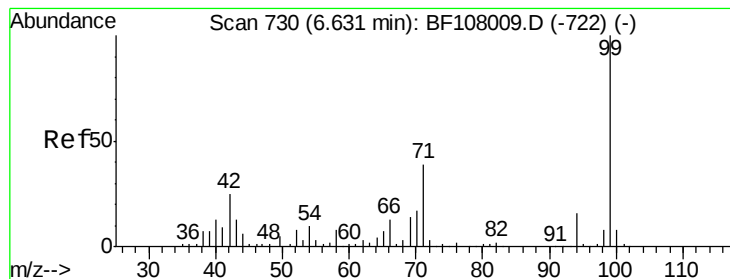
66 60.1 32.2 48.2#

65 34.2 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: 69.077 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

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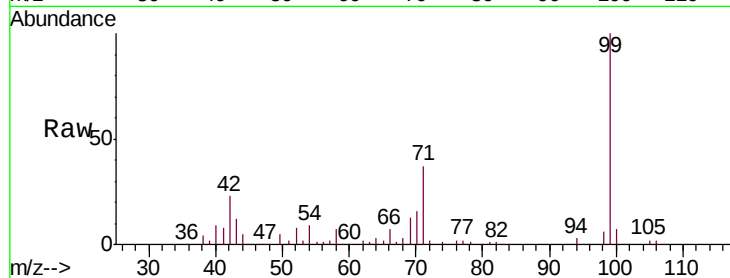
Tgt Ion: 99 Resp: 496771

Ion Ratio Lower Upper

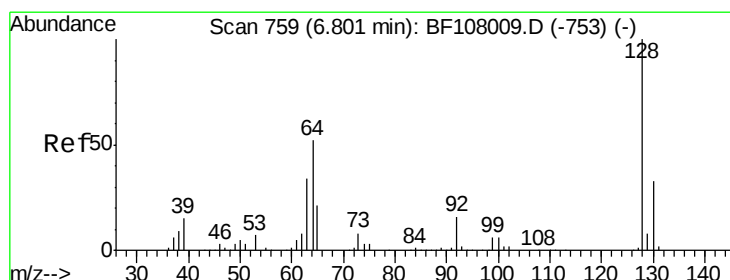
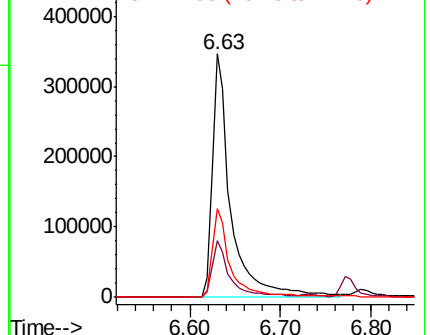
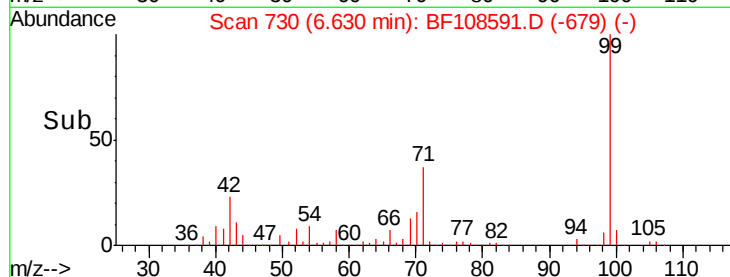
99 100

42 23.1 14.5 21.7#

71 36.6 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: 35.720 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

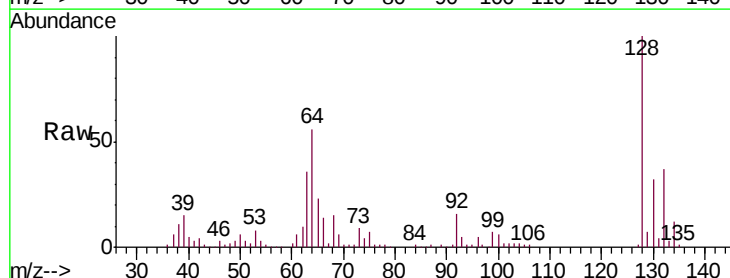
Tgt Ion: 128 Resp: 217721

Ion Ratio Lower Upper

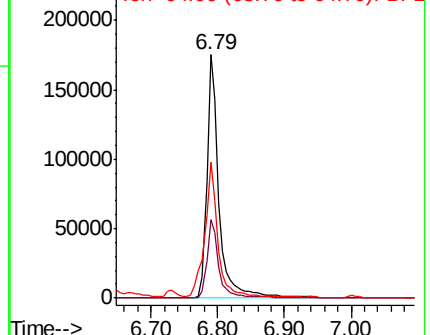
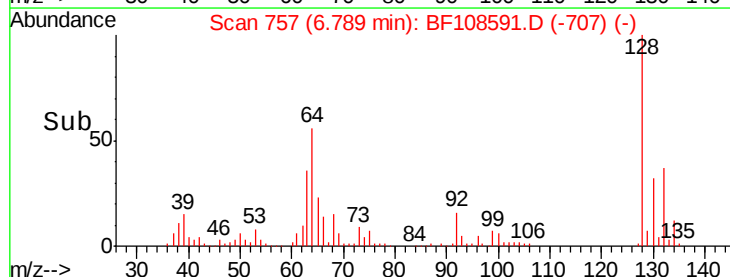
128 100

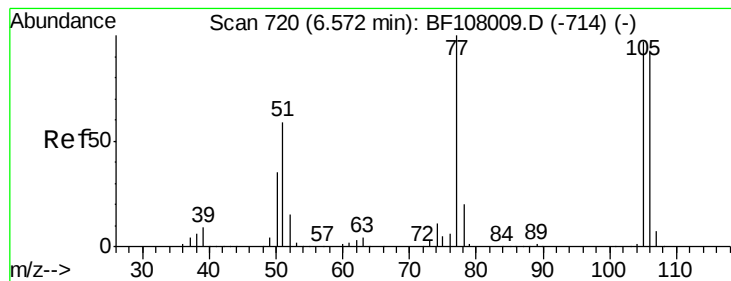
130 32.1 13.0 53.0

64 56.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.500 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

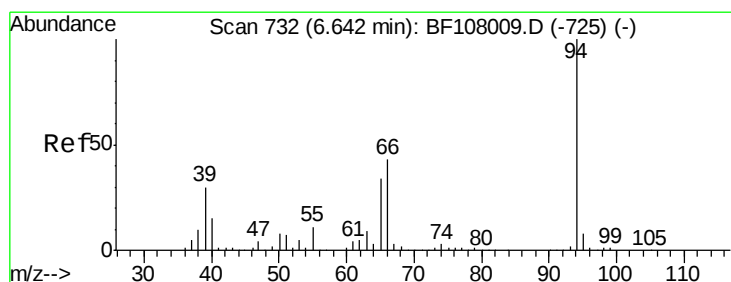
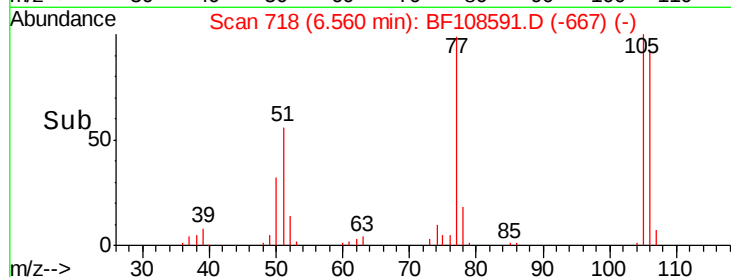
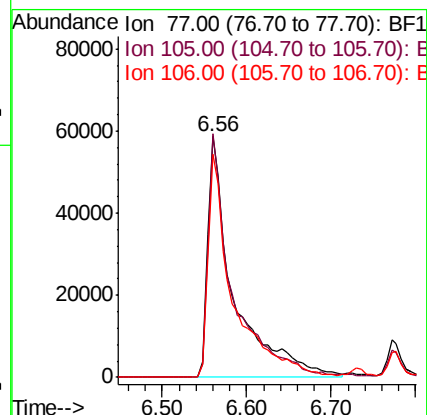
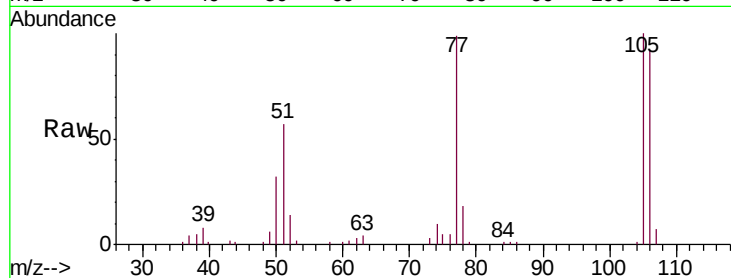
Tgt Ion: 77 Resp: 125453

Ion Ratio Lower Upper

77 100

105 101.1 81.1 121.1

106 92.6 74.5 114.5



#10

Phenol

Concen: 32.802 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

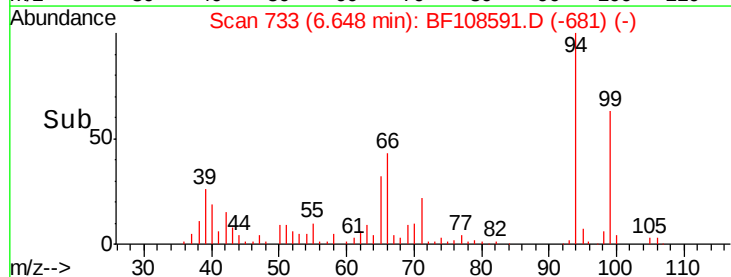
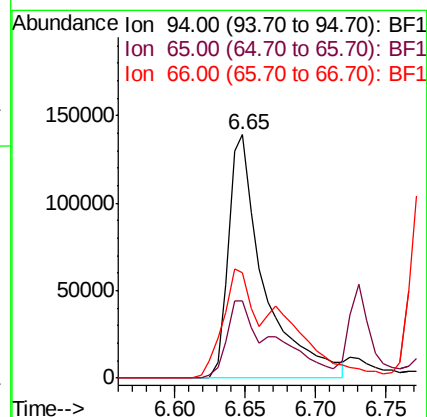
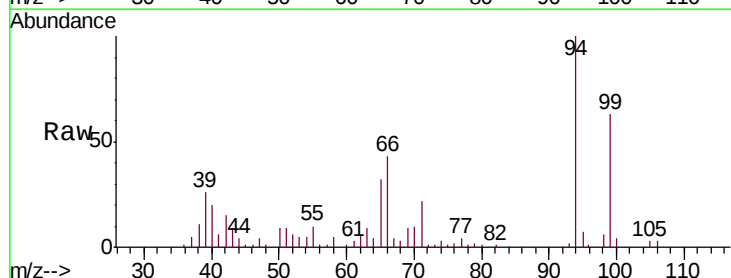
Tgt Ion: 94 Resp: 244007

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 43.4 16.2 56.2

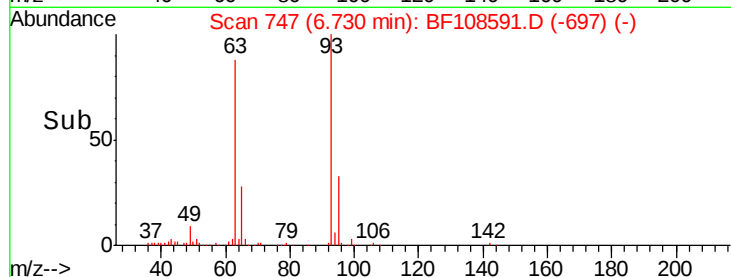
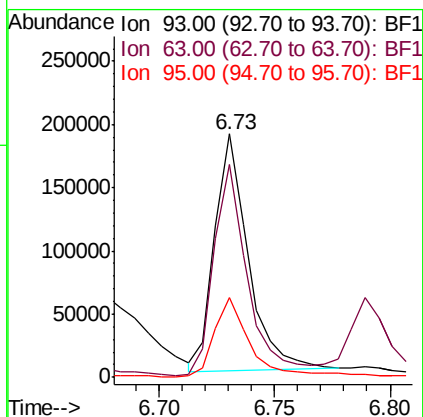
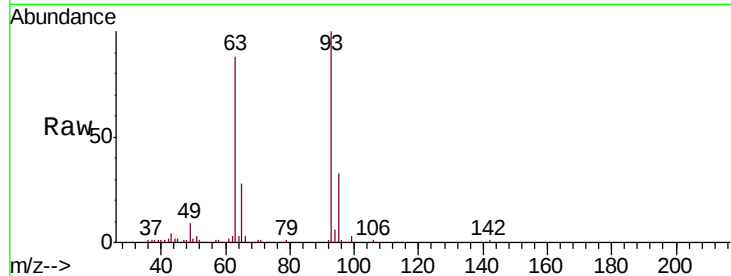




#11
 bis(2-Chloroethyl)ether
 Concen: 31.488 ng
 RT: 6.73 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

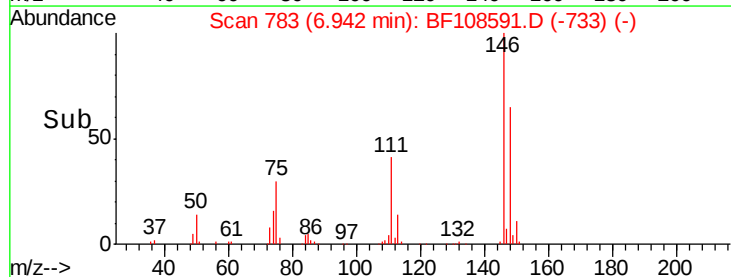
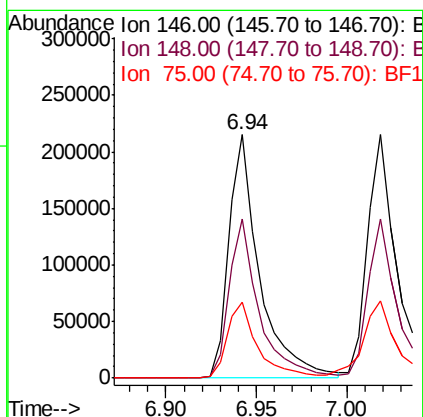
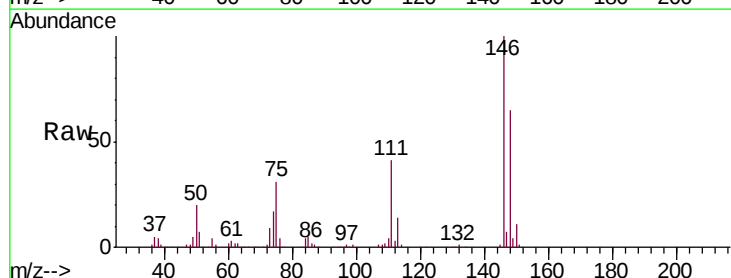
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

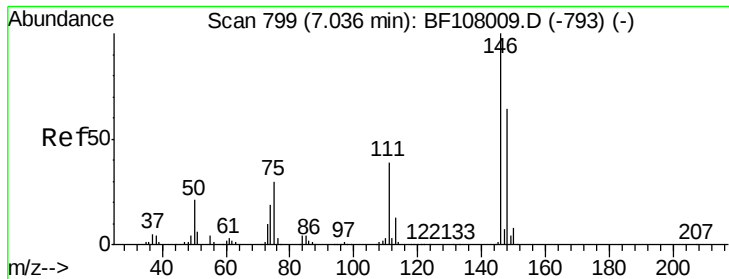
Tgt Ion:	93	Resp:	189365
Ion	Ratio	Lower	Upper
93	100		
63	87.6	58.6	98.6
95	32.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.103 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:	146	Resp:	254439
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	31.1	24.2	36.4

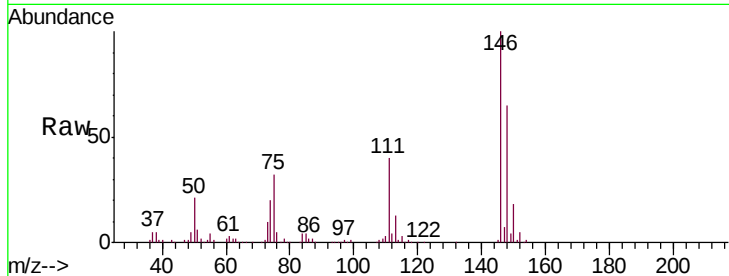




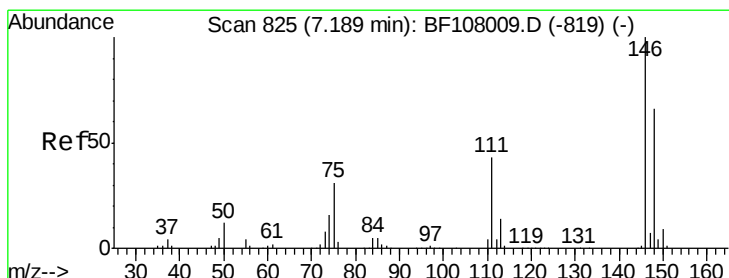
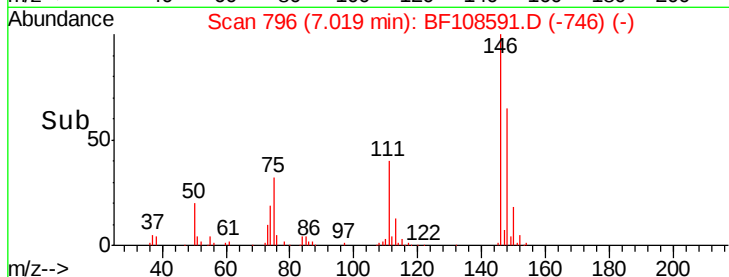
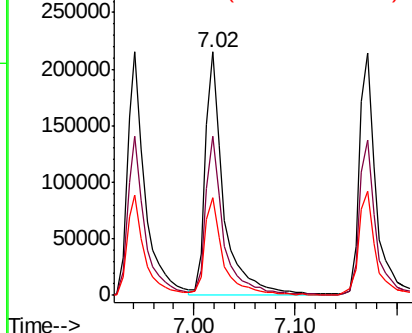
#13
 1,4-Dichlorobenzene
 Concen: 37.930 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion:146 Resp: 268579
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 40.2 34.2 51.2

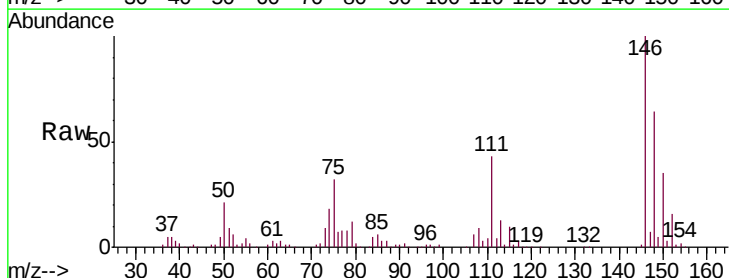


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

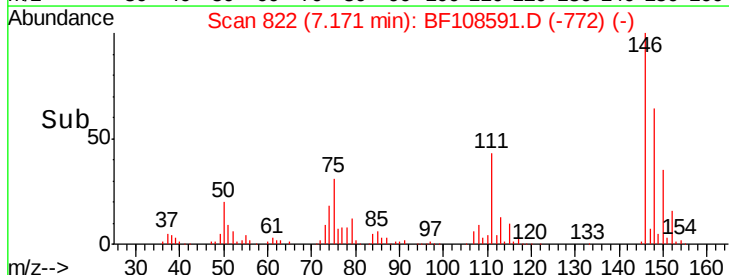
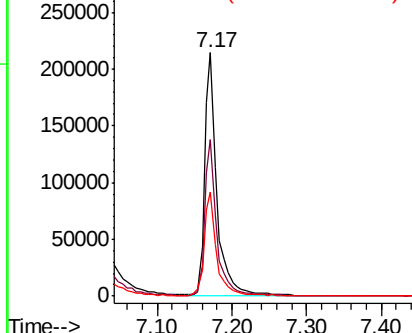


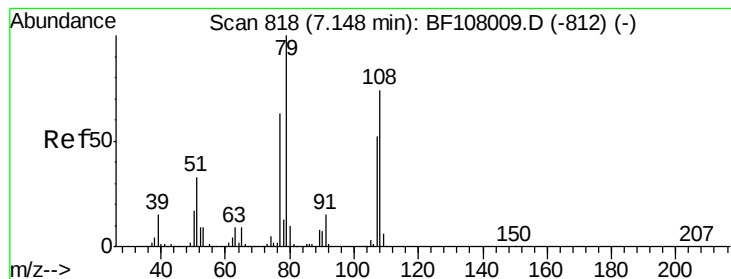
#14
 1,2-Dichlorobenzene
 Concen: 37.363 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:146 Resp: 246087
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 42.7 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: 29.700 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

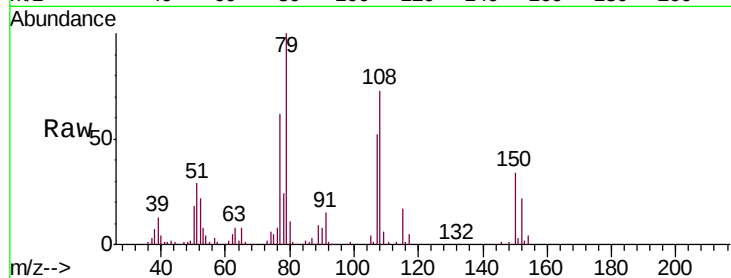
Tgt Ion: 79 Resp: 179808

Ion Ratio Lower Upper

79 100

108 72.7 65.1 97.7

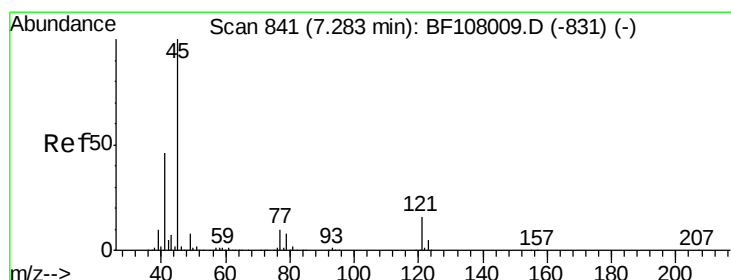
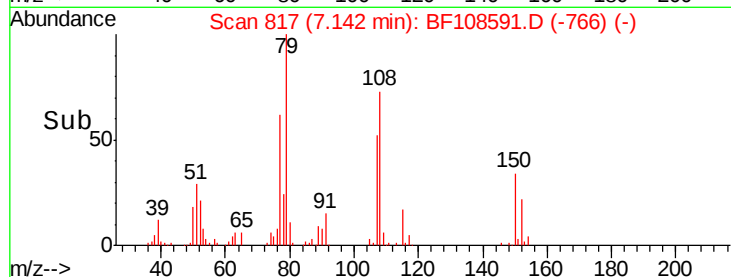
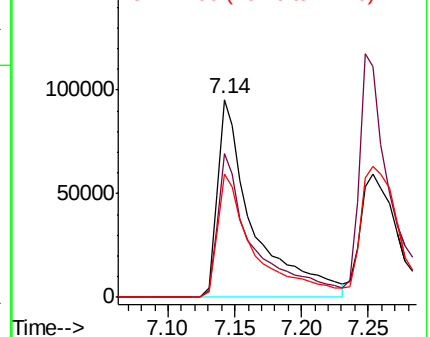
77 62.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.586 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

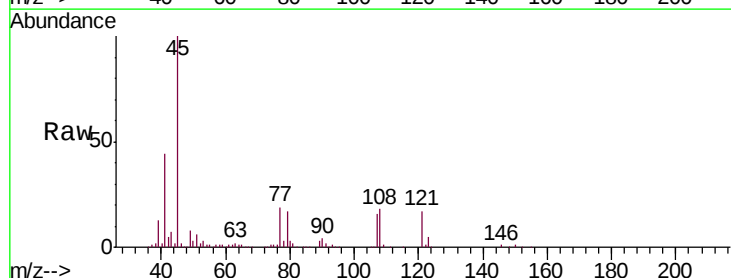
Tgt Ion: 45 Resp: 391329

Ion Ratio Lower Upper

45 100

77 19.4 0.0 32.9

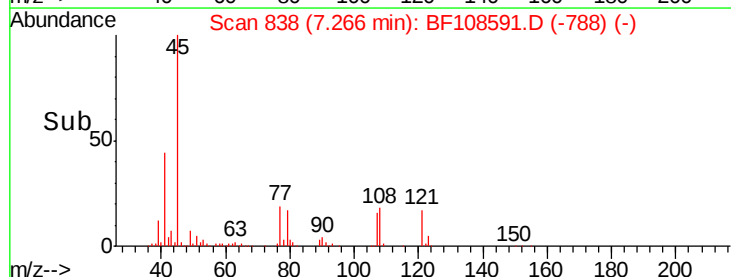
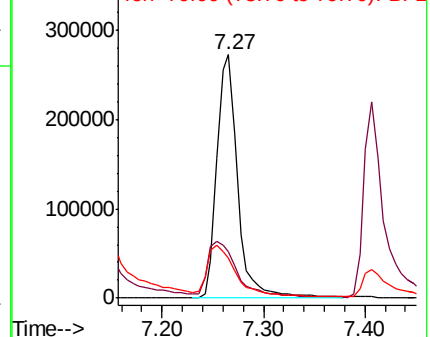
79 16.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

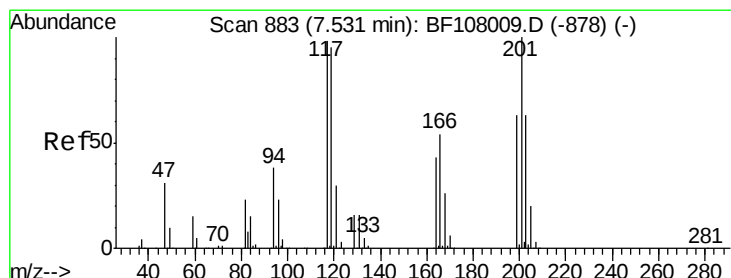
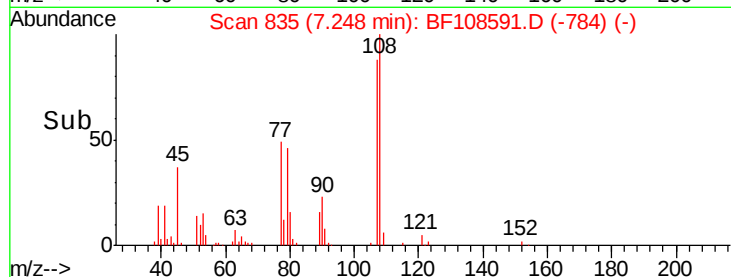
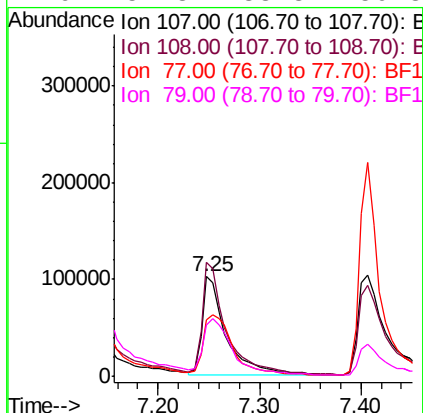
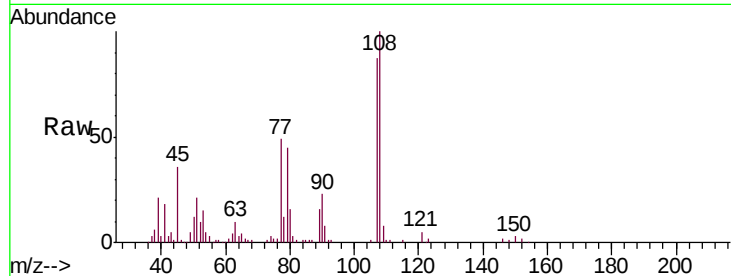




#17
2-Methylphenol
Concen: 32.427 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

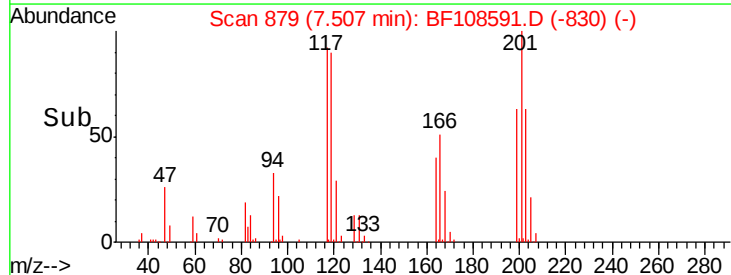
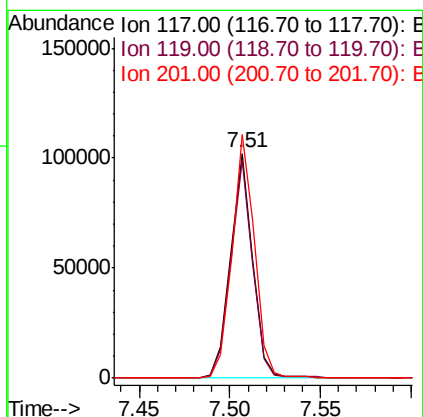
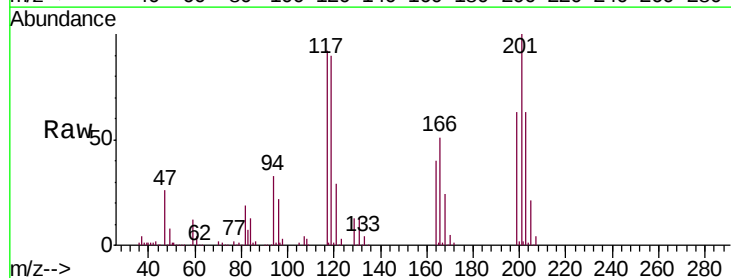
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

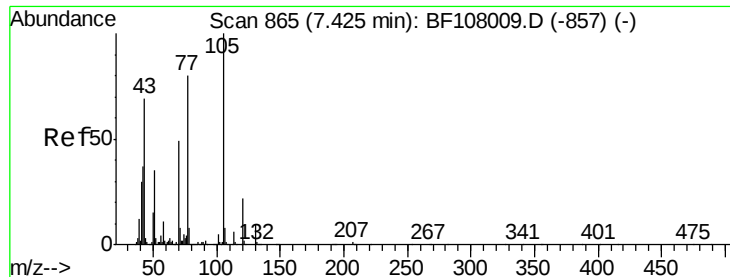
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	56.1	33.8	50.8#
79	51.8	33.8	50.8#



#18
Hexachloroethane
Concen: 34.631 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	108.4	75.7	113.5

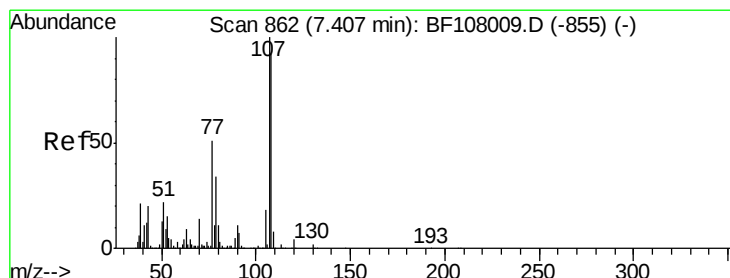
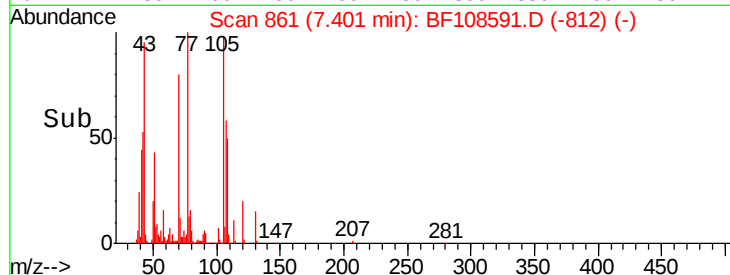
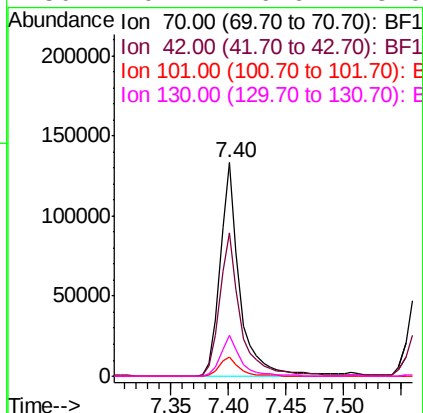
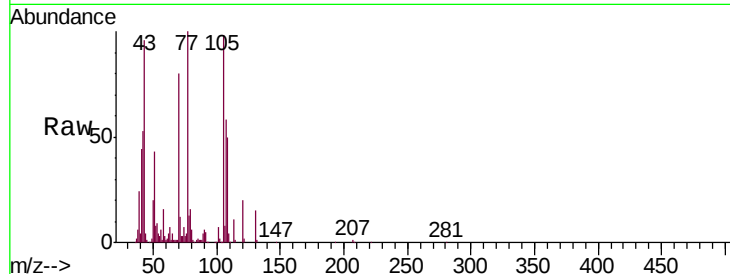




#19
n-Nitroso-di-n-propylamine
Concen: 32.350 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

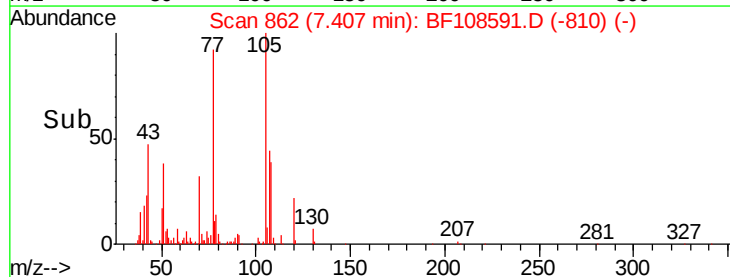
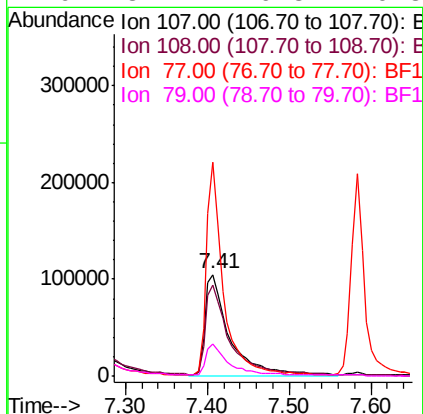
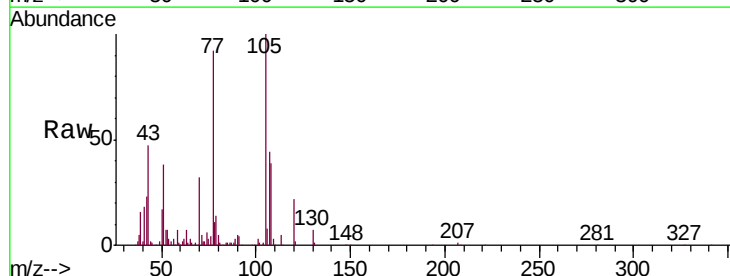
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

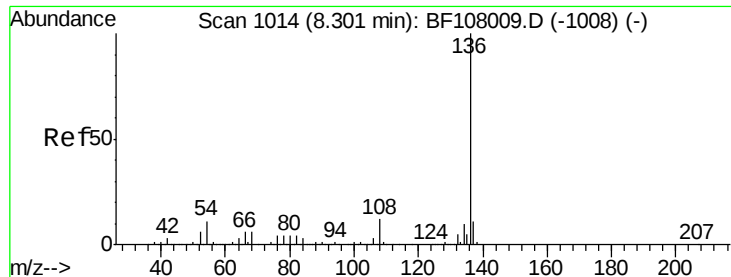
Tgt Ion:	70	Resp:	157321
Ion	Ratio	Lower	Upper
70	100		
42	67.0	47.5	71.3
101	9.2	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.531 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:	107	Resp:	217898
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	211.1	26.7	66.7#
79	31.1	6.3	46.3

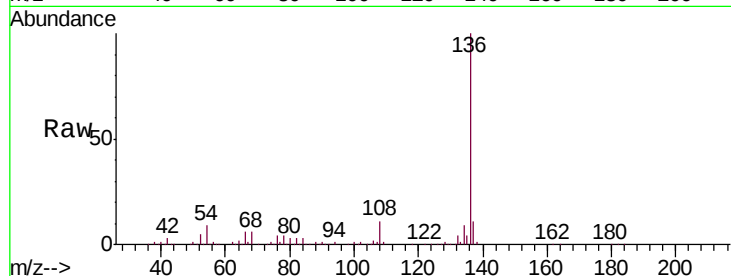




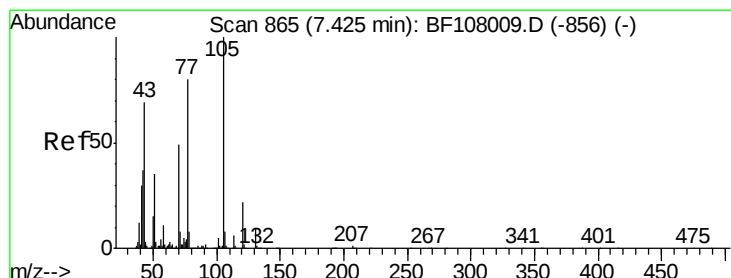
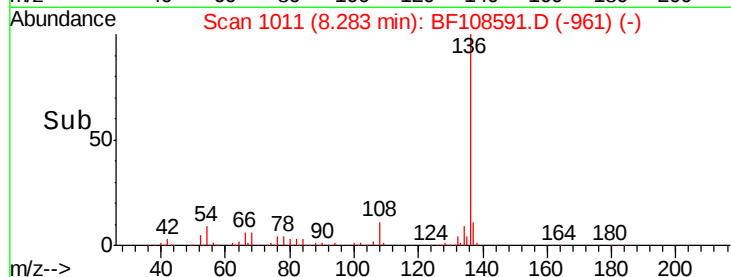
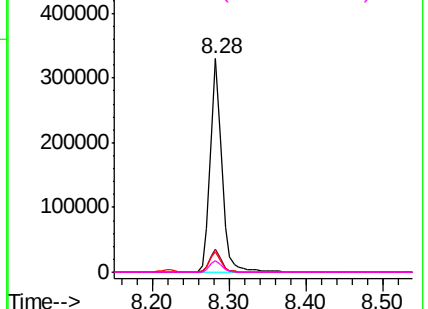
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion:	136	Resp:	344044
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.4	6.6	9.8
68	5.6	5.0	7.4

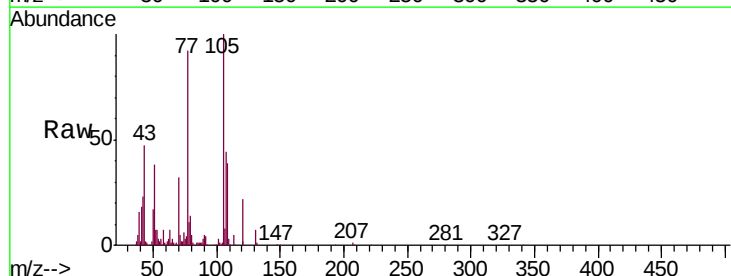


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

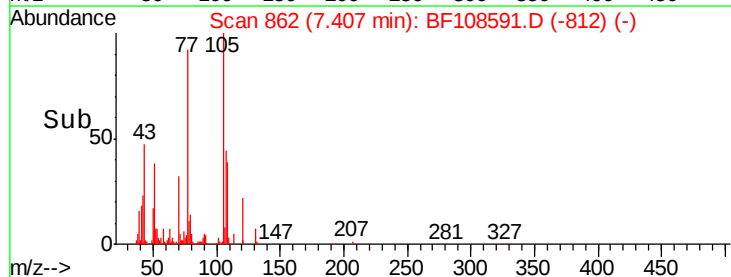
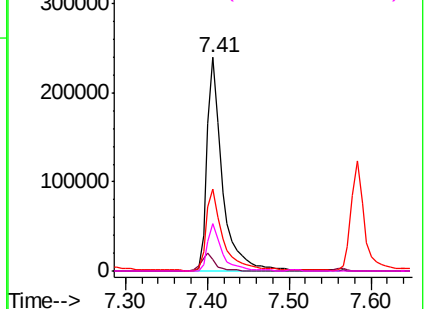


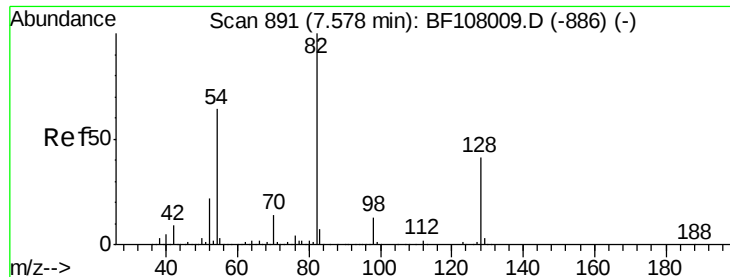
#22
Acetophenone
Concen: 39.130 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:	105	Resp:	314787
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	38.3	22.3	33.5#
120	22.0	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

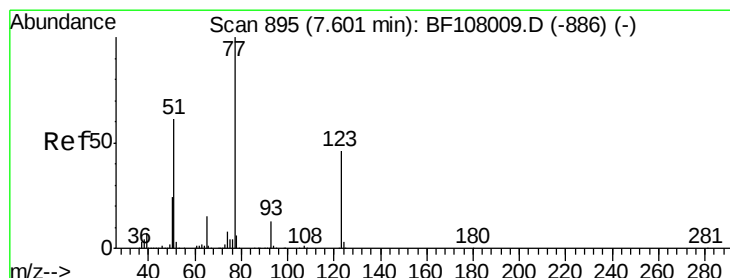
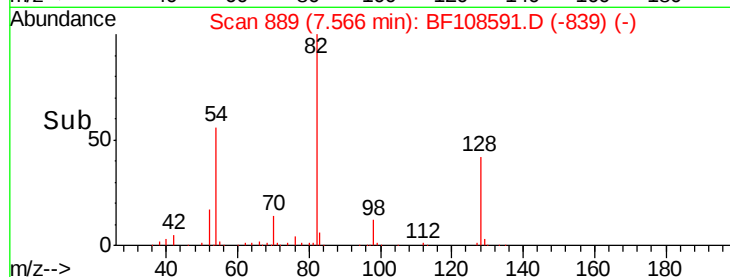
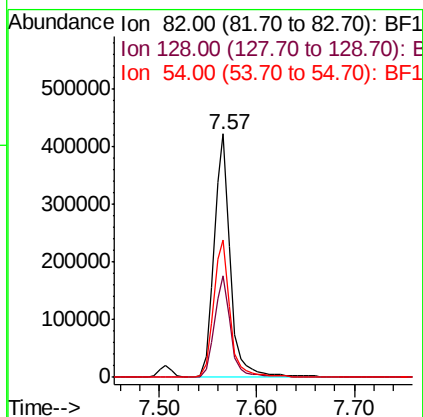
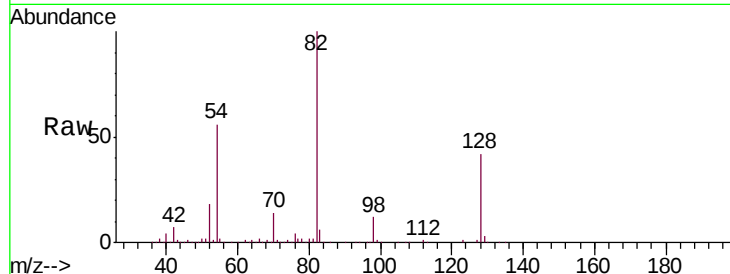




#23
 Nitrobenzene-d5
 Concen: 79.171 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

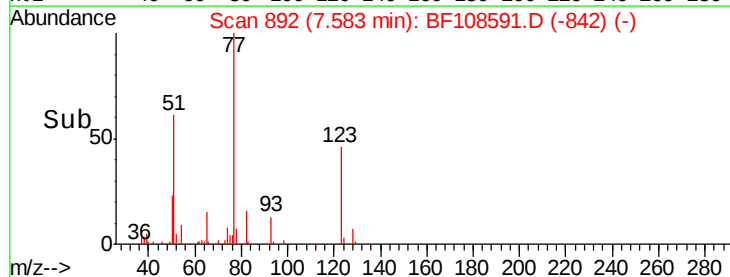
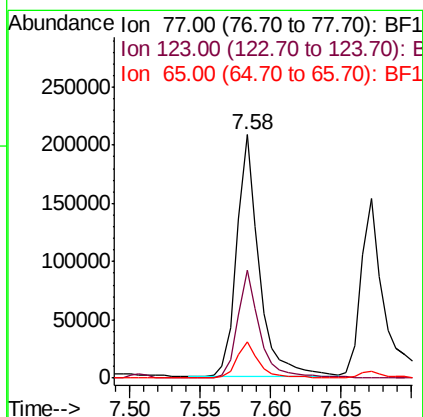
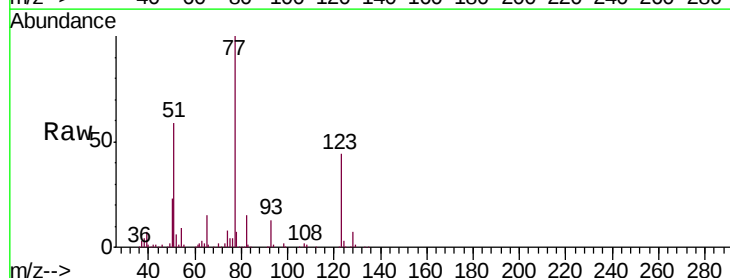
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

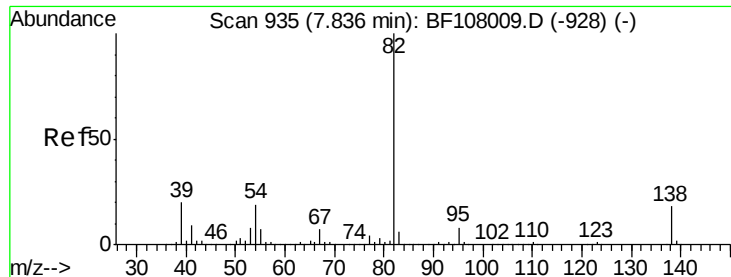
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	56.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 37.209 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 34.434 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

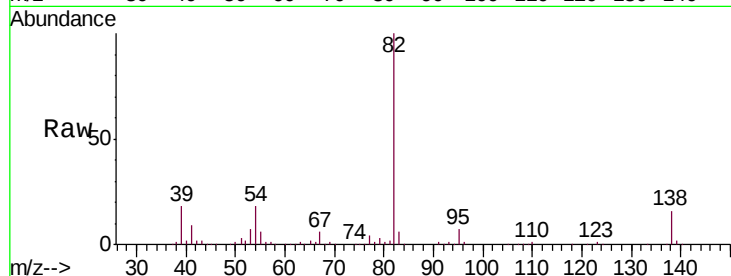
Tgt Ion: 82 Resp: 404663

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

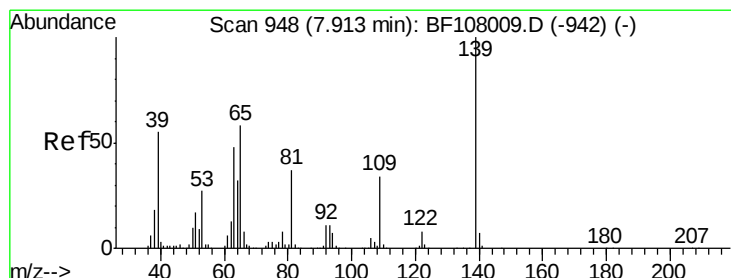
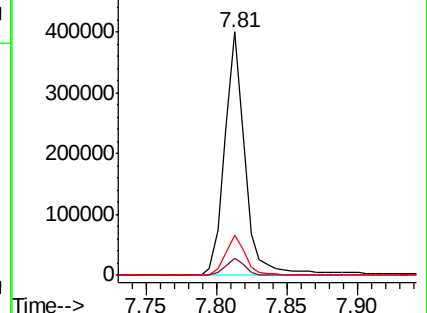
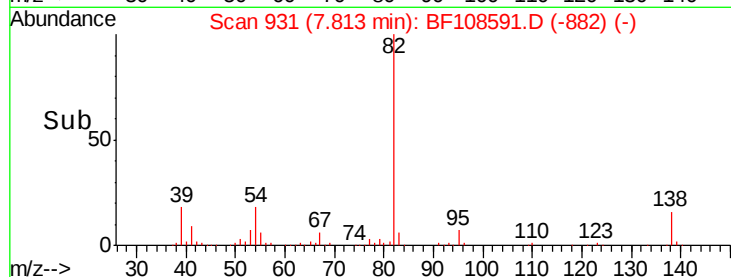
138 16.3 14.9 22.3



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: 41.991 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

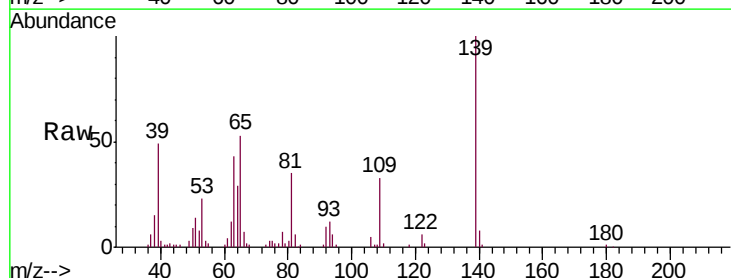
Tgt Ion: 139 Resp: 98868

Ion Ratio Lower Upper

139 100

109 33.4 22.7 34.1

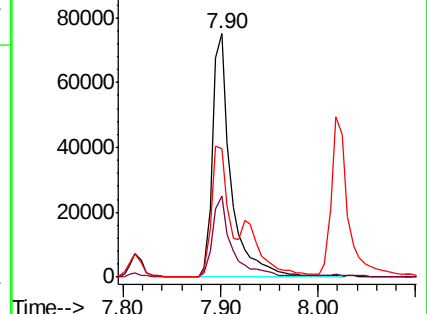
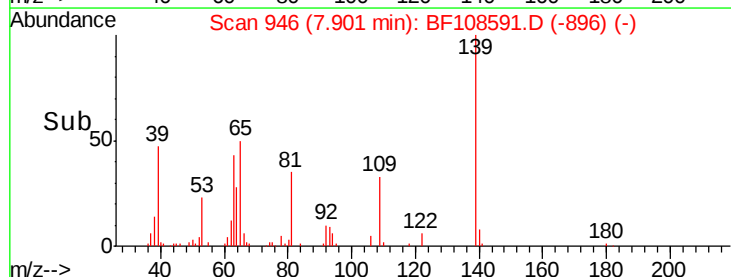
65 52.8 40.5 60.7

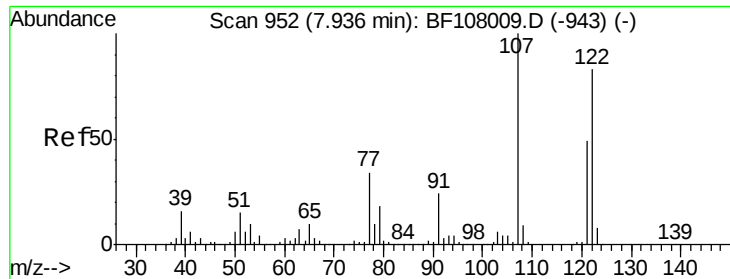


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

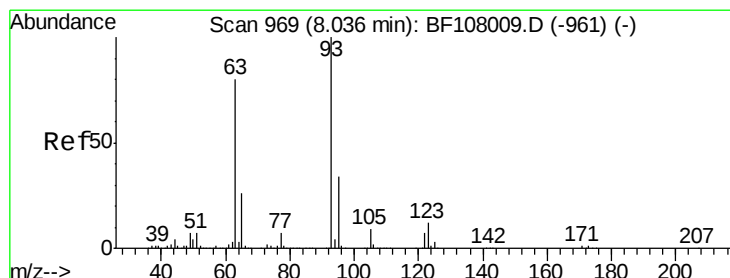
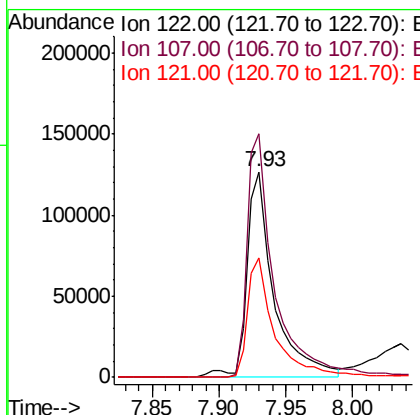
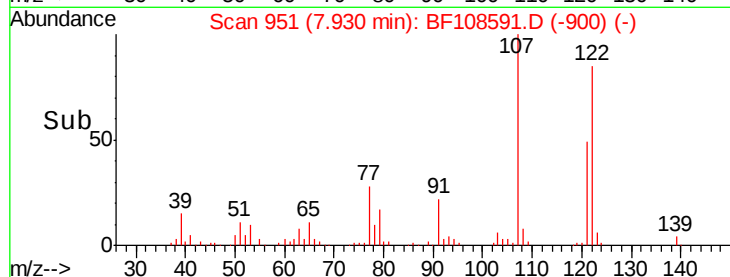
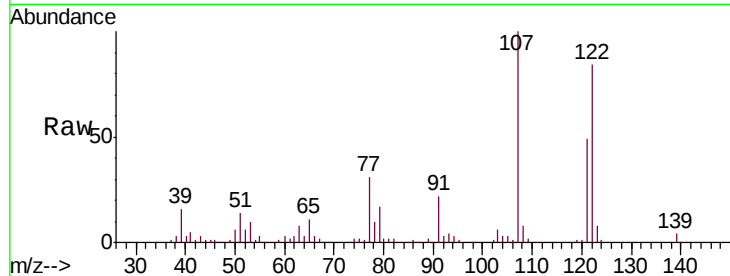




#27
 2,4-Dimethylphenol
 Concen: 33.893 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

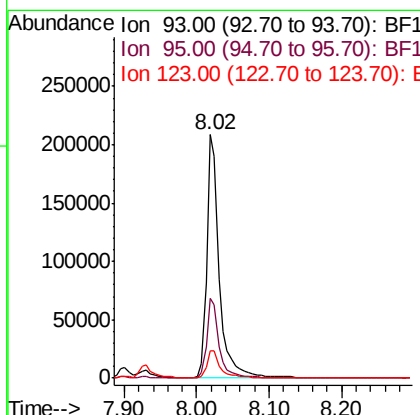
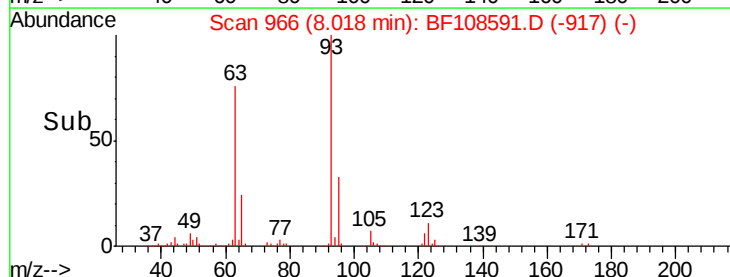
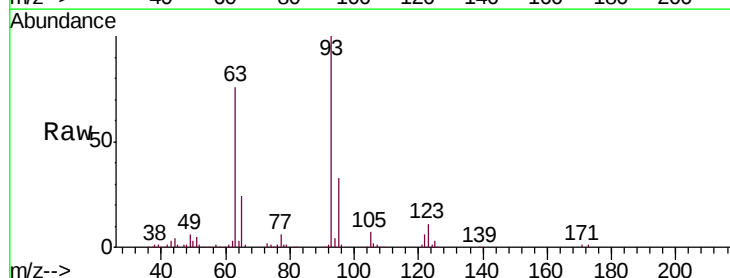
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion: 122 Resp: 176775
 Ion Ratio Lower Upper
 122 100
 107 118.5 91.2 136.8
 121 58.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.125 ng
 RT: 8.02 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion: 93 Resp: 247834
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.0 9.8 14.6

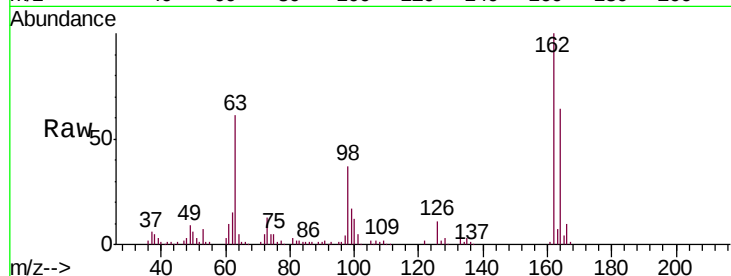




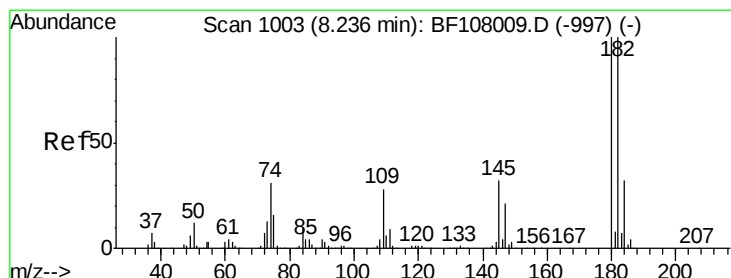
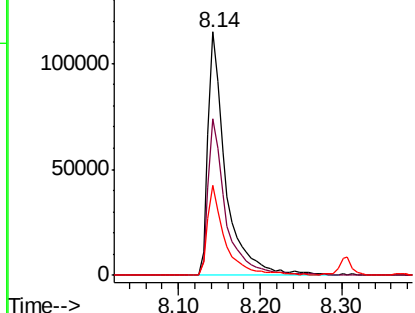
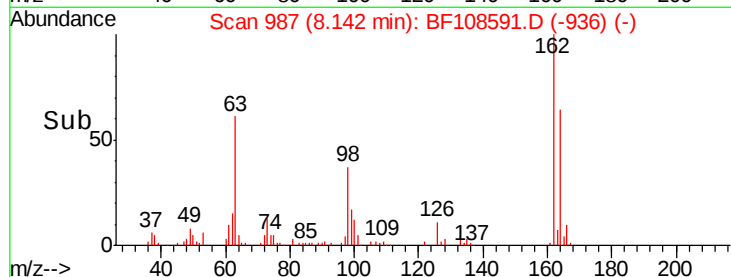
#29
2,4-Dichlorophenol
Concen: 36.093 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion:162 Resp: 173243
Ion Ratio Lower Upper
162 100
164 64.4 42.7 82.7
98 37.1 18.1 58.1

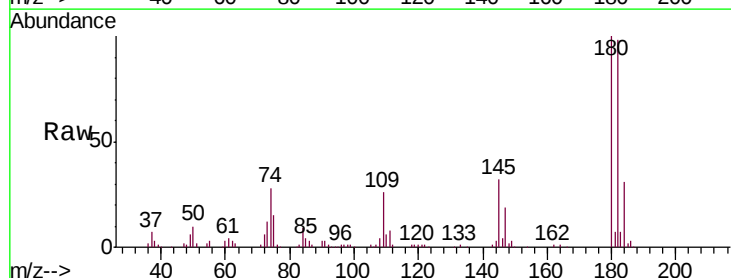


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

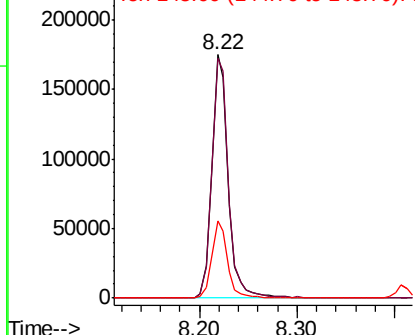
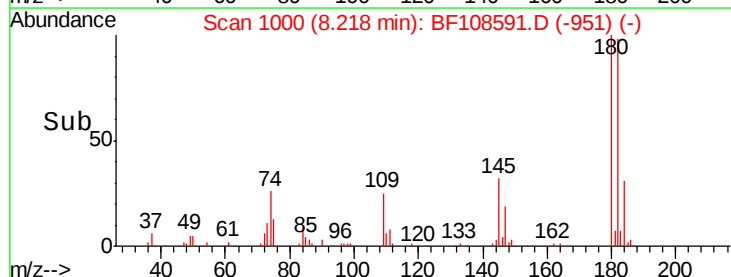


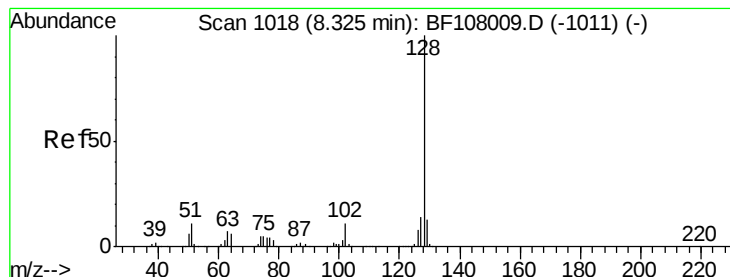
#30
1,2,4-Trichlorobenzene
Concen: 38.020 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:180 Resp: 201204
Ion Ratio Lower Upper
180 100
182 98.5 76.8 115.2
145 31.7 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

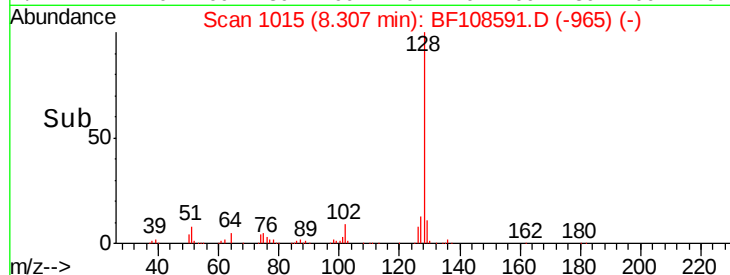
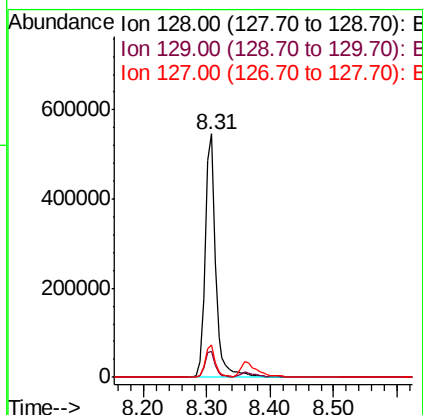
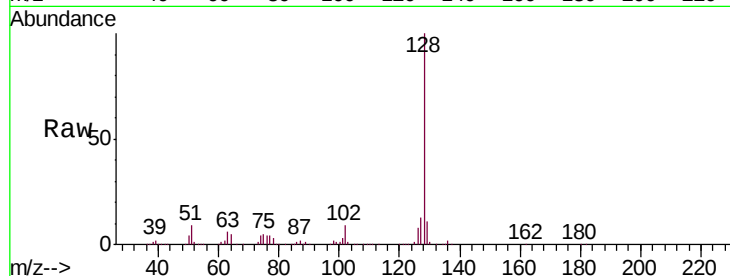




#31
Naphthalene
Concen: 39.826 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

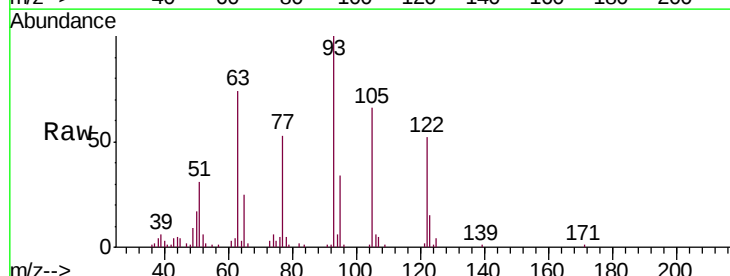
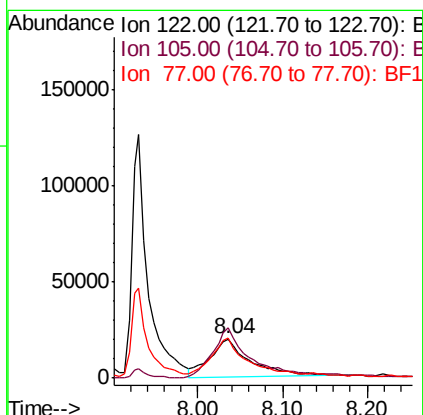
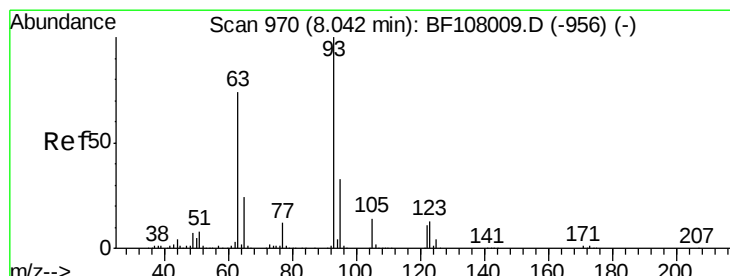
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

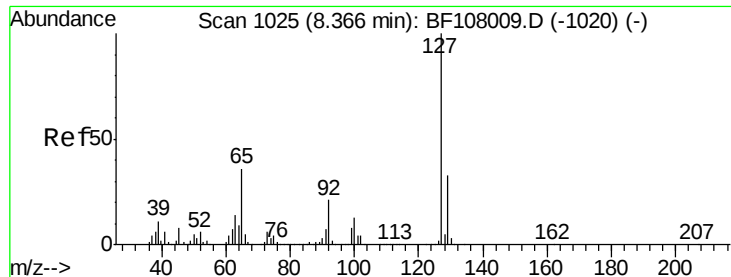
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.9	16.3



#32
Benzoic acid
Concen: 24.721 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	101.1	141.1
77	102.5	70.7	110.7

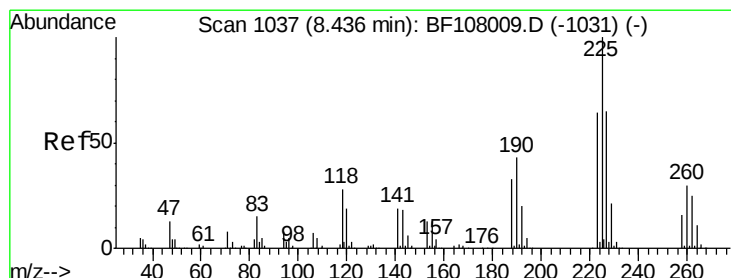
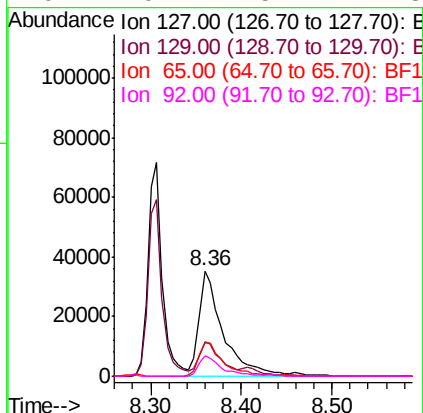
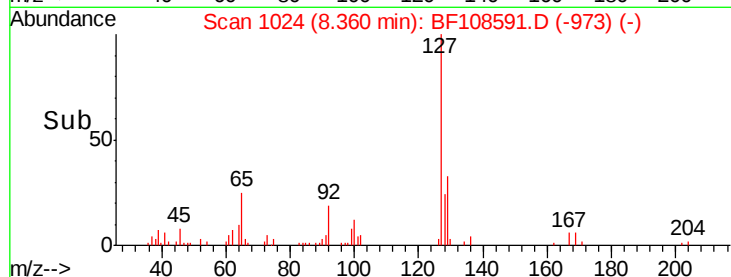
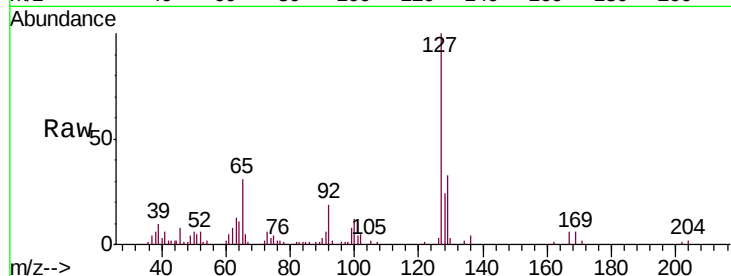




#33
4-Chloroaniline
Concen: 9.762 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

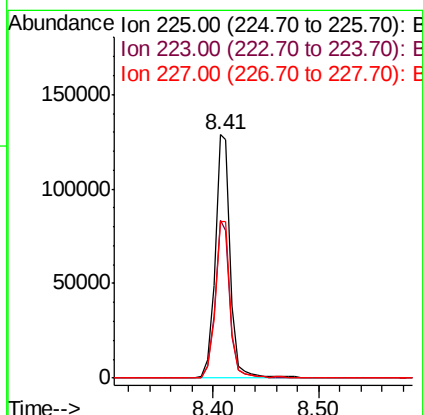
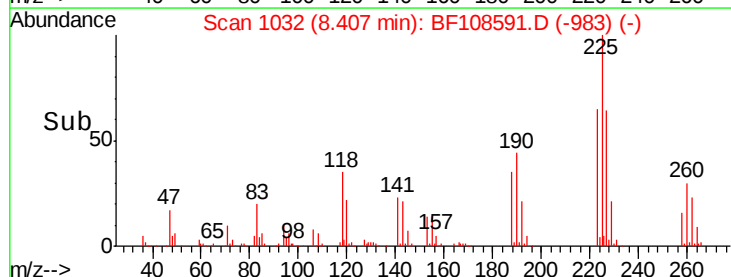
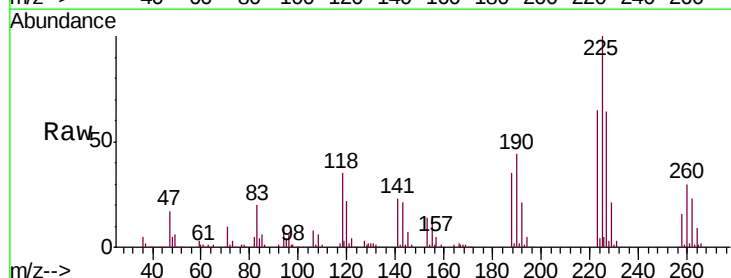
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

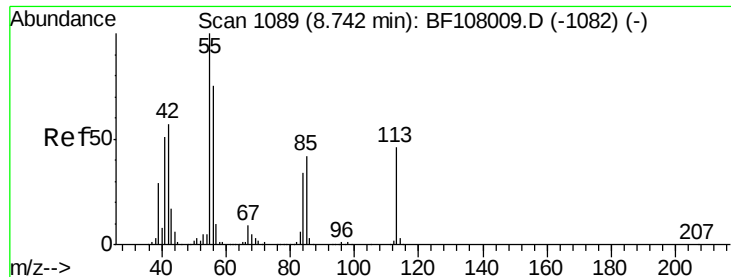
Tgt Ion:	127	Resp:	66560
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	31.3	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.415 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:	225	Resp:	132046
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.3	51.9	77.9

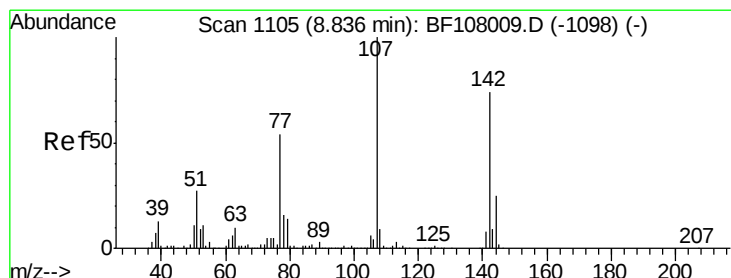
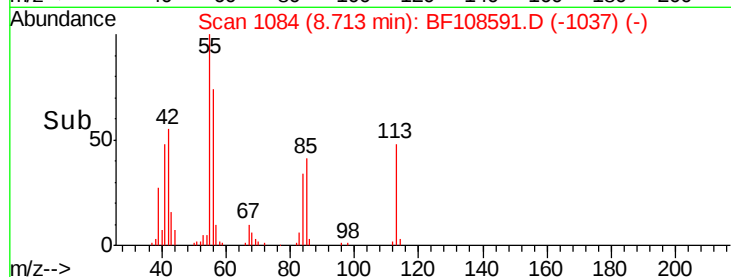
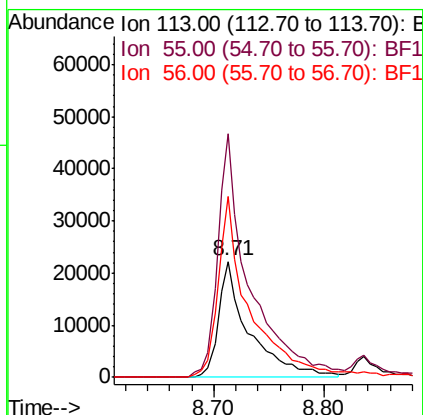
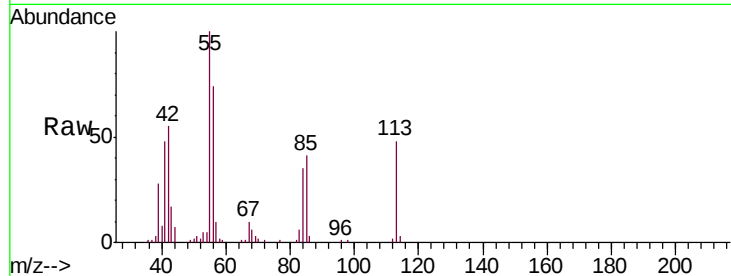




#35
 Caprolactam
 Concen: 28.611 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

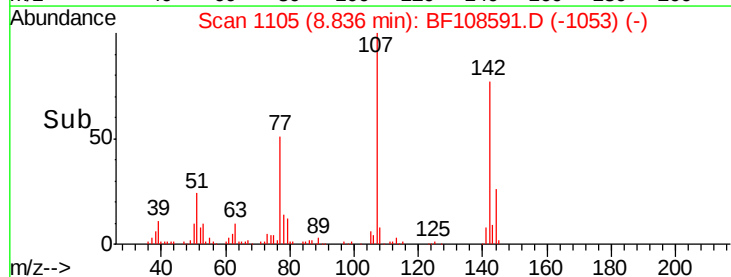
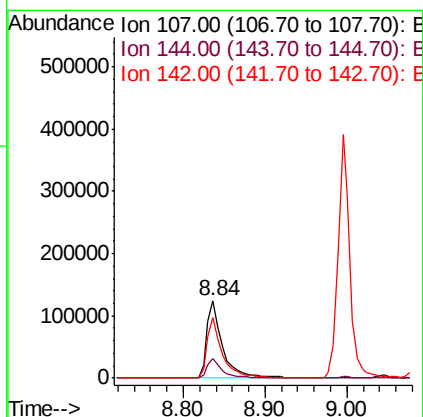
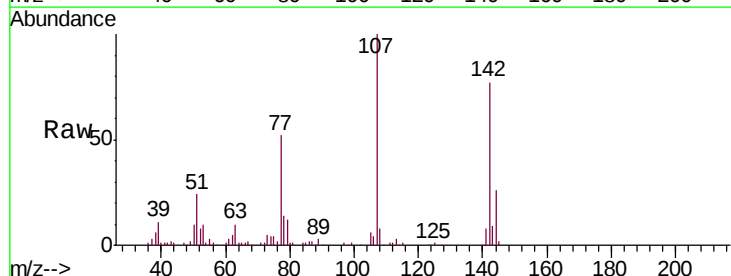
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

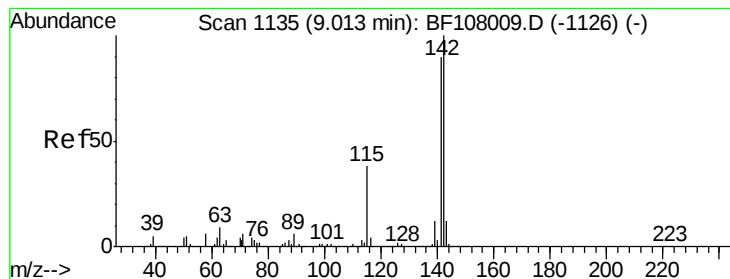
Tgt Ion:113 Resp: 43035
 Ion Ratio Lower Upper
 113 100
 55 210.1 163.3 203.3#
 56 156.0 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 32.270 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:107 Resp: 167097
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 77.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.606 ng

RT: 8.99 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

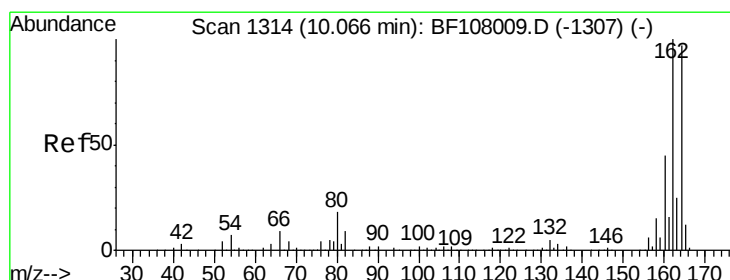
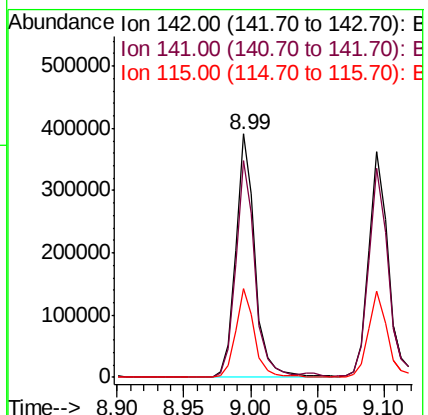
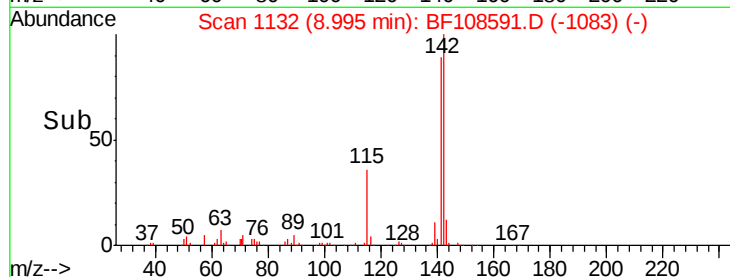
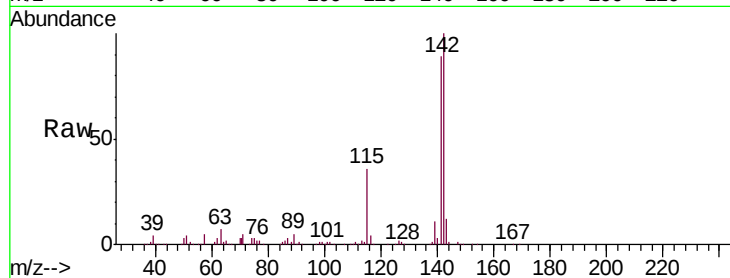
Tgt Ion:142 Resp: 394157

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

115 36.3 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

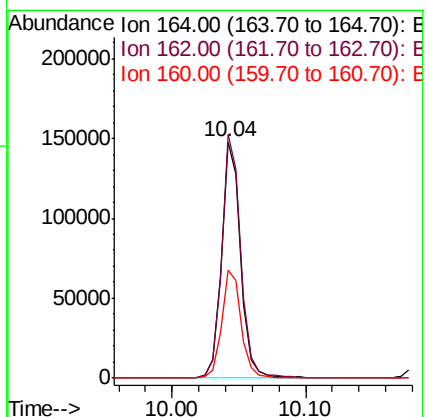
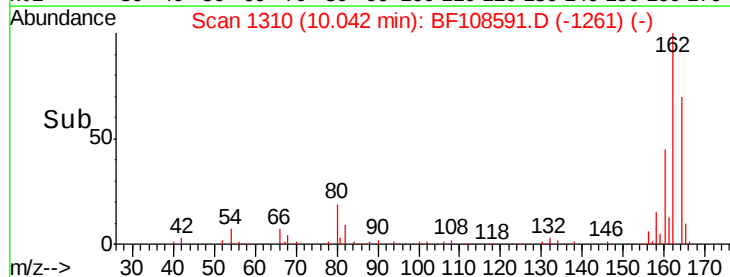
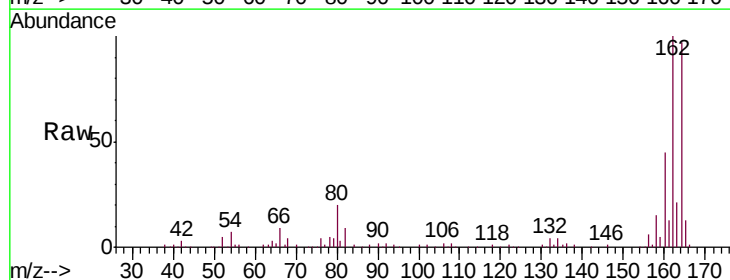
Tgt Ion:164 Resp: 148389

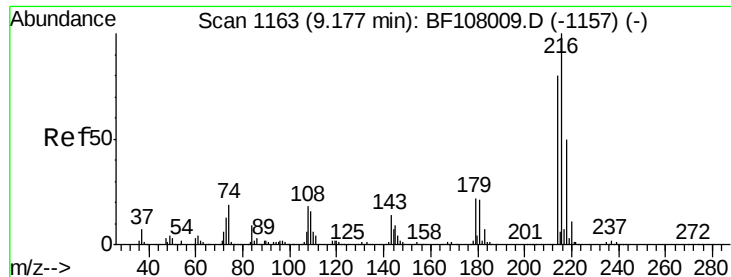
Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

160 45.8 38.3 57.5

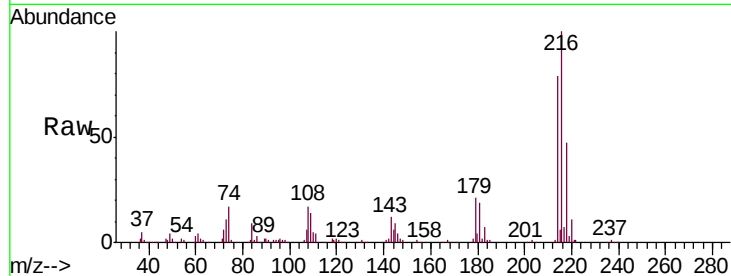




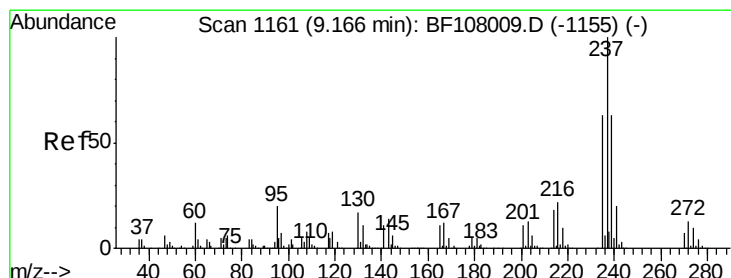
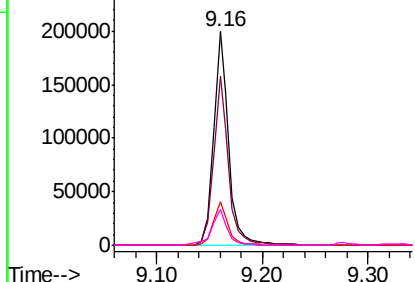
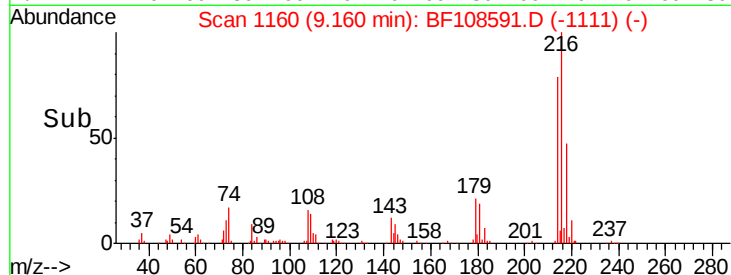
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.184 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion:	216	Resp:	201339
Ion Ratio		Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.2	18.1	27.1
108	17.1	17.2	25.8#

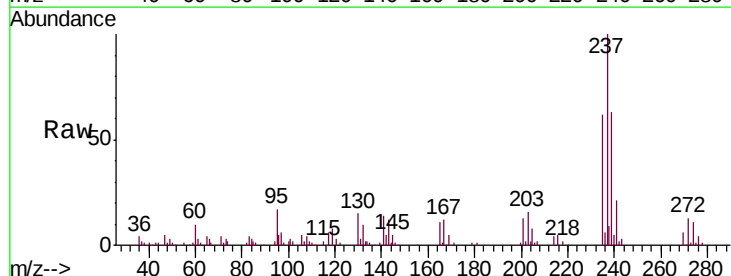


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

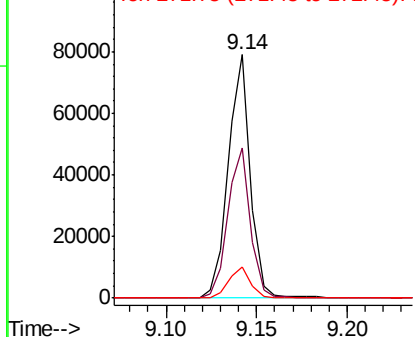
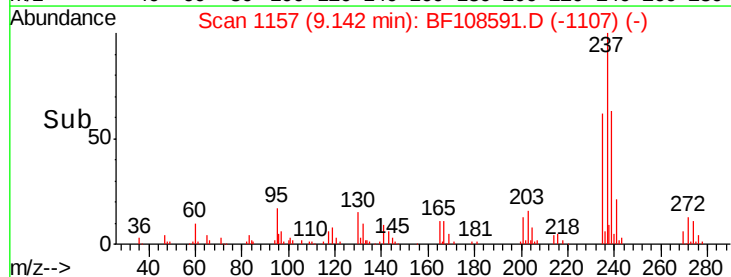


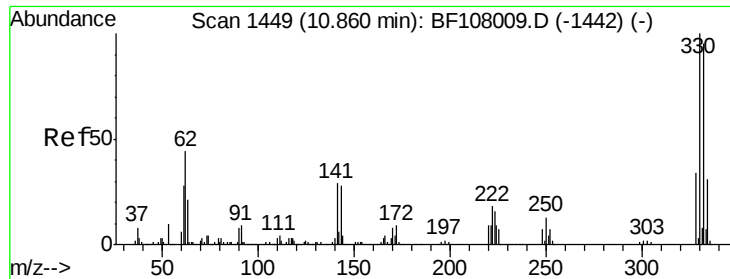
#40
 Hexachlorocyclopentadiene
 Concen: 22.764 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:	237	Resp:	67001
Ion Ratio		Lower	Upper
237	100		
235	61.9	44.8	84.8
272	12.8	0.0	33.3



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

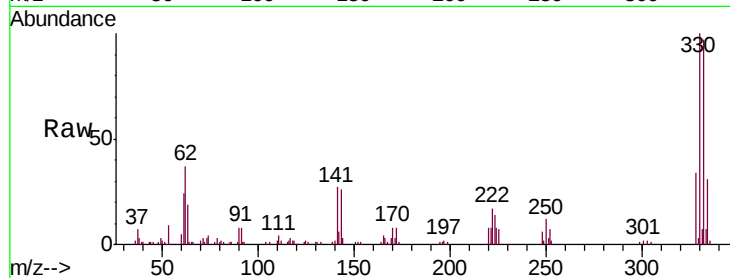




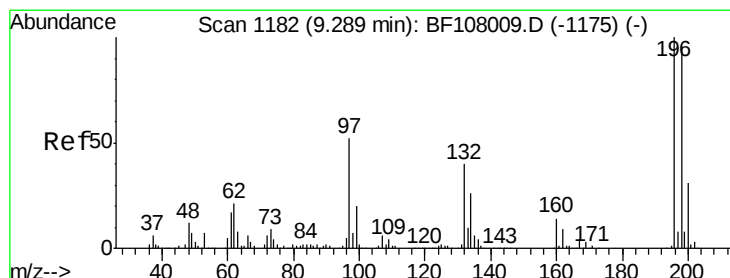
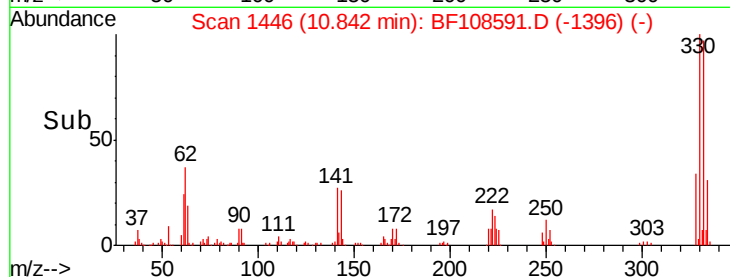
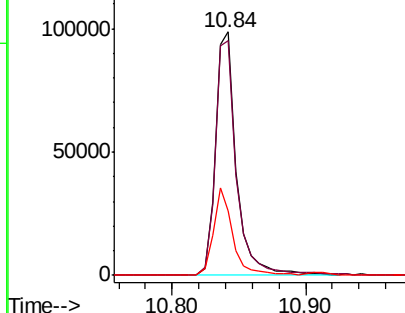
#41
 2,4,6-Tribromophenol
 Concen: 73.962 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion:330 Resp: 109475
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 32.9 29.9 44.9

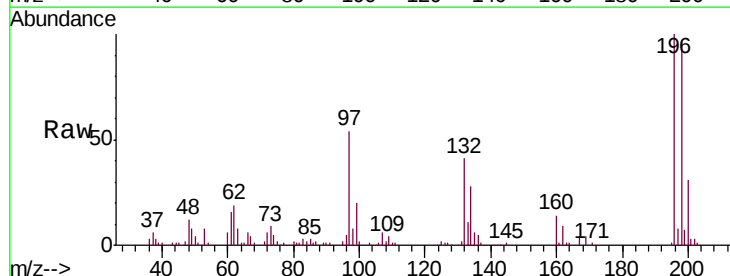


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

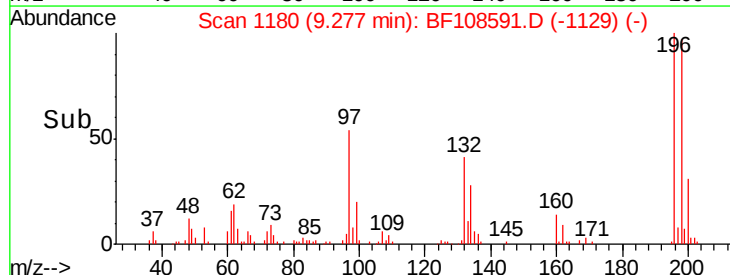
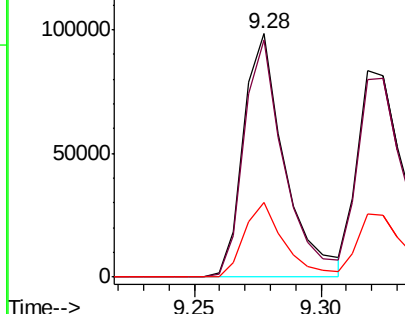


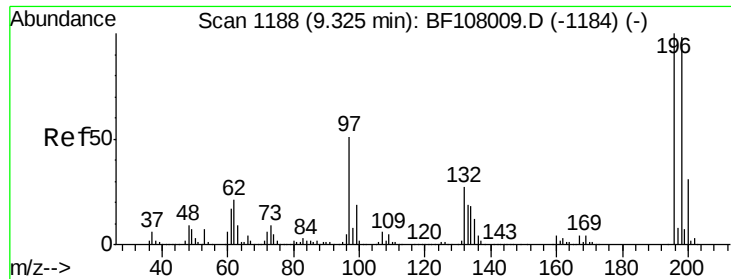
#42
 2,4,6-Trichlorophenol
 Concen: 39.448 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:196 Resp: 111550
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 200 30.7 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

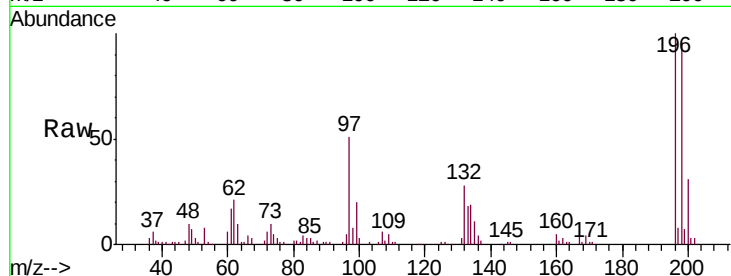




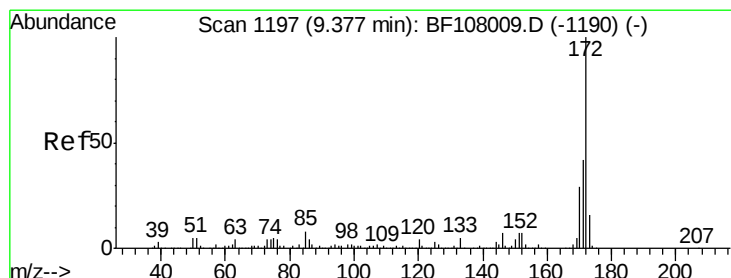
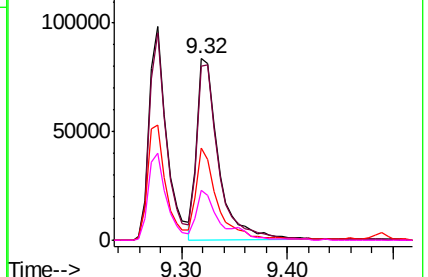
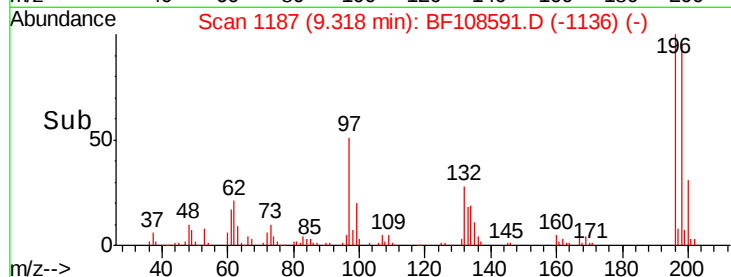
#43
 2,4,5-Trichlorophenol
 Concen: 38.477 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion:	196	Resp:	119774
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	50.8	42.9	64.3
132	27.9	26.3	39.5

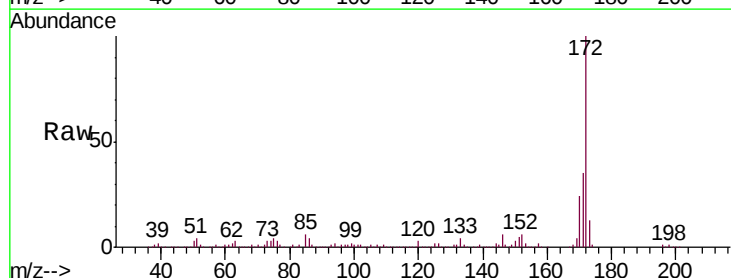


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

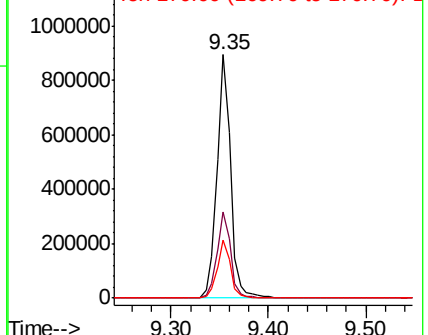
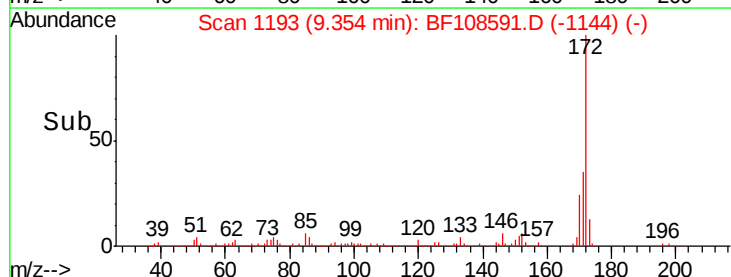


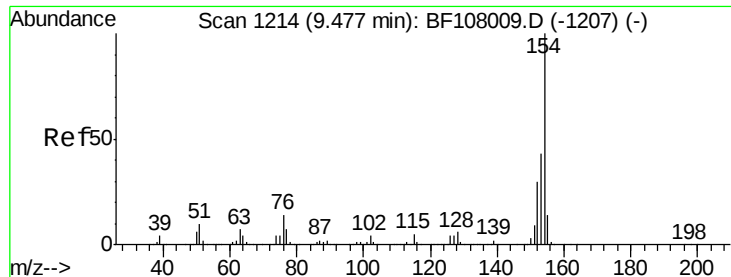
#44
 2-Fluorobiphenyl
 Concen: 93.704 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:	172	Resp:	866076
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

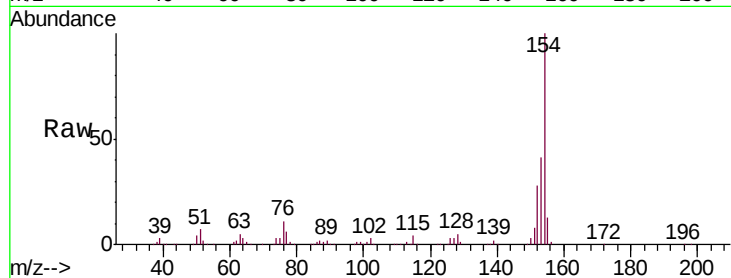




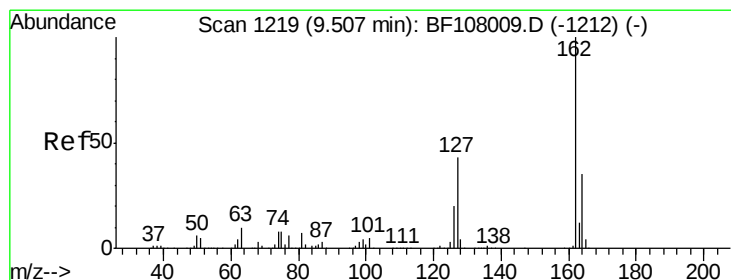
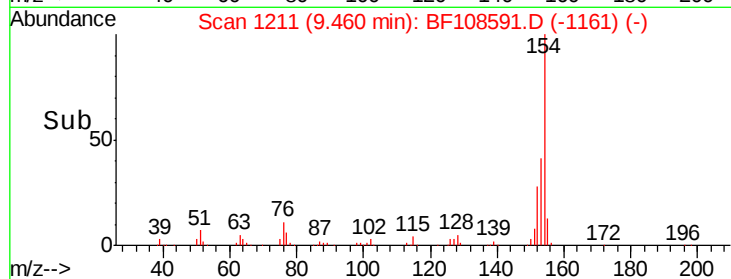
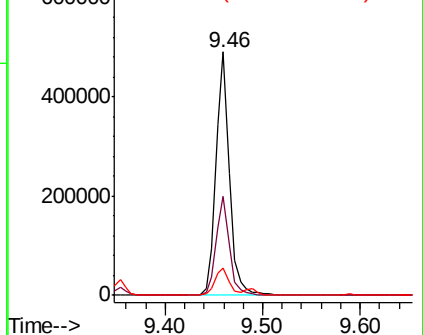
#45
 1,1'-Biphenyl
 Concen: 42.838 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	11.4	0.0	34.0

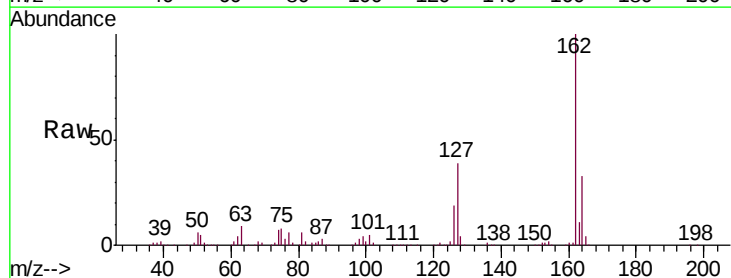


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

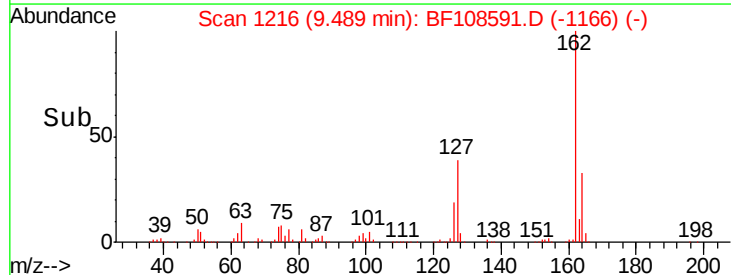
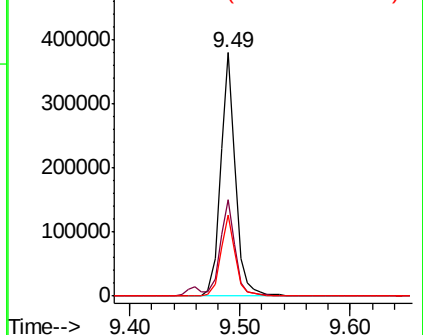


#46
 2-Chloronaphthalene
 Concen: 40.820 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	33.2	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

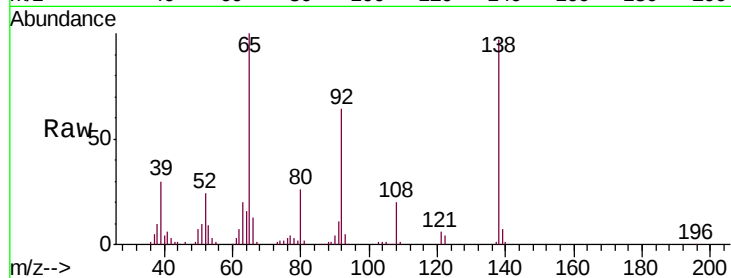




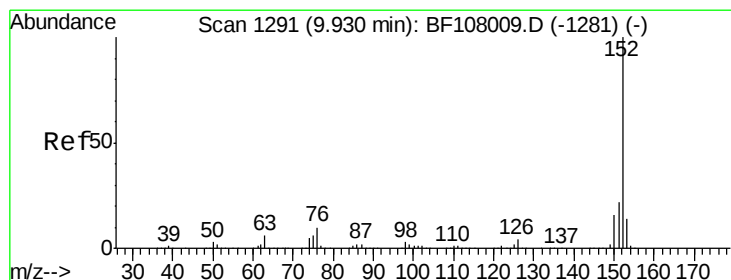
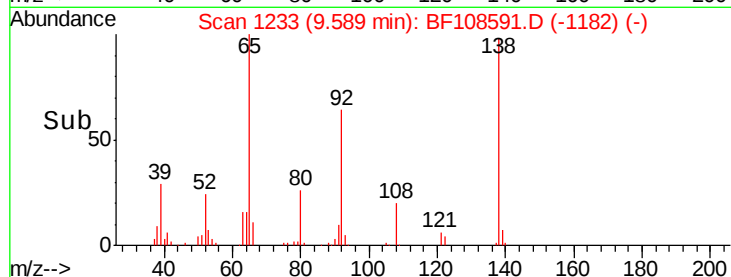
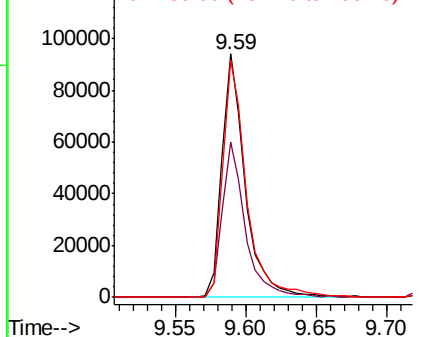
#47
2-Nitroaniline
Concen: 38.689 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion: 65 Resp: 108247
Ion Ratio Lower Upper
65 100
92 64.0 55.8 83.6
138 97.3 91.2 136.8

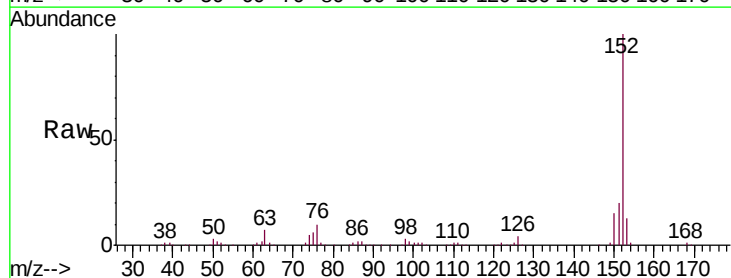


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

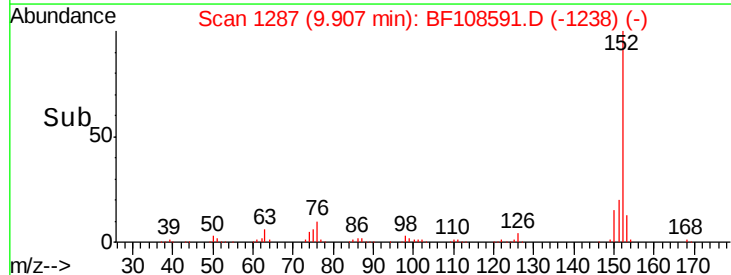
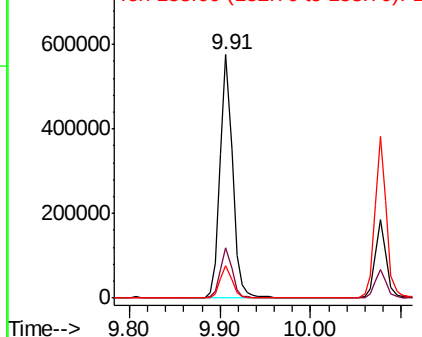


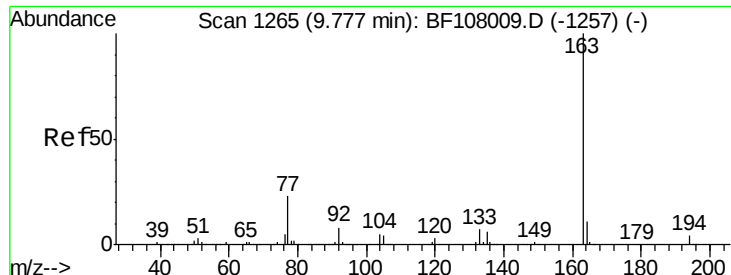
#48
Acenaphthylene
Concen: 39.806 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion: 152 Resp: 544172
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1



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

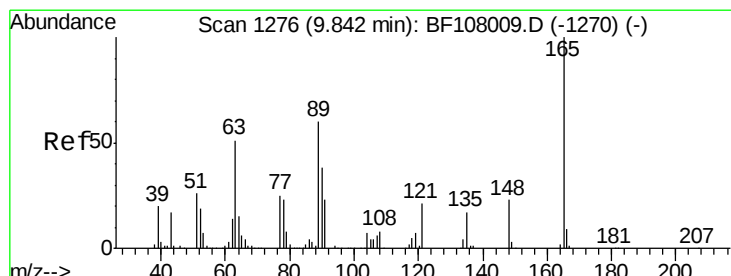
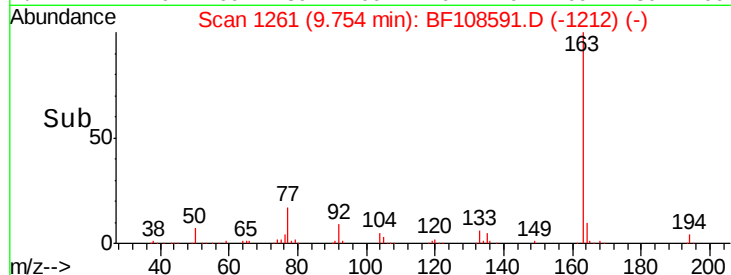
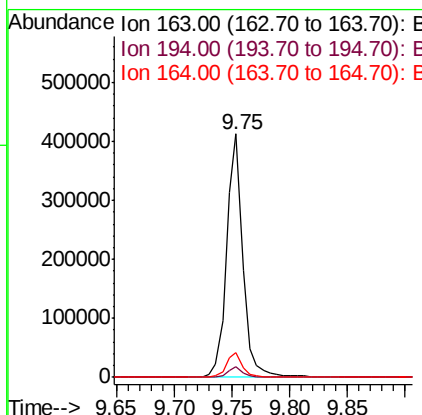
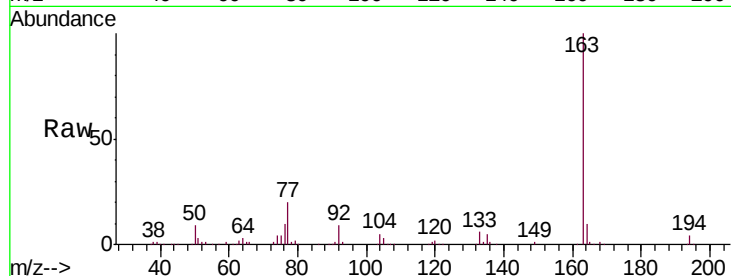




#49
Dimethylphthalate
Concen: 38.946 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

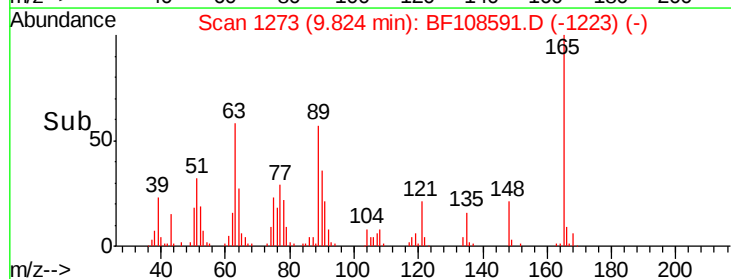
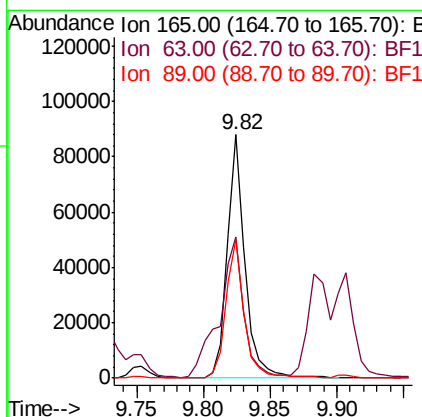
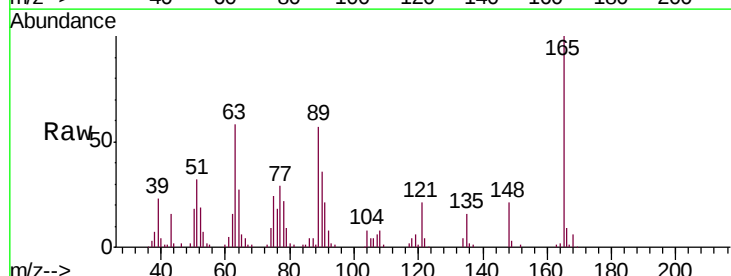
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.0	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 38.349 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	44.7	67.1
89	56.7	44.0	66.0





#51

Acenaphthene

Concen: 38.575 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

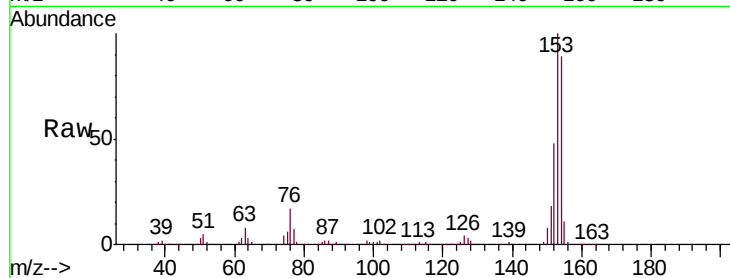
Tgt Ion:154 Resp: 322994

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

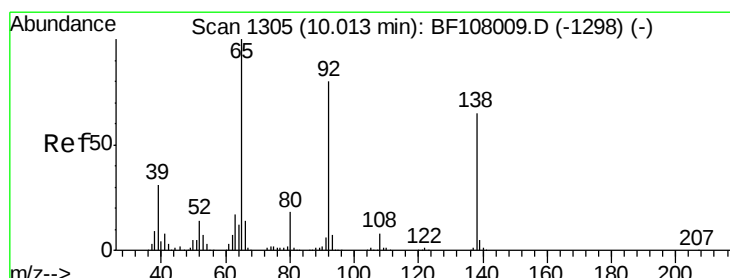
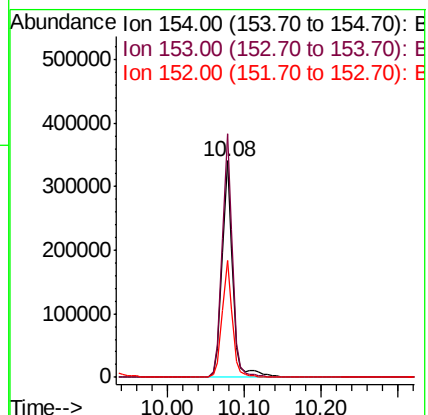
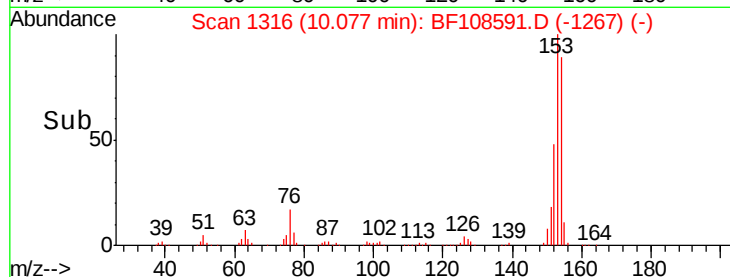
152 54.2 43.8 65.8



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: 19.903 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

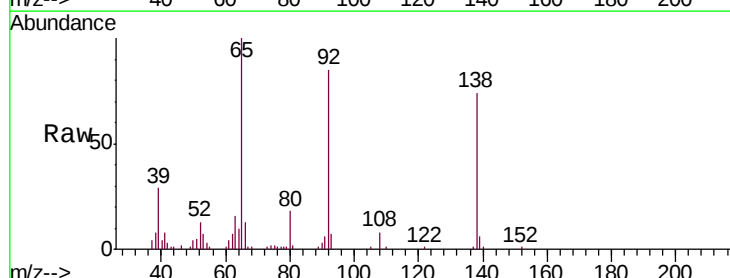
Tgt Ion:138 Resp: 47094

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

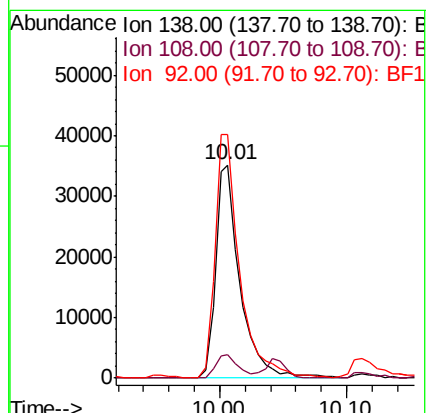
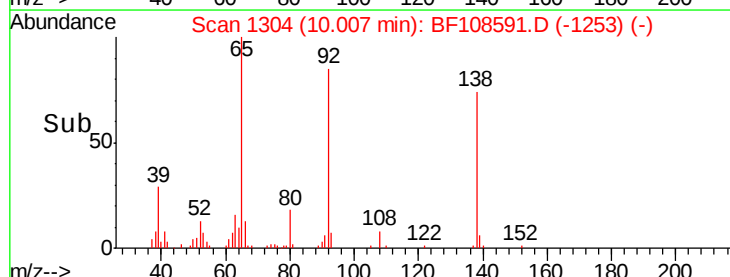
92 114.1 89.4 134.2

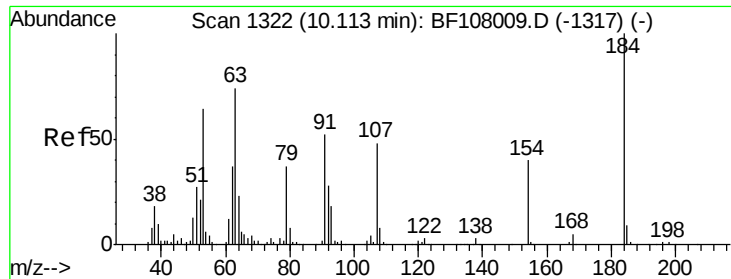


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

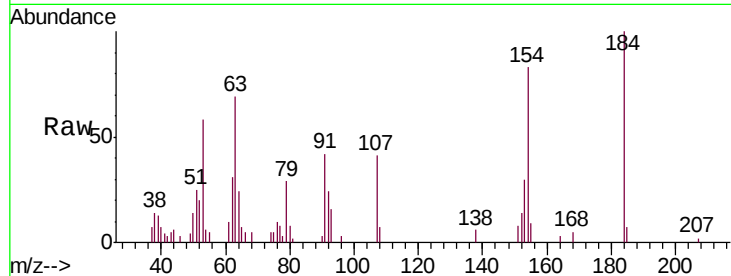




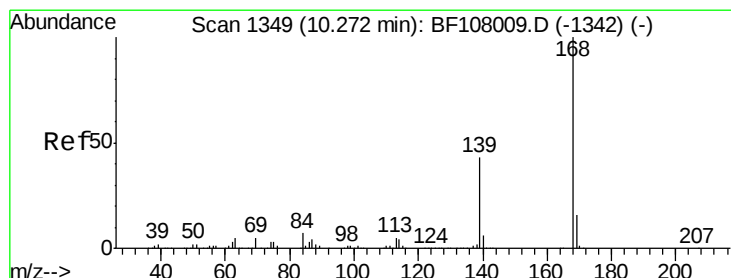
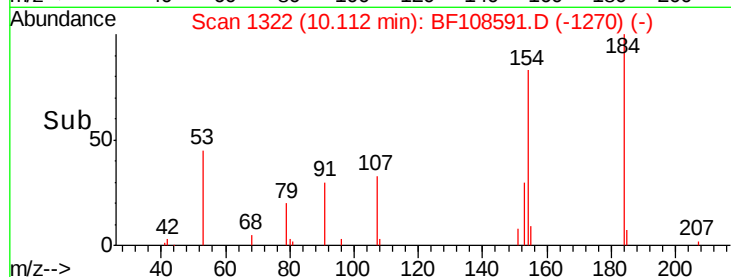
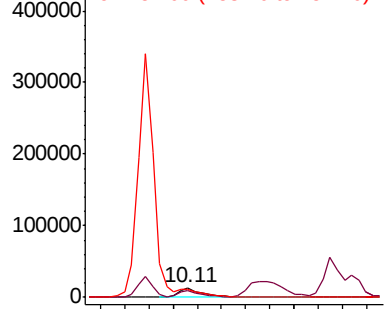
#53
2,4-Dinitrophenol
Concen: 28.838 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion:184 Resp: 19356
Ion Ratio Lower Upper
184 100
63 68.6 54.2 81.2
154 83.4 184.0 276.0#

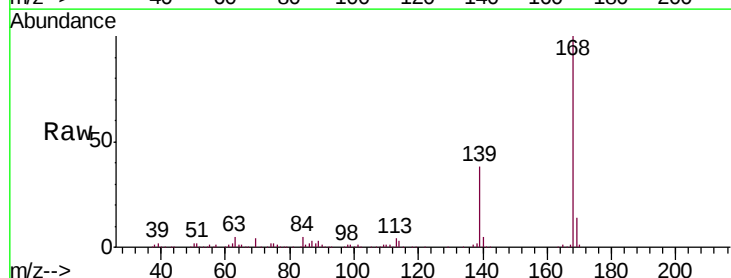


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

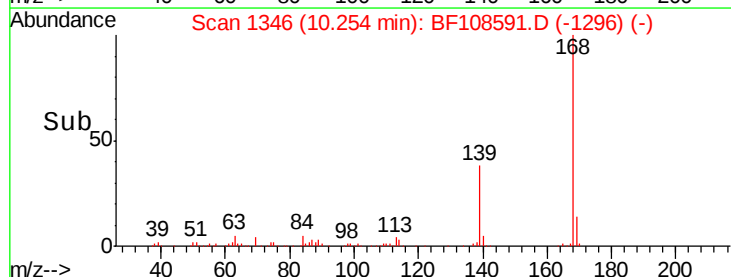
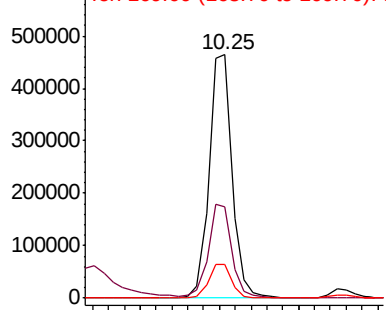


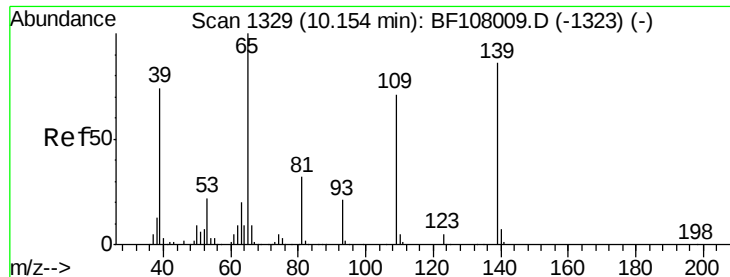
#54
Dibenzofuran
Concen: 38.464 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:168 Resp: 466598
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.8 10.9 16.3



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

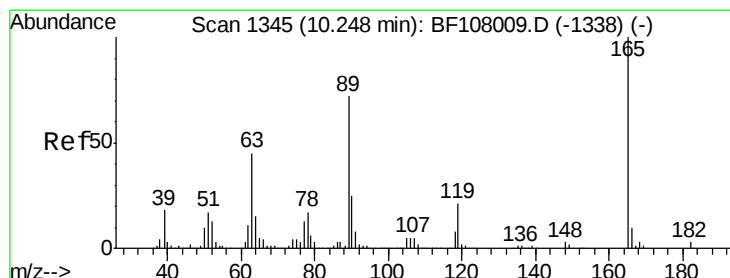
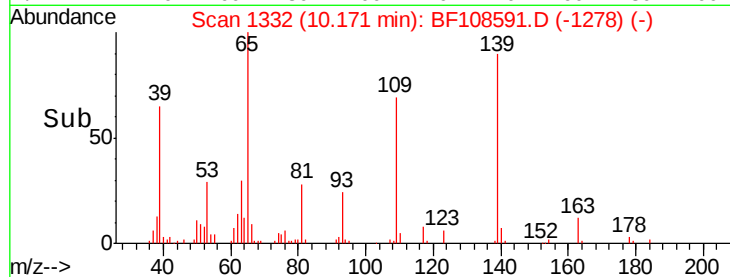
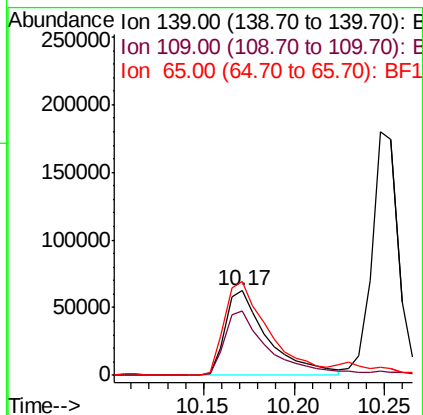
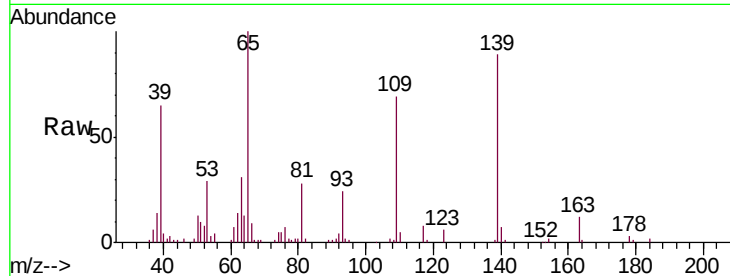




#55
4-Nitrophenol
Concen: 57.302 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

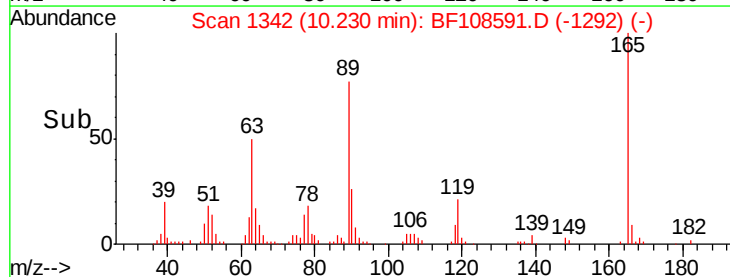
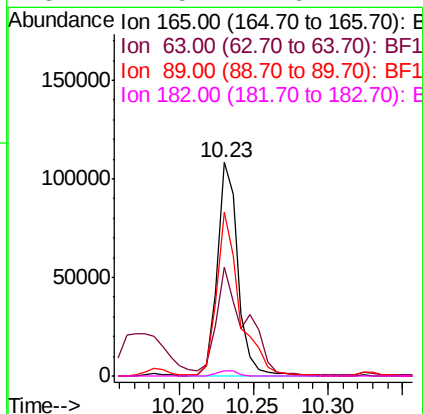
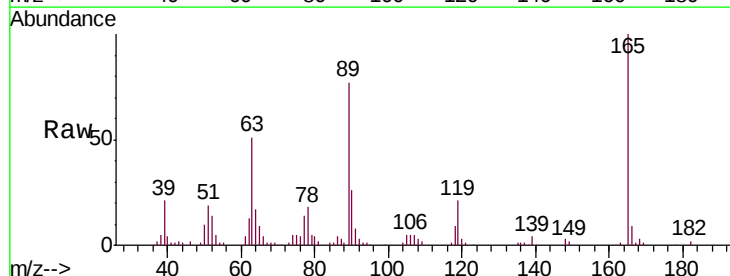
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

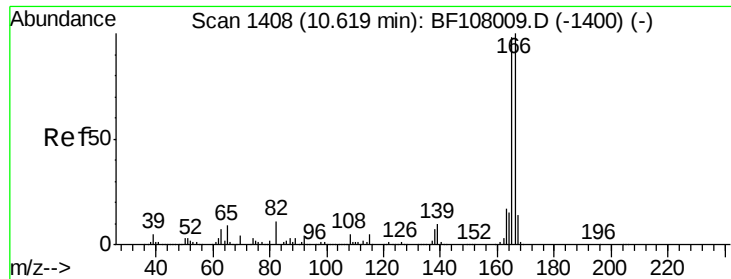
Tgt Ion:139 Resp: 102673
Ion Ratio Lower Upper
139 100
109 77.2 48.4 88.4
65 111.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.924 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:165 Resp: 105569
Ion Ratio Lower Upper
165 100
63 51.3 36.4 54.6
89 76.9 57.8 86.6
182 2.5 1.6 2.4#

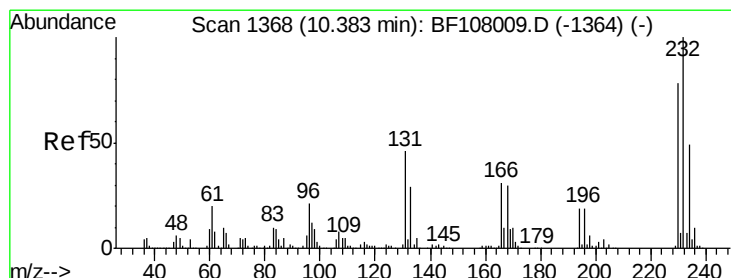
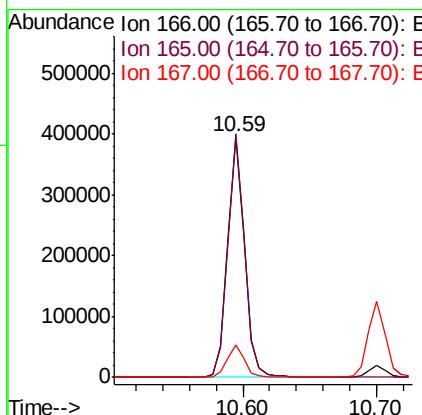
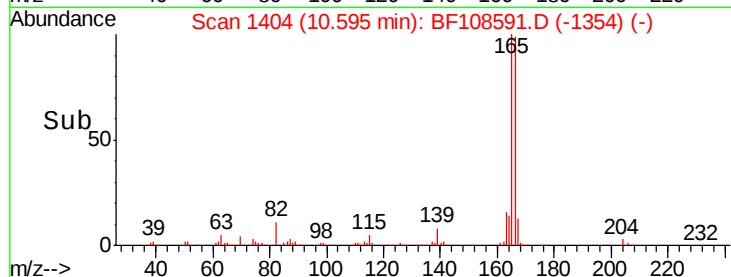
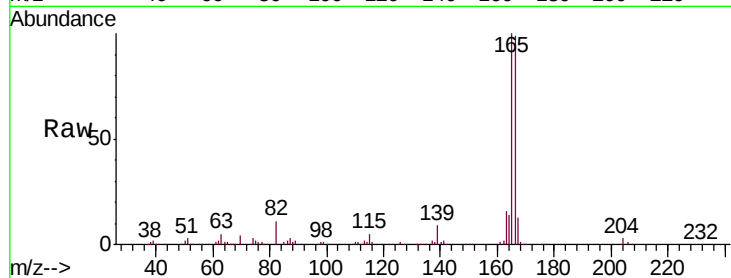




#57
 Fluorene
 Concen: 37.294 ng
 RT: 10.59 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

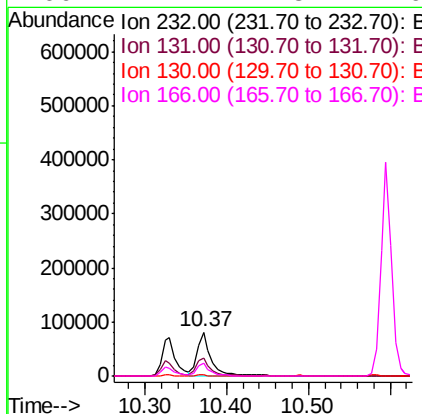
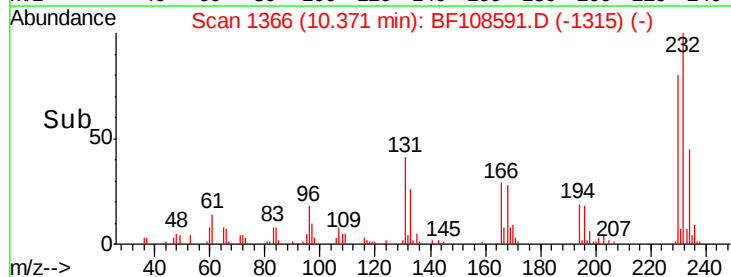
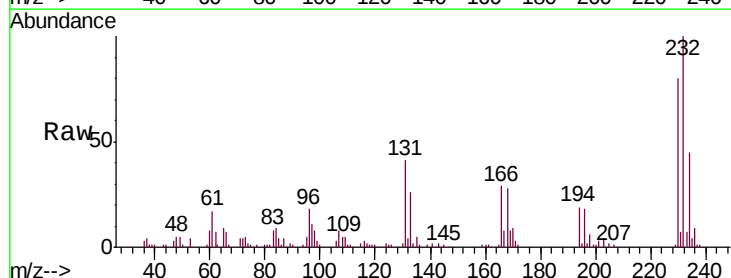
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

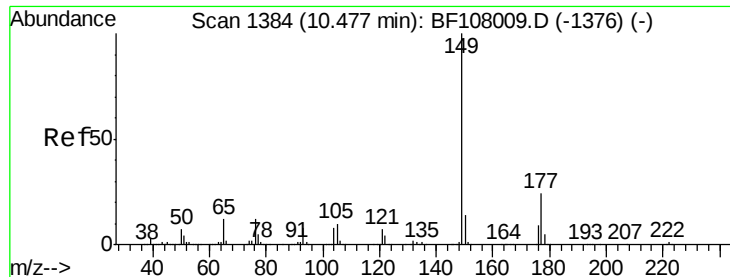
Tgt Ion:166 Resp: 358130
 Ion Ratio Lower Upper
 166 100
 165 101.3 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.146 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:232 Resp: 96647
 Ion Ratio Lower Upper
 232 100
 131 39.4 43.8 65.8#
 130 2.0 2.1 3.1#
 166 27.2 27.8 41.6#

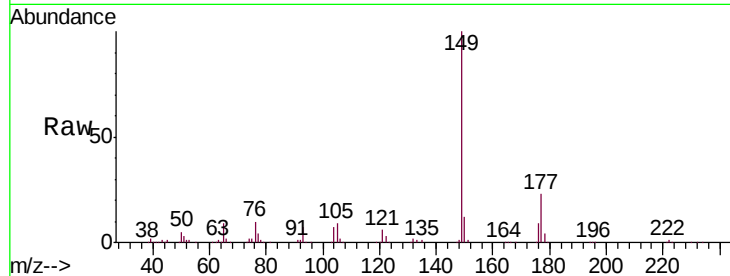




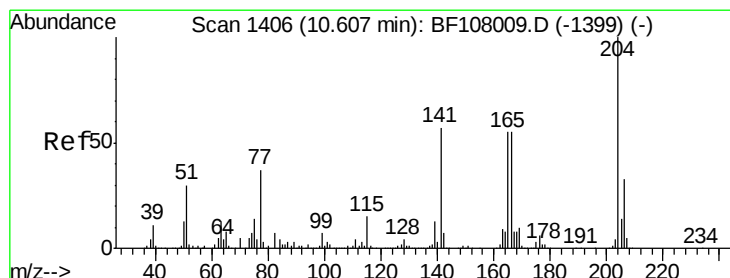
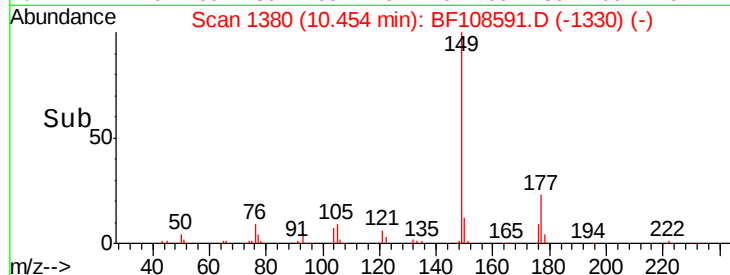
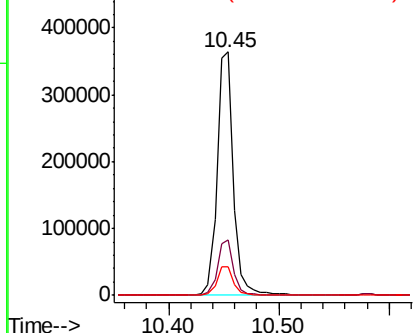
#59
Diethylphthalate
Concen: 37.157 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion:149 Resp: 371911
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 11.9 10.1 15.1

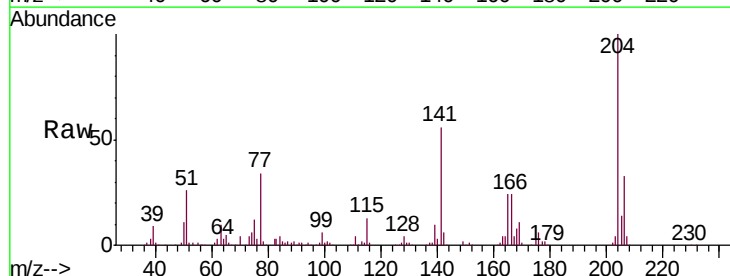


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

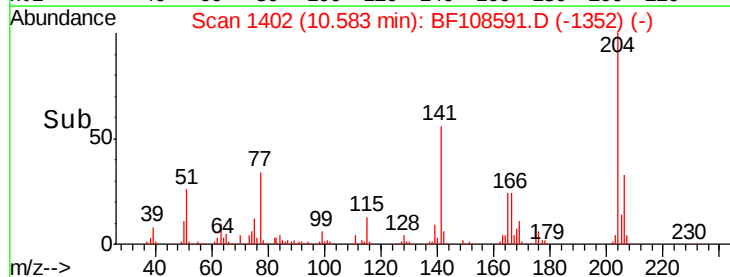
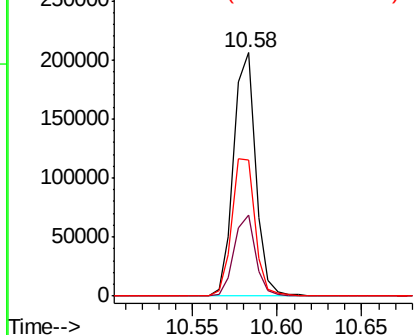


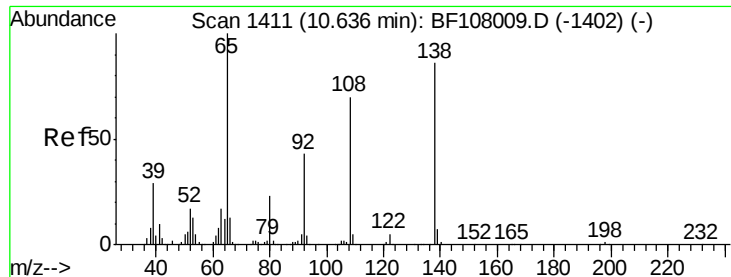
#60
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:204 Resp: 187133
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.0 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

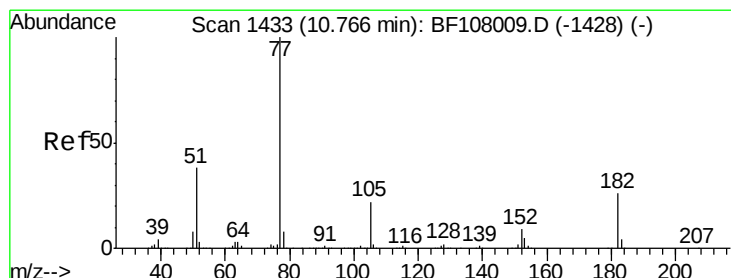
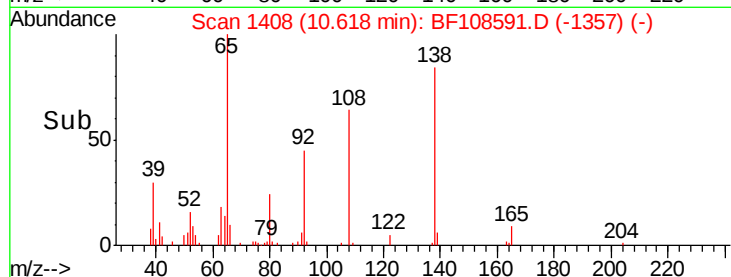
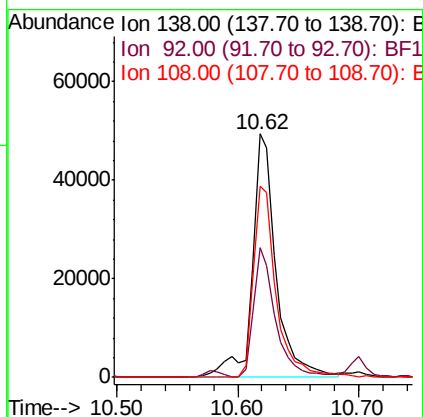
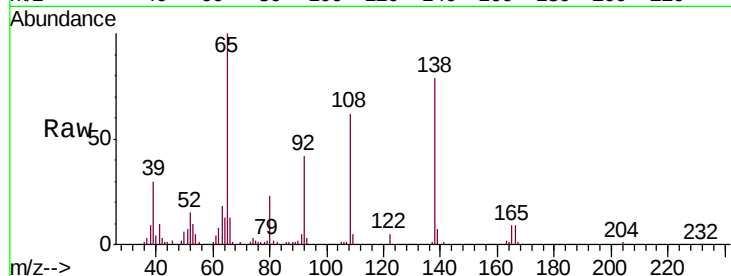




#61
4-Nitroaniline
Concen: 28.951 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

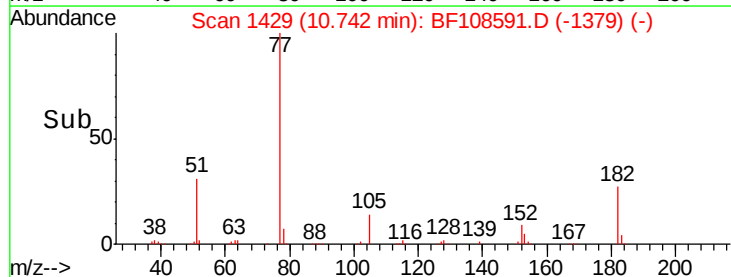
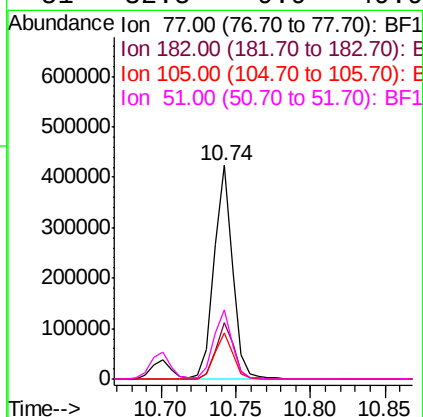
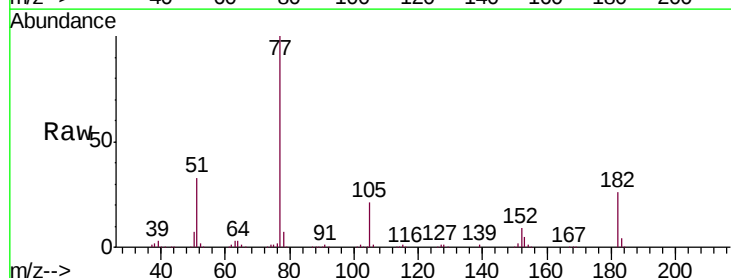
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

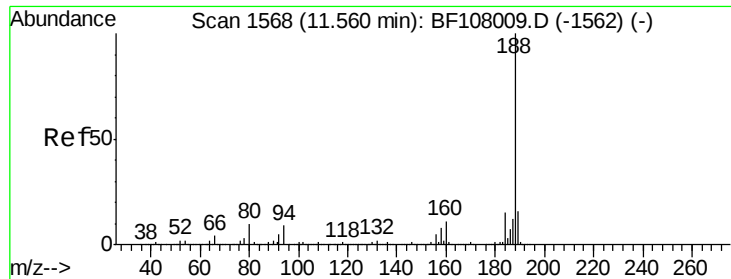
Tgt Ion:138 Resp: 67728
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 78.7 52.5 92.5



#62
Azobenzene
Concen: 35.288 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion: 77 Resp: 364760
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 21.4 3.0 43.0
51 32.5 9.9 49.9

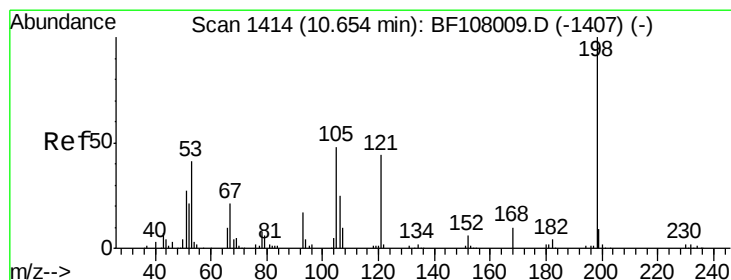
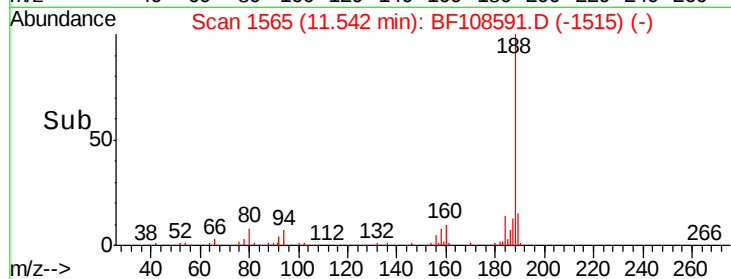
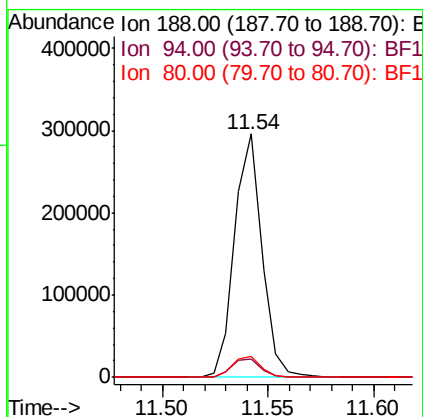
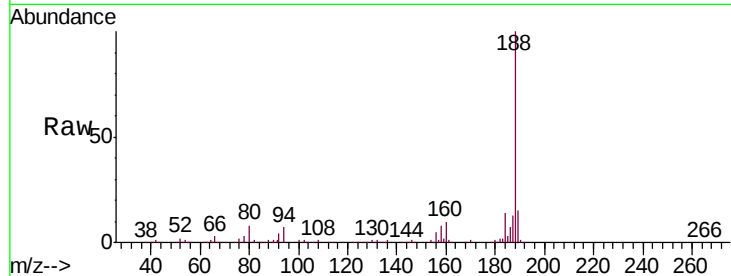




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

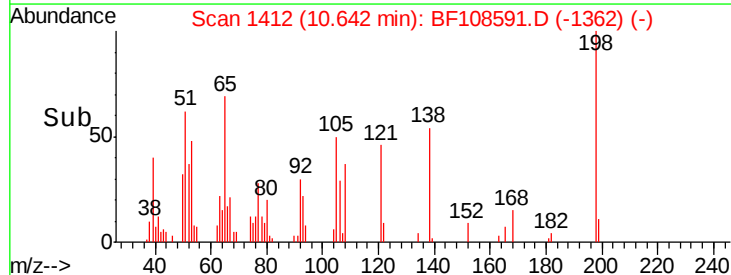
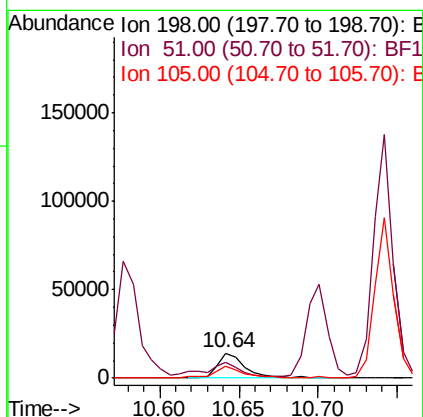
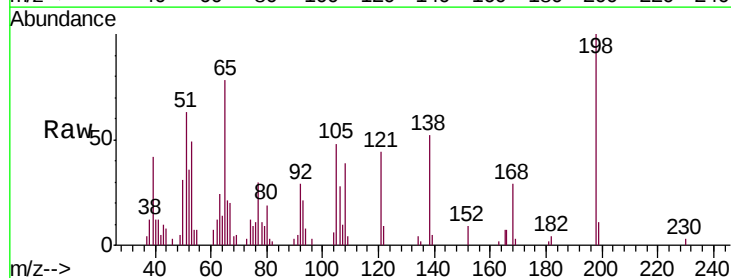
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

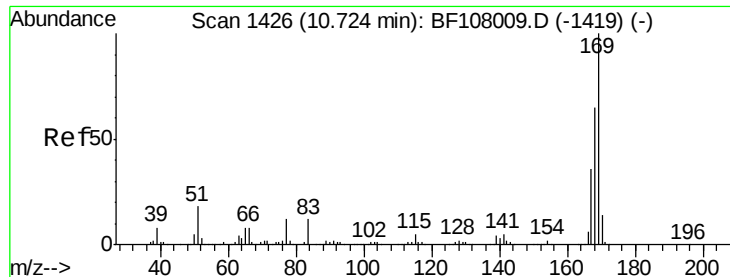
Tgt Ion:188 Resp: 265430
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.4 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 20.270 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:198 Resp: 16727
Ion Ratio Lower Upper
198 100
51 62.8 37.7 77.7
105 48.4 36.3 76.3

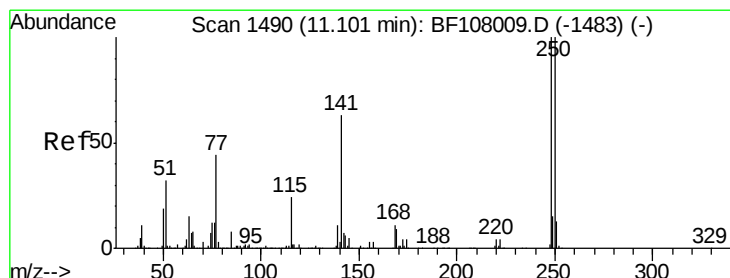
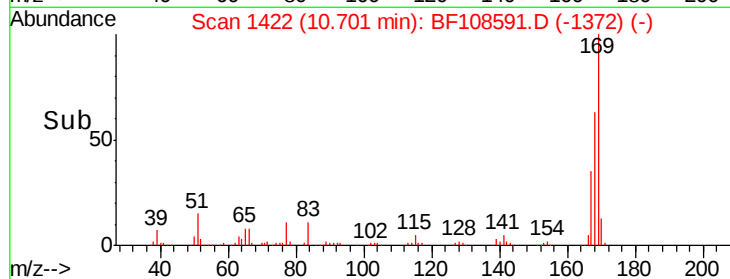
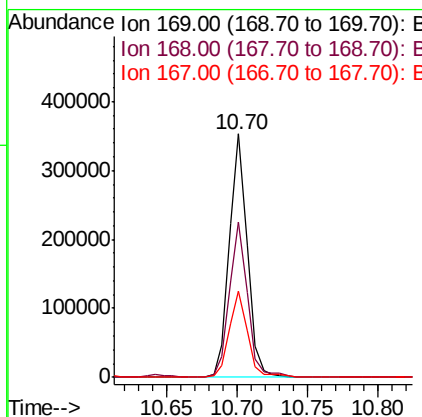
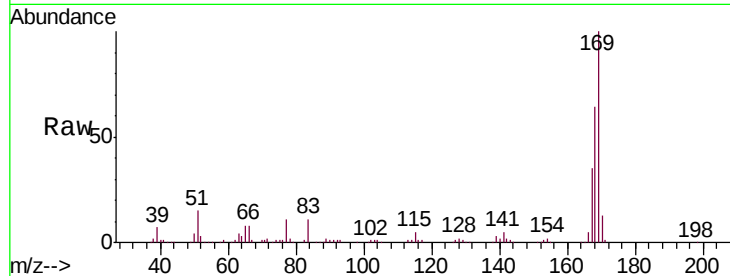




#65
 n-Nitrosodiphenylamine
 Concen: 40.008 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

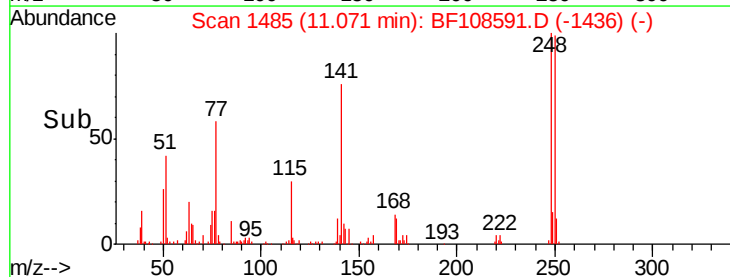
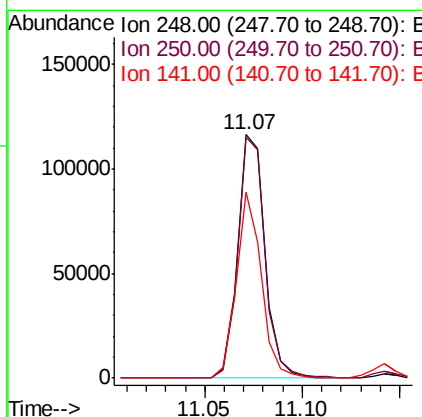
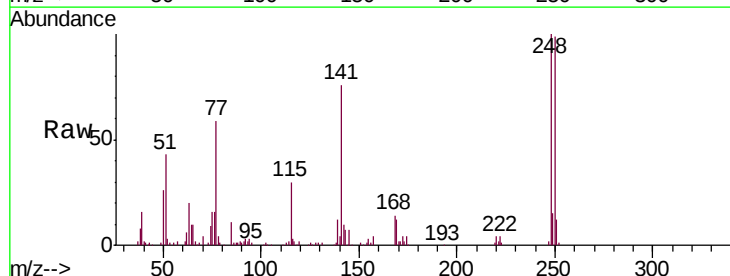
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

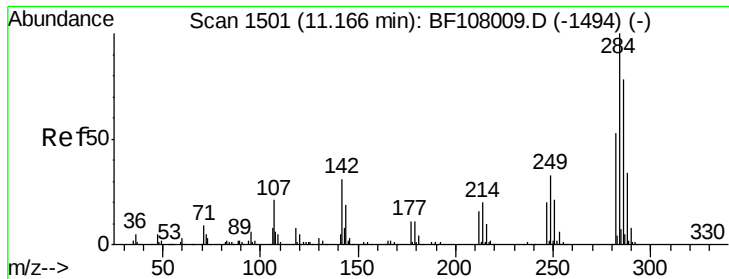
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.071 ng
 RT: 11.07 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.9	115.3
141	76.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 39.439 ng

RT: 11.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

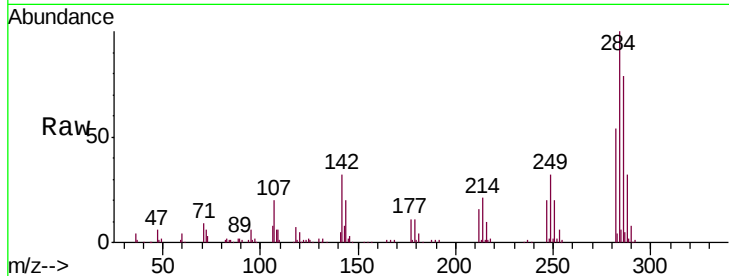
Instrument :

BNA_F

ClientSampleId :

PB112433BSD

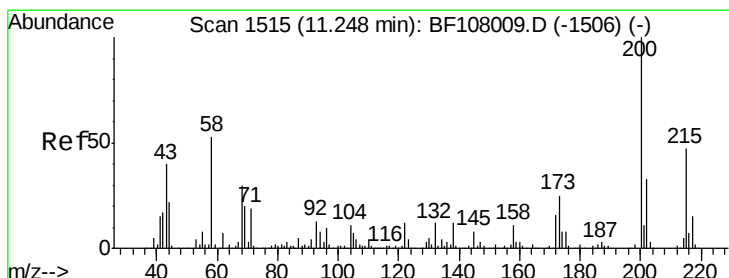
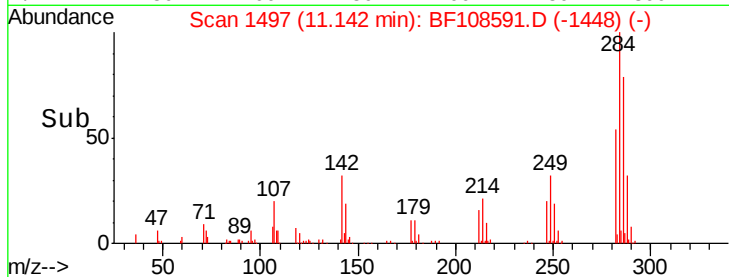
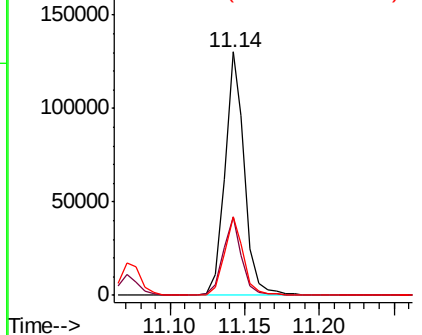
Tgt Ion:	284	Resp:	119697
Ion Ratio	Lower	Upper	
284	100		
142	32.2	34.6	52.0#
249	32.4	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.477 ng

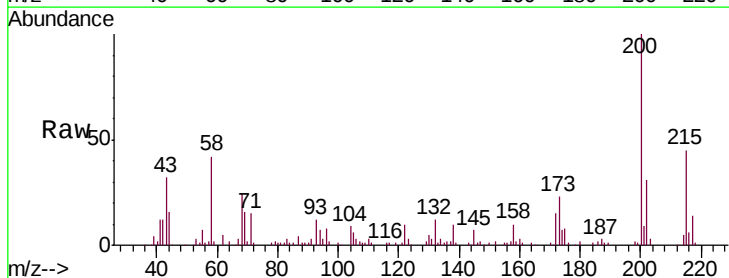
RT: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

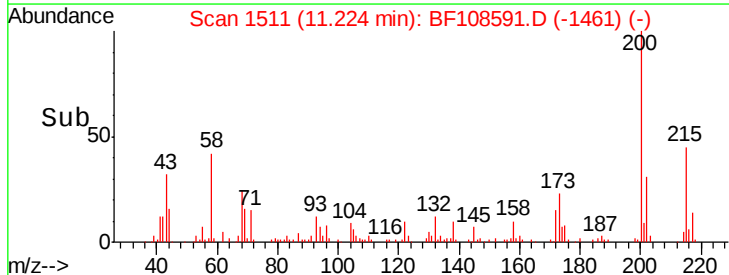
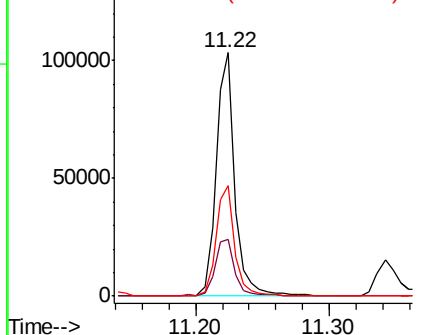
Tgt Ion:	200	Resp:	101226
Ion Ratio	Lower	Upper	
200	100		
173	23.2	8.6	48.6
215	45.4	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

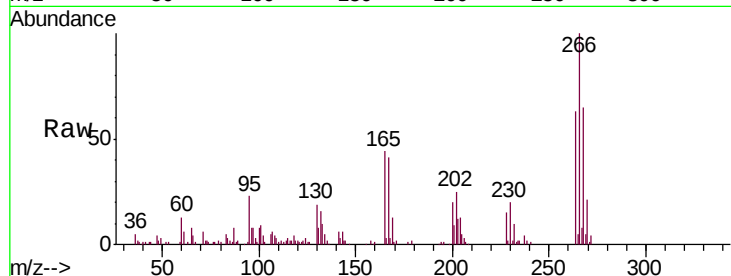




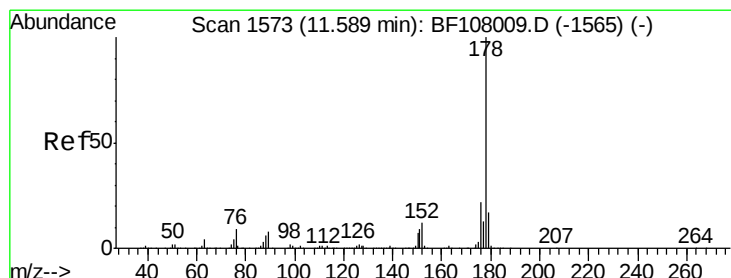
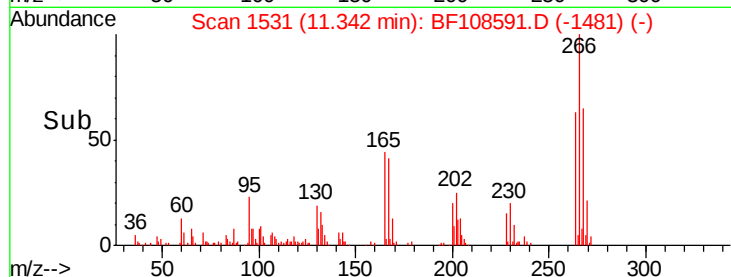
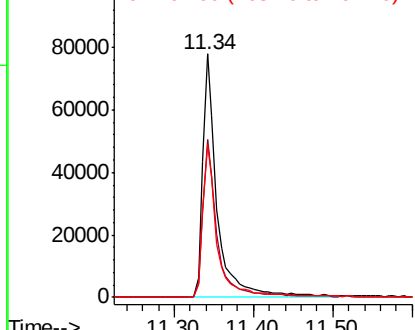
#69
 Pentachlorophenol
 Concen: 69.700 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion:266 Resp: 101251
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 62.7 49.5 74.3

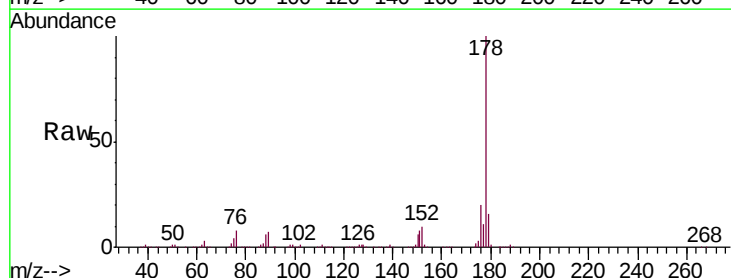


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

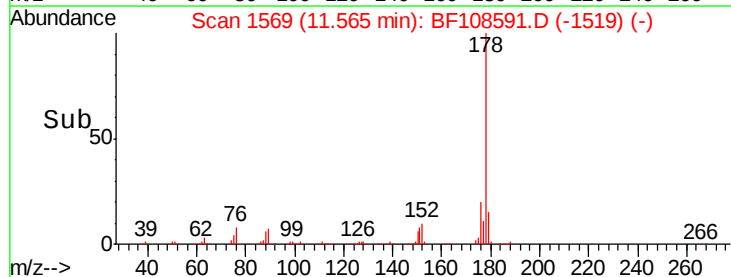
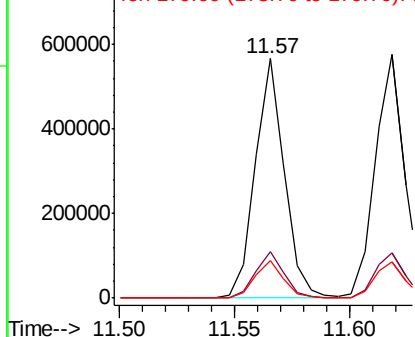


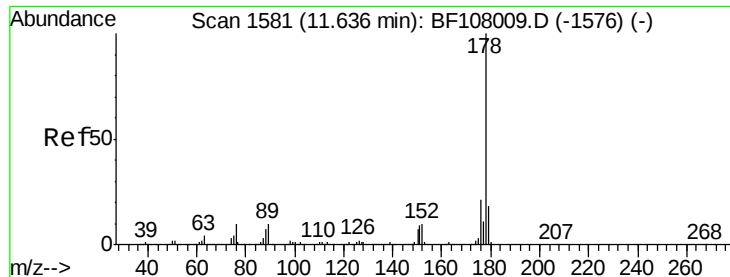
#70
 Phenanthrene
 Concen: 40.002 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:178 Resp: 500798
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 13.0 19.6



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

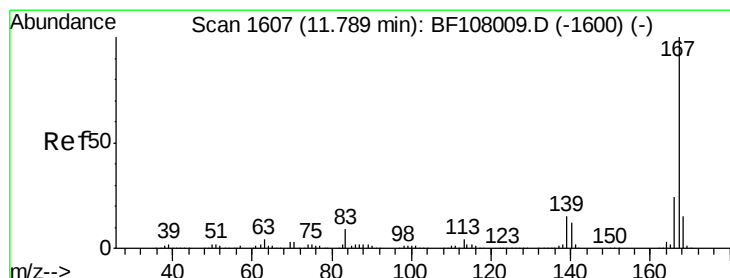
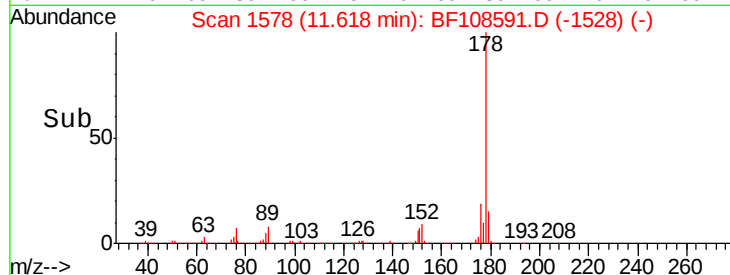
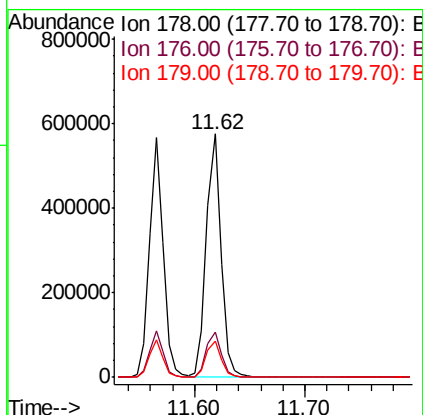
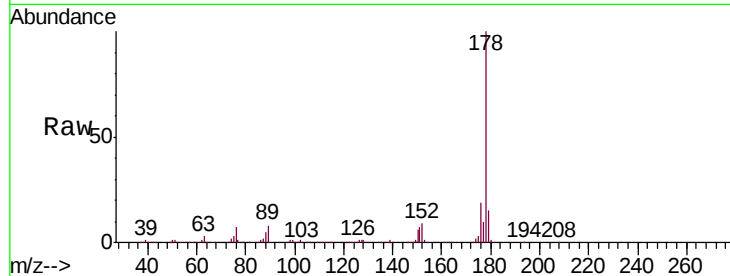




#71
 Anthracene
 Concen: 40.314 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

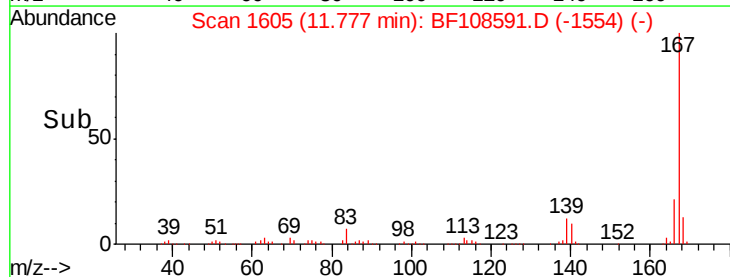
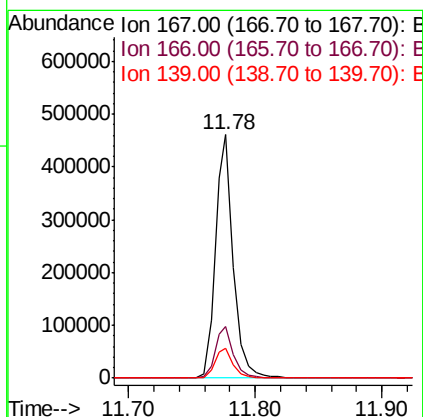
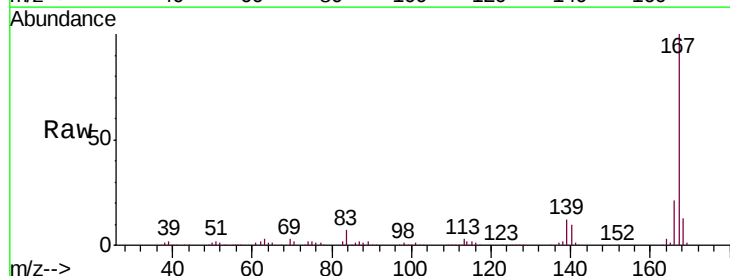
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	19.0



#72
 Carbazole
 Concen: 39.795 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.6	26.4
139	12.2	10.9	16.3

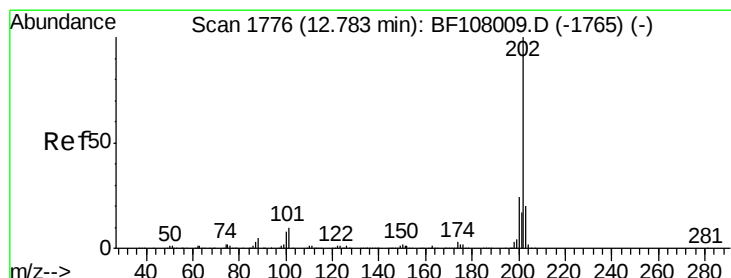
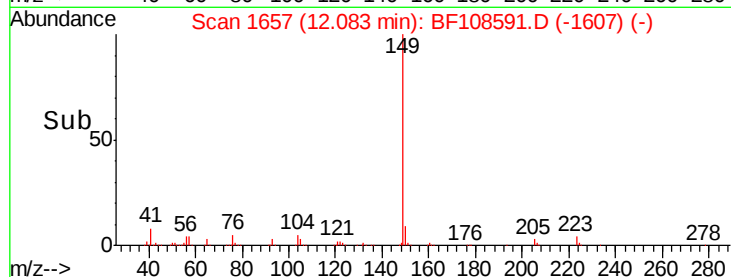
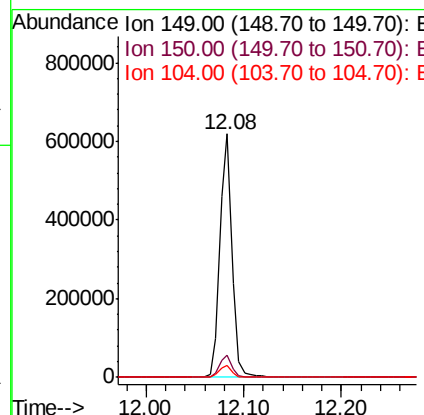
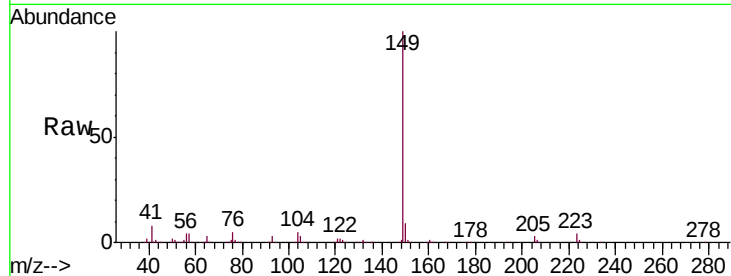




#73
Di-n-butylphthalate
Concen: 41.070 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

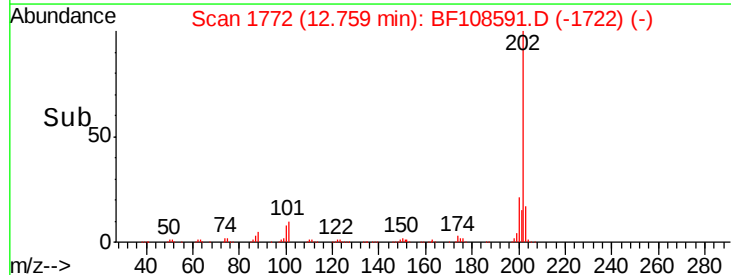
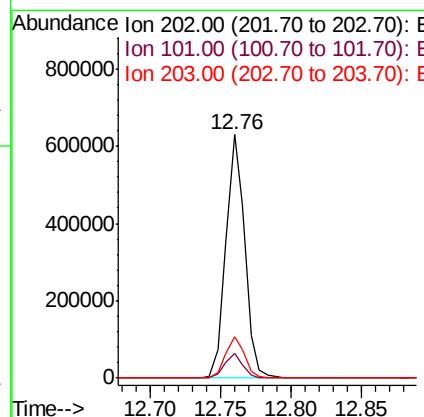
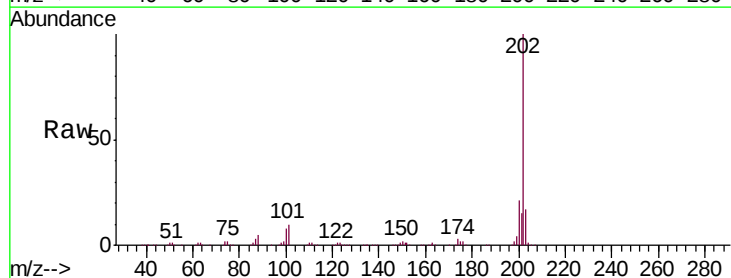
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

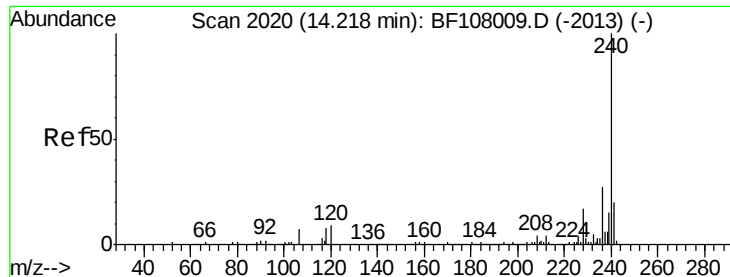
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.9	3.8	5.8



#74
Fluoranthene
Concen: 42.808 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.1	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: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

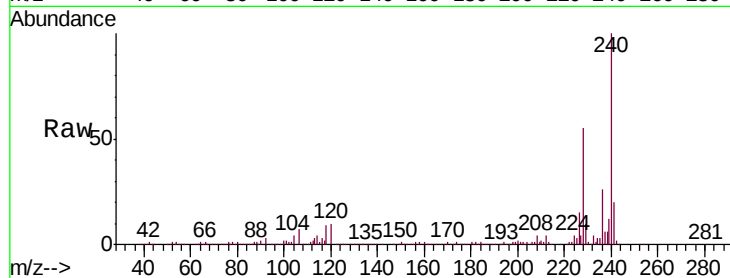
Tgt Ion:240 Resp: 273245

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

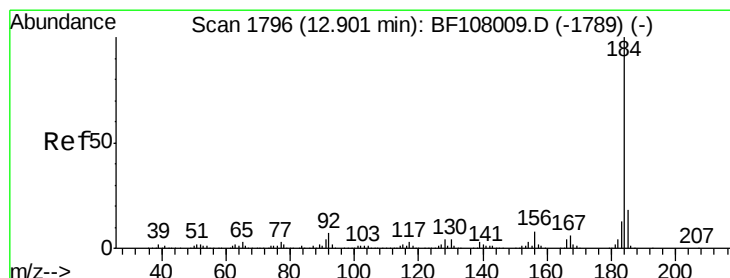
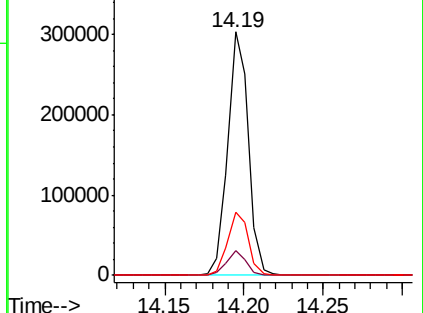
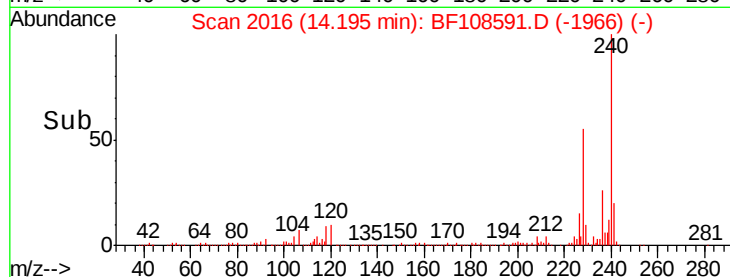
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.688 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

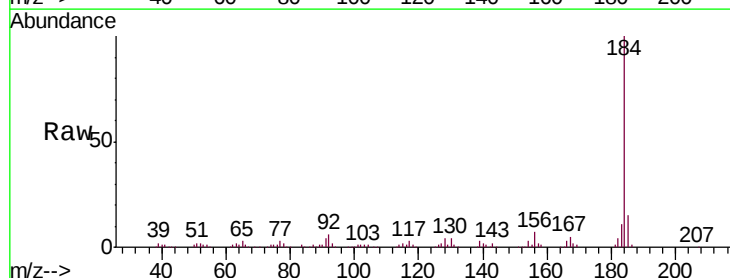
Tgt Ion:184 Resp: 200998

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

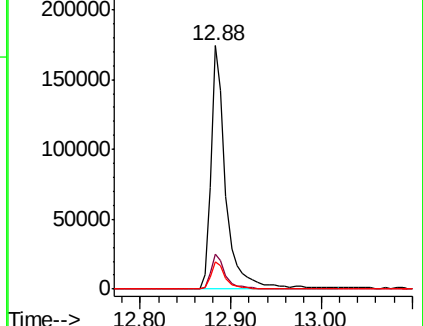
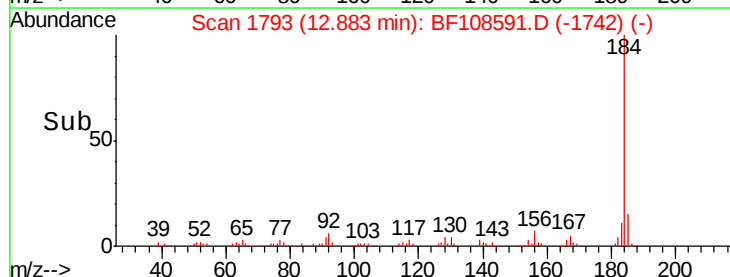
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

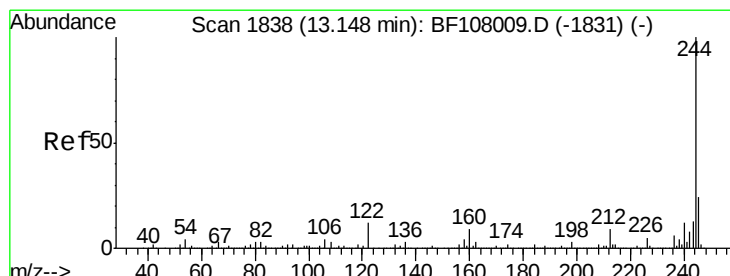
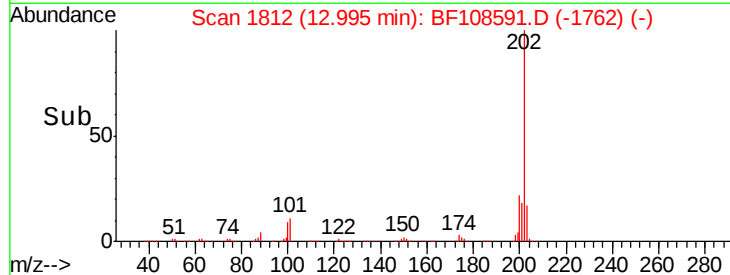
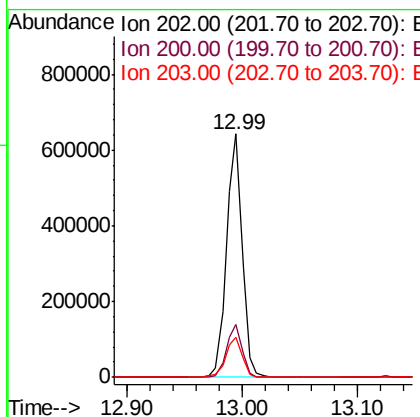
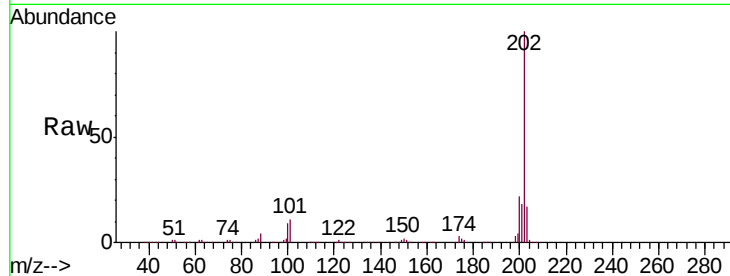




#77
 Pyrene
 Concen: 34.797 ng
 RT: 12.99 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

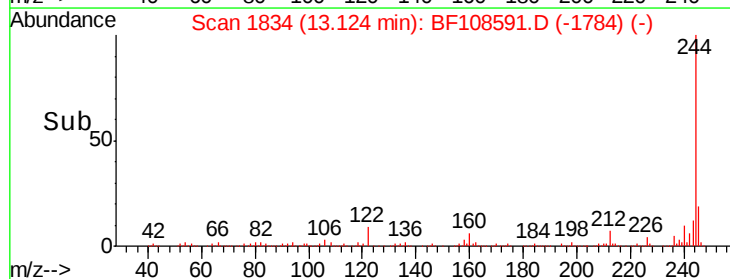
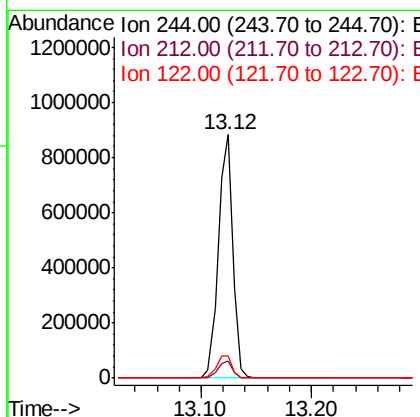
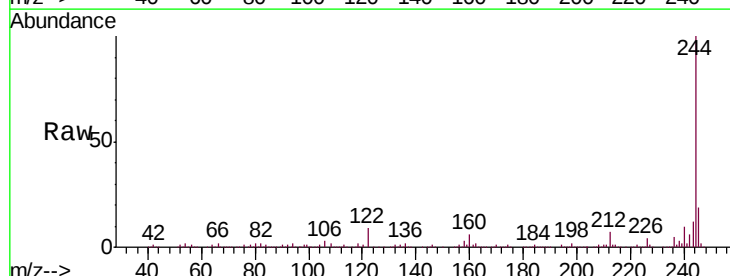
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

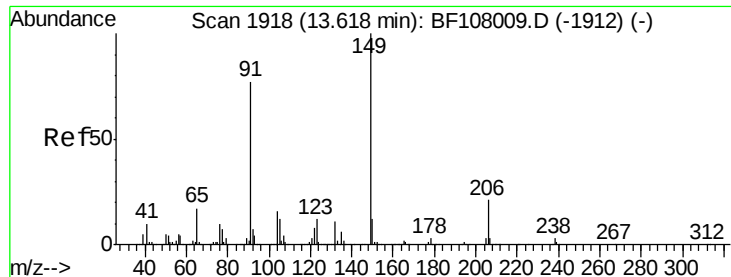
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	16.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 74.453 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.9	11.0	16.4

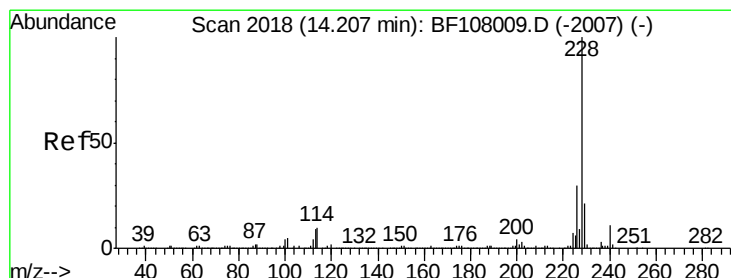
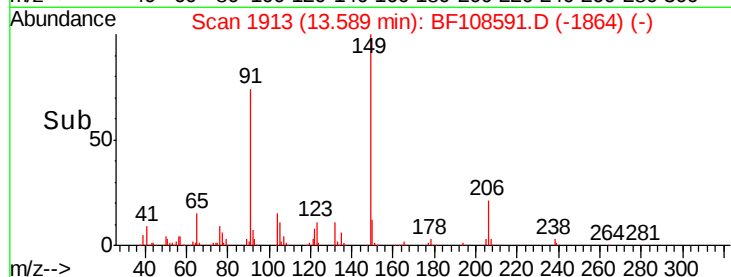
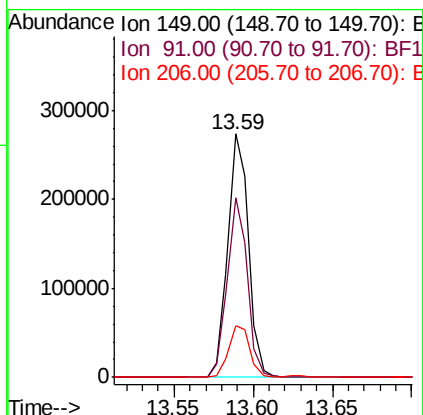
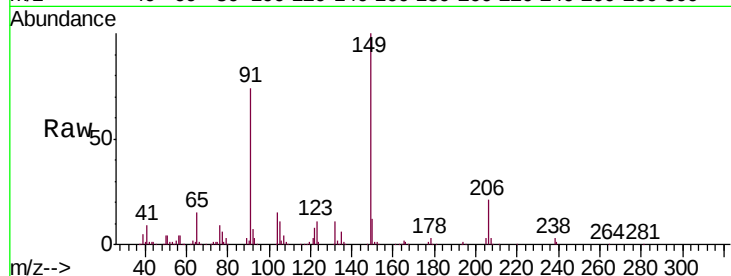




#79
Butylbenzylphthalate
Concen: 36.285 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

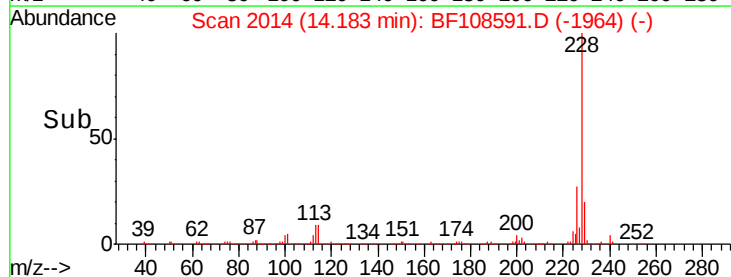
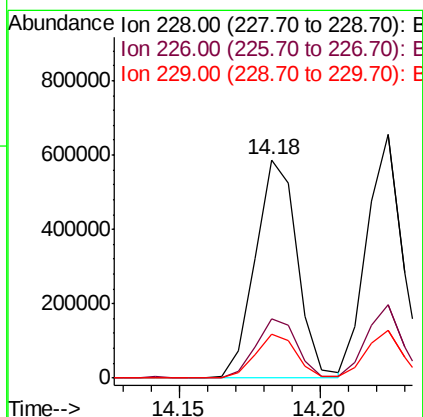
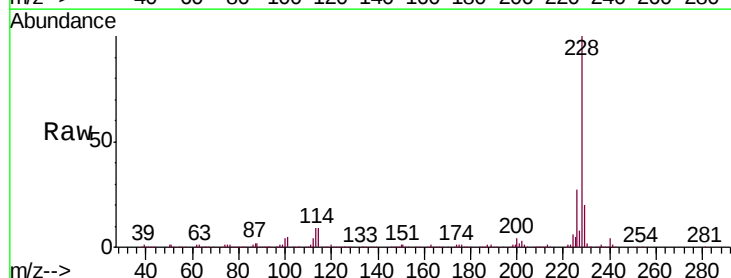
Instrument :
BNA_F
ClientSampleId :
PB112433BSD

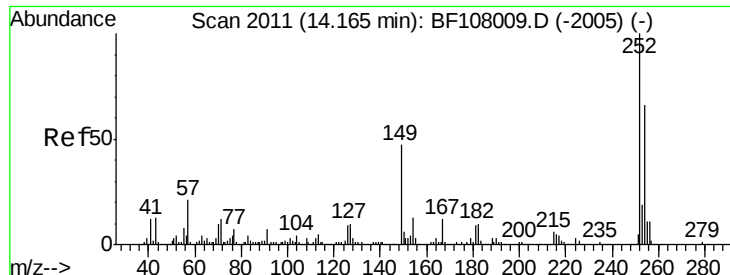
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.8	85.2
206	21.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.746 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.0	15.8	23.6

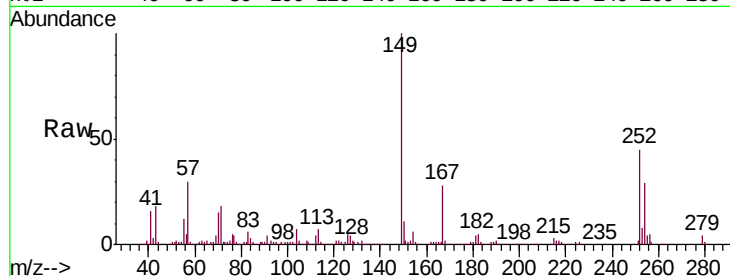




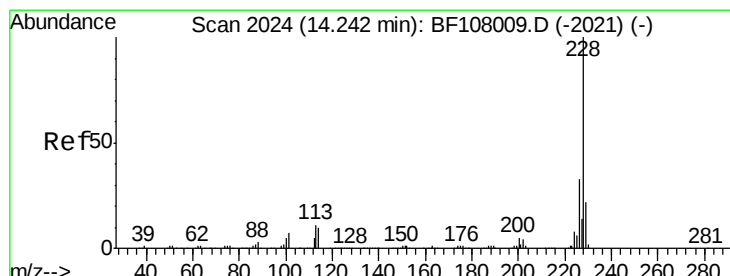
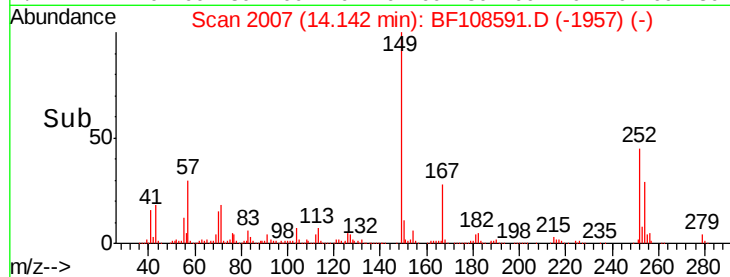
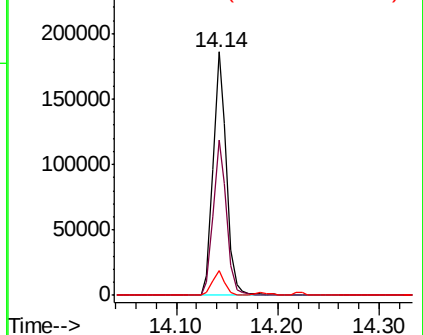
#81
 3,3'-Dichlorobenzidine
 Concen: 30.383 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleID :
 PB112433BSD

Tgt Ion: 252 Resp: 170747
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 10.1 11.3 16.9#

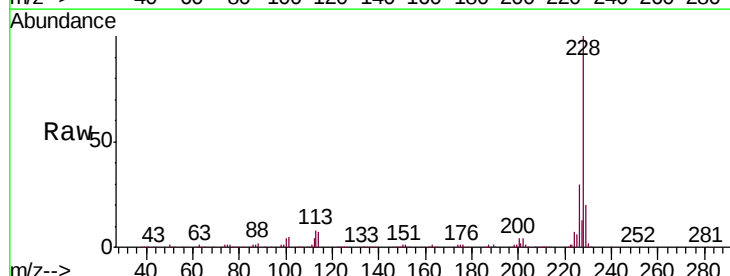


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

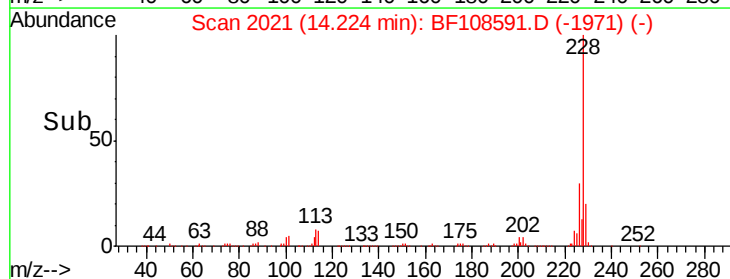
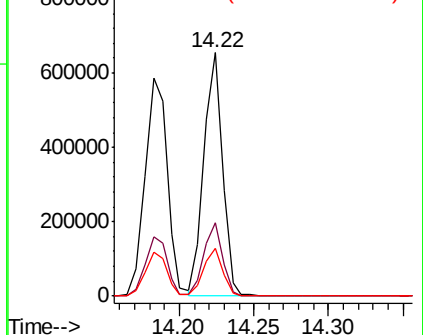


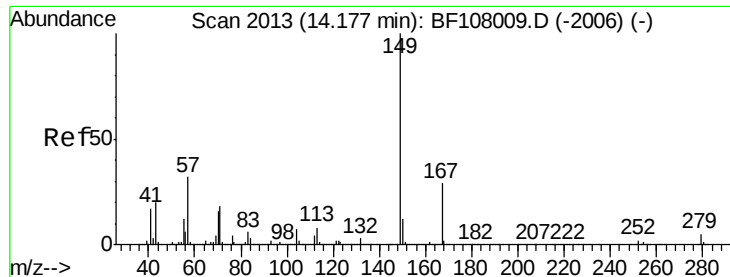
#82
 Chrysene
 Concen: 39.458 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion: 228 Resp: 567280
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

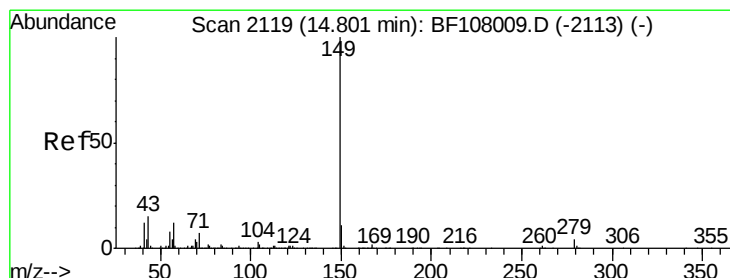
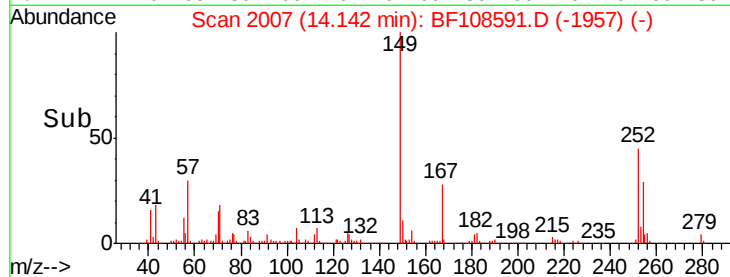
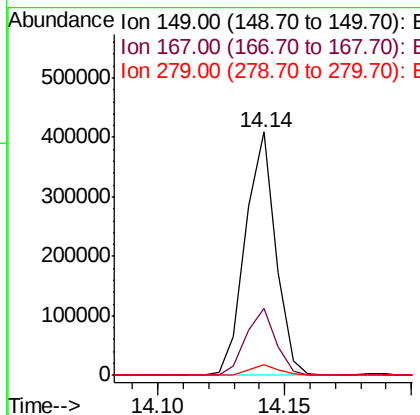
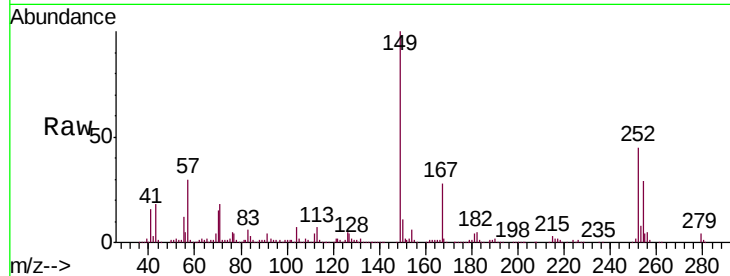




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.694 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

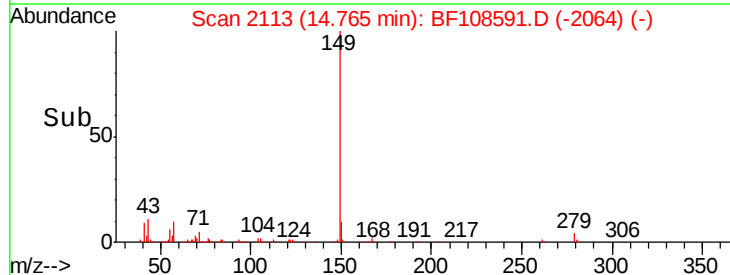
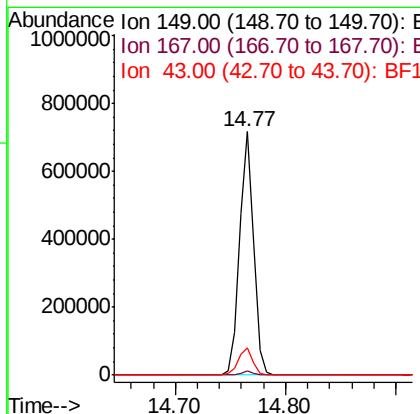
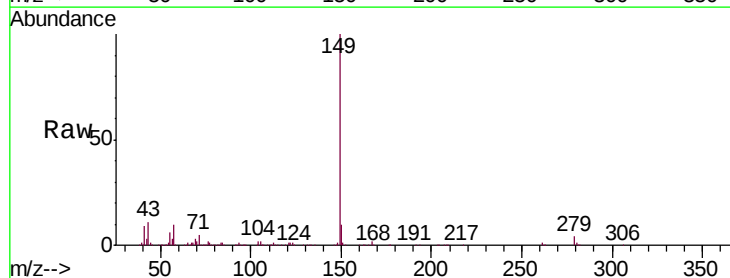
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

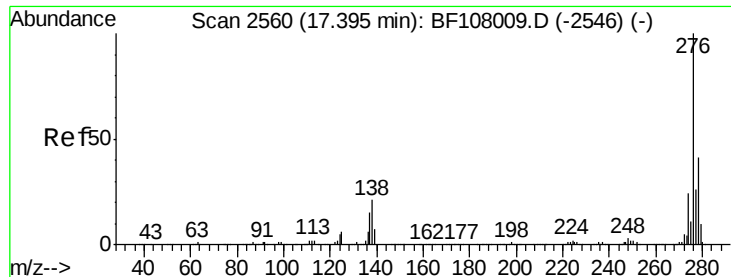
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.137 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6

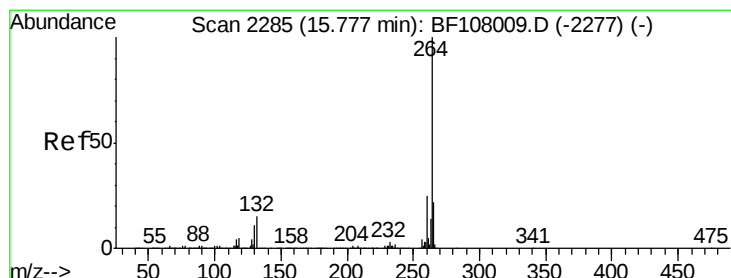
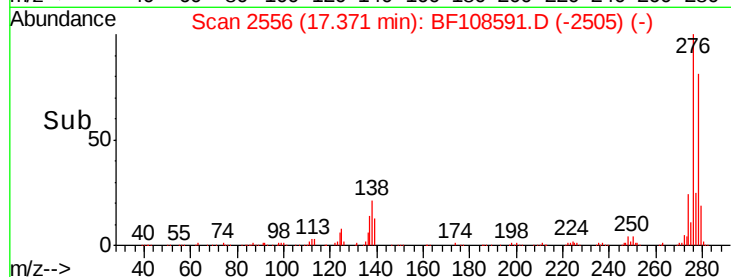
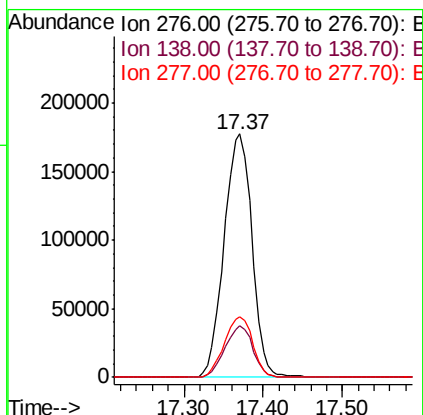
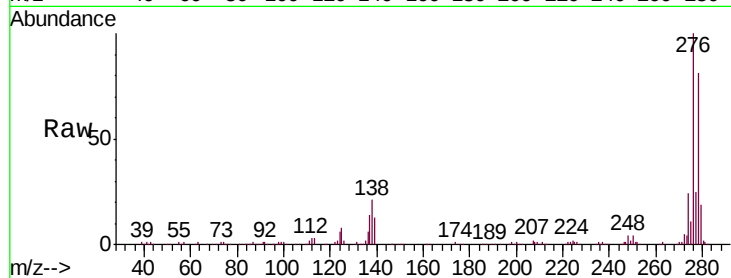




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.760 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

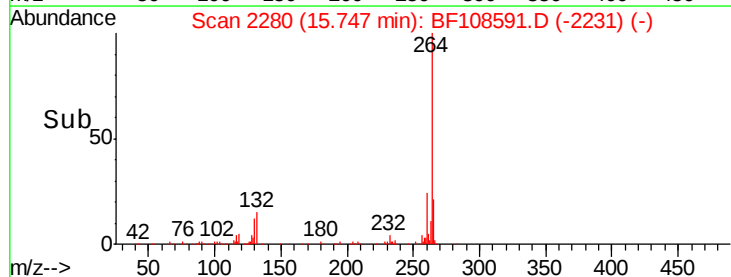
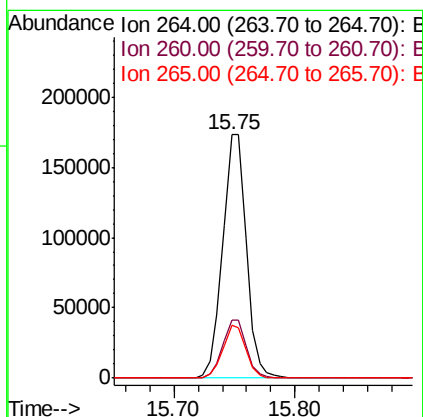
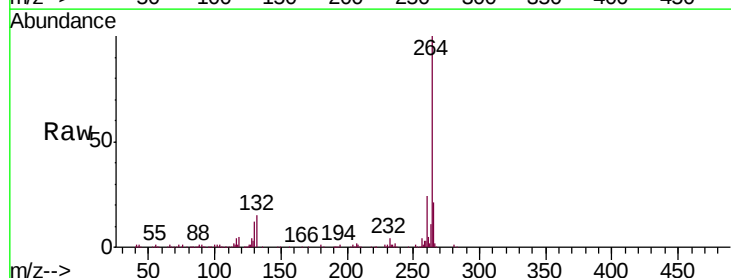
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

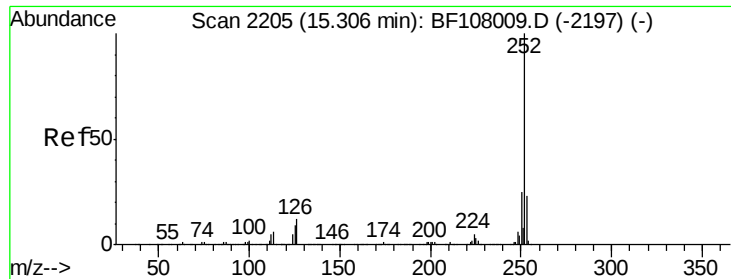
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 35.036 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.02 min

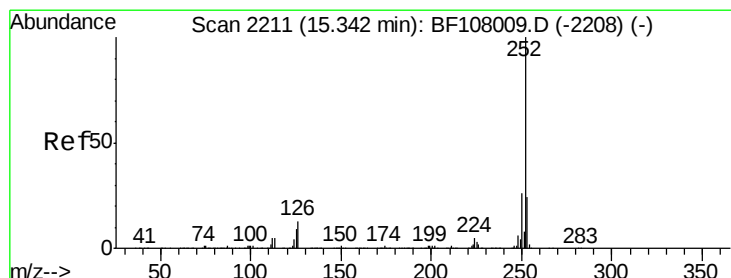
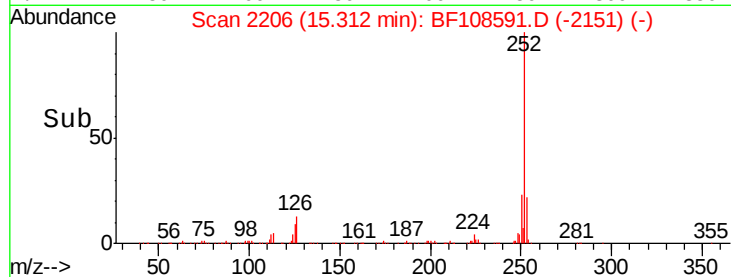
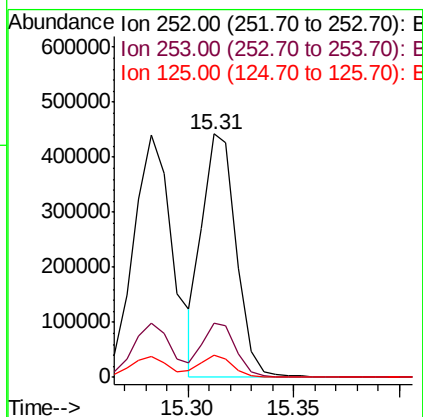
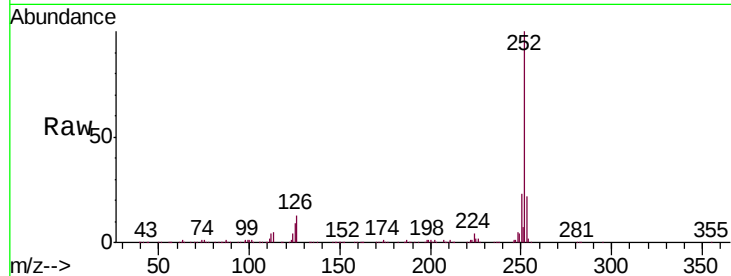
Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tgt Ion:252 Resp: 494046

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 38.114 ng

RT: 15.31 min Scan# 2206

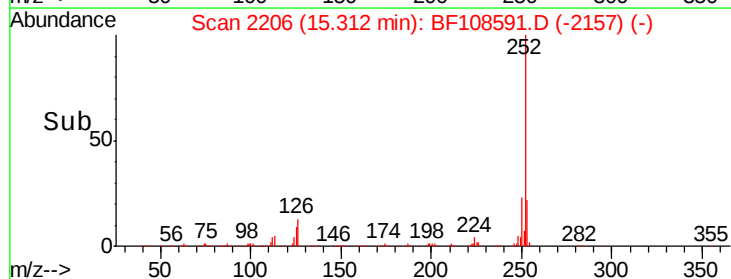
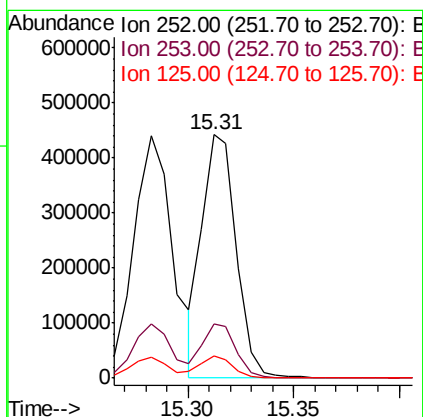
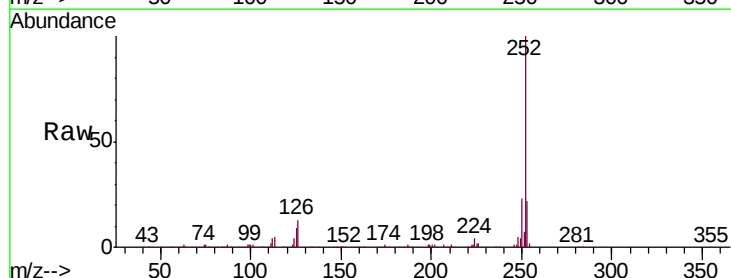
Delta R.T. -0.01 min

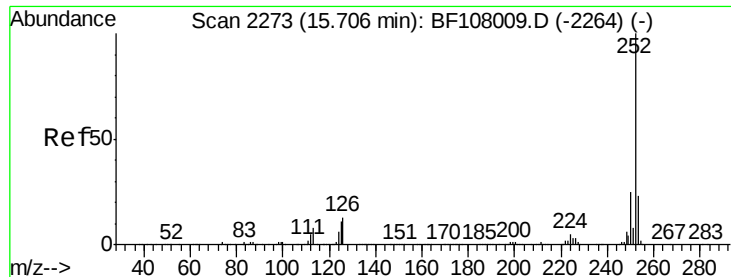
Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:252 Resp: 494046

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.2	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 37.876 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

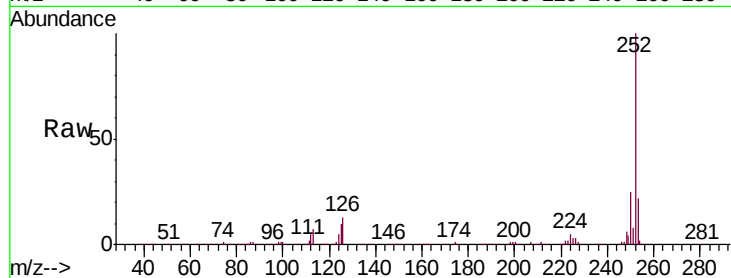
Tgt Ion:252 Resp: 478266

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

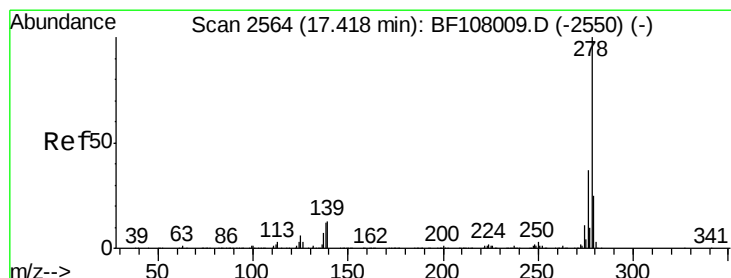
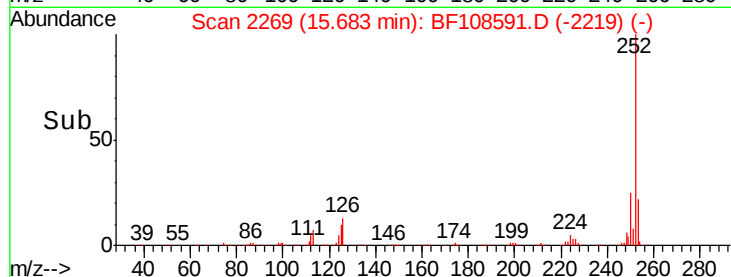
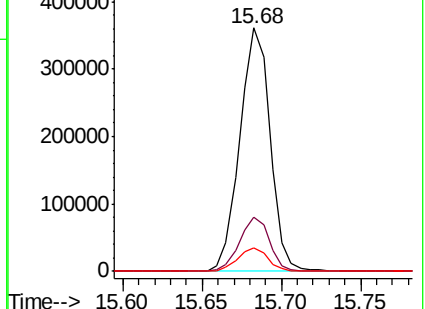
125 9.8 9.8 14.6



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: 35.693 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

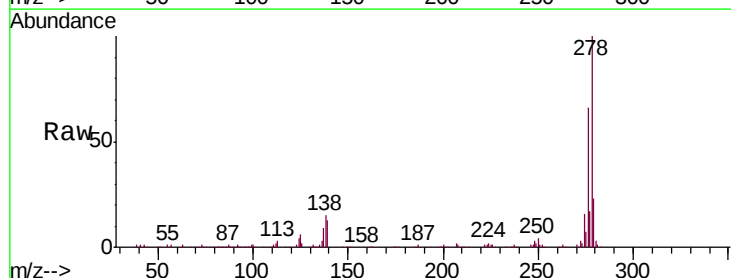
Tgt Ion:278 Resp: 372913

Ion Ratio Lower Upper

278 100

139 12.7 15.9 23.9#

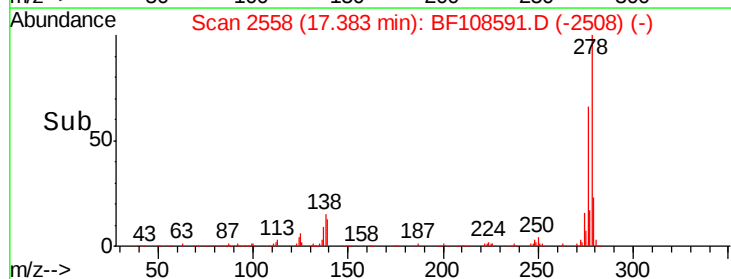
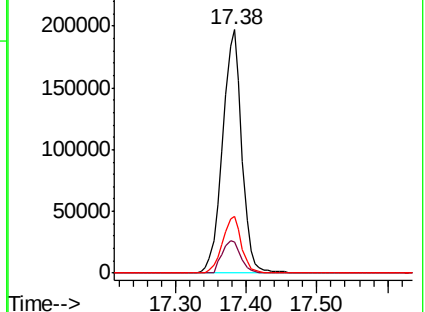
279 23.5 19.0 28.4

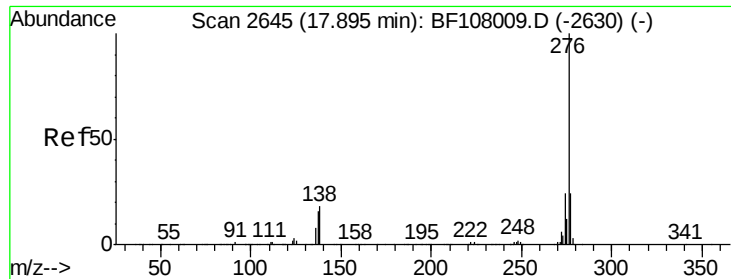


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.016 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

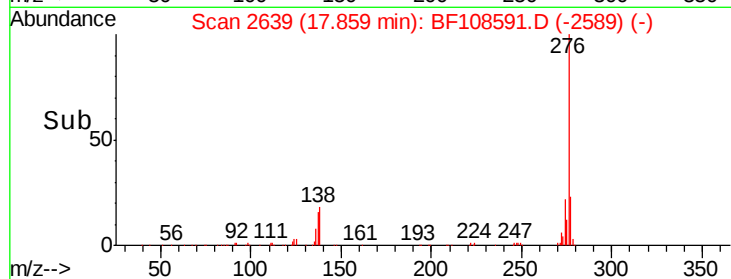
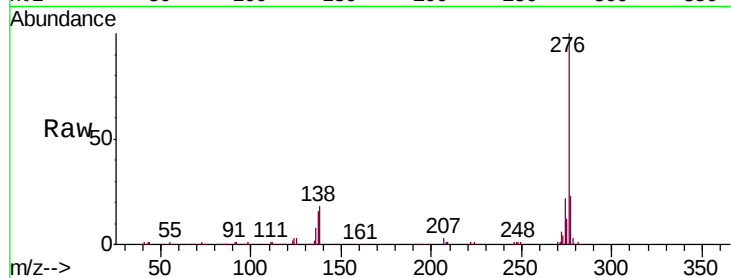
Tgt Ion: 276 Resp: 339657

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 18.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

150000

100000

50000

0

17.86

17.80 17.90 18.00

Time-->