

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109173.D
 Acq On : 20 Sep 2018 4:38
 Operator : JU/SJ
 Sample : PB112951BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Quant Time: Sep 20 07:38:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137763	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	505466	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	222290	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	373557	20.00	ng	0.00
75) Chrysene-d12	13.85	240	304287	20.00	ng	0.00
86) Perylene-d12	15.25	264	307539	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	715097	86.21	ng	0.02
7) Phenol-d6	6.36	99	908672	84.96	ng	0.00
23) Nitrobenzene-d5	7.28	82	822231	91.24	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	178172	73.86	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1404672	99.00	ng	0.00
78) Terphenyl-d14	12.81	244	1197366	93.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	135458	34.308	ng	93
3) Pyridine	3.18	79	382116	36.508	ng	89
4) n-Nitrosodimethylamine	3.12	42	181563	45.930	ng	# 99
6) Aniline	6.38	93	228501	16.529	ng	# 88
8) 2-Chlorophenol	6.51	128	368559	39.705	ng	98
9) Benzaldehyde	6.26	77	149263	21.851	ng	97
10) Phenol	6.38	94	440634	36.614	ng	84
11) bis(2-Chloroethyl)ether	6.46	93	363586	38.403	ng	97
12) 1,3-Dichlorobenzene	6.67	146	409760	38.600	ng	99
13) 1,4-Dichlorobenzene	6.74	146	412591	38.743	ng	99
14) 1,2-Dichlorobenzene	6.90	146	379300	38.418	ng	98
15) Benzyl Alcohol	6.87	79	325882	40.134	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	509998	37.596	ng	93
17) 2-Methylphenol	6.98	107	297199	39.244	ng	97
18) Hexachloroethane	7.24	117	144632	37.394	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	267943	37.900	ng	97
20) 3+4-Methylphenols	7.14	107	355864	39.017	ng	# 71
22) Acetophenone	7.13	105	507504	44.211	ng	# 93
24) Nitrobenzene	7.30	77	389489	41.919	ng	96
25) Isophorone	7.54	82	724519	46.769	ng	97
26) 2-Nitrophenol	7.62	139	130883	30.167	ng	98
27) 2,4-Dimethylphenol	7.67	122	320779	47.134	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	455499	43.694	ng	98
29) 2,4-Dichlorophenol	7.87	162	283539	39.096	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	319711	40.782	ng	98
31) Naphthalene	8.02	128	1038525	44.267	ng	99
32) Benzoic acid	7.80	122	34581	7.776	ng	95
33) 4-Chloroaniline	8.07	127	90590	8.685	ng	96
34) Hexachlorobutadiene	8.15	225	198621	41.500	ng	99
35) Caprolactam	8.45	113	79979	33.826	ng	# 81
36) 4-Chloro-3-methylphenol	8.56	107	290658	38.072	ng	97
37) 2-Methylnaphthalene	8.72	142	675222	44.152	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	302389	43.221	ng	98
40) Hexachlorocyclopentadiene	8.88	237	158974	45.099	ng	98

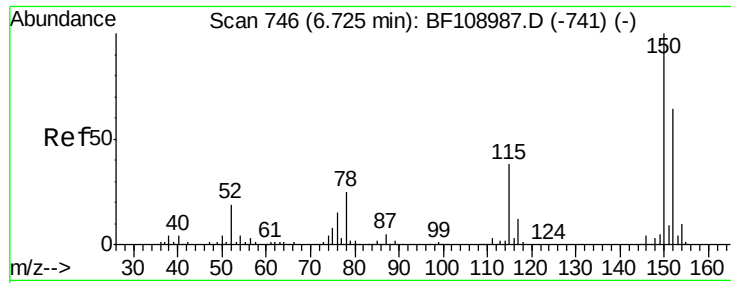
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
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 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	187931	39.963	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	192995	39.273	ng	97
45) 1,1'-Biphenyl	9.18	154	782520	44.001	ng	100
46) 2-Chloronaphthalene	9.20	162	607283	42.639	ng	99
47) 2-Nitroaniline	9.30	65	186325	42.554	ng	95
48) Acenaphthylene	9.61	152	957786	44.603	ng	100
49) Dimethylphthalate	9.48	163	723545	45.541	ng	# 99
50) 2,6-Dinitrotoluene	9.54	165	137379	38.990	ng	97
51) Acenaphthene	9.79	154	550668	41.182	ng	100
52) 3-Nitroaniline	9.70	138	134563	32.434	ng	94
53) 2,4-Dinitrophenol	9.81	184	17393	12.809	ng	# 23
54) Dibenzofuran	9.96	168	805542	41.689	ng	99
55) 4-Nitrophenol	9.87	139	157407	51.494	ng	94
56) 2,4-Dinitrotoluene	9.94	165	166576	36.150	ng	96
57) Fluorene	10.30	166	581429	45.153	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142610	35.047	ng	# 87
59) Diethylphthalate	10.18	149	701936	43.751	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	285009	41.335	ng	94
61) 4-Nitroaniline	10.31	138	142834	36.236	ng	99
62) Azobenzene	10.45	77	655736	39.928	ng	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	18729	10.479	ng	91
65) n-Nitrosodiphenylamine	10.41	169	561872	45.982	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	186666	44.324	ng	93
67) Hexachlorobenzene	10.85	284	194378	43.151	ng	# 91
68) Atrazine	10.94	200	179751	45.953	ng	98
69) Pentachlorophenol	11.04	266	133588	46.352	ng	99
70) Phenanthrene	11.25	178	830307	45.343	ng	99
71) Anthracene	11.31	178	849554	45.767	ng	99
72) Carbazole	11.46	167	741505	40.353	ng	99
73) Di-n-butylphthalate	11.80	149	963210	44.780	ng	98
74) Fluoranthene	12.44	202	849861	43.962	ng	97
76) Benzidine	12.55	184	243695	22.624	ng	98
77) Pyrene	12.66	202	855554	37.853	ng	99
79) Butylbenzylphthalate	13.28	149	386619	38.298	ng	95
80) Benzo(a)anthracene	13.84	228	813562	44.161	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	132163	17.778	ng	98
82) Chrysene	13.88	228	790145	42.869	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	501523	41.031	ng	99
84) Di-n-octyl phthalate	14.46	149	975873	47.075	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	654604	44.422	ng	# 93
87) Benzo(b)fluoranthene	14.87	252	827460	48.635	ng	97
88) Benzo(k)fluoranthene	14.89	252	698068	43.929	ng	98
89) Benzo(a)pyrene	15.20	252	697422	46.158	ng	99
90) Dibenzo(a,h)anthracene	16.63	278	545521	42.975	ng	# 95
91) Benzo(g,h,i)perylene	17.02	276	530673	41.815	ng	# 91

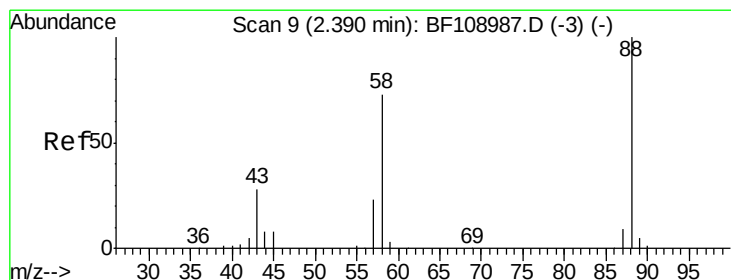
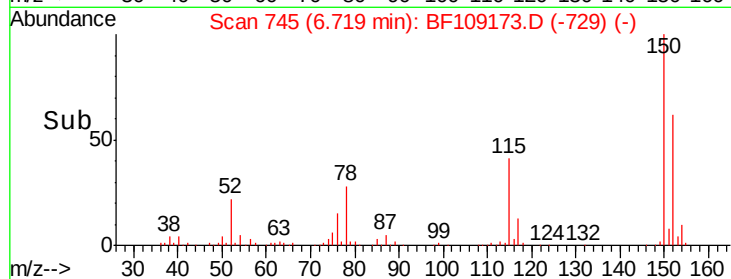
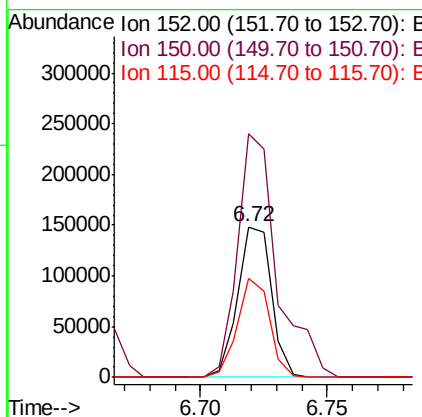
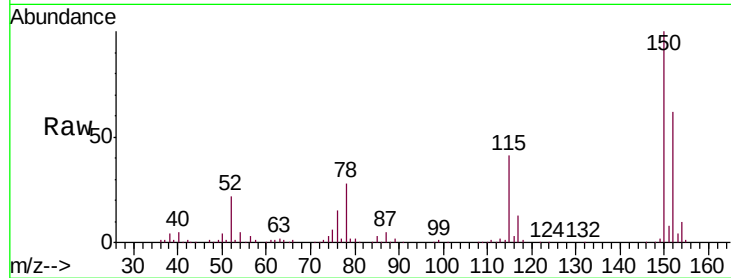
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

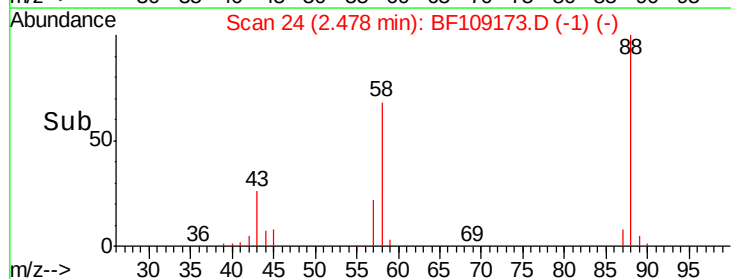
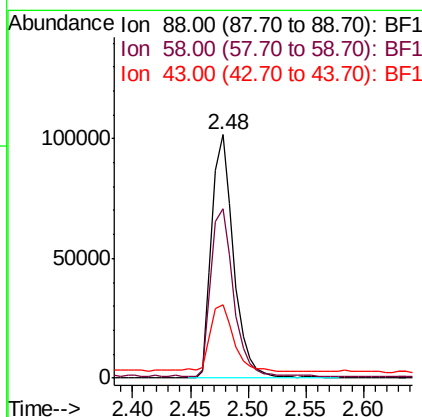
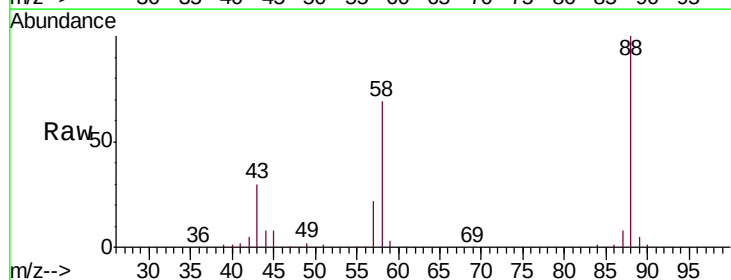
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

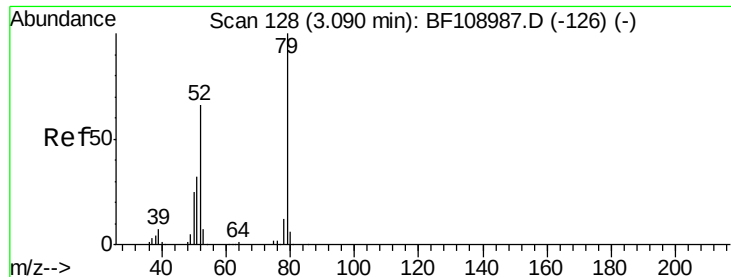
Tgt Ion:152 Resp: 137763
 Ion Ratio Lower Upper
 152 100
 150 161.8 124.6 186.8
 115 65.7 50.1 75.1



#2
 1,4-Dioxane
 Concen: 34.308 ng
 RT: 2.48 min Scan# 24
 Delta R.T. 0.09 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion: 88 Resp: 135458
 Ion Ratio Lower Upper
 88 100
 58 70.6 62.6 93.8
 43 28.9 24.6 37.0





#3

Pyridine

Concen: 36.508 ng

RT: 3.18 min Scan# 143

Delta R.T. 0.09 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

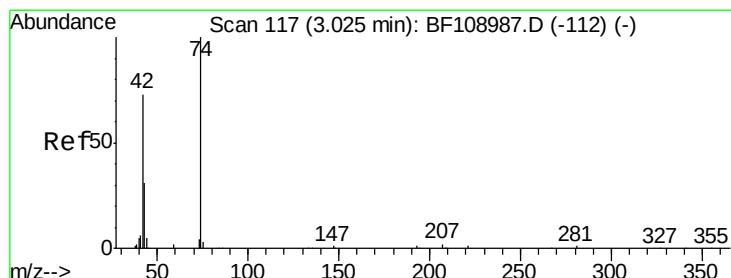
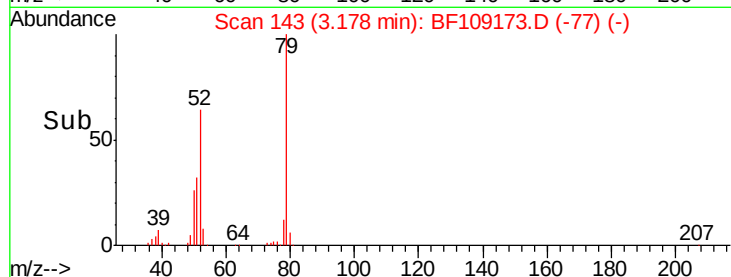
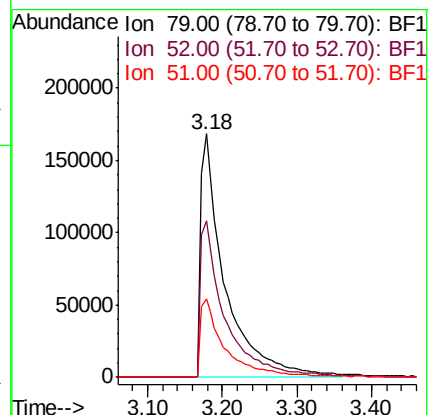
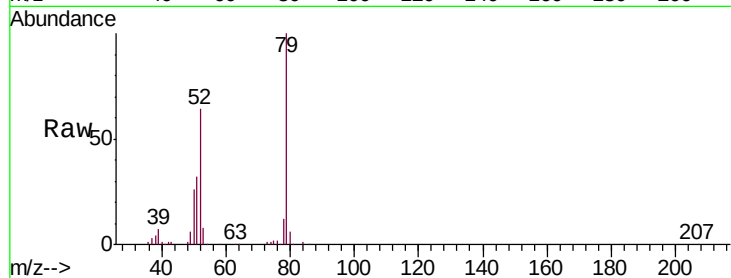
Tgt Ion: 79 Resp: 382116

Ion Ratio Lower Upper

79 100

52 64.1 59.8 89.6

51 32.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 45.930 ng

RT: 3.12 min Scan# 133

Delta R.T. 0.09 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

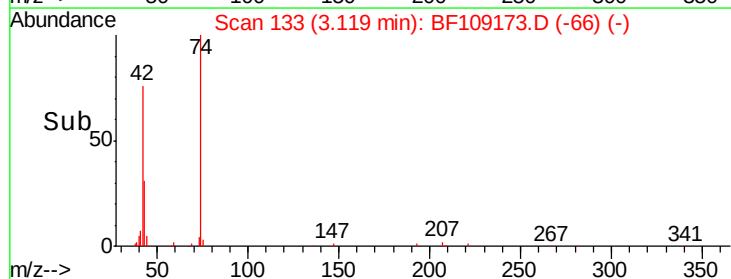
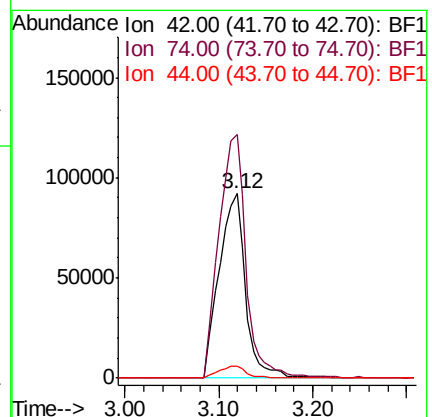
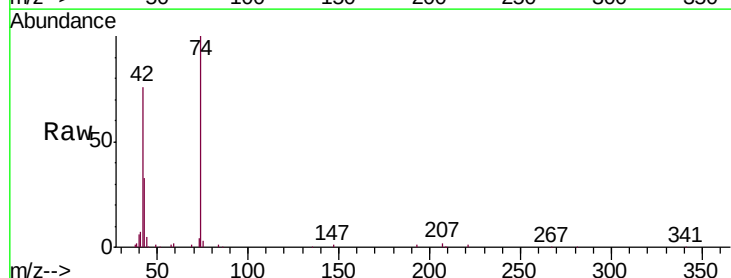
Tgt Ion: 42 Resp: 181563

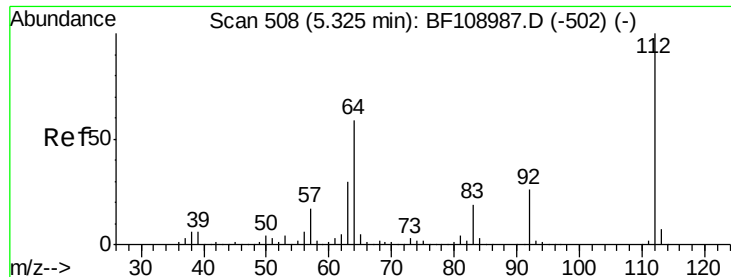
Ion Ratio Lower Upper

42 100

74 132.2 104.9 157.3

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 86.213 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

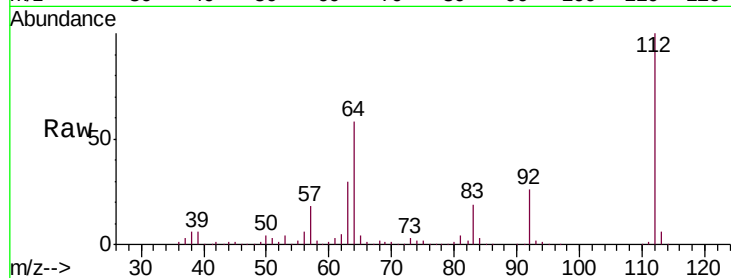
Instrument :

BNA_F

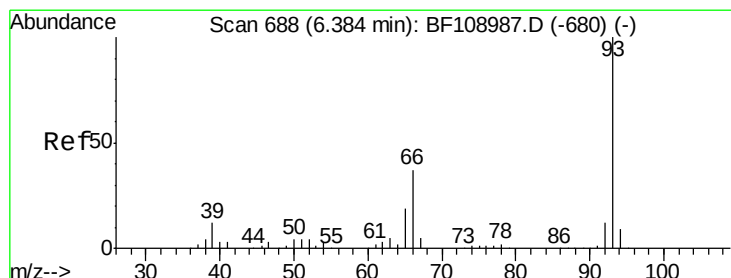
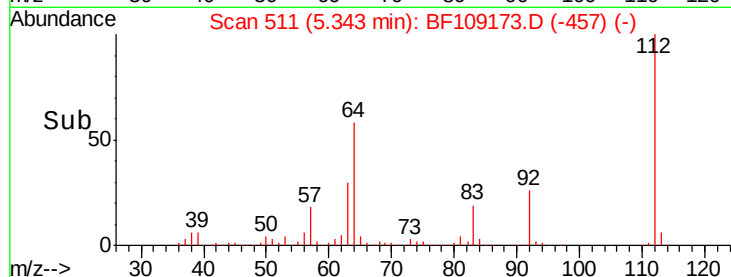
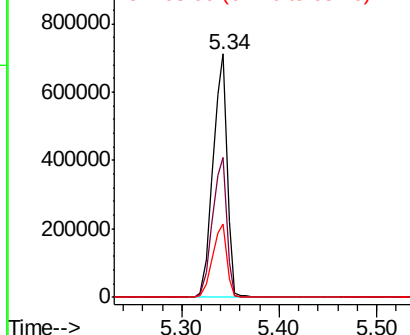
ClientSampleId :

PB112951BS

Tgt Ion:	112	Resp:	715097
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.1	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: 16.529 ng

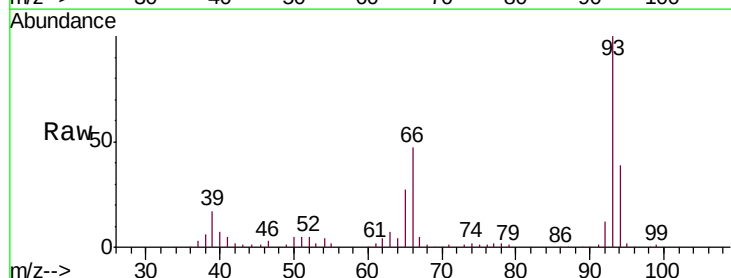
RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

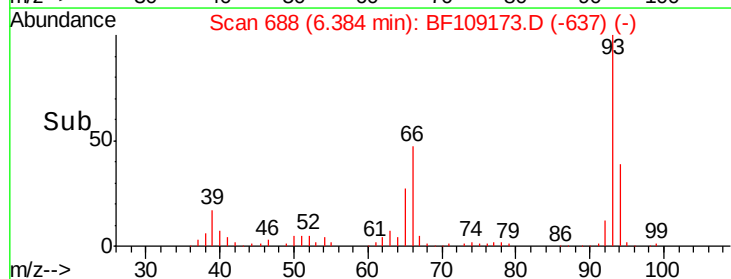
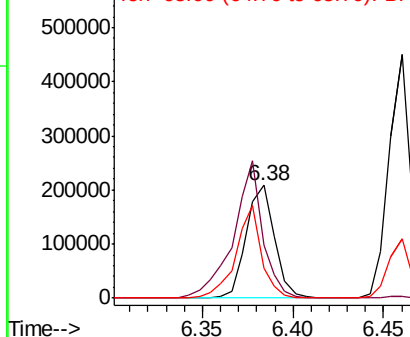
Lab File: BF109173.D

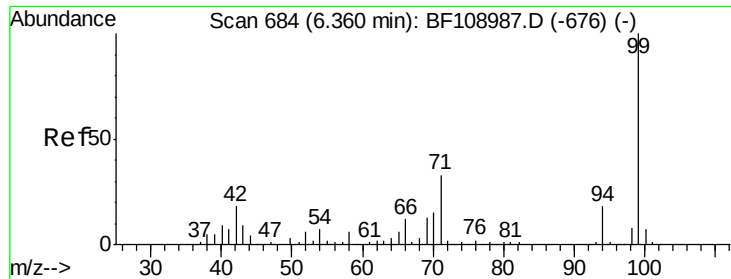
Acq: 20 Sep 2018 4:38

Tgt Ion:	93	Resp:	228501
Ion	Ratio	Lower	Upper
93	100		
66	47.2	32.2	48.2
65	26.8	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: 84.959 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

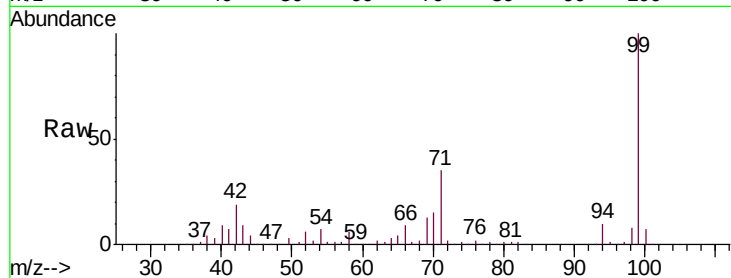
Tgt Ion: 99 Resp: 908672

Ion Ratio Lower Upper

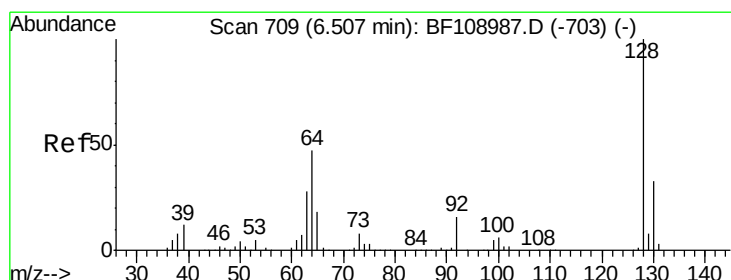
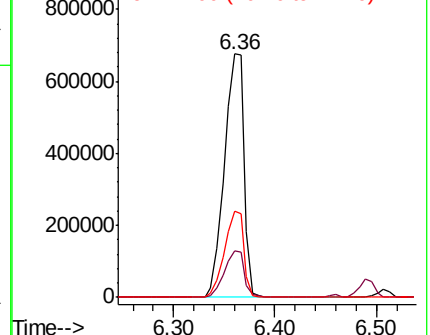
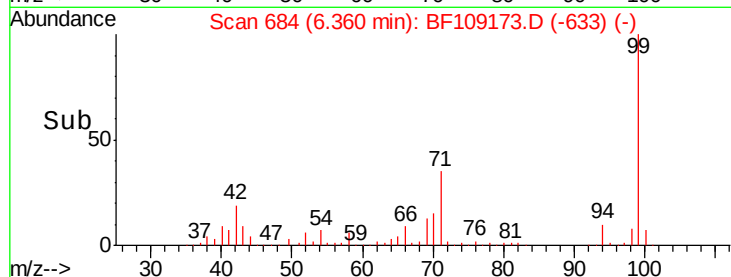
99 100

42 19.0 14.5 21.7

71 35.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.705 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

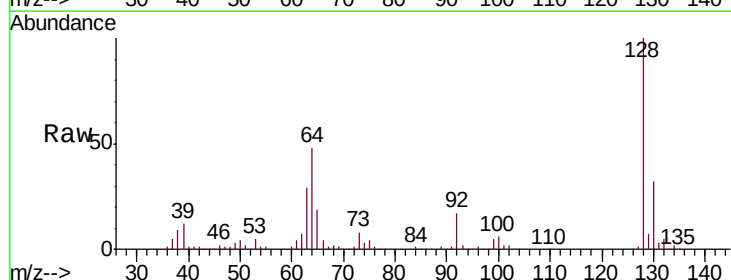
Tgt Ion: 128 Resp: 368559

Ion Ratio Lower Upper

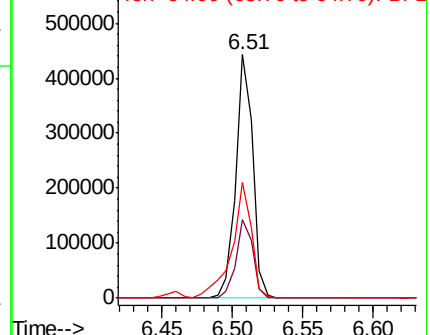
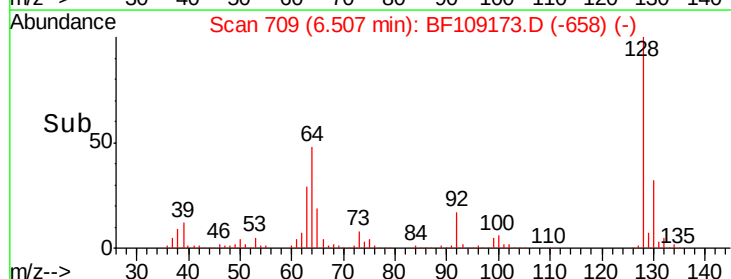
128 100

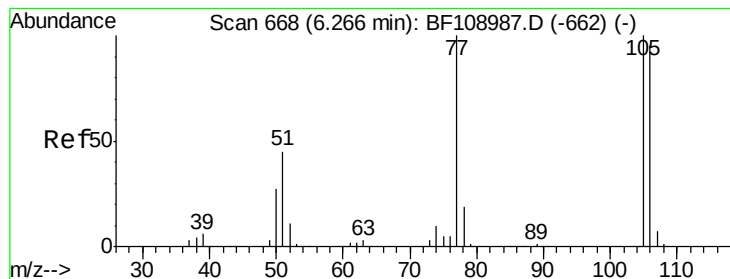
130 32.1 13.0 53.0

64 47.7 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: 21.851 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

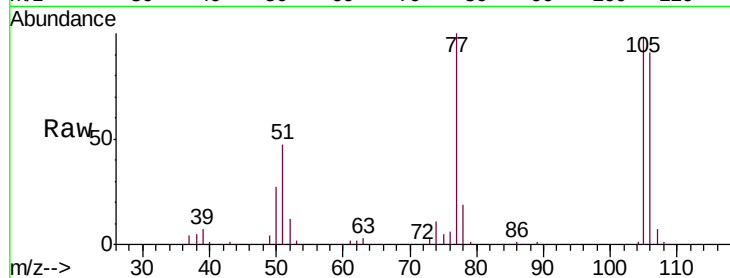
Tgt Ion: 77 Resp: 149263

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

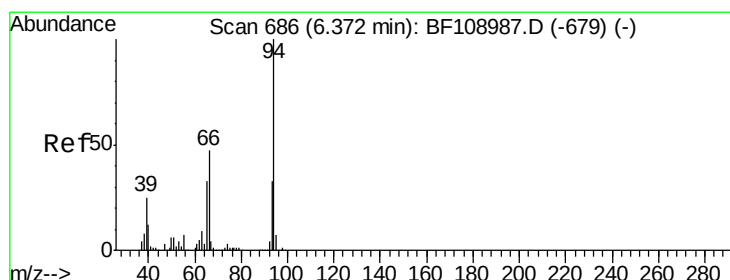
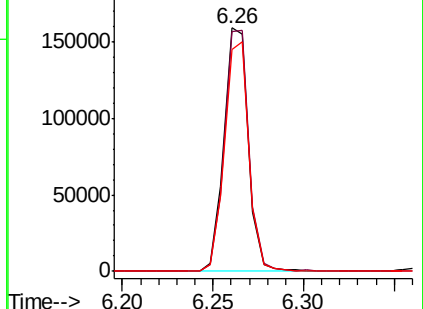
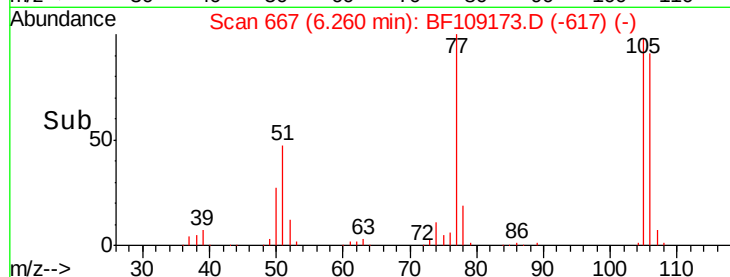
106 91.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.614 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

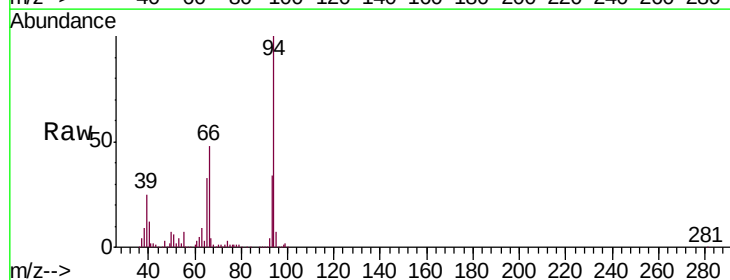
Tgt Ion: 94 Resp: 440634

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

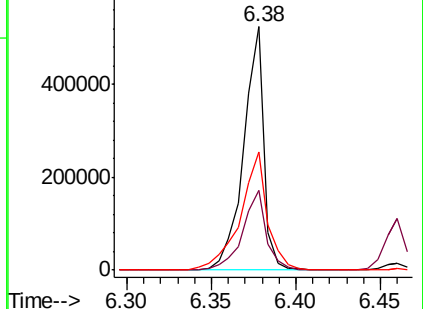
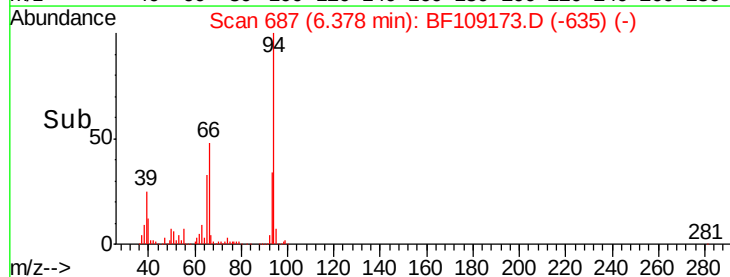
66 48.4 16.2 56.2

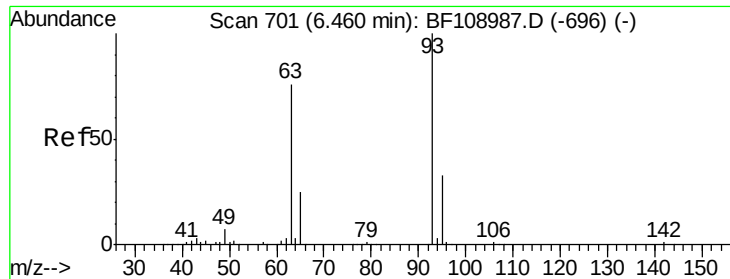


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

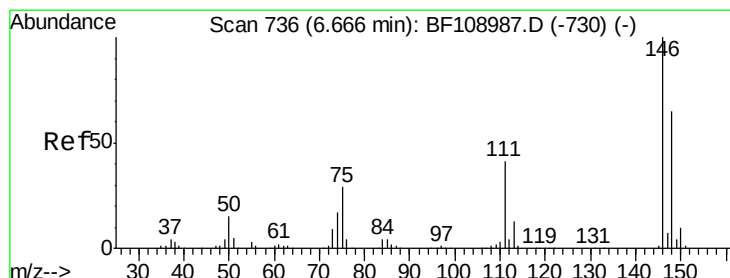
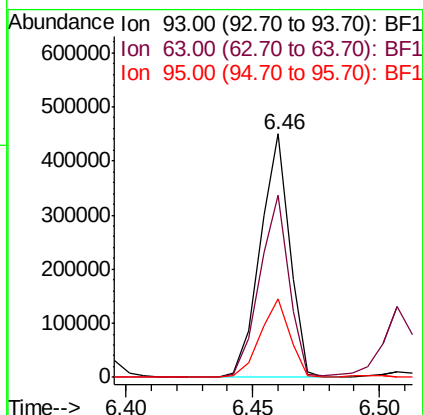
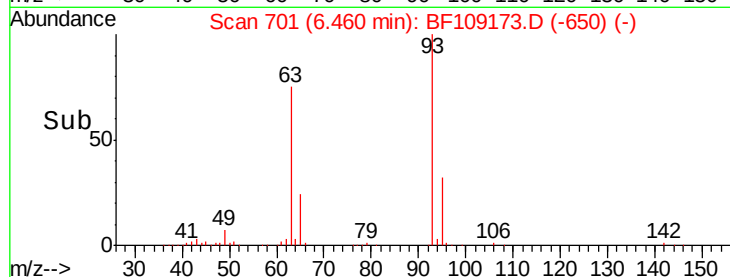
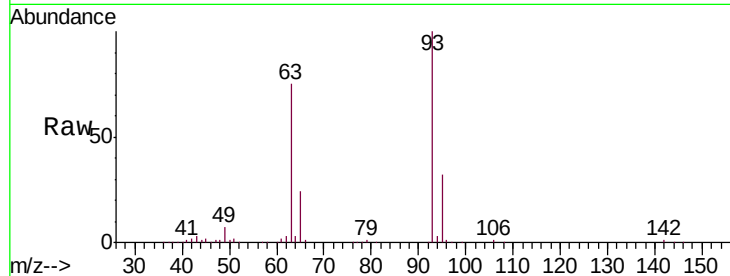




#11
bis(2-Chloroethyl)ether
Concen: 38.403 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

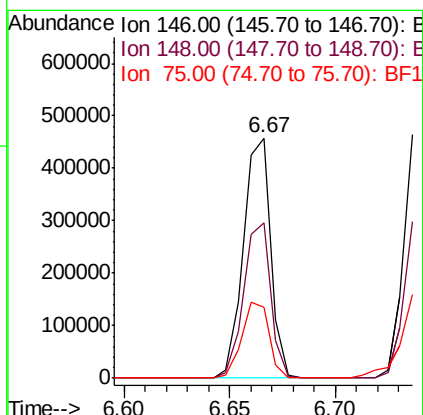
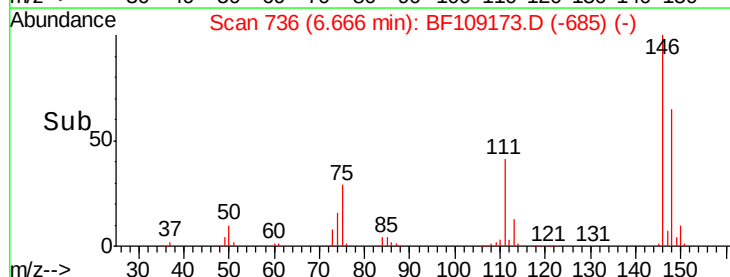
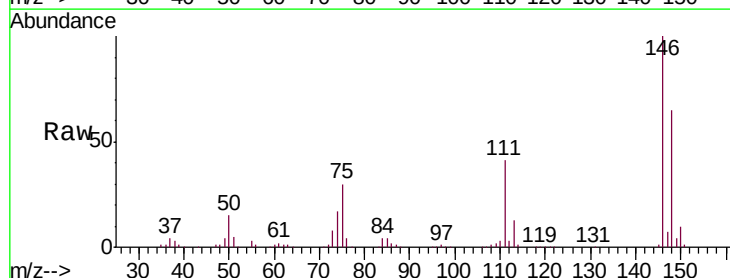
Instrument :
BNA_F
ClientSampleId :
PB112951BS

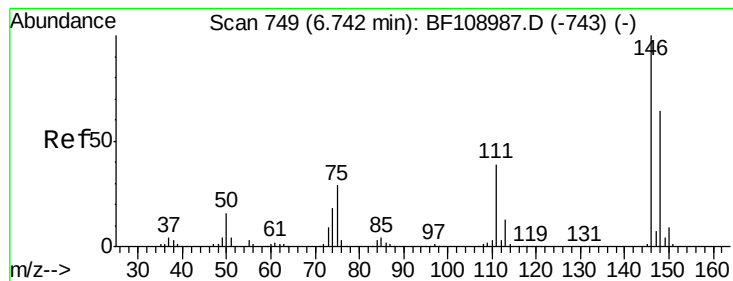
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.1	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	29.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.743 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

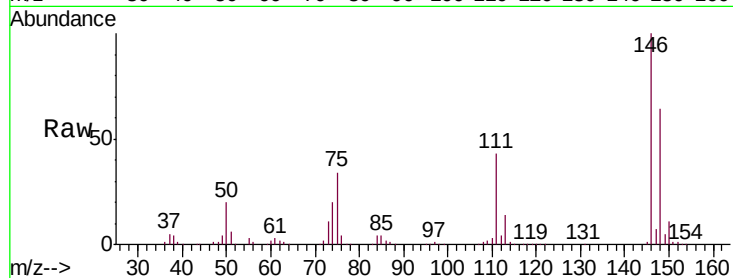
Tgt Ion:146 Resp: 412591

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

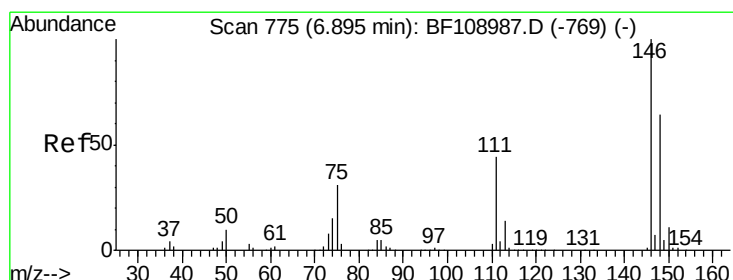
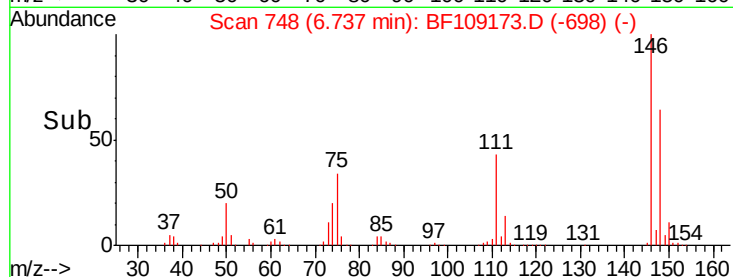
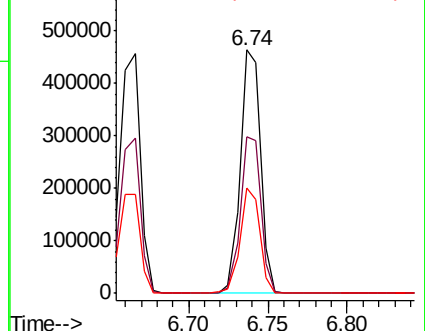
111 43.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.418 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

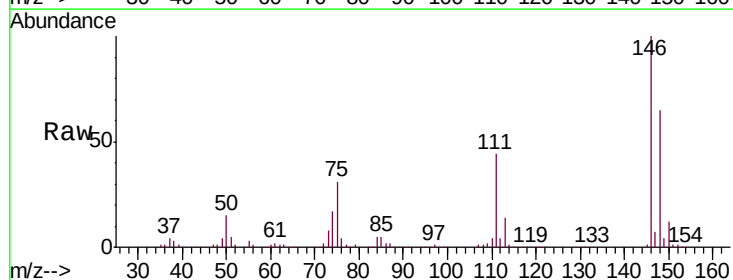
Tgt Ion:146 Resp: 379300

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

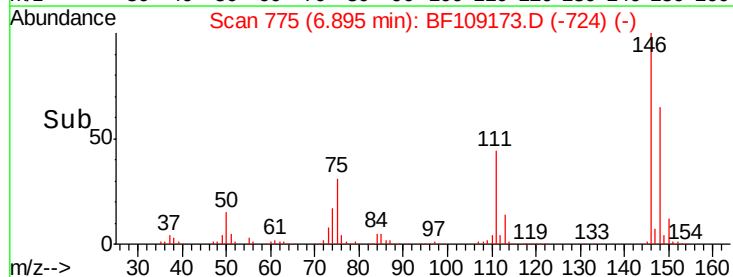
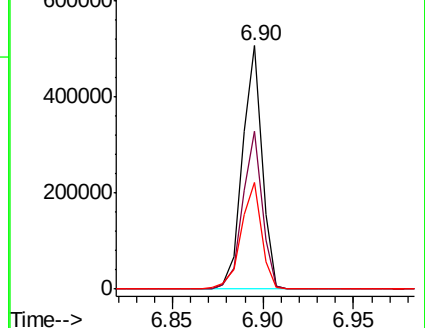
111 44.0 36.0 54.0

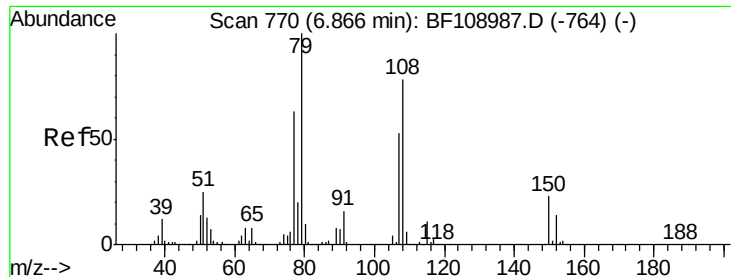


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.134 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

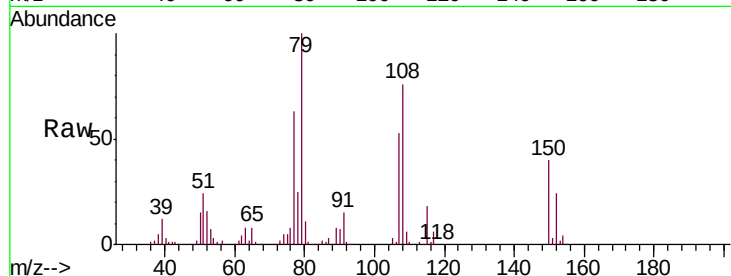
Tgt Ion: 79 Resp: 325882

Ion Ratio Lower Upper

79 100

108 75.8 65.1 97.7

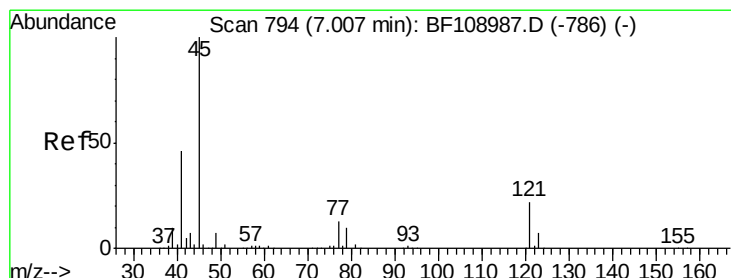
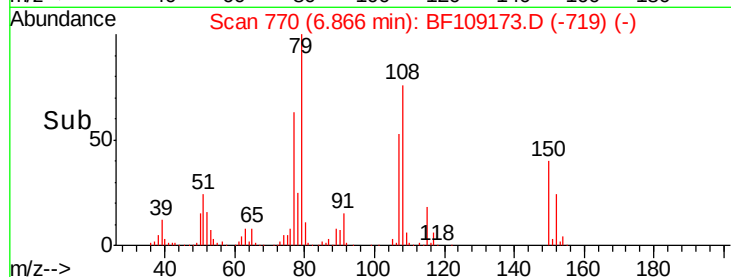
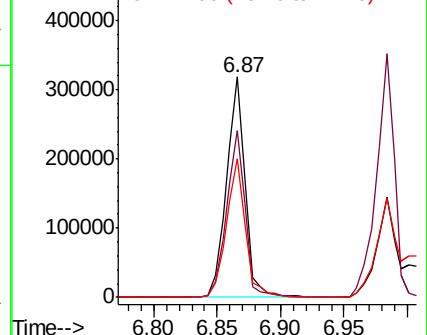
77 63.1 50.6 75.8



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: 37.596 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

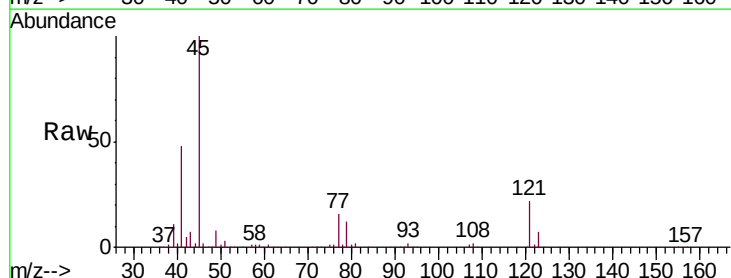
Tgt Ion: 45 Resp: 509998

Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.9

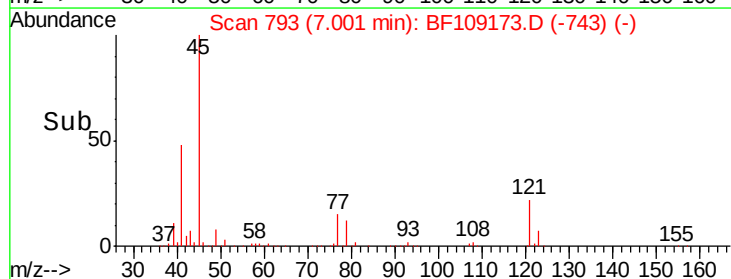
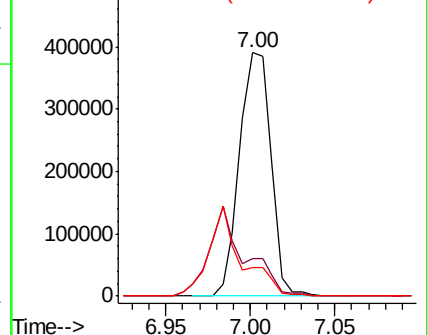
79 11.9 0.0 29.6

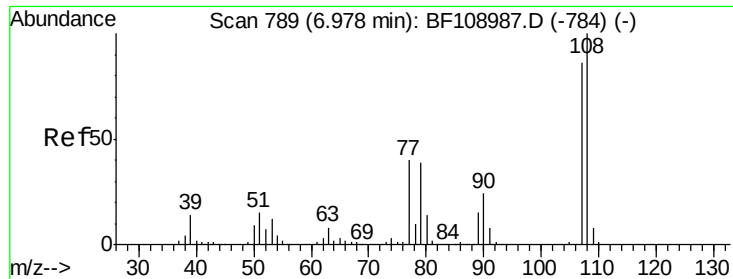


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

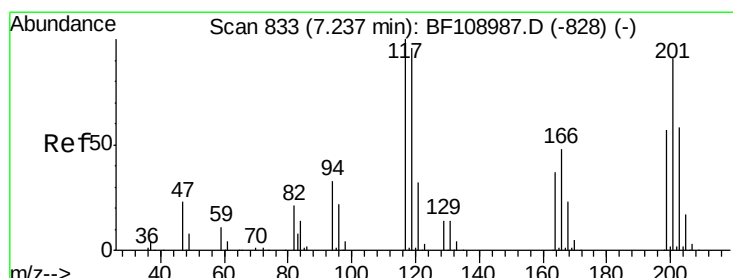
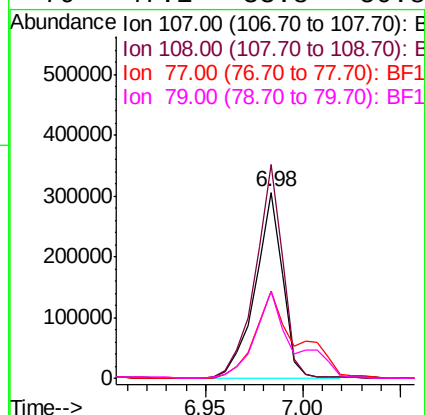
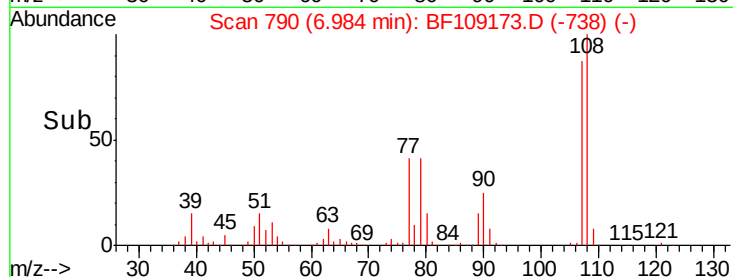
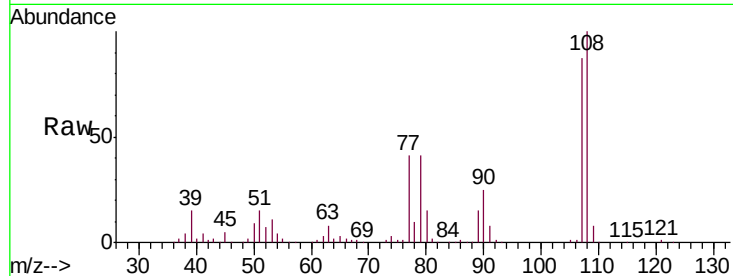




#17
2-Methylphenol
Concen: 39.244 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

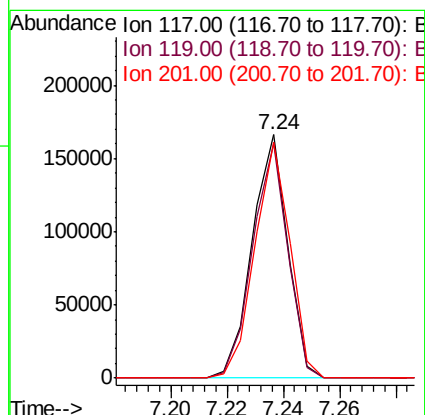
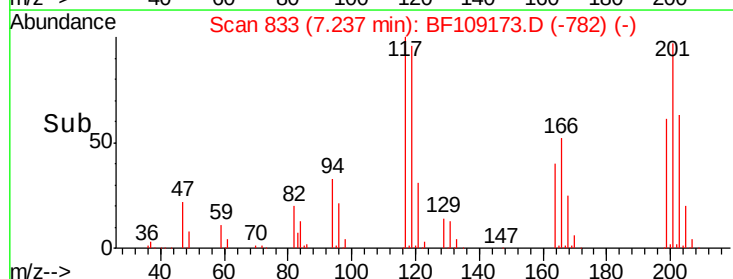
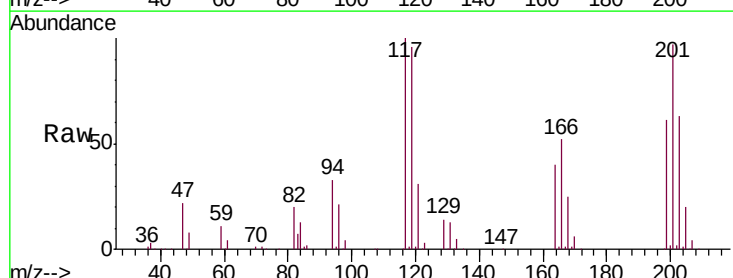
Instrument :
BNA_F
ClientSampleId :
PB112951BS

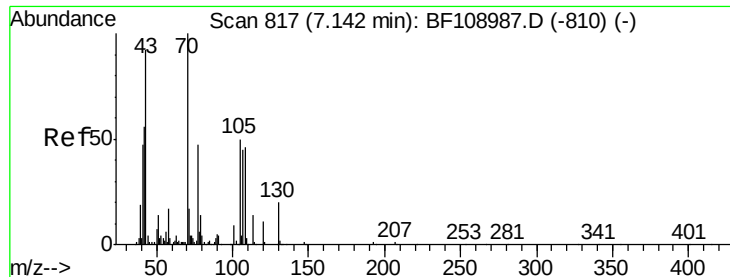
Tgt Ion:	107	Resp:	297199
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	47.0	33.8	50.8
79	47.1	33.8	50.8



#18
Hexachloroethane
Concen: 37.394 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:	117	Resp:	144632
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	96.7	75.7	113.5

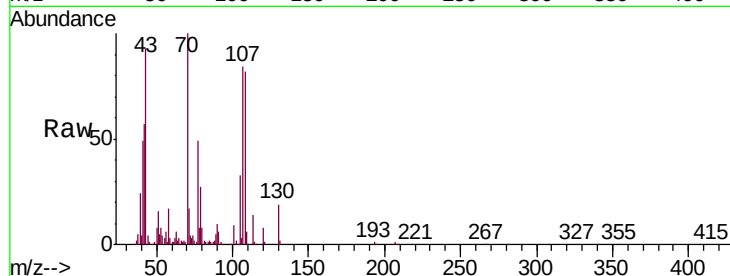




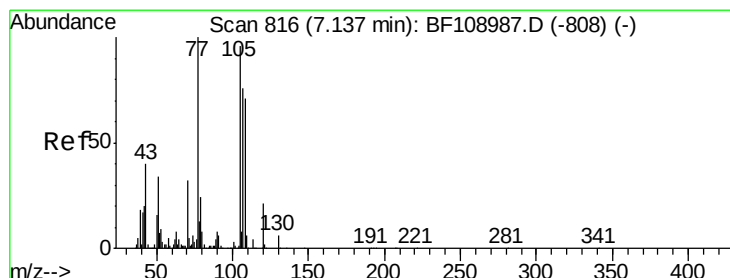
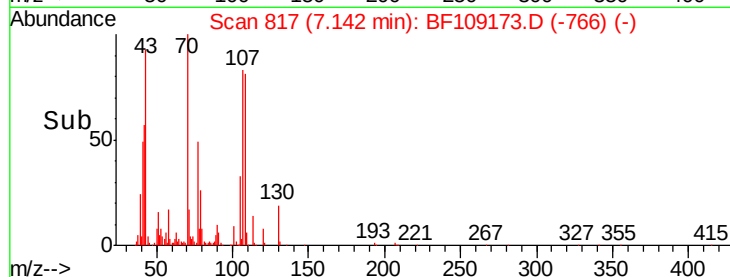
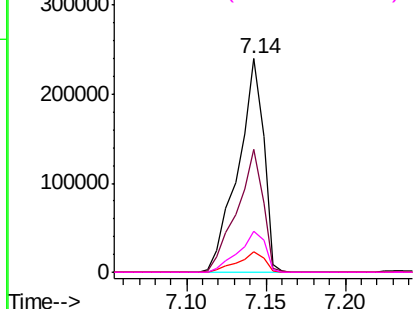
#19
n-Nitroso-di-n-propylamine
Concen: 37.900 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion: 70 Resp: 267943
Ion Ratio Lower Upper
70 100
42 57.3 47.5 71.3
101 9.5 7.4 11.2
130 19.3 16.6 25.0

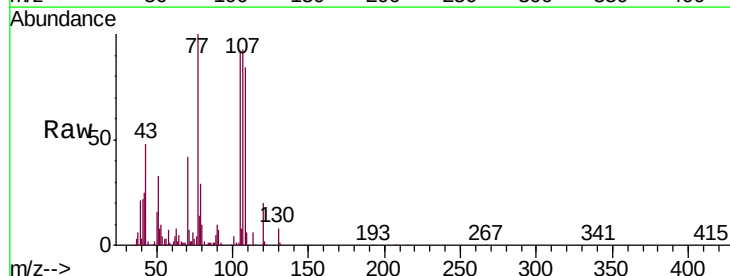


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

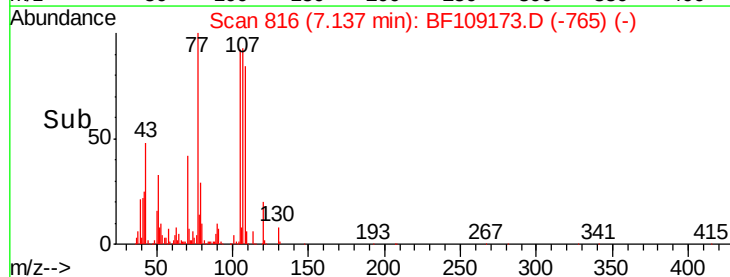
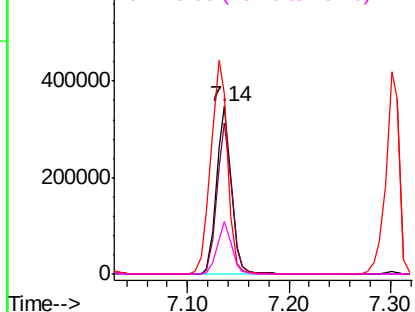


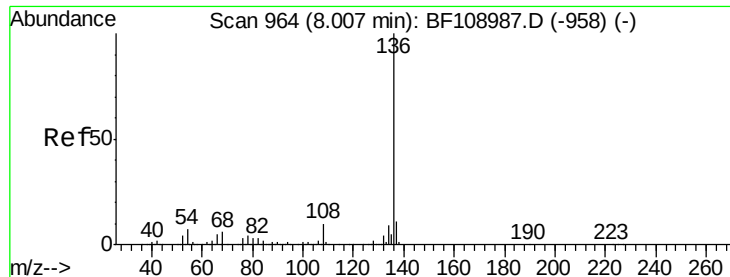
#20
3+4-Methylphenols
Concen: 39.017 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion: 107 Resp: 355864
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 107.5 26.7 66.7#
79 31.1 6.3 46.3



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

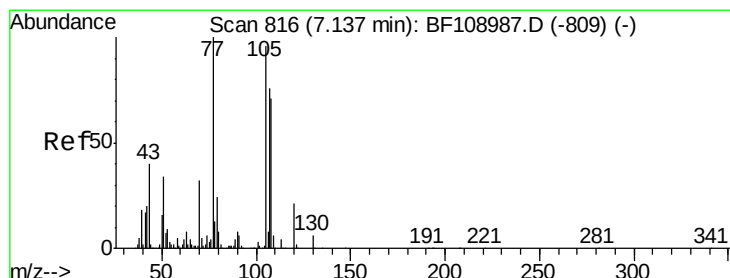
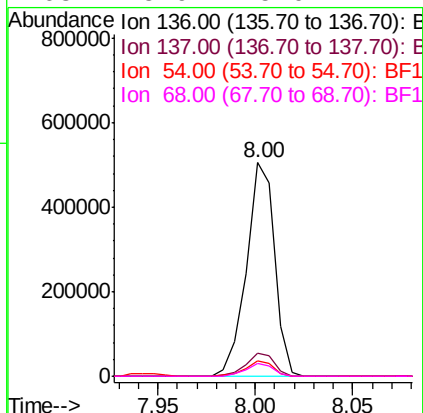
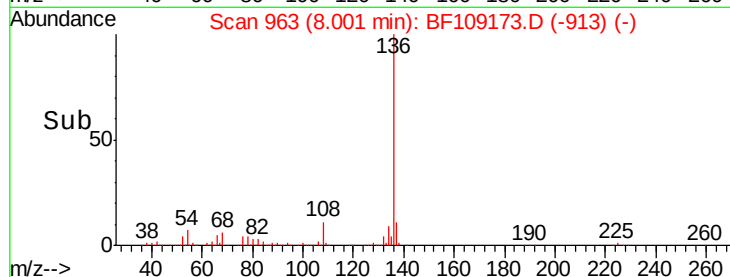
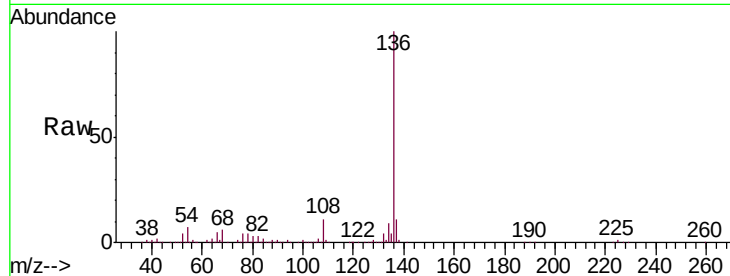




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

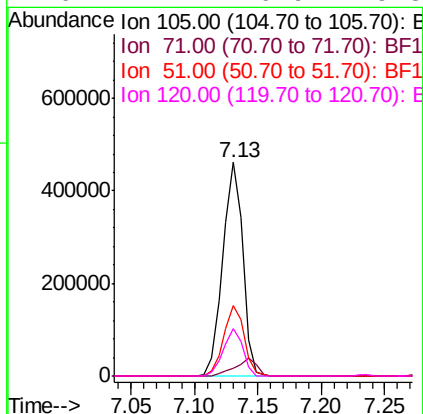
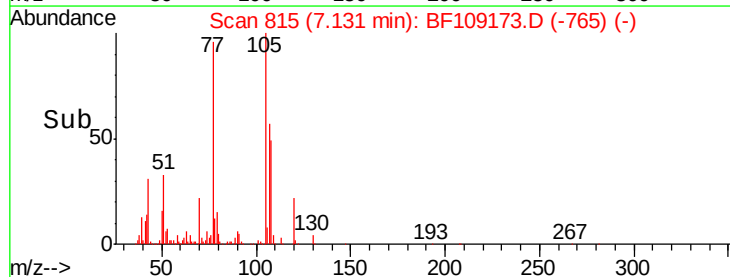
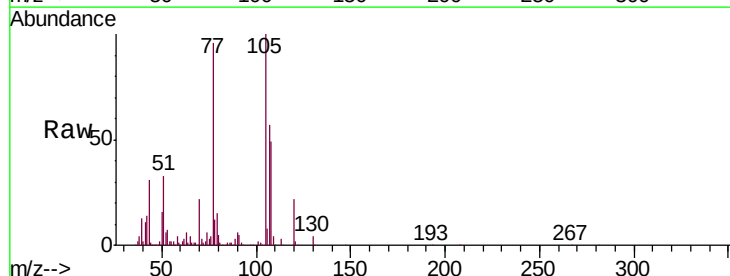
Instrument :
BNA_F
ClientSampleId :
PB112951BS

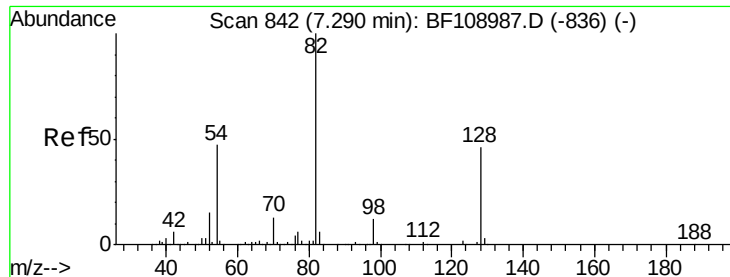
Tgt Ion:	136	Resp:	505466
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 44.211 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:	105	Resp:	507504
Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.4	6.6#
51	33.1	22.3	33.5
120	22.2	16.9	25.3

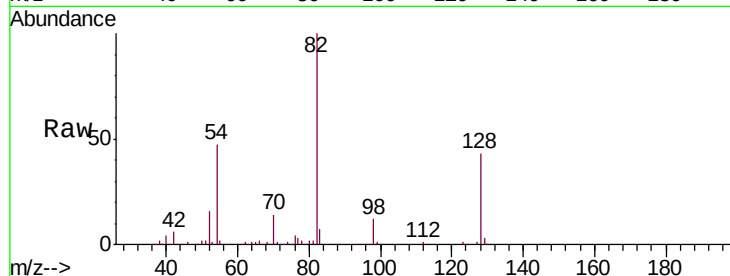




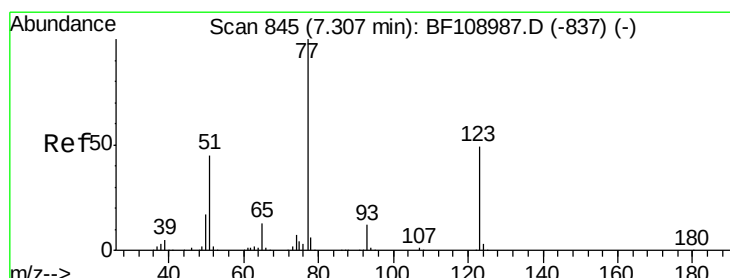
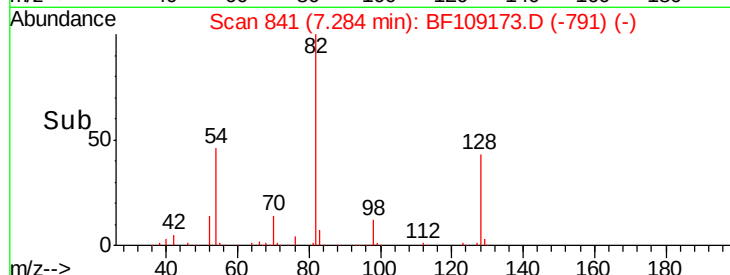
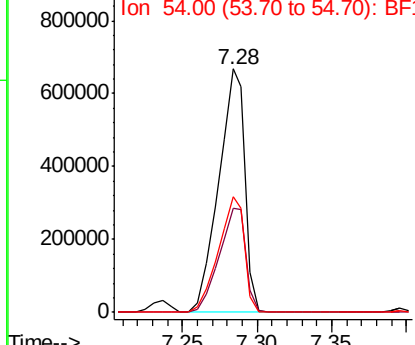
#23
Nitrobenzene-d5
Concen: 91.238 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion: 82 Resp: 822231
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 47.3 41.4 62.2

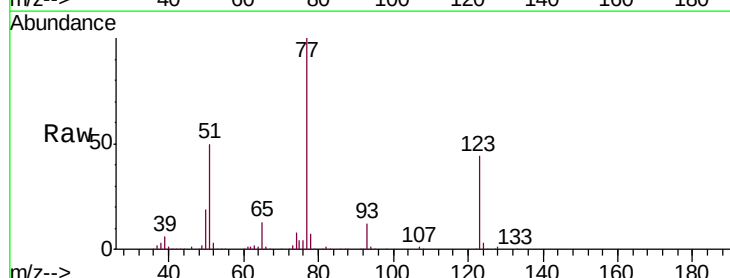


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

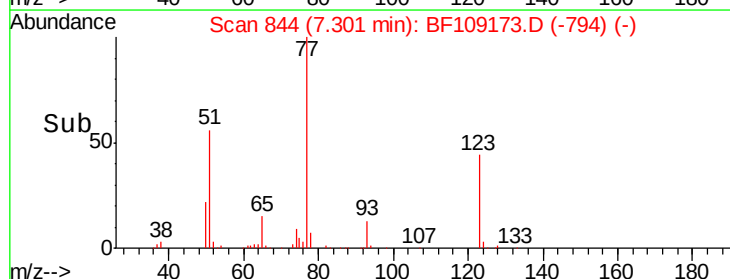
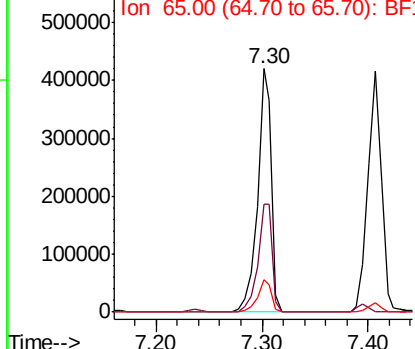


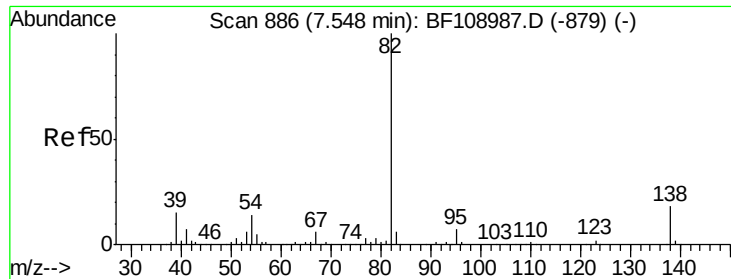
#24
Nitrobenzene
Concen: 41.919 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion: 77 Resp: 389489
Ion Ratio Lower Upper
77 100
123 44.3 37.9 56.9
65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 46.769 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

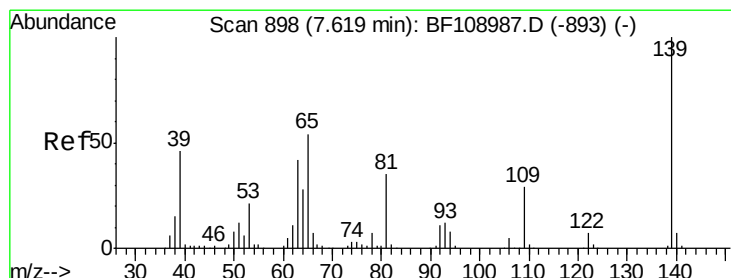
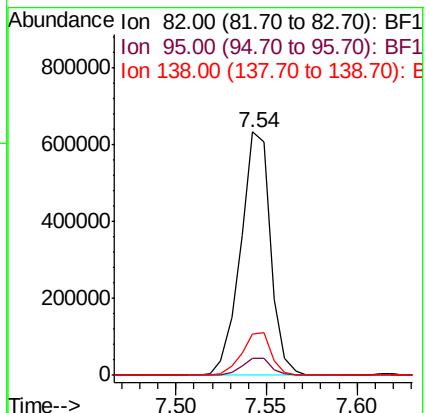
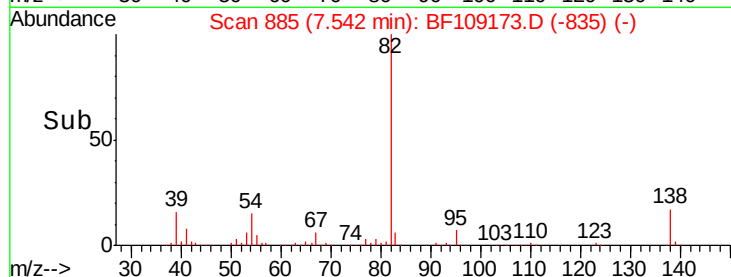
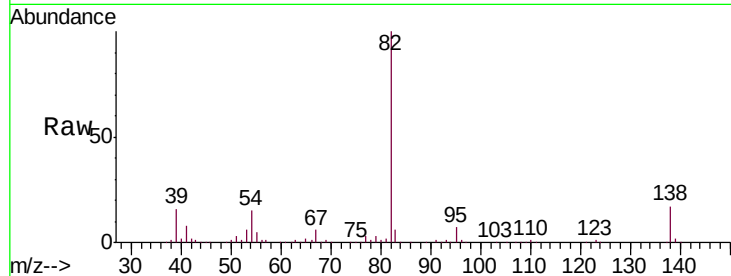
Tgt Ion: 82 Resp: 724519

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 30.167 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

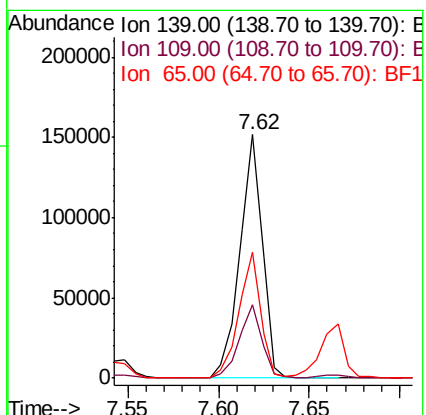
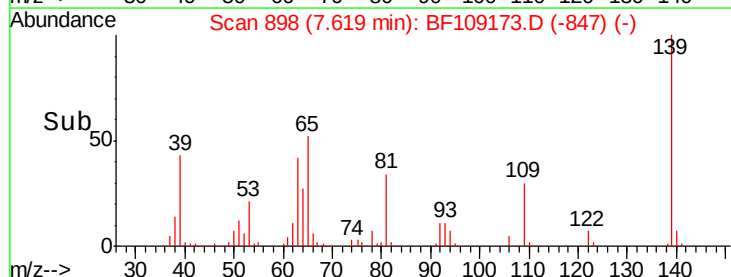
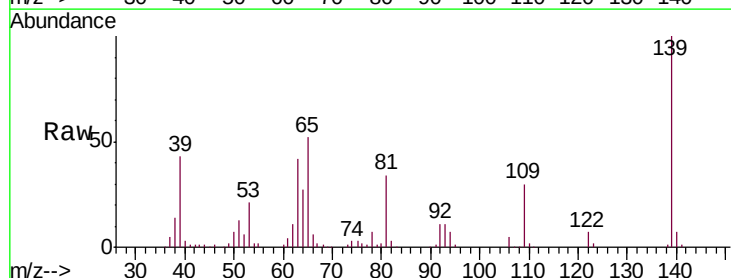
Tgt Ion: 139 Resp: 130883

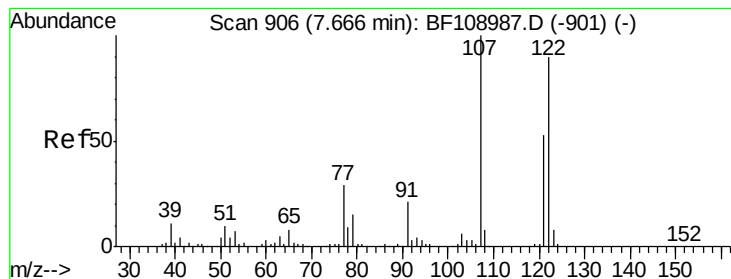
Ion Ratio Lower Upper

139 100

109 30.1 22.7 34.1

65 51.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.134 ng

RT: 7.67 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampled :

PB112951BS

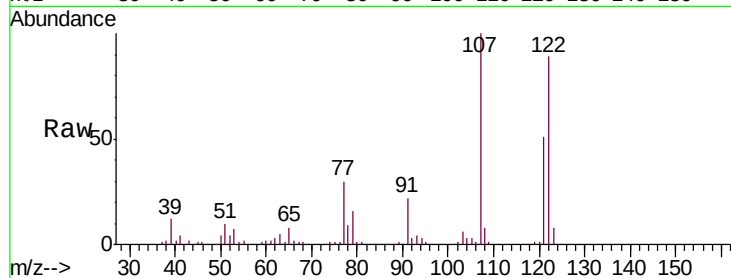
Tgt Ion:122 Resp: 320779

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

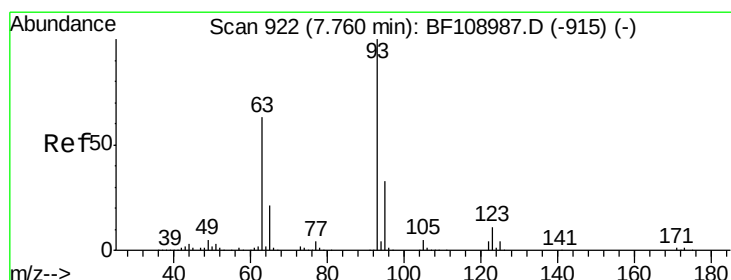
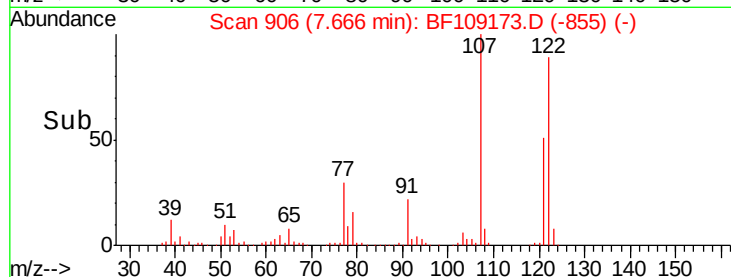
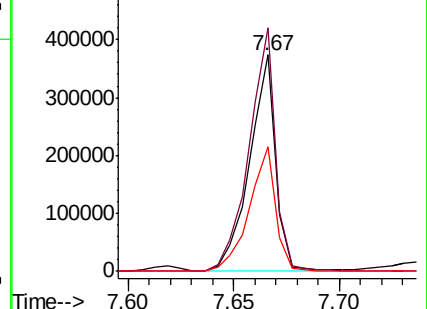
121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.694 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

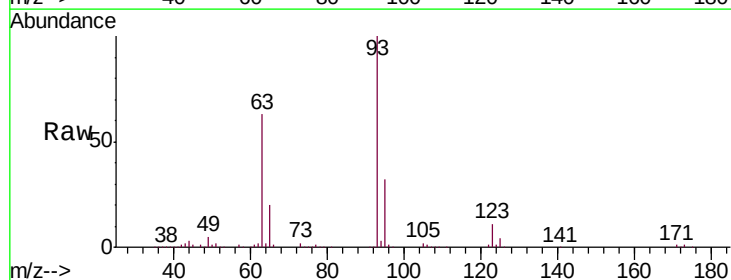
Tgt Ion: 93 Resp: 455499

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

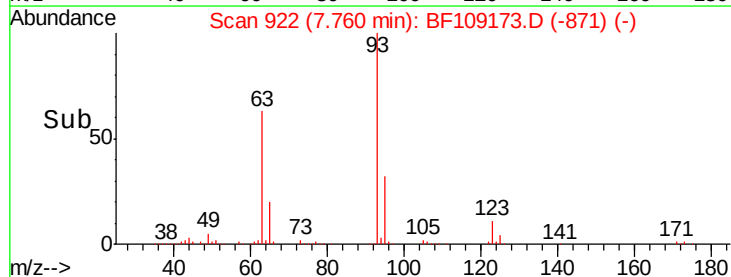
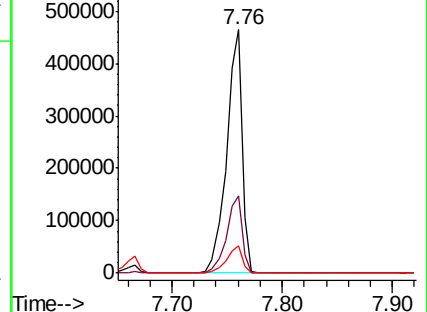
123 11.2 9.8 14.6

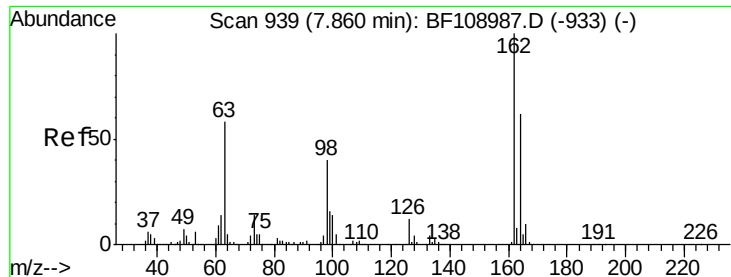


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

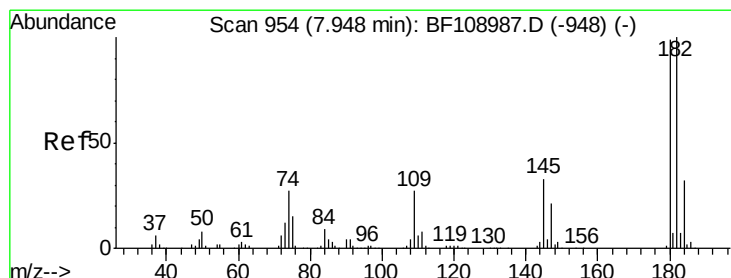
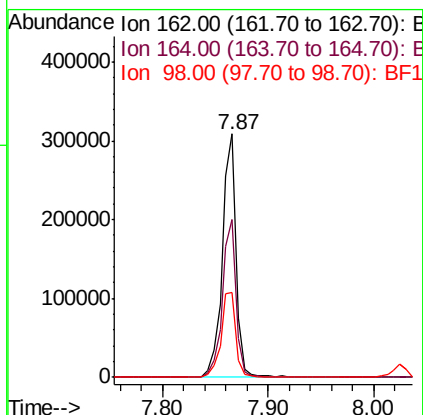
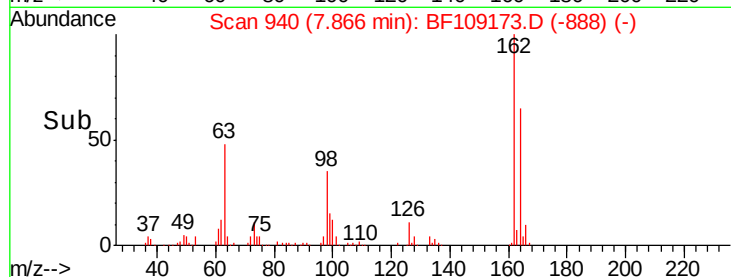
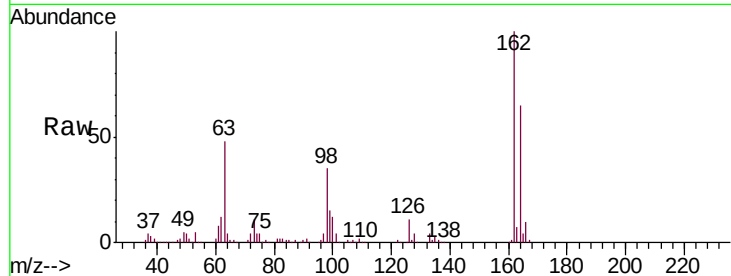




#29
2,4-Dichlorophenol
Concen: 39.096 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

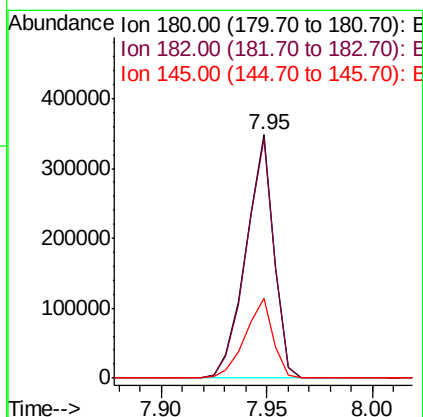
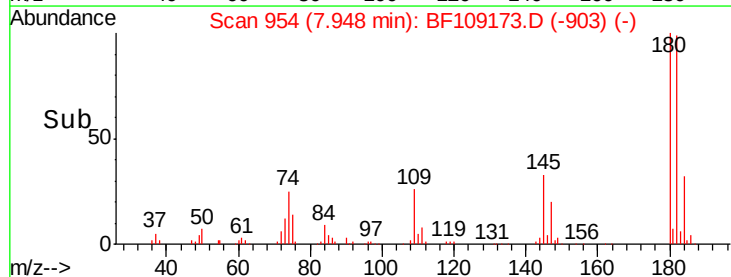
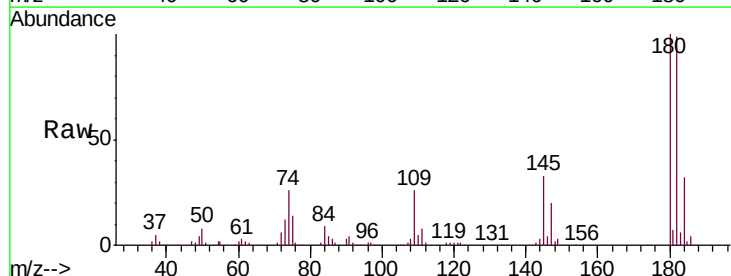
Instrument :
BNA_F
ClientSampleId :
PB112951BS

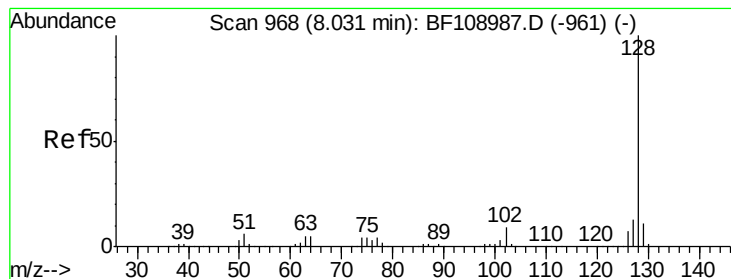
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	283539		
164	64.8	42.7	82.7	
98	35.0	18.1	58.1	



#30
1,2,4-Trichlorobenzene
Concen: 40.782 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	319711		
182	98.7	76.8	115.2	
145	32.6	26.5	39.7	





#31

Naphthalene

Concen: 44.267 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

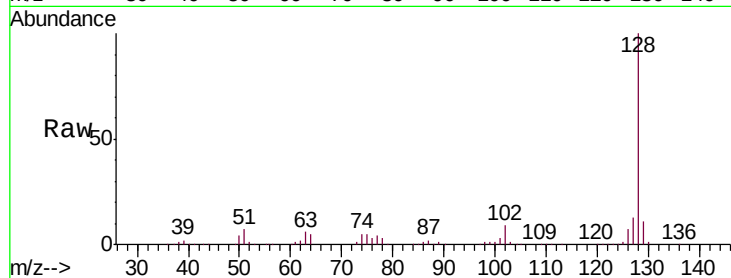
Tgt Ion:128 Resp: 1038525

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

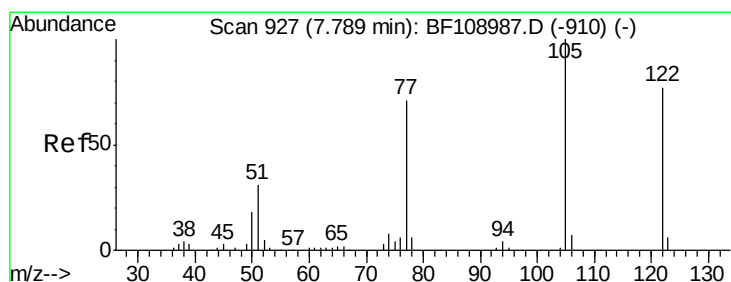
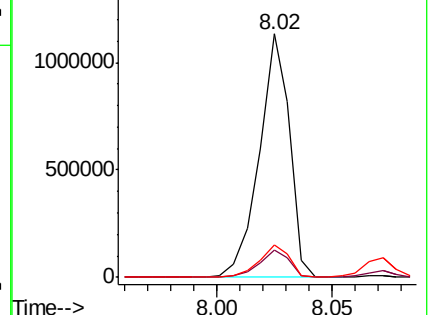
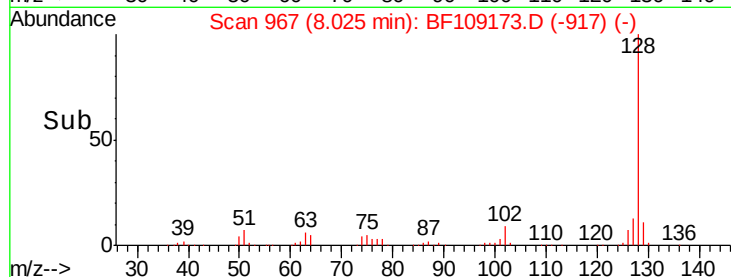
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.776 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

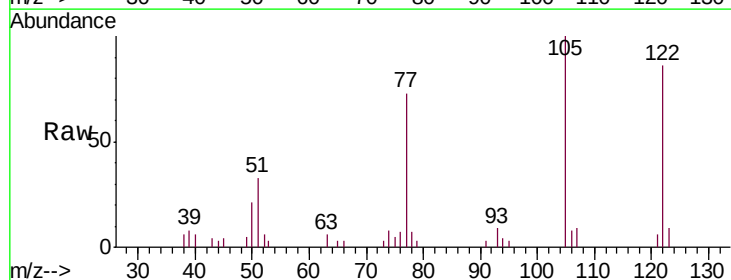
Tgt Ion:122 Resp: 34581

Ion Ratio Lower Upper

122 100

105 116.9 101.1 141.1

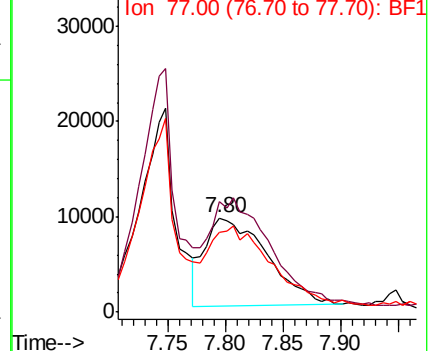
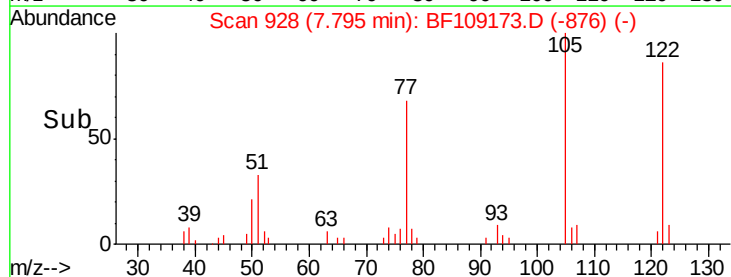
77 84.8 70.7 110.7

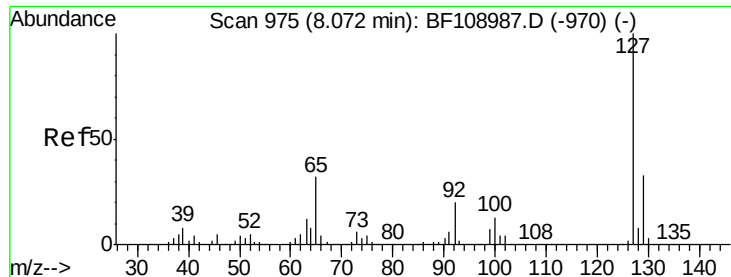


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

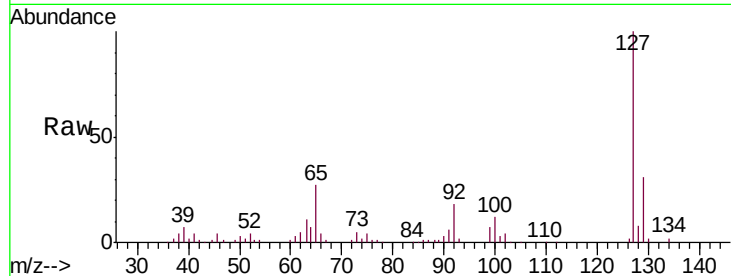




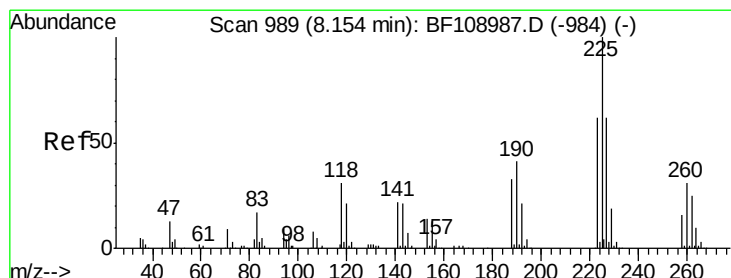
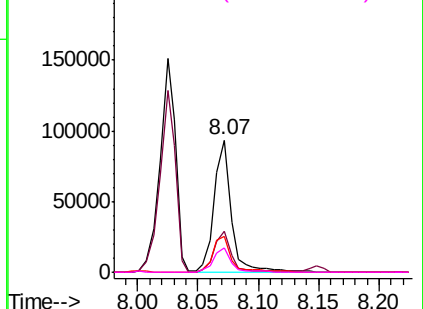
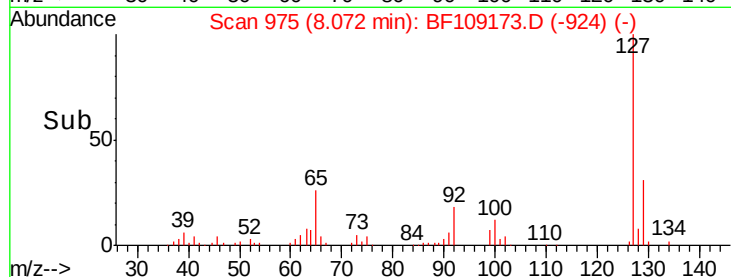
#33
4-Chloroaniline
Concen: 8.685 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion:	127	Resp:	90590
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	27.2	25.0	37.4
92	18.1	15.2	22.8

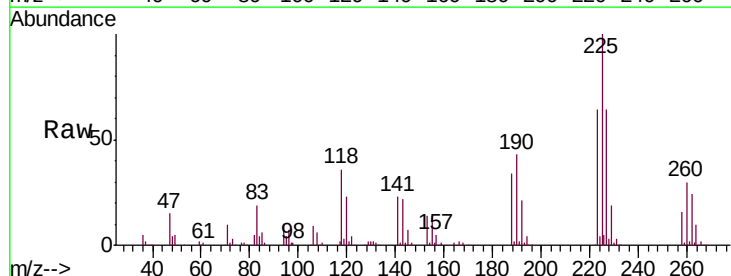


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

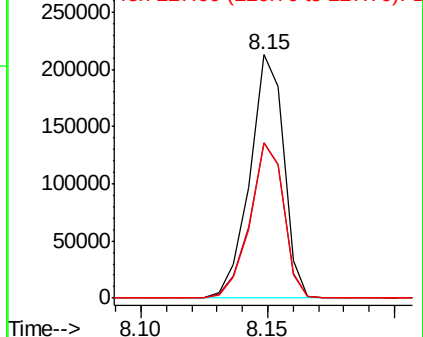
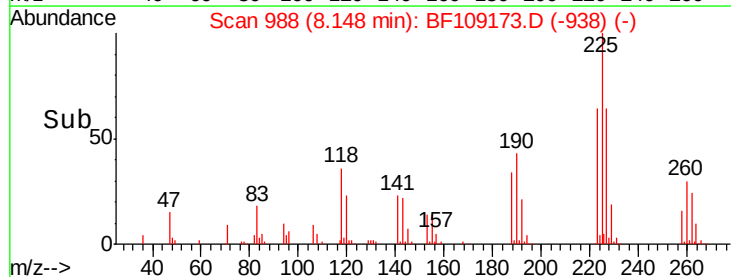


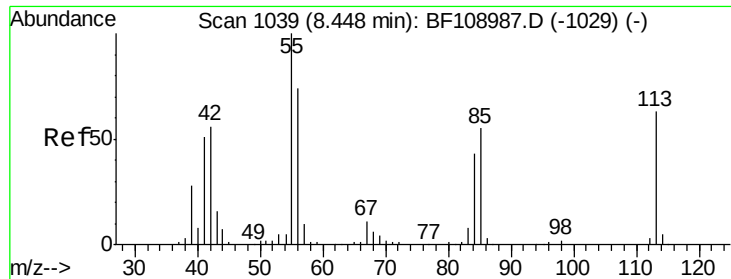
#34
Hexachlorobutadiene
Concen: 41.500 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:	225	Resp:	198621
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.7	51.9	77.9



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

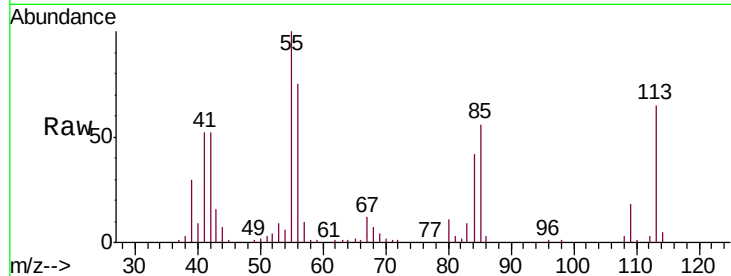




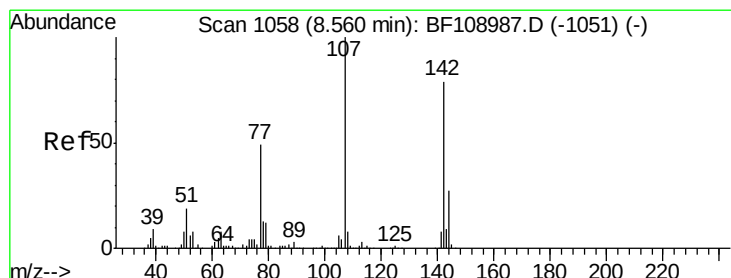
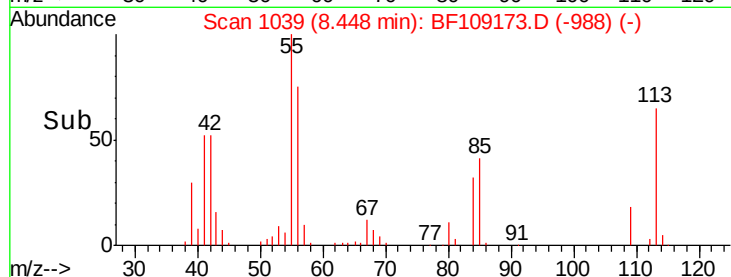
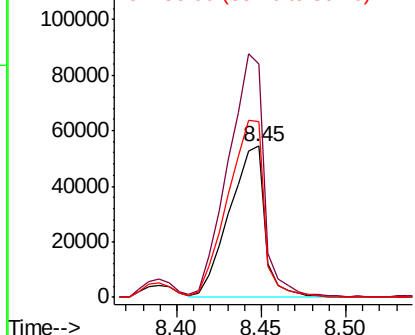
#35
 Caprolactam
 Concen: 33.826 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion:113 Resp: 79979
 Ion Ratio Lower Upper
 113 100
 55 154.4 163.3 203.3#
 56 116.1 115.7 155.7

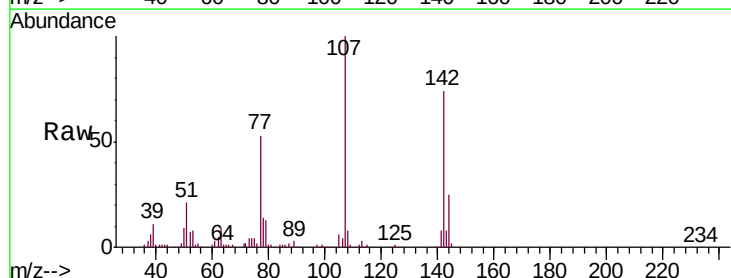


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

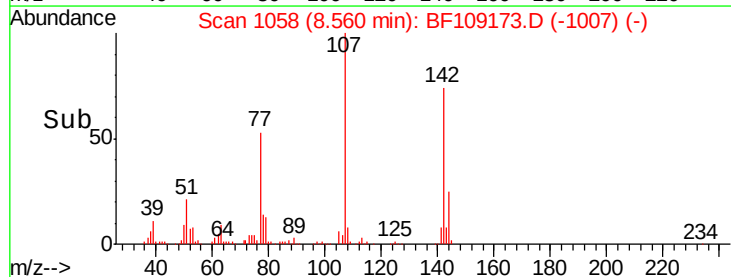
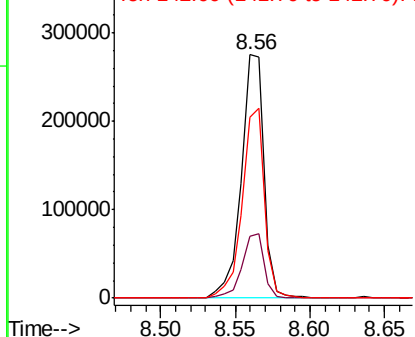


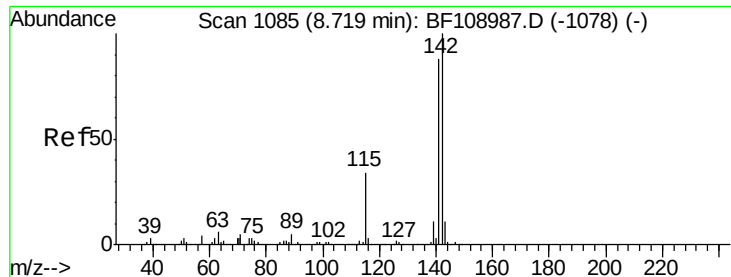
#36
 4-Chloro-3-methylphenol
 Concen: 38.072 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion:107 Resp: 290658
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 74.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

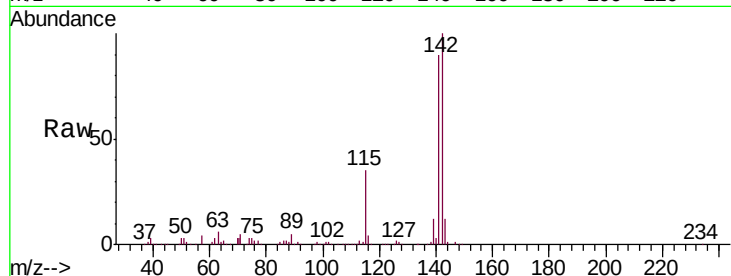




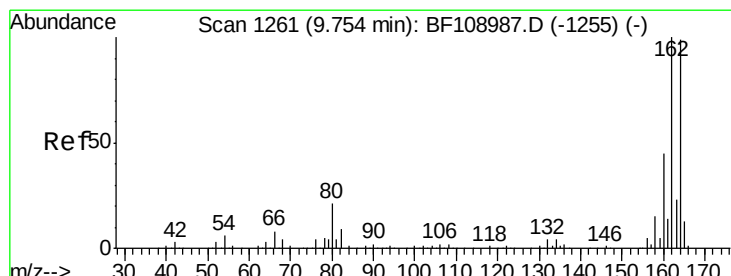
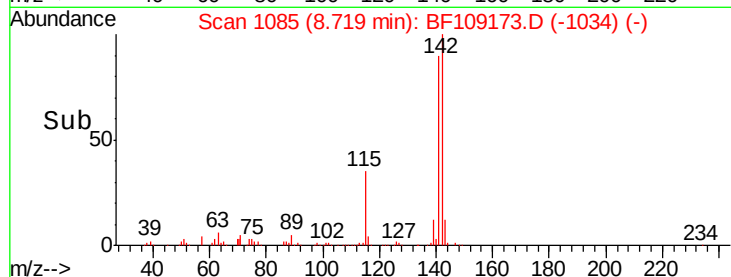
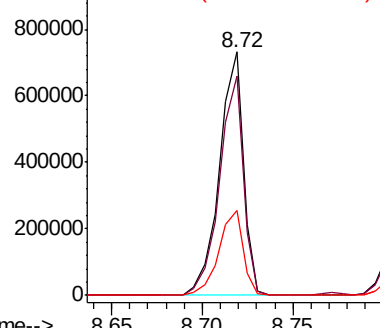
#37
 2-Methylnaphthalene
 Concen: 44.152 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion:142 Resp: 675222
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.8 106.2
 115 34.7 26.1 39.1

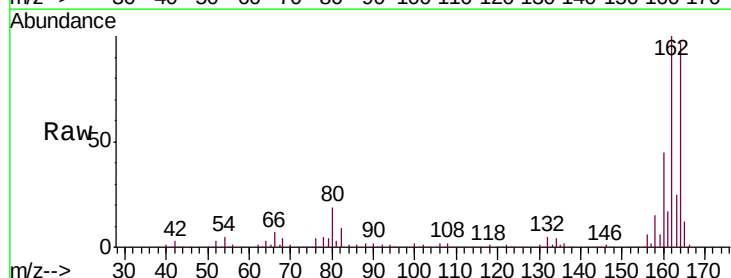


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

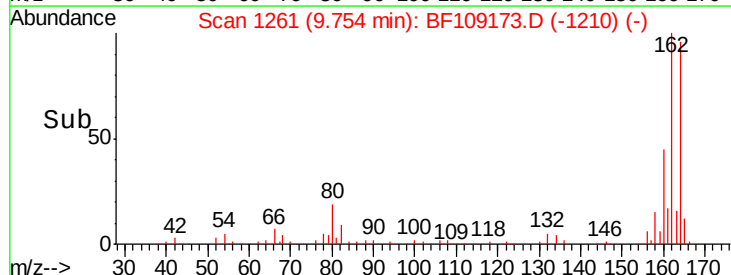
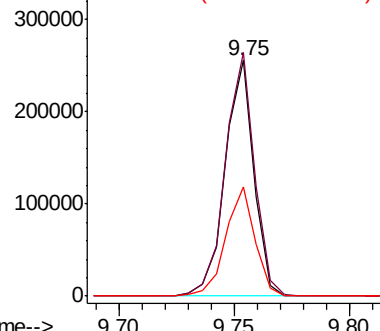


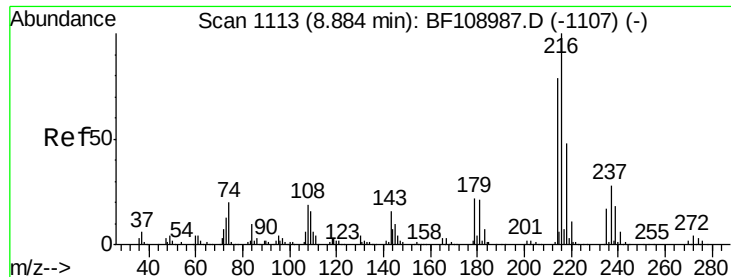
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion:164 Resp: 222290
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

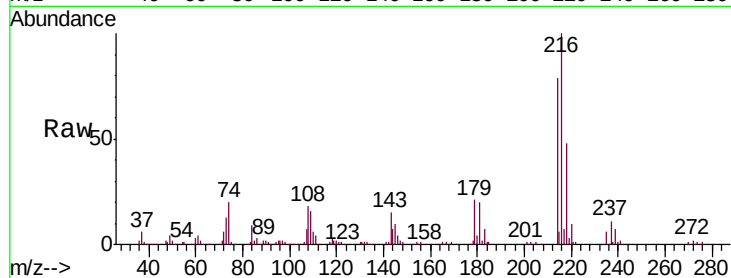




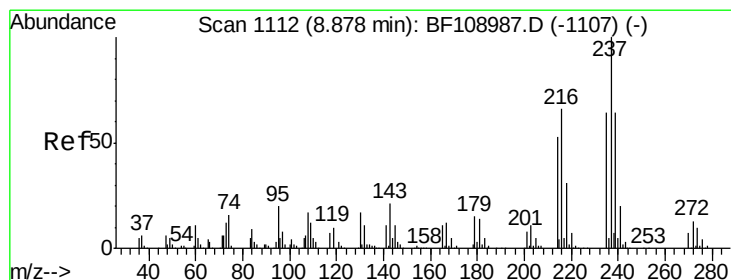
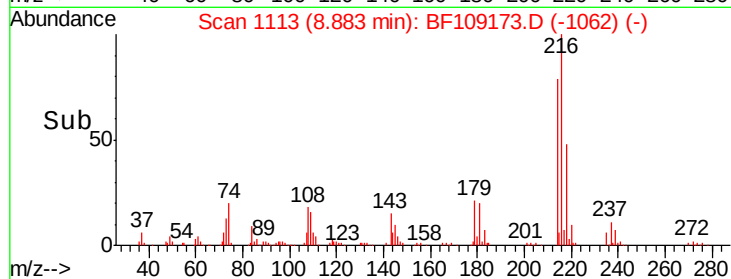
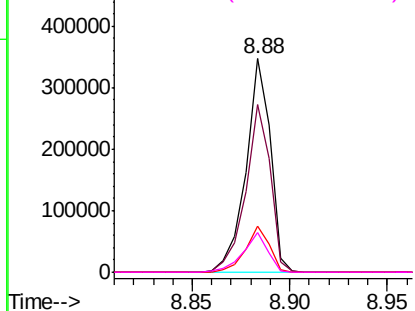
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.221 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion:	216	Resp:	302389
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.9	18.1	27.1
108	18.9	17.2	25.8

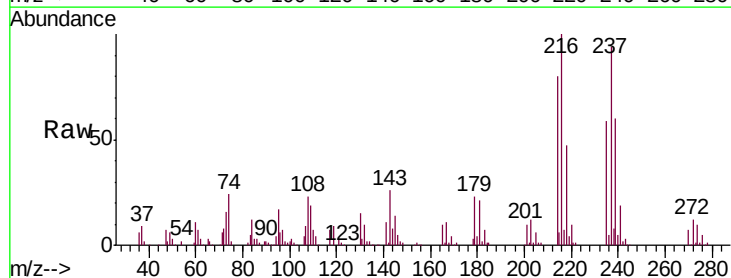


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

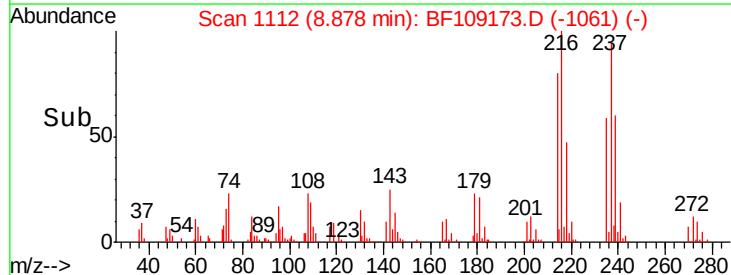
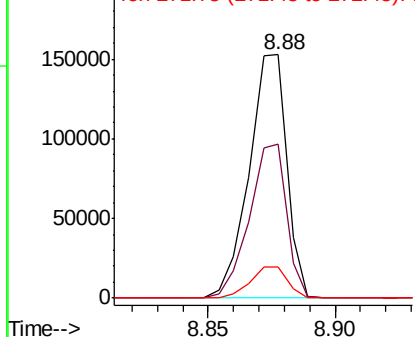


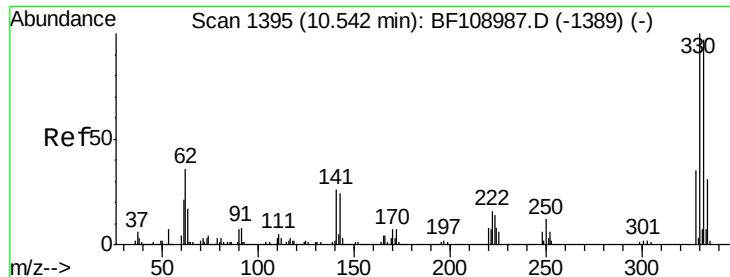
#40
 Hexachlorocyclopentadiene
 Concen: 45.099 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion:	237	Resp:	158974
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.9	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: 73.856 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

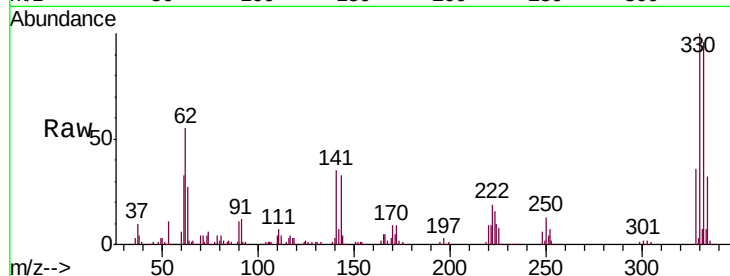
Tgt Ion:330 Resp: 178172

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

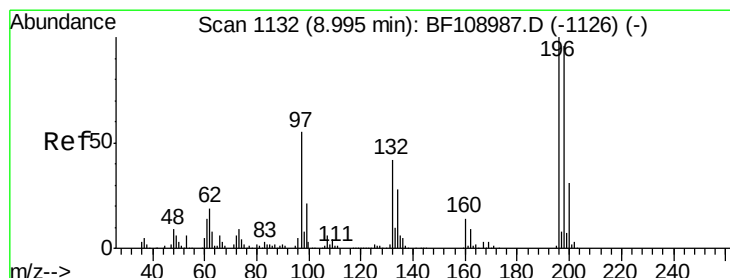
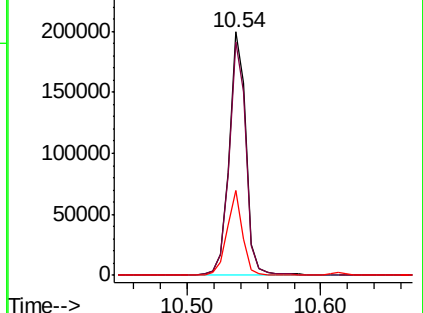
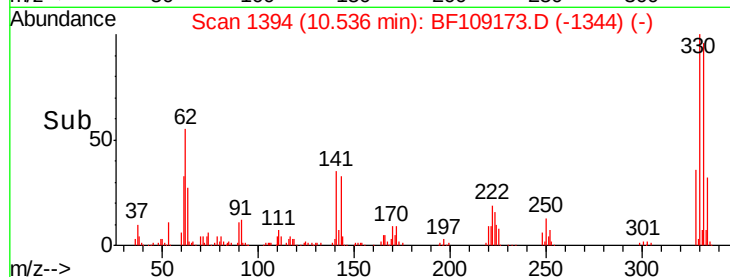
141 31.9 29.9 44.9



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: 39.963 ng

RT: 9.00 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

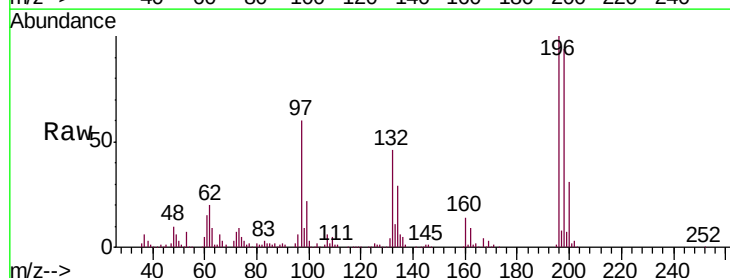
Tgt Ion:196 Resp: 187931

Ion Ratio Lower Upper

196 100

198 93.6 75.7 113.5

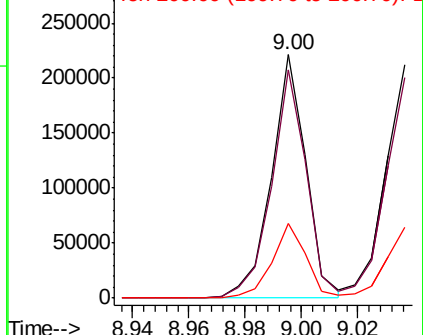
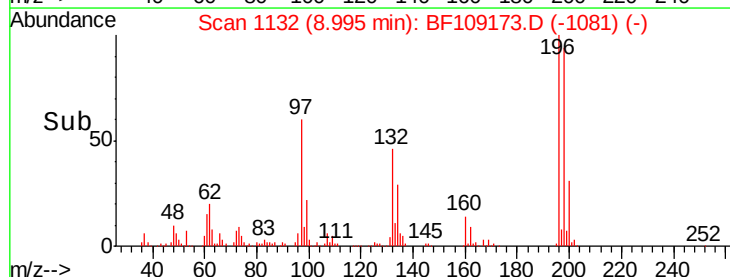
200 30.9 24.5 36.7

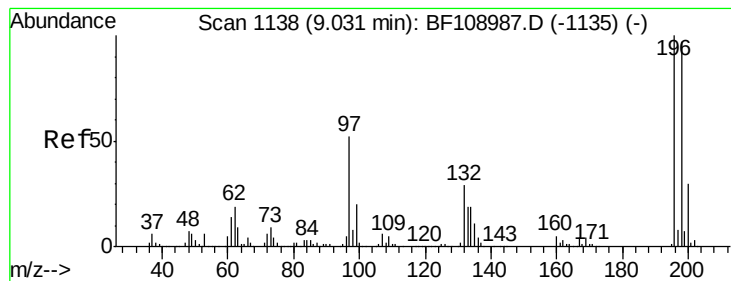


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 39.273 ng

RT: 9.04 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

Tgt Ion:196 Resp: 192995

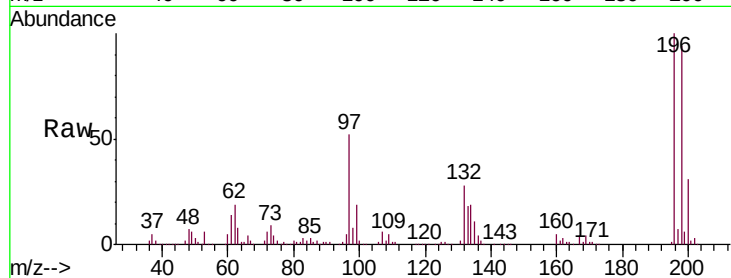
Ion Ratio Lower Upper

196 100

198 94.4 74.6 112.0

97 51.7 42.9 64.3

132 28.2 26.3 39.5

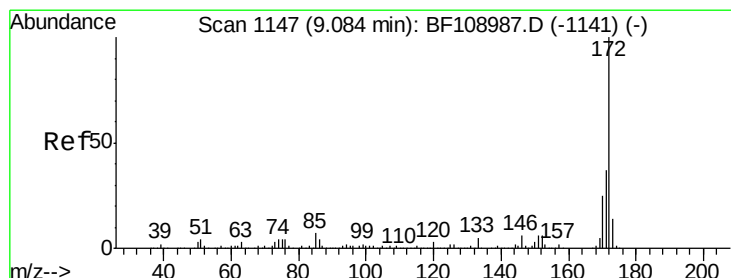
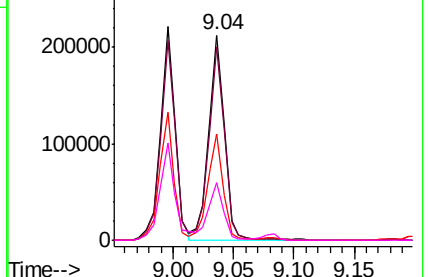
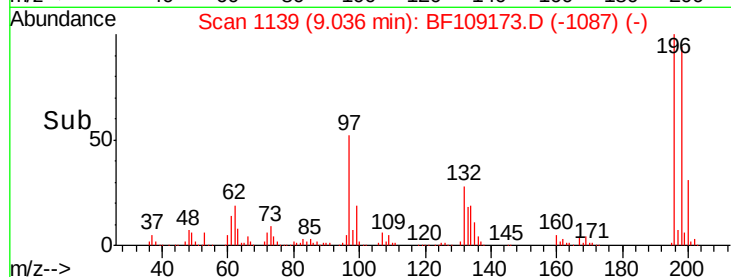


Abundance Ion 196.00 (195.70 to 196.70): E

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: 99.003 ng

RT: 9.08 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

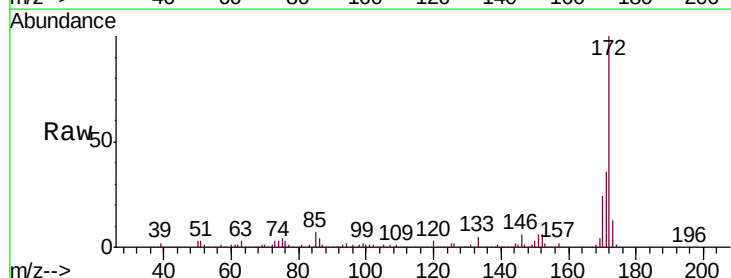
Tgt Ion:172 Resp: 1404672

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

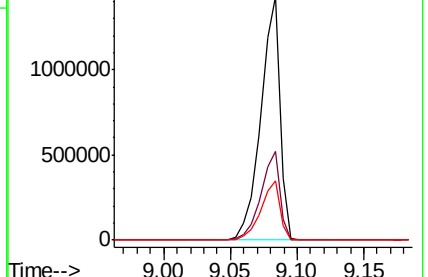
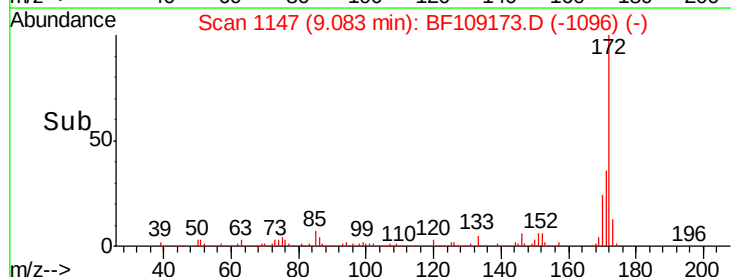
170 24.3 19.6 29.4

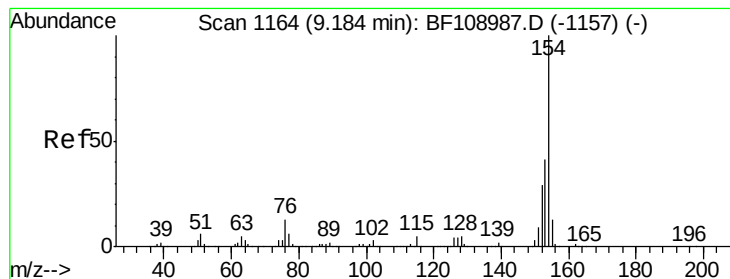


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.001 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

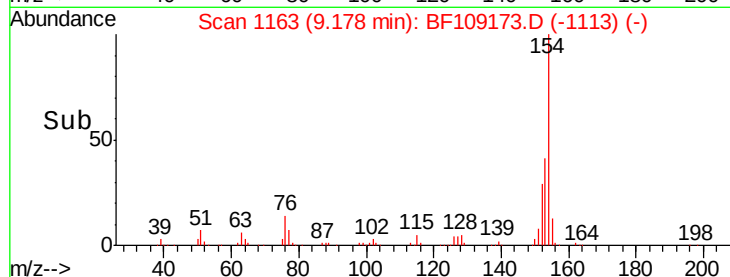
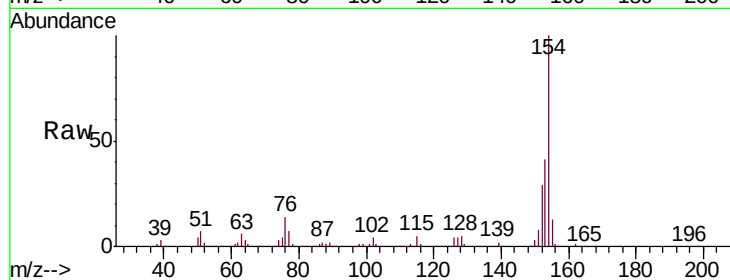
Tgt Ion:154 Resp: 782520

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

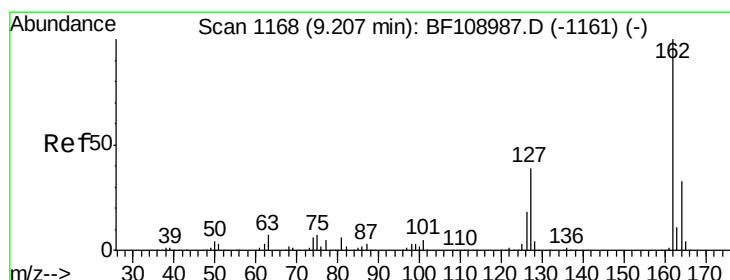
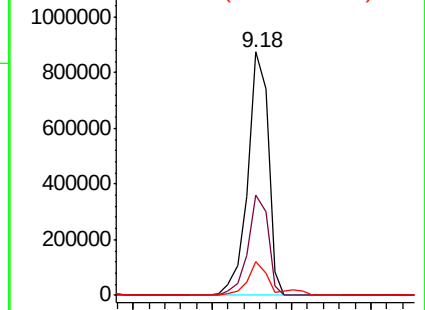
76 13.6 0.0 34.0



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: 42.639 ng

RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

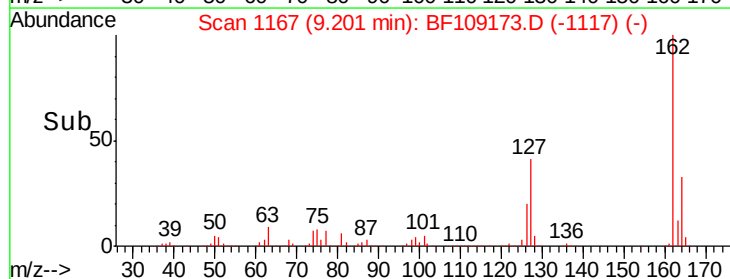
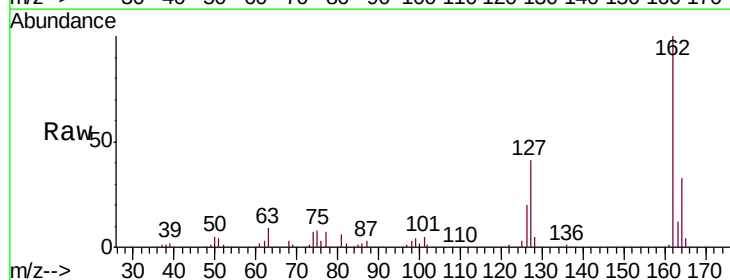
Tgt Ion:162 Resp: 607283

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

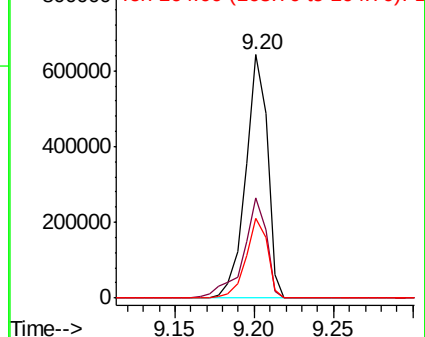
164 32.9 26.5 39.7

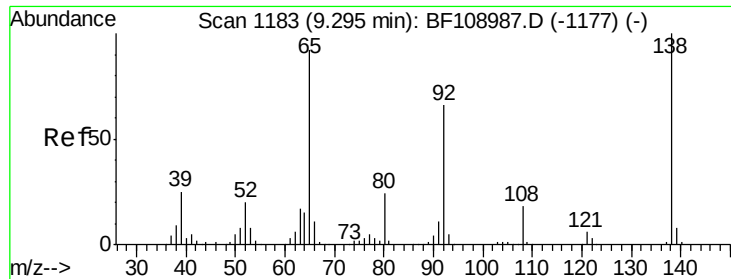


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

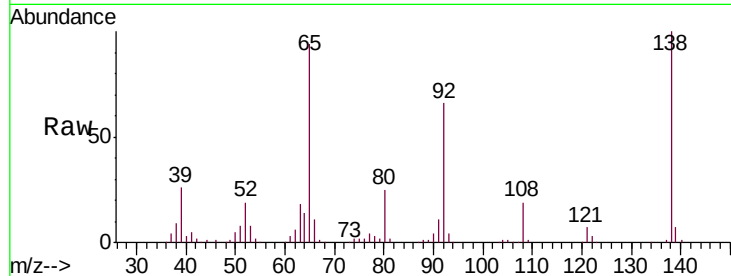




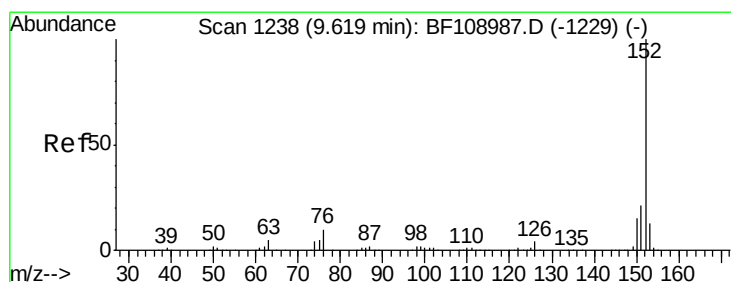
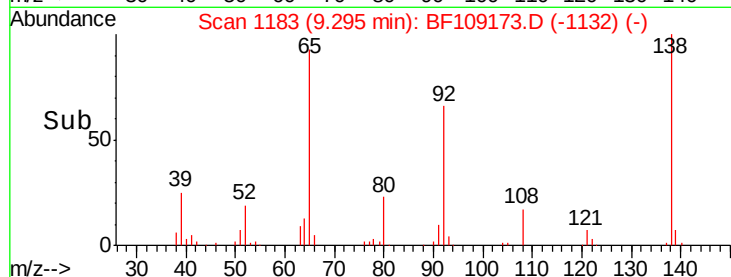
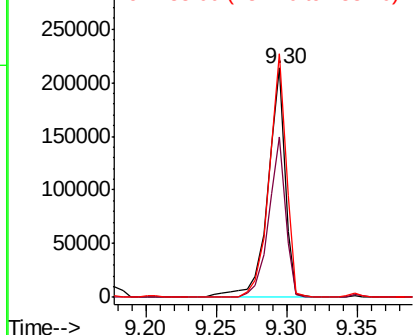
#47
2-Nitroaniline
Concen: 42.554 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion: 65 Resp: 186325
Ion Ratio Lower Upper
65 100
92 70.1 55.8 83.6
138 106.4 91.2 136.8

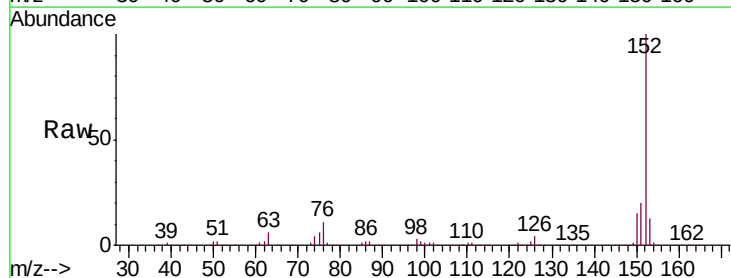


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

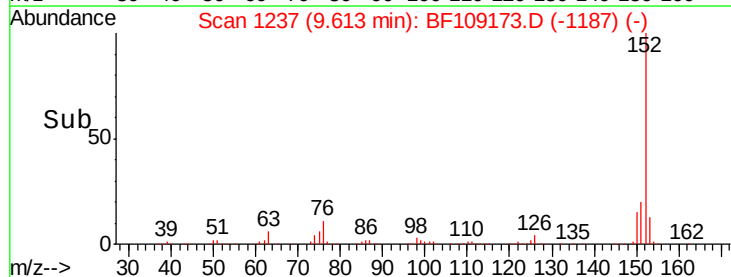
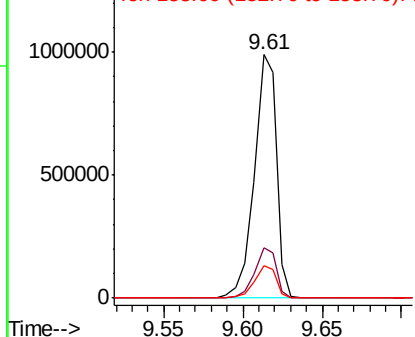


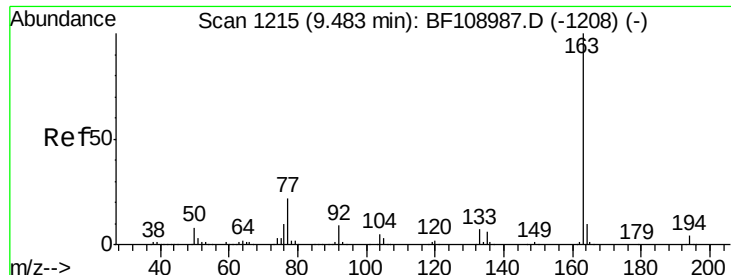
#48
Acenaphthylene
Concen: 44.603 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion: 152 Resp: 957786
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.5 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

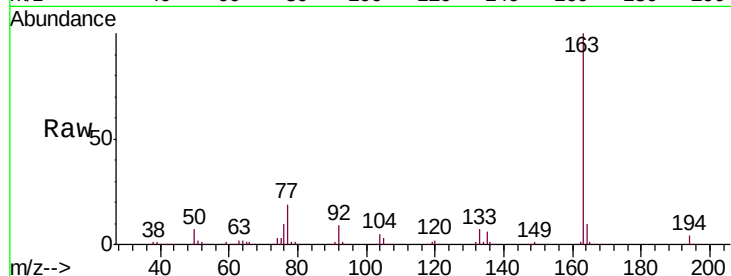




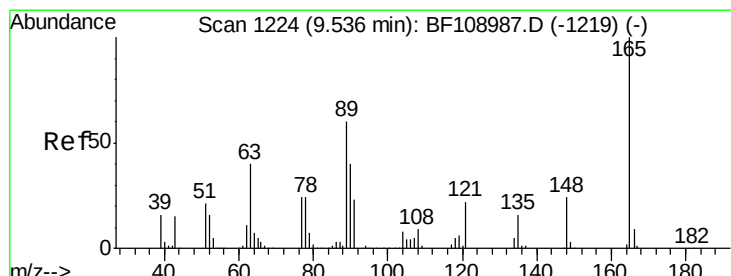
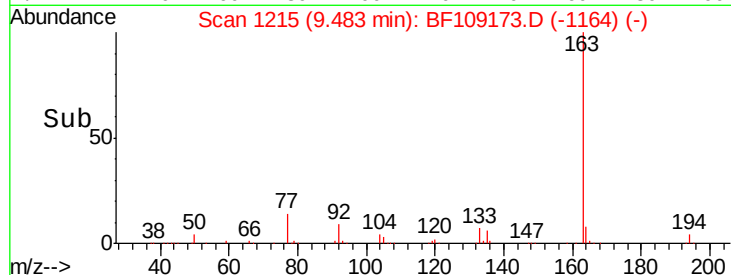
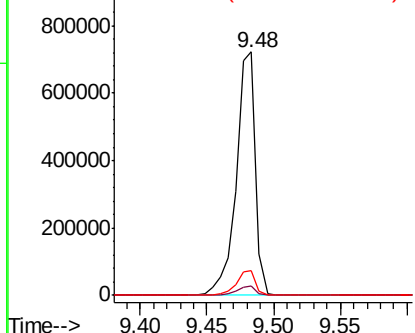
#49
Dimethylphthalate
Concen: 45.541 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion:163 Resp: 723545
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2

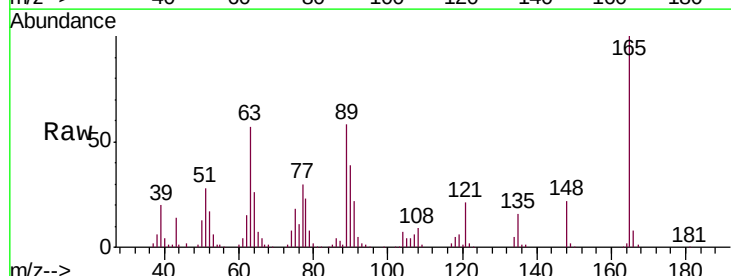


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

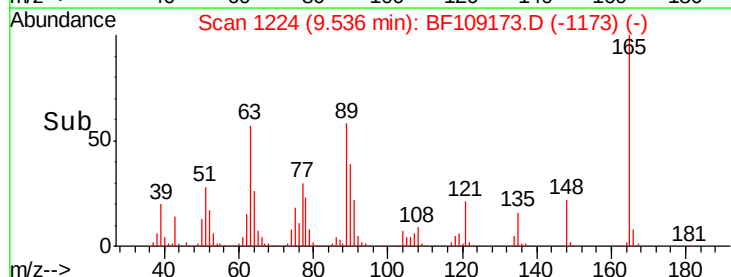
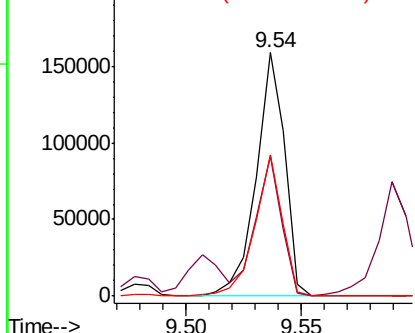


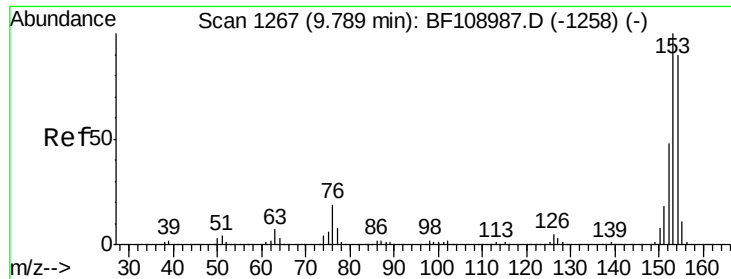
#50
2,6-Dinitrotoluene
Concen: 38.990 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:165 Resp: 137379
Ion Ratio Lower Upper
165 100
63 57.3 44.7 67.1
89 57.8 44.0 66.0



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





#51

Acenaphthene

Concen: 41.182 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

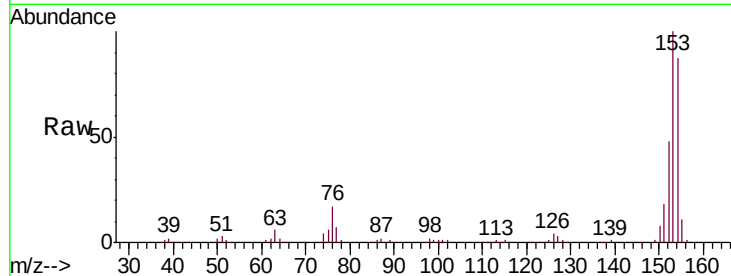
Tgt Ion:154 Resp: 550668

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

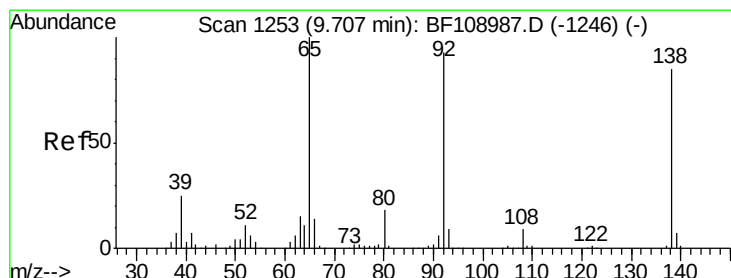
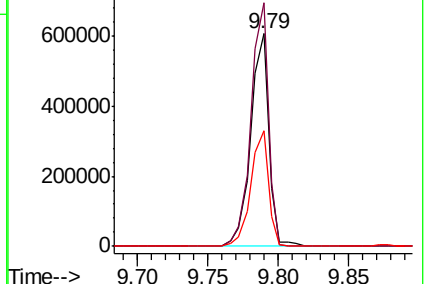
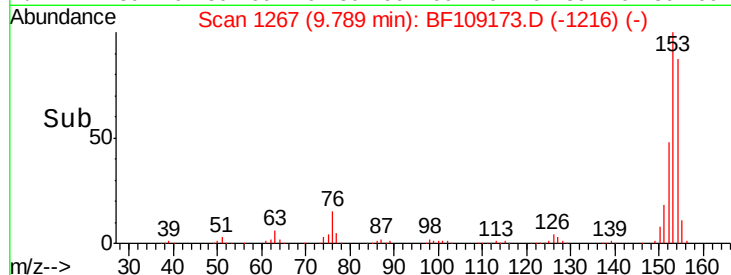
152 54.5 43.8 65.8



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: 32.434 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

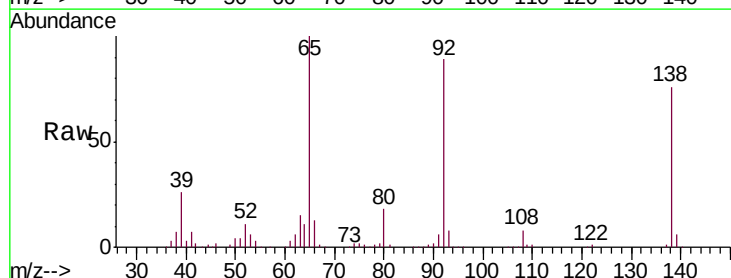
Tgt Ion:138 Resp: 134563

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

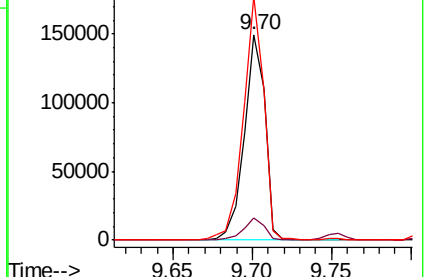
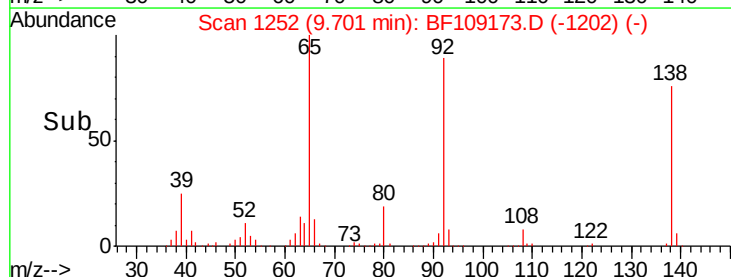
92 118.3 89.4 134.2

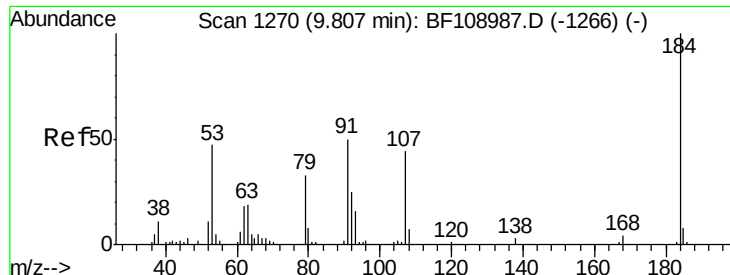


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

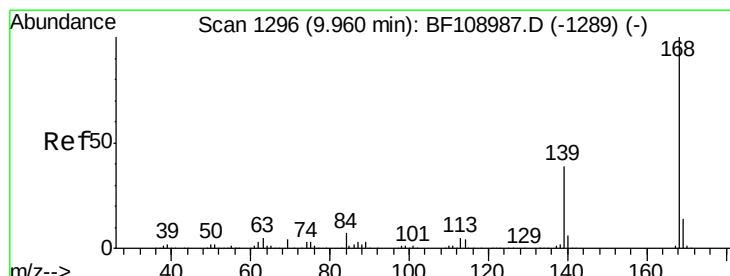
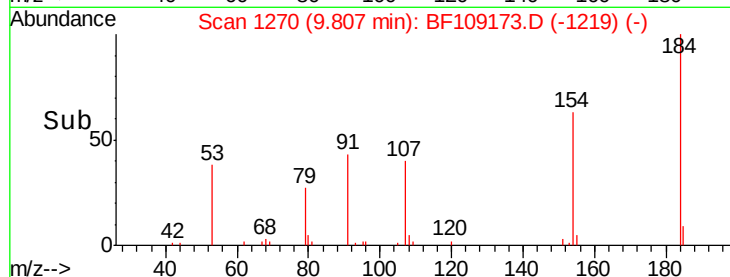
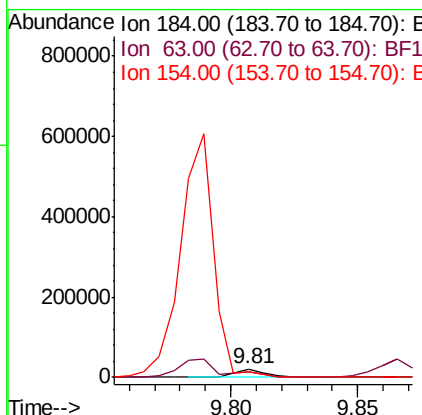
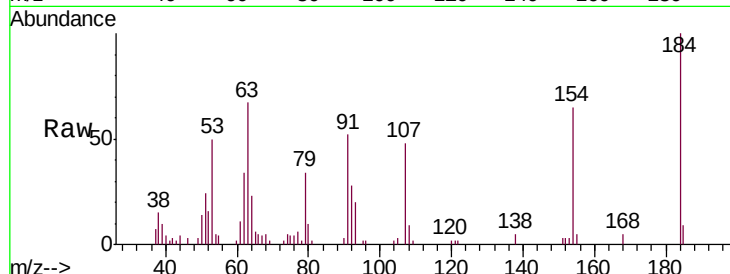




#53
 2,4-Dinitrophenol
 Concen: 12.809 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

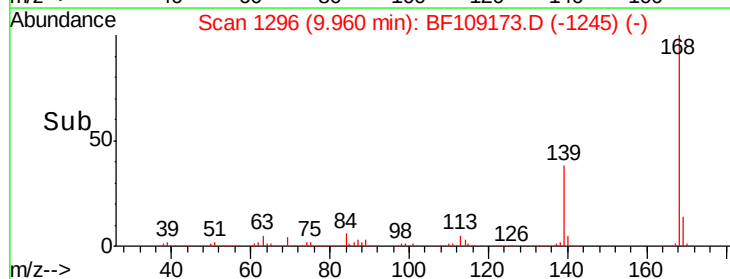
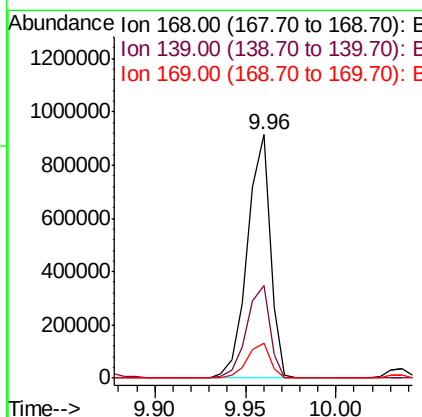
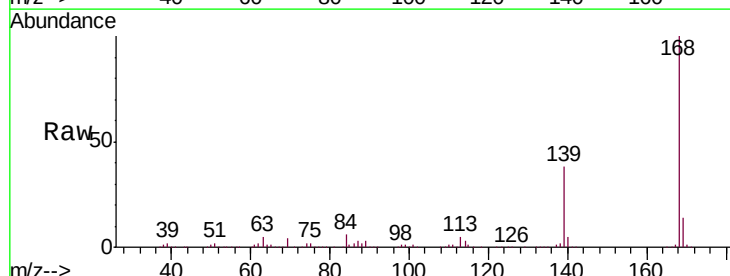
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

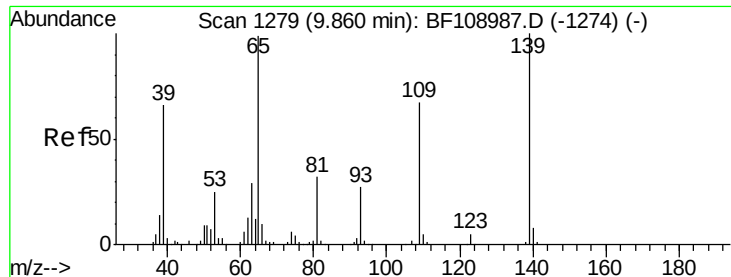
Tgt Ion:184 Resp: 17393
 Ion Ratio Lower Upper
 184 100
 63 67.4 54.2 81.2
 154 65.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.689 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion:168 Resp: 805542
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 14.2 10.9 16.3

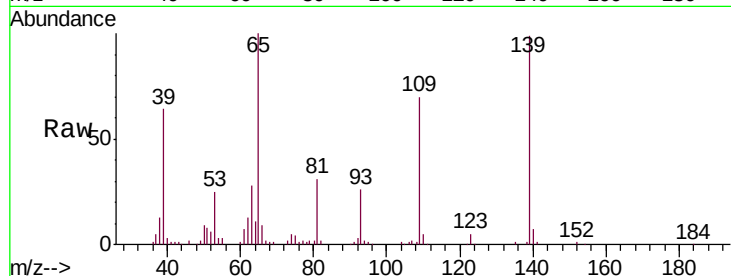




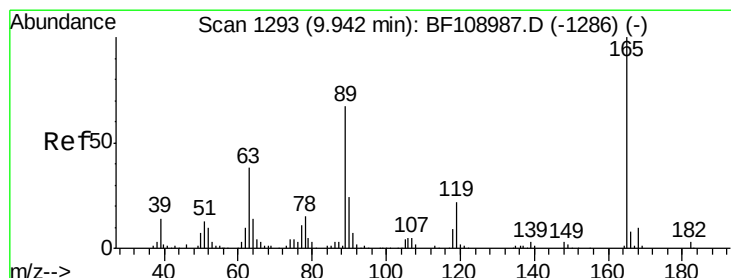
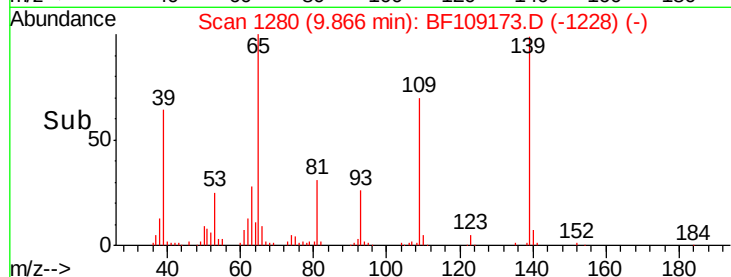
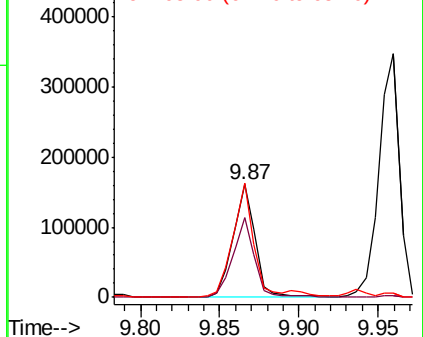
#55
4-Nitrophenol
Concen: 51.494 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion:139 Resp: 157407
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 101.4 72.6 112.6

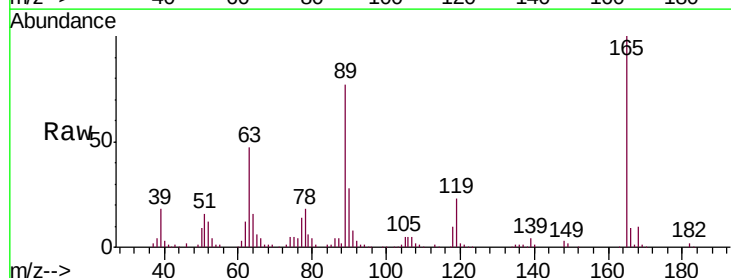


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

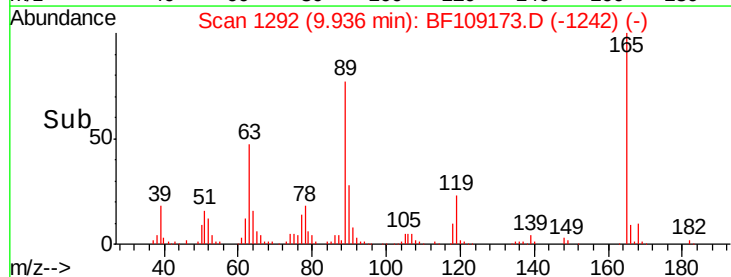
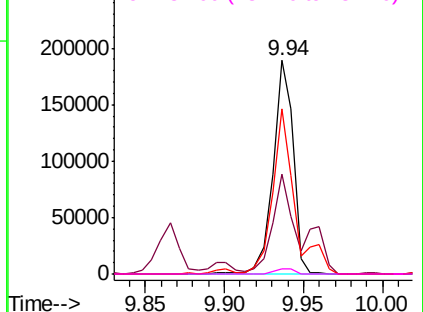


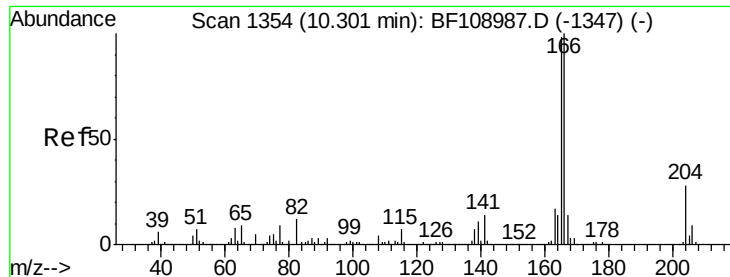
#56
2,4-Dinitrotoluene
Concen: 36.150 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:165 Resp: 166576
Ion Ratio Lower Upper
165 100
63 46.8 36.4 54.6
89 77.3 57.8 86.6
182 2.4 1.6 2.4



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

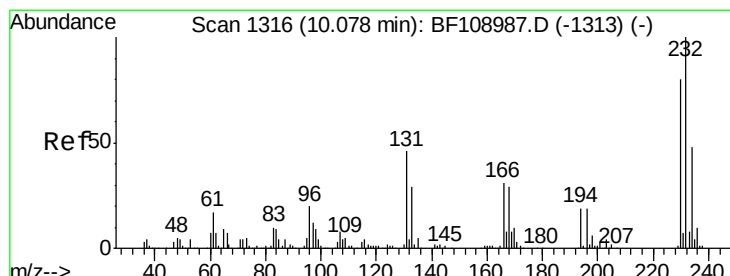
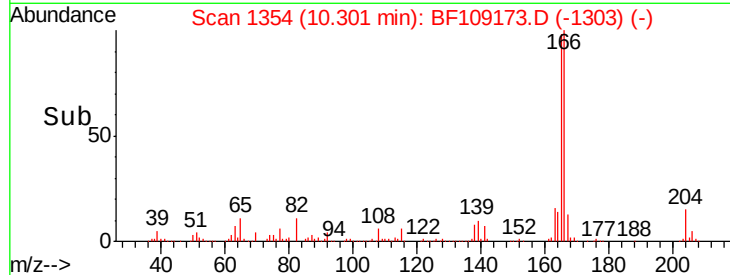
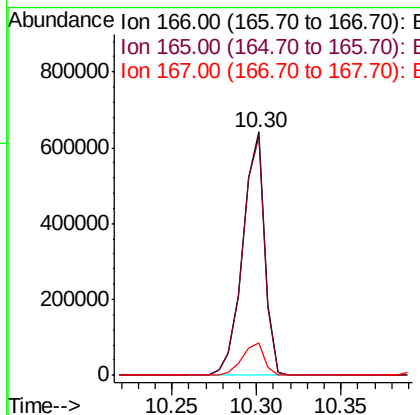
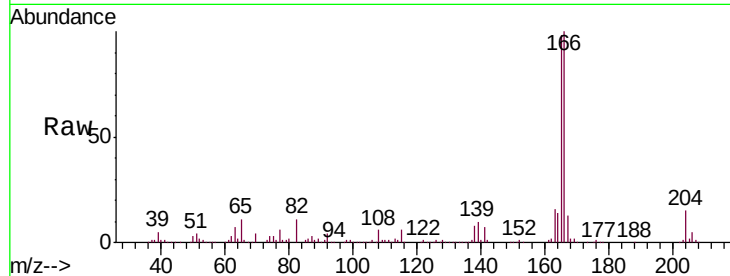




#57
 Fluorene
 Concen: 45.153 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

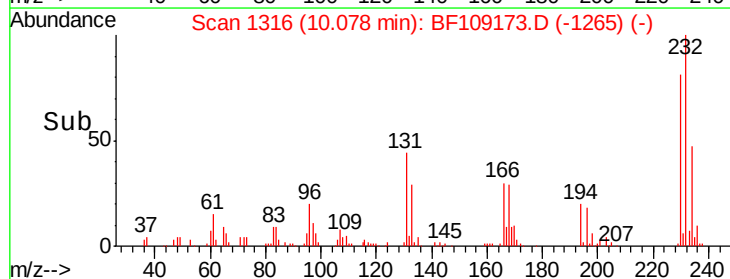
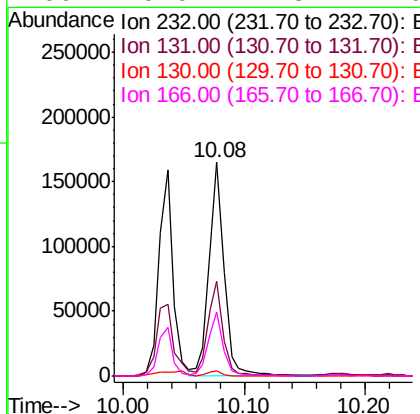
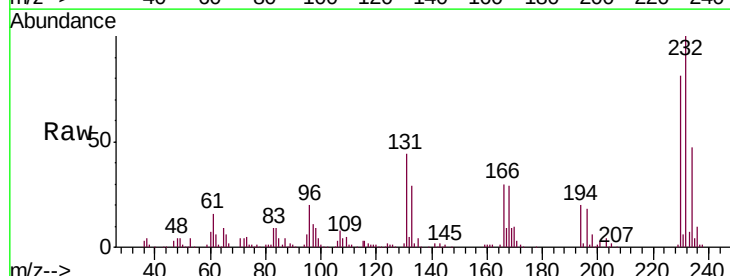
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

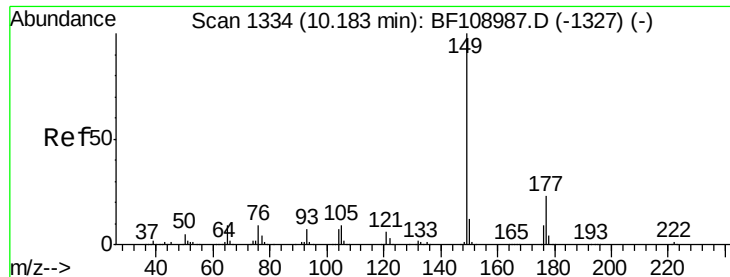
Tgt Ion:166 Resp: 581429
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.047 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion:232 Resp: 142610
 Ion Ratio Lower Upper
 232 100
 131 43.7 43.8 65.8#
 130 2.2 2.1 3.1
 166 29.0 27.8 41.6

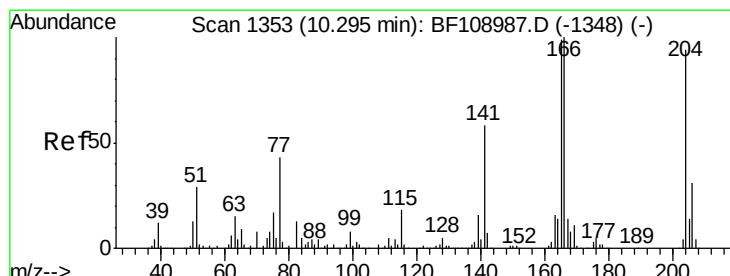
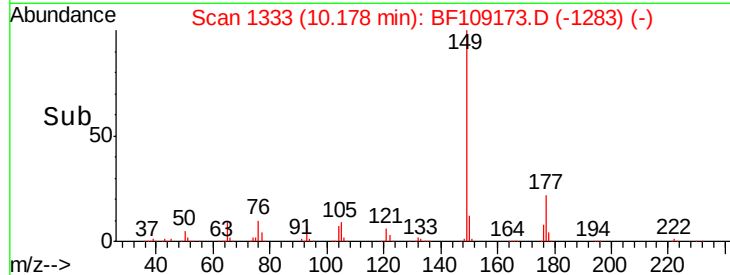
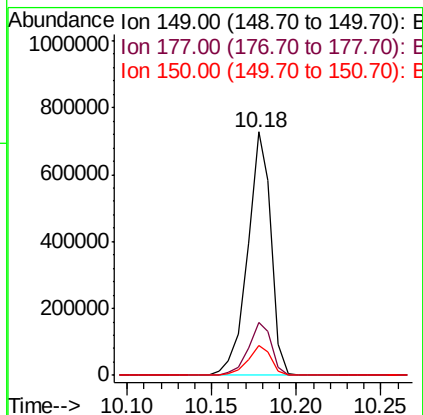
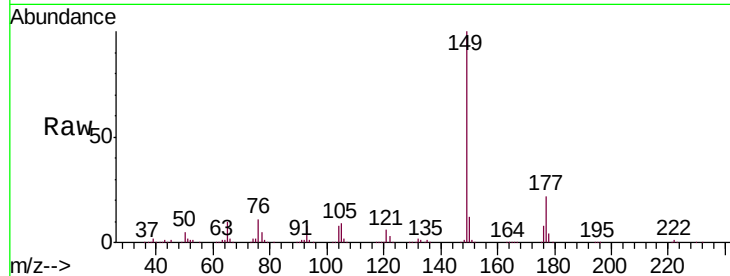




#59
Diethylphthalate
Concen: 43.751 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

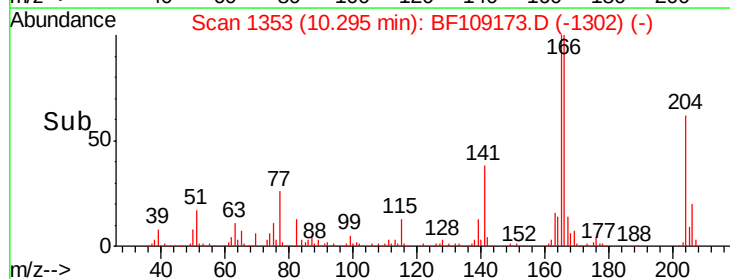
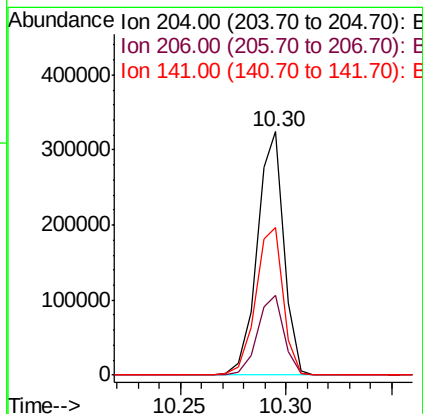
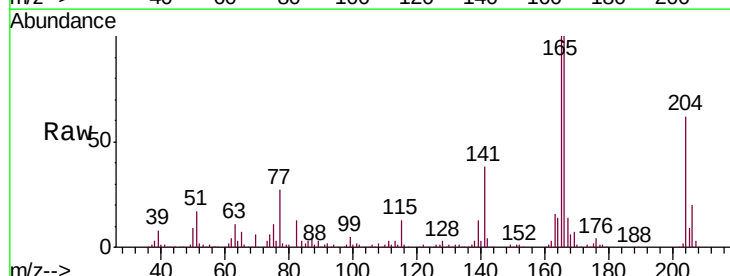
Instrument :
BNA_F
ClientSampleId :
PB112951BS

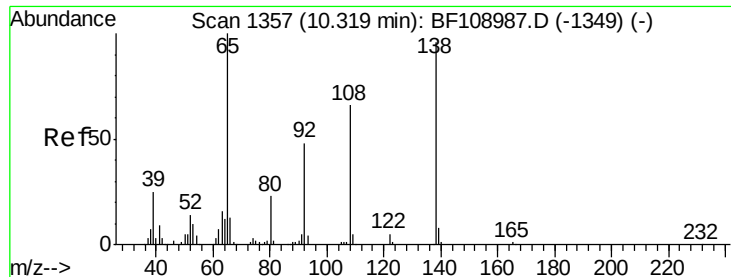
Tgt Ion:149 Resp: 701936
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.335 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:204 Resp: 285009
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 60.9 54.6 81.8

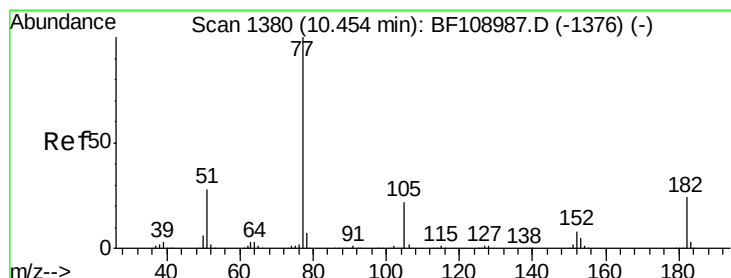
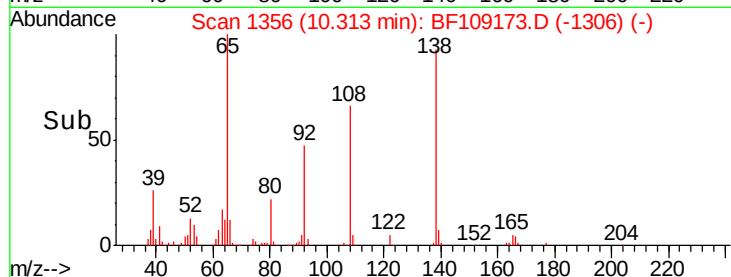
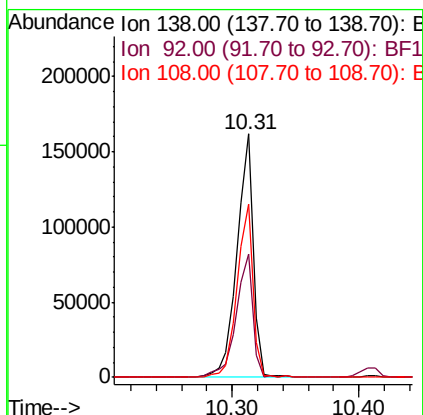
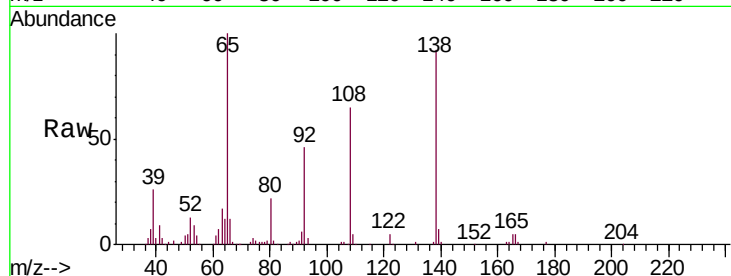




#61
4-Nitroaniline
Concen: 36.236 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

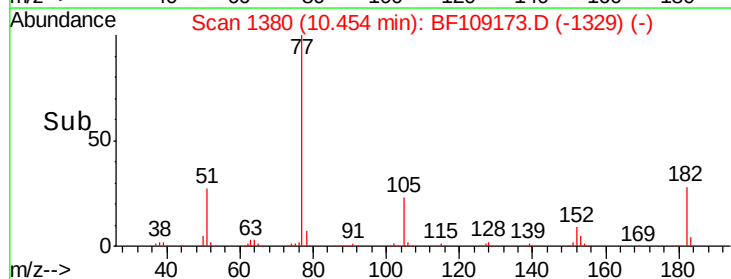
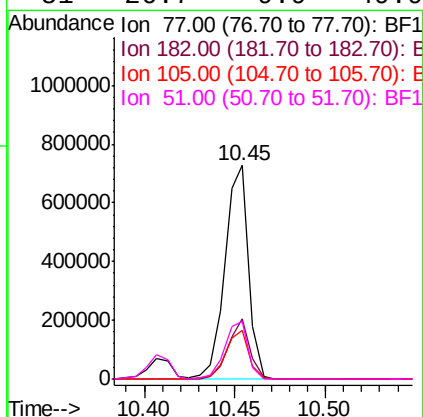
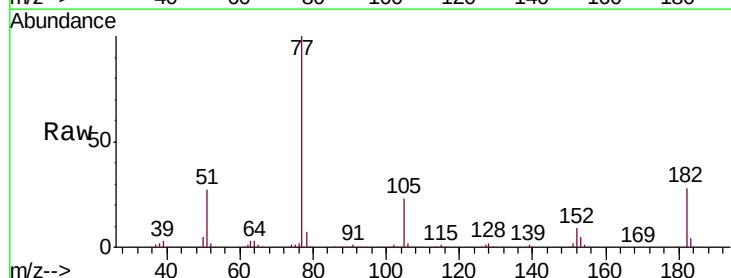
Instrument :
BNA_F
ClientSampleId :
PB112951BS

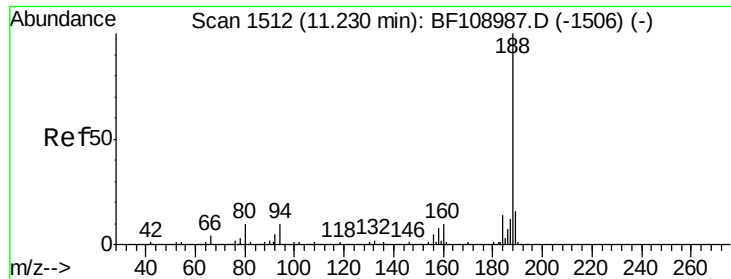
Tgt Ion:138 Resp: 142834
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 70.9 52.5 92.5



#62
Azobenzene
Concen: 39.928 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion: 77 Resp: 655736
Ion Ratio Lower Upper
77 100
182 28.1 1.7 41.7
105 22.8 3.0 43.0
51 26.7 9.9 49.9

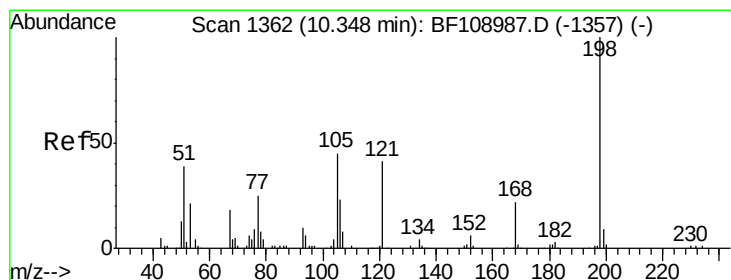
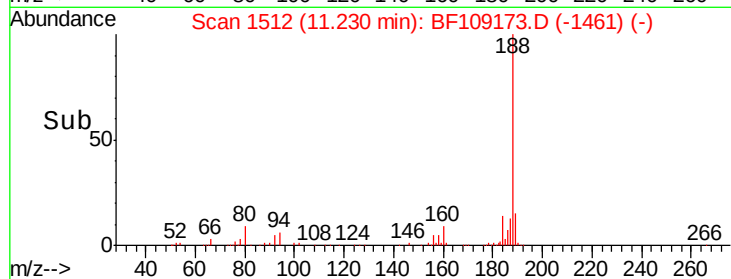
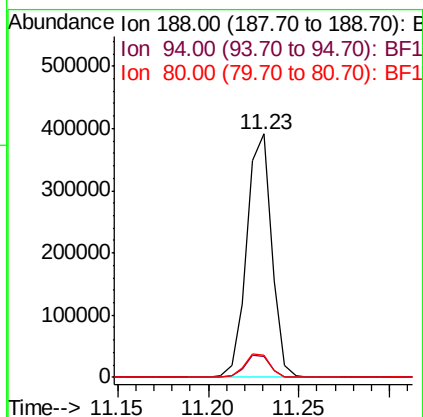
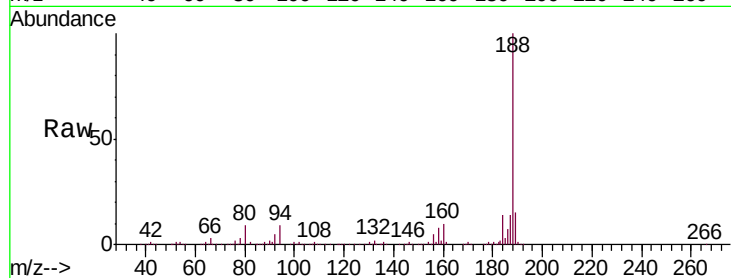




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

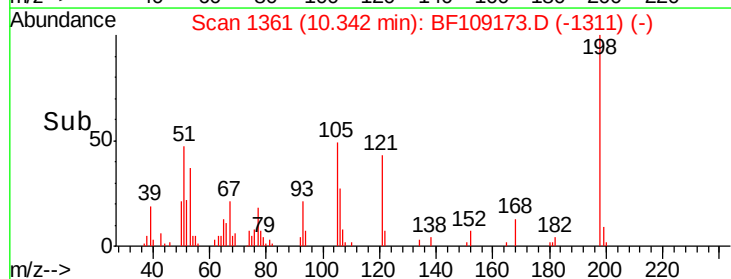
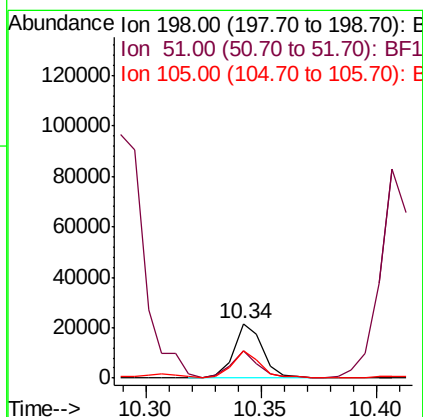
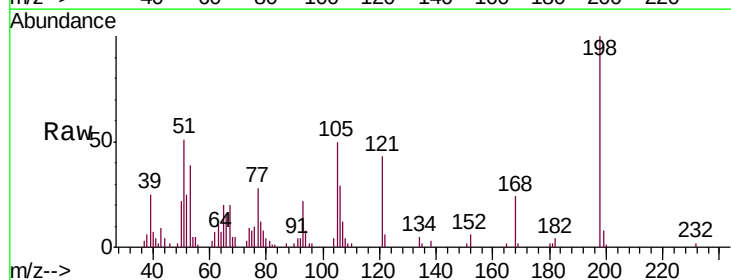
Instrument :
BNA_F
ClientSampleId :
PB112951BS

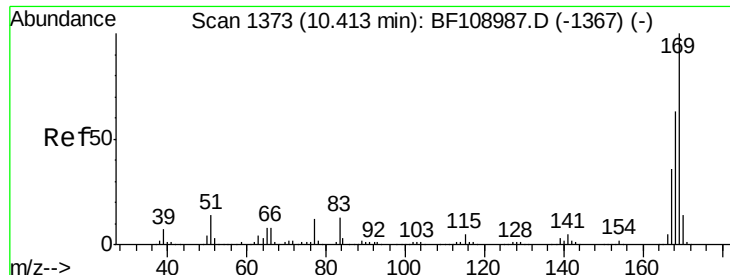
Tgt Ion:188 Resp: 373557
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.2 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 10.479 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:198 Resp: 18729
Ion Ratio Lower Upper
198 100
51 50.6 37.7 77.7
105 50.3 36.3 76.3

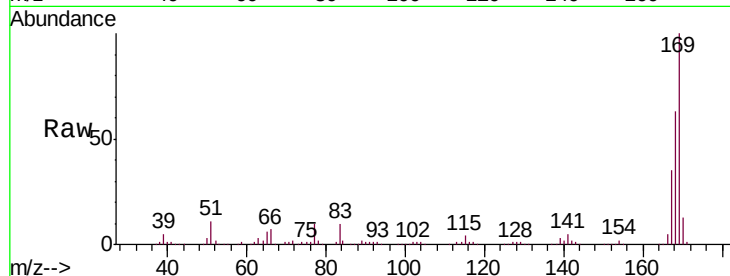




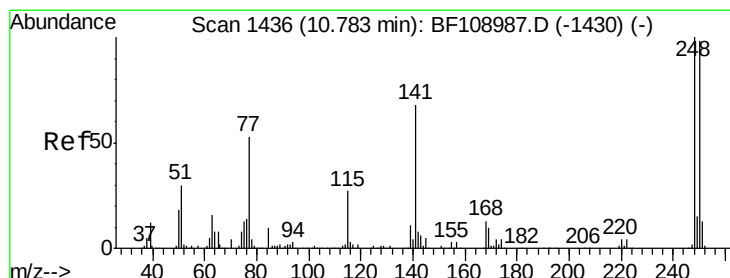
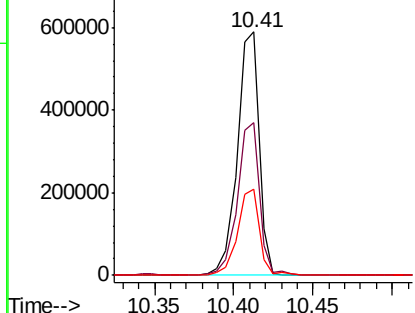
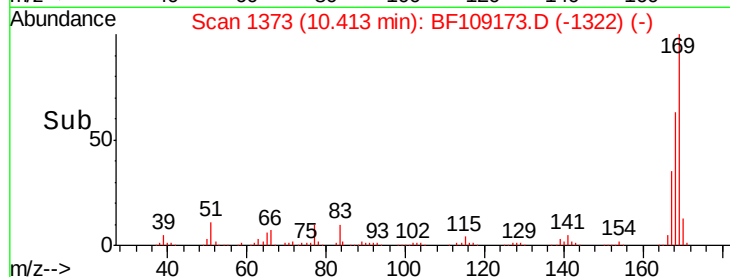
#65
 n-Nitrosodiphenylamine
 Concen: 45.982 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.8	54.4	81.6
167	35.2	29.8	44.6

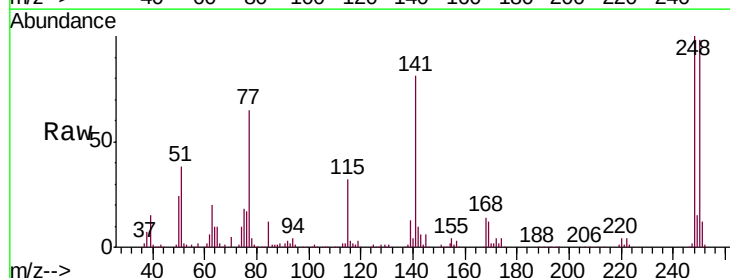


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

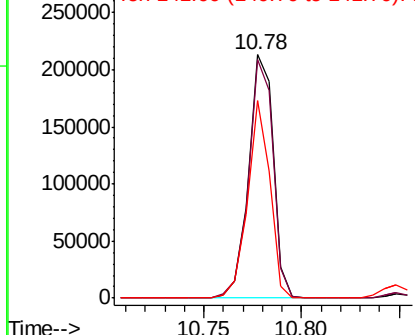
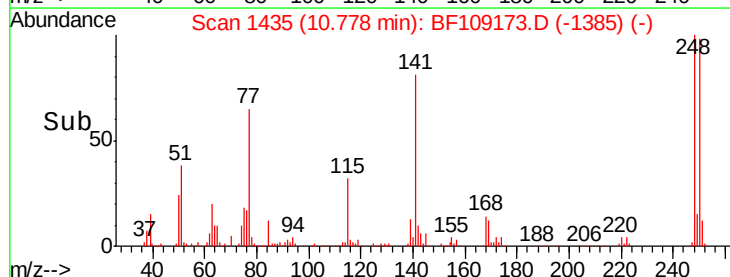


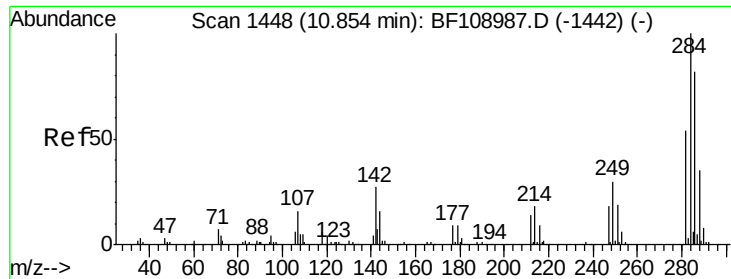
#66
 4-Bromophenyl-phenylether
 Concen: 44.324 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	81.0	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

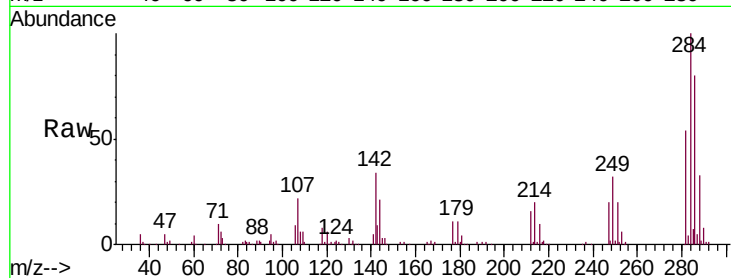




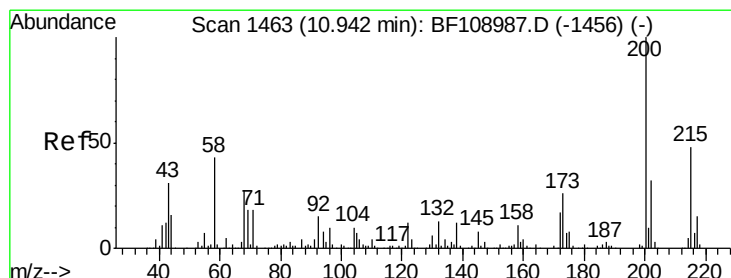
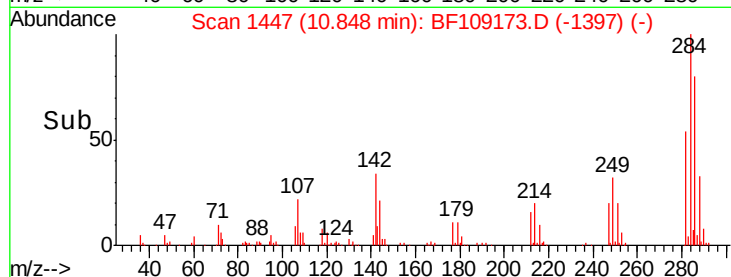
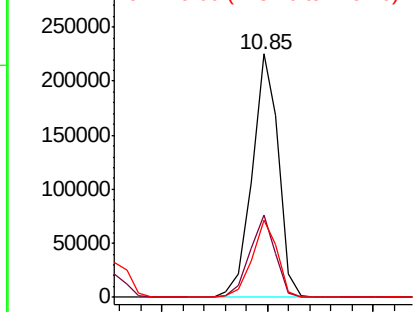
#67
Hexachlorobenzene
Concen: 43.151 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion: 284 Resp: 194378
Ion Ratio Lower Upper
284 100
142 33.9 34.6 52.0#
249 31.9 24.8 37.2

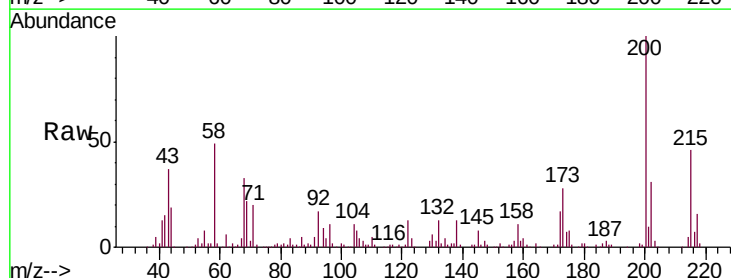


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

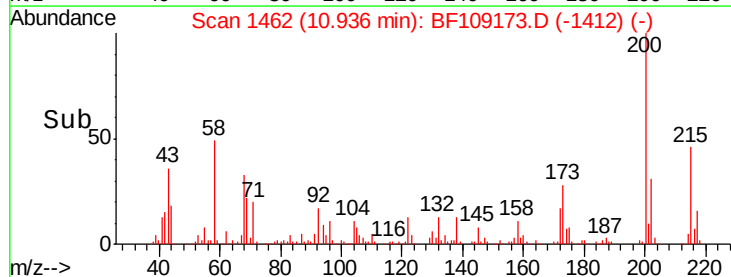
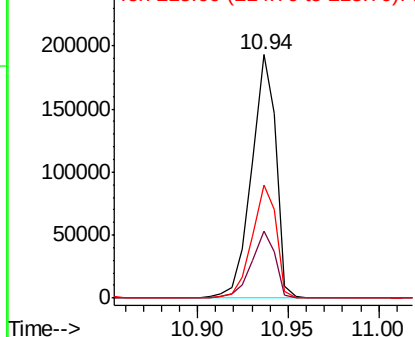


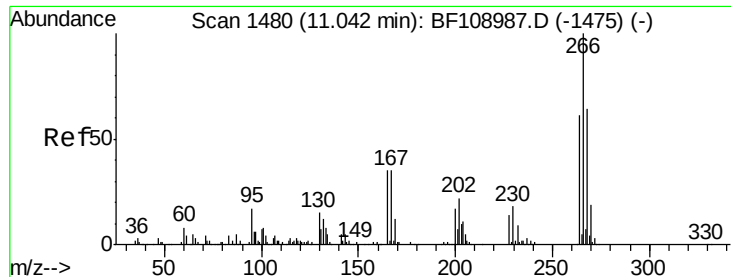
#68
Atrazine
Concen: 45.953 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion: 200 Resp: 179751
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 46.3 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

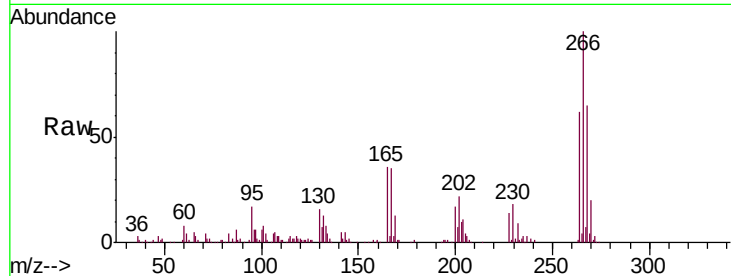




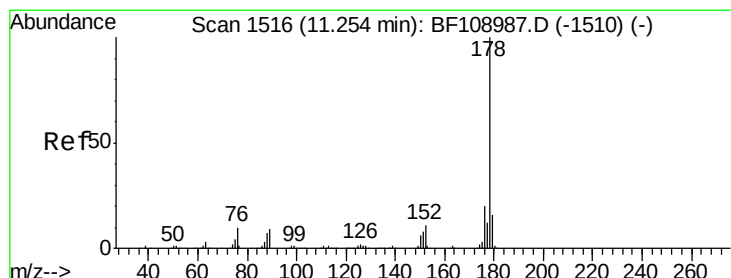
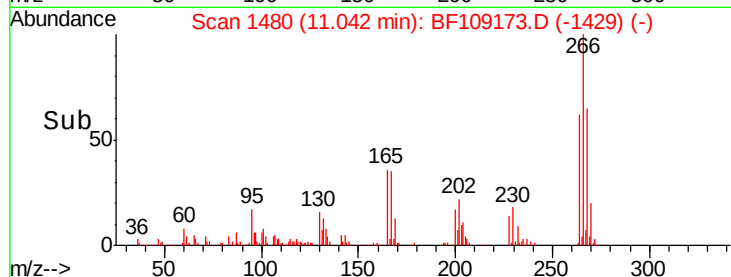
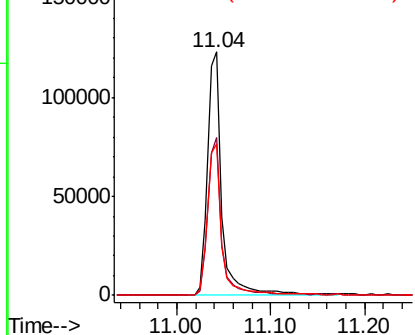
#69
 Pentachlorophenol
 Concen: 46.352 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion: 266 Resp: 133588
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 62.1 49.5 74.3

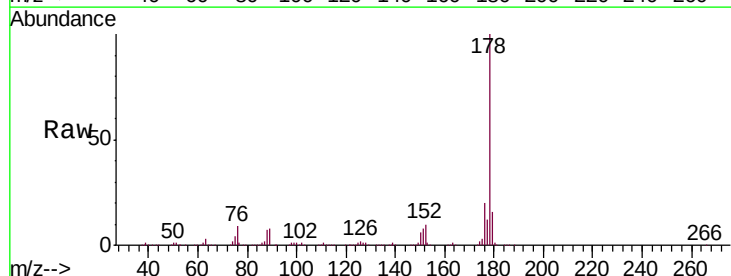


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

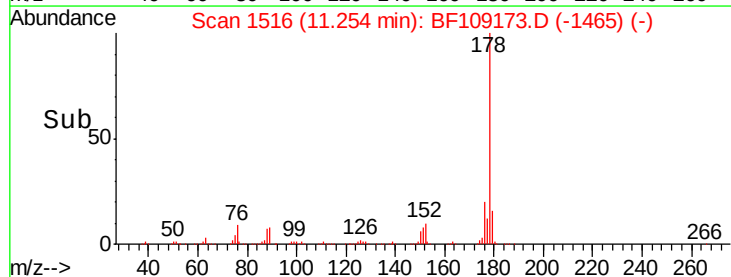
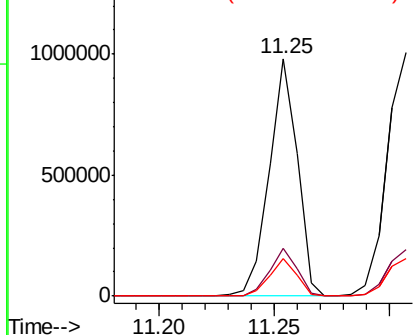


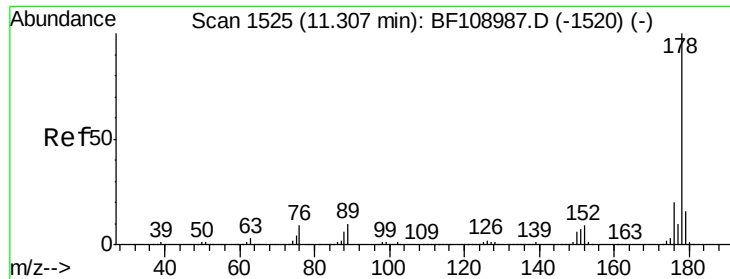
#70
 Phenanthrene
 Concen: 45.343 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion: 178 Resp: 830307
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.9 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

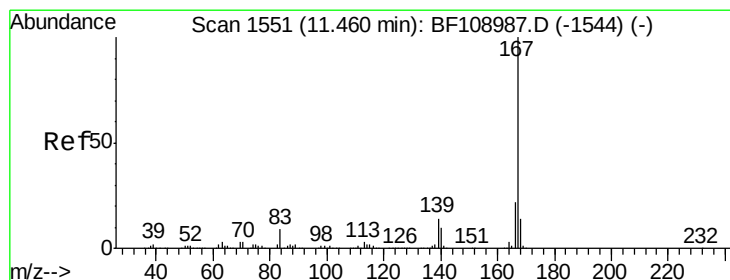
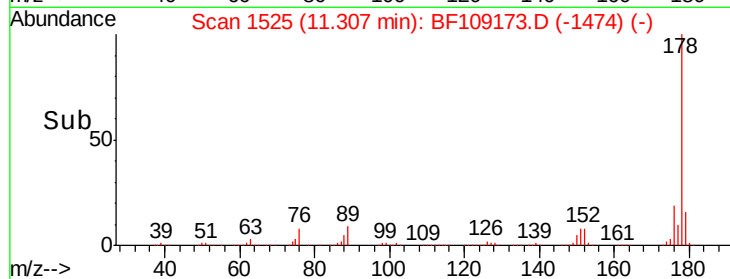
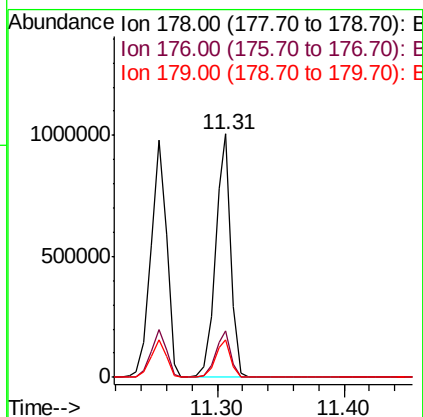
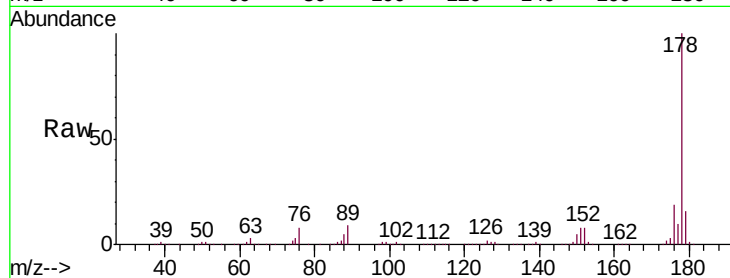




#71
 Anthracene
 Concen: 45.767 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

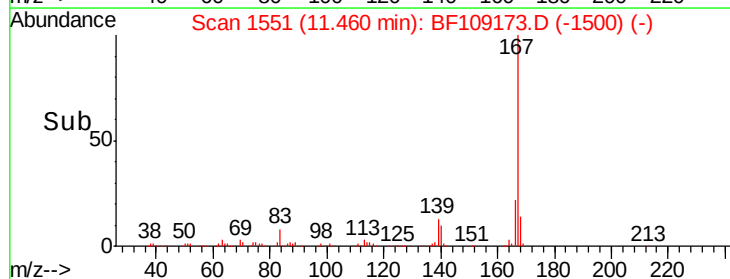
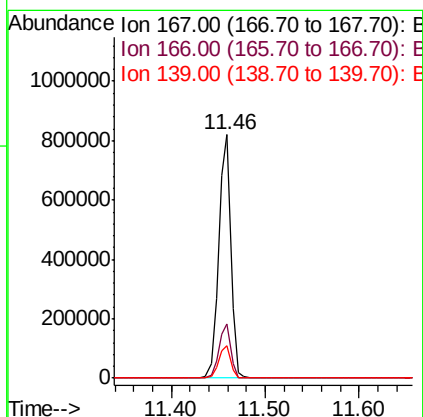
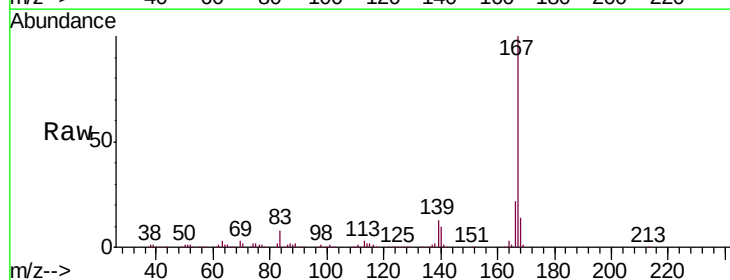
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

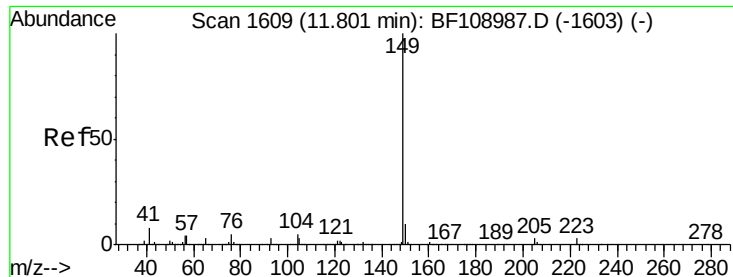
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0



#72
 Carbazole
 Concen: 40.353 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.1	10.9	16.3

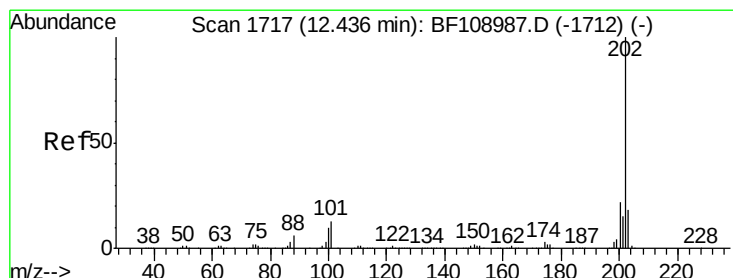
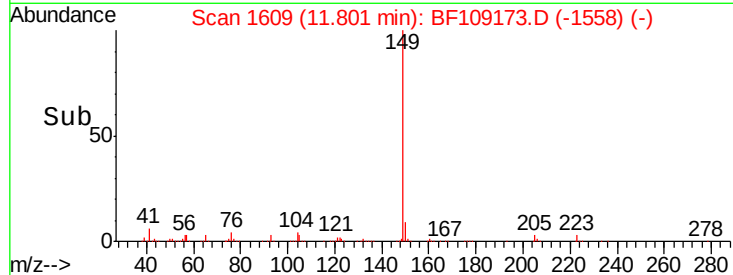
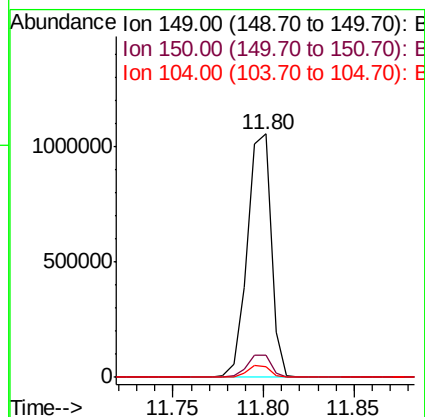
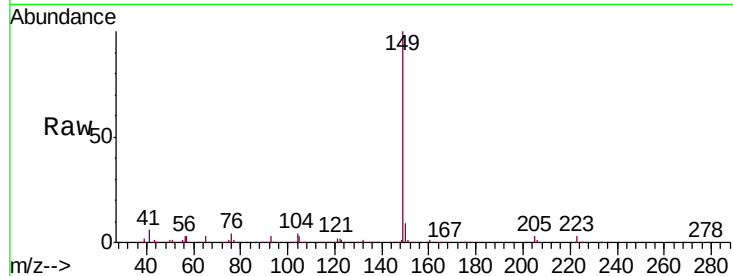




#73
Di-n-butylphthalate
Concen: 44.780 ng
RT: 11.80 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

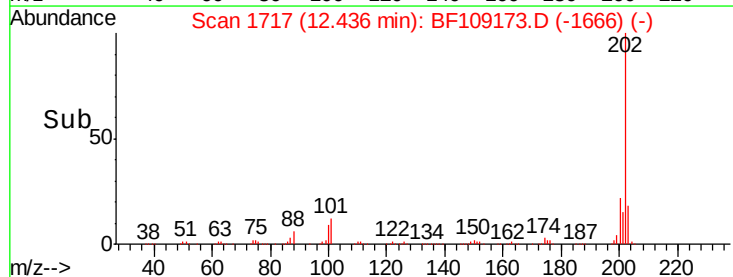
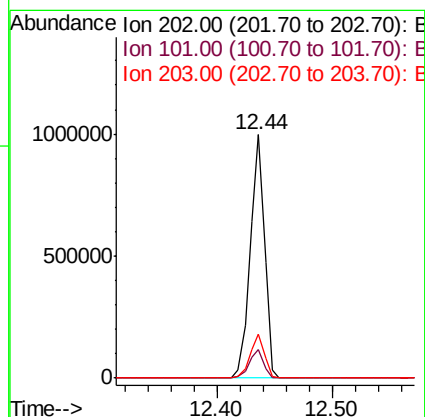
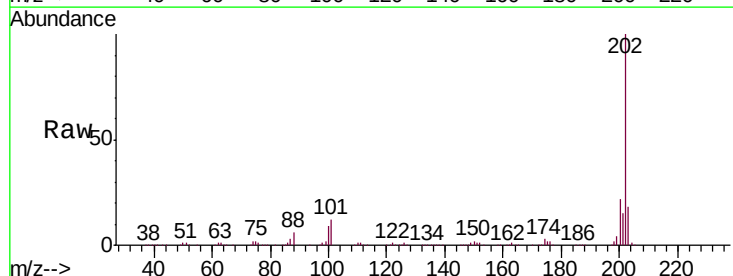
Instrument :
BNA_F
ClientSampleId :
PB112951BS

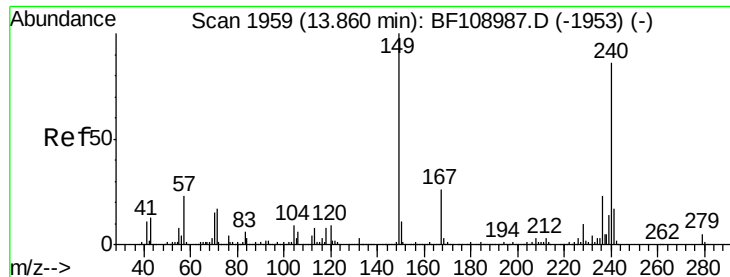
Tgt Ion:149 Resp: 963210
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 43.962 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:202 Resp: 849861
Ion Ratio Lower Upper
202 100
101 11.9 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

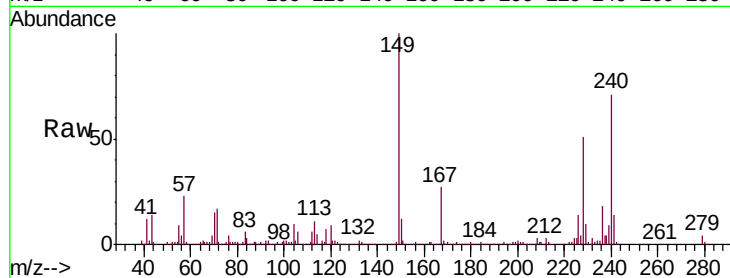
Tgt Ion:240 Resp: 304287

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

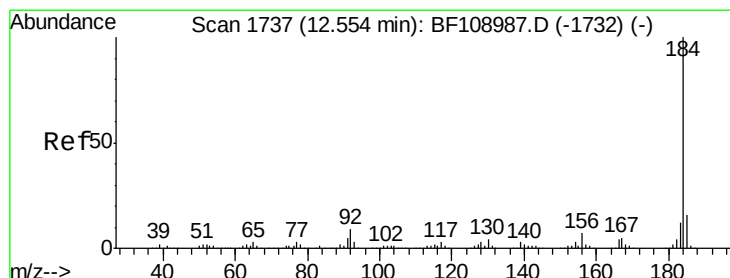
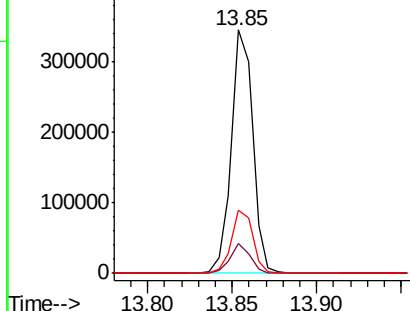
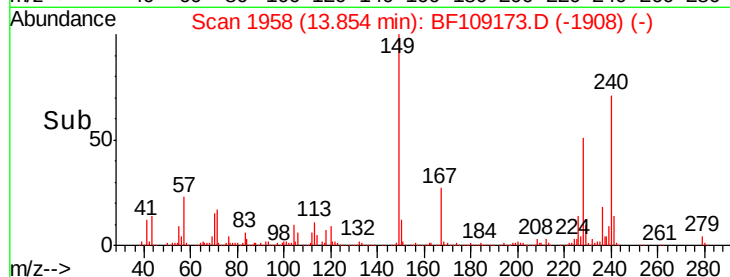
236 25.7 20.7 31.1



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: 22.624 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

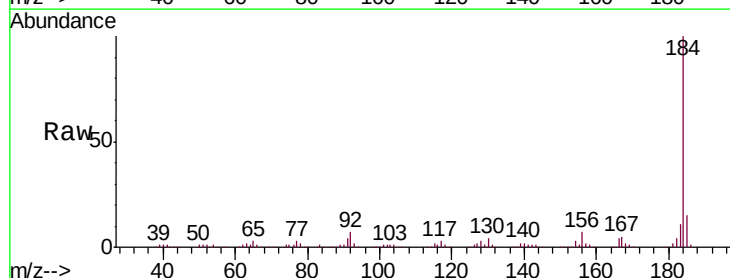
Tgt Ion:184 Resp: 243695

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

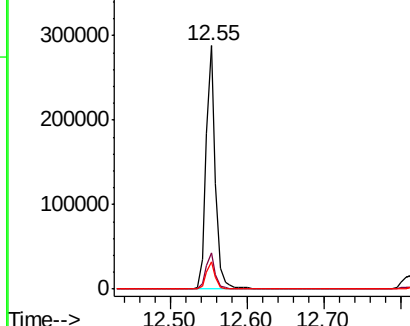
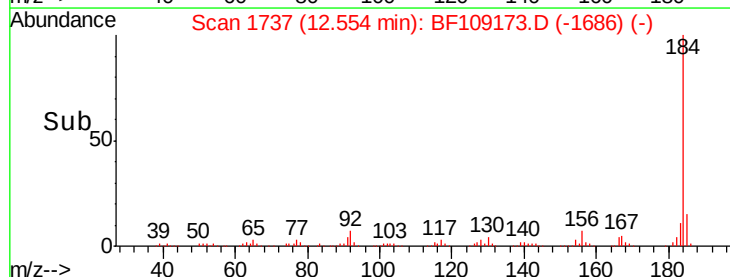
183 11.2 9.3 13.9

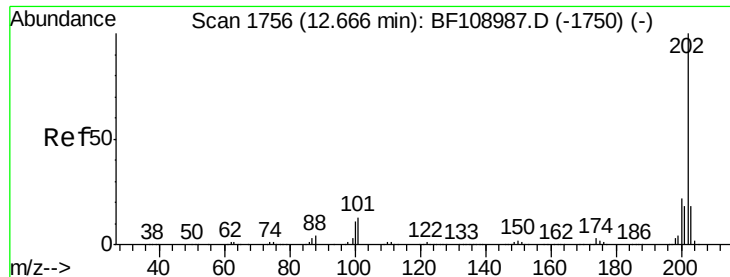


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

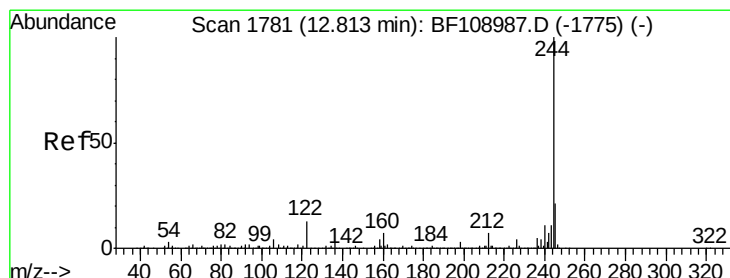
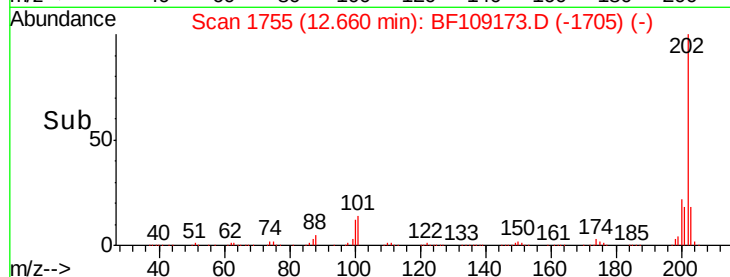
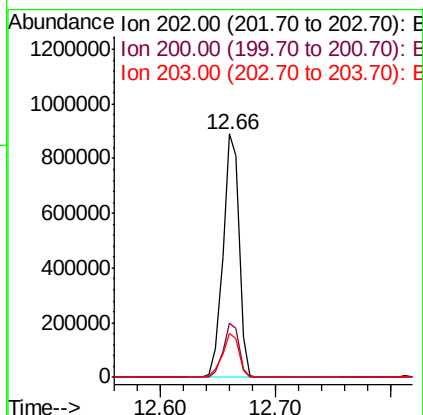
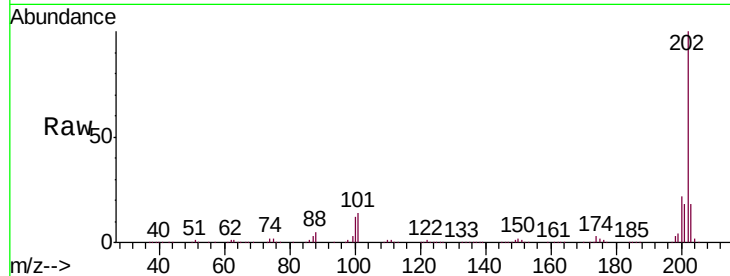




#77
 Pyrene
 Concen: 37.853 ng
 RT: 12.66 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

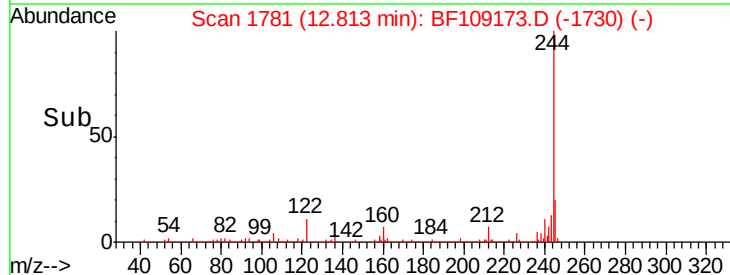
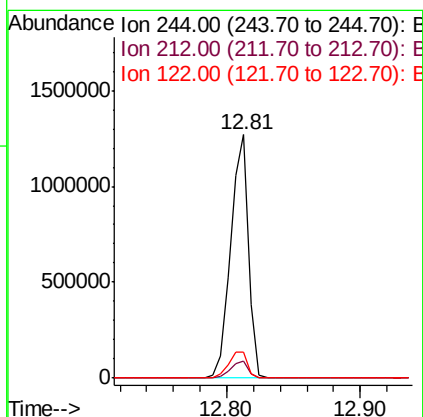
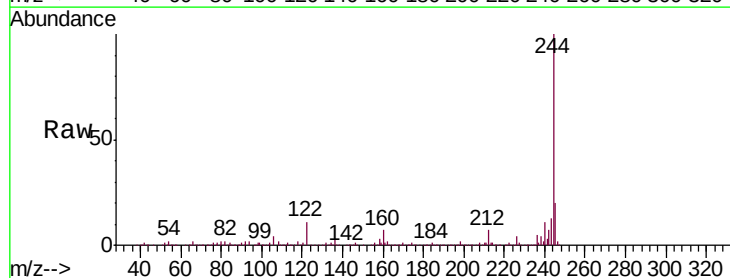
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

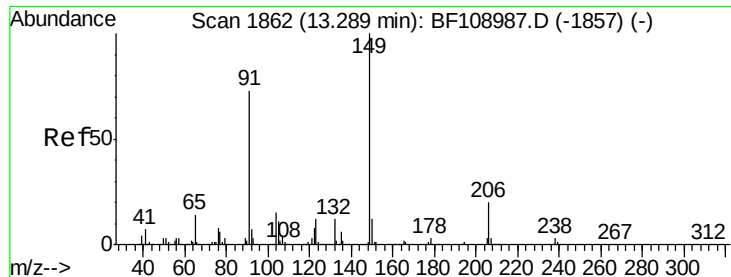
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.2	14.3	21.5



#78
 Terphenyl-d14
 Concen: 93.270 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.9	11.0	16.4

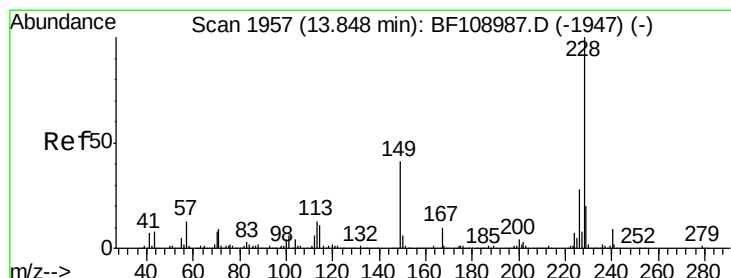
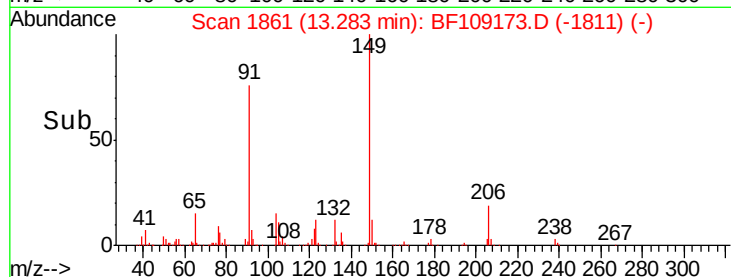
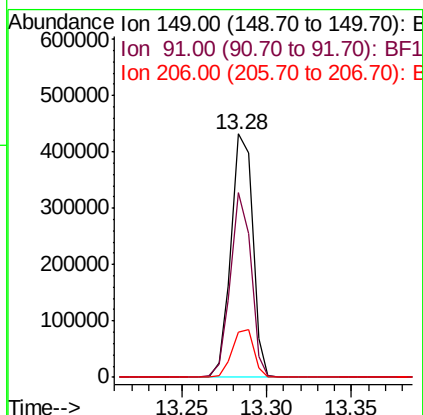
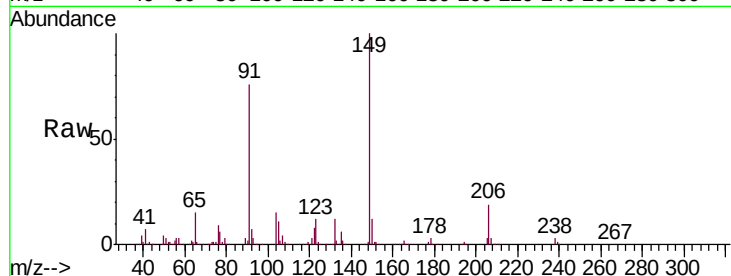




#79
Butylbenzylphthalate
Concen: 38.298 ng
RT: 13.28 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

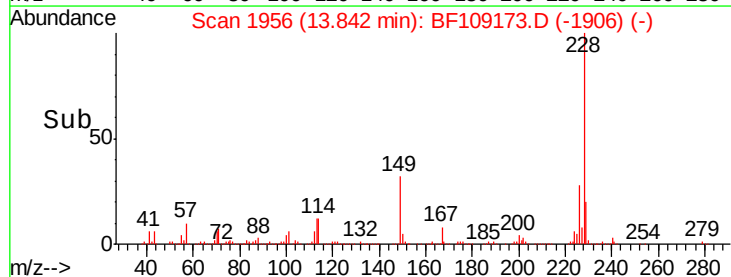
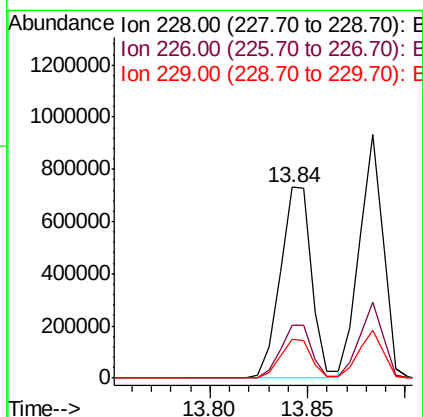
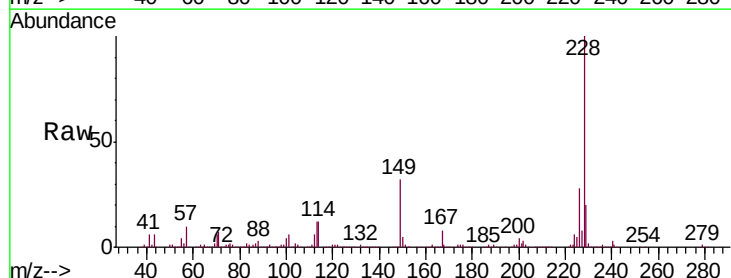
Instrument :
BNA_F
ClientSampleId :
PB112951BS

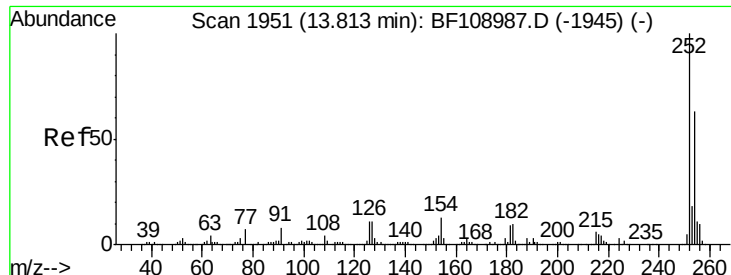
Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.9	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.161 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	15.8	23.6

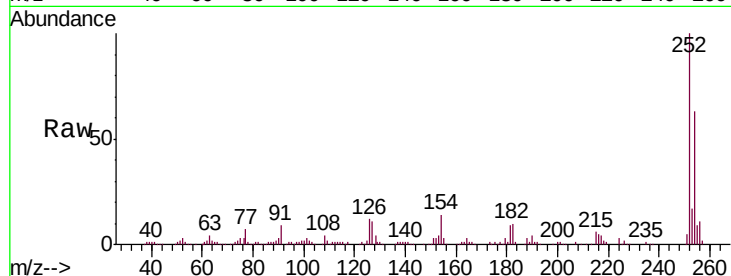




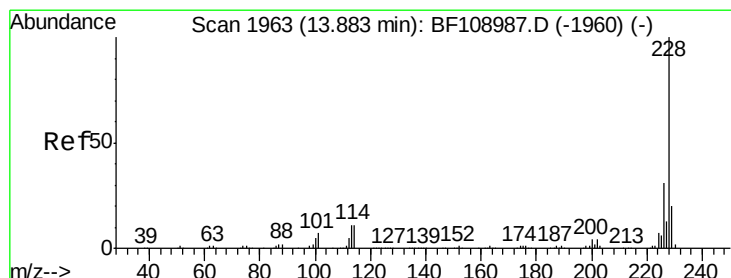
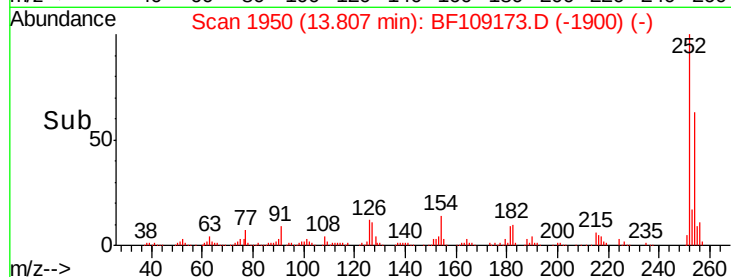
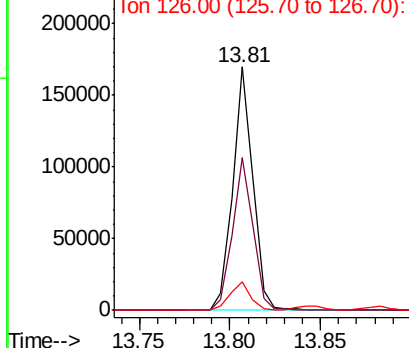
#81
 3,3'-Dichlorobenzidine
 Concen: 17.778 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	11.5	11.3	16.9

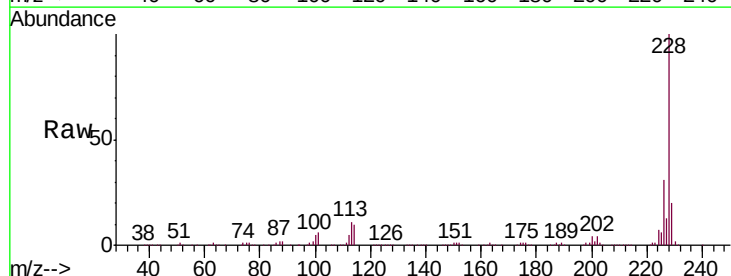


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

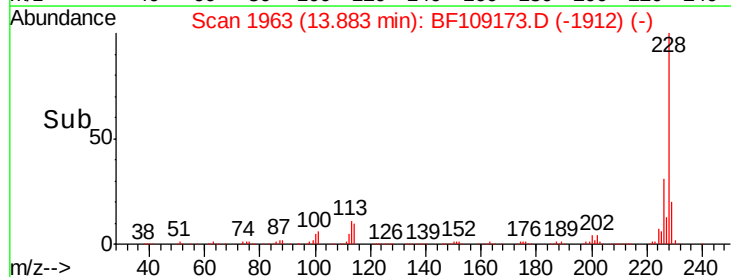
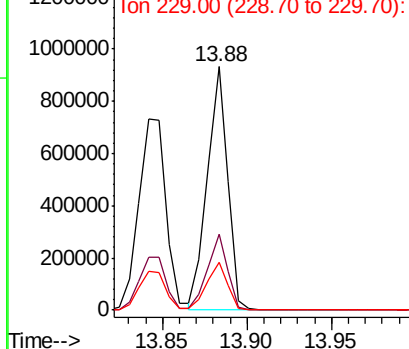


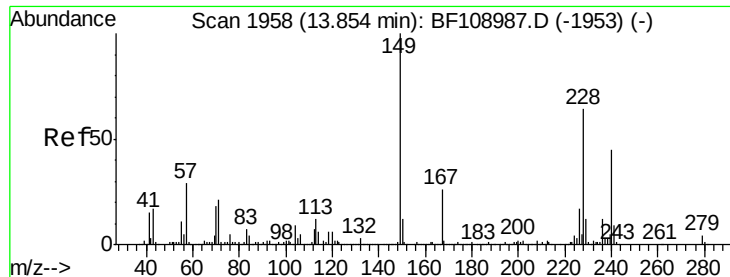
#82
 Chrysene
 Concen: 42.869 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.8	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

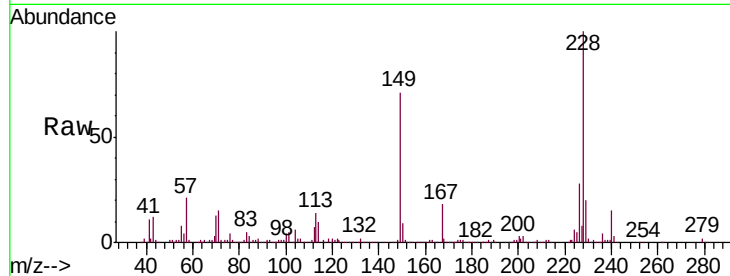




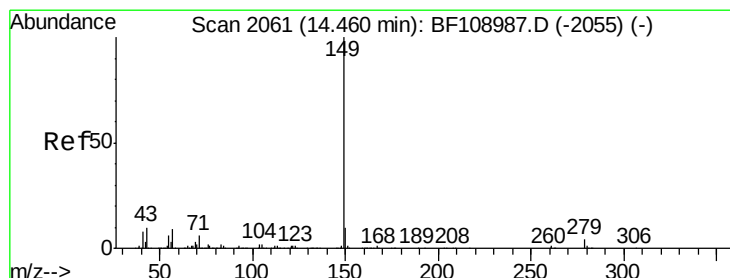
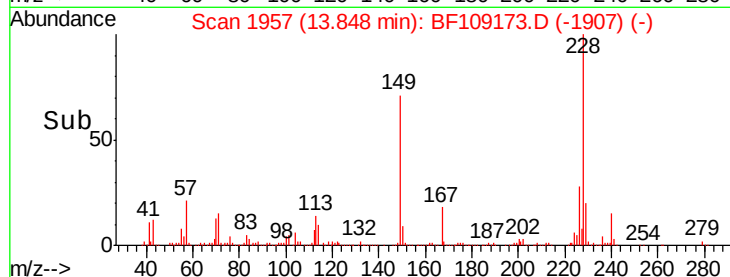
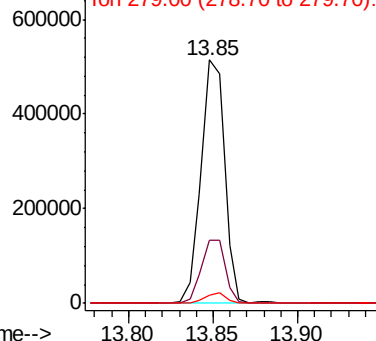
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.031 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.3	3.0	4.4

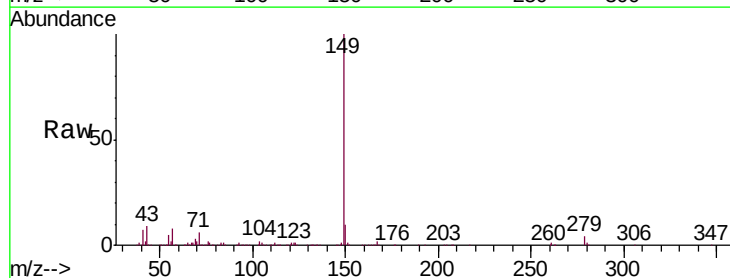


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

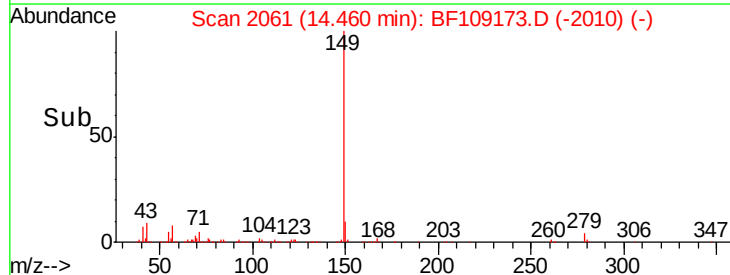
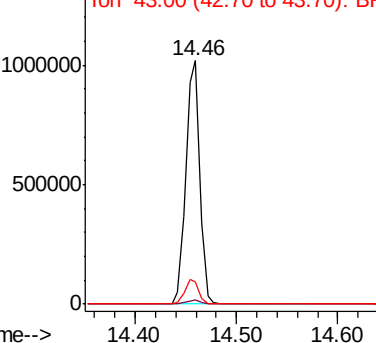


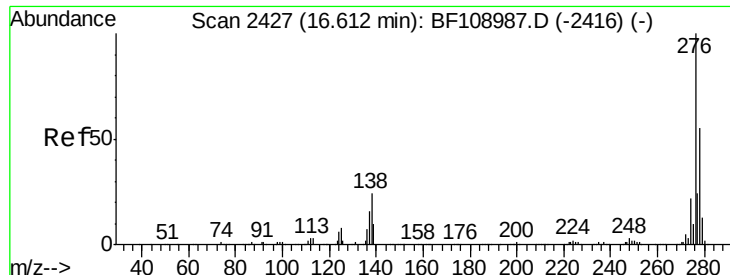
#84
 Di-n-octyl phthalate
 Concen: 47.075 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6



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

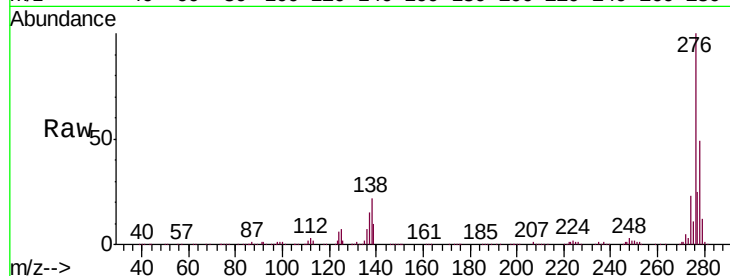




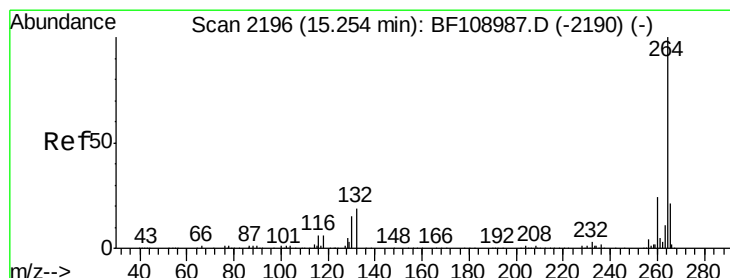
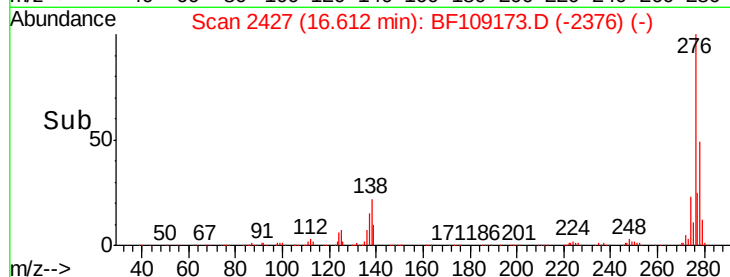
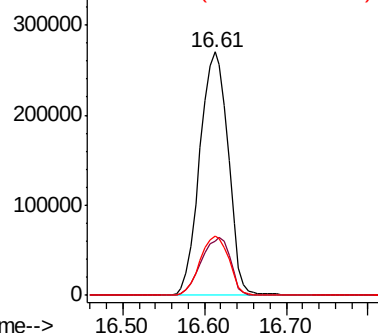
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.422 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	24.8	20.1	30.1

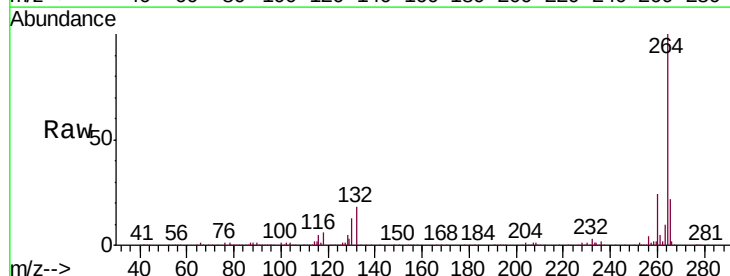


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

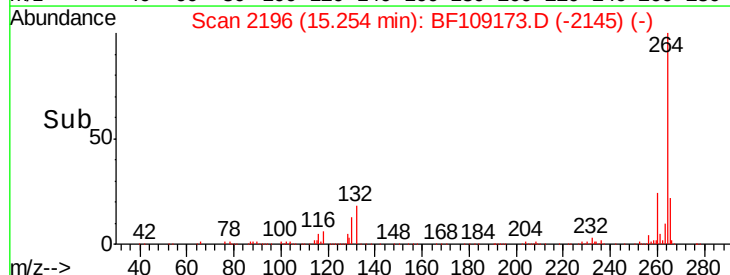
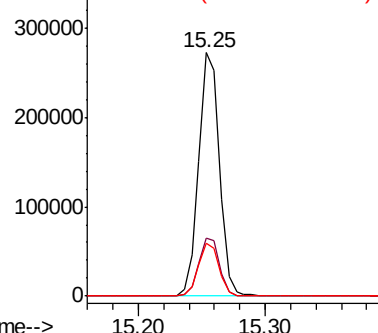


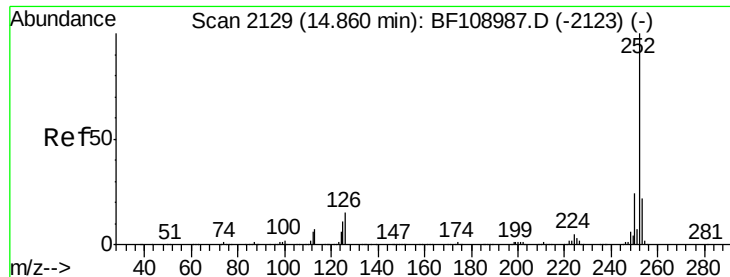
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109173.D
 Acq: 20 Sep 2018 4:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

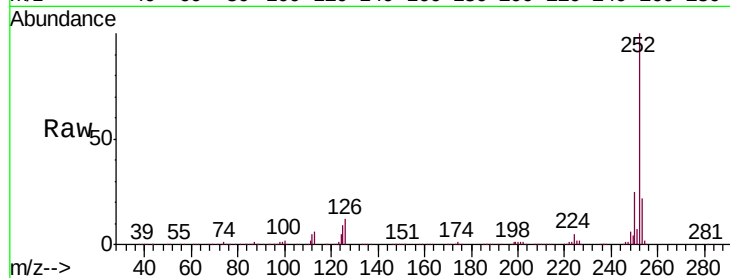




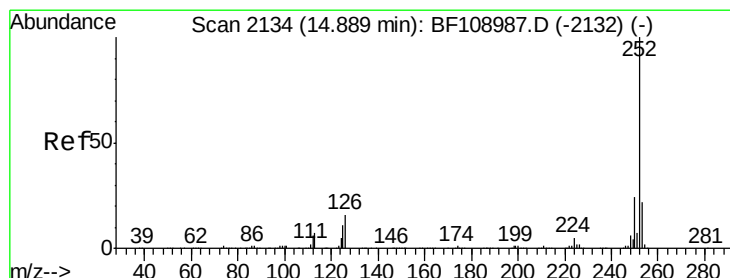
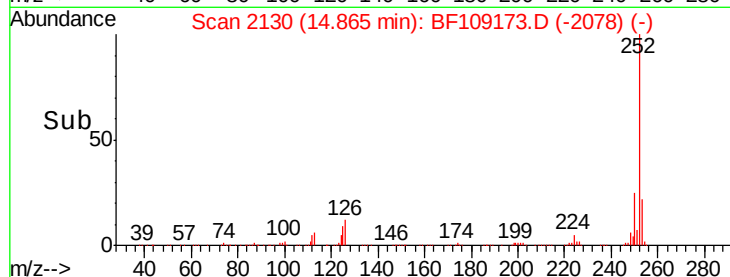
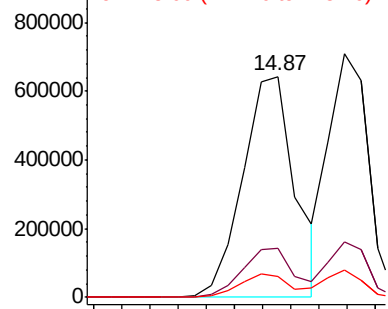
#87
Benzo(b)fluoranthene
Concen: 48.635 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Tgt Ion:252 Resp: 827460
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.2 9.0 13.6

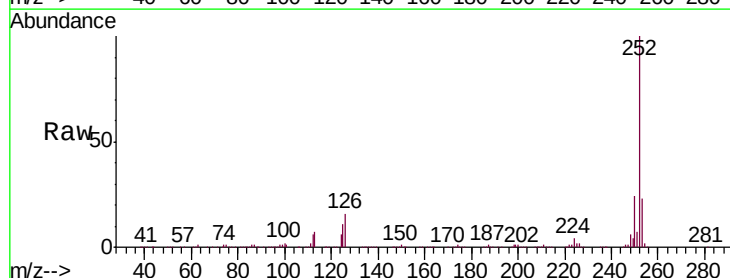


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

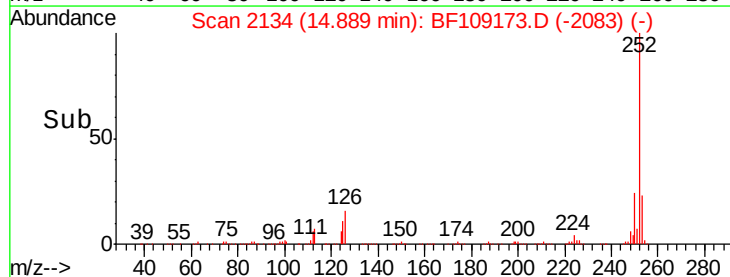
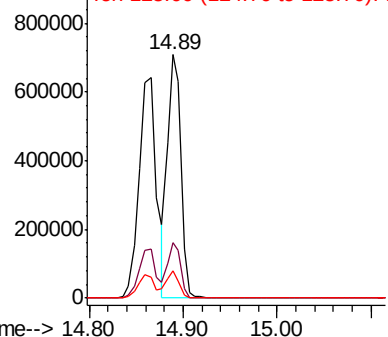


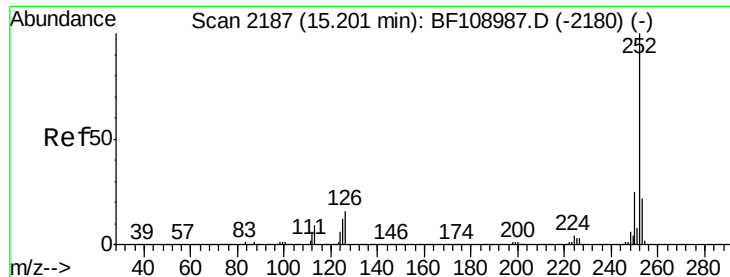
#88
Benzo(k)fluoranthene
Concen: 43.929 ng
RT: 14.89 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF109173.D
Acq: 20 Sep 2018 4:38

Tgt Ion:252 Resp: 698068
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 11.0 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 46.158 ng

RT: 15.20 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

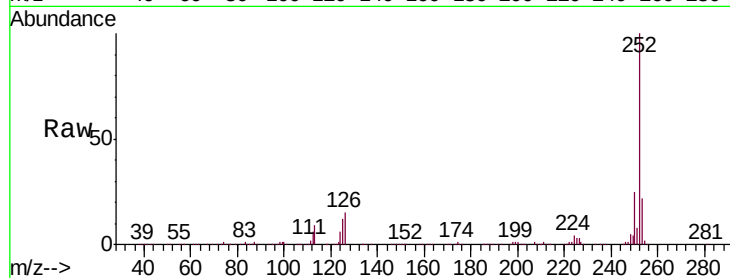
Tgt Ion:252 Resp: 697422

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

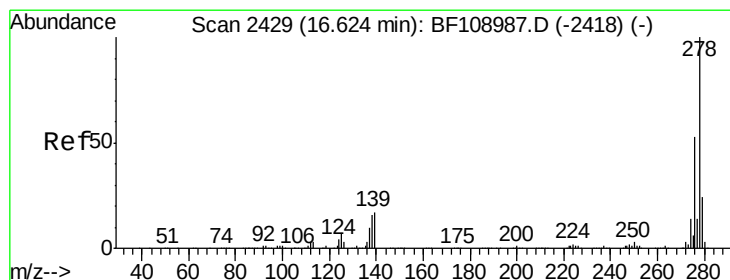
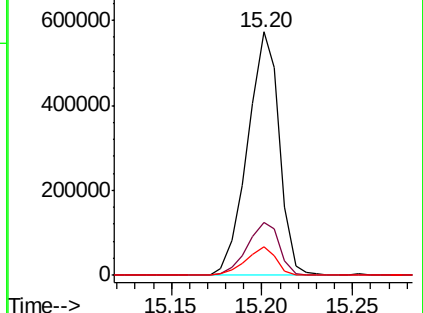
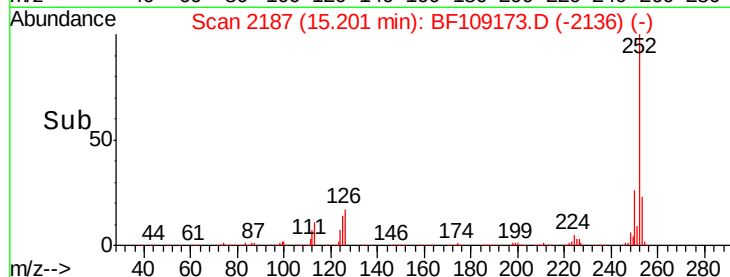
125 11.6 9.8 14.6



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: 42.975 ng

RT: 16.63 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

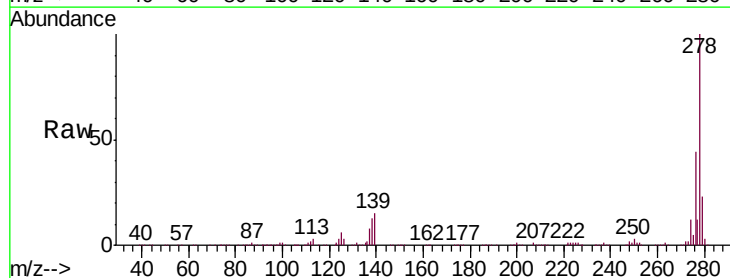
Tgt Ion:278 Resp: 545521

Ion Ratio Lower Upper

278 100

139 15.2 15.9 23.9#

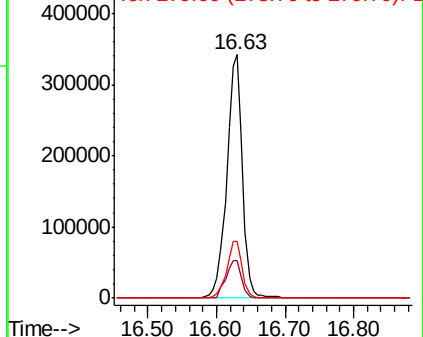
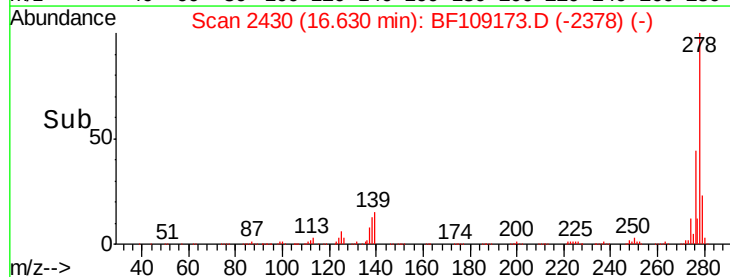
279 23.1 19.0 28.4

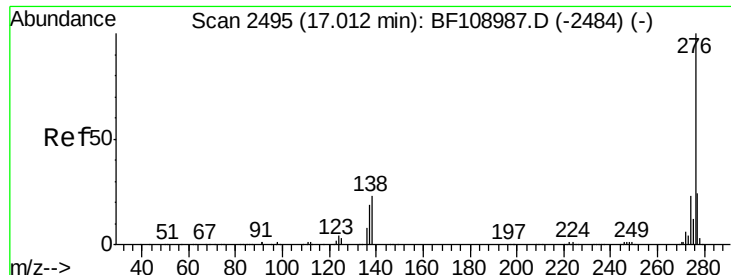


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.815 ng

RT: 17.02 min Scan# 2496

Delta R.T. 0.01 min

Lab File: BF109173.D

Acq: 20 Sep 2018 4:38

Instrument :

BNA_F

ClientSampleId :

PB112951BS

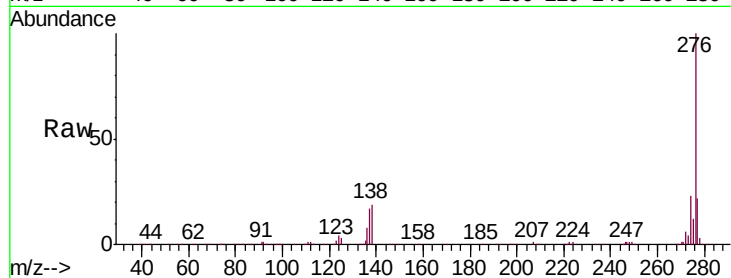
Tgt Ion: 276 Resp: 530673

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 19.3 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

