

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109174.D
 Acq On : 20 Sep 2018 5:05
 Operator : JU/SJ
 Sample : PB112951BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Quant Time: Sep 20 07:39:05 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	152937	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	550648	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	241231	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	402957	20.00	ng	0.00
75) Chrysene-d12	13.86	240	305580	20.00	ng	0.00
86) Perylene-d12	15.26	264	318656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	764840	83.06	ng	0.02
7) Phenol-d6	6.37	99	974282	82.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	889834	90.64	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	197904	75.59	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1530705	99.42	ng	0.00
78) Terphenyl-d14	12.81	244	1245445	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	139968	31.933	ng	93
3) Pyridine	3.18	79	405234	34.875	ng	90
4) n-Nitrosodimethylamine	3.13	42	192527	43.872	ng	# 98
6) Aniline	6.38	93	311215	20.279	ng	# 76
8) 2-Chlorophenol	6.51	128	399160	38.735	ng	99
9) Benzaldehyde	6.27	77	161775	21.333	ng	99
10) Phenol	6.38	94	478472	35.814	ng	79
11) bis(2-Chloroethyl)ether	6.46	93	390848	37.186	ng	97
12) 1,3-Dichlorobenzene	6.67	146	439453	37.290	ng	99
13) 1,4-Dichlorobenzene	6.74	146	438324	37.075	ng	97
14) 1,2-Dichlorobenzene	6.90	146	405364	36.984	ng	99
15) Benzyl Alcohol	6.87	79	350560	38.890	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	545253	36.207	ng	94
17) 2-Methylphenol	6.98	107	326415	38.826	ng	96
18) Hexachloroethane	7.24	117	153120	35.660	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	289967	36.946	ng	100
20) 3+4-Methylphenols	7.14	107	385704	38.093	ng	# 71
22) Acetophenone	7.13	105	545125	43.592	ng	# 95
24) Nitrobenzene	7.31	77	418642	41.359	ng	99
25) Isophorone	7.54	82	782034	46.340	ng	96
26) 2-Nitrophenol	7.62	139	153305	32.436	ng	97
27) 2,4-Dimethylphenol	7.67	122	350117	47.224	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	494331	43.528	ng	99
29) 2,4-Dichlorophenol	7.87	162	319014	40.379	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	346154	40.532	ng	96
31) Naphthalene	8.02	128	1115031	43.628	ng	99
32) Benzoic acid	7.75	122	55238	11.402	ng	92
33) 4-Chloroaniline	8.07	127	123674	10.883	ng	98
34) Hexachlorobutadiene	8.15	225	212067	40.674	ng	98
35) Caprolactam	8.45	113	90006	34.943	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	323759	38.928	ng	99
37) 2-Methylnaphthalene	8.72	142	736675	44.218	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	332120	43.743	ng	98
40) Hexachlorocyclopentadiene	8.88	237	195169	51.019	ng	99

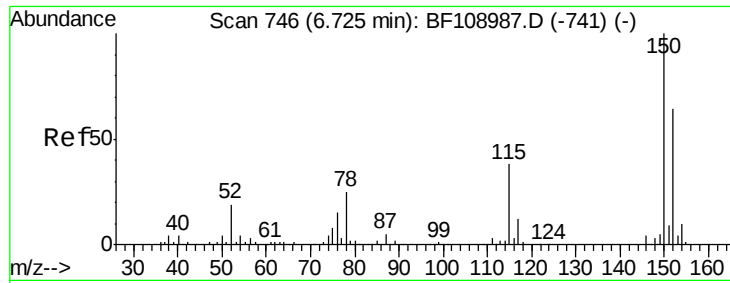
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207207	40.603	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	216420	40.581	ng	97
45) 1,1'-Biphenyl	9.18	154	865078	44.824	ng	97
46) 2-Chloronaphthalene	9.20	162	660797	42.753	ng	99
47) 2-Nitroaniline	9.30	65	204568	43.053	ng	96
48) Acenaphthylene	9.62	152	1040511	44.650	ng	100
49) Dimethylphthalate	9.48	163	790074	45.824	ng	99
50) 2,6-Dinitrotoluene	9.54	165	153795	40.222	ng	92
51) Acenaphthene	9.79	154	606613	41.804	ng	98
52) 3-Nitroaniline	9.70	138	149973	33.310	ng	92
53) 2,4-Dinitrophenol	9.81	184	22892	15.535	ng	# 23
54) Dibenzofuran	9.96	168	875252	41.740	ng	98
55) 4-Nitrophenol	9.87	139	180067	54.282	ng	92
56) 2,4-Dinitrotoluene	9.94	165	190211	38.038	ng	# 91
57) Fluorene	10.30	166	628868	45.002	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157381	35.640	ng	88
59) Diethylphthalate	10.18	149	762898	43.817	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	314200	41.990	ng	92
61) 4-Nitroaniline	10.31	138	154879	36.207	ng	96
62) Azobenzene	10.45	77	722101	40.516	ng	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	22846	11.850	ng	79
65) n-Nitrosodiphenylamine	10.41	169	613899	46.575	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	205105	45.149	ng	# 84
67) Hexachlorobenzene	10.85	284	212411	43.713	ng	92
68) Atrazine	10.94	200	195313	46.289	ng	97
69) Pentachlorophenol	11.04	266	150896	48.537	ng	98
70) Phenanthrene	11.25	178	896009	45.361	ng	99
71) Anthracene	11.31	178	915967	45.745	ng	100
72) Carbazole	11.46	167	797450	40.232	ng	99
73) Di-n-butylphthalate	11.80	149	1017772	43.865	ng	100
74) Fluoranthene	12.44	202	884573	42.419	ng	97
76) Benzidine	12.55	184	279503	25.839	ng	98
77) Pyrene	12.66	202	892368	39.315	ng	100
79) Butylbenzylphthalate	13.28	149	397134	39.173	ng	93
80) Benzo(a)anthracene	13.85	228	818091	44.219	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	163337	21.878	ng	97
82) Chrysene	13.88	228	802235	43.340	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	499271	40.673	ng	100
84) Di-n-octyl phthalate	14.46	149	972576	46.718	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	713105	48.187	ng	# 93
87) Benzo(b)fluoranthene	14.86	252	850755	48.260	ng	98
88) Benzo(k)fluoranthene	14.86	252	850755	51.669	ng	98
89) Benzo(a)pyrene	15.20	252	740793	47.318	ng	98
90) Dibenzo(a,h)anthracene	16.63	278	596829	45.376	ng	# 95
91) Benzo(g,h,i)perylene	17.02	276	575804	43.788	ng	# 92

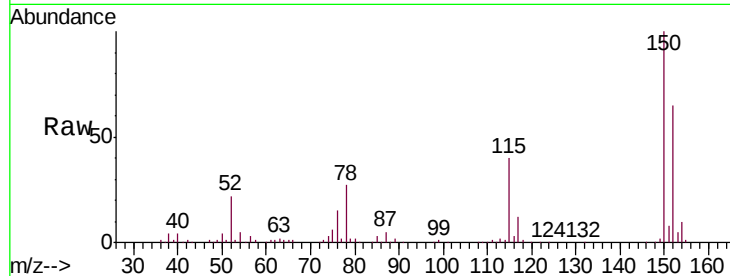
(#) = qualifier out of range (m) = manual integration (+) = signals summed



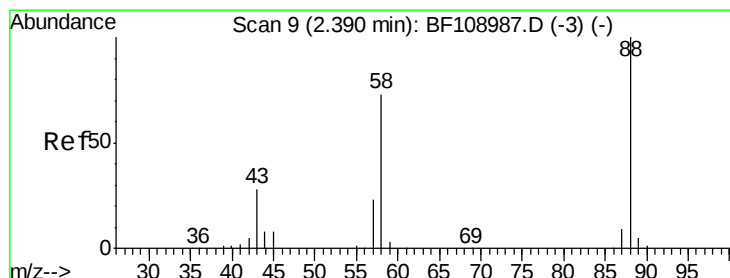
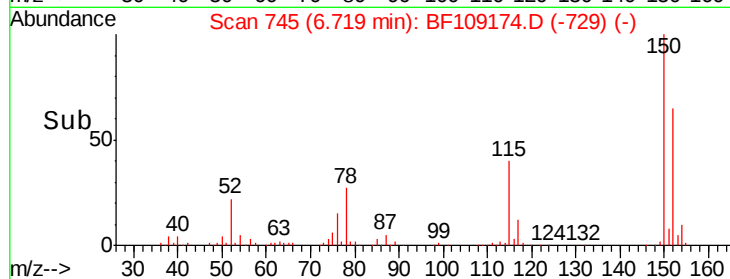
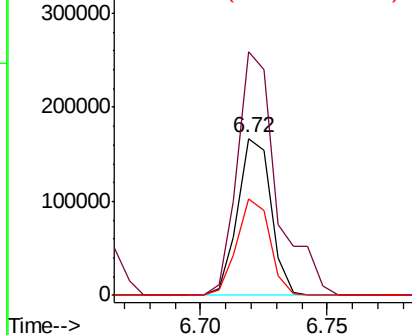
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	61.8	50.1	75.1

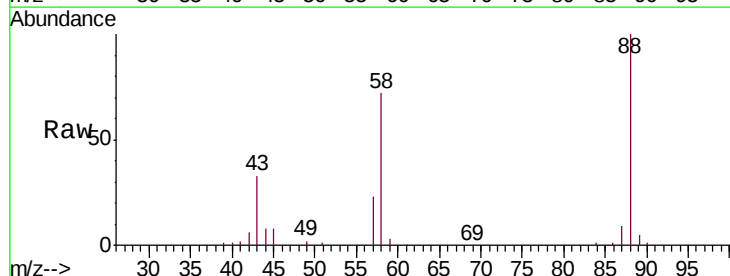


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

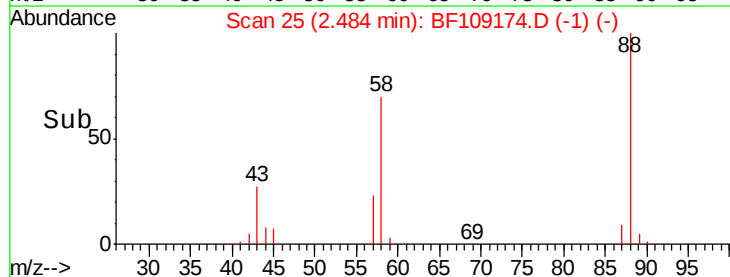
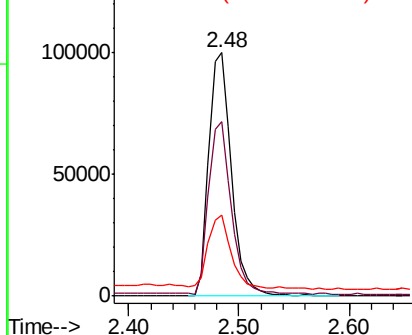


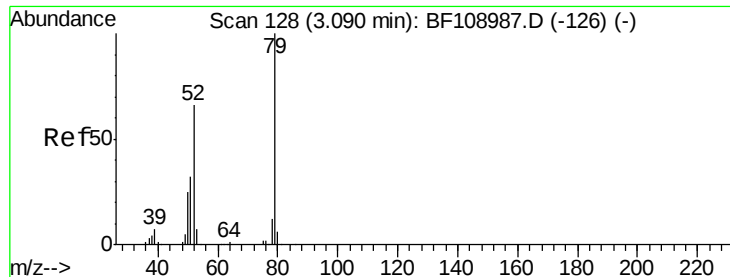
#2
 1,4-Dioxane
 Concen: 31.933 ng
 RT: 2.48 min Scan# 25
 Delta R.T. 0.09 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	62.6	93.8
43	30.2	24.6	37.0



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

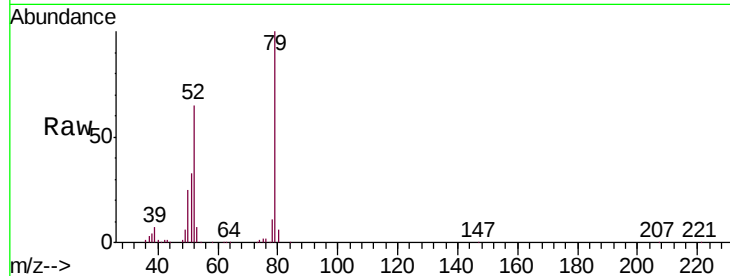




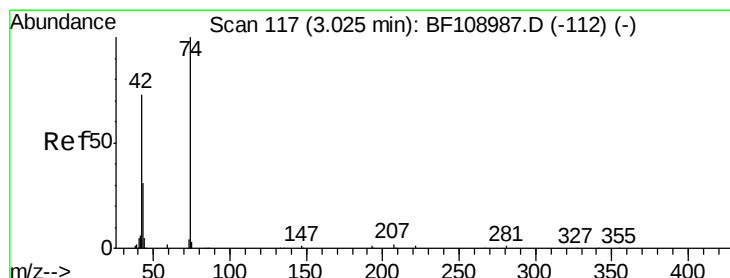
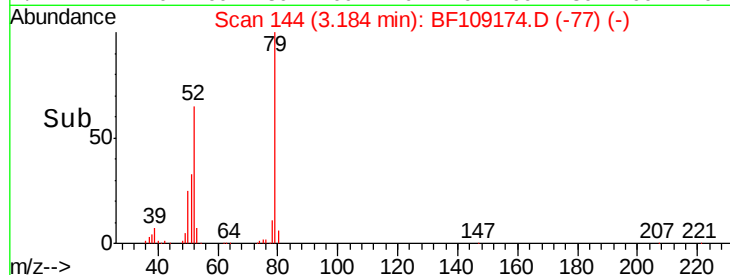
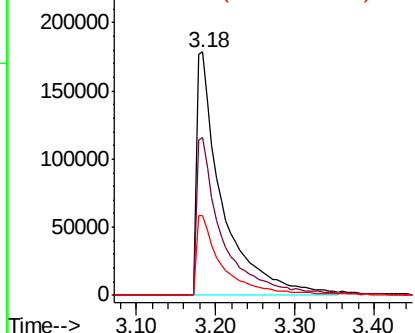
#3
 Pyridine
 Concen: 34.875 ng
 RT: 3.18 min Scan# 144
 Delta R.T. 0.09 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.1	59.8	89.6
51	32.7	29.8	44.8

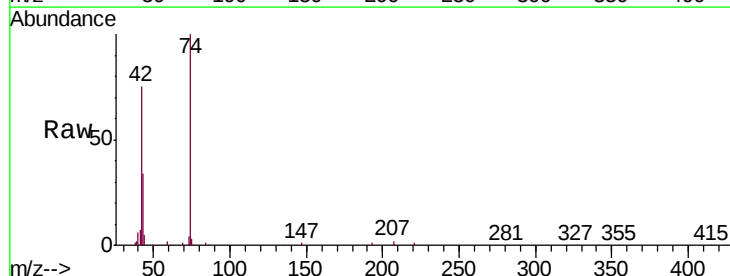


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

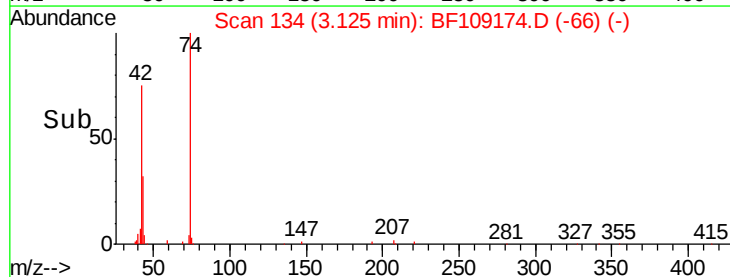
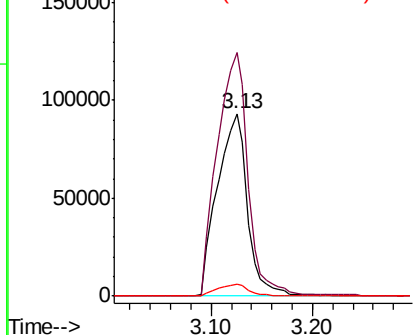


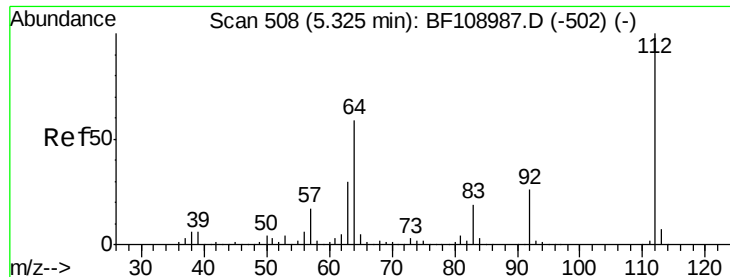
#4
 n-Nitrosodimethylamine
 Concen: 43.872 ng
 RT: 3.13 min Scan# 134
 Delta R.T. 0.10 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	104.9	157.3
44	6.2	6.9	10.3



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





#5

2-Fluorophenol

Concen: 83.061 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

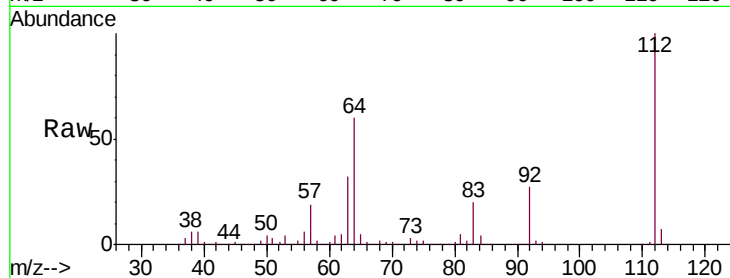
Tgt Ion: 112 Resp: 764840

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

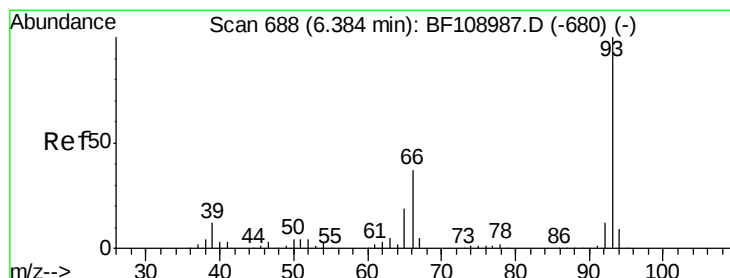
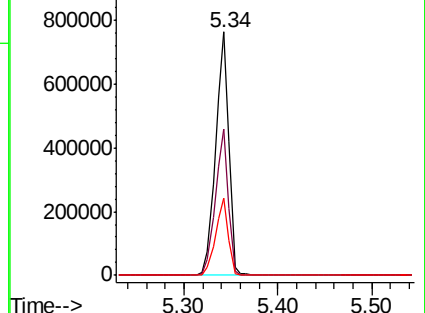
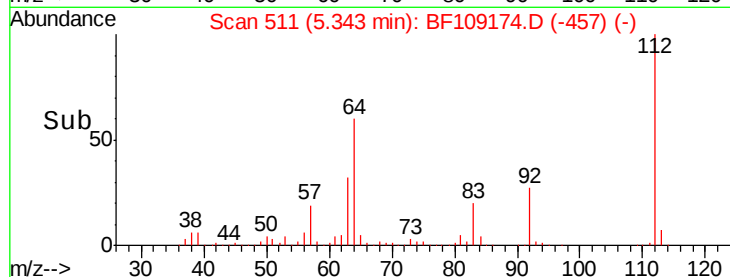
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.279 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

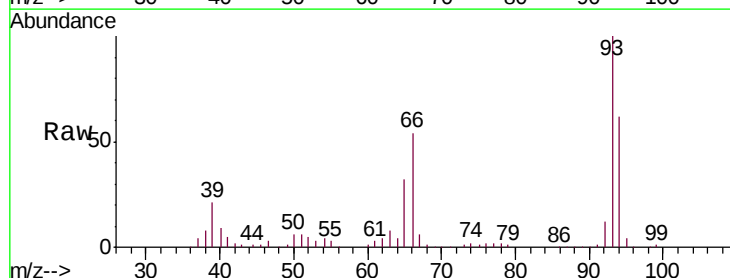
Tgt Ion: 93 Resp: 311215

Ion Ratio Lower Upper

93 100

66 54.5 32.2 48.2#

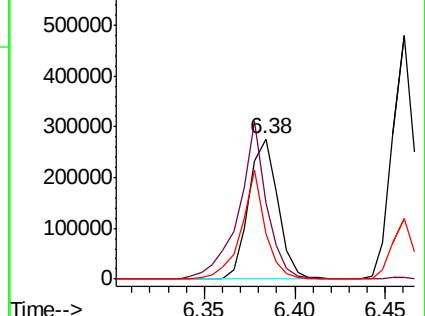
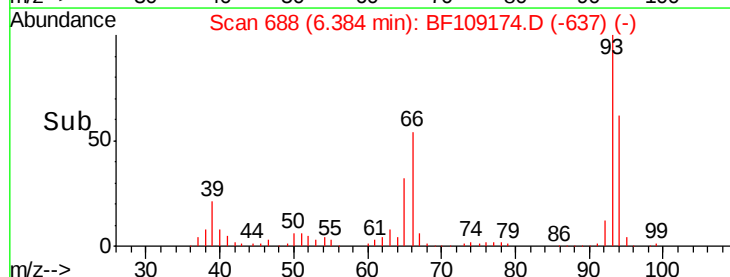
65 32.1 16.4 24.6#

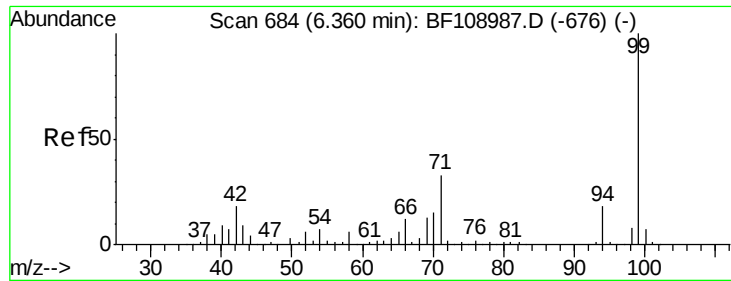


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.055 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

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PB112951BSD

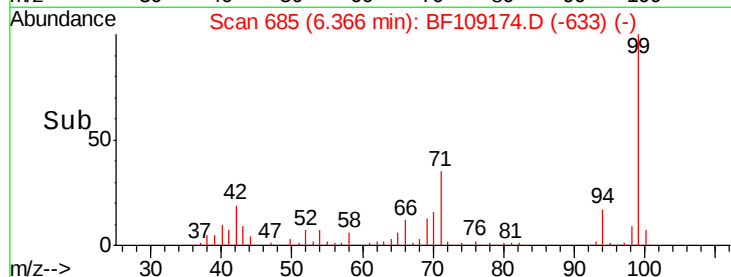
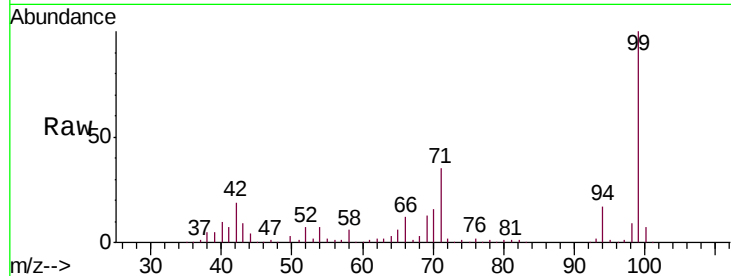
Tgt Ion: 99 Resp: 974282

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

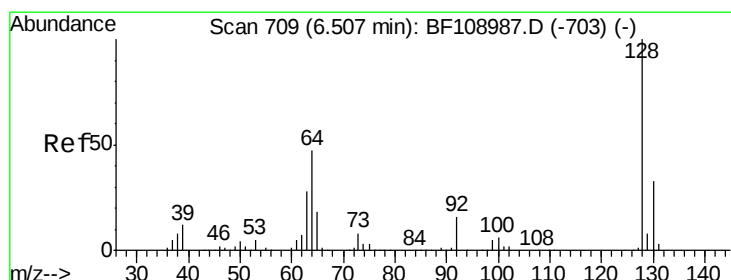
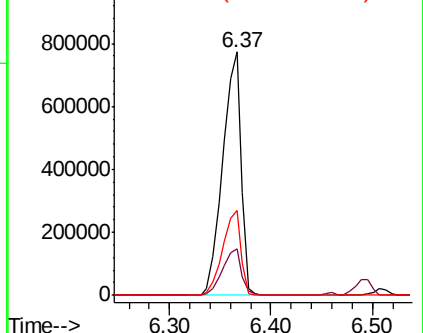
71 34.8 25.4 38.0



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: 38.735 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

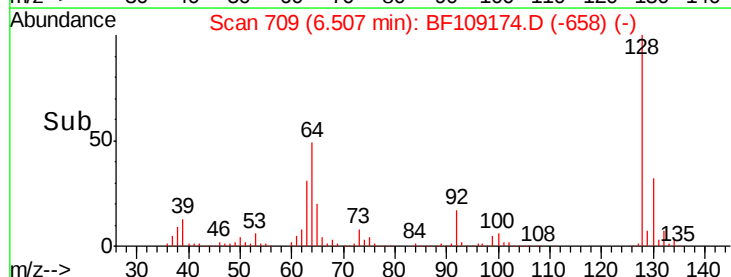
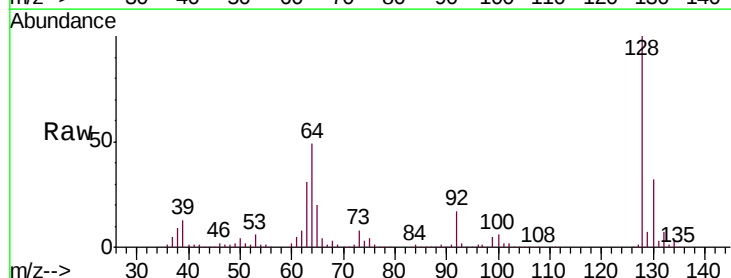
Tgt Ion: 128 Resp: 399160

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

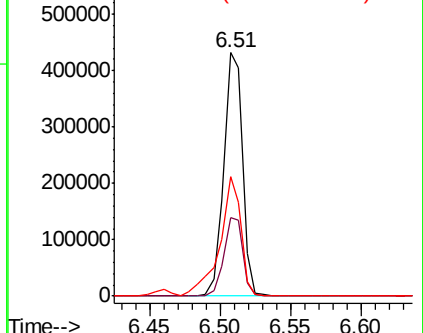
64 48.8 29.4 69.4

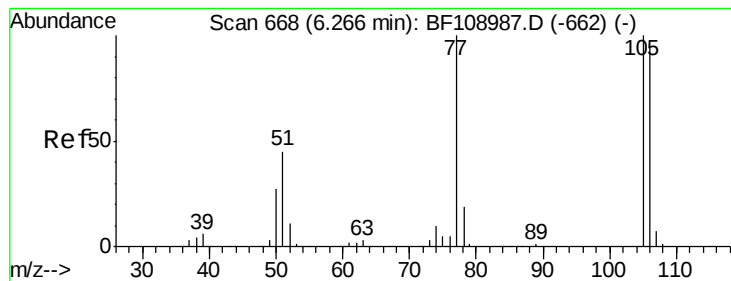


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.333 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

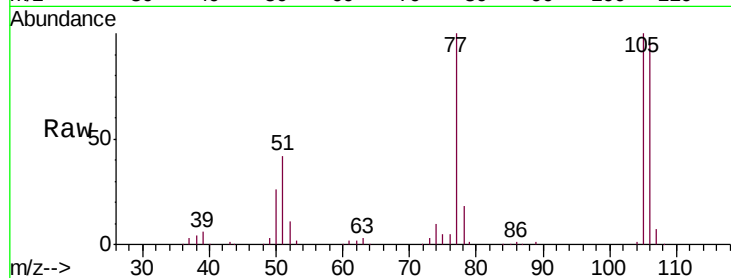
Tgt Ion: 77 Resp: 161775

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

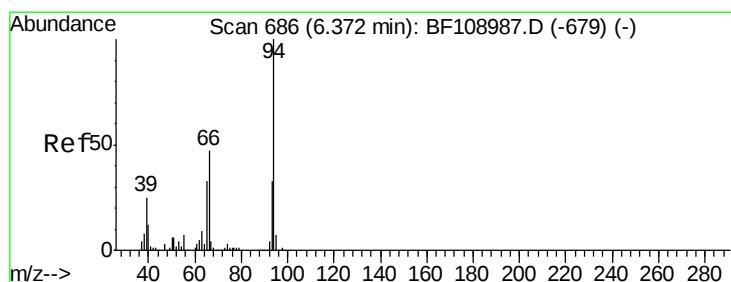
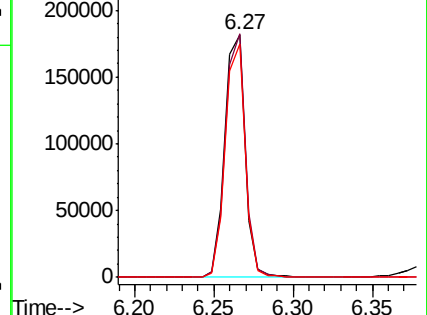
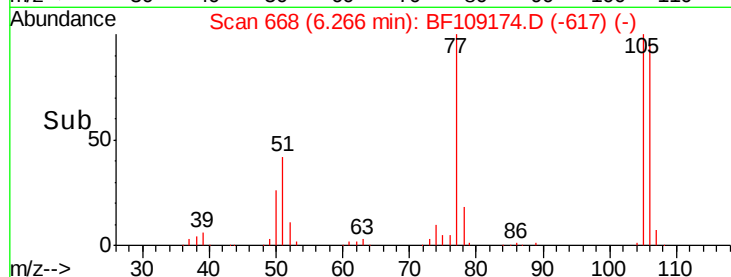
106 96.1 74.5 114.5



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: 35.814 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

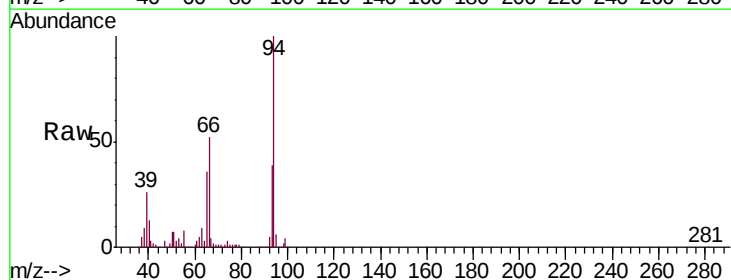
Tgt Ion: 94 Resp: 478472

Ion Ratio Lower Upper

94 100

65 35.6 7.9 47.9

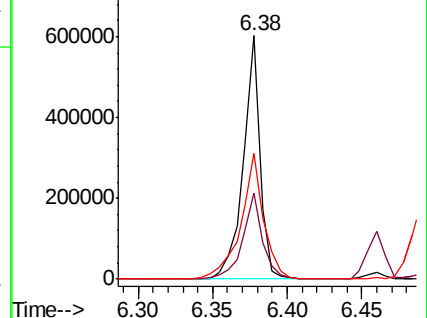
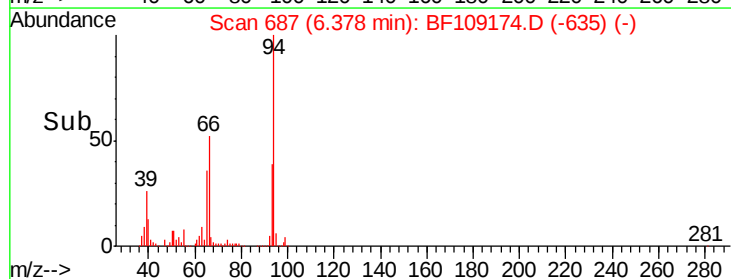
66 51.8 16.2 56.2

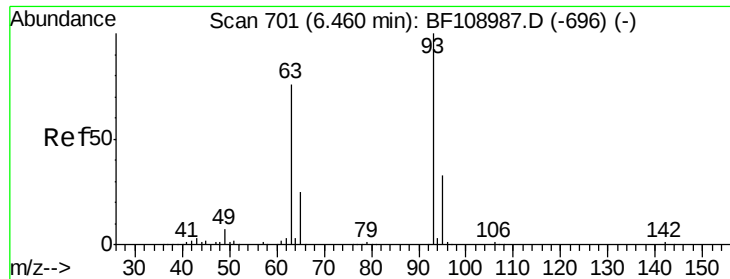


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

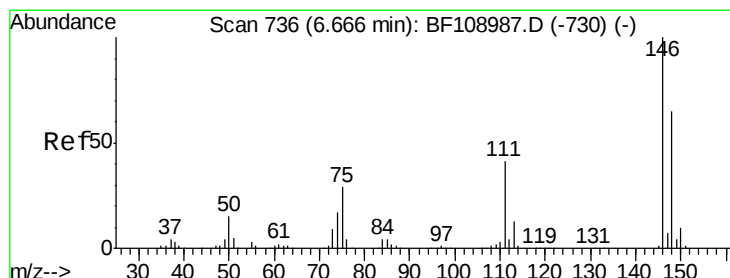
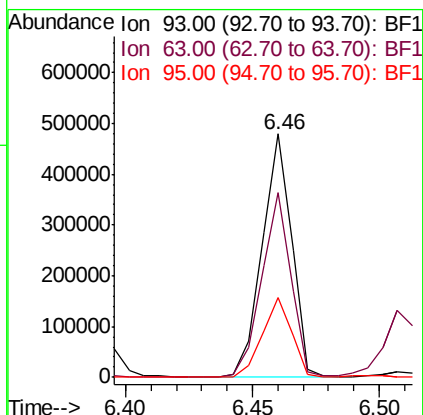
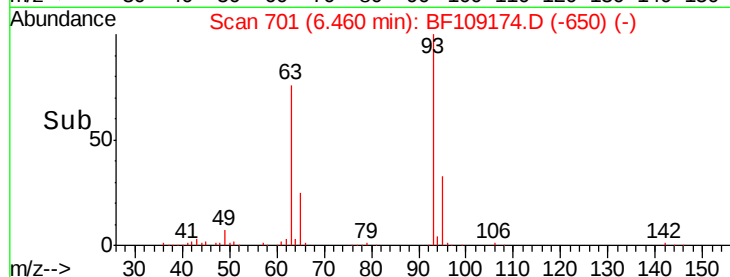
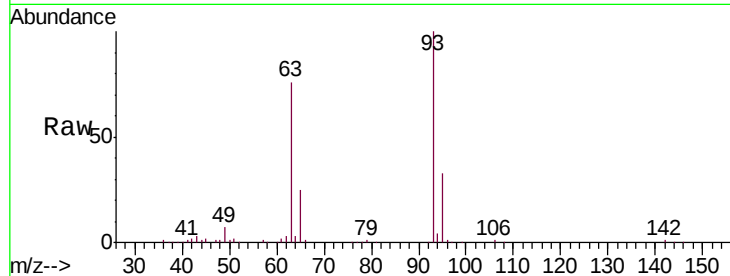




#11
bis(2-Chloroethyl)ether
Concen: 37.186 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

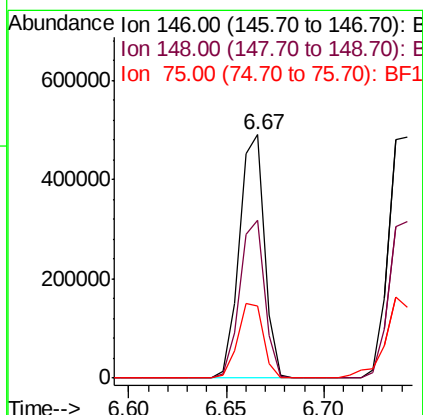
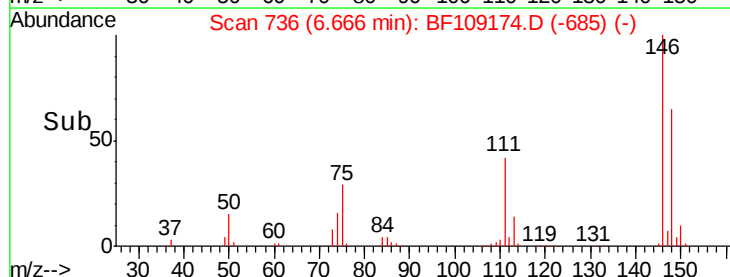
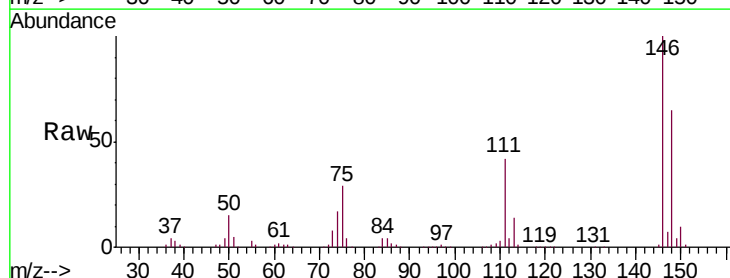
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

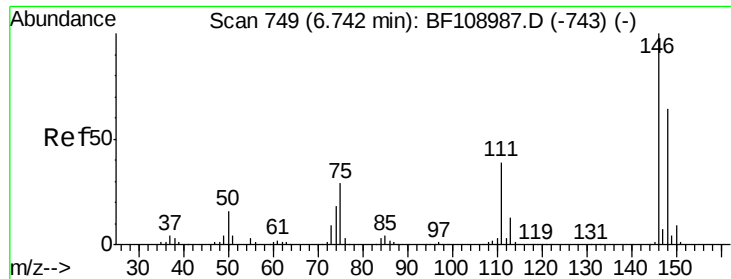
Tgt Ion: 93 Resp: 390848
Ion Ratio Lower Upper
93 100
63 76.0 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.290 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion: 146 Resp: 439453
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.4 24.2 36.4

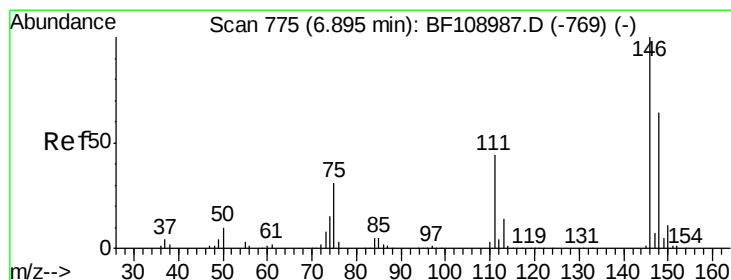
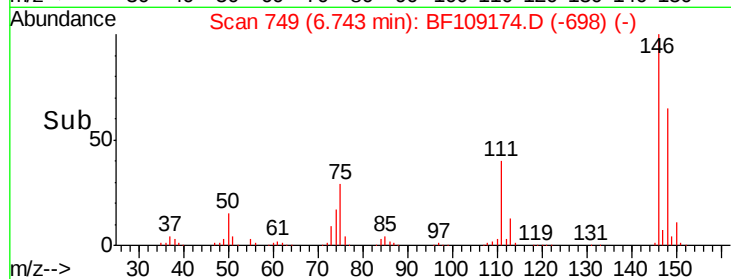
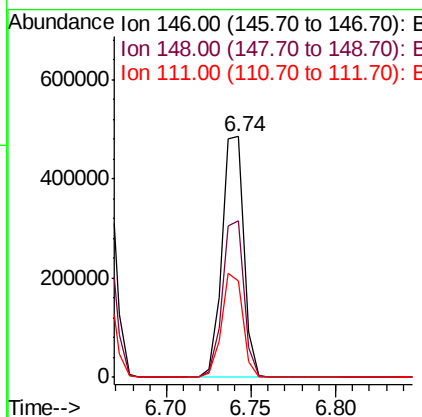
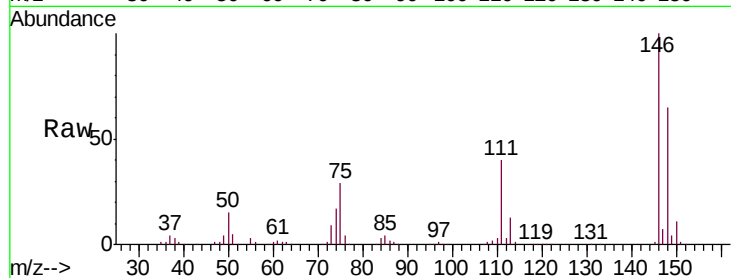




#13
 1,4-Dichlorobenzene
 Concen: 37.075 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

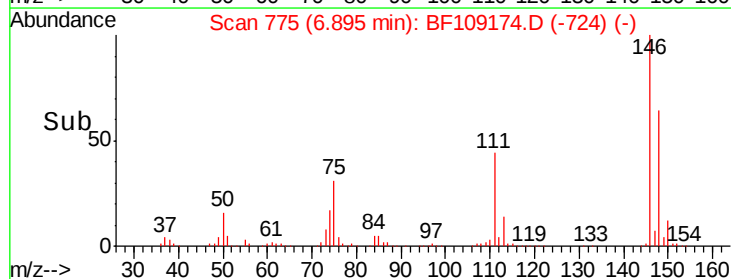
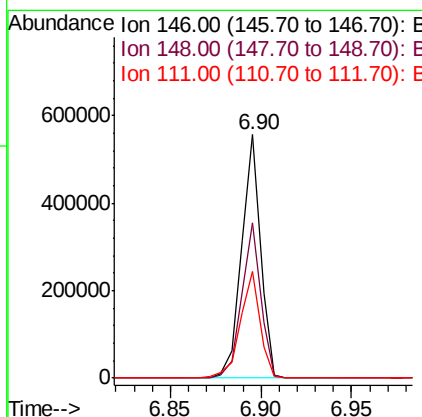
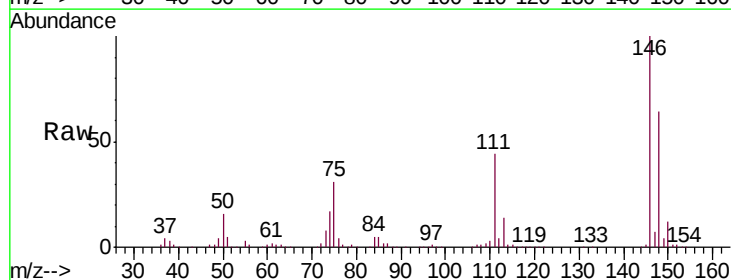
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

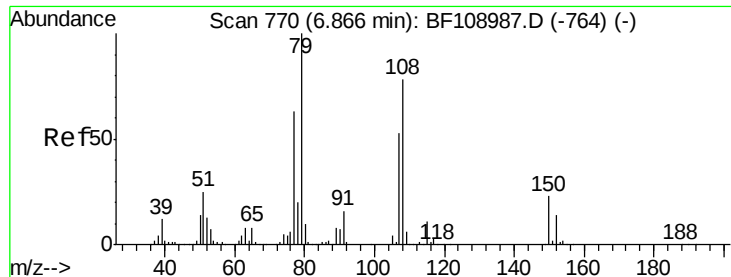
Tgt Ion:146 Resp: 438324
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.984 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:146 Resp: 405364
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.890 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

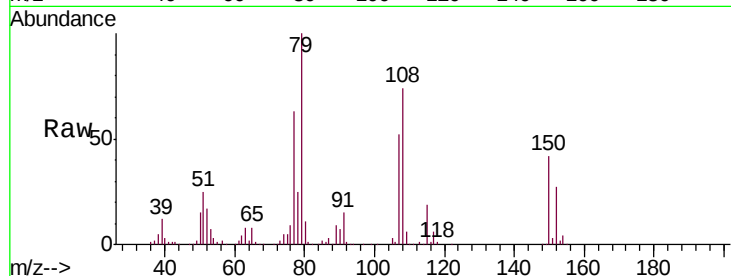
Tgt Ion: 79 Resp: 350560

Ion Ratio Lower Upper

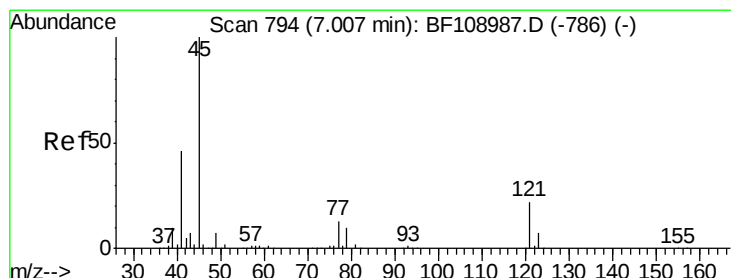
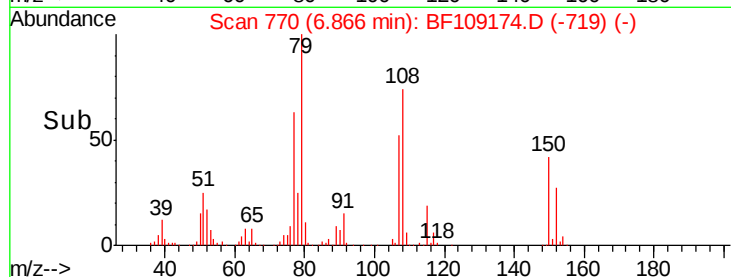
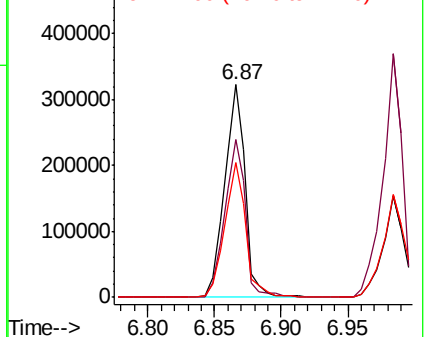
79 100

108 74.2 65.1 97.7

77 63.3 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: 36.207 ng

RT: 7.01 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

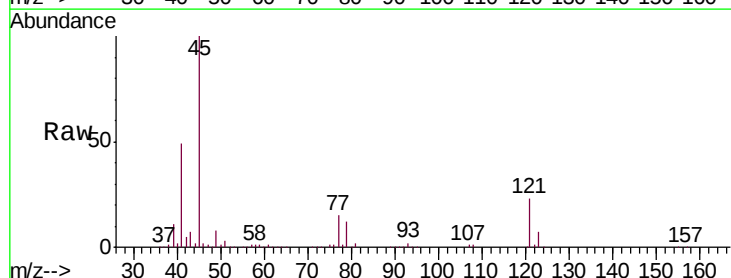
Tgt Ion: 45 Resp: 545253

Ion Ratio Lower Upper

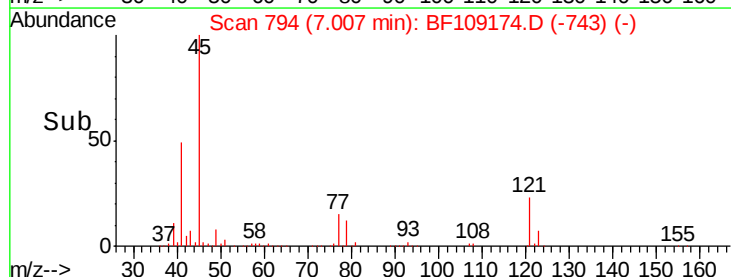
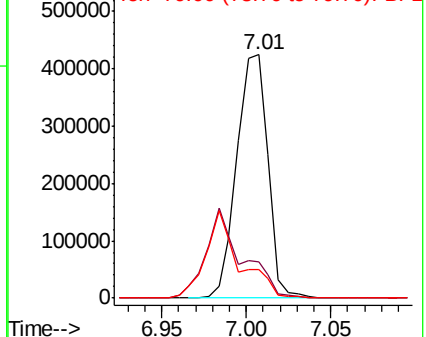
45 100

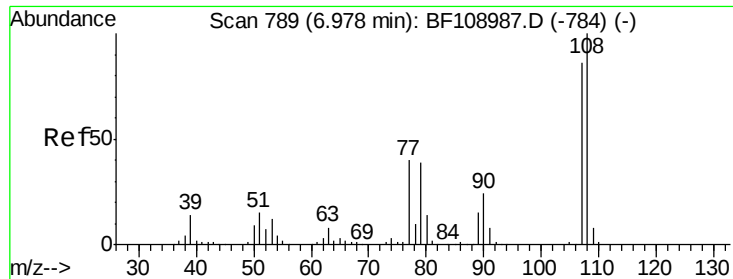
77 15.1 0.0 32.9

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

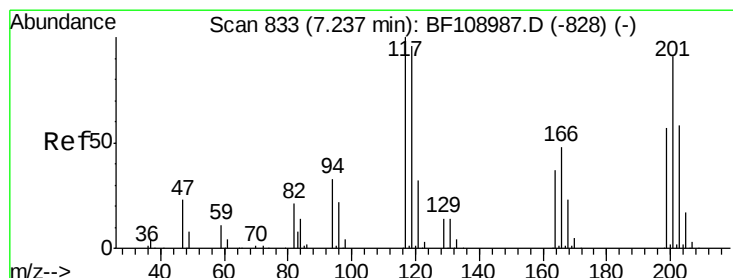
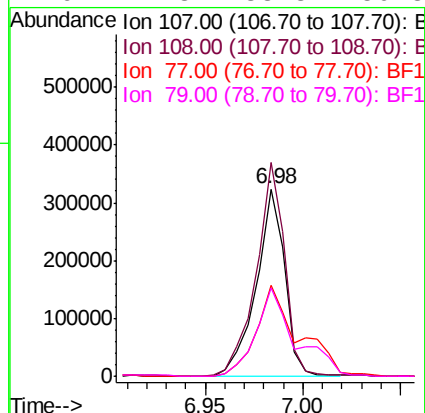
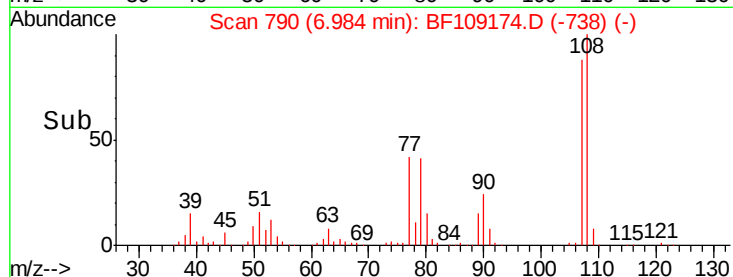
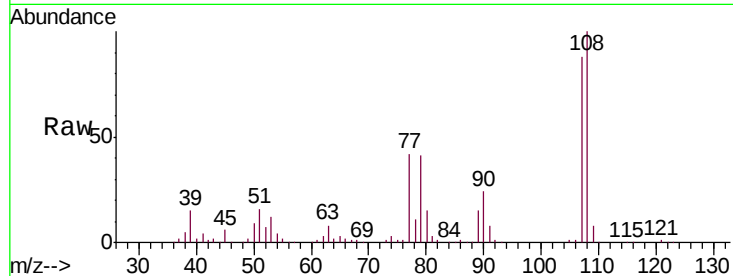




#17
2-Methylphenol
Concen: 38.826 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

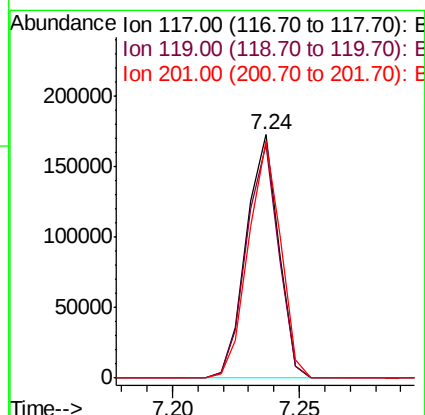
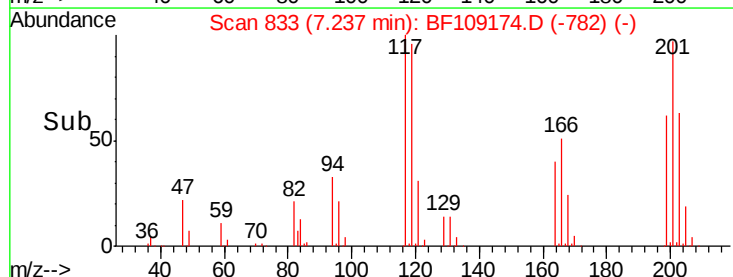
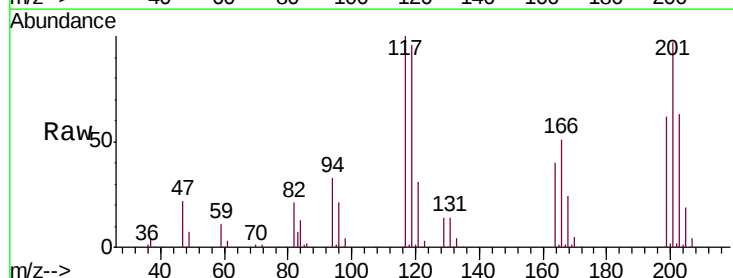
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

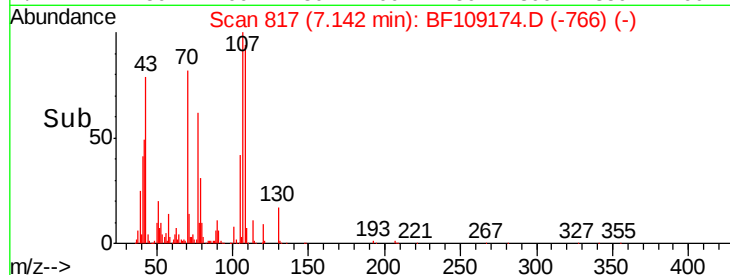
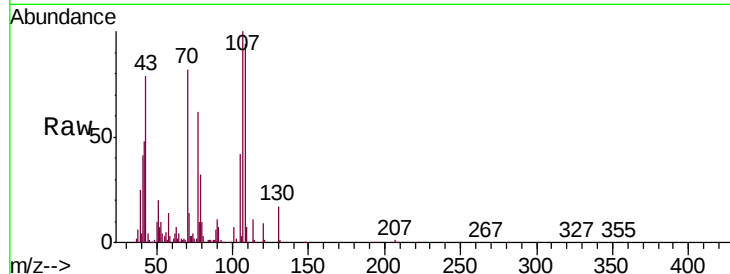
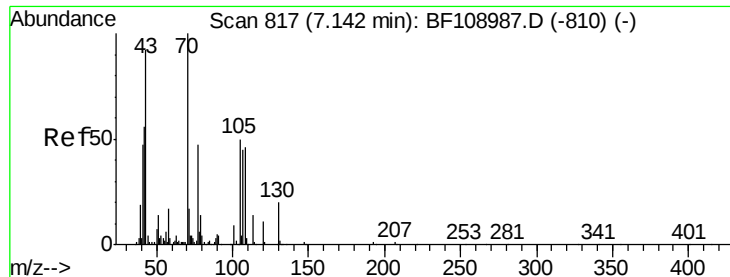
Tgt Ion:107 Resp: 326415
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 48.3 33.8 50.8
79 47.3 33.8 50.8



#18
Hexachloroethane
Concen: 35.660 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion:117 Resp: 153120
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 97.5 75.7 113.5

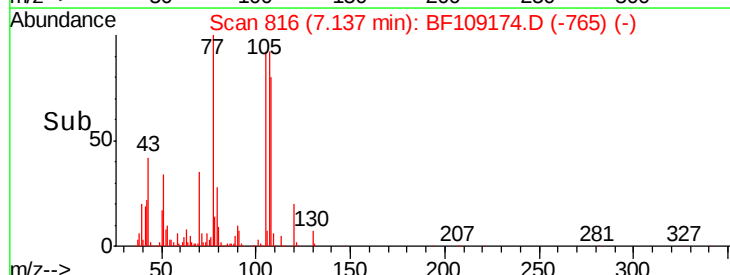
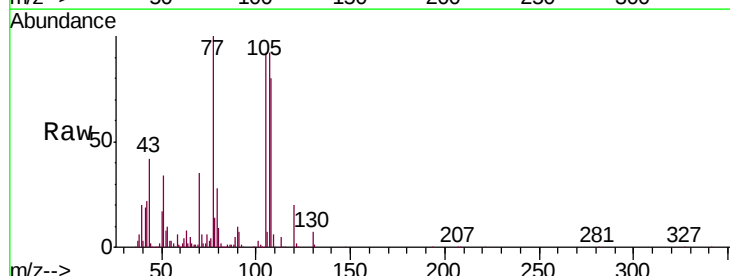
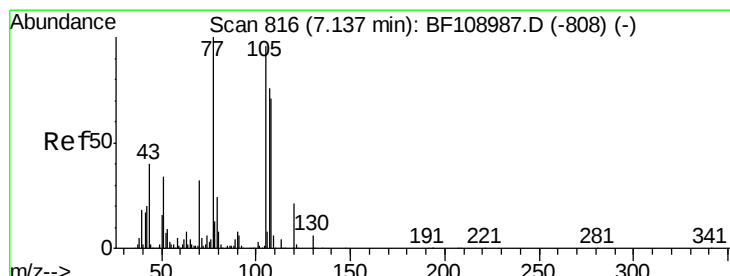
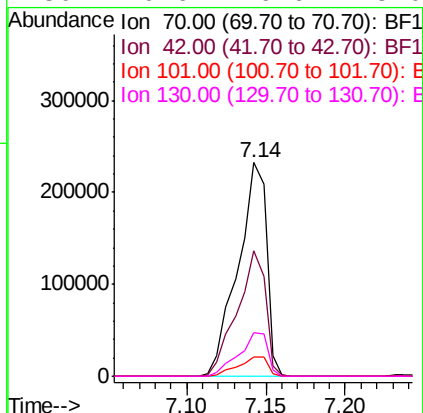




#19
n-Nitroso-di-n-propylamine
Concen: 36.946 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

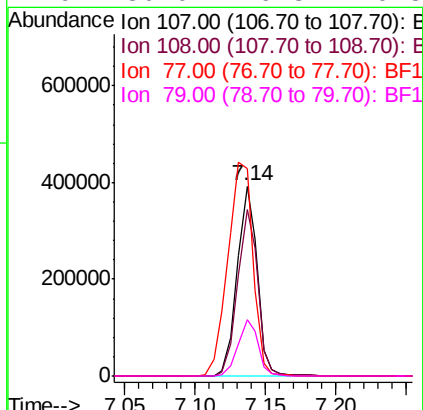
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

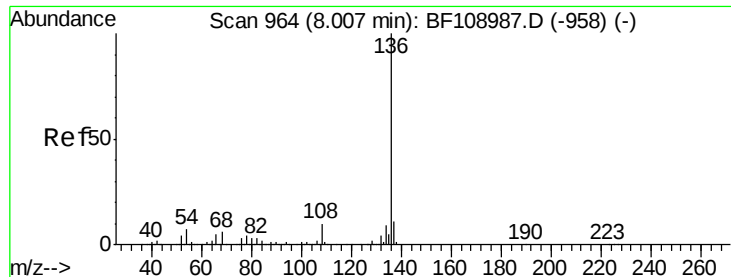
Tgt Ion:	70	Resp:	289967
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	9.1	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.093 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion:	107	Resp:	385704
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	109.1	26.7	66.7#
79	30.0	6.3	46.3

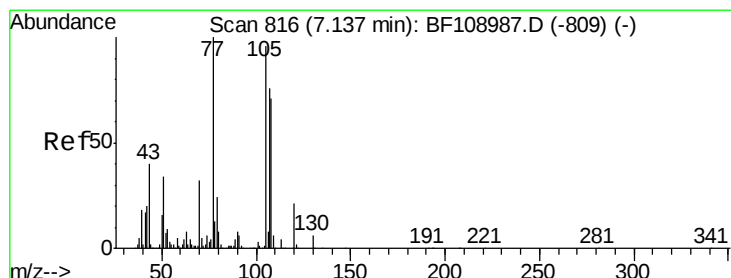
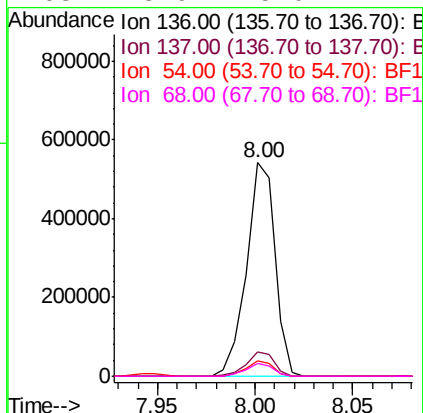
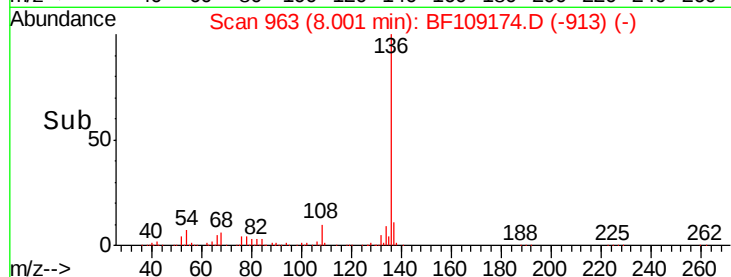
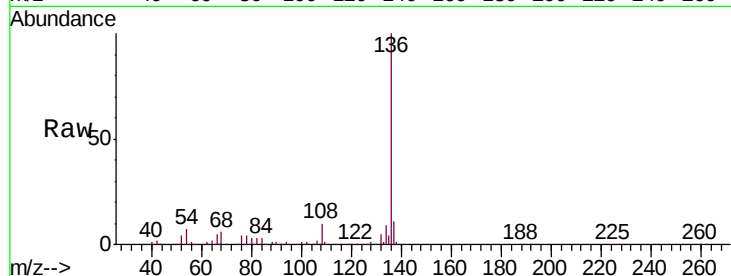




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

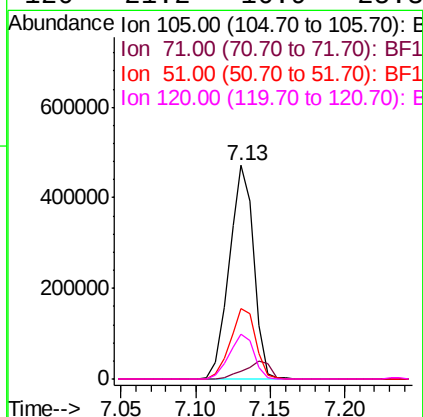
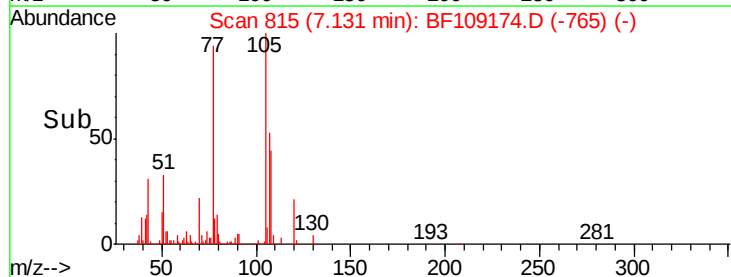
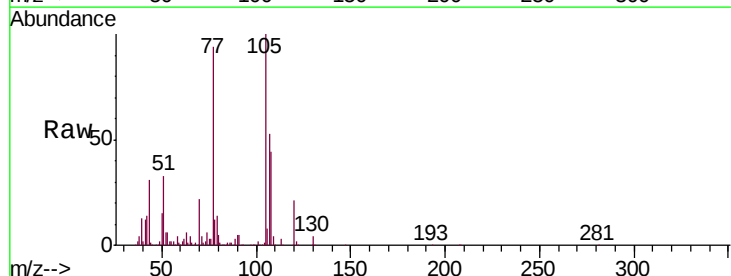
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

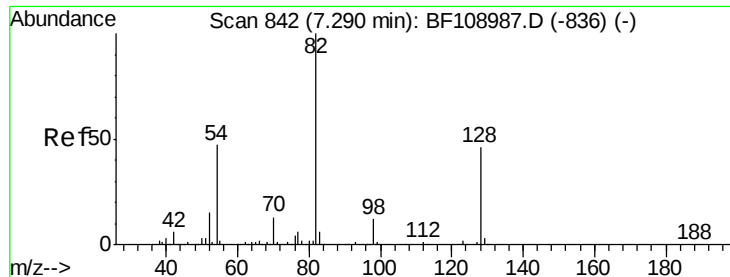
Tgt Ion:	136	Resp:	550648
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 43.592 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion:	105	Resp:	545125
Ion Ratio	Lower	Upper	
105	100		
71	3.7	4.4	6.6#
51	32.7	22.3	33.5
120	21.2	16.9	25.3

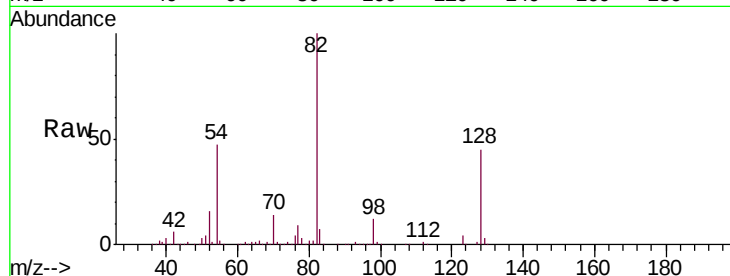




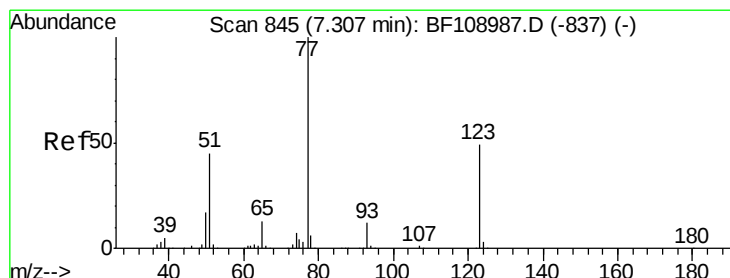
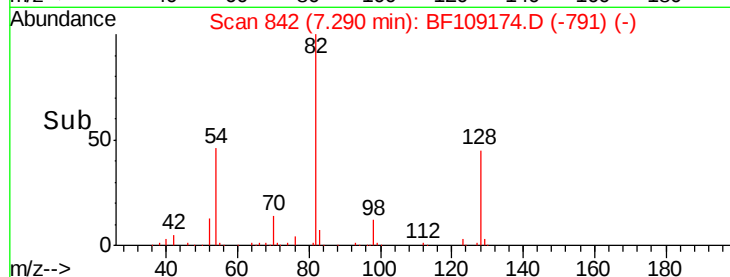
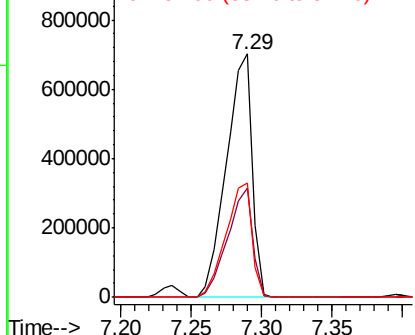
#23
 Nitrobenzene-d5
 Concen: 90.637 ng
 RT: 7.29 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	47.1	41.4	62.2

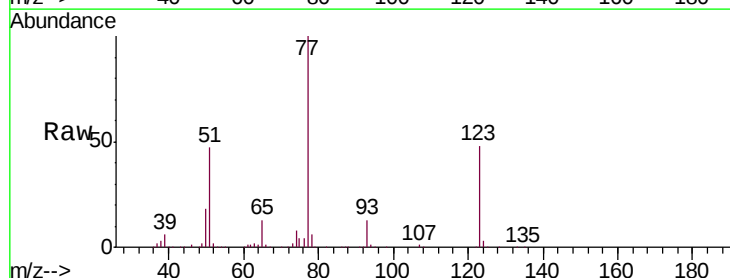


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

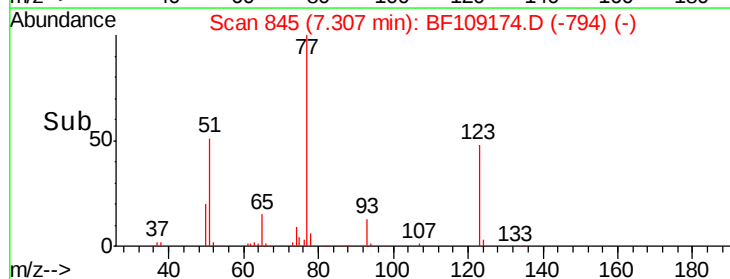
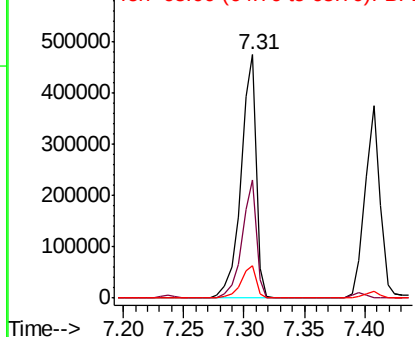


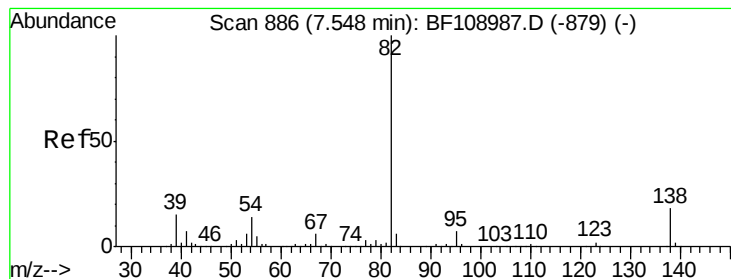
#24
 Nitrobenzene
 Concen: 41.359 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	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: 46.340 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

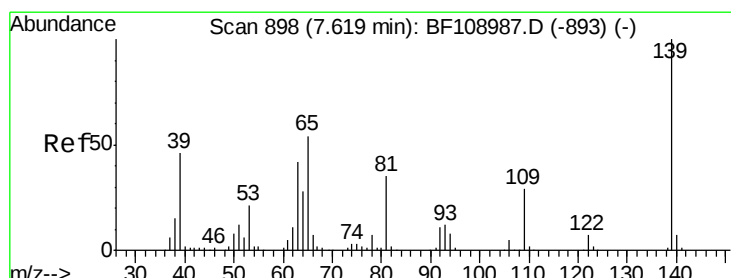
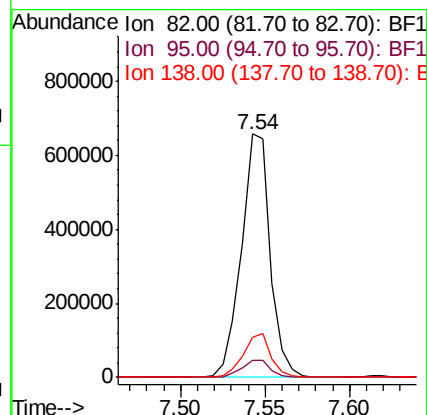
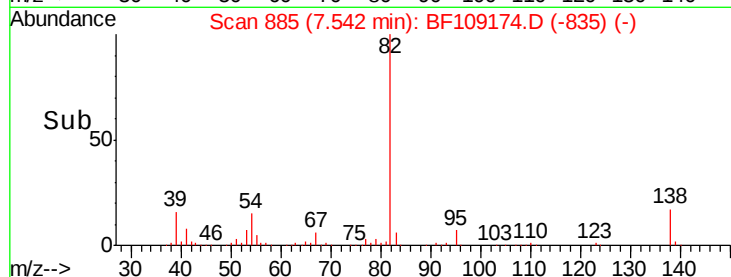
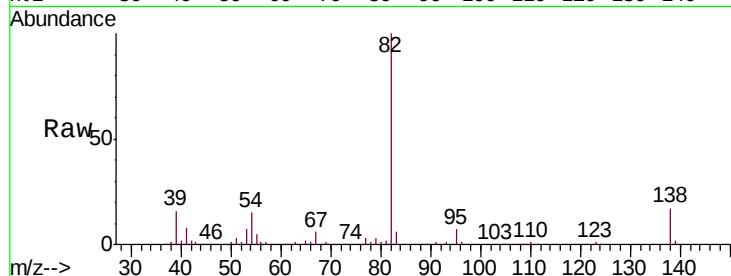
Tgt Ion: 82 Resp: 782034

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 16.6 14.9 22.3



#26

2-Nitrophenol

Concen: 32.436 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

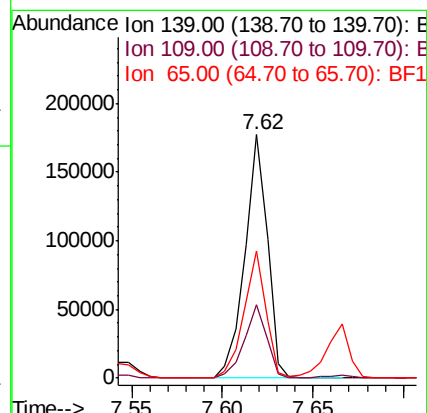
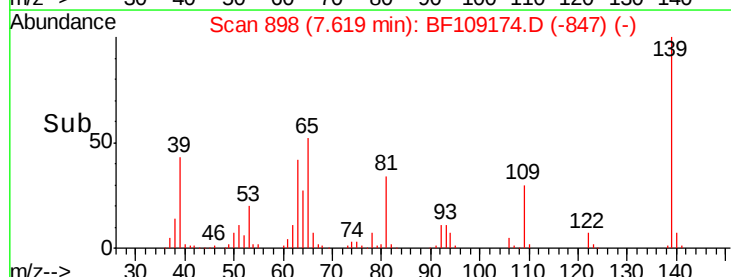
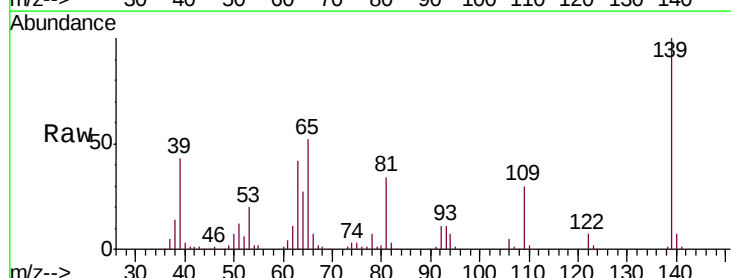
Tgt Ion: 139 Resp: 153305

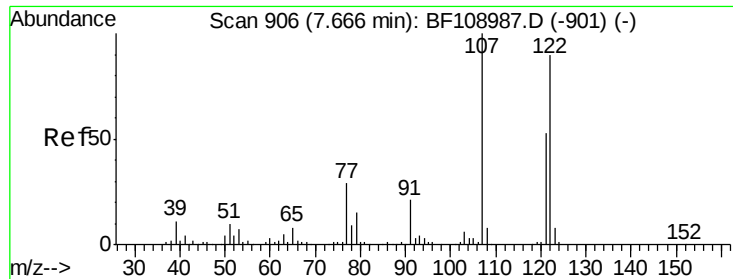
Ion Ratio Lower Upper

139 100

109 30.1 22.7 34.1

65 52.4 40.5 60.7

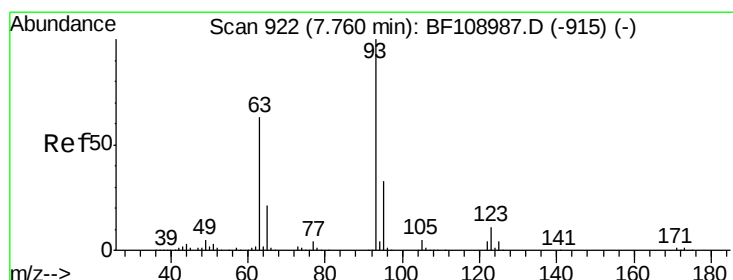
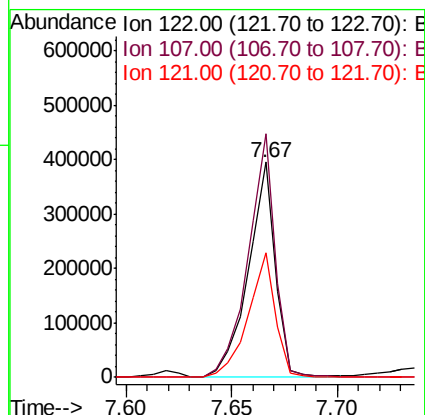
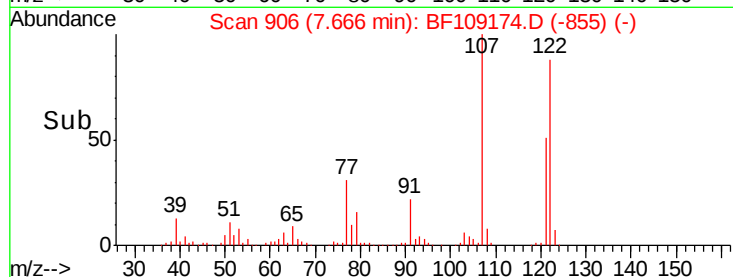
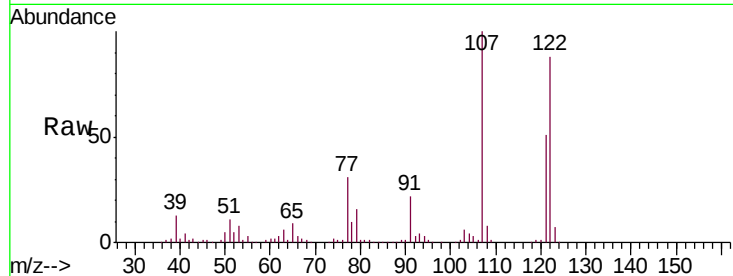




#27
2,4-Dimethylphenol
Concen: 47.224 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

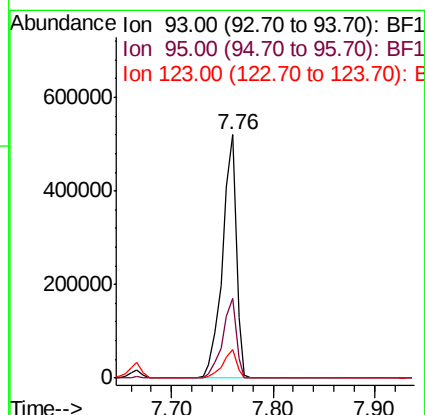
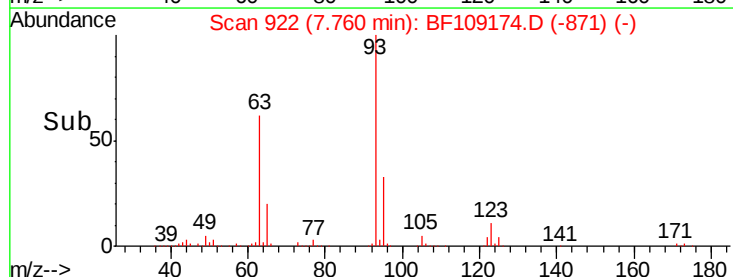
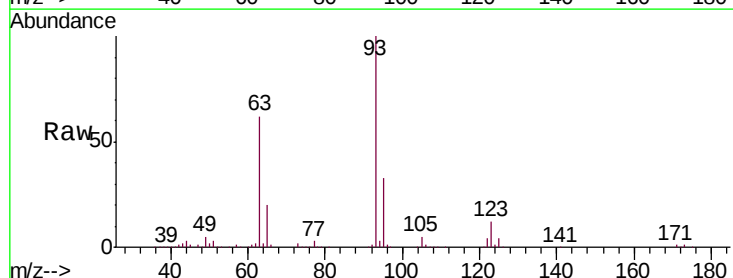
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

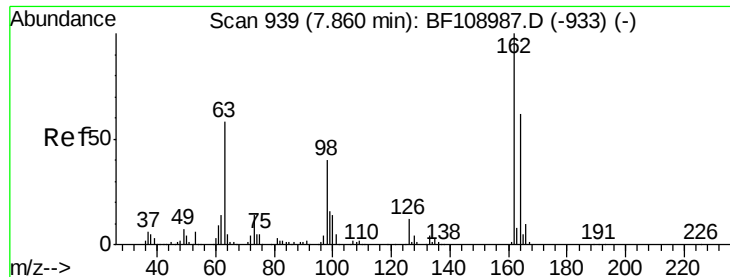
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.0	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.528 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.6	9.8	14.6

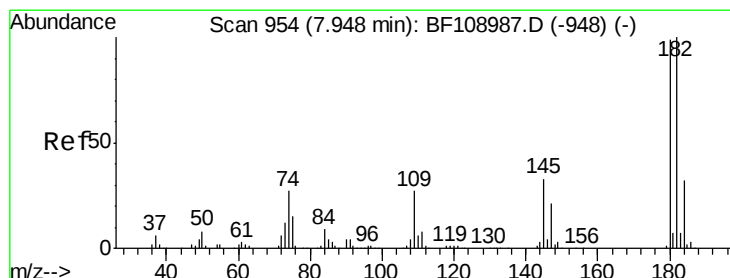
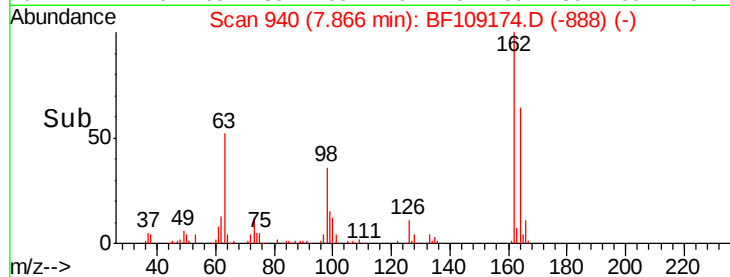
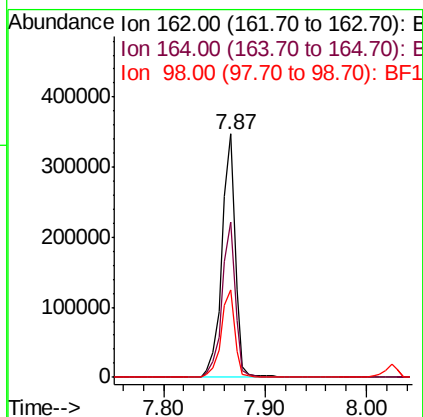
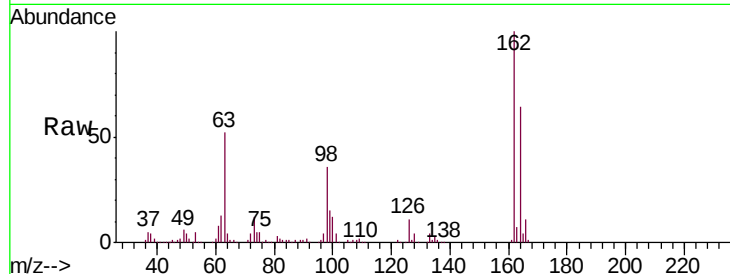




#29
2,4-Dichlorophenol
Concen: 40.379 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

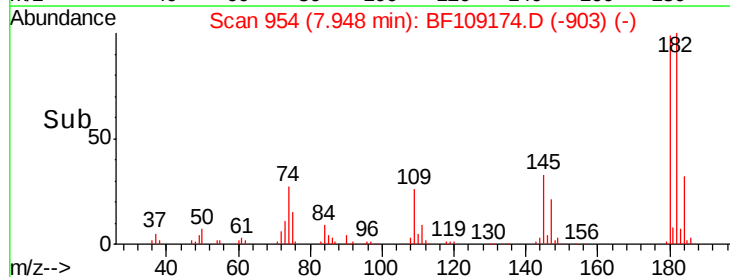
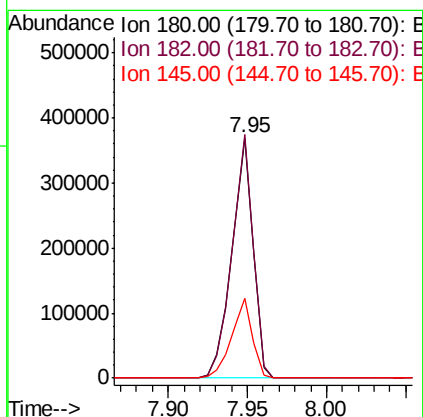
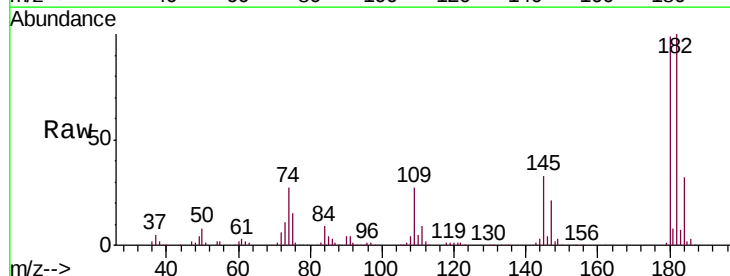
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

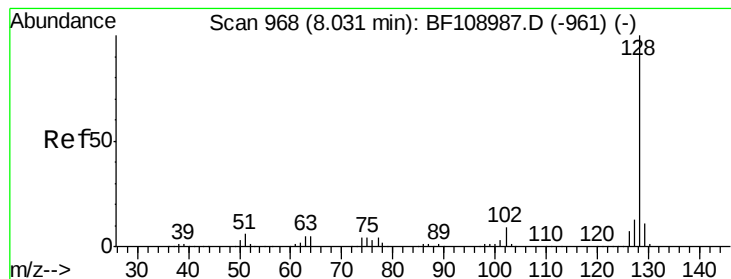
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	35.9	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.532 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	76.8	115.2
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 43.628 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

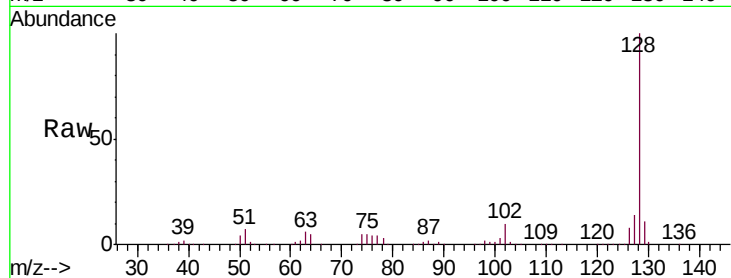
Tgt Ion:128 Resp: 1115031

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

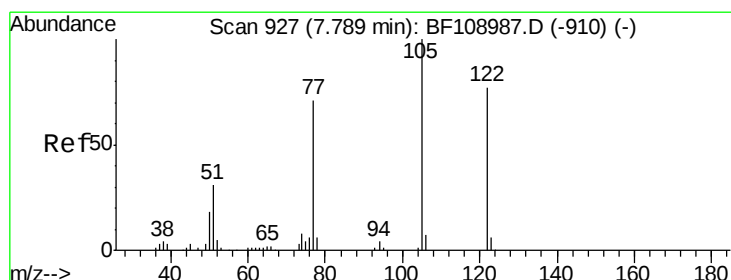
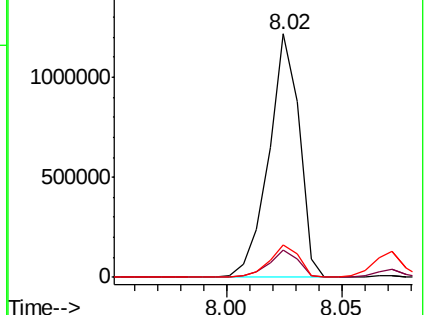
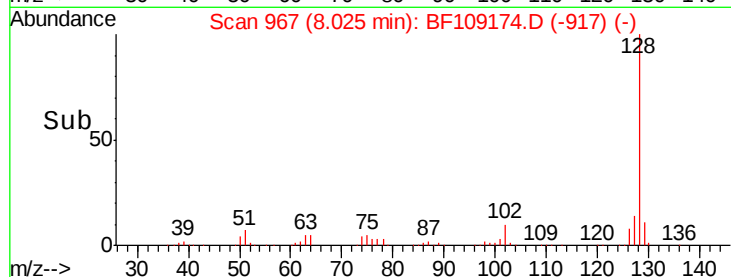
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.402 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

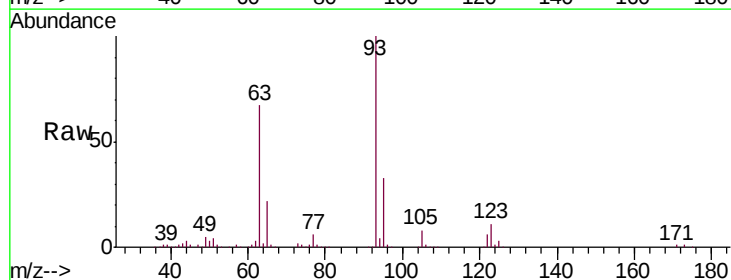
Tgt Ion:122 Resp: 55238

Ion Ratio Lower Upper

122 100

105 128.8 101.1 141.1

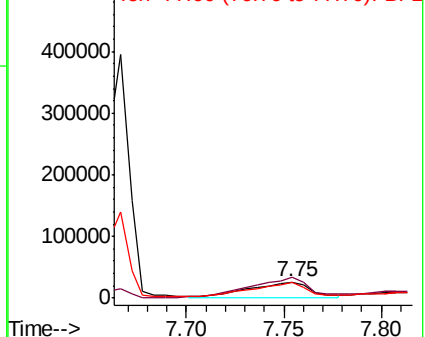
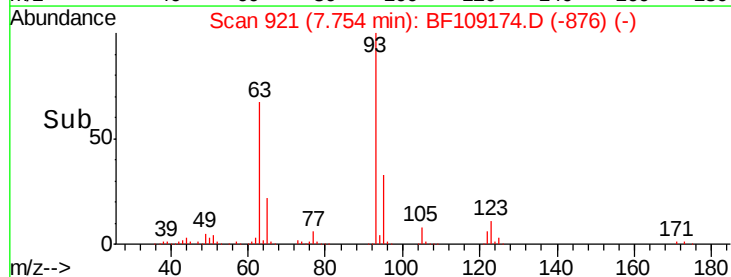
77 99.3 70.7 110.7

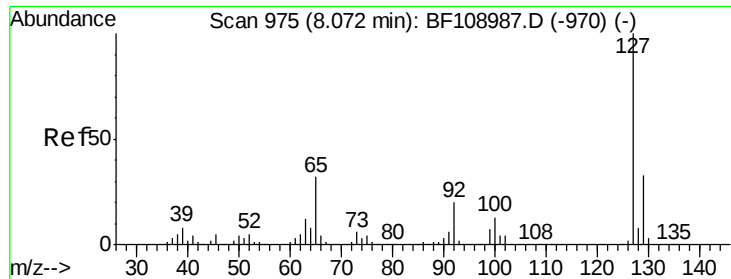


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

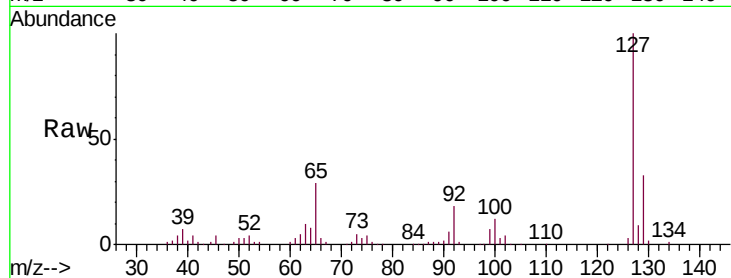




#33
 4-Chloroaniline
 Concen: 10.883 ng
 RT: 8.07 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion:	127	Resp:	123674
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.3	25.0	37.4
92	18.1	15.2	22.8



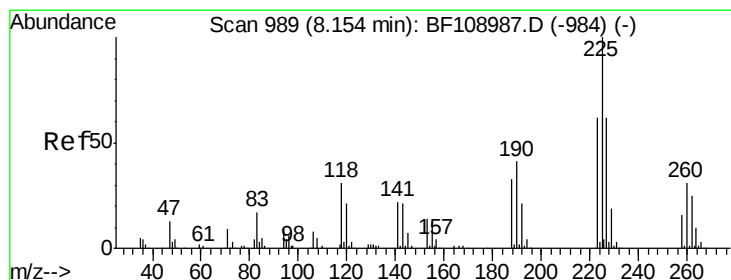
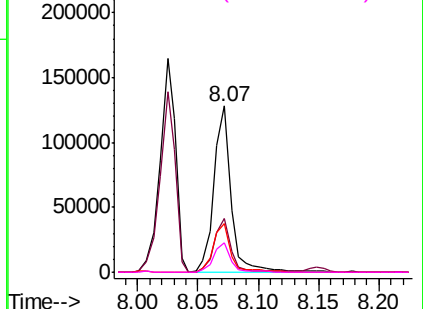
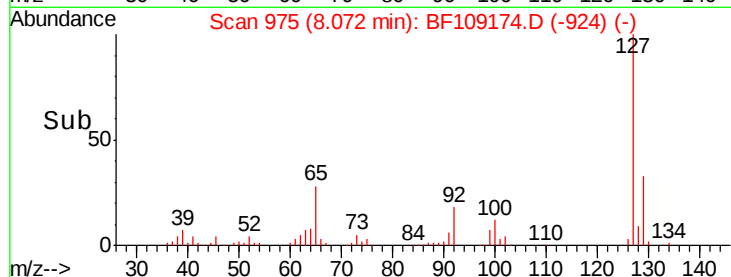
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

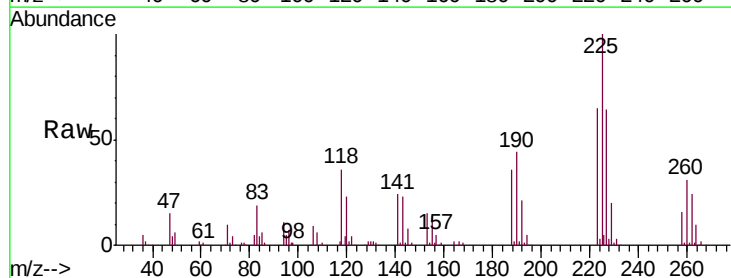
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 40.674 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:	225	Resp:	212067
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	63.9	51.9	77.9

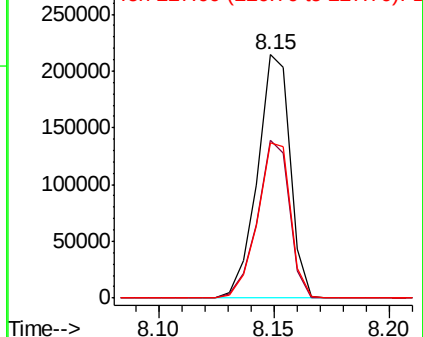
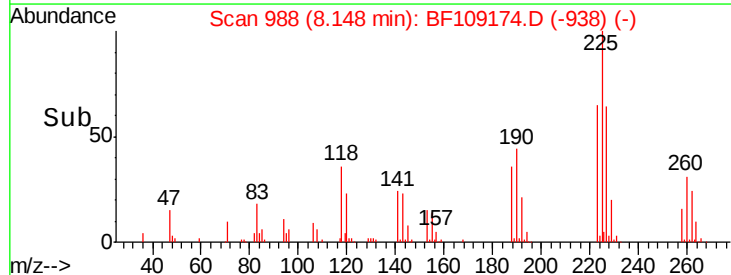


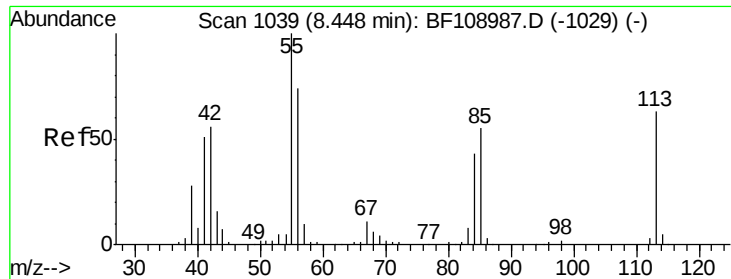
Abundance

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

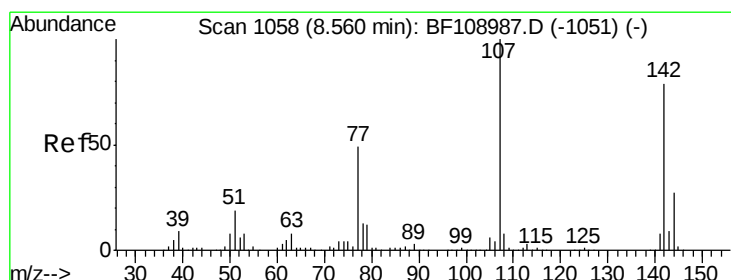
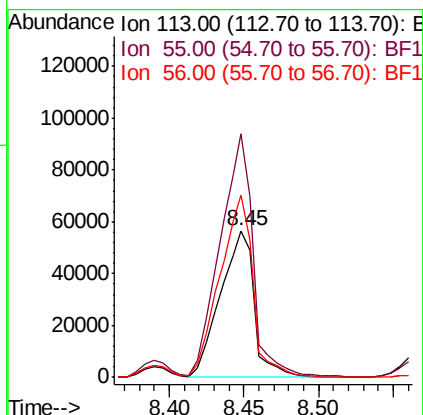
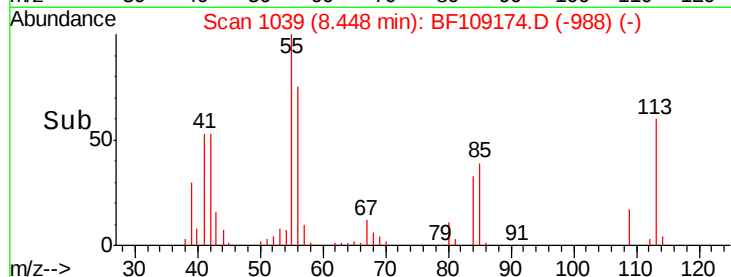
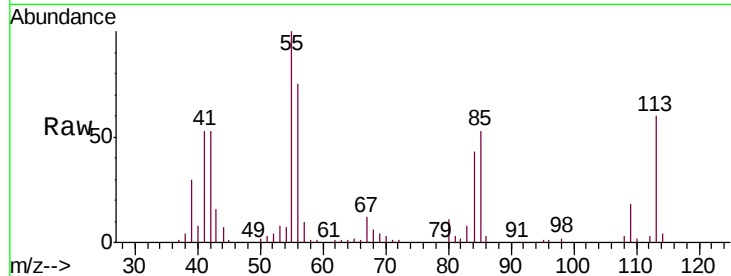




#35
 Caprolactam
 Concen: 34.943 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

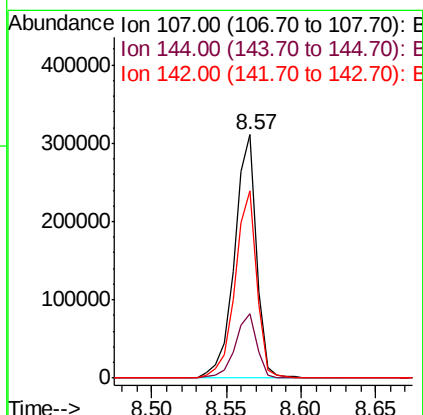
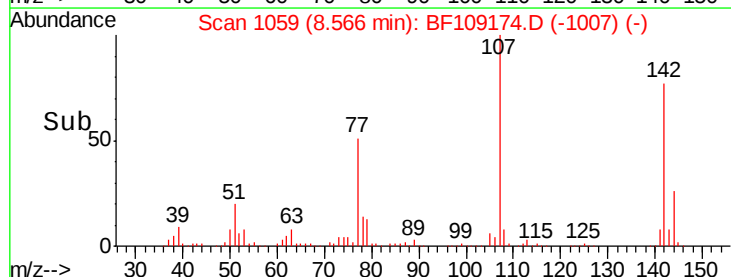
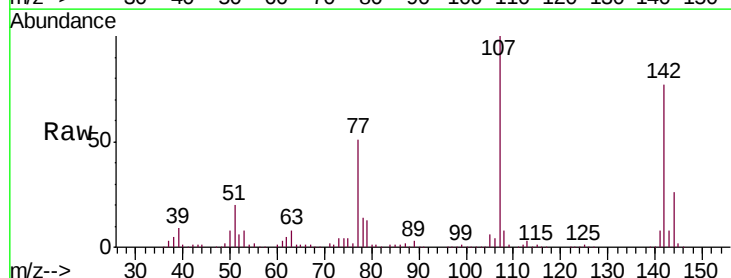
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

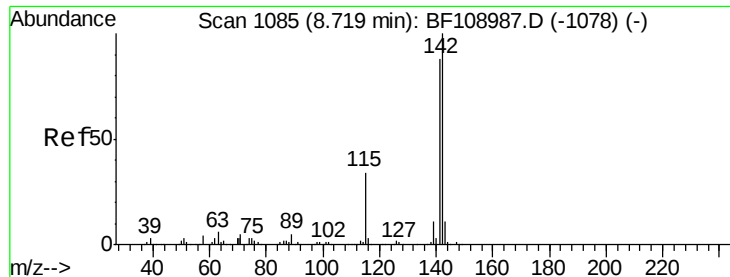
Tgt Ion:113 Resp: 90006
 Ion Ratio Lower Upper
 113 100
 55 166.1 163.3 203.3
 56 124.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.928 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:107 Resp: 323759
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 76.9 62.0 93.0

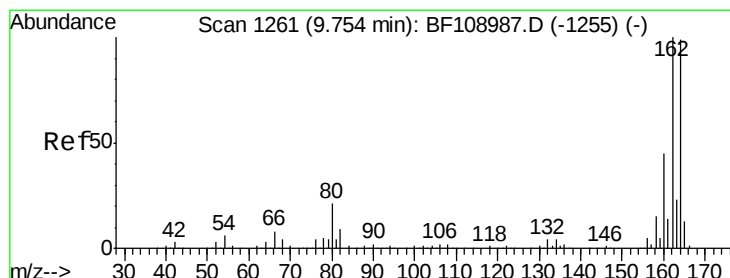
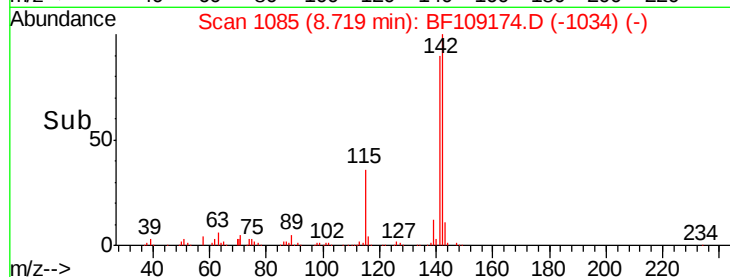
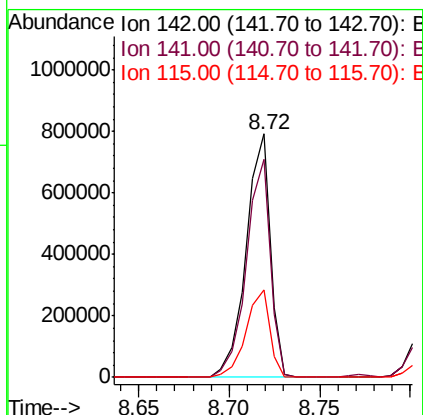
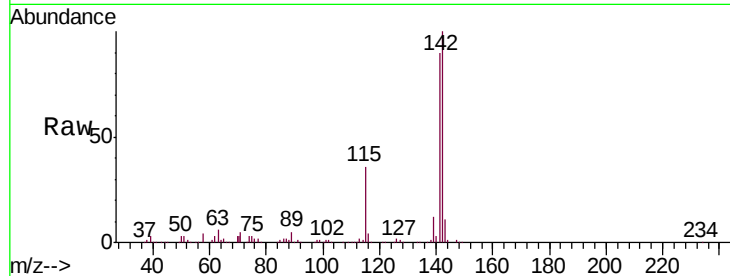




#37
 2-Methylnaphthalene
 Concen: 44.218 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

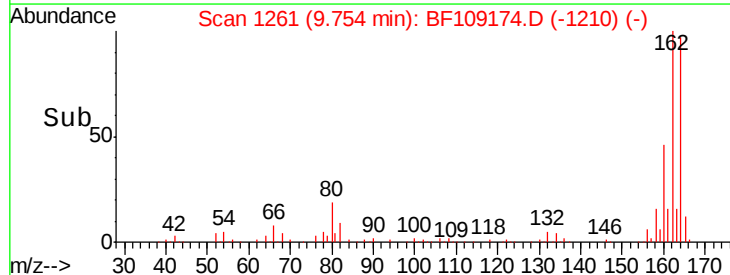
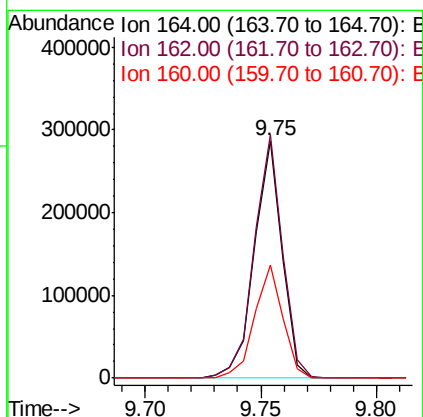
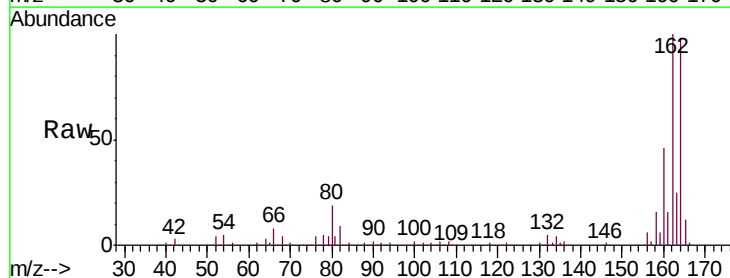
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

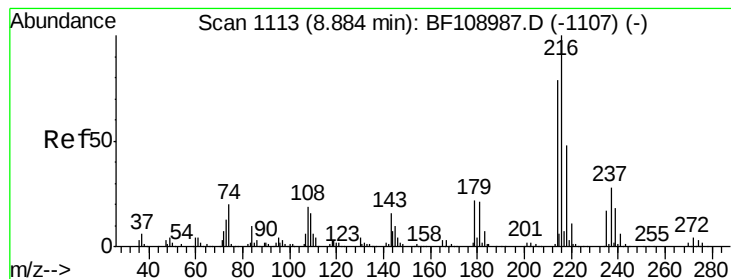
Tgt Ion:142 Resp: 736675
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 35.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:164 Resp: 241231
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 47.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.743 ng

RT: 8.88 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

Tgt Ion: 216 Resp: 332120

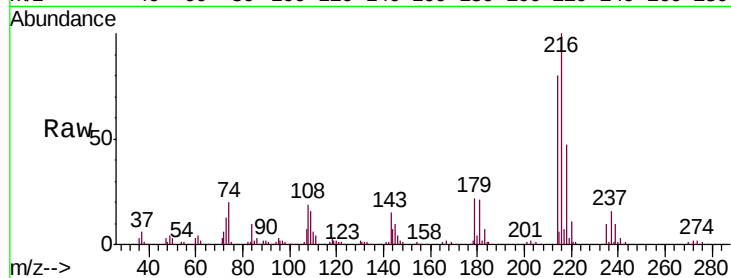
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.9 18.1 27.1

108 19.4 17.2 25.8

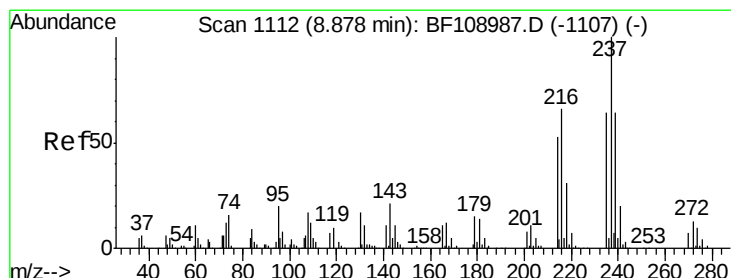
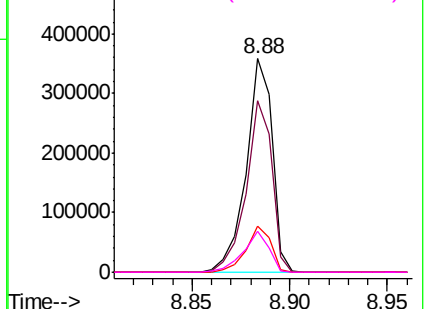
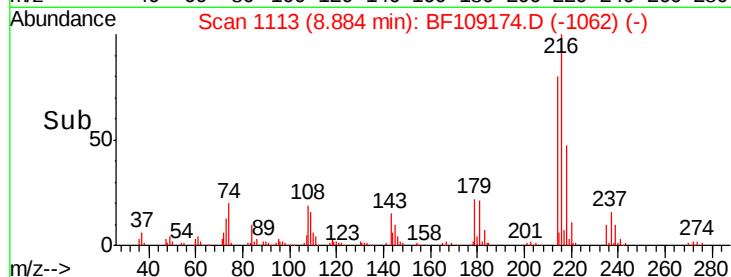


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.019 ng

RT: 8.88 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

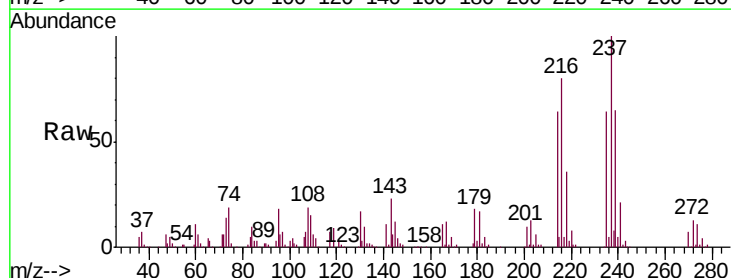
Tgt Ion: 237 Resp: 195169

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

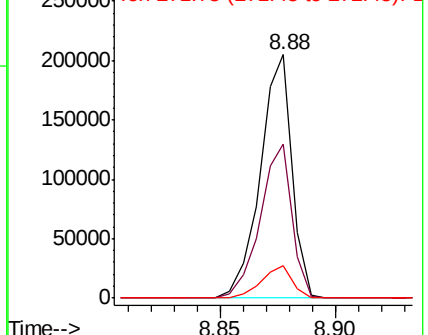
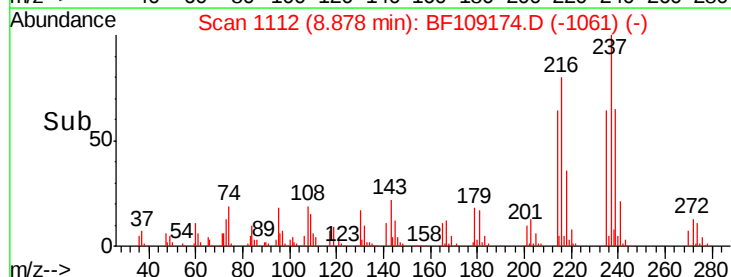
272 13.4 0.0 33.3

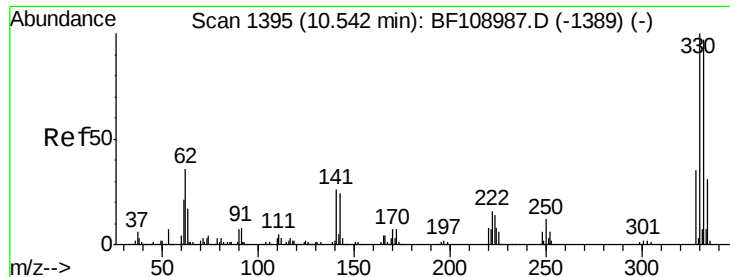


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

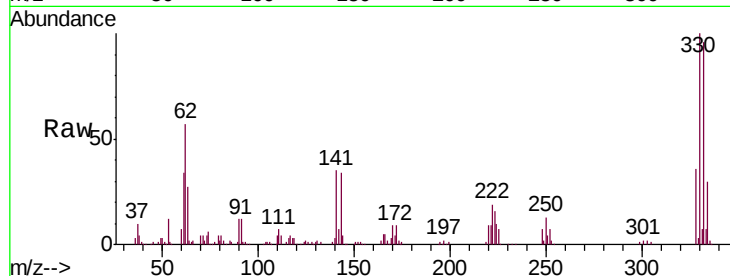




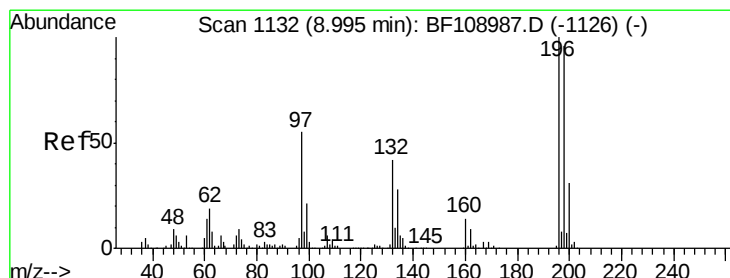
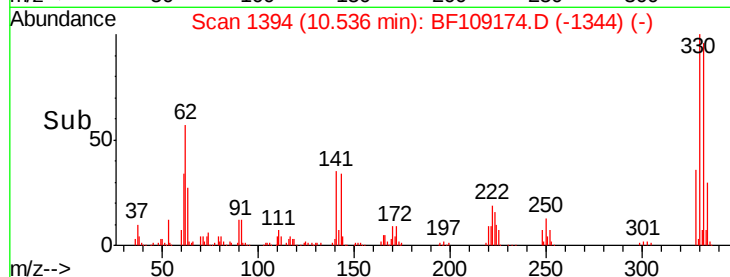
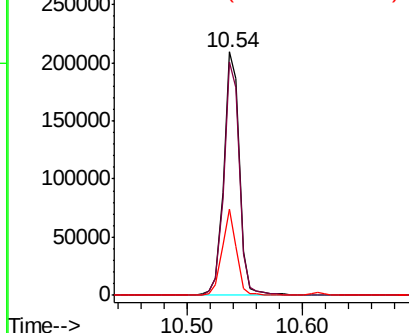
#41
 2,4,6-Tribromophenol
 Concen: 75.594 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion:330 Resp: 197904
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.4 29.9 44.9

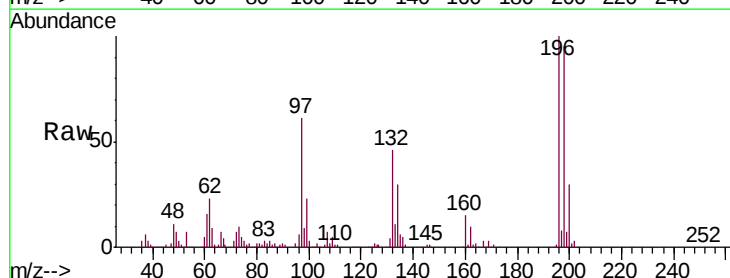


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

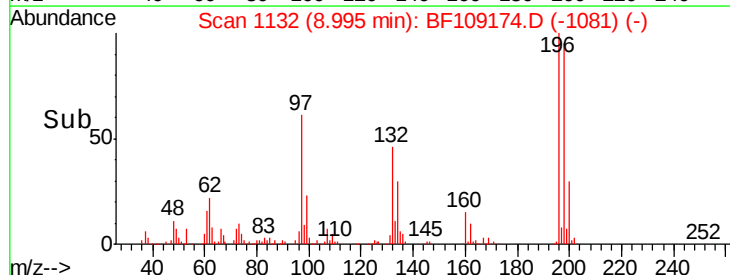
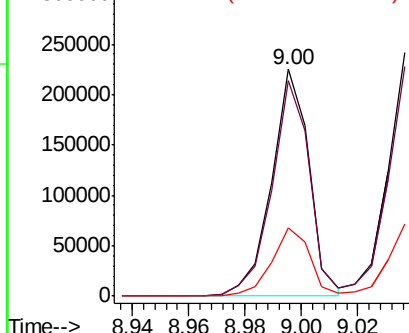


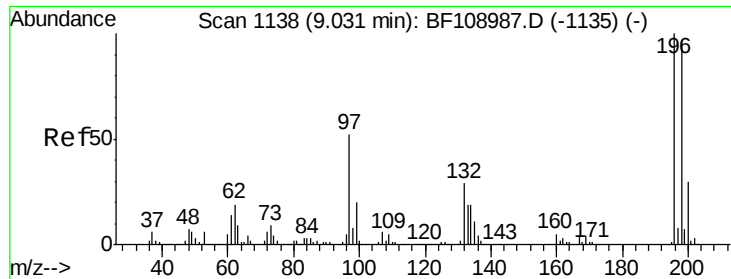
#42
 2,4,6-Trichlorophenol
 Concen: 40.603 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:196 Resp: 207207
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.2 24.5 36.7



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

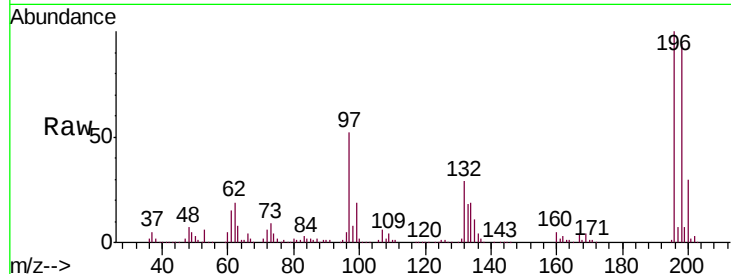




#43
 2,4,5-Trichlorophenol
 Concen: 40.581 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	51.9	42.9	64.3
132	28.8	26.3	39.5



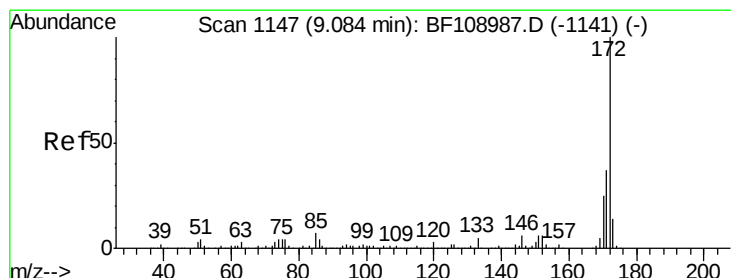
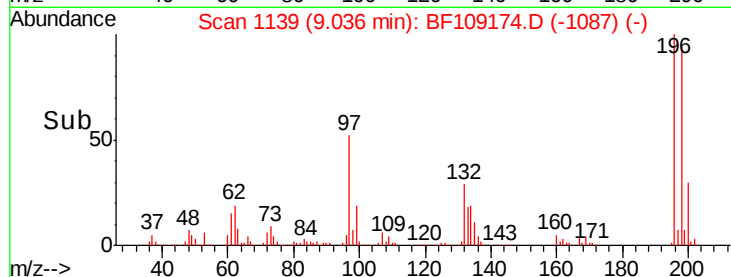
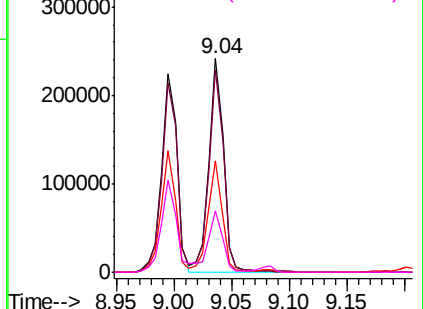
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

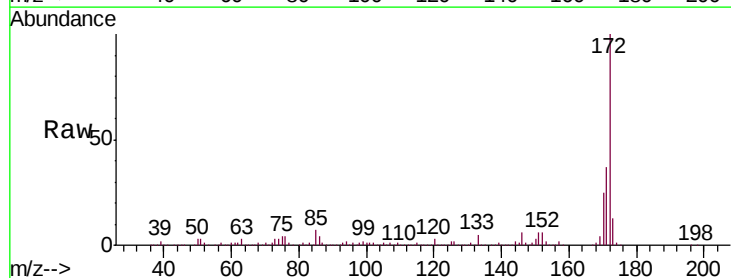
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.415 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4

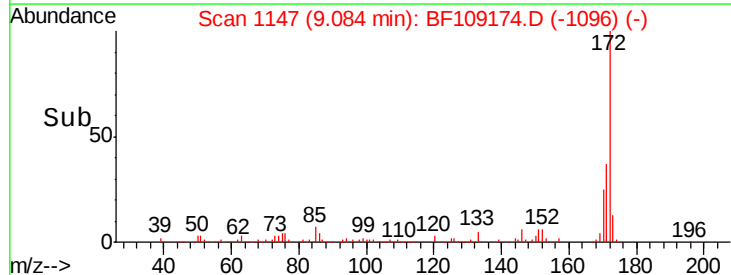
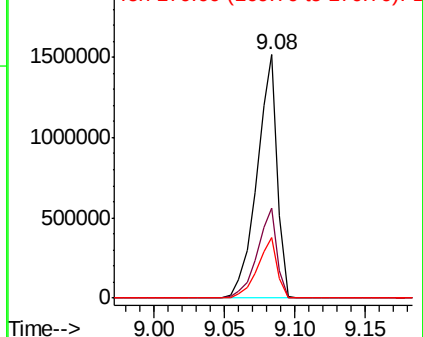


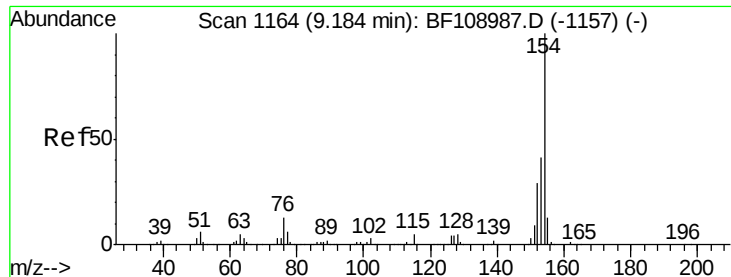
Abundance

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

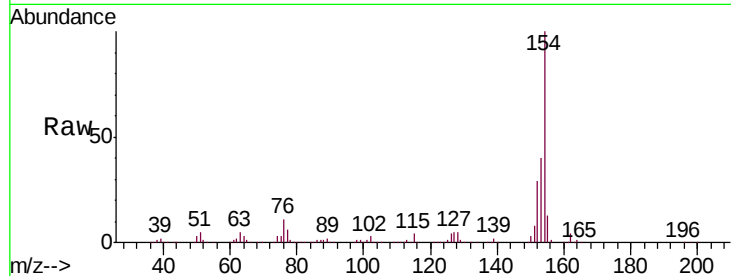




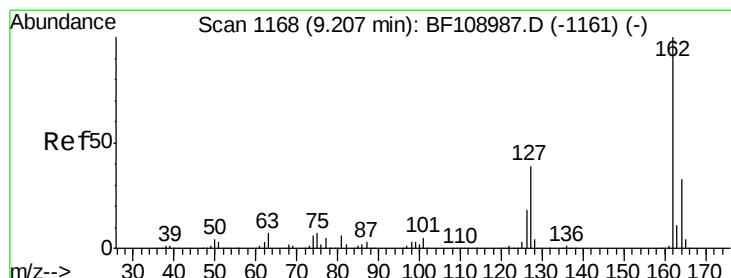
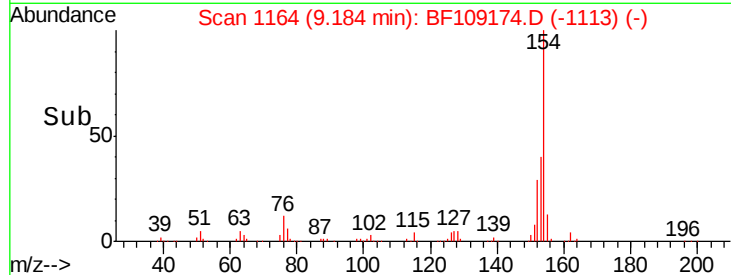
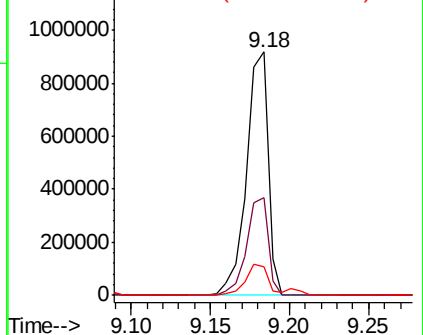
#45
 1,1'-Biphenyl
 Concen: 44.824 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion:154 Resp: 865078
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.3 61.3
 76 11.5 0.0 34.0

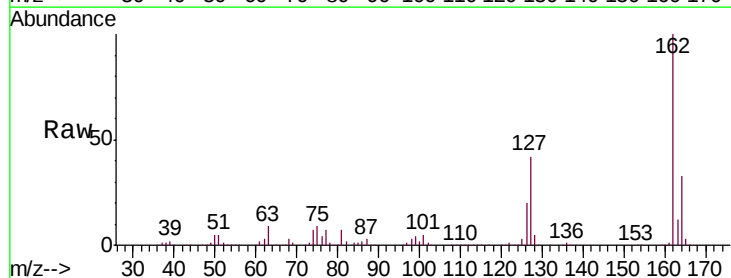


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

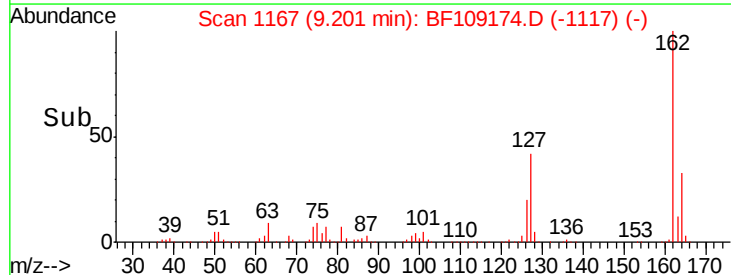
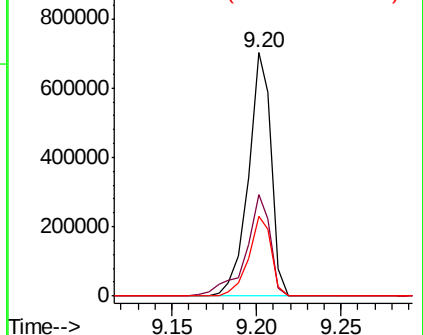


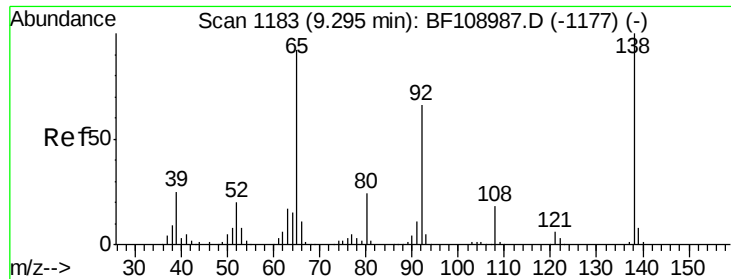
#46
 2-Chloronaphthalene
 Concen: 42.753 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:162 Resp: 660797
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 32.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

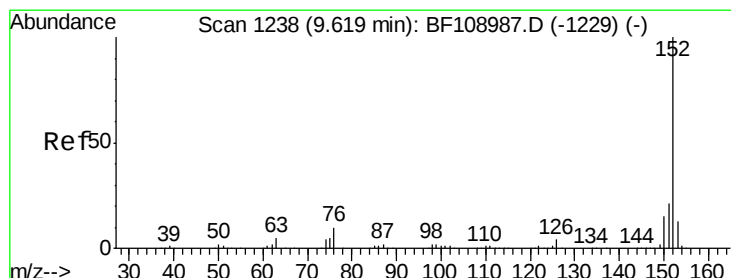
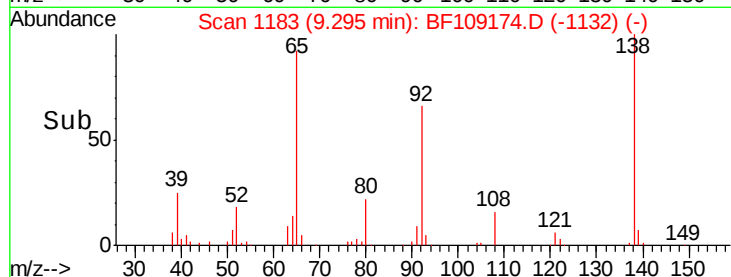
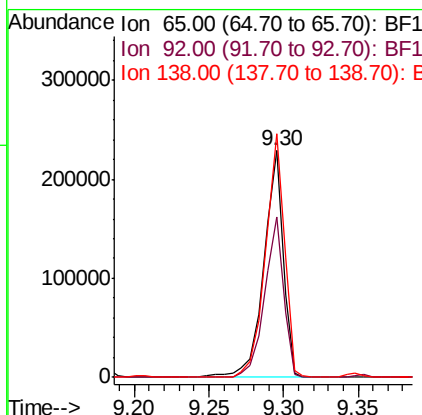
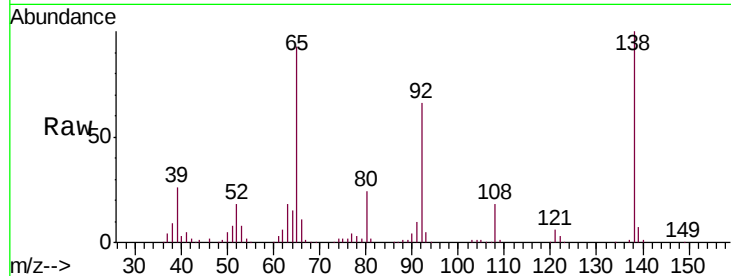




#47
 2-Nitroaniline
 Concen: 43.053 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

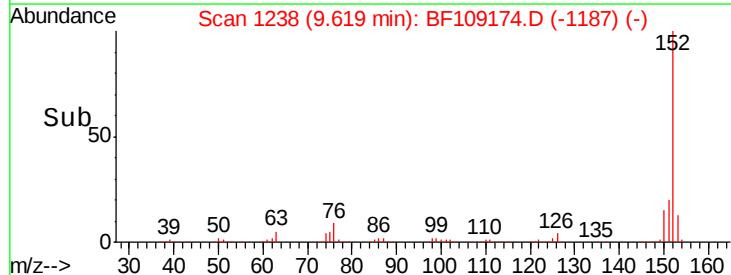
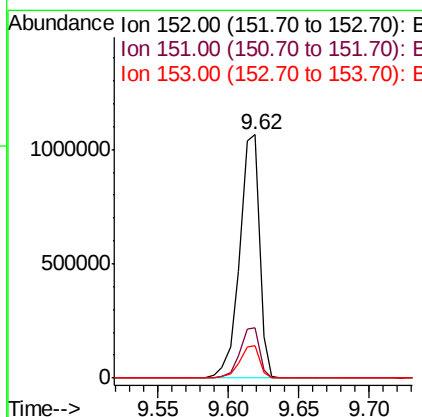
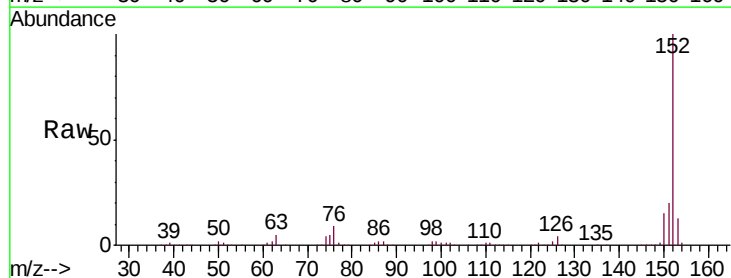
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

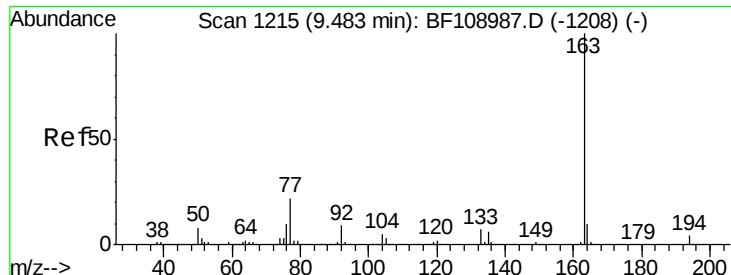
Tgt Ion: 65 Resp: 204568
 Ion Ratio Lower Upper
 65 100
 92 70.7 55.8 83.6
 138 107.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 44.650 ng
 RT: 9.62 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion: 152 Resp: 1040511
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.2 10.7 16.1

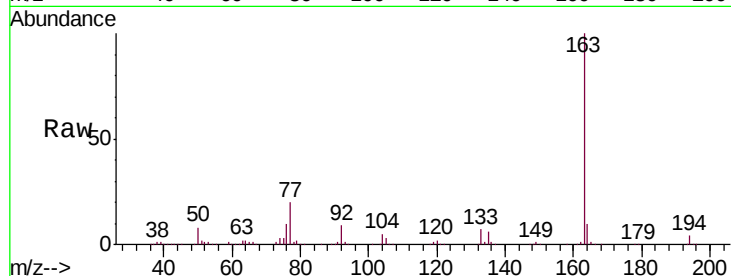




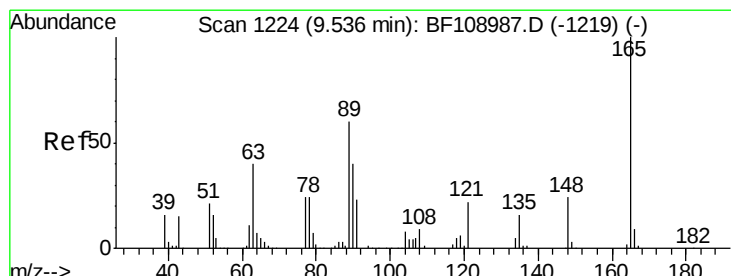
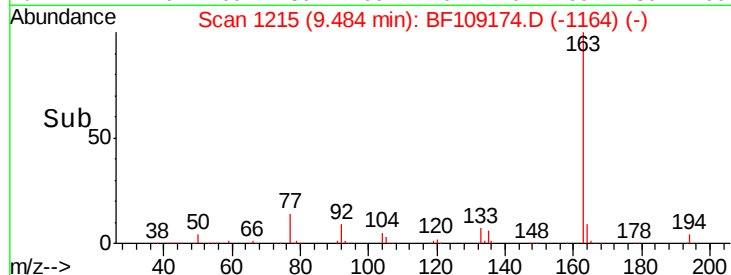
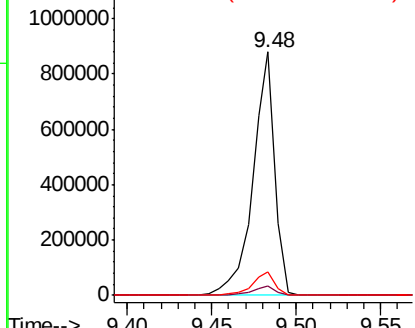
#49
Dimethylphthalate
Concen: 45.824 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tgt Ion:163 Resp: 790074
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 8.2 12.2

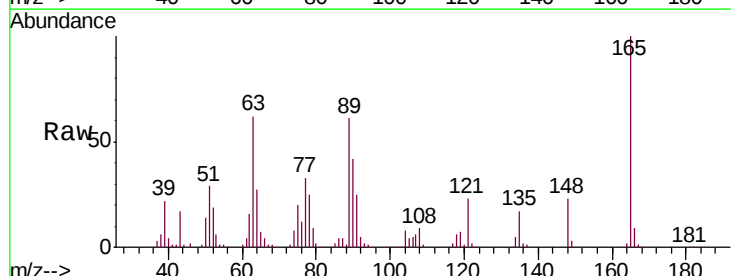


Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

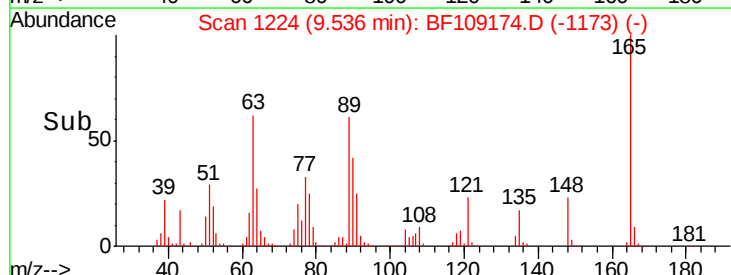
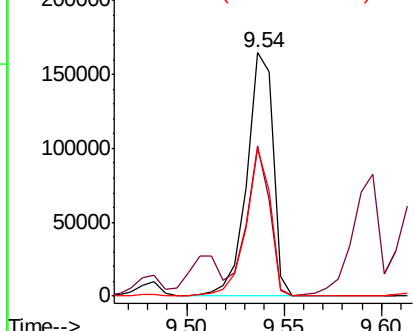


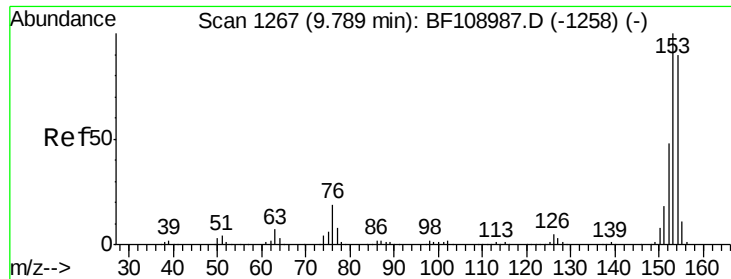
#50
2,6-Dinitrotoluene
Concen: 40.222 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion:165 Resp: 153795
Ion Ratio Lower Upper
165 100
63 61.8 44.7 67.1
89 60.9 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.804 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

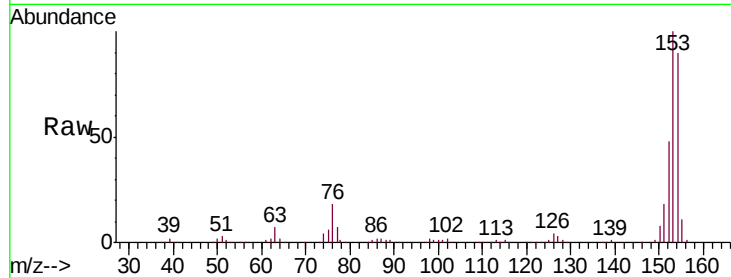
Tgt Ion:154 Resp: 606613

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

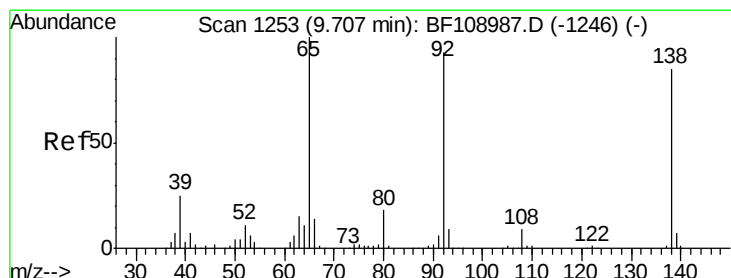
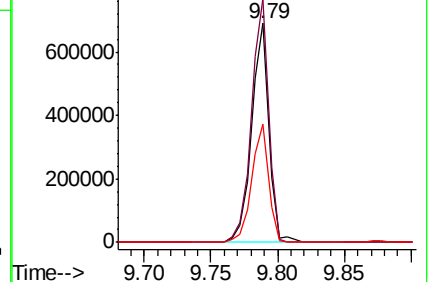
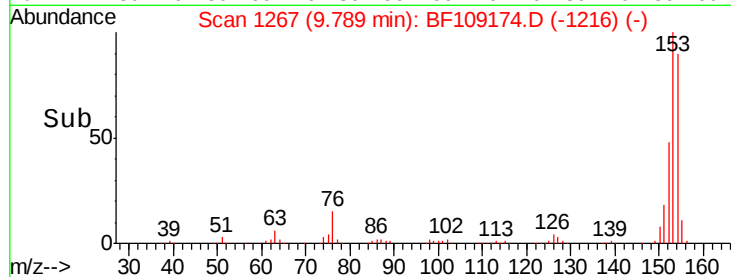
152 53.8 43.8 65.8



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: 33.310 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

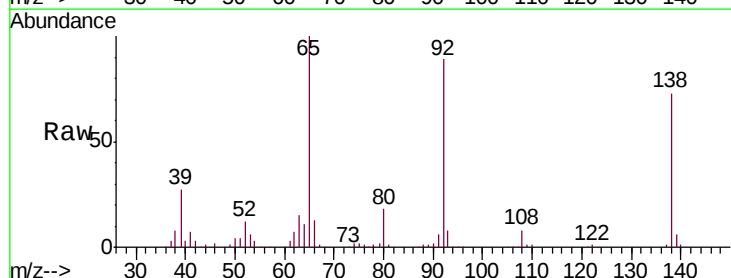
Tgt Ion:138 Resp: 149973

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

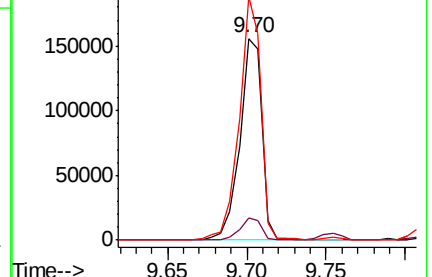
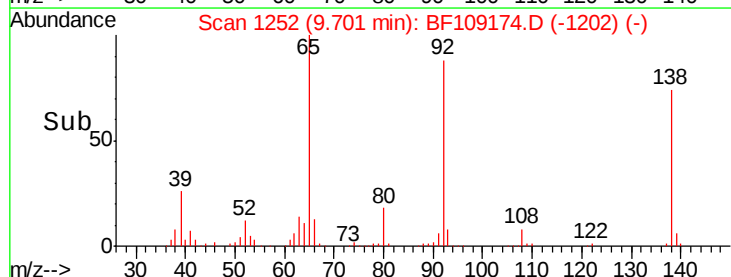
92 120.9 89.4 134.2

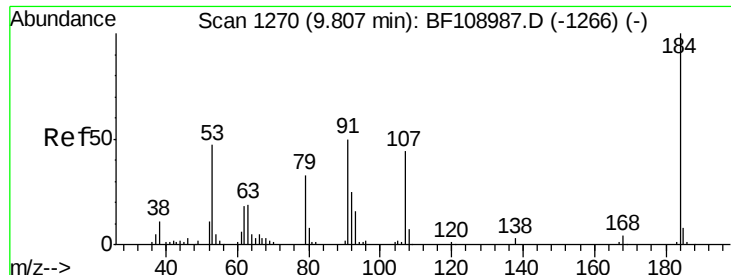


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

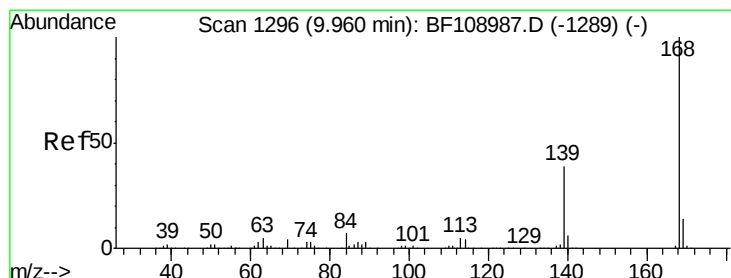
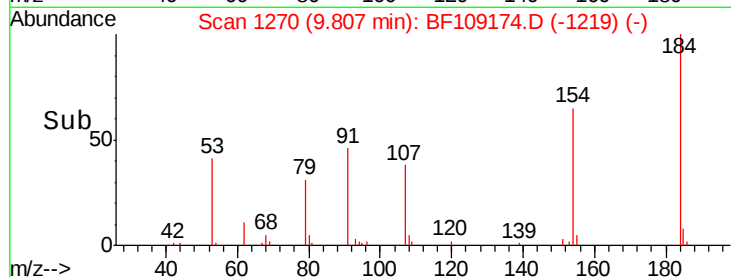
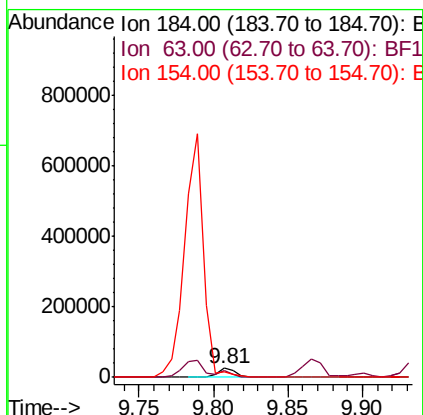
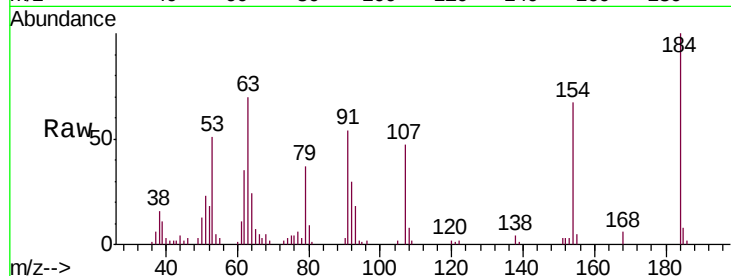




#53
 2,4-Dinitrophenol
 Concen: 15.535 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

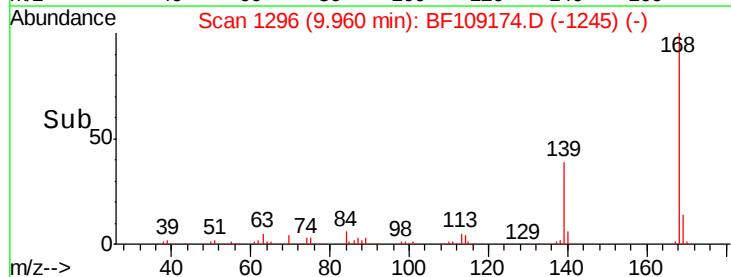
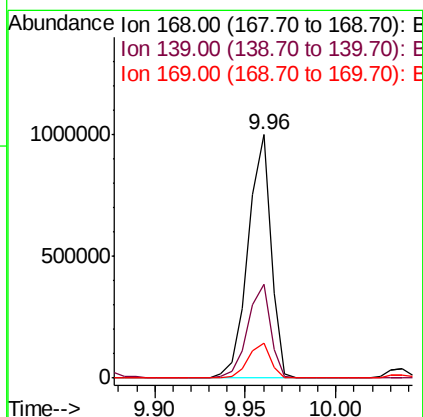
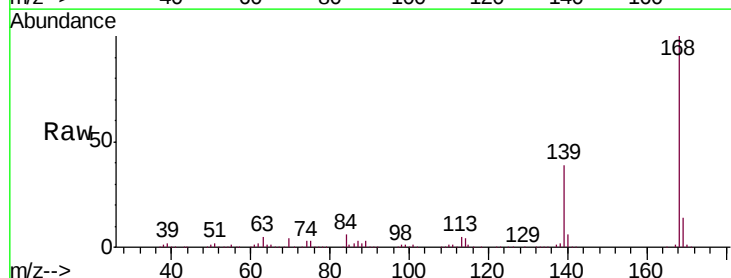
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

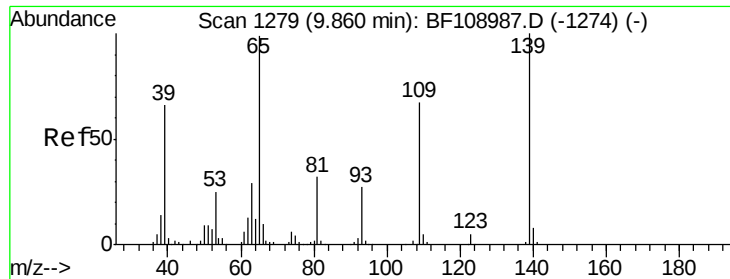
Tgt Ion:184 Resp: 22892
 Ion Ratio Lower Upper
 184 100
 63 70.2 54.2 81.2
 154 66.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.740 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion:168 Resp: 875252
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 14.3 10.9 16.3

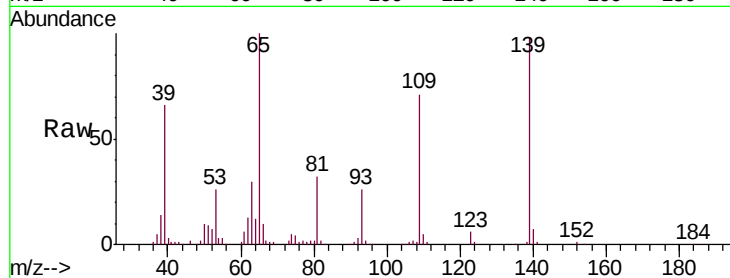




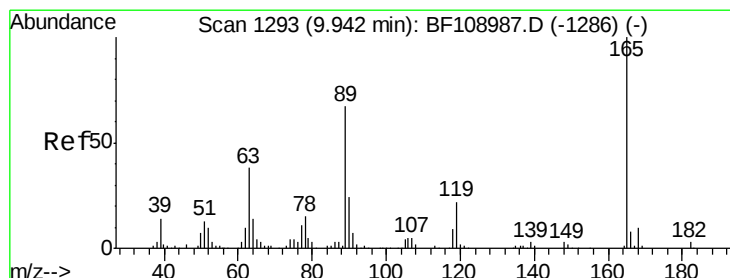
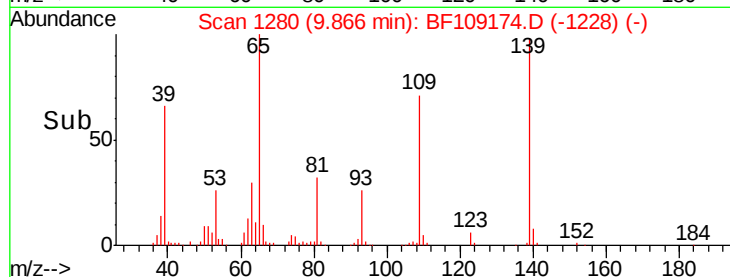
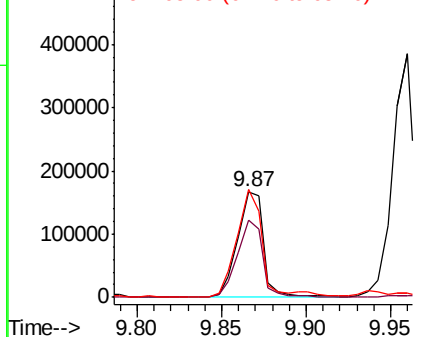
#55
4-Nitrophenol
Concen: 54.282 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tgt Ion:139 Resp: 180067
Ion Ratio Lower Upper
139 100
109 72.5 48.4 88.4
65 102.1 72.6 112.6

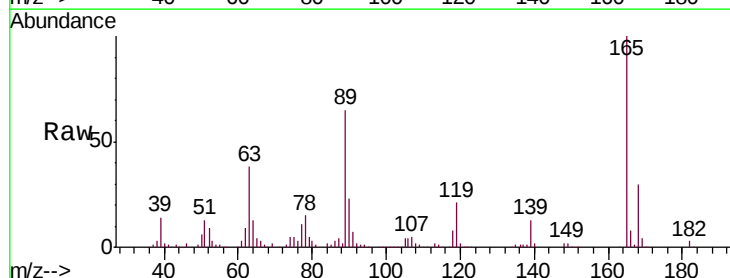


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

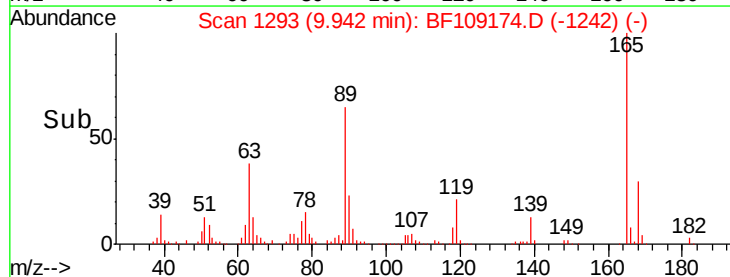
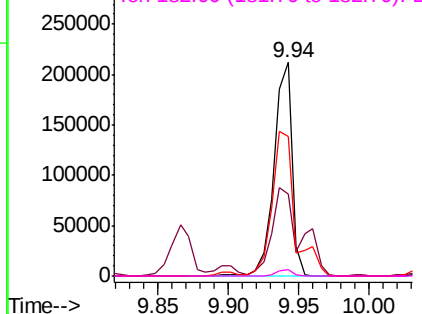


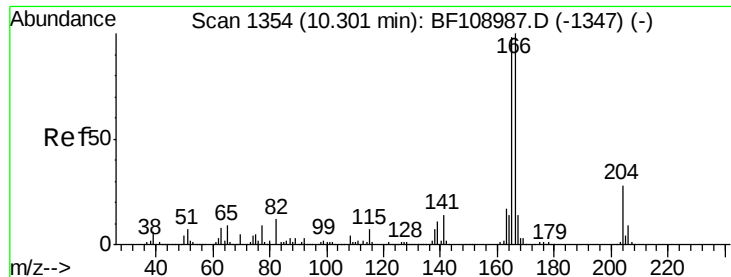
#56
2,4-Dinitrotoluene
Concen: 38.038 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion:165 Resp: 190211
Ion Ratio Lower Upper
165 100
63 38.4 36.4 54.6
89 65.1 57.8 86.6
182 2.7 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: 45.002 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

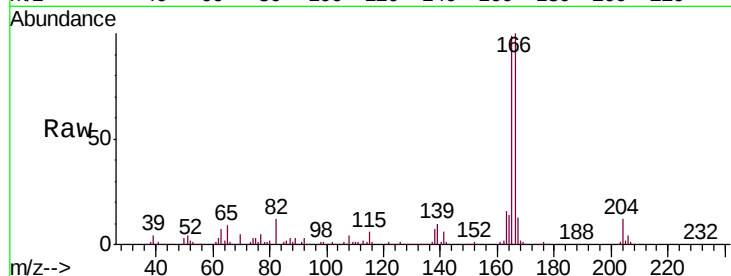
Tgt Ion:166 Resp: 628868

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

167 13.4 10.6 16.0

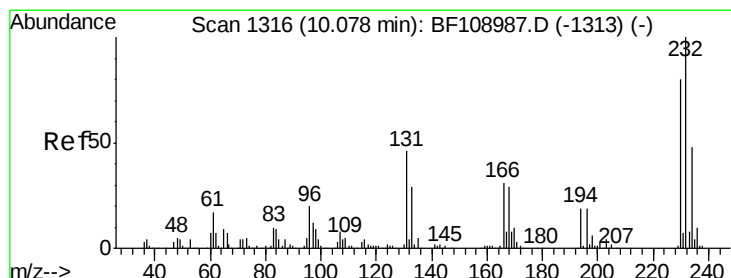
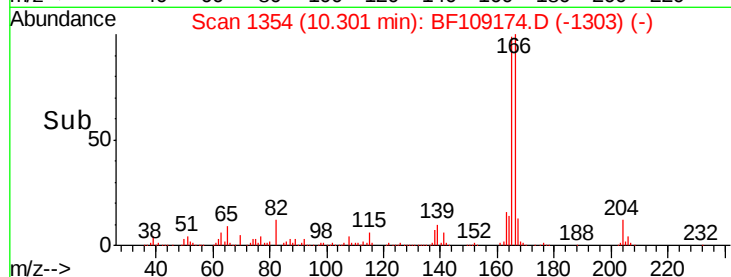
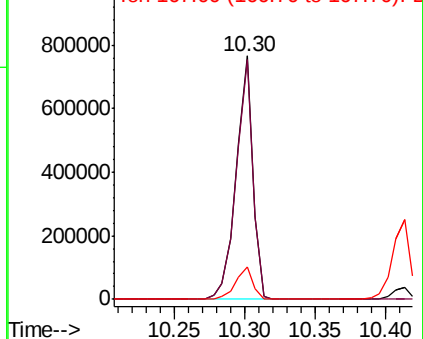


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.640 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Tgt Ion:232 Resp: 157381

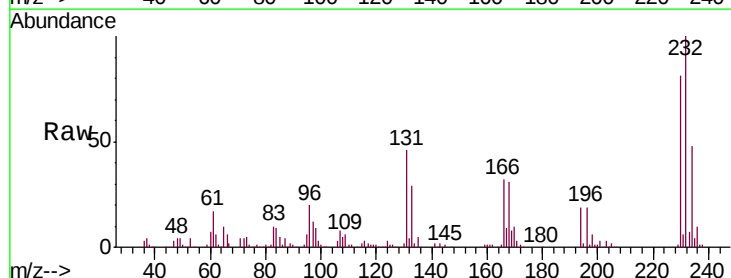
Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 2.2 2.1 3.1

166 30.7 27.8 41.6



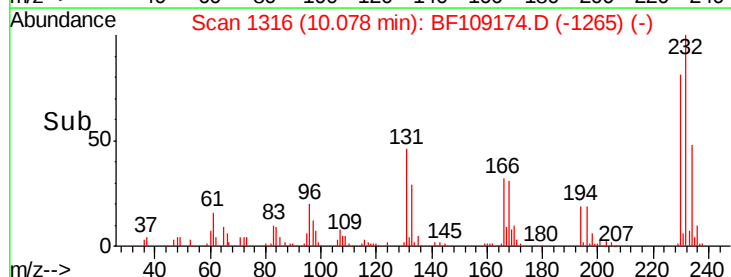
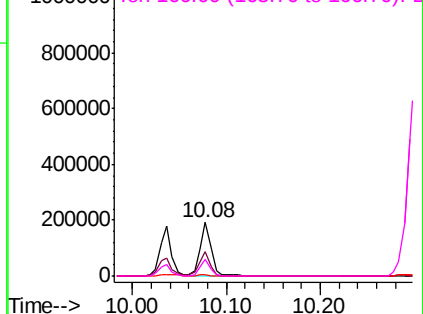
Abundance

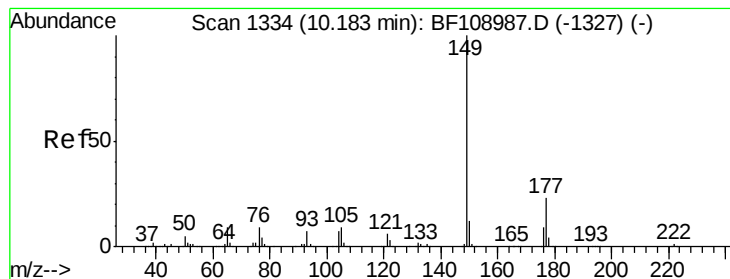
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.817 ng

RT: 10.18 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

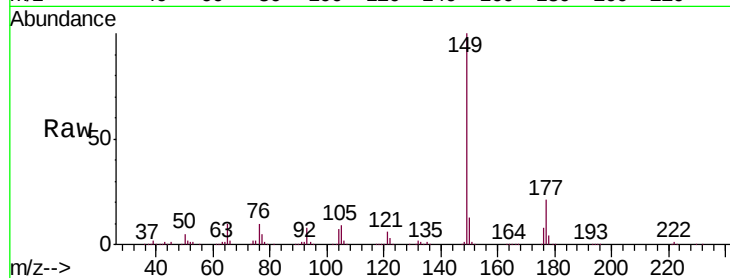
Tgt Ion:149 Resp: 762898

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

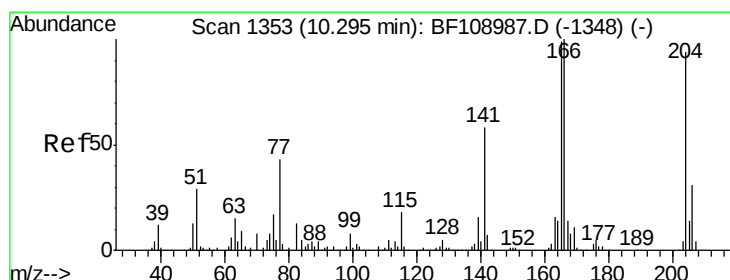
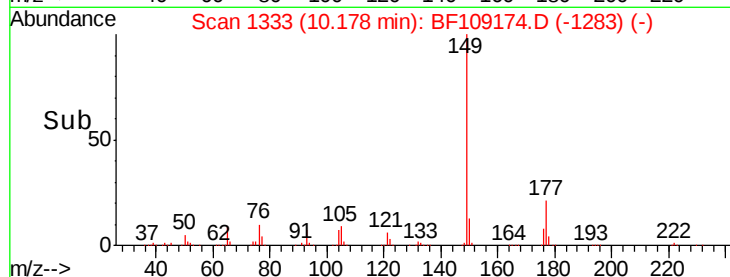
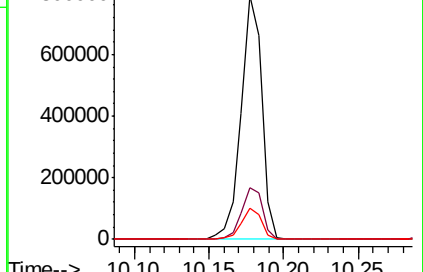
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.990 ng

RT: 10.30 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

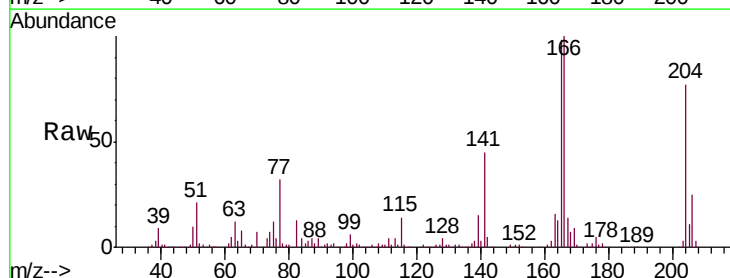
Tgt Ion:204 Resp: 314200

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

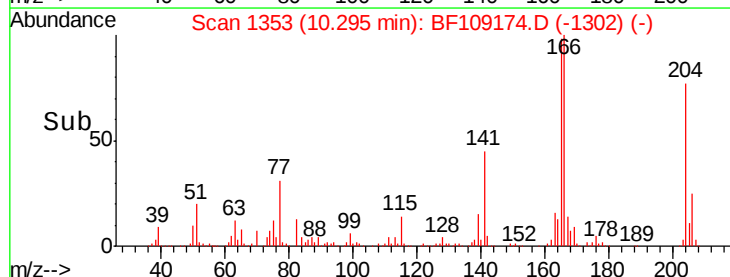
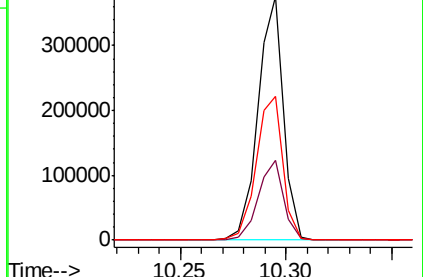
141 59.2 54.6 81.8

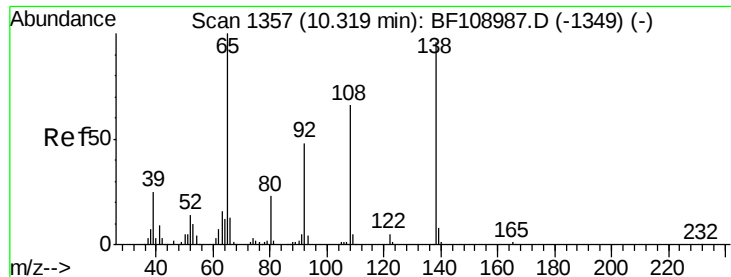


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

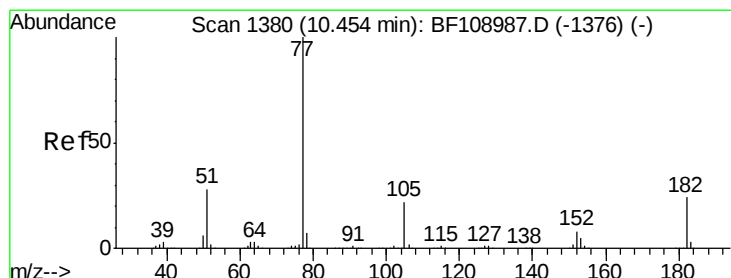
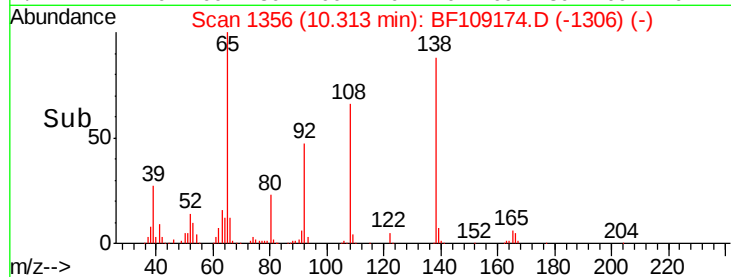
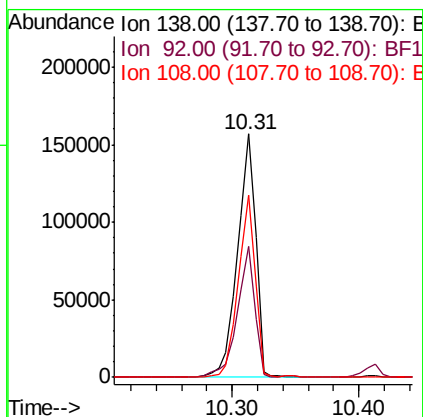
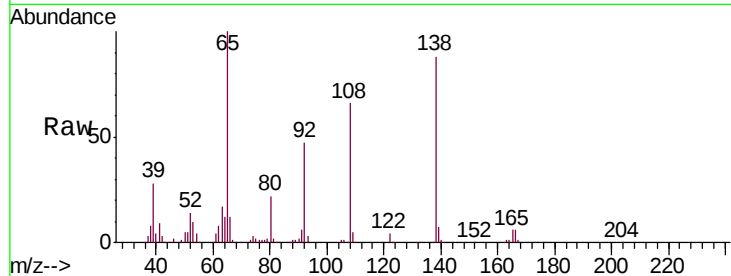




#61
4-Nitroaniline
Concen: 36.207 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

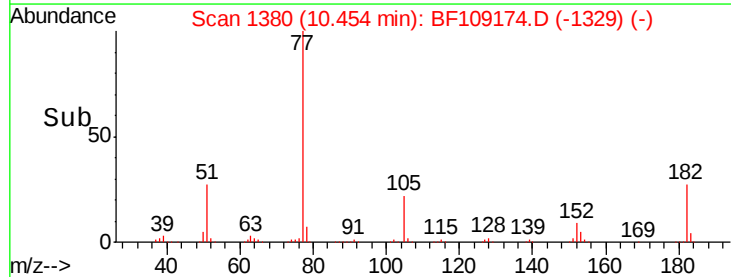
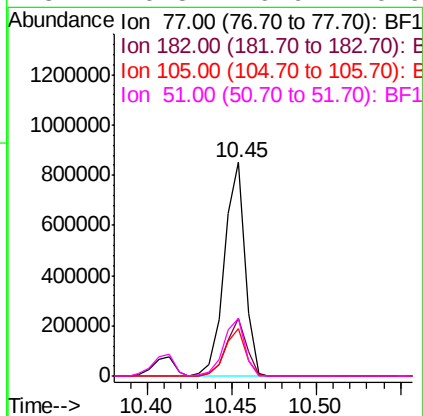
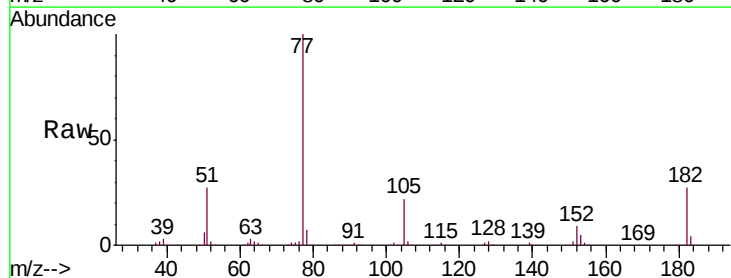
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

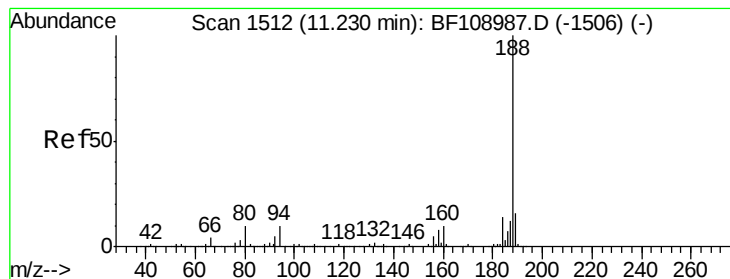
Tgt Ion:138 Resp: 154879
Ion Ratio Lower Upper
138 100
92 53.6 30.2 70.2
108 75.0 52.5 92.5



#62
Azobenzene
Concen: 40.516 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion: 77 Resp: 722101
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 22.2 3.0 43.0
51 26.8 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: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

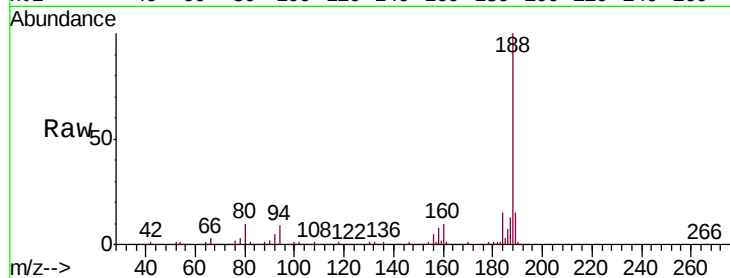
Tgt Ion:188 Resp: 402957

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

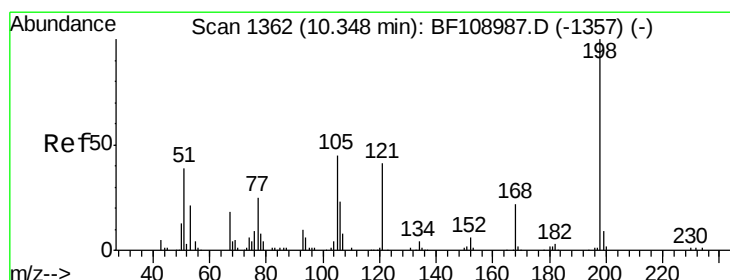
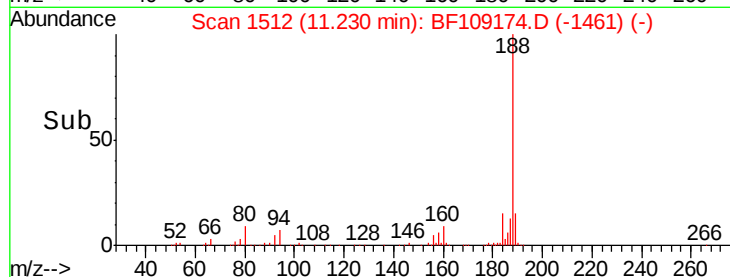
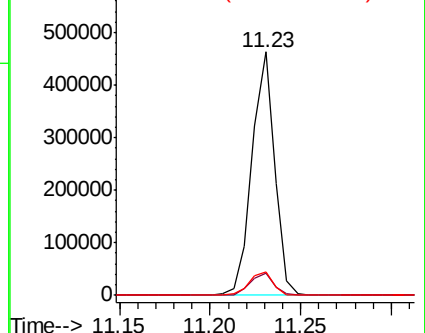
80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 11.850 ng

RT: 10.35 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

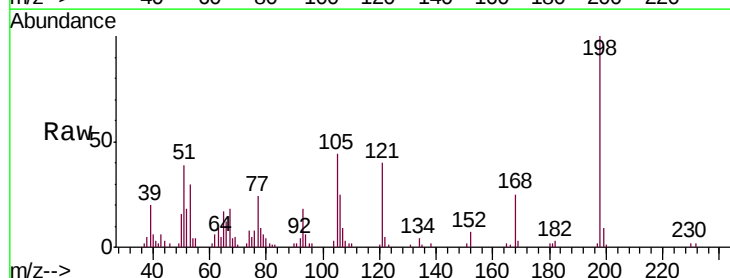
Tgt Ion:198 Resp: 22846

Ion Ratio Lower Upper

198 100

51 39.0 37.7 77.7

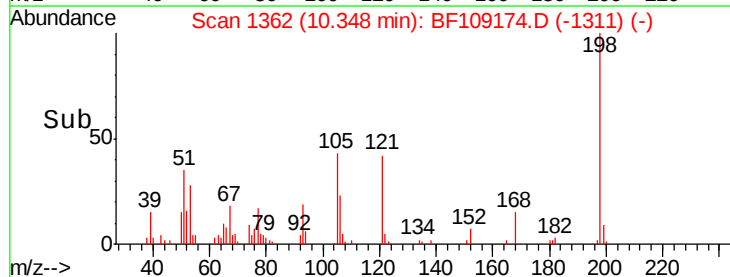
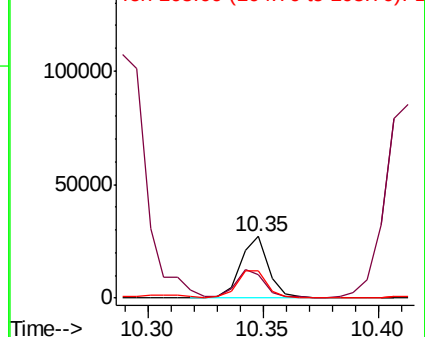
105 43.7 36.3 76.3

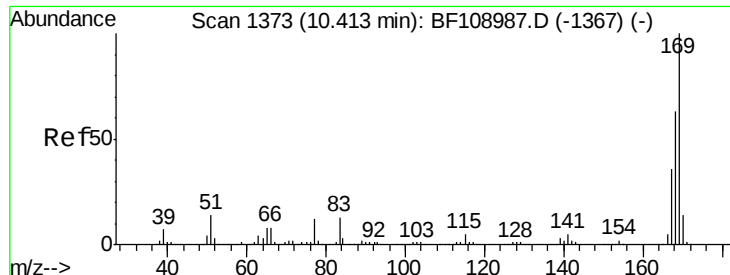


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

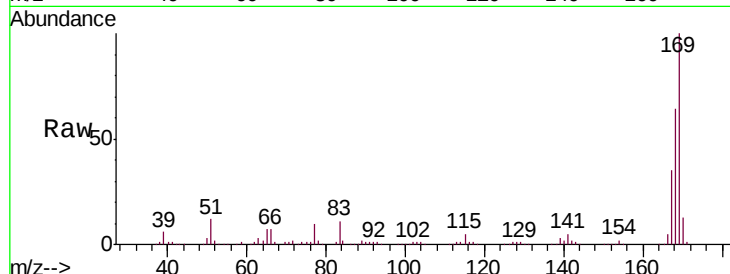




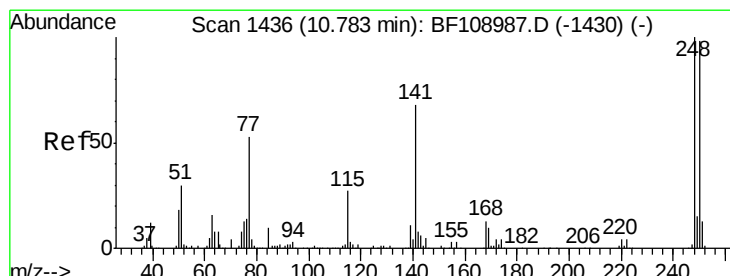
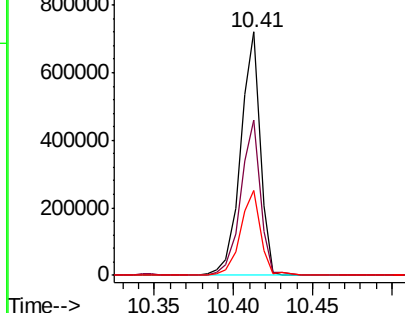
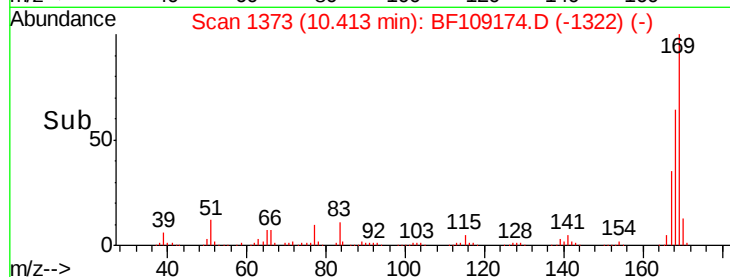
#65
 n-Nitrosodiphenylamine
 Concen: 46.575 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	34.9	29.8	44.6

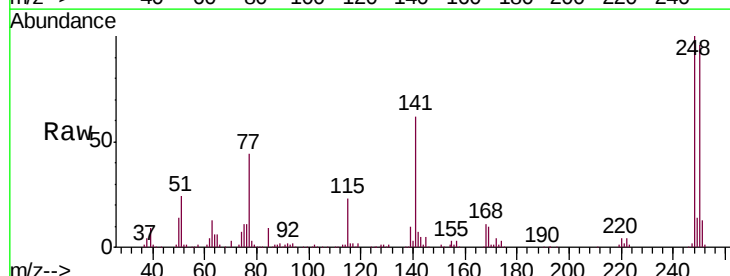


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

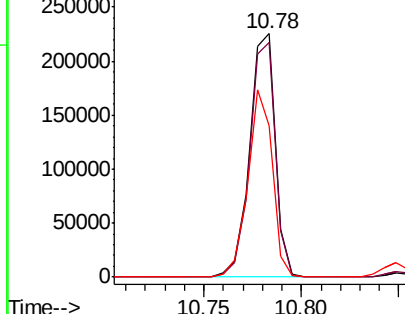
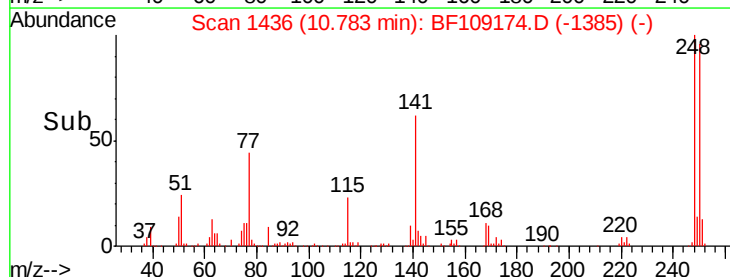


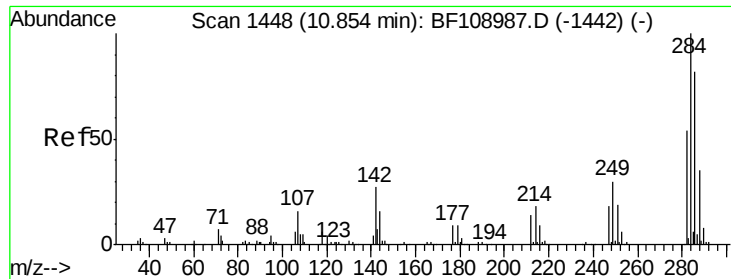
#66
 4-Bromophenyl-phenylether
 Concen: 45.149 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	62.0	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

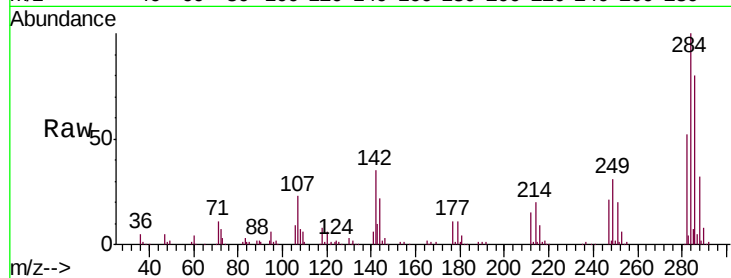




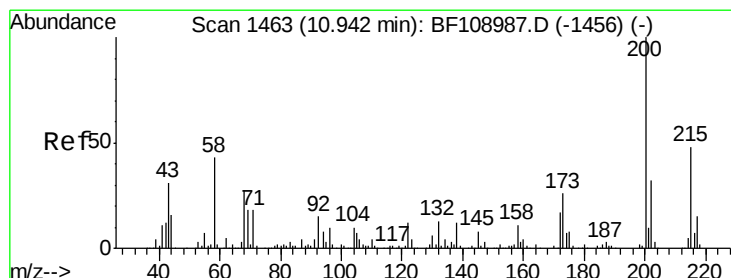
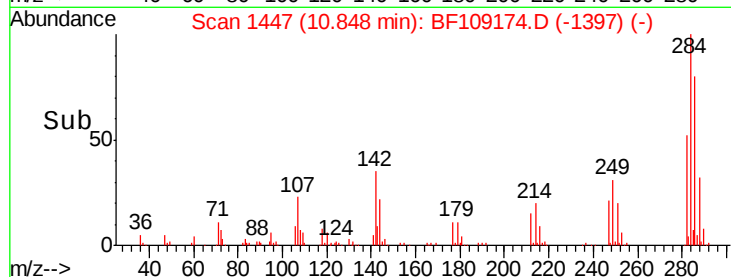
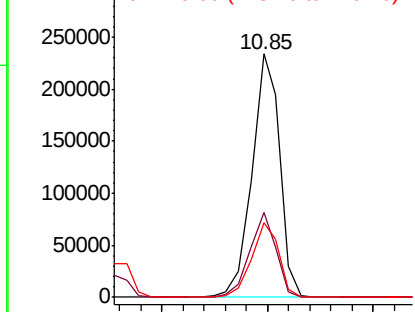
#67
Hexachlorobenzene
Concen: 43.713 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Instrument :
BNA_F
ClientSampleId :
PB112951BSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	34.6	52.0
249	30.9	24.8	37.2

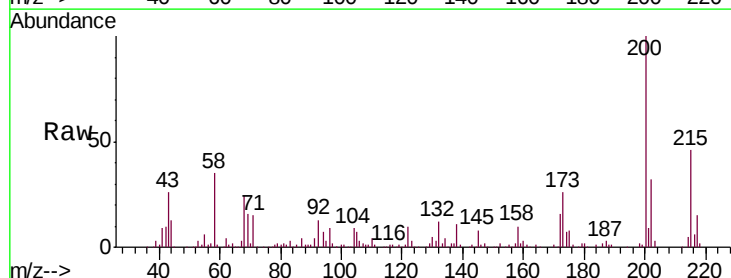


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

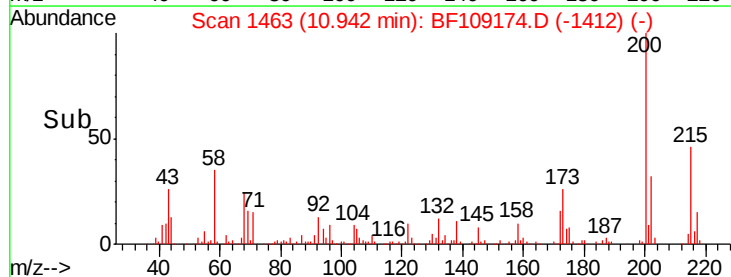
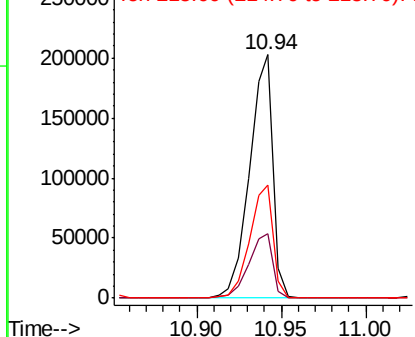


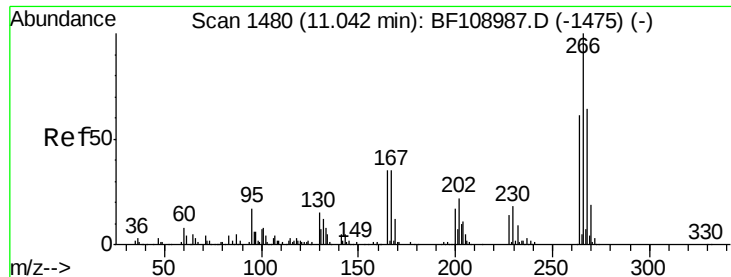
#68
Atrazine
Concen: 46.289 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	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

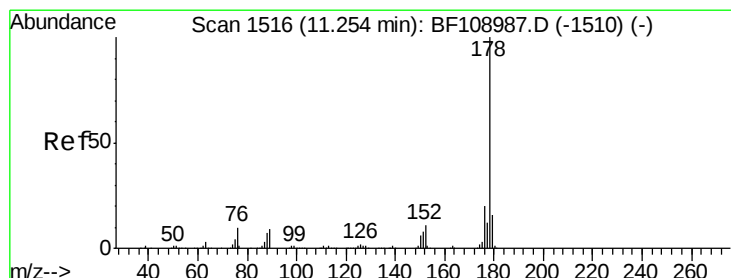
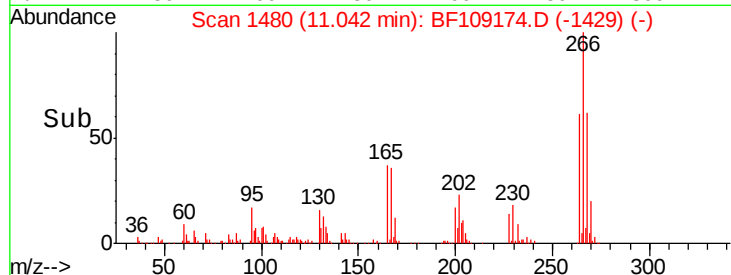
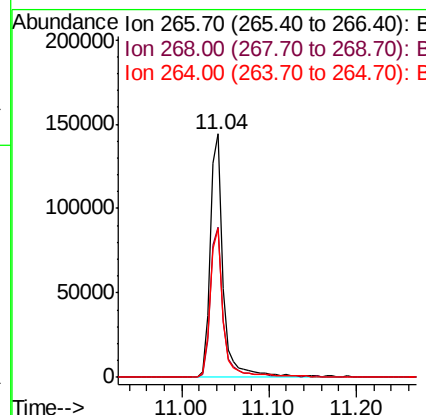
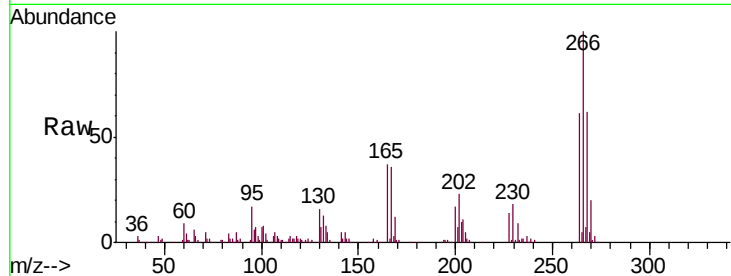




#69
 Pentachlorophenol
 Concen: 48.537 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

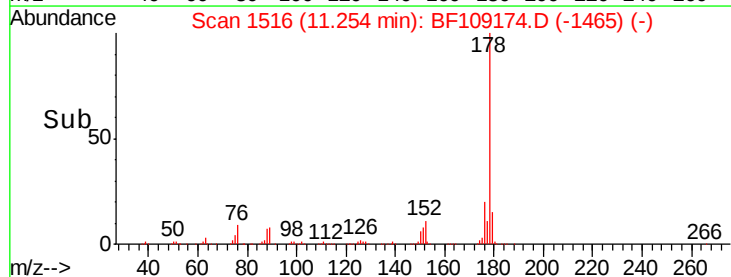
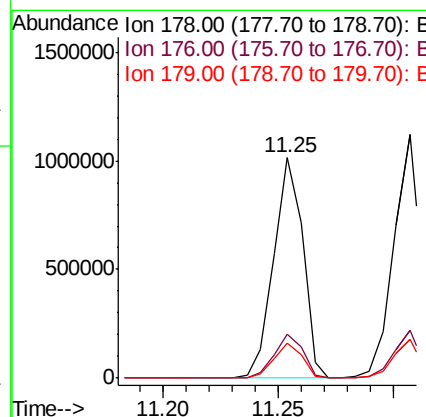
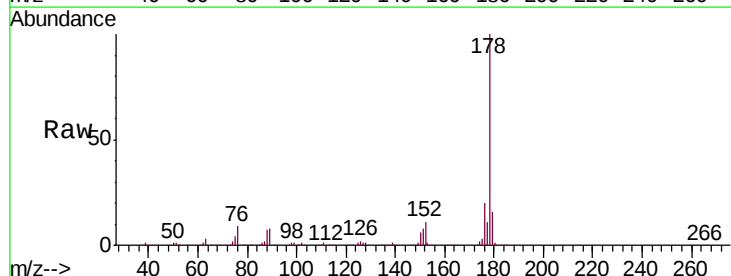
Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

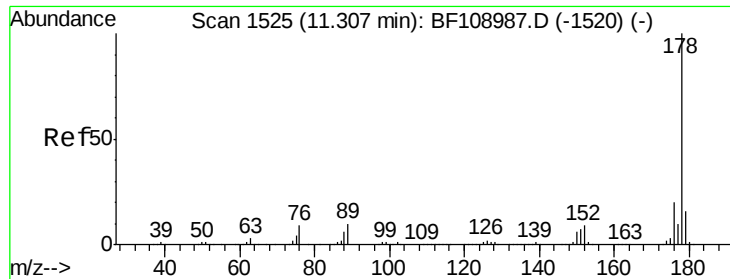
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	61.4	49.5	74.3



#70
 Phenanthrene
 Concen: 45.361 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

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

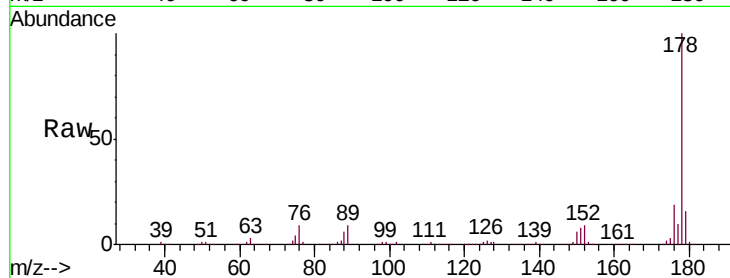




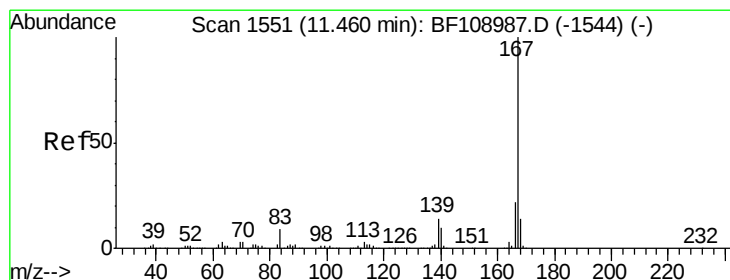
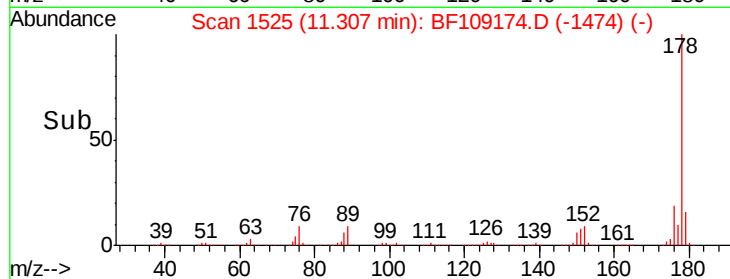
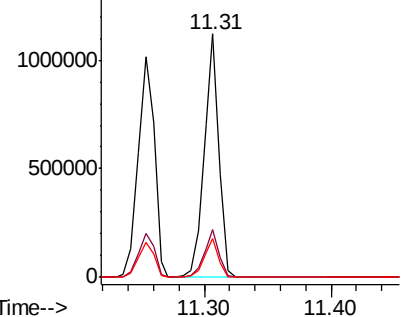
#71
 Anthracene
 Concen: 45.745 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.6	19.0

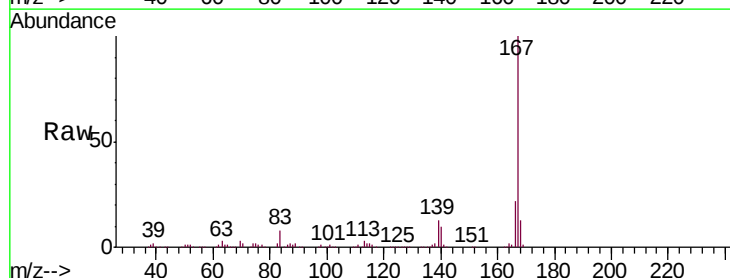


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

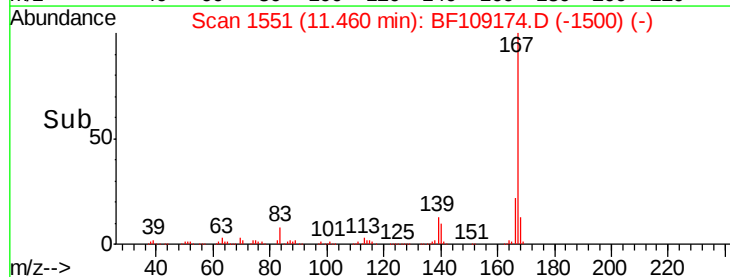
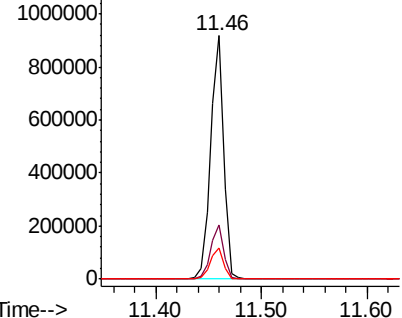


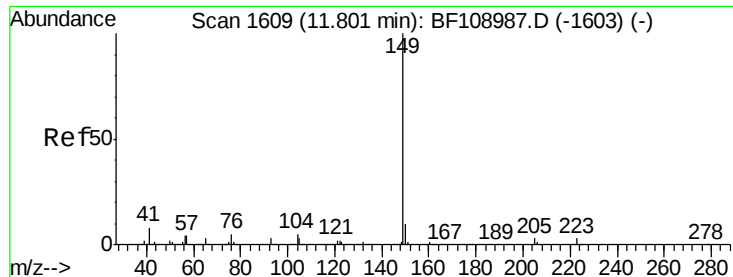
#72
 Carbazole
 Concen: 40.232 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.0	10.9	16.3



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





#73

Di-n-butylphthalate

Concen: 43.865 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

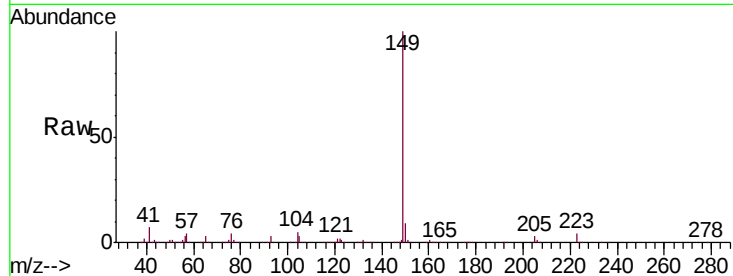
Tgt Ion:149 Resp: 1017772

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

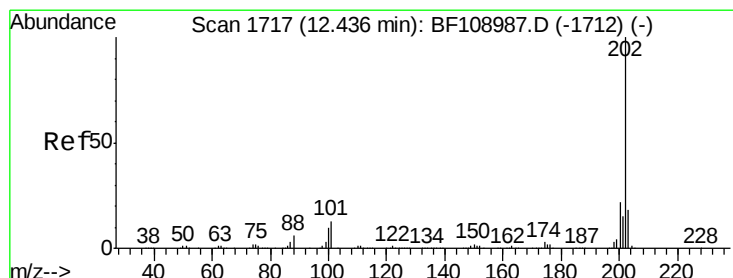
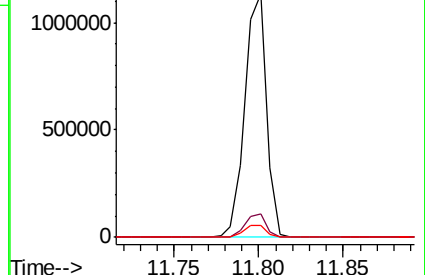
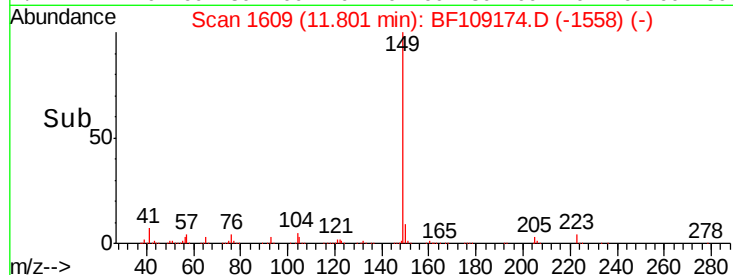
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.419 ng

RT: 12.44 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

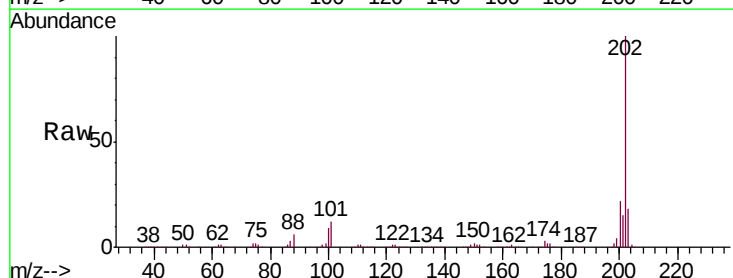
Tgt Ion:202 Resp: 884573

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

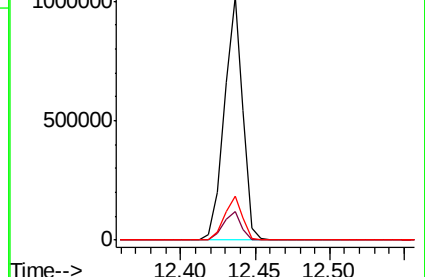
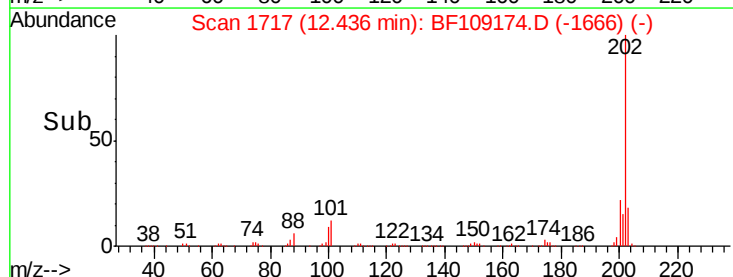
203 18.2 0.0 38.1

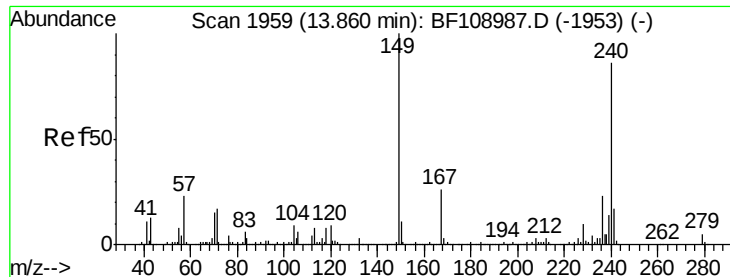


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

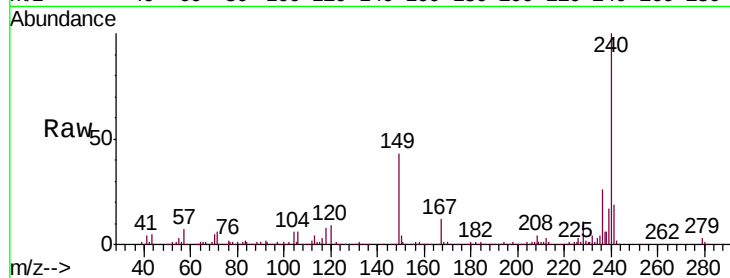
Tgt Ion:240 Resp: 305580

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

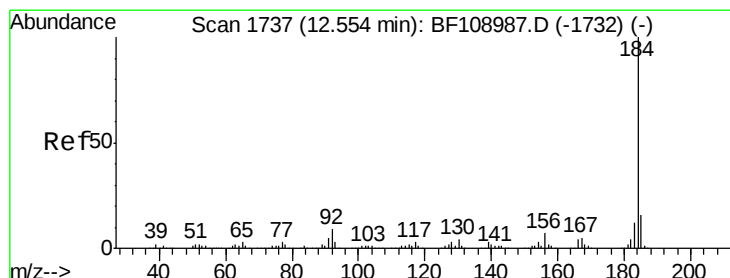
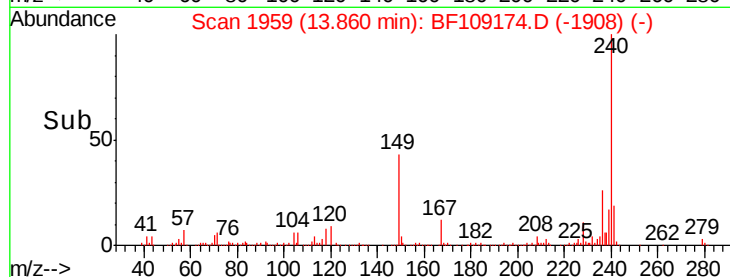
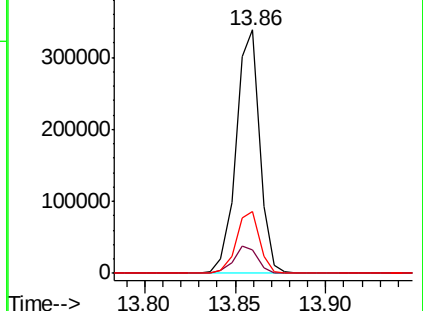
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.839 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

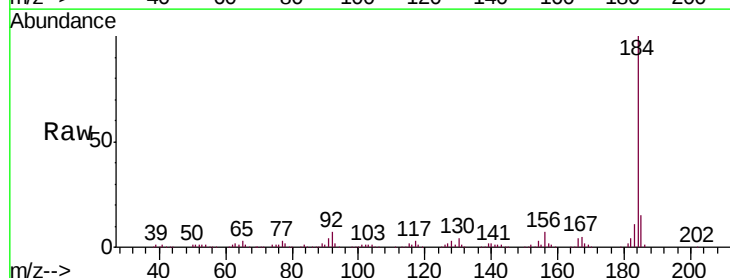
Tgt Ion:184 Resp: 279503

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

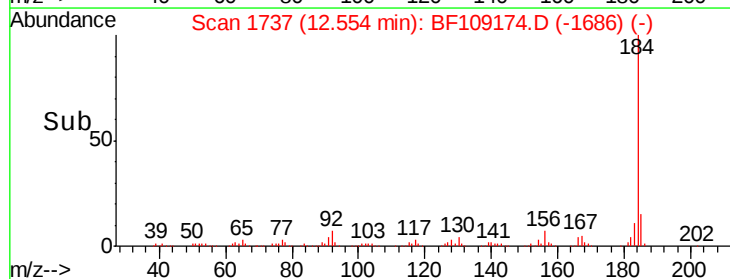
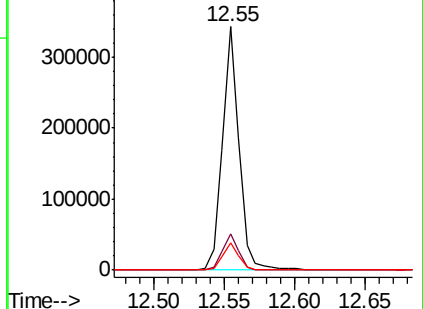
183 11.2 9.3 13.9

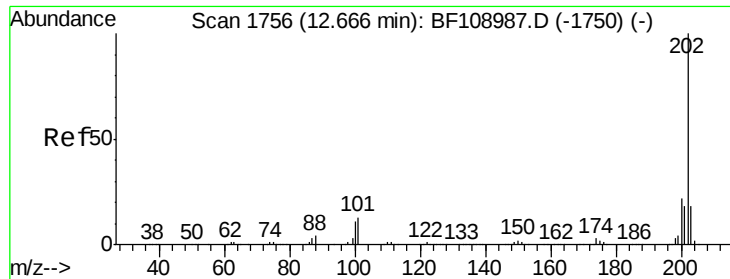


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

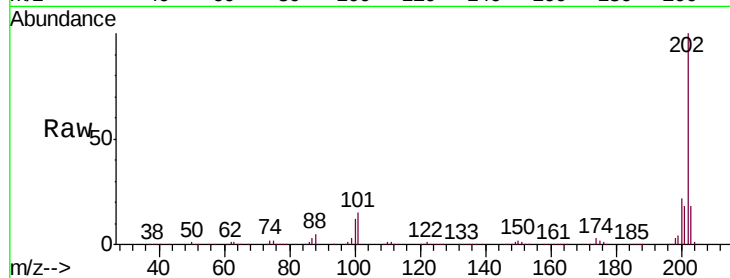




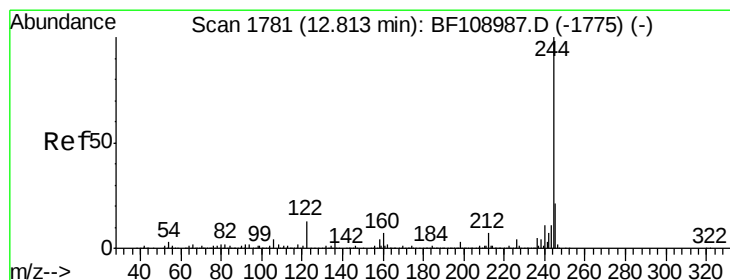
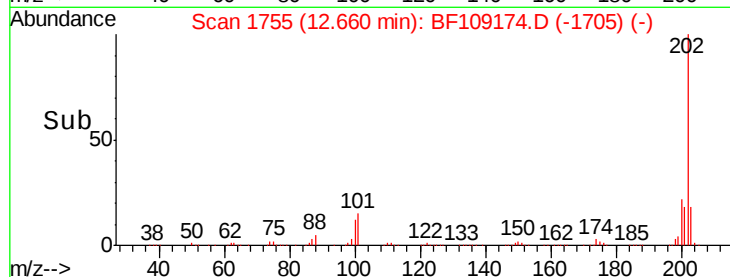
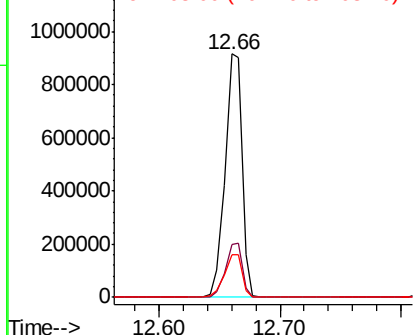
#77
 Pyrene
 Concen: 39.315 ng
 RT: 12.66 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.3	21.5

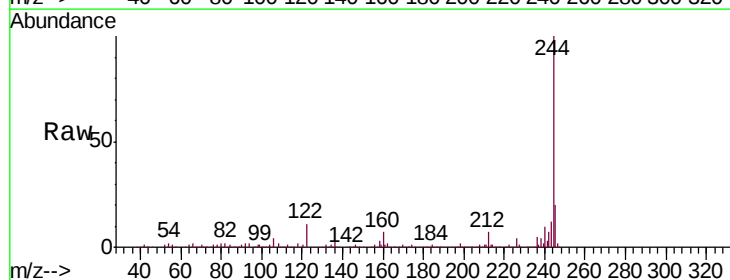


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

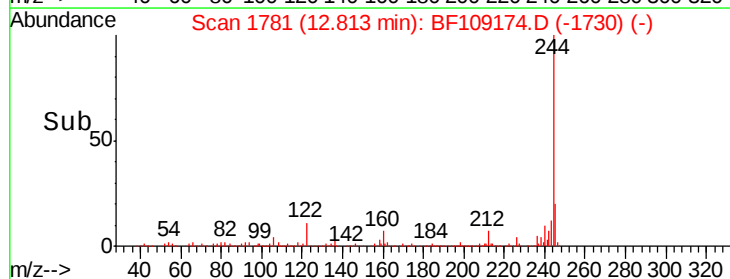
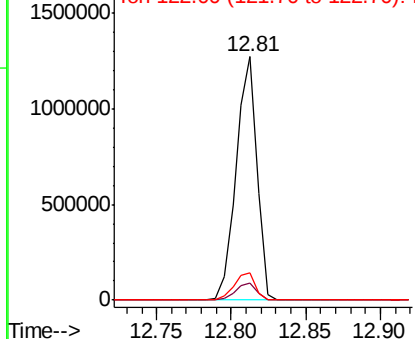


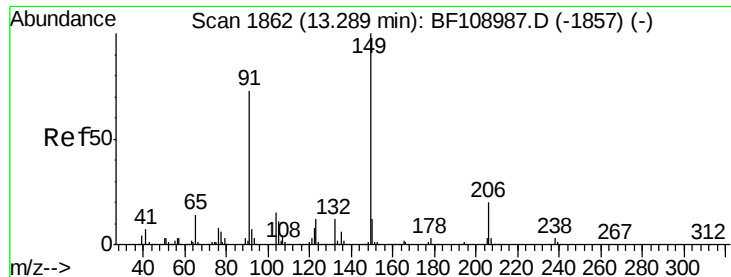
#78
 Terphenyl-d14
 Concen: 96.604 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.2	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

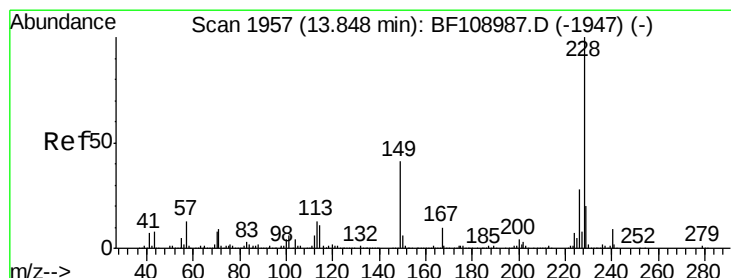
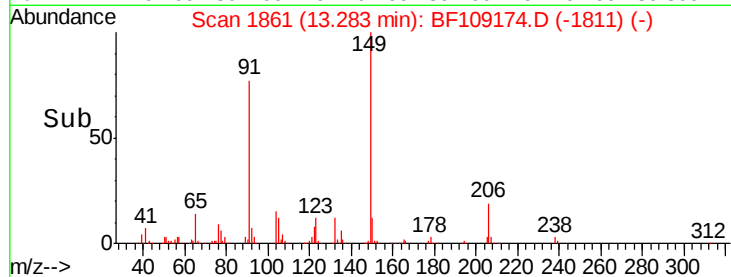
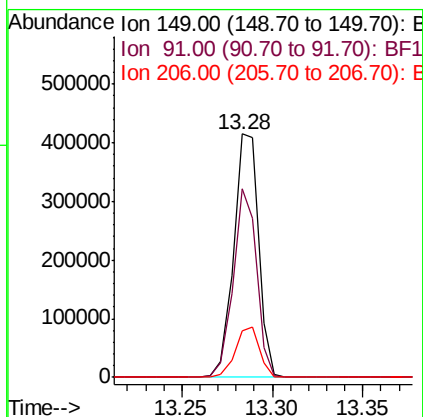
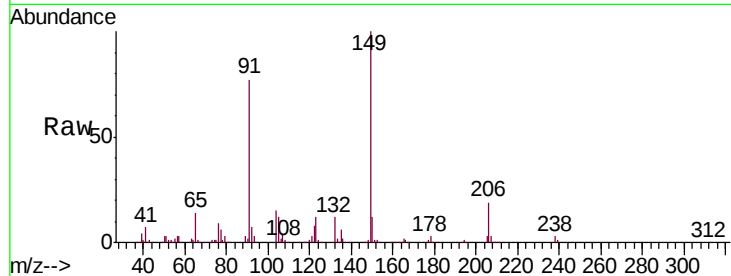




#79
Butylbenzylphthalate
Concen: 39.173 ng
RT: 13.28 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

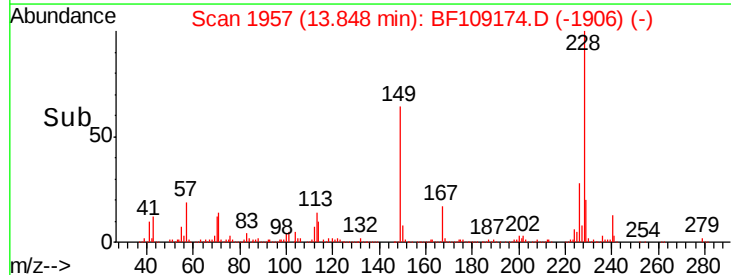
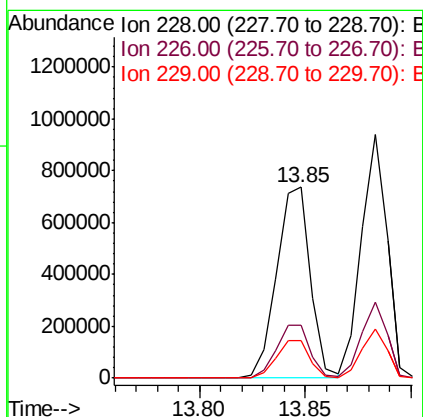
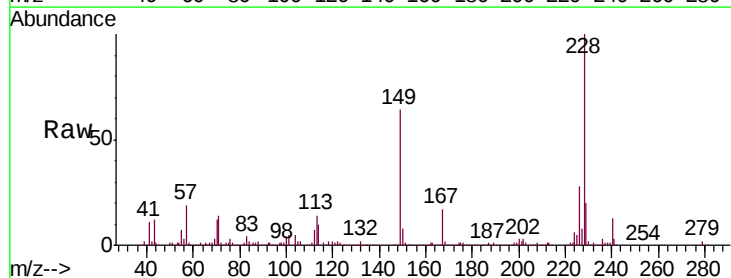
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

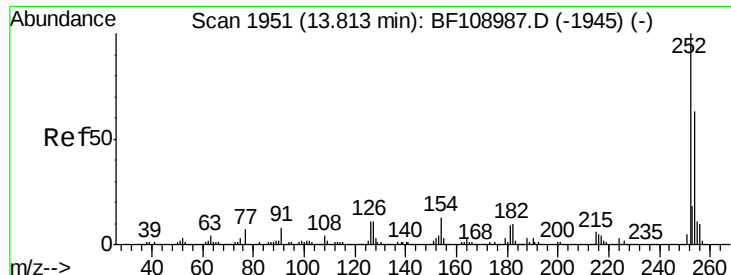
Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.5	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.219 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6

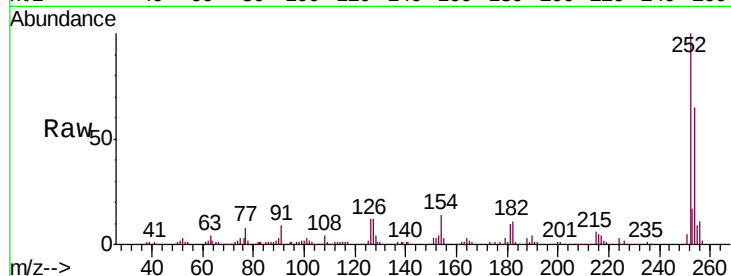




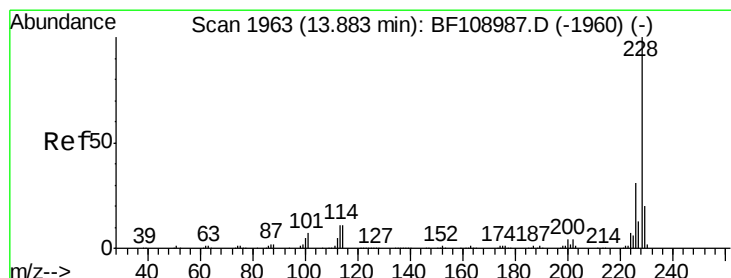
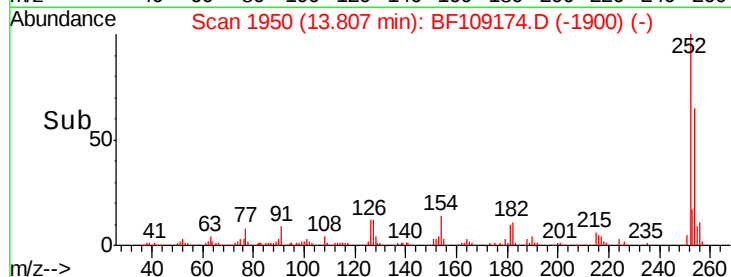
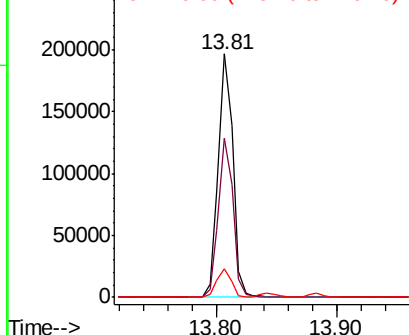
#81
 3,3'-Dichlorobenzidine
 Concen: 21.878 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	11.9	11.3	16.9

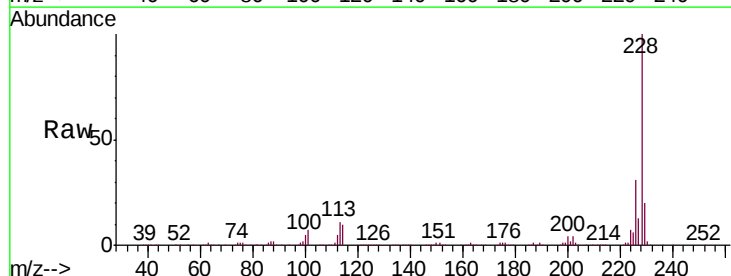


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

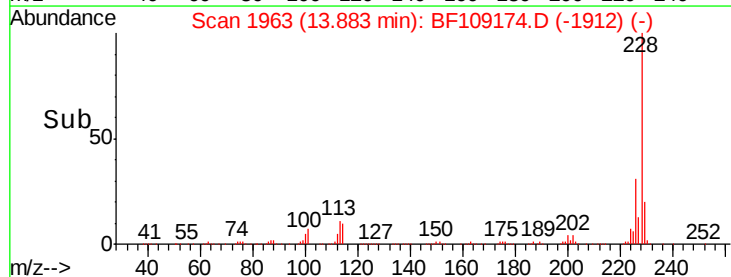
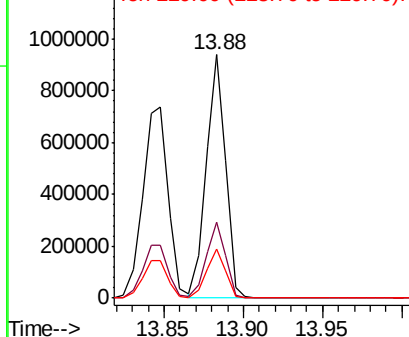


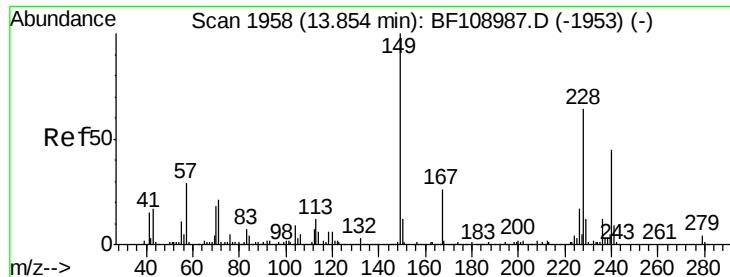
#82
 Chrysene
 Concen: 43.340 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BF109174.D
 Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	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: 40.673 ng

RT: 13.85 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

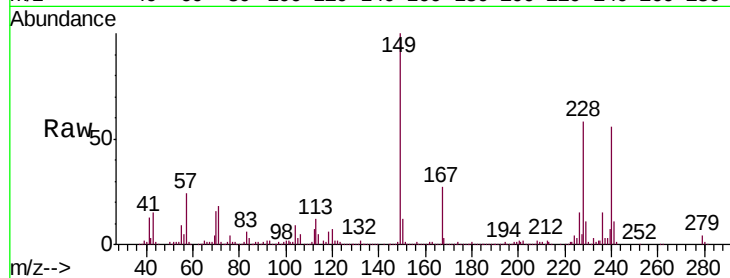
Tgt Ion:149 Resp: 499271

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

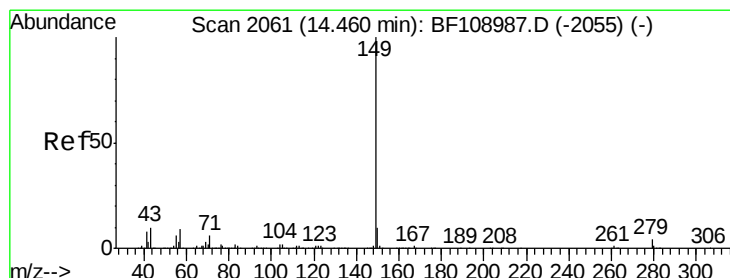
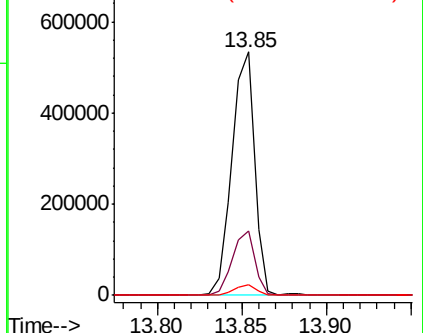
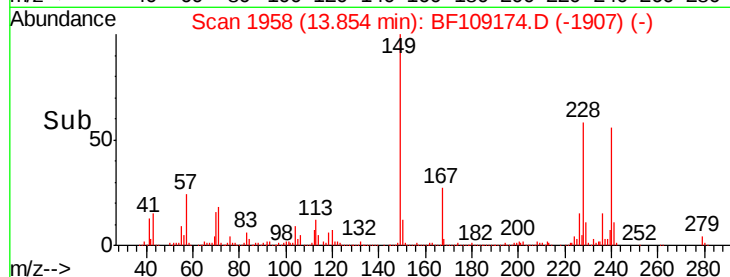
279 4.2 3.0 4.4



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: 46.718 ng

RT: 14.46 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

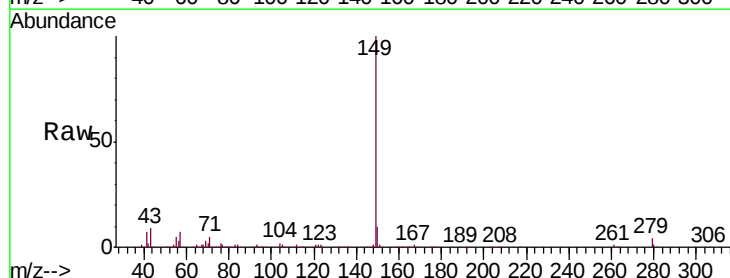
Tgt Ion:149 Resp: 972576

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

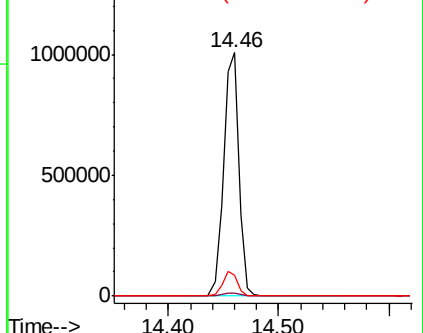
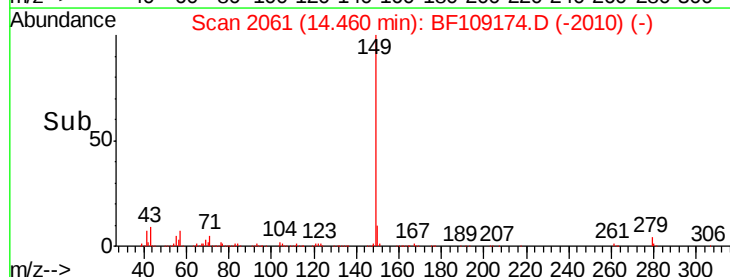
43 9.8 8.4 12.6

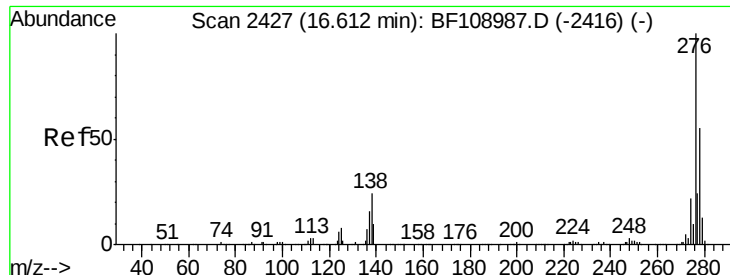


Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.187 ng

RT: 16.61 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

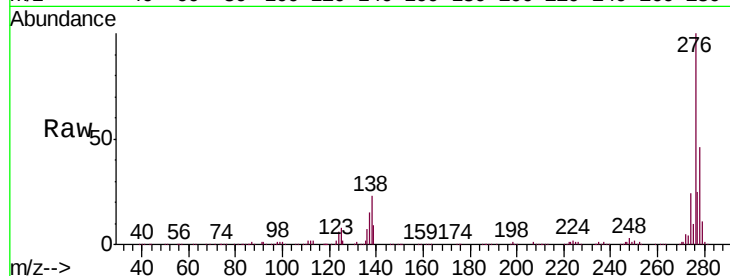
Tgt Ion:276 Resp: 713105

Ion Ratio Lower Upper

276 100

138 24.5 25.0 37.6#

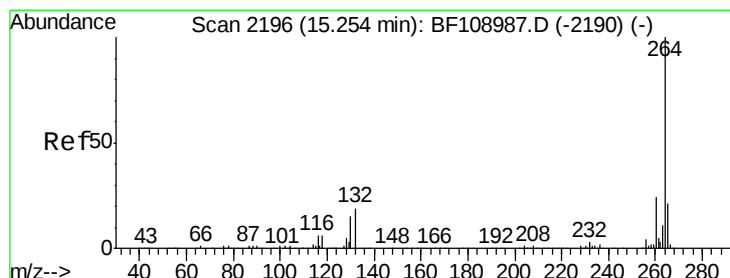
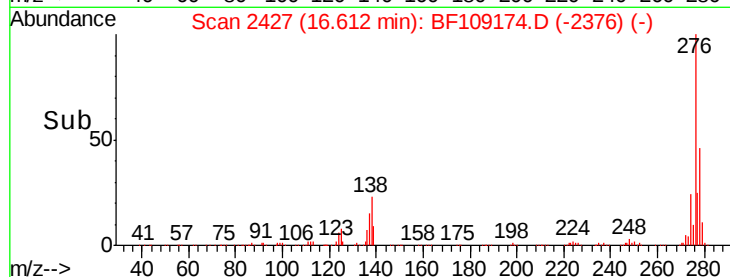
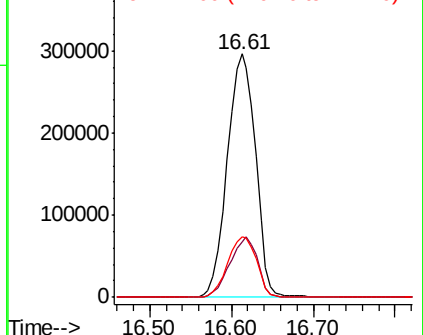
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

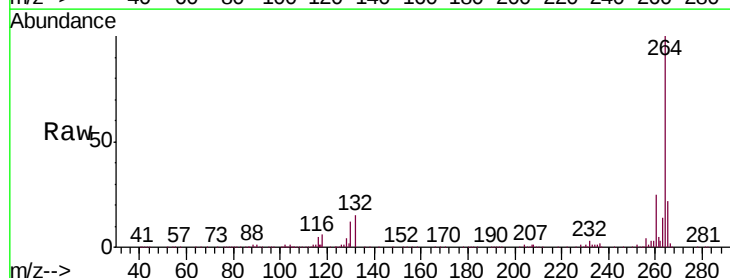
Tgt Ion:264 Resp: 318656

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

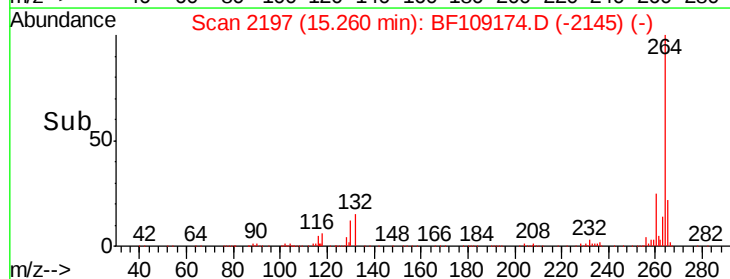
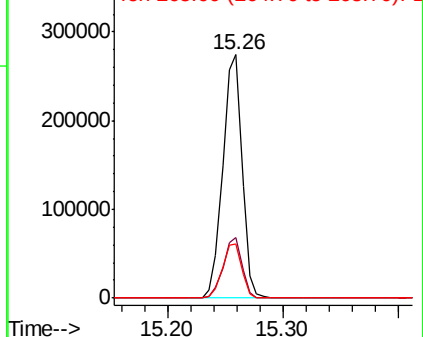
265 22.1 17.5 26.3

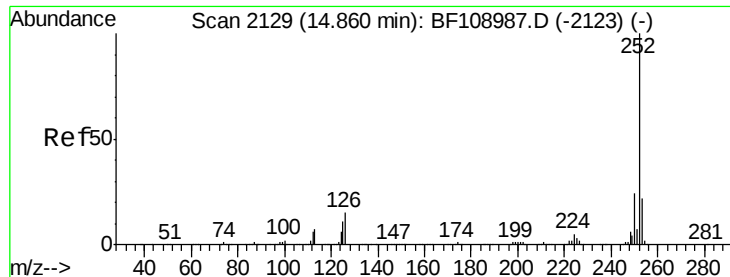


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

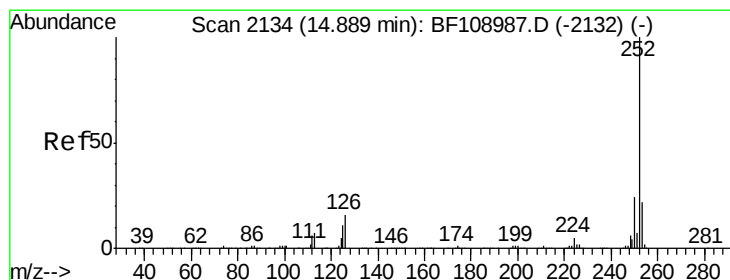
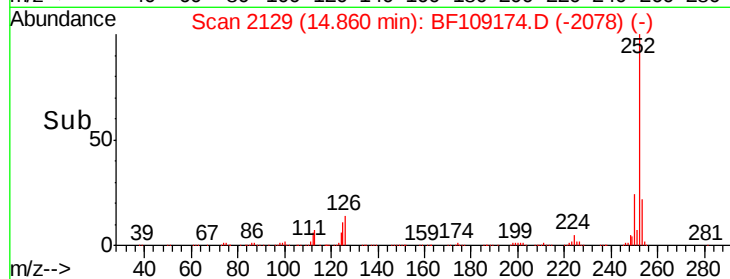
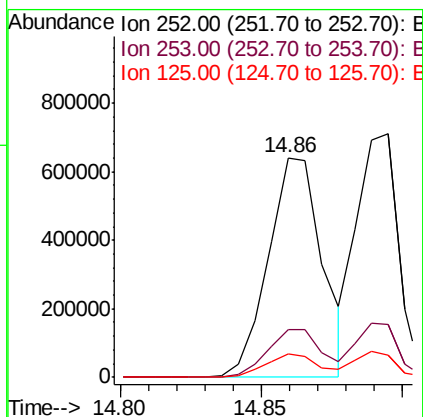
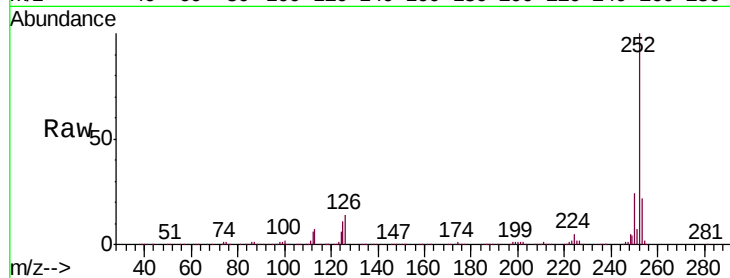




#87
Benzo(b)fluoranthene
Concen: 48.260 ng
RT: 14.86 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

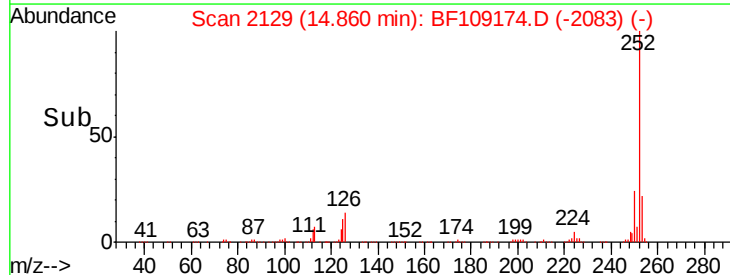
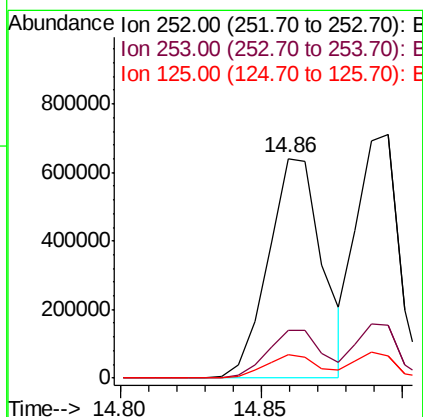
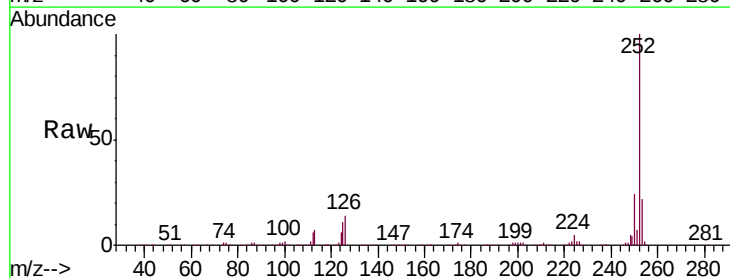
Instrument :
BNA_F
ClientSampleId :
PB112951BSD

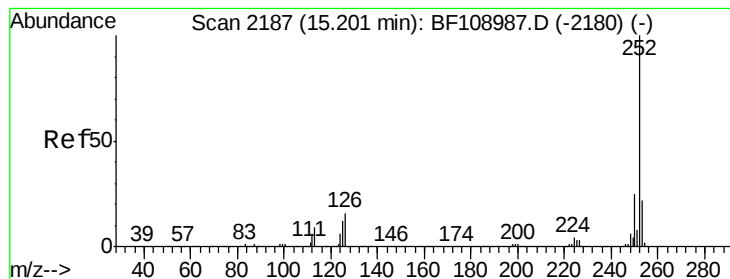
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 51.669 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BF109174.D
Acq: 20 Sep 2018 5:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 47.318 ng

RT: 15.20 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD

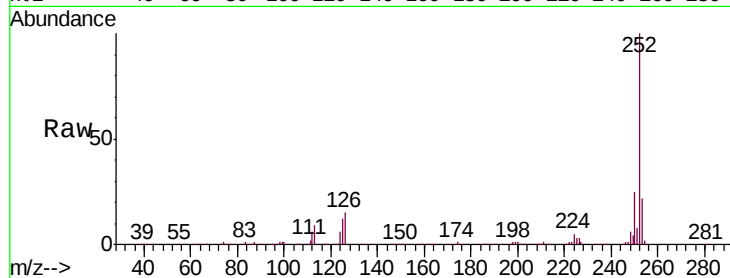
Tgt Ion:252 Resp: 740793

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

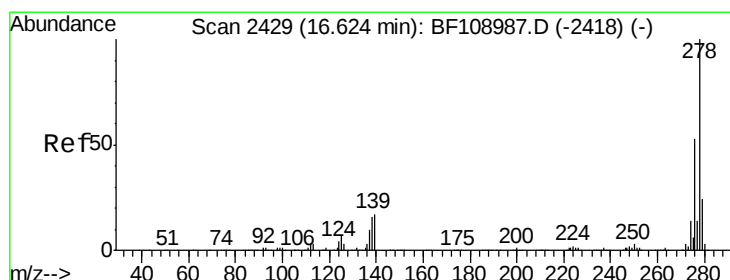
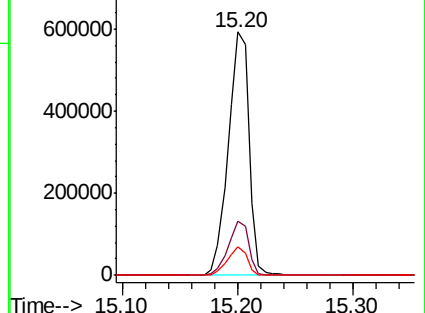
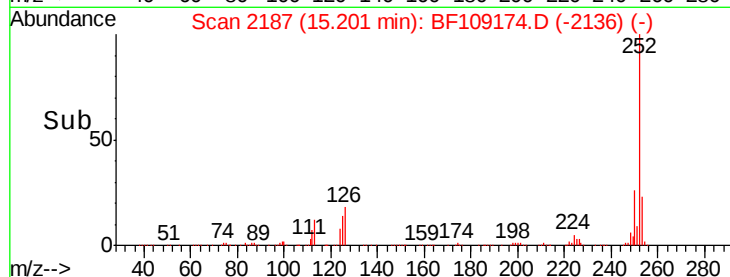
125 11.7 9.8 14.6



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: 45.376 ng

RT: 16.63 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BF109174.D

Acq: 20 Sep 2018 5:05

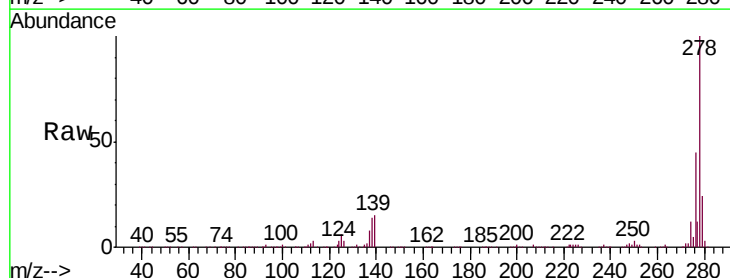
Tgt Ion:278 Resp: 596829

Ion Ratio Lower Upper

278 100

139 14.6 15.9 23.9#

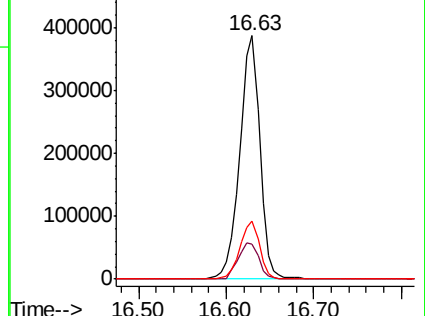
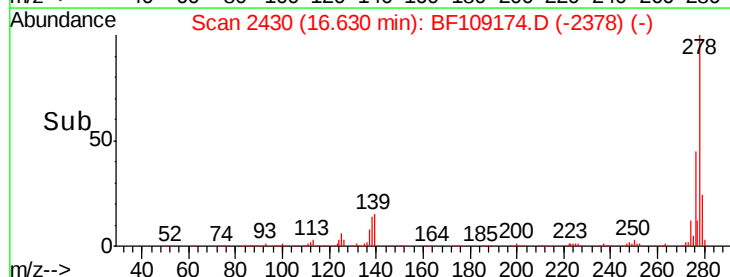
279 23.8 19.0 28.4

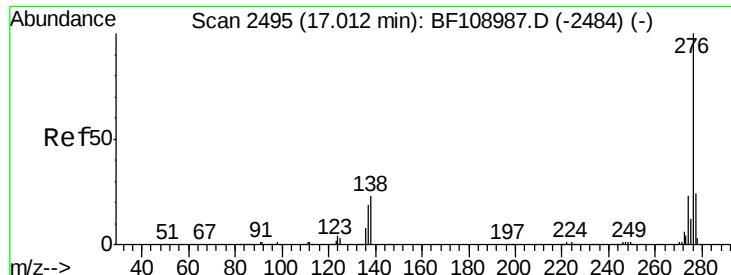


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.788 ng

RT: 17.02 min Scan# 2496

Delta R.T. 0.01 min

Lab File: BF109174.D

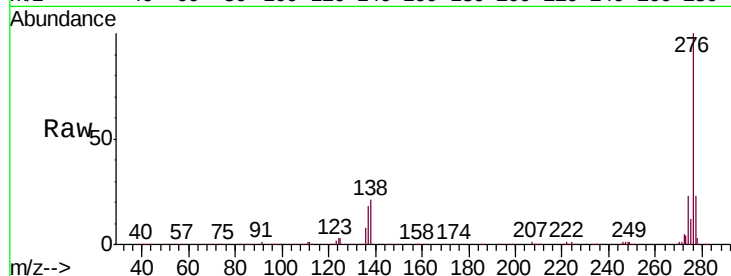
Acq: 20 Sep 2018 5:05

Instrument :

BNA_F

ClientSampleId :

PB112951BSD



Tgt Ion: 276 Resp: 575804

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 20.6 21.8 32.8#

Abundance Ion 276.00 (275.70 to 276.70): E
 400000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

