

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109007.D
 Acq On : 14 Sep 2018 20:52
 Operator : JU/SJ
 Sample : J4906-29MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Quant Time: Sep 15 00:10:04 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	150441	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	589744	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	291040	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	580682	20.00	ng	0.00
75) Chrysene-d12	13.85	240	432133	20.00	ng	0.00
86) Perylene-d12	15.25	264	428725	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	567706	62.68	ng	0.00
7) Phenol-d6	6.35	99	743391	63.65	ng	0.00
23) Nitrobenzene-d5	7.28	82	448303	42.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	205131	64.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	807596	43.47	ng	0.00
78) Terphenyl-d14	12.81	244	890177	48.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	76048	17.638	ng	94
3) Pyridine	3.12	79	212387	18.582	ng	90
4) n-Nitrosodimethylamine	3.03	42	97900	22.679	ng	92
6) Aniline	6.38	93	289845	19.200	ng	96
8) 2-Chlorophenol	6.50	128	219755	21.679	ng	97
9) Benzaldehyde	6.26	77	101066	13.549	ng	98
10) Phenol	6.37	94	302037	22.983	ng	95
11) bis(2-Chloroethyl)ether	6.45	93	210453	20.355	ng	97
12) 1,3-Dichlorobenzene	6.66	146	231163	19.941	ng	99
13) 1,4-Dichlorobenzene	6.74	146	232870	20.024	ng	99
14) 1,2-Dichlorobenzene	6.89	146	223476	20.728	ng	99
15) Benzyl Alcohol	6.86	79	195343	22.030	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	303902	20.515	ng	96
17) 2-Methylphenol	6.97	107	183876	22.234	ng	97
18) Hexachloroethane	7.24	117	83513	19.772	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	156038	20.211	ng	99
20) 3+4-Methylphenols	7.12	107	225683	22.659	ng	# 61
22) Acetophenone	7.12	105	297518	22.214	ng	# 93
24) Nitrobenzene	7.30	77	231662	21.370	ng	98
25) Isophorone	7.54	82	430323	23.809	ng	99
26) 2-Nitrophenol	7.62	139	108120	21.359	ng	93
27) 2,4-Dimethylphenol	7.66	122	198764	25.032	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	275021	22.612	ng	98
29) 2,4-Dichlorophenol	7.85	162	189526	22.399	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	189448	20.712	ng	97
31) Naphthalene	8.02	128	630320	23.028	ng	99
32) Benzoic acid	7.72	122	22459	4.329	ng	95
33) 4-Chloroaniline	8.07	127	227643	18.705	ng	100
34) Hexachlorobutadiene	8.15	225	109435	19.598	ng	96
35) Caprolactam	8.44	113	23206	8.412	ng	# 86
36) 4-Chloro-3-methylphenol	8.55	107	202896	22.778	ng	97
37) 2-Methylnaphthalene	8.71	142	430432	24.123	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	184750	20.169	ng	98
40) Hexachlorocyclopentadiene	8.87	237	178509	38.678	ng	99

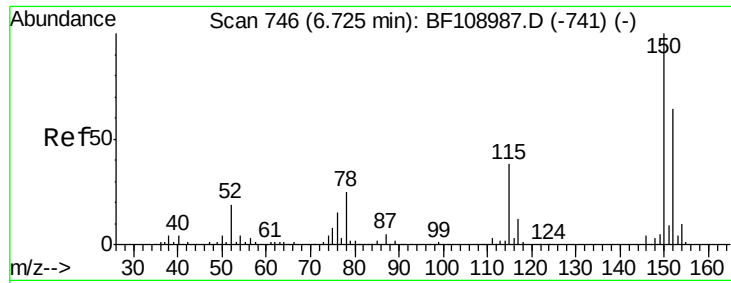
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109007.D
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 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	140059	22.748	ng	97
43) 2,4,5-Trichlorophenol	9.02	196	149279	23.201	ng	98
45) 1,1'-Biphenyl	9.18	154	505117	21.693	ng	99
46) 2-Chloronaphthalene	9.20	162	395733	21.222	ng	96
47) 2-Nitroaniline	9.29	65	129032	22.508	ng	98
48) Acenaphthylene	9.61	152	652151	23.196	ng	99
49) Dimethylphthalate	9.48	163	561657	27.001	ng	100
50) 2,6-Dinitrotoluene	9.53	165	104331	22.616	ng	97
51) Acenaphthene	9.78	154	387332	22.124	ng	98
52) 3-Nitroaniline	9.70	138	110277	20.301	ng	94
53) 2,4-Dinitrophenol	9.80	184	30608	17.216	ng	# 21
54) Dibenzofuran	9.95	168	559099	22.100	ng	99
55) 4-Nitrophenol	9.86	139	180541	45.111	ng	99
56) 2,4-Dinitrotoluene	9.93	165	140662	23.315	ng	96
57) Fluorene	10.30	166	422121	25.038	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	124296	23.331	ng	88
59) Diethylphthalate	10.18	149	473631	22.547	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	197570	21.885	ng	96
61) 4-Nitroaniline	10.31	138	115950	22.467	ng	94
62) Azobenzene	10.45	77	474195	22.053	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	41551	14.956	ng	94
65) n-Nitrosodiphenylamine	10.41	169	418282	22.021	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	135313	20.670	ng	# 89
67) Hexachlorobenzene	10.85	284	145159	20.730	ng	# 86
68) Atrazine	10.94	200	141982	23.351	ng	96
69) Pentachlorophenol	11.04	266	150167	33.519	ng	98
70) Phenanthrene	11.25	178	656640	23.068	ng	99
71) Anthracene	11.30	178	688090	23.847	ng	99
72) Carbazole	11.45	167	641186	22.447	ng	100
73) Di-n-butylphthalate	11.80	149	762712	22.811	ng	99
74) Fluoranthene	12.43	202	710042	23.628	ng	98
76) Benzidine	12.55	184	499144	32.630	ng	98
77) Pyrene	12.66	202	703675	21.923	ng	100
79) Butylbenzylphthalate	13.28	149	319513	22.287	ng	95
80) Benzo(a)anthracene	13.84	228	594528	22.724	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	194721	18.444	ng	97
82) Chrysene	13.88	228	563902	21.543	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	400659	23.081	ng	100
84) Di-n-octyl phthalate	14.46	149	699696	23.767	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	530655	25.357	ng	95
87) Benzo(b)fluoranthene	14.86	252	538350	22.698	ng	98
88) Benzo(k)fluoranthene	14.88	252	478305	21.591	ng	99
89) Benzo(a)pyrene	15.19	252	487982	23.167	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	446573	25.236	ng	96
91) Benzo(g,h,i)perylene	17.01	276	444231	25.109	ng	93

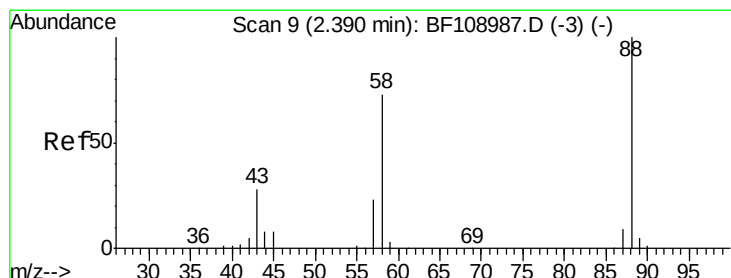
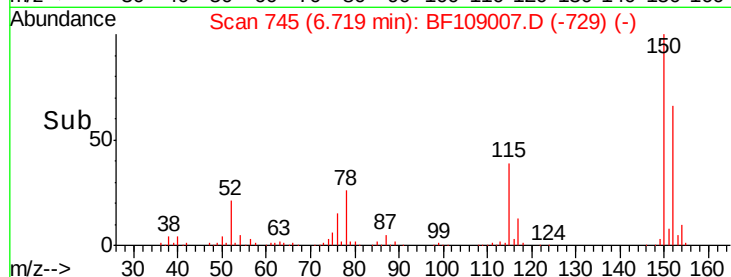
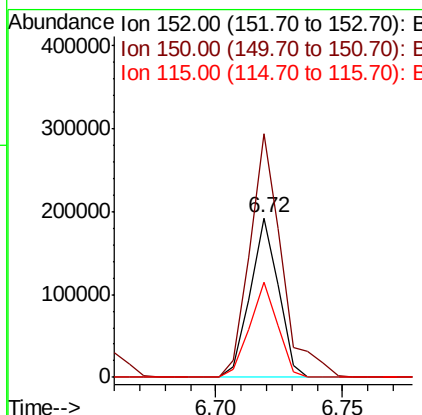
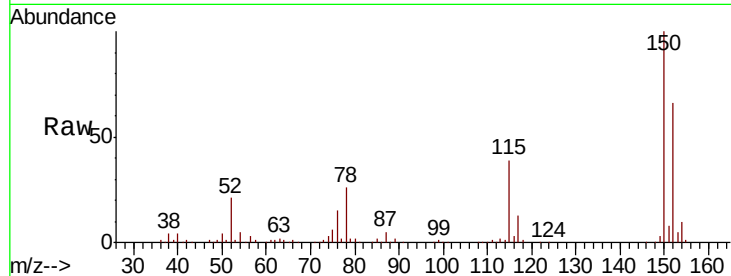
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

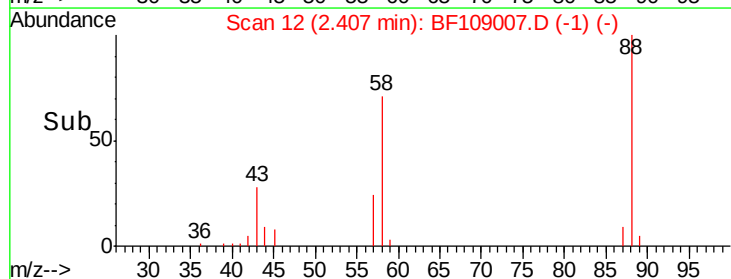
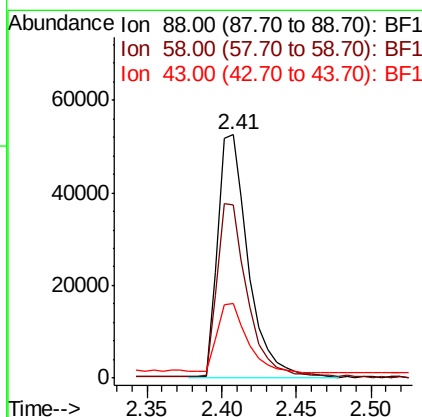
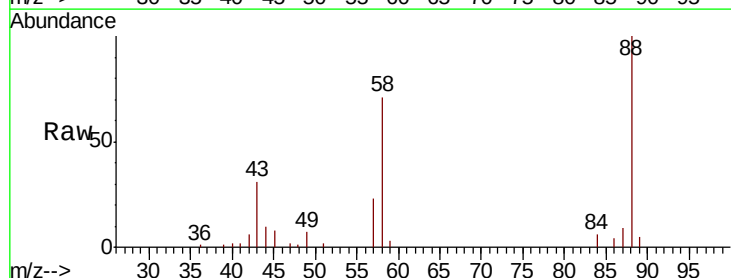
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

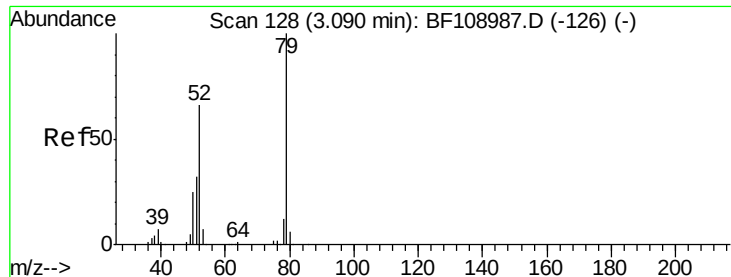
Tgt Ion: 152 Resp: 150441
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 186.8
 115 59.7 50.1 75.1



#2
 1,4-Dioxane
 Concen: 17.638 ng
 RT: 2.41 min Scan# 12
 Delta R.T. 0.02 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion: 88 Resp: 76048
 Ion Ratio Lower Upper
 88 100
 58 72.0 62.6 93.8
 43 28.5 24.6 37.0





#3

Pyridine

Concen: 18.582 ng

RT: 3.12 min Scan# 133

Delta R.T. 0.03 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

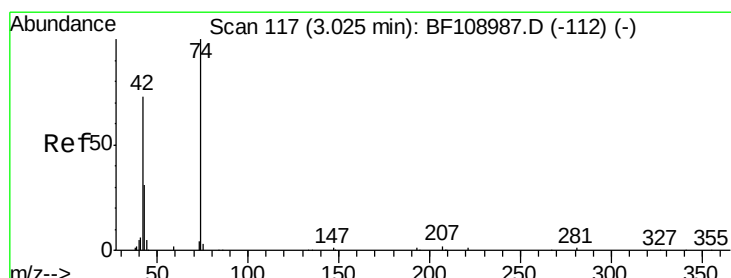
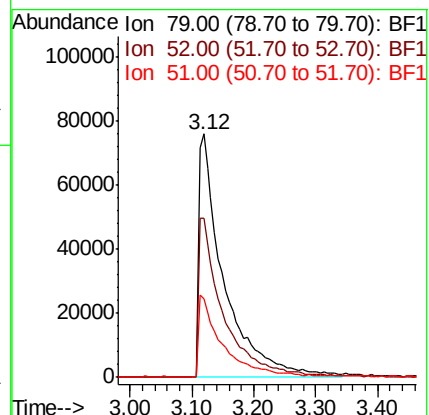
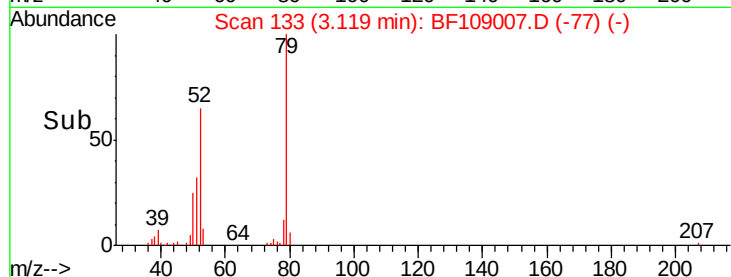
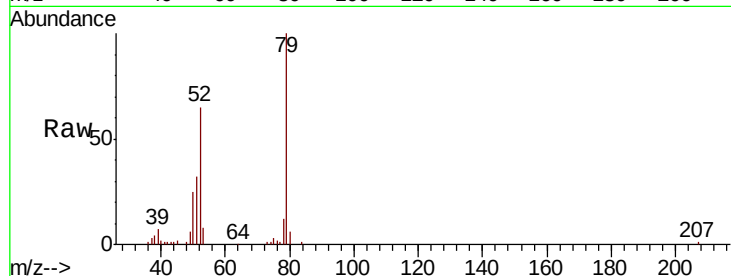
Tgt Ion: 79 Resp: 212387

Ion Ratio Lower Upper

79 100

52 65.1 59.8 89.6

51 32.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 22.679 ng

RT: 3.03 min Scan# 118

Delta R.T. 0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

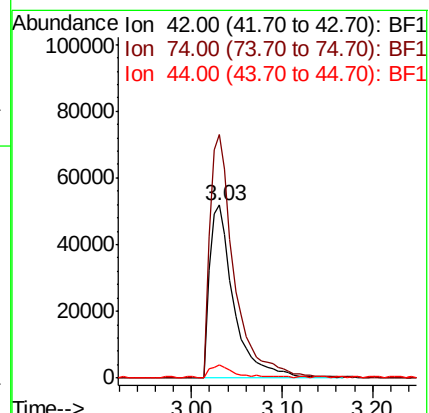
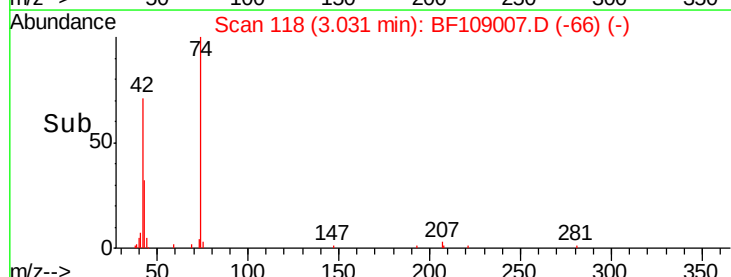
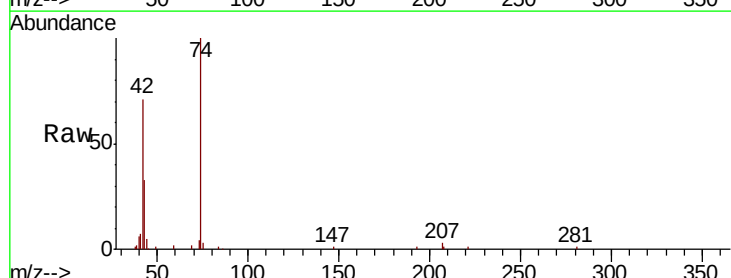
Tgt Ion: 42 Resp: 97900

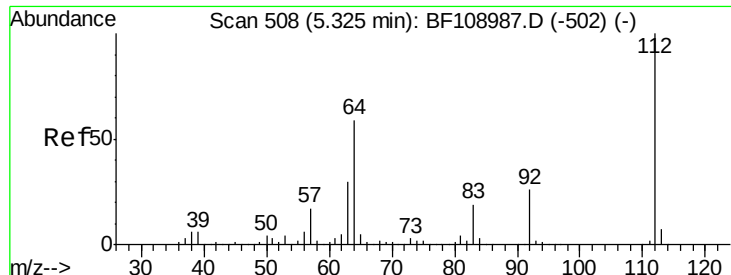
Ion Ratio Lower Upper

42 100

74 140.8 104.9 157.3

44 7.5 6.9 10.3

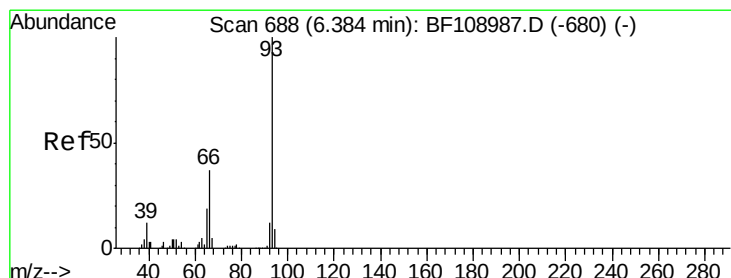
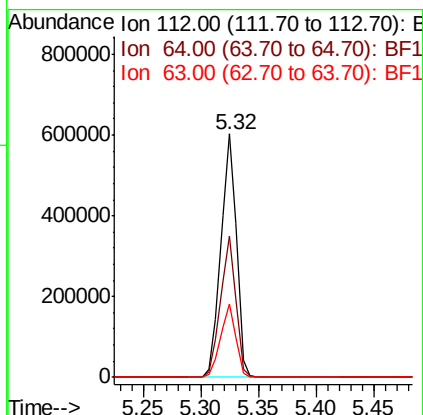
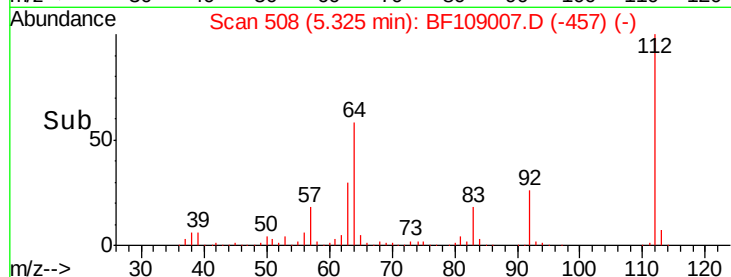
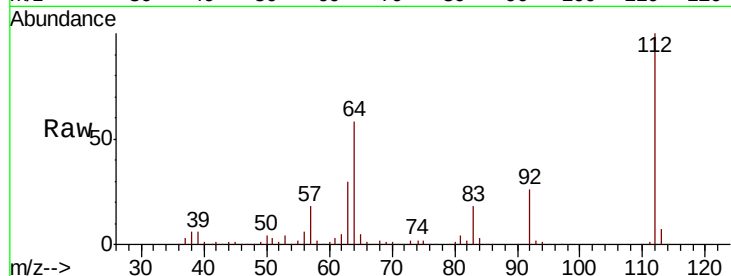




#5
 2-Fluorophenol
 Concen: 62.675 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

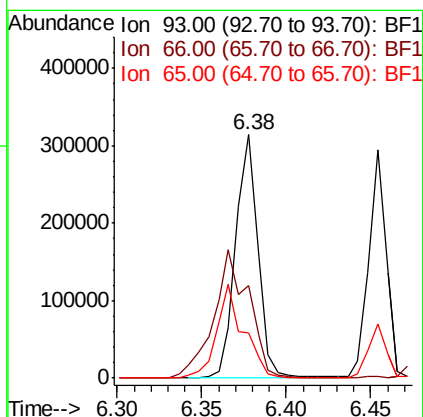
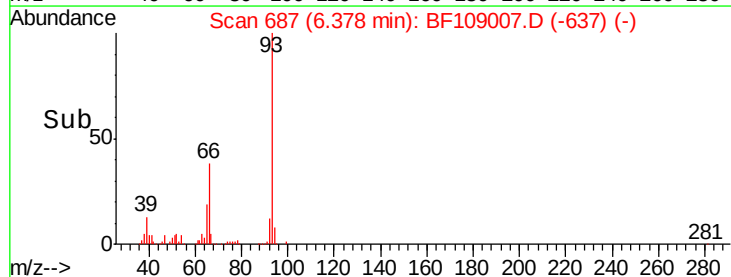
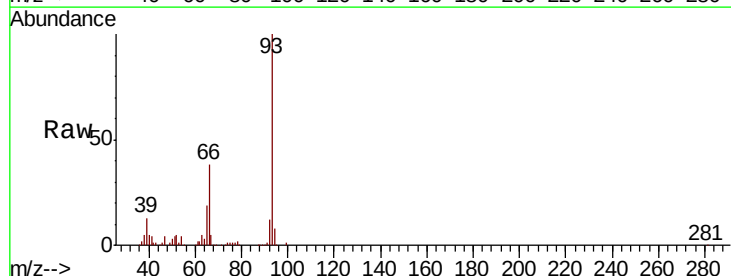
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

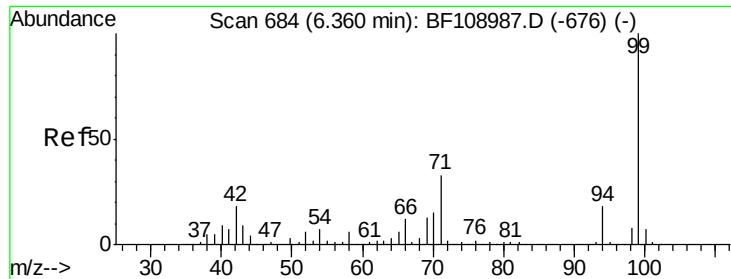
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.2	23.7	35.5



#6
 Aniline
 Concen: 19.200 ng
 RT: 6.38 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.2	32.2	48.2
65	18.6	16.4	24.6





#7

Phenol-d6

Concen: 63.648 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

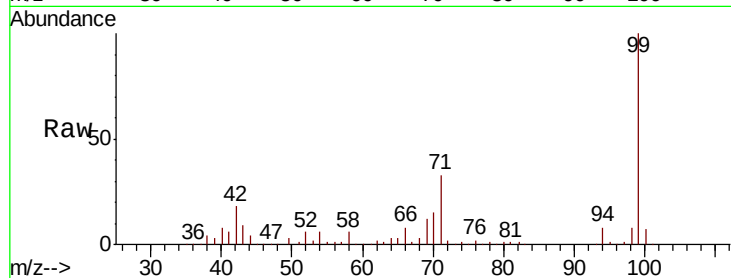
Tgt Ion: 99 Resp: 743391

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 32.8 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

800000

600000

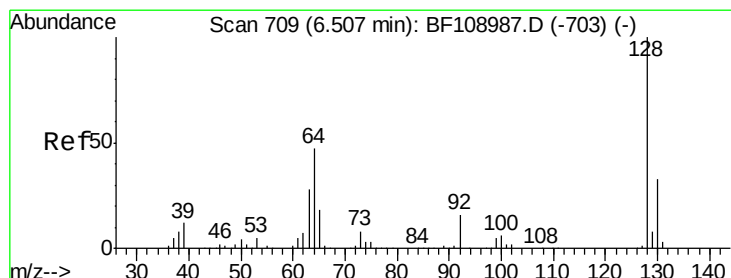
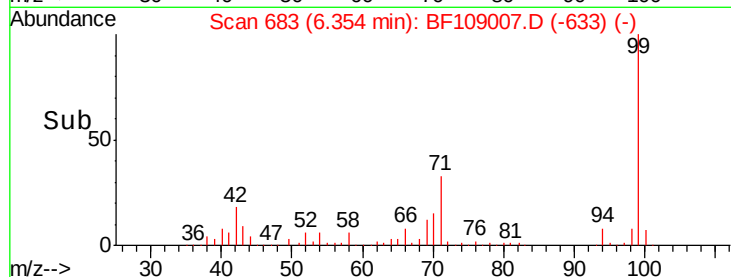
400000

200000

0

6.30 6.40 6.50

Time-->



#8

2-Chlorophenol

Concen: 21.679 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

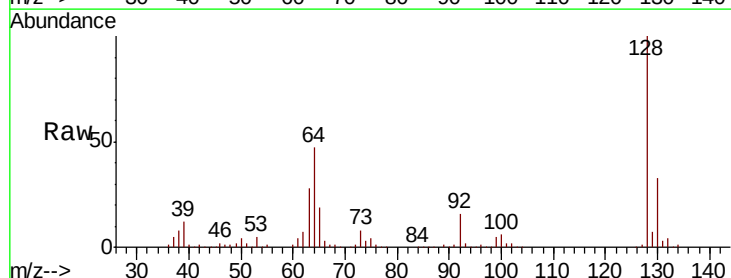
Tgt Ion: 128 Resp: 219755

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 46.6 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

300000

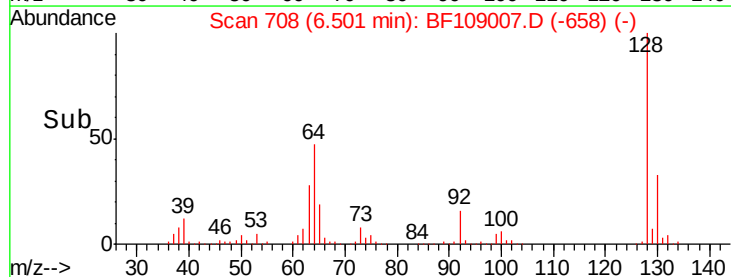
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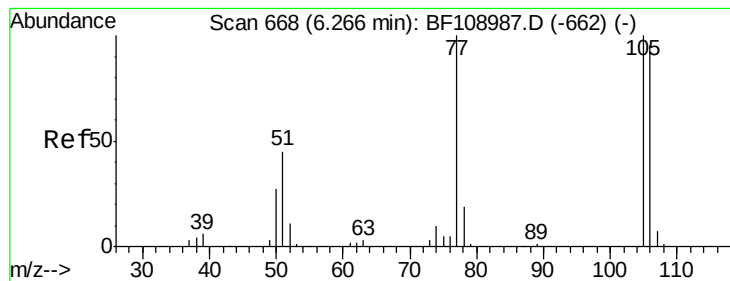
100000

0

6.45 6.50 6.55

Time-->





#9

Benzaldehyde

Concen: 13.549 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

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BNA_F

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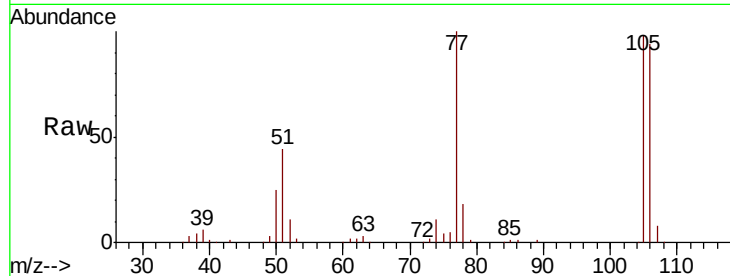
Tgt Ion: 77 Resp: 101066

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

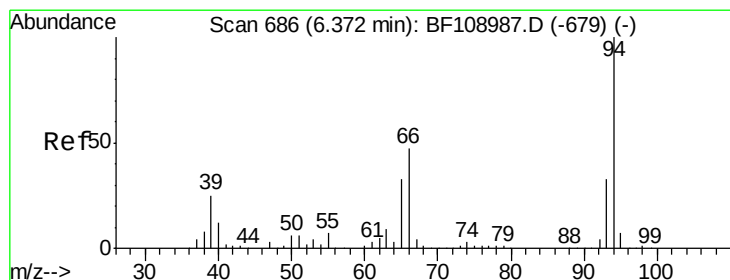
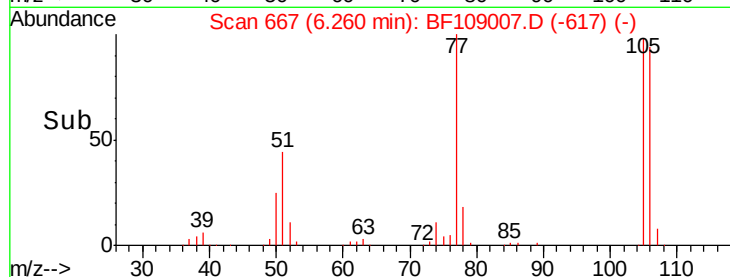
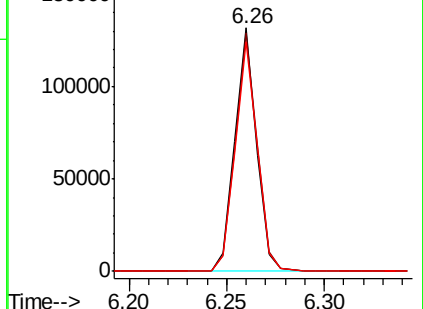
106 94.3 74.5 114.5



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: 22.983 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

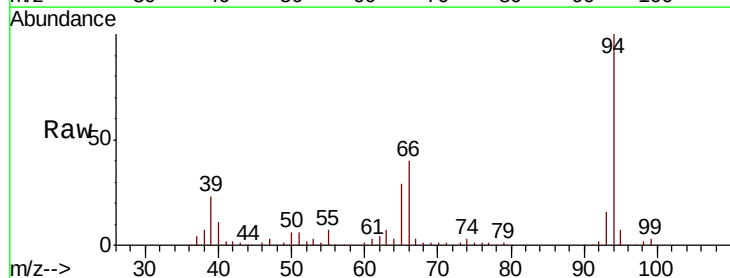
Tgt Ion: 94 Resp: 302037

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

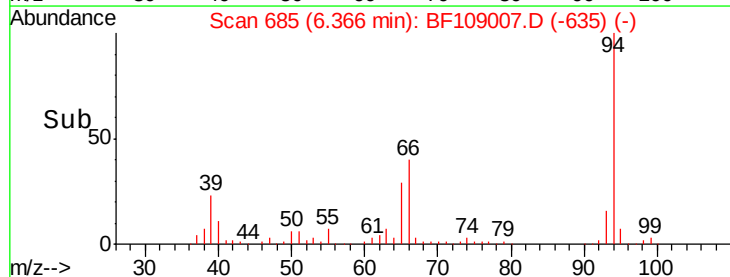
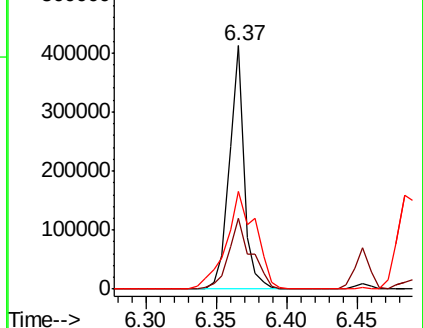
66 40.2 16.2 56.2

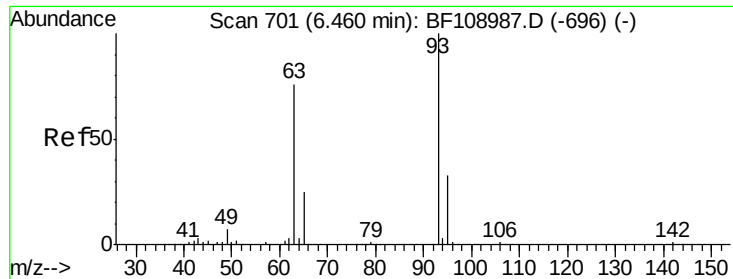


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



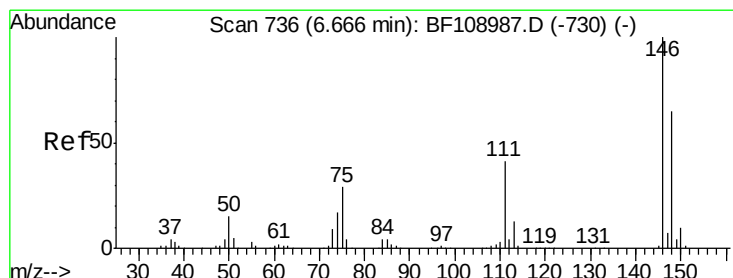
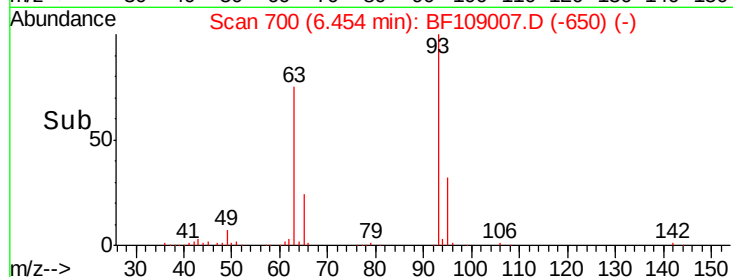
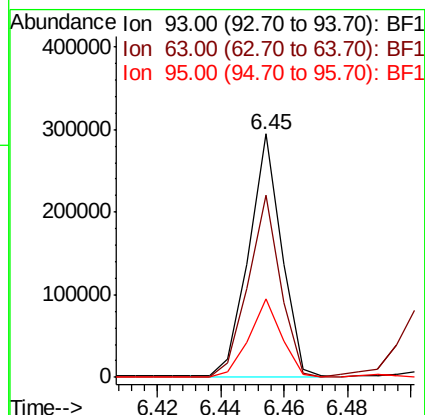
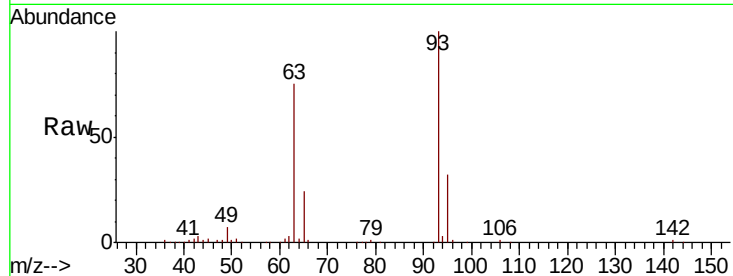


#11
bis(2-Chloroethyl)ether
Concen: 20.355 ng
RT: 6.45 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tgt Ion: 93 Resp: 210453

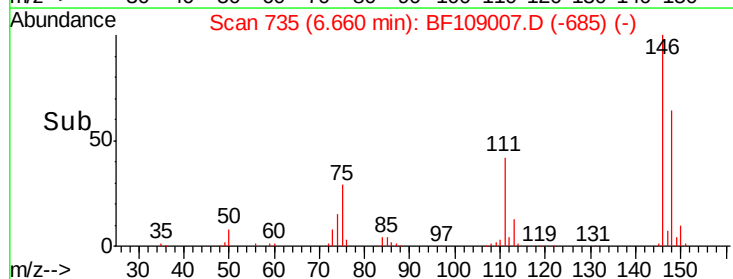
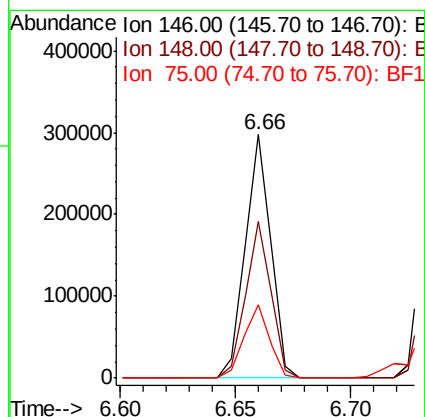
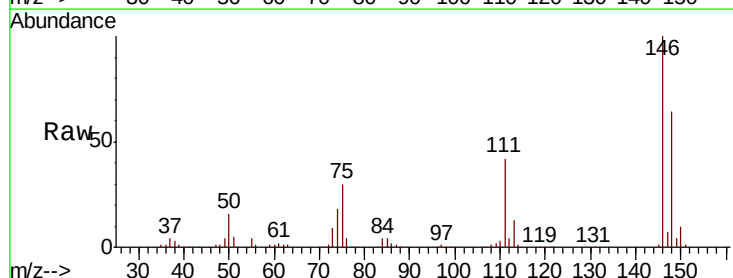
Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.6	98.6
95	32.2	11.8	51.8

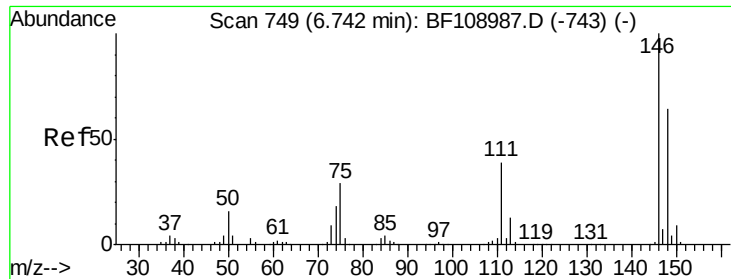


#12
1,3-Dichlorobenzene
Concen: 19.941 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion: 146 Resp: 231163

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.2	24.2	36.4

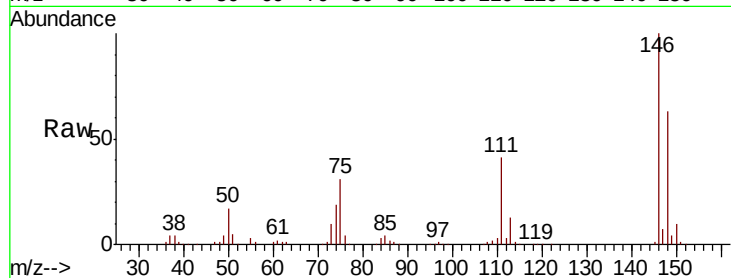




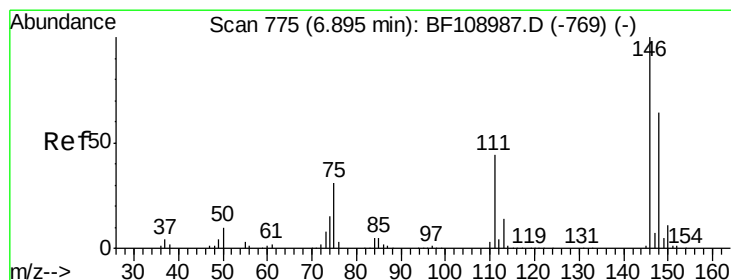
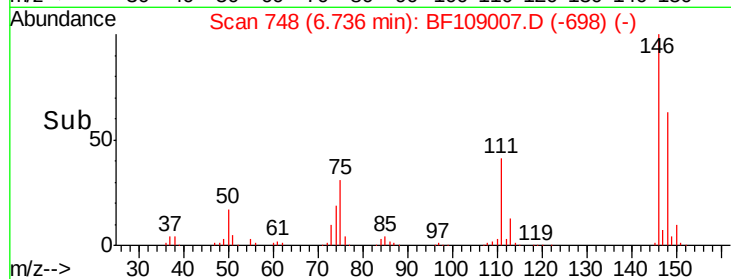
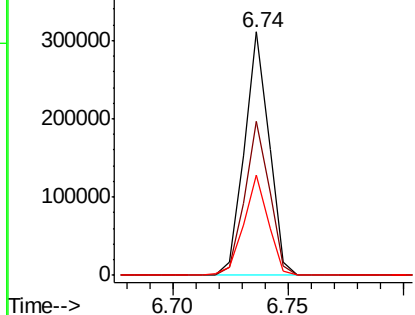
#13
 1,4-Dichlorobenzene
 Concen: 20.024 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tgt Ion:146 Resp: 232870
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 41.1 34.2 51.2

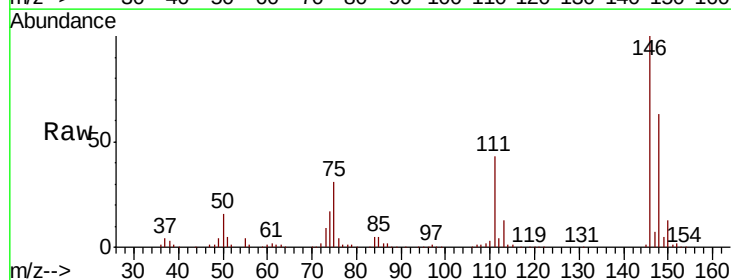


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

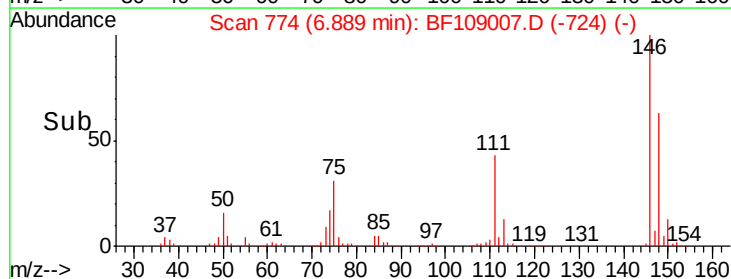
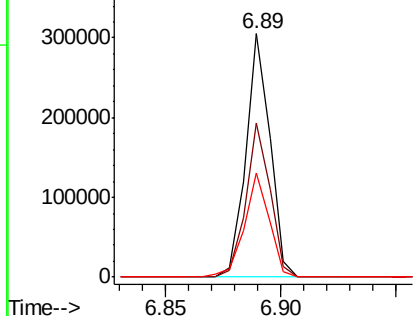


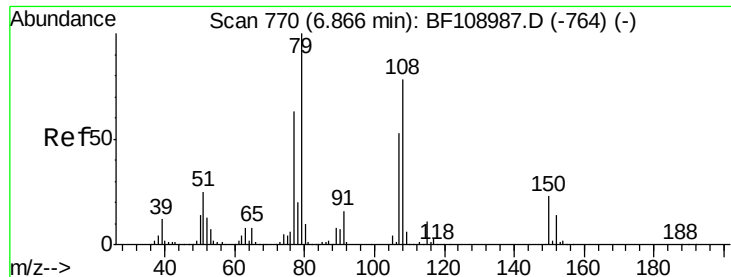
#14
 1,2-Dichlorobenzene
 Concen: 20.728 ng
 RT: 6.89 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:146 Resp: 223476
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 42.8 36.0 54.0



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

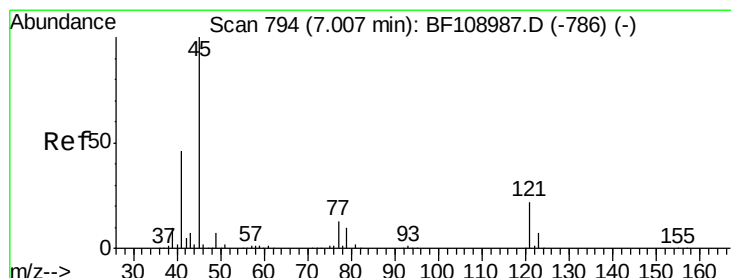
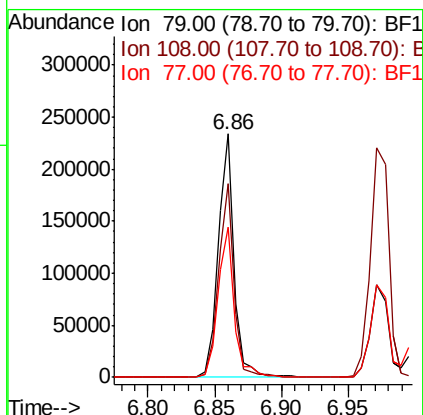
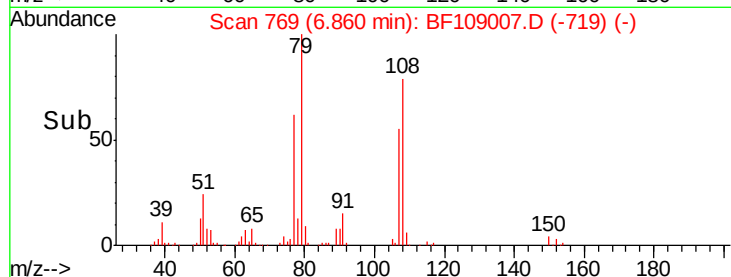
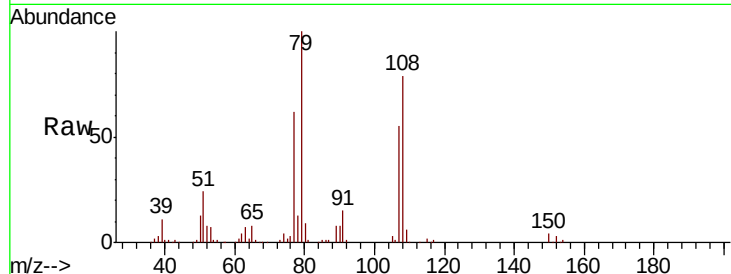




#15
Benzyl Alcohol
Concen: 22.030 ng
RT: 6.86 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

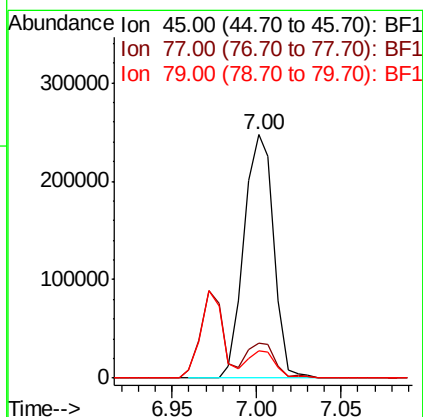
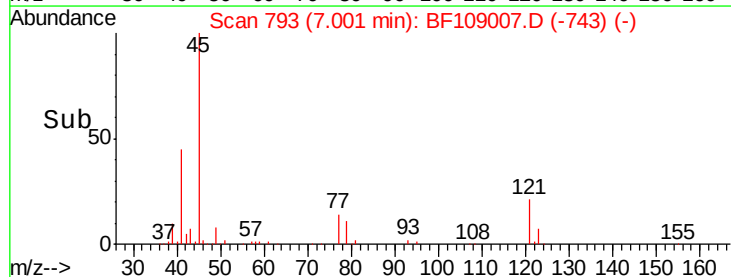
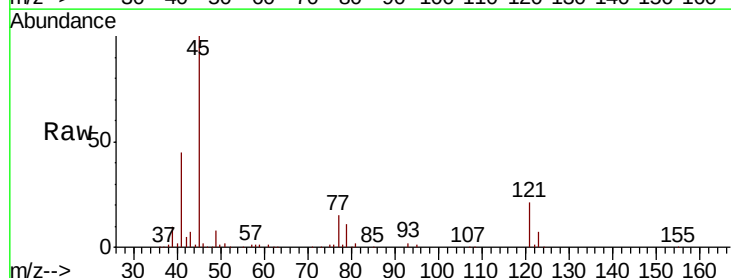
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

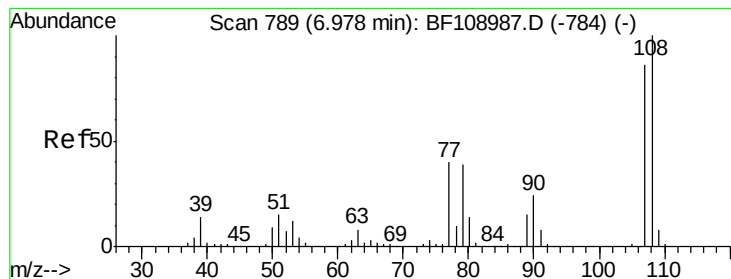
Tgt Ion: 79 Resp: 195343
Ion Ratio Lower Upper
79 100
108 79.4 65.1 97.7
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.515 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion: 45 Resp: 303902
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 11.0 0.0 29.6





#17

2-Methylphenol

Concen: 22.234 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

Tgt Ion:107 Resp: 183876

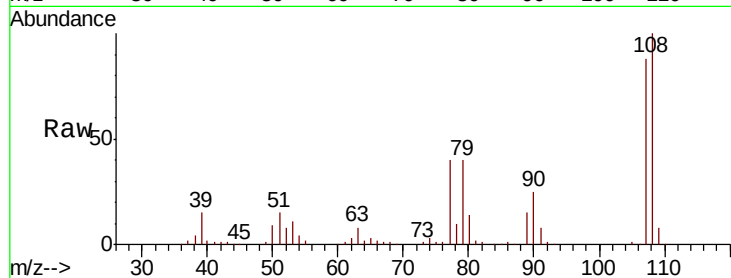
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 45.5 33.8 50.8

79 45.4 33.8 50.8



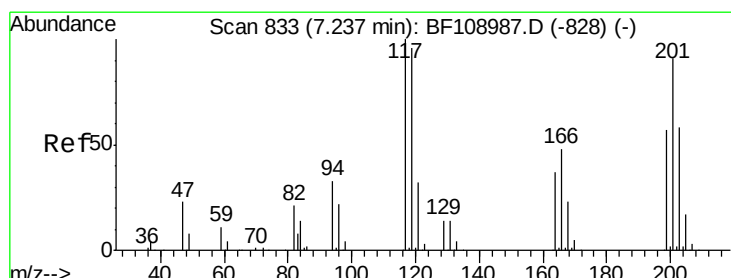
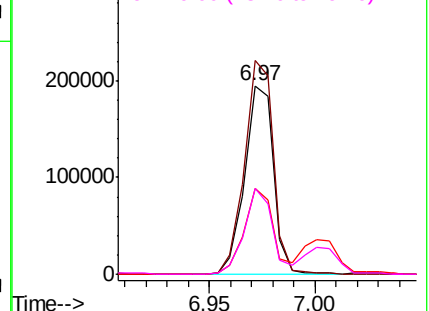
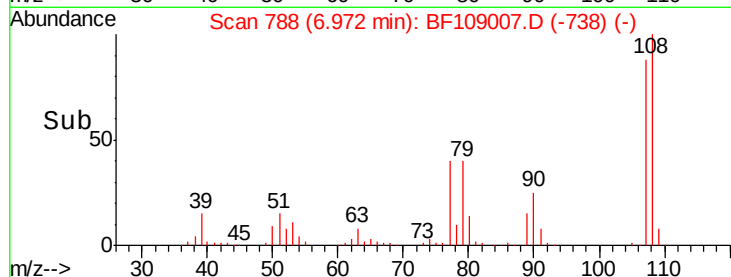
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 19.772 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

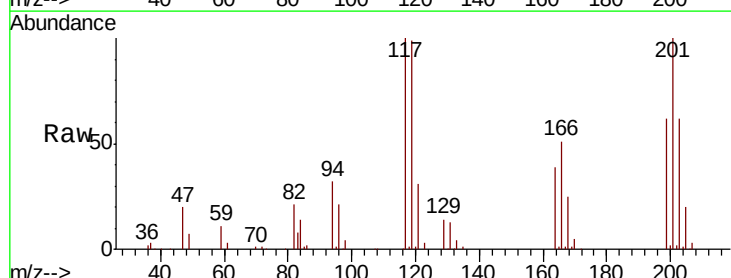
Tgt Ion:117 Resp: 83513

Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.8

201 99.9 75.7 113.5

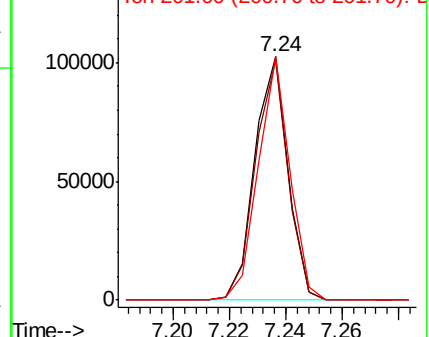
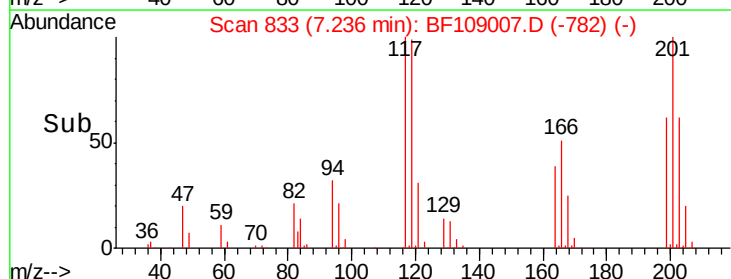


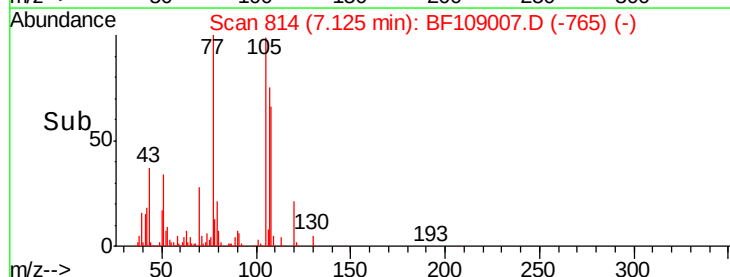
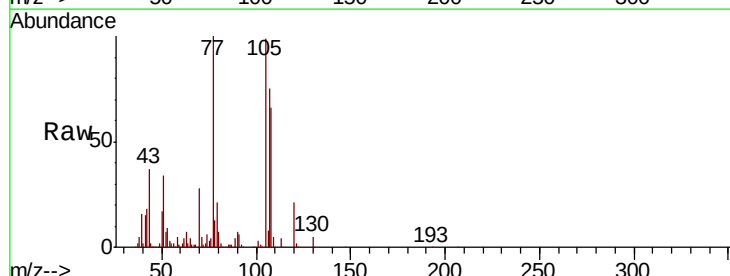
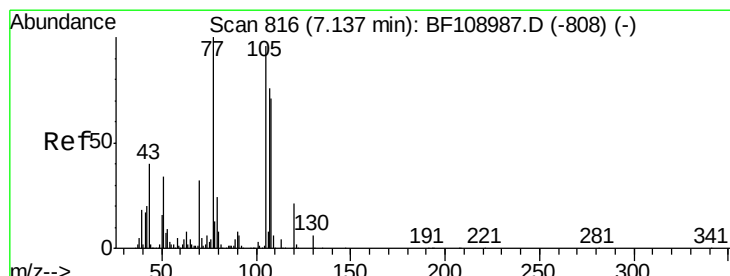
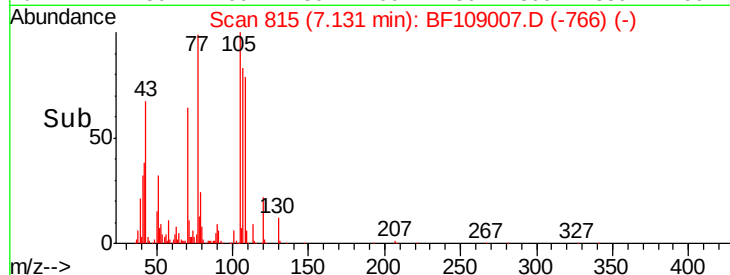
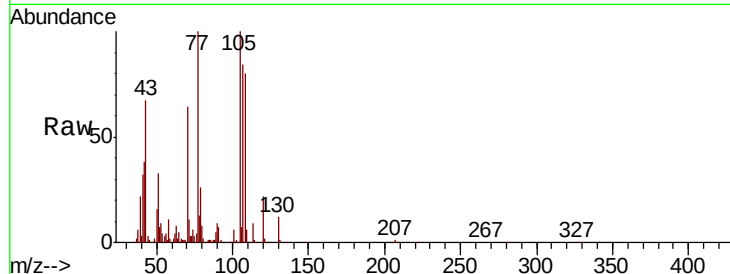
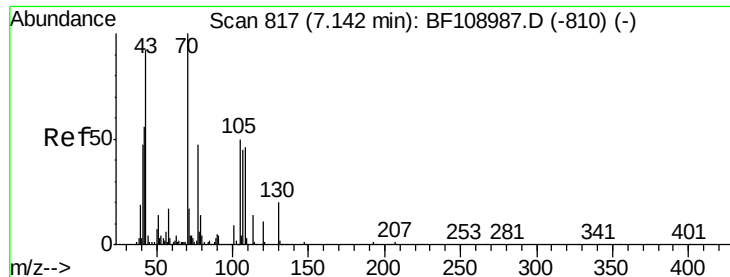
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

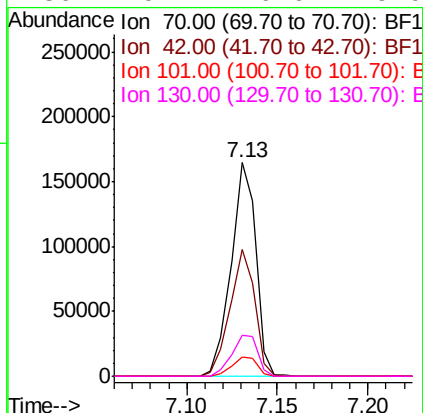




#19
n-Nitroso-di-n-propylamine
Concen: 20.211 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

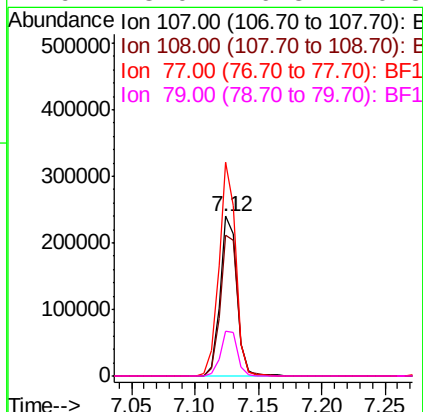
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

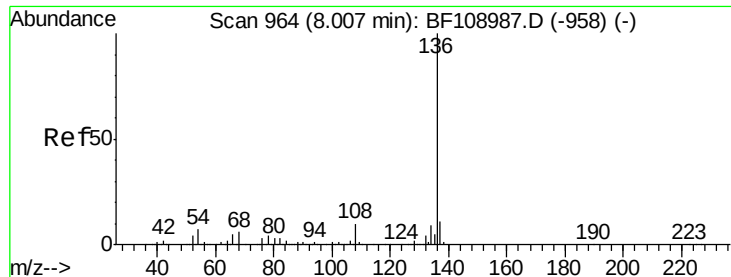
Tgt Ion:	70	Resp:	156038
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	9.0	7.4	11.2
130	19.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 22.659 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:	107	Resp:	225683
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	133.7	26.7	66.7#
79	28.0	6.3	46.3

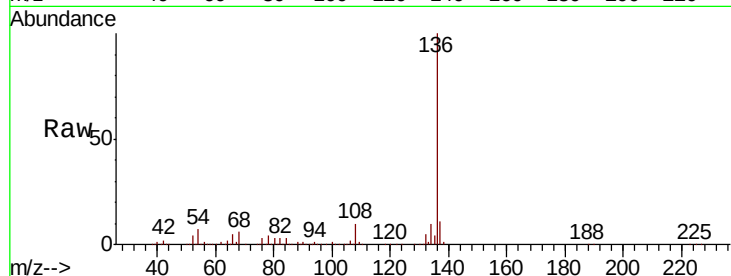




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tgt Ion:	136	Resp:	589744
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	6.4	5.0	7.4



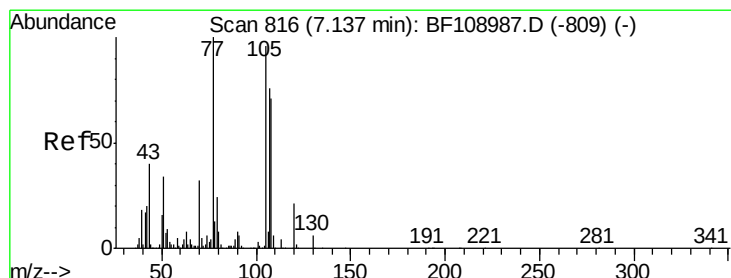
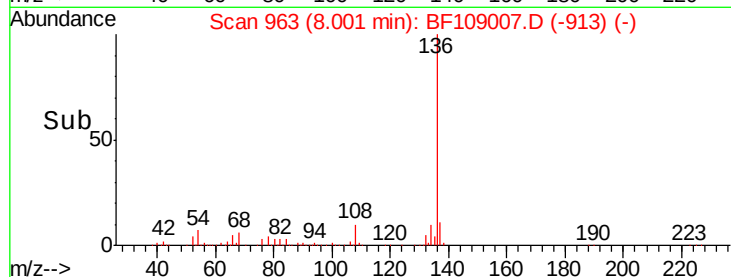
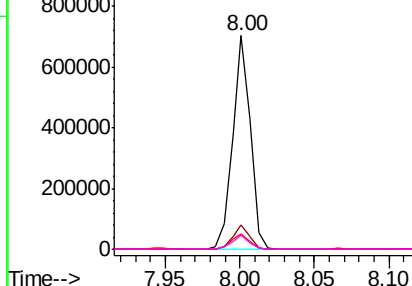
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

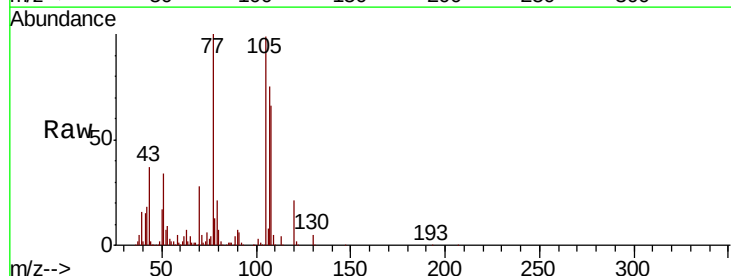
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 22.214 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:	105	Resp:	297518
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	34.6	22.3	33.5#
120	20.7	16.9	25.3



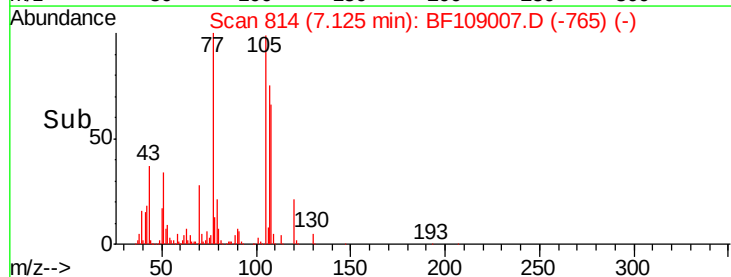
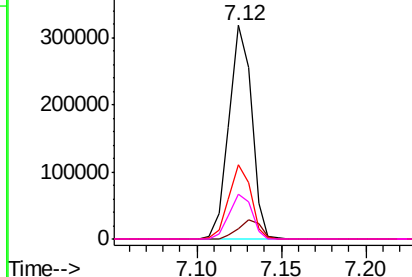
Abundance

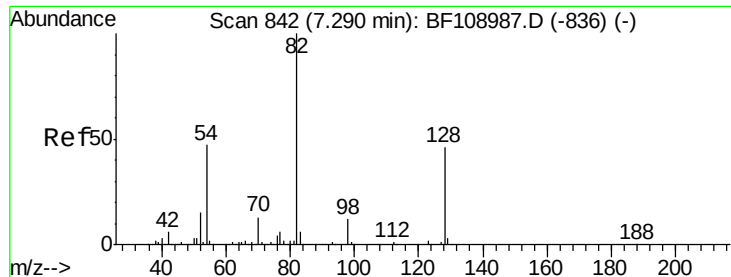
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

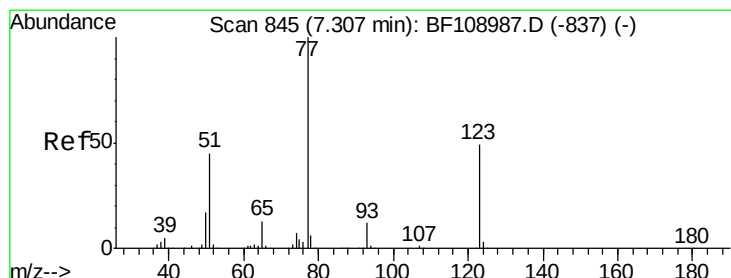
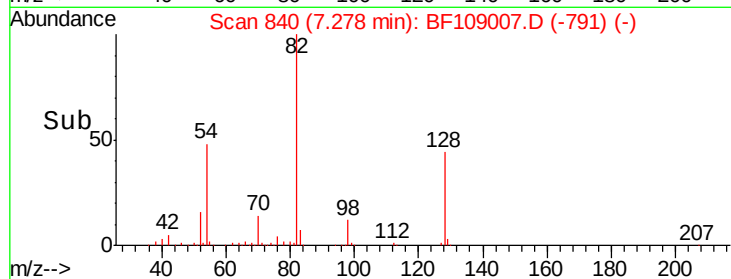
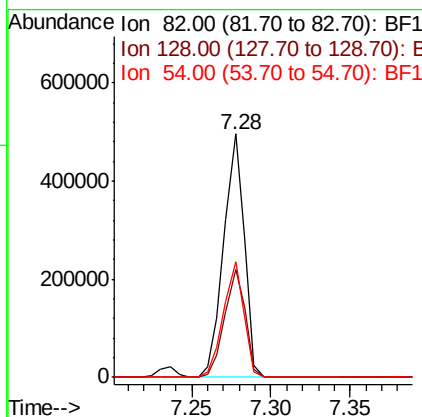
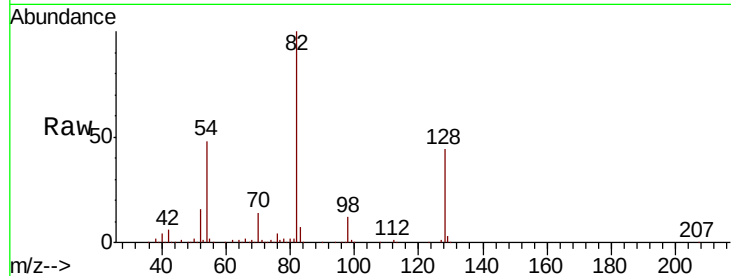




#23
 Nitrobenzene-d5
 Concen: 42.636 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

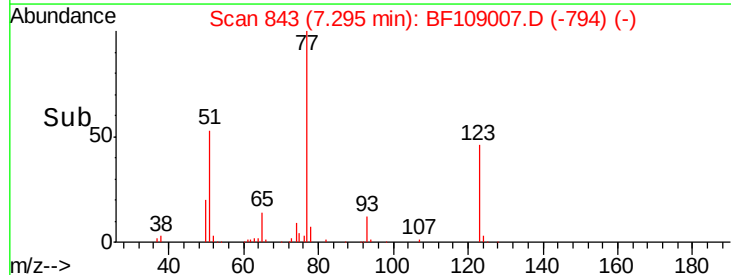
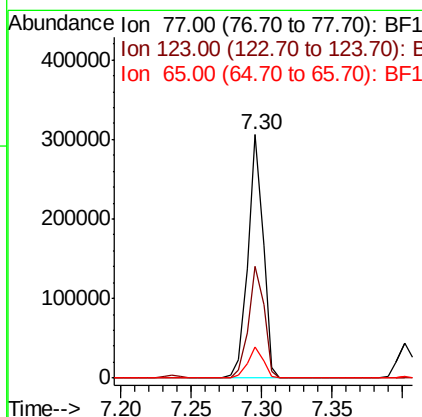
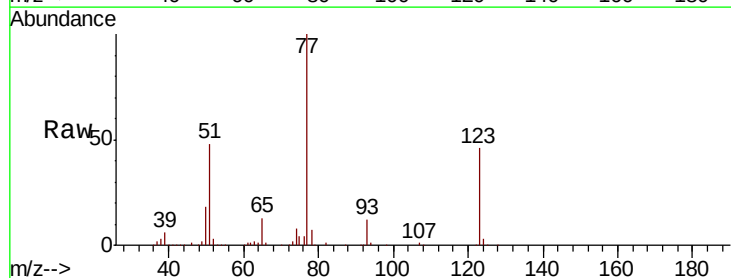
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

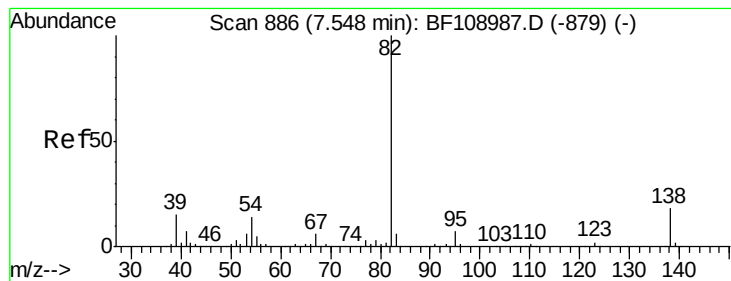
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	47.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 21.370 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 23.809 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

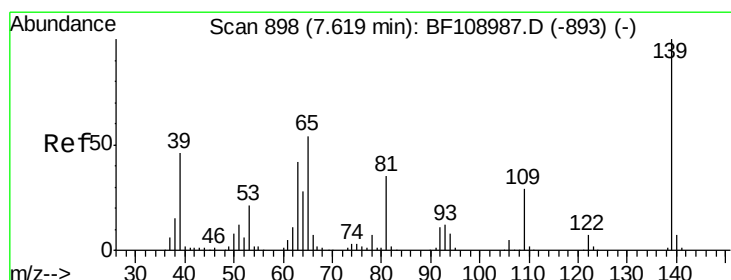
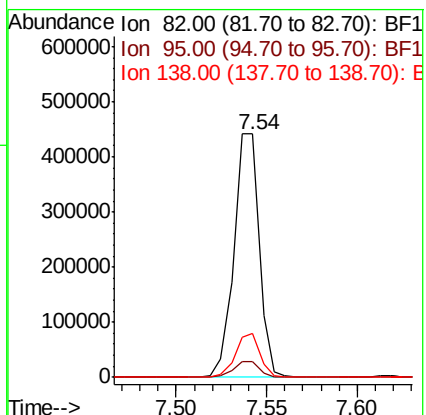
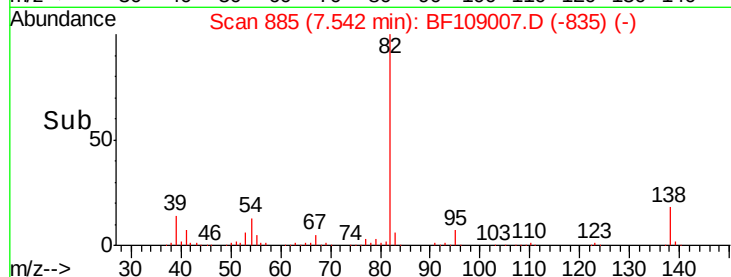
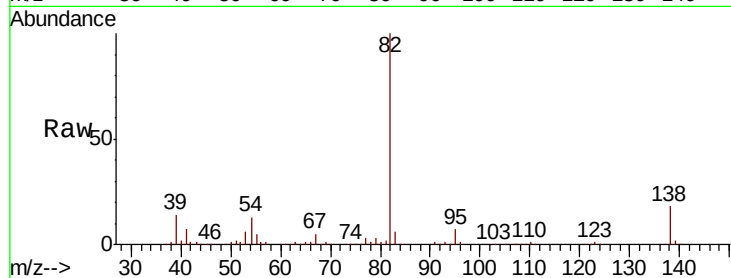
Tgt Ion: 82 Resp: 430323

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 21.359 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

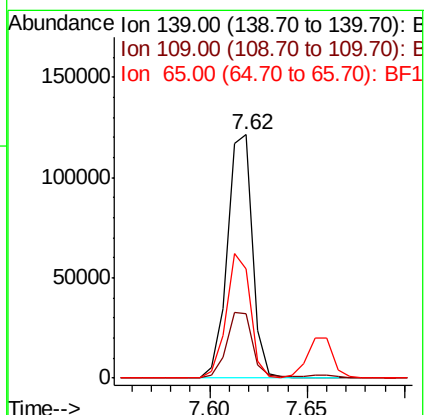
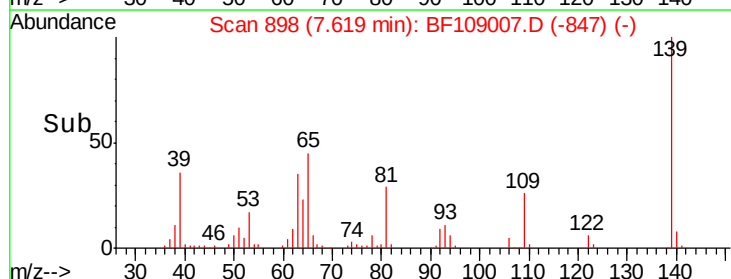
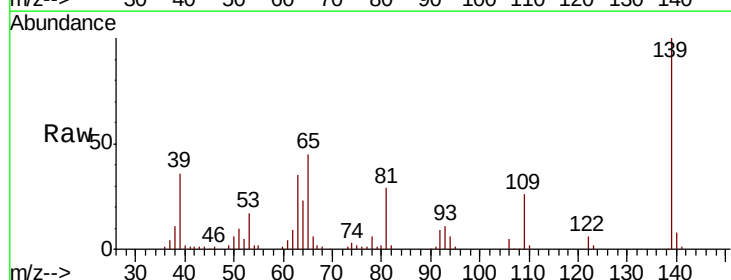
Tgt Ion: 139 Resp: 108120

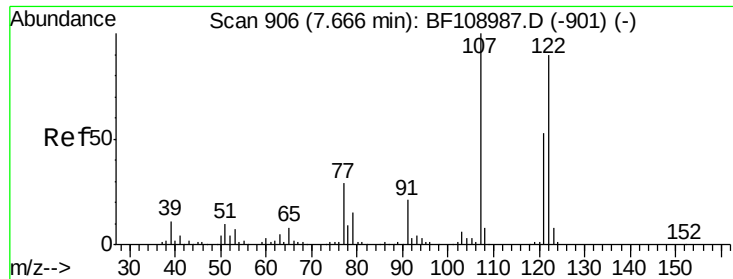
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 44.7 40.5 60.7

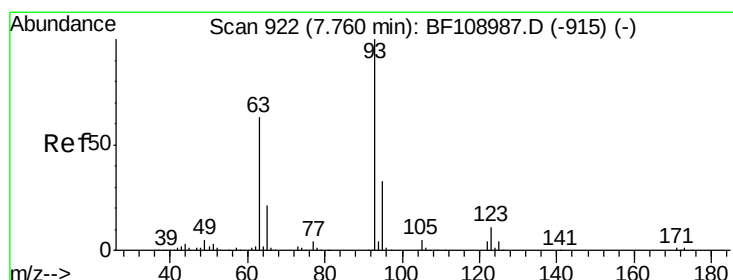
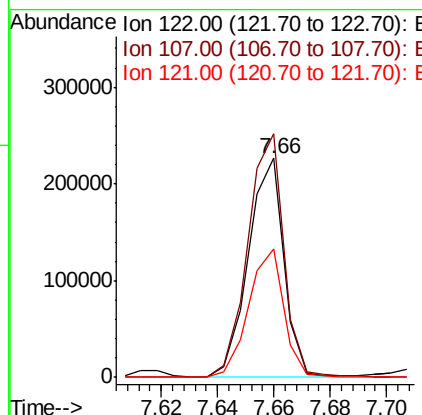
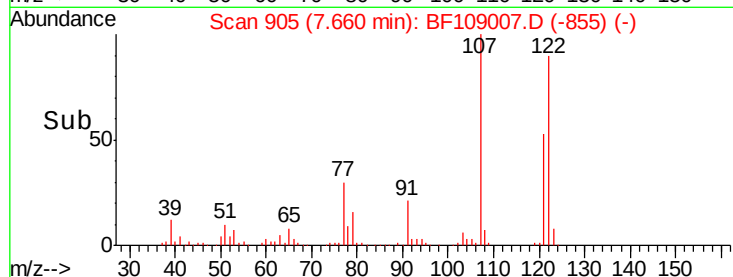
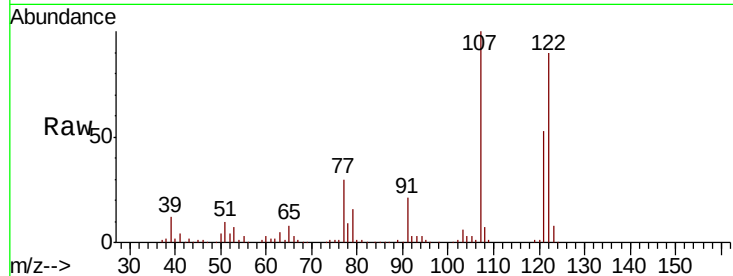




#27
2,4-Dimethylphenol
Concen: 25.032 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

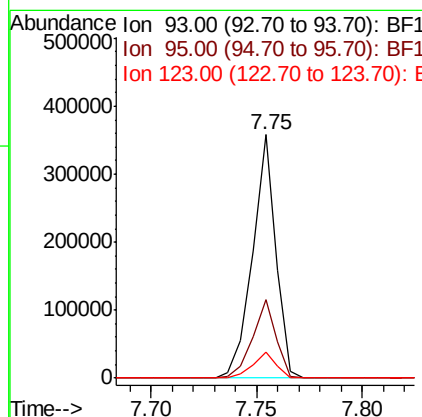
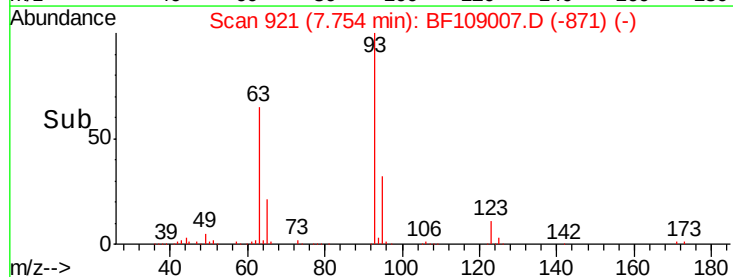
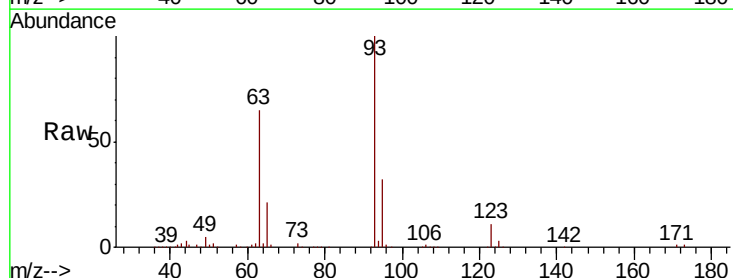
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

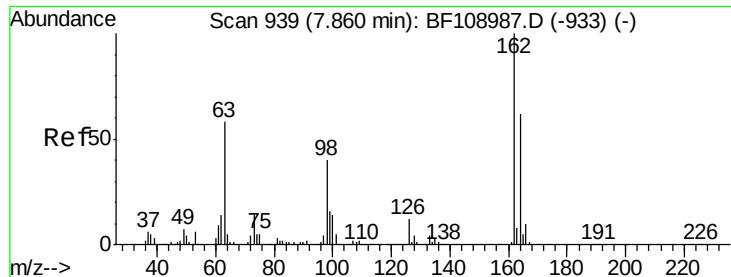
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	58.5	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 22.612 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	10.7	9.8	14.6

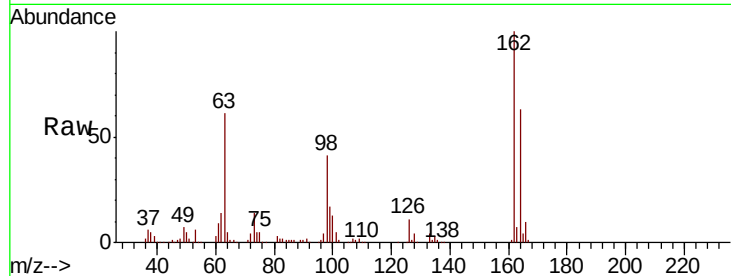




#29
2,4-Dichlorophenol
Concen: 22.399 ng
RT: 7.85 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	40.8	18.1	58.1

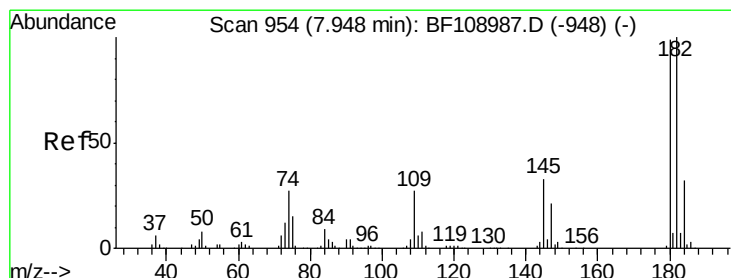
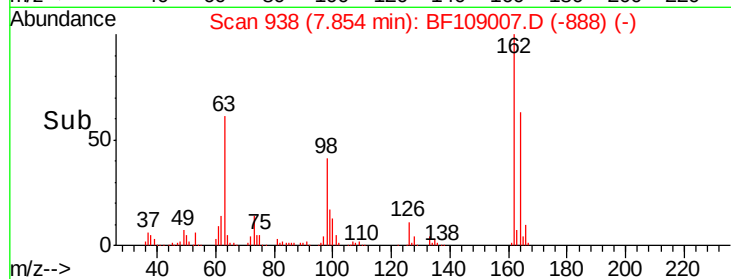
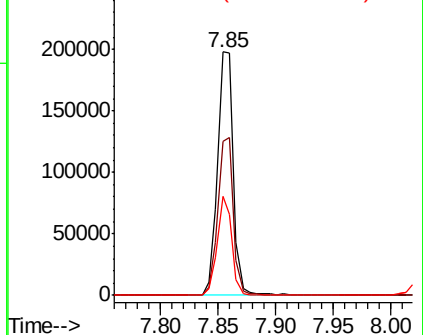


Abundance

Ion 162.00 (161.70 to 162.70): E

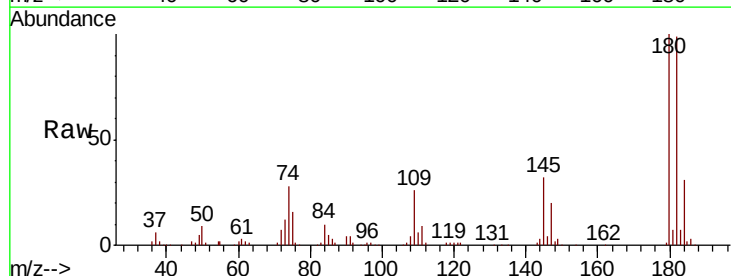
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 20.712 ng
RT: 7.94 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	32.1	26.5	39.7

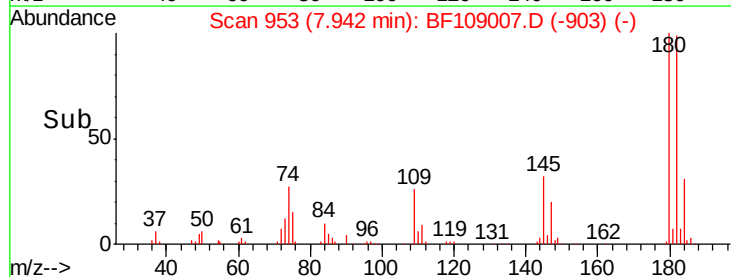
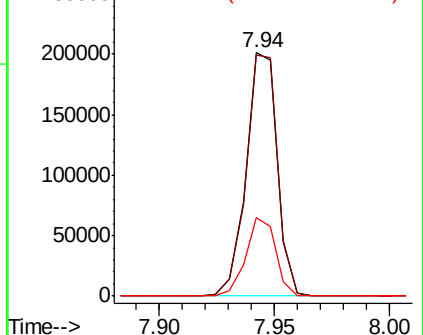


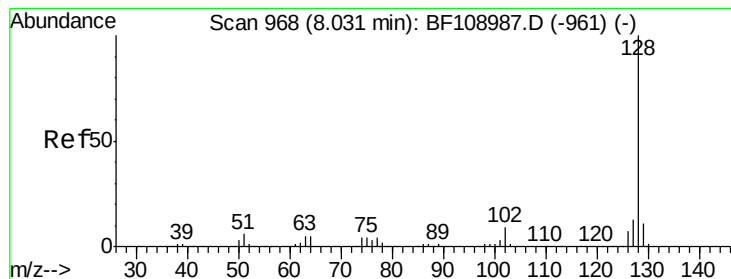
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 23.028 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

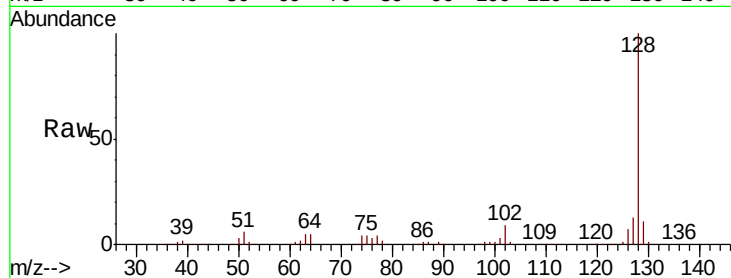
Tgt Ion:128 Resp: 630320

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

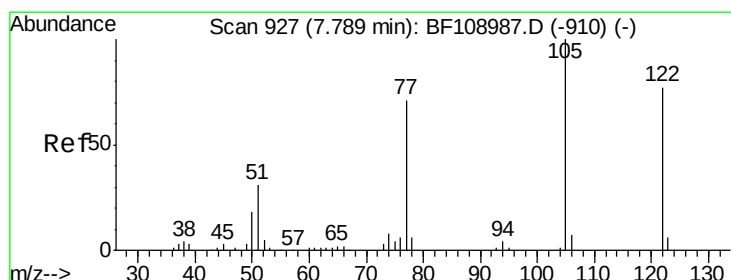
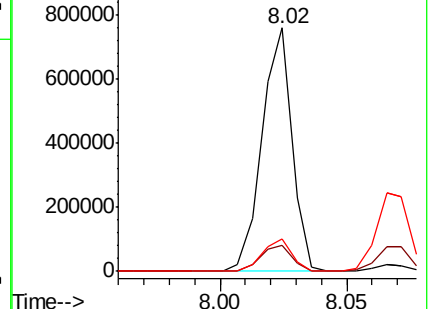
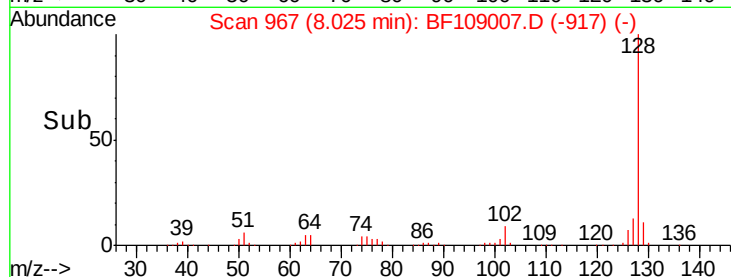
127 13.2 10.9 16.3



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: 4.329 ng

RT: 7.72 min Scan# 915

Delta R.T. -0.07 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

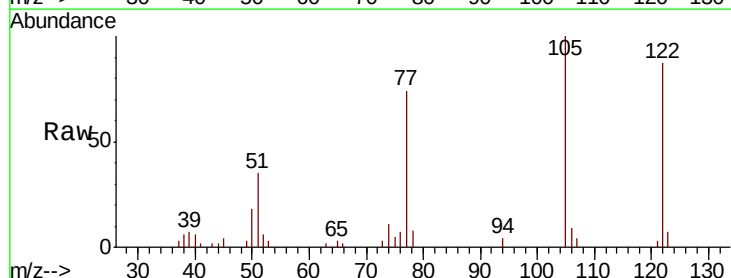
Tgt Ion:122 Resp: 22459

Ion Ratio Lower Upper

122 100

105 115.4 101.1 141.1

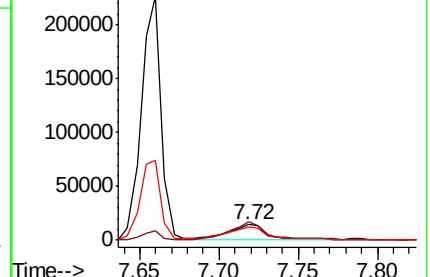
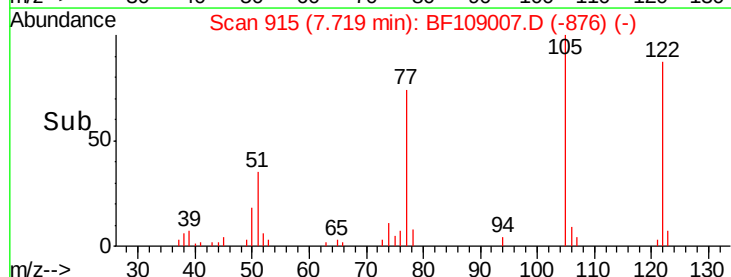
77 85.7 70.7 110.7

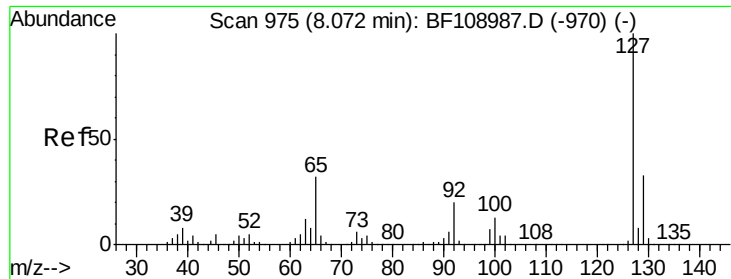


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

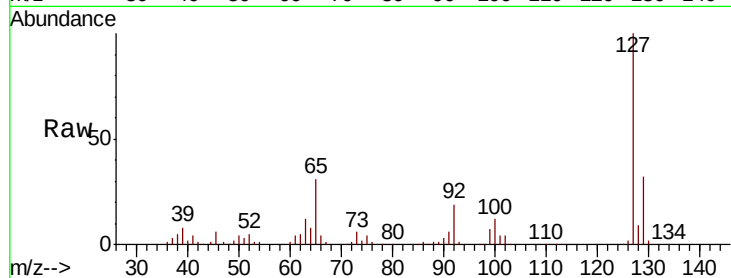




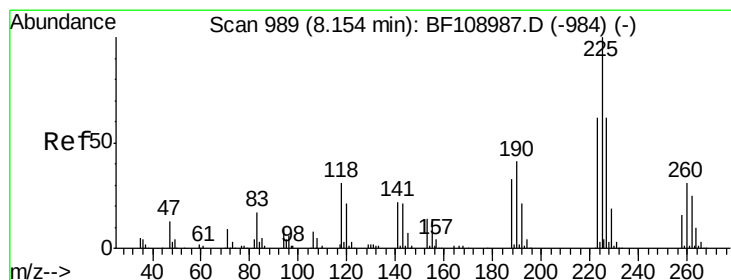
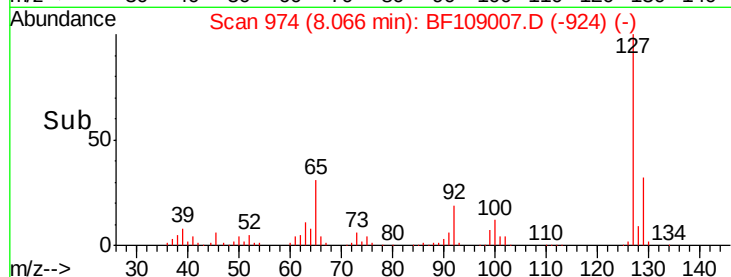
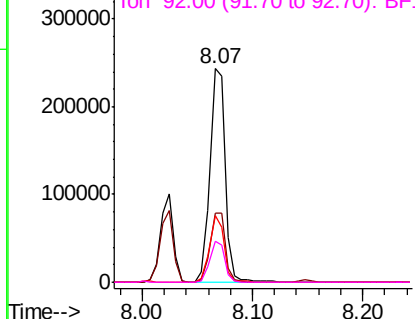
#33
4-Chloroaniline
Concen: 18.705 ng
RT: 8.07 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Tgt Ion:	127	Resp:	227643
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	31.1	25.0	37.4
92	19.2	15.2	22.8

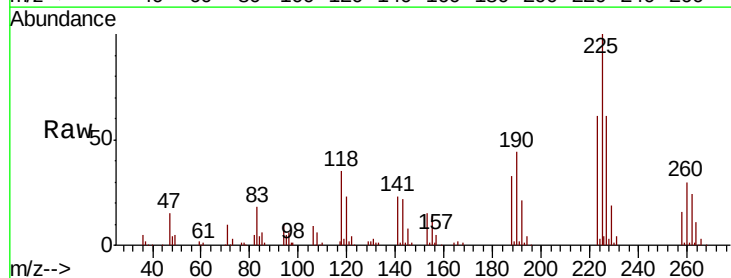


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

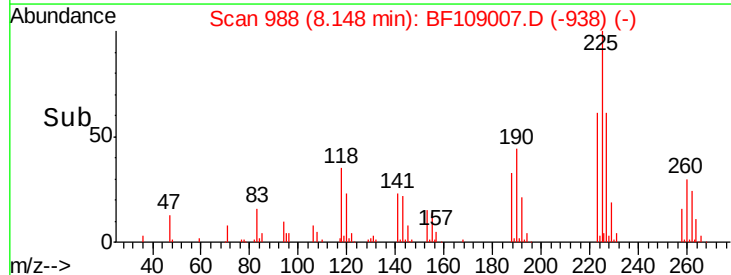
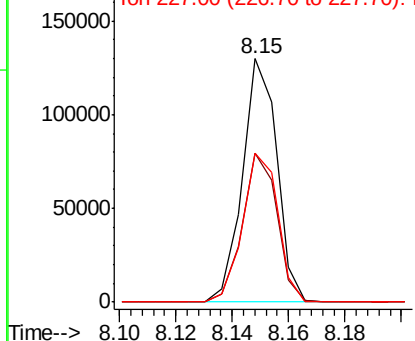


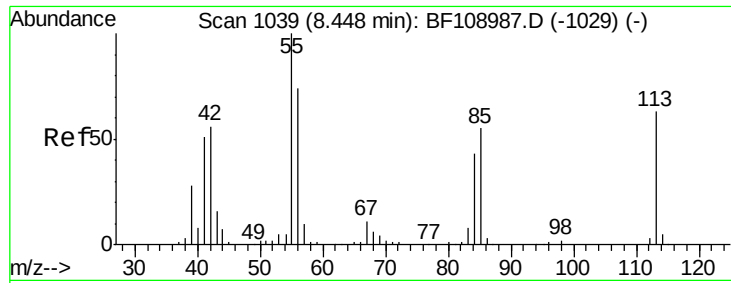
#34
Hexachlorobutadiene
Concen: 19.598 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:	225	Resp:	109435
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	61.3	51.9	77.9



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

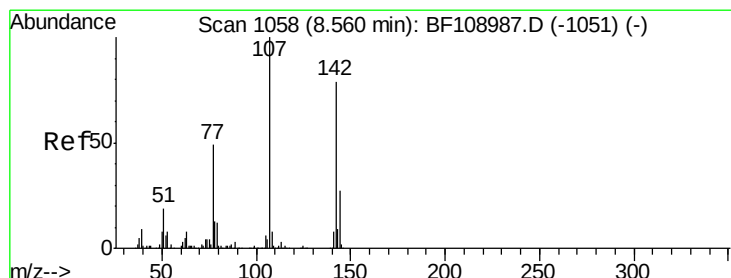
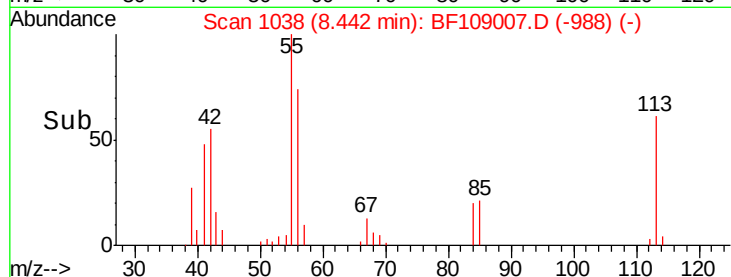
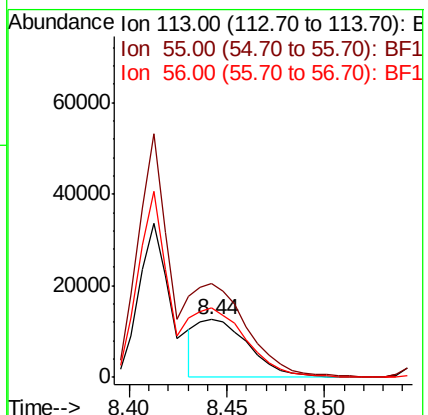
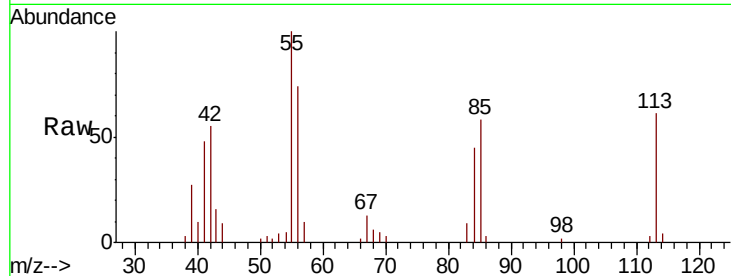




#35
 Caprolactam
 Concen: 8.412 ng
 RT: 8.44 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

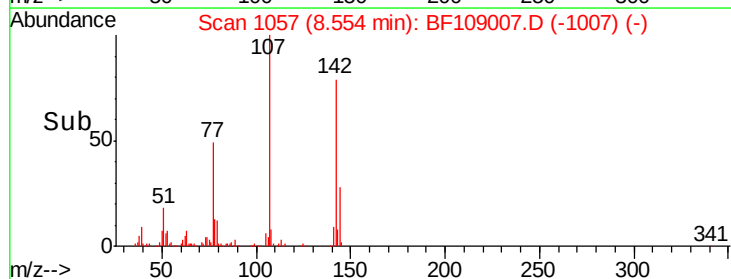
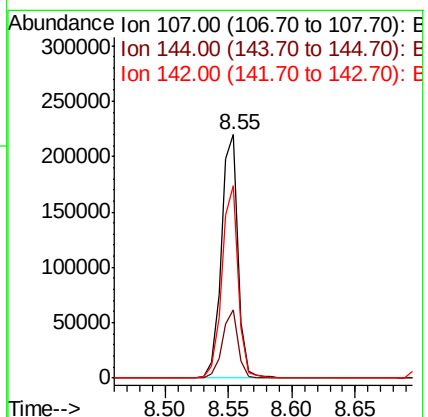
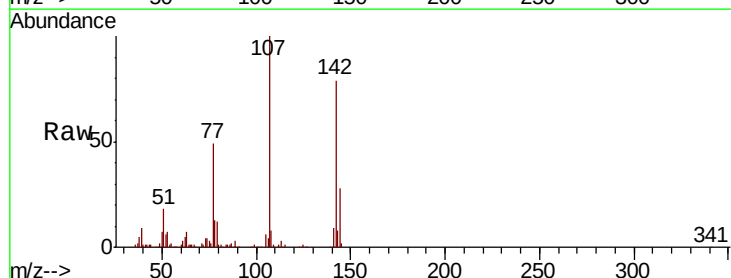
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

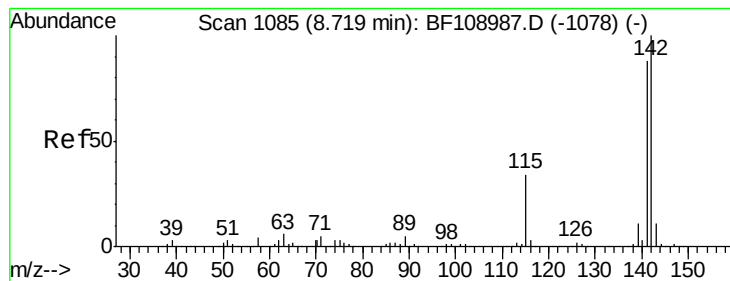
Tgt Ion:113 Resp: 23206
 Ion Ratio Lower Upper
 113 100
 55 162.9 163.3 203.3#
 56 119.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 22.778 ng
 RT: 8.55 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:107 Resp: 202896
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.5 30.7
 142 79.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 24.123 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

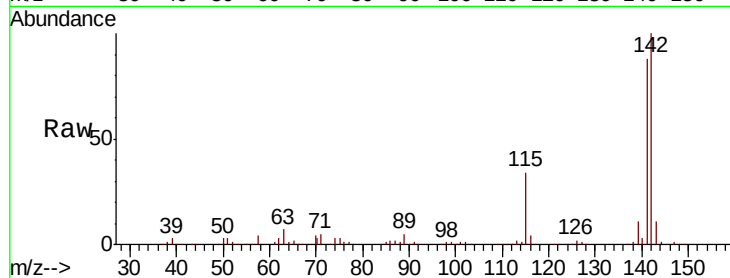
Tgt Ion:142 Resp: 430432

Ion Ratio Lower Upper

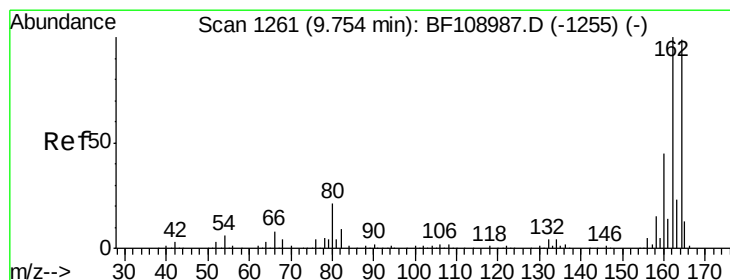
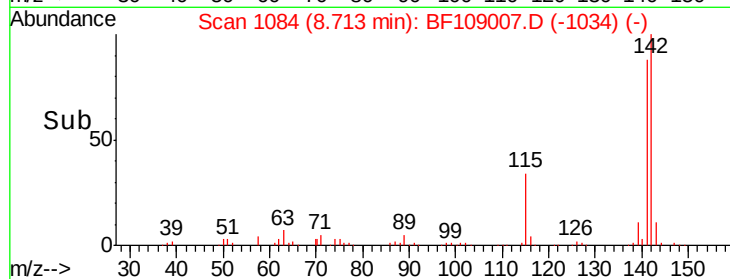
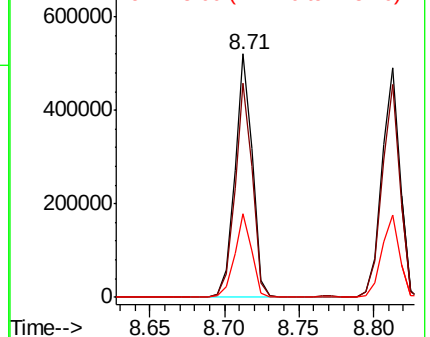
142 100

141 88.1 70.8 106.2

115 34.3 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

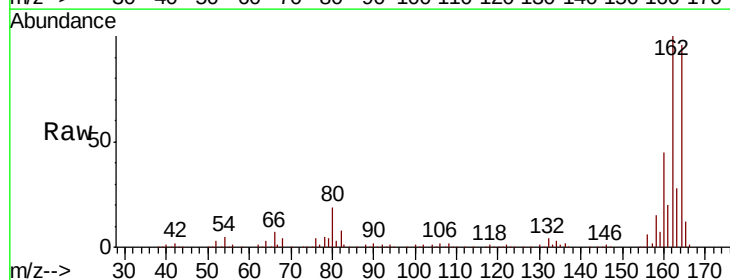
Tgt Ion:164 Resp: 291040

Ion Ratio Lower Upper

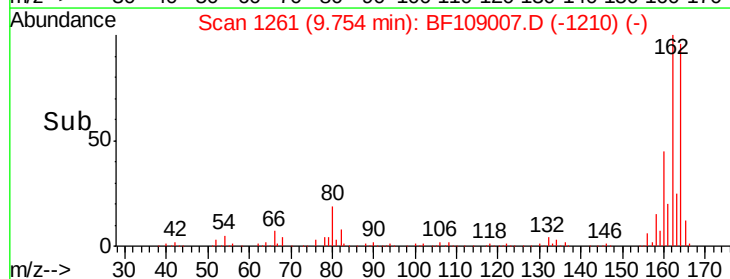
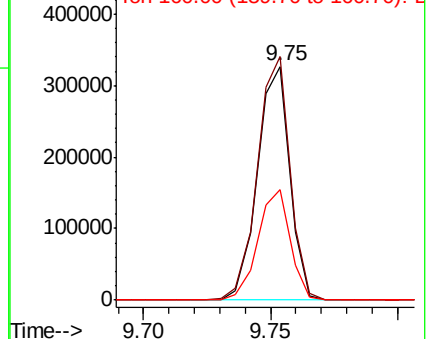
164 100

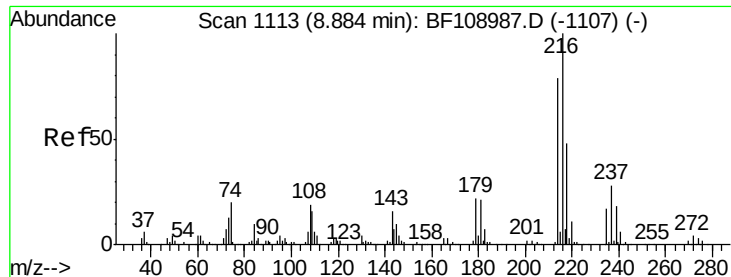
162 104.1 86.1 129.1

160 47.0 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.169 ng

RT: 8.88 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

Tgt Ion:216 Resp: 184750

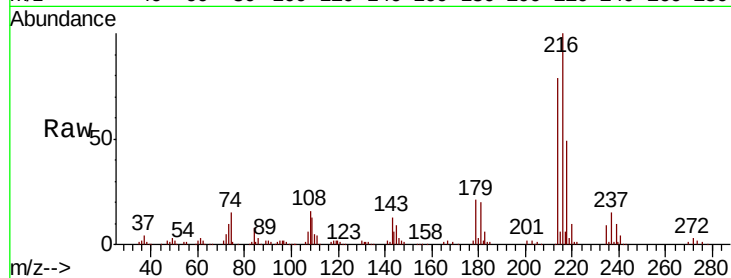
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.4 18.1 27.1

108 20.5 17.2 25.8

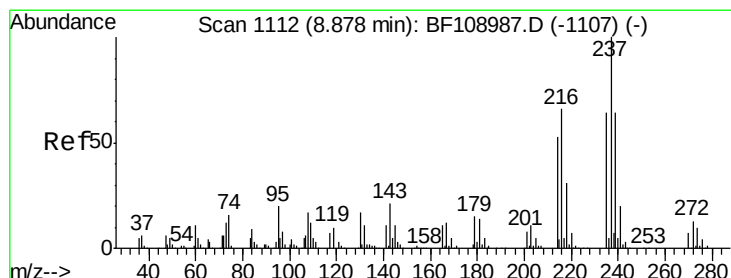
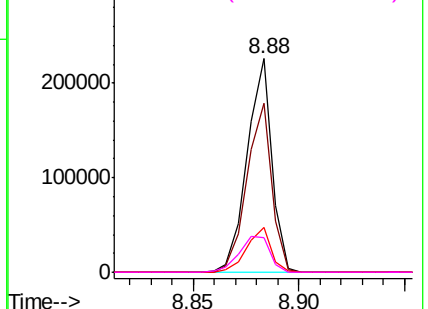
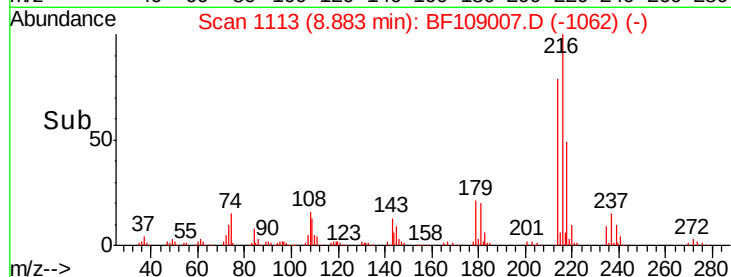


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.678 ng

RT: 8.87 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

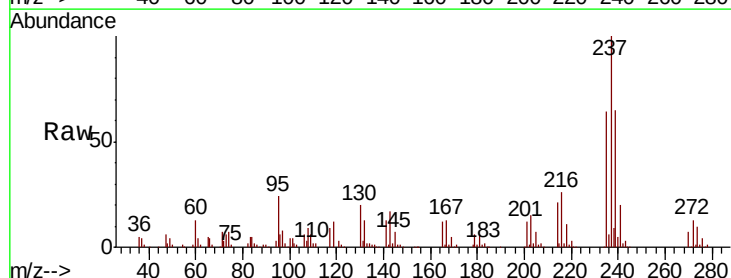
Tgt Ion:237 Resp: 178509

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

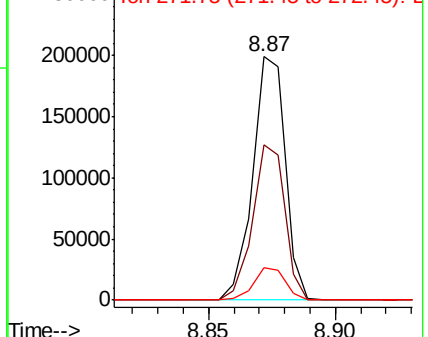
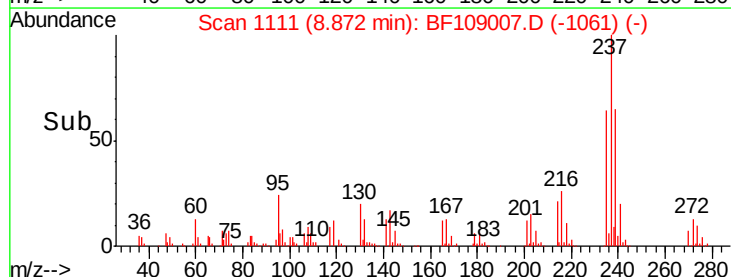
272 13.1 0.0 33.3

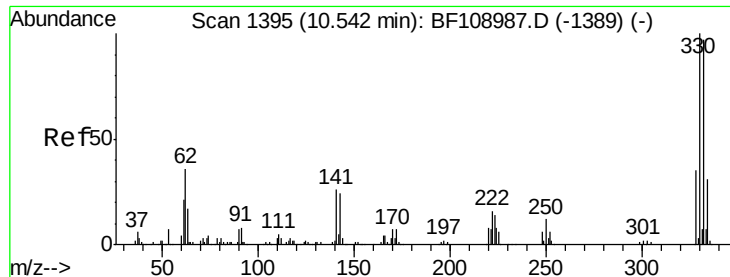


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

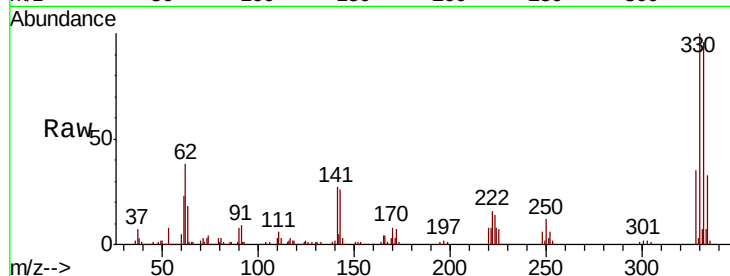




#41
 2,4,6-Tribromophenol
 Concen: 64.944 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.2	29.9	44.9

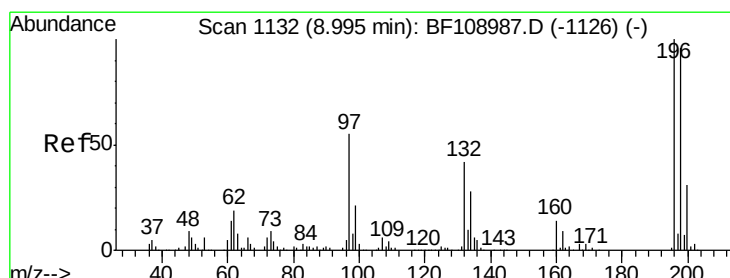
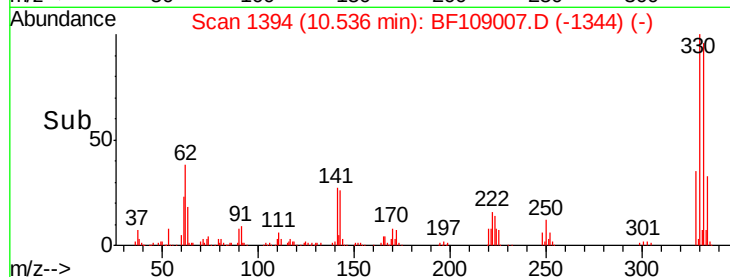
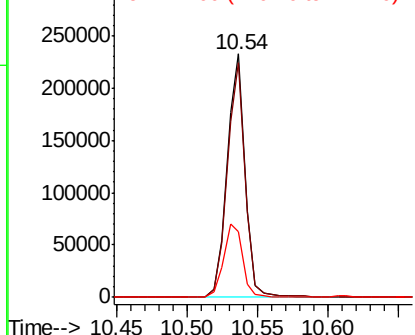


Abundance

Ion 329.80 (329.50 to 330.50): E

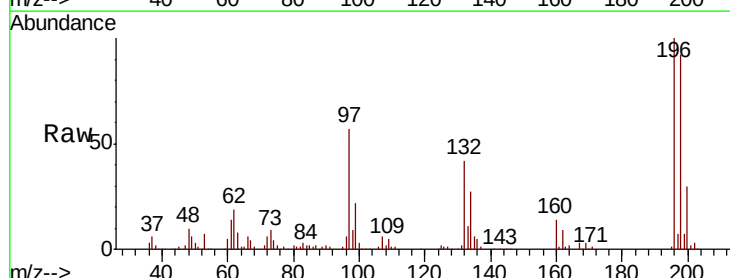
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 22.748 ng
 RT: 8.99 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.7	113.5
200	29.5	24.5	36.7

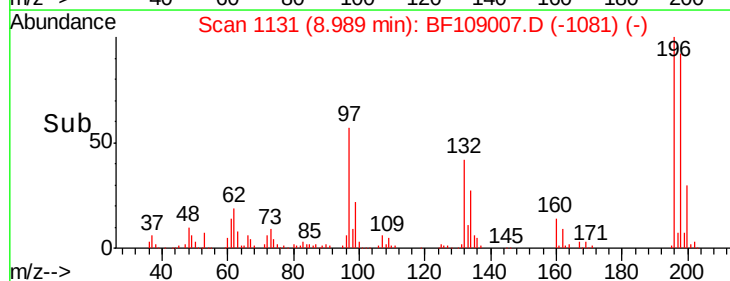
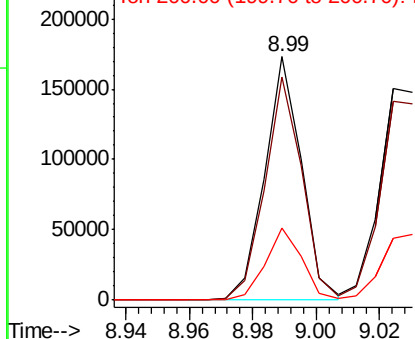


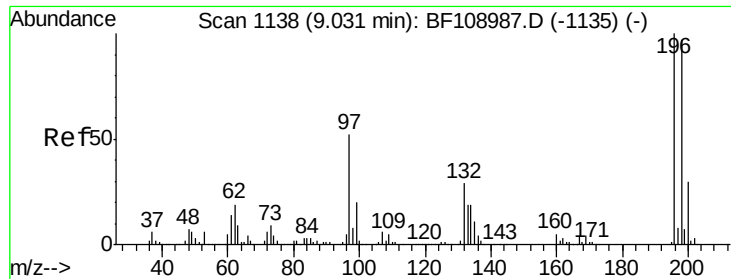
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

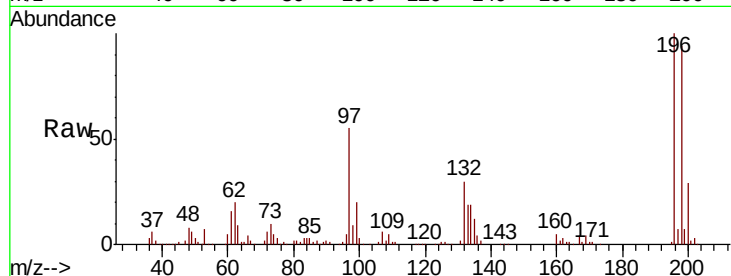




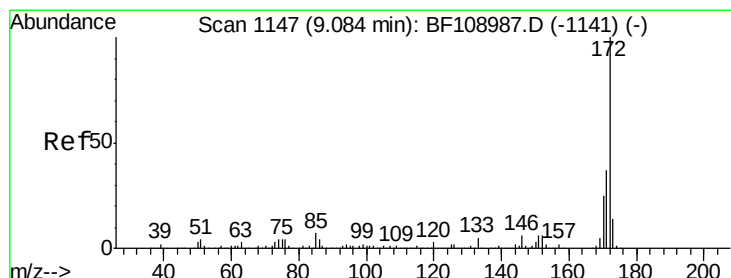
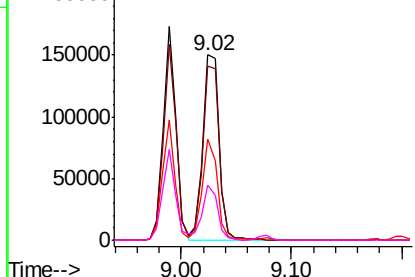
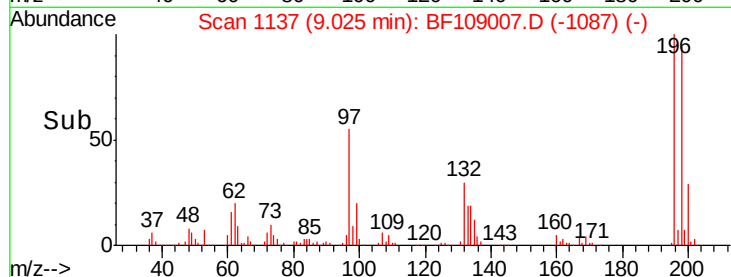
#43
 2,4,5-Trichlorophenol
 Concen: 23.201 ng
 RT: 9.02 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tgt Ion:	196	Resp:	149279
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	54.7	42.9	64.3
132	29.7	26.3	39.5

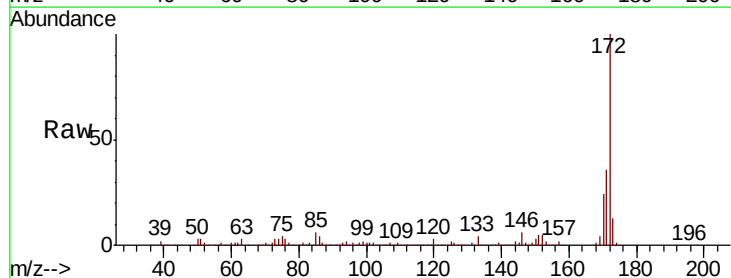


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

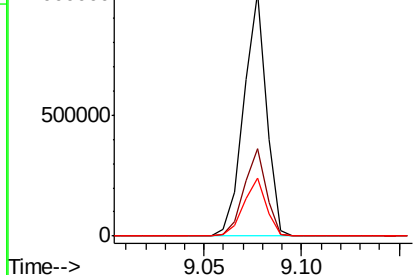
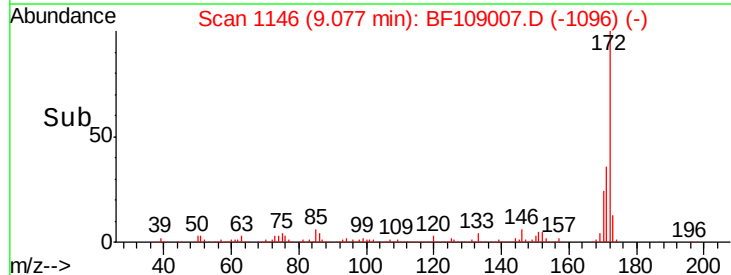


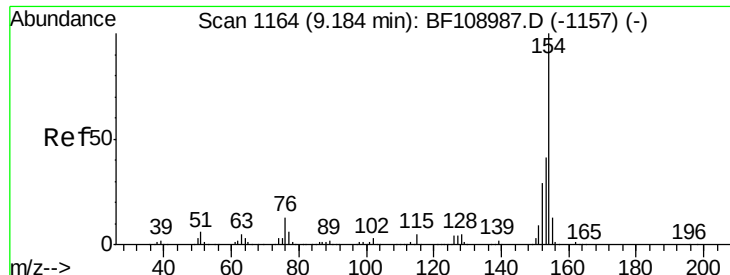
#44
 2-Fluorobiphenyl
 Concen: 43.475 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:	172	Resp:	807596
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	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

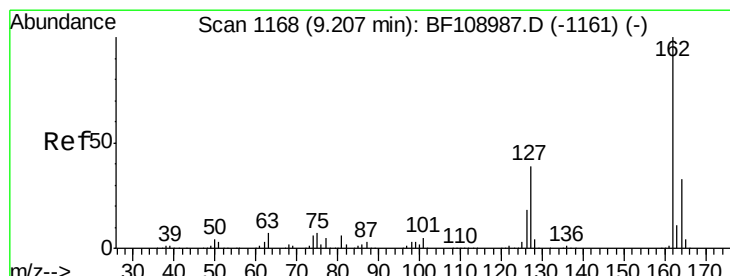
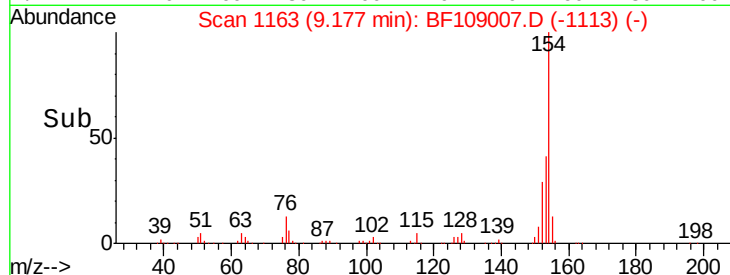
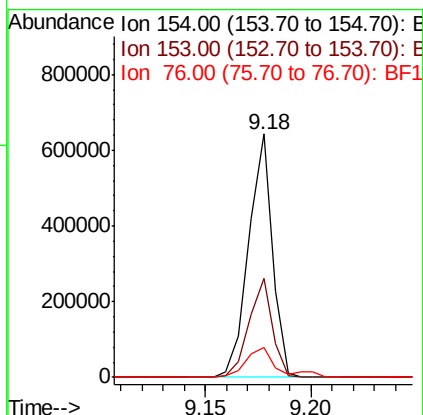
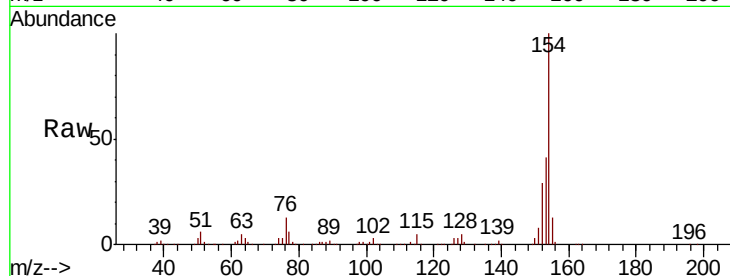




#45
 1,1'-Biphenyl
 Concen: 21.693 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

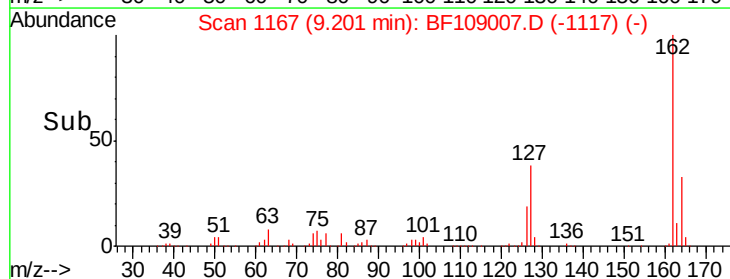
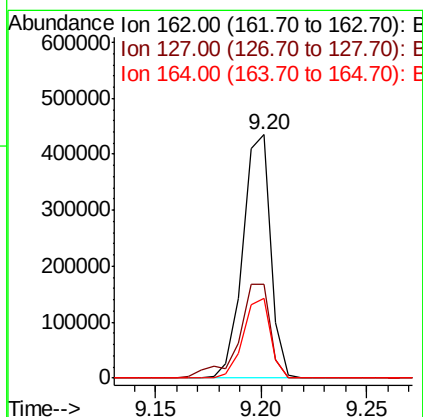
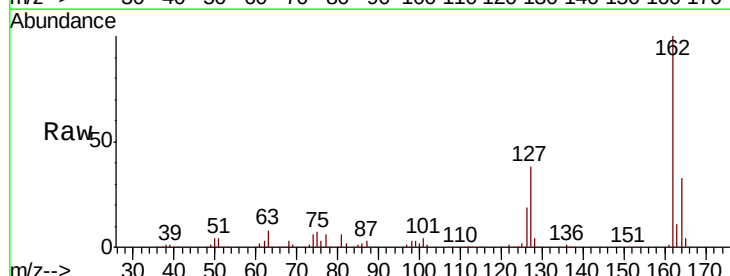
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

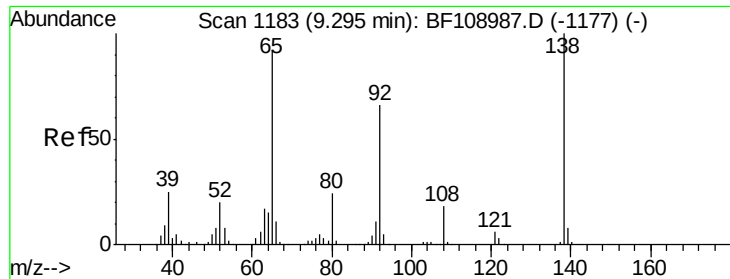
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.5	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 21.222 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.9	50.9
164	33.0	26.5	39.7





#47

2-Nitroaniline

Concen: 22.508 ng

RT: 9.29 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

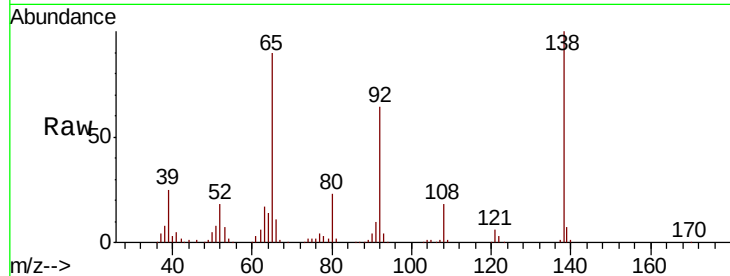
Tgt Ion: 65 Resp: 129032

Ion Ratio Lower Upper

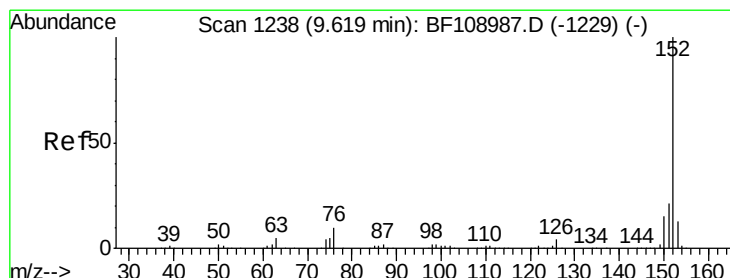
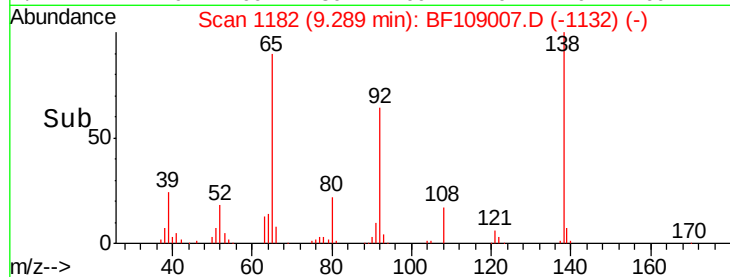
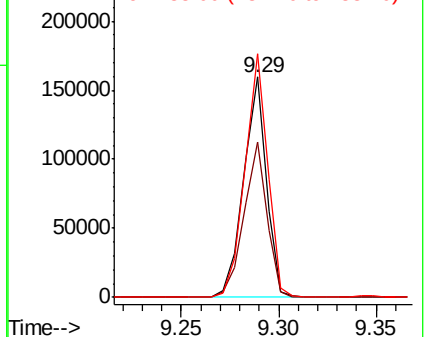
65 100

92 70.5 55.8 83.6

138 110.5 91.2 136.8



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



#48

Acenaphthylene

Concen: 23.196 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

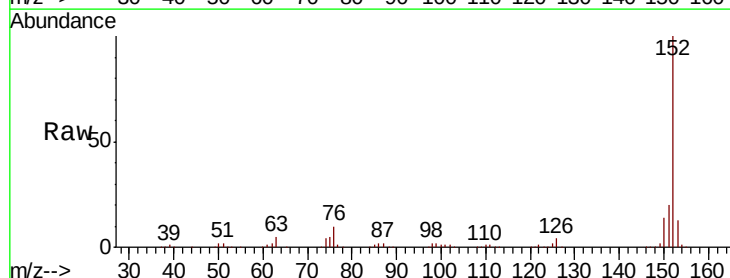
Tgt Ion: 152 Resp: 652151

Ion Ratio Lower Upper

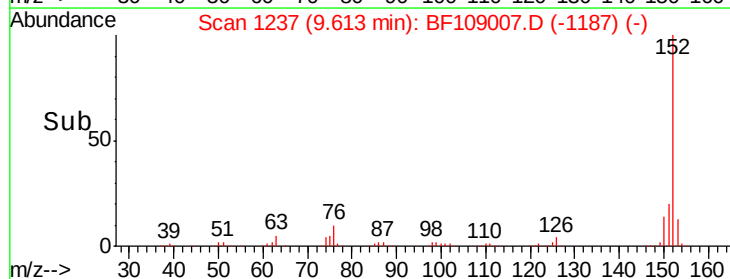
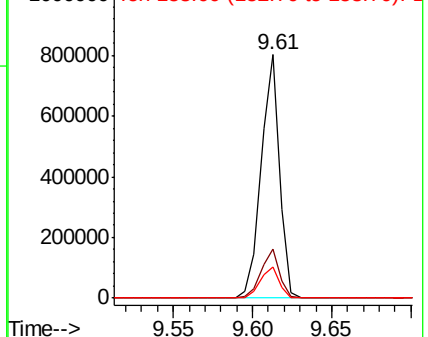
152 100

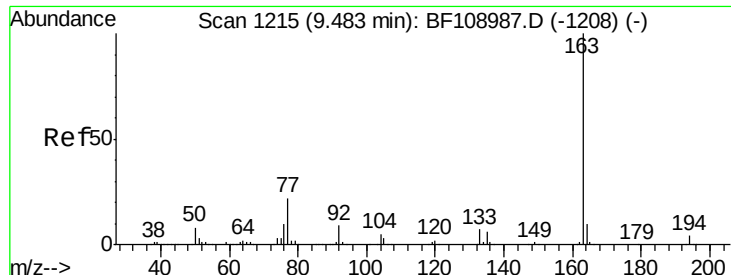
151 20.1 16.3 24.5

153 12.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 27.001 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

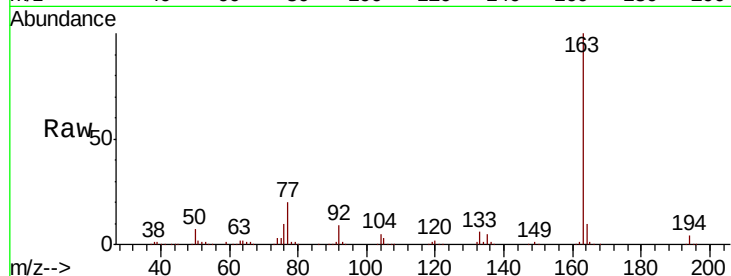
Tgt Ion:163 Resp: 561657

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

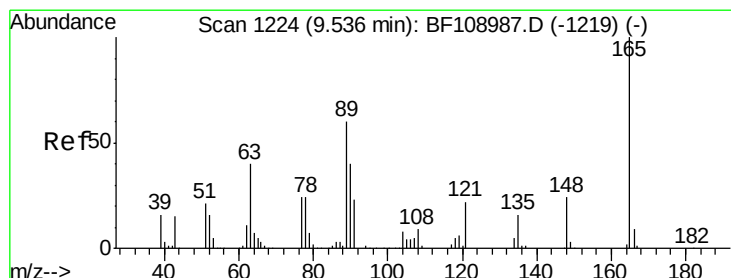
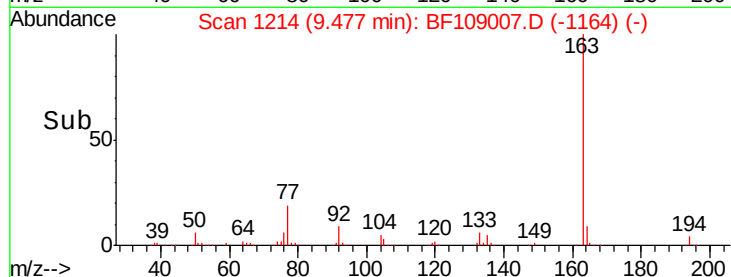
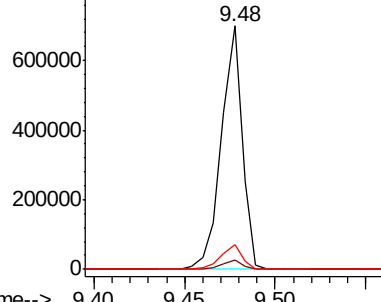
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 22.616 ng

RT: 9.53 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

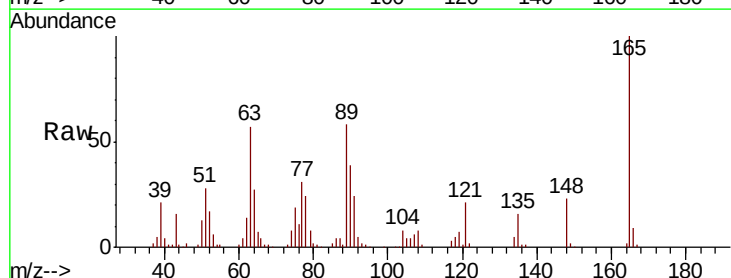
Tgt Ion:165 Resp: 104331

Ion Ratio Lower Upper

165 100

63 57.2 44.7 67.1

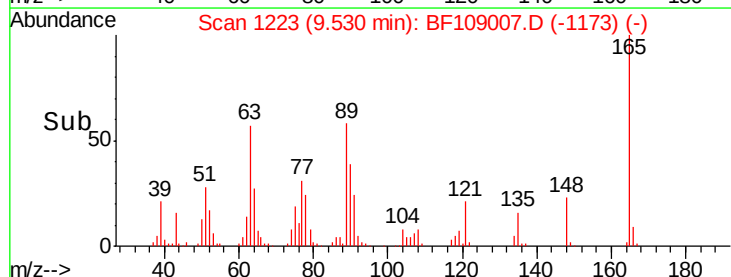
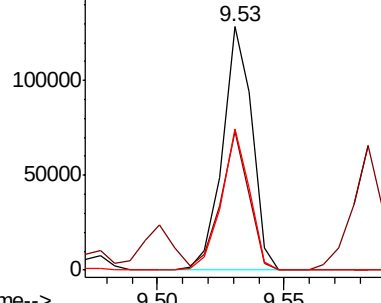
89 57.9 44.0 66.0

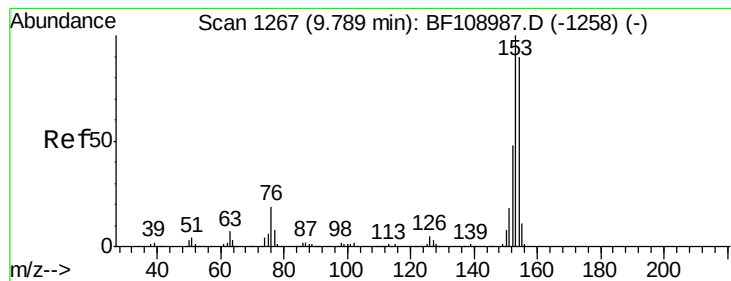


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 22.124 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

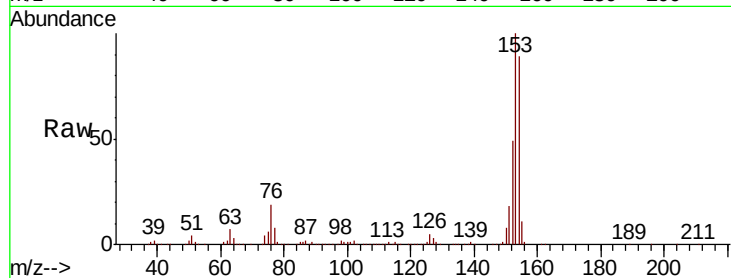
Tgt Ion:154 Resp: 387332

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

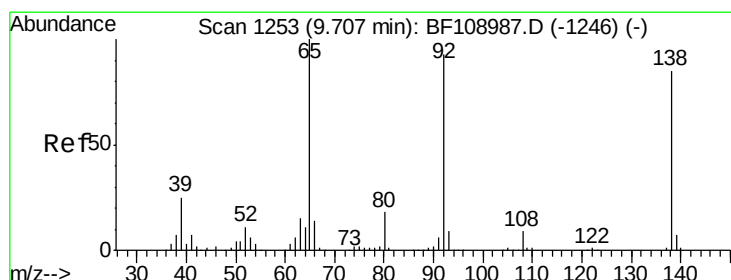
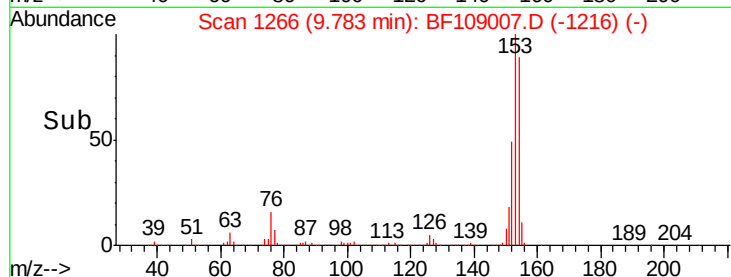
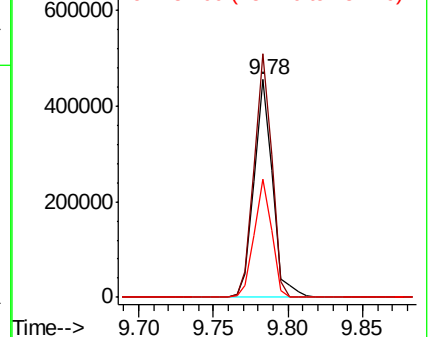
152 54.4 43.8 65.8



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: 20.301 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

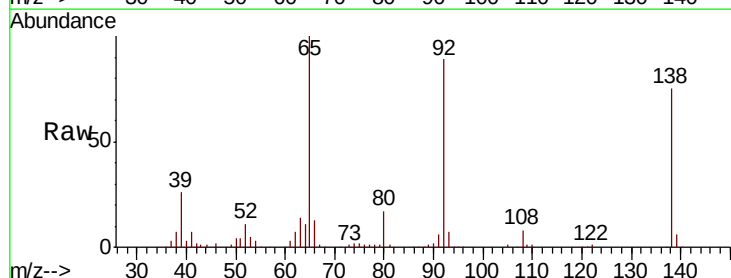
Tgt Ion:138 Resp: 110277

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

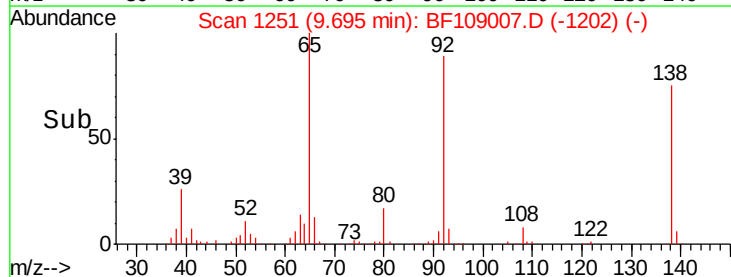
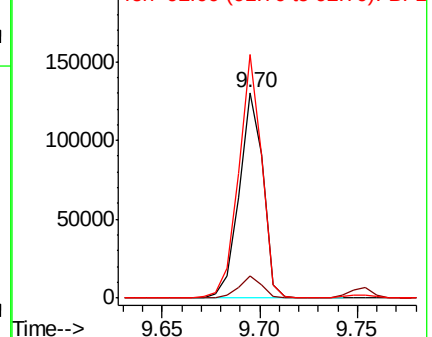
92 118.6 89.4 134.2

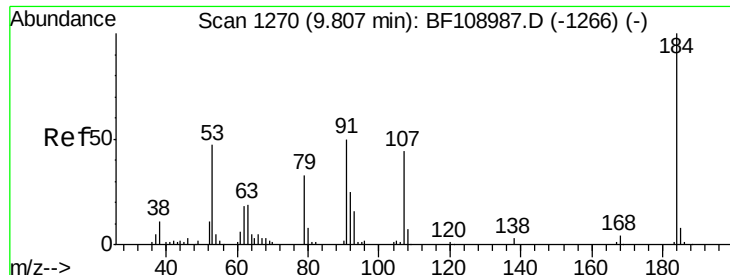


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

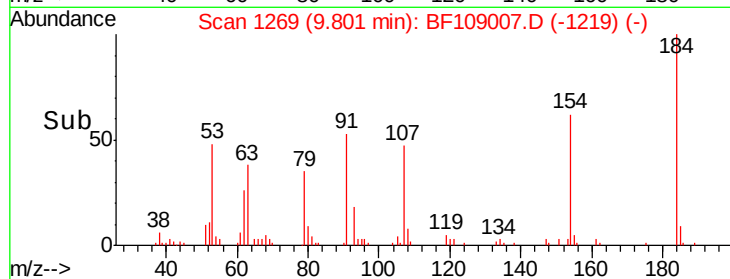
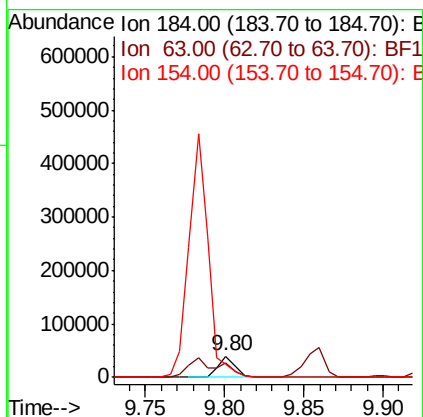
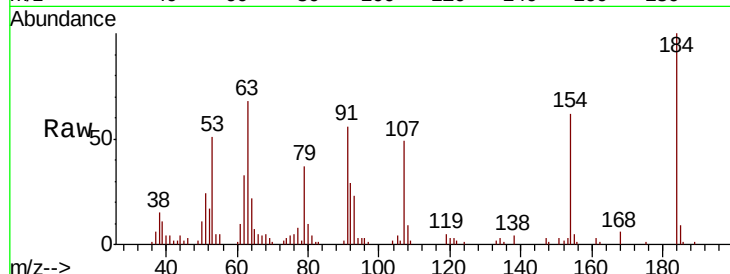




#53
 2,4-Dinitrophenol
 Concen: 17.216 ng
 RT: 9.80 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

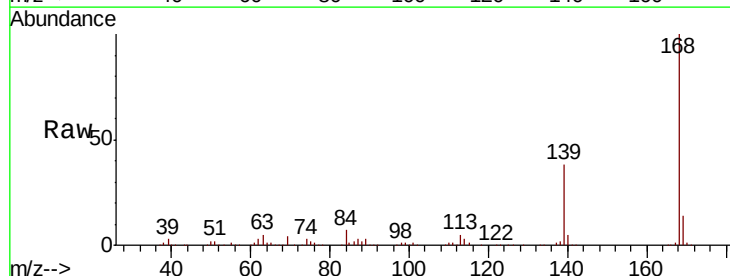
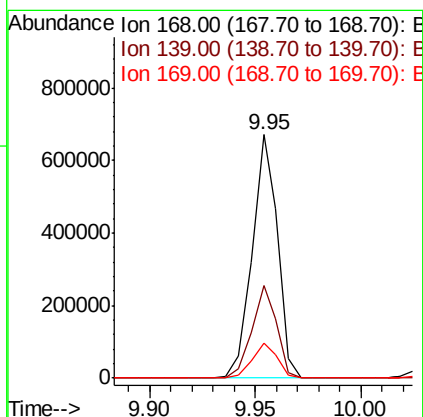
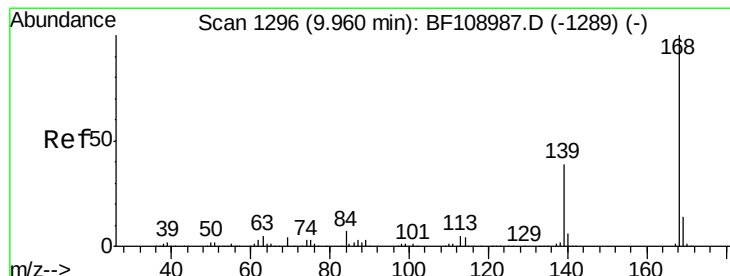
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

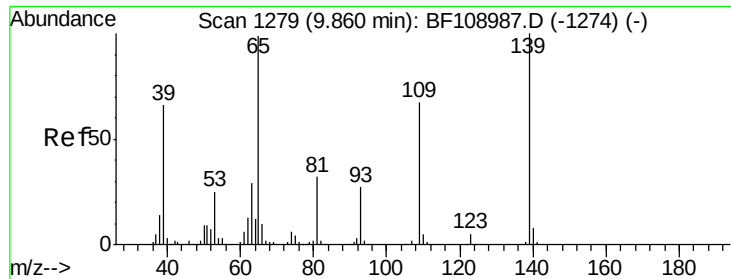
Tgt Ion:184 Resp: 30608
 Ion Ratio Lower Upper
 184 100
 63 67.6 54.2 81.2
 154 61.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 22.100 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:168 Resp: 559099
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 14.2 10.9 16.3

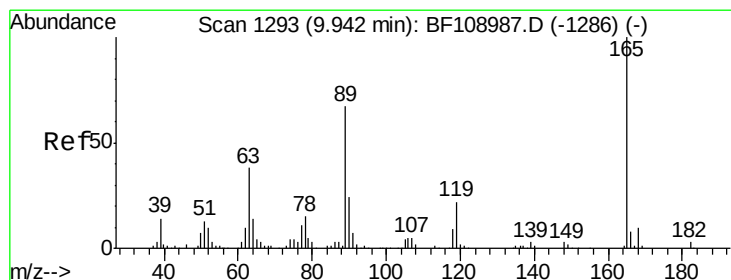
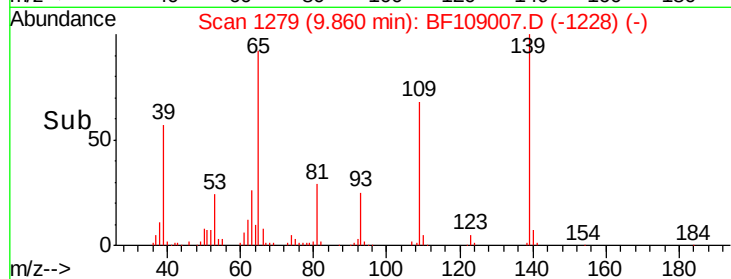
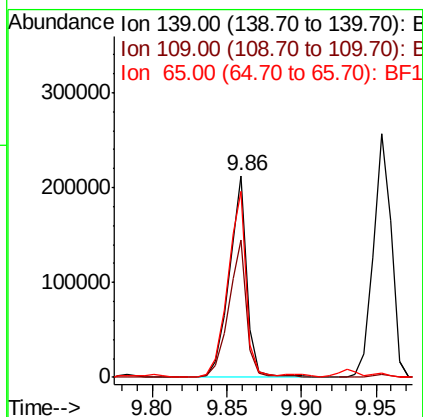
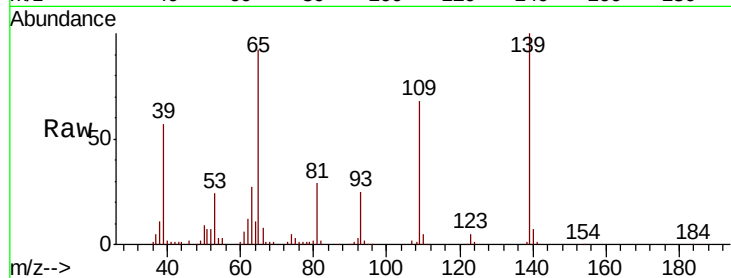




#55
4-Nitrophenol
Concen: 45.111 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

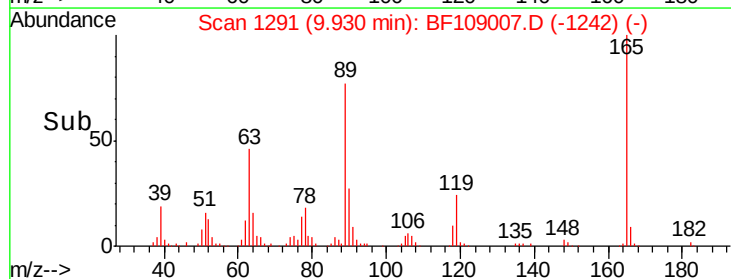
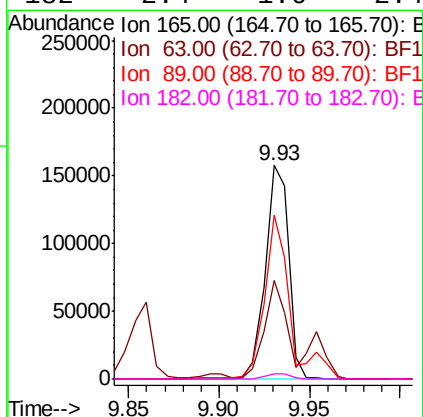
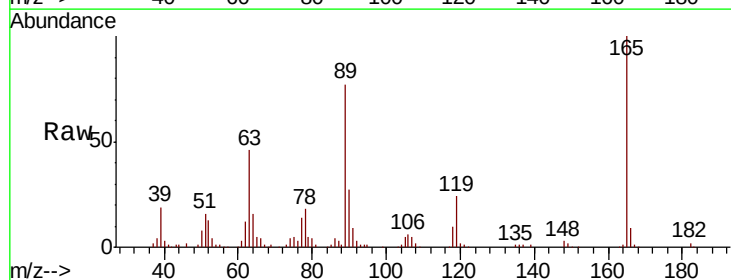
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

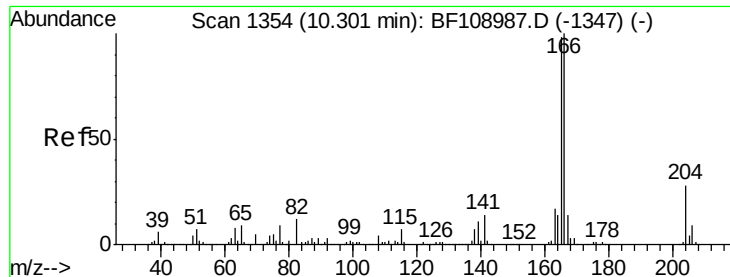
Tgt Ion:139 Resp: 180541
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 92.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 23.315 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:165 Resp: 140662
Ion Ratio Lower Upper
165 100
63 46.0 36.4 54.6
89 76.6 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 25.038 ng

RT: 10.30 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

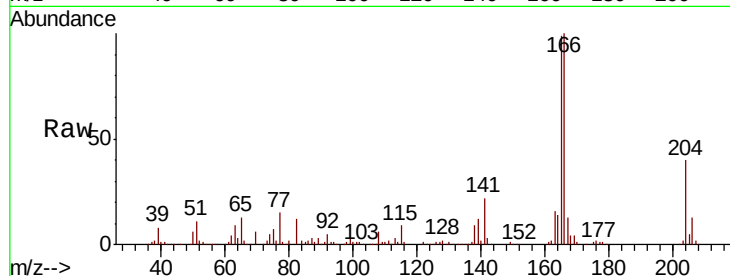
Tgt Ion:166 Resp: 422121

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

167 13.5 10.6 16.0

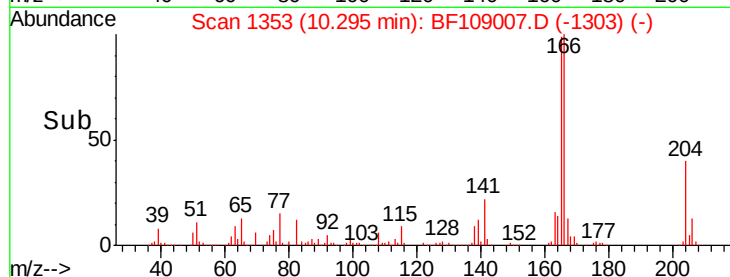


Abundance Ion 166.00 (165.70 to 166.70): E

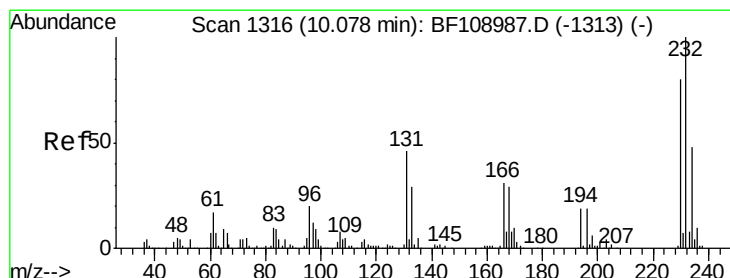
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.30



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.331 ng

RT: 10.07 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion:232 Resp: 124296

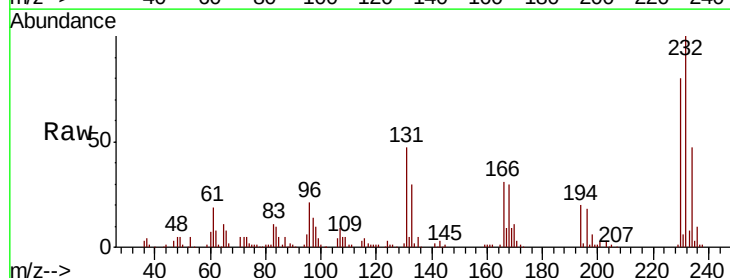
Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.1 2.1 3.1

166 29.2 27.8 41.6



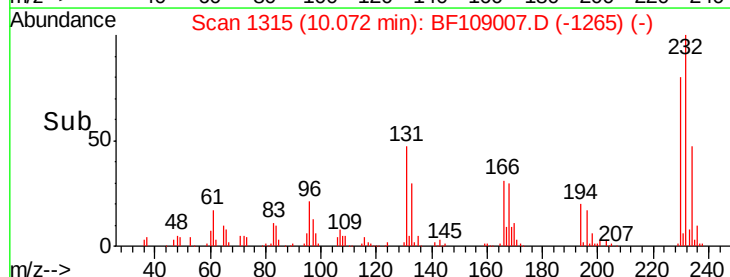
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

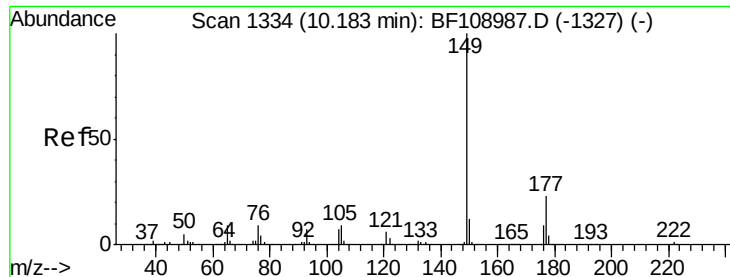
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.07



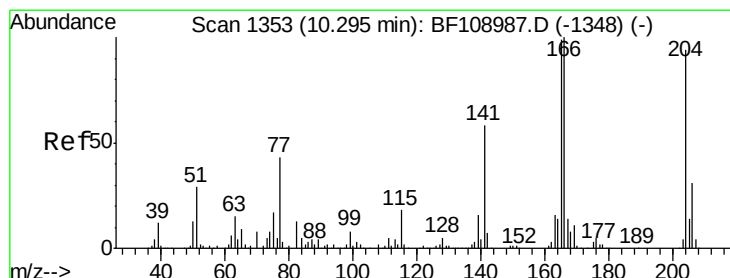
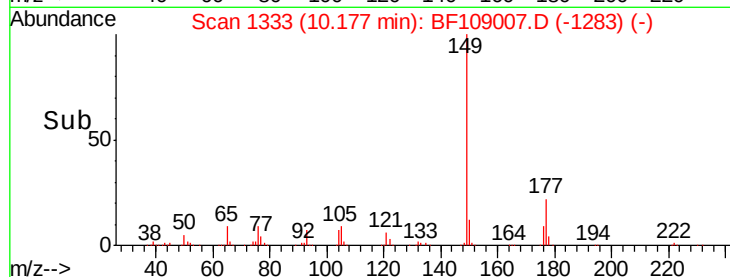
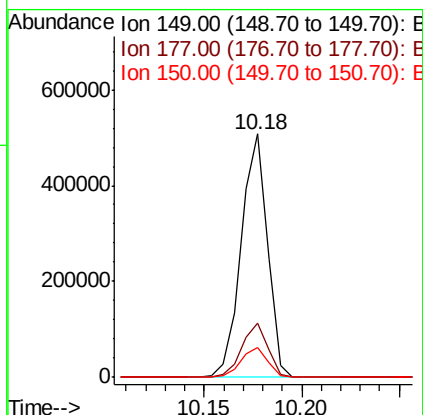
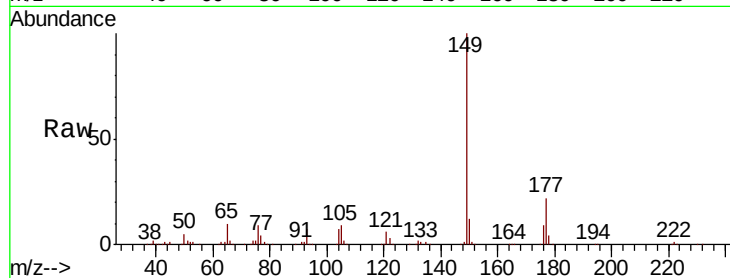
Time-->



#59
Diethylphthalate
Concen: 22.547 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

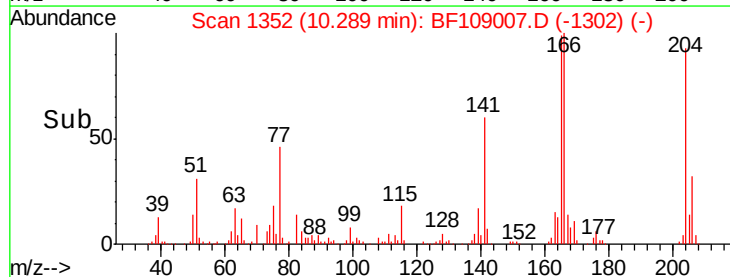
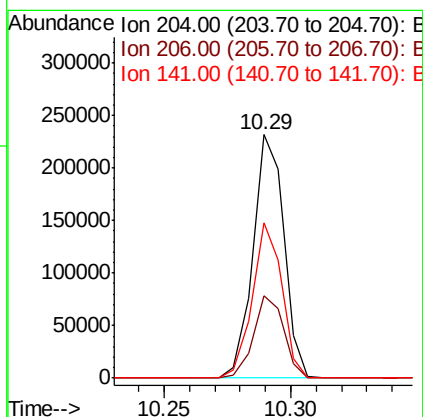
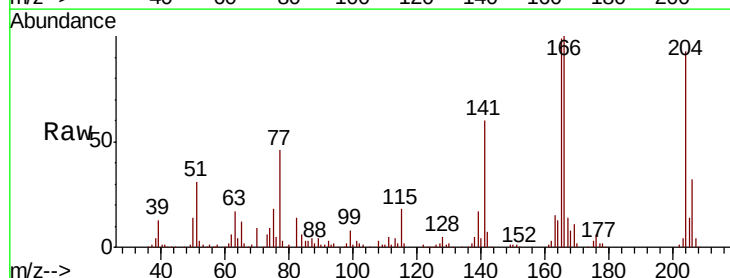
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

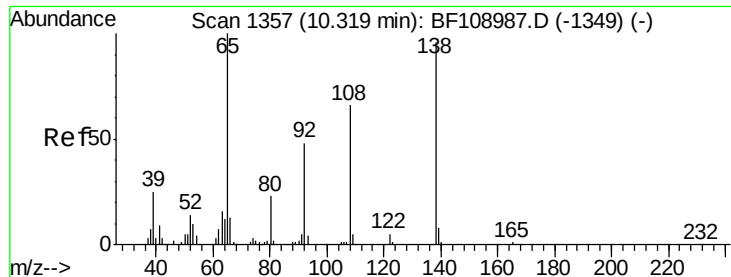
Tgt Ion:149 Resp: 473631
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.885 ng
RT: 10.29 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:204 Resp: 197570
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 64.0 54.6 81.8





#61

4-Nitroaniline

Concen: 22.467 ng

RT: 10.31 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

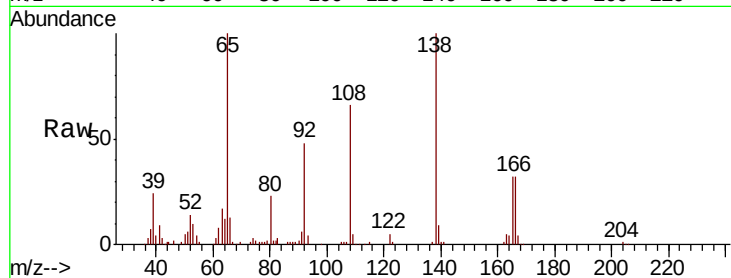
Tgt Ion:138 Resp: 115950

Ion Ratio Lower Upper

138 100

92 48.3 30.2 70.2

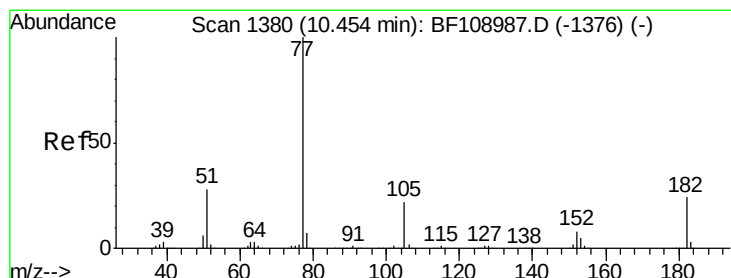
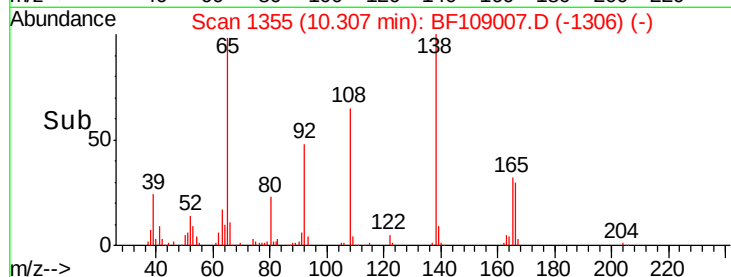
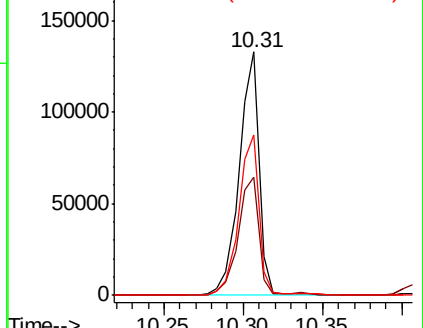
108 66.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 22.053 ng

RT: 10.45 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Tgt Ion: 77 Resp: 474195

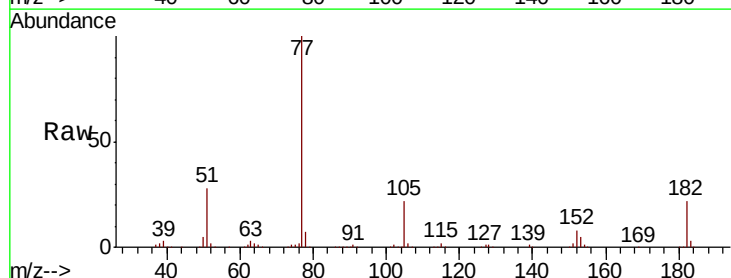
Ion Ratio Lower Upper

77 100

182 22.3 1.7 41.7

105 22.2 3.0 43.0

51 27.5 9.9 49.9

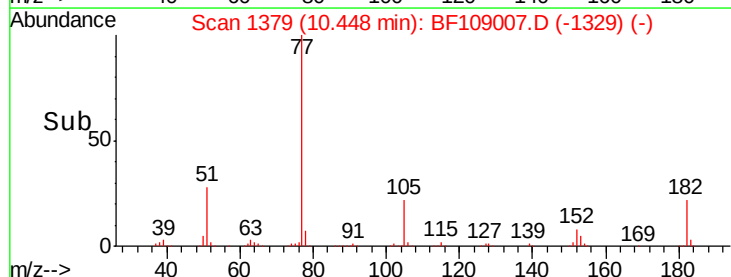
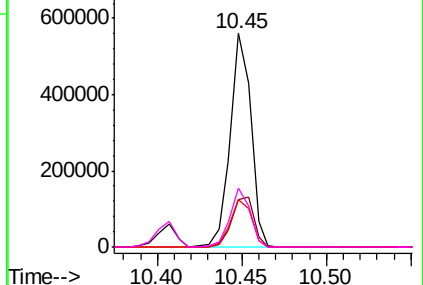


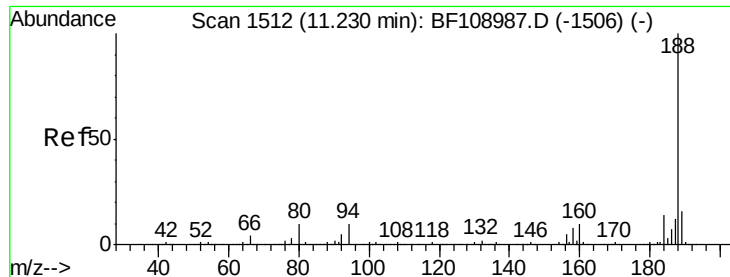
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

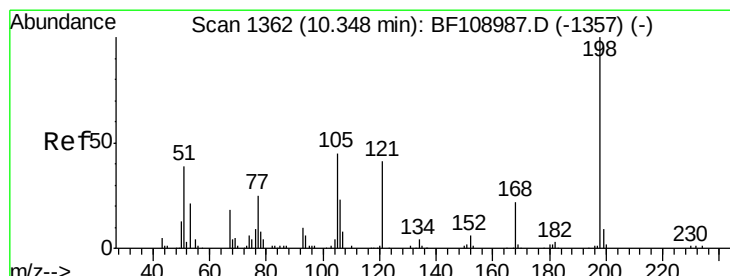
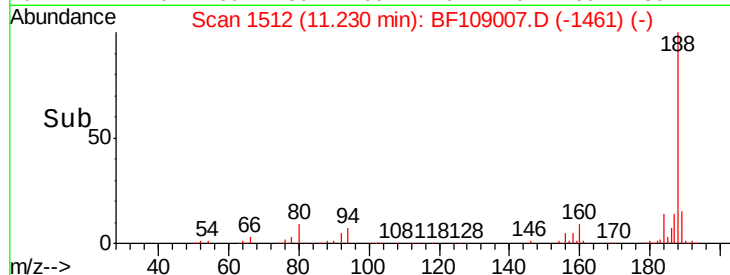
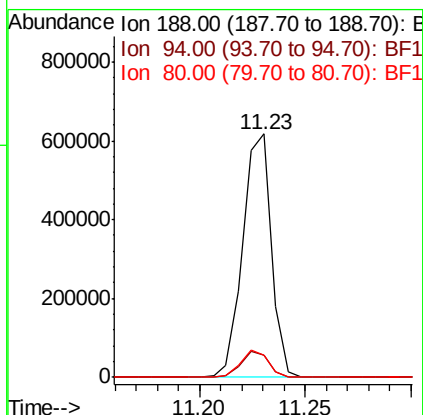
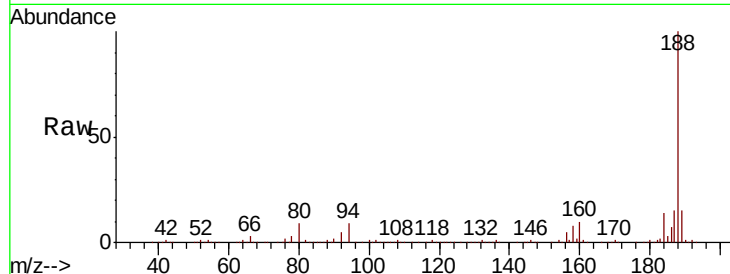




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

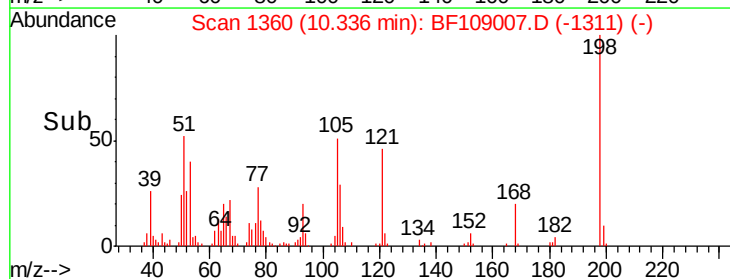
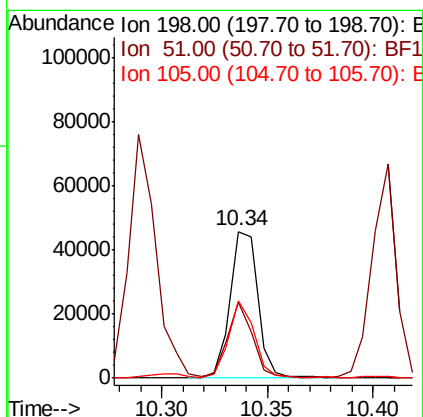
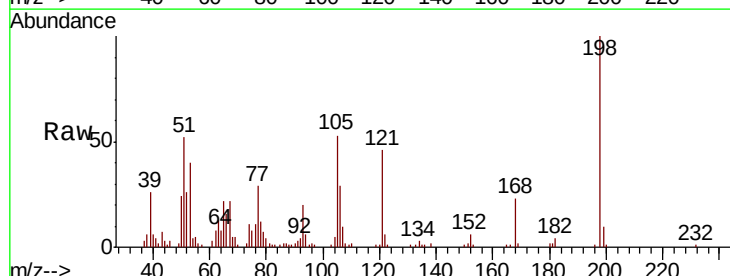
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

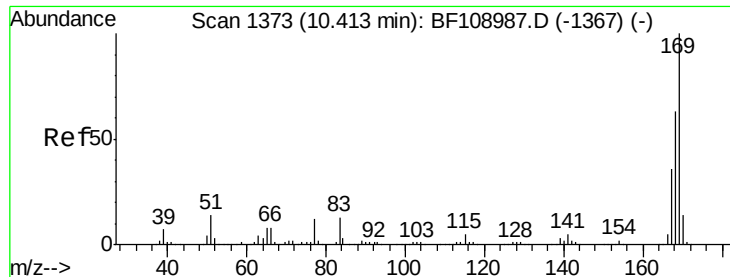
Tgt Ion:188 Resp: 580682
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 14.956 ng
RT: 10.34 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:198 Resp: 41551
Ion Ratio Lower Upper
198 100
51 52.2 37.7 77.7
105 52.5 36.3 76.3

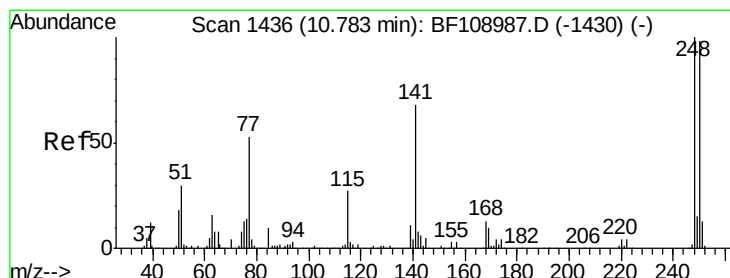
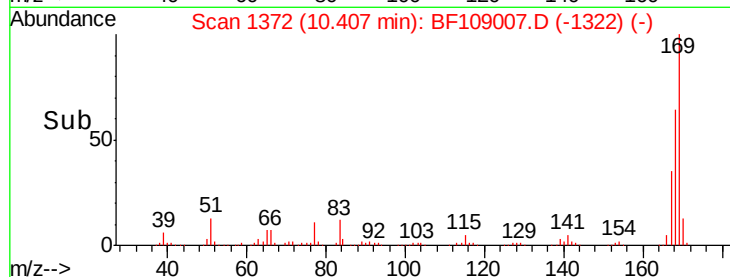
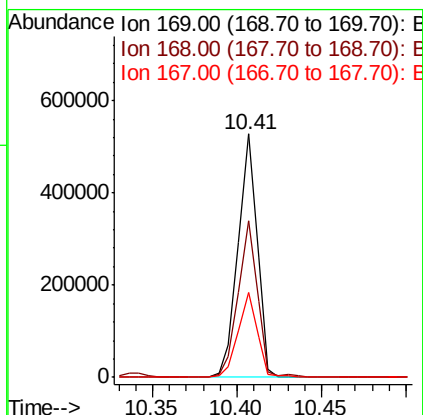
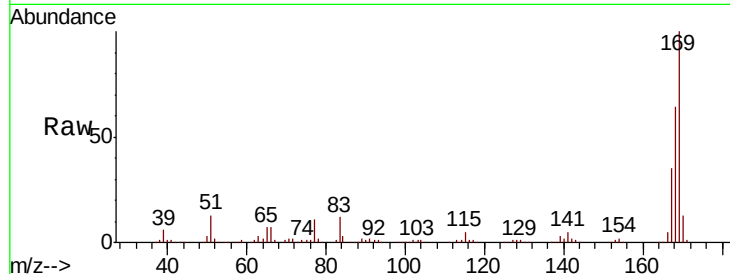




#65
 n-Nitrosodiphenylamine
 Concen: 22.021 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

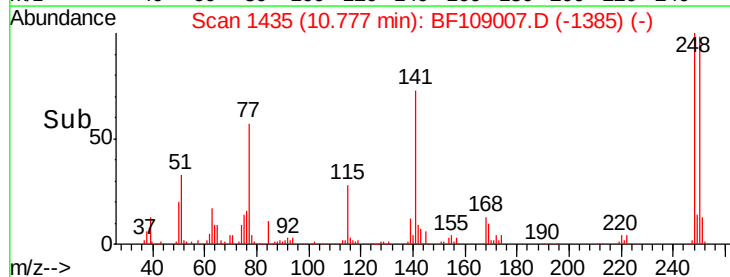
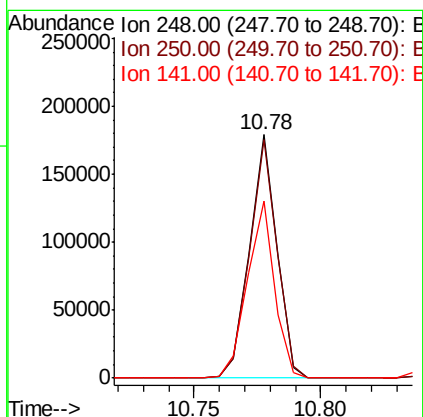
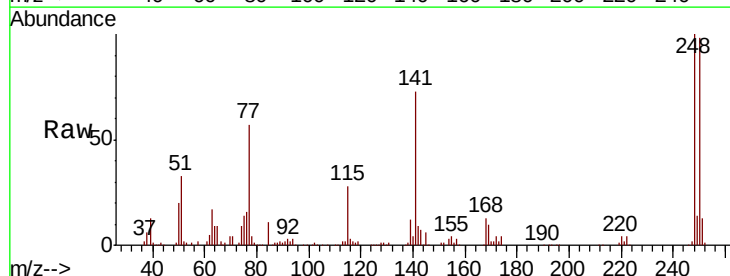
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

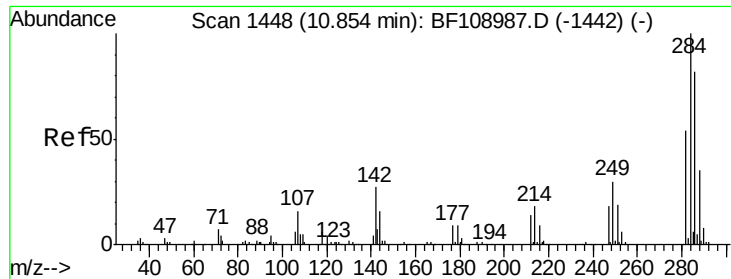
Tgt Ion:169 Resp: 418282
 Ion Ratio Lower Upper
 169 100
 168 64.3 54.4 81.6
 167 34.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 20.670 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:248 Resp: 135313
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 72.6 74.4 111.6#

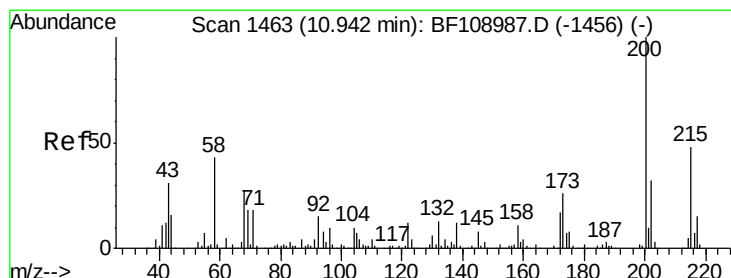
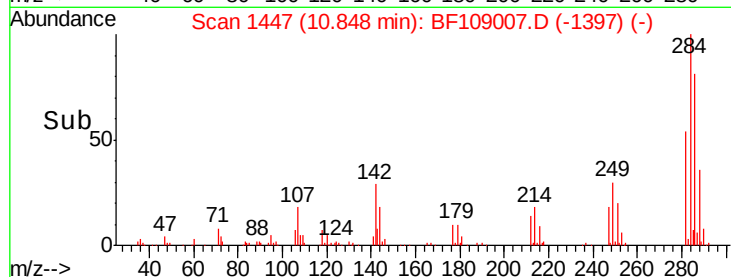
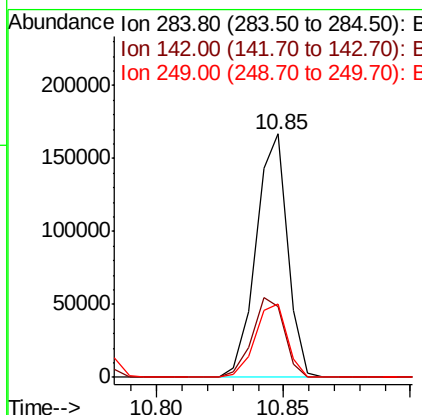
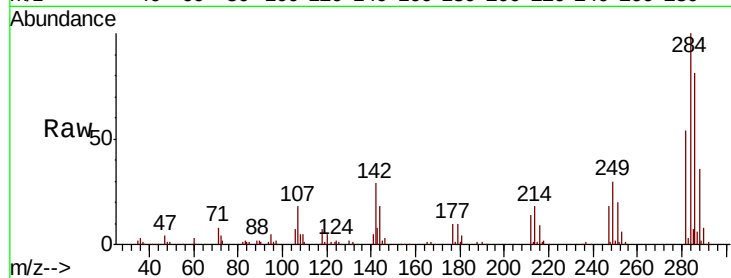




#67
Hexachlorobenzene
Concen: 20.730 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

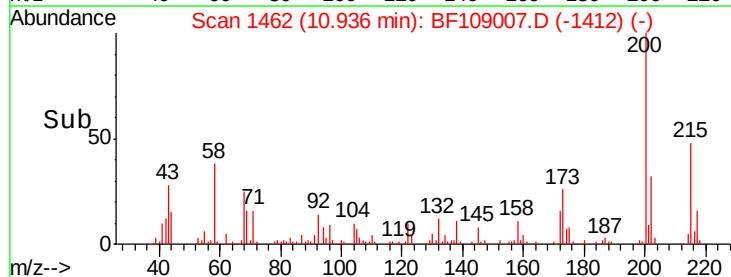
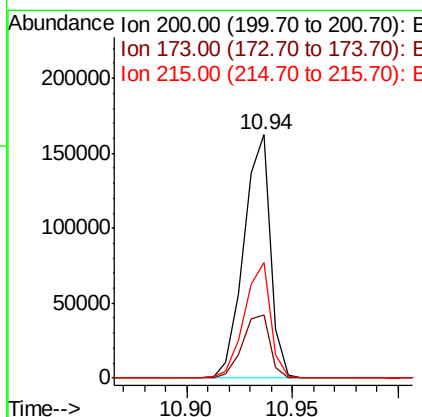
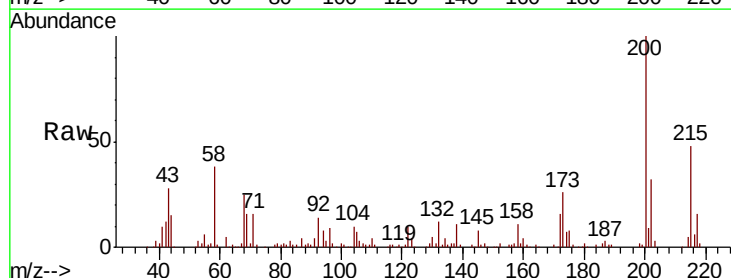
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

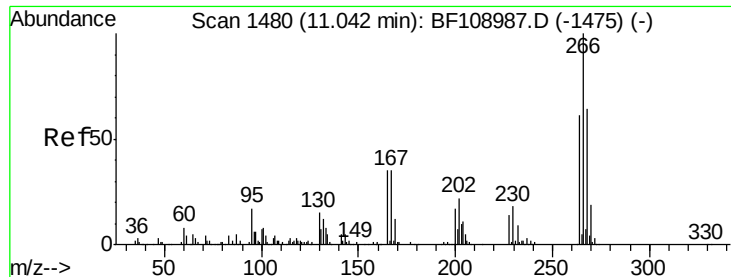
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	34.6	52.0#
249	30.3	24.8	37.2



#68
Atrazine
Concen: 23.351 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	47.6	25.1	65.1

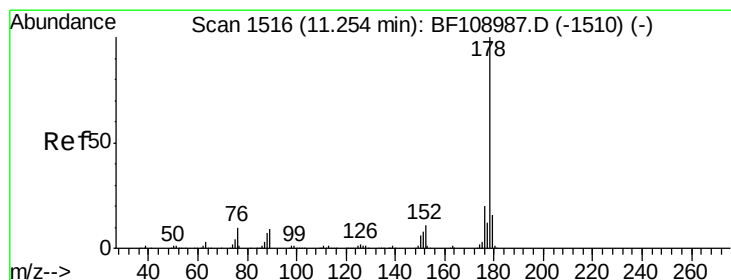
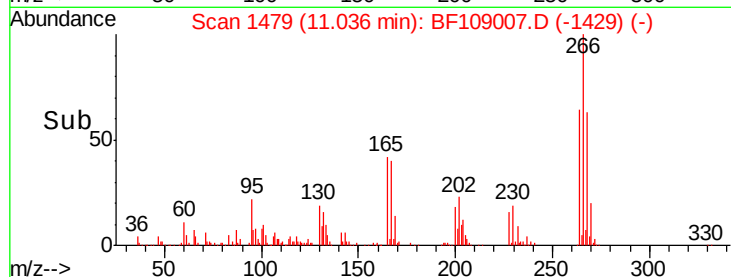
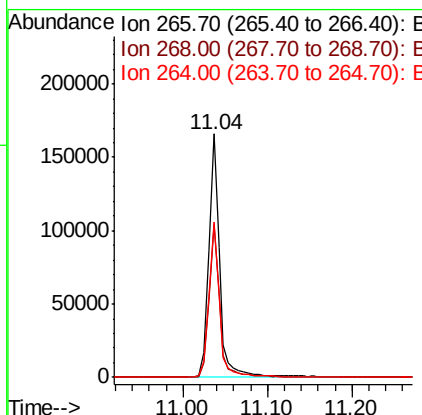
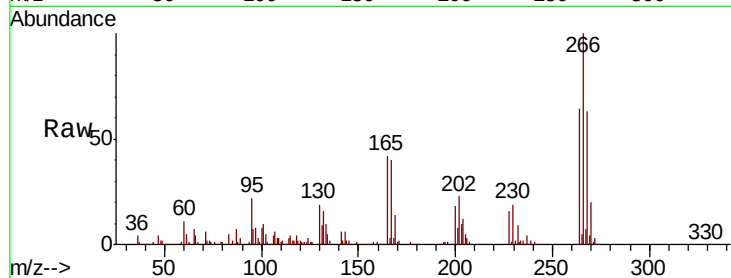




#69
 Pentachlorophenol
 Concen: 33.519 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

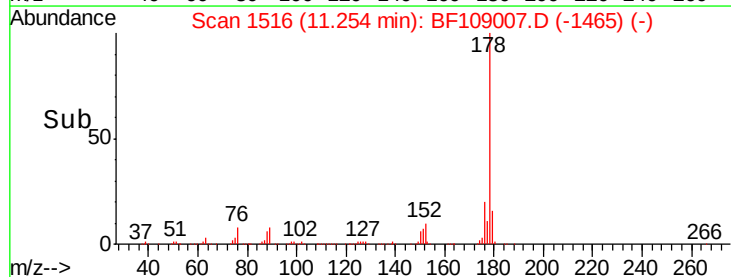
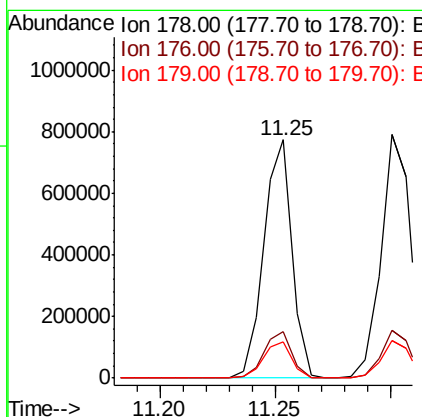
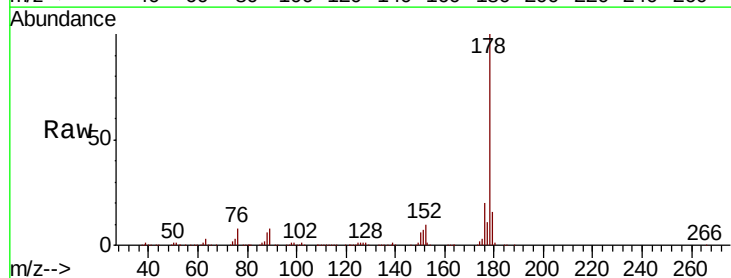
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

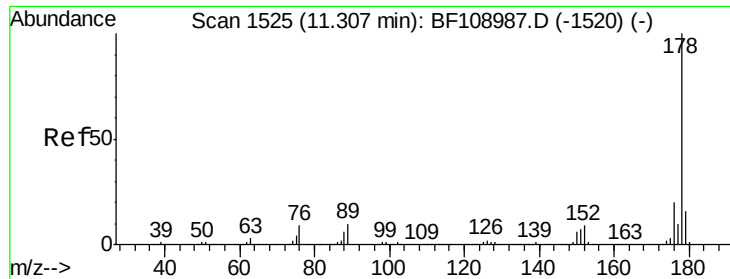
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 23.068 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6

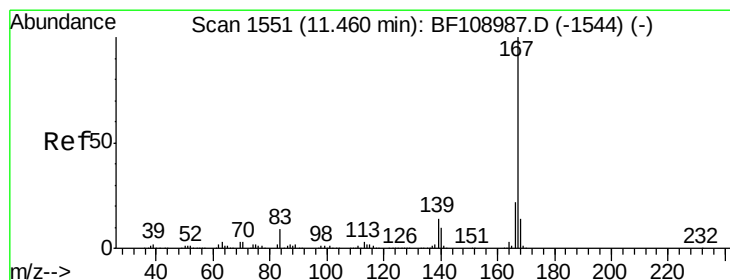
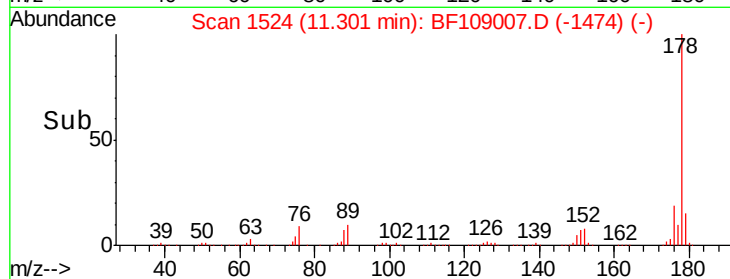
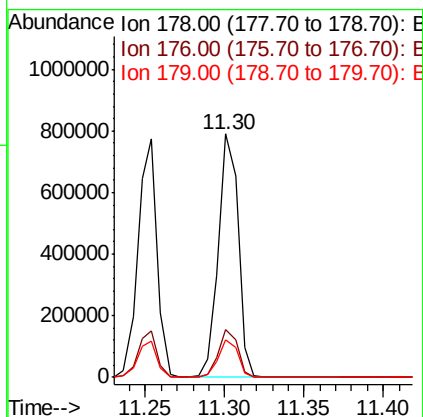
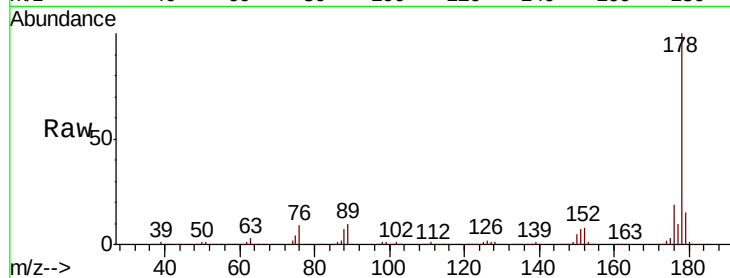




#71
 Anthracene
 Concen: 23.847 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

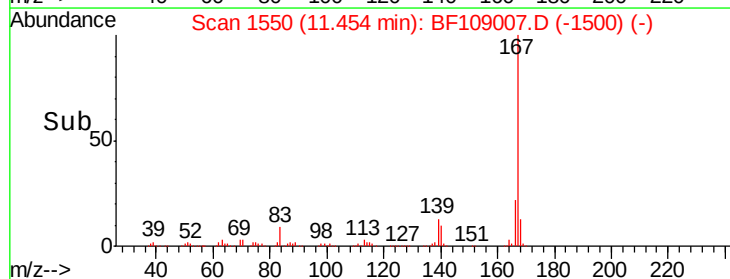
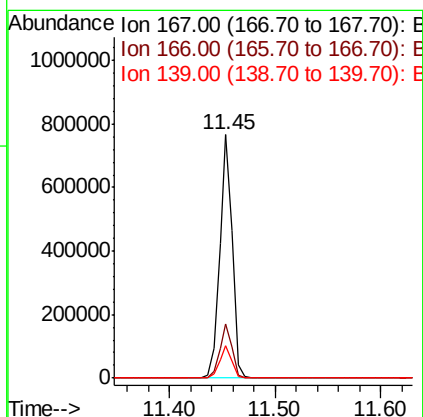
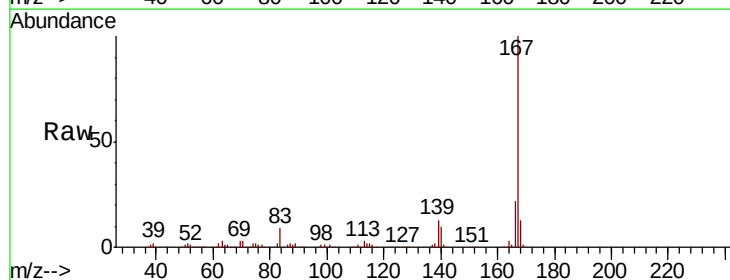
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

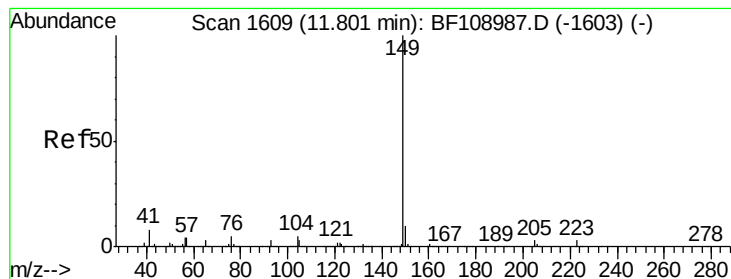
Tgt Ion:178 Resp: 688090
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 22.447 ng
 RT: 11.45 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:167 Resp: 641186
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 22.811 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

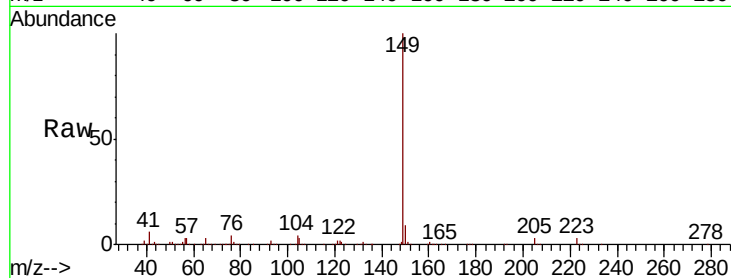
Tgt Ion:149 Resp: 762712

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

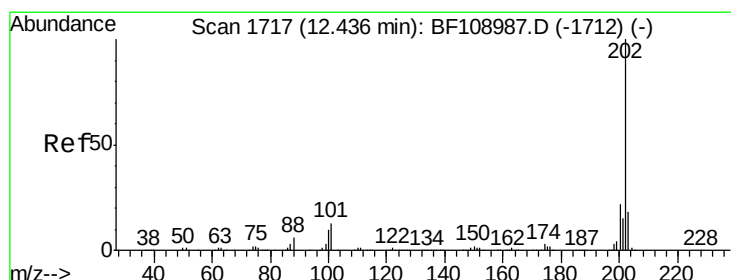
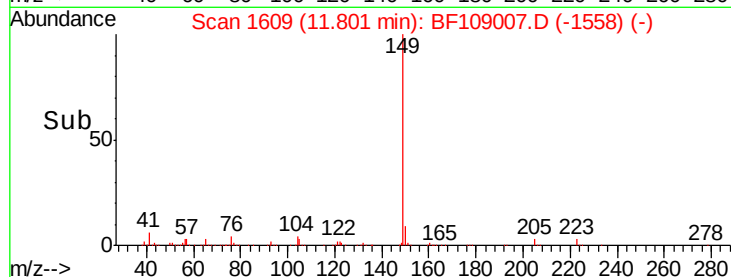
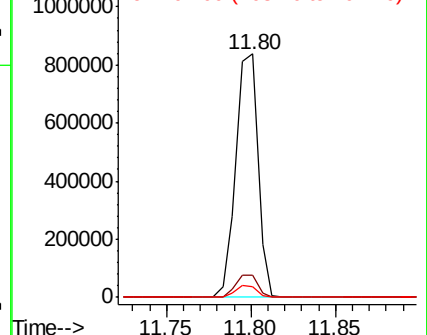
104 4.5 3.8 5.8



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: 23.628 ng

RT: 12.43 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

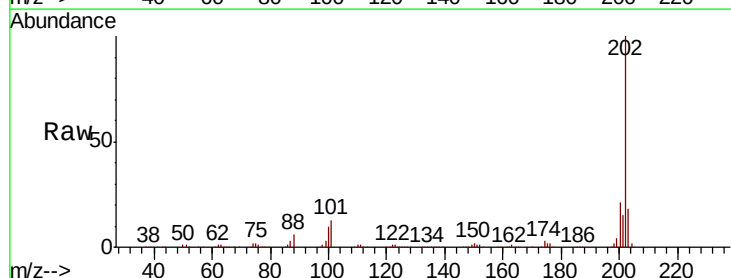
Tgt Ion:202 Resp: 710042

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

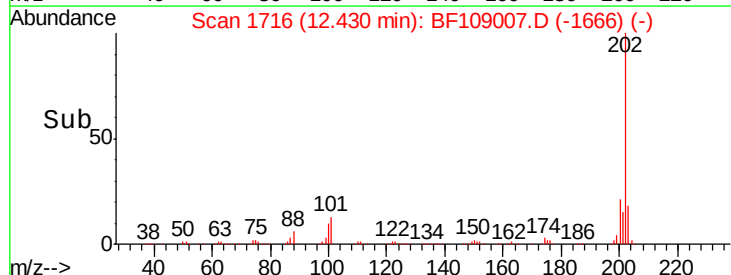
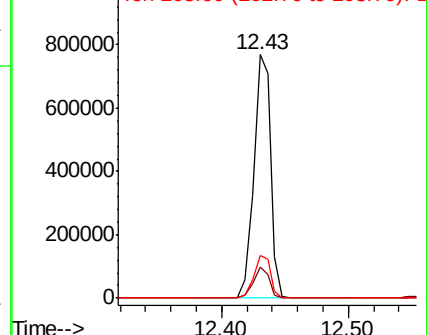
203 17.7 0.0 38.1

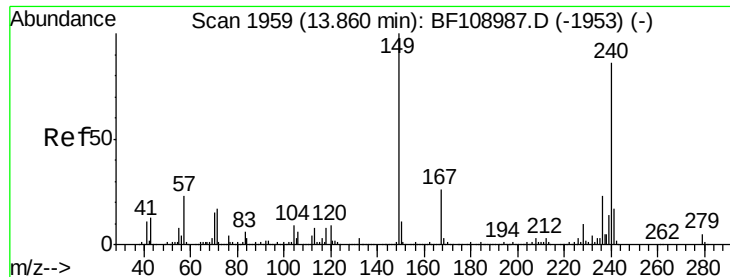


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

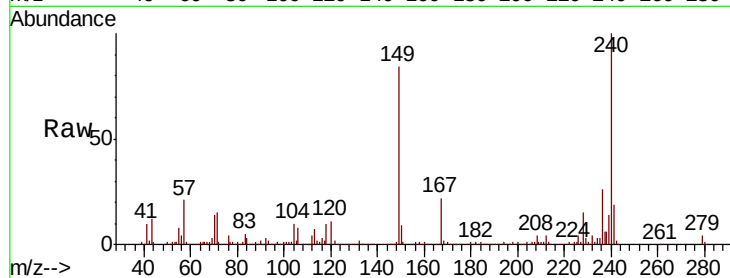
Tgt Ion:240 Resp: 432133

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

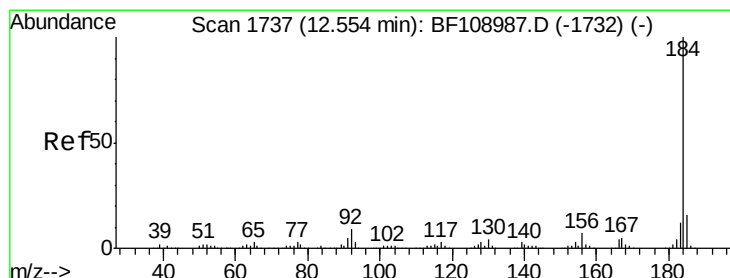
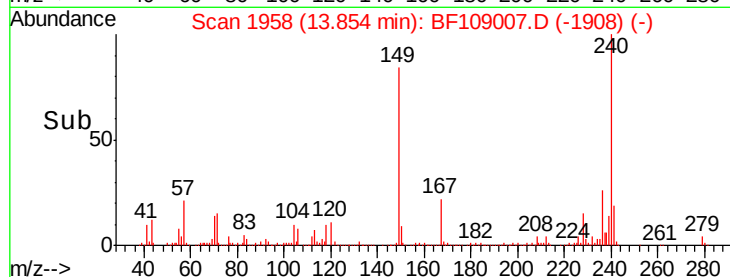
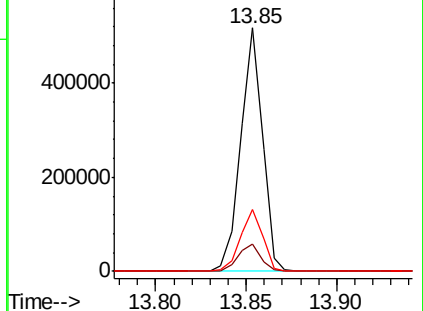
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.630 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

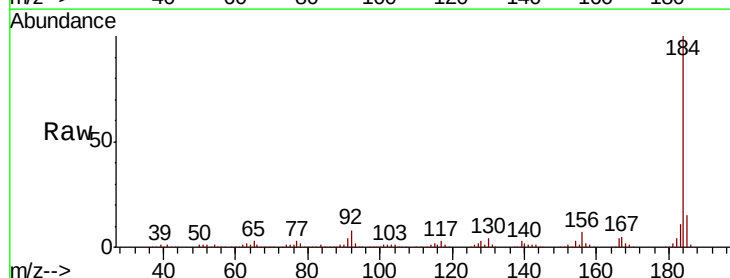
Tgt Ion:184 Resp: 499144

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

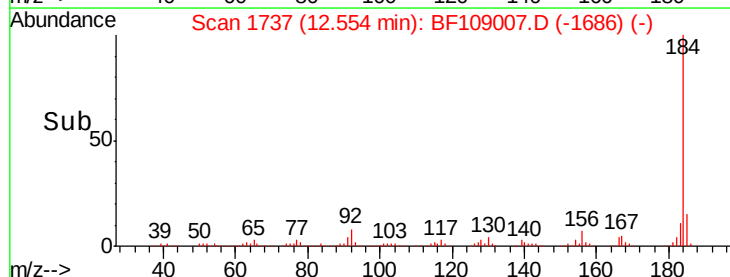
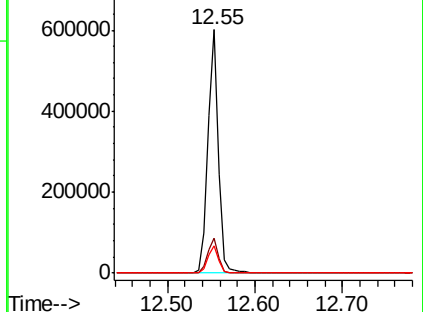
183 11.4 9.3 13.9

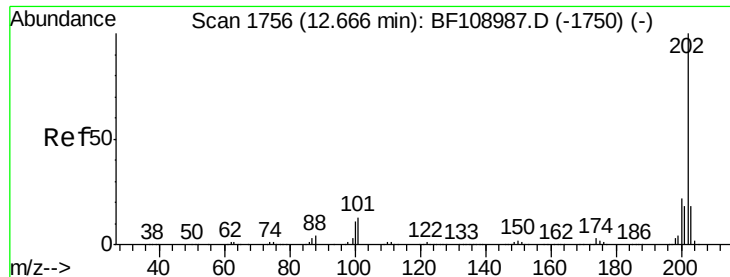


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

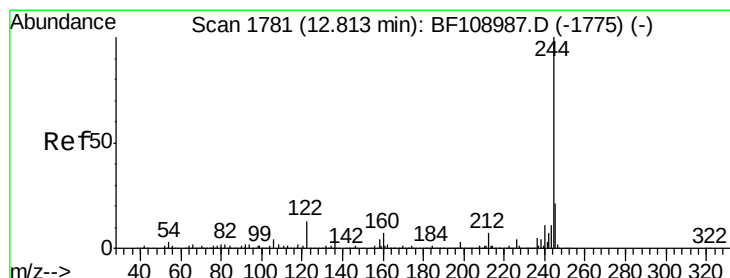
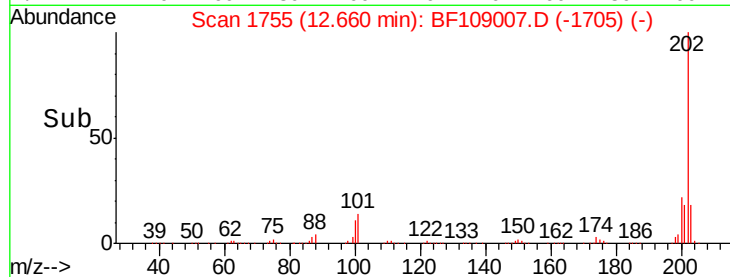
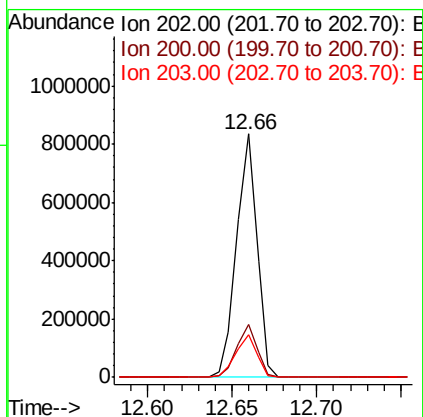
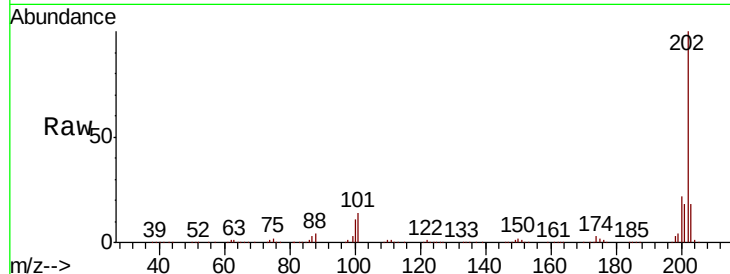




#77
 Pyrene
 Concen: 21.923 ng
 RT: 12.66 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

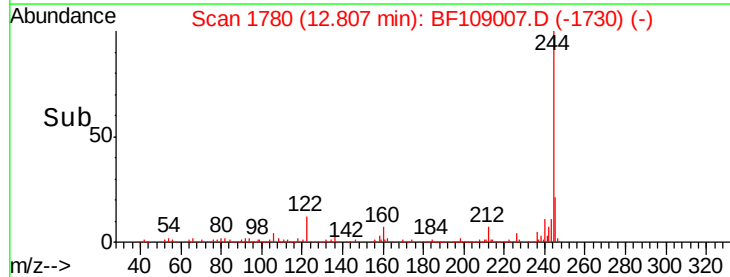
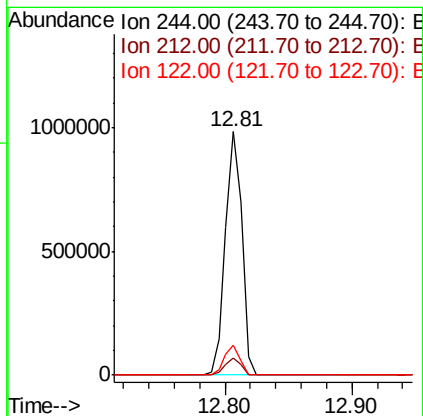
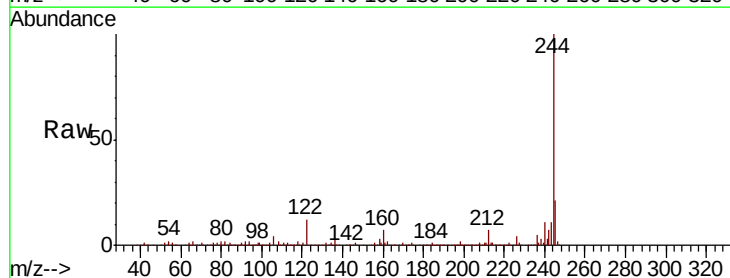
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

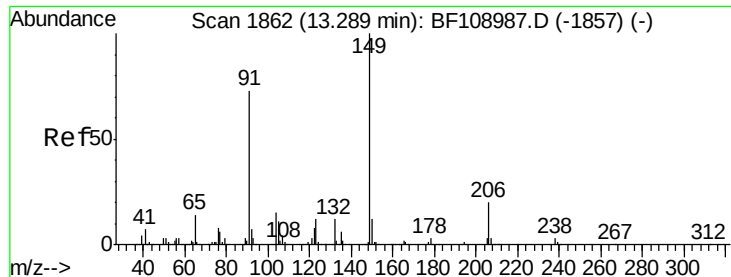
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 48.827 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

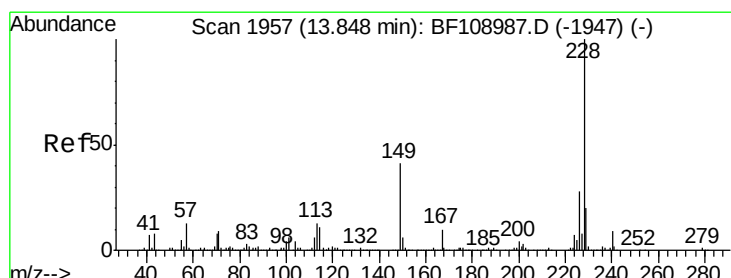
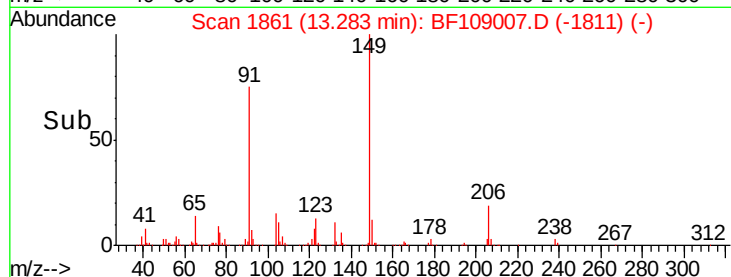
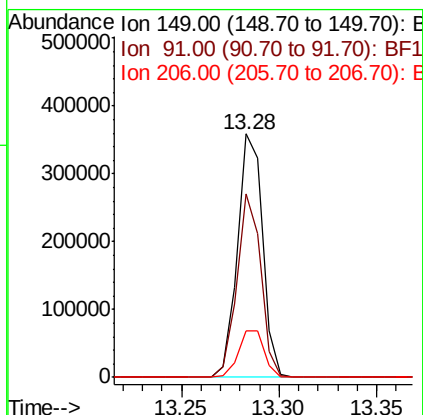
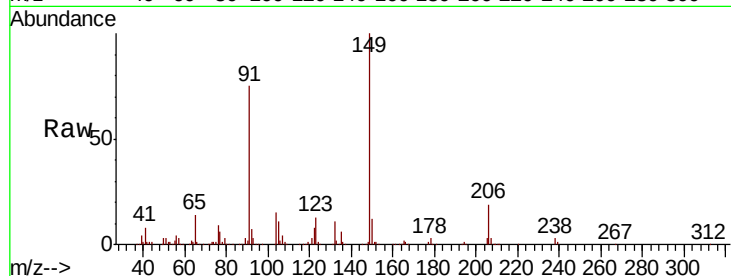




#79
Butylbenzylphthalate
Concen: 22.287 ng
RT: 13.28 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

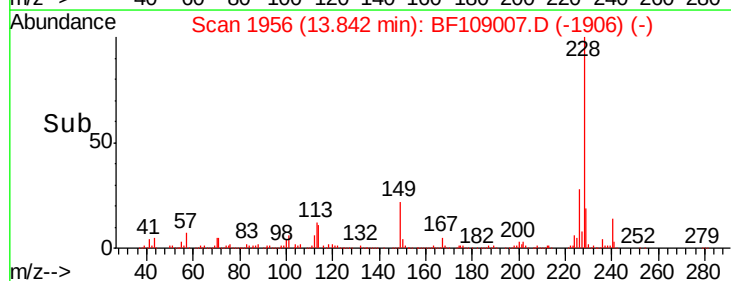
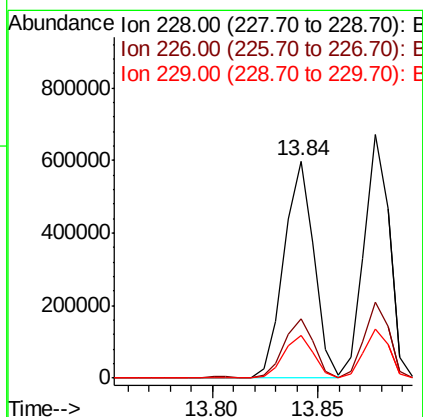
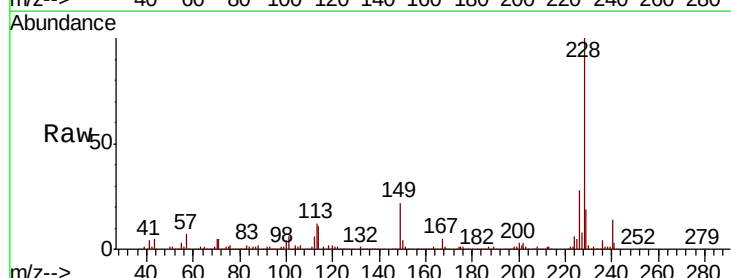
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

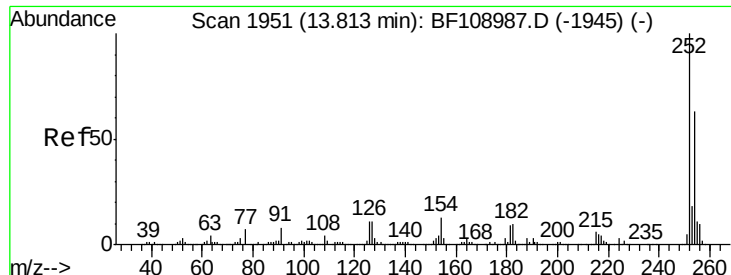
Tgt Ion:149 Resp: 319513
Ion Ratio Lower Upper
149 100
91 75.4 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 22.724 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion:228 Resp: 594528
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.5 15.8 23.6

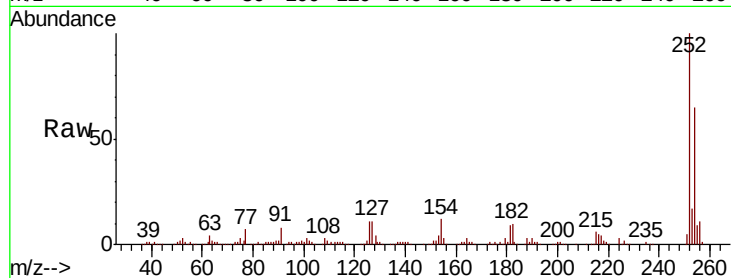




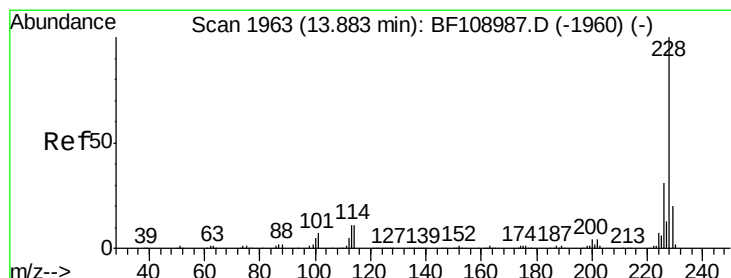
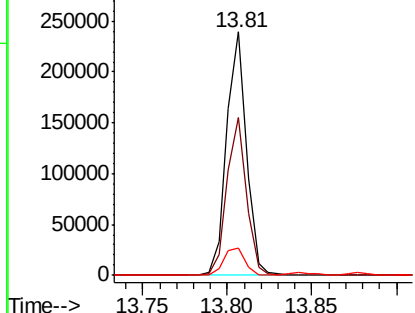
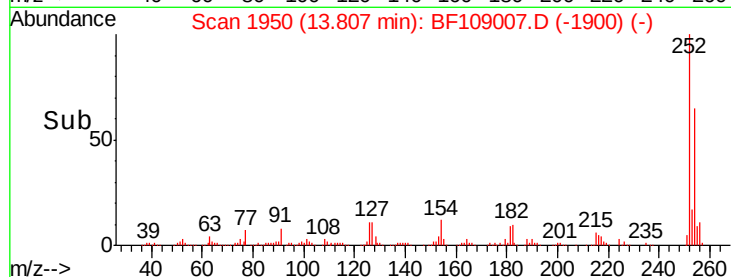
#81
 3,3'-Dichlorobenzidine
 Concen: 18.444 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	11.4	11.3	16.9

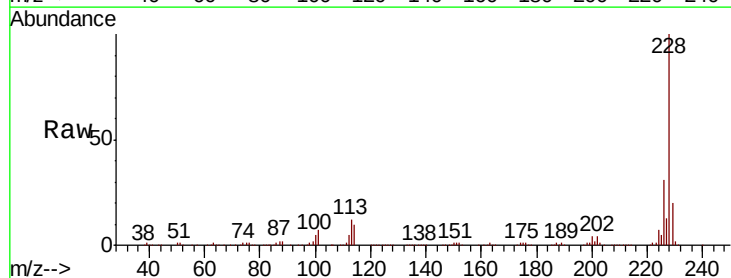


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

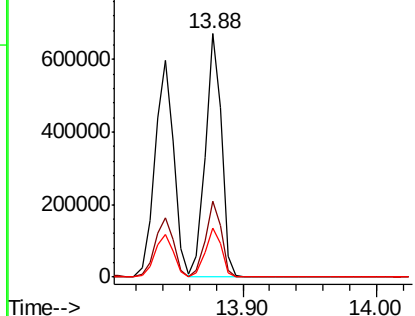
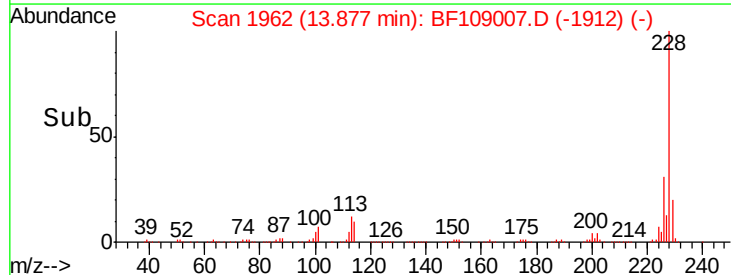


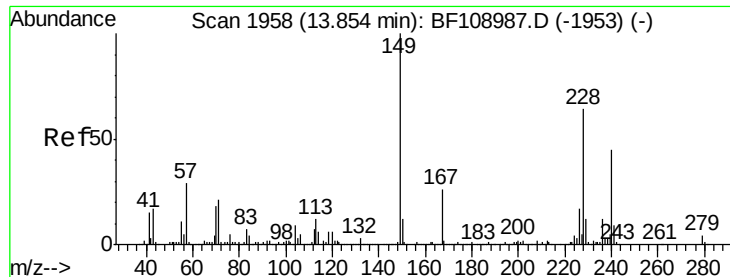
#82
 Chrysene
 Concen: 21.543 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.0	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

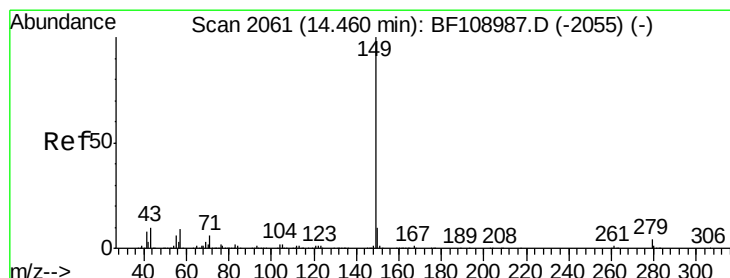
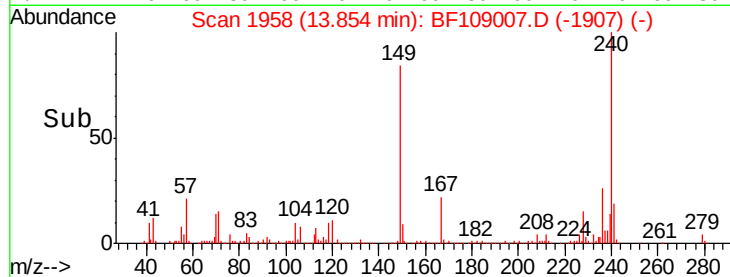
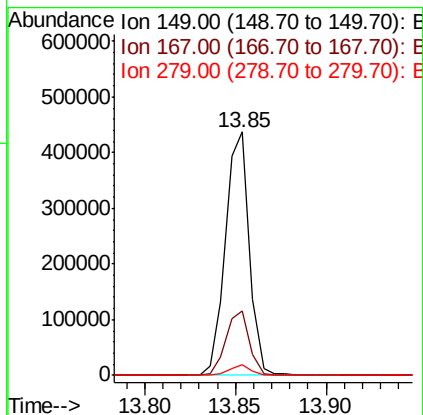
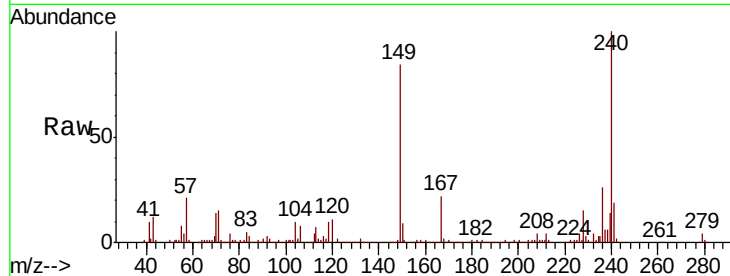




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.081 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

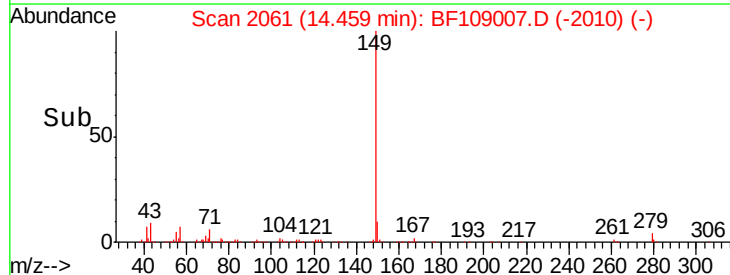
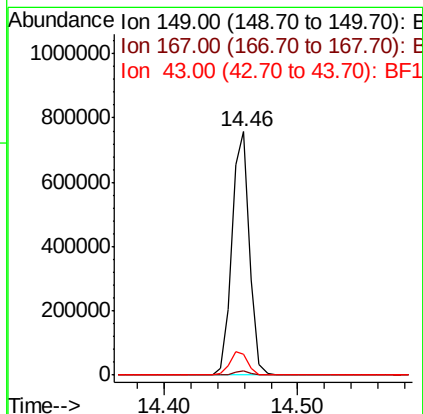
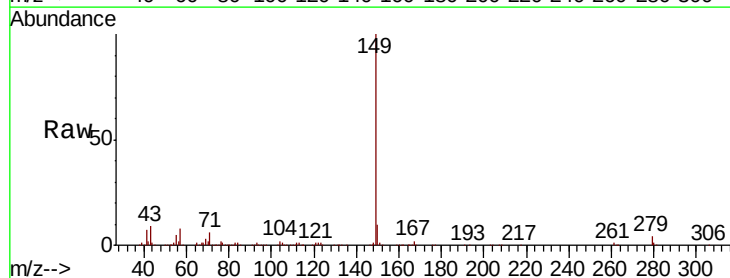
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

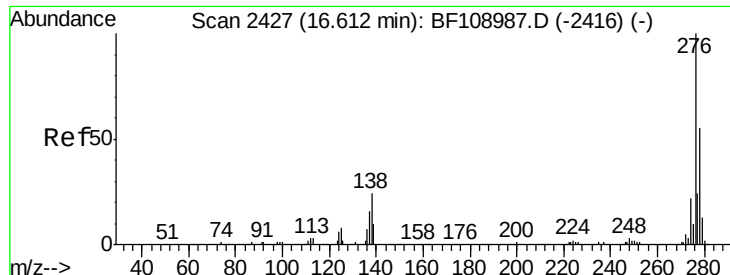
Tgt Ion:	149	Resp:	400659
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 23.767 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

Tgt Ion:	149	Resp:	699696
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6

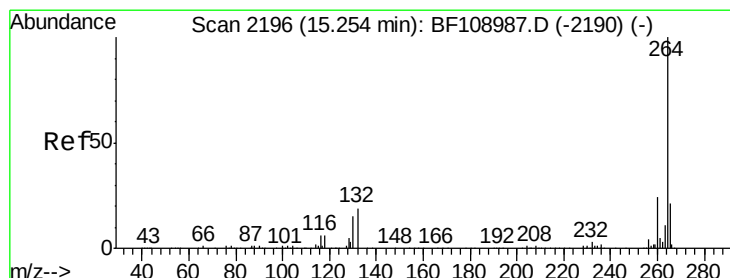
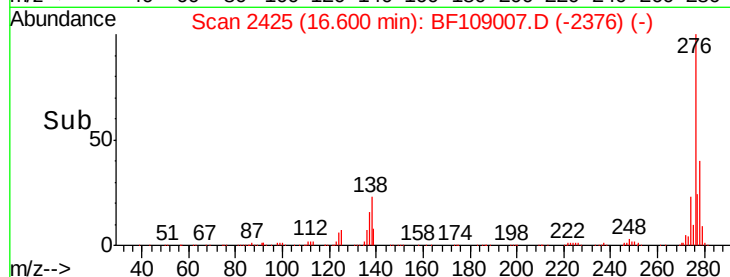
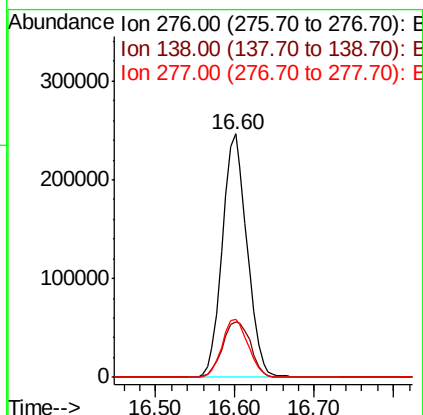
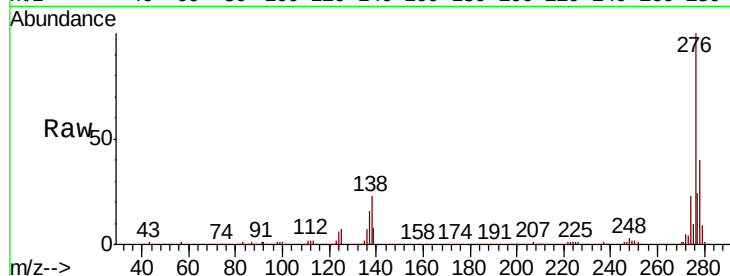




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.357 ng
 RT: 16.60 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

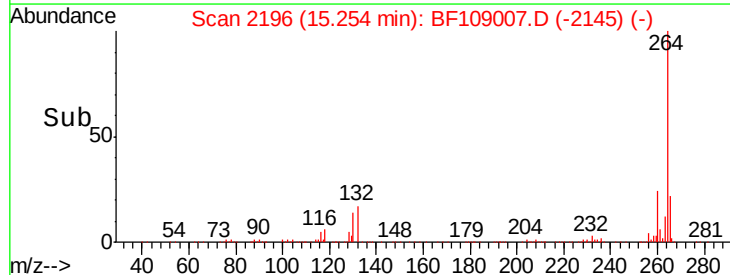
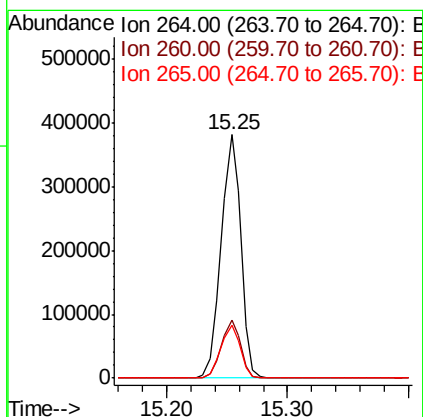
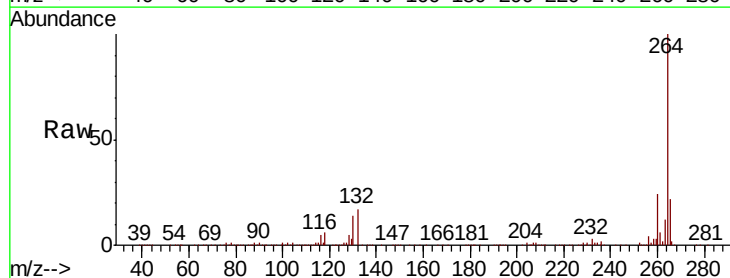
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2MSD

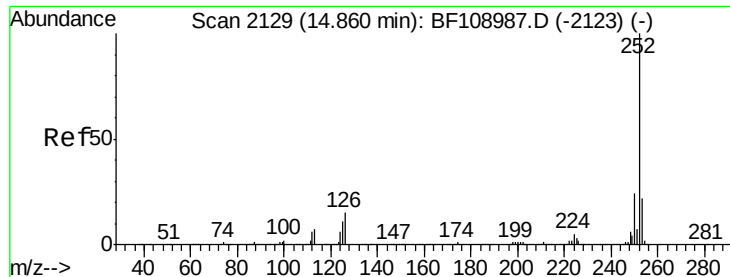
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109007.D
 Acq: 14 Sep 2018 20:52

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

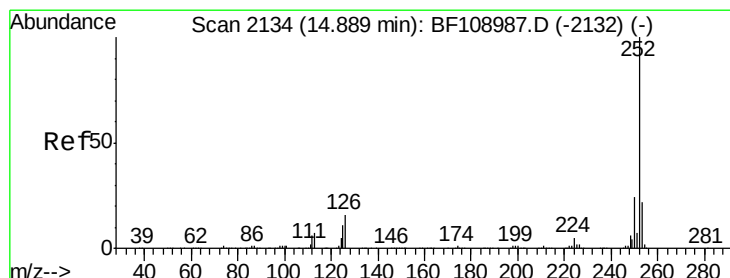
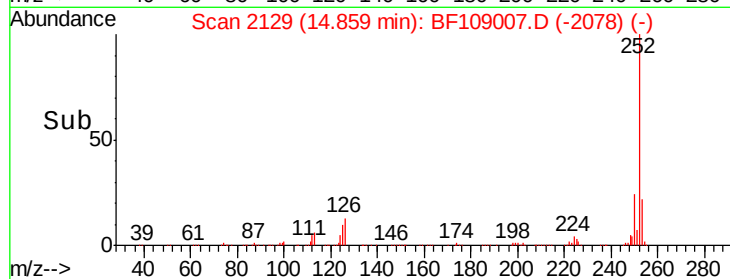
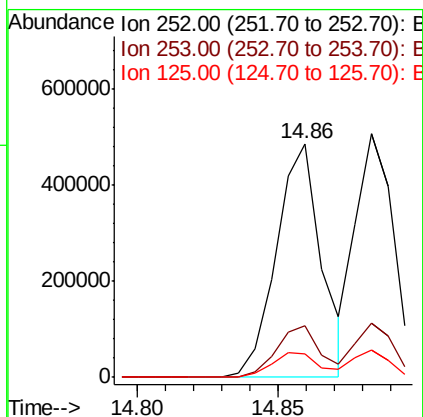
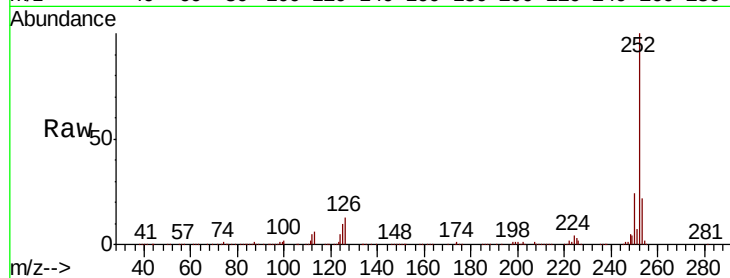




#87
Benzo(b)fluoranthene
Concen: 22.698 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

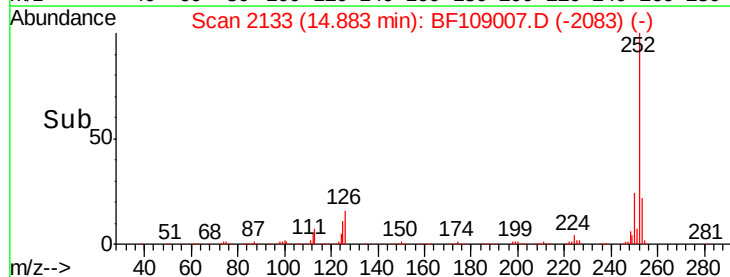
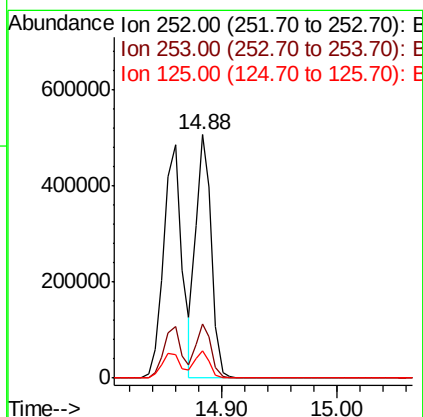
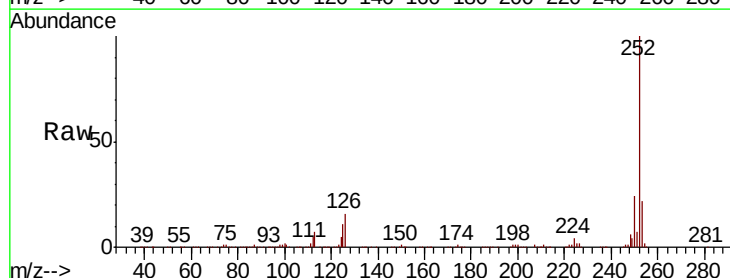
Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

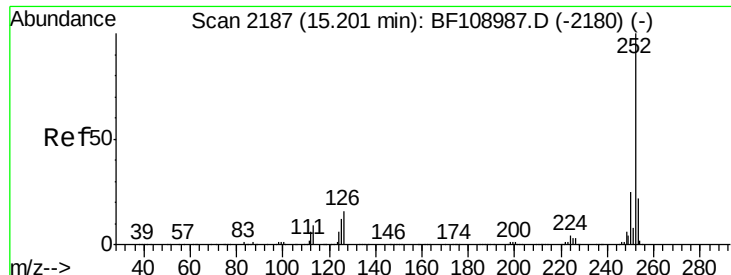
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.8	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 21.591 ng
RT: 14.88 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF109007.D
Acq: 14 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 23.167 ng

RT: 15.19 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

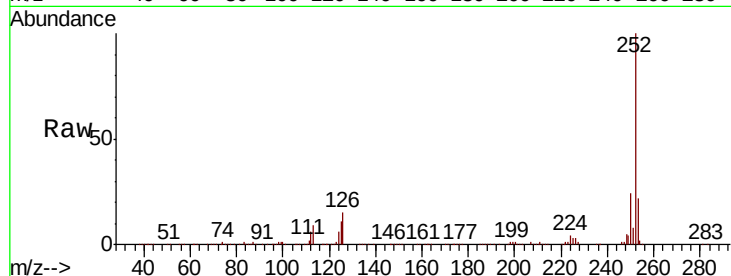
Tgt Ion:252 Resp: 487982

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

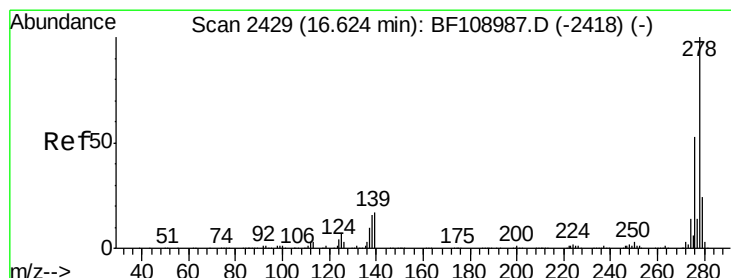
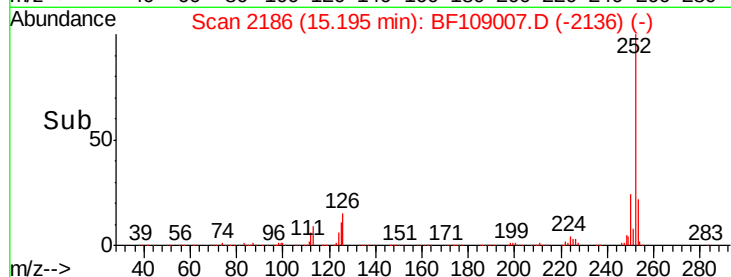
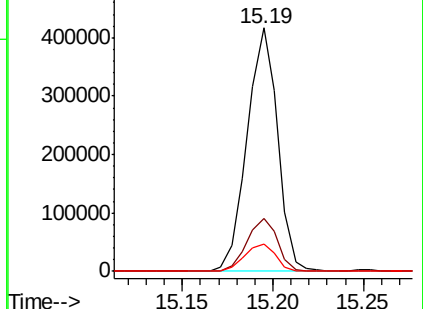
125 11.4 9.8 14.6



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: 25.236 ng

RT: 16.62 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

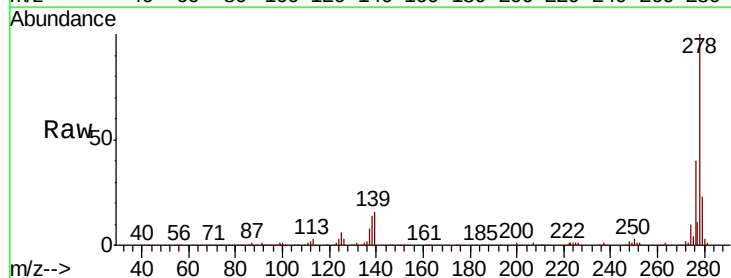
Tgt Ion:278 Resp: 446573

Ion Ratio Lower Upper

278 100

139 16.3 15.9 23.9

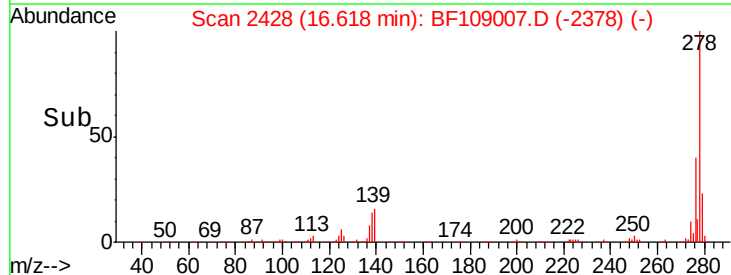
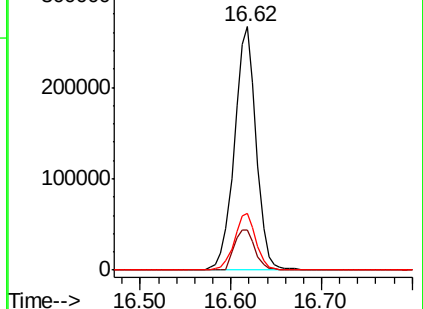
279 23.1 19.0 28.4

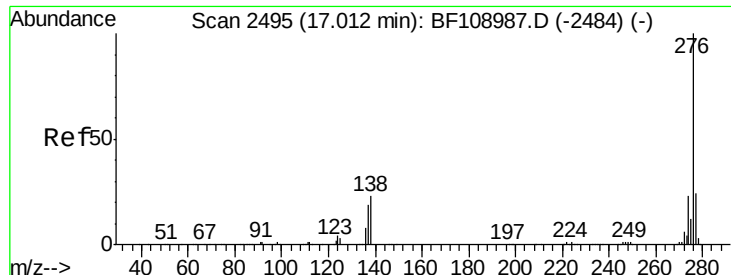


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 25.109 ng

RT: 17.01 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BF109007.D

Acq: 14 Sep 2018 20:52

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2MSD

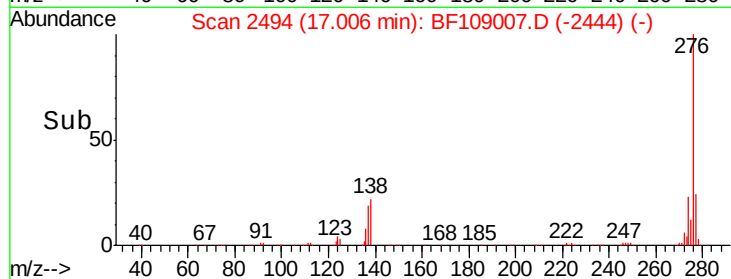
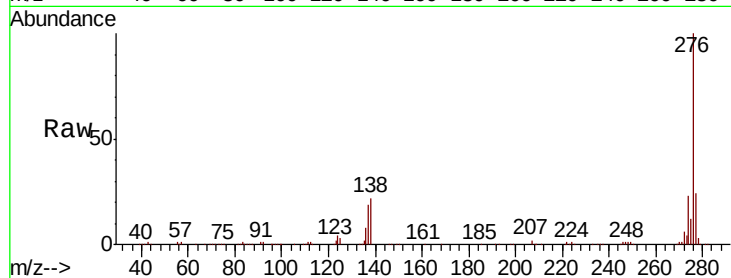
Tgt Ion: 276 Resp: 444231

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 22.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

