

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099647.D
 Acq On : 19 Oct 2017 5:59
 Operator : SJ/JU
 Sample : I5929-04MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:22:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90699	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	326120	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	114337	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	179727	20.00	ng	0.00
75) Chrysene-d12	14.00	240	179512	20.00	ng	0.00
86) Perylene-d12	15.46	264	147229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	716807	125.81	ng	0.03
7) Phenol-d6	6.48	99	762532	108.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	512936	100.87	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	132828	141.97	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	862651	125.95	ng	0.00
78) Terphenyl-d14	12.93	244	680904	86.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	92147	33.857	ng	# 80
3) Pyridine	3.53	79	183386	24.908	ng	92
4) n-Nitrosodimethylamine	3.47	42	100038	32.042	ng	# 78
6) Aniline	6.50	93	83908	8.845	ng	# 78
8) 2-Chlorophenol	6.62	128	253942	39.357	ng	95
9) Benzaldehyde	6.39	77	62181	15.251	ng	91
10) Phenol	6.49	94	260355	33.122	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	248363	40.643	ng	96
12) 1,3-Dichlorobenzene	6.77	146	273333	40.450	ng	97
13) 1,4-Dichlorobenzene	6.85	146	276862	40.270	ng	97
14) 1,2-Dichlorobenzene	7.00	146	251919	39.656	ng	98
15) Benzyl Alcohol	6.98	79	175843	34.103	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	321029	33.719	ng	73
17) 2-Methylphenol	7.09	107	195785	37.085	ng	94
18) Hexachloroethane	7.33	117	80732	32.669	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	159465	35.536	ng	89
20) 3+4-Methylphenols	7.25	107	243198	36.414	ng	# 60
22) Acetophenone	7.24	105	333650	42.227	ng	# 96
24) Nitrobenzene	7.42	77	236752	41.041	ng	94
25) Isophorone	7.65	82	434013	41.280	ng	97
26) 2-Nitrophenol	7.73	139	119569	43.104	ng	# 84
27) 2,4-Dimethylphenol	7.77	122	208445	39.789	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	295462	45.094	ng	99
29) 2,4-Dichlorophenol	7.97	162	191794	42.642	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	202750	45.070	ng	99
31) Naphthalene	8.13	128	687861	44.909	ng	100
32) Benzoic acid	7.91	122	118131	27.452	ng	94
33) 4-Chloroaniline	8.19	127	43852	6.856	ng	96
34) Hexachlorobutadiene	8.24	225	103100	44.496	ng	98
35) Caprolactam	8.56	113	43352	30.048	ng	# 77
36) 4-Chloro-3-methylphenol	8.67	107	174919	34.600	ng	94
37) 2-Methylnaphthalene	8.82	142	438063	43.995	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	168731	49.483	ng	# 98
40) Hexachlorocyclopentadiene	8.97	237	11224	7.203	ng	99

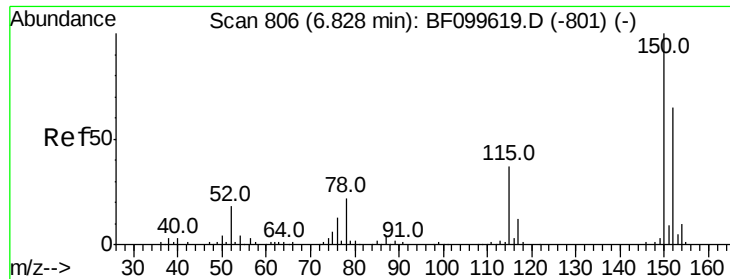
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099647.D
 Acq On : 19 Oct 2017 5:59
 Operator : SJ/JU
 Sample : I5929-04MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:22:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	111281	46.067	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	111690	46.317	ng	# 92
45) 1,1'-Biphenyl	9.29	154	482248	49.076	ng	96
46) 2-Chloronaphthalene	9.32	162	357895	48.508	ng	95
47) 2-Nitroaniline	9.42	65	96042	42.513	ng	89
48) Acenaphthylene	9.73	152	518029	45.866	ng	100
49) Dimethylphthalate	9.59	163	426055	49.372	ng	99
50) 2,6-Dinitrotoluene	9.66	165	83006	44.183	ng	# 79
51) Acenaphthene	9.90	154	302930	42.341	ng	99
52) 3-Nitroaniline	9.83	138	53350	24.354	ng	91
53) 2,4-Dinitrophenol	9.95	184	9565	14.895	ng	93
54) Dibenzofuran	10.07	168	440594	46.252	ng	99
55) 4-Nitrophenol	10.00	139	102479	55.326	ng	84
56) 2,4-Dinitrotoluene	10.06	165	94641	38.816	ng	92
57) Fluorene	10.42	166	346259	45.224	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	79066	47.465	ng	# 97
59) Diethylphthalate	10.28	149	378696	44.910	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	157324	45.743	ng	91
61) 4-Nitroaniline	10.45	138	77122	36.492	ng	82
62) Azobenzene	10.56	77	306930	39.587	ng	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	7980	7.298	ng	88
65) n-Nitrosodiphenylamine	10.52	169	298375	47.922	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	84973	48.301	ng	90
67) Hexachlorobenzene	10.96	284	85659	45.589	ng	95
68) Atrazine	11.05	200	85397	45.587	ng	97
69) Pentachlorophenol	11.16	266	124106	106.130	ng	98
70) Phenanthrene	11.37	178	483874	50.297	ng	99
71) Anthracene	11.43	178	491233	49.905	ng	99
72) Carbazole	11.59	167	468826	48.637	ng	99
73) Di-n-butylphthalate	11.90	149	533494	45.981	ng	98
74) Fluoranthene	12.57	202	537418	55.167	ng	98
76) Benzidine	12.69	184	191499	28.842	ng	97
77) Pyrene	12.80	202	565397	41.305	ng	98
79) Butylbenzylphthalate	13.40	149	263850	41.013	ng	90
80) Benzo(a)anthracene	13.99	228	514673	47.348	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	171165	42.955	ng	99
82) Chrysene	14.03	228	488300	47.185	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	365216	41.229	ng	99
84) Di-n-octyl phthalate	14.57	149	689047	48.308	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	348258	42.069	ng	96
87) Benzo(b)fluoranthene	15.03	252	458187	50.616	ng	# 96
88) Benzo(k)fluoranthene	15.06	252	416731	46.609	ng	97
89) Benzo(a)pyrene	15.40	252	398992	48.017	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	294950	44.354	ng	97
91) Benzo(g,h,i)perylene	17.39	276	286417	43.573	ng	96

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

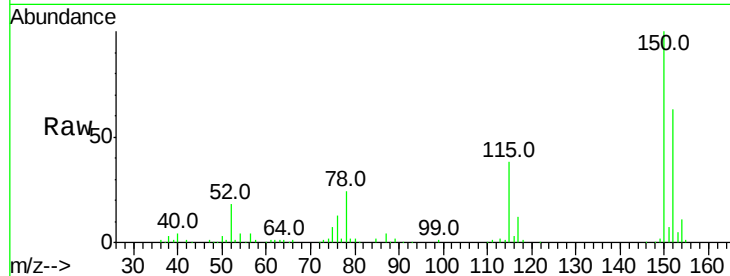


#1

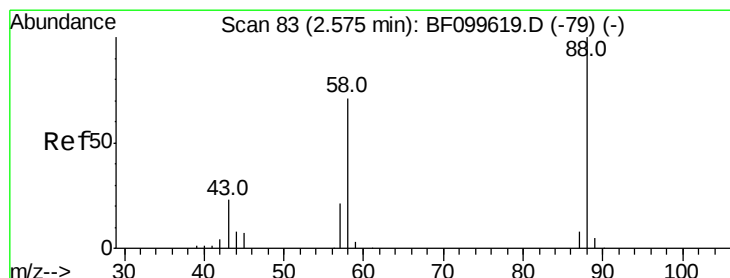
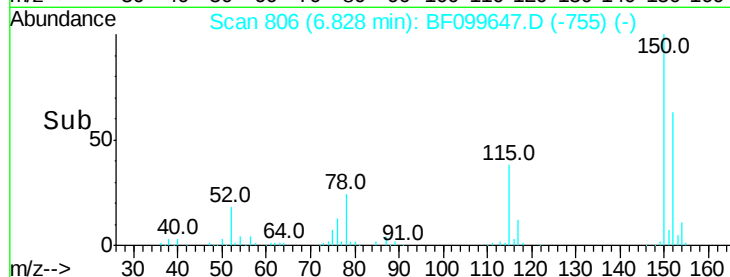
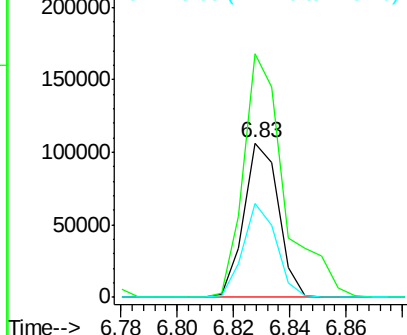
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90699
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.8 50.1 75.1



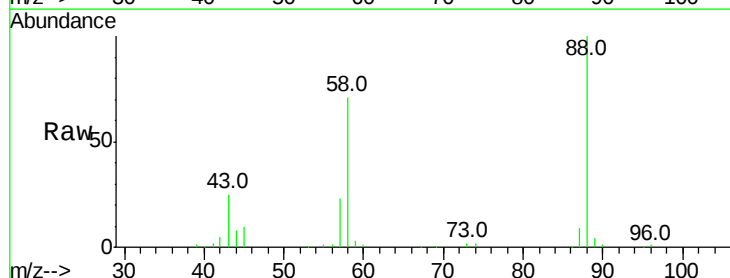
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



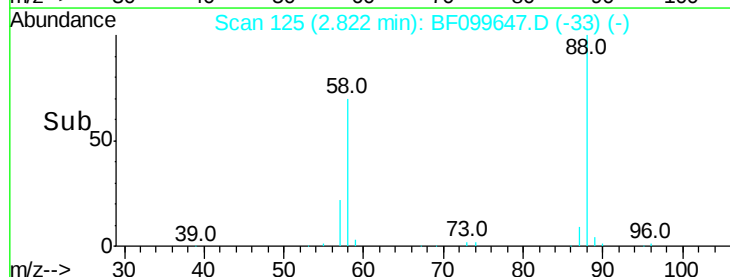
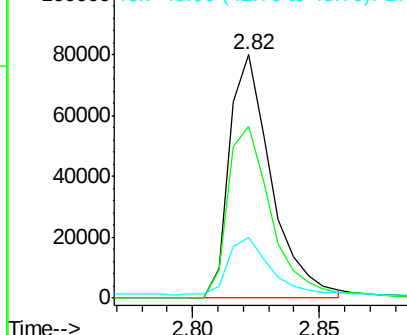
#2

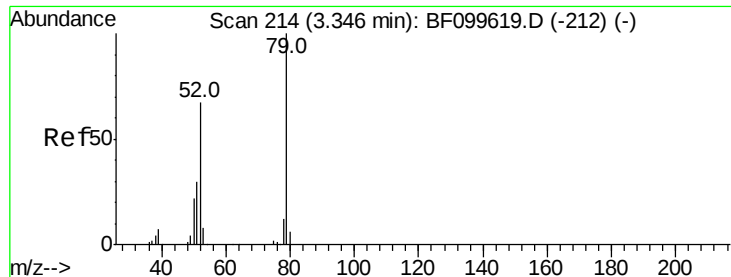
1,4-Dioxane
Concen: 33.857 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.24 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion: 88 Resp: 92147
Ion Ratio Lower Upper
88 100
58 72.8 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.908 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.18 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampled :

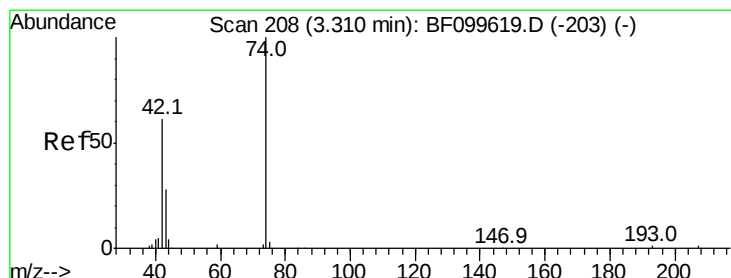
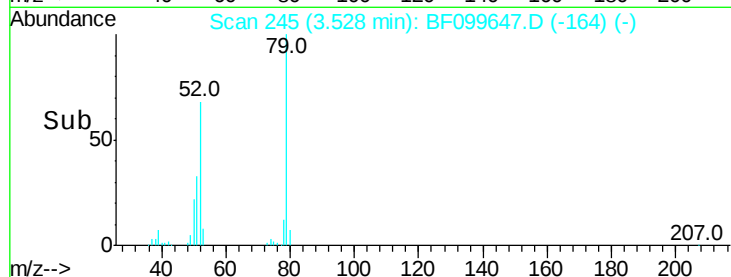
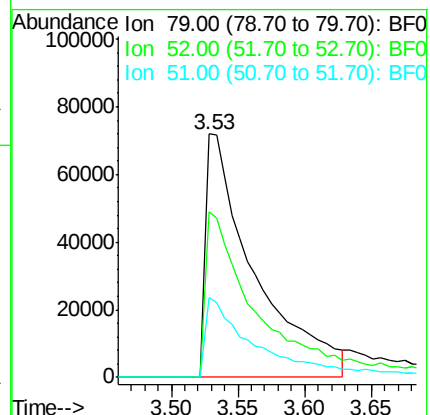
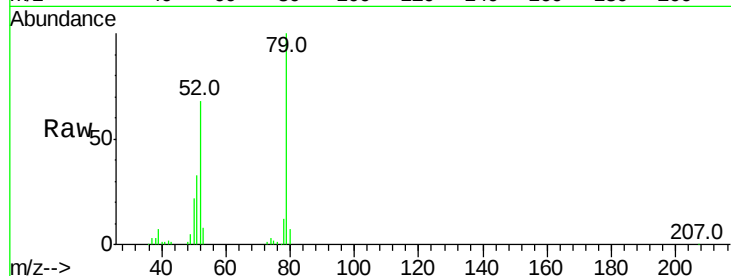
Tot Ion: 79 Resp: 183386

Ion Ratio Lower Upper

79 100

52 67.8 59.8 89.6

51 32.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.042 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.15 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

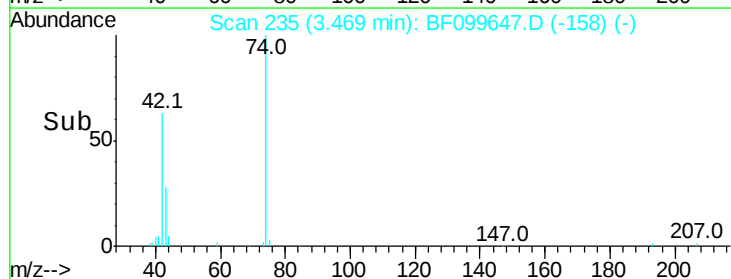
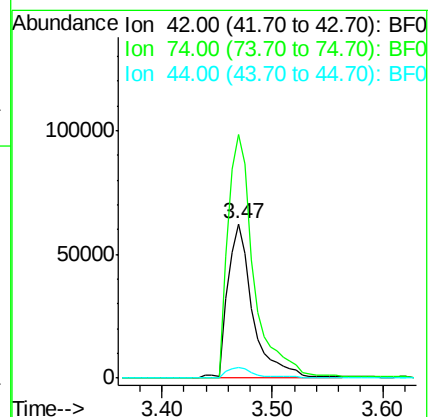
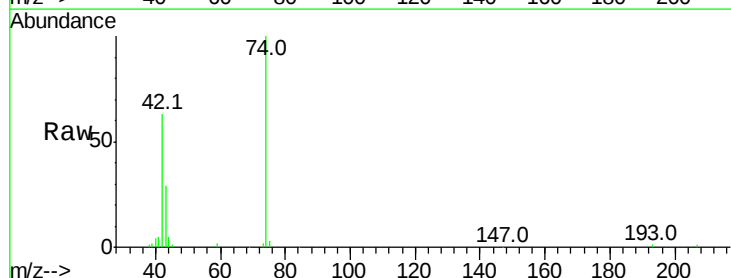
Tgt Ion: 42 Resp: 100038

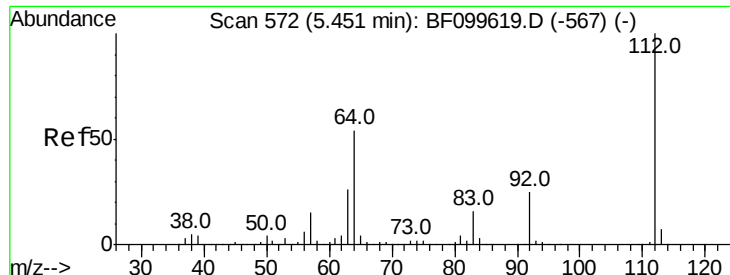
Ion Ratio Lower Upper

42 100

74 157.7 104.9 157.3#

44 7.1 6.9 10.3

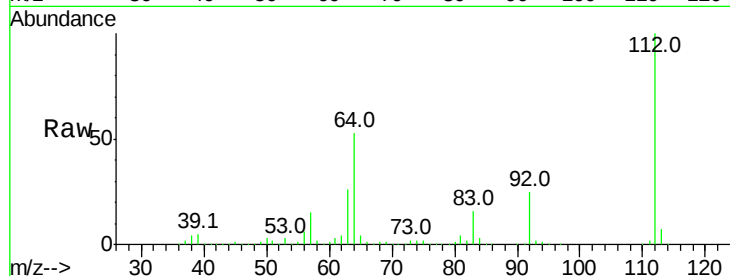




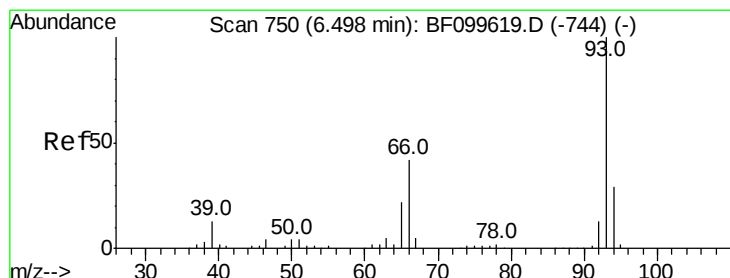
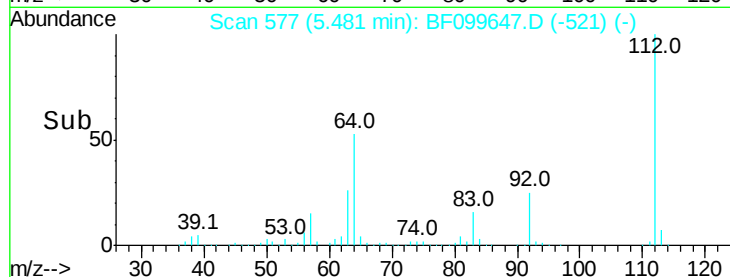
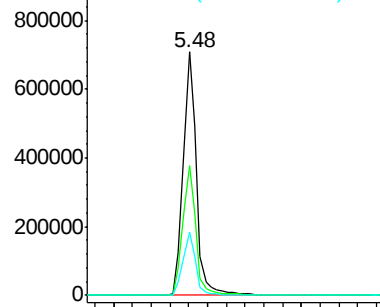
#5
 2-Fluorophenol
 Concen: 125.810 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.03 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 716807
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.9 71.9
 63 25.8 23.7 35.5

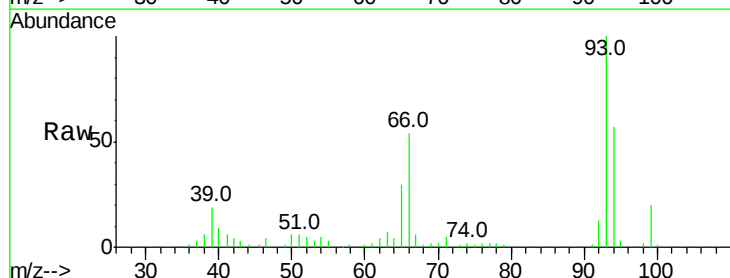


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

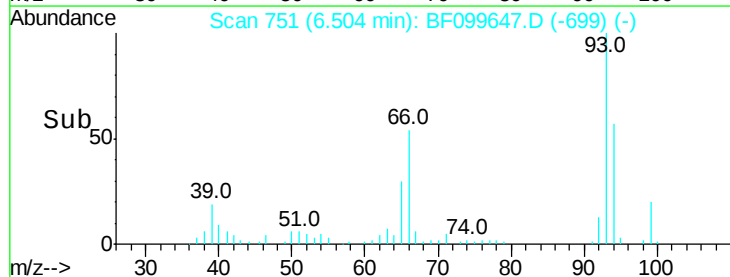
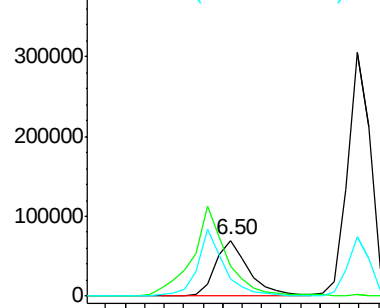


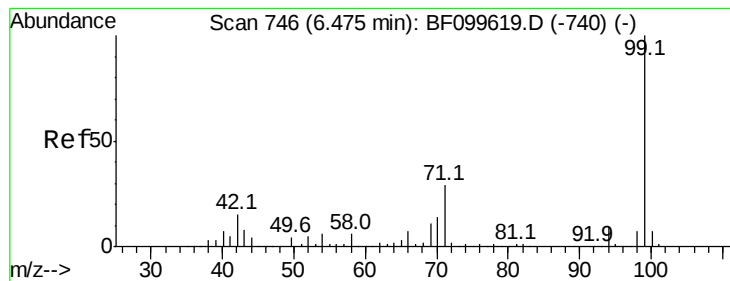
#6
 Aniline
 Concen: 8.845 ng
 RT: 6.50 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion: 93 Resp: 83908
 Ion Ratio Lower Upper
 93 100
 66 53.7 32.2 48.2#
 65 30.3 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.491 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampled :

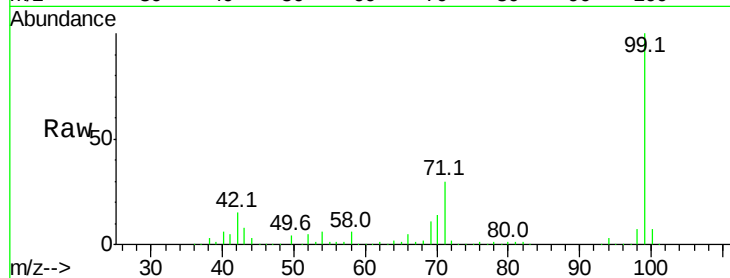
Tot Ion: 99 Resp: 762532

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

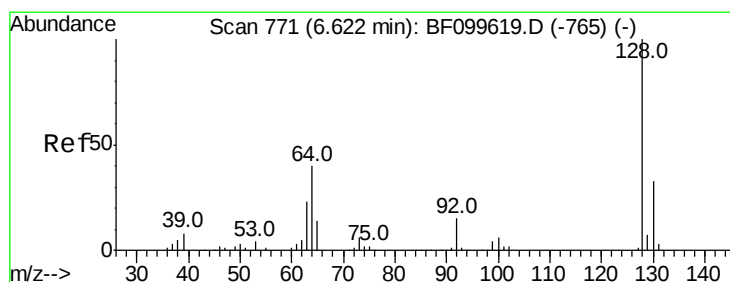
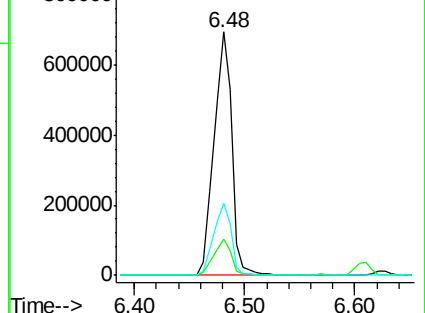
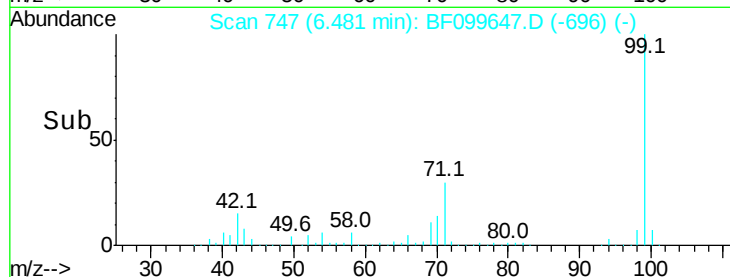
71 29.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.357 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

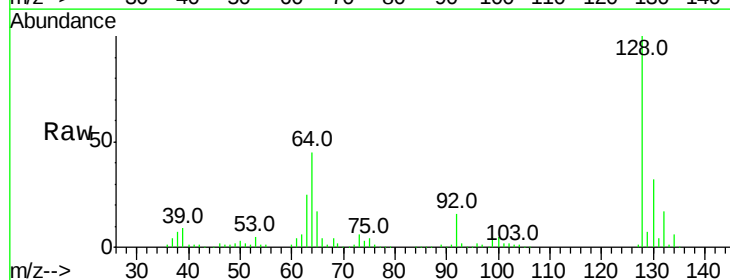
Tgt Ion: 128 Resp: 253942

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

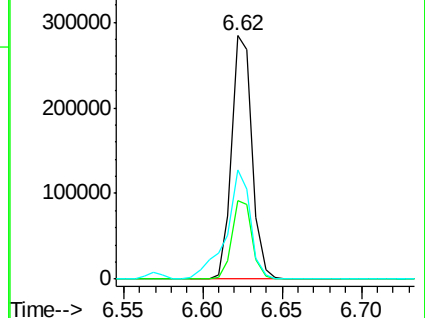
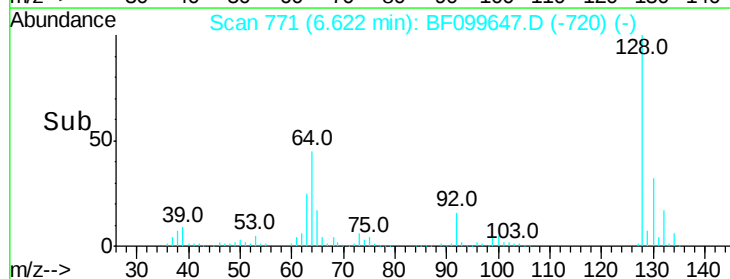
64 44.7 29.4 69.4

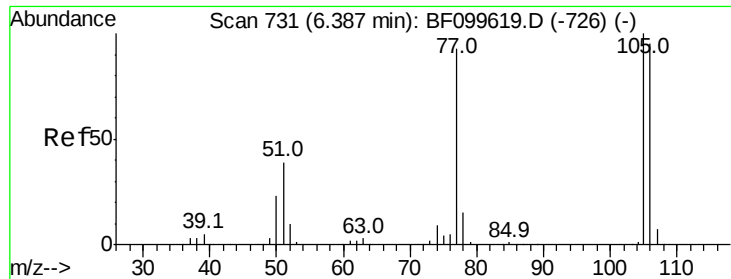


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.251 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

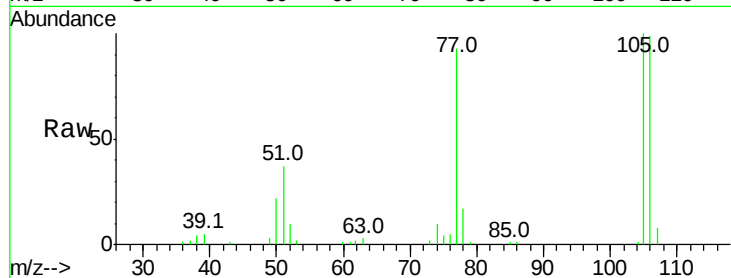
Tot Ion: 77 Resp: 62181

Ion Ratio Lower Upper

77 100

105 107.4 81.1 121.1

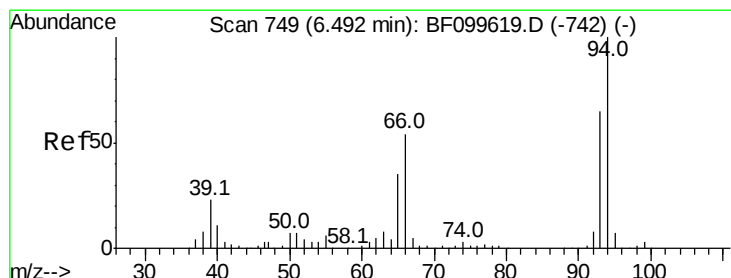
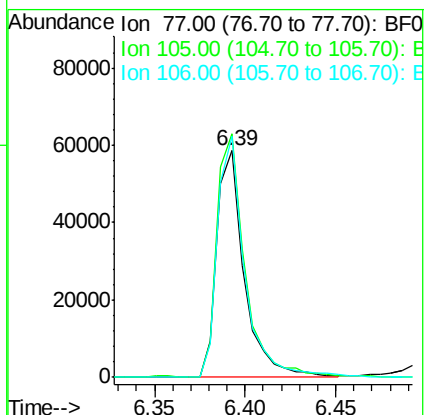
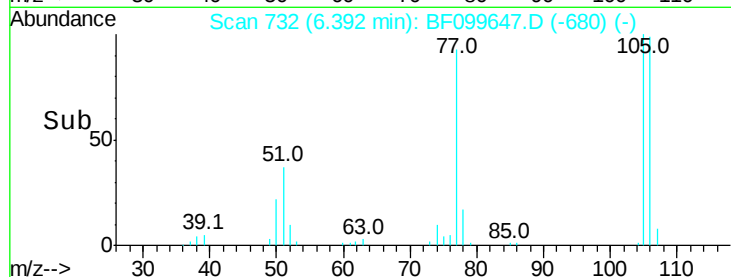
106 106.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.122 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

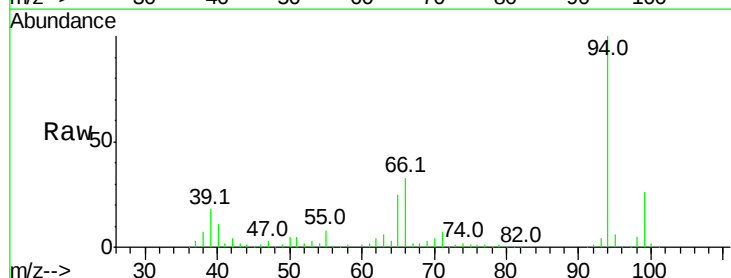
Tgt Ion: 94 Resp: 260355

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

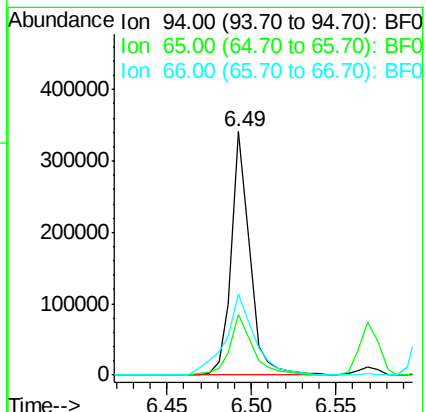
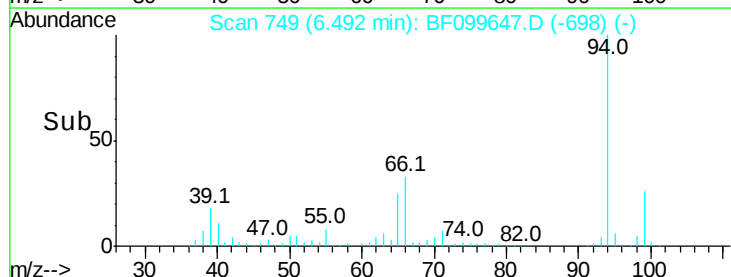
66 33.3 16.2 56.2

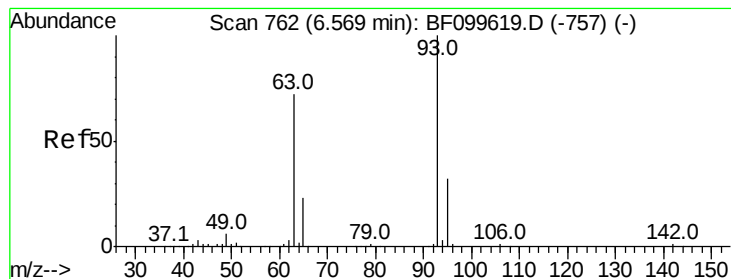


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.643 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

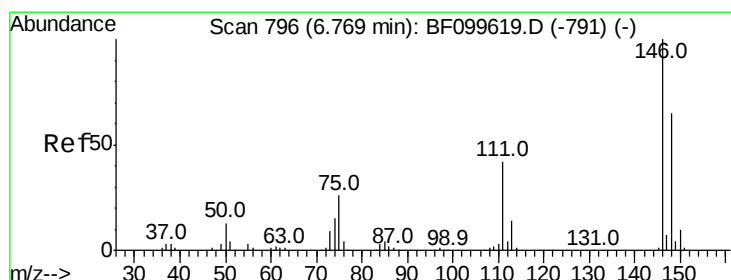
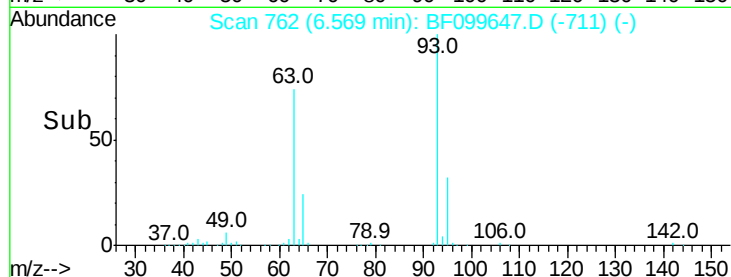
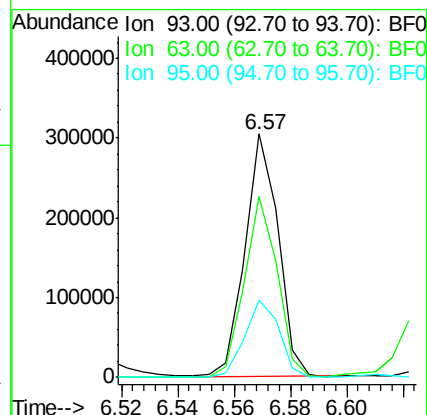
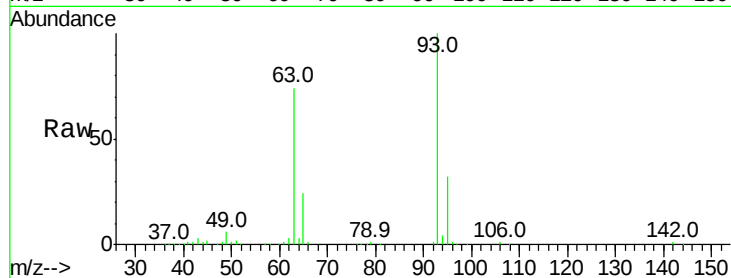
Tot Ion: 93 Resp: 248363

Ion Ratio Lower Upper

93 100

63 74.1 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.450 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

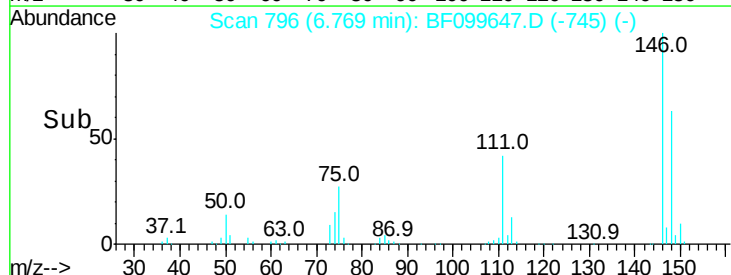
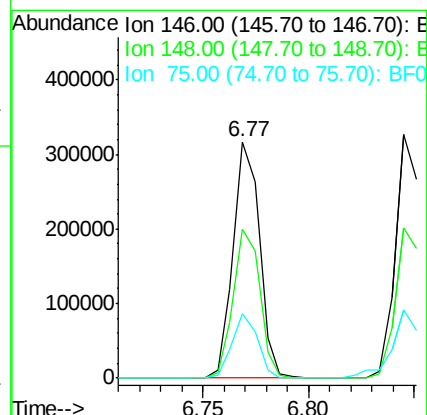
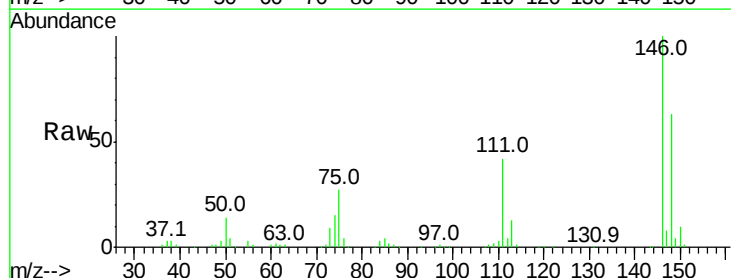
Tgt Ion: 146 Resp: 273333

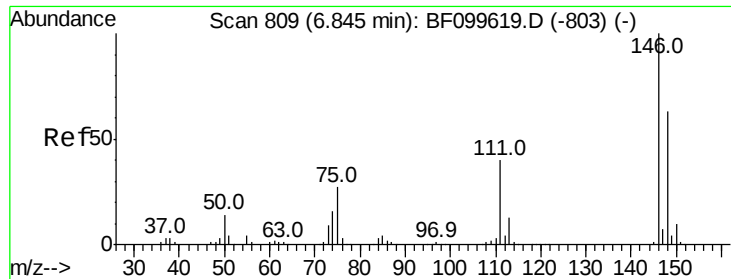
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 27.3 24.2 36.4

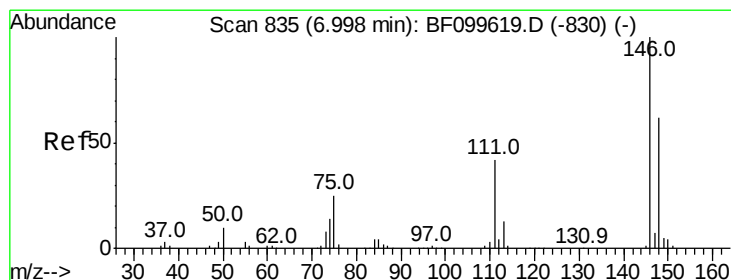
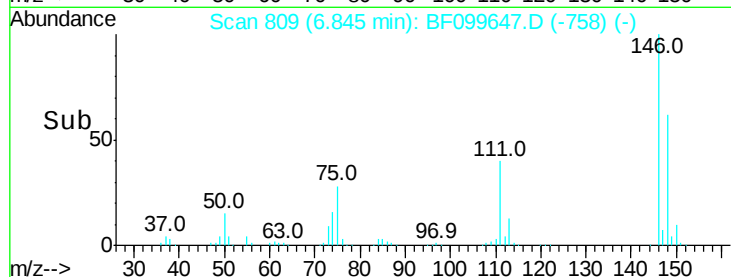
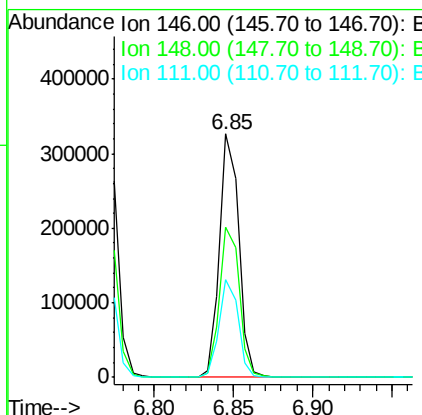
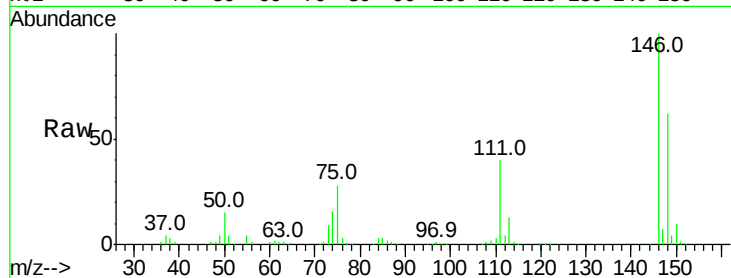




#13
 1,4-Dichlorobenzene
 Concen: 40.270 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

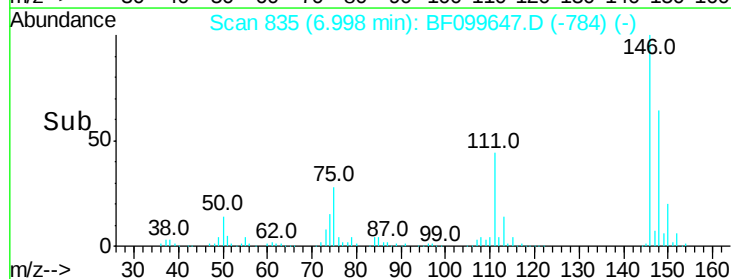
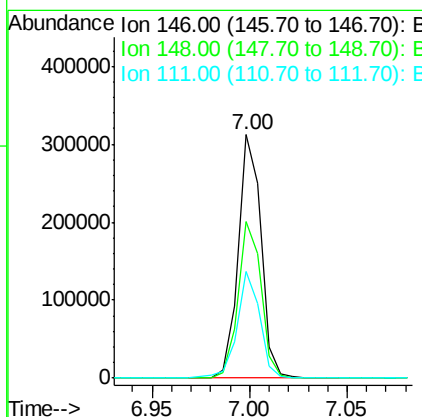
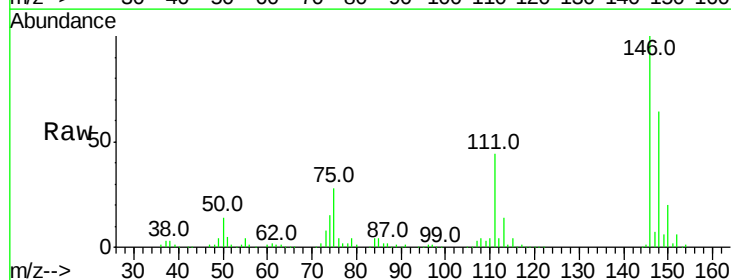
Instrument :
 BNA_F
 ClientSampleId :

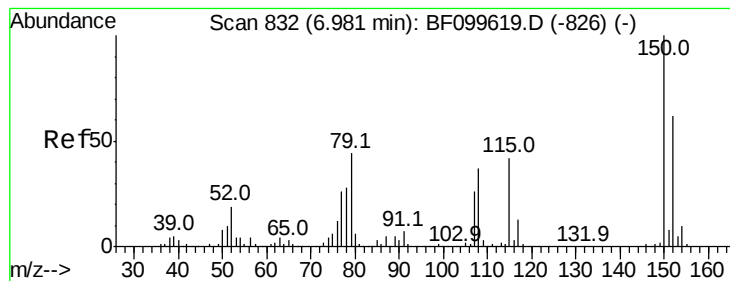
Tot Ion:146 Resp: 276862
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.8 76.2
 111 40.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.656 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion:146 Resp: 251919
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.103 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampleId :

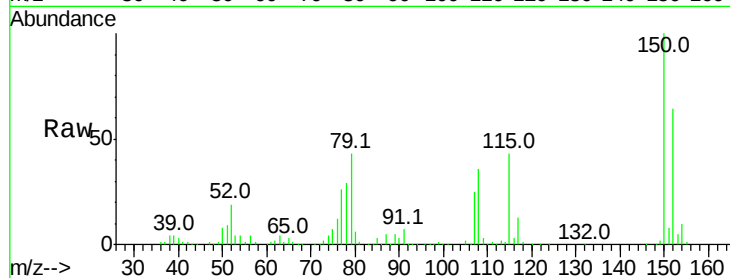
Tot Ion: 79 Resp: 175843

Ion Ratio Lower Upper

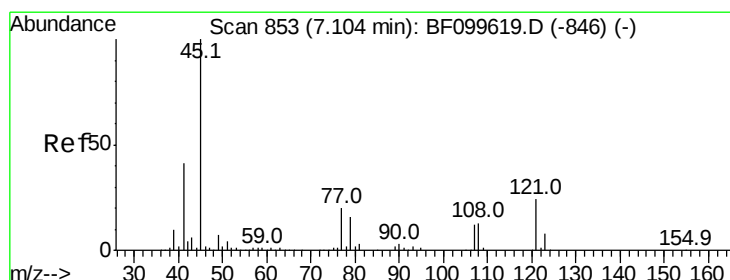
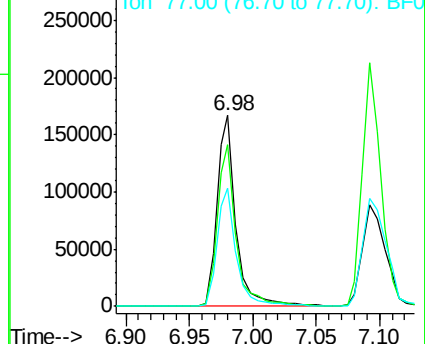
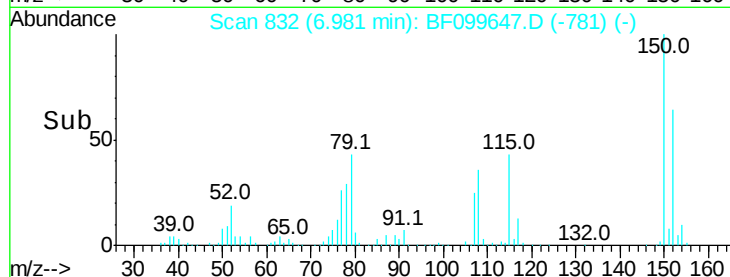
79 100

108 84.9 65.1 97.7

77 61.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.719 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

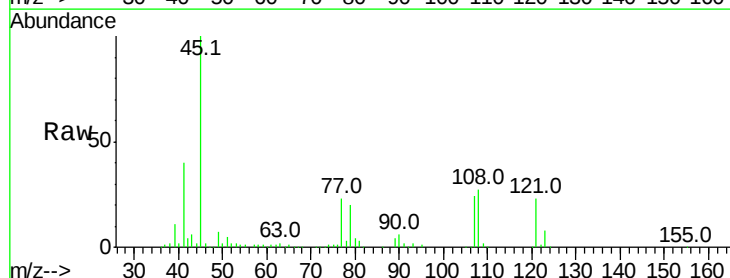
Tgt Ion: 45 Resp: 321029

Ion Ratio Lower Upper

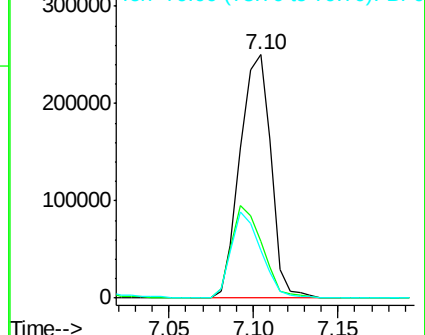
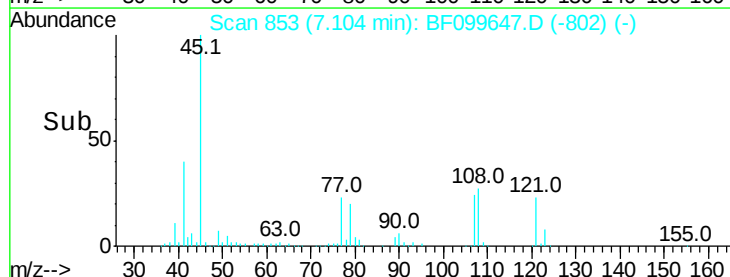
45 100

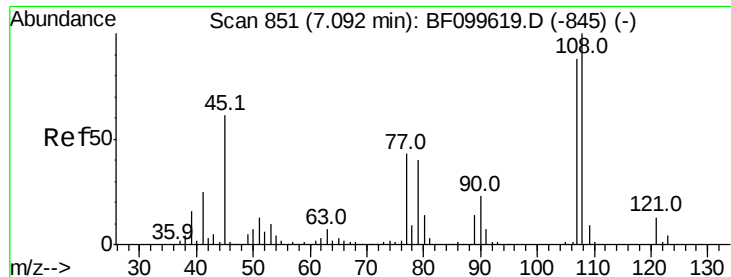
77 23.1 0.0 32.9

79 19.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

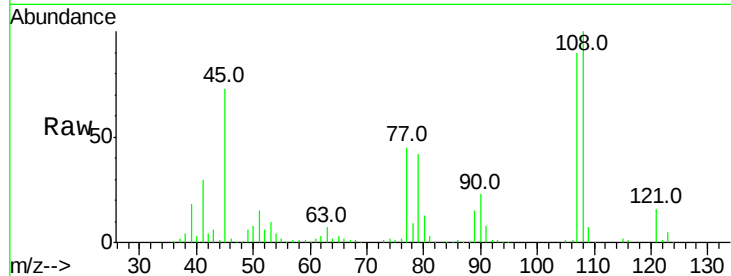




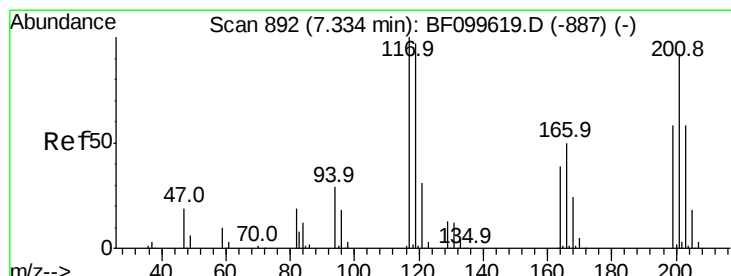
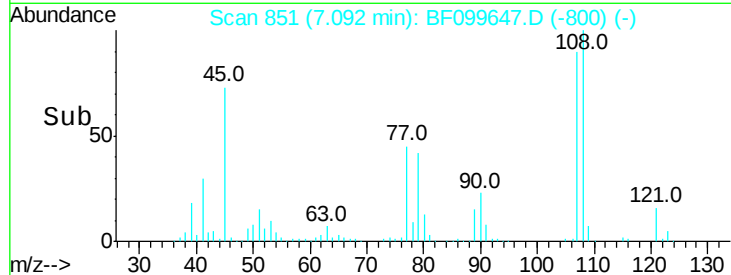
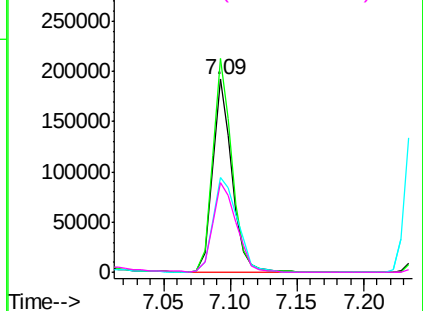
#17
2-Methylphenol
Concen: 37.085 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 195785
Ion Ratio Lower Upper
107 100
108 110.6 91.7 137.5
77 49.2 33.8 50.8
79 46.3 33.8 50.8

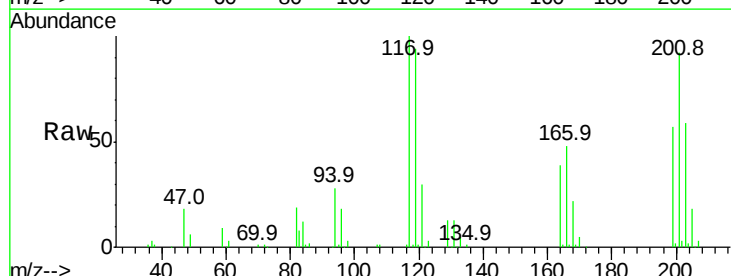


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

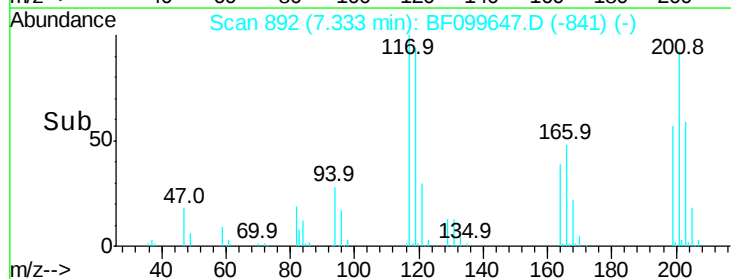
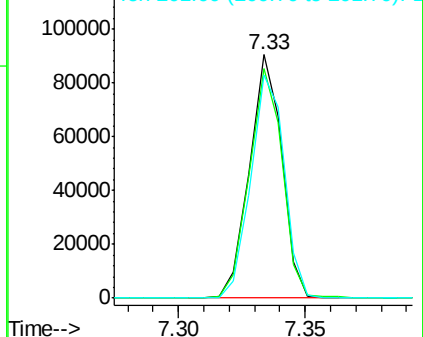


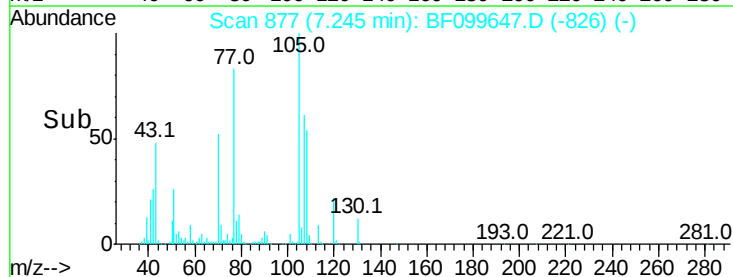
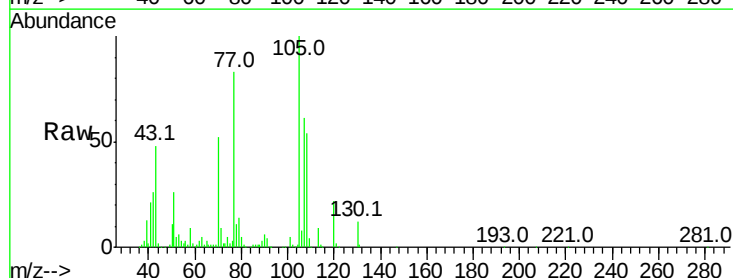
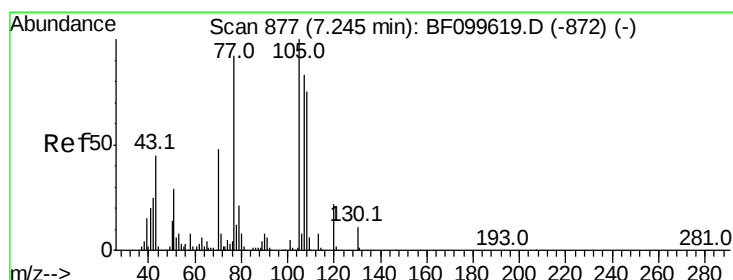
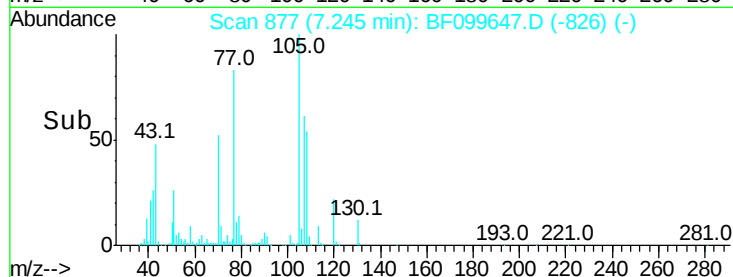
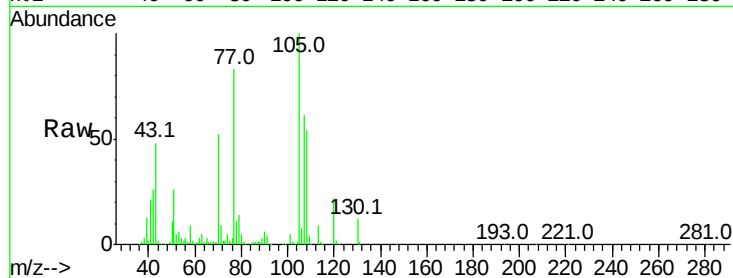
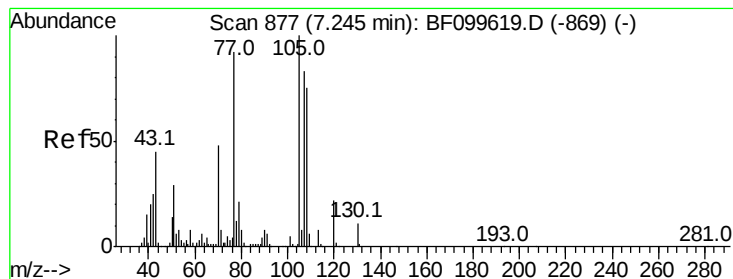
#18
Hexachloroethane
Concen: 32.669 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:117 Resp: 80732
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 91.5 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: 35.536 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 159465

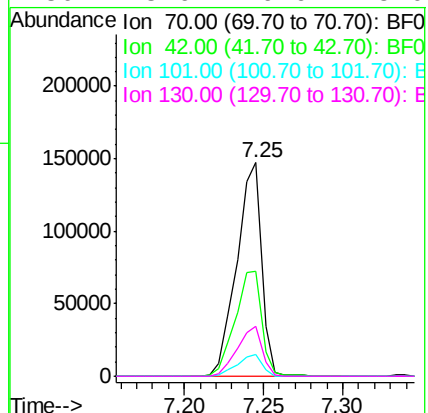
Ion Ratio Lower Upper

70 100

42 49.4 47.5 71.3

101 10.2 7.4 11.2

130 23.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.414 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Tgt Ion: 107 Resp: 243198

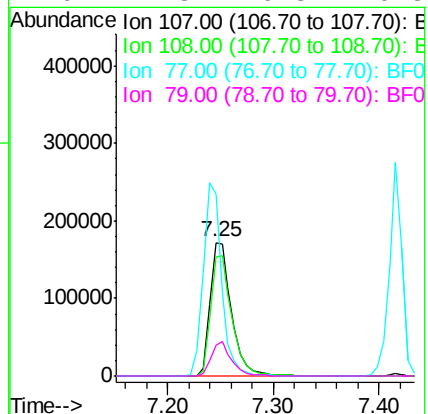
Ion Ratio Lower Upper

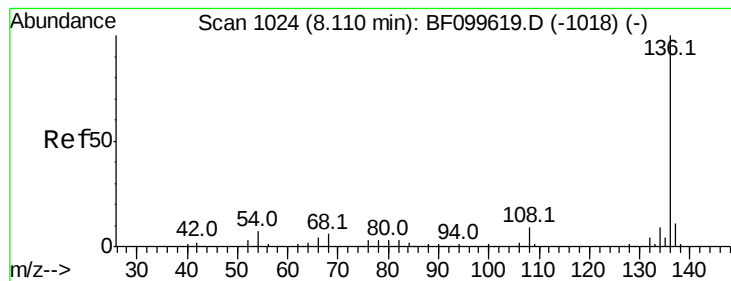
107 100

108 88.9 68.2 108.2

77 136.1 26.7 66.7#

79 22.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 326120

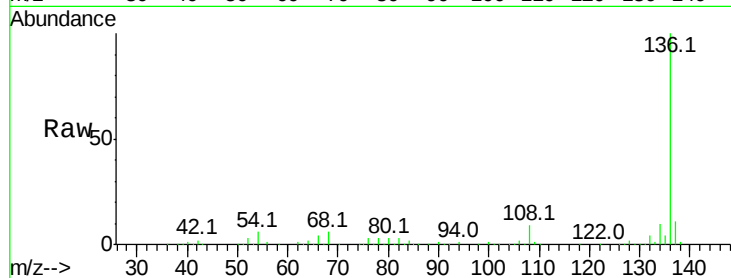
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

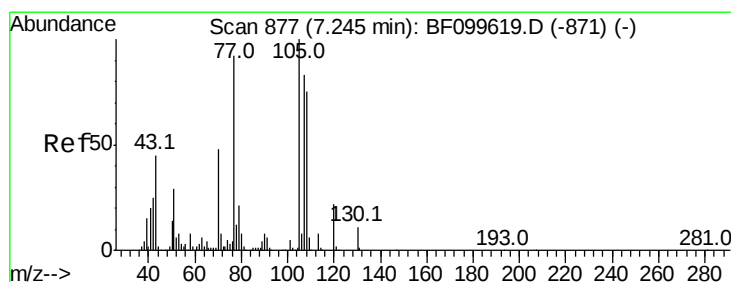
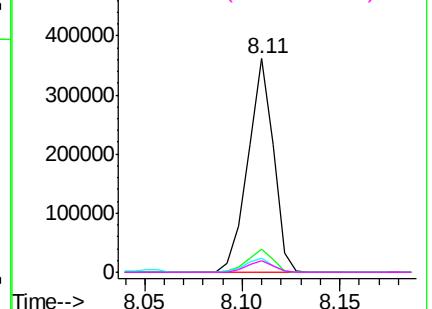
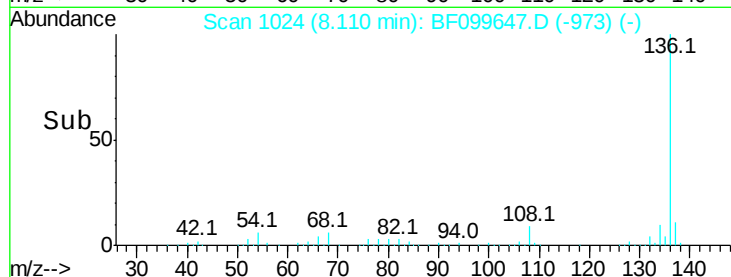


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.227 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Tgt Ion:105 Resp: 333650

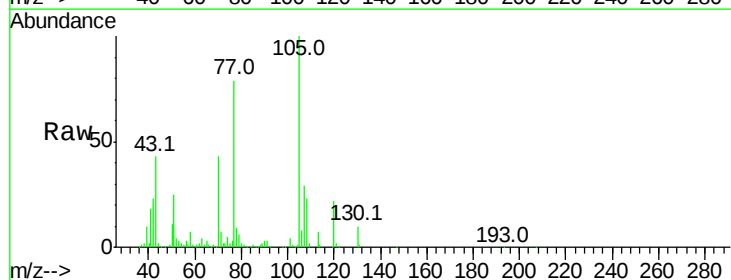
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 25.1 22.3 33.5

120 21.8 16.9 25.3

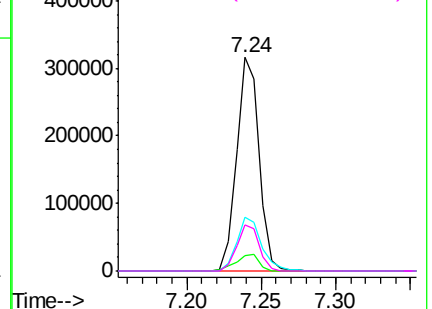
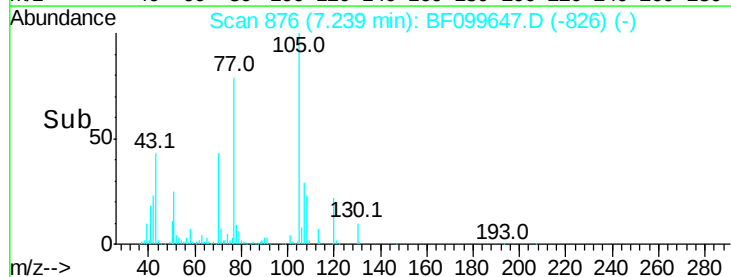


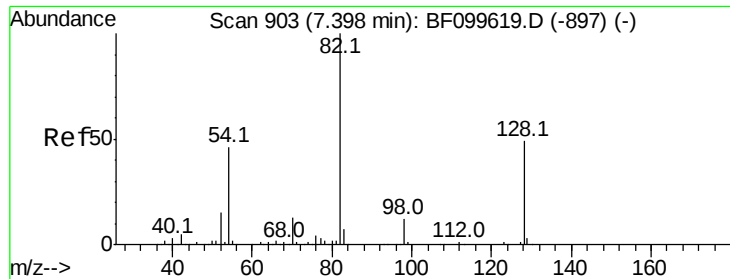
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



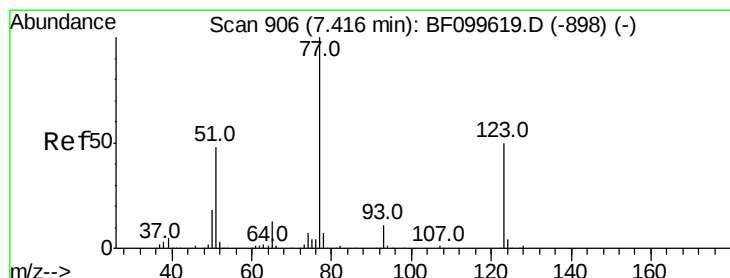
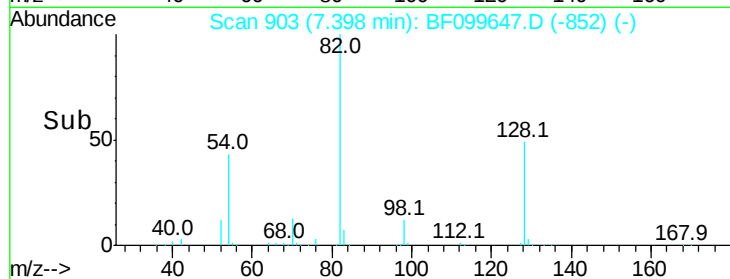
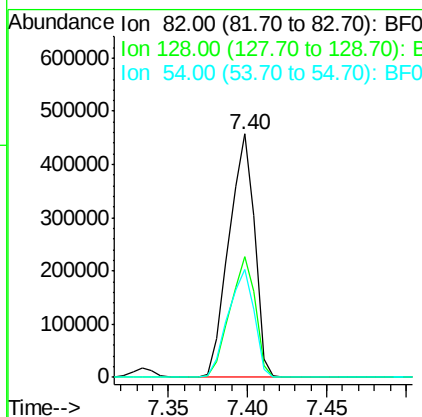
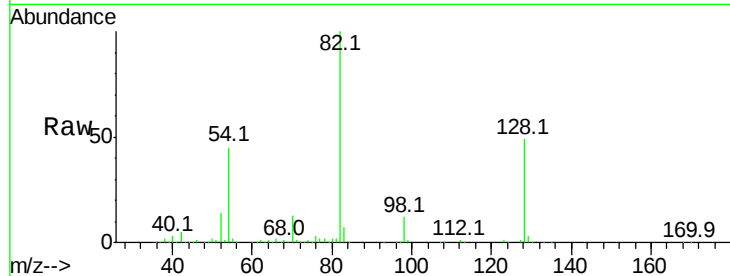


#23
 Nitrobenzene-d5
 Concen: 100.867 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 512936

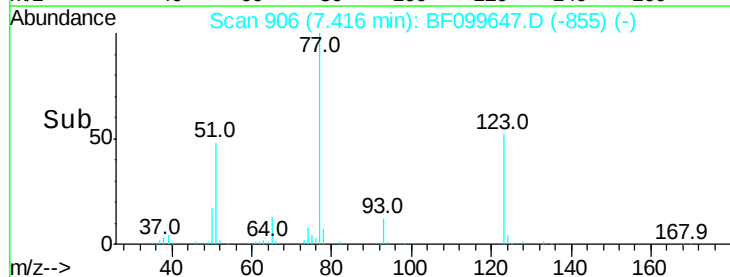
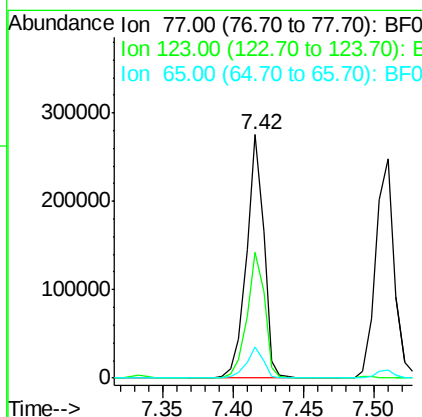
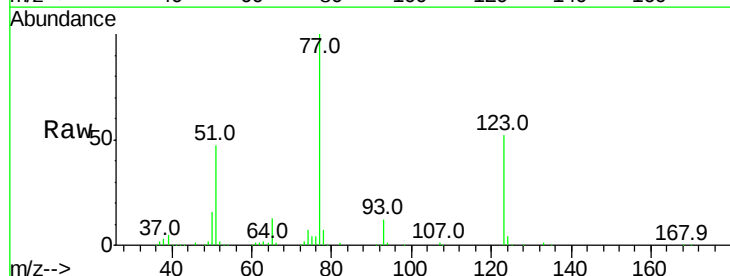
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	44.5	41.4	62.2

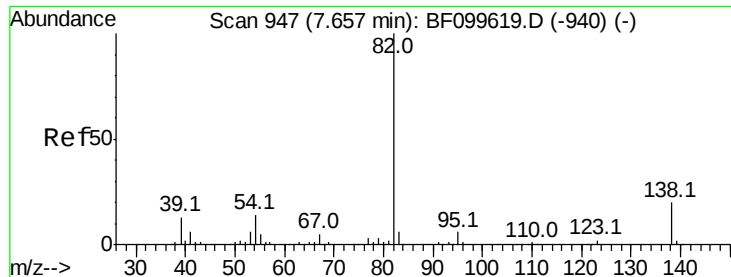


#24
 Nitrobenzene
 Concen: 41.041 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion: 77 Resp: 236752

Ion	Ratio	Lower	Upper
77	100		
123	51.8	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 41.280 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

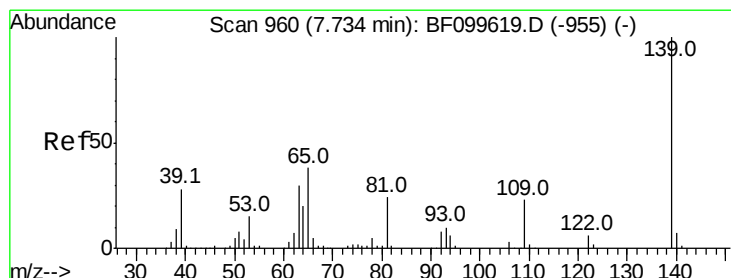
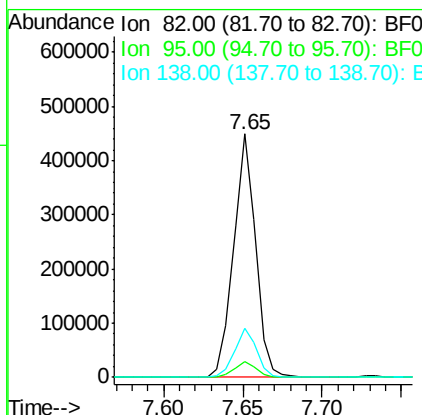
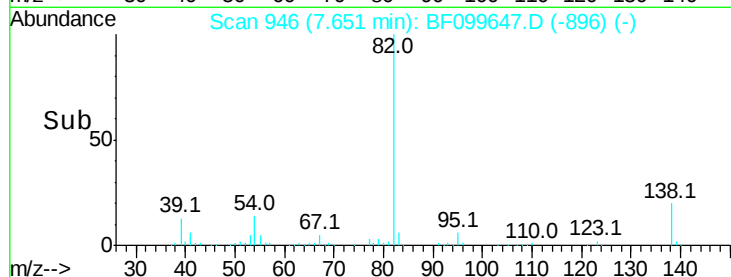
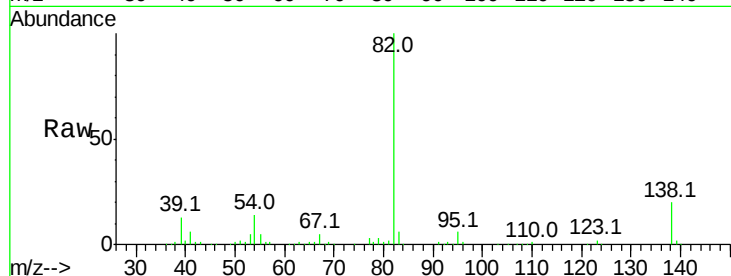
Tot Ion: 82 Resp: 434013

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 43.104 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

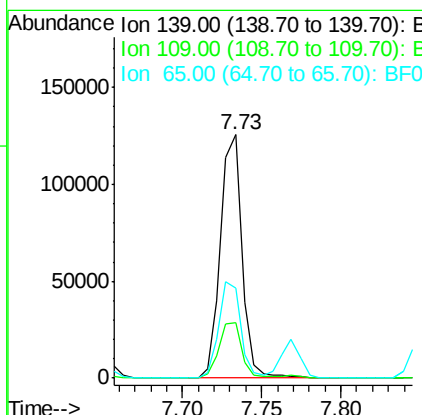
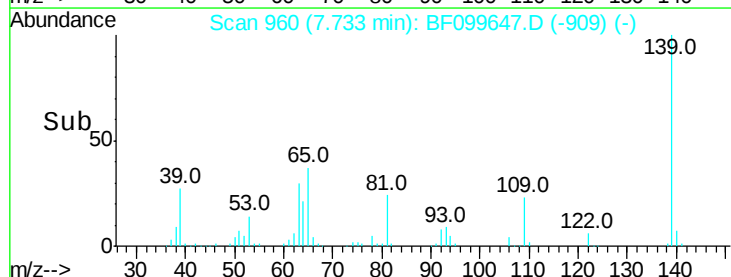
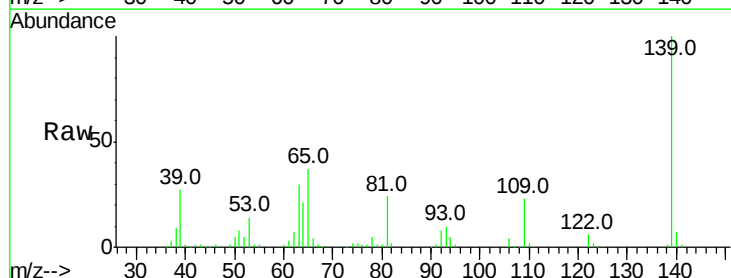
Tgt Ion:139 Resp: 119569

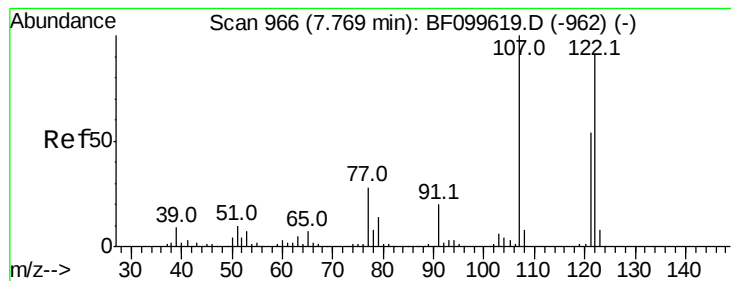
Ion Ratio Lower Upper

139 100

109 22.7 22.7 34.1

65 37.0 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 39.789 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampleId :

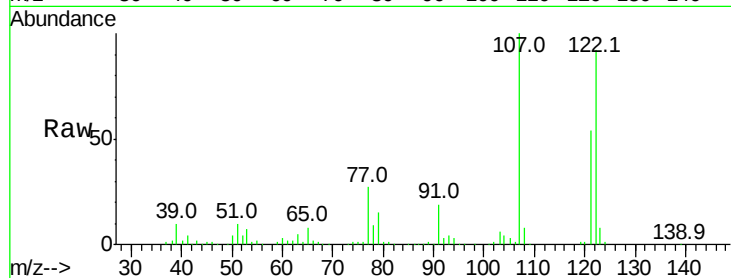
Tot Ion:122 Resp: 208445

Ion Ratio Lower Upper

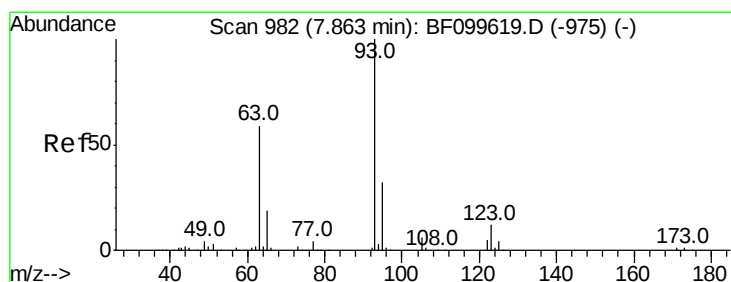
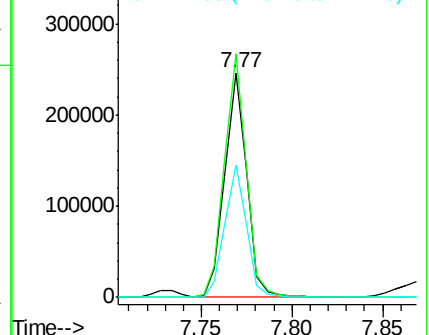
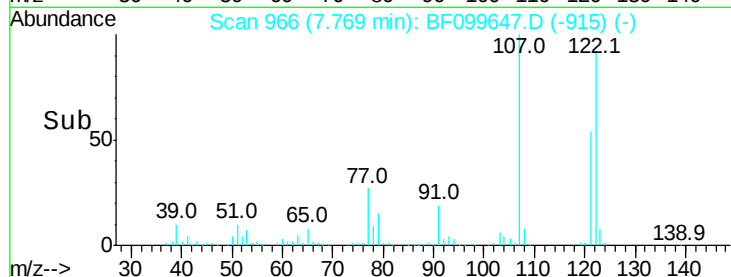
122 100

107 108.3 91.2 136.8

121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.094 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

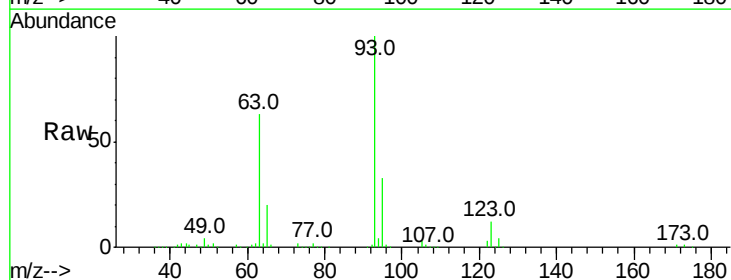
Tgt Ion: 93 Resp: 295462

Ion Ratio Lower Upper

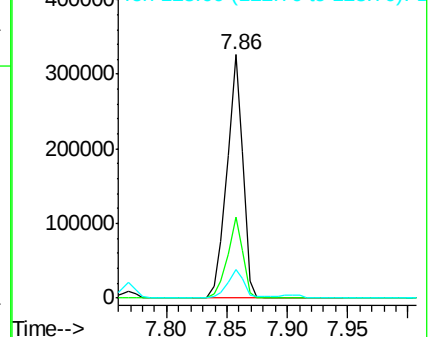
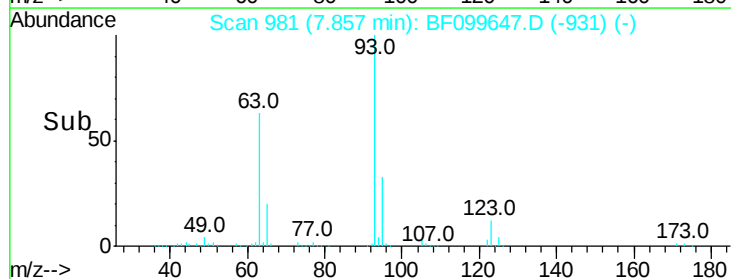
93 100

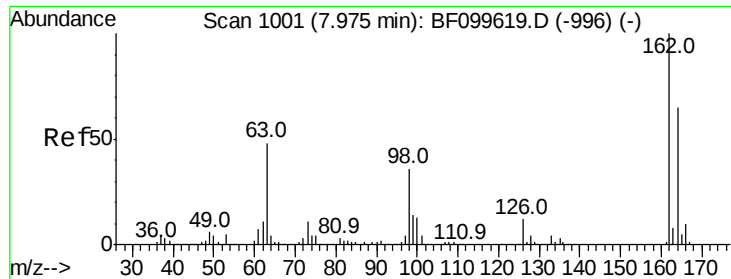
95 33.1 26.3 39.5

123 11.5 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

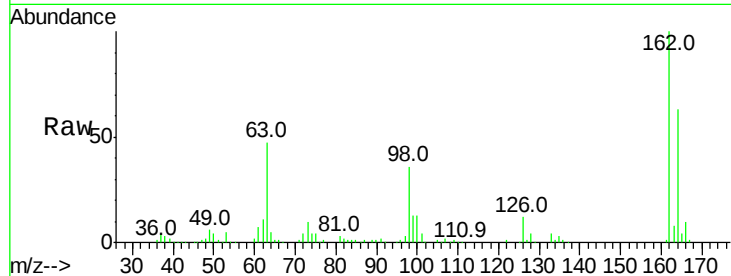




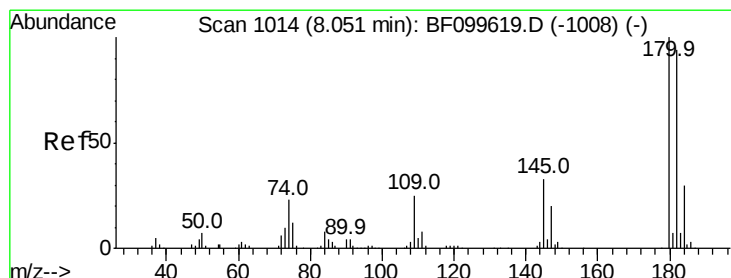
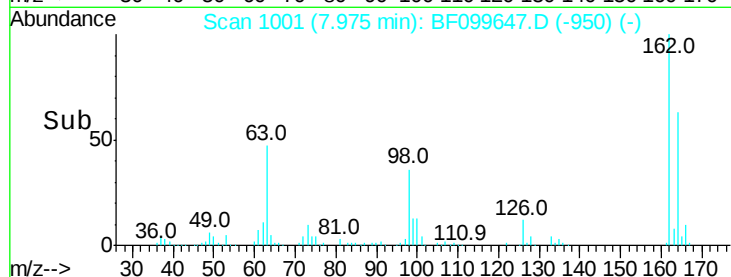
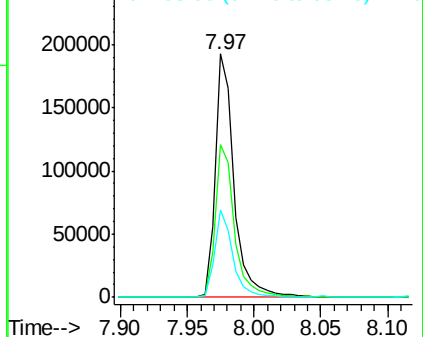
#29
 2,4-Dichlorophenol
 Concen: 42.642 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	35.7	18.1	58.1

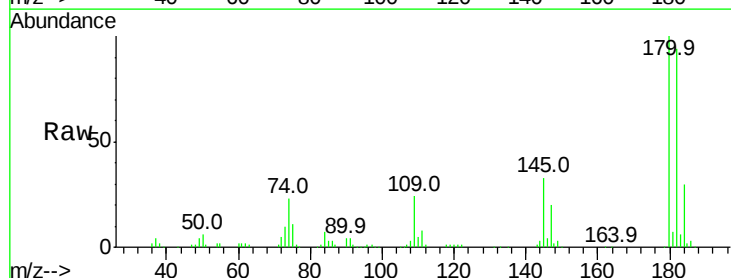


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

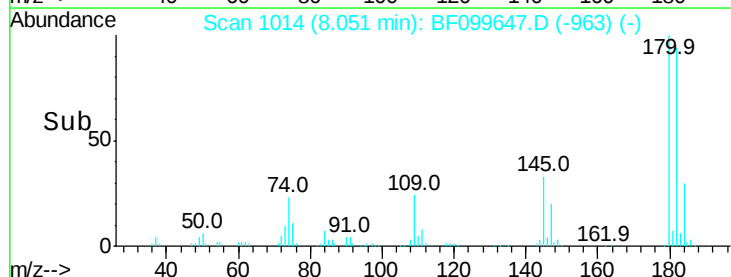
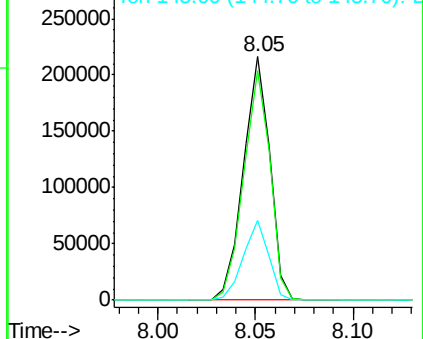


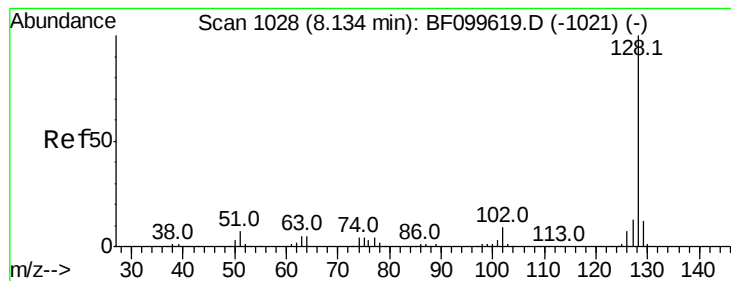
#30
 1,2,4-Trichlorobenzene
 Concen: 45.070 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	32.9	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: 44.909 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

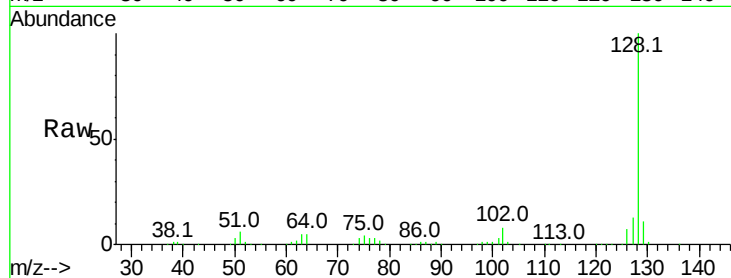
Tot Ion:128 Resp: 687861

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

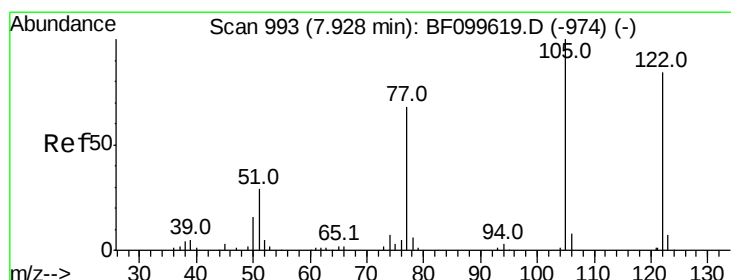
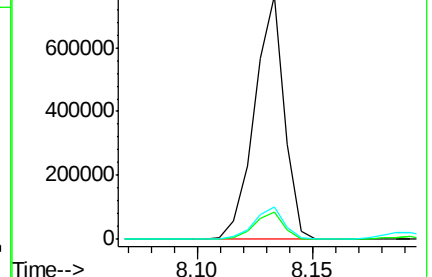
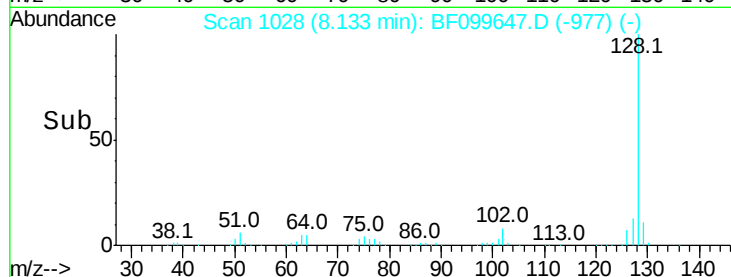
127 13.4 10.9 16.3



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: 27.452 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

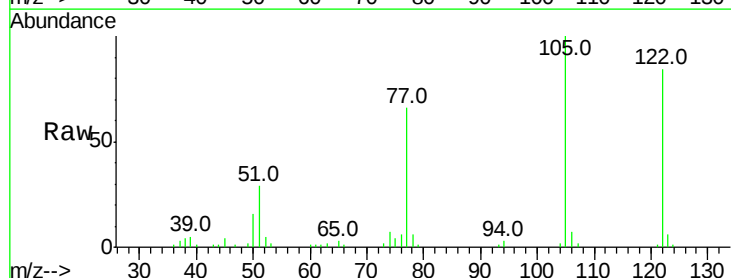
Tgt Ion:122 Resp: 118131

Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

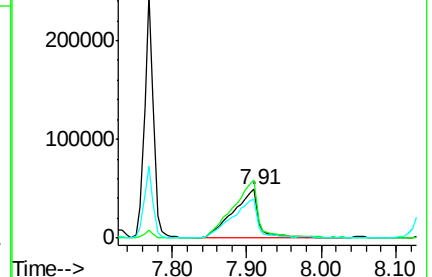
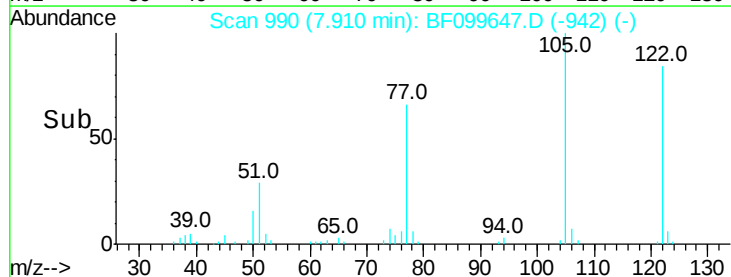
77 79.2 70.7 110.7

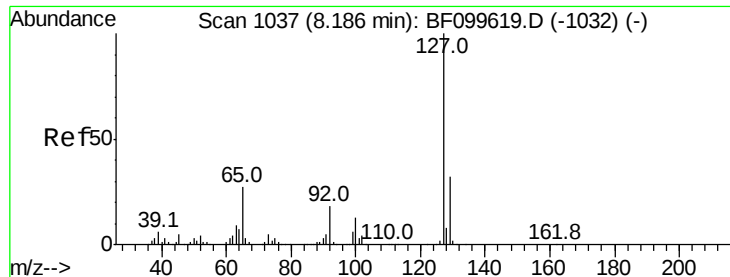


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

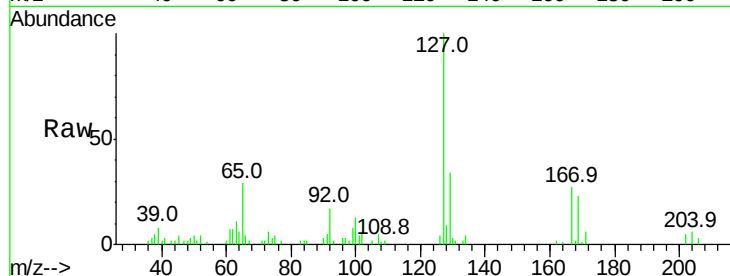




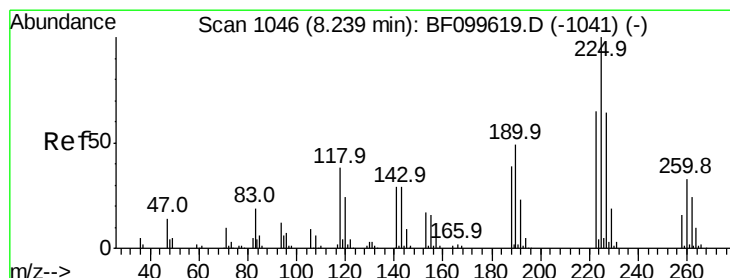
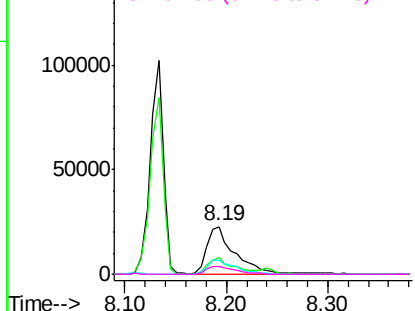
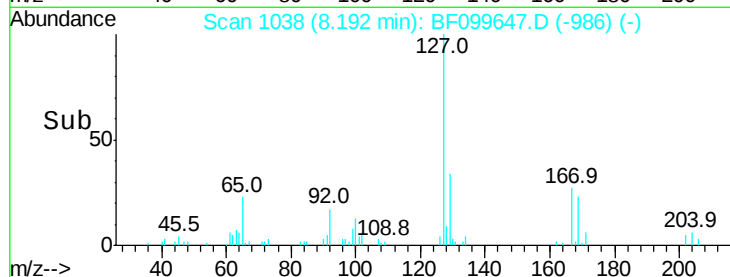
#33
4-Chloroaniline
Concen: 6.856 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 43852
Ion Ratio Lower Upper
127 100
129 34.3 25.9 38.9
65 29.0 25.0 37.4
92 16.5 15.2 22.8

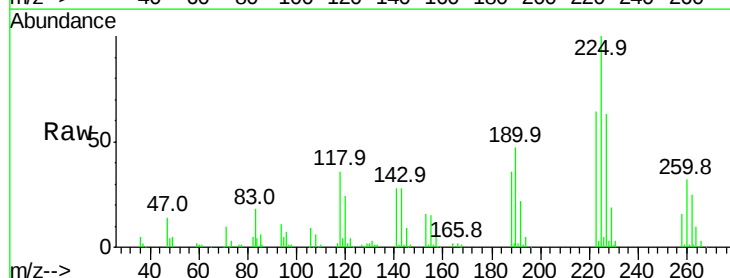


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

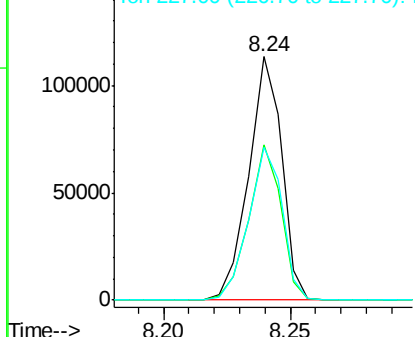
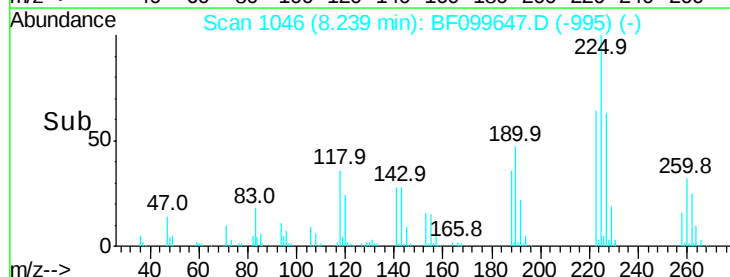


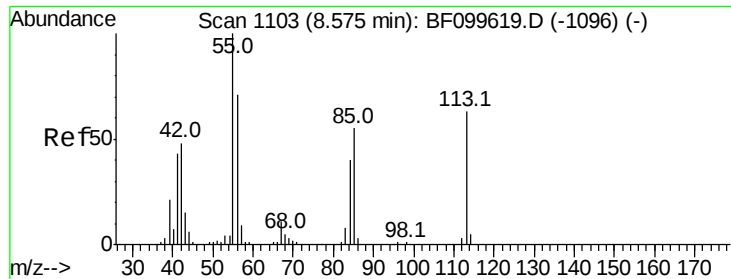
#34
Hexachlorobutadiene
Concen: 44.496 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:225 Resp: 103100
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 62.7 51.9 77.9



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

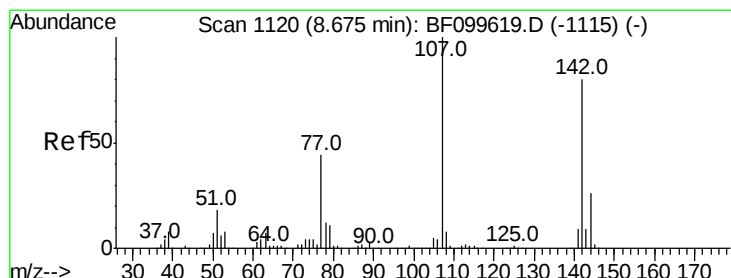
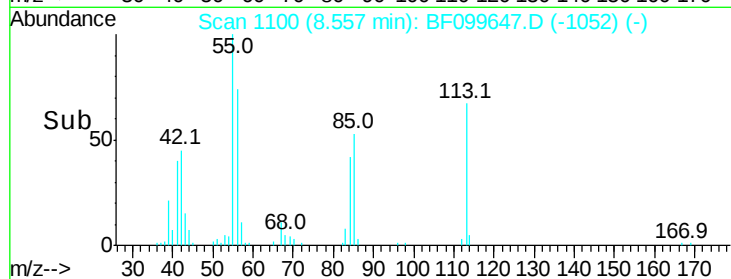
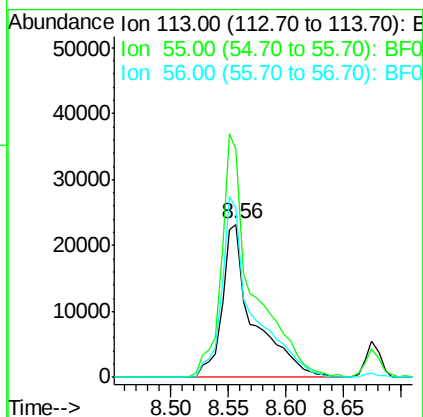
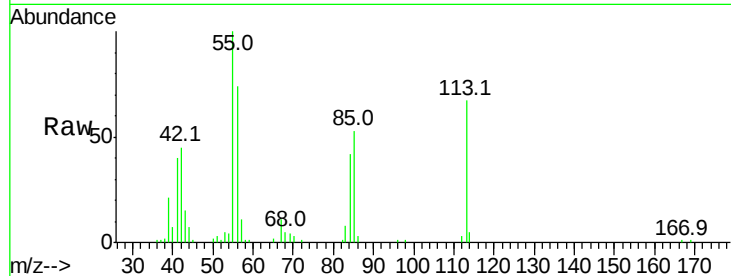




#35
Caprolactam
Concen: 30.048 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

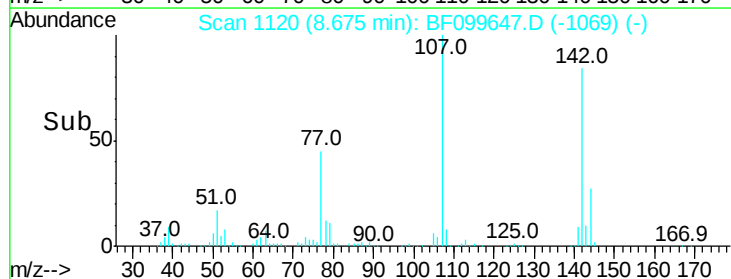
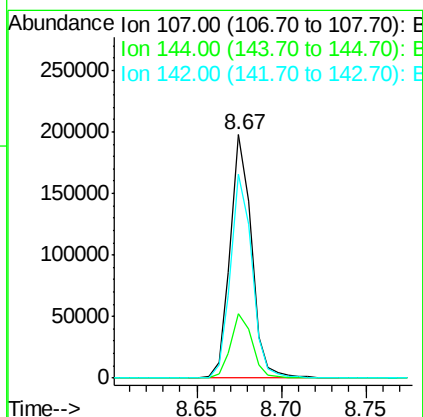
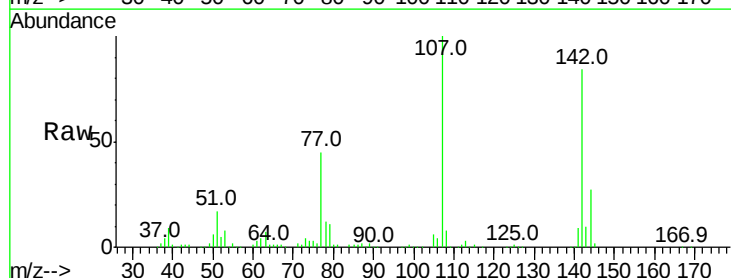
Instrument :
BNA_F
ClientSampled :

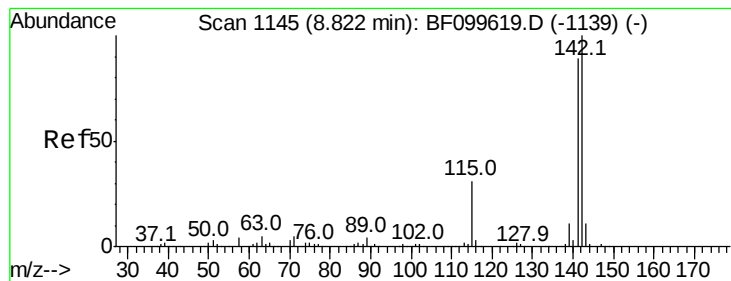
Tot Ion:113 Resp: 43352
Ion Ratio Lower Upper
113 100
55 149.1 163.3 203.3#
56 110.8 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 34.600 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:107 Resp: 174919
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 83.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 43.995 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampled :

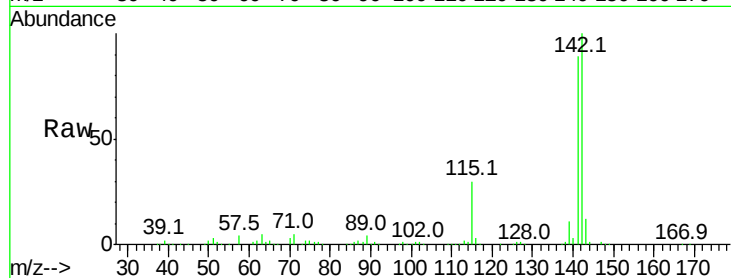
Tot Ion:142 Resp: 438063

Ion Ratio Lower Upper

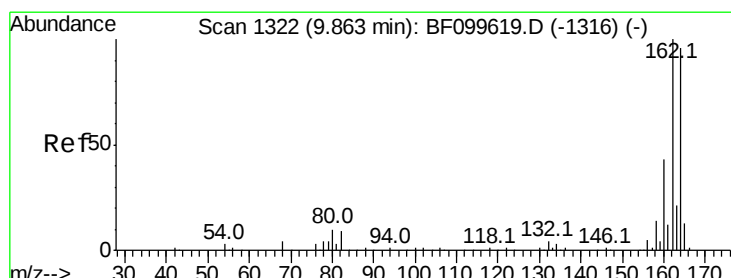
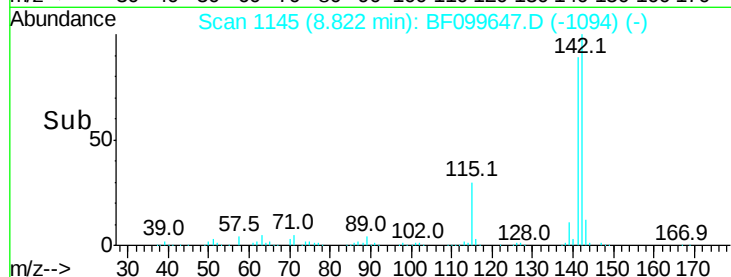
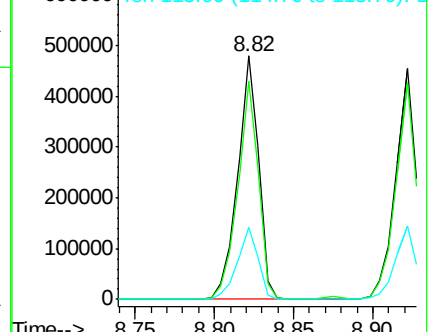
142 100

141 89.3 70.8 106.2

115 29.8 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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

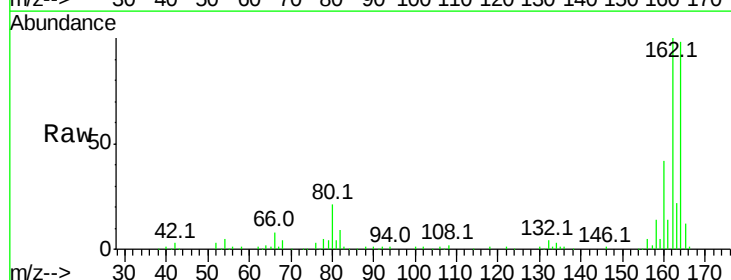
Tgt Ion:164 Resp: 114337

Ion Ratio Lower Upper

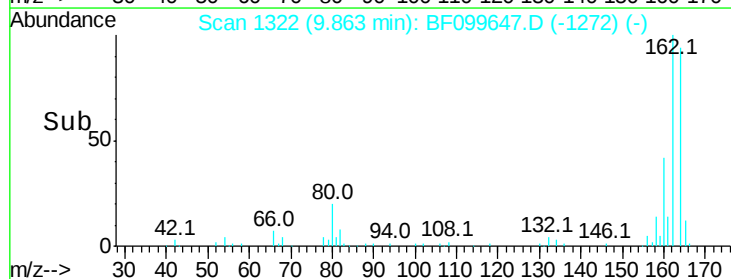
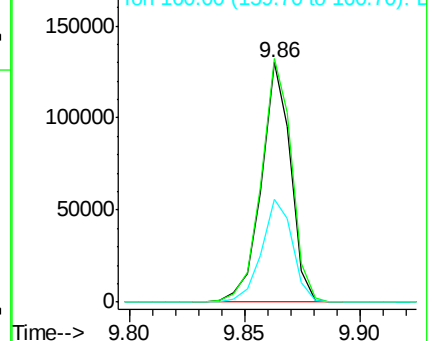
164 100

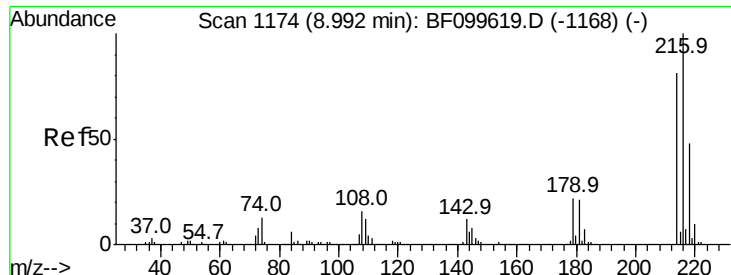
162 101.6 86.1 129.1

160 42.7 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

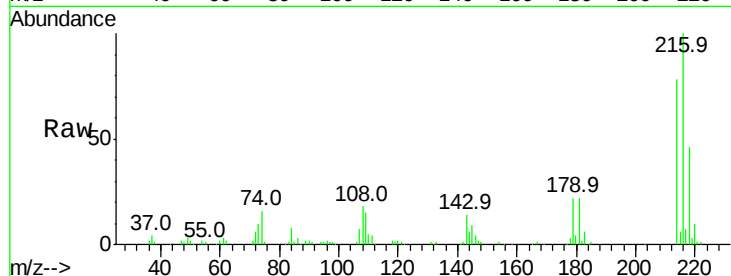




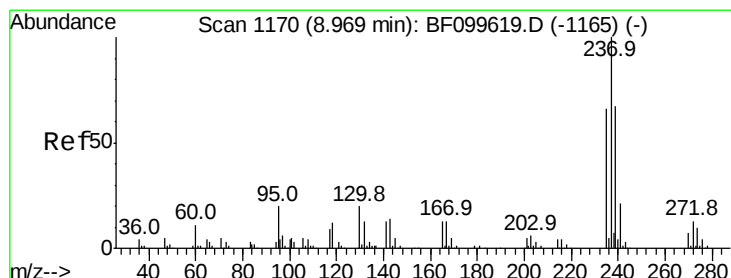
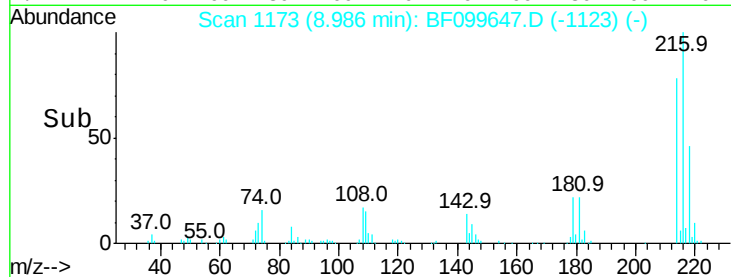
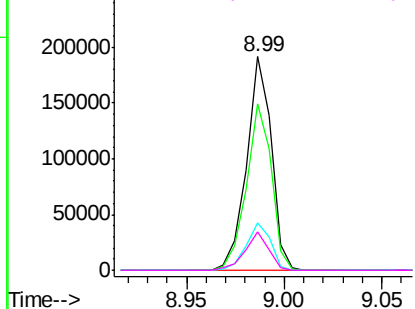
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.483 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	168731
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	22.1	18.1	27.1
108	17.0	17.2	25.8#

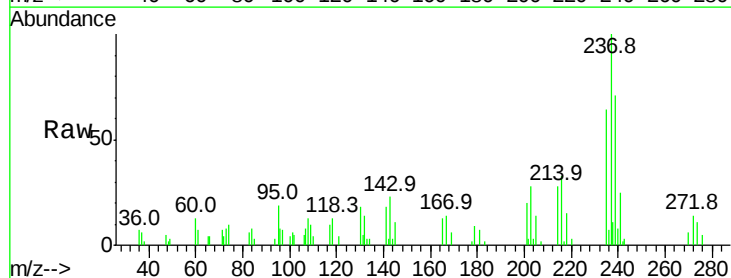


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

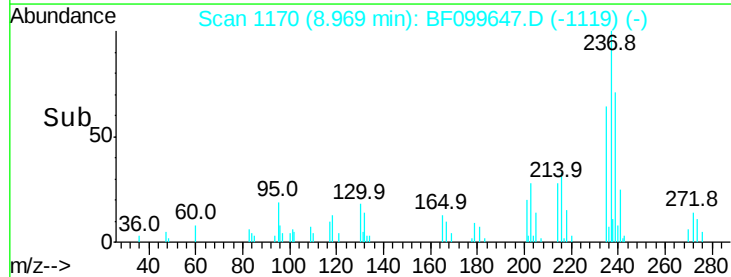
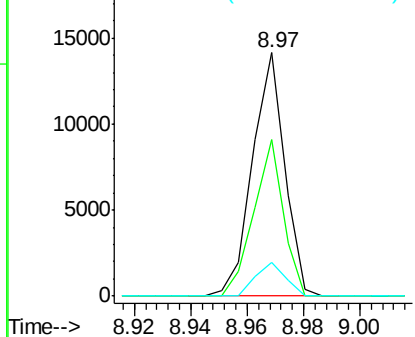


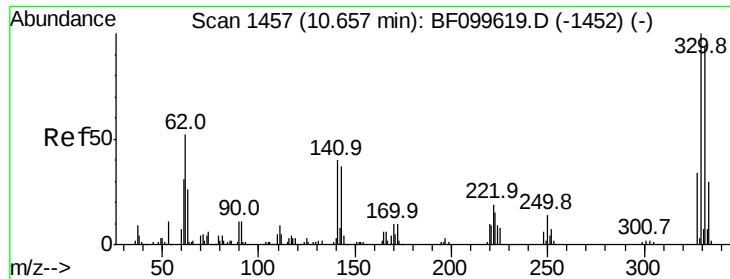
#40
 Hexachlorocyclopentadiene
 Concen: 7.203 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion:	237	Resp:	11224
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.8	84.8
272	14.1	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

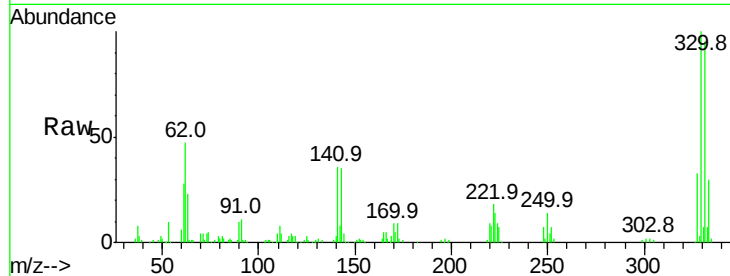




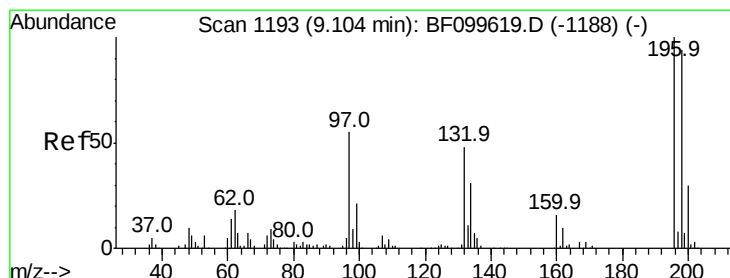
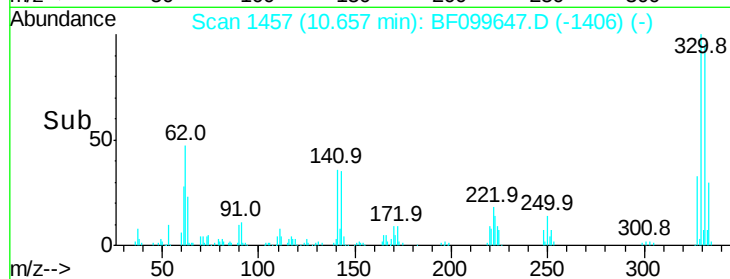
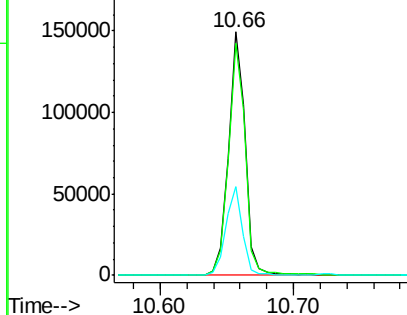
#41
 2,4,6-Tribromophenol
 Concen: 141.973 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.5	29.9	44.9

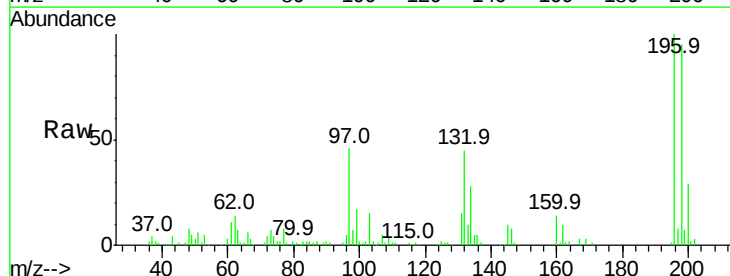


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

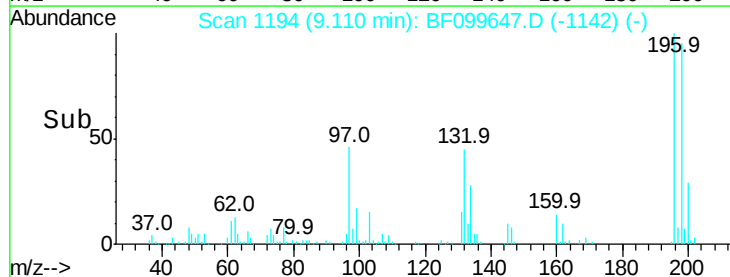
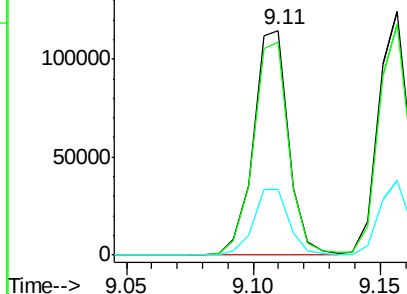


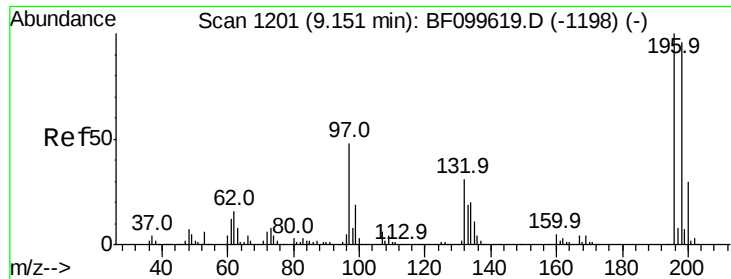
#42
 2,4,6-Trichlorophenol
 Concen: 46.067 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
200	29.4	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

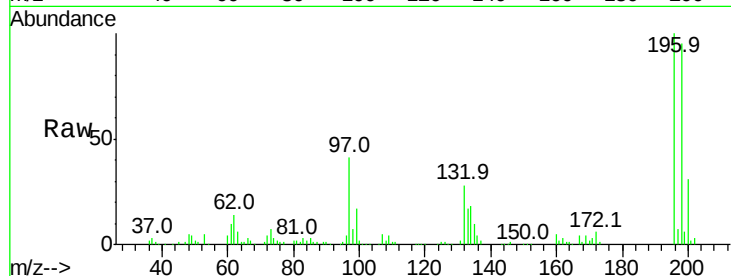




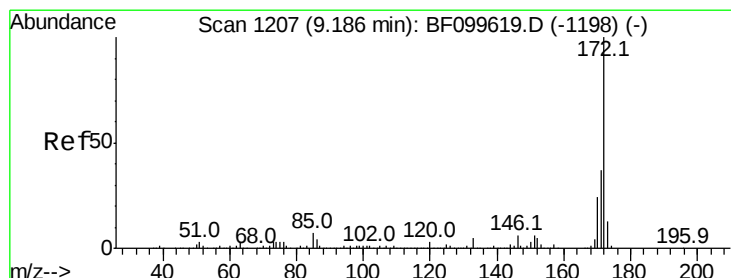
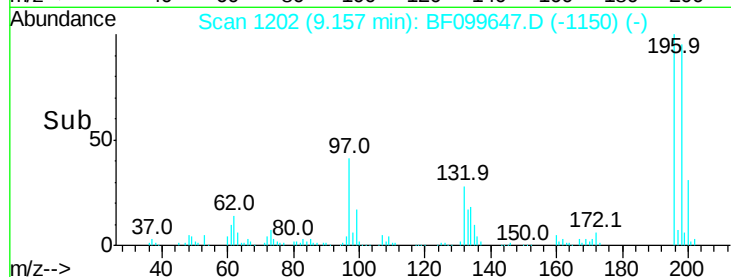
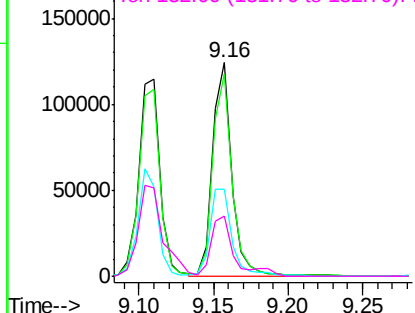
#43
 2,4,5-Trichlorophenol
 Concen: 46.317 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111690		
198	94.8	74.6	112.0	
97	40.8	42.9	64.3	#
132	28.4	26.3	39.5	

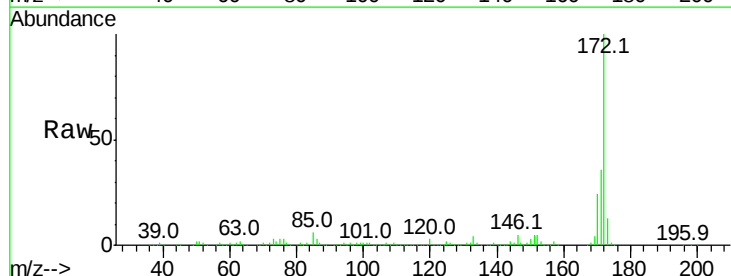


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

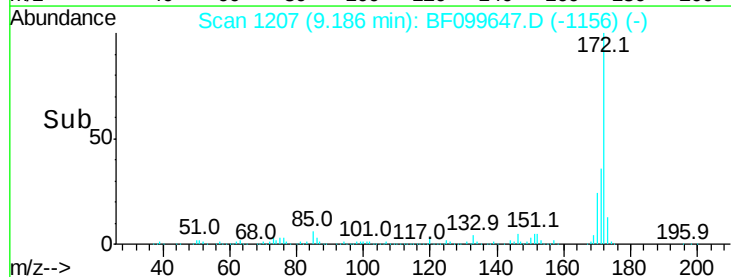
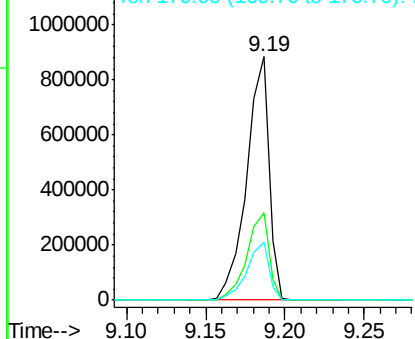


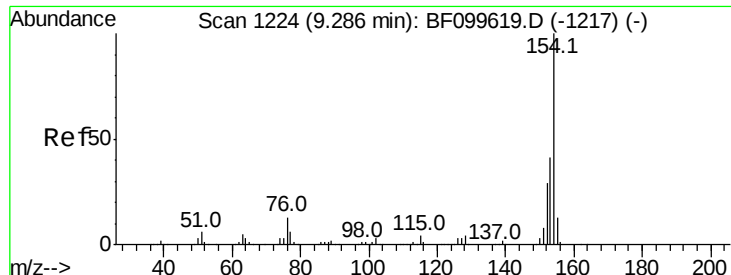
#44
 2-Fluorobiphenyl
 Concen: 125.954 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	862651		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	



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





#45

1,1'-Biphenyl

Concen: 49.076 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

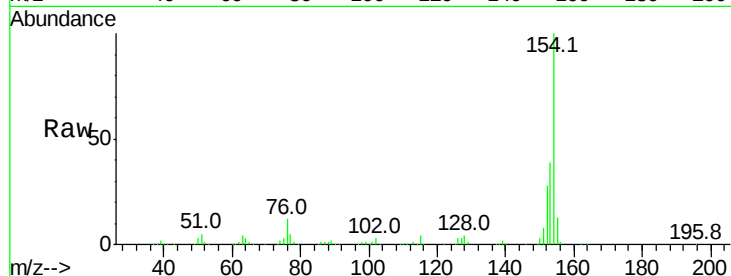
Tot Ion:154 Resp: 482248

Ion Ratio Lower Upper

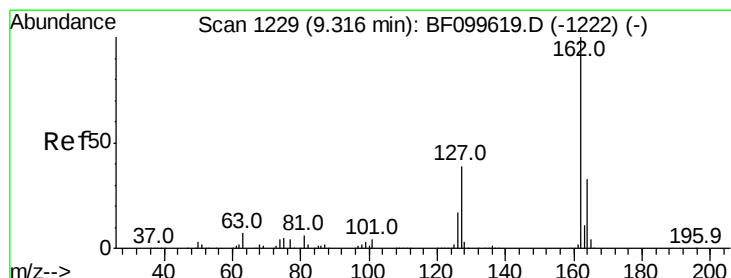
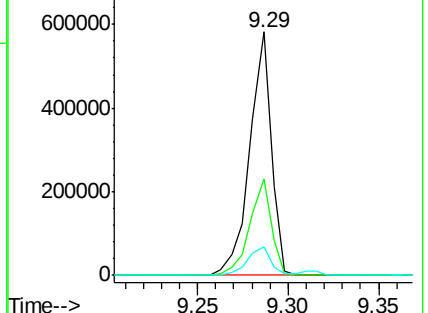
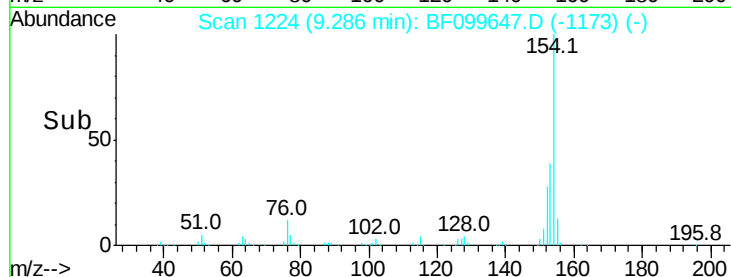
154 100

153 39.4 21.3 61.3

76 11.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.508 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

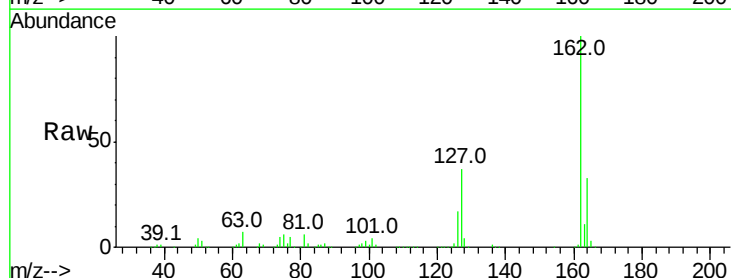
Tgt Ion:162 Resp: 357895

Ion Ratio Lower Upper

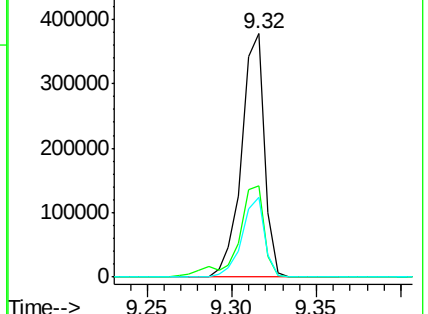
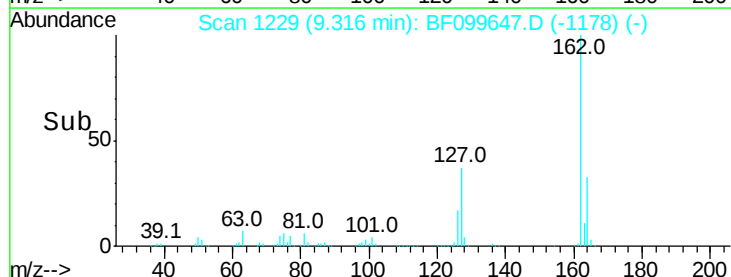
162 100

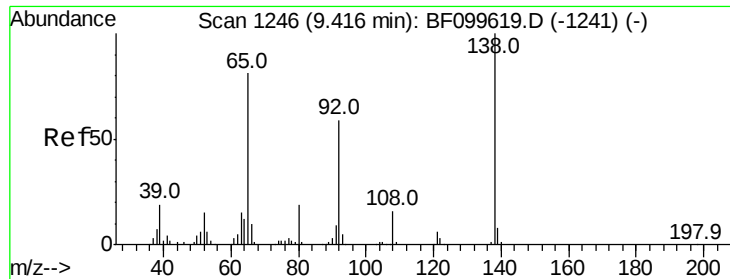
127 37.5 33.9 50.9

164 32.7 26.5 39.7



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

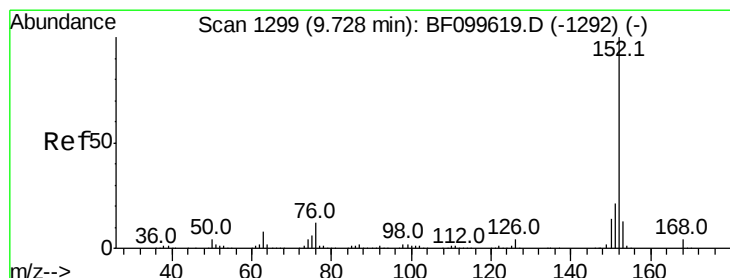
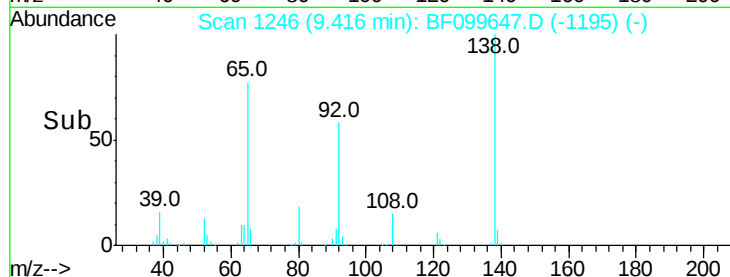
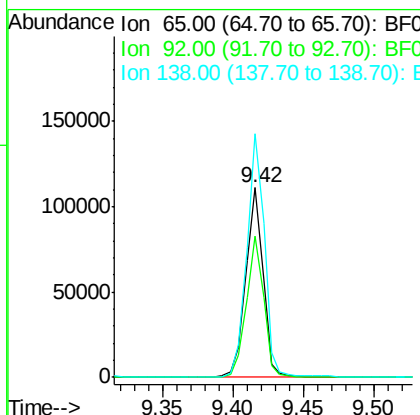
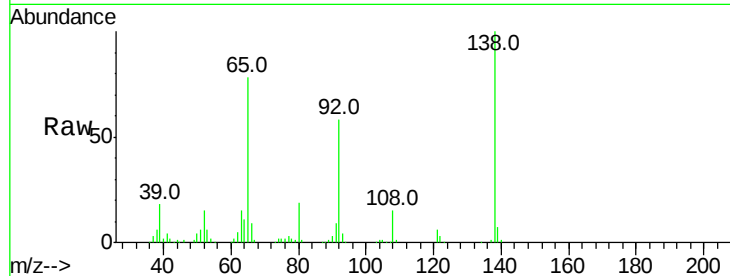




#47
2-Nitroaniline
Concen: 42.513 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

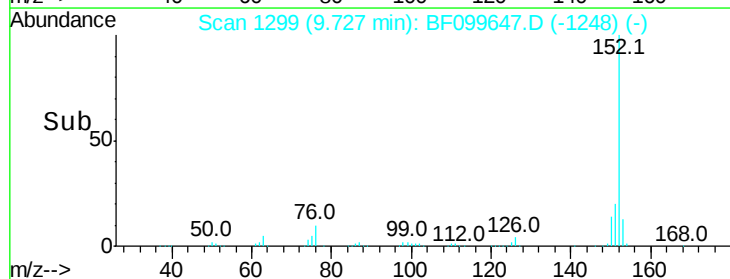
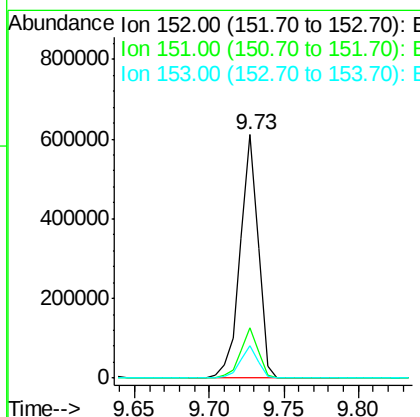
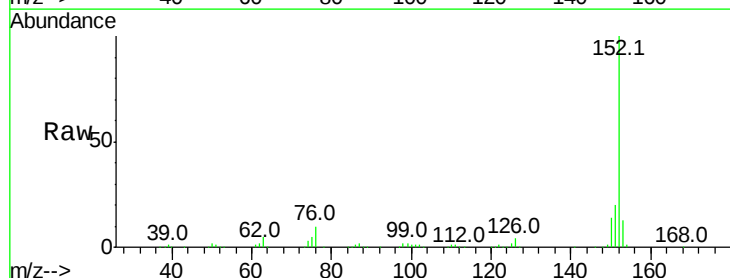
Instrument :
BNA_F
ClientSampleId :

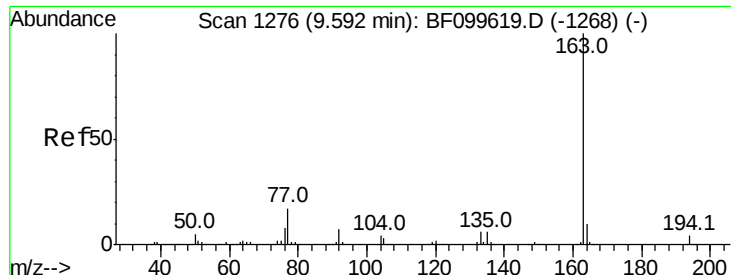
Tot Ion: 65 Resp: 96042
Ion Ratio Lower Upper
65 100
92 74.3 55.8 83.6
138 128.5 91.2 136.8



#48
Acenaphthylene
Concen: 45.866 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion: 152 Resp: 518029
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.7 16.1

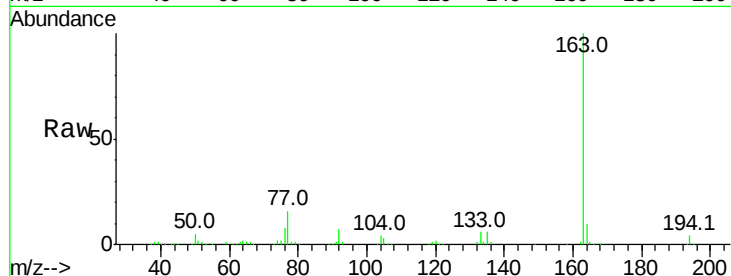




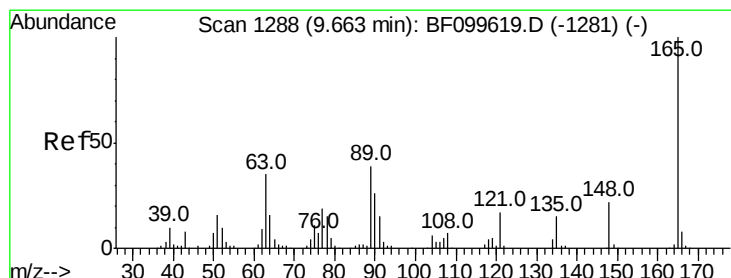
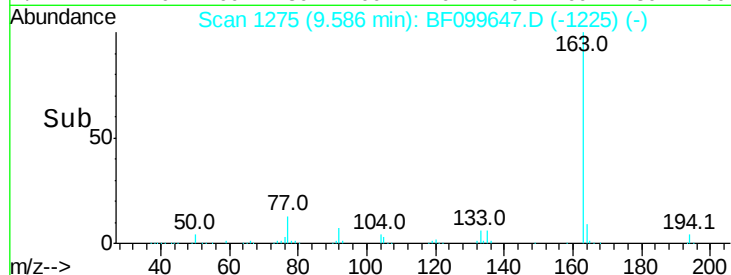
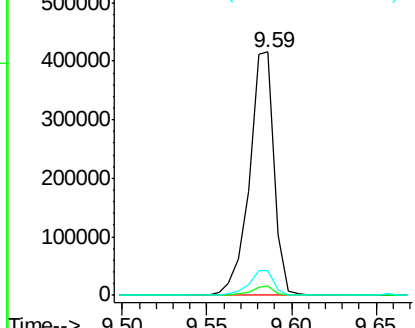
#49
Dimethylphthalate
Concen: 49.372 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 426055
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

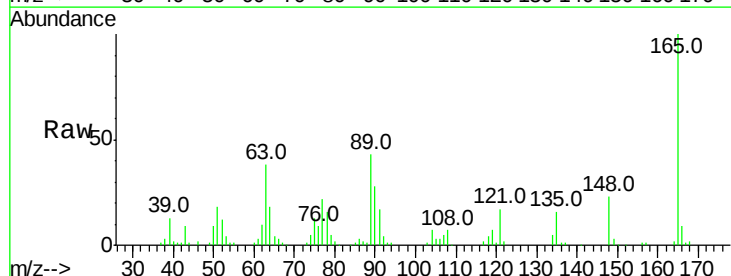


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

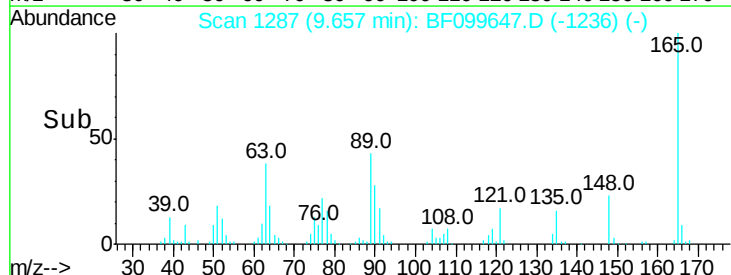
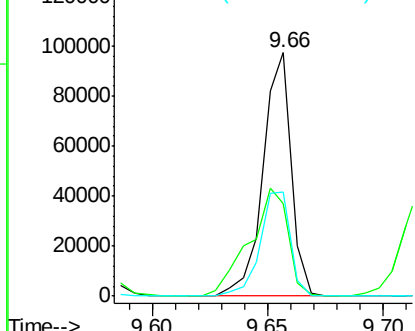


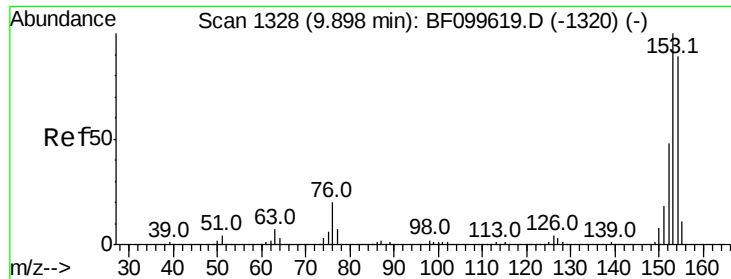
#50
2,6-Dinitrotoluene
Concen: 44.183 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:165 Resp: 83006
Ion Ratio Lower Upper
165 100
63 38.0 44.7 67.1#
89 42.8 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

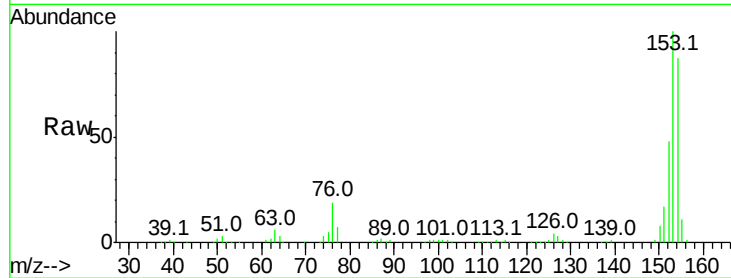




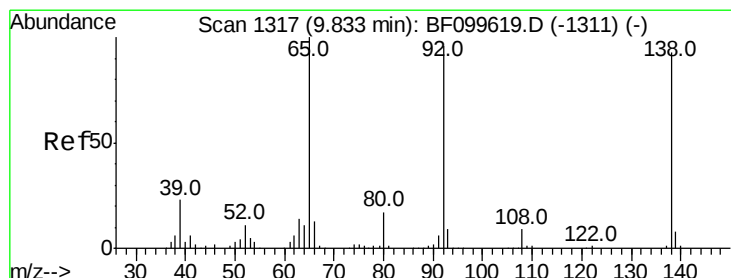
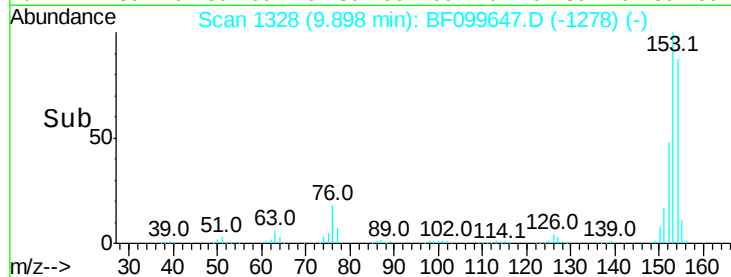
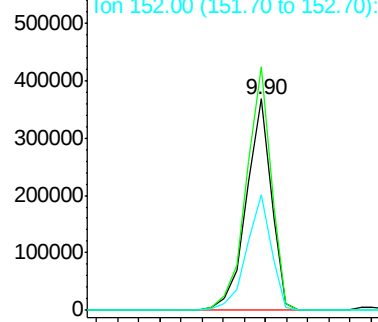
#51
Acenaphthene
Concen: 42.341 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 302930
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 54.7 43.8 65.8

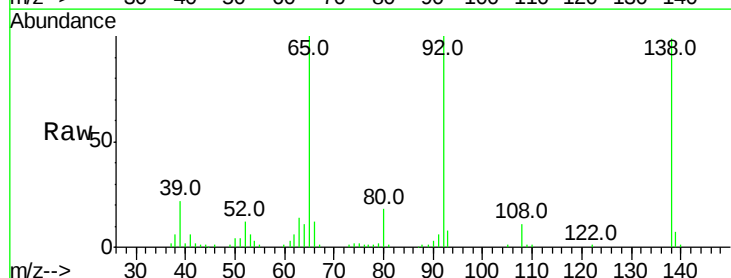


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

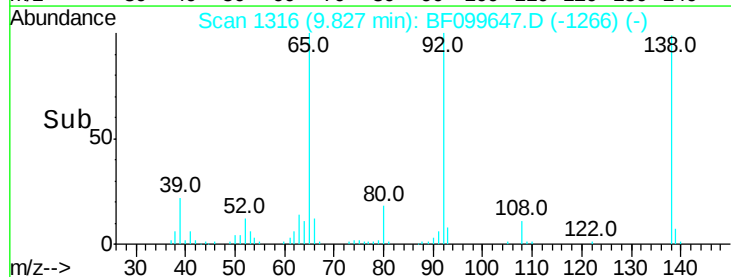
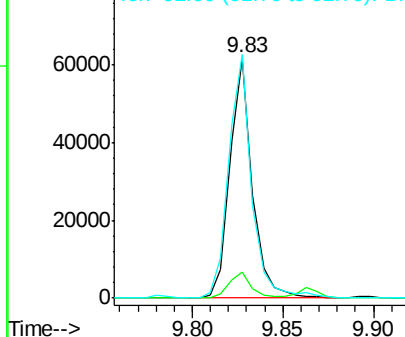


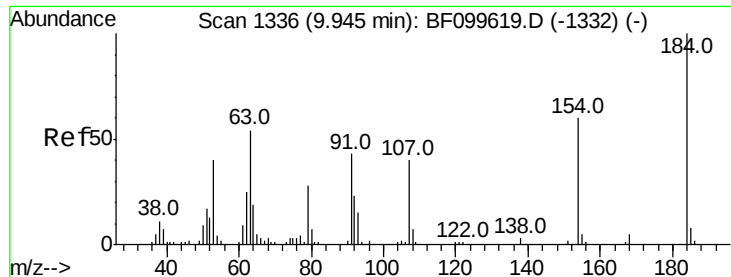
#52
3-Nitroaniline
Concen: 24.354 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:138 Resp: 53350
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 101.4 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): BF0

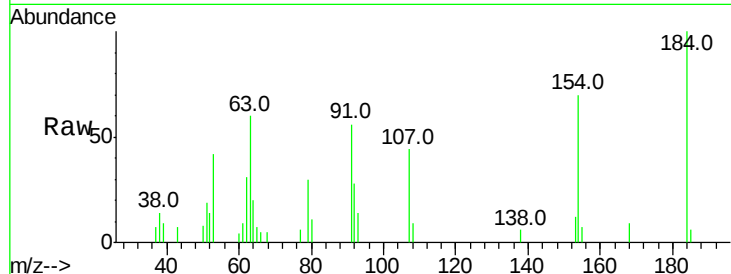




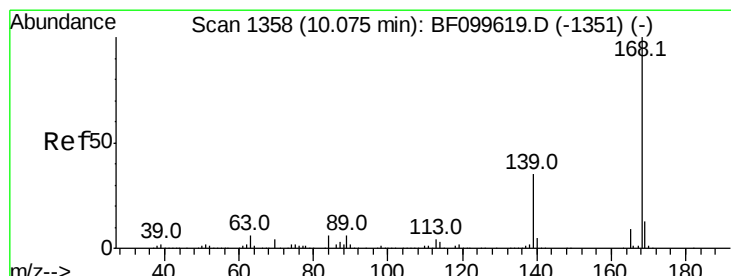
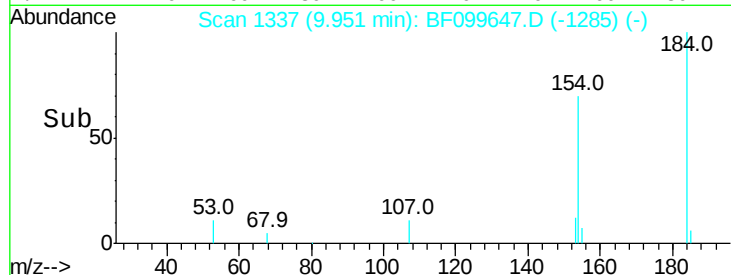
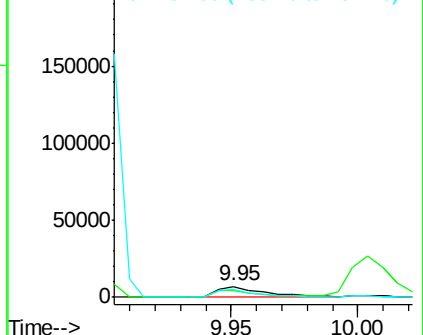
#53
 2,4-Dinitrophenol
 Concen: 14.895 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 9565
 Ion Ratio Lower Upper
 184 100
 63 60.3 54.2 81.2
 154 70.3 53.5 80.3

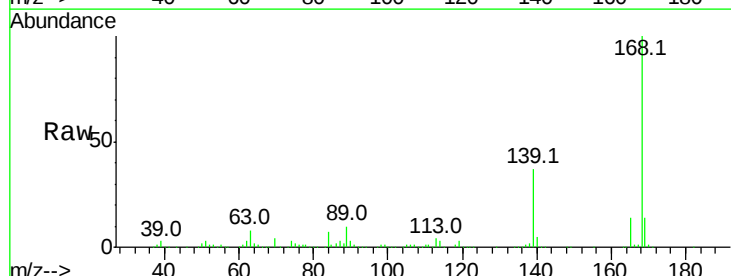


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

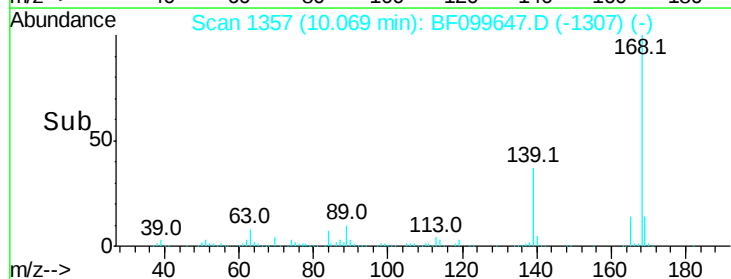
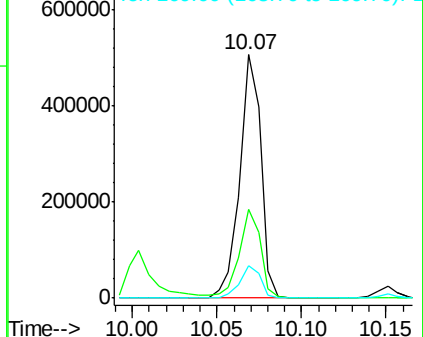


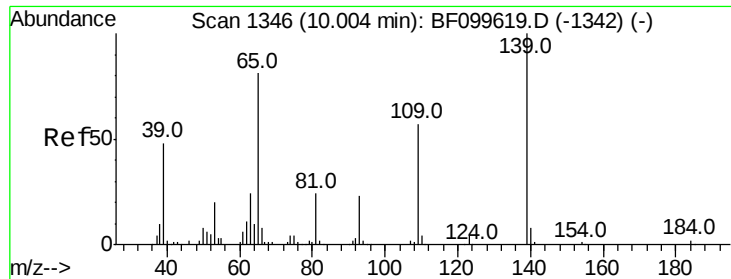
#54
 Dibenzofuran
 Concen: 46.252 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion:168 Resp: 440594
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.1 45.1
 169 13.6 10.9 16.3



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

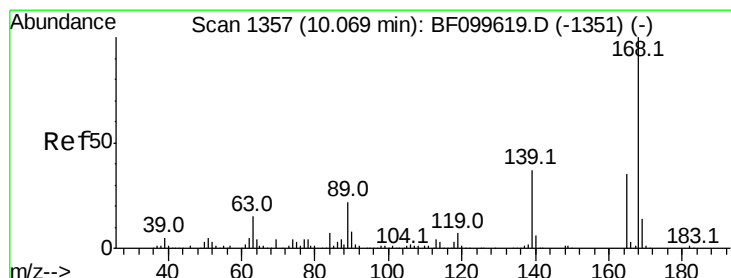
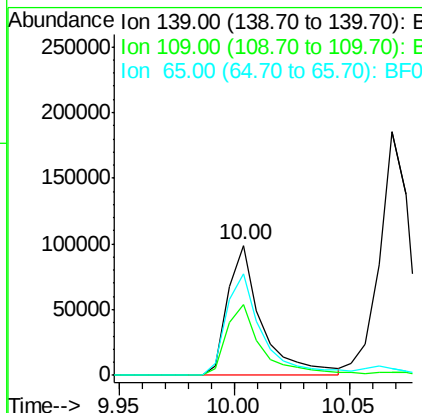
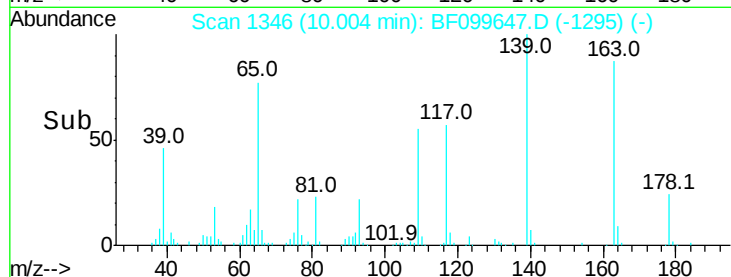
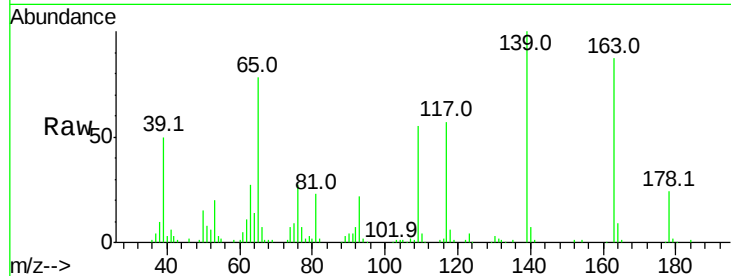




#55
4-Nitrophenol
Concen: 55.326 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

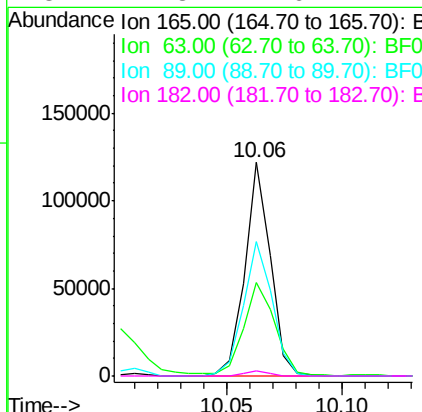
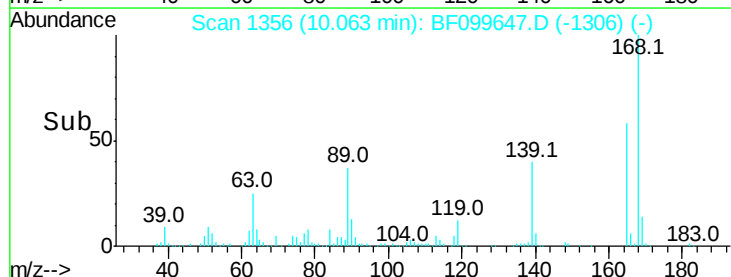
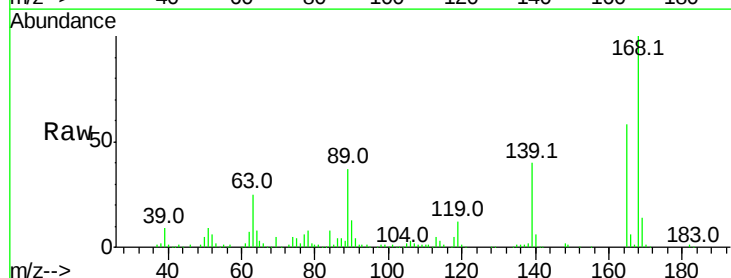
Instrument :
BNA_F
ClientSampleId :

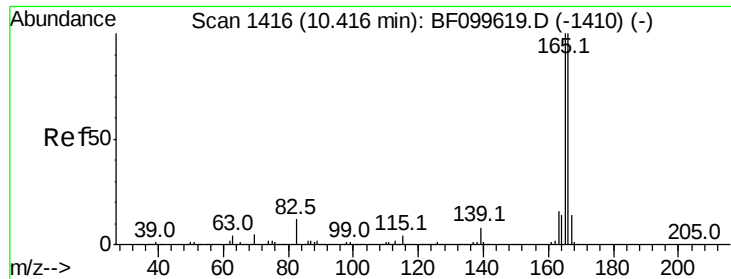
Tot Ion:139 Resp: 102479
Ion Ratio Lower Upper
139 100
109 54.7 48.4 88.4
65 77.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.816 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:165 Resp: 94641
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 63.1 57.8 86.6
182 2.3 1.6 2.4

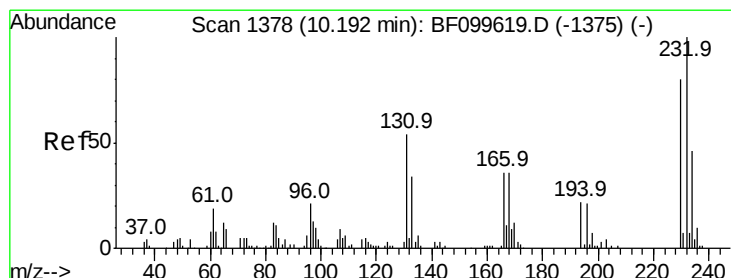
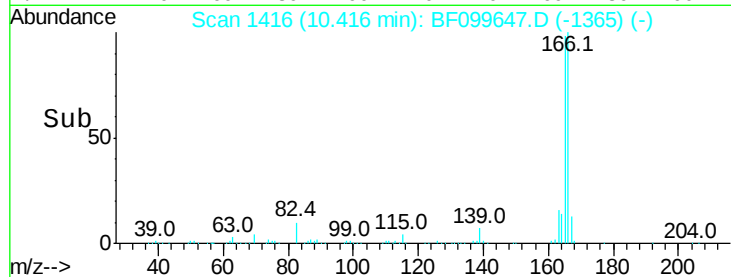
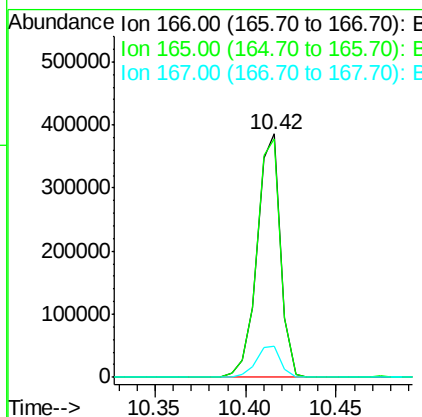
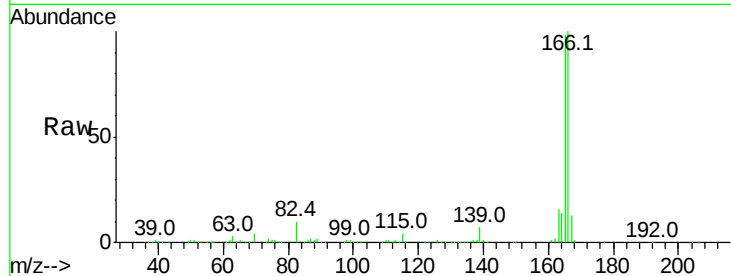




#57
 Fluorene
 Concen: 45.224 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

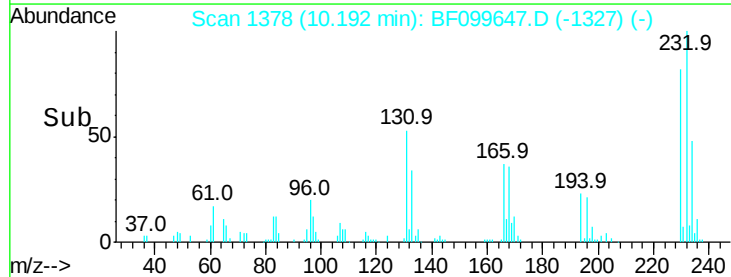
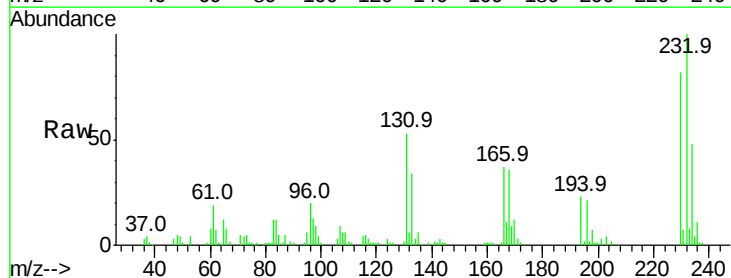
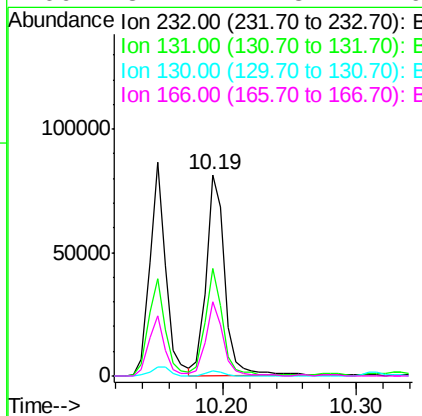
Instrument :
 BNA_F
 ClientSampled :

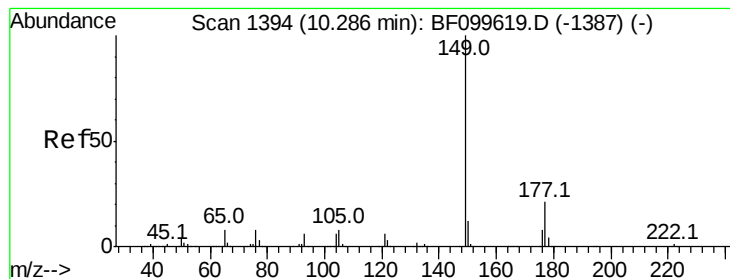
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.465 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.3	43.8	65.8
130	2.1	2.1	3.1#
166	34.7	27.8	41.6





#59

Diethylphthalate

Concen: 44.910 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

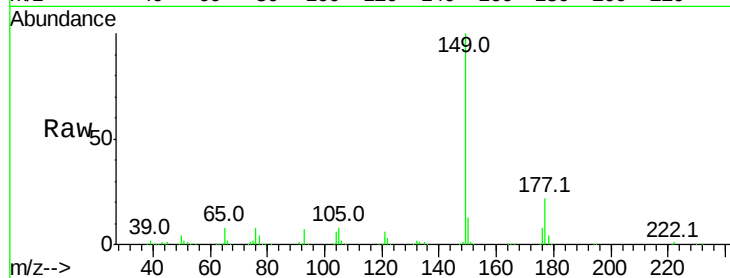
Tot Ion:149 Resp: 378696

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

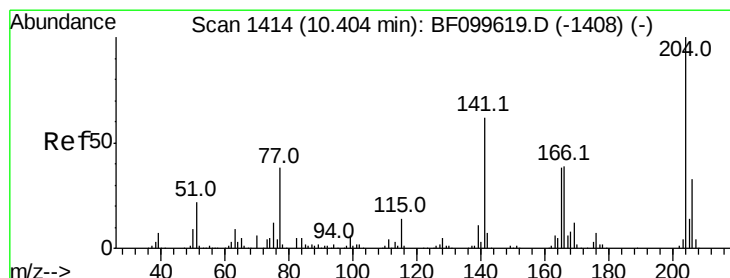
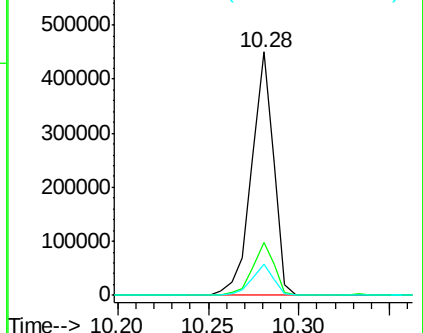
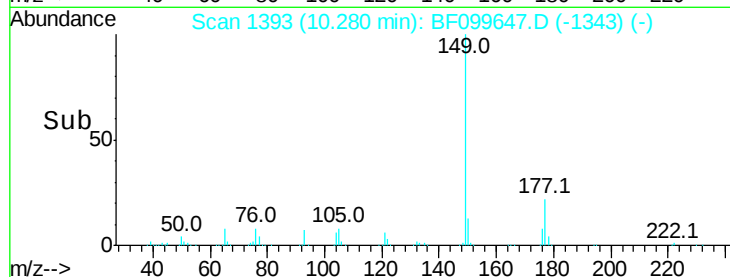
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.743 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

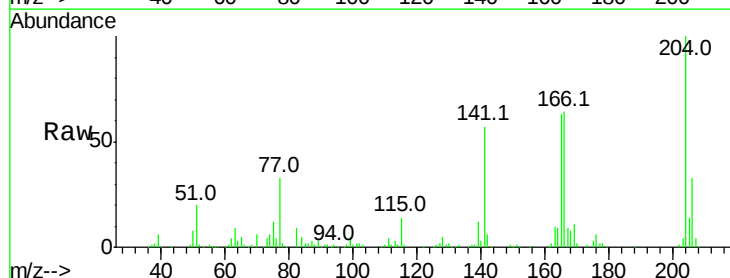
Tgt Ion:204 Resp: 157324

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

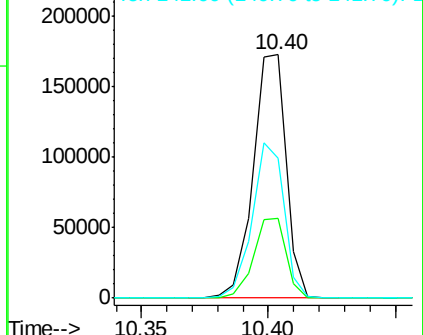
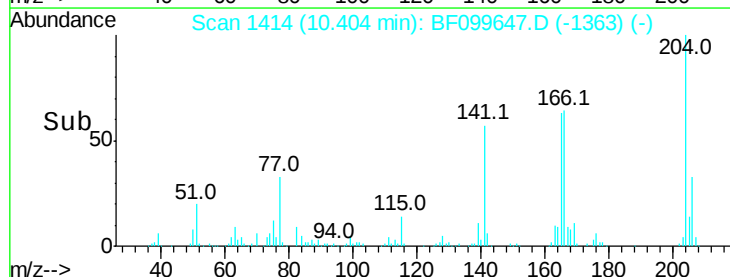
141 57.4 54.6 81.8

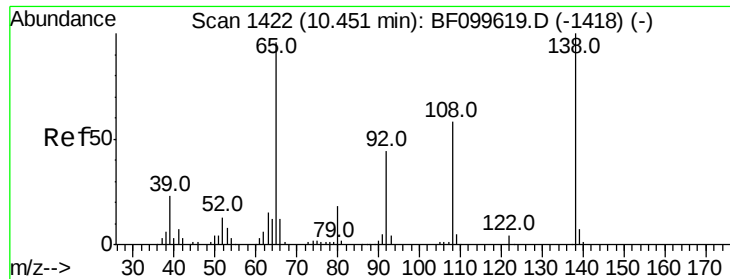


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

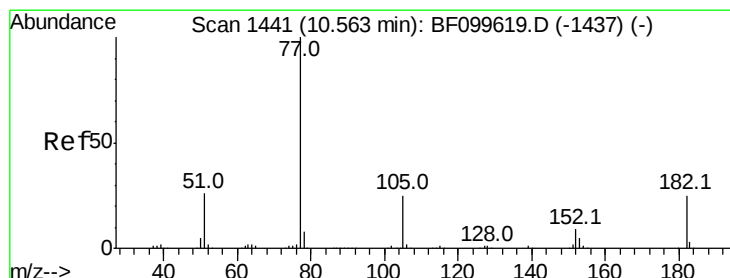
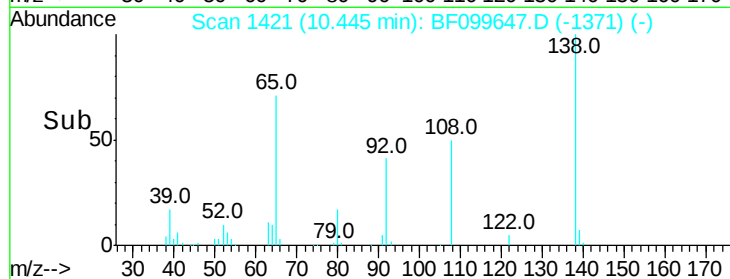
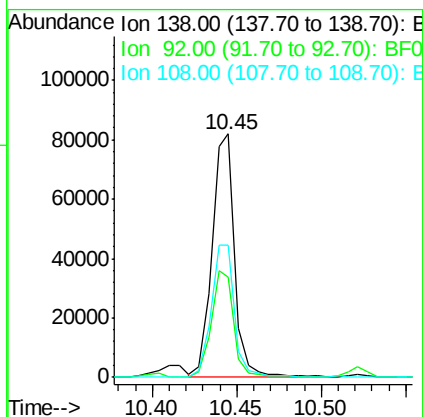
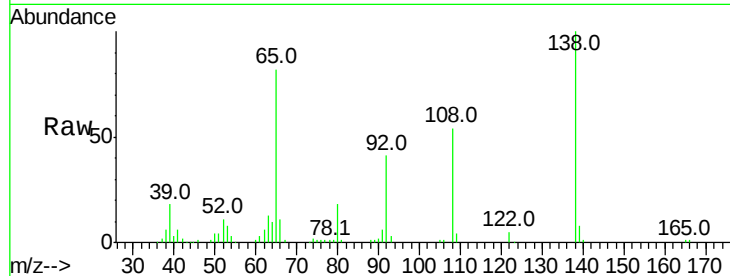




#61
4-Nitroaniline
Concen: 36.492 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

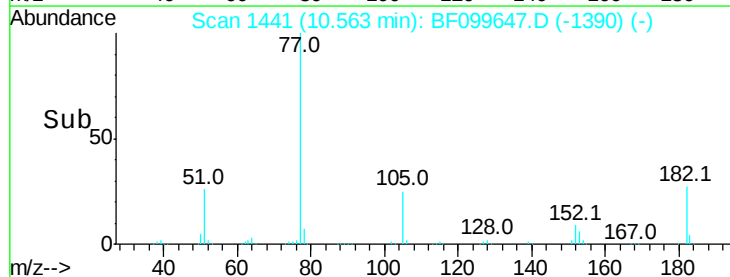
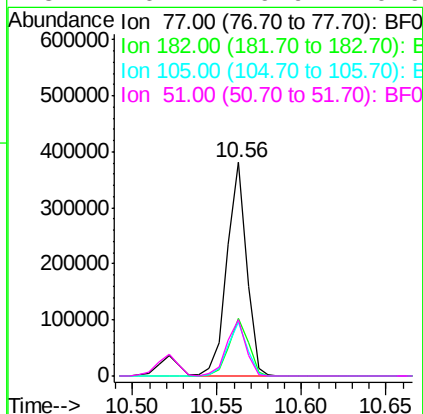
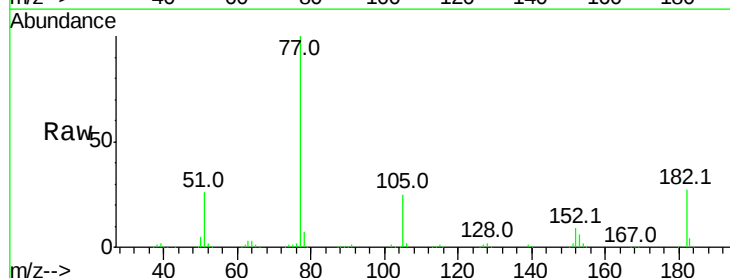
Instrument :
BNA_F
ClientSampleId :

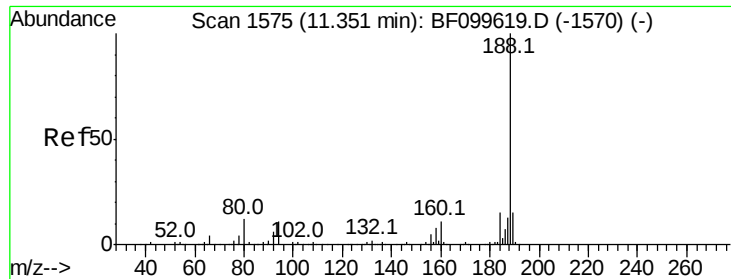
Tot Ion:138 Resp: 77122
Ion Ratio Lower Upper
138 100
92 41.1 30.2 70.2
108 54.2 52.5 92.5



#62
Azobenzene
Concen: 39.587 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion: 77 Resp: 306930
Ion Ratio Lower Upper
77 100
182 26.8 1.7 41.7
105 25.4 3.0 43.0
51 26.1 9.9 49.9

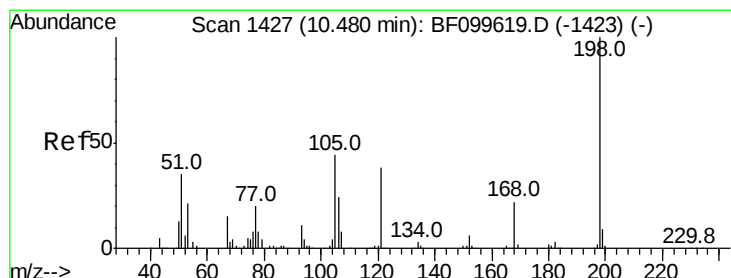
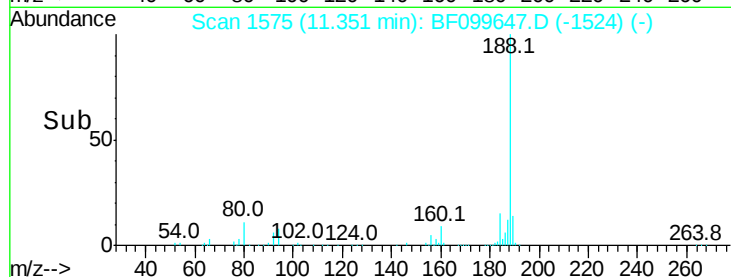
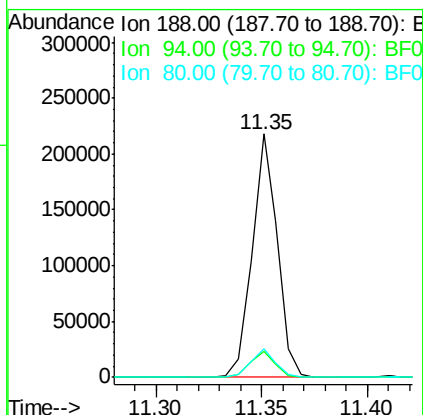
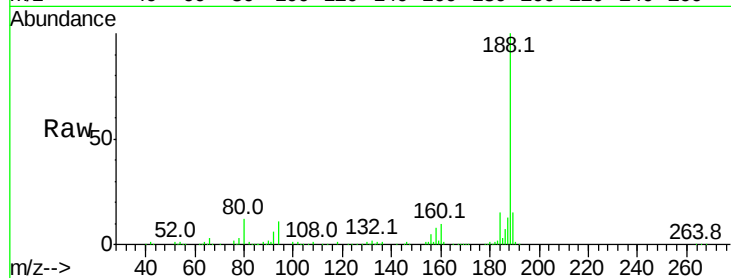




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

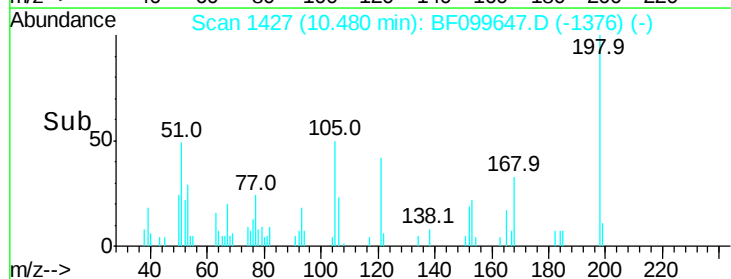
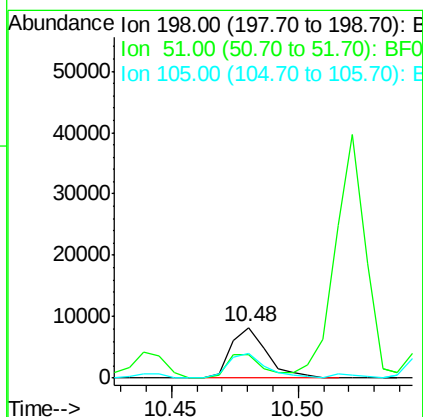
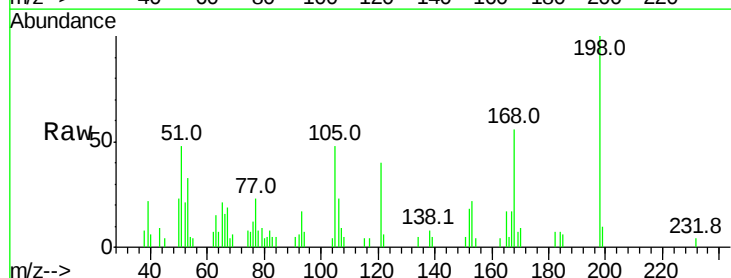
Instrument :
BNA_F
ClientSampled :

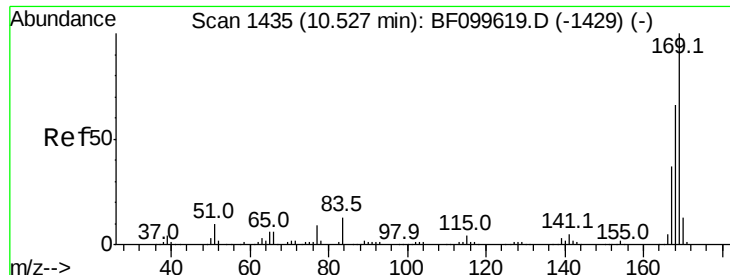
Tot Ion:188 Resp: 179727
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.298 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:198 Resp: 7980
Ion Ratio Lower Upper
198 100
51 47.6 37.7 77.7
105 48.5 36.3 76.3

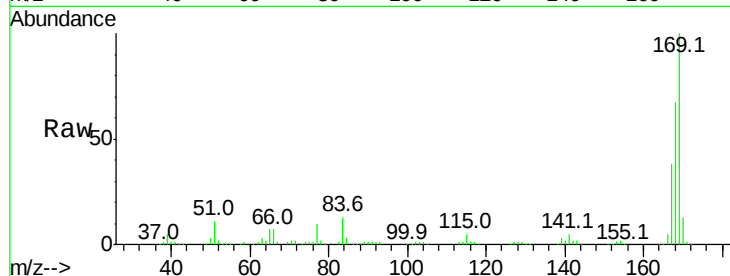




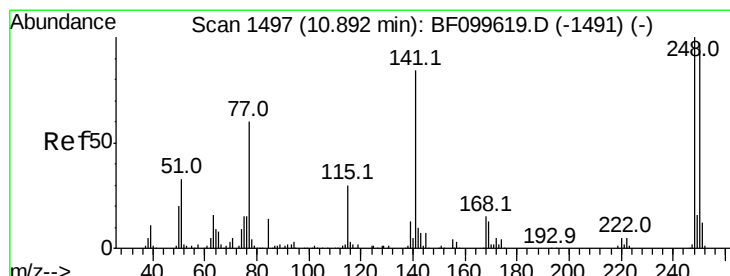
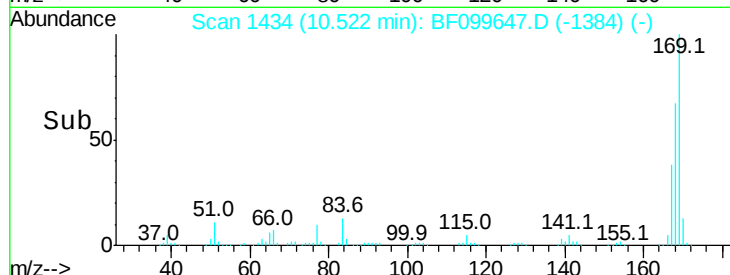
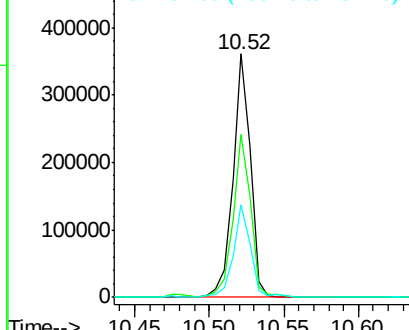
#65
 n-Nitrosodiphenylamine
 Concen: 47.922 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	38.0	29.8	44.6

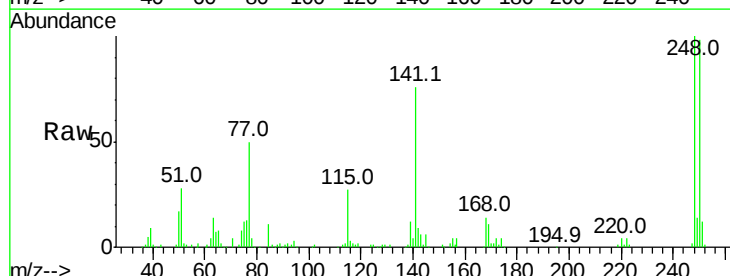


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

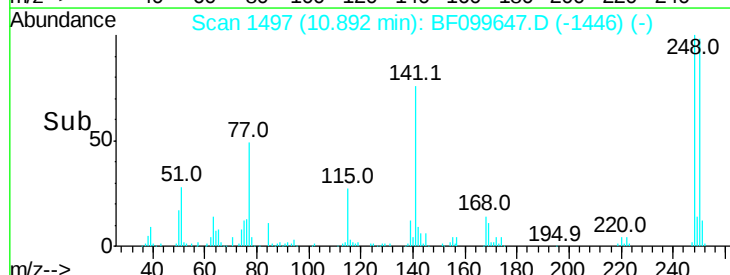
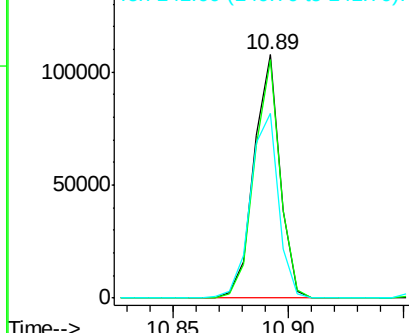


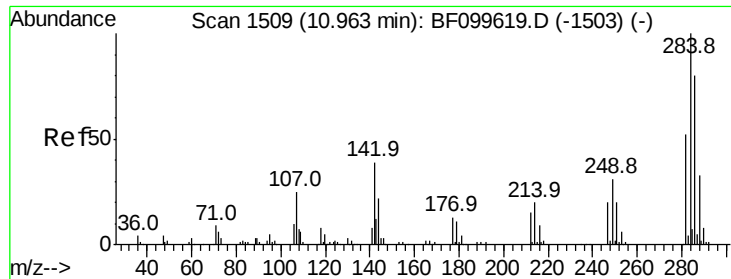
#66
 4-Bromophenyl-phenylether
 Concen: 48.301 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	75.7	74.4	111.6



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

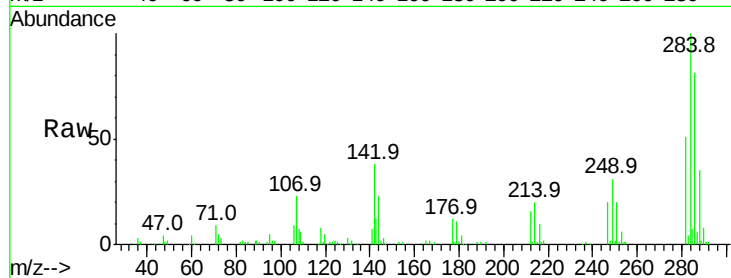




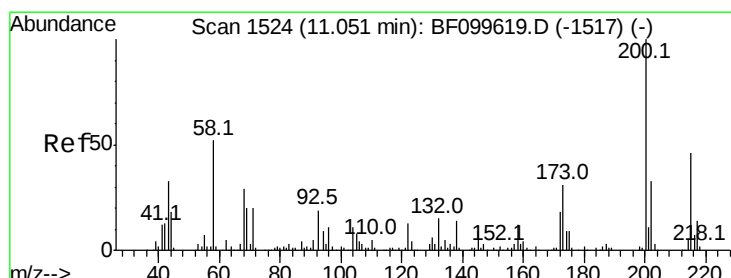
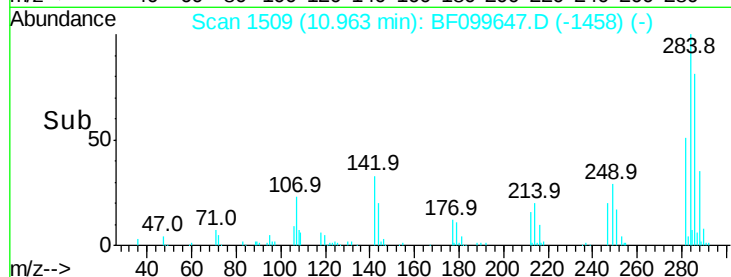
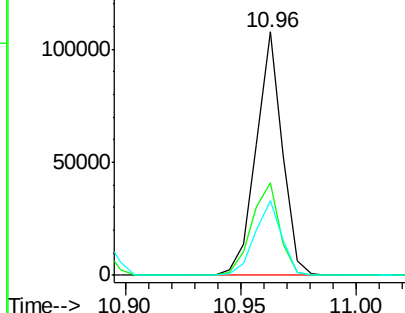
#67
Hexachlorobenzene
Concen: 45.589 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.2	34.6	52.0
249	30.7	24.8	37.2

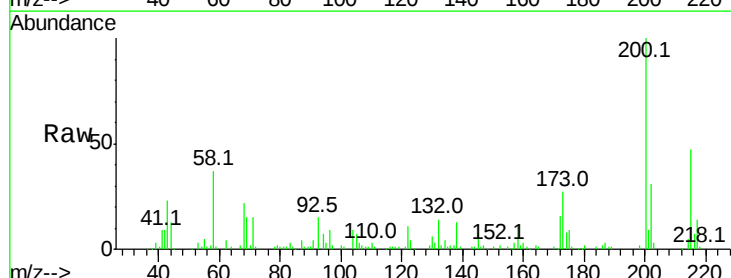


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

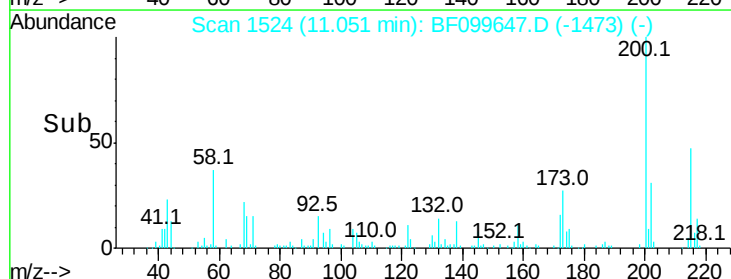
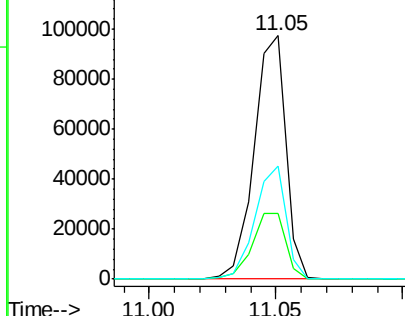


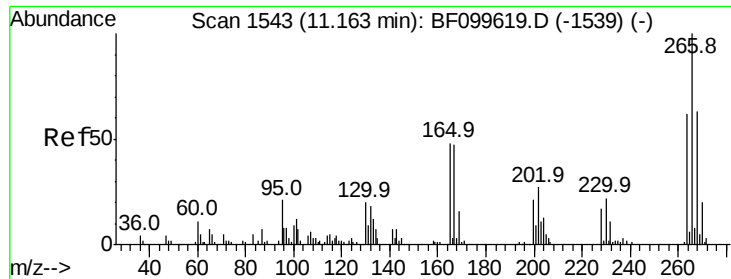
#68
Atrazine
Concen: 45.587 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	46.7	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

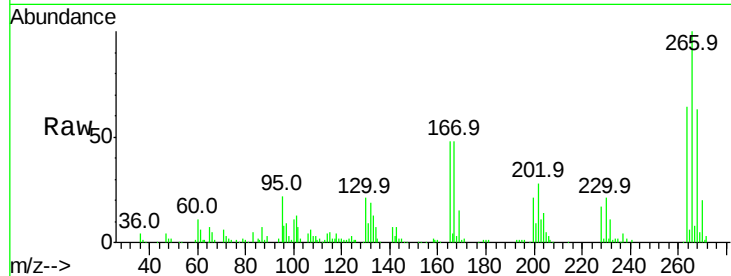




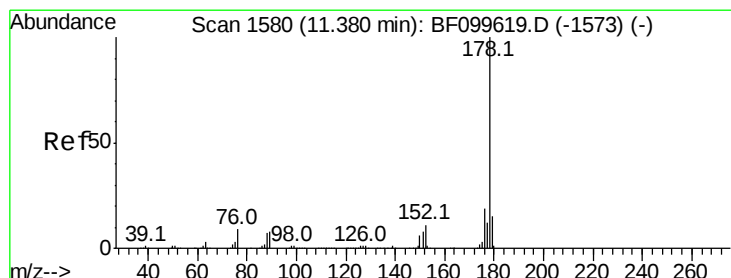
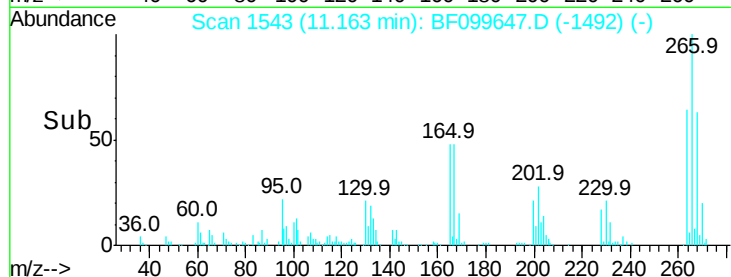
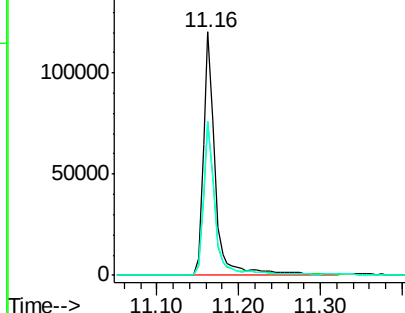
#69
 Pentachlorophenol
 Concen: 106.130 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 124106
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 63.5 49.5 74.3

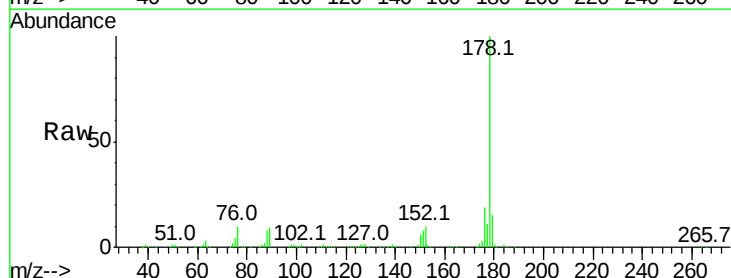


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

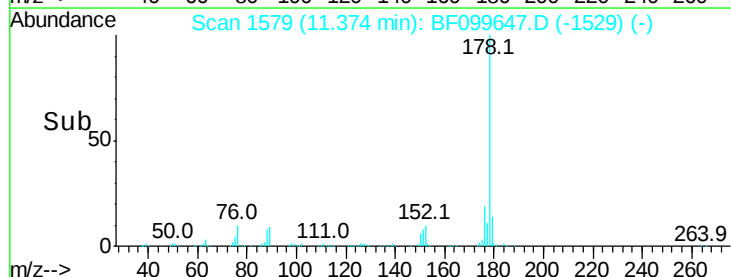
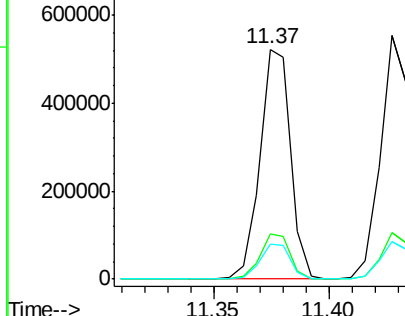


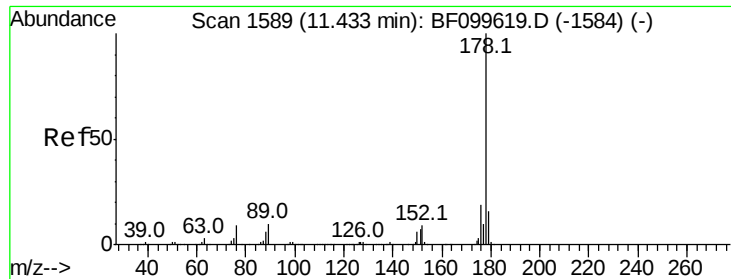
#70
 Phenanthrene
 Concen: 50.297 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion:178 Resp: 483874
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.3 13.0 19.6



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

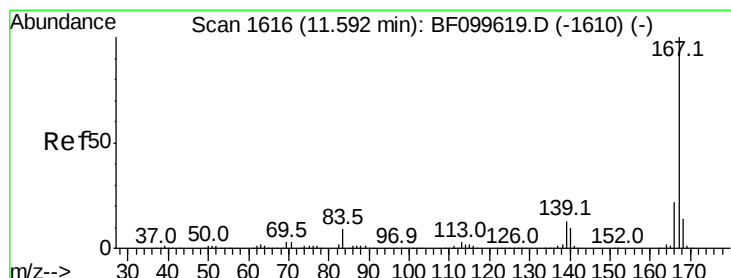
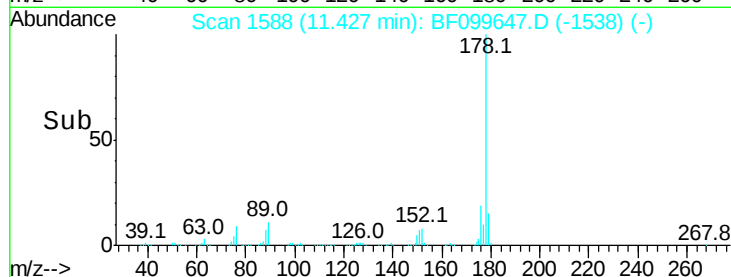
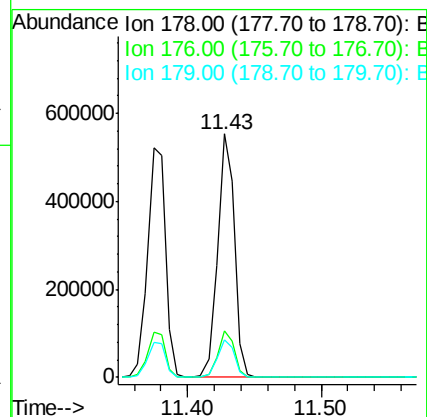
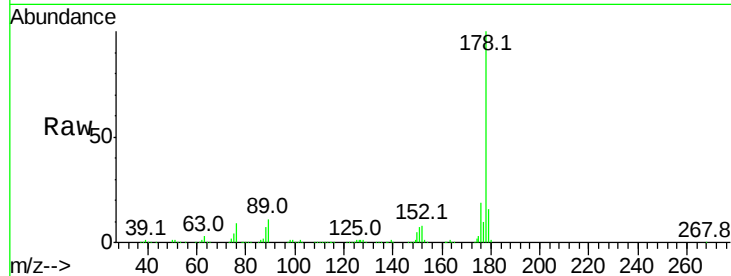




#71
 Anthracene
 Concen: 49.905 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

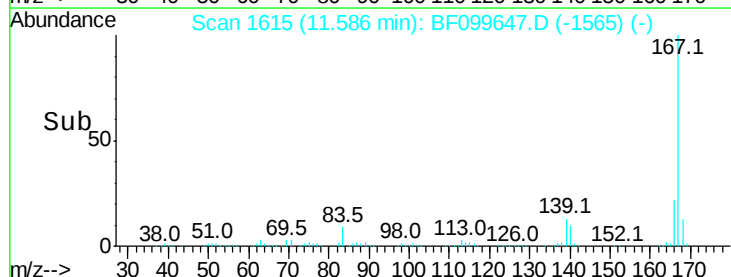
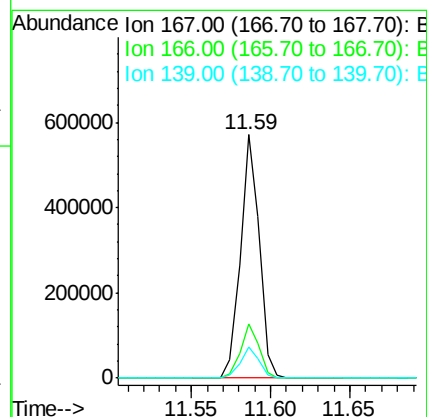
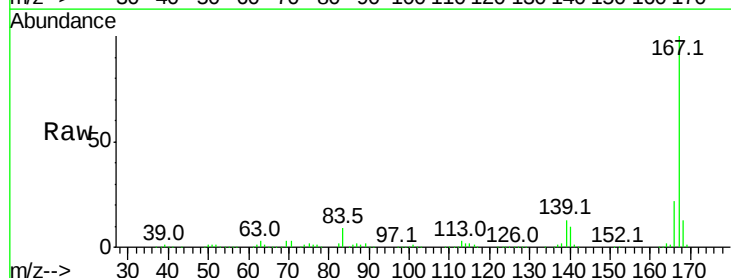
Instrument :
 BNA_F
 ClientSampleId :

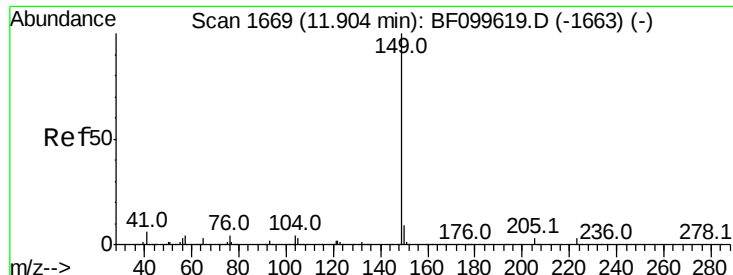
Tot Ion:178 Resp: 491233
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 48.637 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion:167 Resp: 468826
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.981 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

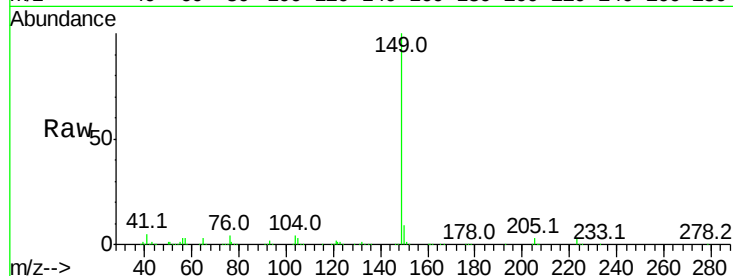
Tot Ion:149 Resp: 533494

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

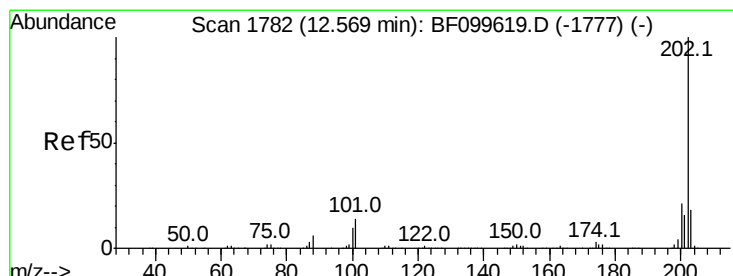
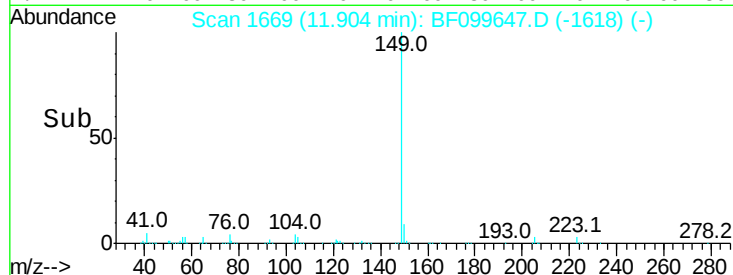
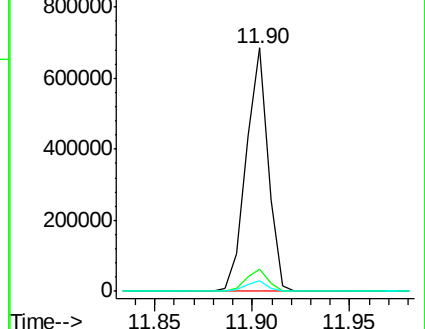
104 4.1 3.8 5.8



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: 55.167 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

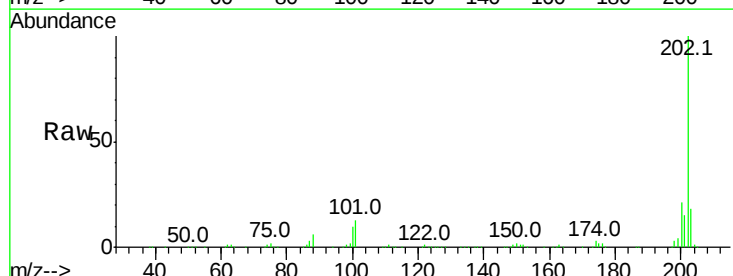
Tgt Ion:202 Resp: 537418

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

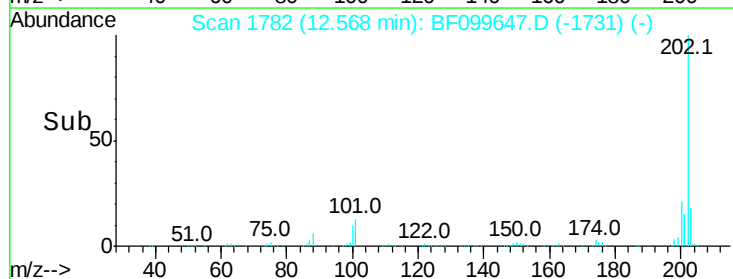
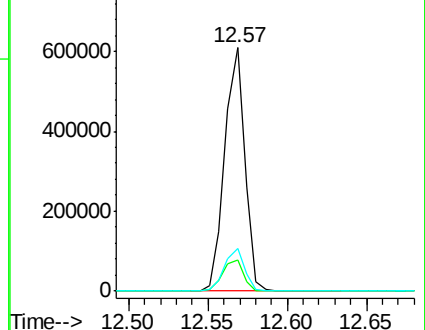
203 17.5 0.0 38.1

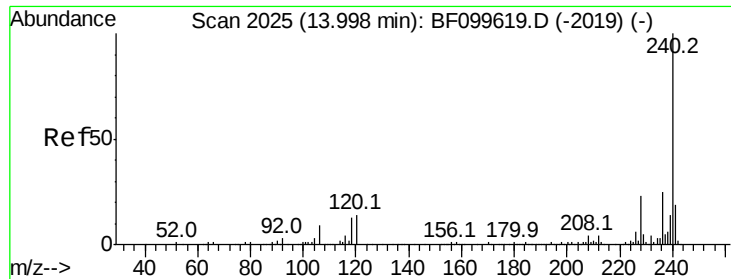


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

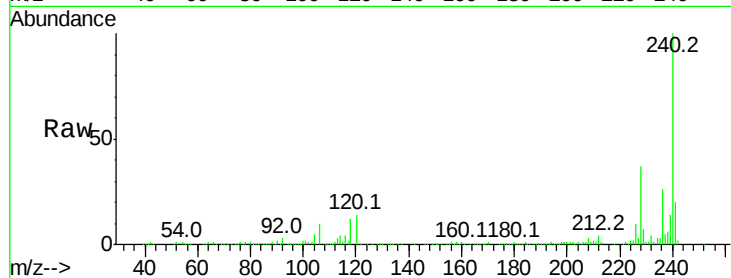




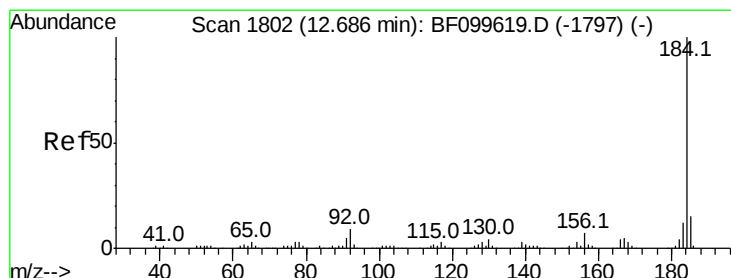
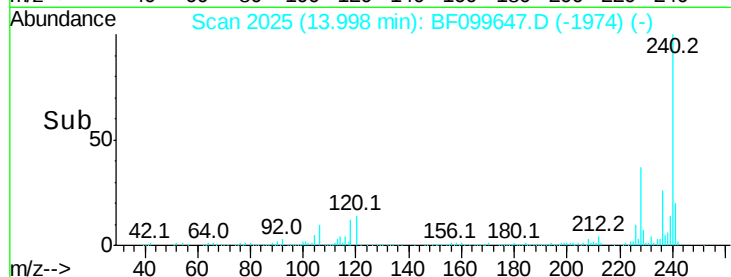
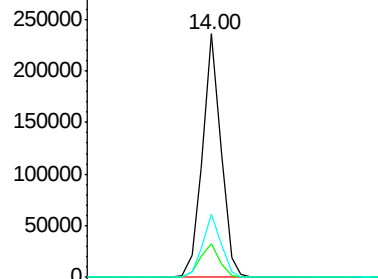
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 179512
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.8 20.7 31.1

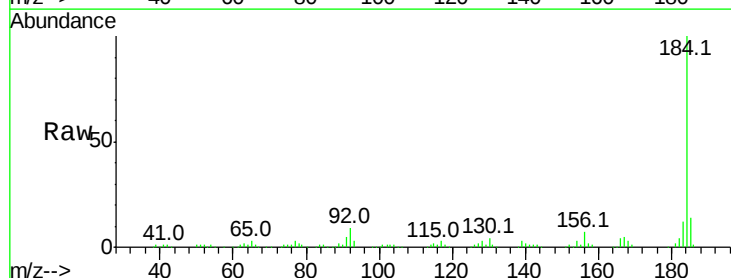


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

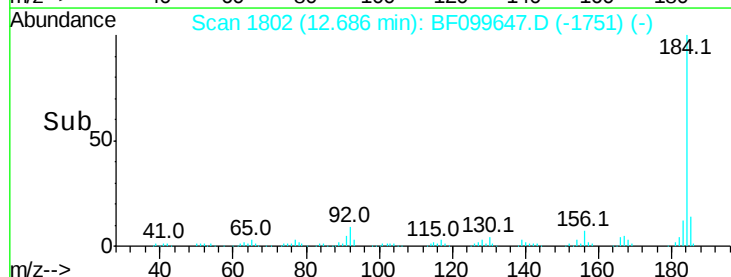
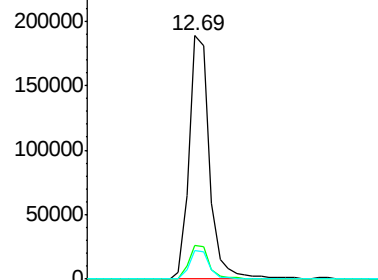


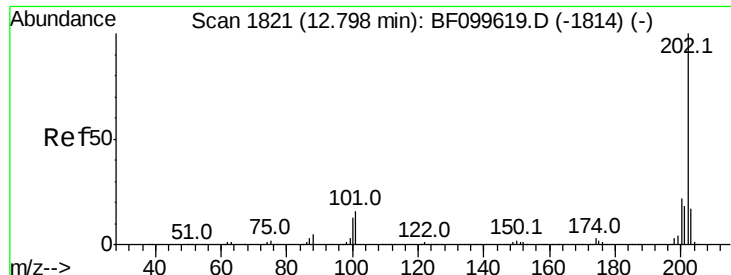
#76
Benzidine
Concen: 28.842 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:184 Resp: 191499
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

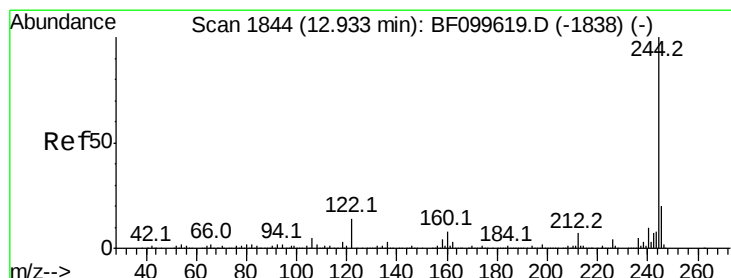
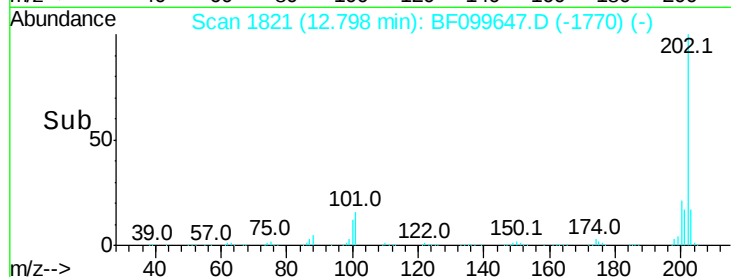
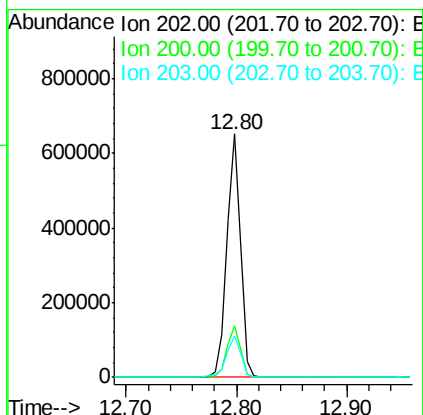
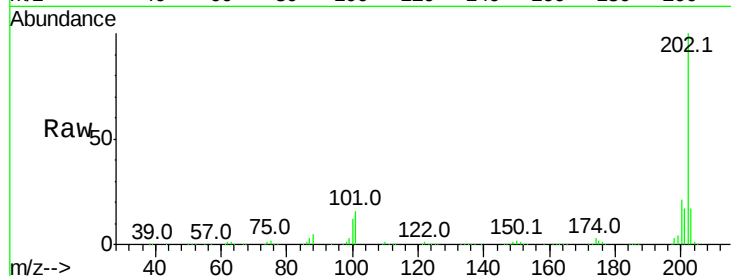




#77
Pvrene
Concen: 41.305 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

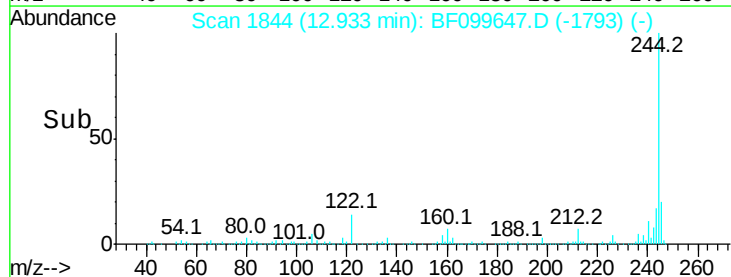
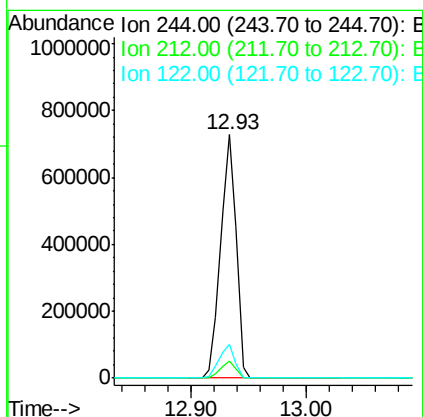
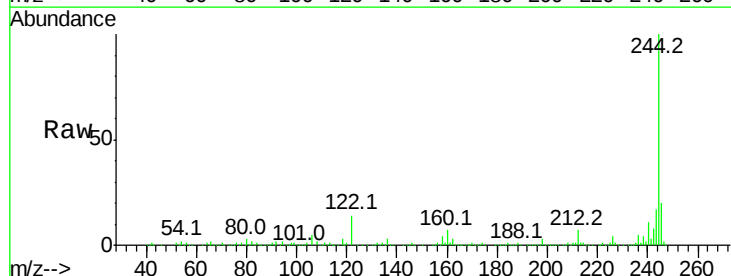
Instrument :
BNA_F
ClientSampled :

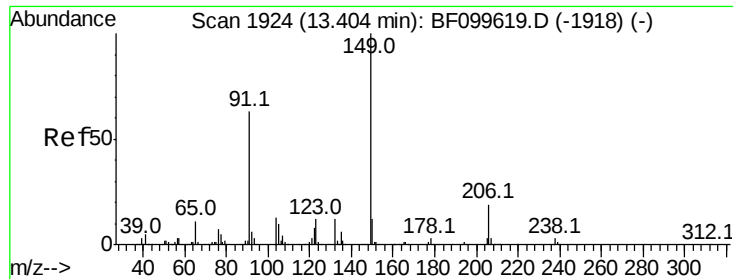
Tot Ion:202 Resp: 565397
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 86.262 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:244 Resp: 680904
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.9 11.0 16.4

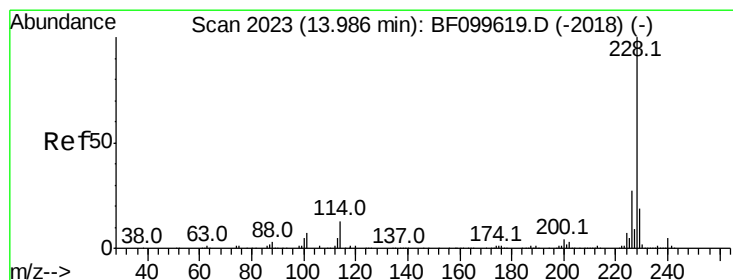
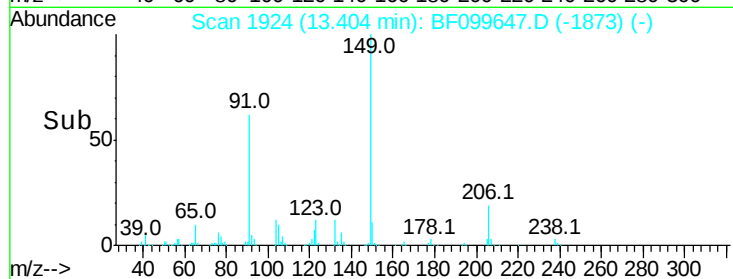
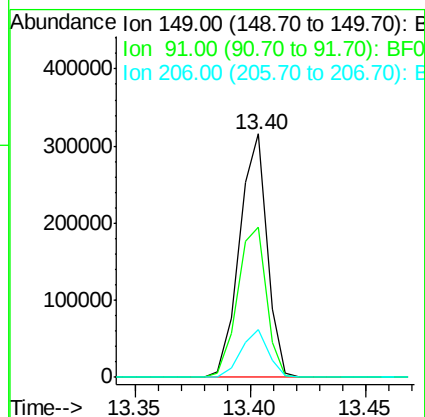
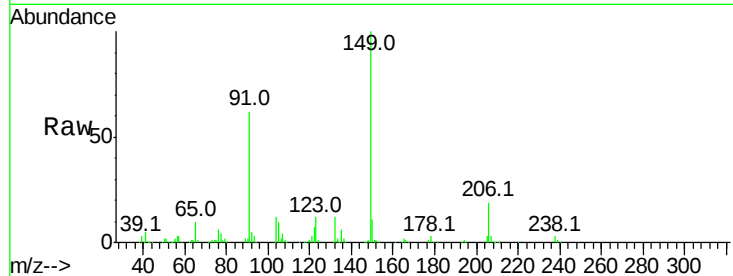




#79
Butylbenzylphthalate
Concen: 41.013 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

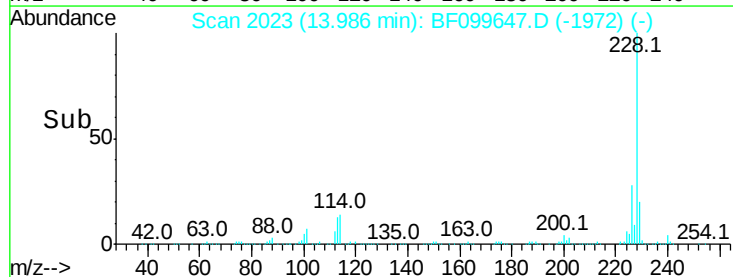
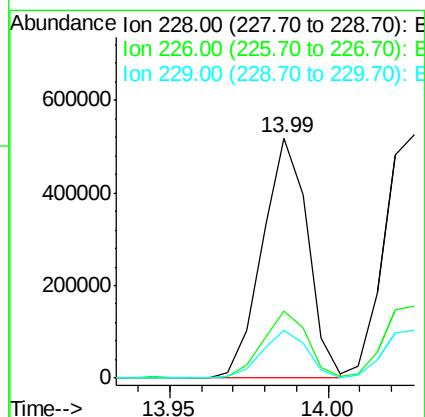
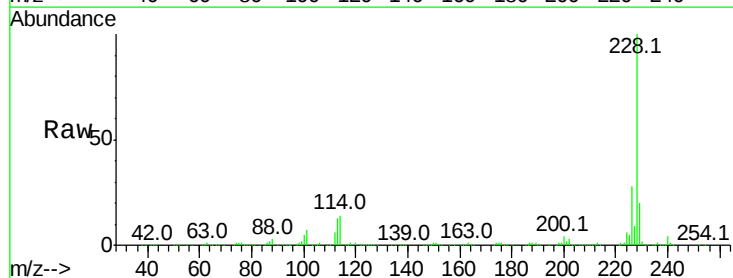
Instrument :
BNA_F
ClientSampleId :

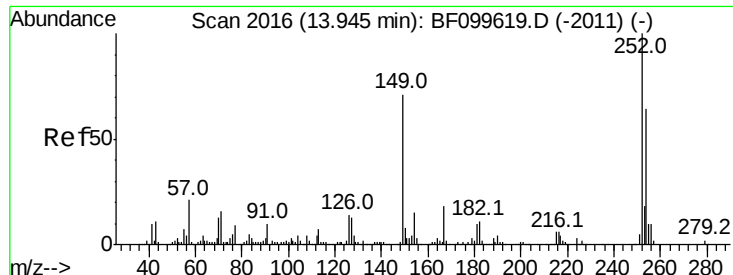
Tot Ion:149 Resp: 263850
Ion Ratio Lower Upper
149 100
91 61.7 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 47.348 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099647.D
Acq: 19 Oct 2017 5:59

Tgt Ion:228 Resp: 514673
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.8 15.8 23.6

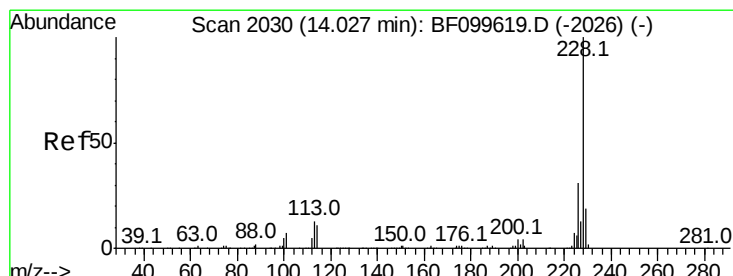
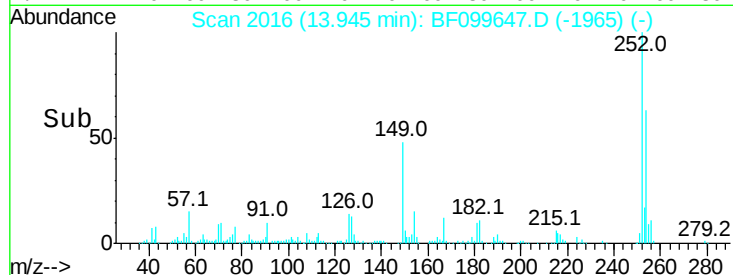
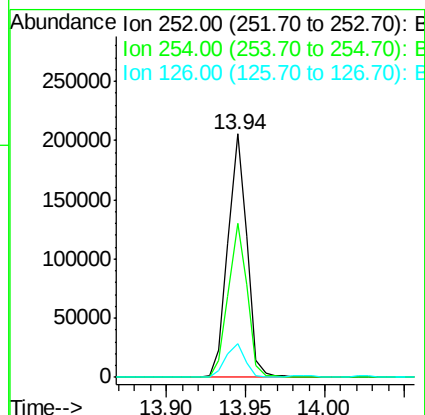
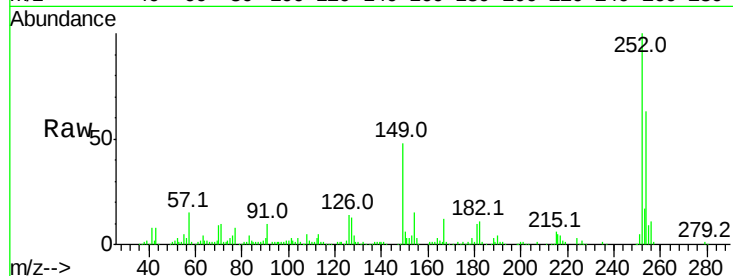




#81
 3,3'-Dichlorobenzidine
 Concen: 42.955 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

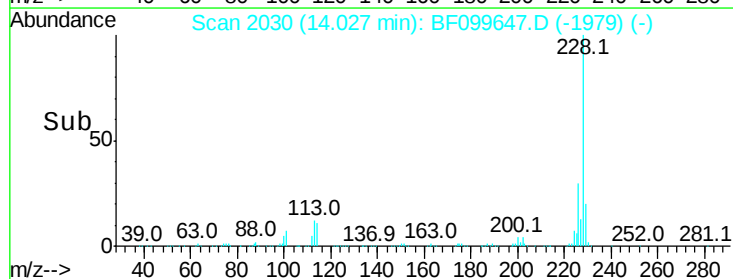
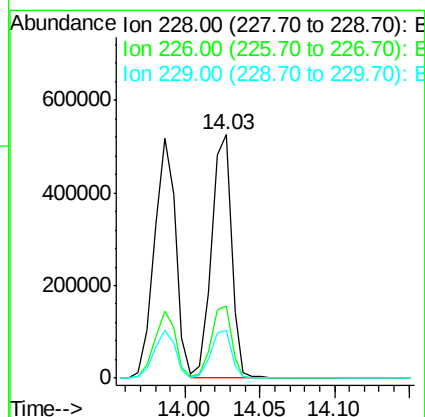
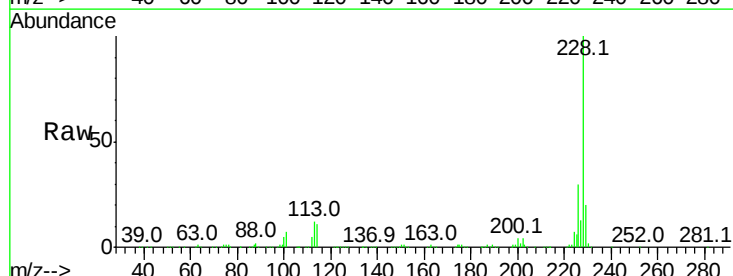
Instrument :
 BNA_F
 ClientSampled :

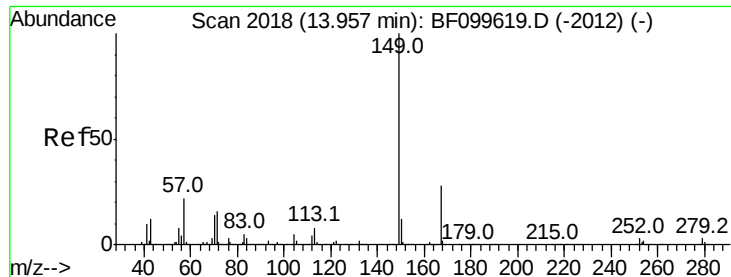
Tot Ion:252 Resp: 171165
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 13.8 11.3 16.9



#82
 Chrysene
 Concen: 47.185 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion:228 Resp: 488300
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.229 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

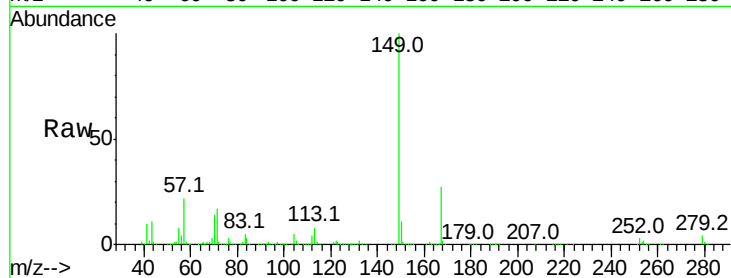
Tot Ion:149 Resp: 365216

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.5	3.0	4.4

149 100

167 27.0 21.3 31.9

279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.96

400000

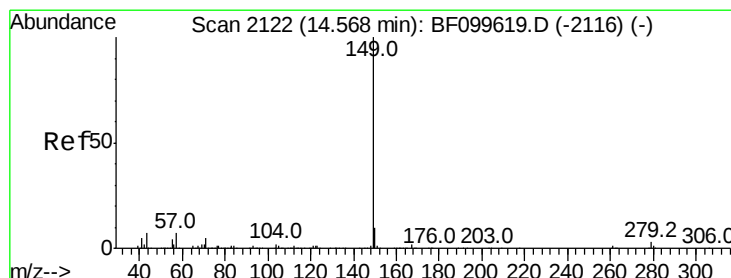
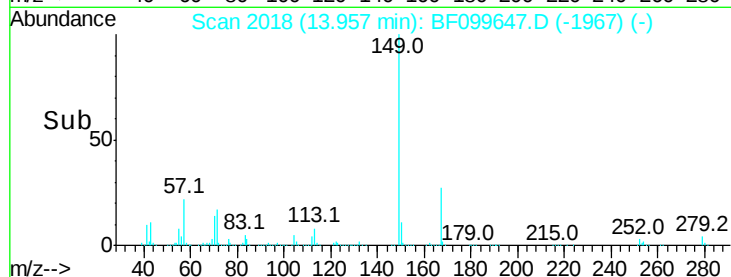
300000

200000

100000

0

Time--> 13.90 13.95 14.00



#84

Di-n-octyl phthalate

Concen: 48.308 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

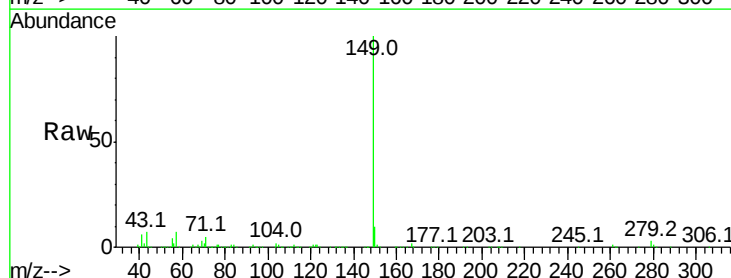
Tgt Ion:149 Resp: 689047

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	8.4	12.6#

149 100

167 1.6 1.2 1.8

43 7.8 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.57

1000000

800000

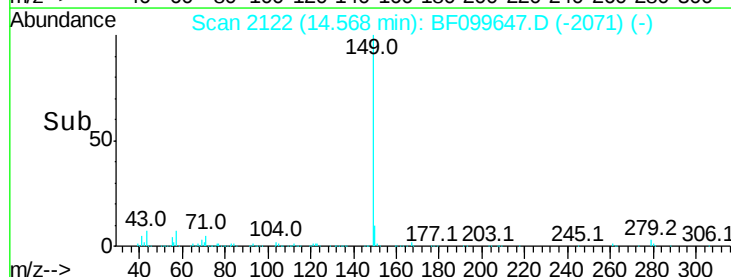
600000

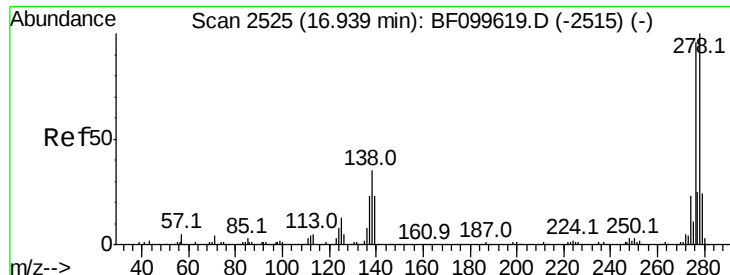
400000

200000

0

Time--> 14.50 14.55 14.60

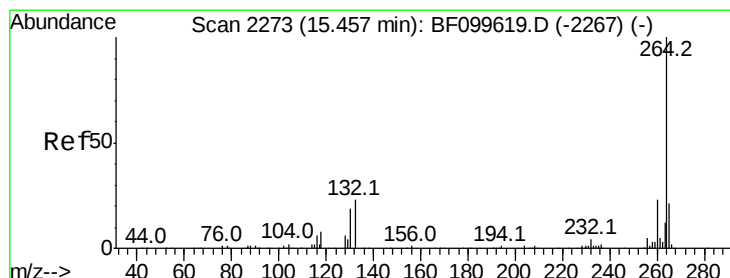
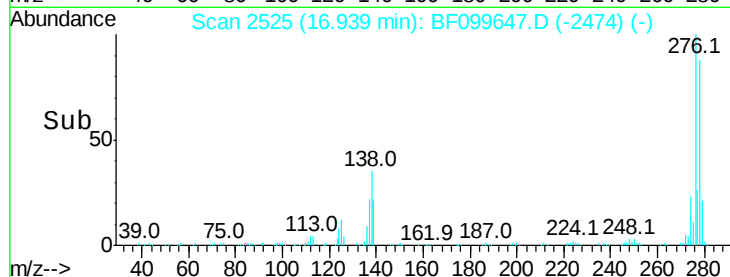
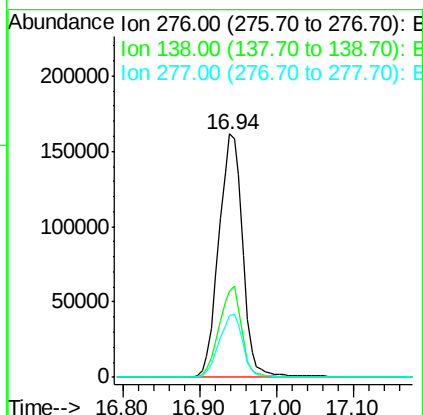
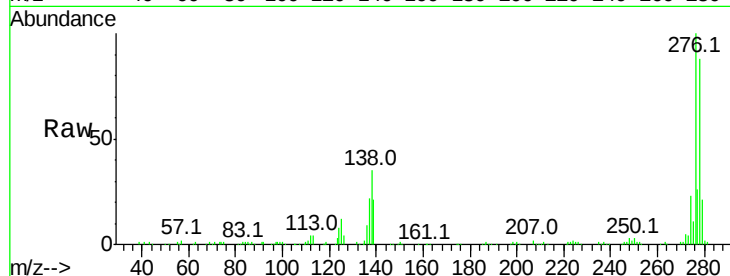




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.069 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

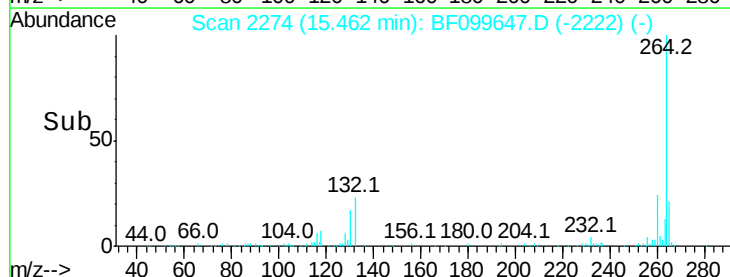
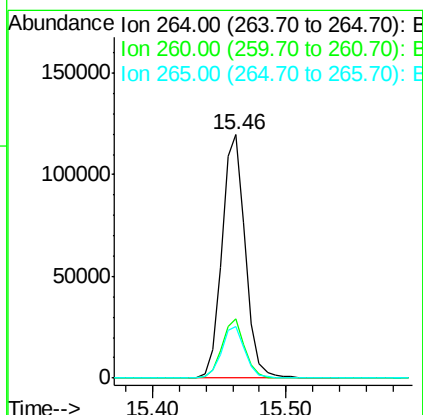
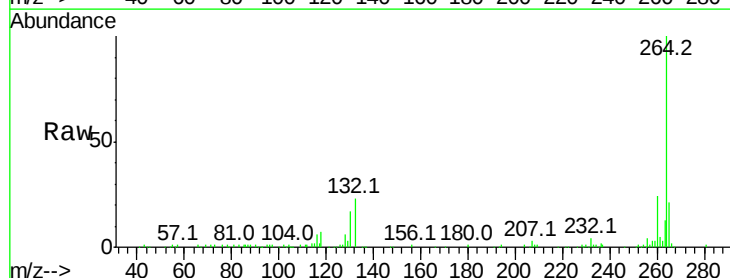
Instrument :
 BNA_F
 ClientSampleId :

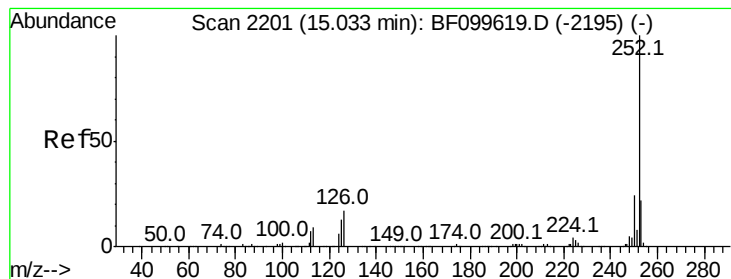
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099647.D
 Acq: 19 Oct 2017 5:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 50.616 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

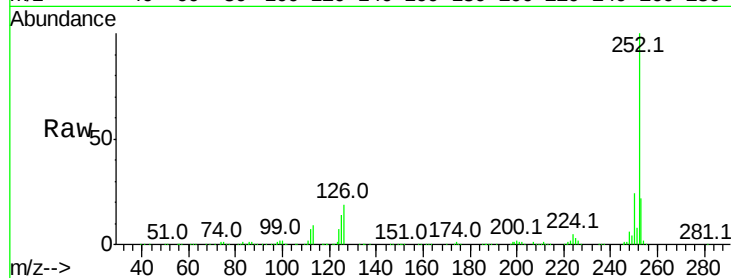
Tot Ion:252 Resp: 458187

Ion Ratio Lower Upper

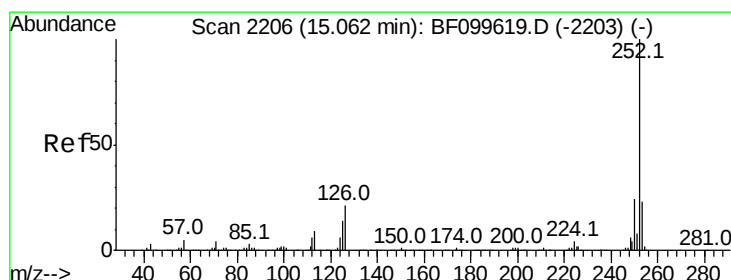
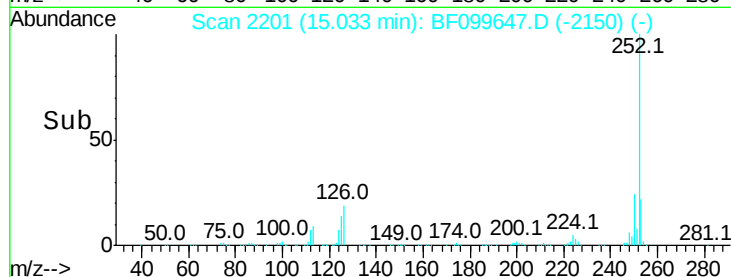
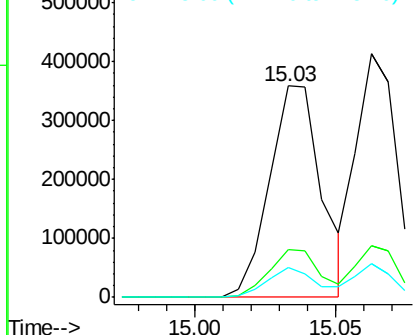
252 100

253 22.3 17.0 25.6

125 14.2 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 46.609 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

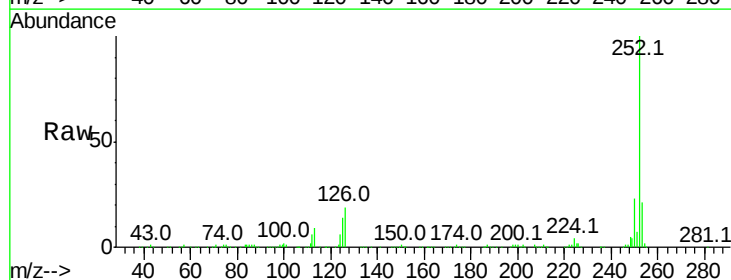
Tgt Ion:252 Resp: 416731

Ion Ratio Lower Upper

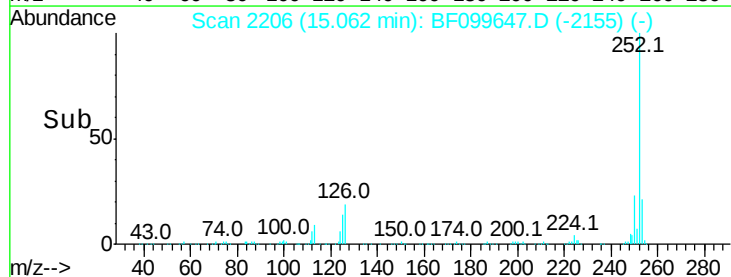
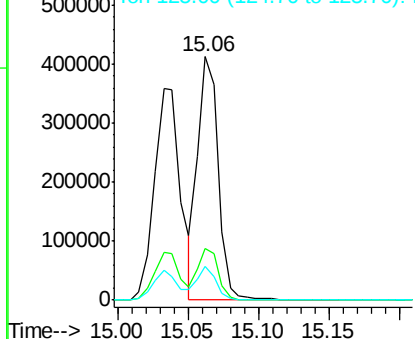
252 100

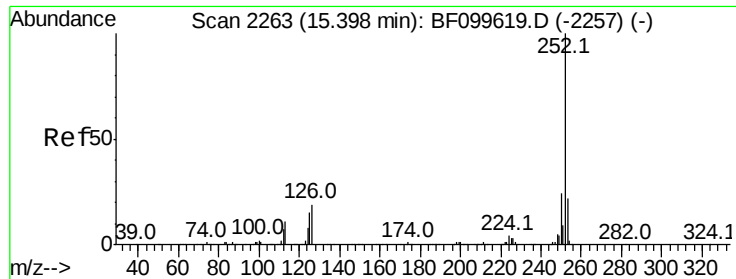
253 21.3 17.9 26.9

125 13.9 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 48.017 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

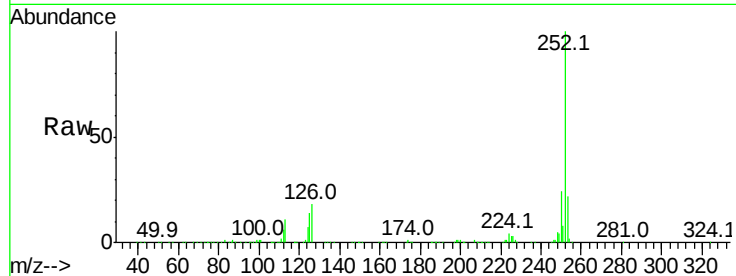
Tot Ion:252 Resp: 398992

Ion Ratio Lower Upper

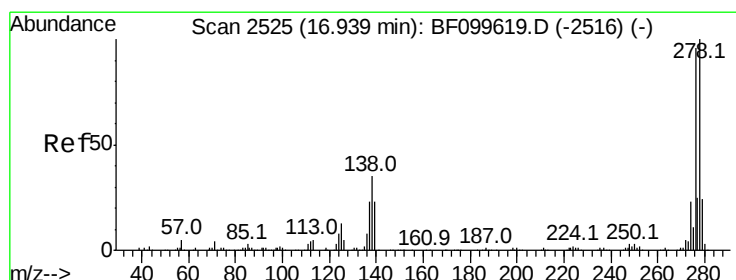
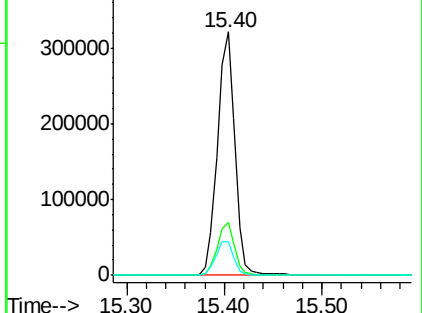
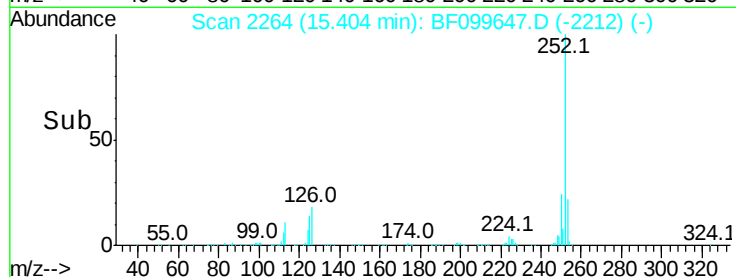
252 100

253 21.6 17.1 25.7

125 13.8 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 44.354 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

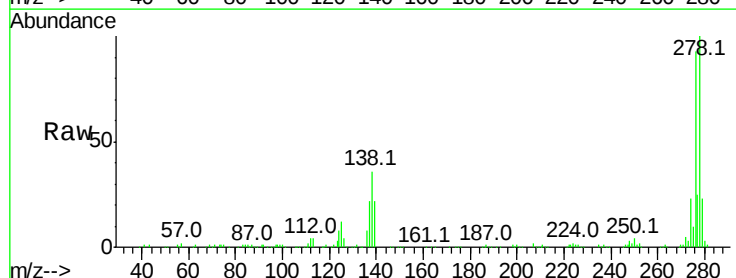
Tgt Ion:278 Resp: 294950

Ion Ratio Lower Upper

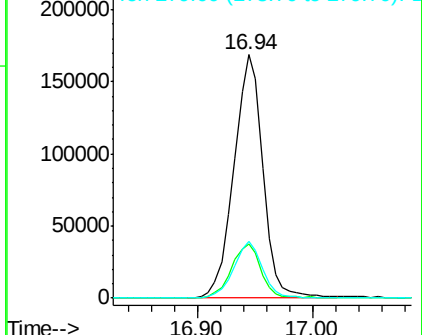
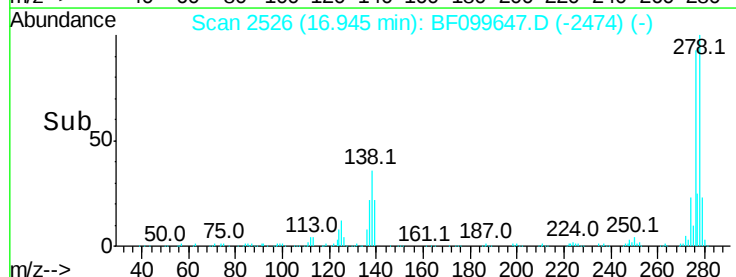
278 100

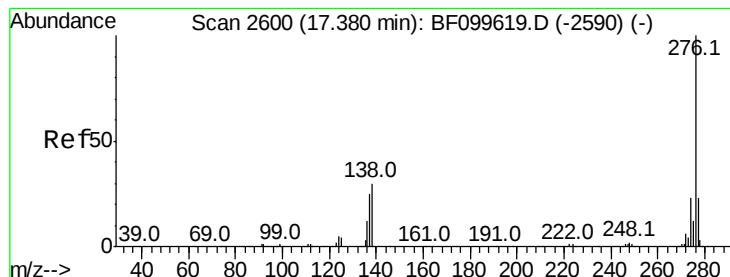
139 22.3 15.9 23.9

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(a,h,i)perylene

Concen: 43.573 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.01 min

Lab File: BF099647.D

Acq: 19 Oct 2017 5:59

Instrument :

BNA_F

ClientSampleId :

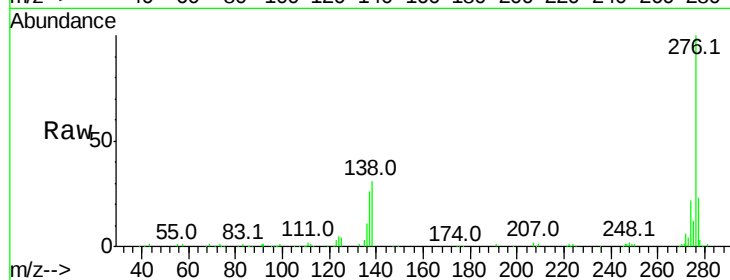
Tot Ion:276 Resp: 286417

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 30.8 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

