

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099759.D
 Acq On : 23 Oct 2017 14:58
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Quant Time: Oct 23 15:29:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95131	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	390456	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	182095	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	324072	20.00	ng	0.00
75) Chrysene-d12	13.99	240	252423	20.00	ng	0.00
86) Perylene-d12	15.45	264	242113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	487580	80.47	ng	0.00
7) Phenol-d6	6.45	99	566155	78.80	ng	0.00
23) Nitrobenzene-d5	7.38	82	475959	78.48	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	129420	77.99	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	940630	79.70	ng	0.00
78) Terphenyl-d14	12.92	244	871543	75.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	109055	40.756	ng	# 88
3) Pyridine	3.30	79	269280	41.848	ng	87
4) n-Nitrosodimethylamine	3.26	42	98085	42.667	ng	# 72
6) Aniline	6.47	93	368478	39.554	ng	98
8) 2-Chlorophenol	6.59	128	259045	40.112	ng	93
9) Benzaldehyde	6.36	77	171386	39.919	ng	91
10) Phenol	6.46	94	317728	40.277	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	245043	40.226	ng	96
12) 1,3-Dichlorobenzene	6.75	146	287261	39.615	ng	96
13) 1,4-Dichlorobenzene	6.82	146	292663	39.767	ng	97
14) 1,2-Dichlorobenzene	6.97	146	269087	40.119	ng	98
15) Benzyl Alcohol	6.96	79	182151	39.865	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	266629	39.402	ng	# 35
17) 2-Methylphenol	7.07	107	216714	40.117	ng	99
18) Hexachloroethane	7.31	117	98431	40.089	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	164698	39.116	ng	92
20) 3+4-Methylphenols	7.22	107	244490	38.870	ng	# 67
22) Acetophenone	7.22	105	339765	38.217	ng	# 98
24) Nitrobenzene	7.40	77	242309	39.652	ng	90
25) Isophorone	7.63	82	428655	38.951	ng	97
26) 2-Nitrophenol	7.71	139	142217	40.633	ng	87
27) 2,4-Dimethylphenol	7.75	122	205742	39.896	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	300521	38.992	ng	99
29) 2,4-Dichlorophenol	7.96	162	214060	39.958	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	226544	39.578	ng	98
31) Naphthalene	8.11	128	741254	39.329	ng	99
32) Benzoic acid	7.90	122	192261	42.356	ng	96
33) 4-Chloroaniline	8.17	127	299656	38.502	ng	# 94
34) Hexachlorobutadiene	8.22	225	117864	40.033	ng	98
35) Caprolactam	8.56	113	67172	39.872	ng	# 70
36) 4-Chloro-3-methylphenol	8.66	107	212799	38.918	ng	91
37) 2-Methylnaphthalene	8.80	142	491652	38.925	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	232443	39.523	ng	98
40) Hexachlorocyclopentadiene	8.95	237	35852	39.975	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

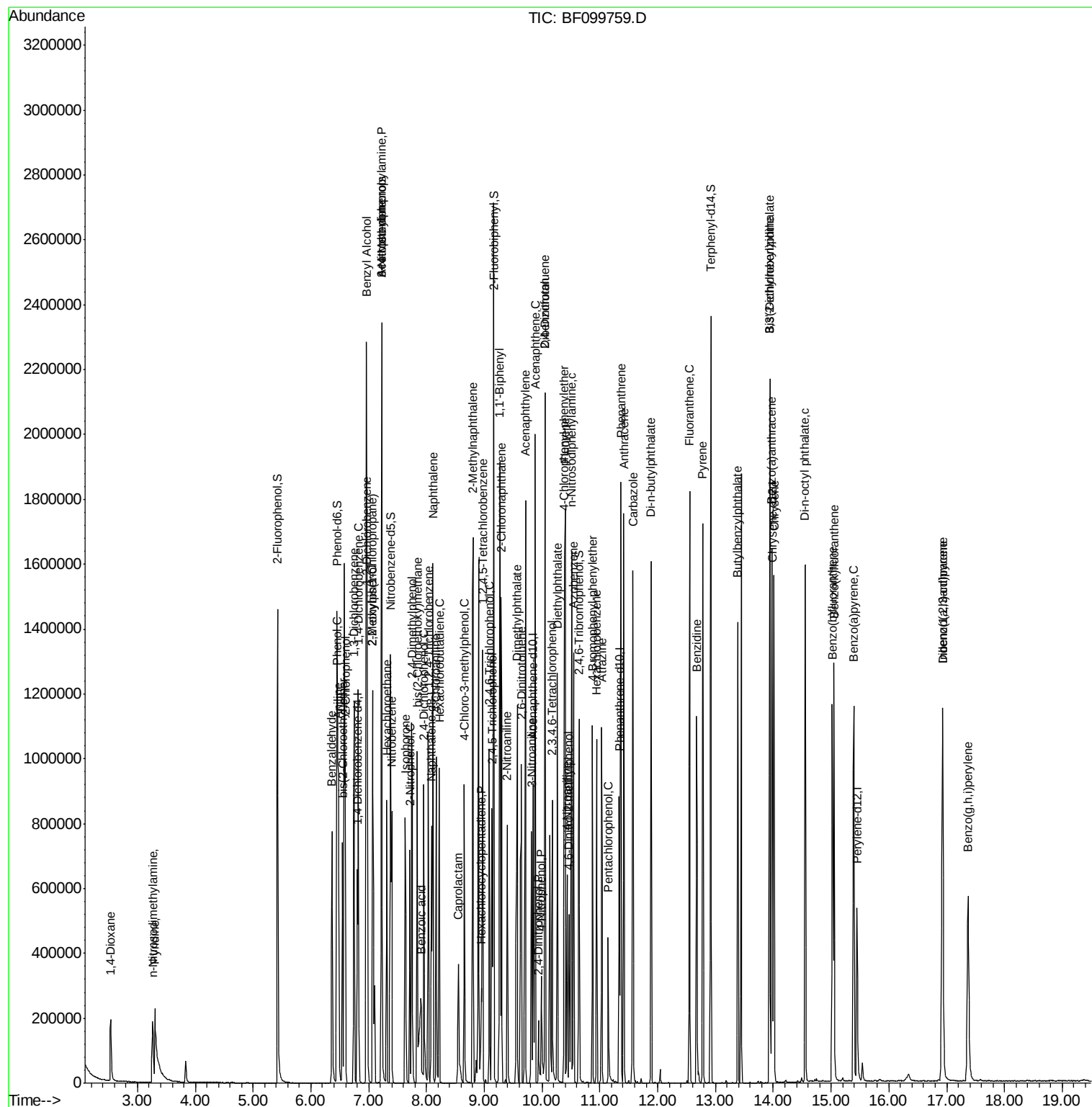
42) 2,4,6-Trichlorophenol	9.09	196	139384	39.181	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	149900	39.708	nq	# 92
45) 1,1'-Biphenyl	9.27	154	640627	38.889	nq	98
46) 2-Chloronaphthalene	9.29	162	462351	38.647	nq	97
47) 2-Nitroaniline	9.40	65	124748	39.730	nq	90
48) Acenaphthylene	9.71	152	713548	38.725	nq	99
49) Dimethylphthalate	9.57	163	552598	38.321	nq	100
50) 2,6-Dinitrotoluene	9.64	165	117644	38.807	nq	89
51) Acenaphthene	9.88	154	432037	38.374	nq	99
52) 3-Nitroaniline	9.82	138	140575	39.355	nq	87
53) 2,4-Dinitrophenol	9.93	184	38852	35.884	nq	# 88
54) Dibenzofuran	10.05	168	604439	38.033	nq	100
55) 4-Nitrophenol	9.99	139	72711	38.958	nq	85
56) 2,4-Dinitrotoluene	10.05	165	142482	39.027	nq	# 94
57) Fluorene	10.40	166	497796	37.831	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	104364	39.429	nq	94
59) Diethylphthalate	10.27	149	541498	38.453	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	238829	38.566	nq	97
61) 4-Nitroaniline	10.43	138	130277	38.228	nq	84
62) Azobenzene	10.55	77	453055	38.379	nq	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	83751	41.112	nq	80
65) n-Nitrosodiphenylamine	10.51	169	470733	39.349	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	135824	39.811	nq	91
67) Hexachlorobenzene	10.94	284	135907	38.938	nq	95
68) Atrazine	11.03	200	136853	38.084	nq	98
69) Pentachlorophenol	11.14	266	55412	37.154	nq	97
70) Phenanthrene	11.36	178	703415	38.461	nq	98
71) Anthracene	11.42	178	723703	38.984	nq	98
72) Carbazole	11.57	167	674651	38.645	nq	99
73) Di-n-butylphthalate	11.89	149	864859	38.841	nq	99
74) Fluoranthene	12.55	202	734845	38.663	nq	99
76) Benzidine	12.67	184	419734	38.001	nq	96
77) Pyrene	12.78	202	749456	39.046	nq	100
79) Butylbenzylphthalate	13.39	149	371495	39.304	nq	94
80) Benzo(a)anthracene	13.97	228	629684	39.351	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	230459	39.675	nq	96
82) Chrysene	14.02	228	591628	39.327	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	509240	38.366	nq	99
84) Di-n-octyl phthalate	14.56	149	896488	39.351	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	555332	40.211	nq	97
87) Benzo(b)fluoranthene	15.03	252	604051	39.511	nq	98
88) Benzo(k)fluoranthene	15.06	252	554950	38.494	nq	97
89) Benzo(a)pyrene	15.39	252	543748	39.594	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	468601	38.401	nq	98
91) Benzo(g,h,i)perylene	17.37	276	458083	38.370	nq	97

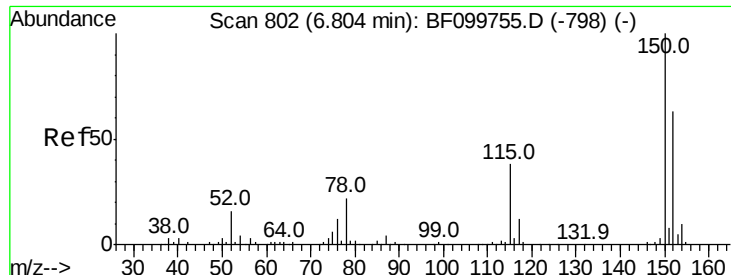
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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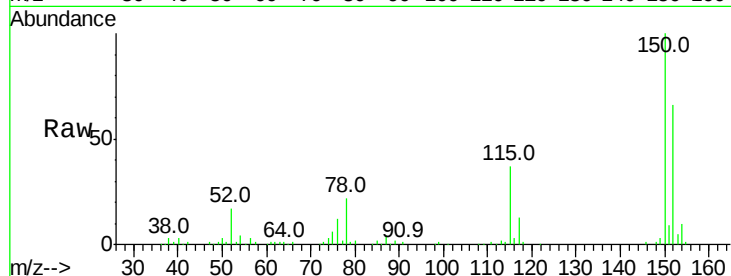


#1

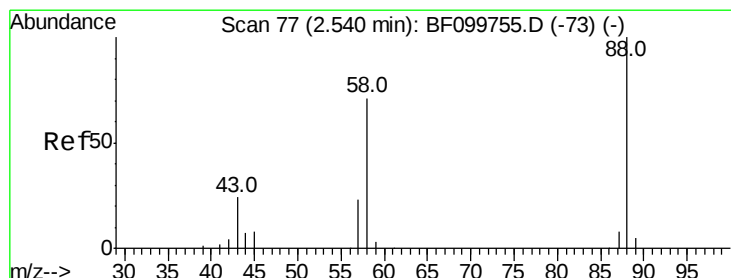
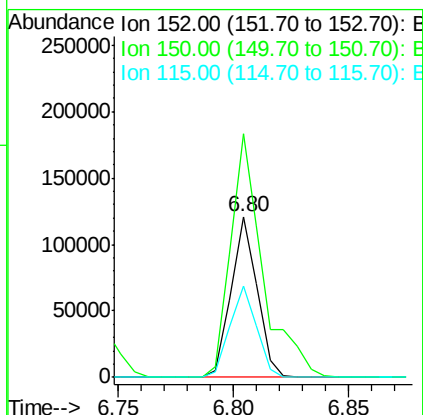
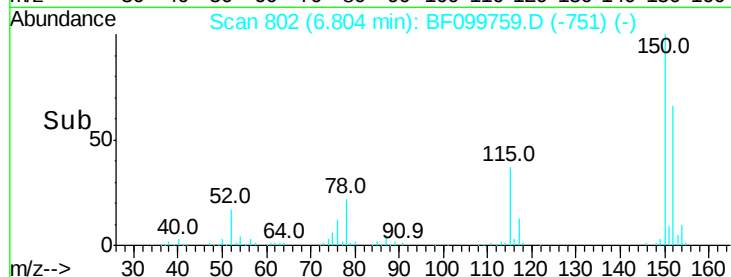
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:152 Resp: 95131
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 56.8 50.1 75.1



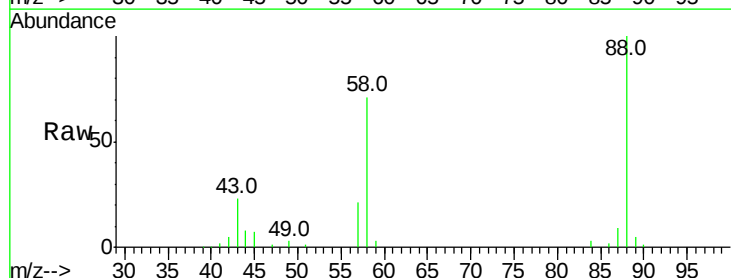
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



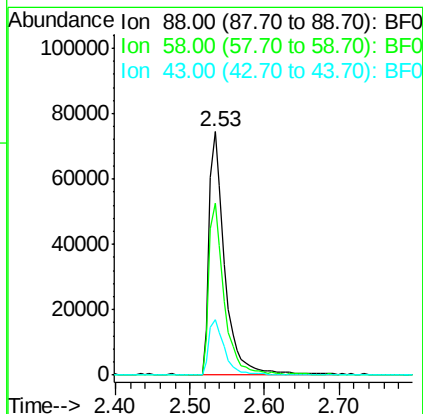
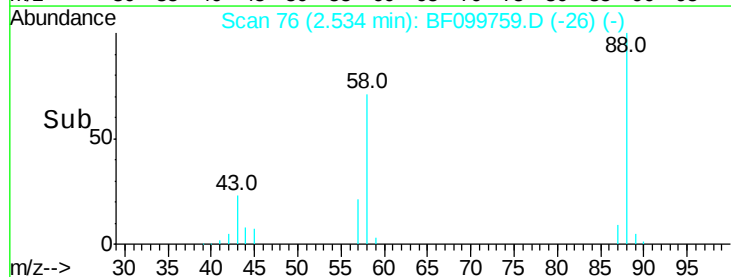
#2

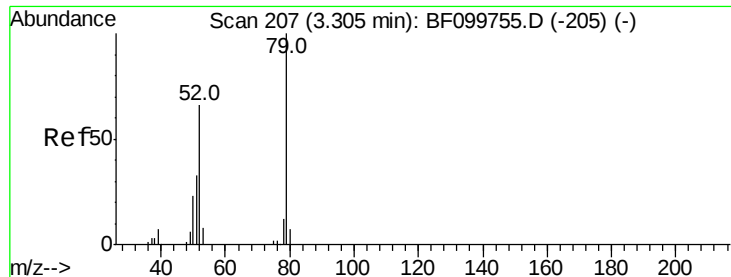
1,4-Dioxane
Concen: 40.756 ng
RT: 2.53 min Scan# 76
Delta R.T. -0.01 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion: 88 Resp: 109055
Ion Ratio Lower Upper
88 100
58 68.4 62.6 93.8
43 22.6 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

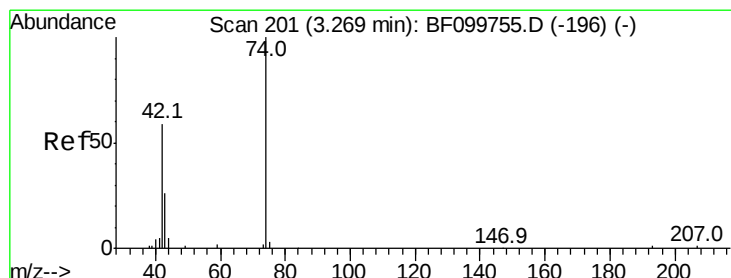
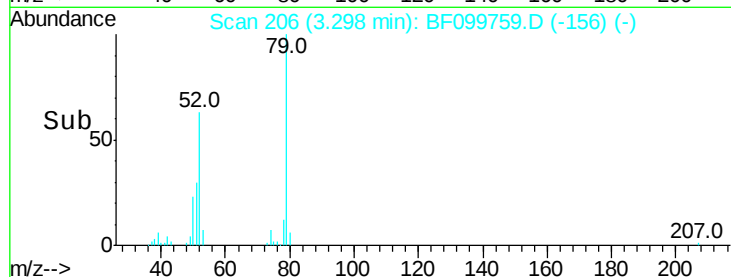
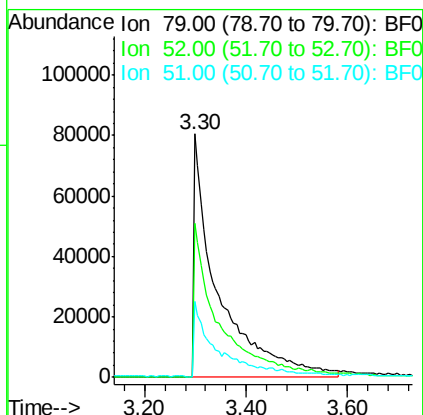
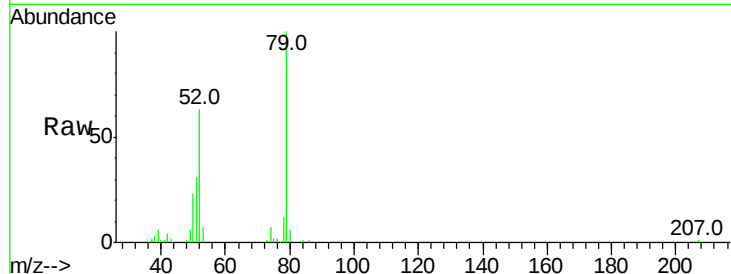




#3
 Pvridine
 Concen: 41.848 ng
 RT: 3.30 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

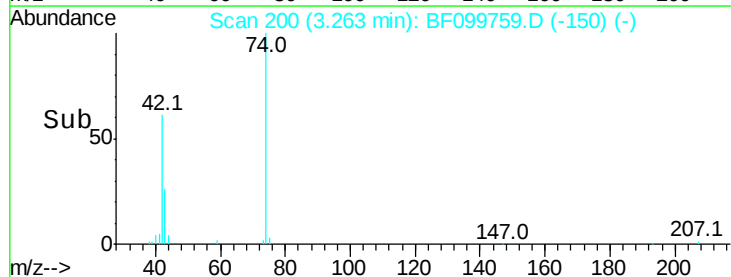
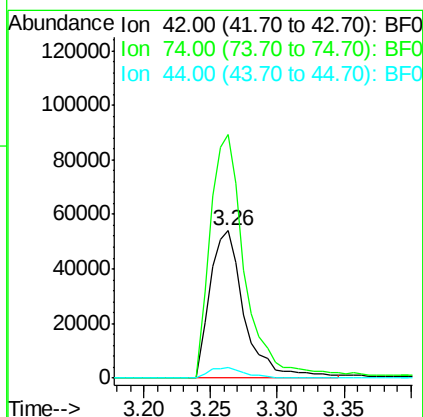
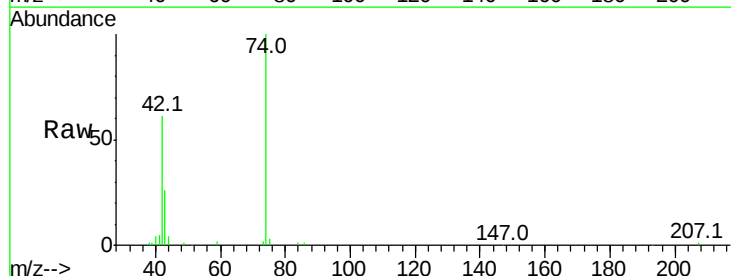
Instrument :
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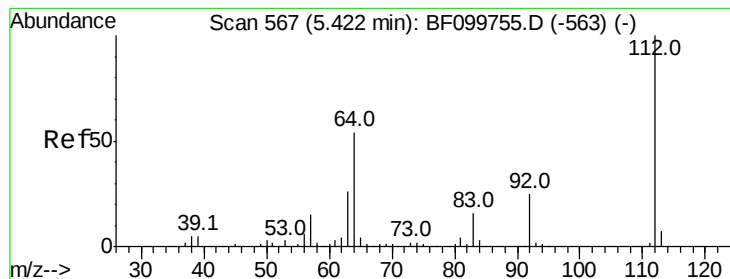
Tot Ion: 79 Resp: 269280
 Ion Ratio Lower Upper
 79 100
 52 63.1 59.8 89.6
 51 31.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.667 ng
 RT: 3.26 min Scan# 200
 Delta R.T. -0.01 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion: 42 Resp: 98085
 Ion Ratio Lower Upper
 42 100
 74 165.1 104.9 157.3#
 44 6.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 80.466 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

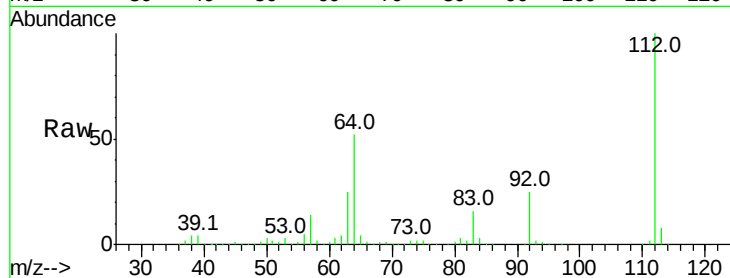
Tot Ion:112 Resp: 487580

Ion Ratio Lower Upper

112 100

64 52.5 47.9 71.9

63 25.3 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

5.42

400000

300000

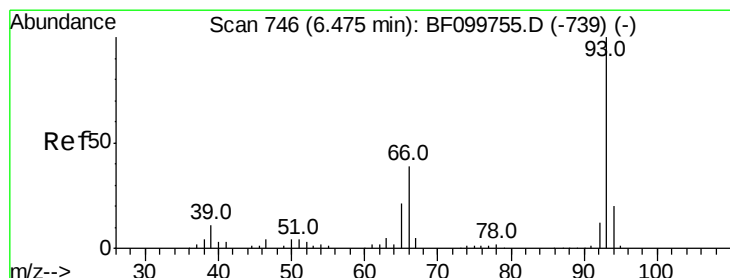
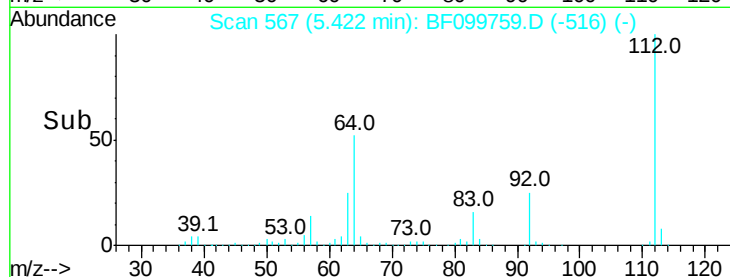
200000

100000

0

5.40 5.50 5.60

Time-->



#6

Aniline

Concen: 39.554 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

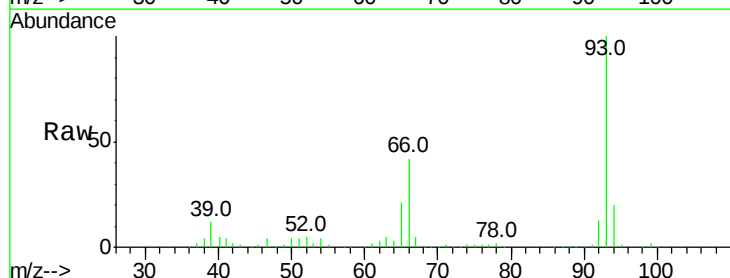
Tgt Ion: 93 Resp: 368478

Ion Ratio Lower Upper

93 100

66 41.7 32.2 48.2

65 21.3 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

6.47

400000

300000

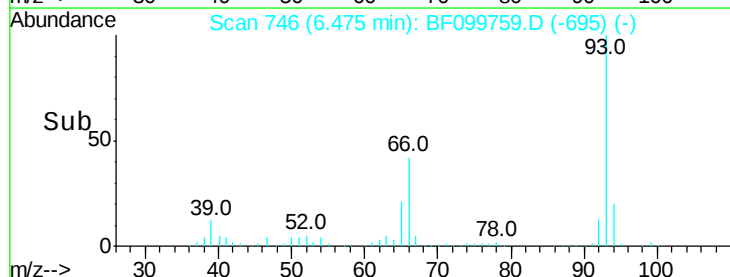
200000

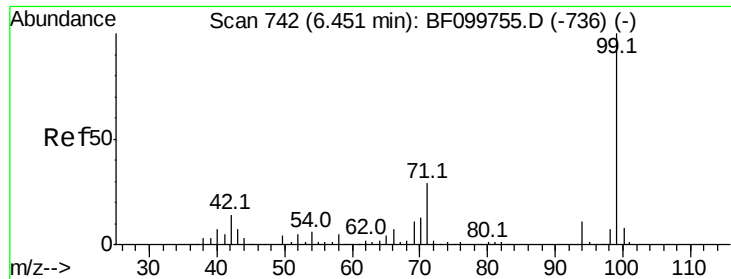
100000

0

6.40 6.45 6.50 6.55

Time-->





#7

Phenol-d6

Concen: 78.799 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

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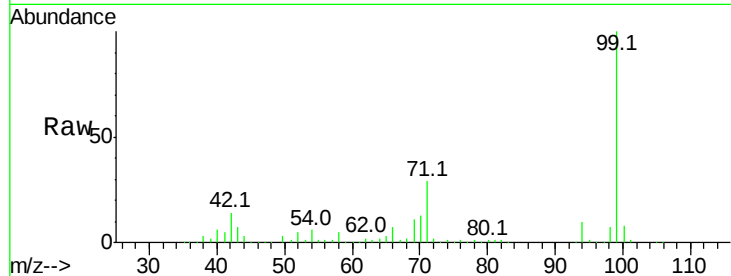
Tot Ion: 99 Resp: 566155

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

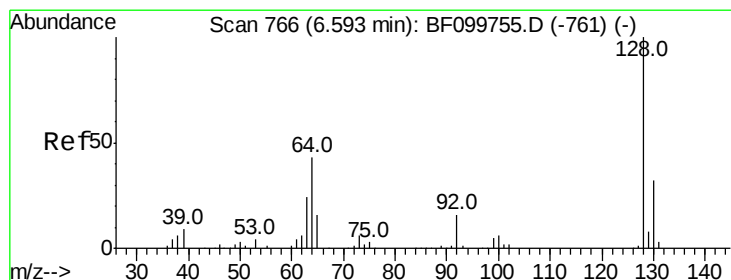
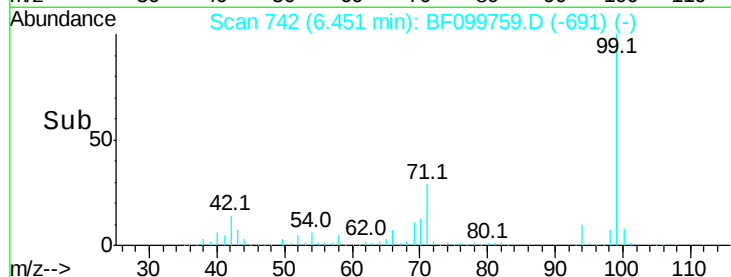
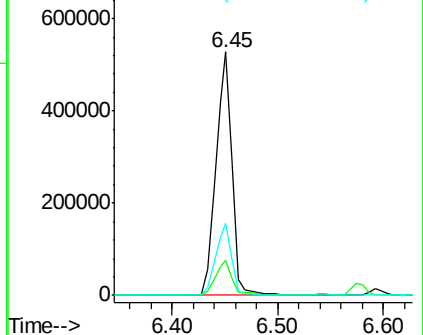
71 29.4 25.4 38.0



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: 40.112 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

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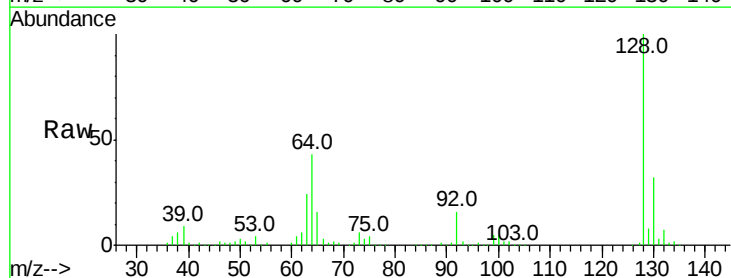
Tgt Ion: 128 Resp: 259045

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

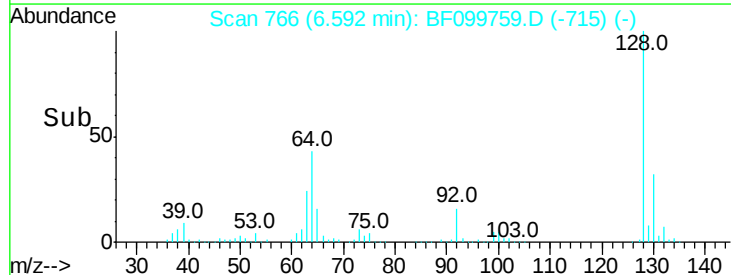
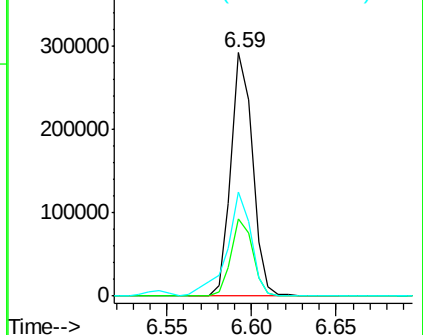
64 42.8 29.4 69.4

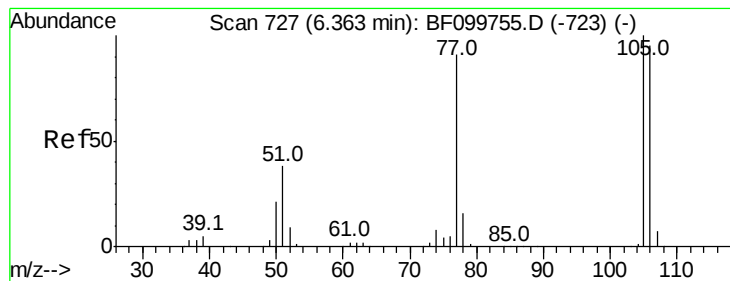


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.919 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

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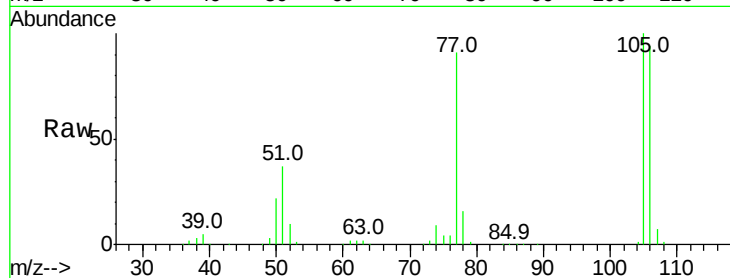
Tot Ion: 77 Resp: 171386

Ion Ratio Lower Upper

77 100

105 110.4 81.1 121.1

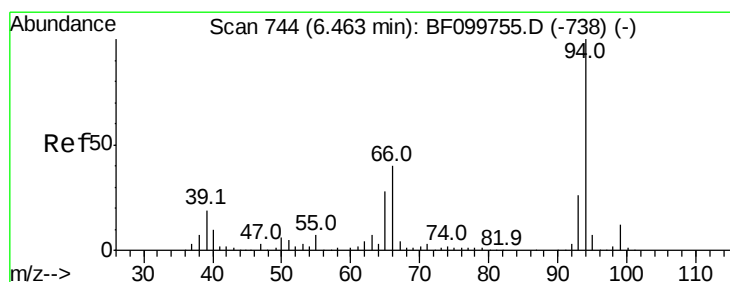
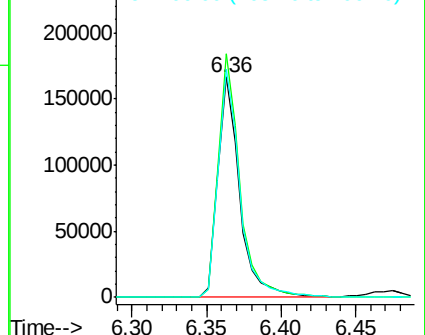
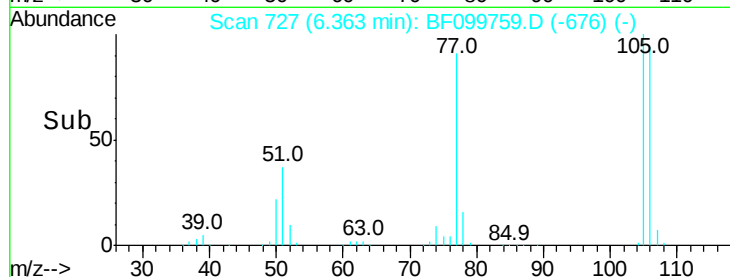
106 103.2 74.5 114.5



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: 40.277 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

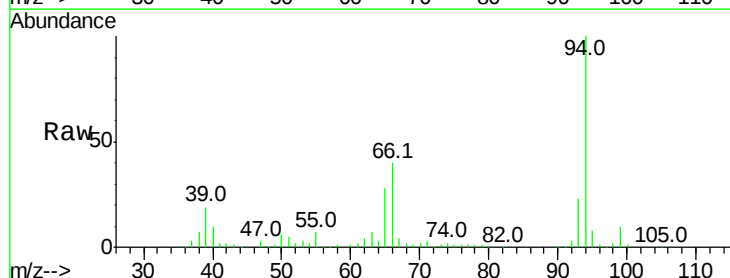
Tgt Ion: 94 Resp: 317728

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

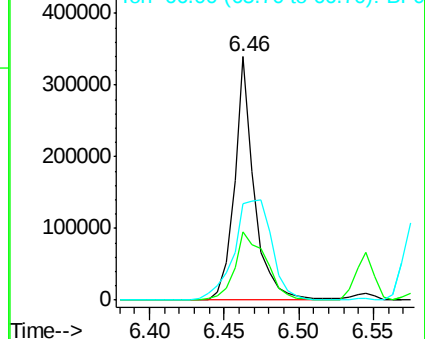
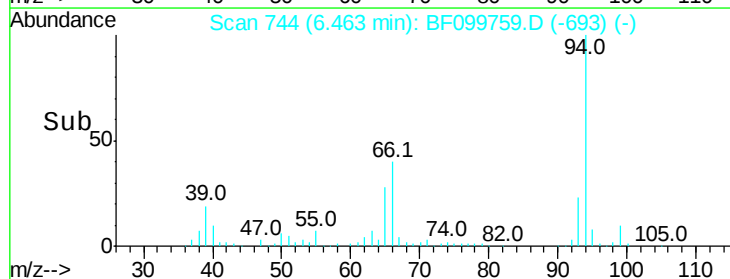
66 39.7 16.2 56.2

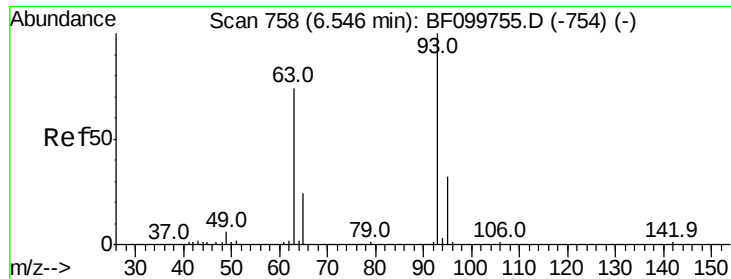


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

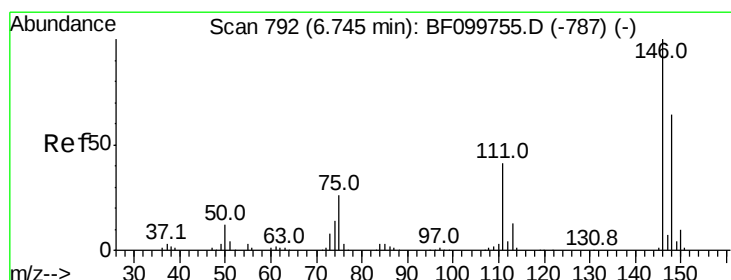
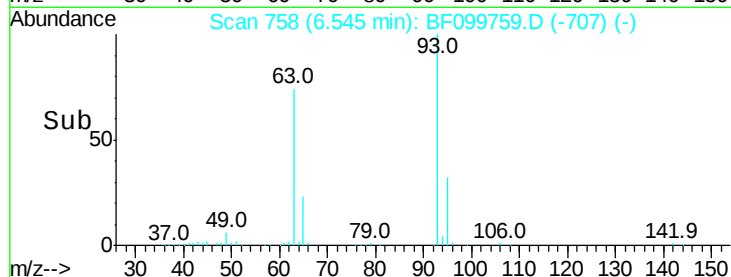
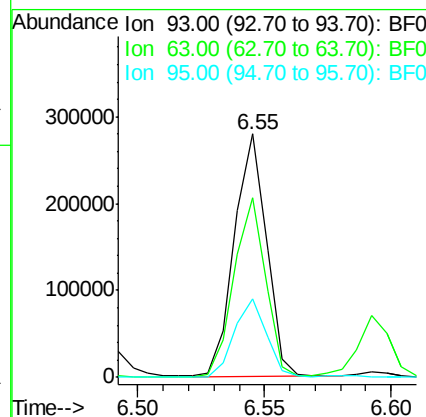
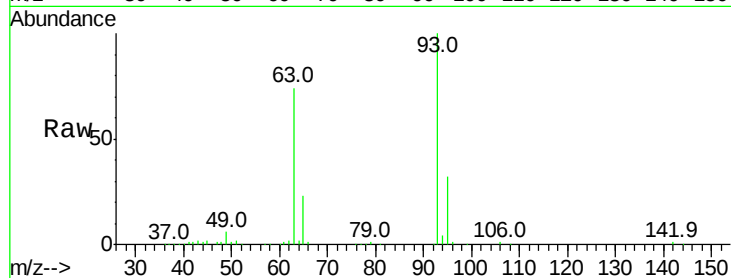




#11
bis(2-Chloroethyl)ether
Concen: 40.226 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

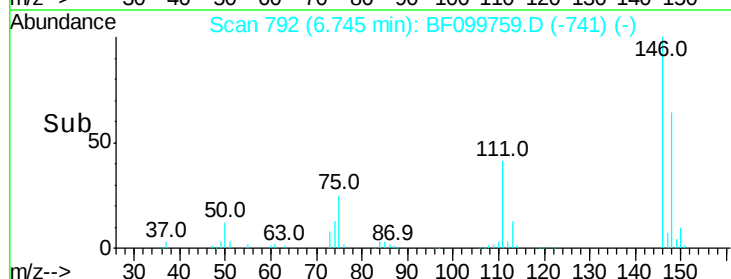
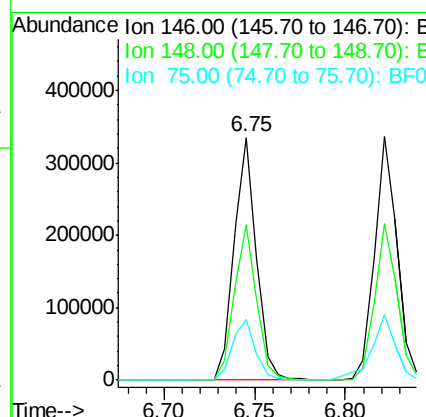
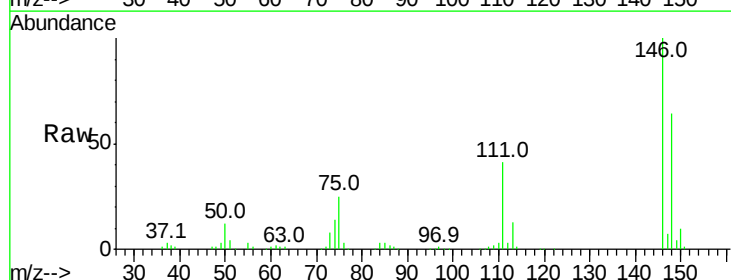
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

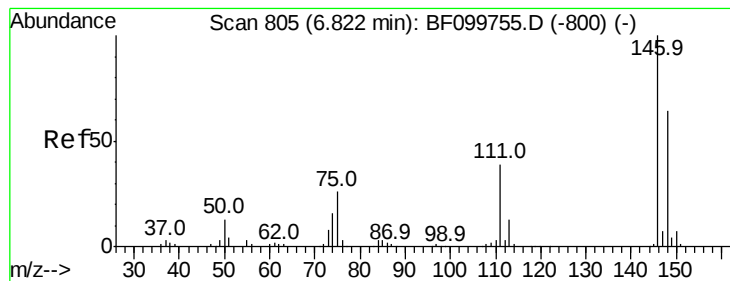
Tot Ion: 93 Resp: 245043
Ion Ratio Lower Upper
93 100
63 73.5 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.615 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion: 146 Resp: 287261
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 24.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.767 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

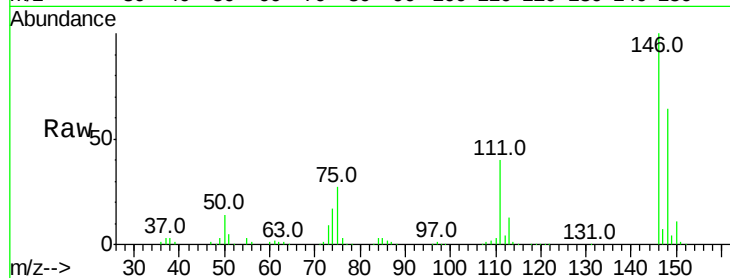
Tot Ion:146 Resp: 292663

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

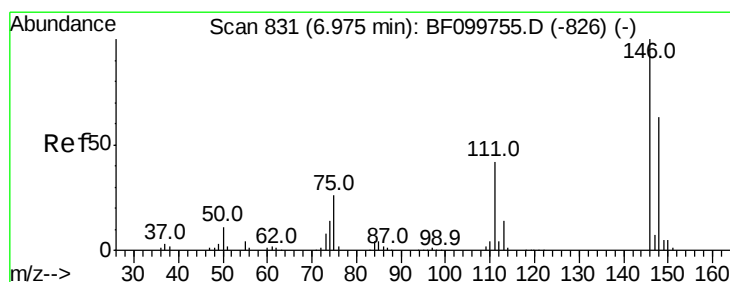
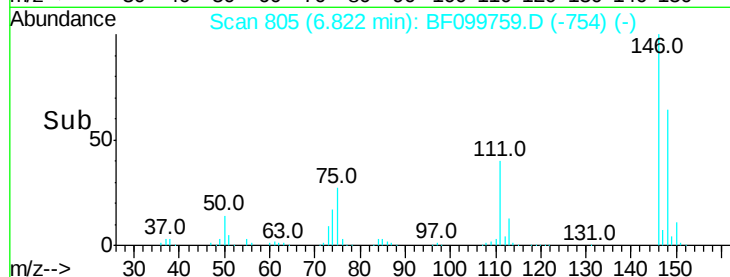
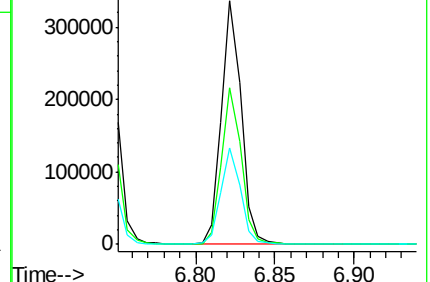
111 39.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.119 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

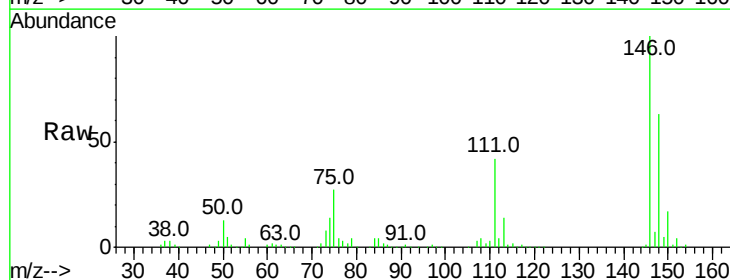
Tgt Ion:146 Resp: 269087

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

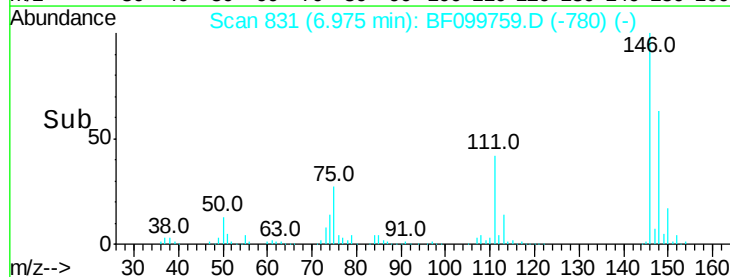
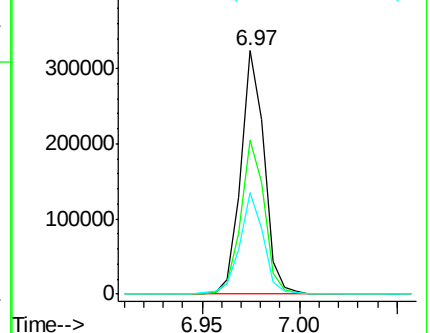
111 42.0 36.0 54.0

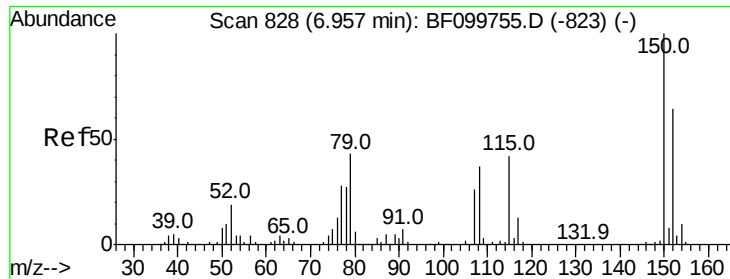


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

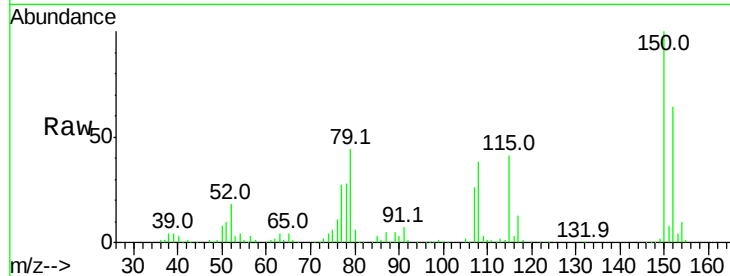




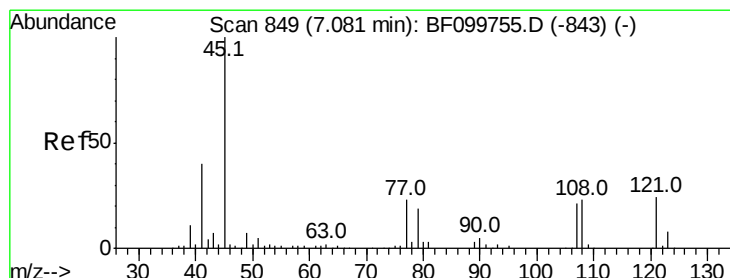
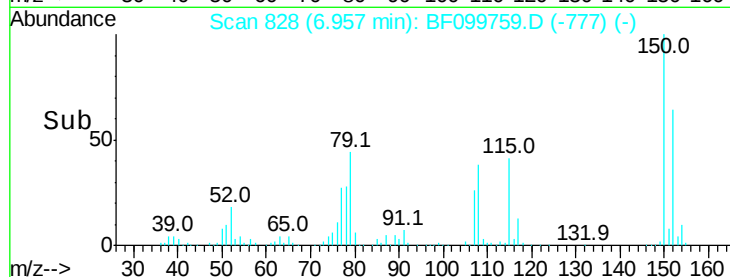
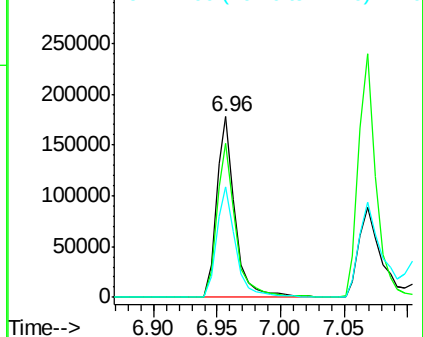
#15
Benzyl Alcohol
Concen: 39.865 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion: 79 Resp: 182151
Ion Ratio Lower Upper
79 100
108 85.3 65.1 97.7
77 61.1 50.6 75.8

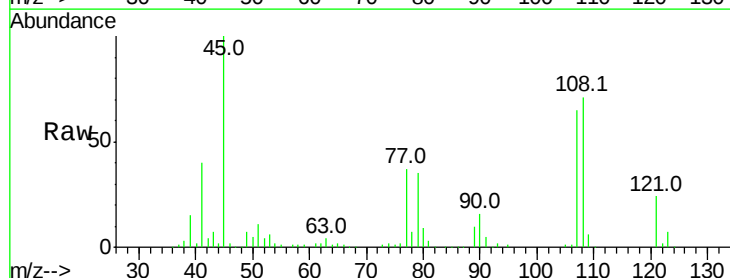


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

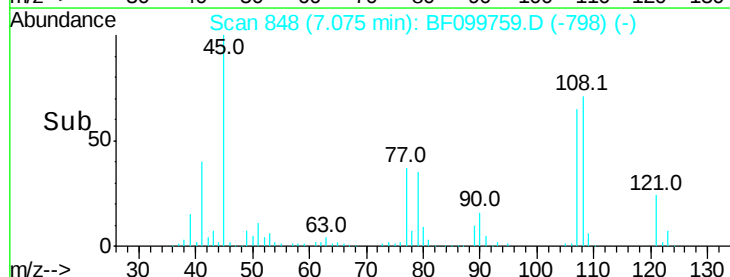
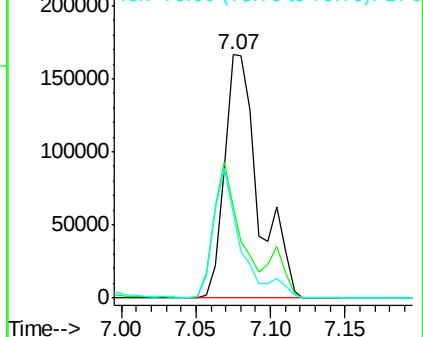


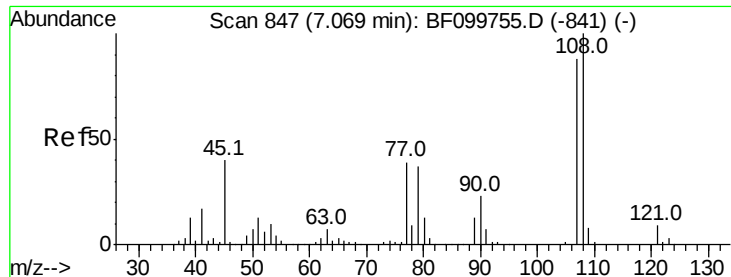
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.402 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion: 45 Resp: 266629
Ion Ratio Lower Upper
45 100
77 37.4 0.0 32.9#
79 35.1 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

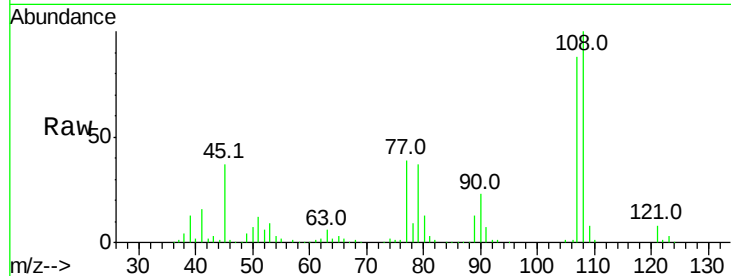




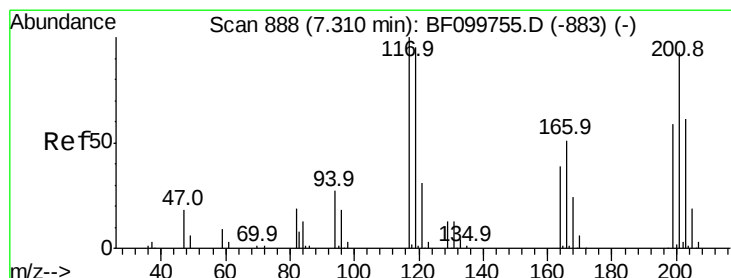
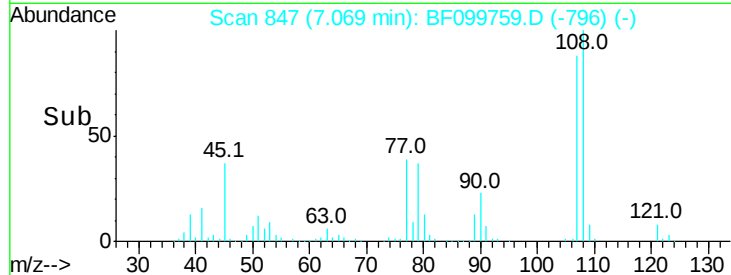
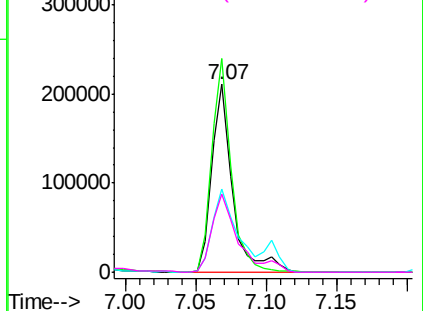
#17
2-Methylphenol
Concen: 40.117 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:107 Resp: 216714
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 44.2 33.8 50.8
79 41.8 33.8 50.8

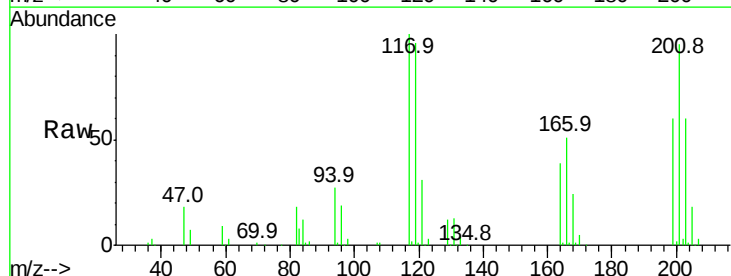


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

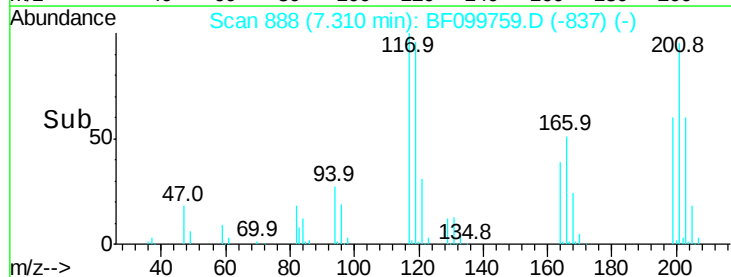
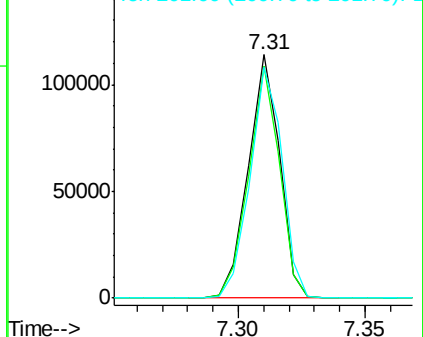


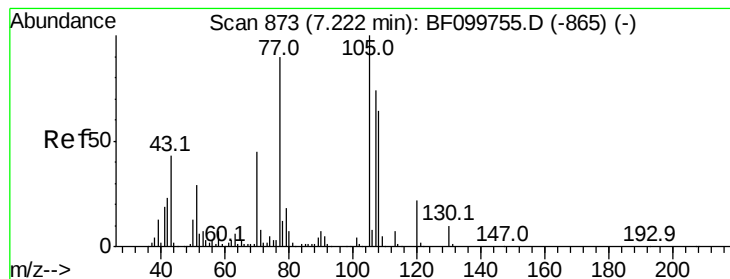
#18
Hexachloroethane
Concen: 40.089 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:117 Resp: 98431
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 94.6 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: 39.116 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

Tot Ion: 70 Resp: 164698

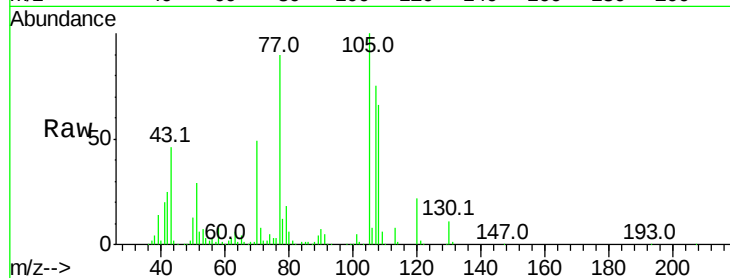
Ion Ratio Lower Upper

70 100

42 51.5 47.5 71.3

101 10.1 7.4 11.2

130 22.9 16.6 25.0

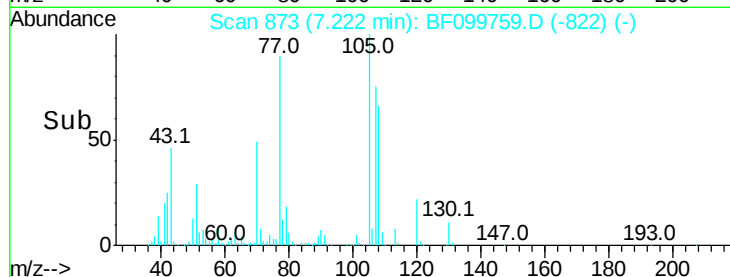
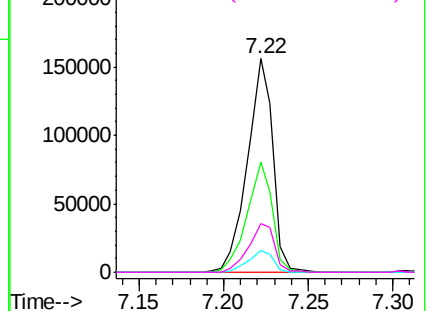


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.870 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Tgt Ion:107 Resp: 244490

Ion Ratio Lower Upper

107 100

108 87.1 68.2 108.2

77 119.8 26.7 66.7#

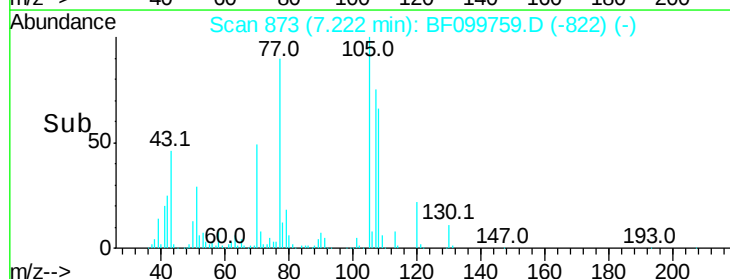
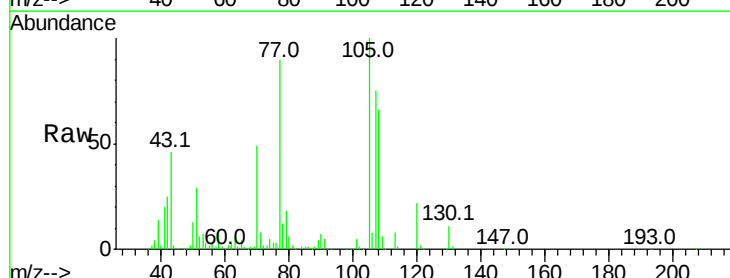
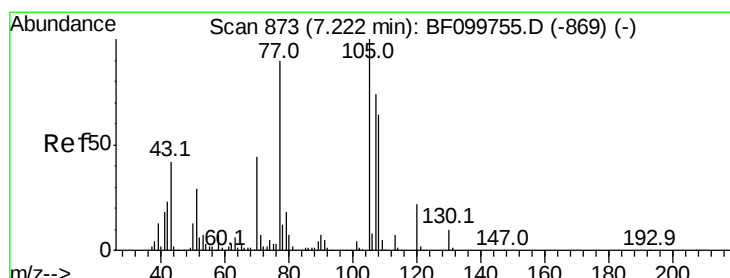
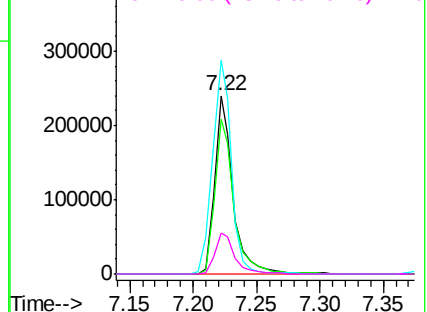
79 23.2 6.3 46.3

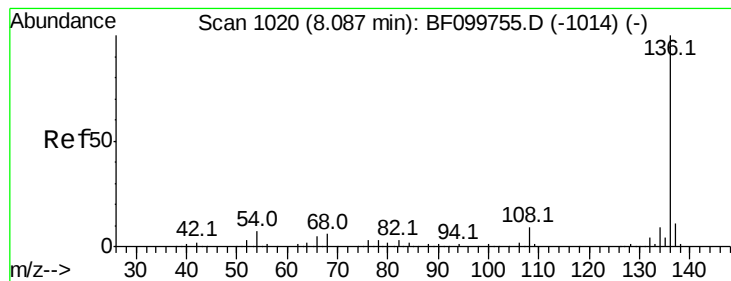
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

Tot Ion:136 Resp: 390456

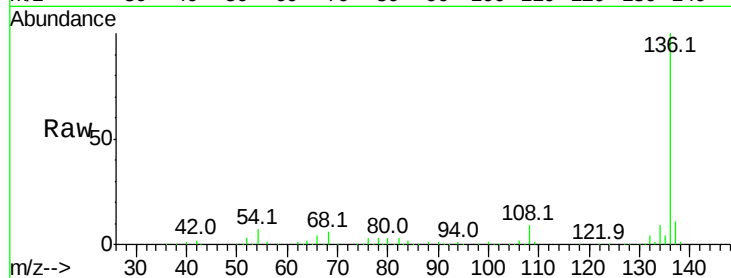
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

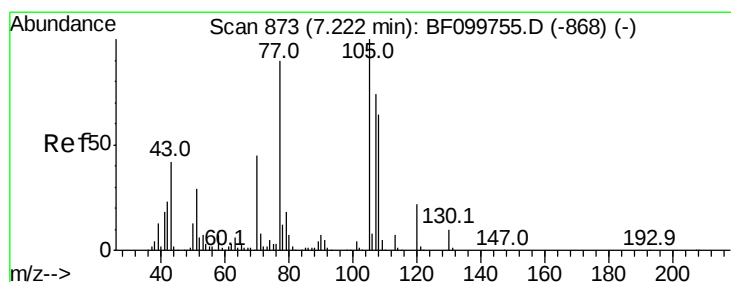
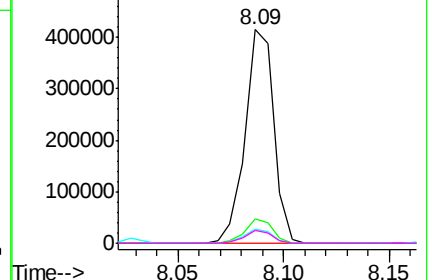
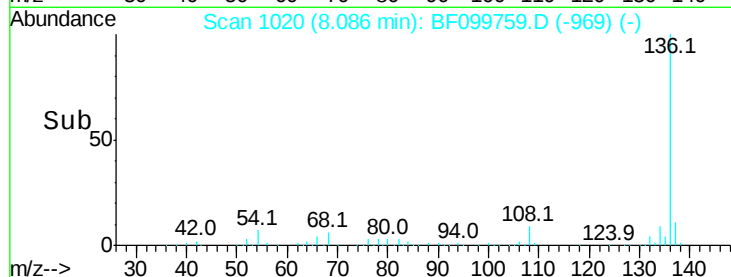


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.217 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Tgt Ion:105 Resp: 339765

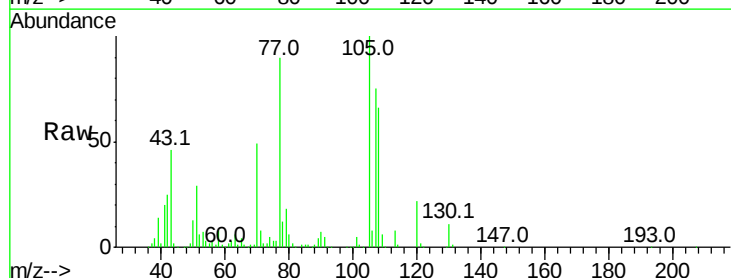
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 28.6 22.3 33.5

120 21.7 16.9 25.3

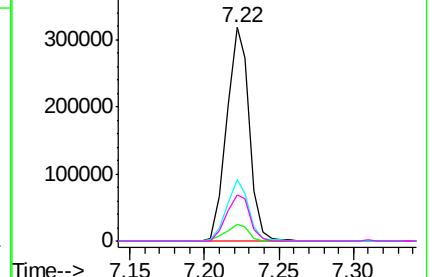
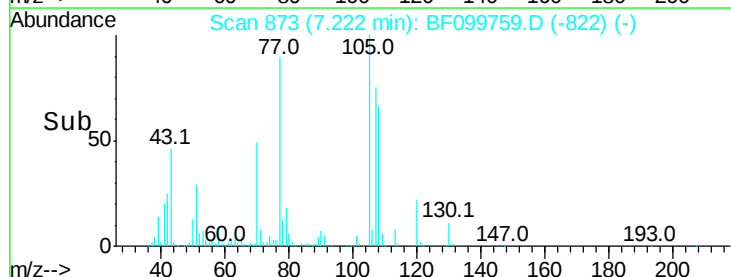


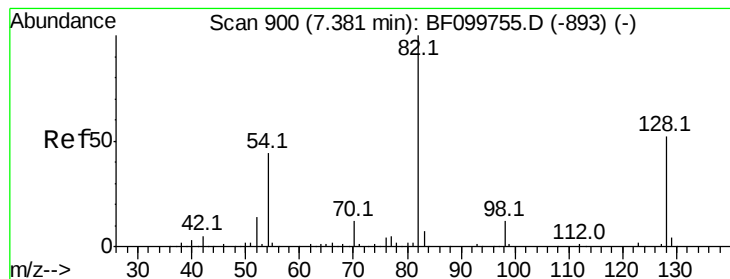
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.479 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

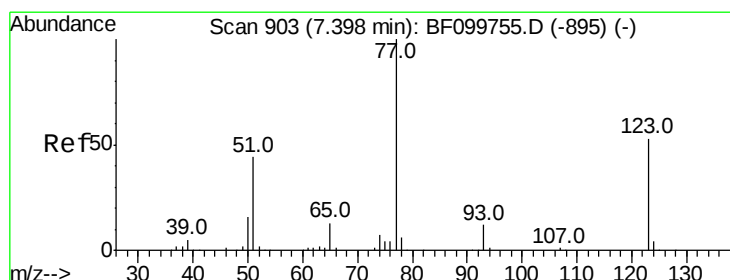
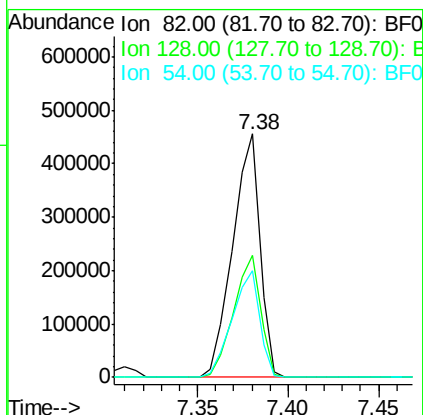
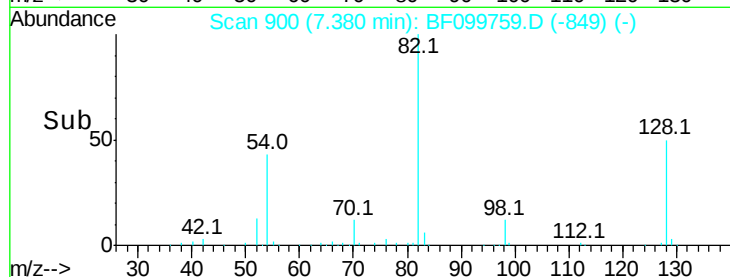
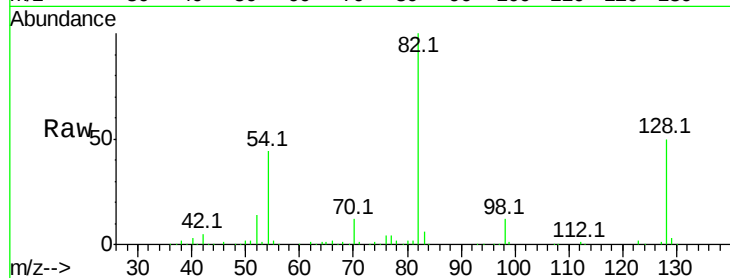
Tot Ion: 82 Resp: 475959

Ion Ratio Lower Upper

82 100

128 49.9 36.1 54.1

54 43.7 41.4 62.2



#24

Nitrobenzene

Concen: 39.652 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

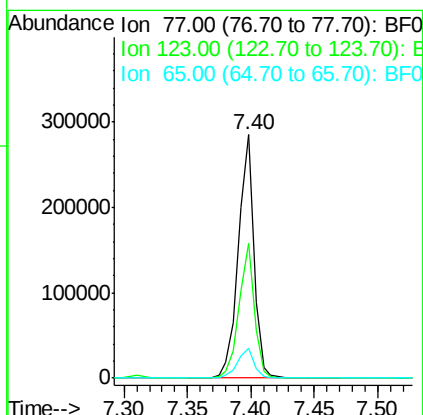
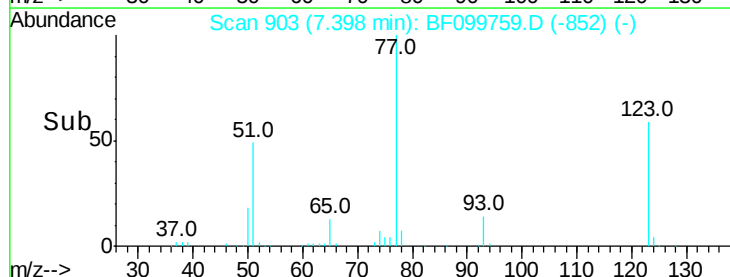
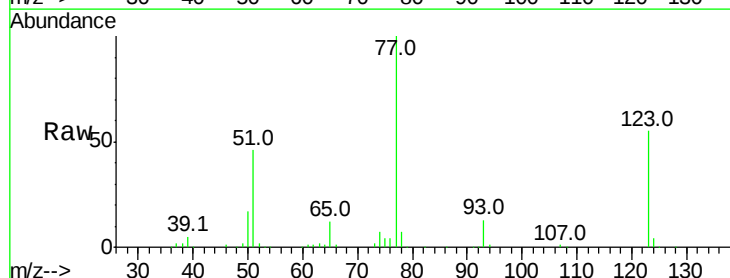
Tgt Ion: 77 Resp: 242309

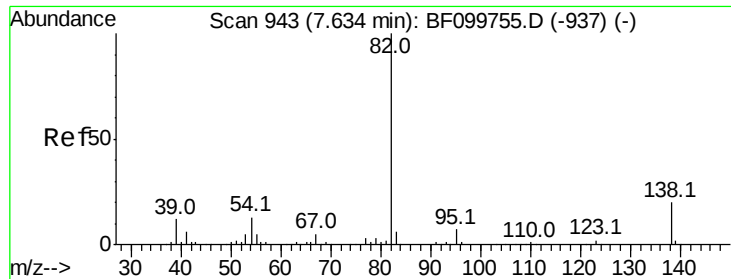
Ion Ratio Lower Upper

77 100

123 55.1 37.9 56.9

65 12.4 11.0 16.4





#25

Isophorone

Concen: 38.951 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

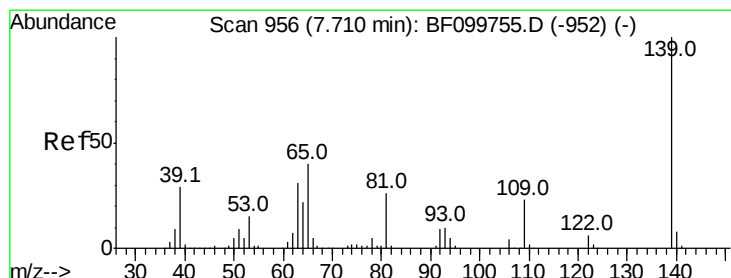
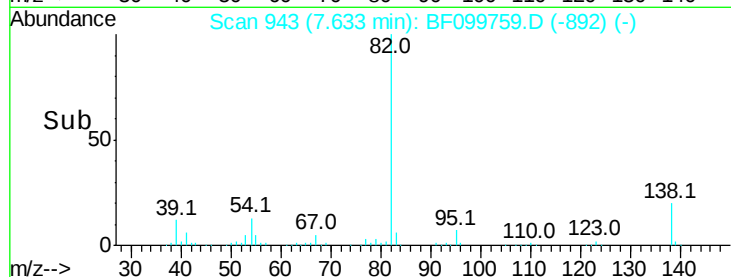
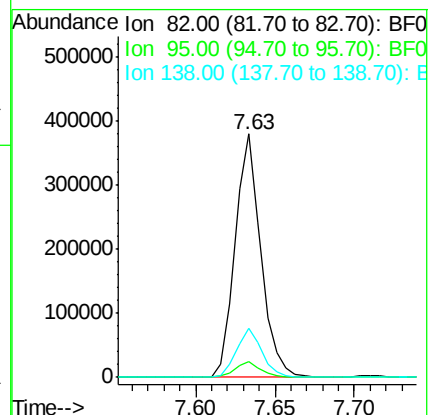
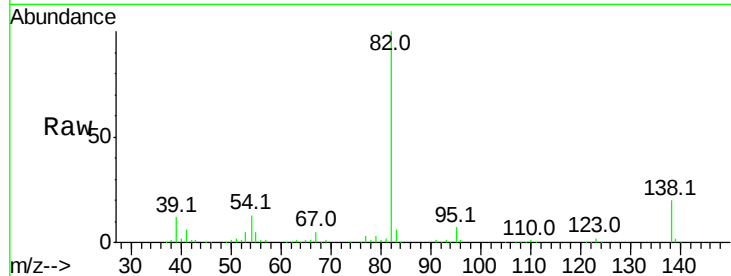
Tot Ion: 82 Resp: 428655

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 20.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.633 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

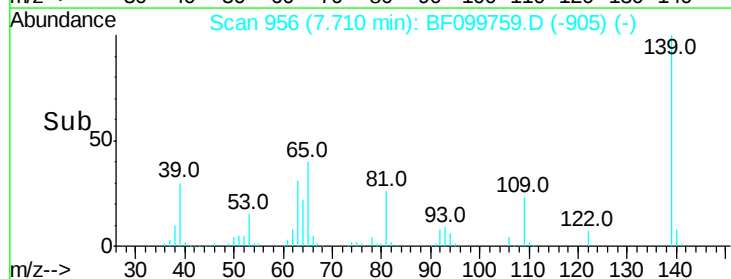
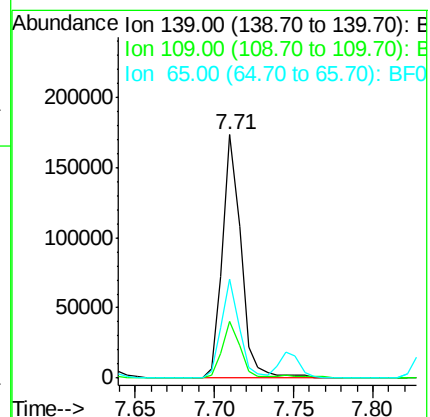
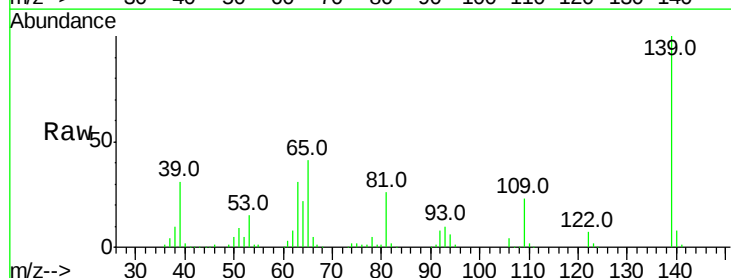
Tgt Ion: 139 Resp: 142217

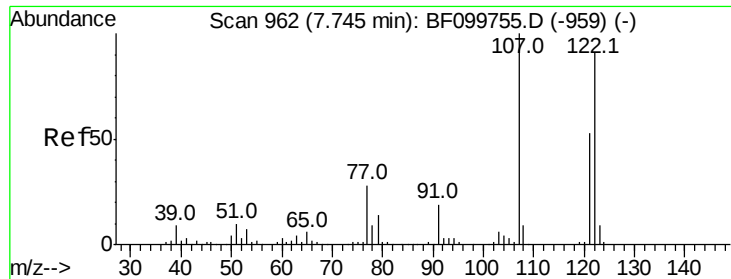
Ion Ratio Lower Upper

139 100

109 23.1 22.7 34.1

65 40.5 40.5 60.7

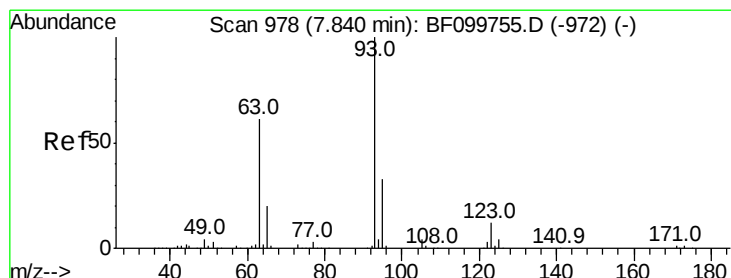
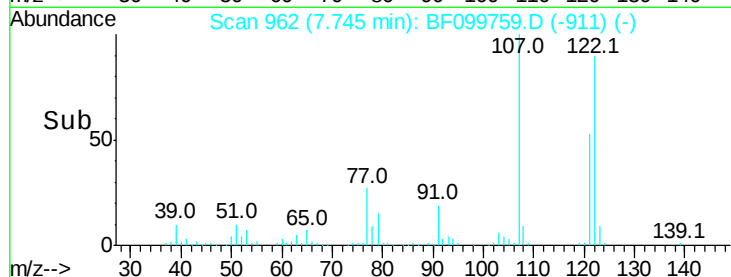
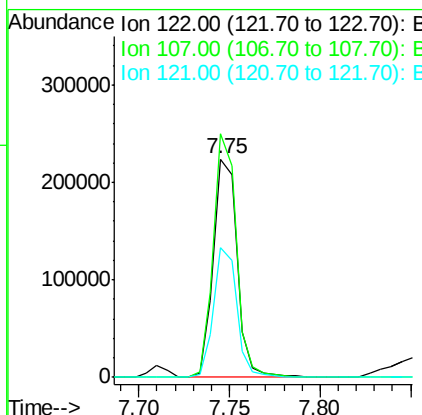
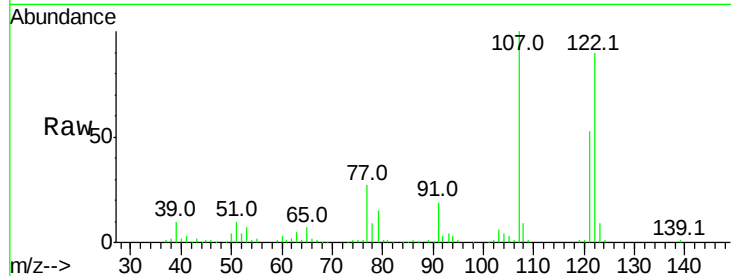




#27
 2,4-Dimethylphenol
 Concen: 39.896 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

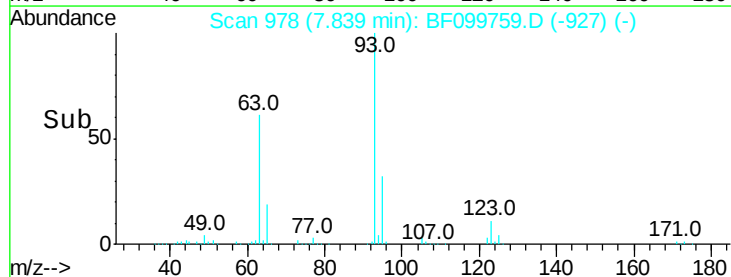
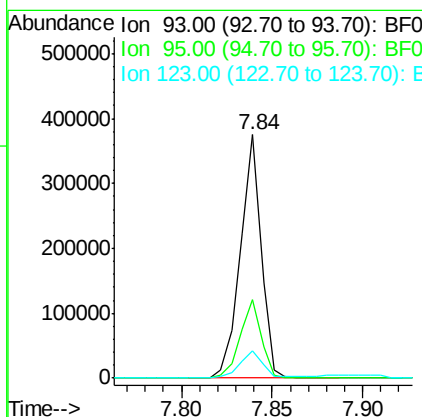
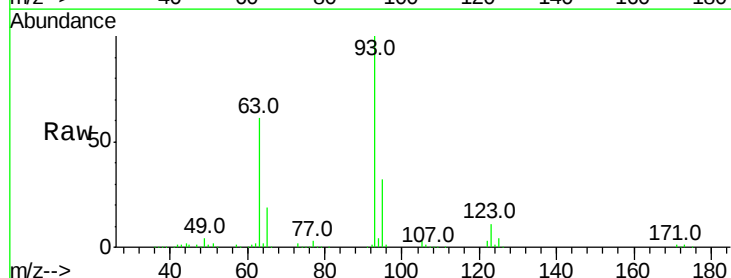
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

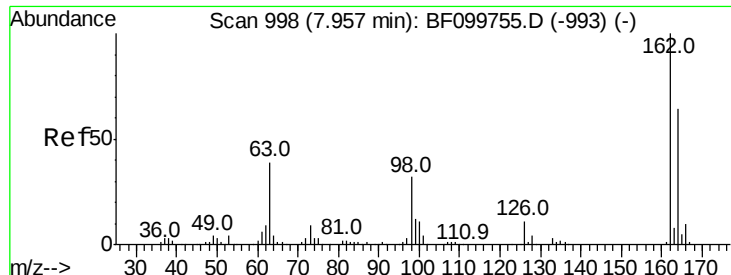
Tot Ion:122 Resp: 205742
 Ion Ratio Lower Upper
 122 100
 107 111.5 91.2 136.8
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.992 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion: 93 Resp: 300521
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.1 9.8 14.6

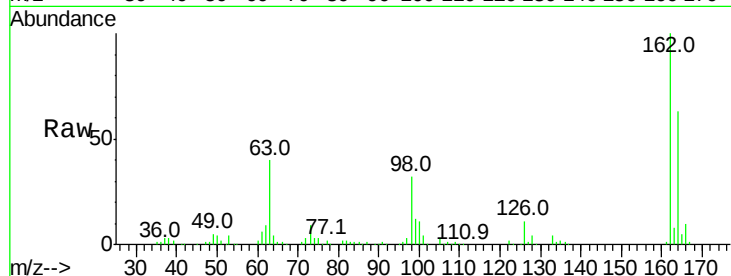




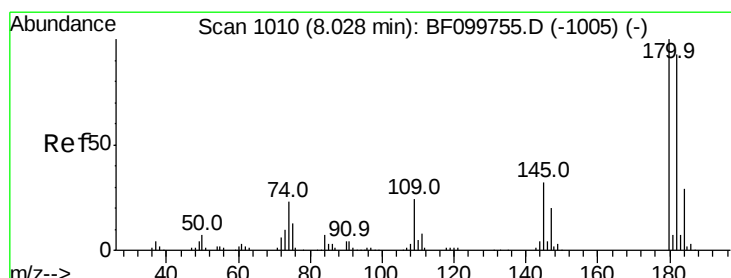
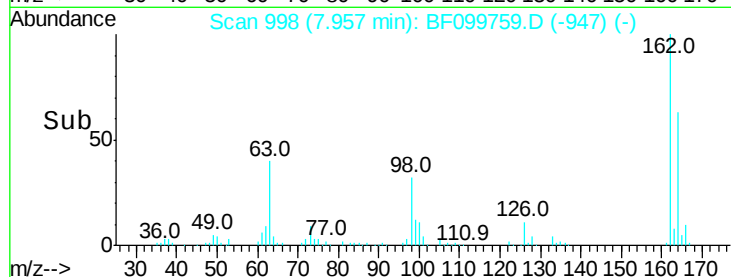
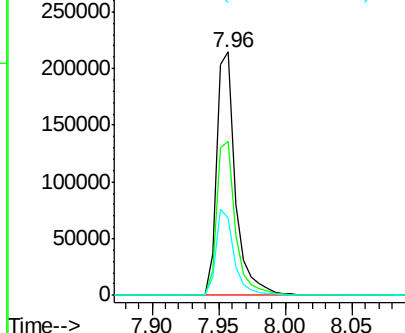
#29
 2,4-Dichlorophenol
 Concen: 39.958 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion:	162	Resp:	214060
Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	31.8	18.1	58.1

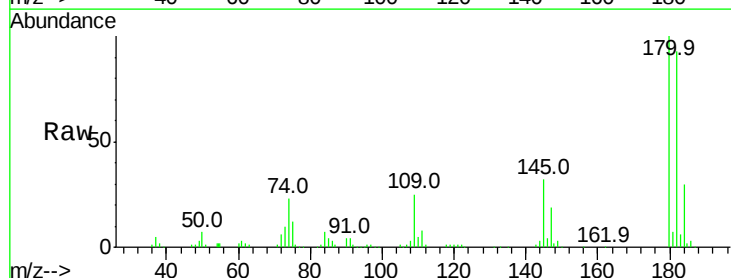


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

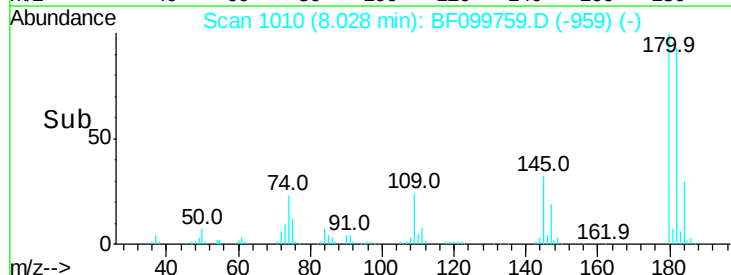
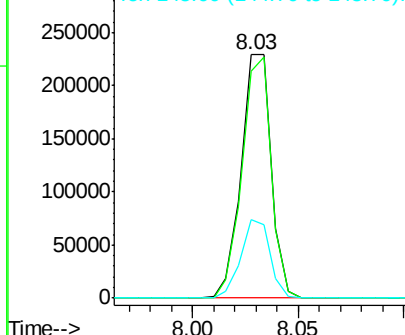


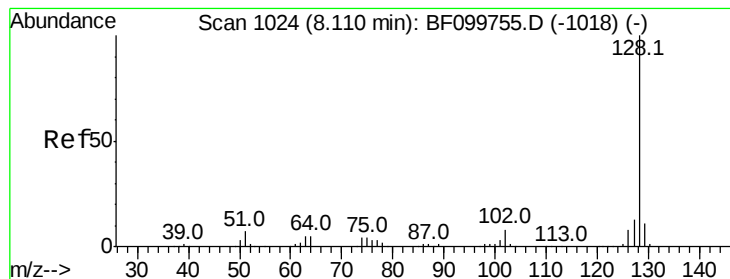
#30
 1,2,4-Trichlorobenzene
 Concen: 39.578 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion:	180	Resp:	226544
Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.8	115.2
145	32.5	26.5	39.7



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





#31

Naphthalene

Concen: 39.329 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

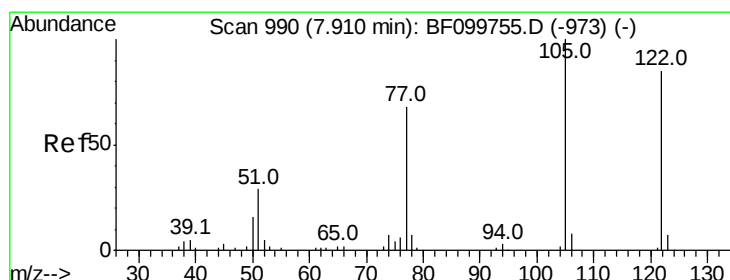
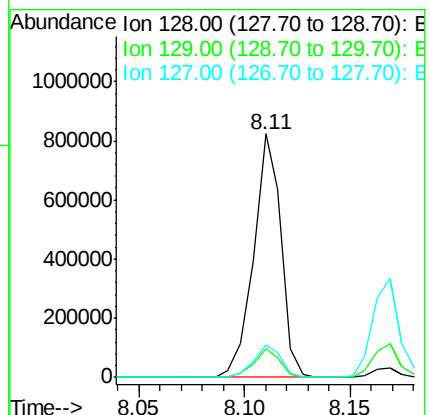
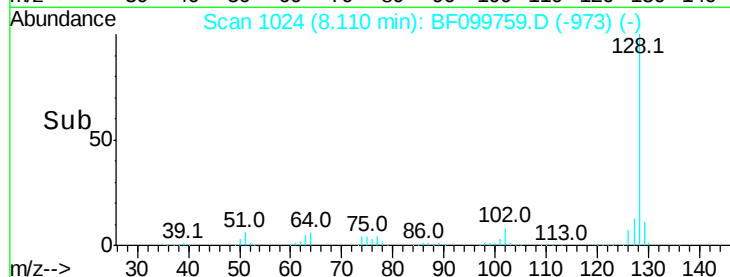
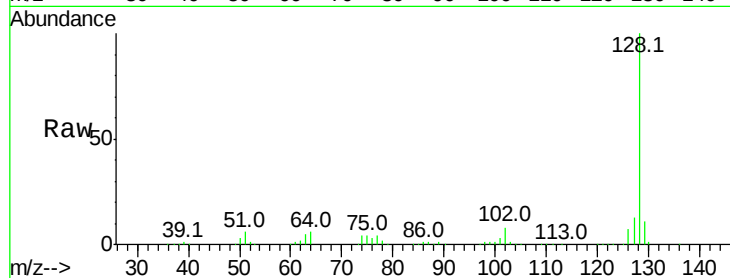
Tot Ion:128 Resp: 741254

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 42.356 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

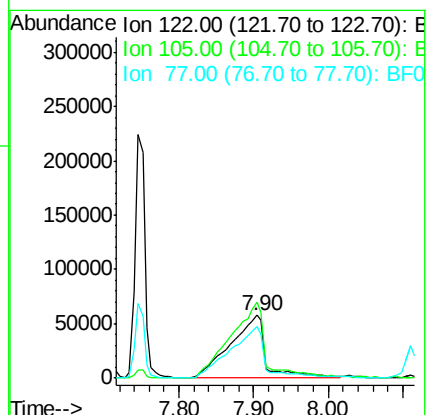
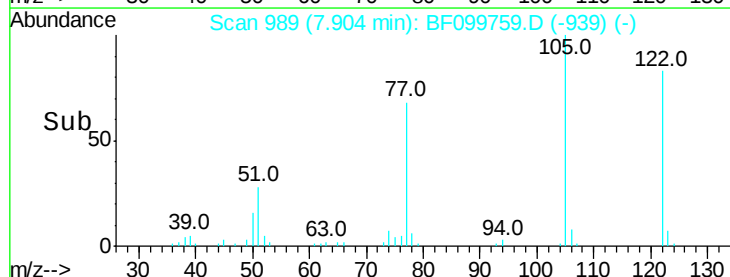
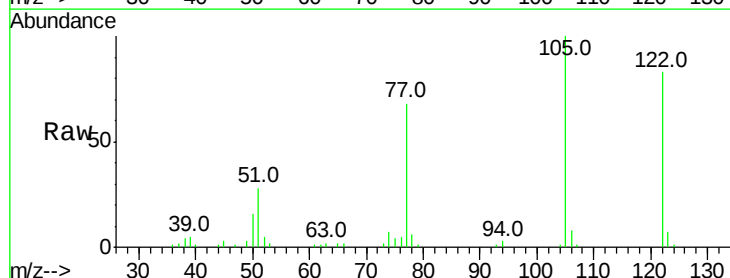
Tgt Ion:122 Resp: 192261

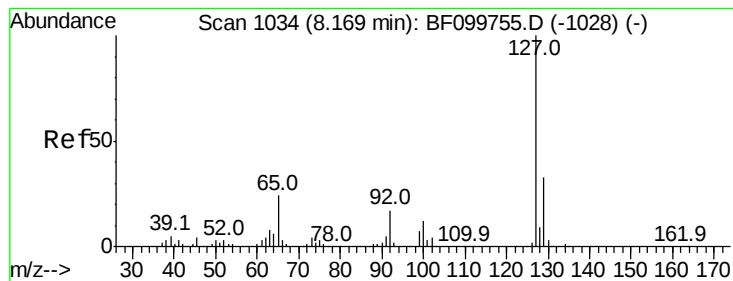
Ion Ratio Lower Upper

122 100

105 121.1 101.1 141.1

77 82.3 70.7 110.7





#33

4-Chloroaniline

Concen: 38.502 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

Tot Ion:127 Resp: 299656

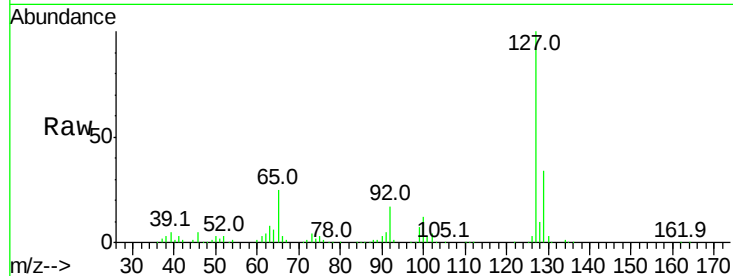
Ion Ratio Lower Upper

127 100

129 33.6 25.9 38.9

65 24.7 25.0 37.4#

92 17.1 15.2 22.8

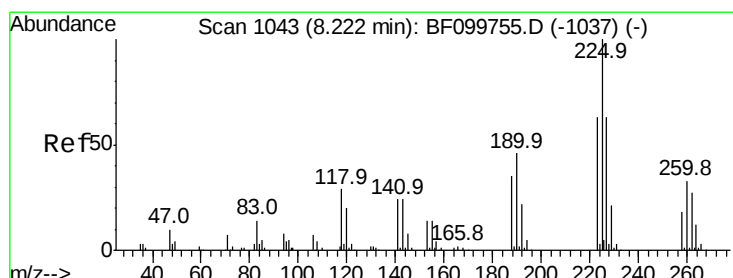
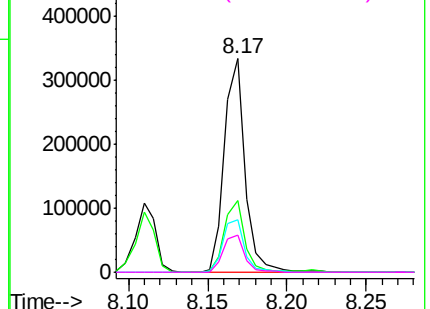
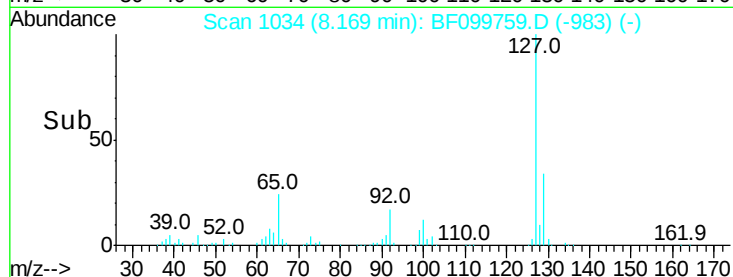


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.033 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

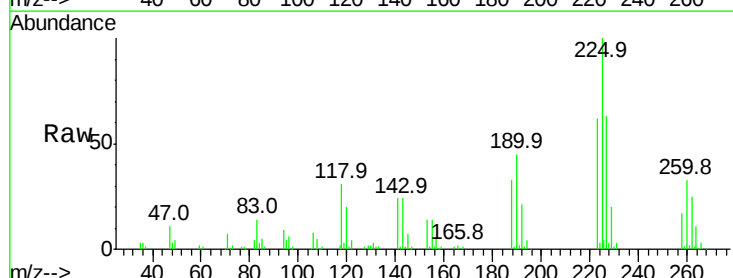
Tgt Ion:225 Resp: 117864

Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

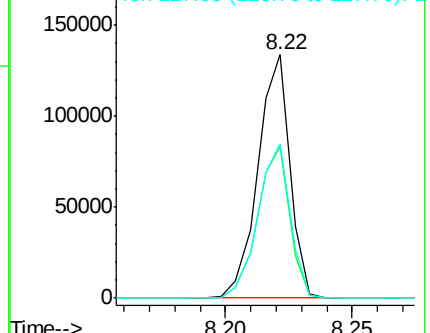
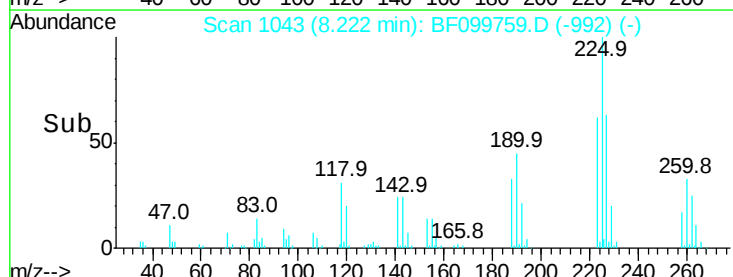
227 63.3 51.9 77.9

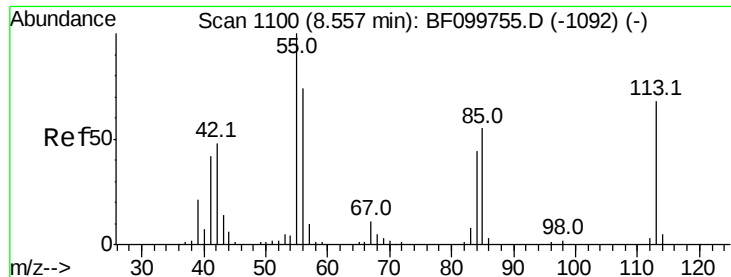


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.872 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

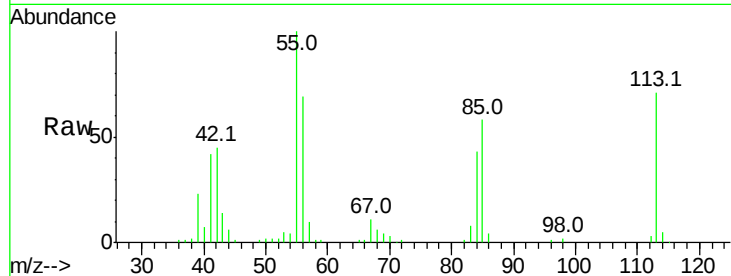
Tot Ion:113 Resp: 67172

Ion Ratio Lower Upper

113 100

55 141.5 163.3 203.3#

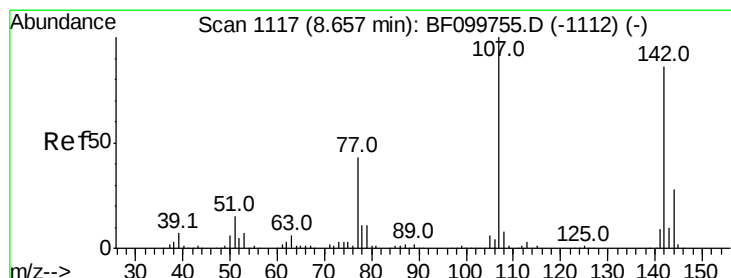
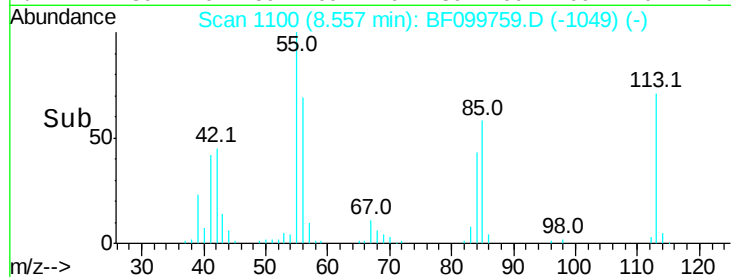
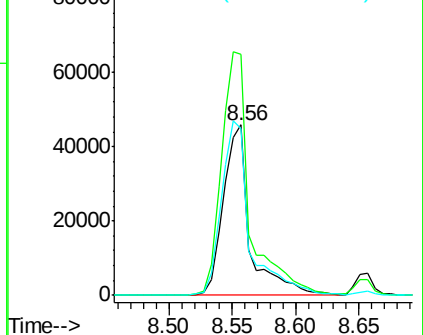
56 97.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.918 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

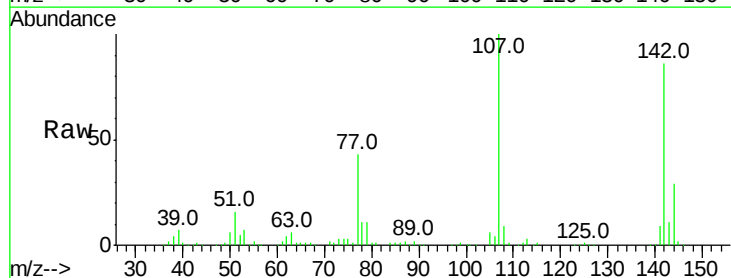
Tgt Ion:107 Resp: 212799

Ion Ratio Lower Upper

107 100

144 28.7 20.5 30.7

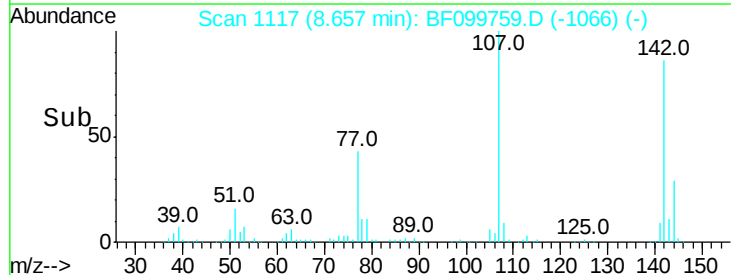
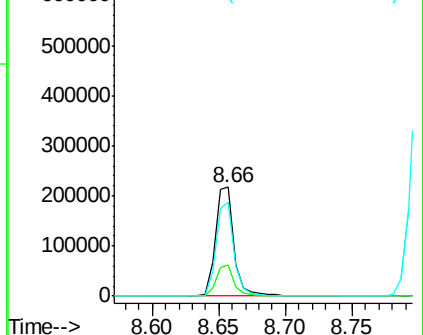
142 86.3 62.0 93.0

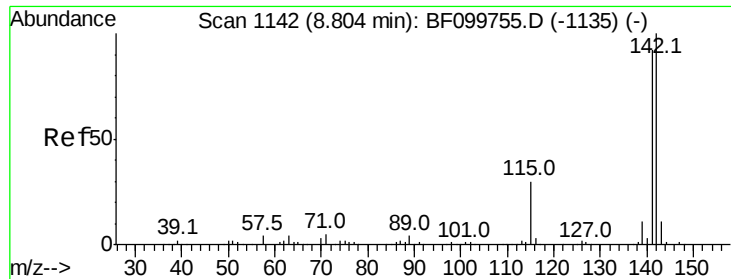


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

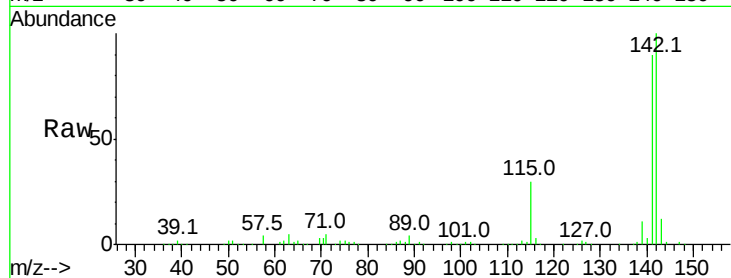




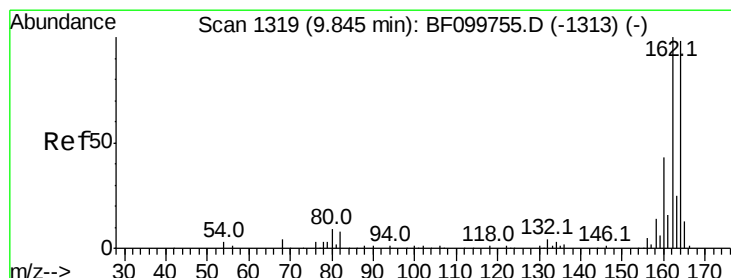
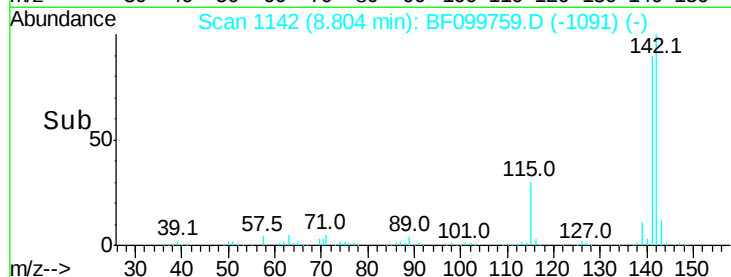
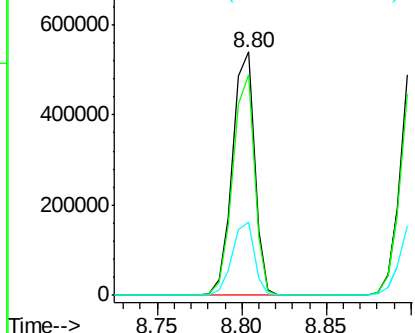
#37
2-Methylnaphthalene
Concen: 38.925 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:142 Resp: 491652
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2
115 29.9 26.1 39.1

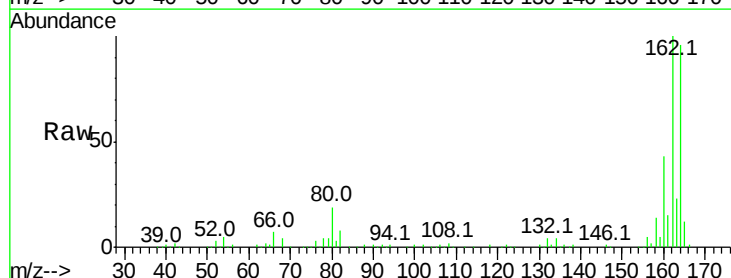


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

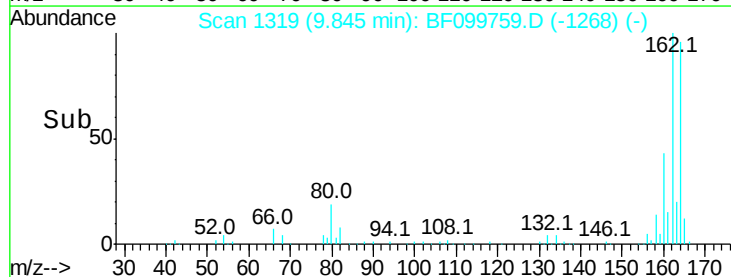
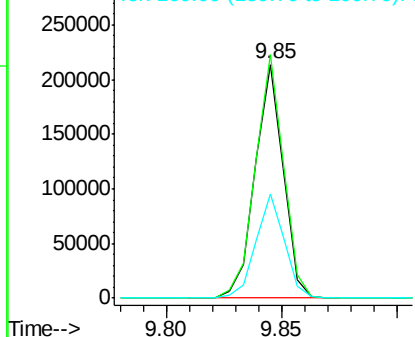


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:164 Resp: 182095
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 44.3 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

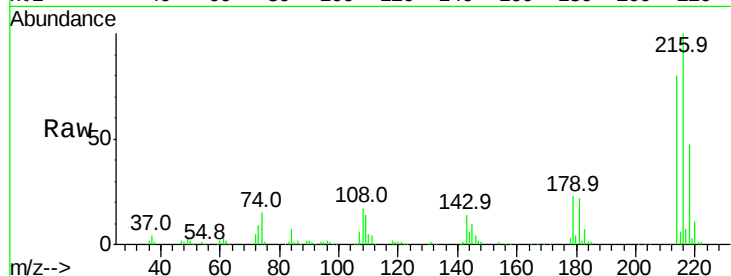




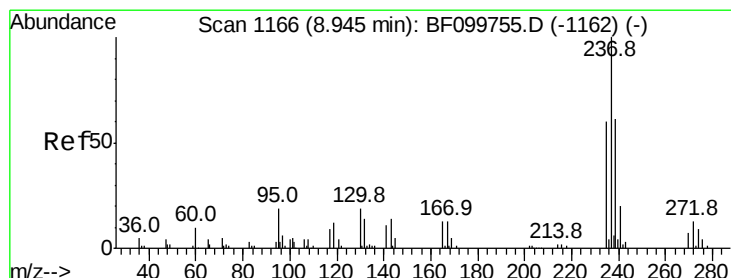
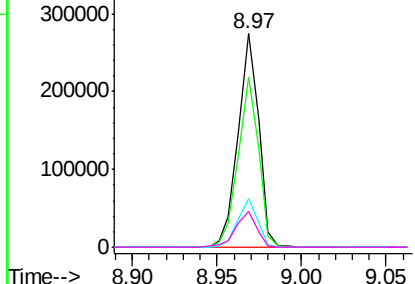
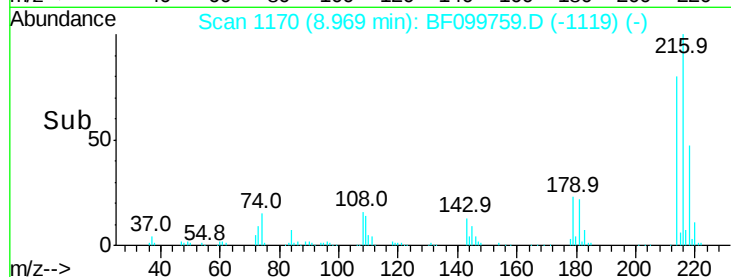
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.523 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion:	216	Resp:	232443
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.1	18.1	27.1
108	17.3	17.2	25.8

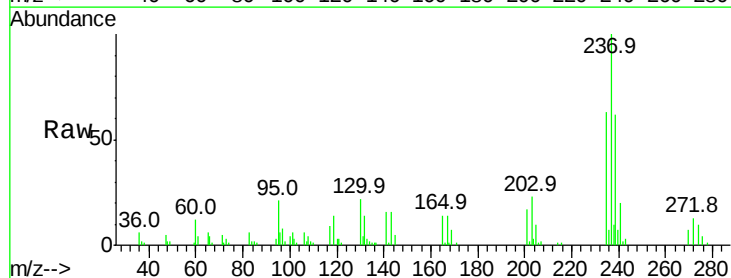


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

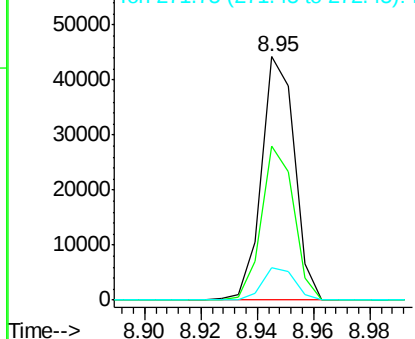
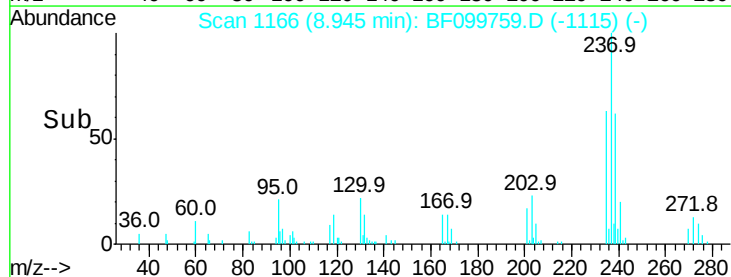


#40
 Hexachlorocyclopentadiene
 Concen: 39.975 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion:	237	Resp:	35852
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	13.2	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

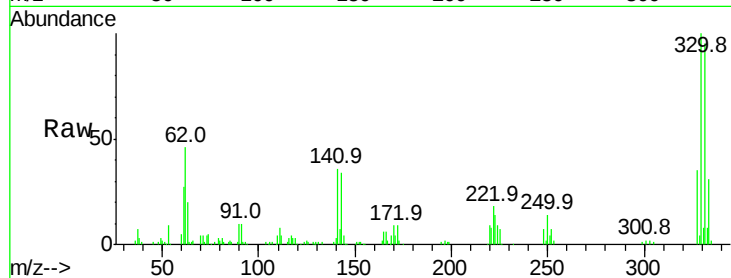




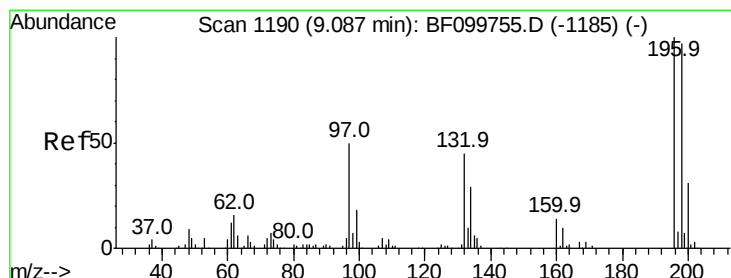
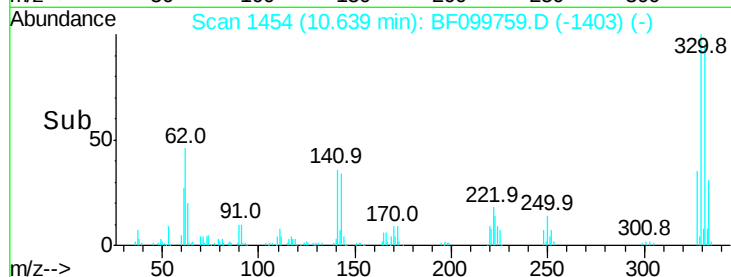
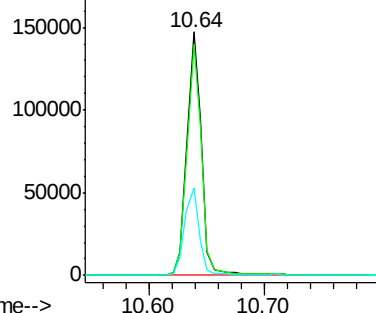
#41
 2,4,6-Tribromophenol
 Concen: 77.989 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	36.3	29.9	44.9

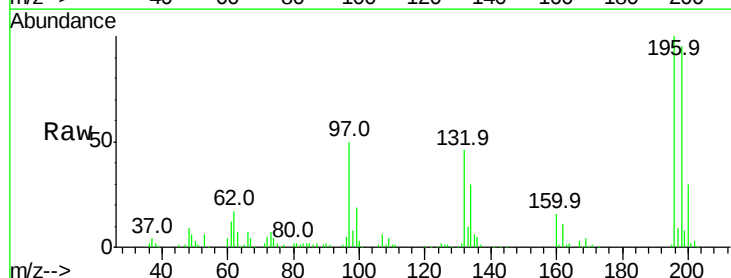


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

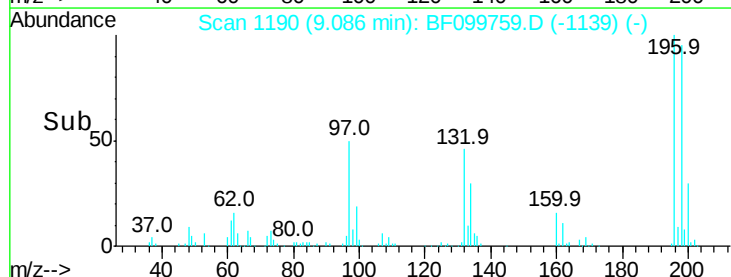
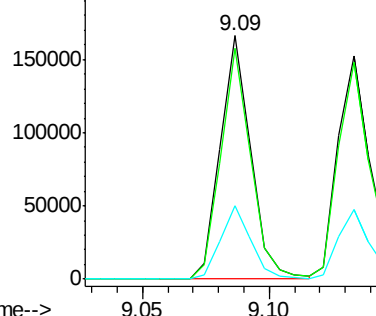


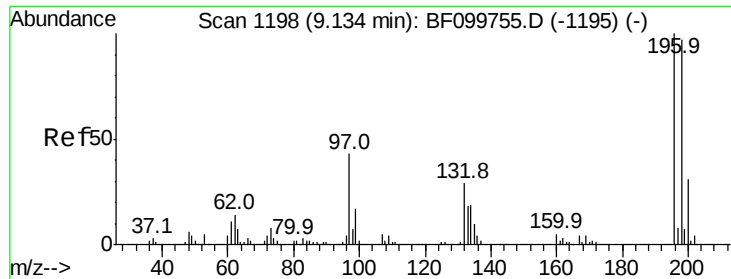
#42
 2,4,6-Trichlorophenol
 Concen: 39.181 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	30.1	24.5	36.7



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

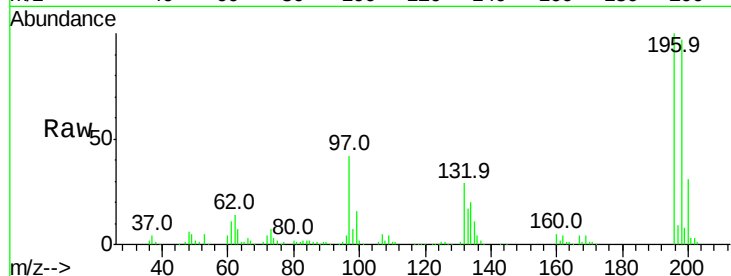




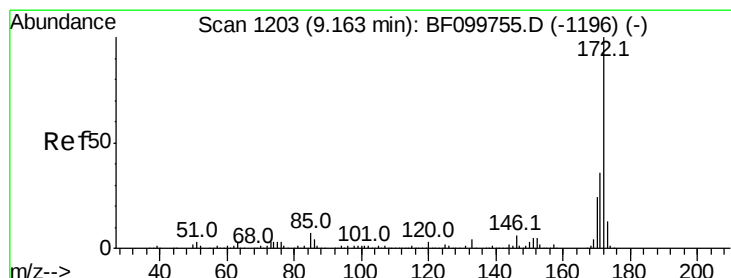
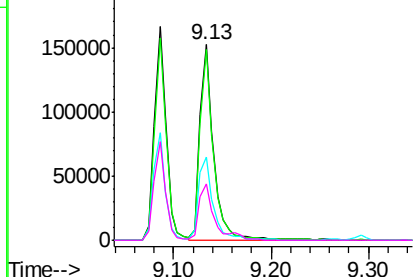
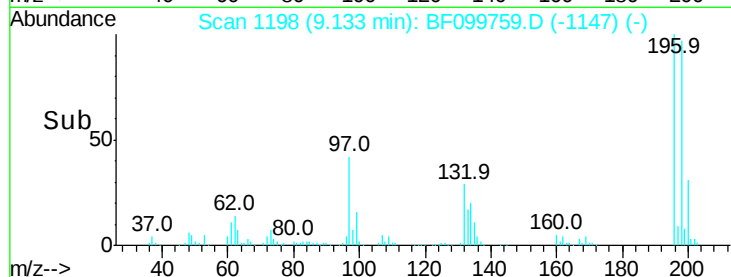
#43
2,4,5-Trichlorophenol
Concen: 39.708 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:196 Resp: 149900
Ion Ratio Lower Upper
196 100
198 97.3 74.6 112.0
97 42.4 42.9 64.3#
132 29.1 26.3 39.5

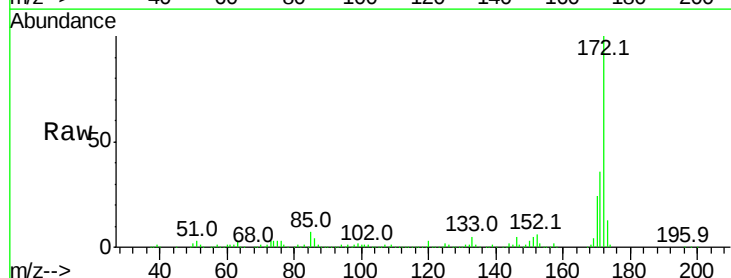


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

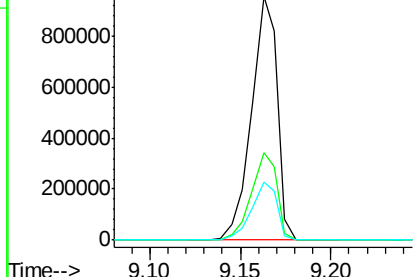
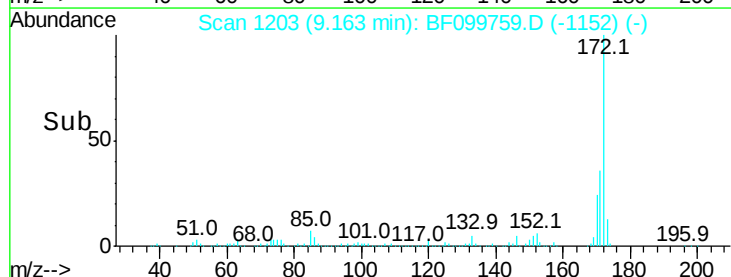


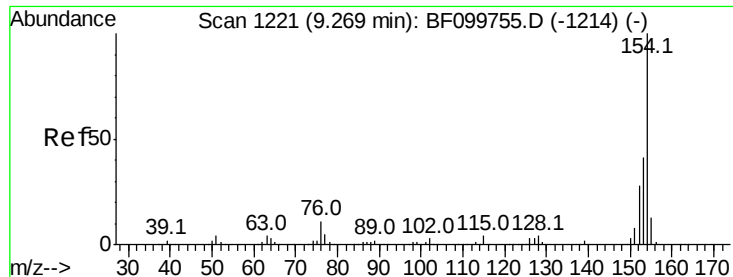
#44
2-Fluorobiphenyl
Concen: 79.697 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:172 Resp: 940630
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.6 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

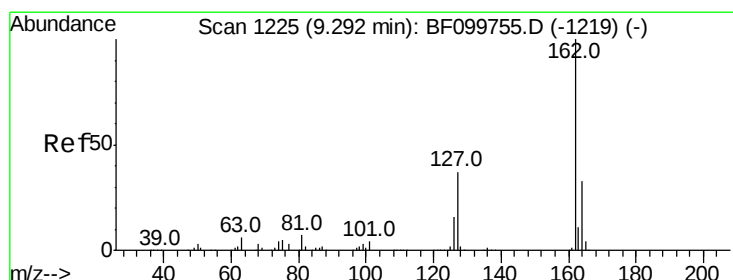
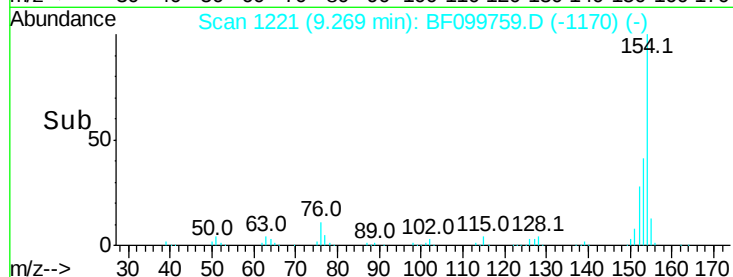
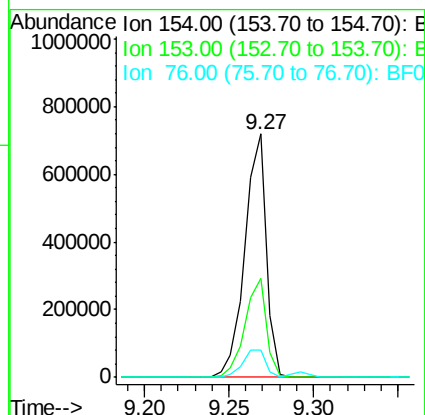
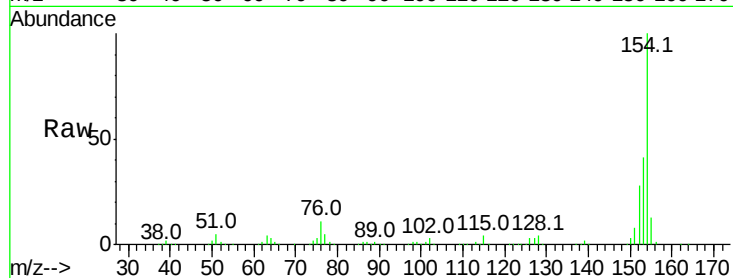




#45
1,1'-Biphenyl
Concen: 38.889 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

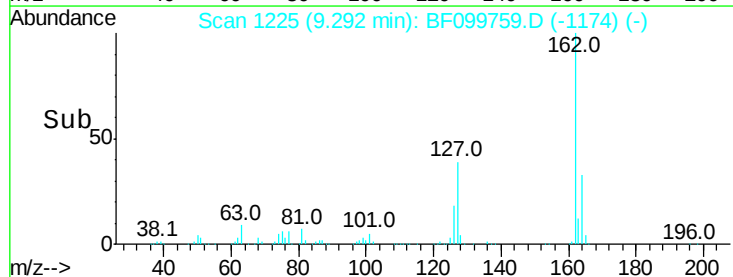
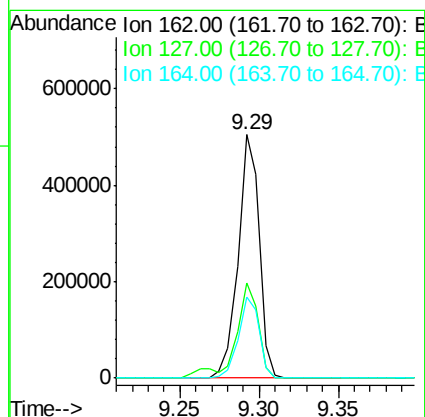
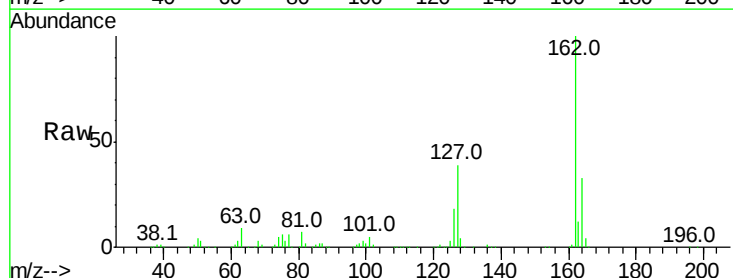
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

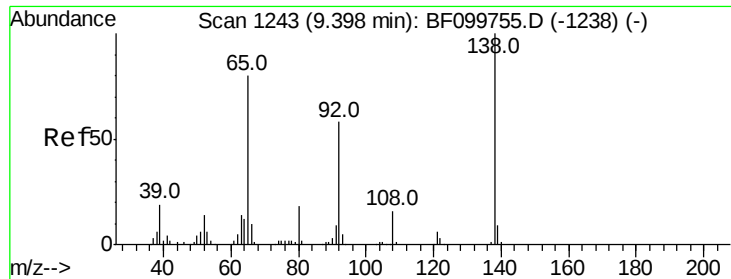
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	11.5	0.0	34.0



#46
2-Chloronaphthalene
Concen: 38.647 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	33.3	26.5	39.7

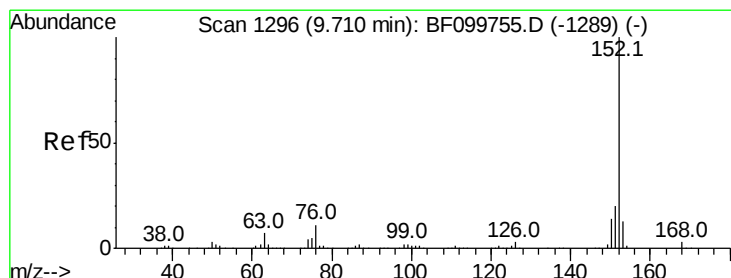
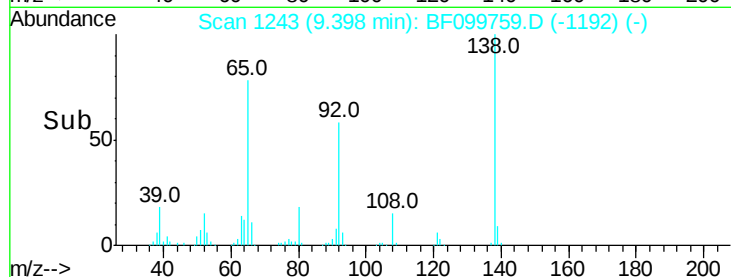
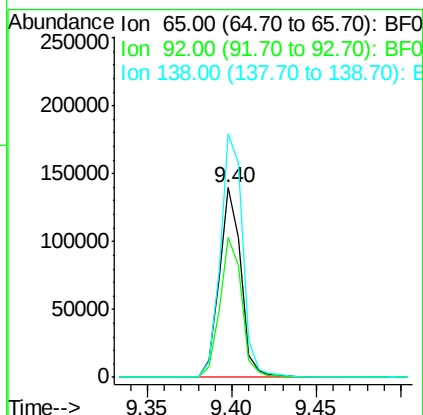
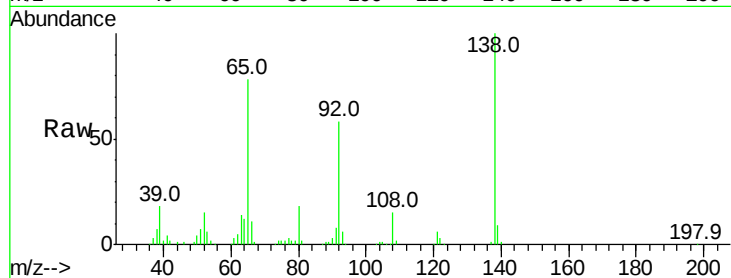




#47
2-Nitroaniline
Concen: 39.730 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

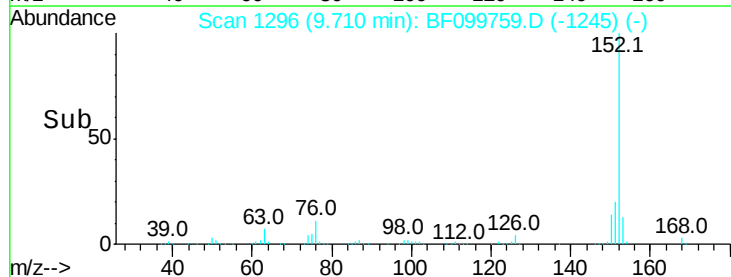
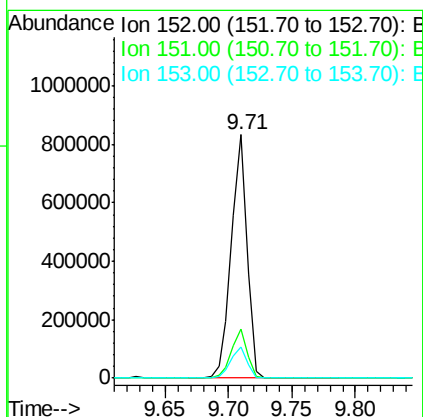
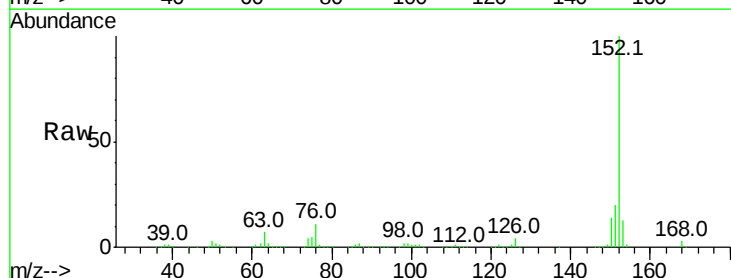
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

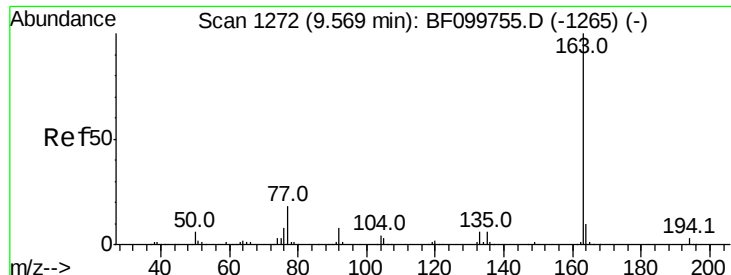
Tot Ion: 65 Resp: 124748
Ion Ratio Lower Upper
65 100
92 73.8 55.8 83.6
138 128.3 91.2 136.8



#48
Acenaphthylene
Concen: 38.725 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion: 152 Resp: 713548
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.9 10.7 16.1

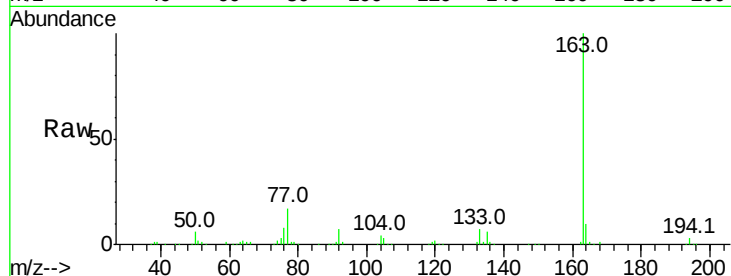




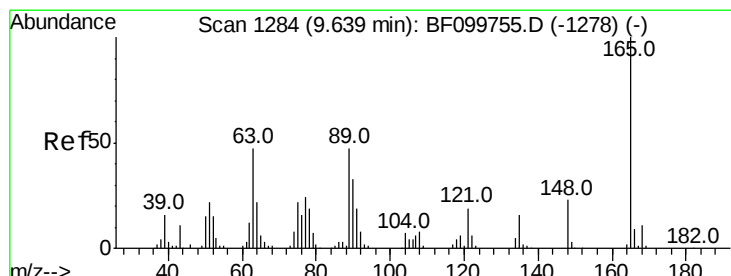
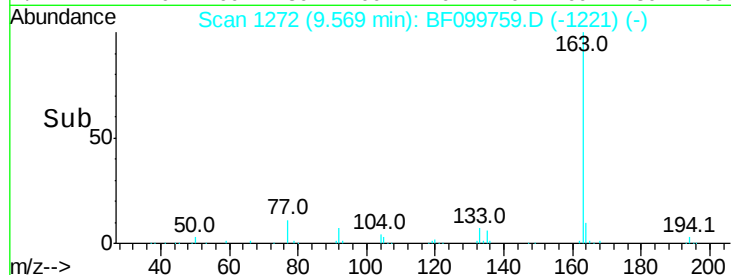
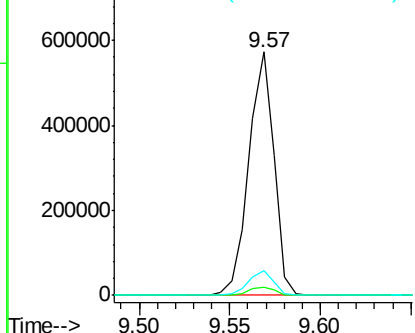
#49
Dimethylphthalate
Concen: 38.321 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:163 Resp: 552598
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

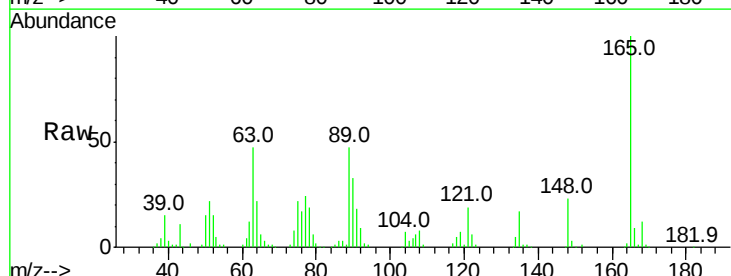


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

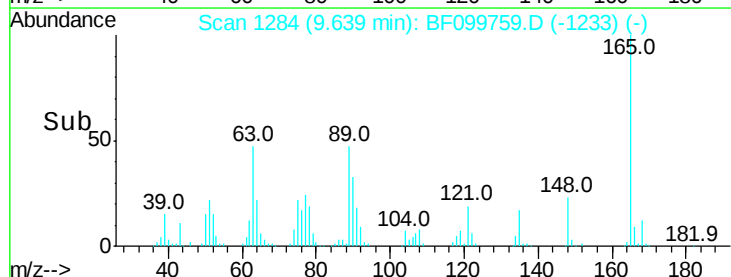
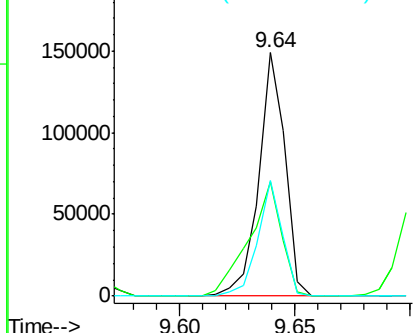


#50
2,6-Dinitrotoluene
Concen: 38.807 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:165 Resp: 117644
Ion Ratio Lower Upper
165 100
63 46.8 44.7 67.1
89 47.4 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: 38.374 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

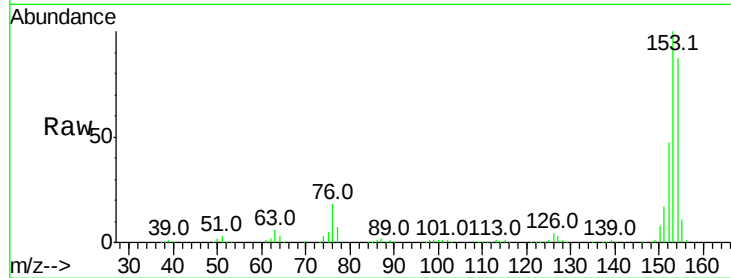
BNA_F

ClientSampleId :

ICVBF102317

Tot Ion:154 Resp: 432037

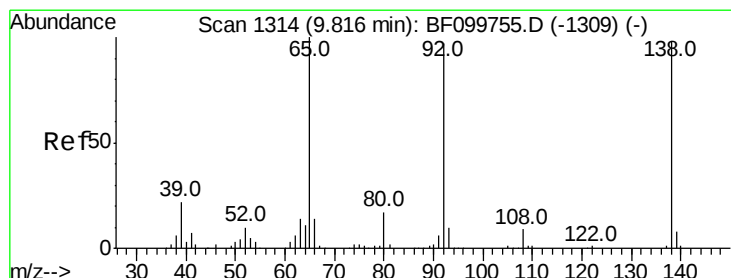
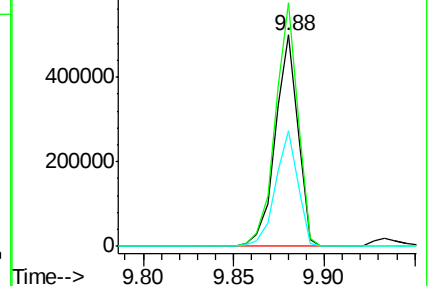
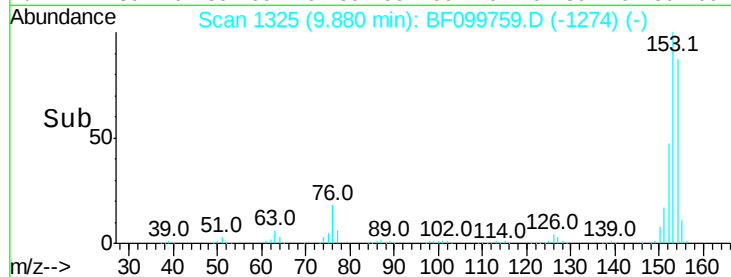
Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	54.6	43.8	65.8



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: 39.355 ng

RT: 9.82 min Scan# 1314

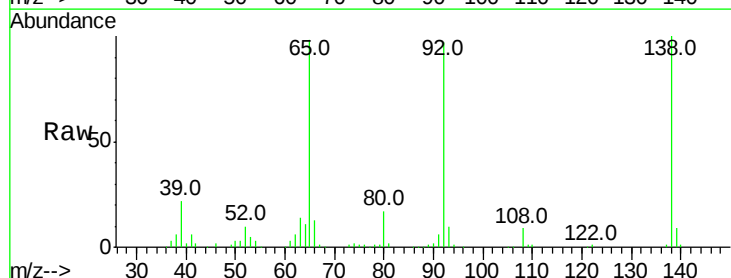
Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Tgt Ion:138 Resp: 140575

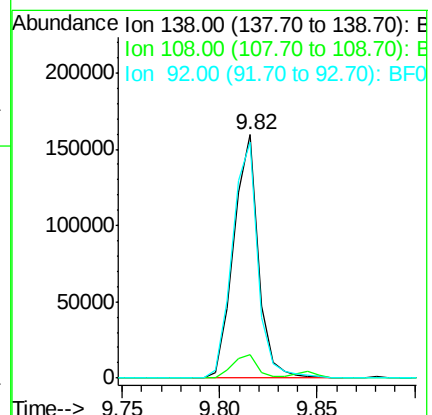
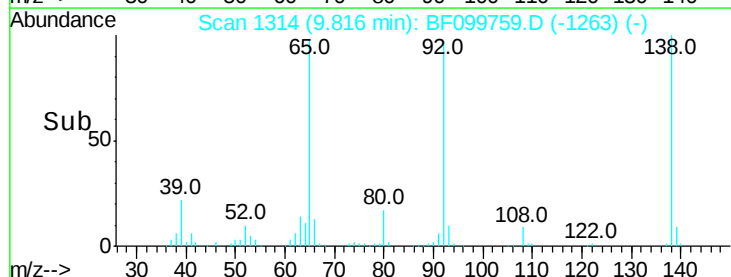
Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	96.9	89.4	134.2

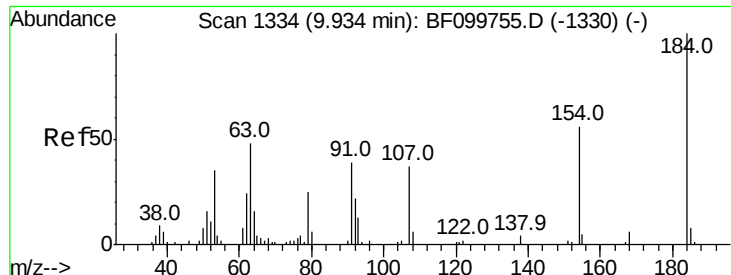


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

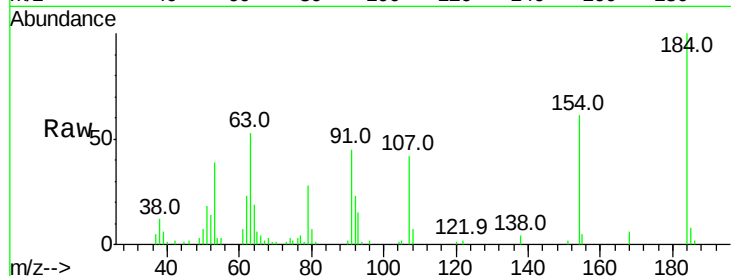




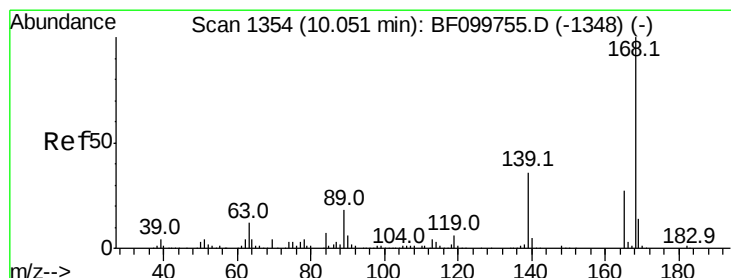
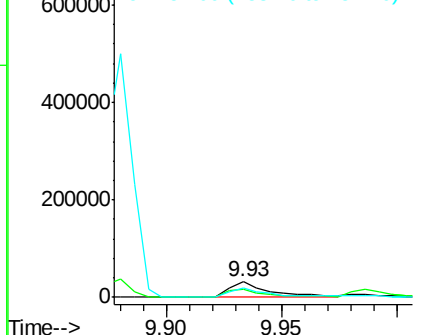
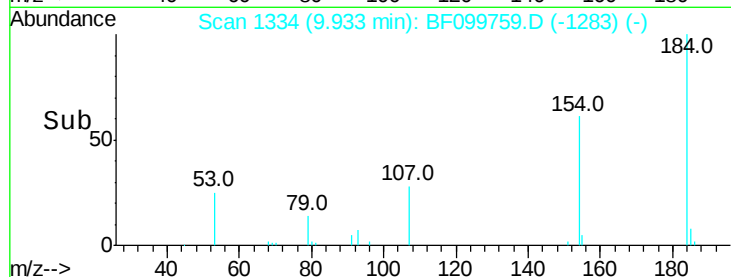
#53
 2,4-Dinitrophenol
 Concen: 35.884 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion:184 Resp: 38852
 Ion Ratio Lower Upper
 184 100
 63 53.5 54.2 81.2#
 154 61.2 53.5 80.3

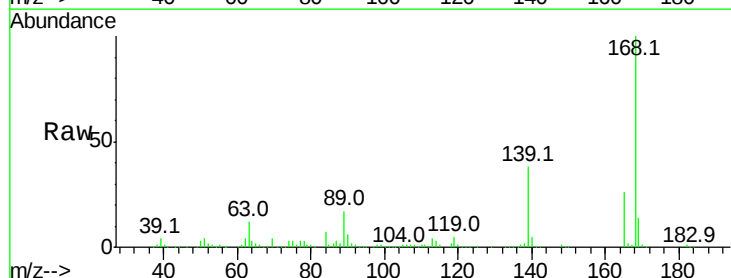


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

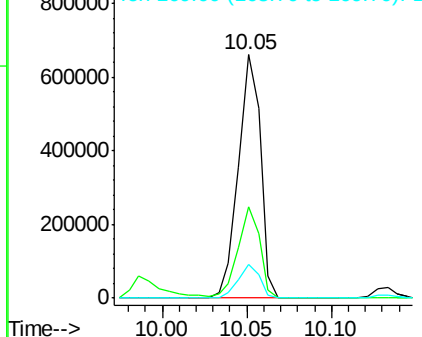
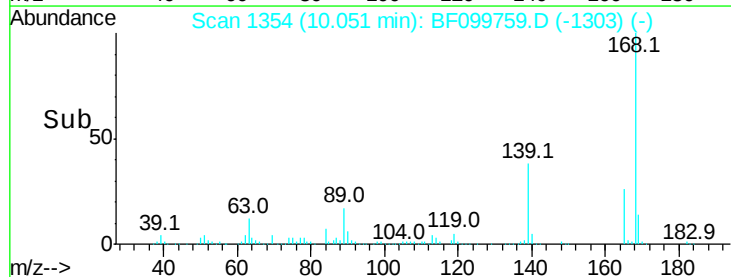


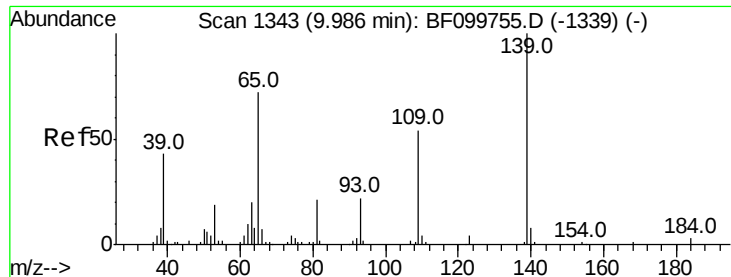
#54
 Dibenzofuran
 Concen: 38.033 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion:168 Resp: 604439
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.1 45.1
 169 13.7 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: 38.958 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

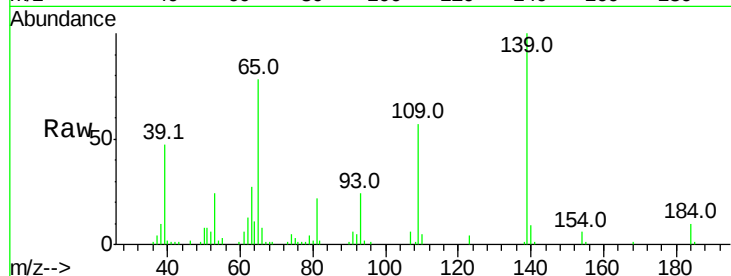
Tot Ion:139 Resp: 72711

Ion Ratio Lower Upper

139 100

109 57.1 48.4 88.4

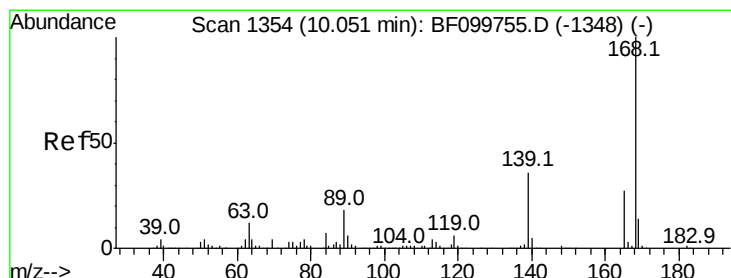
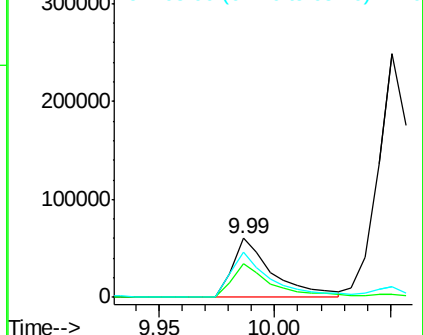
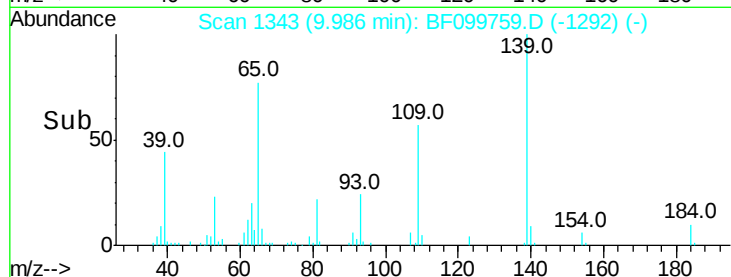
65 77.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.027 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Tgt Ion:165 Resp: 142482

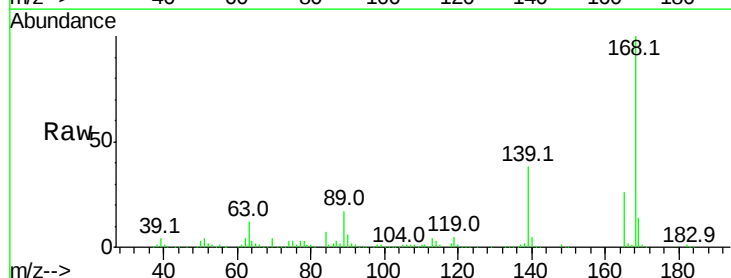
Ion Ratio Lower Upper

165 100

63 47.8 36.4 54.6

89 66.2 57.8 86.6

182 2.7 1.6 2.4#

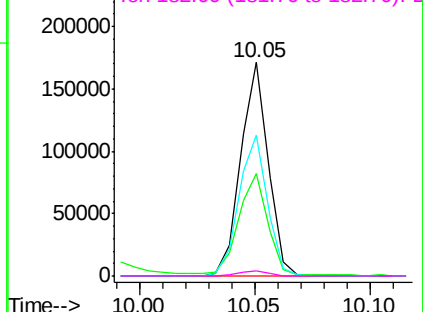
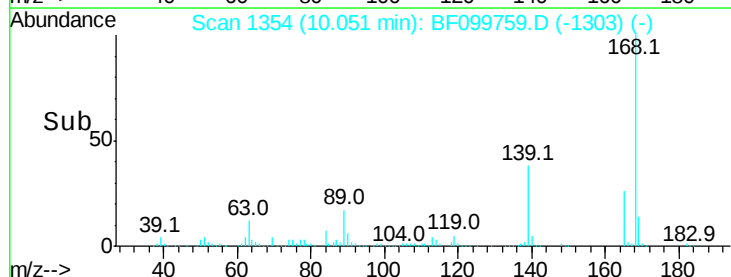


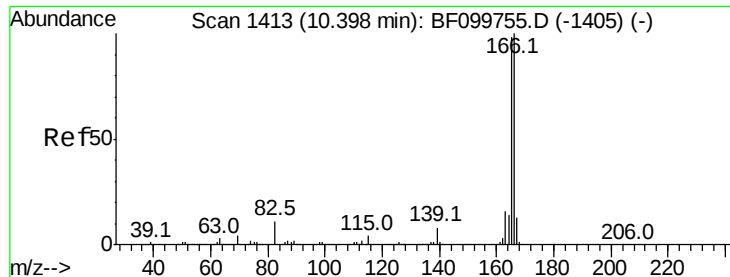
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

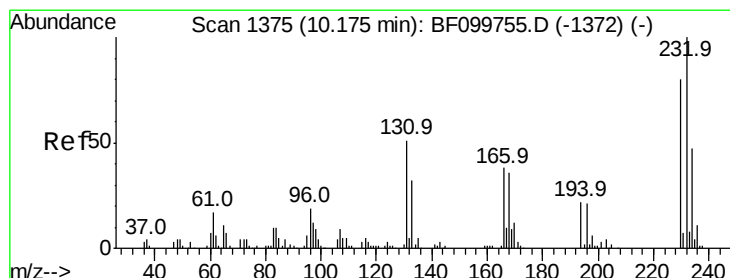
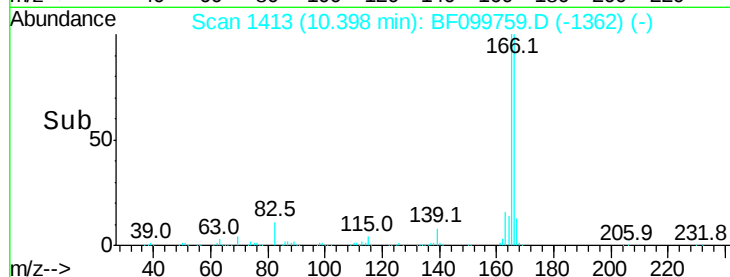
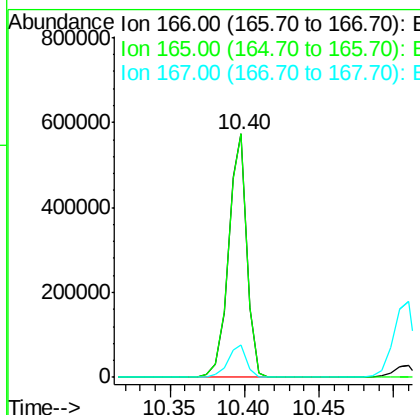
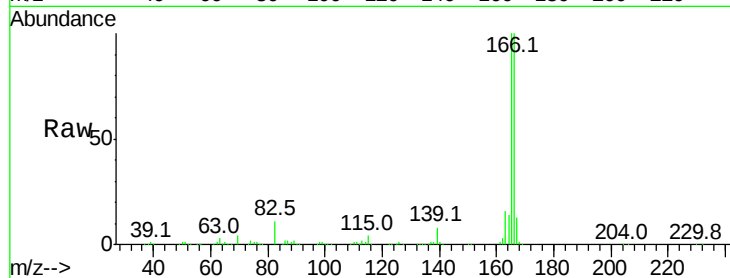




#57
 Fluorene
 Concen: 37.831 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

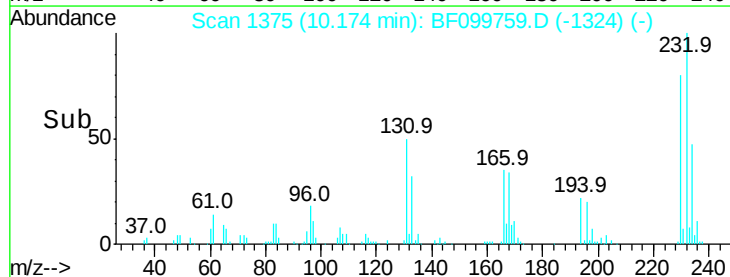
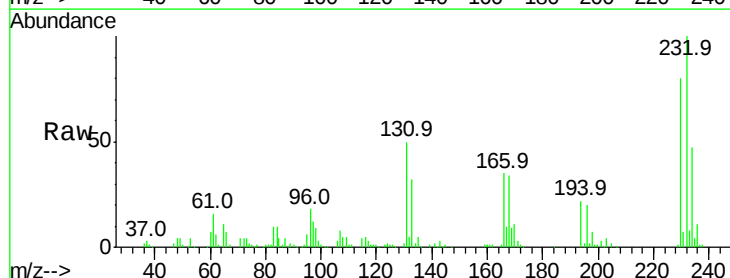
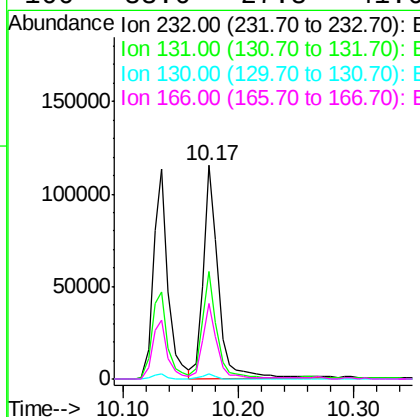
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

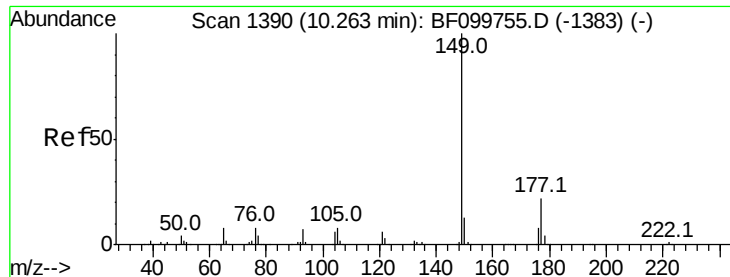
Tot Ion	166	Resp	497796
Ion Ratio	100		
Lower	79.8		
Upper	119.8		
165	100.2		
167	13.3		
	10.6		
	16.0		



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.429 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion	232	Resp	104364
Ion Ratio	100		
Lower	43.8		
Upper	65.8		
131	48.3		
130	2.1		
166	33.6		
	27.8		
	41.6		

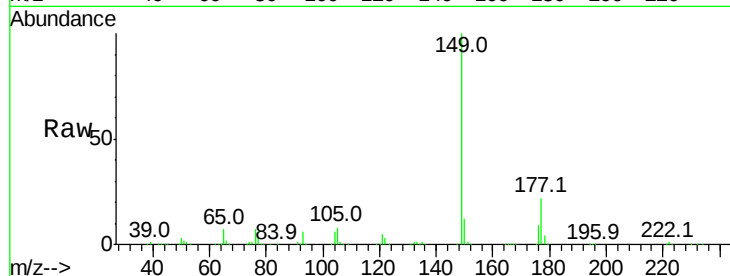




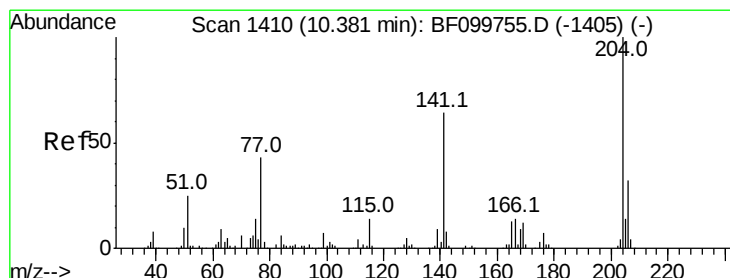
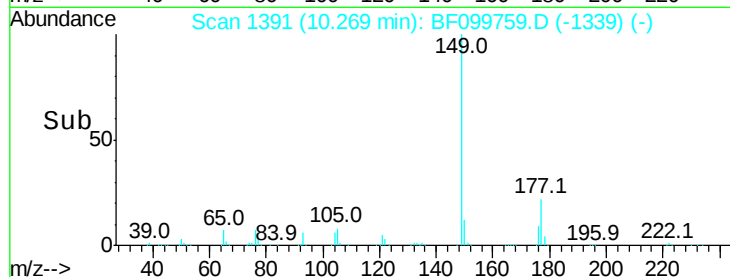
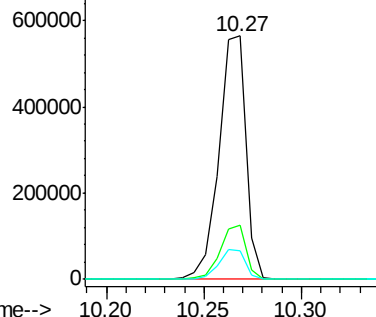
#59
Diethylphthalate
Concen: 38.453 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:149 Resp: 541498
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 11.9 10.1 15.1

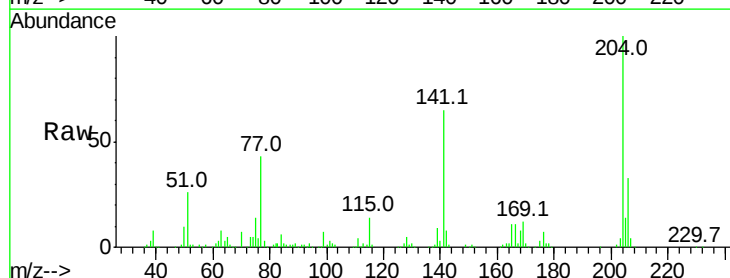


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

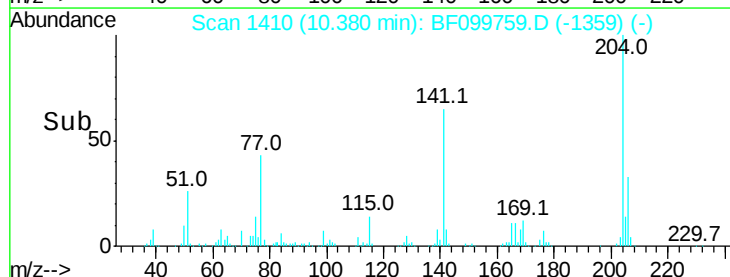
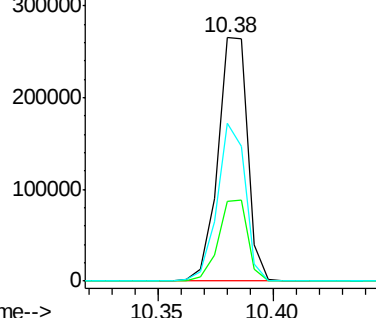


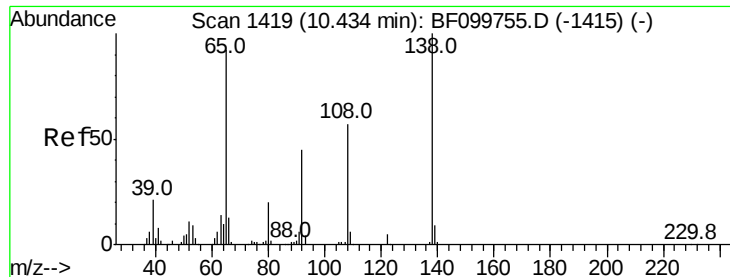
#60
4-Chlorophenyl-phenylether
Concen: 38.566 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:204 Resp: 238829
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.7 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

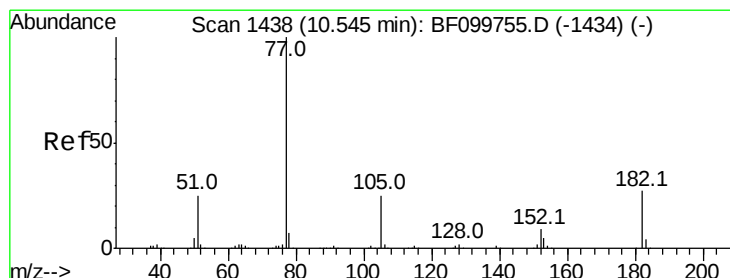
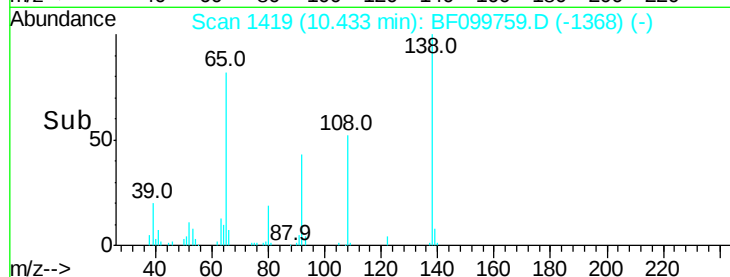
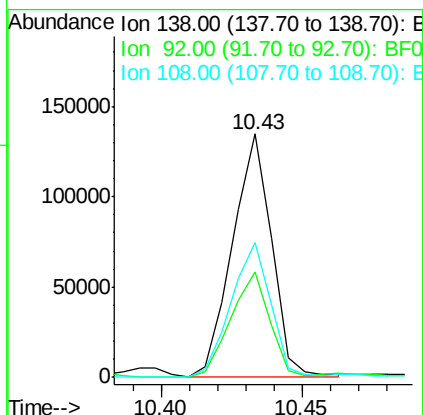
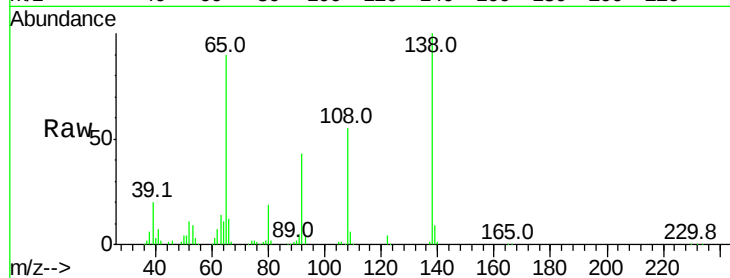




#61
4-Nitroaniline
Concen: 38.228 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

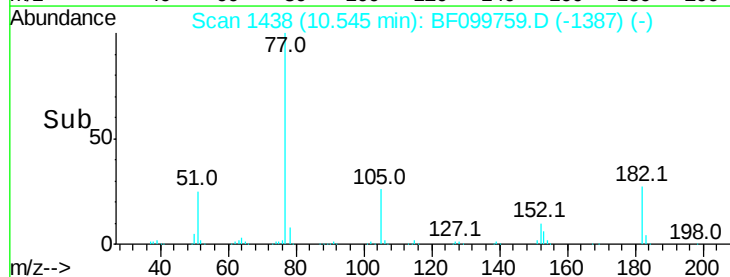
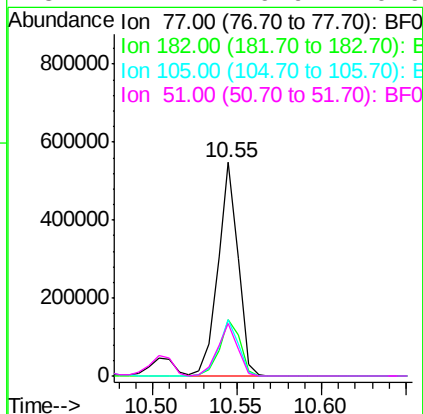
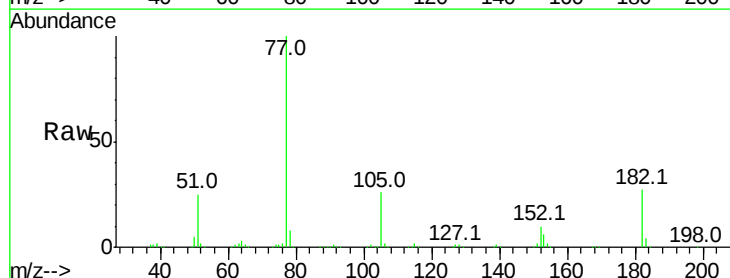
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

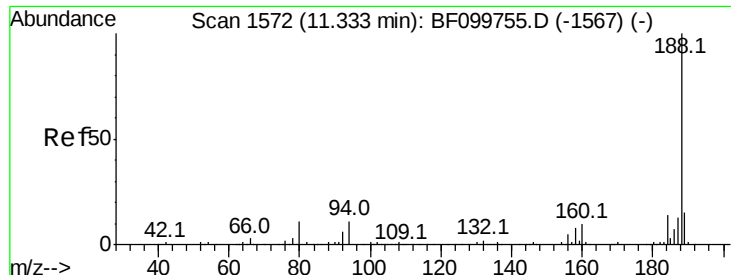
Tot Ion:138 Resp: 130277
Ion Ratio Lower Upper
138 100
92 43.4 30.2 70.2
108 55.5 52.5 92.5



#62
Azobenzene
Concen: 38.379 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion: 77 Resp: 453055
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 26.1 3.0 43.0
51 24.7 9.9 49.9

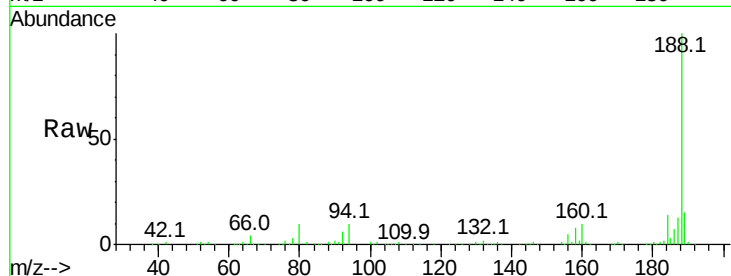




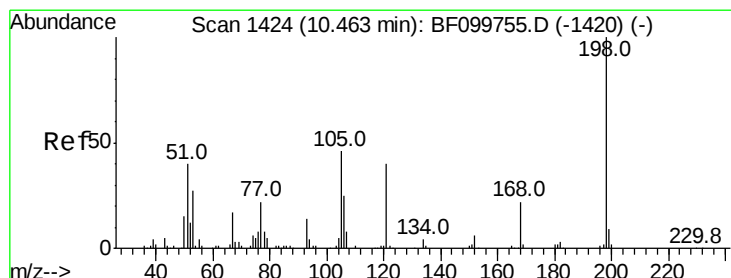
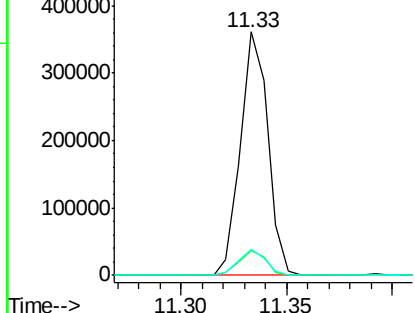
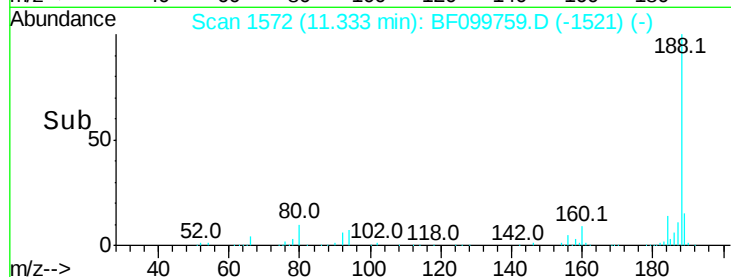
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion:188 Resp: 324072
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.5 9.2 13.8

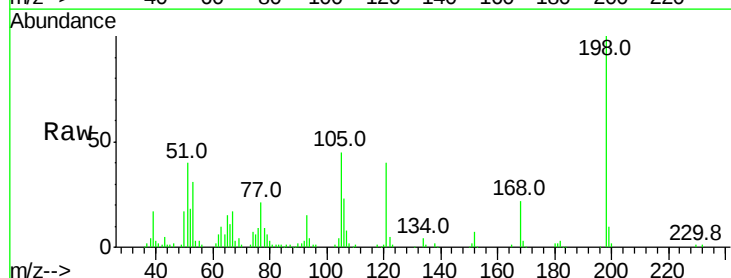


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

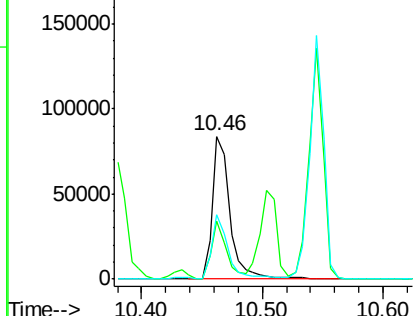
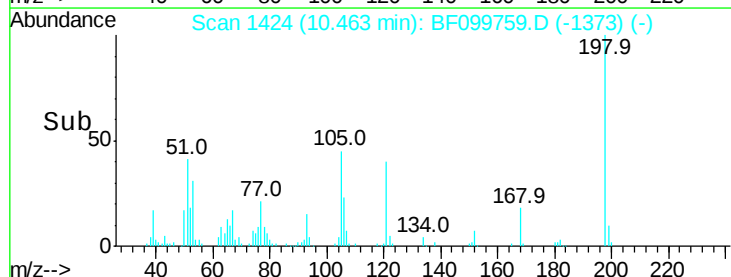


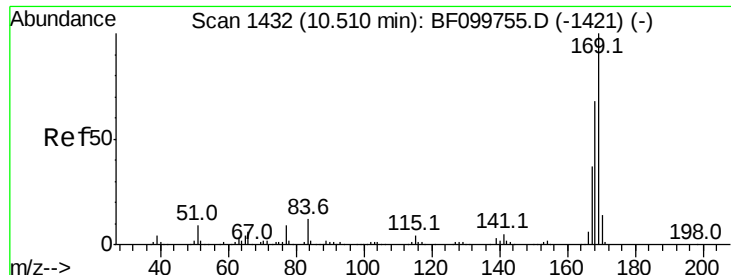
#64
4,6-Dinitro-2-methylphenol
Concen: 41.112 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:198 Resp: 83751
Ion Ratio Lower Upper
198 100
51 40.4 37.7 77.7
105 44.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

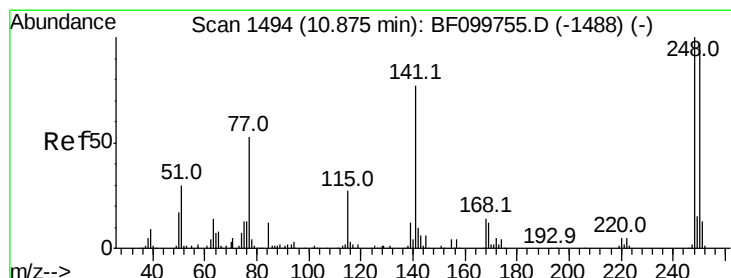
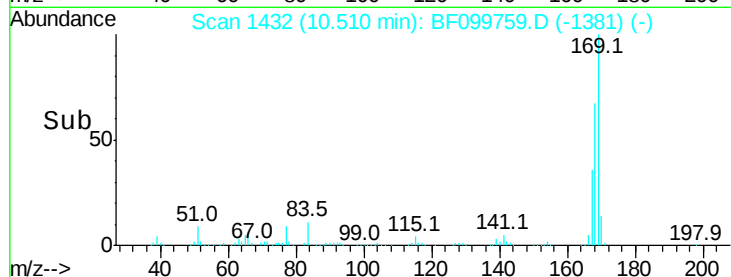
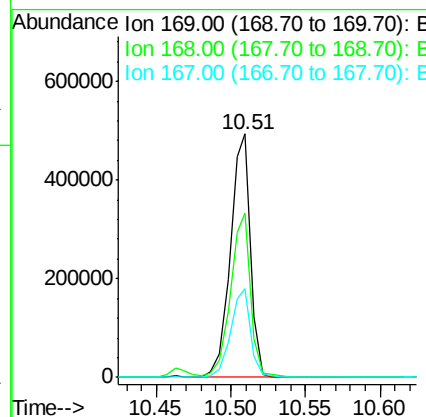
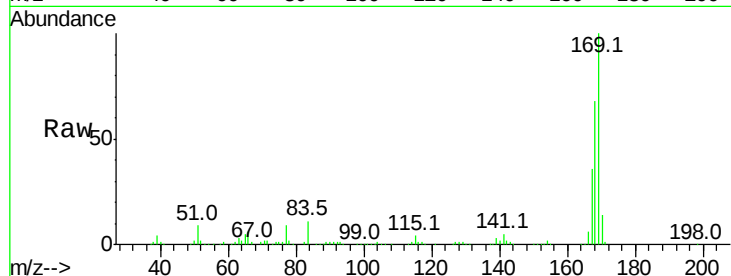




#65
 n-Nitrosodiphenylamine
 Concen: 39.349 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

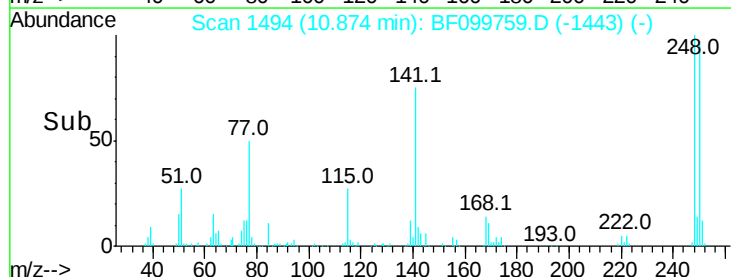
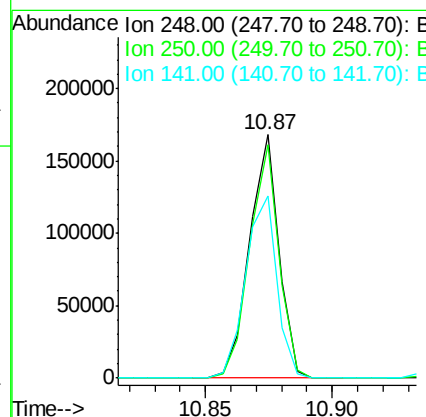
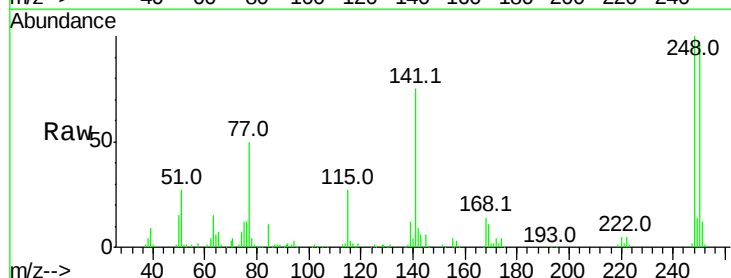
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.811 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	74.7	74.4	111.6

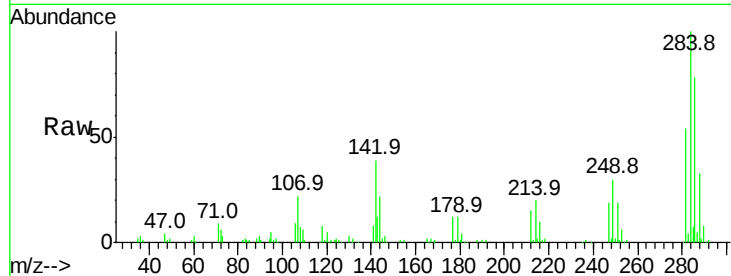




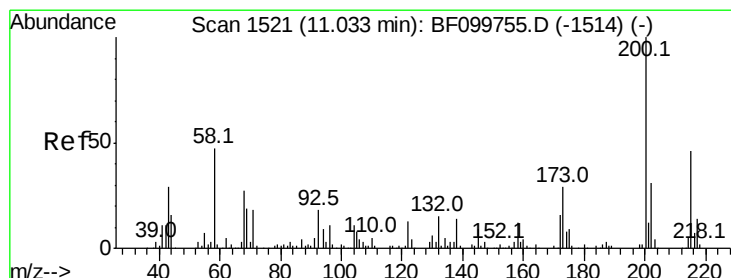
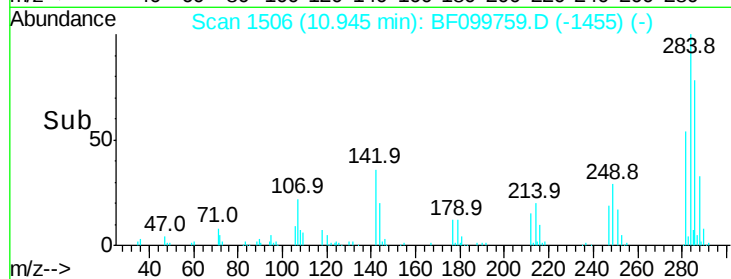
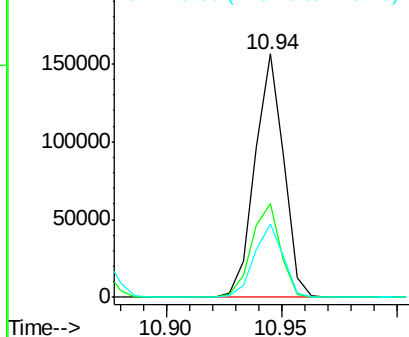
#67
Hexachlorobenzene
Concen: 38.938 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Instrument :
BNA_F
ClientSampleId :
ICVBF102317

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.7	34.6	52.0
249	30.3	24.8	37.2

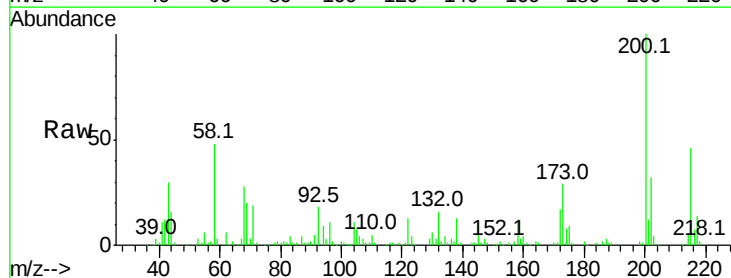


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

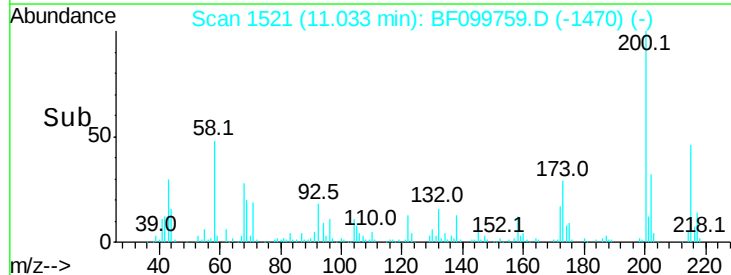
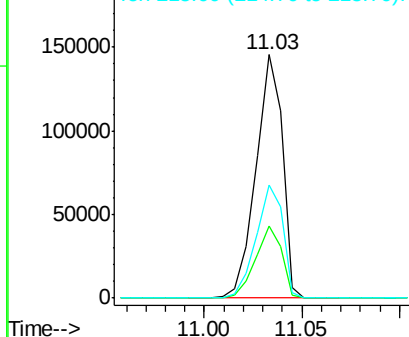


#68
Atrazine
Concen: 38.084 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	46.2	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

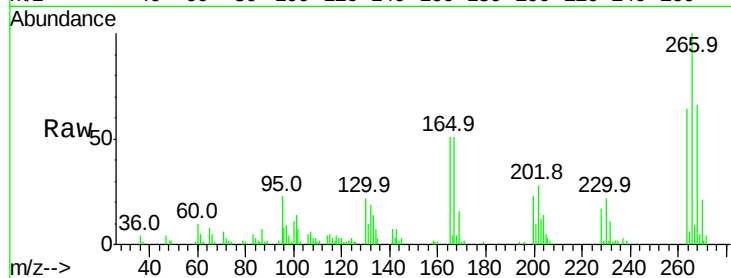




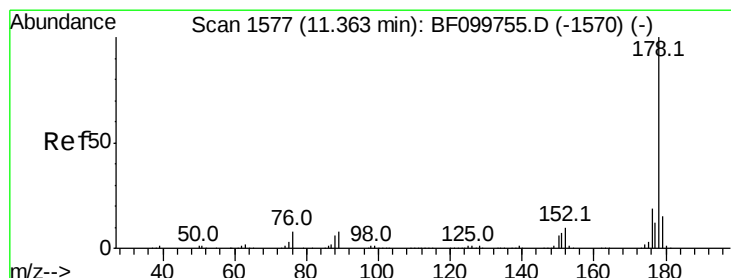
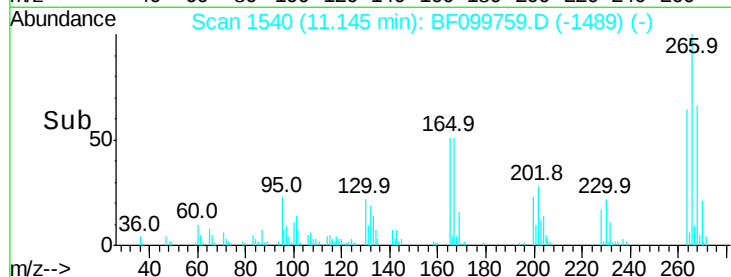
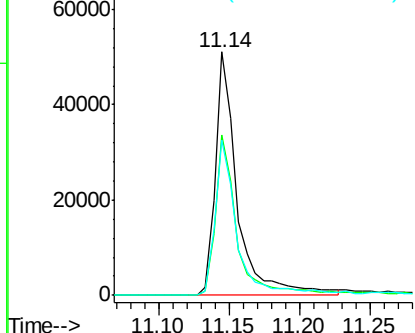
#69
 Pentachlorophenol
 Concen: 37.154 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion:266 Resp: 55412
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 63.9 49.5 74.3

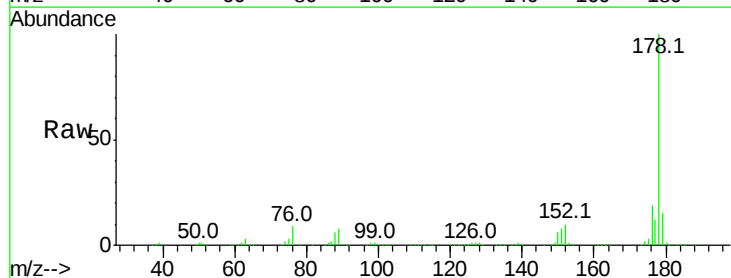


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

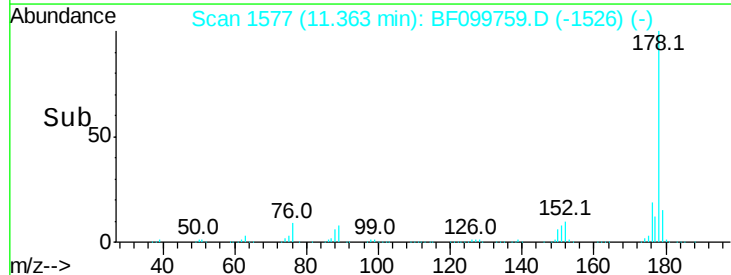
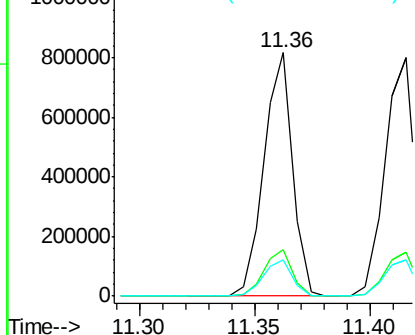


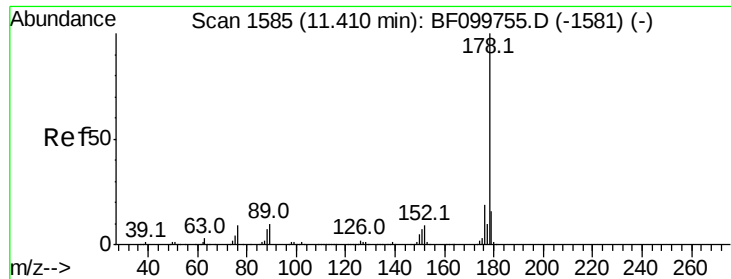
#70
 Phenanthrene
 Concen: 38.461 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion:178 Resp: 703415
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 14.9 13.0 19.6



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

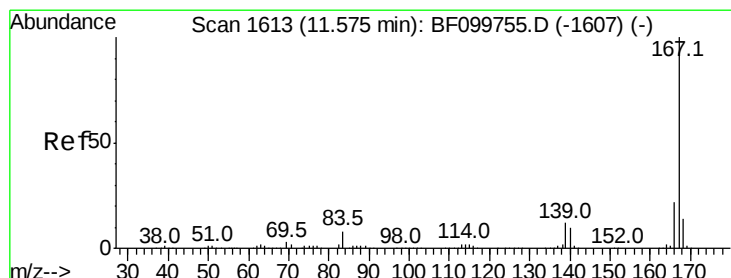
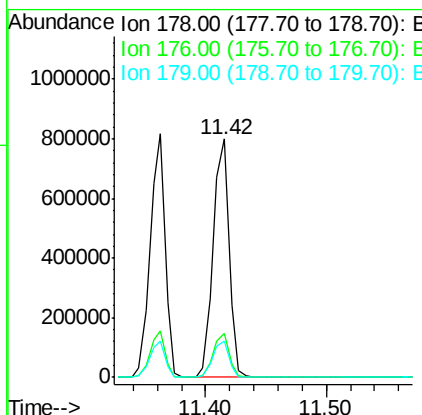
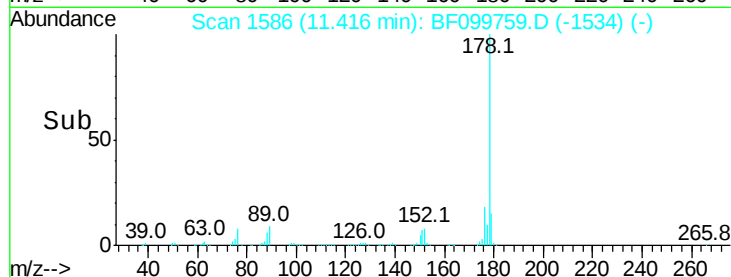
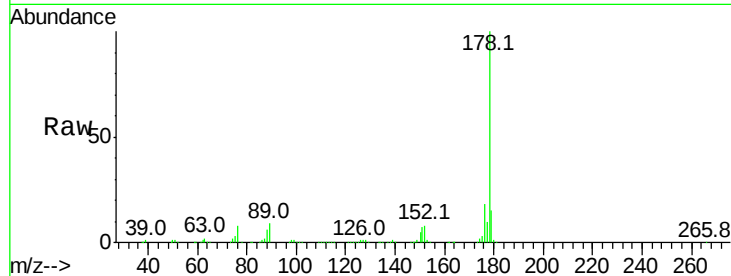




#71
 Anthracene
 Concen: 38.984 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

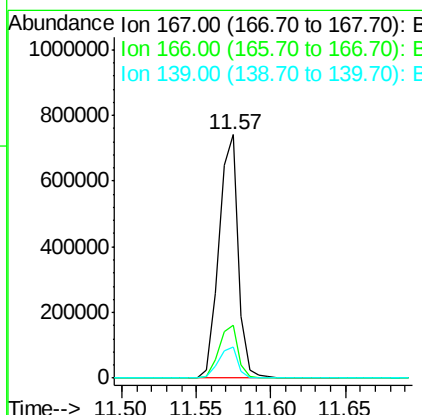
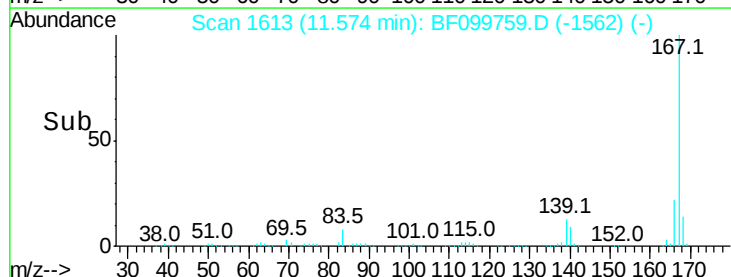
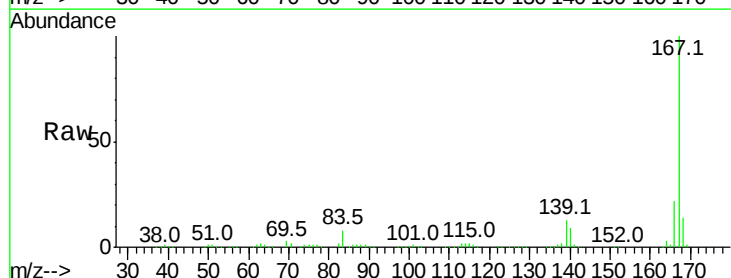
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102317

Tot Ion:178 Resp: 723703
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 38.645 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF099759.D
 Acq: 23 Oct 2017 14:58

Tgt Ion:167 Resp: 674651
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.841 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

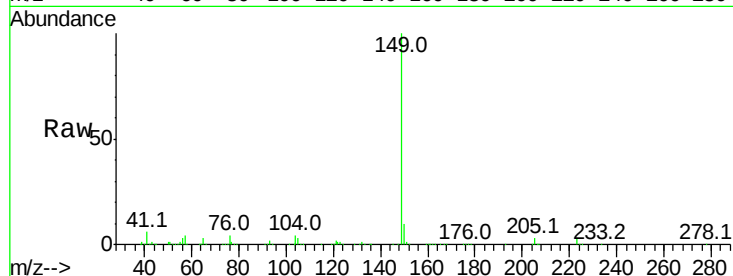
Tot Ion:149 Resp: 864859

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

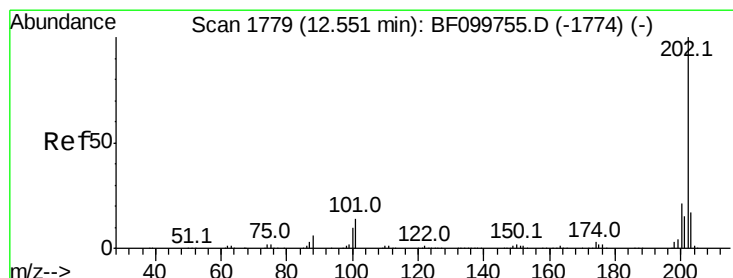
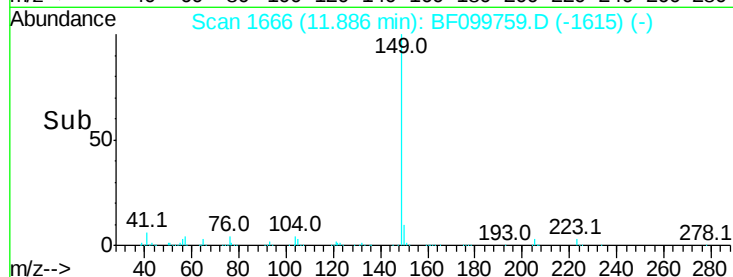
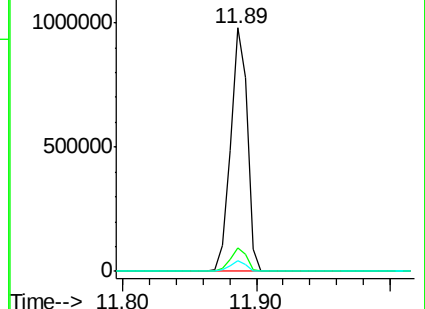
104 4.2 3.8 5.8



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: 38.663 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

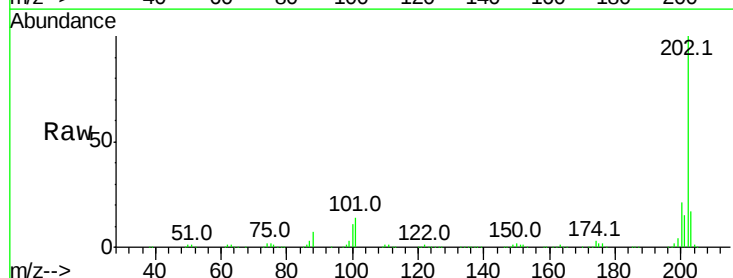
Tgt Ion:202 Resp: 734845

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

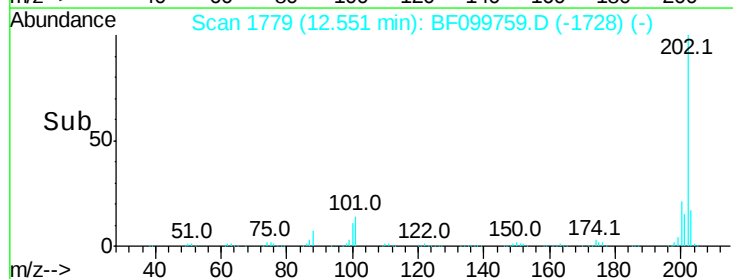
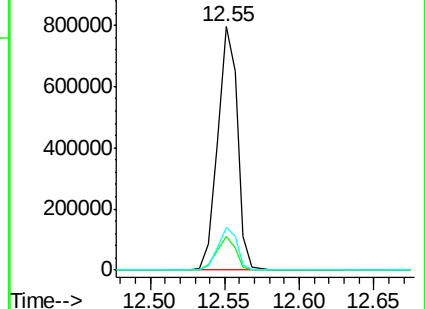
203 17.3 0.0 38.1

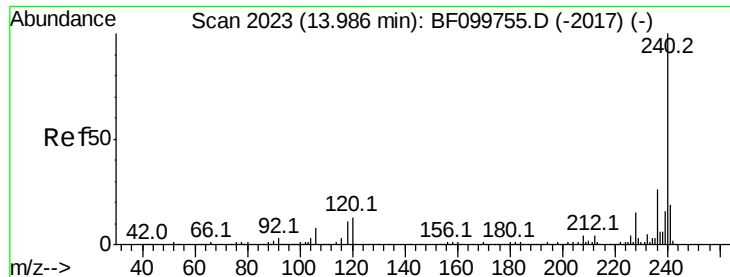


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

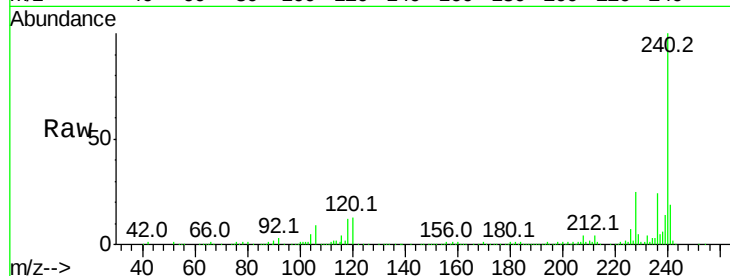
Tot Ion:240 Resp: 252423

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

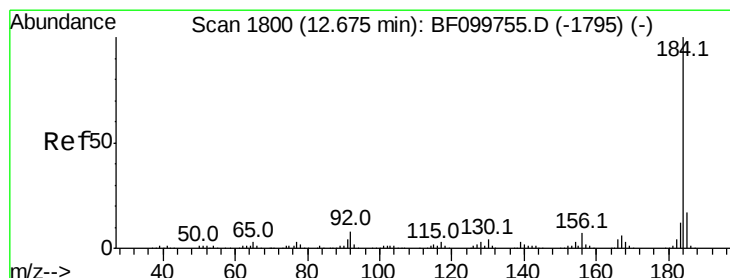
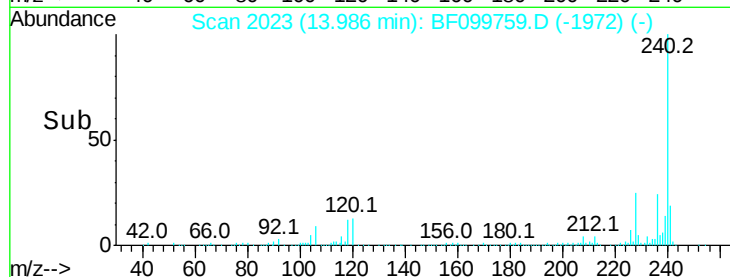
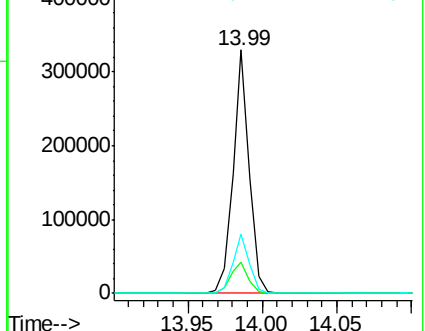
236 24.3 20.7 31.1



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: 38.001 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

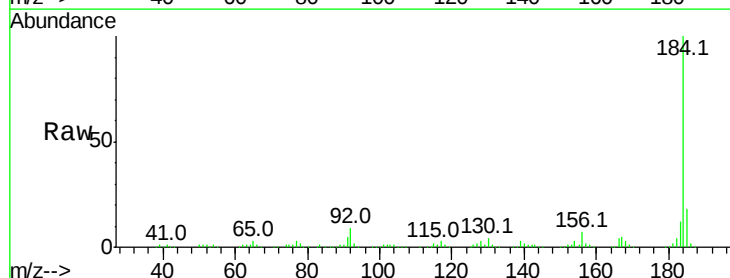
Tgt Ion:184 Resp: 419734

Ion Ratio Lower Upper

184 100

185 18.2 12.6 18.8

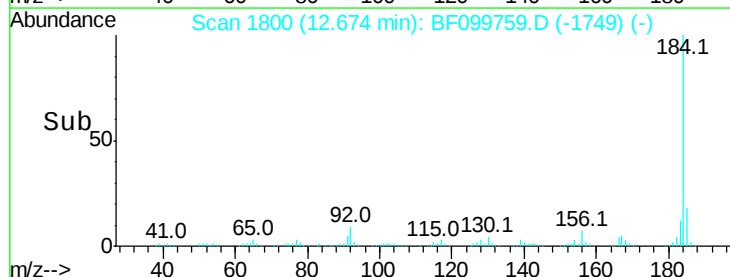
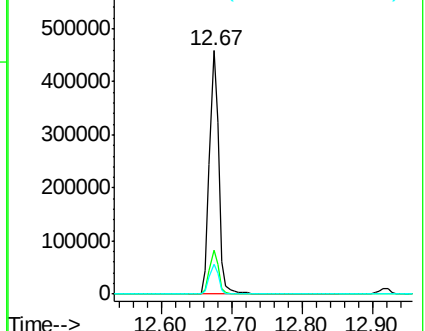
183 12.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

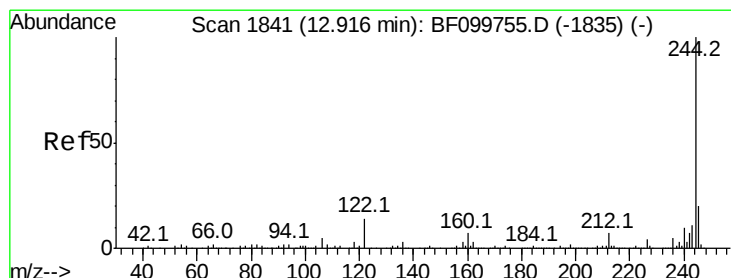
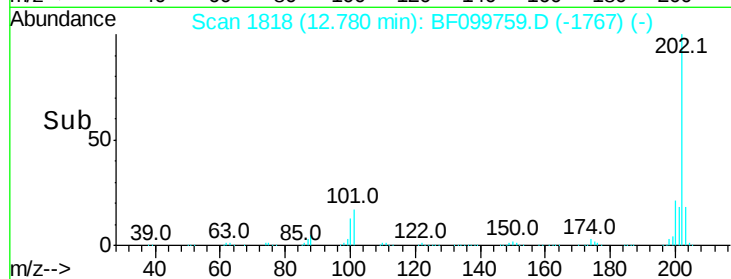
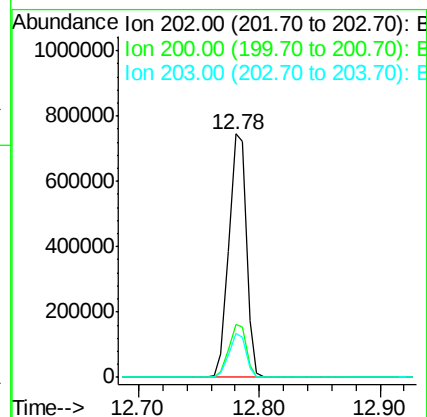
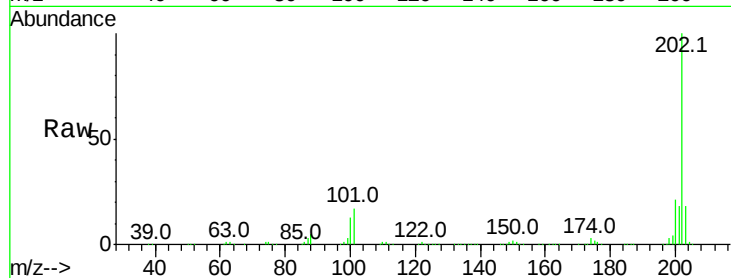




#77
Pvrene
Concen: 39.046 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

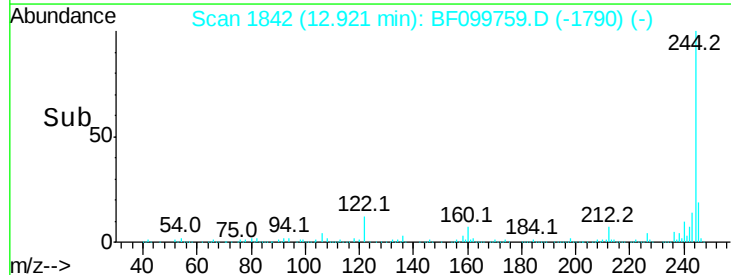
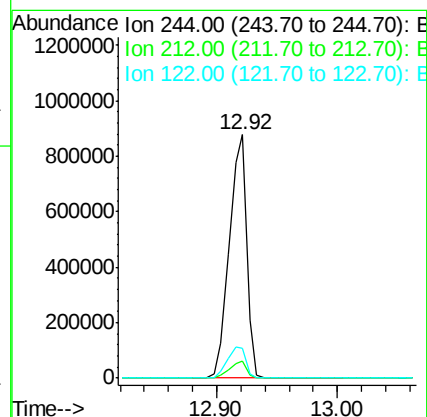
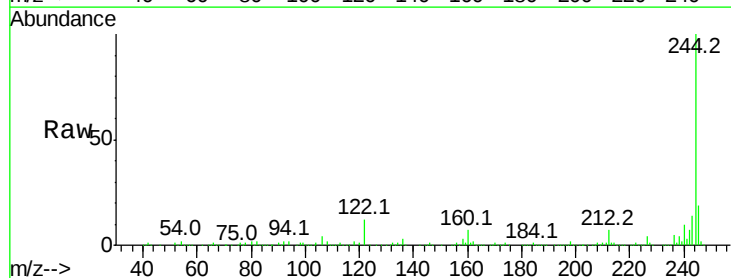
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

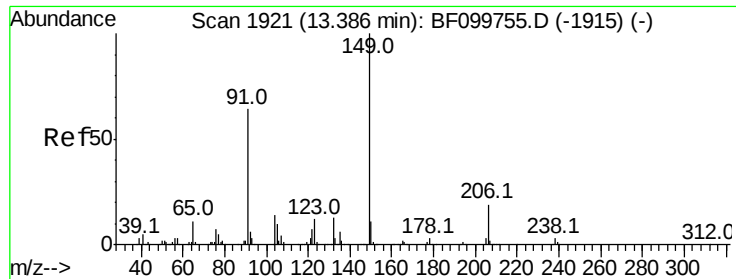
Tot Ion:202 Resp: 749456
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 75.455 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:244 Resp: 871543
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.0 11.0 16.4

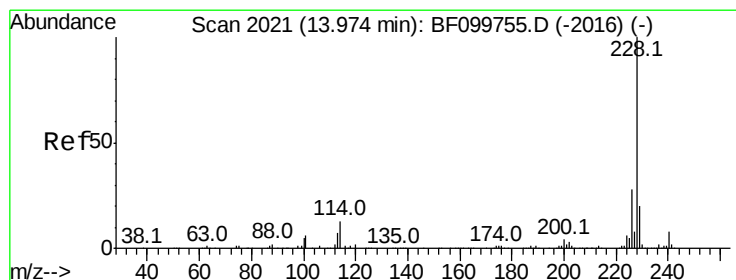
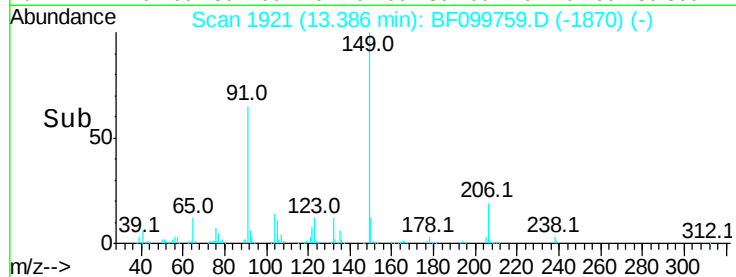
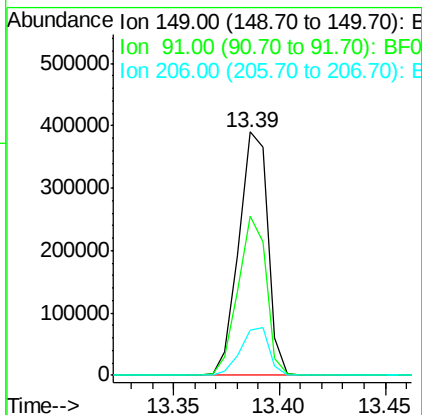
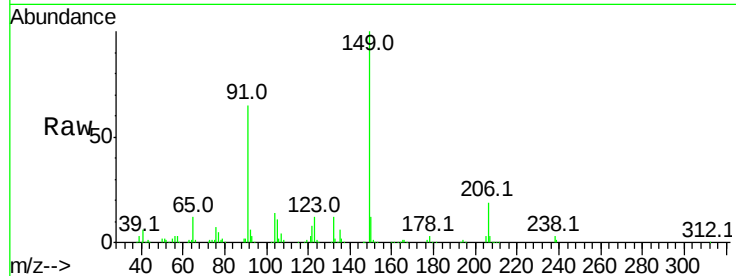




#79
Butylbenzylphthalate
Concen: 39.304 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

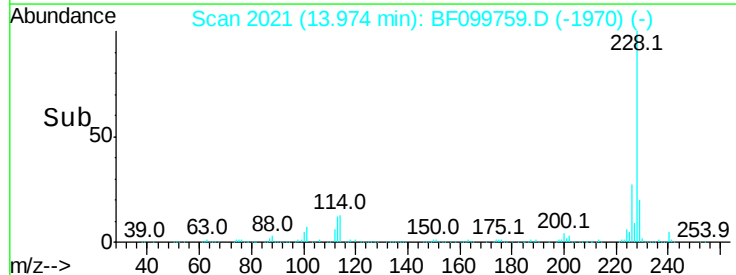
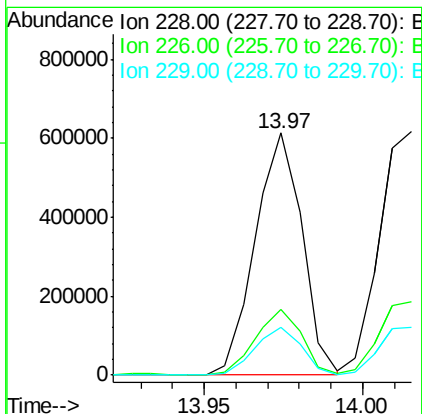
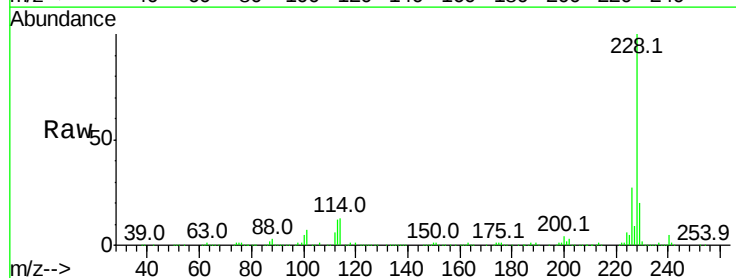
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

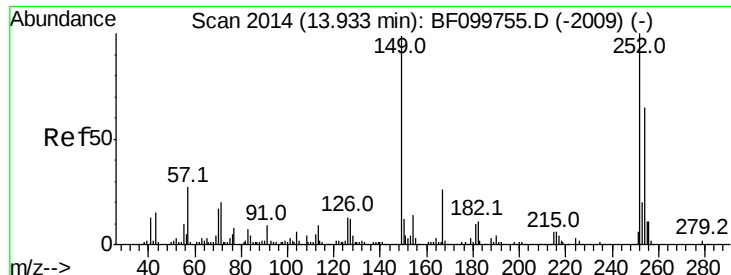
Tot Ion:149 Resp: 371495
Ion Ratio Lower Upper
149 100
91 65.2 56.8 85.2
206 18.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.351 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:228 Resp: 629684
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 15.8 23.6

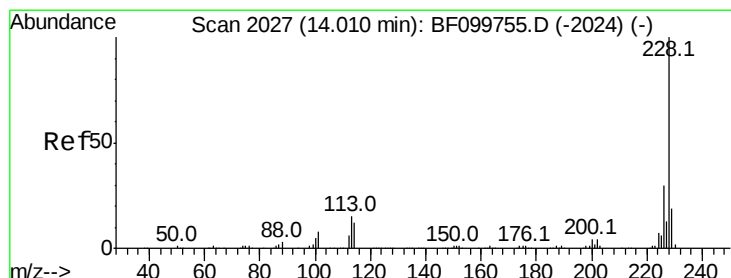
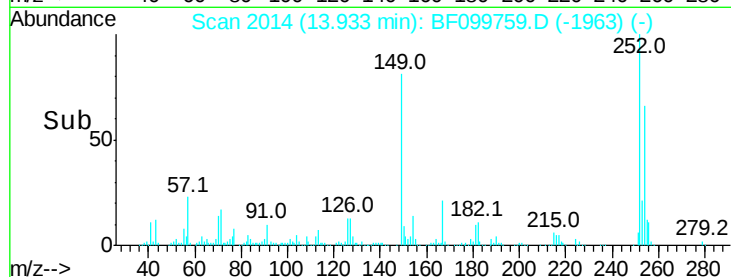
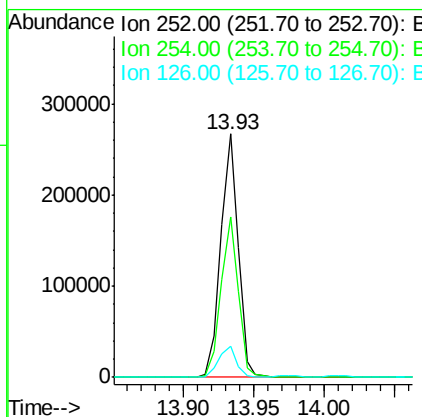
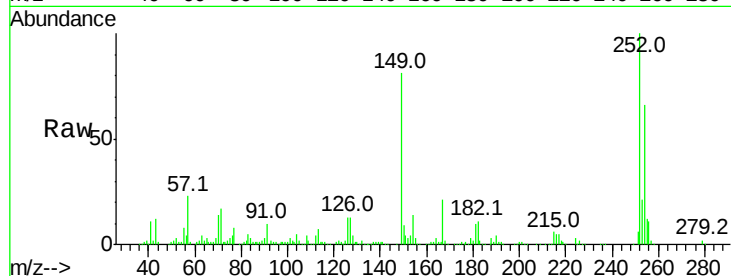




#81
3,3'-Dichlorobenzidine
Concen: 39.675 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

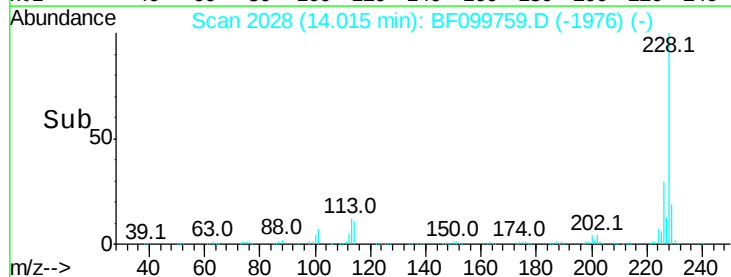
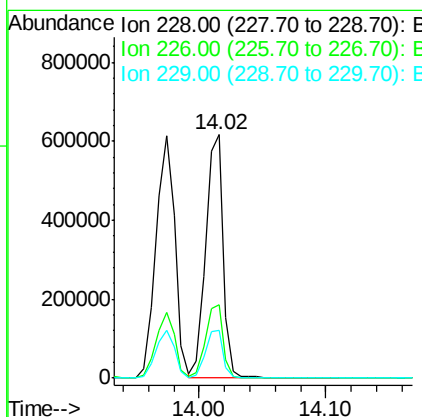
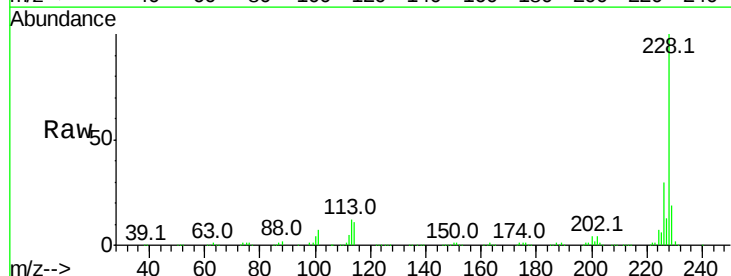
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

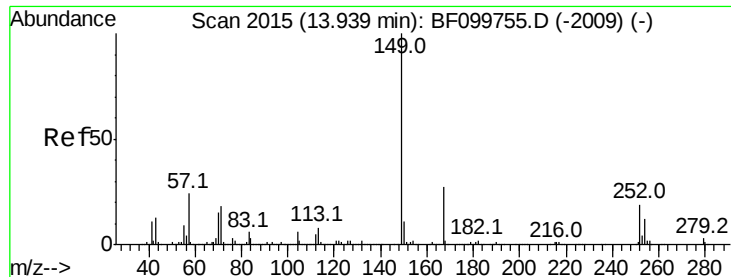
Tot Ion:252 Resp: 230459
Ion Ratio Lower Upper
252 100
254 66.0 50.4 75.6
126 12.8 11.3 16.9



#82
Chrysene
Concen: 39.327 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:228 Resp: 591628
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.6
229 19.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.366 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

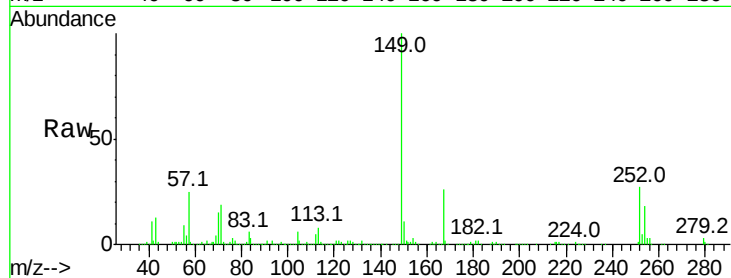
Tot Ion:149 Resp: 509240

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

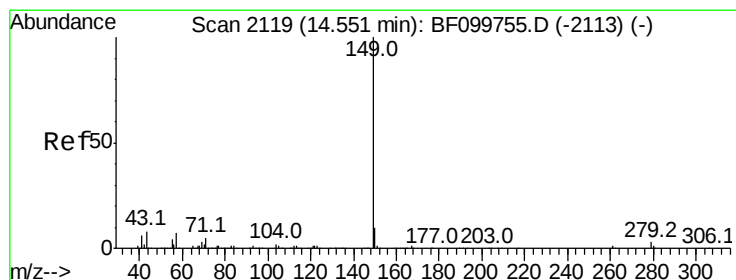
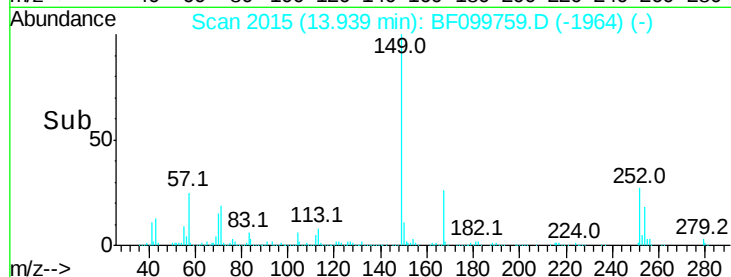
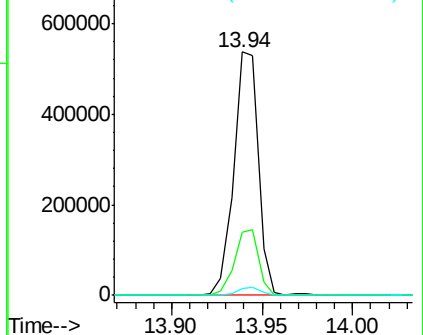
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.351 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

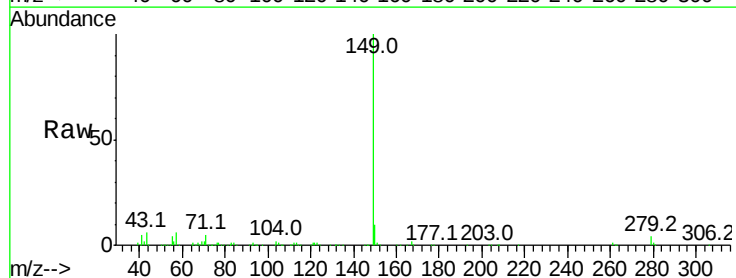
Tgt Ion:149 Resp: 896488

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

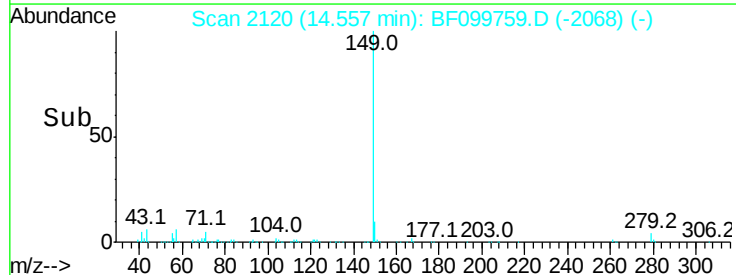
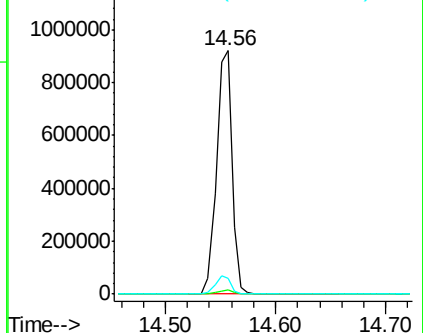
43 7.6 8.4 12.6#

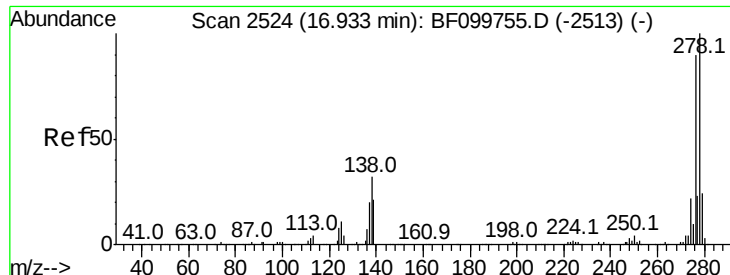


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

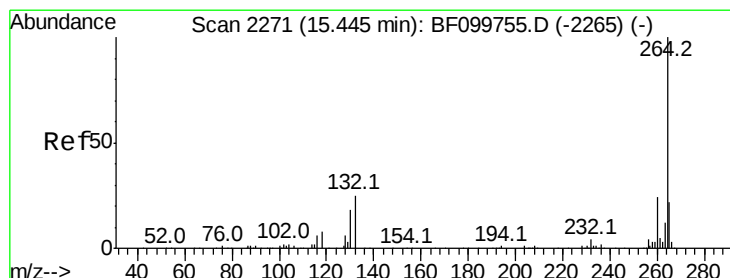
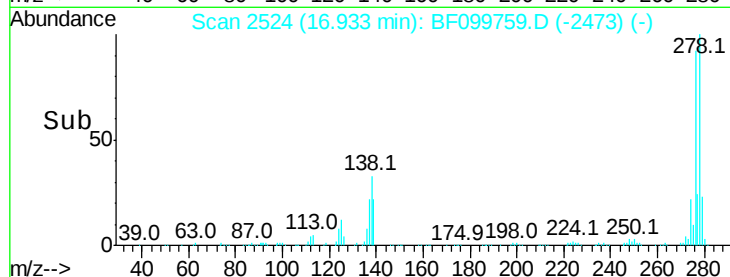
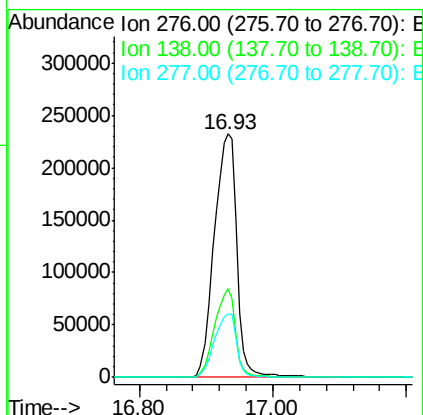
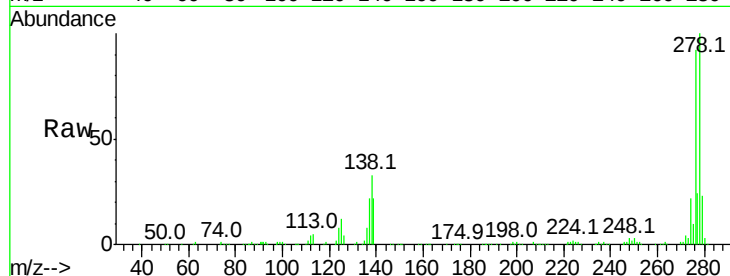




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.211 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

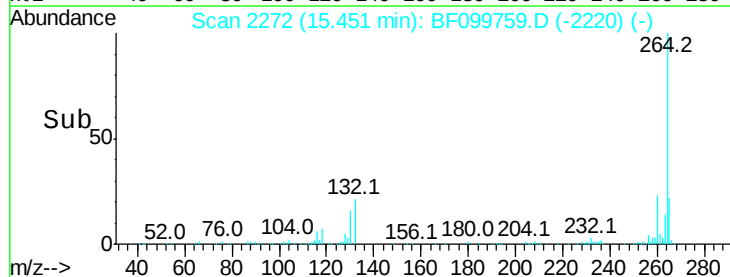
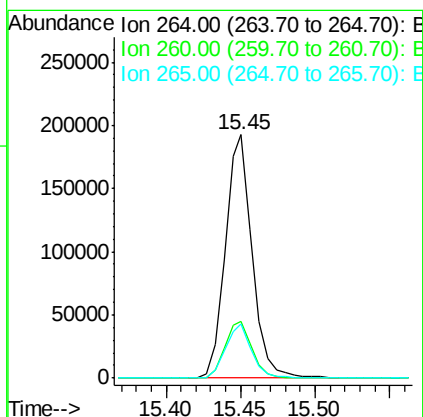
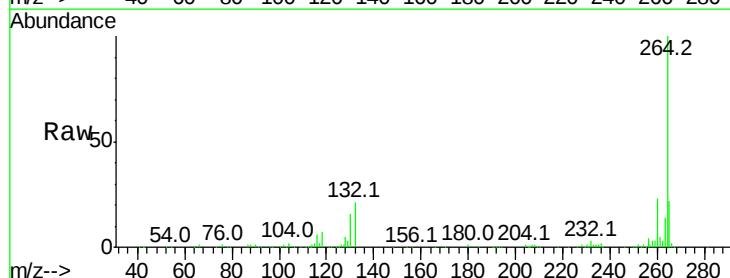
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

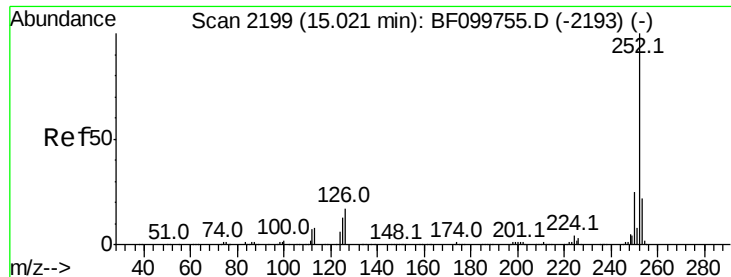
Tot Ion:276 Resp: 555332
Ion Ratio Lower Upper
276 100
138 33.6 25.0 37.6
277 25.6 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:264 Resp: 242113
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 39.511 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

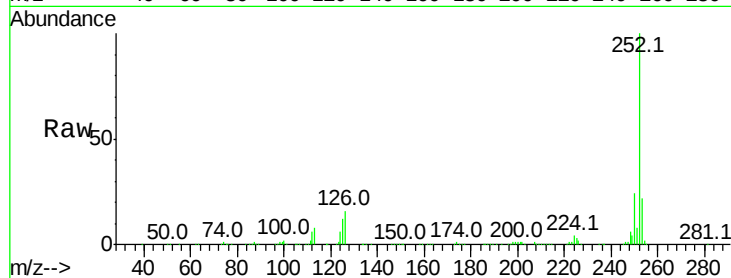
Tot Ion:252 Resp: 604051

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

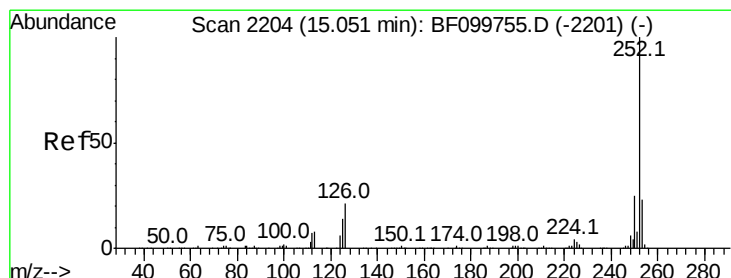
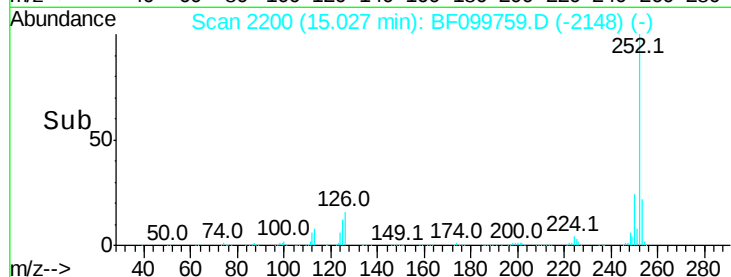
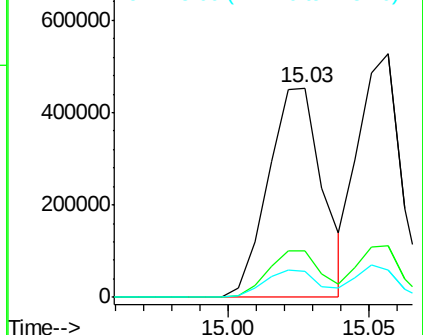
125 12.3 9.0 13.6



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: 38.494 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

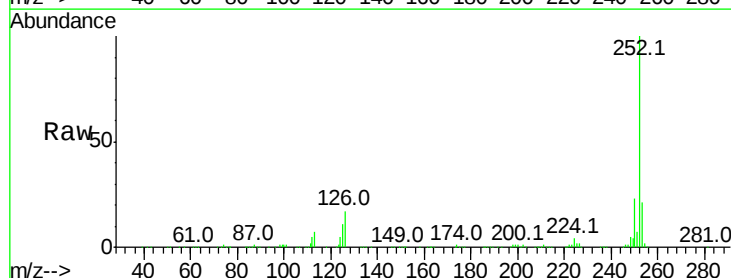
Tgt Ion:252 Resp: 554950

Ion Ratio Lower Upper

252 100

253 21.0 17.9 26.9

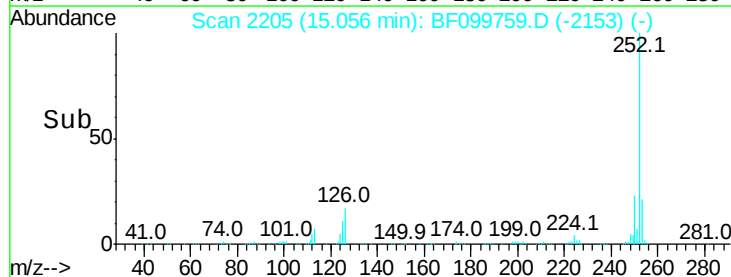
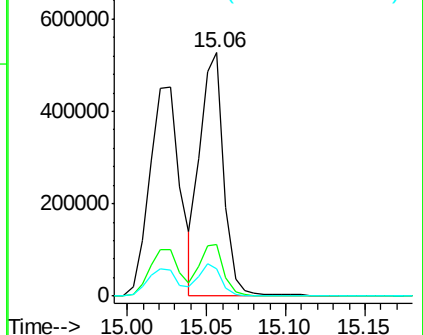
125 11.4 10.2 15.2



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

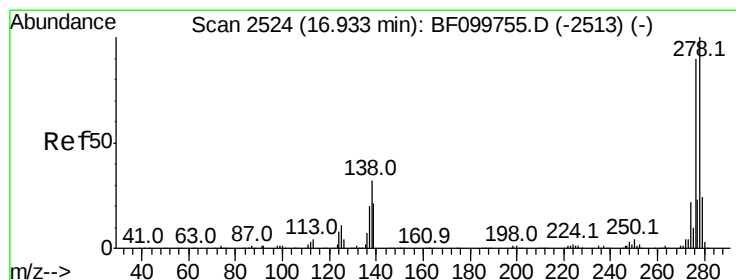
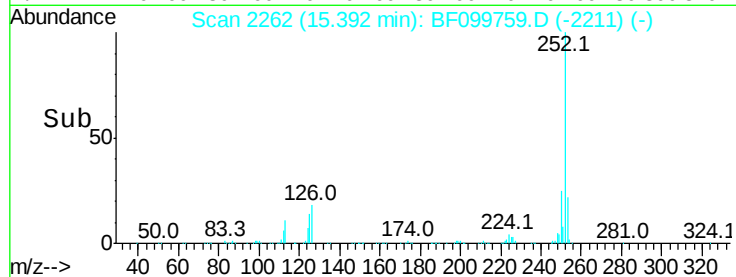
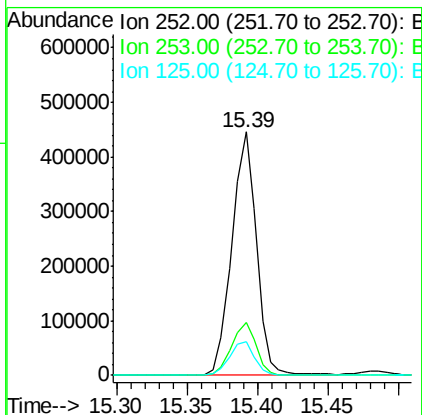
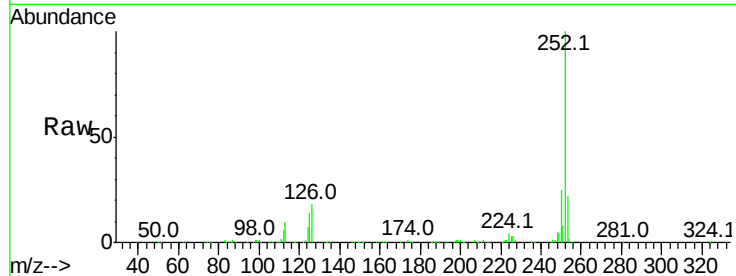




#89
Benzo(a)pyrene
Concen: 39.594 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

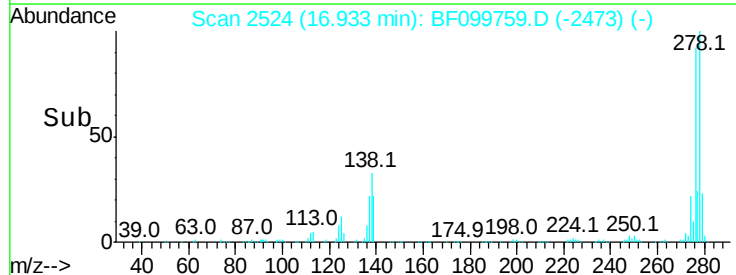
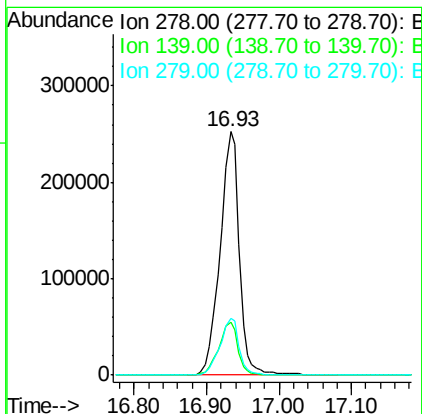
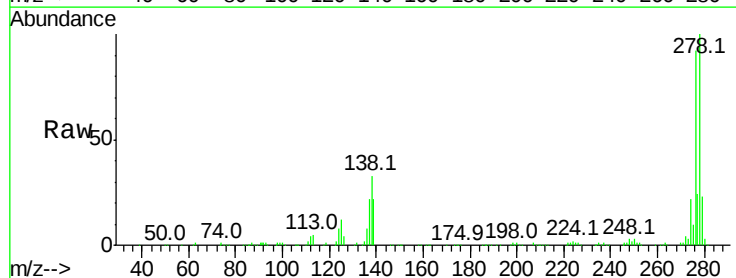
Instrument :
BNA_F
ClientSampleId :
ICVBF102317

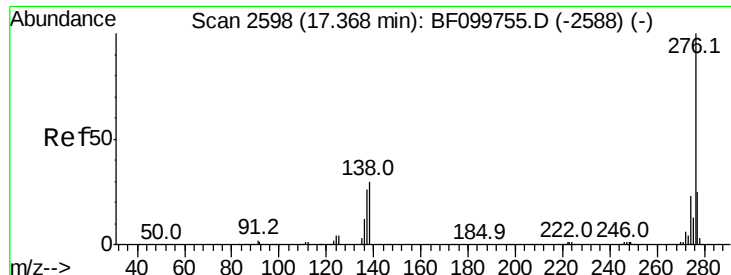
Tot Ion:252 Resp: 543748
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.401 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF099759.D
Acq: 23 Oct 2017 14:58

Tgt Ion:278 Resp: 468601
Ion Ratio Lower Upper
278 100
139 21.7 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.370 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF099759.D

Acq: 23 Oct 2017 14:58

Instrument :

BNA_F

ClientSampleId :

ICVBF102317

Tot Ion: 276 Resp: 458083

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 28.3 21.8 32.8

