

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099617.D
 Acq On : 18 Oct 2017 15:05
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 18 15:49:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87977	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	361764	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	157043	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	231526	20.00	ng	0.00
75) Chrysene-d12	13.99	240	157991	20.00	ng	0.00
86) Perylene-d12	15.46	264	188586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	486150	87.97	ng	0.00
7) Phenol-d6	6.47	99	572917	84.03	ng	0.00
23) Nitrobenzene-d5	7.40	82	462435	81.98	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	101020	78.61	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	849254	90.28	ng	0.00
78) Terphenyl-d14	12.93	244	586253	84.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	106475	40.332	ng	92
3) Pyridine	3.34	79	270793	37.918	ng	93
4) n-Nitrosodimethylamine	3.30	42	100082	33.048	ng	# 77
6) Aniline	6.50	93	357286	38.829	ng	97
8) 2-Chlorophenol	6.62	128	270206	43.174	ng	91
9) Benzaldehyde	6.39	77	139495	35.273	ng	90
10) Phenol	6.49	94	330960	43.406	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	245429	41.405	ng	95
12) 1,3-Dichlorobenzene	6.77	146	283867	43.309	ng	97
13) 1,4-Dichlorobenzene	6.85	146	288517	43.264	ng	99
14) 1,2-Dichlorobenzene	7.00	146	267093	43.346	ng	98
15) Benzyl Alcohol	6.97	79	180235	36.037	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	314342	34.038	ng	83
17) 2-Methylphenol	7.09	107	208666	40.748	ng	95
18) Hexachloroethane	7.33	117	97223	40.560	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	154772	35.557	ng	90
20) 3+4-Methylphenols	7.25	107	252499	38.976	ng	# 70
22) Acetophenone	7.25	105	340219	38.816	ng	# 98
24) Nitrobenzene	7.42	77	256341	40.059	ng	96
25) Isophorone	7.65	82	458584	39.320	ng	99
26) 2-Nitrophenol	7.73	139	146921	47.745	ng	# 83
27) 2,4-Dimethylphenol	7.77	122	228846	39.380	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	299156	41.160	ng	99
29) 2,4-Dichlorophenol	7.97	162	219540	44.001	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	218035	43.692	ng	99
31) Naphthalene	8.13	128	714762	42.068	ng	100
32) Benzoic acid	7.90	122	136232	28.539	ng	95
33) 4-Chloroaniline	8.19	127	296611	41.804	ng	96
34) Hexachlorobutadiene	8.24	225	110211	42.878	ng	97
35) Caprolactam	8.57	113	63131	39.445	ng	# 77
36) 4-Chloro-3-methylphenol	8.67	107	224063	39.954	ng	92
37) 2-Methylnaphthalene	8.82	142	461884	41.817	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	212641	45.403	ng	97
40) Hexachlorocyclopentadiene	8.97	237	28274	13.210	ng	96

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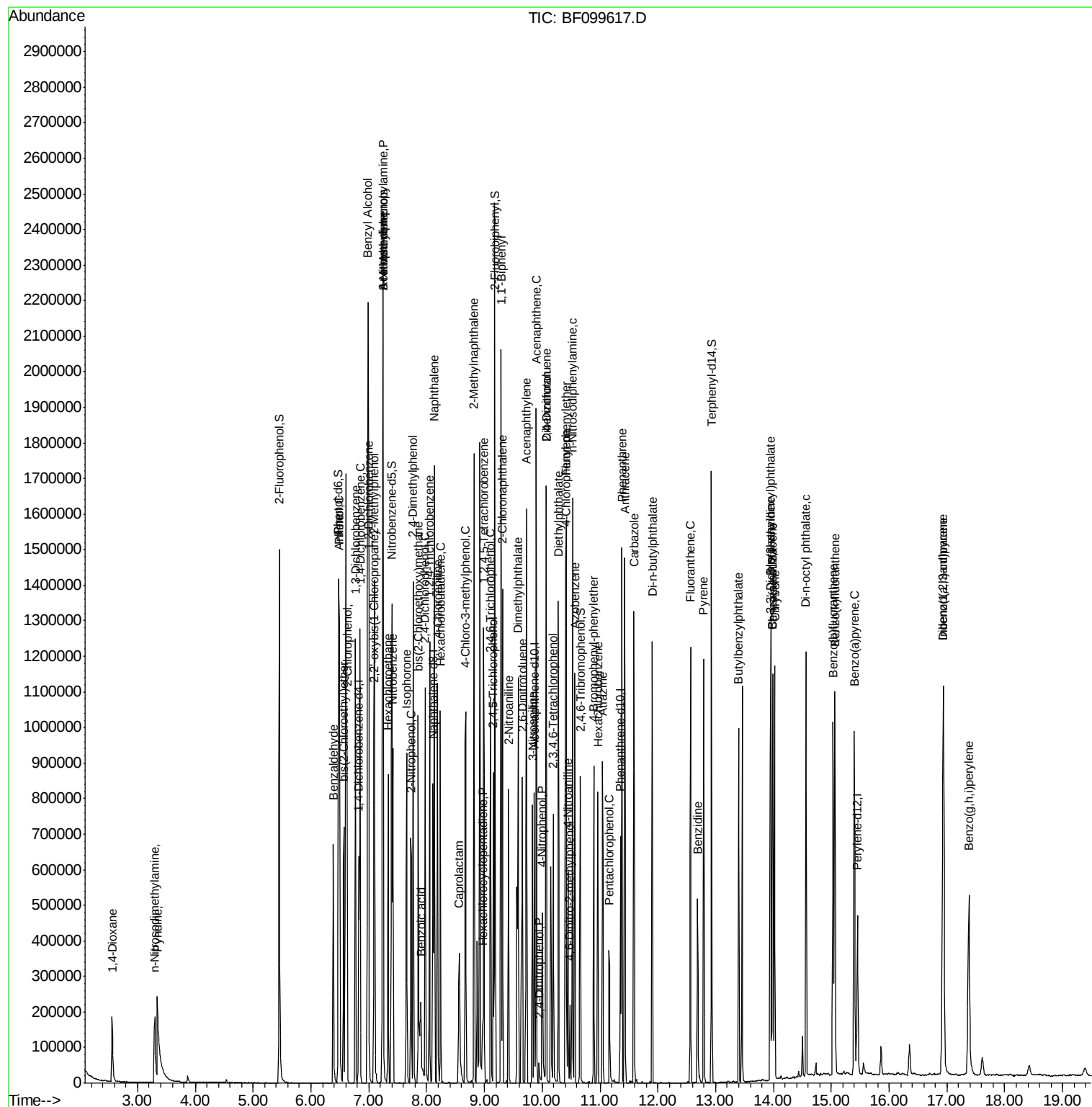
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	140413	42.320	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	142171	42.925	nq	93
45) 1,1'-Biphenyl	9.29	154	592525	43.901	nq	99
46) 2-Chloronaphthalene	9.32	162	443563	43.771	nq	94
47) 2-Nitroaniline	9.42	65	120405	38.803	nq	93
48) Acenaphthylene	9.73	152	645646	41.619	nq	100
49) Dimethylphthalate	9.59	163	522968	44.122	nq	99
50) 2,6-Dinitrotoluene	9.66	165	112692	43.672	nq	# 83
51) Acenaphthene	9.90	154	382640	38.938	nq	99
52) 3-Nitroaniline	9.83	138	126725	42.118	nq	93
53) 2,4-Dinitrophenol	9.95	184	10670	13.192	nq	90
54) Dibenzofuran	10.07	168	524493	40.087	nq	99
55) 4-Nitrophenol	10.00	139	97576	38.353	nq	87
56) 2,4-Dinitrotoluene	10.06	165	133780	39.947	nq	92
57) Fluorene	10.42	166	436675	41.523	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	84050	36.735	nq	97
59) Diethylphthalate	10.28	149	474542	40.973	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	200785	42.504	nq	99
61) 4-Nitroaniline	10.45	138	108143	37.255	nq	85
62) Azobenzene	10.56	77	378521	35.545	nq	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	29245	20.761	nq	81
65) n-Nitrosodiphenylamine	10.52	169	387567	48.320	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	109658	48.387	nq	# 90
67) Hexachlorobenzene	10.96	284	111591	46.103	nq	# 90
68) Atrazine	11.05	200	106191	44.004	nq	98
69) Pentachlorophenol	11.16	266	49619	32.939	nq	97
70) Phenanthrene	11.37	178	533864	43.078	nq	99
71) Anthracene	11.43	178	538324	42.453	nq	99
72) Carbazole	11.59	167	498821	40.171	nq	99
73) Di-n-butylphthalate	11.90	149	648234	43.370	nq	98
74) Fluoranthene	12.56	202	463558	36.939	nq	99
76) Benzidine	12.69	184	191310	32.739	nq	99
77) Pyrene	12.79	202	471098	39.104	nq	99
79) Butylbenzylphthalate	13.40	149	223536	39.480	nq	96
80) Benzo(a)anthracene	13.98	228	407160	42.560	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	155391	44.308	nq	98
82) Chrysene	14.02	228	402415	44.183	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	315682	40.491	nq	# 99
84) Di-n-octyl phthalate	14.56	149	583265	46.462	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.94	276	492282	67.567	nq	97
87) Benzo(b)fluoranthene	15.03	252	452652	39.038	nq	99
88) Benzo(k)fluoranthene	15.06	252	436996	38.157	nq	99
89) Benzo(a)pyrene	15.40	252	446271	41.929	nq	# 97
90) Dibenzo(a,h)anthracene	16.94	278	405649	47.623	nq	96
91) Benzo(g,h,i)perylene	17.38	276	395855	47.015	nq	95

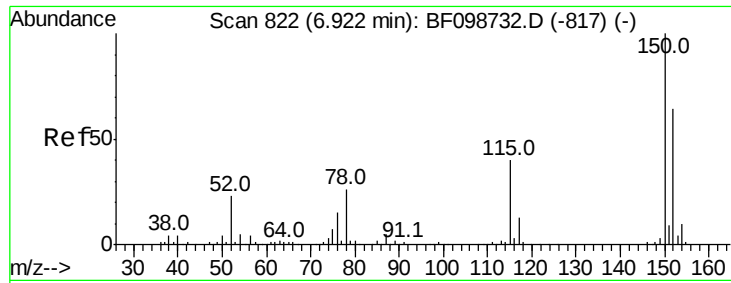
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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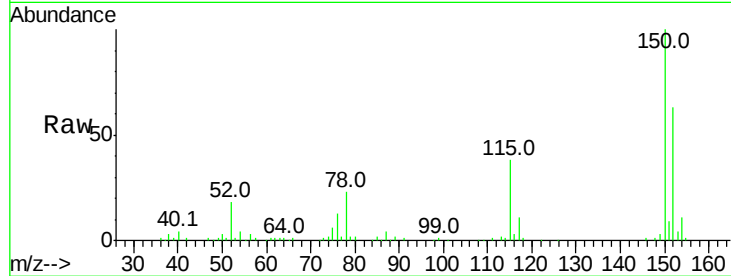


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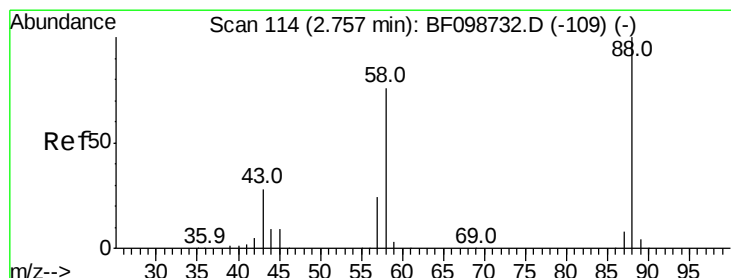
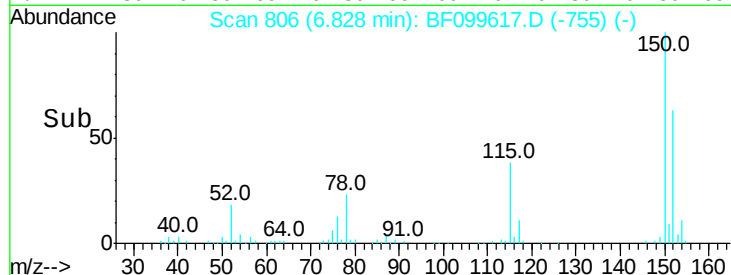
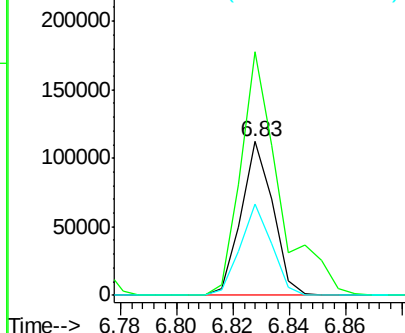
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 87977
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 59.7 50.1 75.1



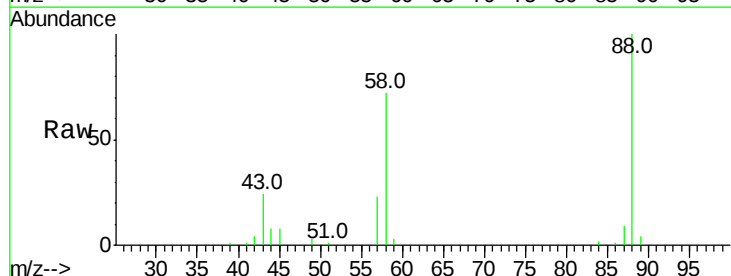
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



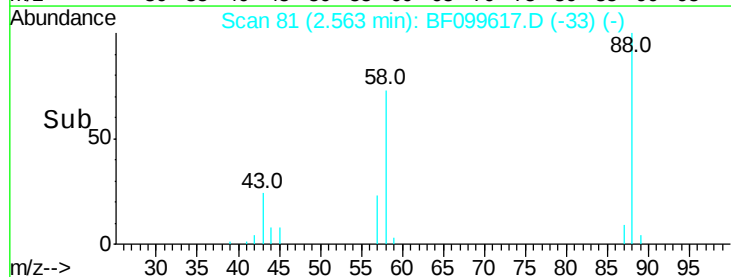
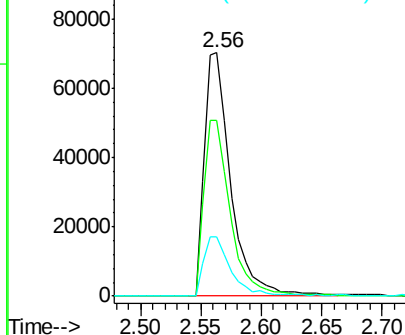
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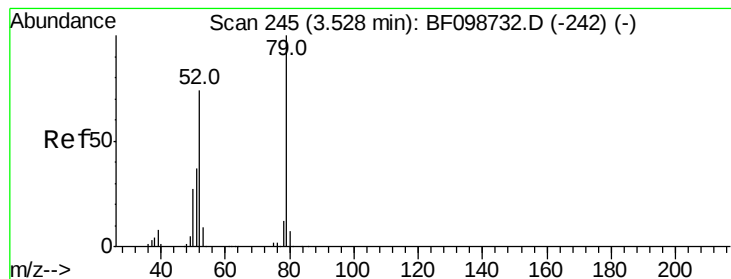
1,4-Dioxane
Concen: 40.332 ng
RT: 2.56 min Scan# 81
Delta R.T. -0.02 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion: 88 Resp: 106475
Ion Ratio Lower Upper
88 100
58 72.1 62.6 93.8
43 24.9 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: 37.918 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

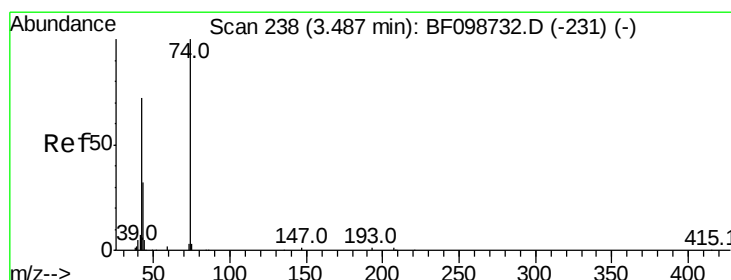
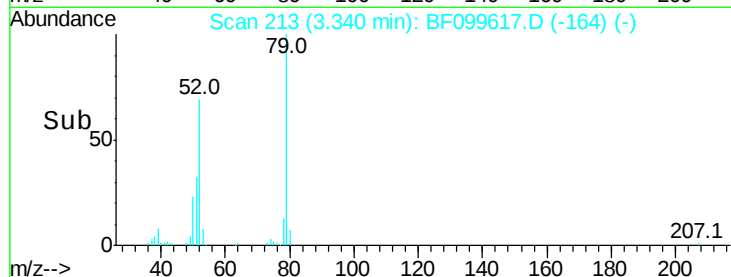
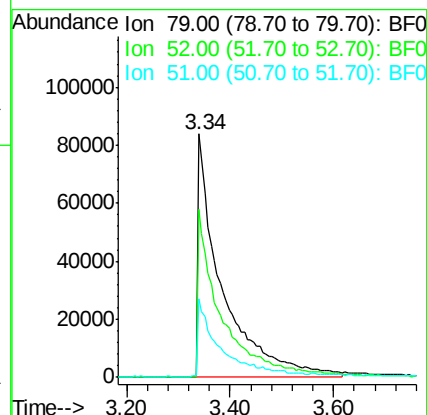
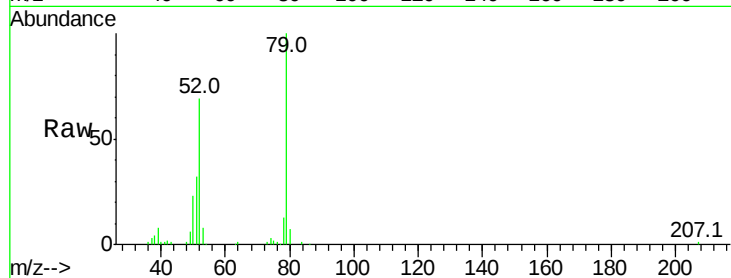
Tot Ion: 79 Resp: 270793

Ion Ratio Lower Upper

79 100

52 68.8 59.8 89.6

51 32.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.048 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

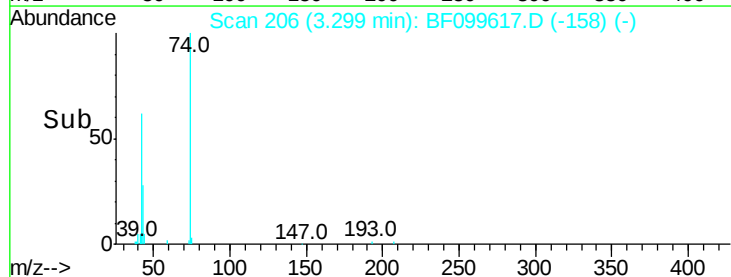
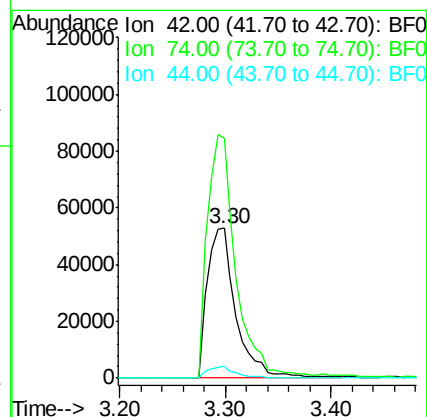
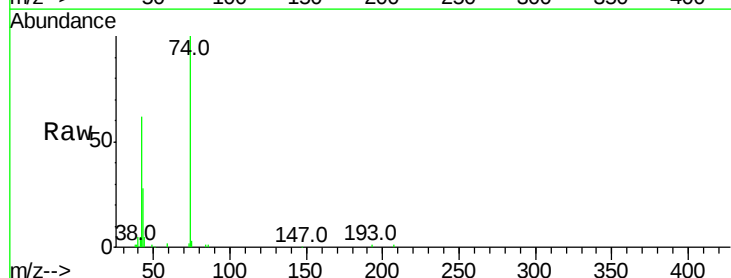
Tgt Ion: 42 Resp: 100082

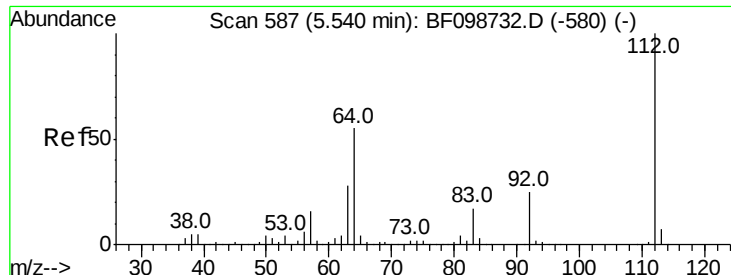
Ion Ratio Lower Upper

42 100

74 160.1 104.9 157.3#

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 87.966 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF099617.D

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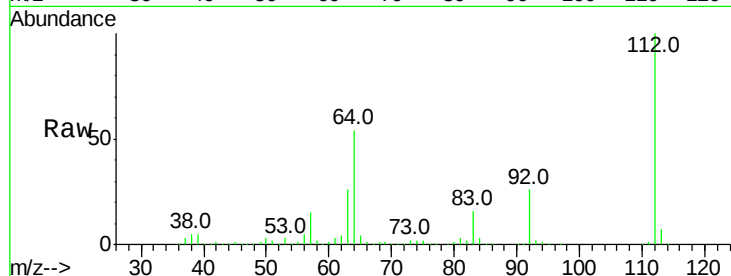
Tot Ion:112 Resp: 486150

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

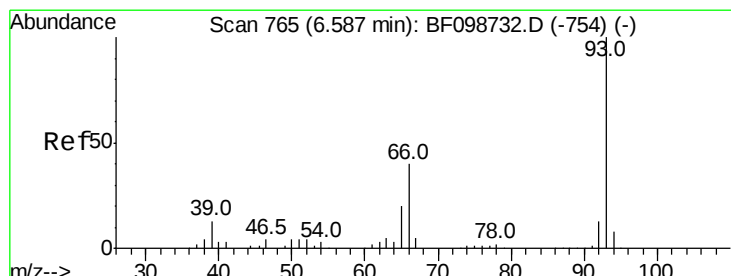
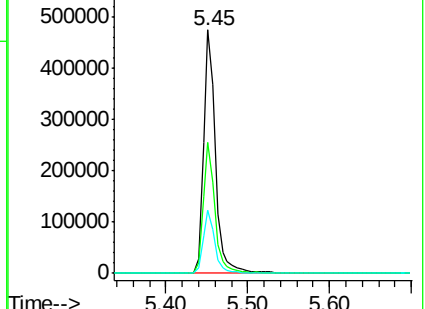
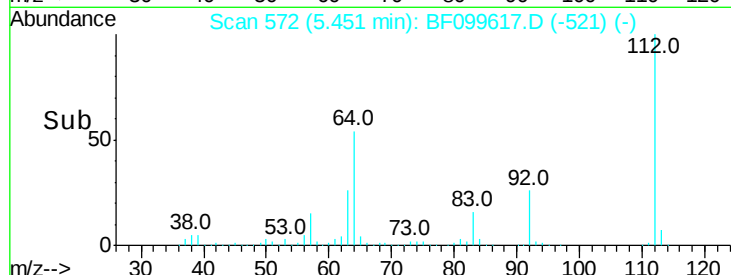
63 26.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.829 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

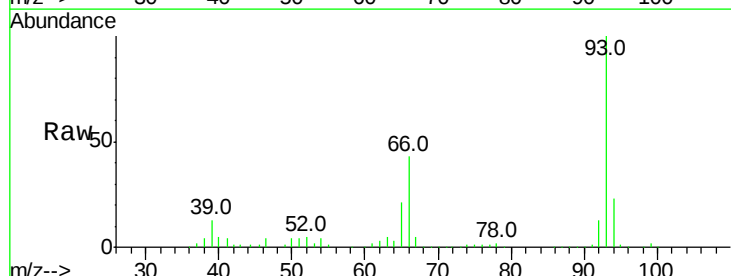
Tgt Ion: 93 Resp: 357286

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

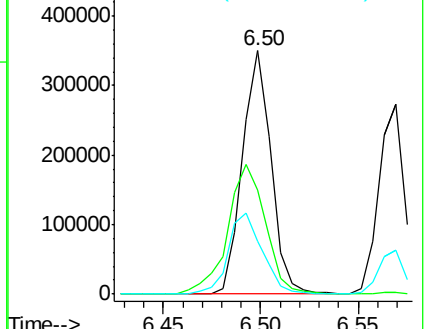
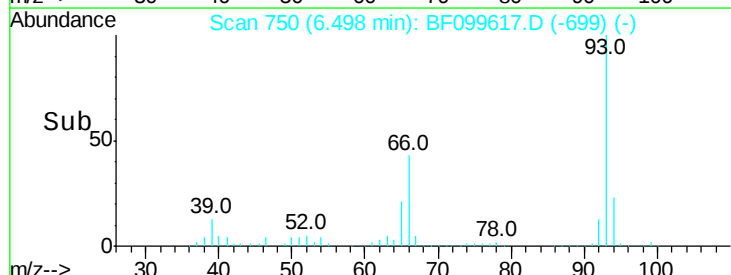
65 21.5 16.4 24.6

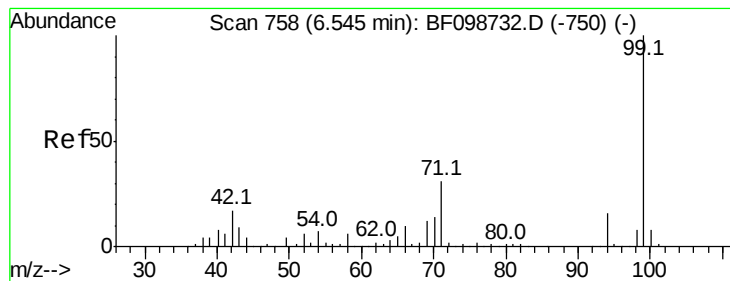


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.035 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

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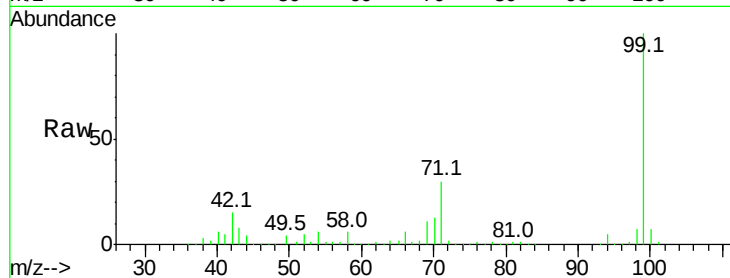
Tot Ion: 99 Resp: 572917

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

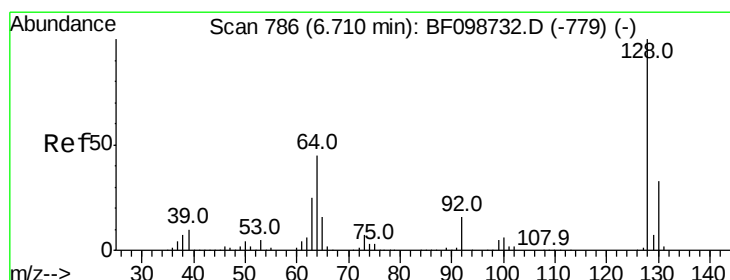
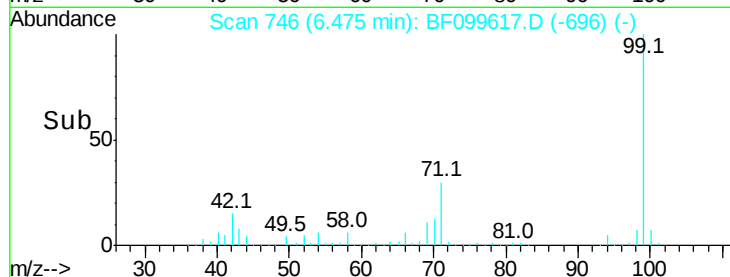
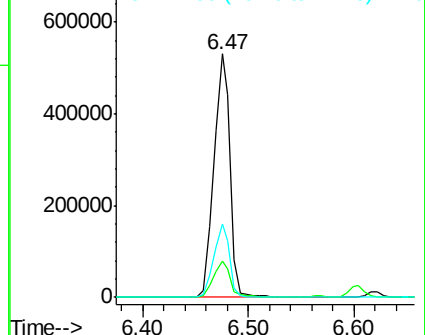
71 30.2 25.4 38.0



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: 43.174 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

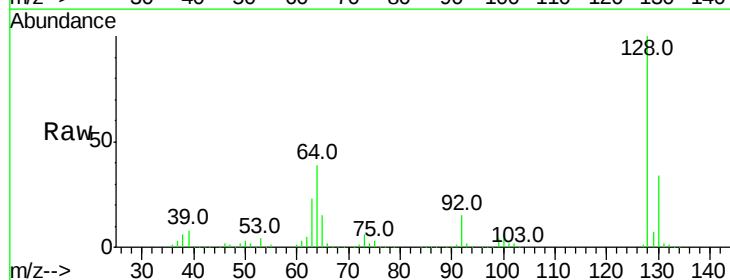
Tgt Ion: 128 Resp: 270206

Ion Ratio Lower Upper

128 100

130 33.7 13.0 53.0

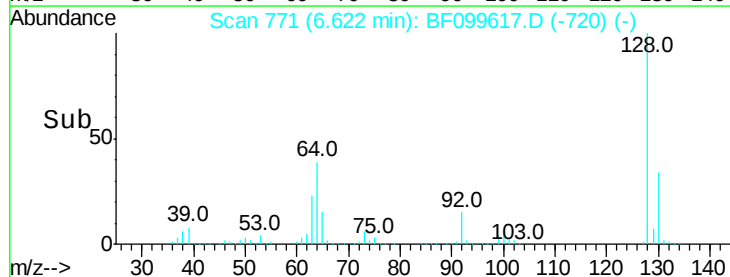
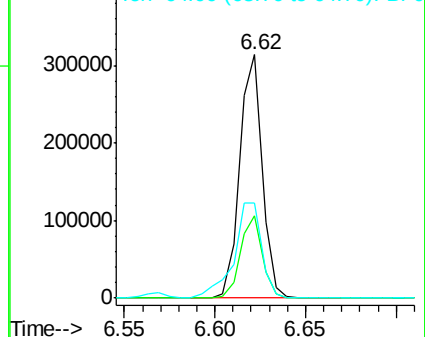
64 39.3 29.4 69.4

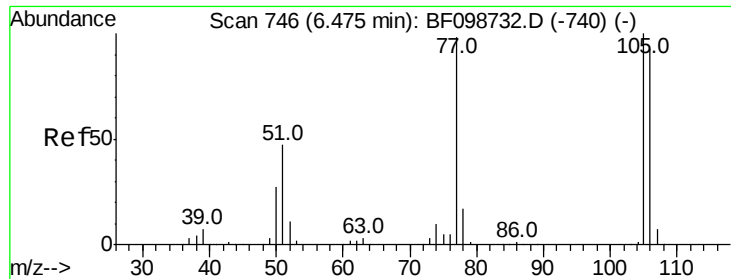


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

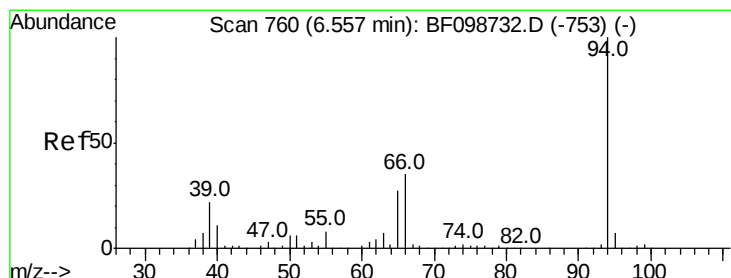
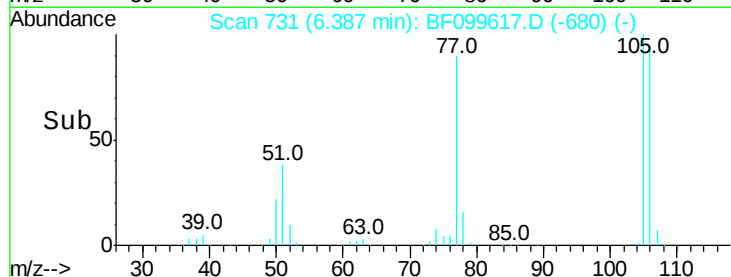
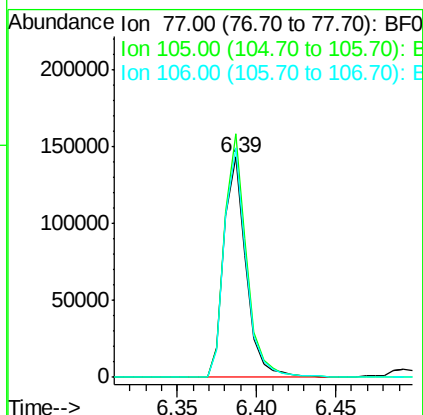
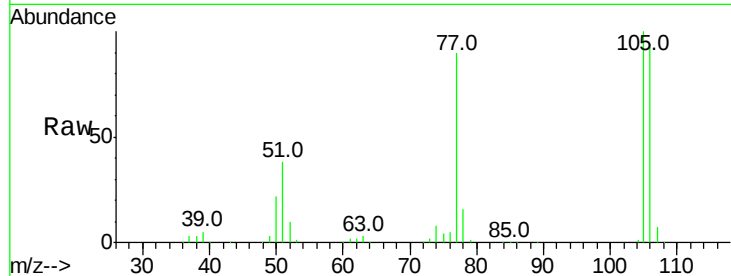




#9
Benzaldehyde
Concen: 35.273 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
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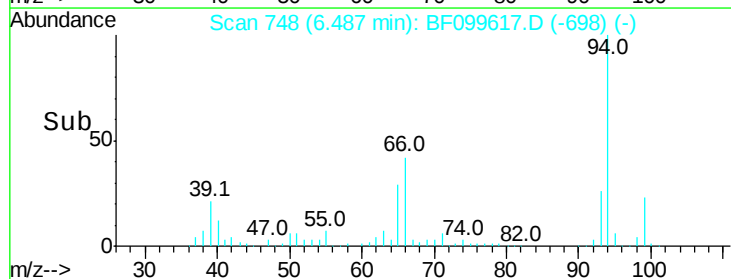
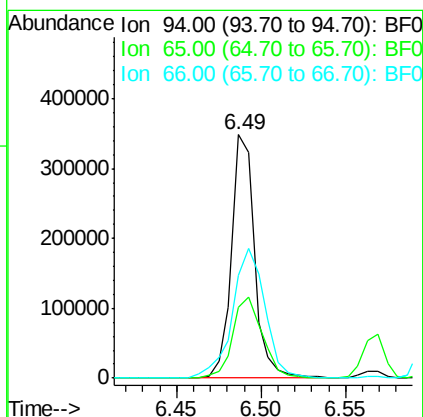
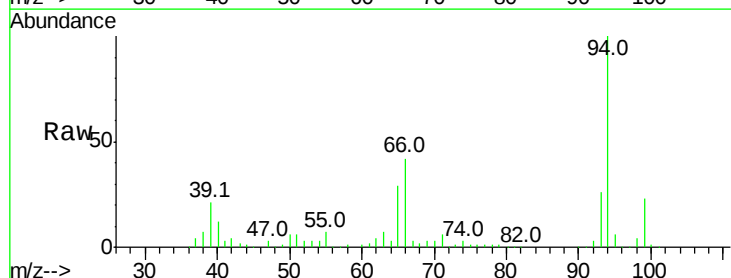
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 77 Resp: 139495
Ion Ratio Lower Upper
77 100
105 110.7 81.1 121.1
106 104.4 74.5 114.5



#10
Phenol
Concen: 43.406 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion: 94 Resp: 330960
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 42.1 16.2 56.2

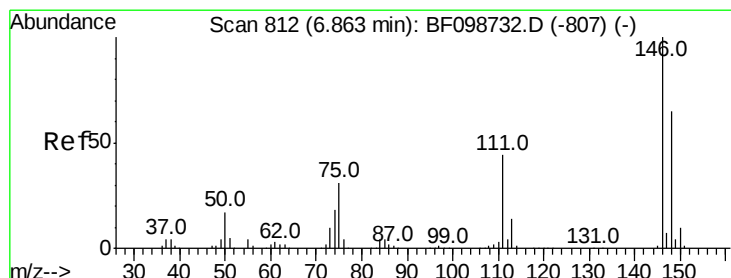
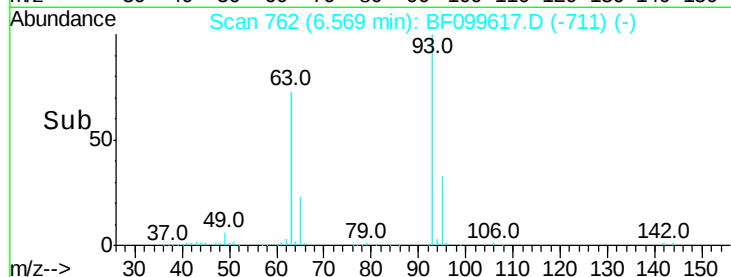
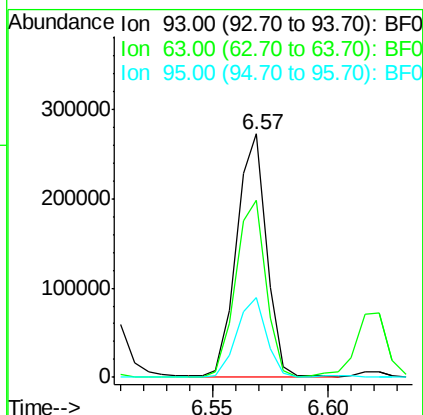
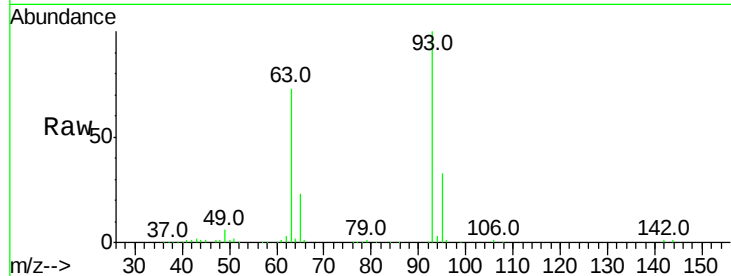




#11
bis(2-Chloroethyl)ether
Concen: 41.405 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

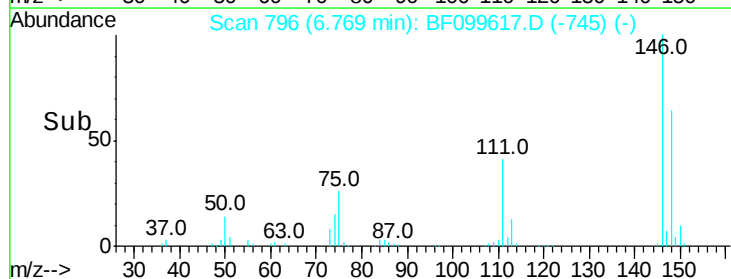
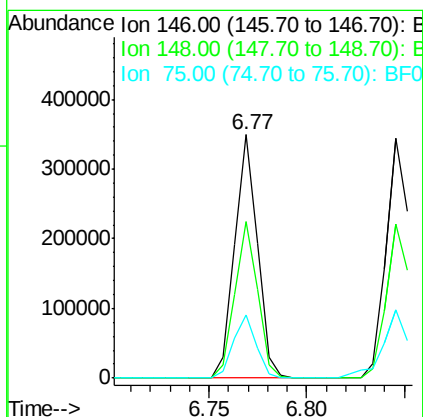
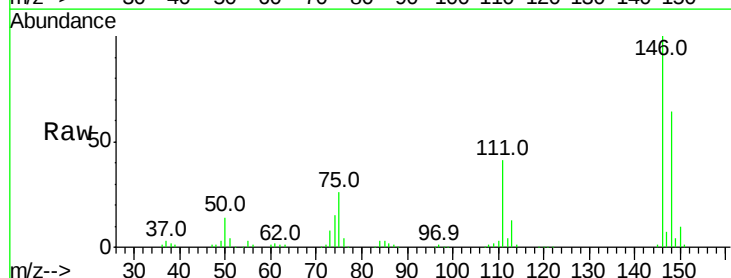
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

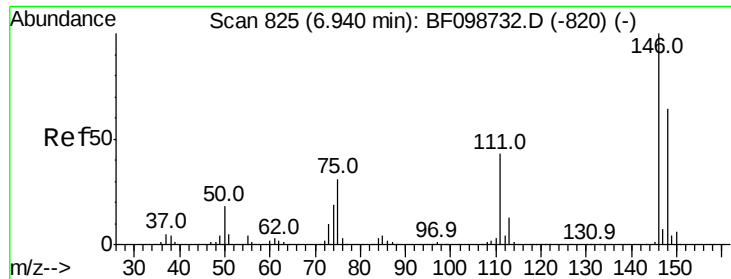
Tot Ion: 93 Resp: 245429
Ion Ratio Lower Upper
93 100
63 72.8 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.309 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion: 146 Resp: 283867
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 26.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.264 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

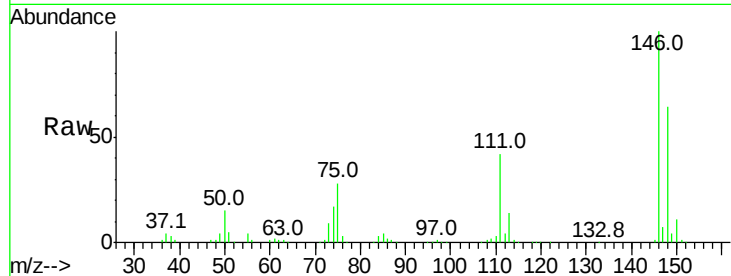
Tot Ion:146 Resp: 288517

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

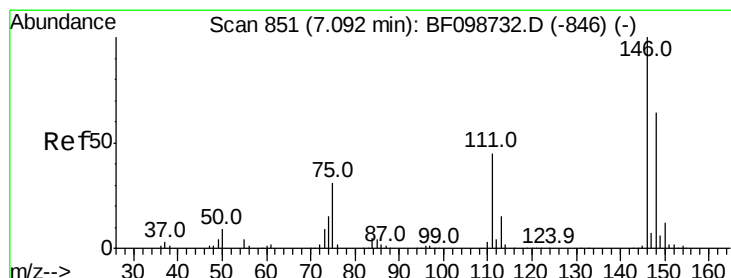
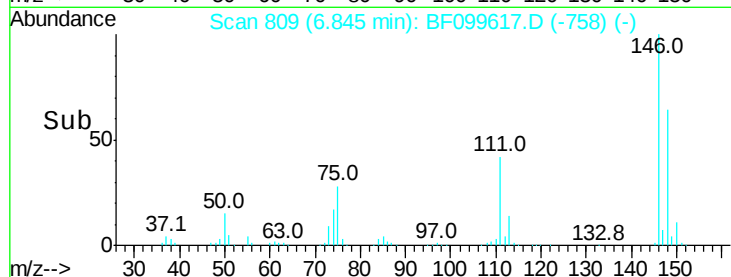
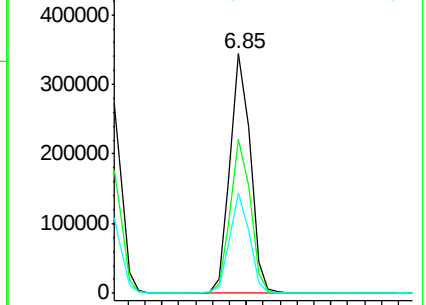
111 41.7 34.2 51.2



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: 43.346 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

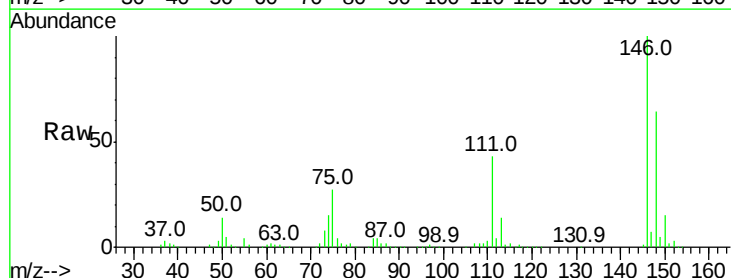
Tgt Ion:146 Resp: 267093

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

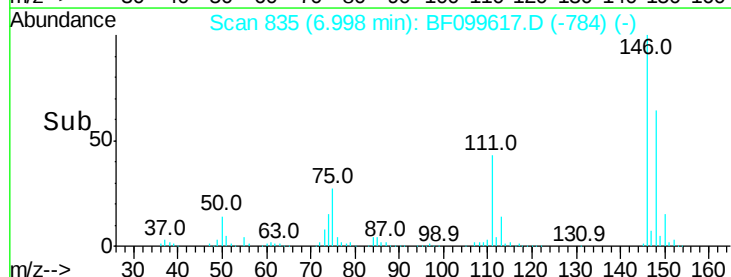
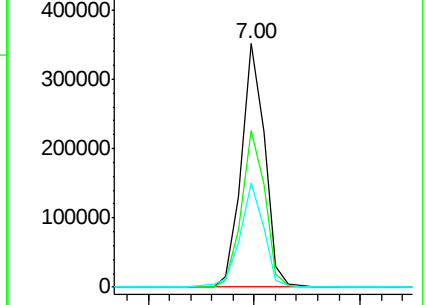
111 42.8 36.0 54.0

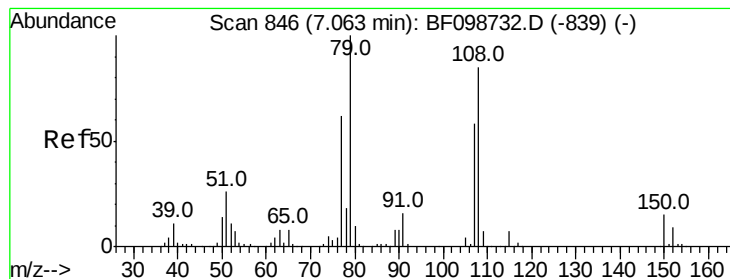


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.037 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

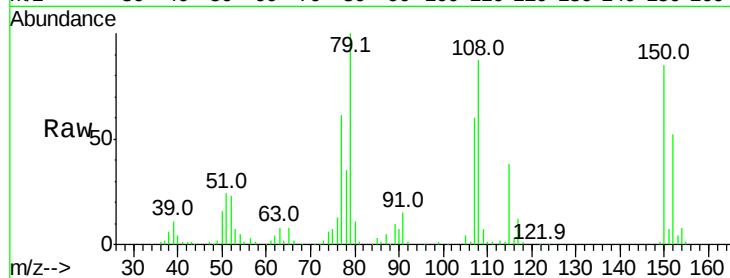
Tot Ion: 79 Resp: 180235

Ion Ratio Lower Upper

79 100

108 87.4 65.1 97.7

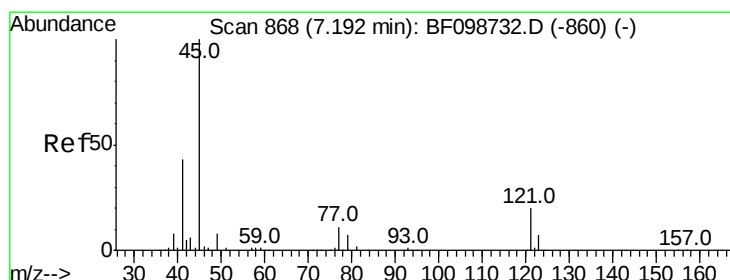
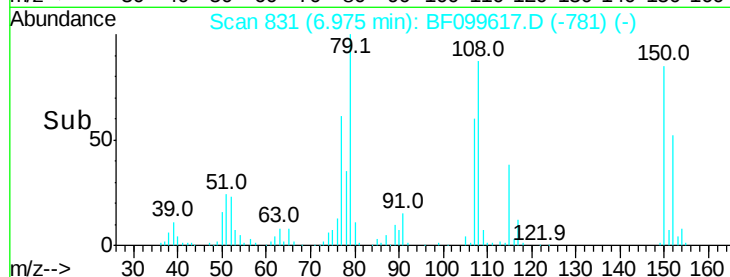
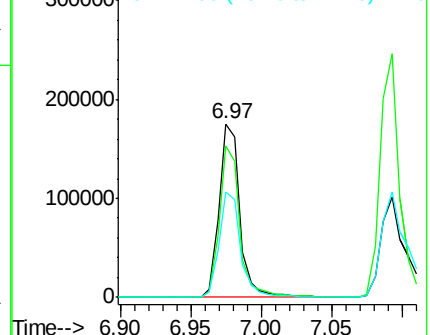
77 60.7 50.6 75.8



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: 34.038 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

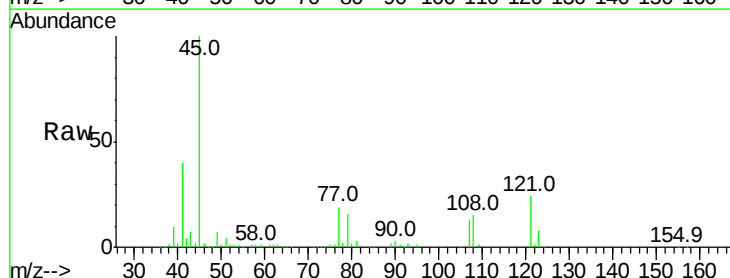
Tgt Ion: 45 Resp: 314342

Ion Ratio Lower Upper

45 100

77 19.5 0.0 32.9

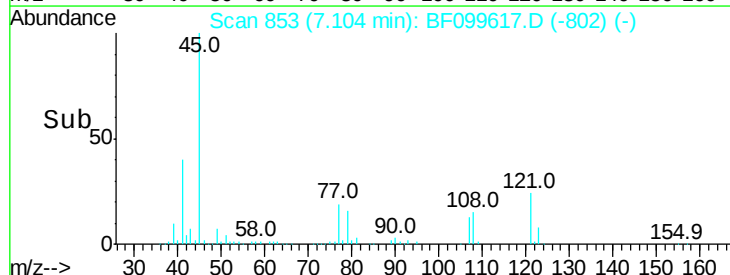
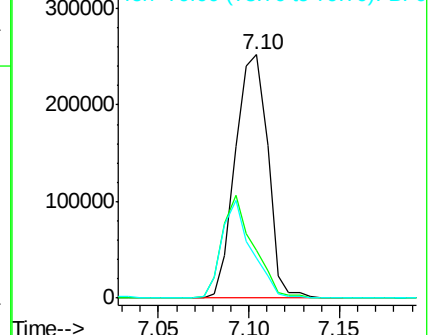
79 16.3 0.0 29.6

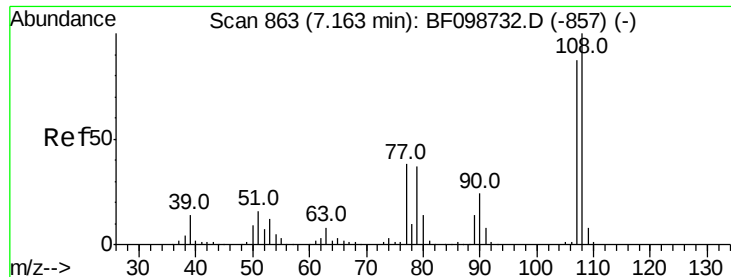


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.748 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 208666

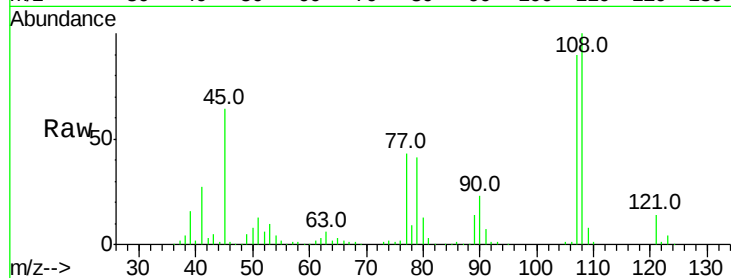
Ion Ratio Lower Upper

107 100

108 111.1 91.7 137.5

77 48.0 33.8 50.8

79 45.6 33.8 50.8

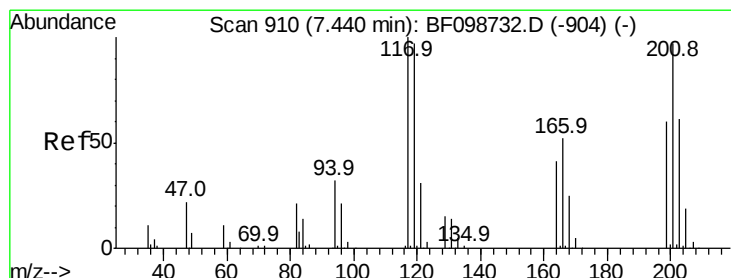
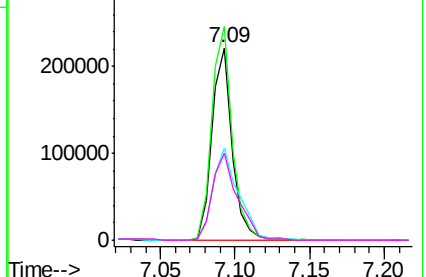
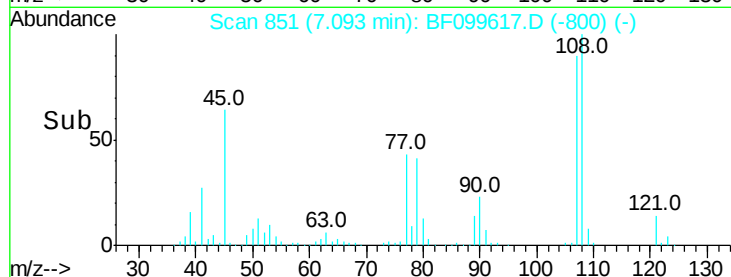


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.560 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

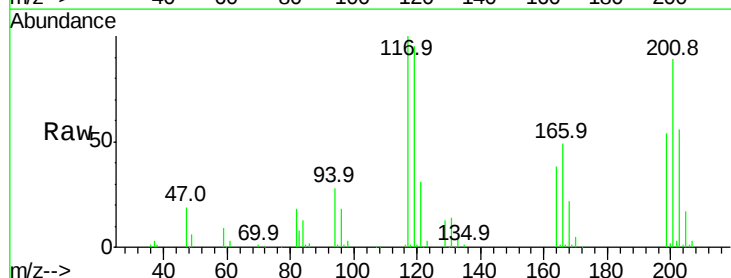
Tgt Ion:117 Resp: 97223

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

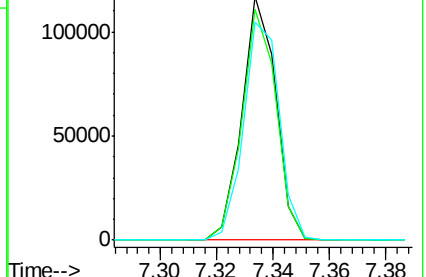
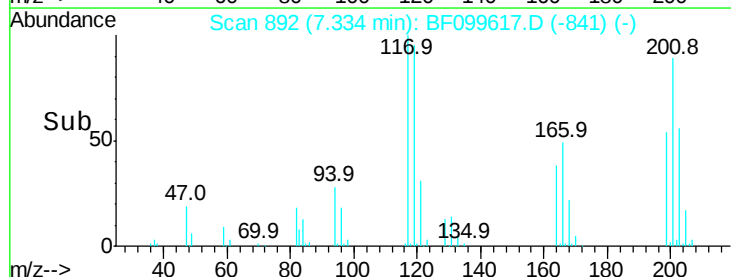
201 89.4 75.7 113.5

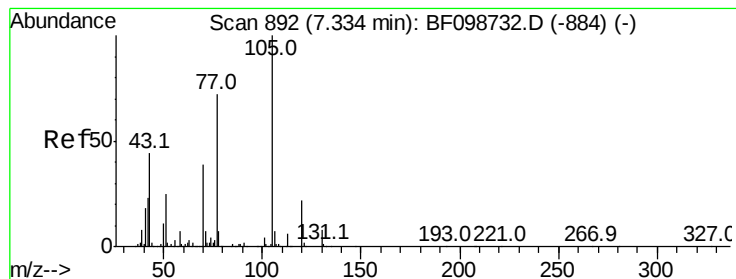


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.557 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 154772

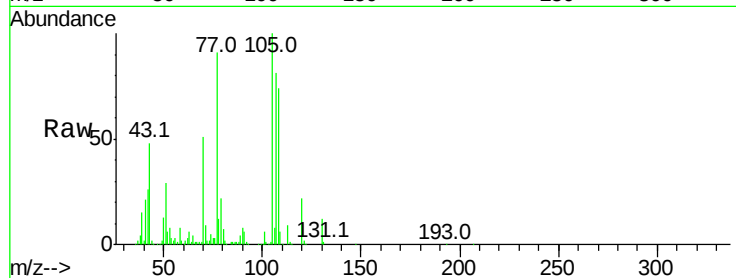
Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 11.0 7.4 11.2

130 24.0 16.6 25.0



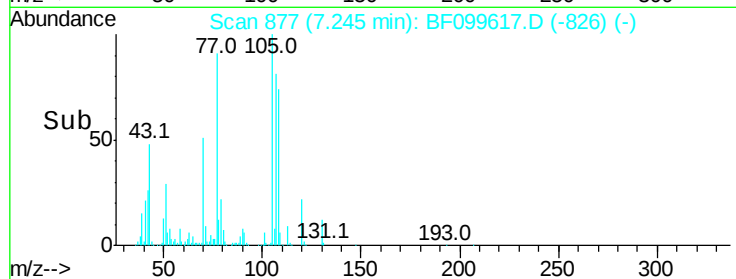
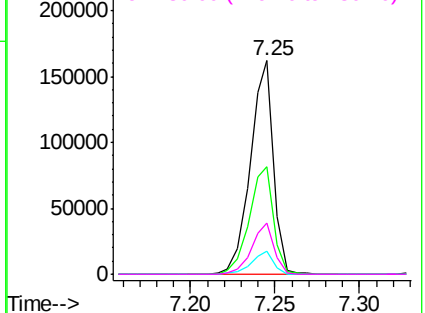
Abundance

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: 38.976 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Tgt Ion: 107 Resp: 252499

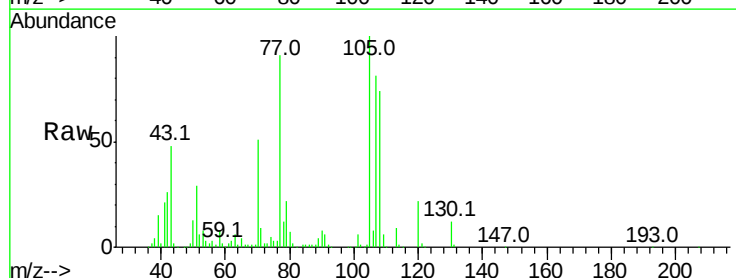
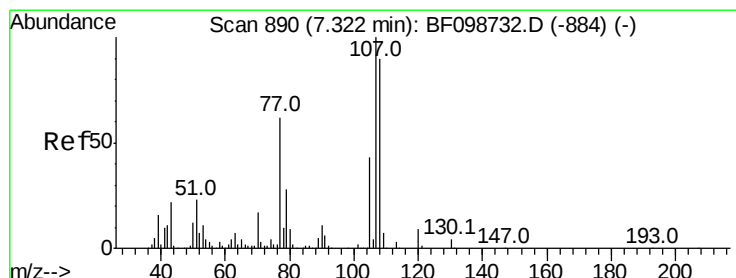
Ion Ratio Lower Upper

107 100

108 91.1 68.2 108.2

77 112.0 26.7 66.7#

79 26.7 6.3 46.3



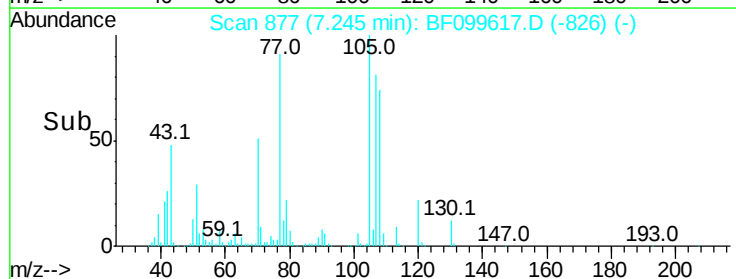
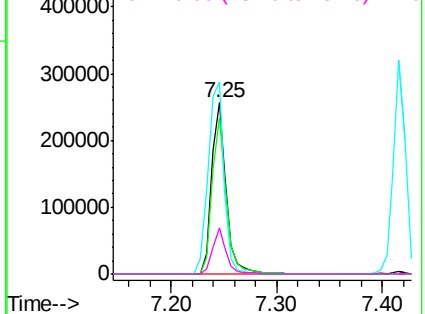
Abundance

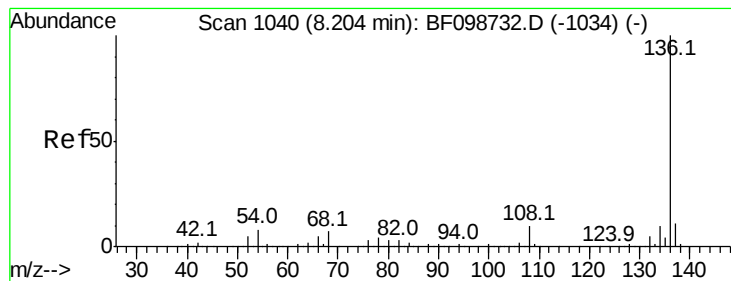
Ion 107.00 (106.70 to 107.70): BF0

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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 361764

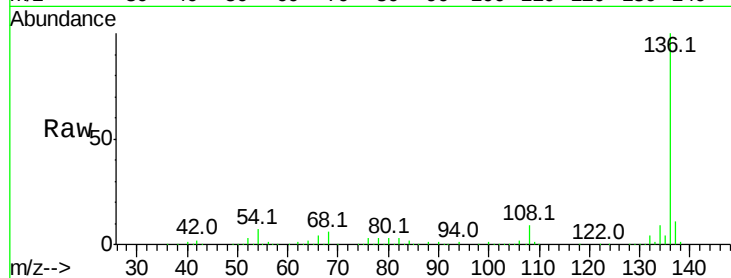
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

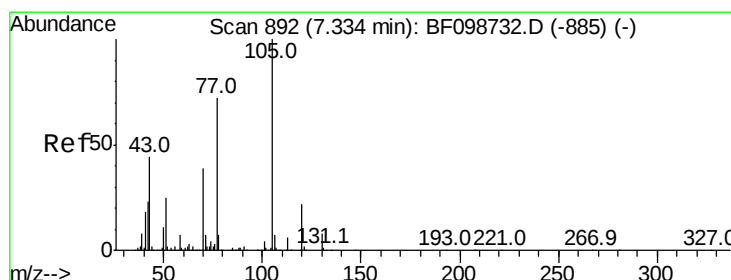
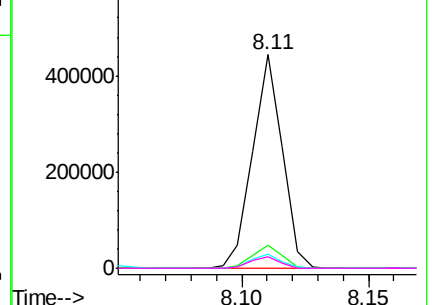
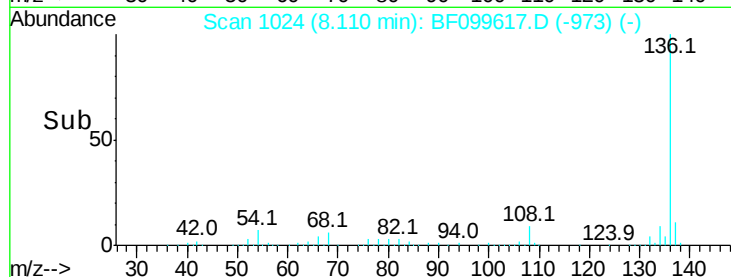


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.816 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Tgt Ion:105 Resp: 340219

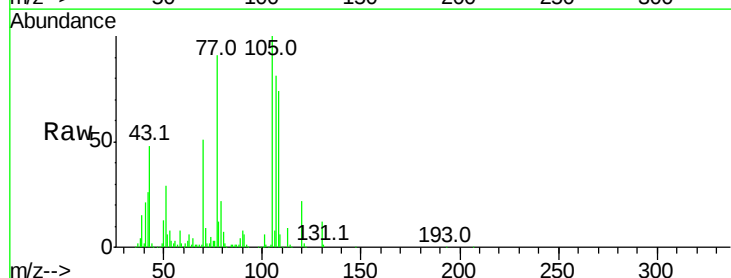
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 29.1 22.3 33.5

120 21.6 16.9 25.3

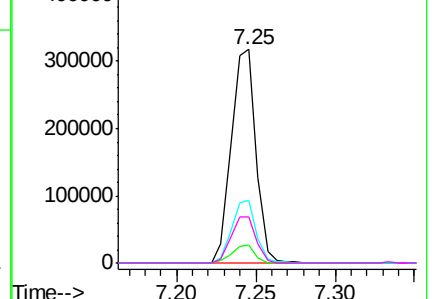
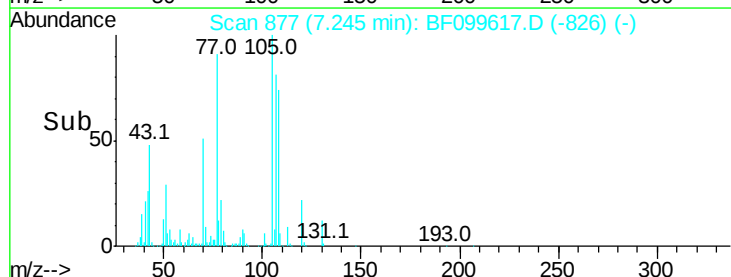


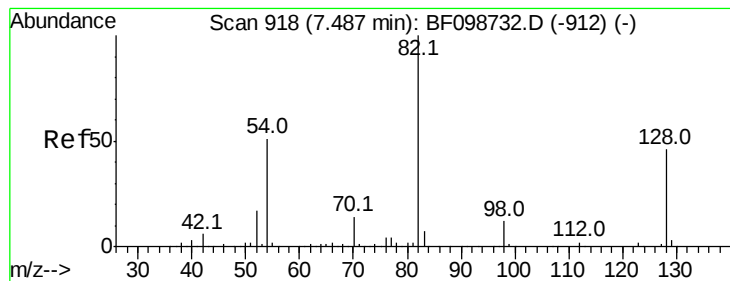
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.976 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

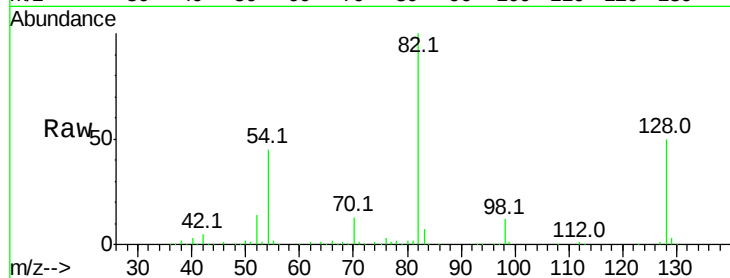
Tot Ion: 82 Resp: 462435

Ion Ratio Lower Upper

82 100

128 49.8 36.1 54.1

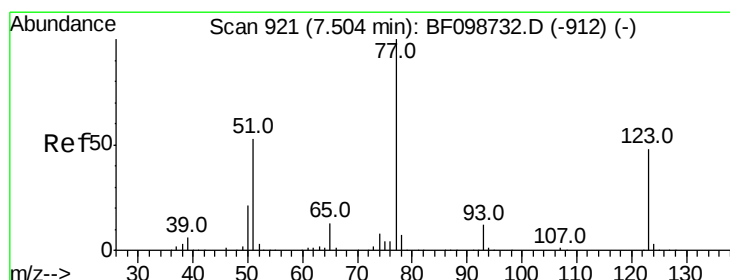
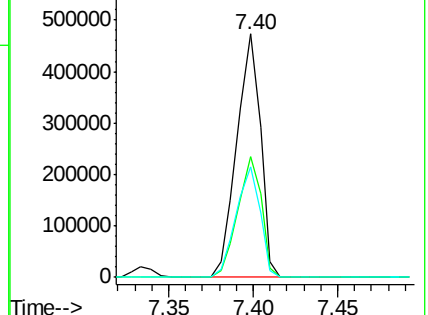
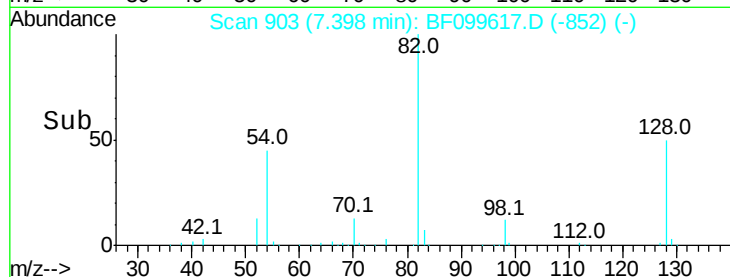
54 45.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.059 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

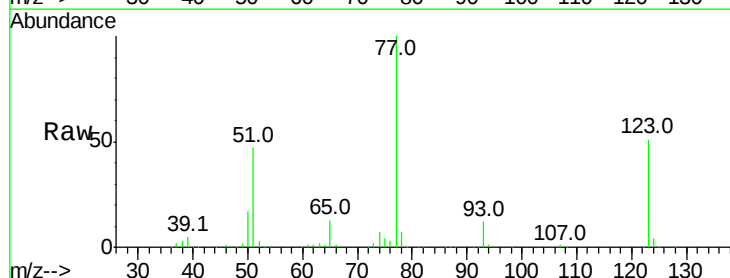
Tgt Ion: 77 Resp: 256341

Ion Ratio Lower Upper

77 100

123 50.8 37.9 56.9

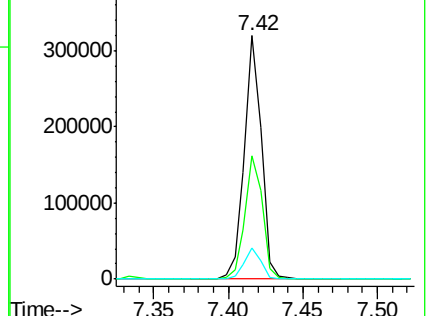
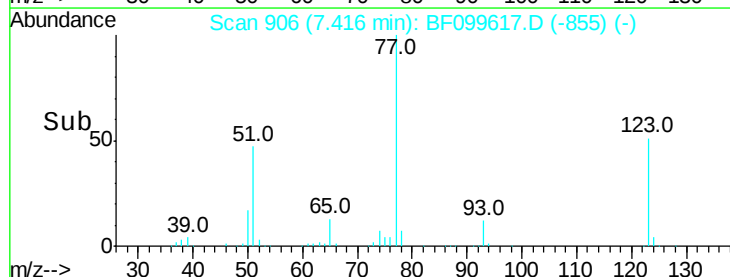
65 12.8 11.0 16.4

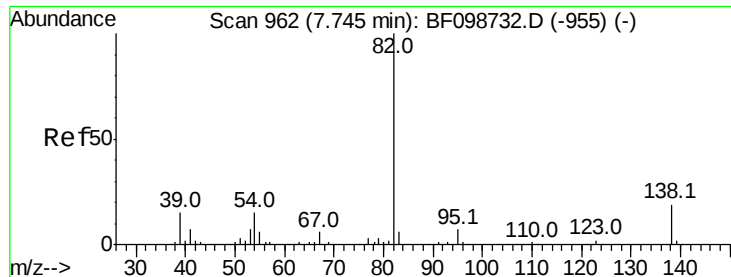


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.320 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

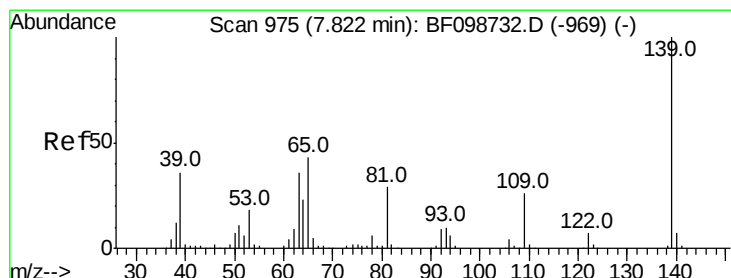
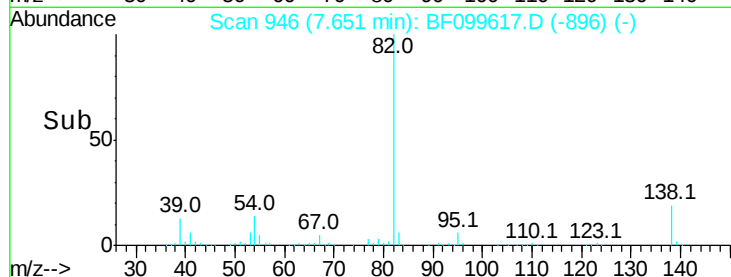
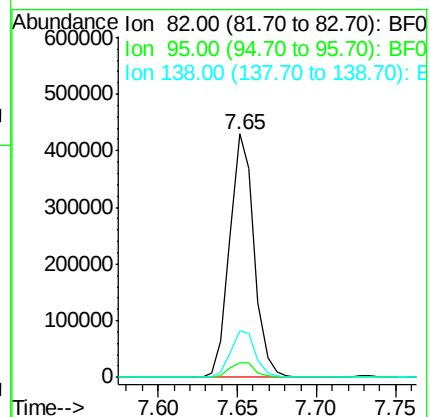
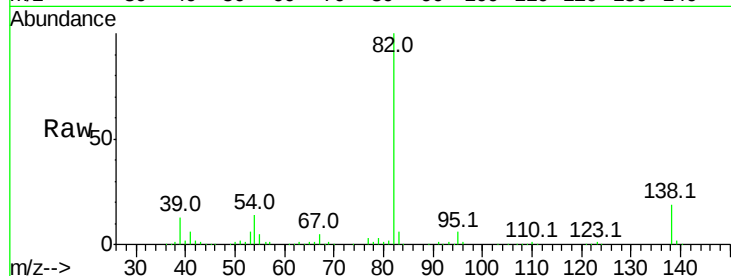
Tot Ion: 82 Resp: 458584

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 47.745 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

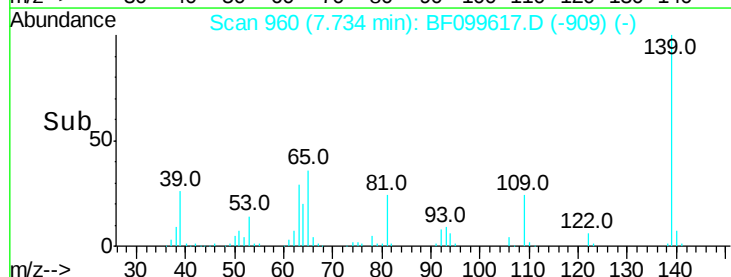
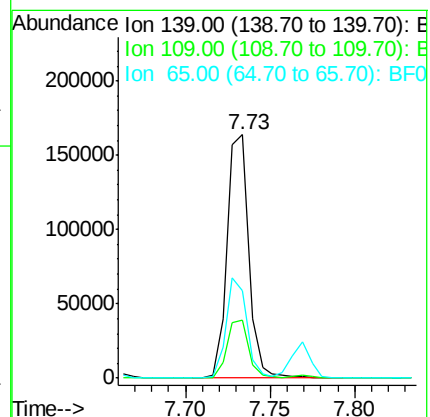
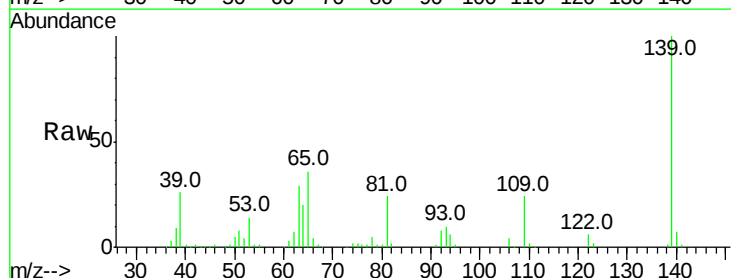
Tgt Ion: 139 Resp: 146921

Ion Ratio Lower Upper

139 100

109 23.8 22.7 34.1

65 35.9 40.5 60.7#

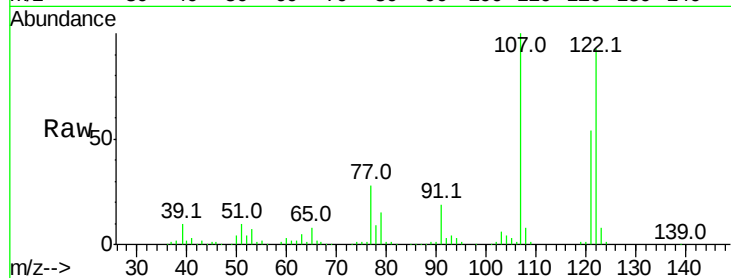




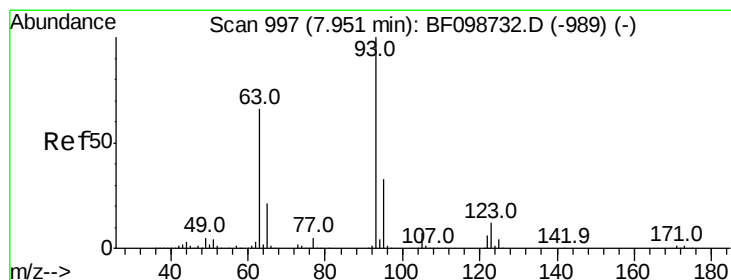
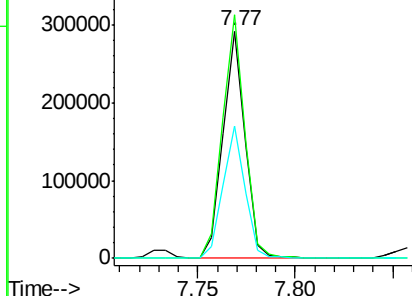
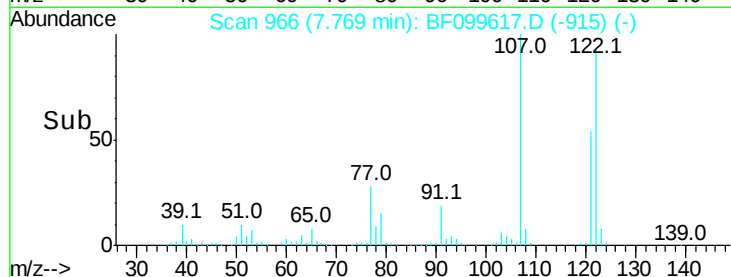
#27
 2,4-Dimethylphenol
 Concen: 39.380 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 228846
 Ion Ratio Lower Upper
 122 100
 107 107.2 91.2 136.8
 121 58.2 47.2 70.8

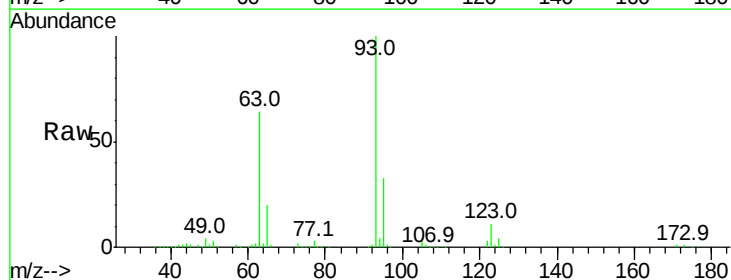


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

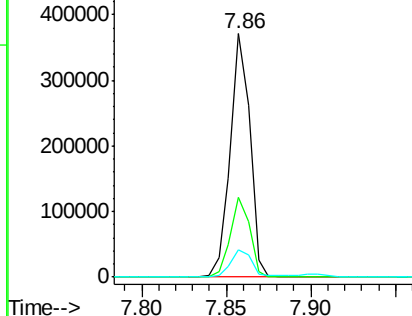
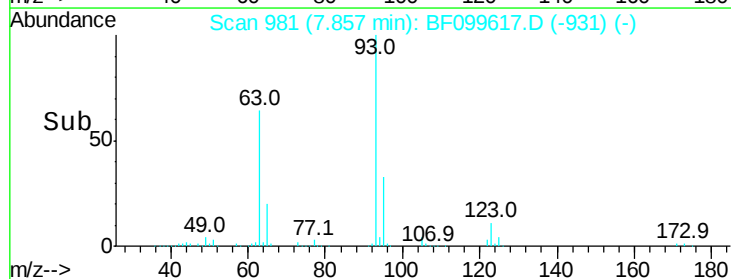


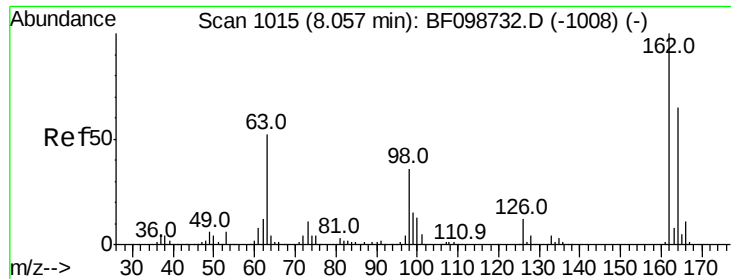
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.160 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion: 93 Resp: 299156
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.4 9.8 14.6



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

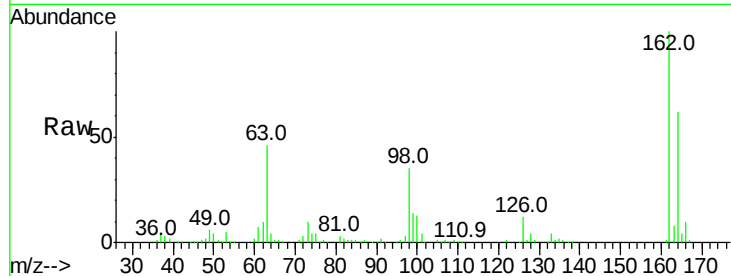




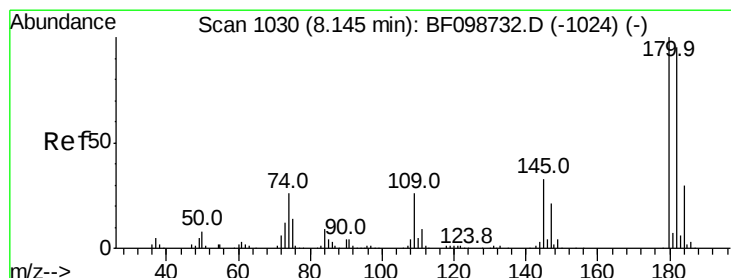
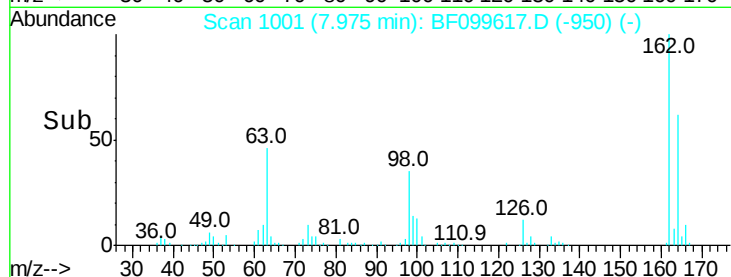
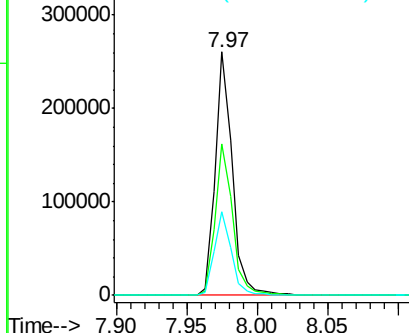
#29
 2,4-Dichlorophenol
 Concen: 44.001 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	34.6	18.1	58.1

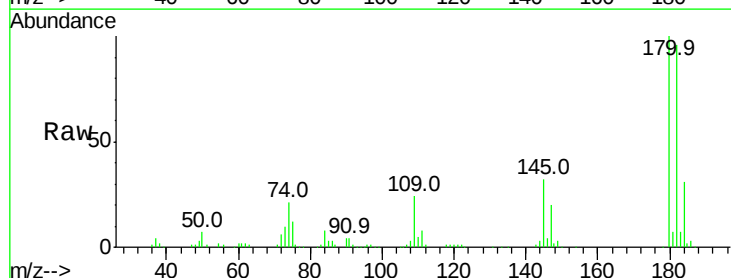


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

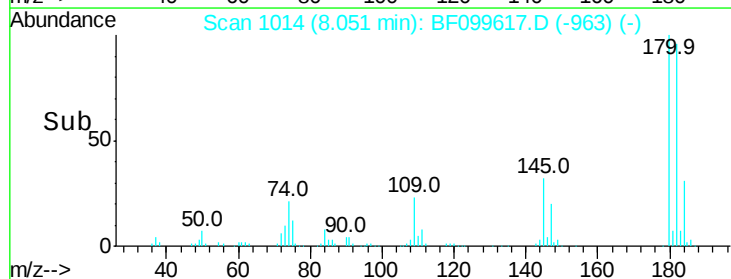
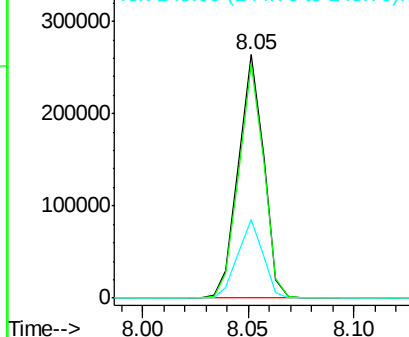


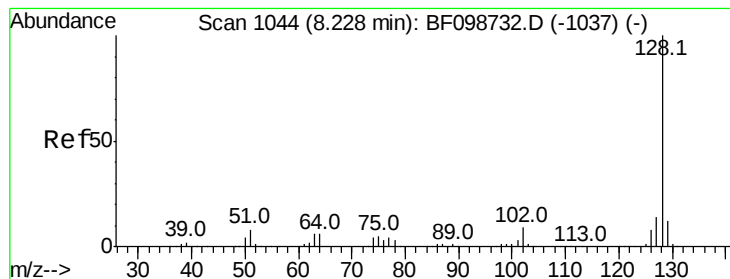
#30
 1,2,4-Trichlorobenzene
 Concen: 43.692 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
145	32.0	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: 42.068 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

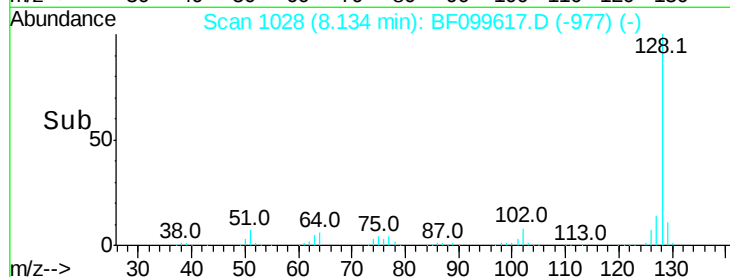
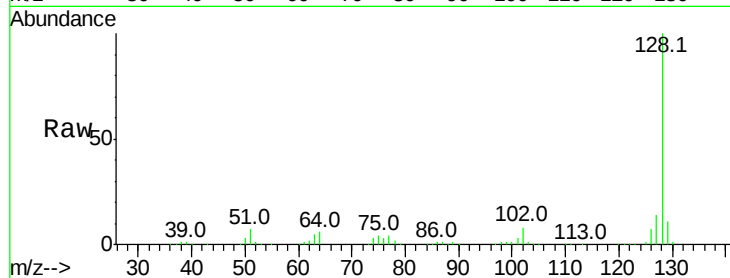
Tot Ion:128 Resp: 714762

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

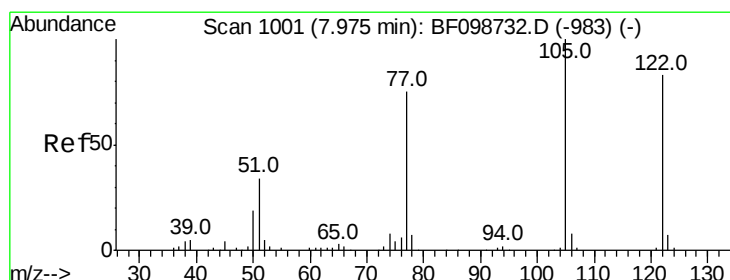
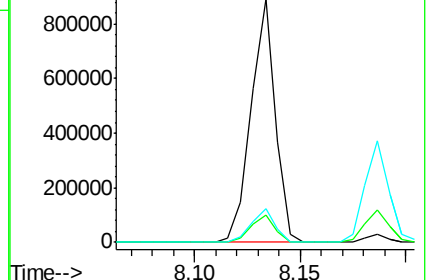
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.539 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

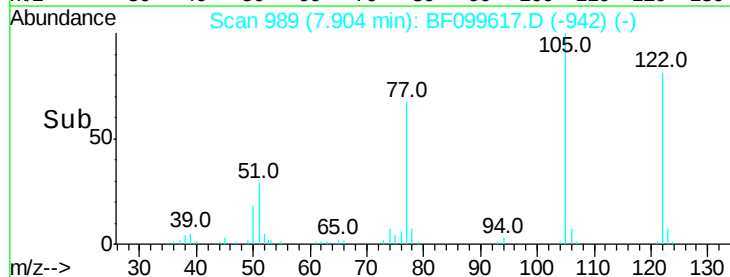
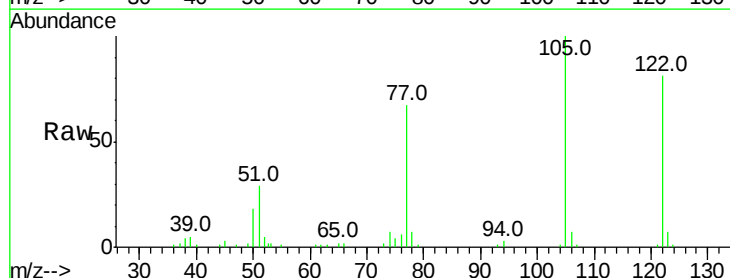
Tgt Ion:122 Resp: 136232

Ion Ratio Lower Upper

122 100

105 124.1 101.1 141.1

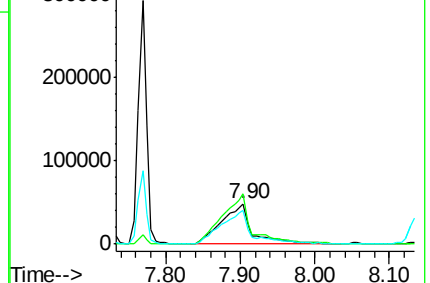
77 82.9 70.7 110.7

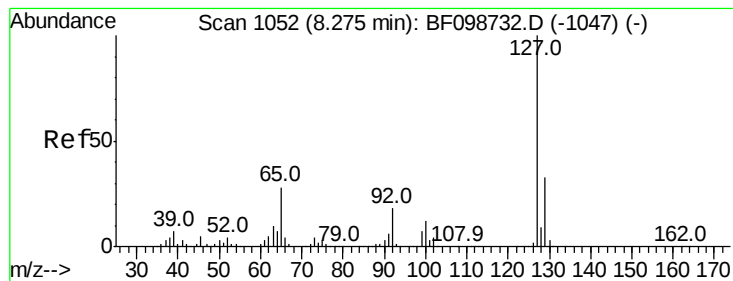


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.804 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 296611

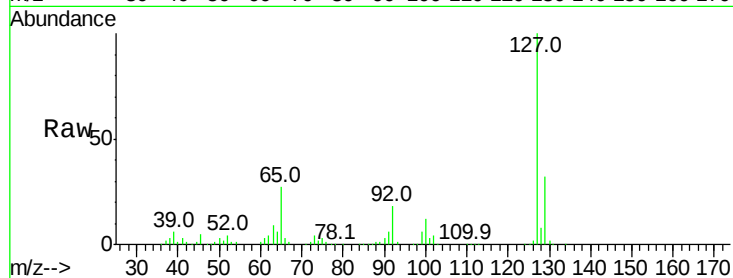
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 26.5 25.0 37.4

92 18.4 15.2 22.8

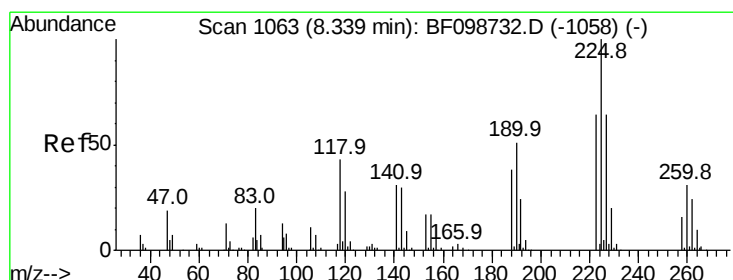
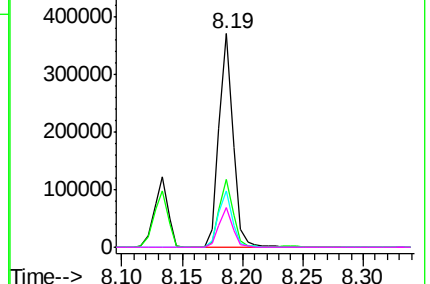
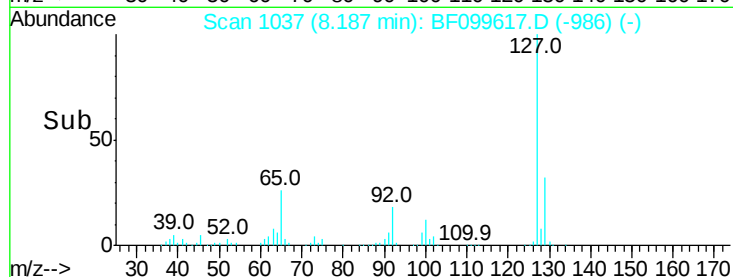


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.878 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

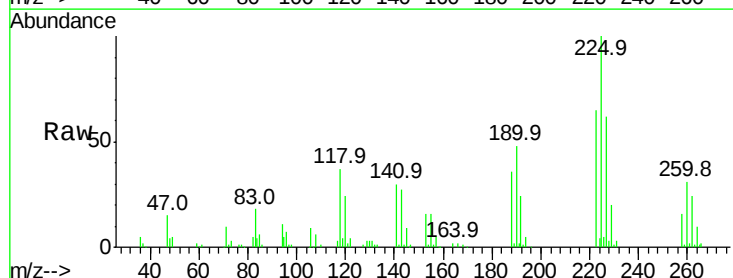
Tgt Ion:225 Resp: 110211

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

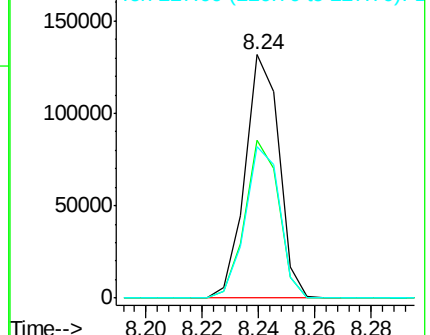
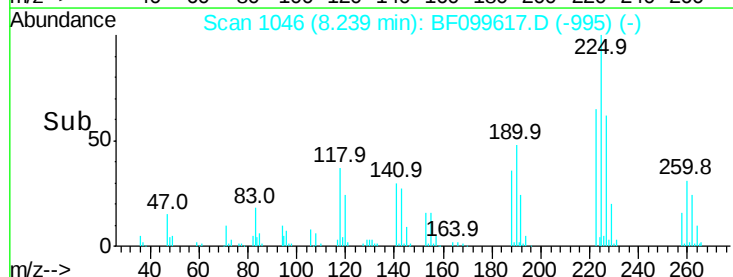
227 62.1 51.9 77.9

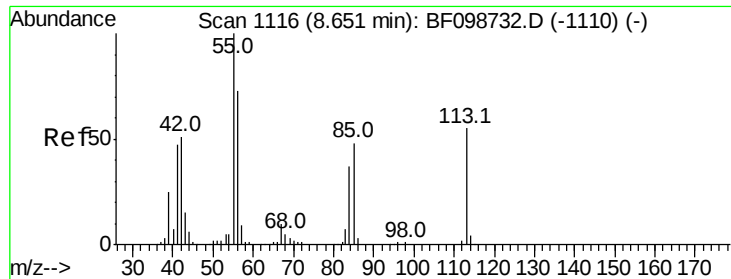


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

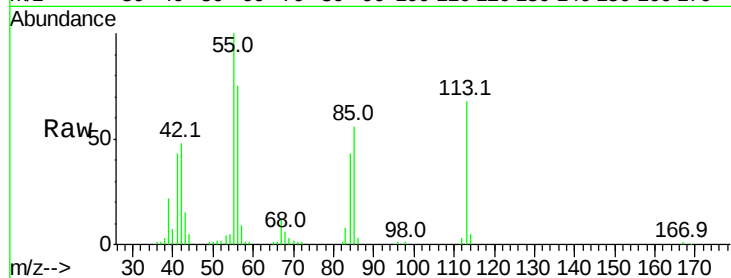




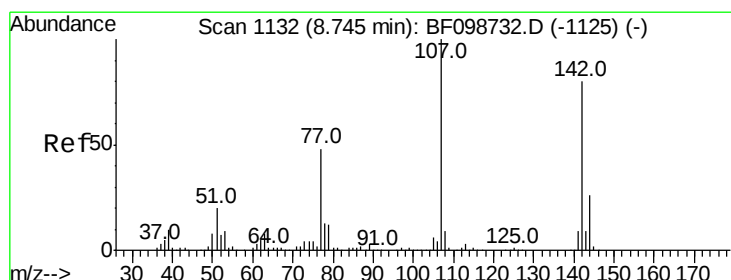
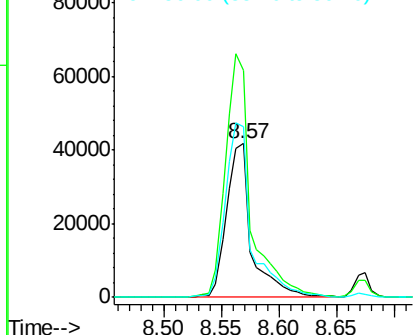
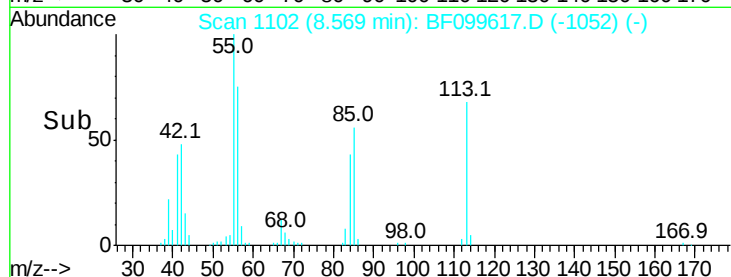
#35
 Caprolactam
 Concen: 39.445 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 63131
 Ion Ratio Lower Upper
 113 100
 55 147.7 163.3 203.3#
 56 110.5 115.7 155.7#

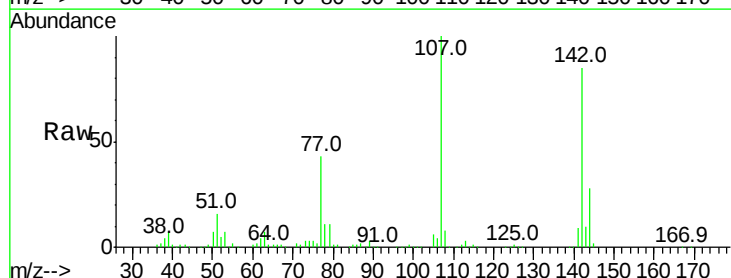


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

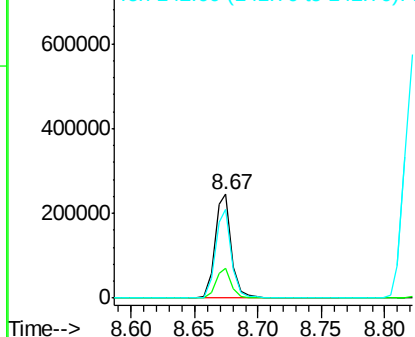
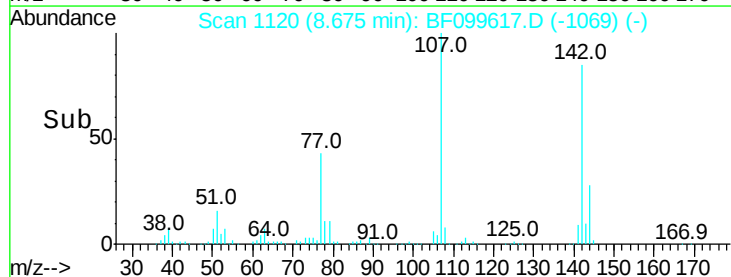


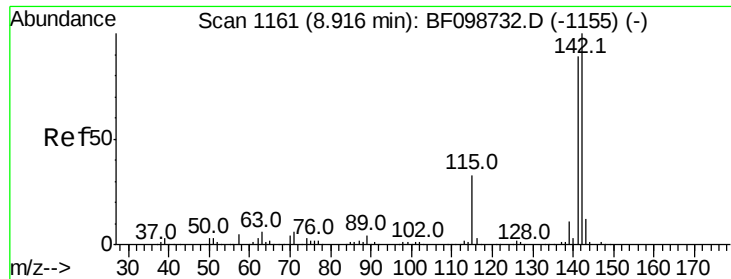
#36
 4-Chloro-3-methylphenol
 Concen: 39.954 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:107 Resp: 224063
 Ion Ratio Lower Upper
 107 100
 144 28.5 20.5 30.7
 142 85.3 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

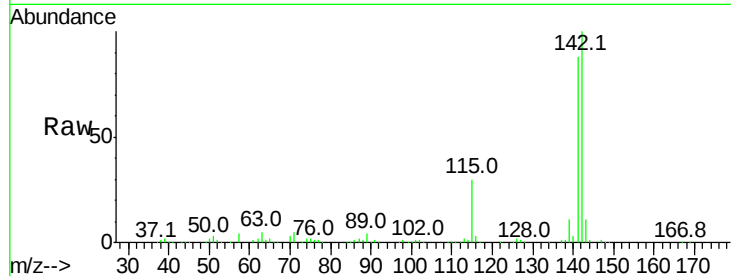




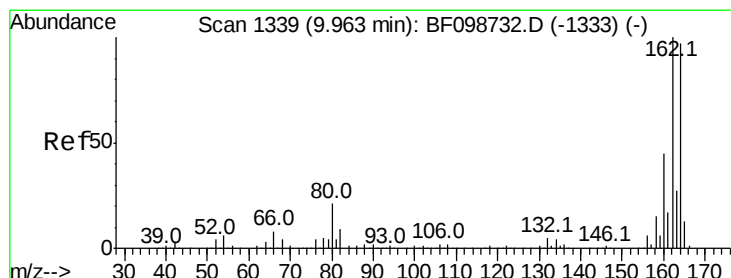
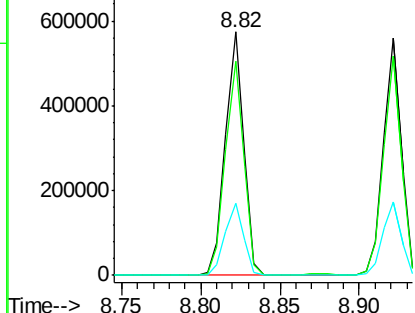
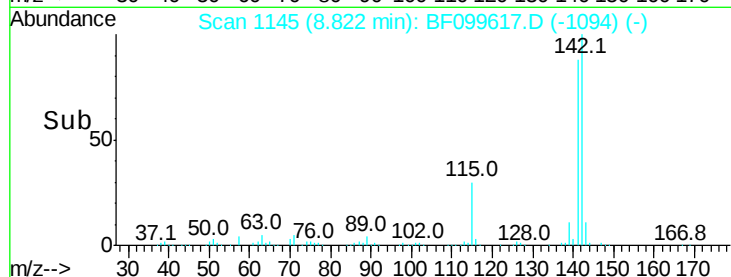
#37
 2-Methylnaphthalene
 Concen: 41.817 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:142 Resp: 461884
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.8 106.2
 115 29.7 26.1 39.1

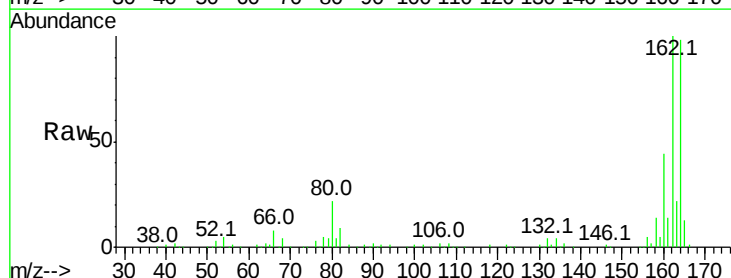


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

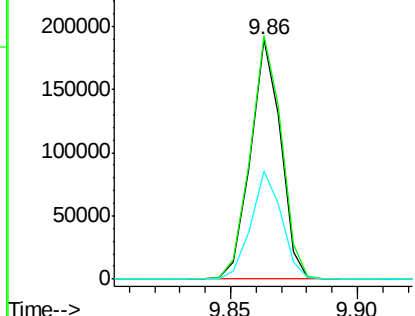
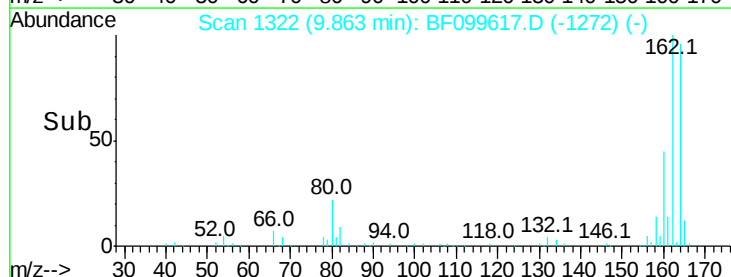


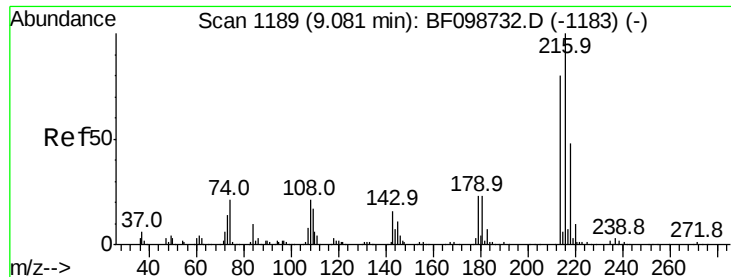
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:164 Resp: 157043
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 45.2 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

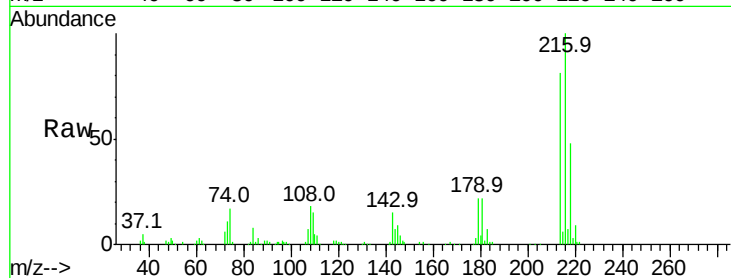




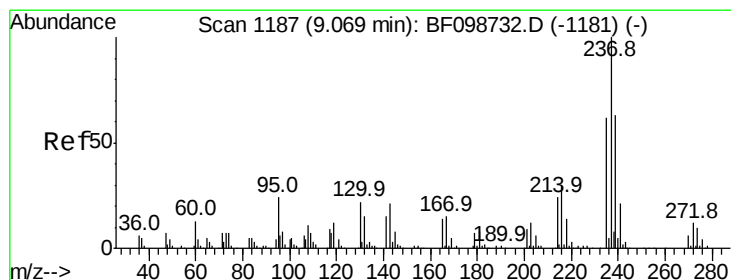
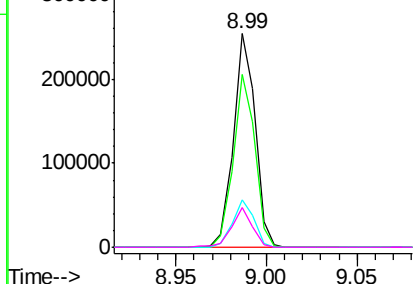
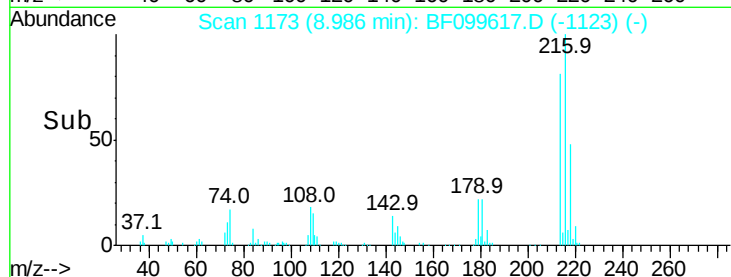
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.403 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	216	Resp:	212641
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	21.9	18.1	27.1
108	17.9	17.2	25.8

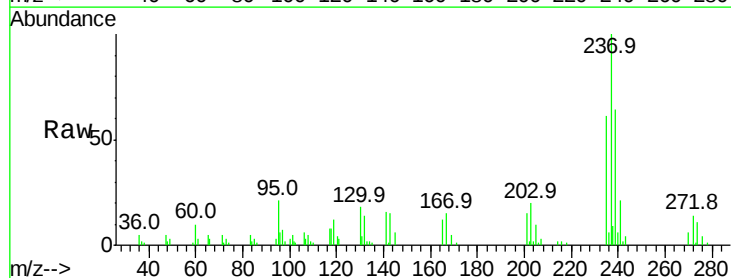


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

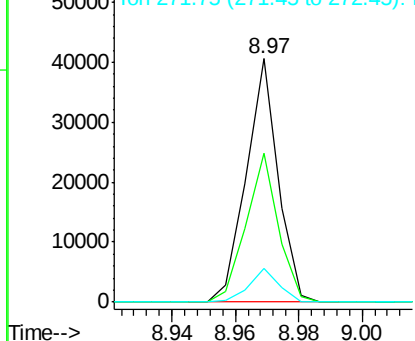
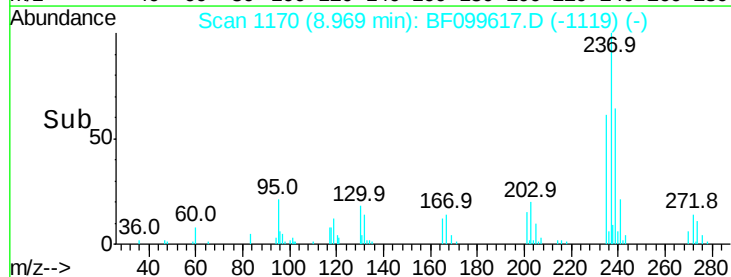


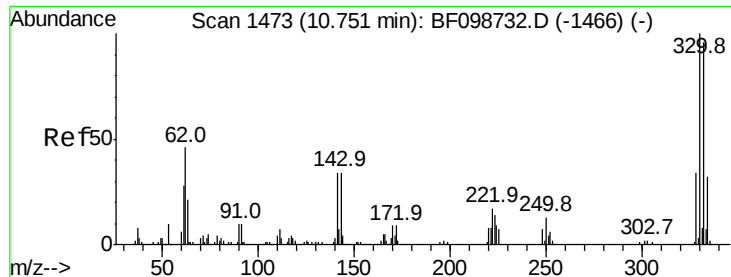
#40
 Hexachlorocyclopentadiene
 Concen: 13.210 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:	237	Resp:	28274
Ion	Ratio	Lower	Upper
237	100		
235	61.0	44.8	84.8
272	13.7	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

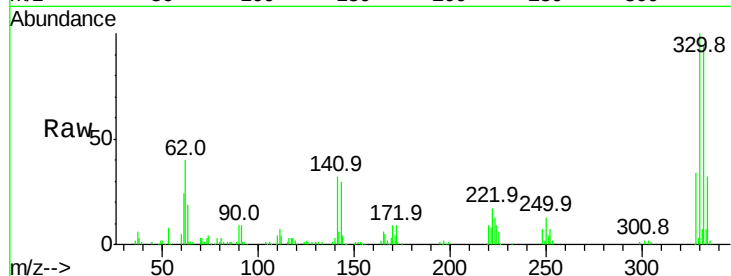




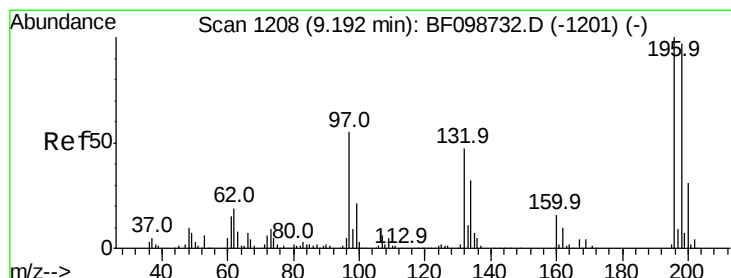
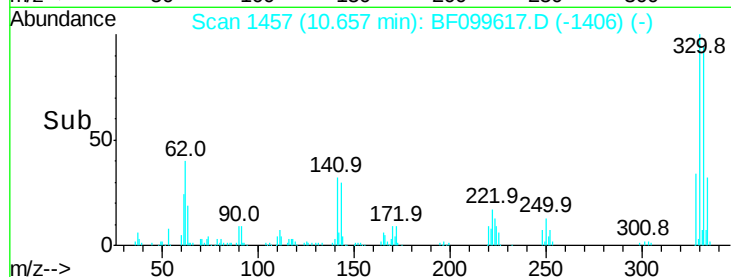
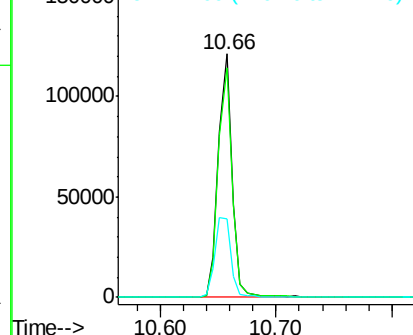
#41
 2,4,6-Tribromophenol
 Concen: 78.612 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 101020
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.9 29.9 44.9

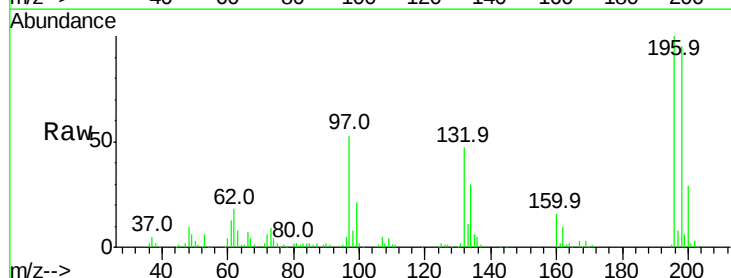


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

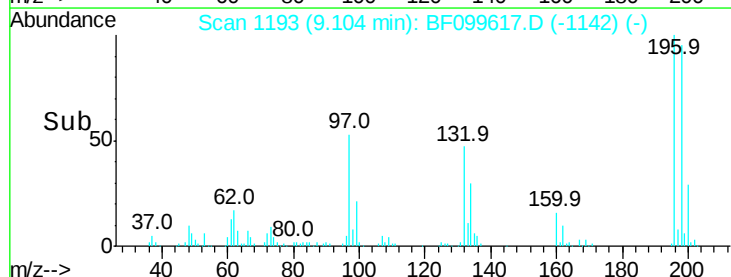
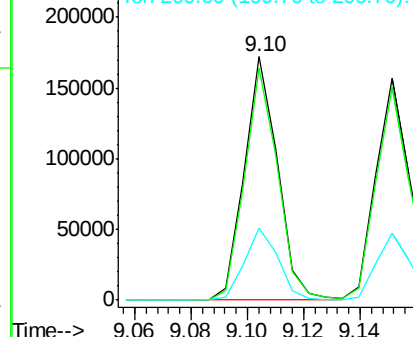


#42
 2,4,6-Trichlorophenol
 Concen: 42.320 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:196 Resp: 140413
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 29.4 24.5 36.7



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

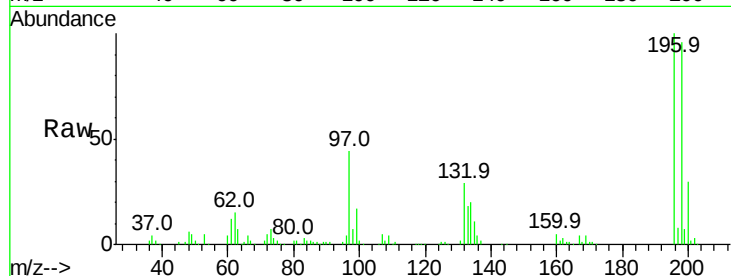




#43
 2,4,5-Trichlorophenol
 Concen: 42.925 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	142171
Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	44.1	42.9	64.3
132	28.9	26.3	39.5



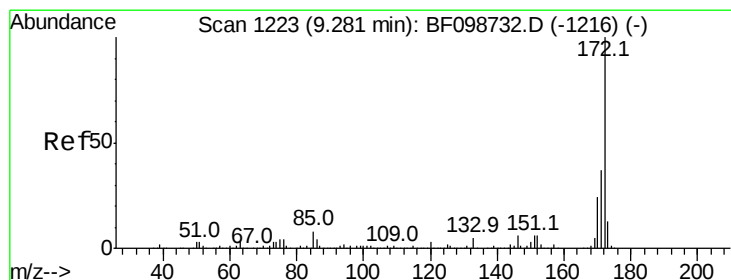
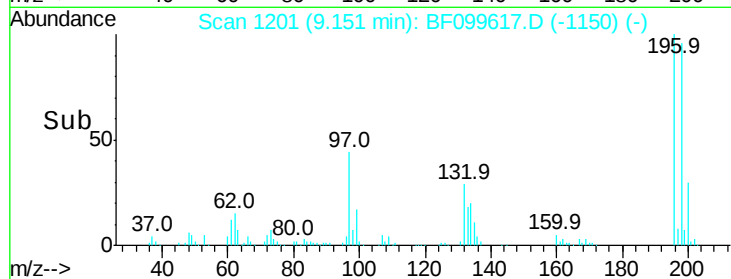
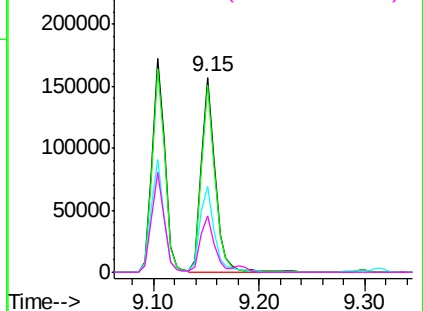
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

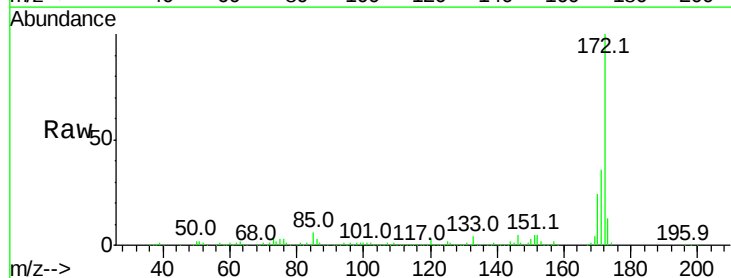
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.278 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:	172	Resp:	849254
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

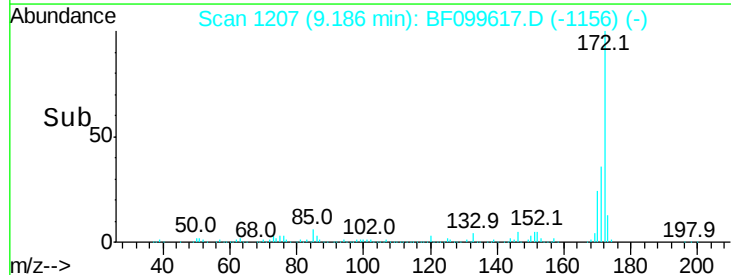
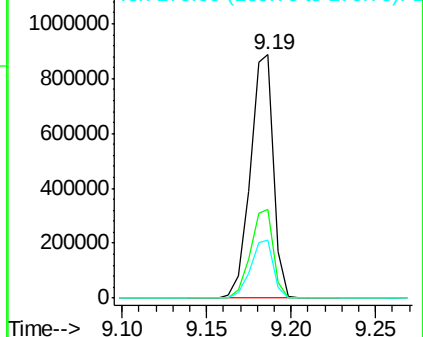


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.901 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

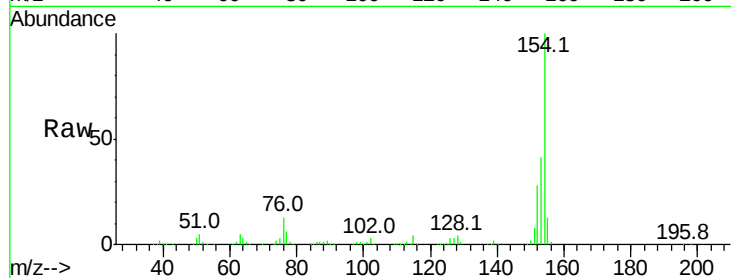
Tot Ion:154 Resp: 592525

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

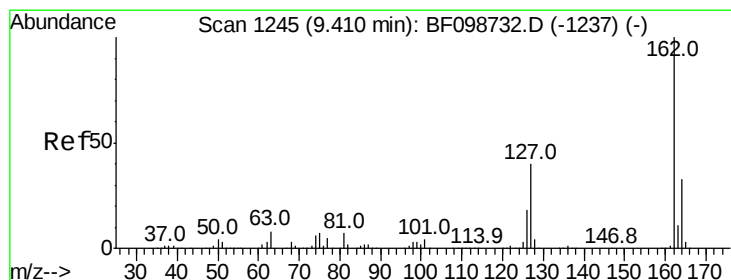
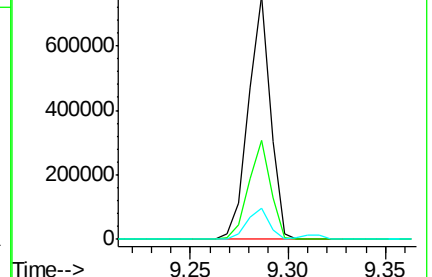
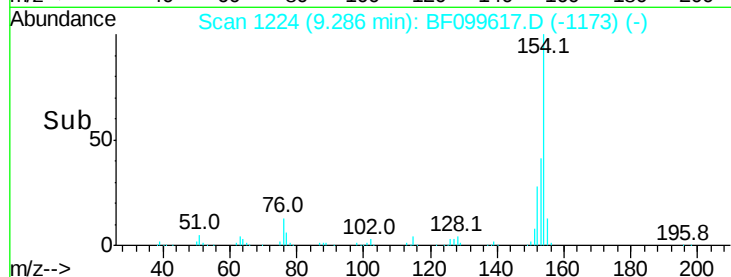
76 12.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.771 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

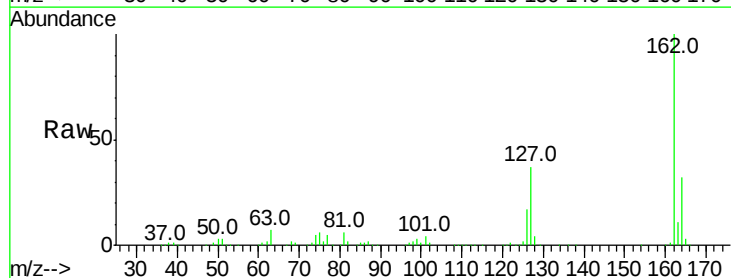
Tgt Ion:162 Resp: 443563

Ion Ratio Lower Upper

162 100

127 36.6 33.9 50.9

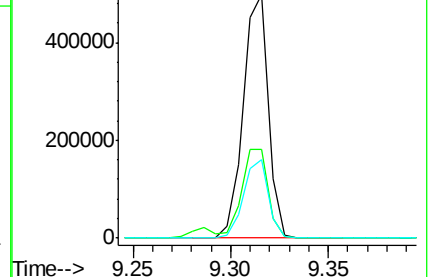
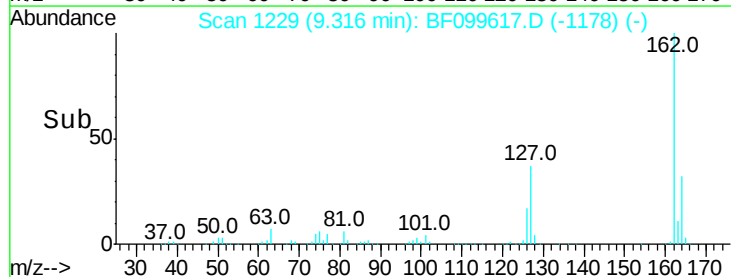
164 32.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

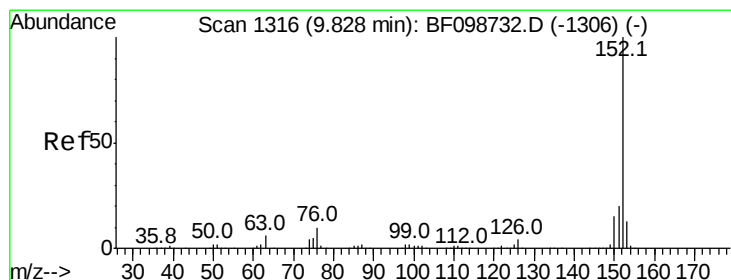
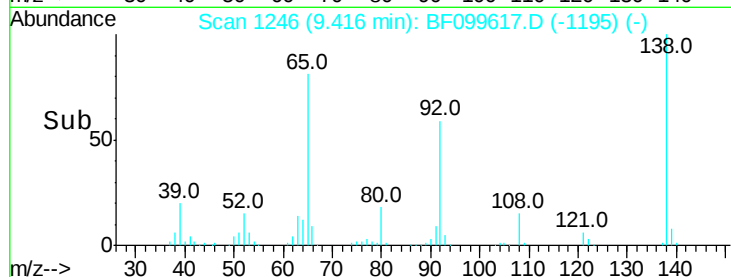
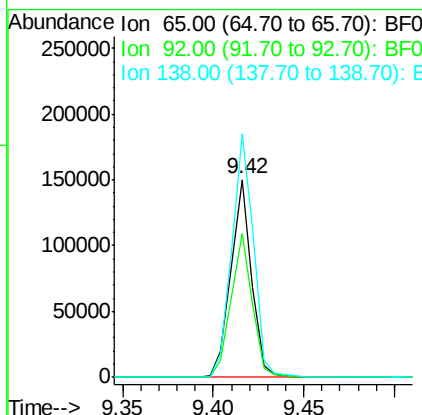
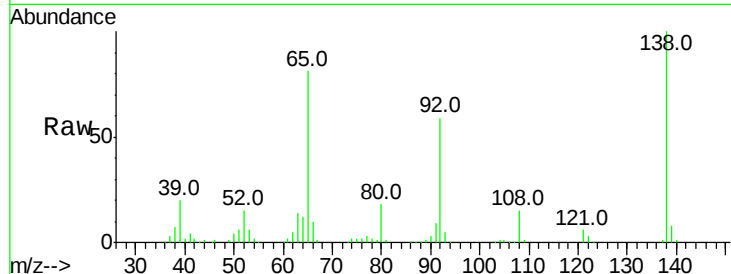




#47
 2-Nitroaniline
 Concen: 38.803 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

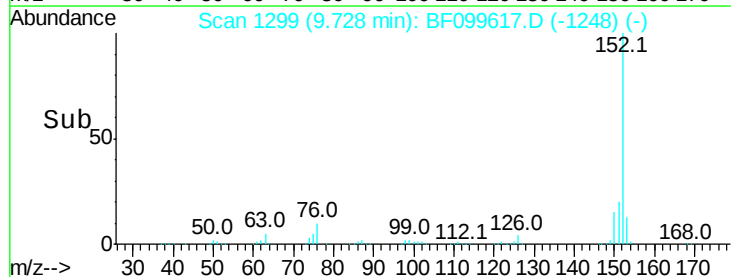
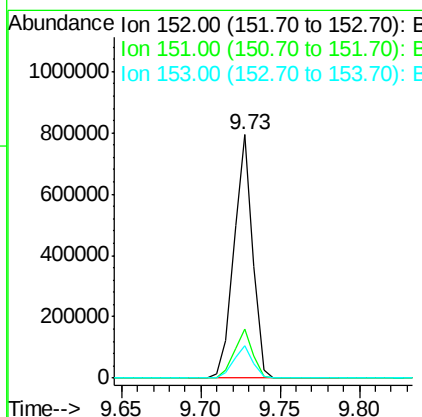
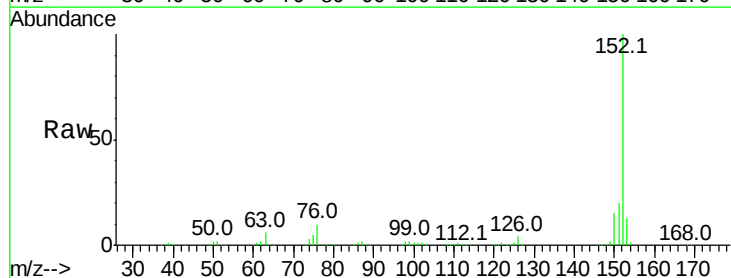
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

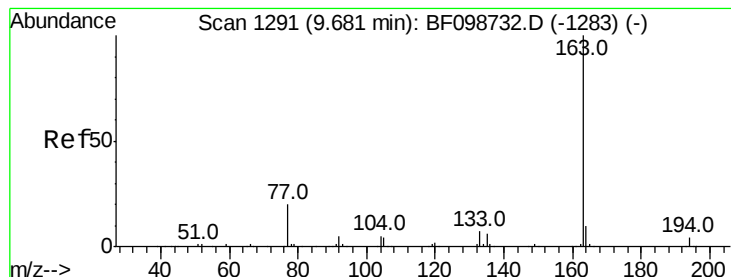
Tot Ion: 65 Resp: 120405
 Ion Ratio Lower Upper
 65 100
 92 72.9 55.8 83.6
 138 123.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.619 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion: 152 Resp: 645646
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 44.122 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

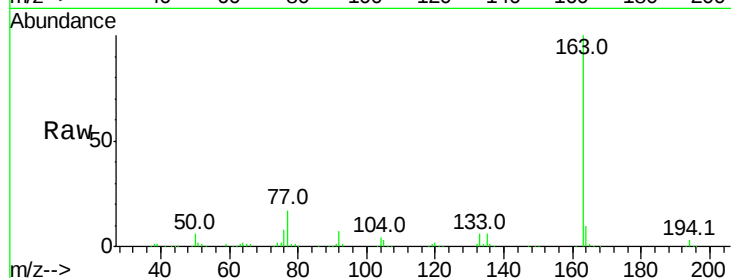
Tot Ion:163 Resp: 522968

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

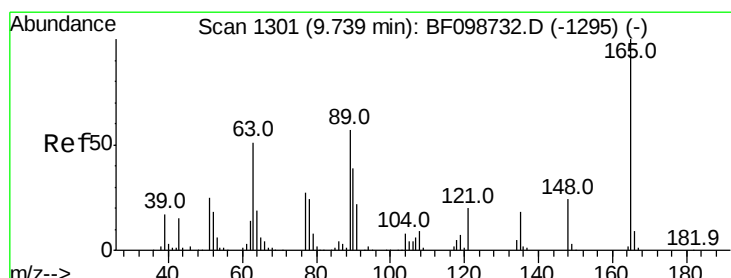
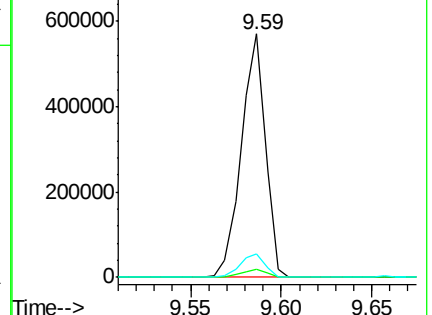
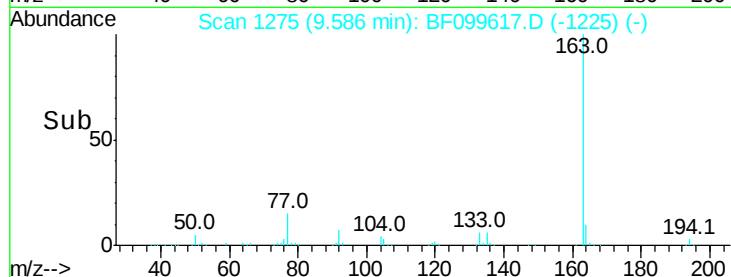
164 9.9 8.2 12.2



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: 43.672 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

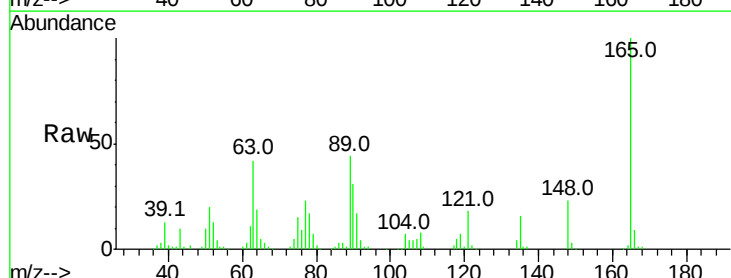
Tgt Ion:165 Resp: 112692

Ion Ratio Lower Upper

165 100

63 41.8 44.7 67.1#

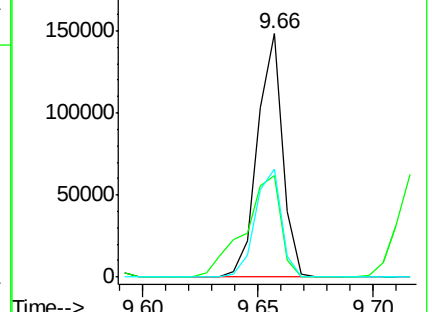
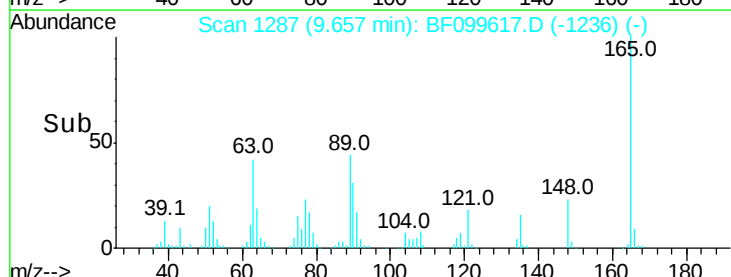
89 44.2 44.0 66.0

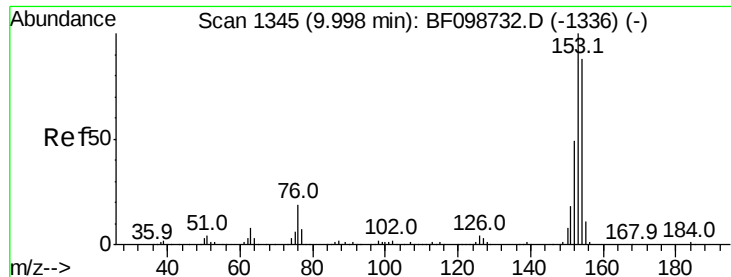


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.938 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

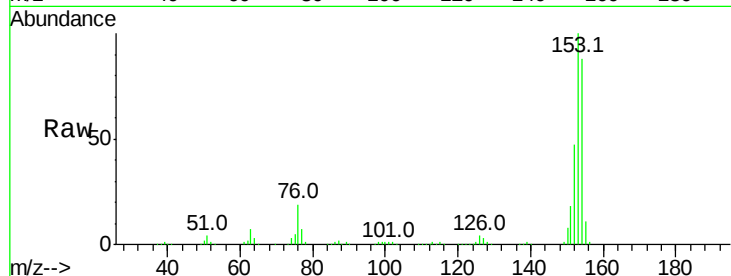
Tot Ion:154 Resp: 382640

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

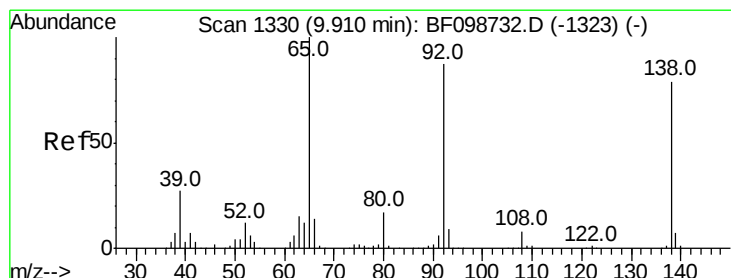
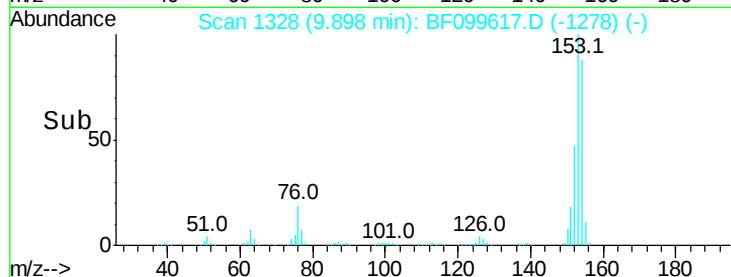
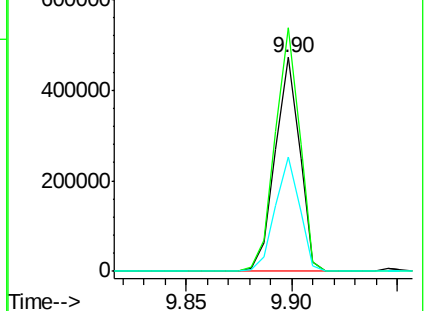
152 53.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.118 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

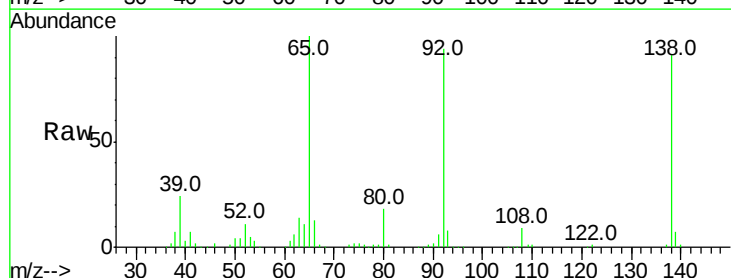
Tgt Ion:138 Resp: 126725

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

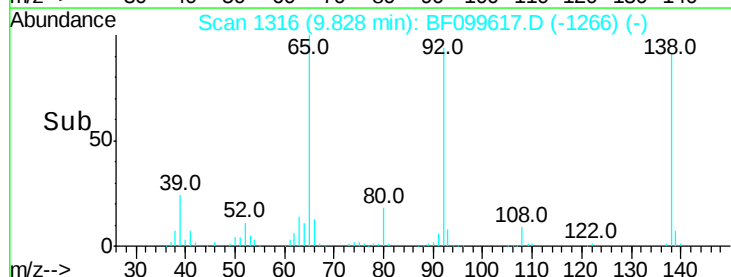
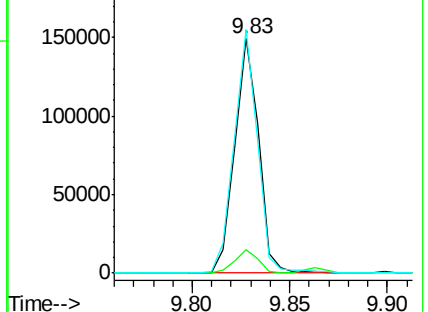
92 103.8 89.4 134.2



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

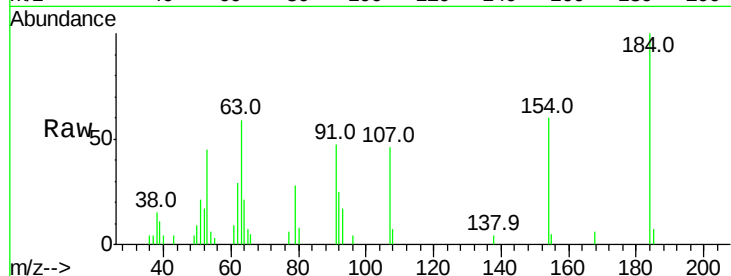




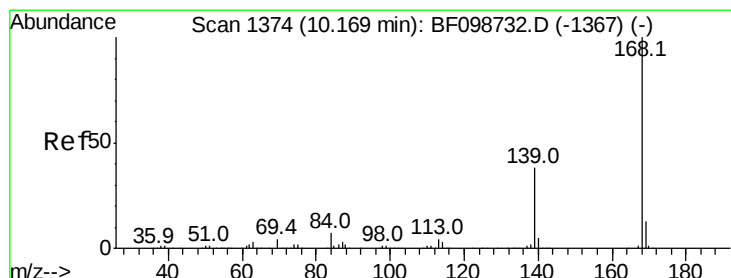
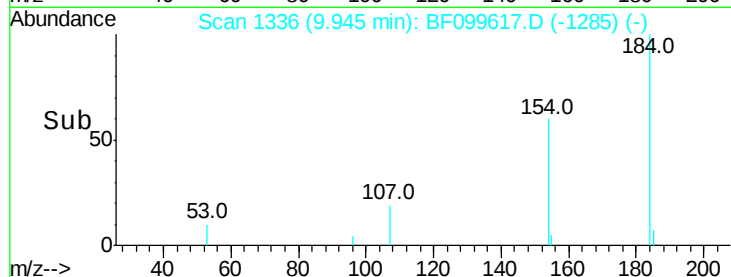
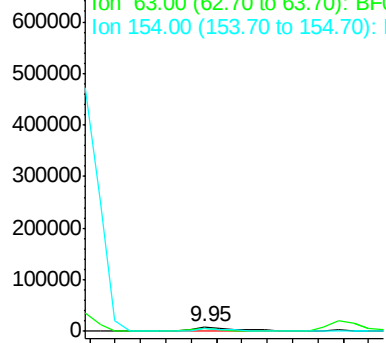
#53
2,4-Dinitrophenol
Concen: 13.192 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 10670
Ion Ratio Lower Upper
184 100
63 58.9 54.2 81.2
154 59.5 53.5 80.3

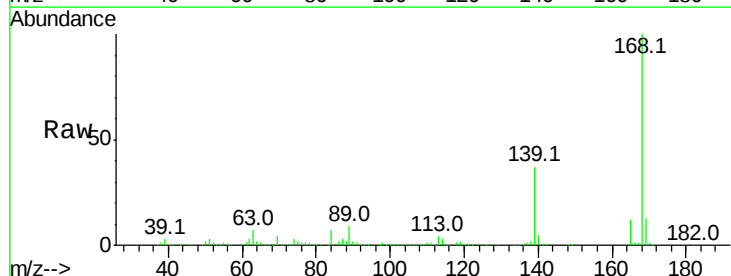


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

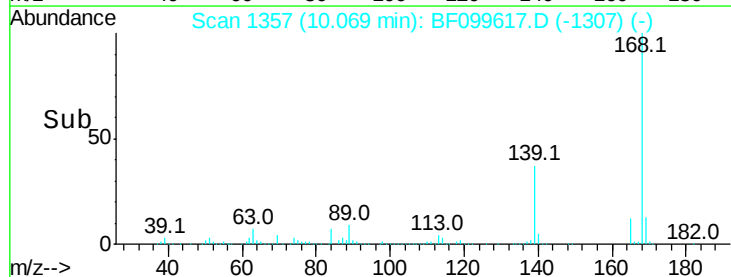
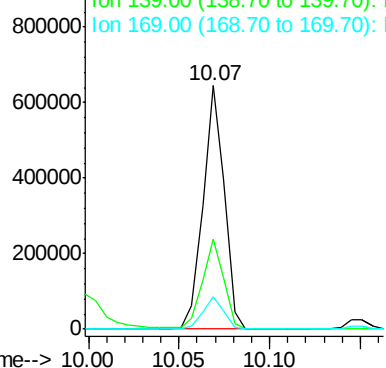


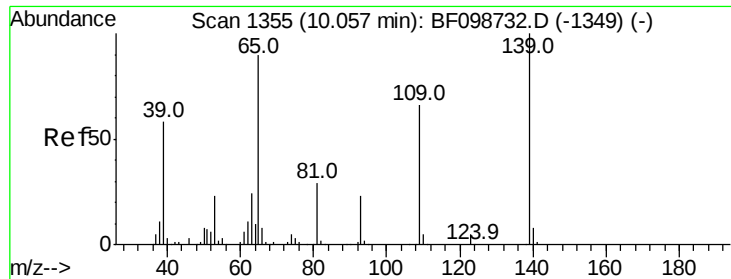
#54
Dibenzofuran
Concen: 40.087 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:168 Resp: 524493
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.5 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

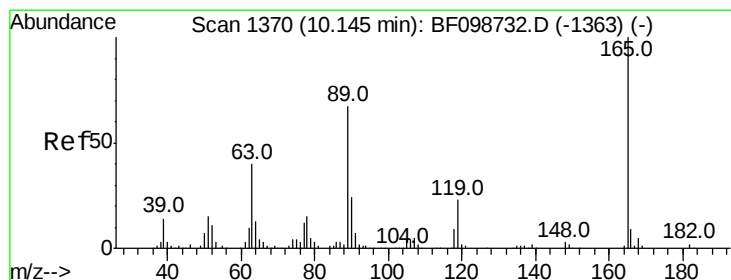
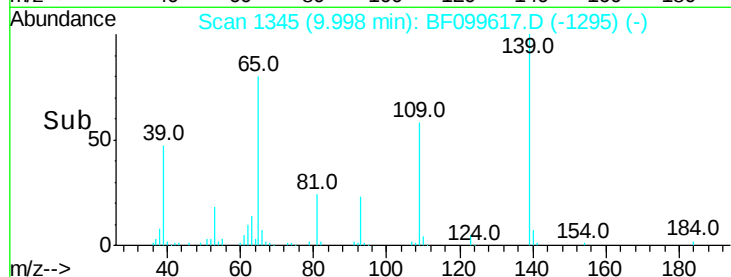
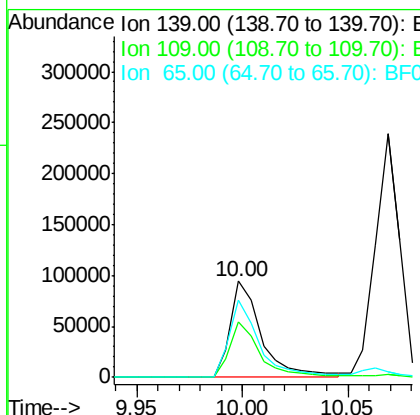
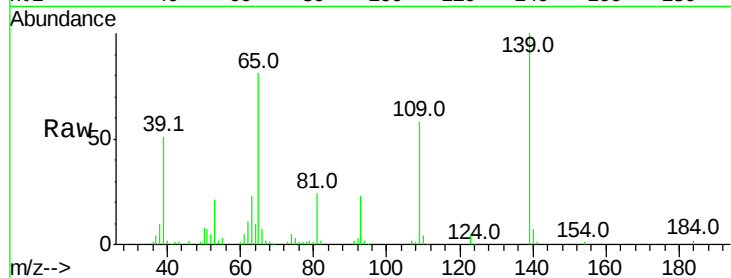




#55
4-Nitrophenol
Concen: 38.353 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

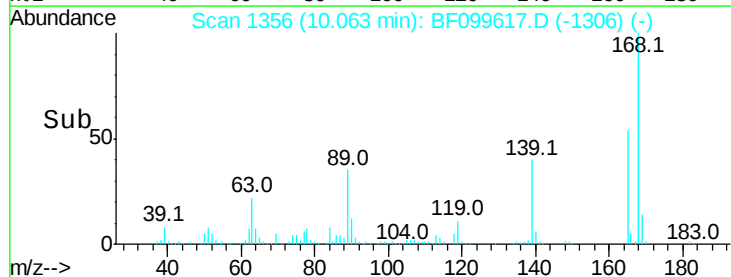
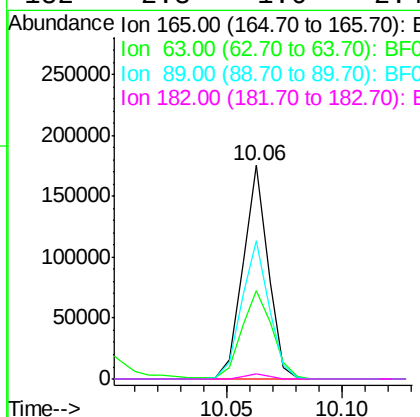
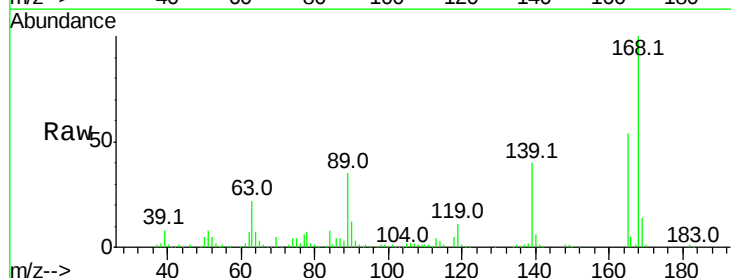
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 97576
Ion Ratio Lower Upper
139 100
109 57.8 48.4 88.4
65 81.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.947 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:165 Resp: 133780
Ion Ratio Lower Upper
165 100
63 41.6 36.4 54.6
89 64.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 41.523 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

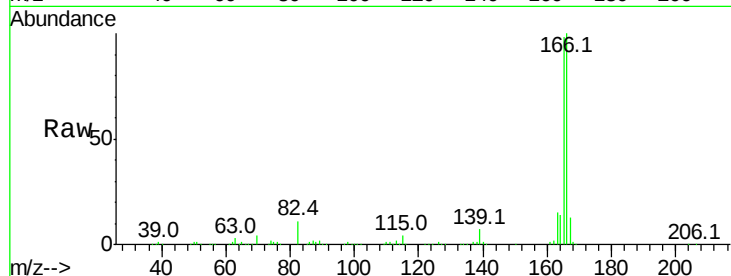
Tot Ion:166 Resp: 436675

Ion Ratio Lower Upper

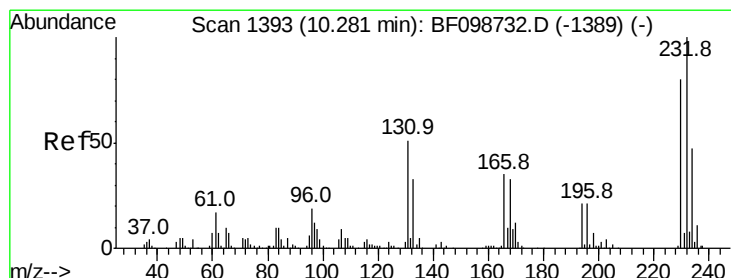
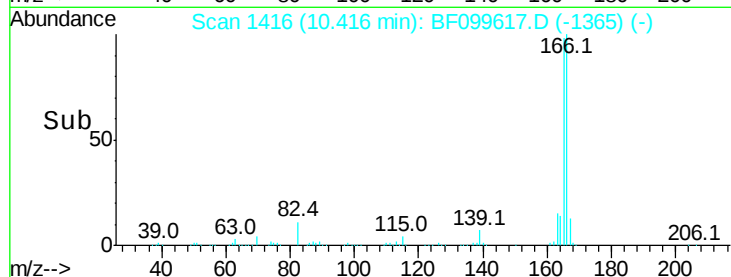
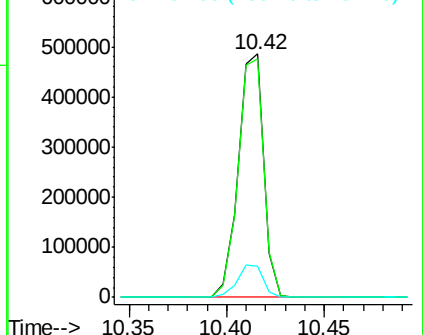
166 100

165 98.2 79.8 119.8

167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.735 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Tgt Ion:232 Resp: 84050

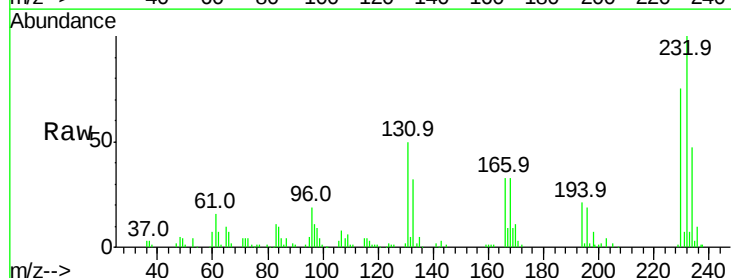
Ion Ratio Lower Upper

232 100

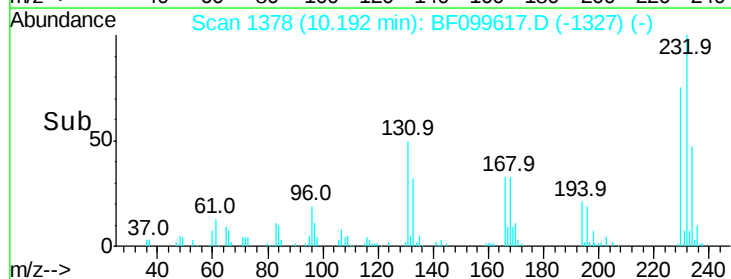
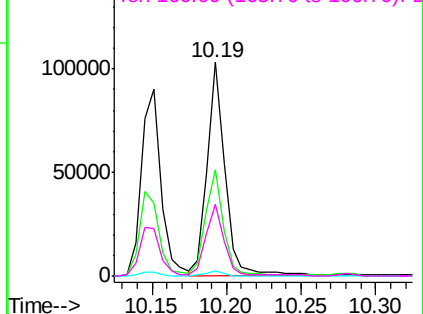
131 51.8 43.8 65.8

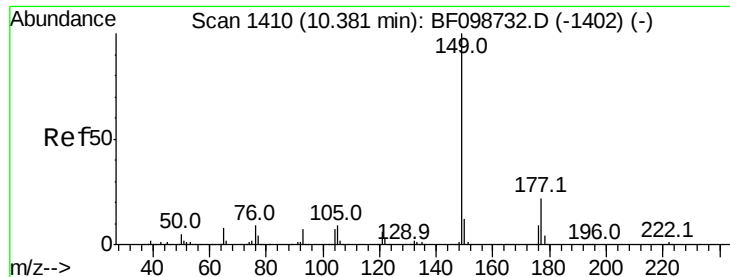
130 2.2 2.1 3.1

166 35.0 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

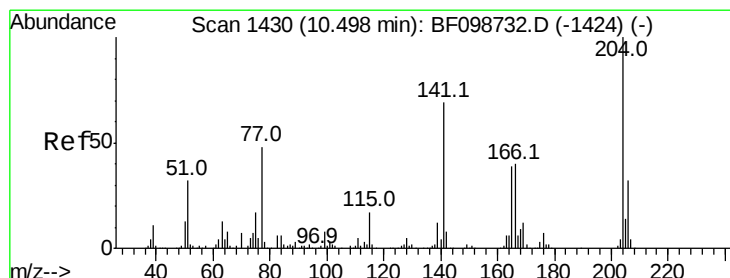
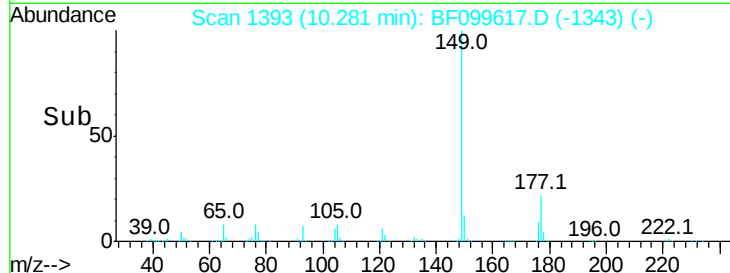
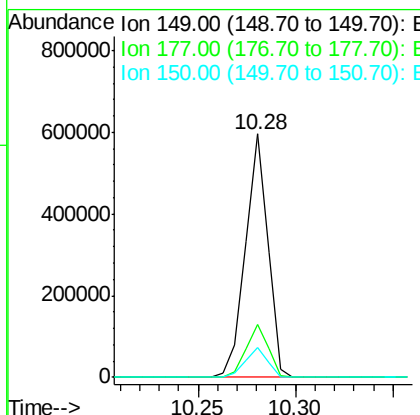
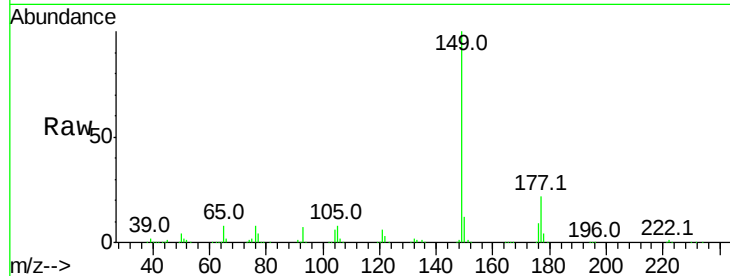




#59
Diethylphthalate
Concen: 40.973 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

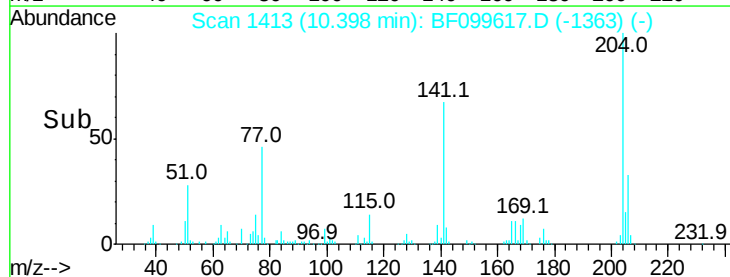
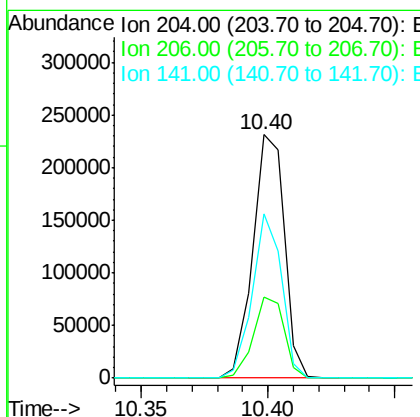
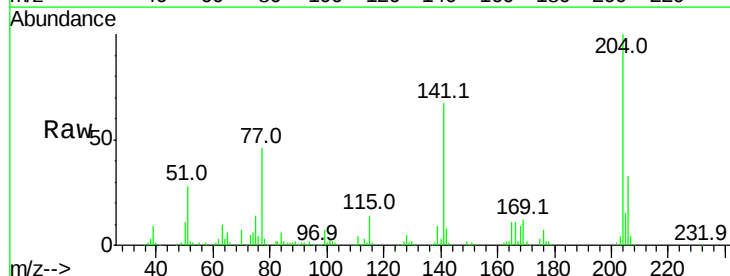
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

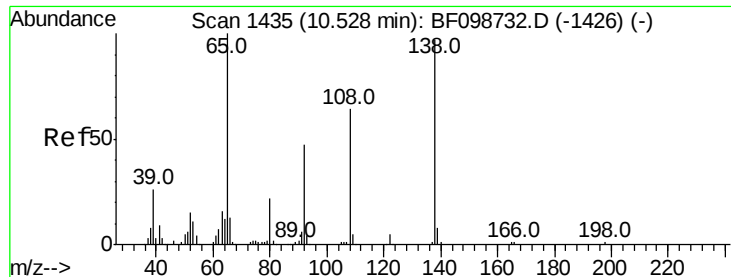
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.504 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	67.2	54.6	81.8

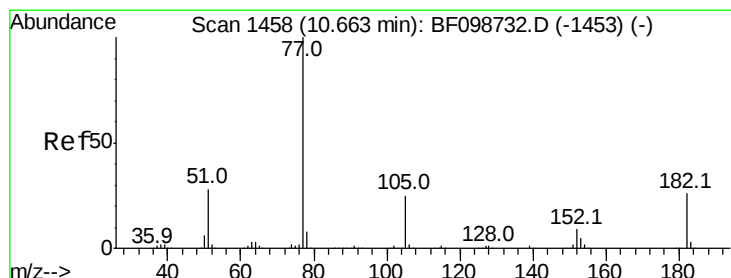
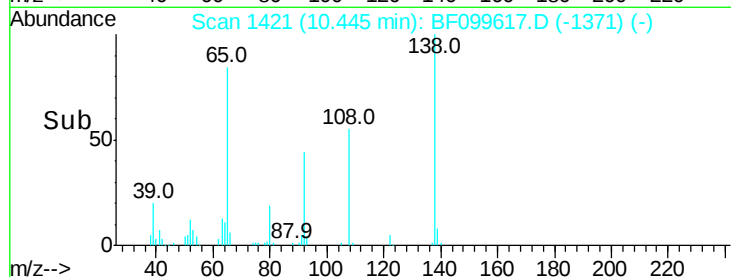
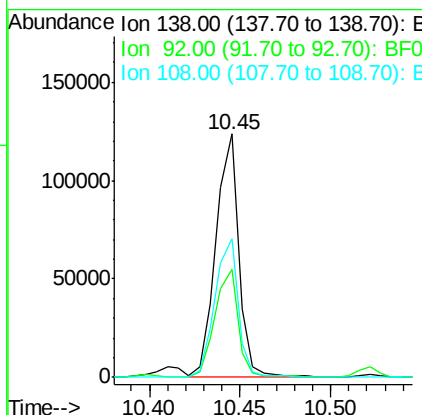
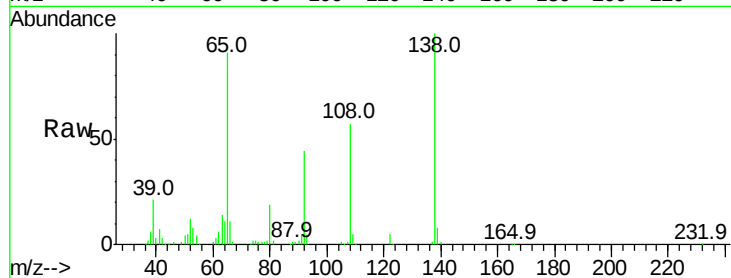




#61
4-Nitroaniline
Concen: 37.255 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

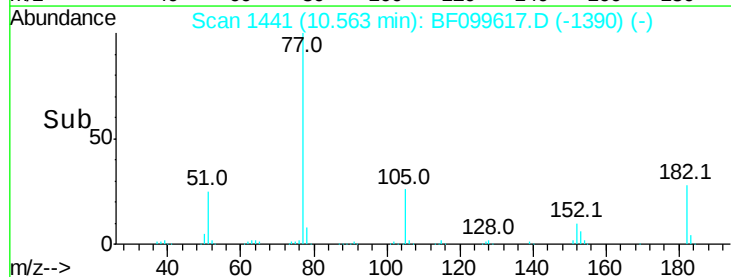
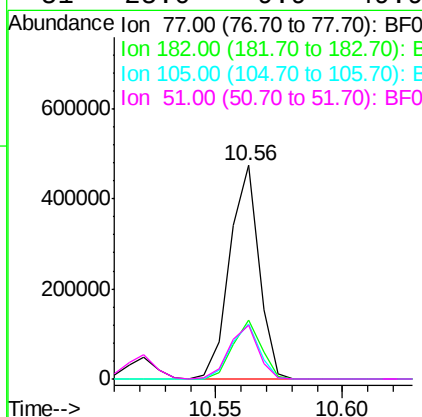
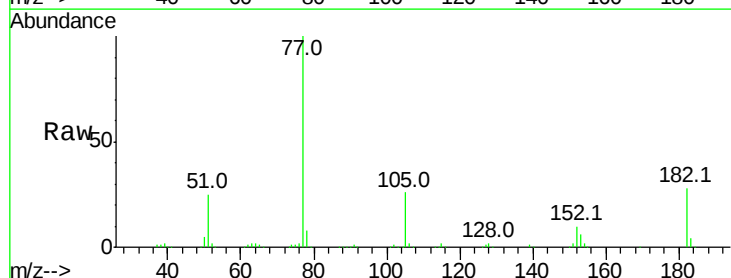
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

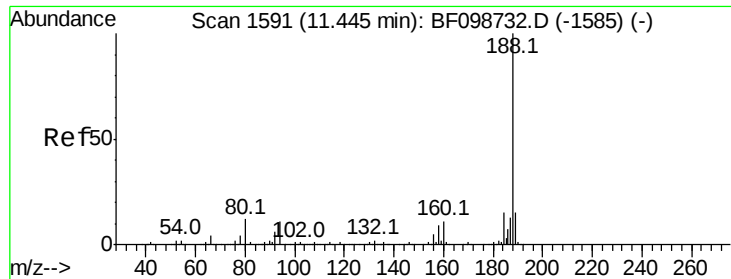
Tot Ion:138 Resp: 108143
Ion Ratio Lower Upper
138 100
92 44.1 30.2 70.2
108 57.0 52.5 92.5



#62
Azobenzene
Concen: 35.545 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion: 77 Resp: 378521
Ion Ratio Lower Upper
77 100
182 27.7 1.7 41.7
105 25.9 3.0 43.0
51 25.0 9.9 49.9

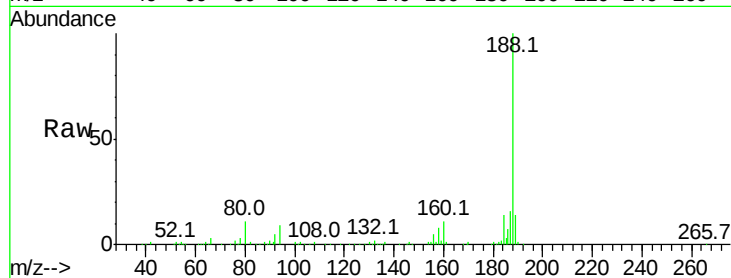




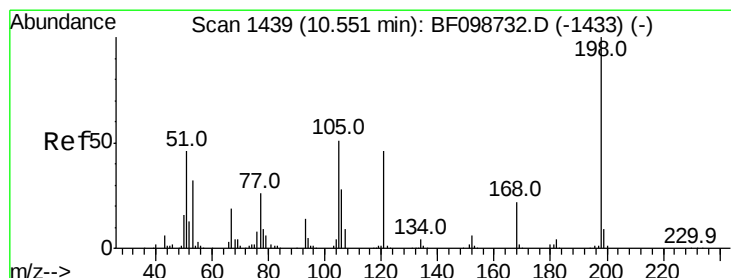
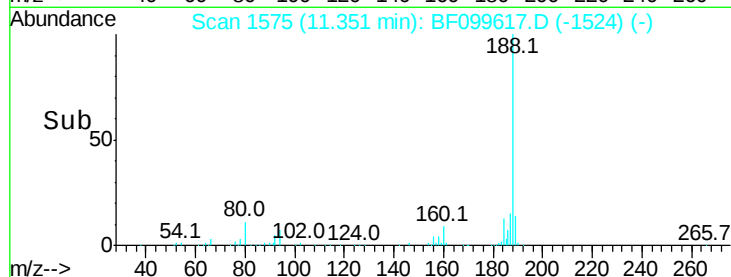
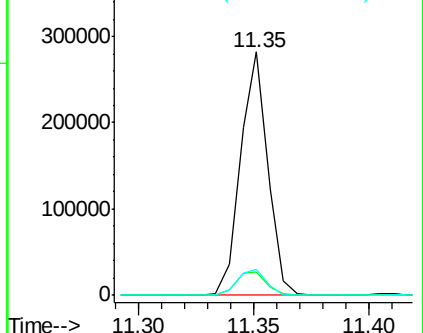
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 231526
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.8 9.2 13.8

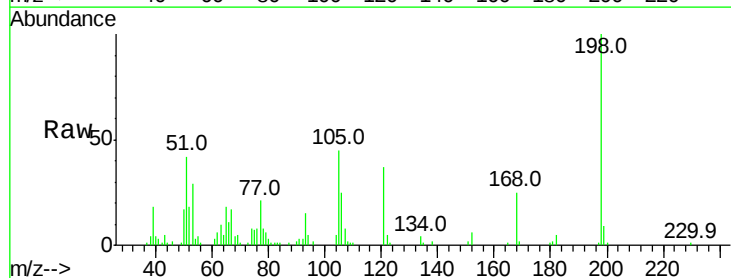


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

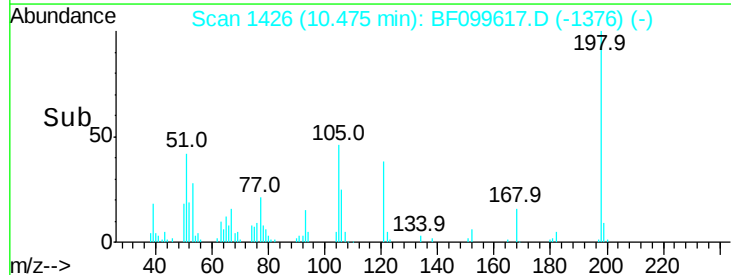
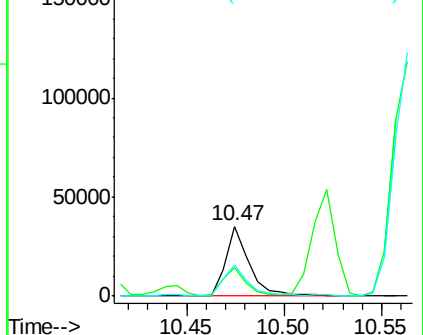


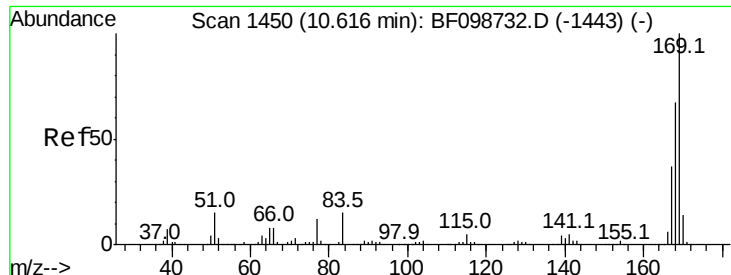
#64
4,6-Dinitro-2-methylphenol
Concen: 20.761 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:198 Resp: 29245
Ion Ratio Lower Upper
198 100
51 41.6 37.7 77.7
105 44.9 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

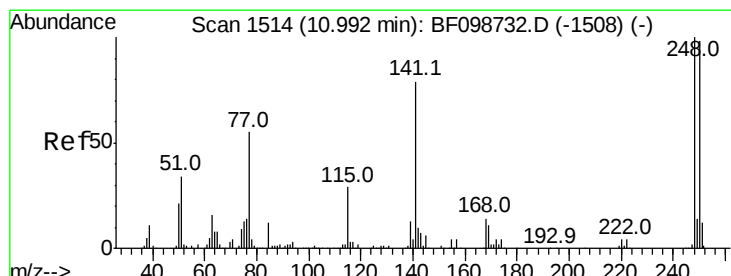
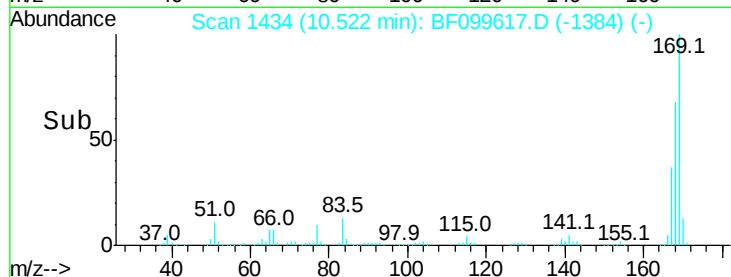
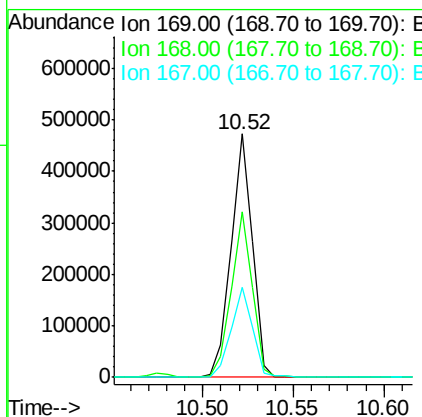
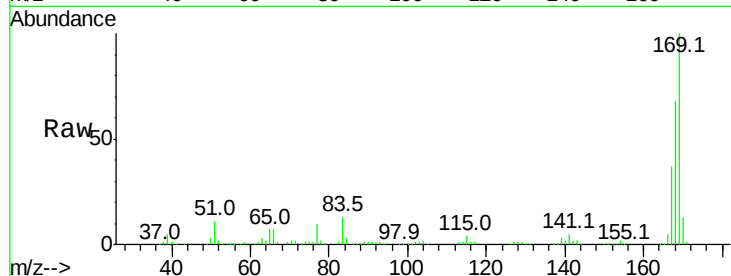




#65
n-Nitrosodiphenylamine
Concen: 48.320 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

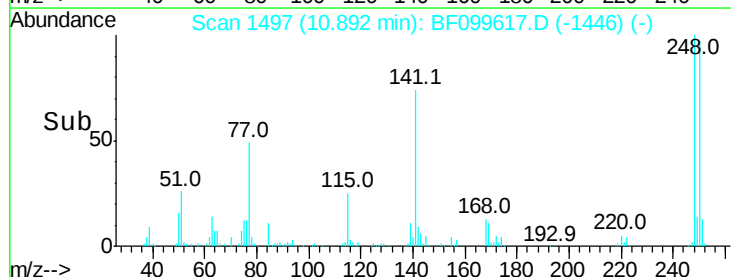
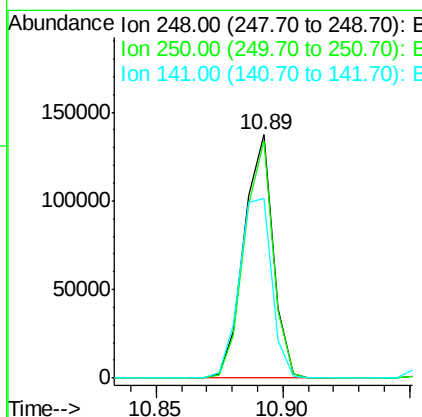
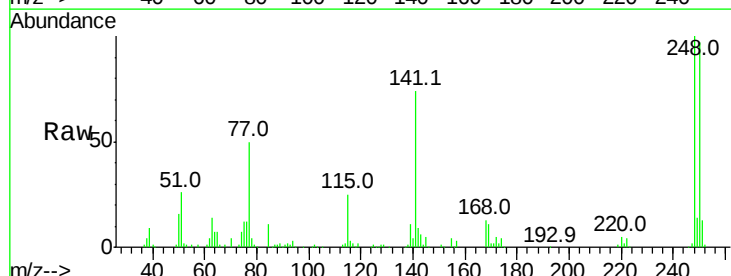
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 387567
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 36.9 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 48.387 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:248 Resp: 109658
Ion Ratio Lower Upper
248 100
250 97.3 76.9 115.3
141 73.9 74.4 111.6#





#67

Hexachlorobenzene

Concen: 46.103 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

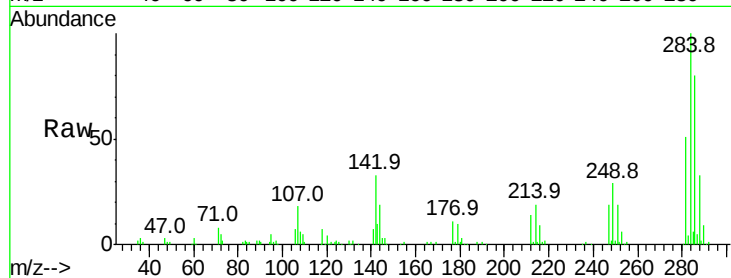
Tot Ion:284 Resp: 111591

Ion Ratio Lower Upper

284 100

142 33.2 34.6 52.0#

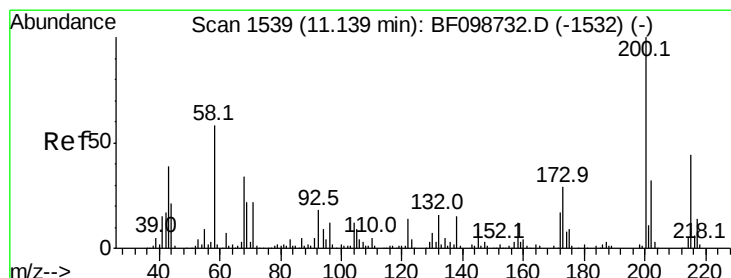
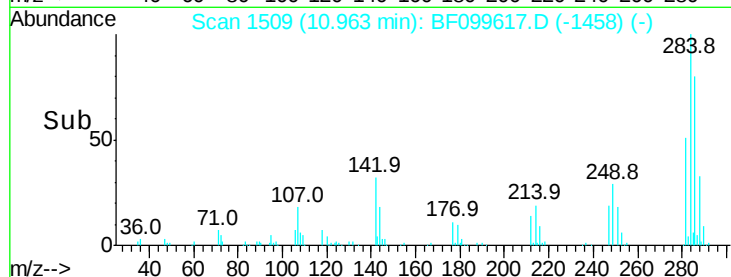
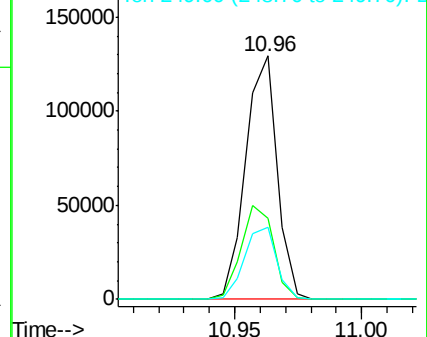
249 29.4 24.8 37.2



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: 44.004 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

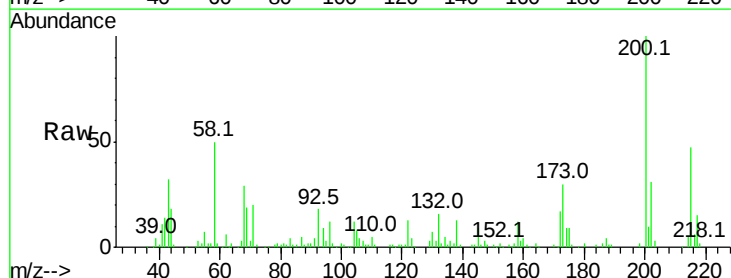
Tgt Ion:200 Resp: 106191

Ion Ratio Lower Upper

200 100

173 29.7 8.6 48.6

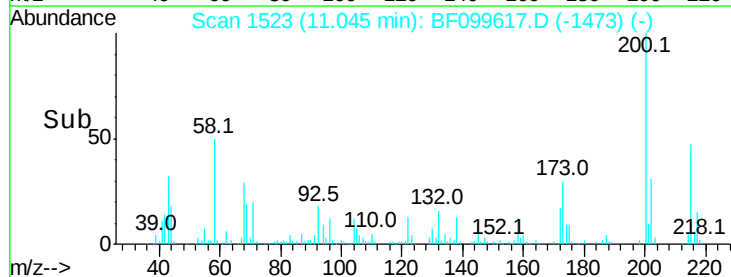
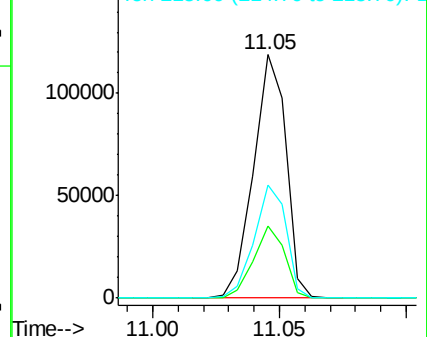
215 46.6 25.1 65.1



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

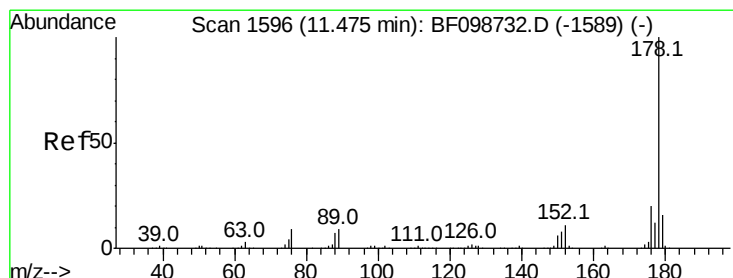
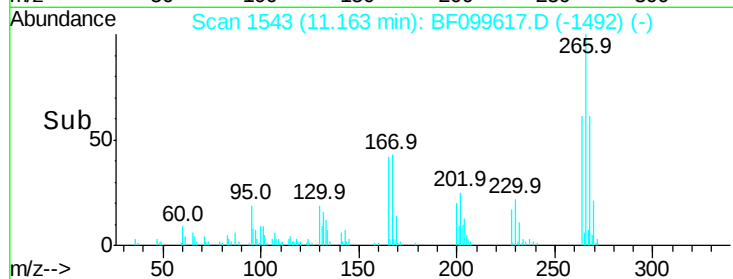
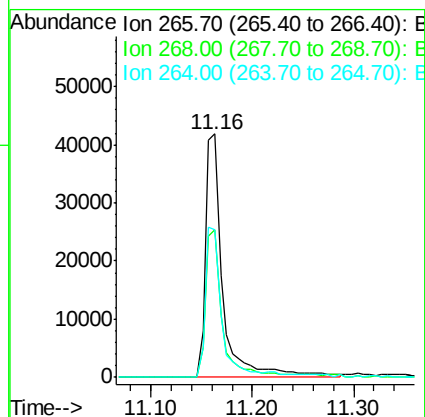
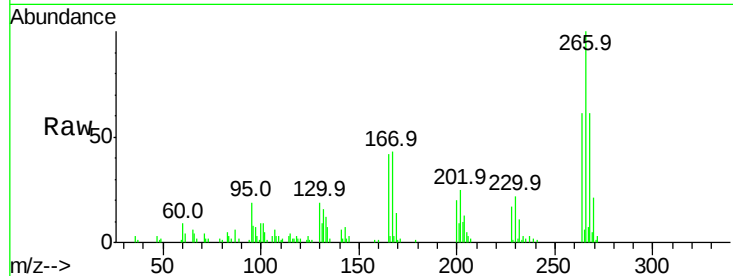




#69
 Pentachlorophenol
 Concen: 32.939 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

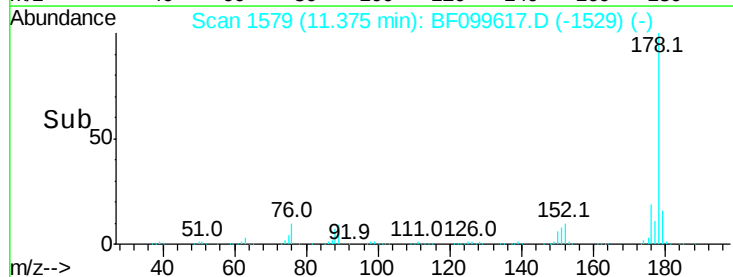
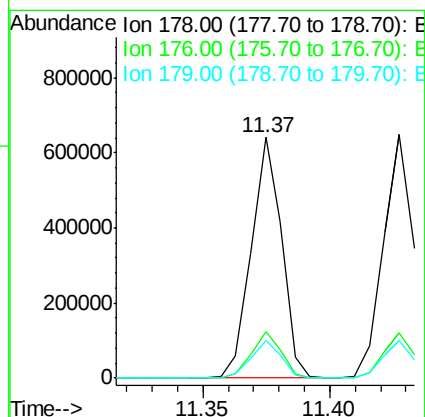
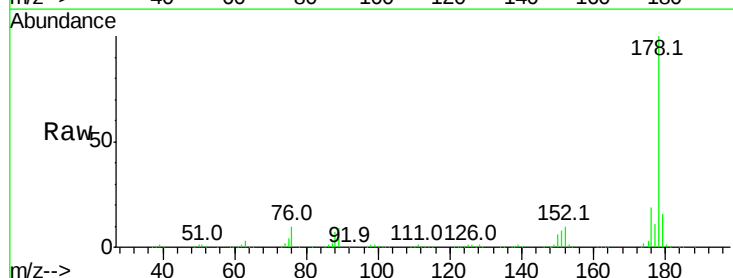
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 49619
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.1 76.7
 264 60.7 49.5 74.3



#70
 Phenanthrene
 Concen: 43.078 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:178 Resp: 533864
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 13.0 19.6





#71

Anthracene

Concen: 42.453 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

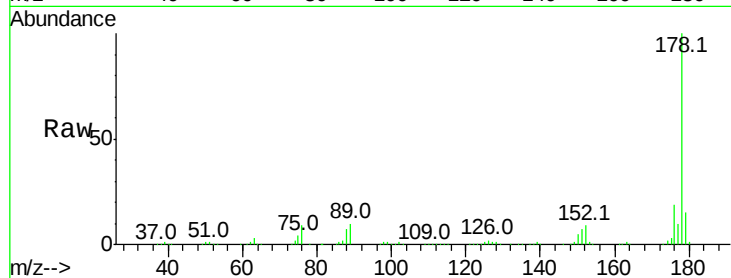
Tot Ion:178 Resp: 538324

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

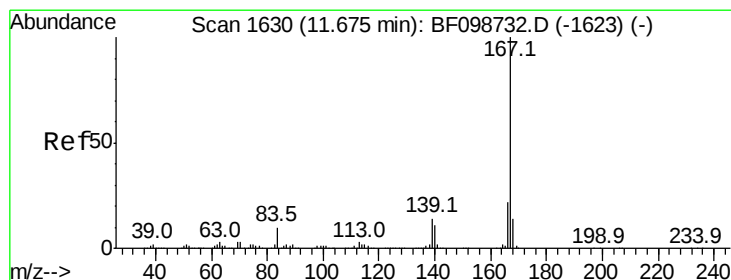
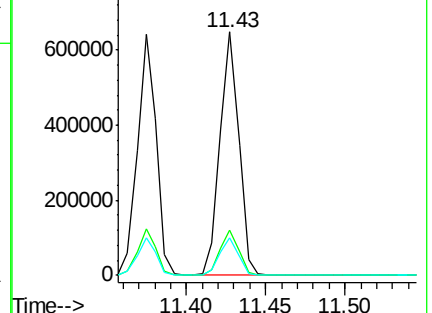
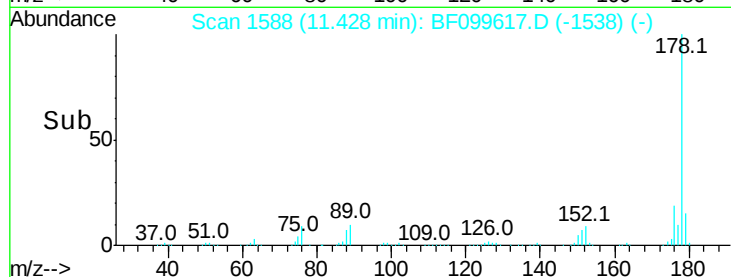
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.171 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

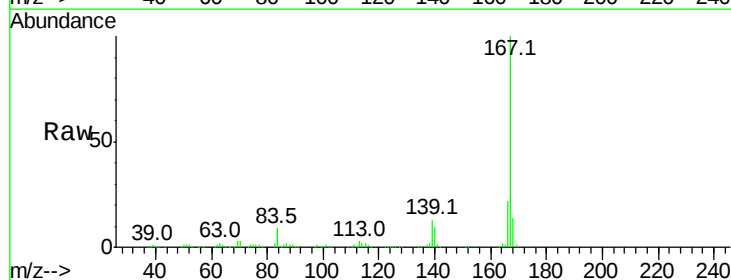
Tgt Ion:167 Resp: 498821

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

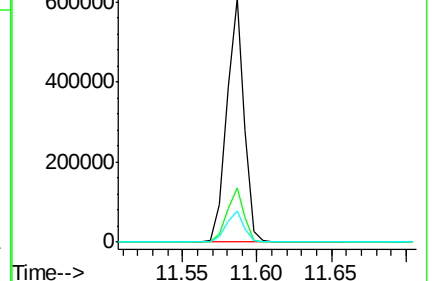
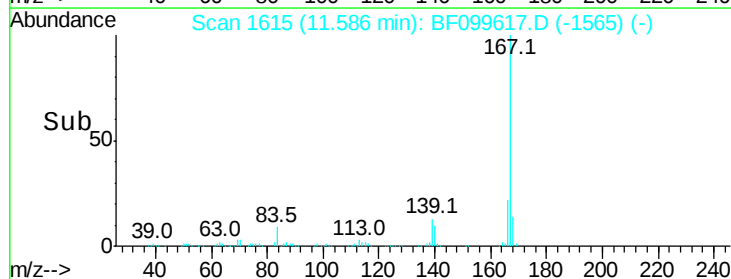
139 12.8 10.9 16.3

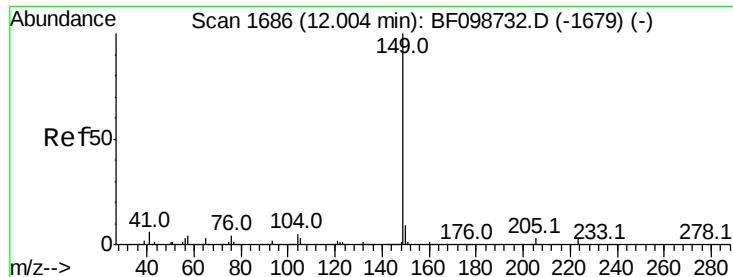


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

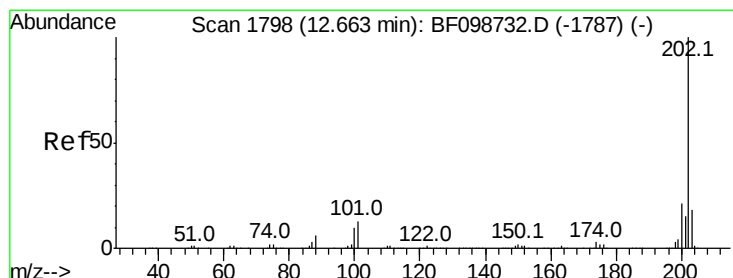
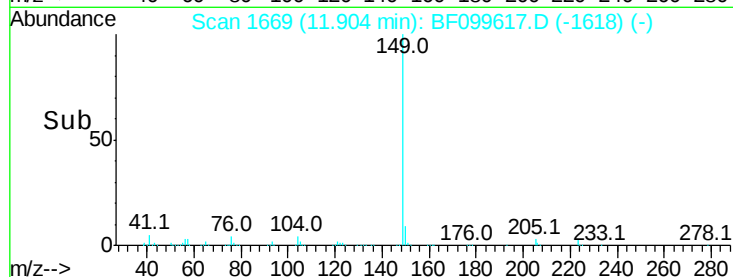
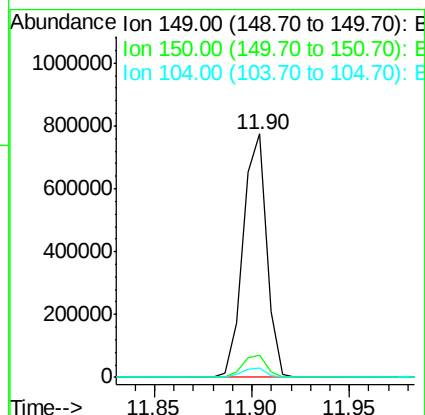
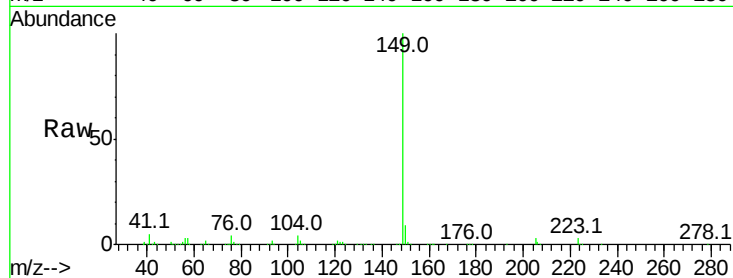




#73
Di-n-butylphthalate
Concen: 43.370 ng
RT: 11.90 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

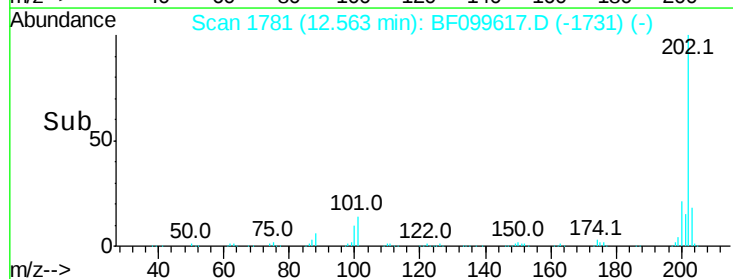
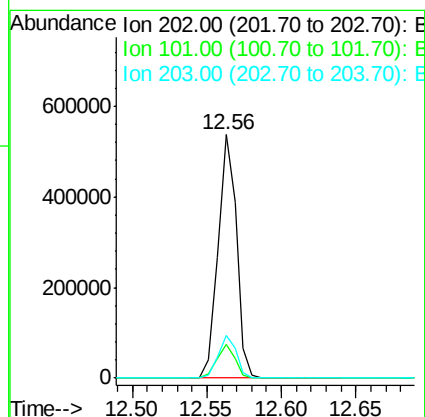
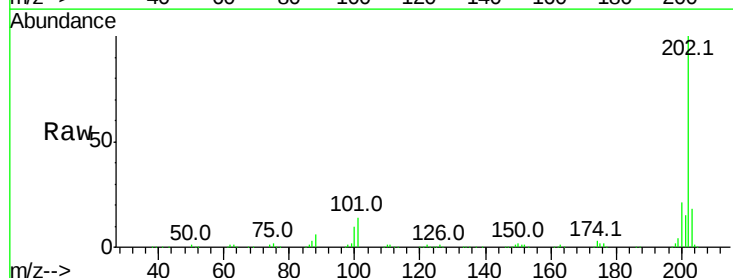
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

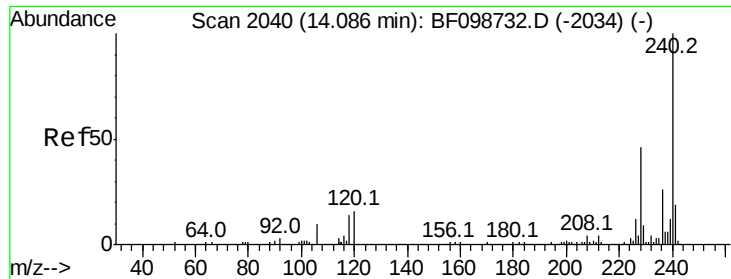
Tot Ion:149 Resp: 648234
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.0 3.8 5.8



#74
Fluoranthene
Concen: 36.939 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:202 Resp: 463558
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.1
203 17.5 0.0 38.1

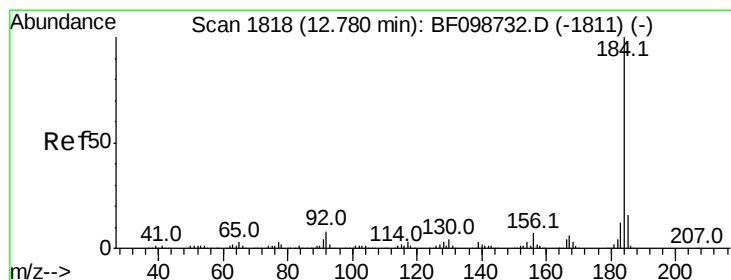
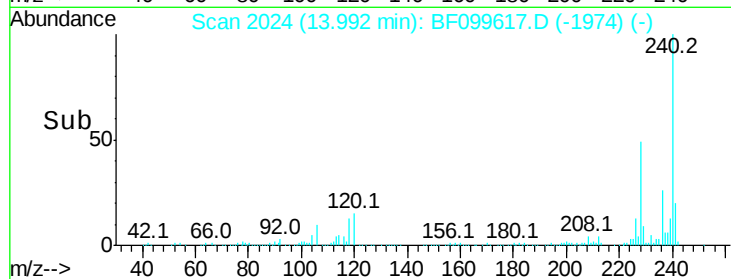
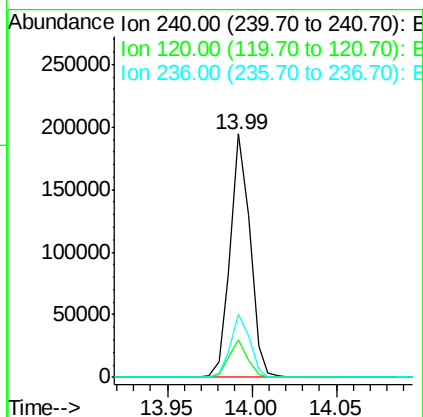
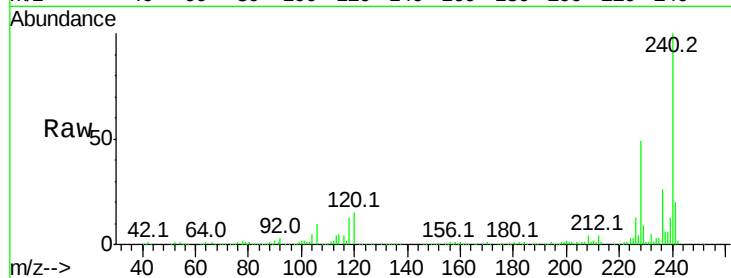




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

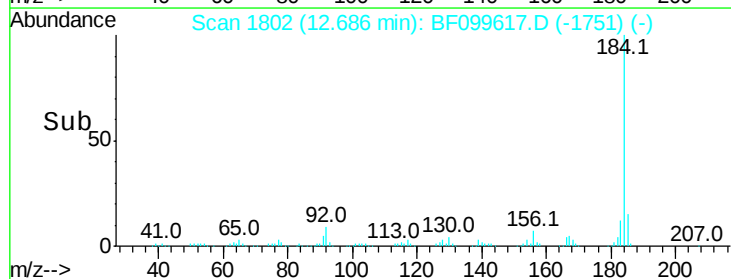
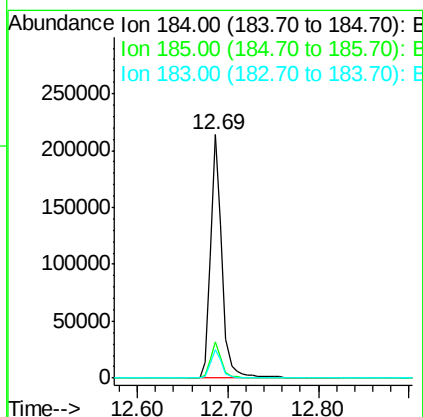
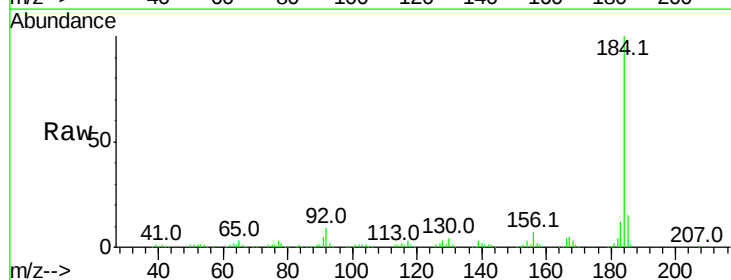
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

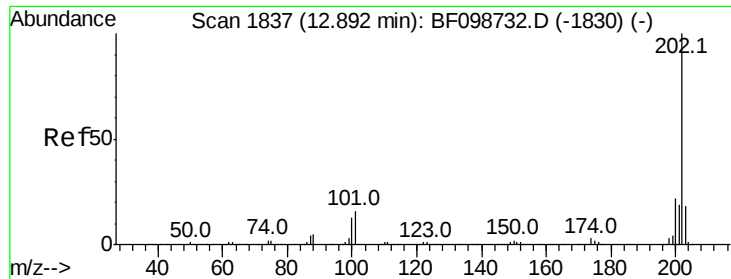
Tot Ion:240 Resp: 157991
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 25.8 20.7 31.1



#76
Benzidine
Concen: 32.739 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:184 Resp: 191310
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.8 9.3 13.9





#77

Pvrene

Concen: 39.104 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

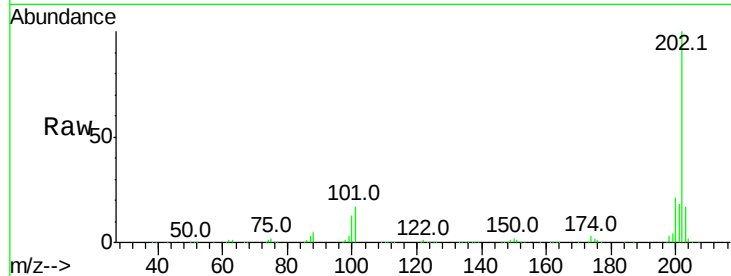
Tot Ion:202 Resp: 471098

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

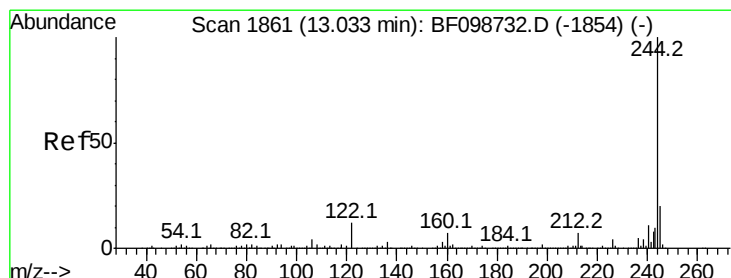
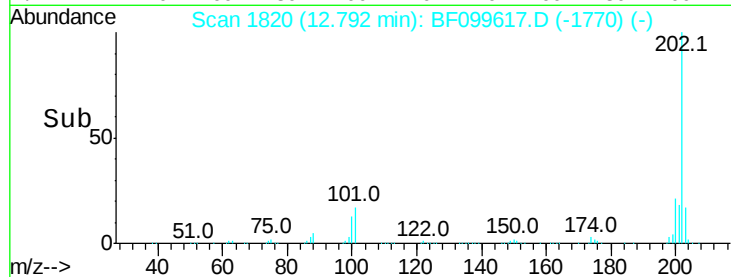
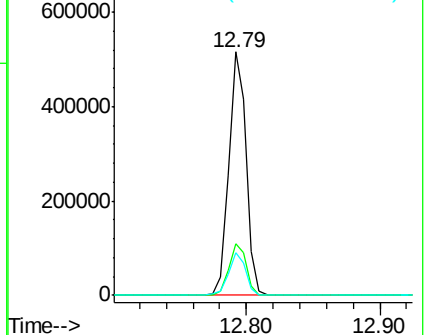
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.388 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

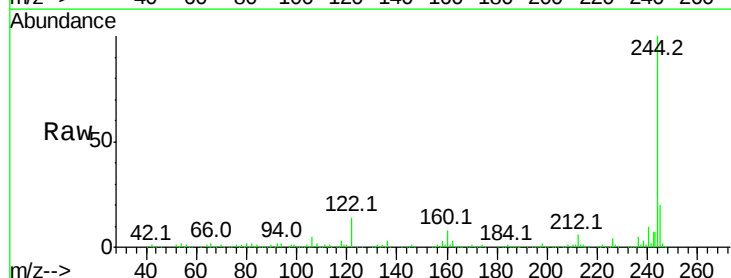
Tgt Ion:244 Resp: 586253

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

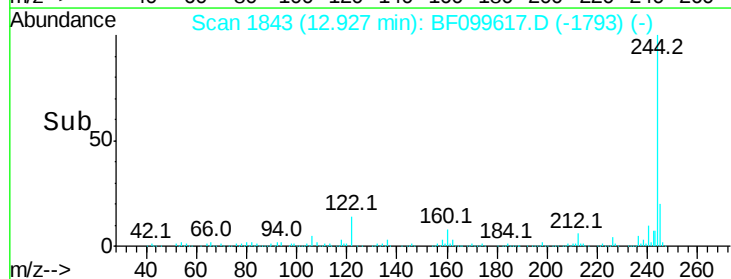
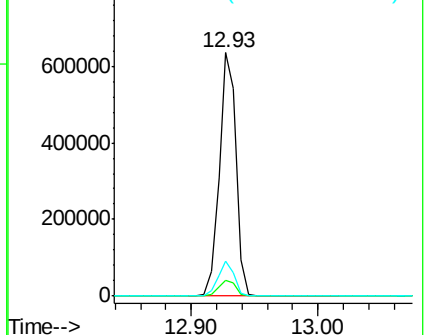
122 14.3 11.0 16.4

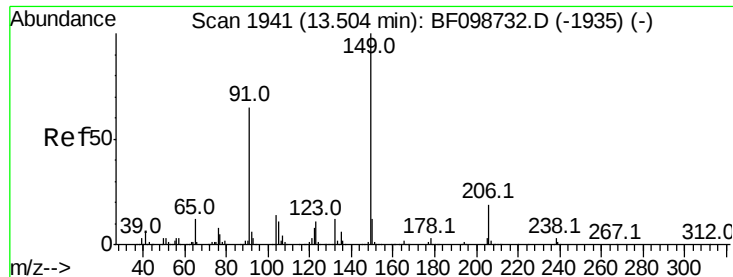


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.480 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

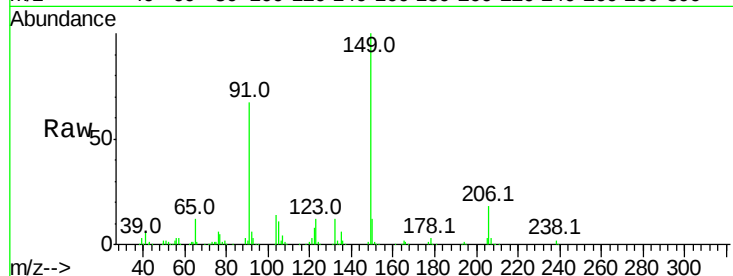
Tot Ion:149 Resp: 223536

Ion Ratio Lower Upper

149 100

91 66.8 56.8 85.2

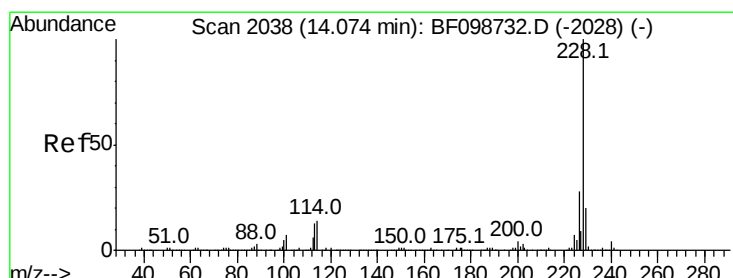
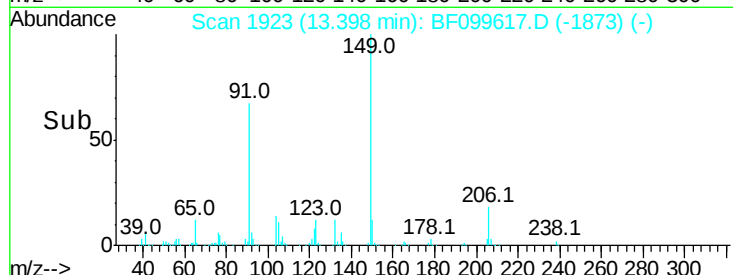
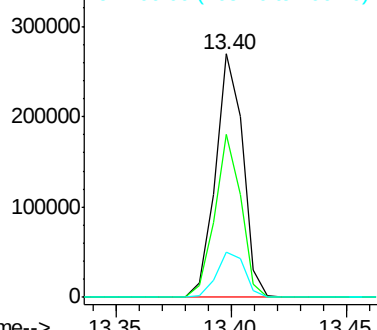
206 18.3 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.560 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

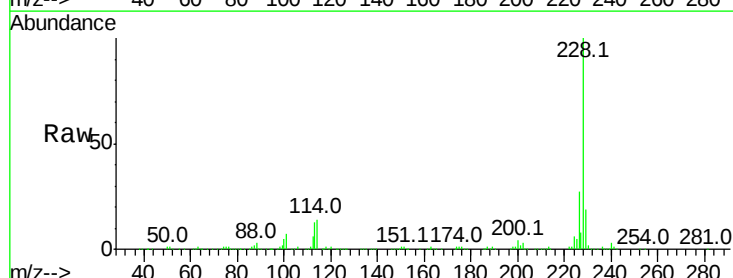
Tgt Ion:228 Resp: 407160

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

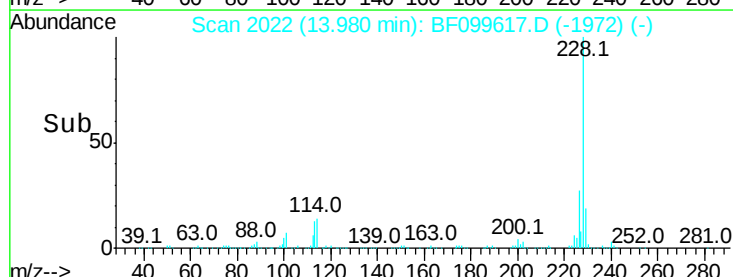
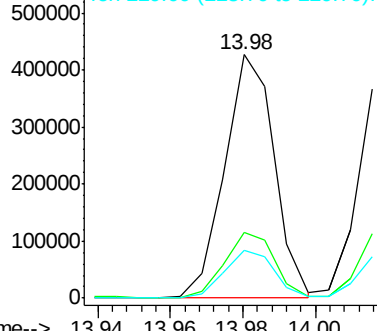
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

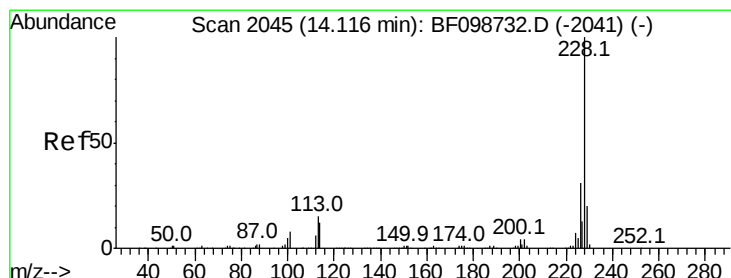
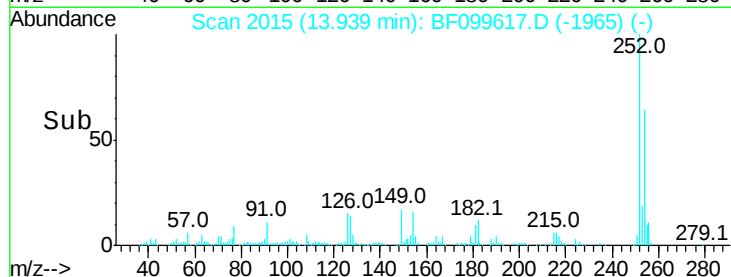
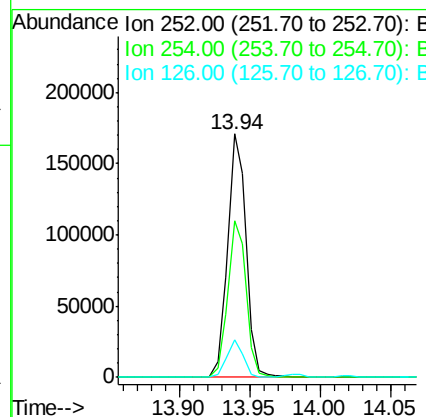
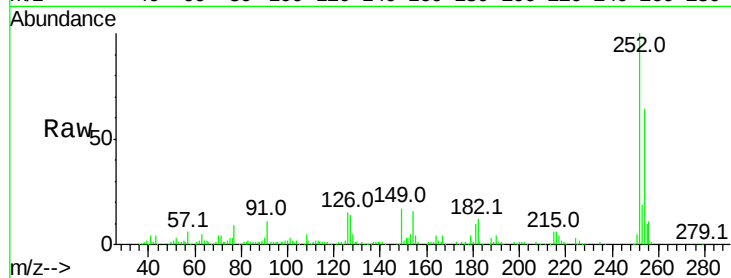




#81
 3,3'-Dichlorobenzidine
 Concen: 44.308 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

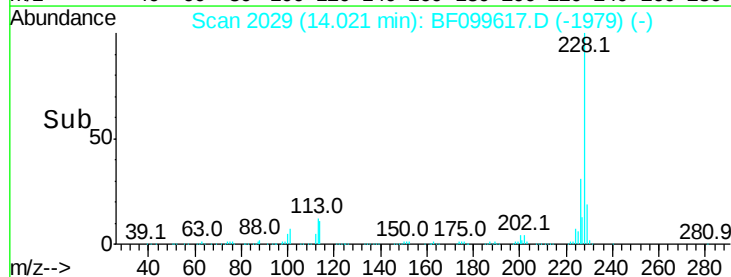
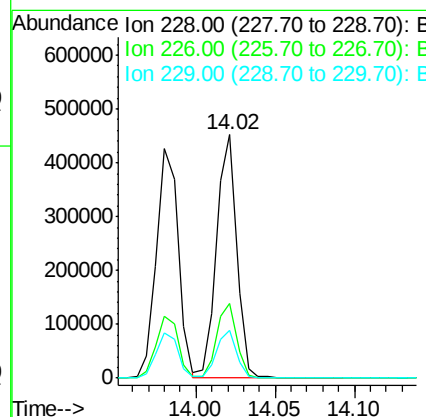
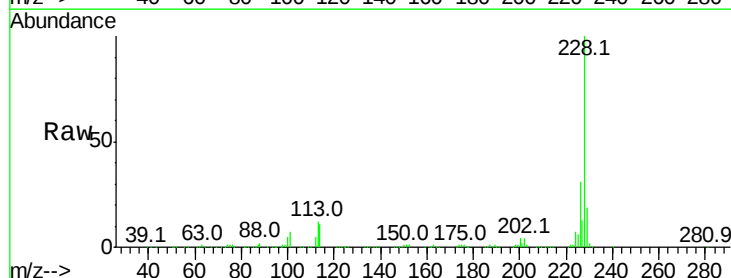
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	15.4	11.3	16.9



#82
 Chrysene
 Concen: 44.183 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.4	16.2	24.4

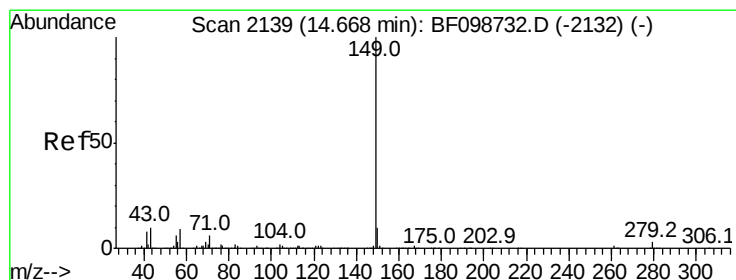
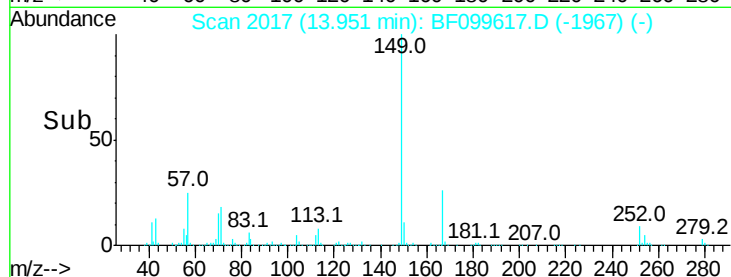
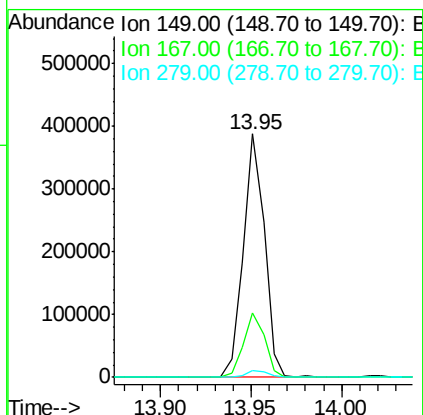
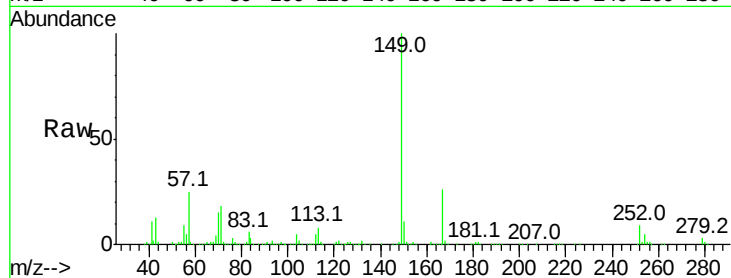




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.491 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

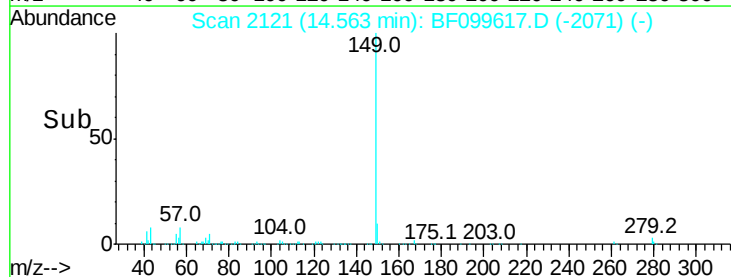
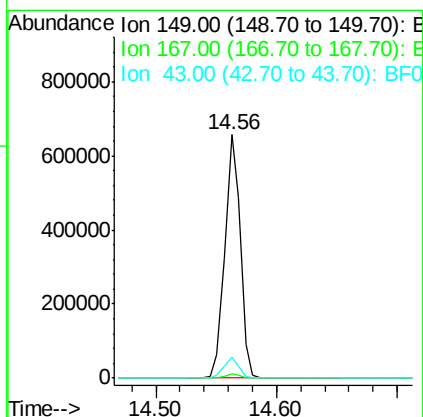
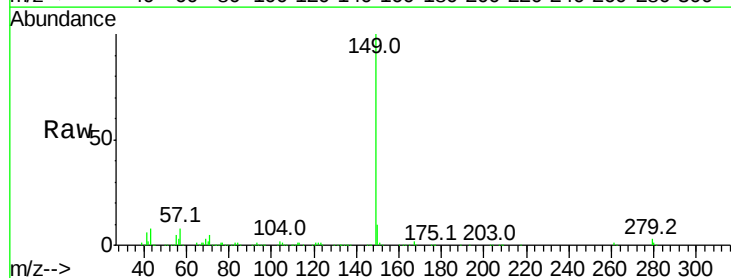
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

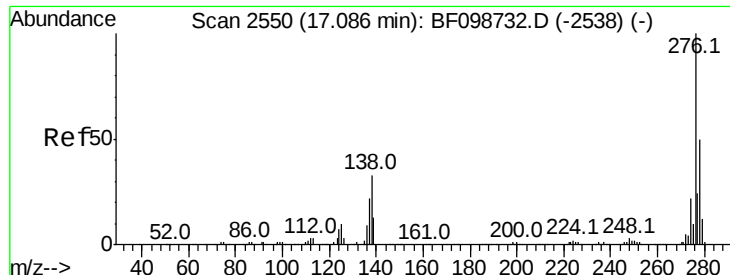
Tot Ion:149 Resp: 315682
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.462 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion:149 Resp: 583265
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 8.4 12.6#

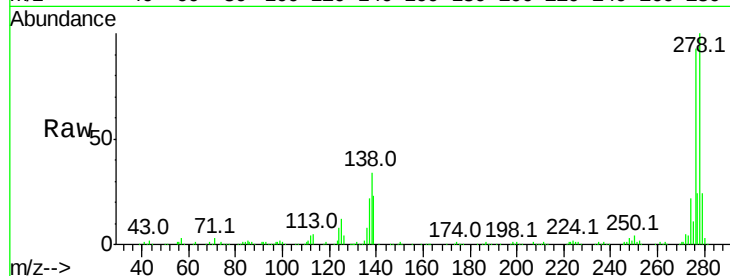




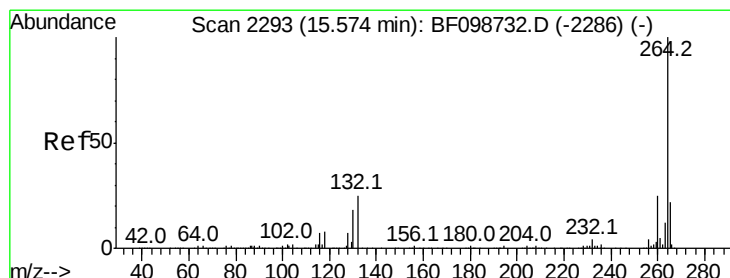
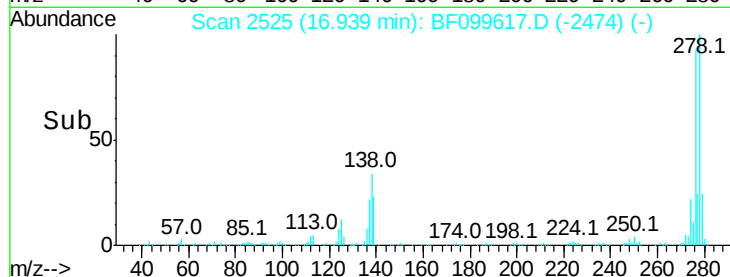
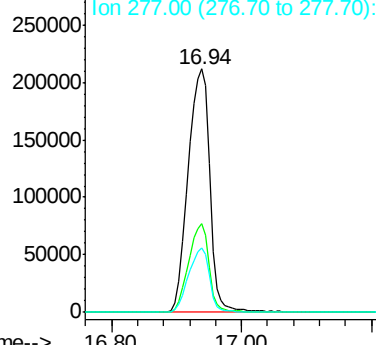
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.567 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.2	20.1	30.1

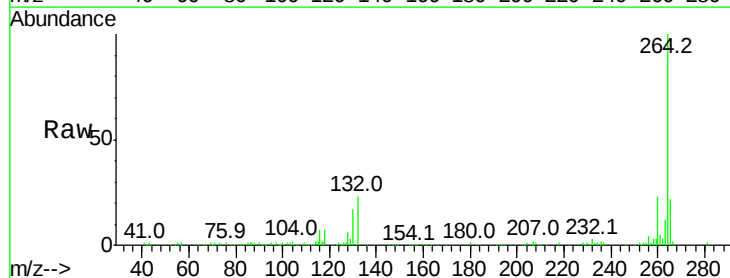


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

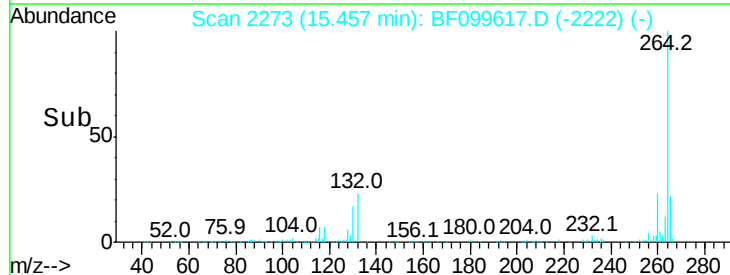
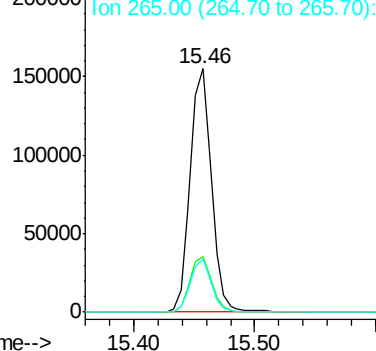


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099617.D
 Acq: 18 Oct 2017 15:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.8	17.5	26.3



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

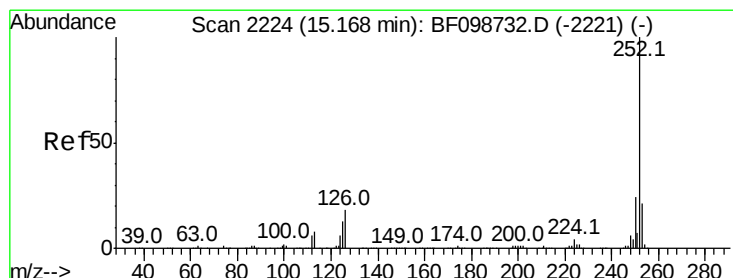
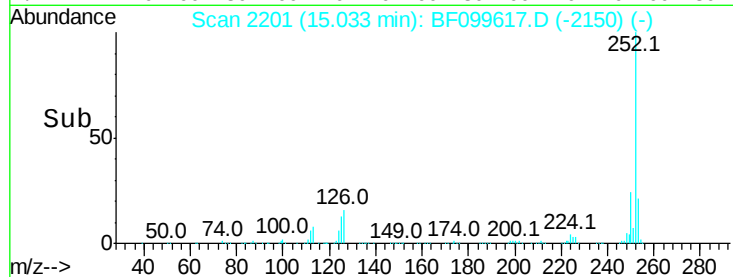
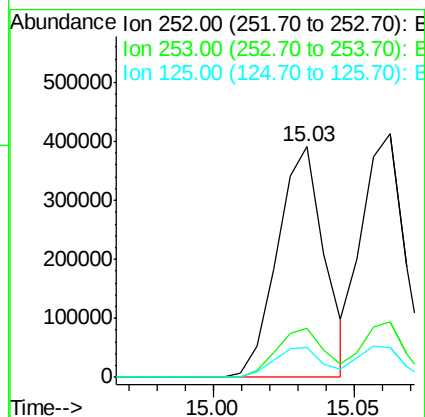
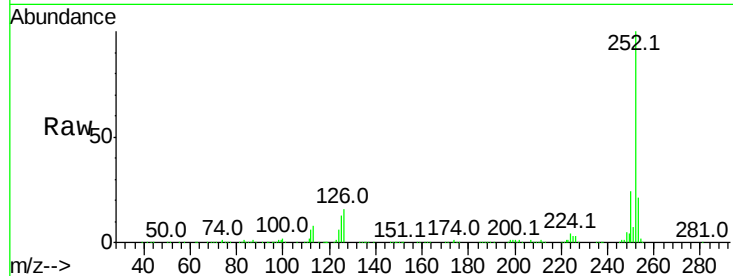




#87
Benzo(b)fluoranthene
Concen: 39.038 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

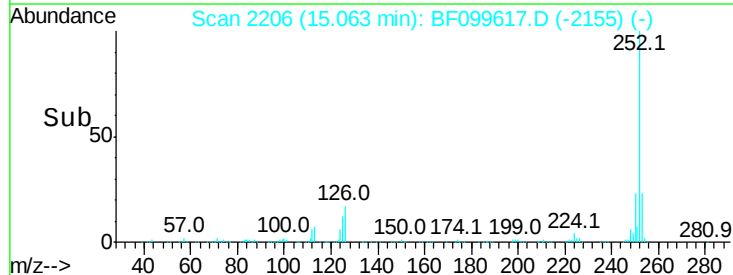
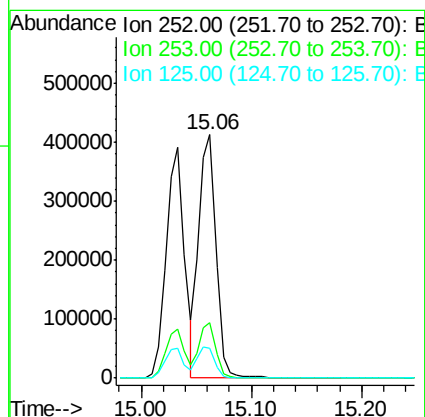
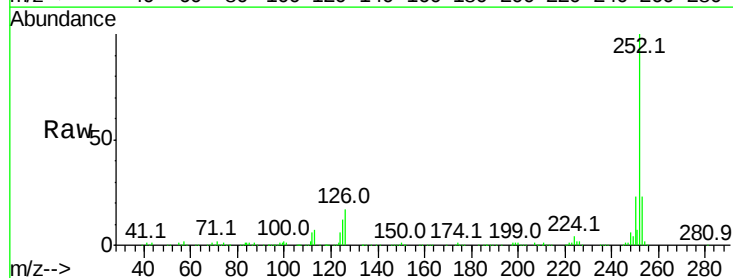
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

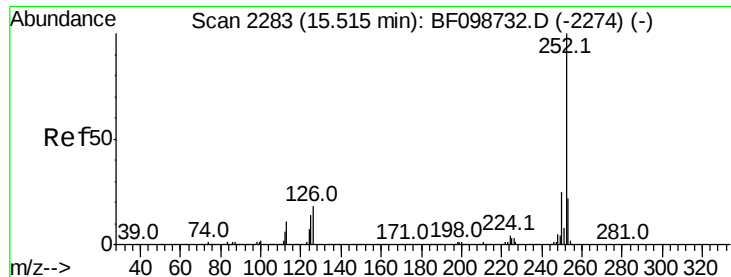
Tot Ion:252 Resp: 452652
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.157 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:252 Resp: 436996
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.1 10.2 15.2

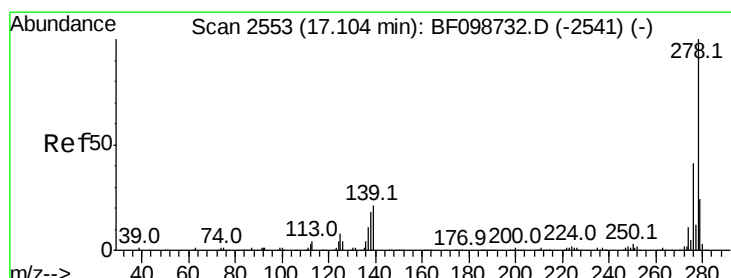
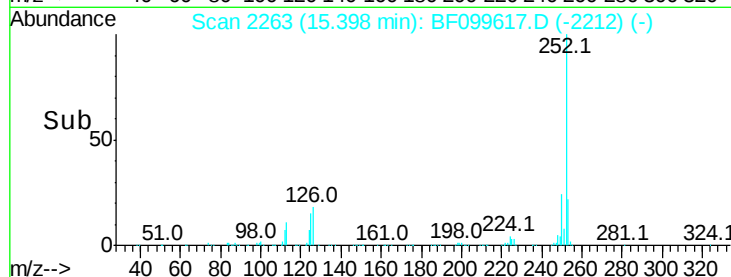
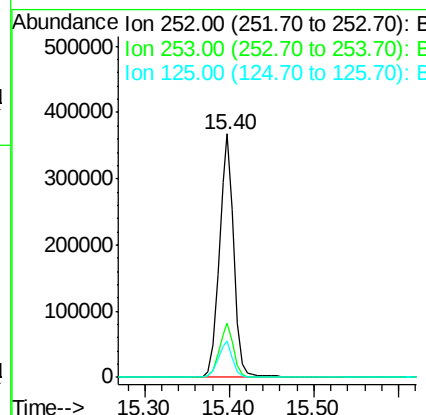
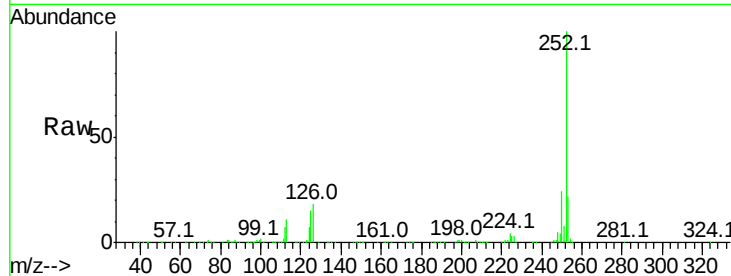




#89
Benzo(a)pyrene
Concen: 41.929 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

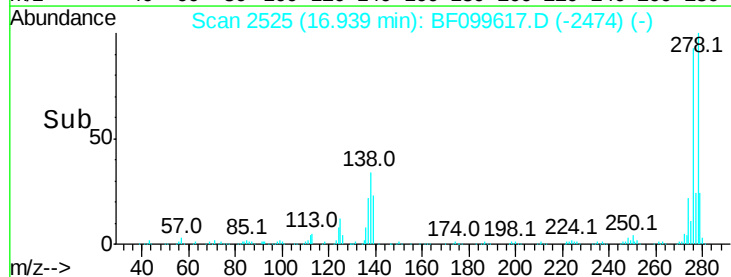
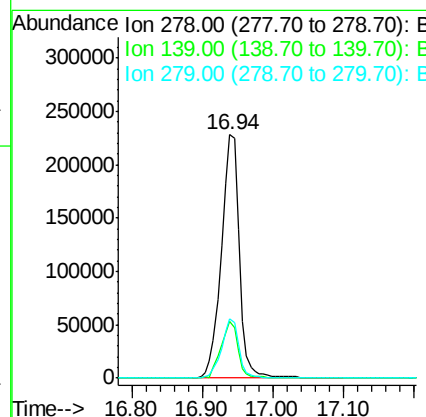
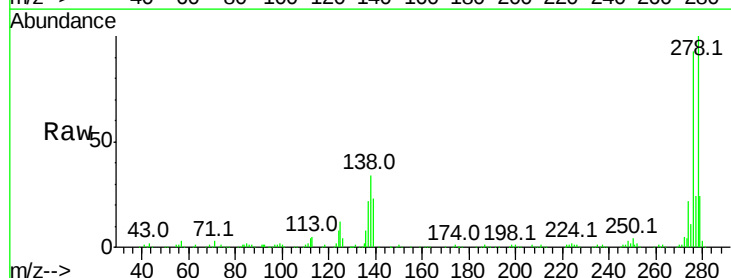
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 446271
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 47.623 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF099617.D
Acq: 18 Oct 2017 15:05

Tgt Ion:278 Resp: 405649
Ion Ratio Lower Upper
278 100
139 23.3 15.9 23.9
279 24.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 47.015 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BF099617.D

Acq: 18 Oct 2017 15:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

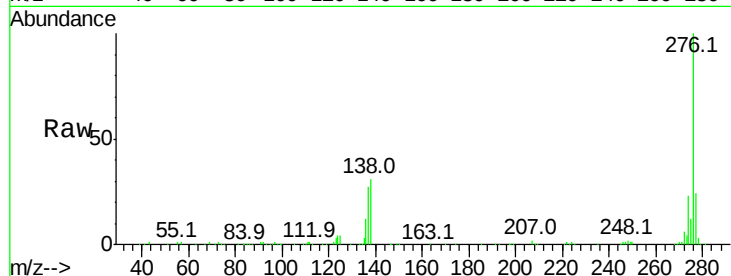
Tot Ion: 276 Resp: 395855

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 30.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

