

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099898.D
 Acq On : 28 Oct 2017 1:59
 Operator : SJ/JU
 Sample : I6029-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

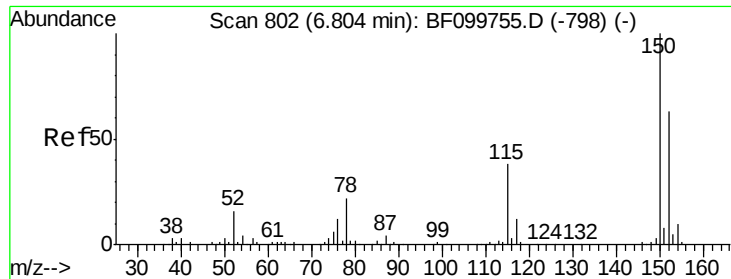
Quant Time: Oct 28 03:53:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89401	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	270173	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	89503	20.00	ng	0.04
63) Phenanthrene-d10	11.37	188	141566	20.00	ng	0.04
75) Chrysene-d12	13.99	240	145967	20.00	ng	0.00
86) Perylene-d12	15.46	264	167113	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	478197	83.98	ng	0.00
7) Phenol-d6	6.44	99	551278	81.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	285955	68.14	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	61975	75.98	ng	0.04
44) 2-Fluorobiphenyl	9.17	172	420079	72.41	ng	0.02
78) Terphenyl-d14	12.93	244	311330	46.61	ng	0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	9250	2.29	ng	84
10) Phenol	6.45	94	30795	4.15	ng	92
18) Hexachloroethane	7.33	117	43589	18.89	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	27140	6.86	ng	# 59
24) Nitrobenzene	7.36	77	10798	2.55	ng	# 55
25) Isophorone	7.60	82	68712	9.02	ng	# 1
26) 2-Nitrophenol	7.70	139	14220	5.87	ng	# 1
29) 2,4-Dichlorophenol	7.98	162	25644	6.92	ng	# 45
35) Caprolactam	8.52	113	143782	123.34	ng	# 68
42) 2,4,6-Trichlorophenol	9.14	196	3771	2.16	ng	# 24
43) 2,4,5-Trichlorophenol	9.14	196	3874	2.09	ng	# 1
48) Acenaphthylene	9.73	152	18951	2.09	ng	# 1
49) Dimethylphthalate	9.57	163	54760	7.73	ng	# 48
50) 2,6-Dinitrotoluene	9.71	165	11100	7.45	ng	# 54
51) Acenaphthene	9.91	154	46117	8.33	ng	# 58
52) 3-Nitroaniline	9.82	138	14203	8.09	ng	# 36
53) 2,4-Dinitrophenol	9.90	184	647	6.78	ng	# 1
54) Dibenzofuran	10.08	168	27158	3.48	ng	# 1
55) 4-Nitrophenol	10.08	139	34777	37.91	ng	# 23
56) 2,4-Dinitrotoluene	10.08	165	15478	8.63	ng	# 62
57) Fluorene	10.43	166	95609	14.78	ng	# 66
61) 4-Nitroaniline	10.33	138	12950	7.73	ng	# 85
62) Azobenzene	10.59	77	38639	6.66	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	2301	2.59	ng	# 1
65) n-Nitrosodiphenylamine	10.54	169	326695	62.52	ng	# 46
68) Atrazine	11.06	200	10861	6.92	ng	# 20
70) Phenanthrene	11.40	178	129625	16.22	ng	# 73
71) Anthracene	11.46	178	23222	2.86	ng	# 1
74) Fluoranthene	12.58	202	25224	3.04	ng	# 67
77) Pyrene	12.81	202	101822	9.17	ng	# 81

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

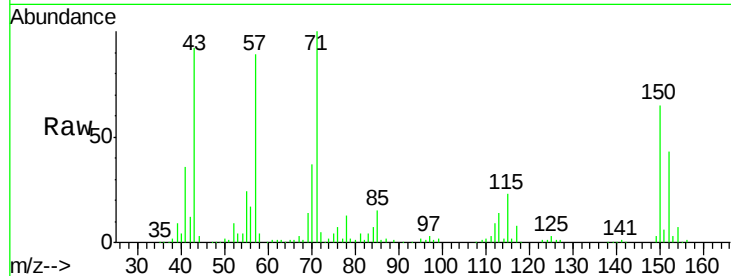


#1

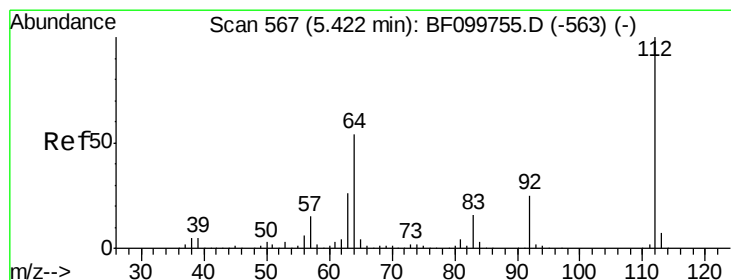
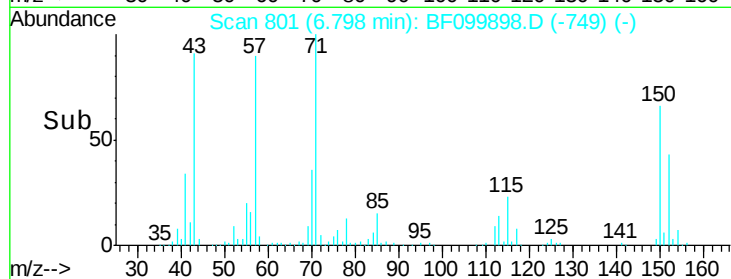
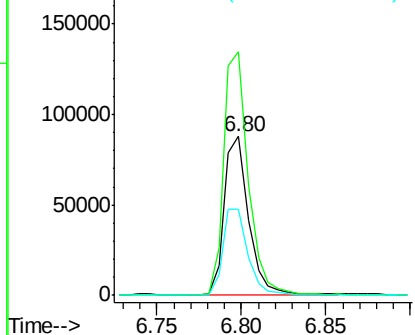
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89401
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 54.0 50.1 75.1



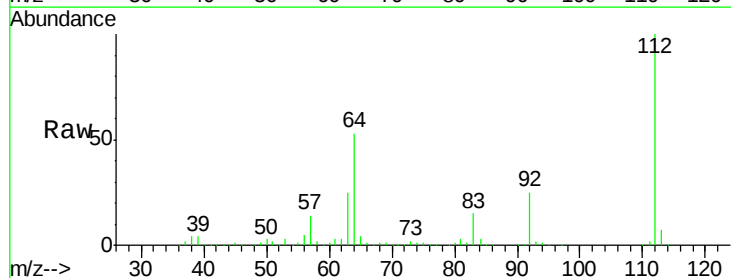
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



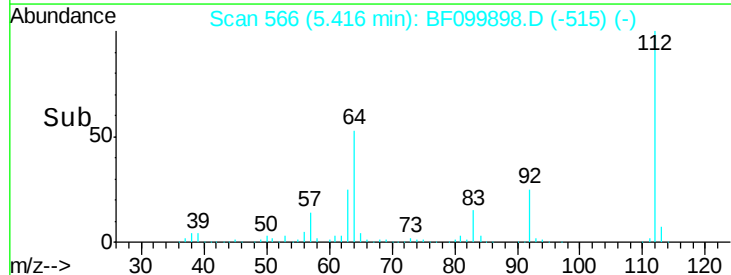
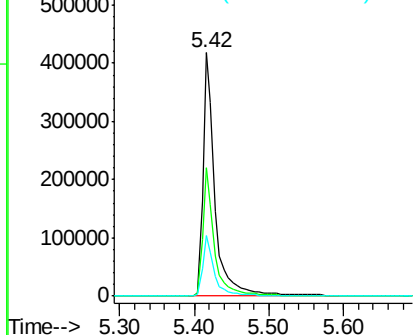
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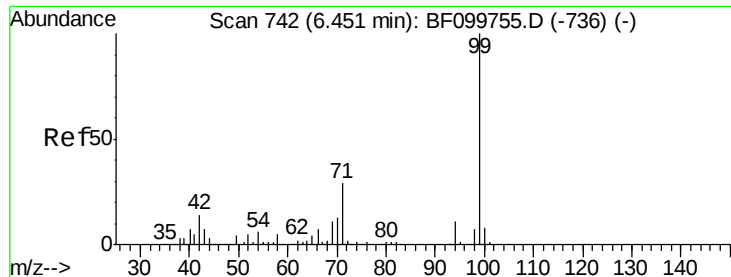
2-Fluorophenol
Concen: 83.98 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:112 Resp: 478197
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 24.9 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





#7

Phenol-d6

Concen: 81.65 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

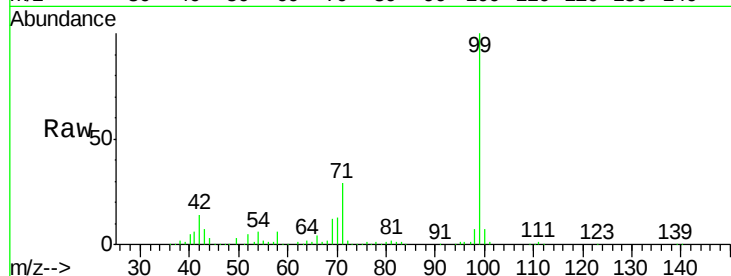
Tot Ion: 99 Resp: 551278

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

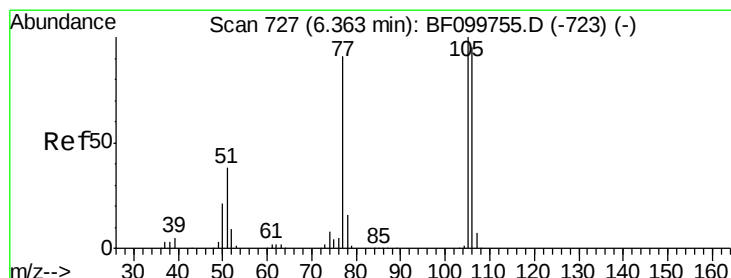
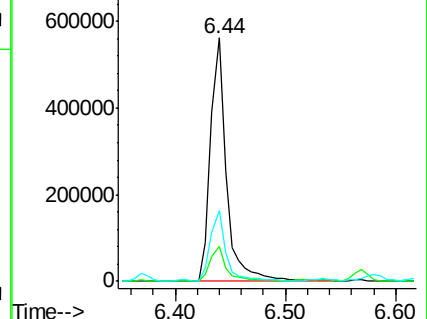
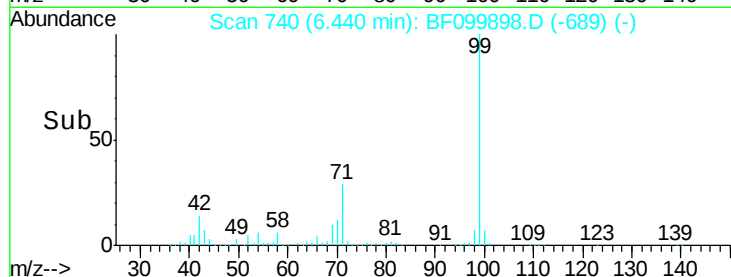
71 29.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.29 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

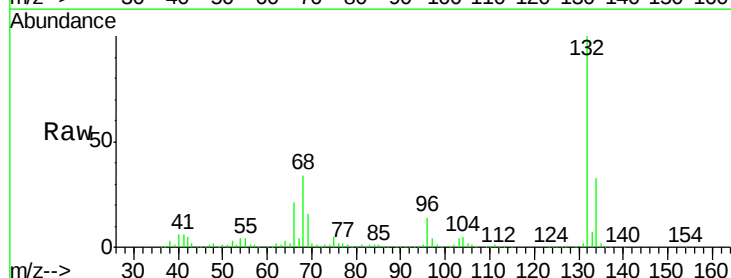
Tgt Ion: 77 Resp: 9250

Ion Ratio Lower Upper

77 100

105 85.4 81.1 121.1

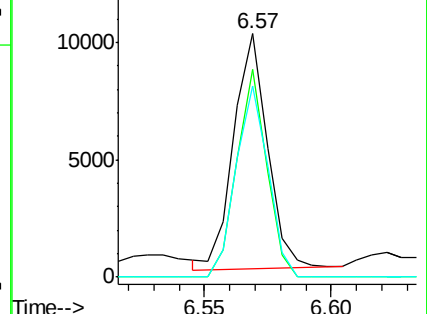
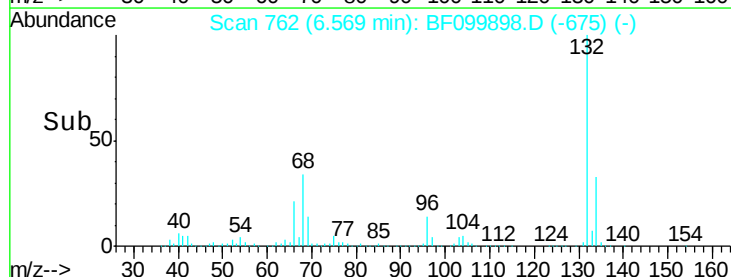
106 78.6 74.5 114.5

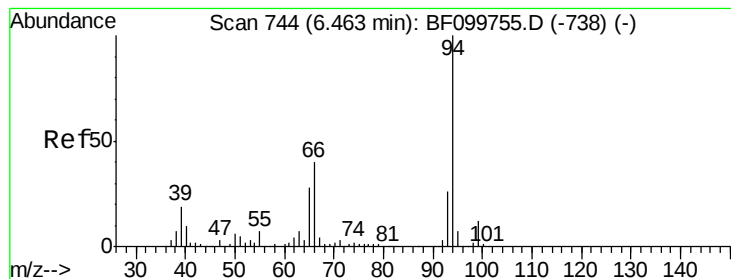


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.15 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampled :

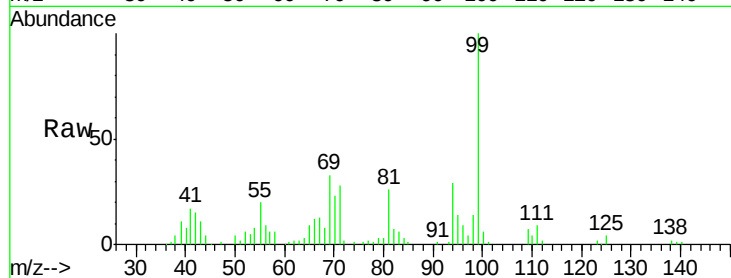
Tot Ion: 94 Resp: 30795

Ion Ratio Lower Upper

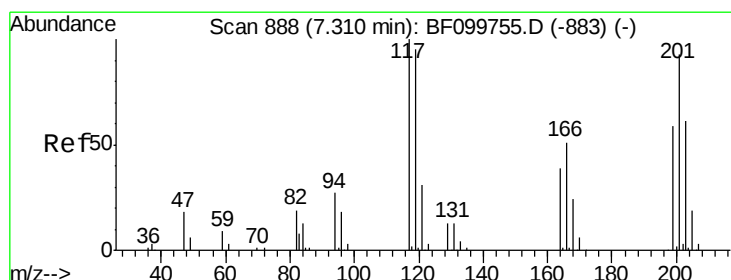
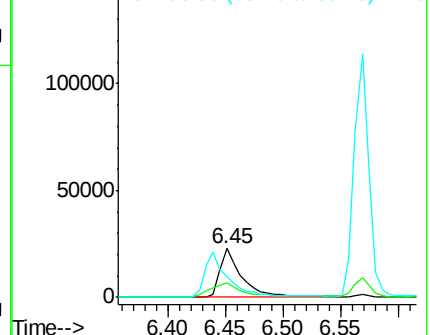
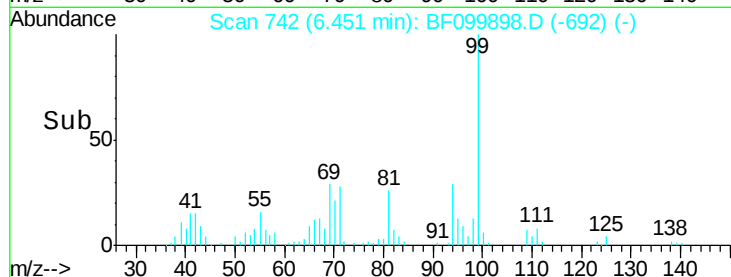
94 100

65 30.6 7.9 47.9

66 41.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#18

Hexachloroethane

Concen: 18.89 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.03 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

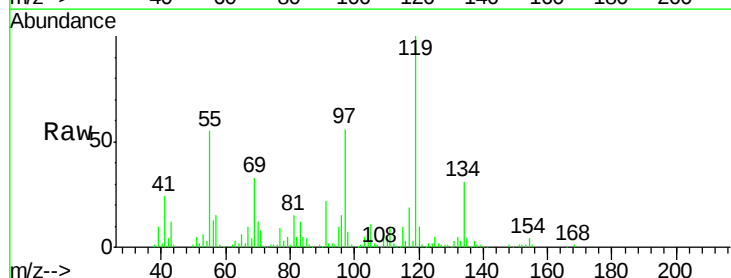
Tgt Ion: 117 Resp: 43589

Ion Ratio Lower Upper

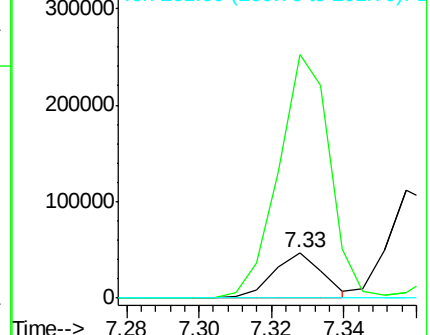
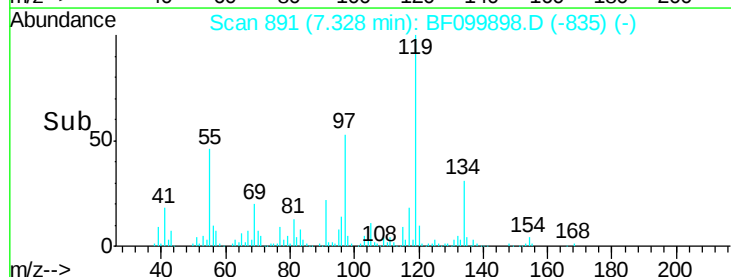
117 100

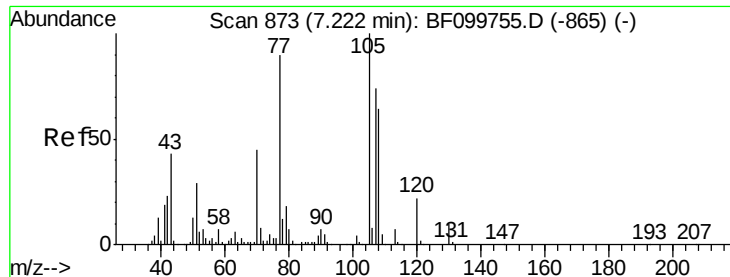
119 537.4 75.8 113.8#

201 0.0 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

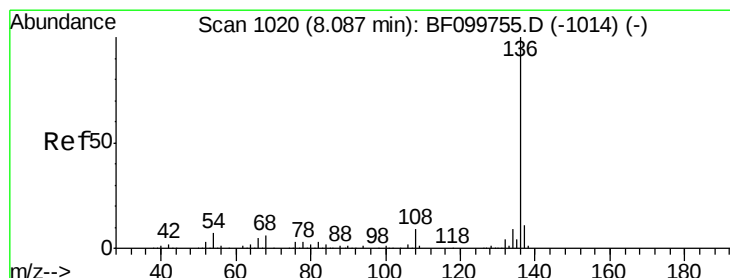
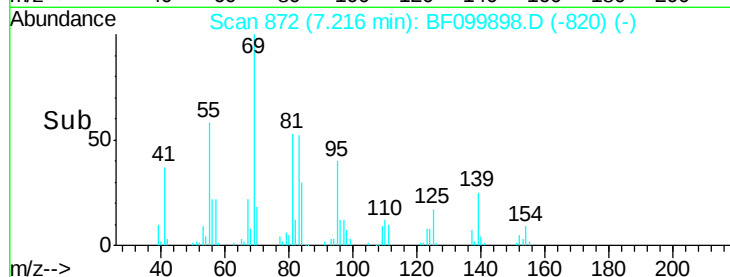
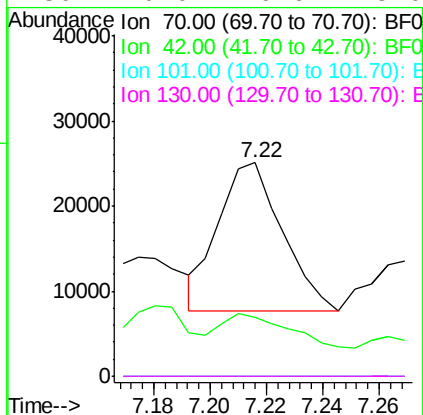
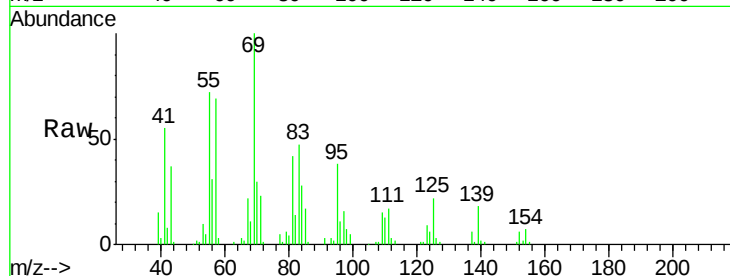




#19
n-Nitroso-di-n-propylamine
Concen: 6.86 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

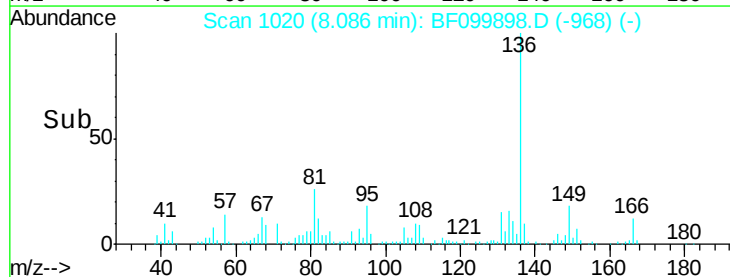
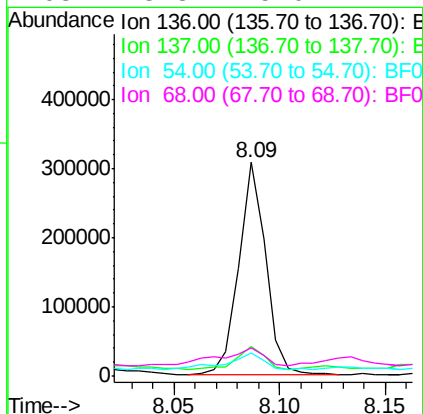
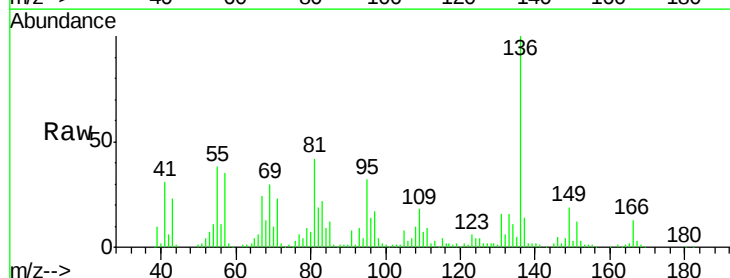
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BNA_F
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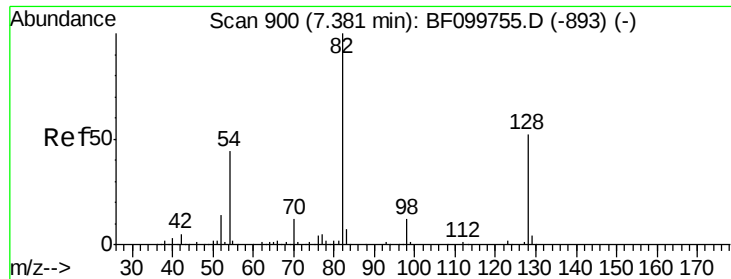
Tot Ion: 70 Resp: 27140
Ion Ratio Lower Upper
70 100
42 27.4 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:136 Resp: 270173
Ion Ratio Lower Upper
136 100
137 13.9 8.9 13.3#
54 10.7 6.6 9.8#
68 13.3 5.0 7.4#

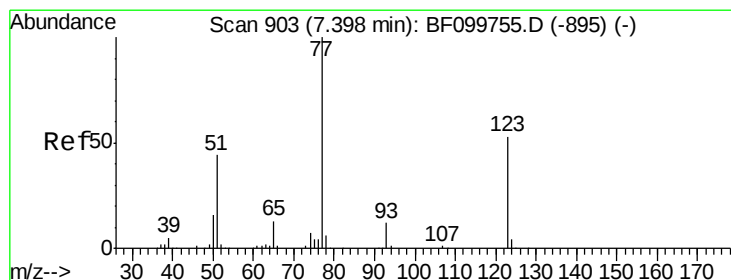
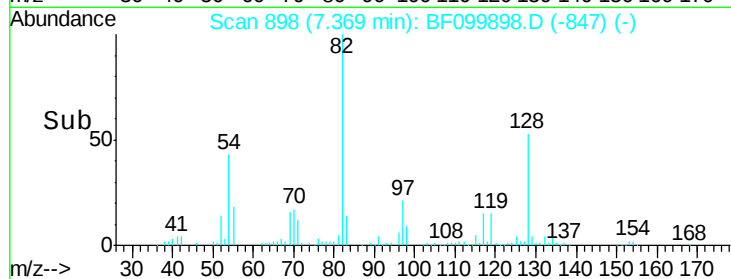
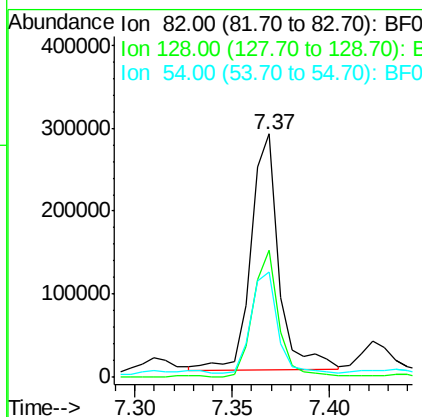
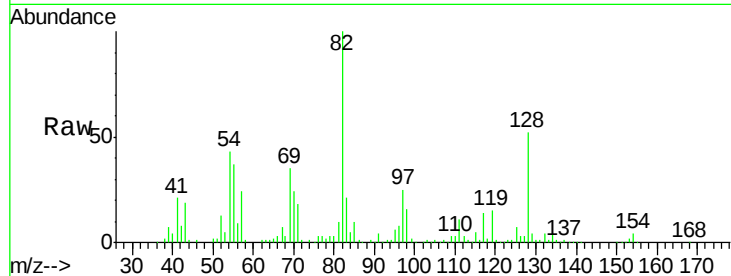




#23
 Nitrobenzene-d5
 Concen: 68.14 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

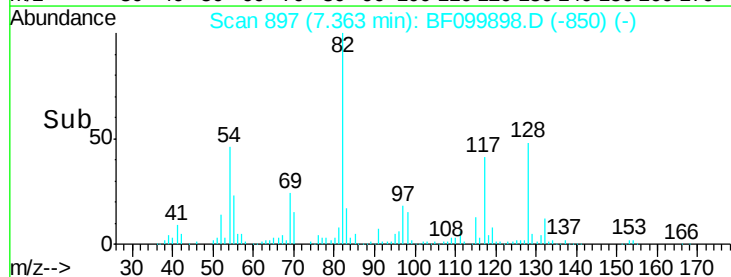
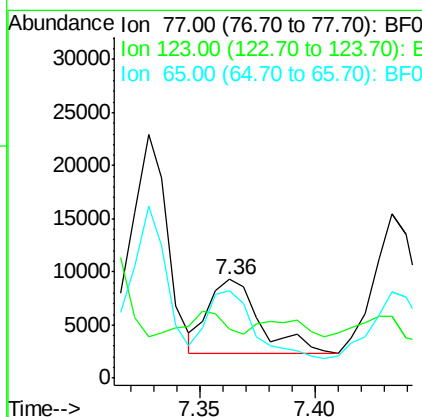
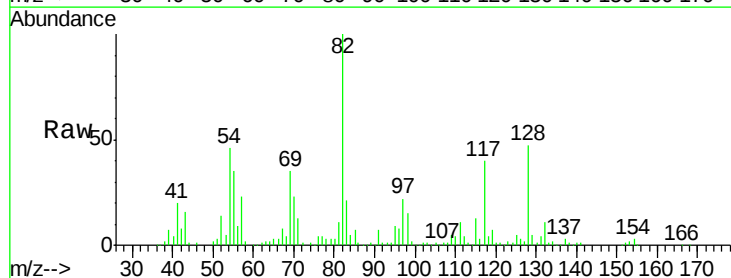
Instrument :
 BNA_F
 ClientSampleId :

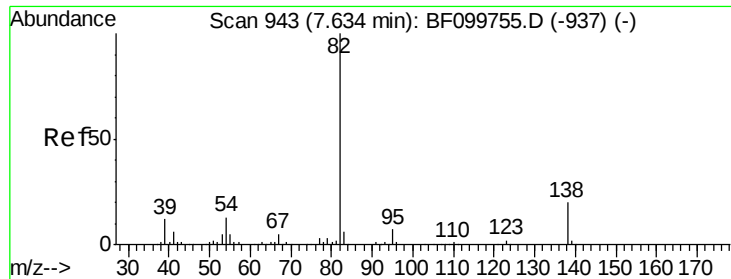
Tot Ion	82	Resp	285955
Ion Ratio	100	Lower	Upper
128	52.1	36.1	54.1
54	43.2	41.4	62.2



#24
 Nitrobenzene
 Concen: 2.55 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion	77	Resp	10798
Ion Ratio	100	Lower	Upper
123	50.1	37.9	56.9
65	88.7	11.0	16.4#





#25

Isophorone

Concen: 9.02 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

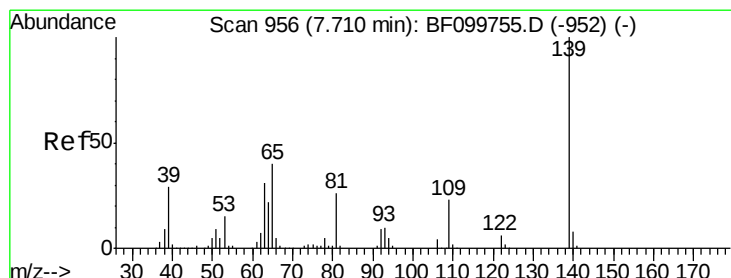
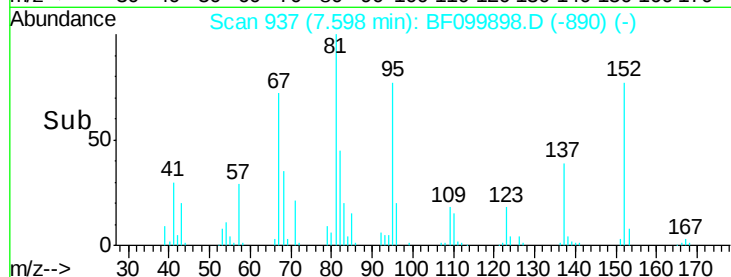
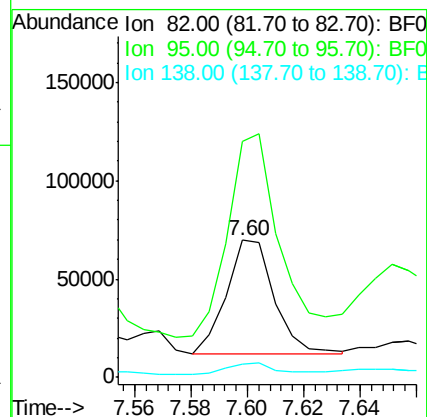
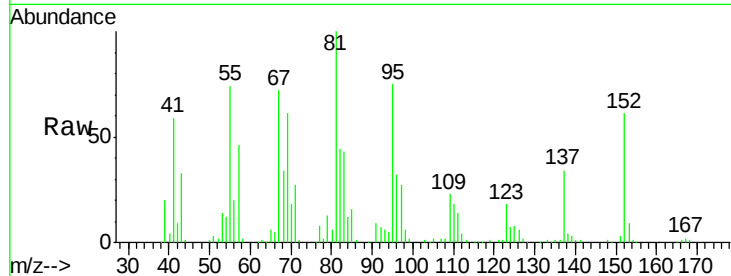
Tot Ion: 82 Resp: 68712

Ion Ratio Lower Upper

82 100

95 172.4 5.2 7.8#

138 10.1 14.9 22.3#



#26

2-Nitrophenol

Concen: 5.87 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

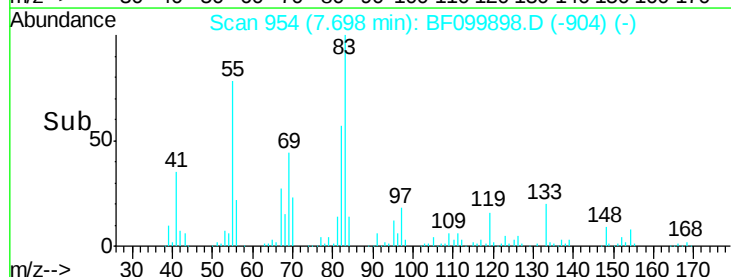
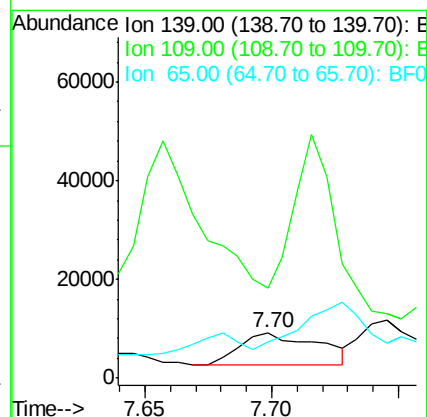
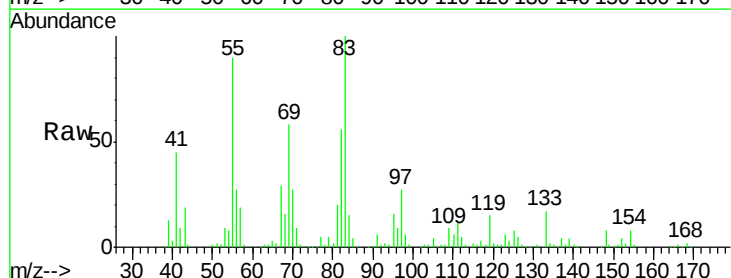
Tgt Ion: 139 Resp: 14220

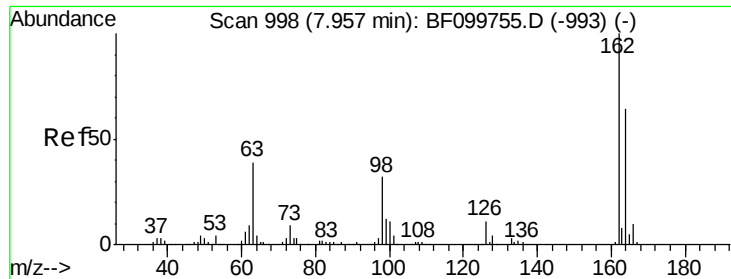
Ion Ratio Lower Upper

139 100

109 199.1 22.7 34.1#

65 78.6 40.5 60.7#

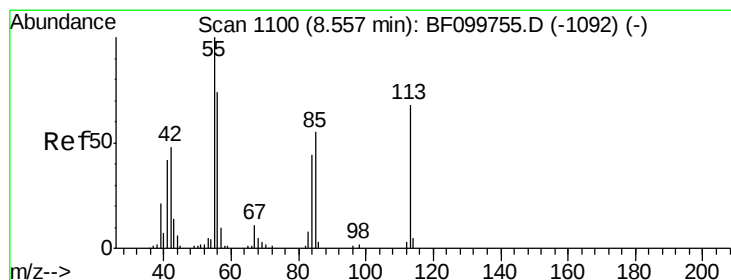
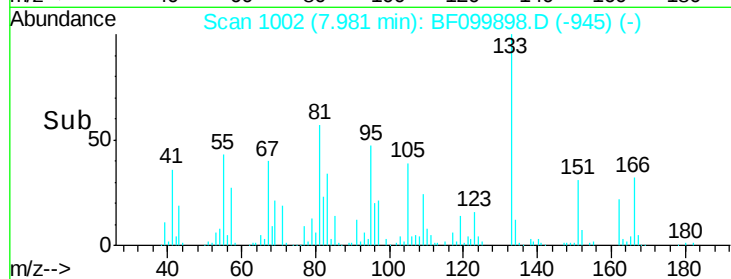
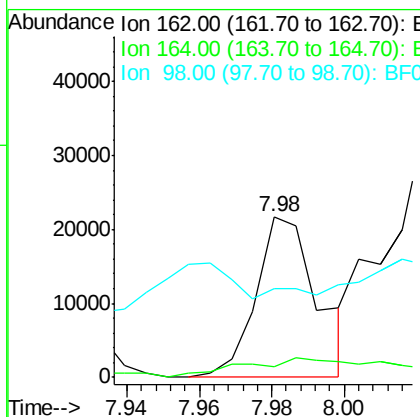
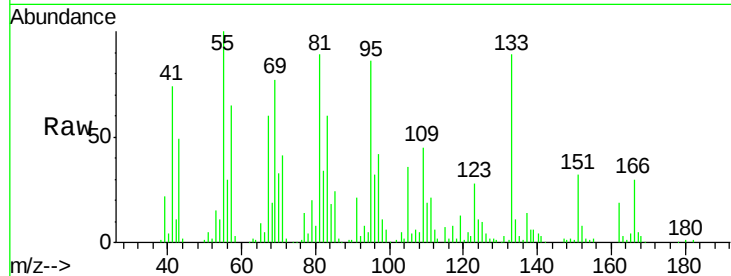




#29
 2,4-Dichlorophenol
 Concen: 6.92 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

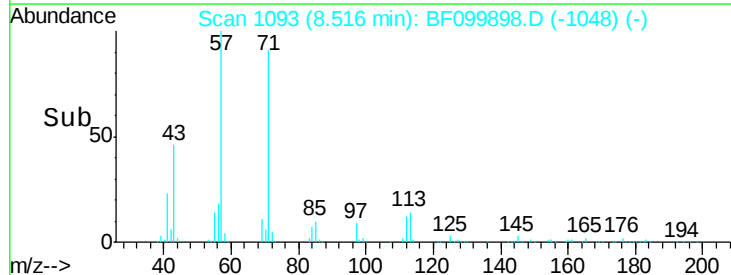
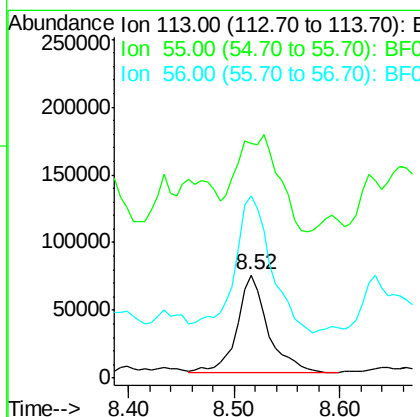
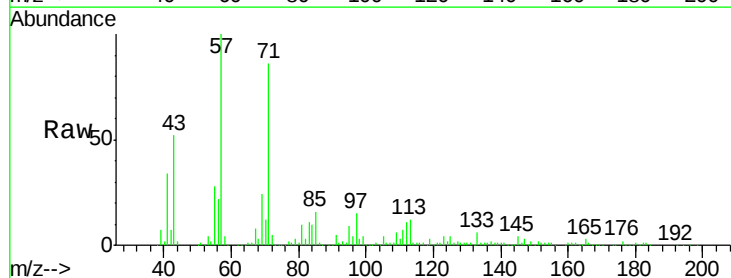
Instrument :
 BNA_F
 ClientSampled :

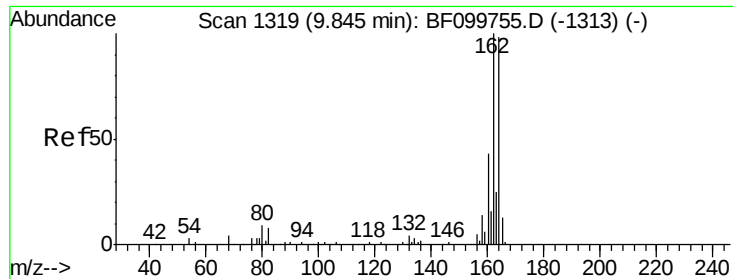
Tot Ion:162 Resp: 25644
 Ion Ratio Lower Upper
 162 100
 164 7.0 42.7 82.7#
 98 55.0 18.1 58.1



#35
 Caprolactam
 Concen: 123.34 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:113 Resp: 143782
 Ion Ratio Lower Upper
 113 100
 55 227.2 163.3 203.3#
 56 176.1 115.7 155.7#

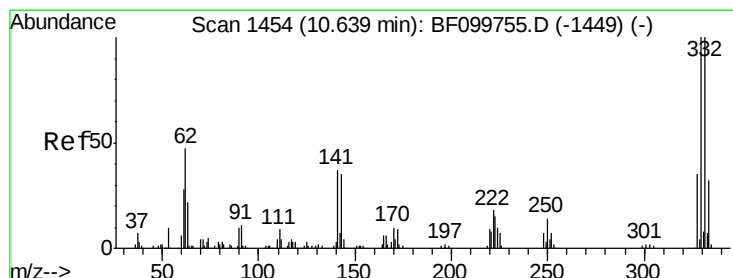
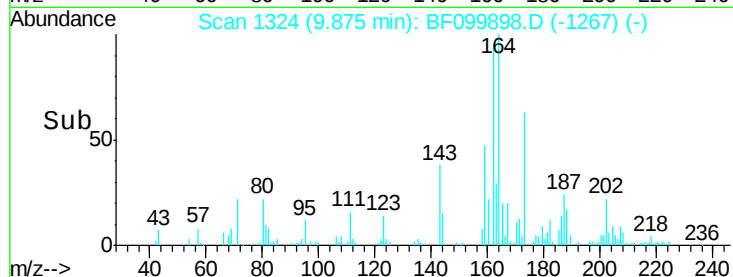
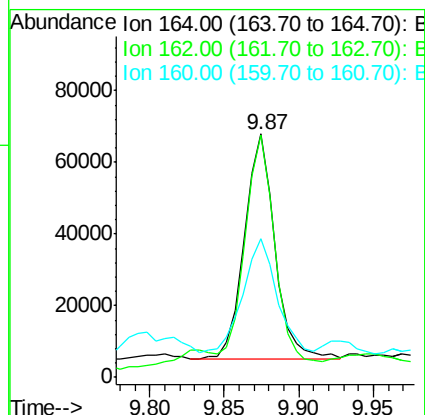
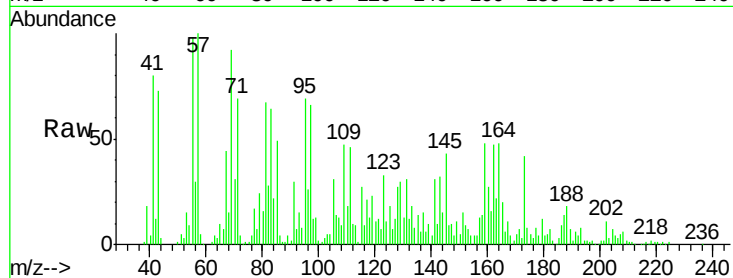




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

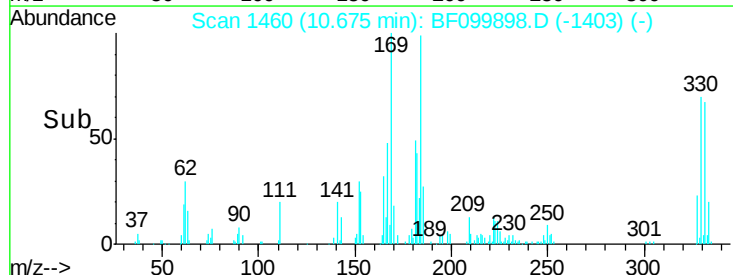
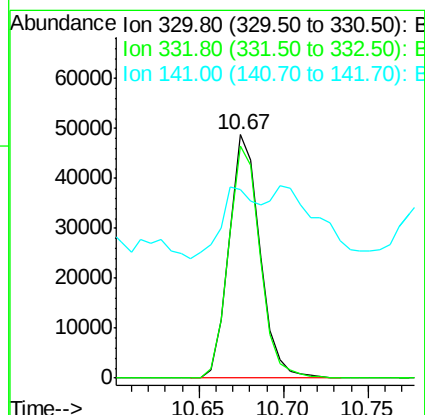
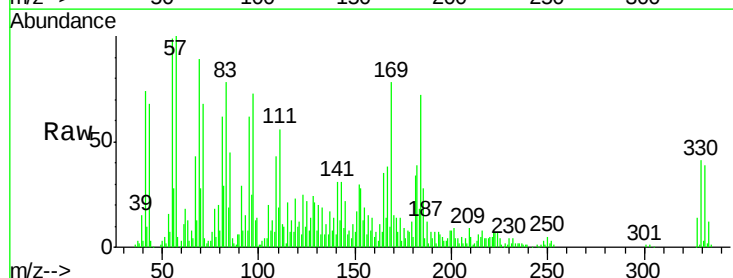
Instrument :
BNA_F
ClientSampleId :

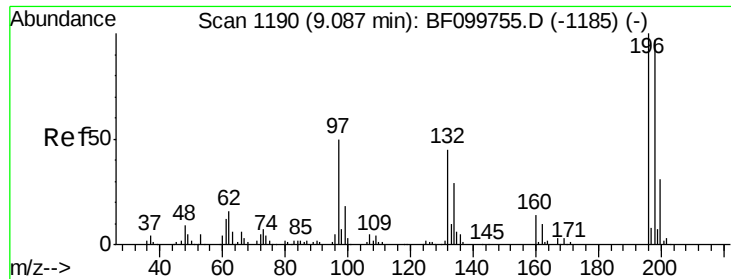
Tot Ion:164 Resp: 89503
Ion Ratio Lower Upper
164 100
162 99.3 86.1 129.1
160 57.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 75.98 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:330 Resp: 61975
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 34.9 29.9 44.9

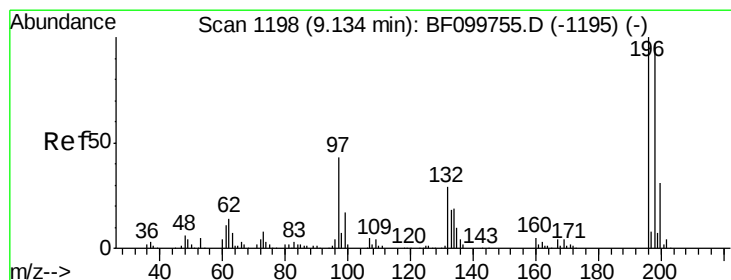
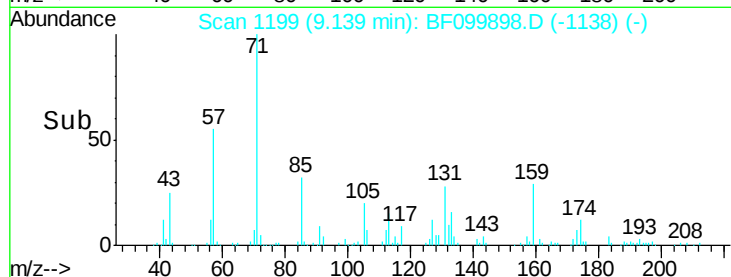
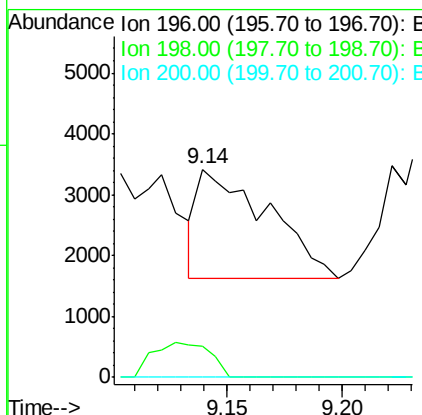
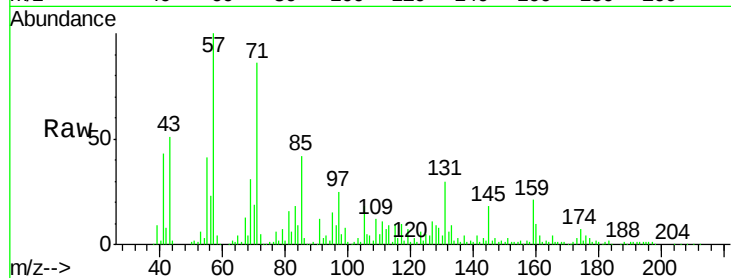




#42
 2,4,6-Trichlorophenol
 Concen: 2.16 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.06 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

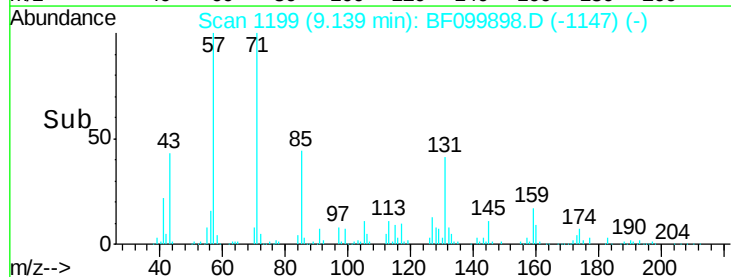
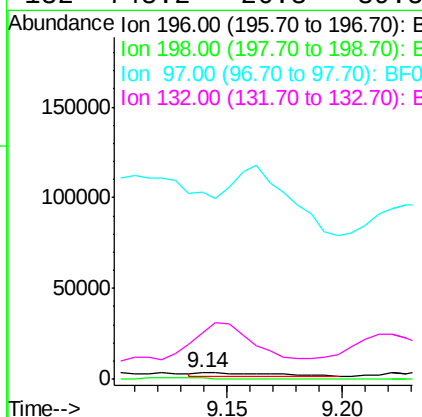
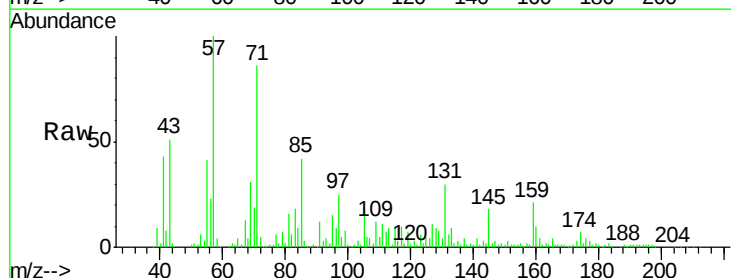
Instrument :
 BNA_F
 ClientSampleId :

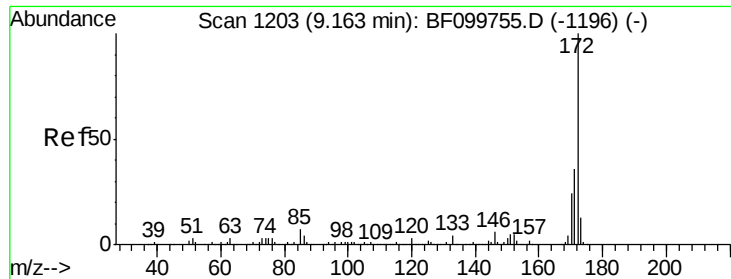
Tot Ion:196 Resp: 3771
 Ion Ratio Lower Upper
 196 100
 198 15.1 75.7 113.5#
 200 0.0 24.5 36.7#



#43
 2,4,5-Trichlorophenol
 Concen: 2.09 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:196 Resp: 3874
 Ion Ratio Lower Upper
 196 100
 198 15.1 74.6 112.0#
 97 3019.1 42.9 64.3#
 132 748.2 26.3 39.5#

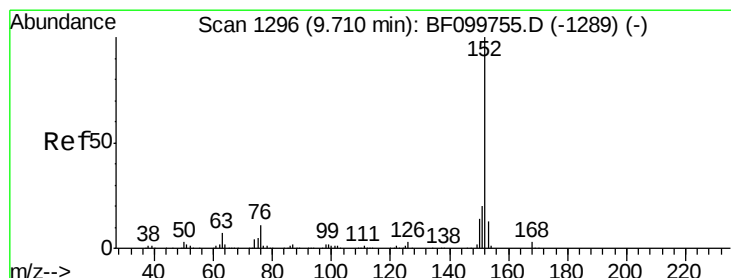
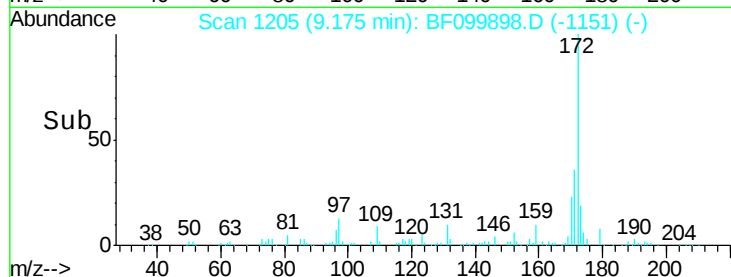
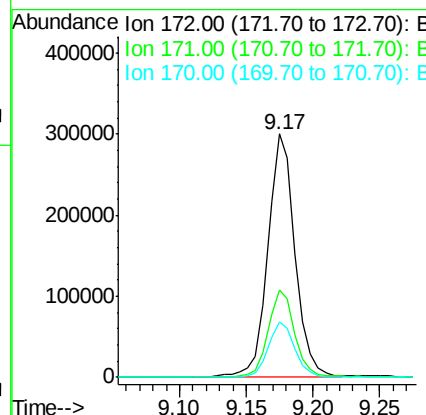
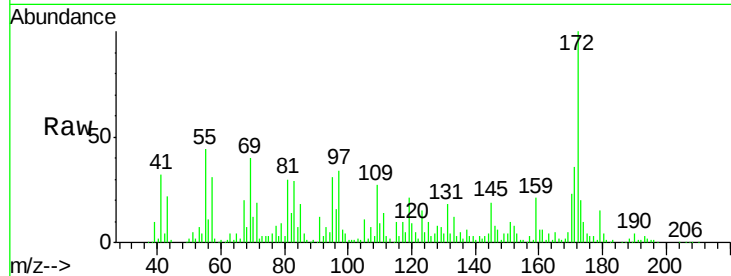




#44
2-Fluorobiphenyl
Concen: 72.41 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

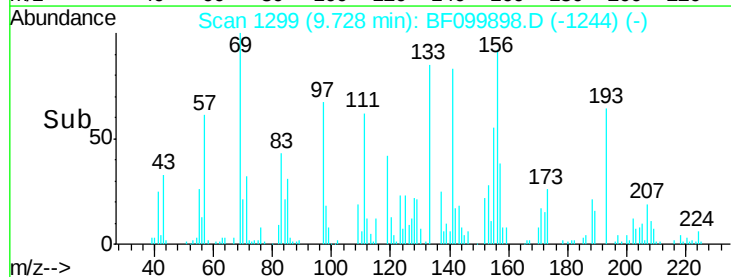
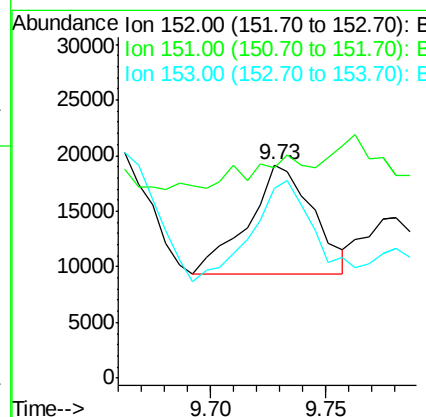
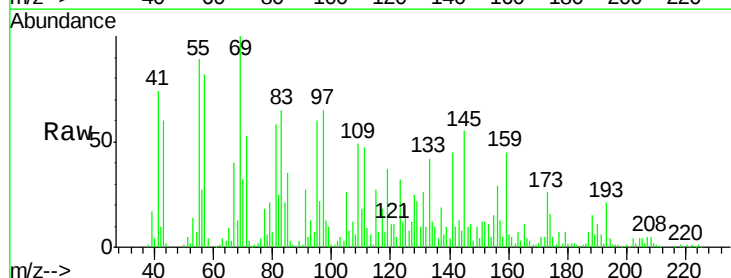
Instrument :
BNA_F
ClientSampleId :

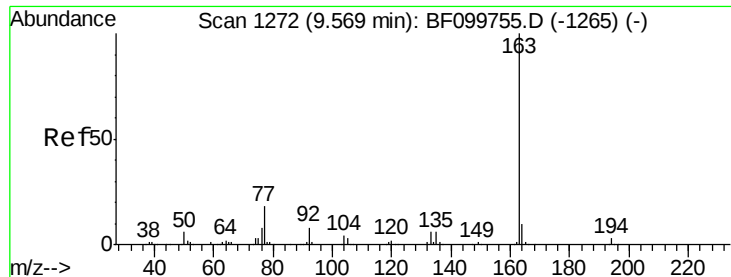
Tot Ion:172 Resp: 420079
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 22.8 19.6 29.4



#48
Acenaphthylene
Concen: 2.09 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:152 Resp: 18951
Ion Ratio Lower Upper
152 100
151 98.9 16.3 24.5#
153 89.4 10.7 16.1#

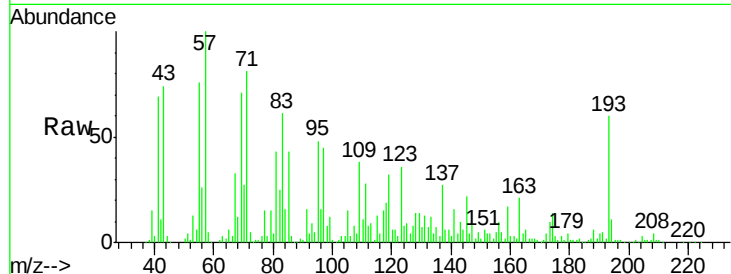




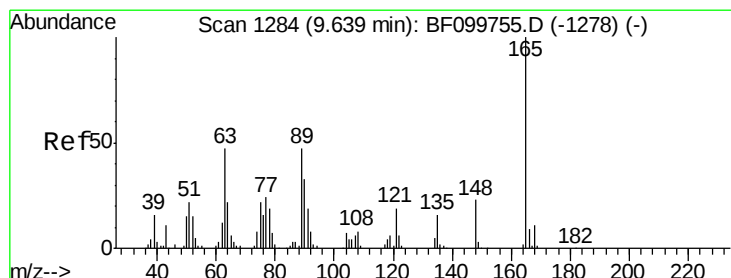
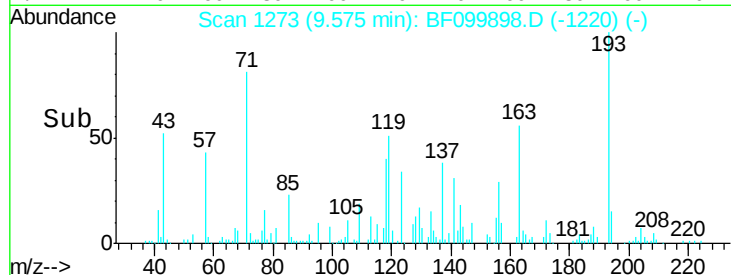
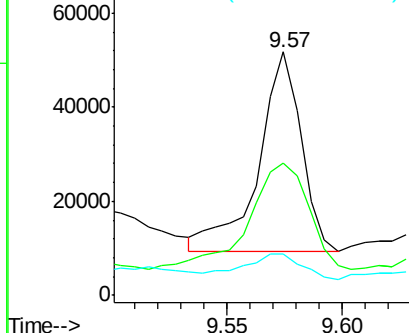
#49
Dimethylphthalate
Concen: 7.73 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 54760
Ion Ratio Lower Upper
163 100
194 54.6 2.7 4.1#
164 17.0 8.2 12.2#

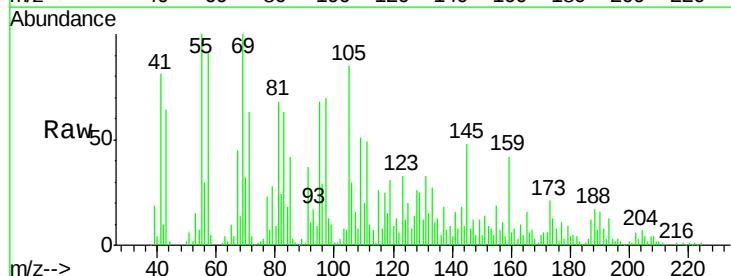


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

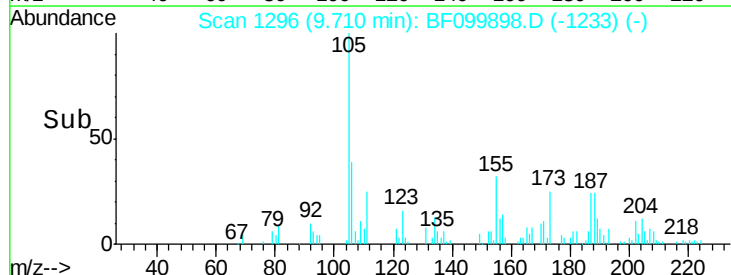
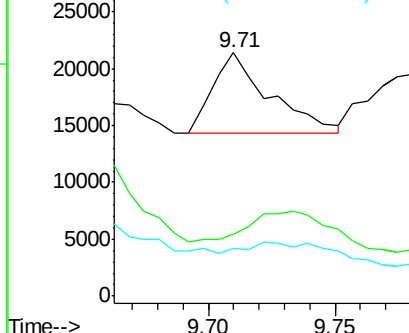


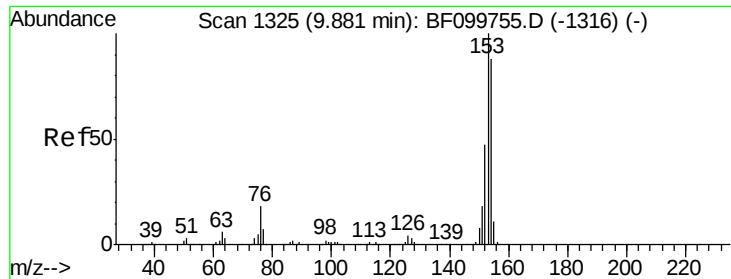
#50
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.07 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:165 Resp: 11100
Ion Ratio Lower Upper
165 100
63 25.3 44.7 67.1#
89 19.5 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: 8.33 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.04 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampled :

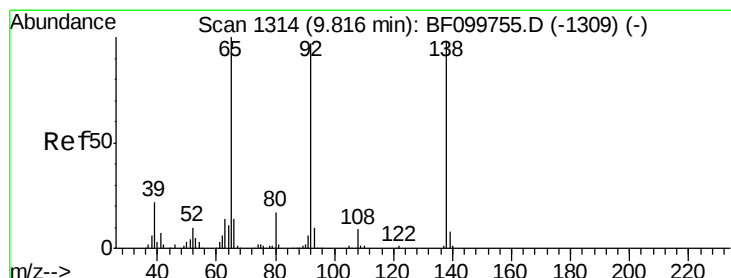
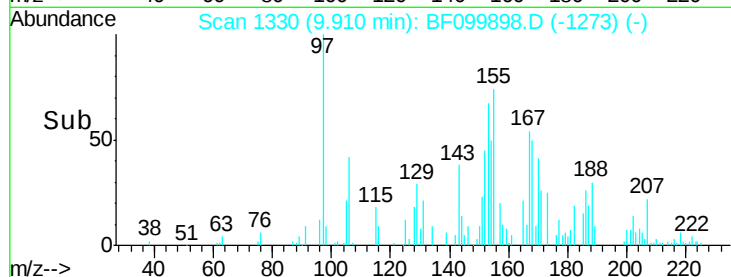
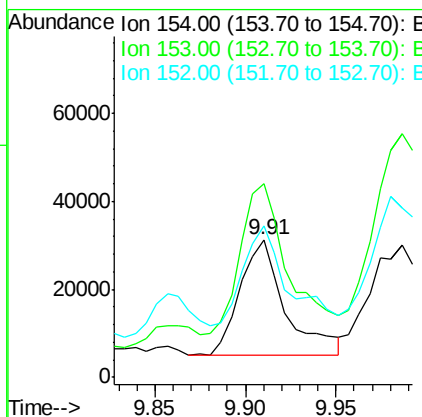
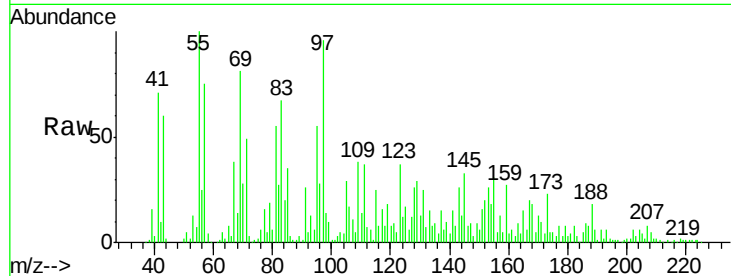
Tot Ion:154 Resp: 46117

Ion Ratio Lower Upper

154 100

153 141.4 91.2 136.8#

152 110.5 43.8 65.8#



#52

3-Nitroaniline

Concen: 8.09 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

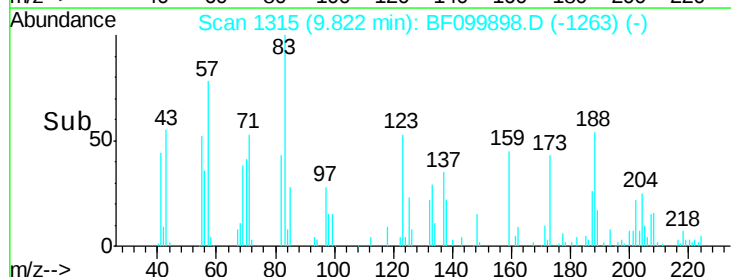
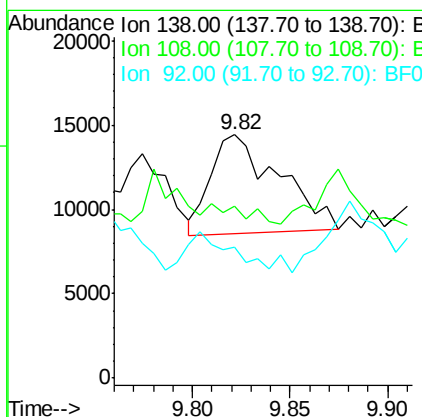
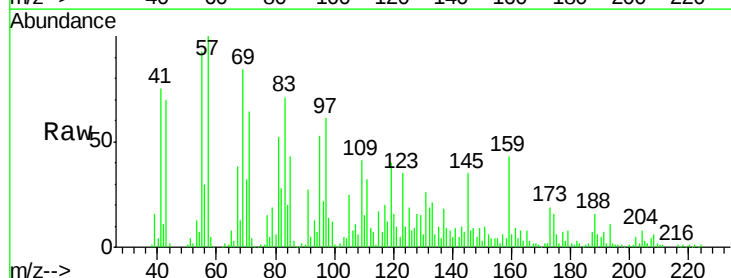
Tgt Ion:138 Resp: 14203

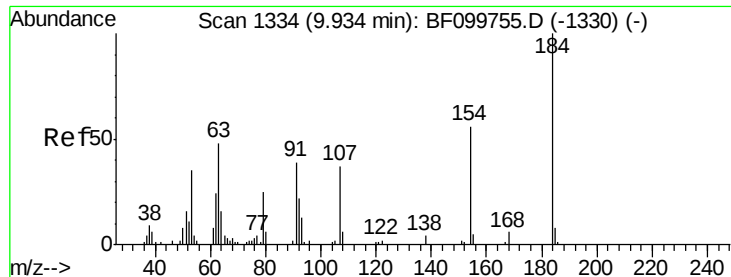
Ion Ratio Lower Upper

138 100

108 70.6 9.4 14.0#

92 53.6 89.4 134.2#

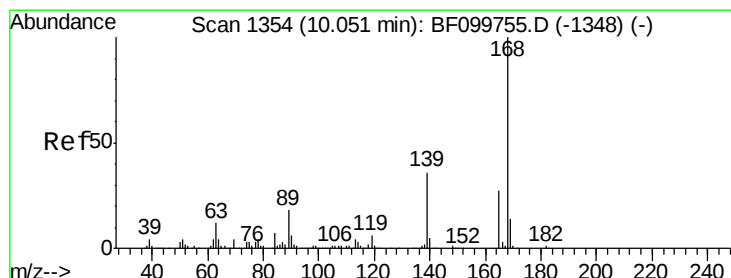
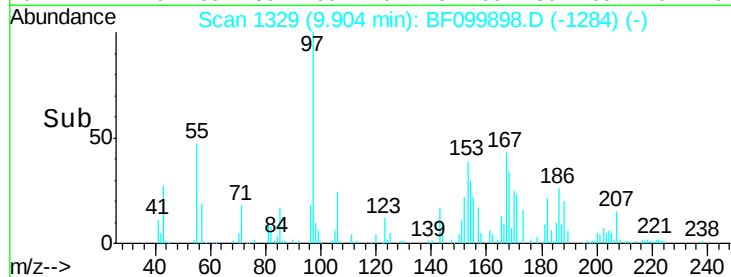
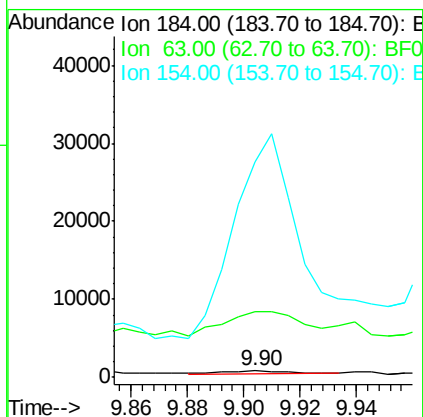
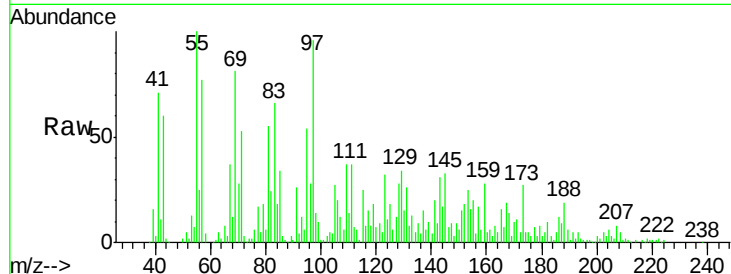




#53
 2,4-Dinitrophenol
 Concen: 6.78 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

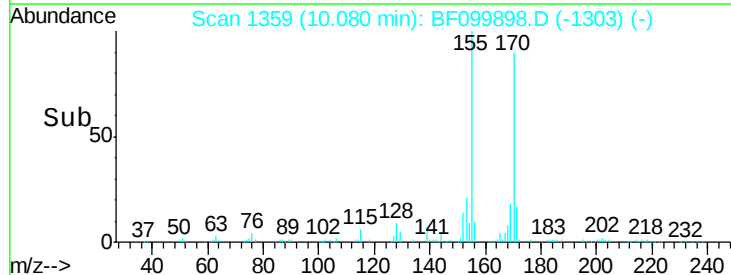
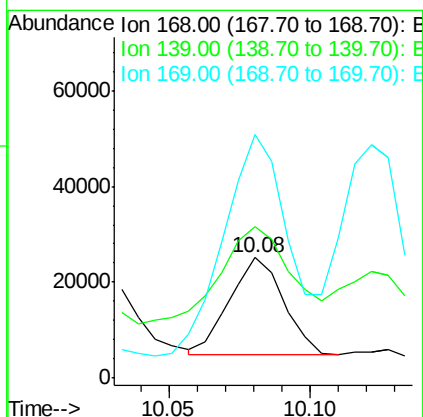
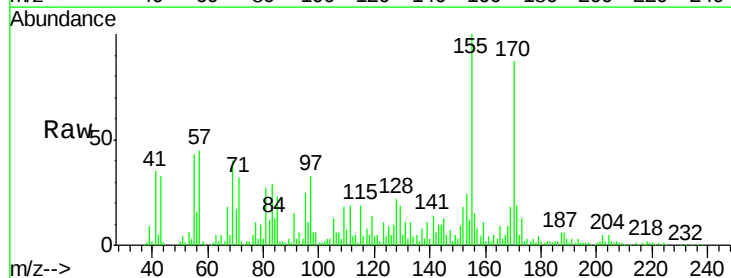
Instrument :
 BNA_F
 ClientSampleId :

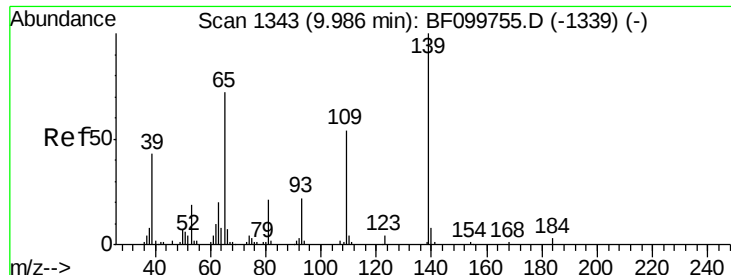
Tot Ion:184 Resp: 647
 Ion Ratio Lower Upper
 184 100
 63 969.1 54.2 81.2#
 154 3187.1 53.5 80.3#



#54
 Dibenzofuran
 Concen: 3.48 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.03 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:168 Resp: 27158
 Ion Ratio Lower Upper
 168 100
 139 126.5 30.1 45.1#
 169 202.6 10.9 16.3#





#55

4-Nitrophenol

Concen: 37.91 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.08 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

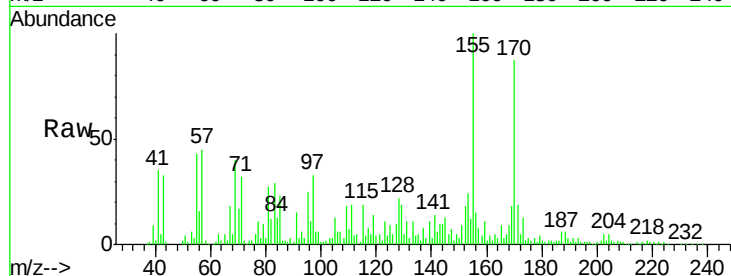
Tot Ion:139 Resp: 34777

Ion Ratio Lower Upper

139 100

109 157.1 48.4 88.4#

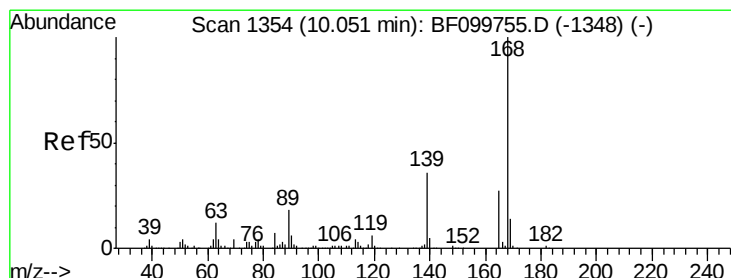
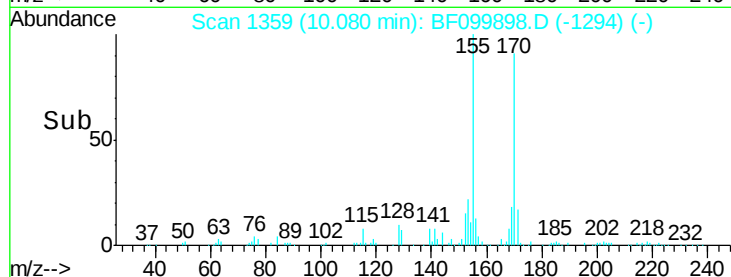
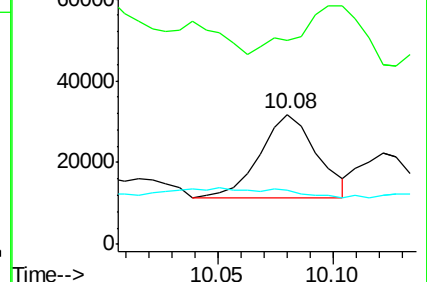
65 41.9 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 8.63 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Tgt Ion:165 Resp: 15478

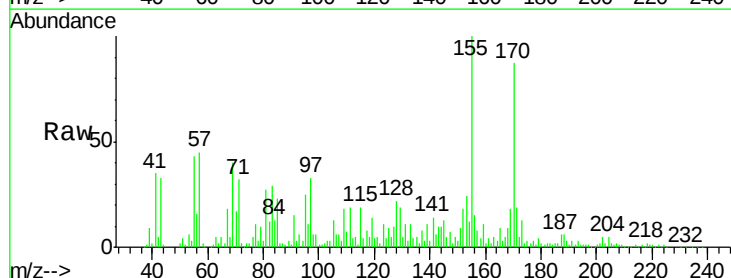
Ion Ratio Lower Upper

165 100

63 54.4 36.4 54.6

89 28.2 57.8 86.6#

182 22.5 1.6 2.4#

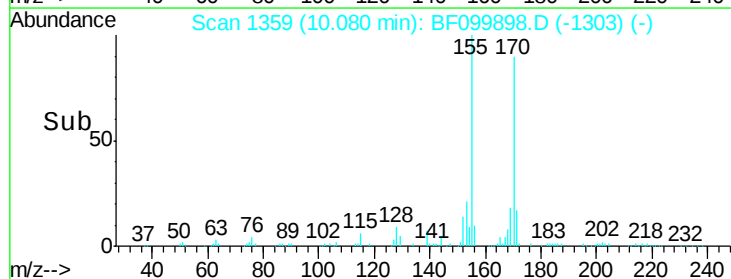
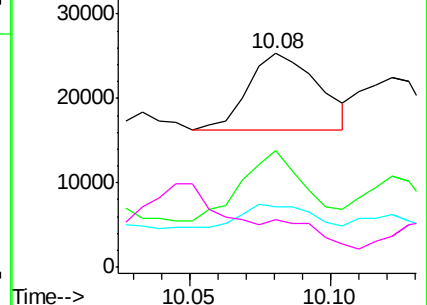


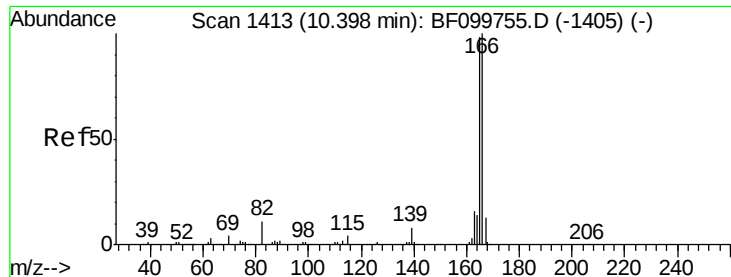
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

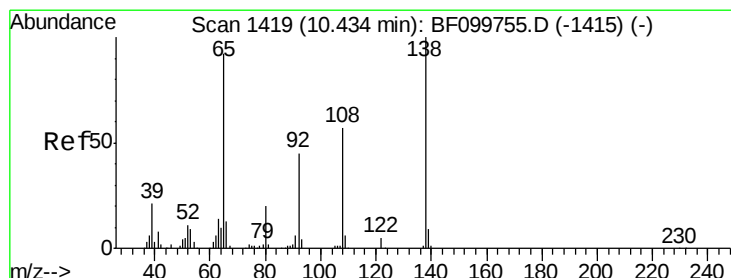
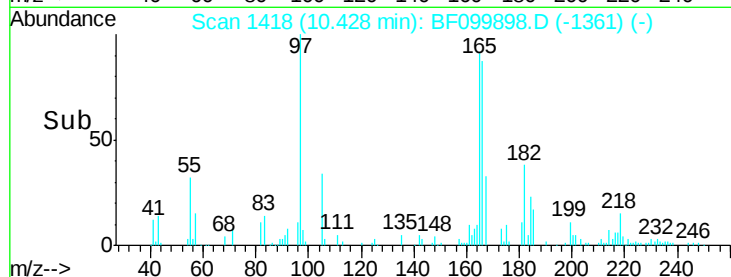
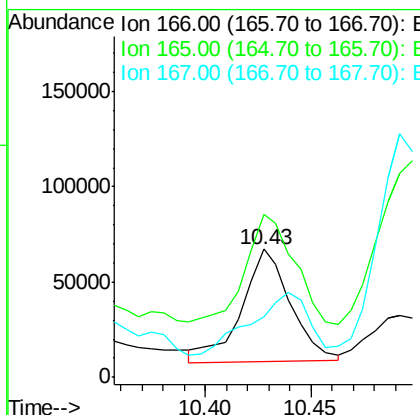
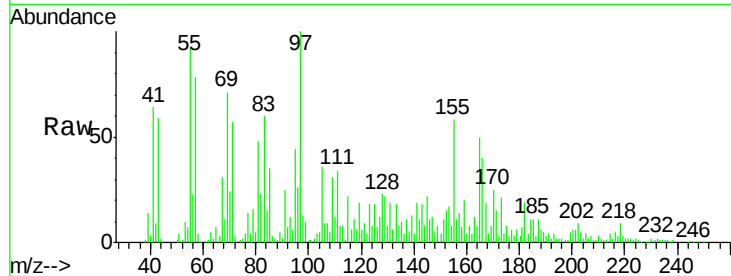




#57
Fluorene
 Concen: 14.78 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

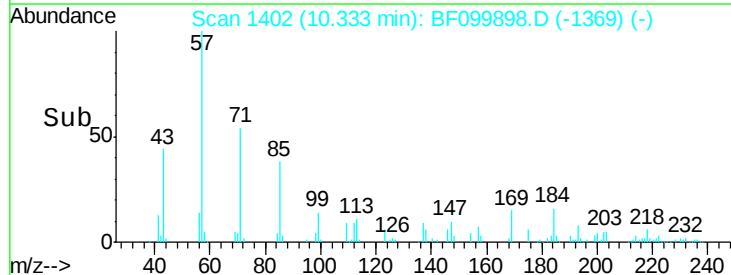
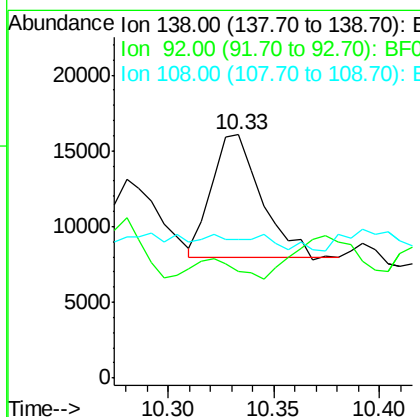
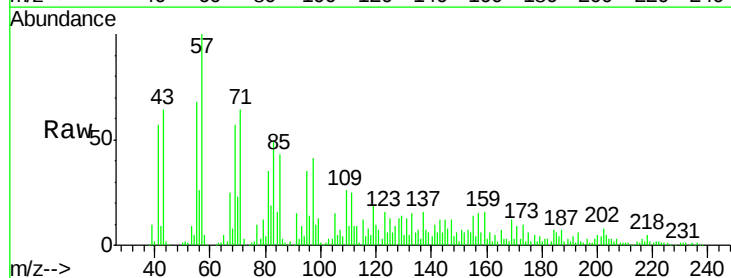
Instrument :
 BNA_F
 ClientSampleId :

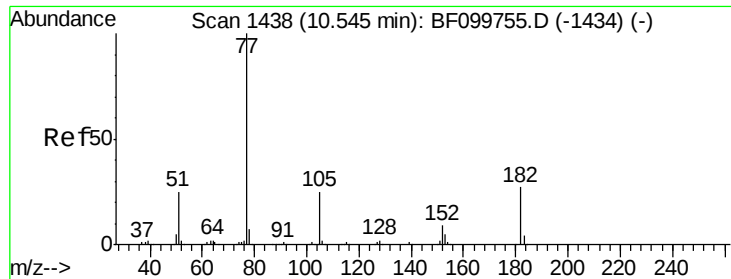
Tot Ion:166 Resp: 95609
 Ion Ratio Lower Upper
 166 100
 165 127.2 79.8 119.8#
 167 47.0 10.6 16.0#



#61
4-Nitroaniline
 Concen: 7.73 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.11 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:138 Resp: 12950
 Ion Ratio Lower Upper
 138 100
 92 43.6 30.2 70.2
 108 57.0 52.5 92.5





#62

Azobenzene

Concen: 6.66 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.04 min

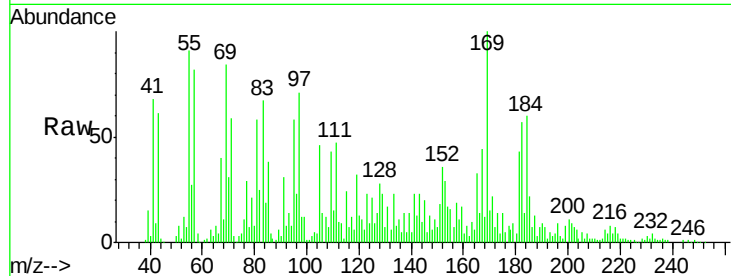
Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 77 Resp: 38639

Ion Ratio Lower Upper

77 100

182 198.7 1.7 41.7#

105 159.2 3.0 43.0#

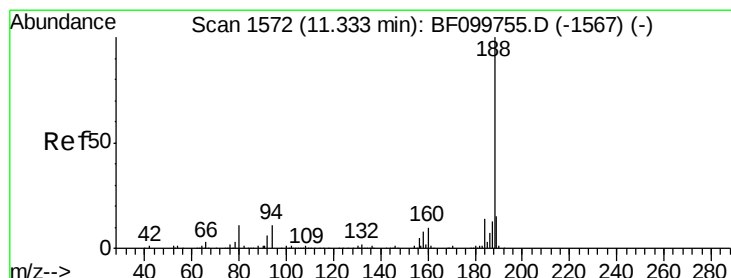
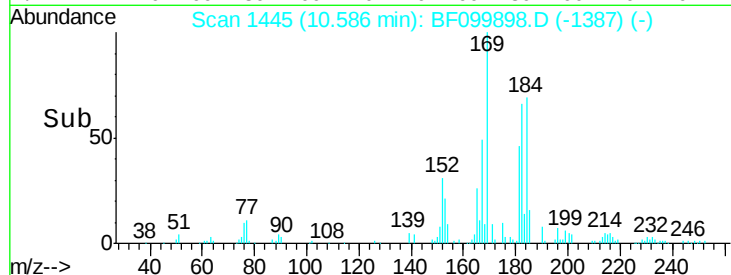
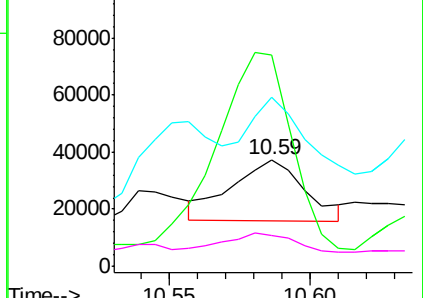
51 29.0 9.9 49.9

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Tgt Ion: 188 Resp: 141566

Ion Ratio Lower Upper

188 100

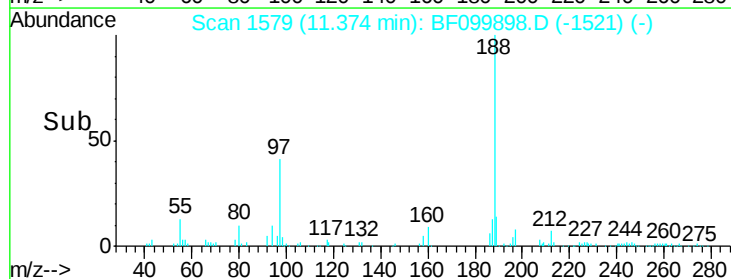
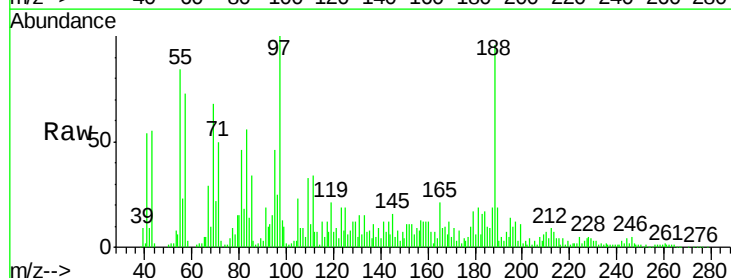
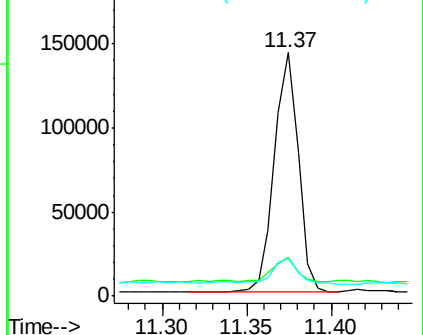
94 15.8 8.5 12.7#

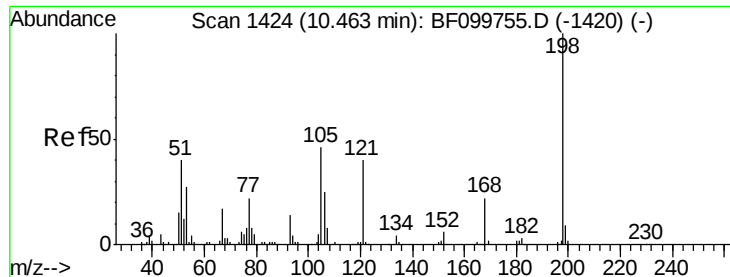
80 15.3 9.2 13.8#

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

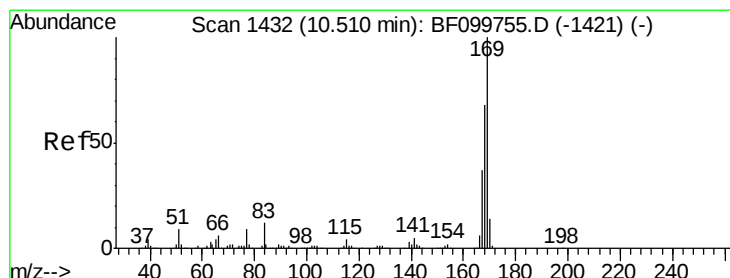
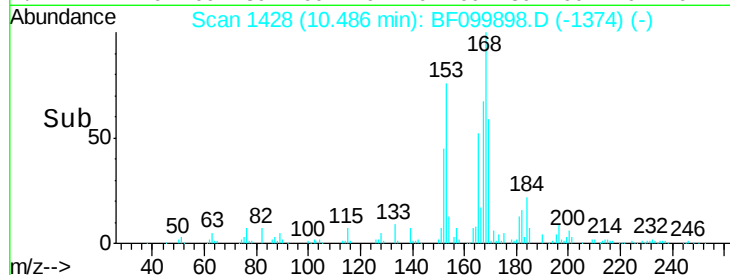
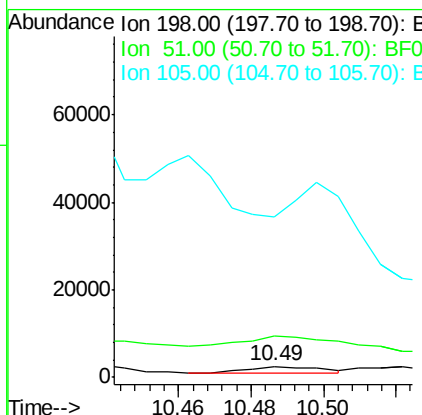
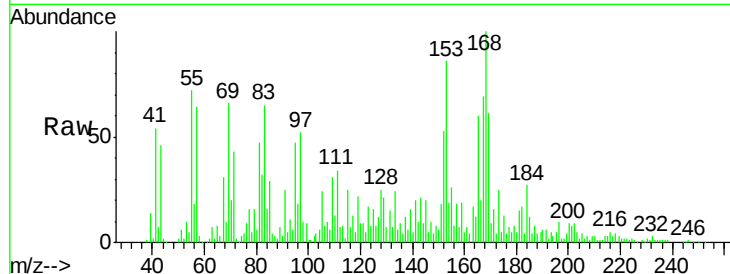




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.59 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.02 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

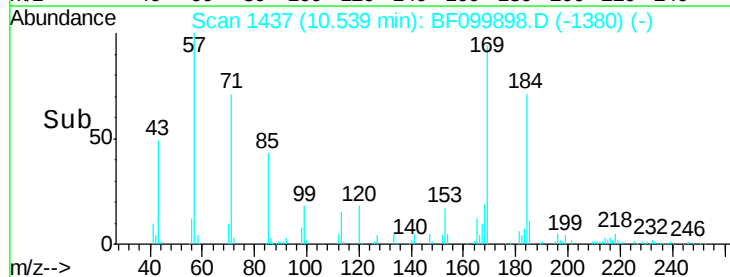
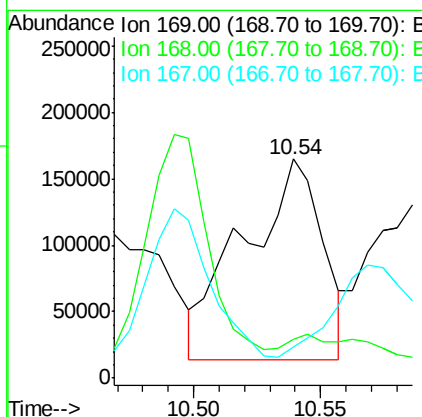
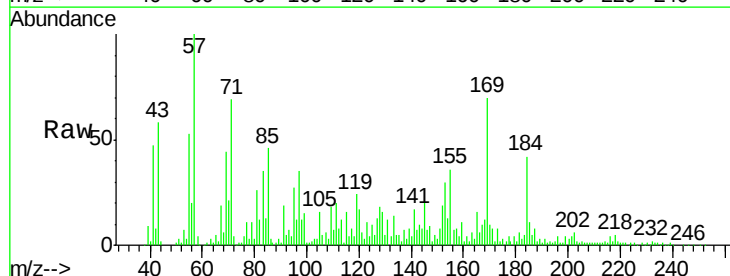
Instrument :
 BNA_F
 ClientSampleId :

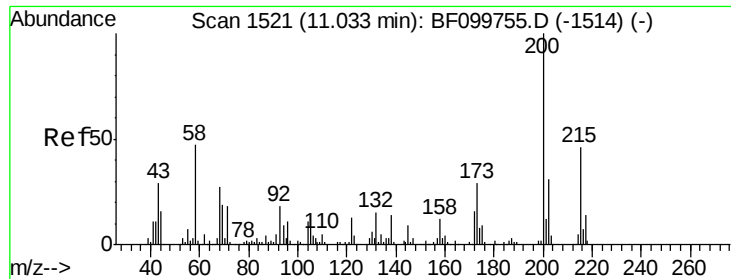
Tot Ion:198 Resp: 2301
 Ion Ratio Lower Upper
 198 100
 51 369.9 37.7 77.7#
 105 1454.2 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 62.52 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion:169 Resp: 326695
 Ion Ratio Lower Upper
 169 100
 168 17.7 54.4 81.6#
 167 14.3 29.8 44.6#

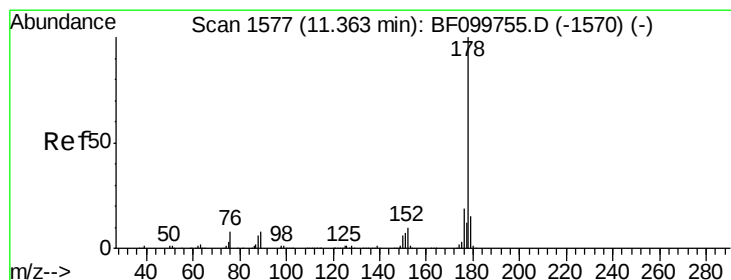
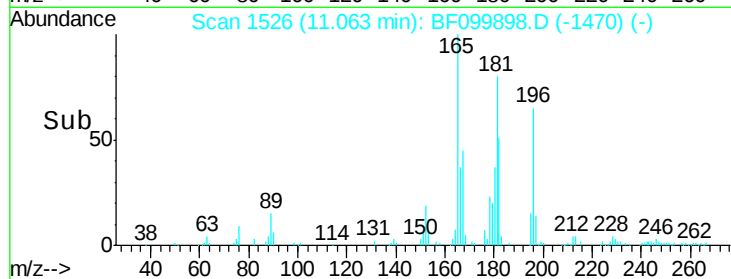
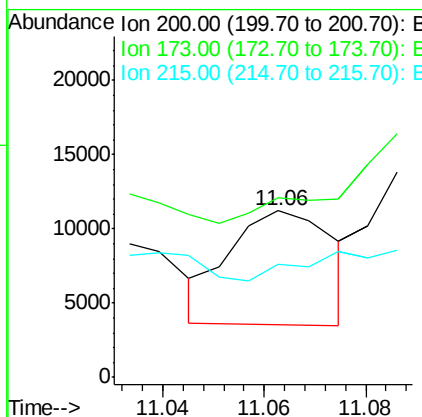
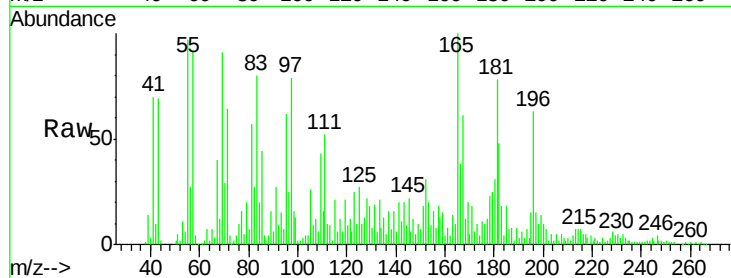




#68
 Atrazine
 Concen: 6.92 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.03 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

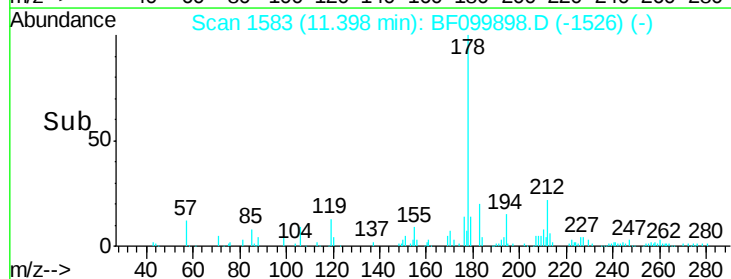
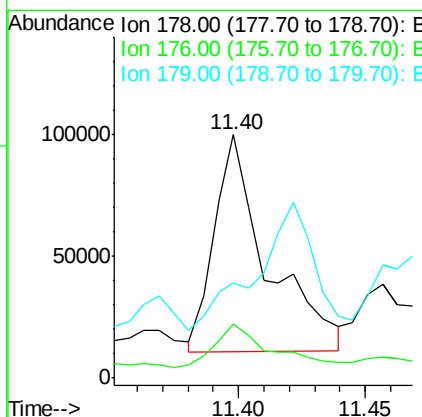
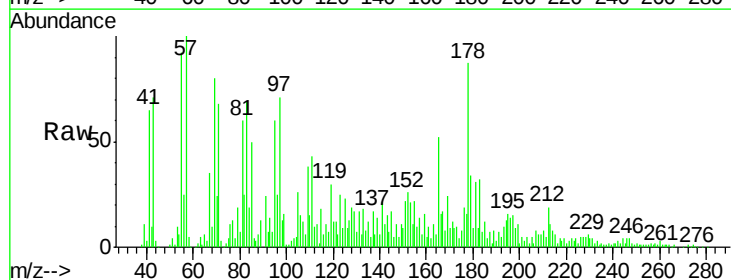
Instrument :
 BNA_F
 ClientSampled :

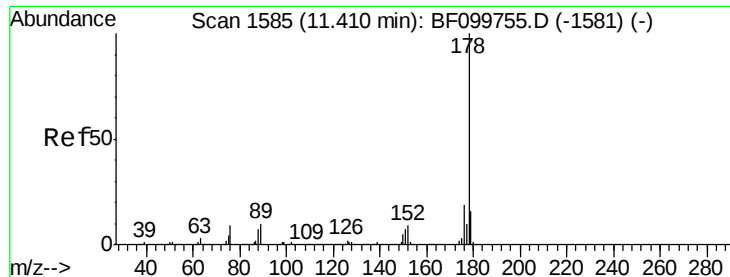
Tot Ion	Ratio	Lower	Upper
200	100		
173	108.2	8.6	48.6#
215	68.2	25.1	65.1#



#70
 Phenanthrene
 Concen: 16.22 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.04 min
 Lab File: BF099898.D
 Acq: 28 Oct 2017 1:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	38.9	13.0	19.6#





#71

Anthracene

Concen: 2.86 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.04 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampleId :

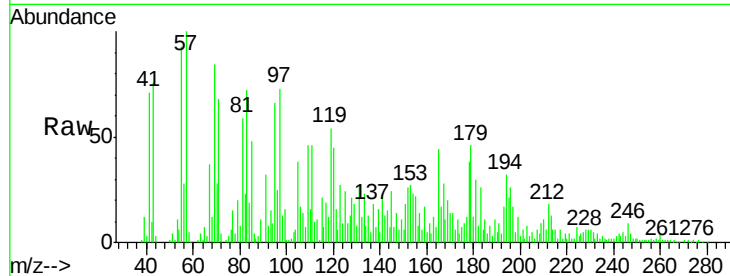
Tot Ion:178 Resp: 23222

Ion Ratio Lower Upper

178 100

176 22.7 15.4 23.2

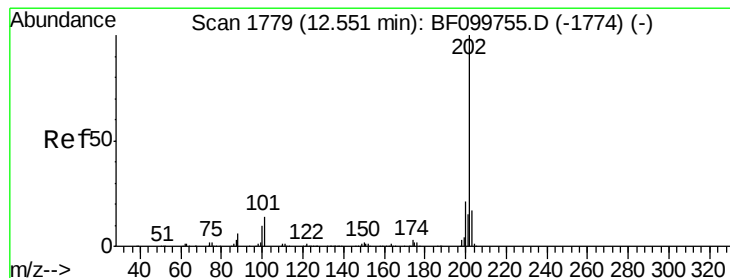
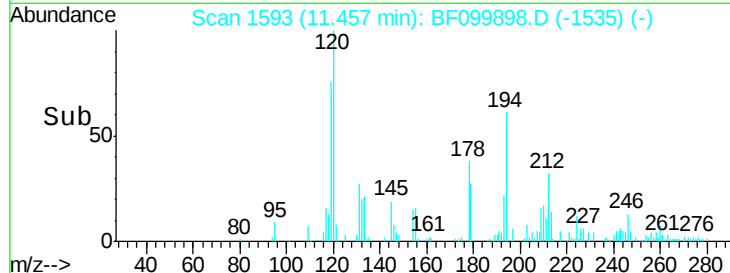
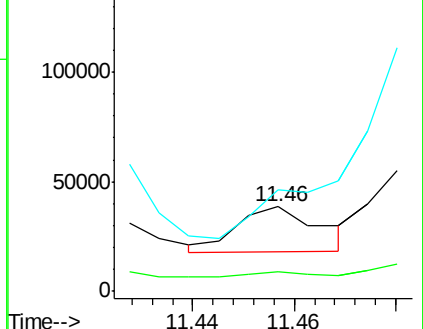
179 120.9 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.04 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.03 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

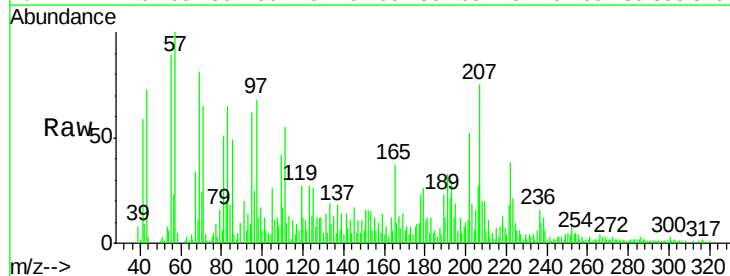
Tgt Ion:202 Resp: 25224

Ion Ratio Lower Upper

202 100

101 23.8 0.0 34.1

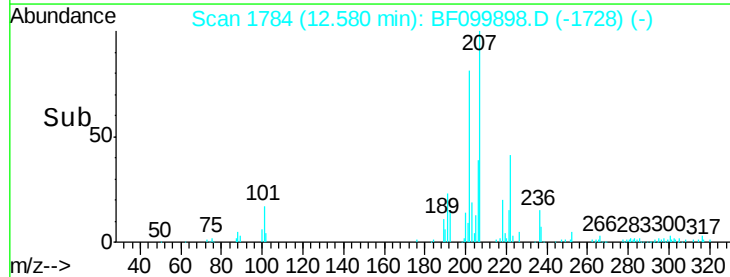
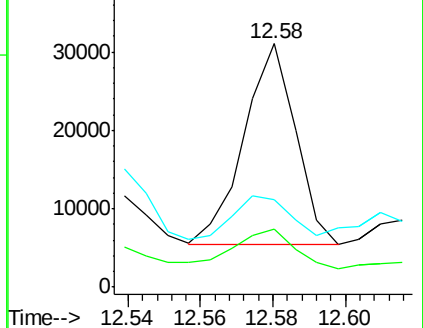
203 36.1 0.0 38.1

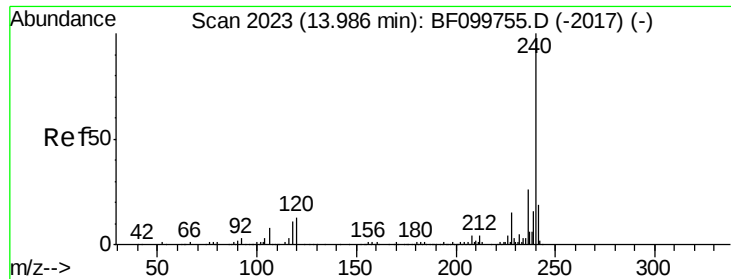


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

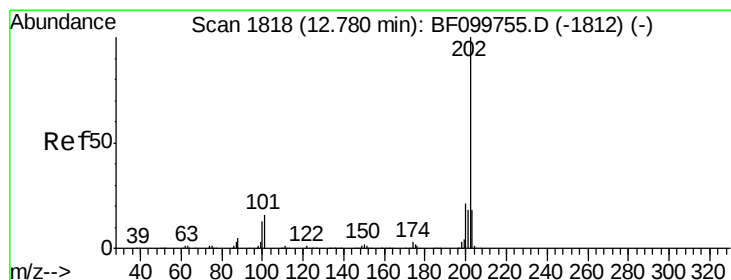
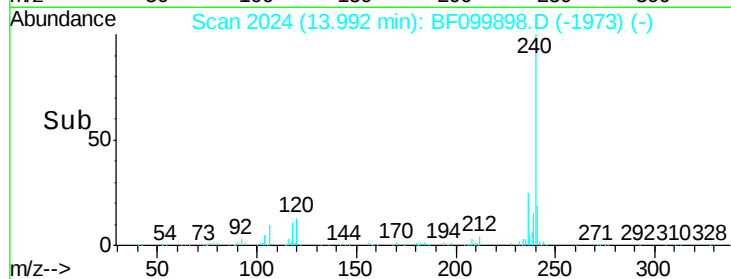
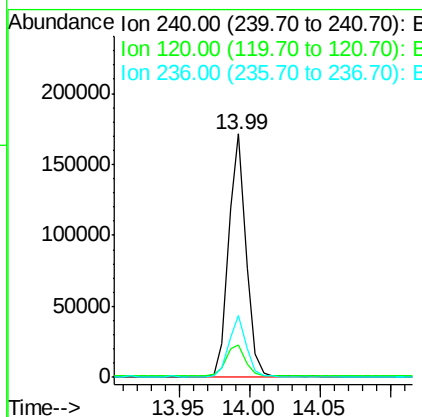
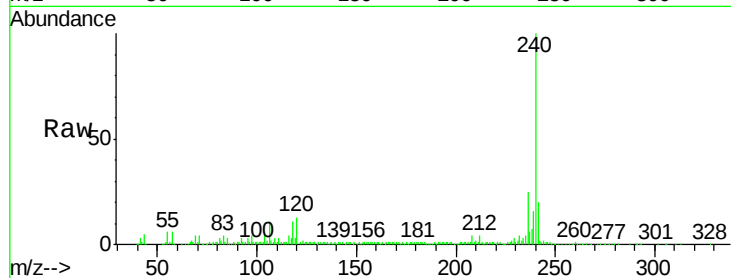




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

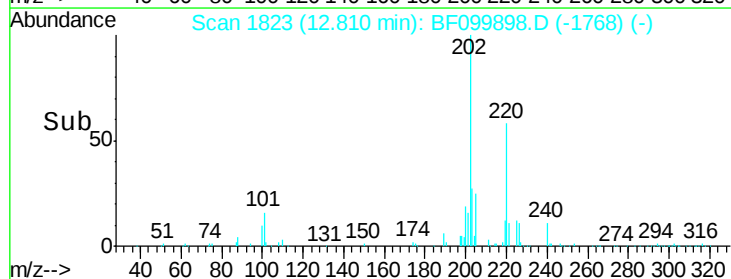
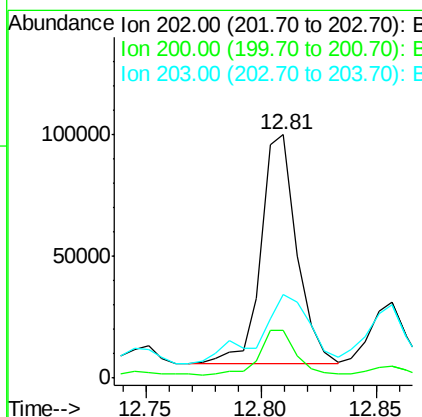
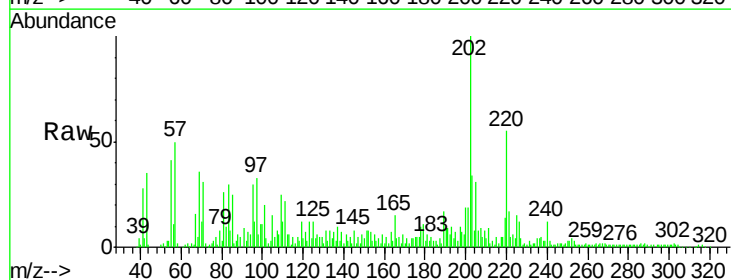
Instrument :
BNA_F
ClientSampleId :

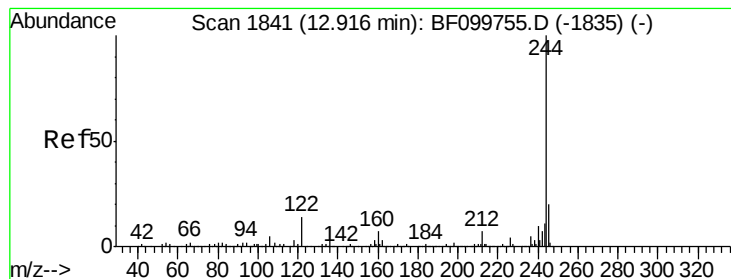
Tot Ion:240 Resp: 145967
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.5 20.7 31.1



#77
Pyrene
Concen: 9.17 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:202 Resp: 101822
Ion Ratio Lower Upper
202 100
200 19.4 17.4 26.2
203 34.2 14.3 21.5#





#78

Terphenyl-d14

Concen: 46.61 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

Instrument :

BNA_F

ClientSampled :

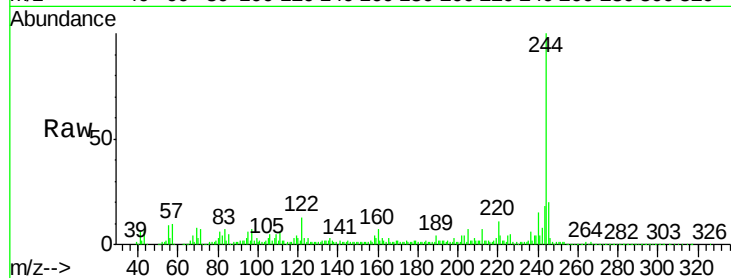
Tot Ion:244 Resp: 311330

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

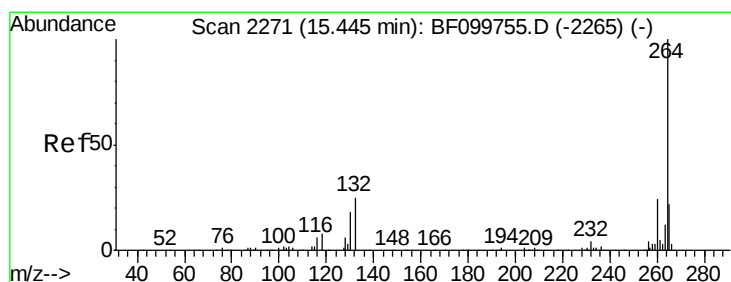
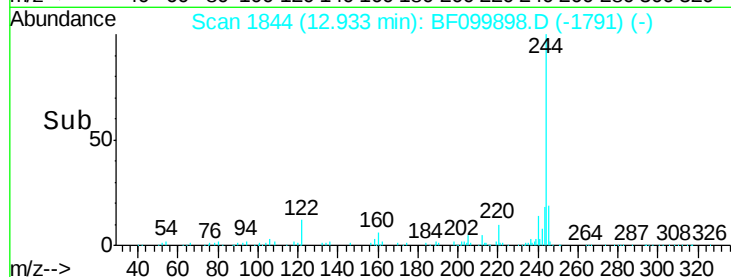
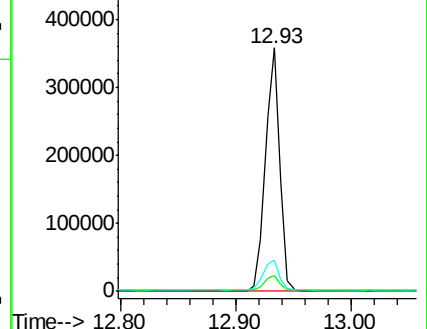
122 13.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099898.D

Acq: 28 Oct 2017 1:59

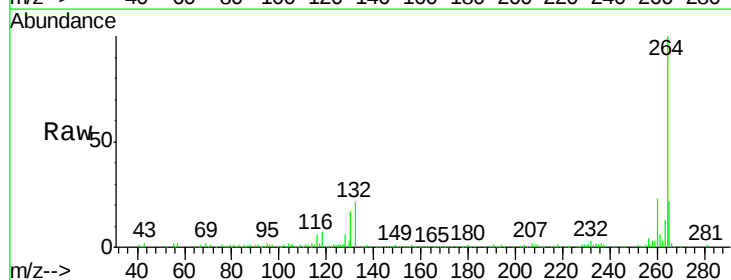
Tgt Ion:264 Resp: 167113

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 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

