

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085107.D
 Acq On : 2 Mar 2016 9:29
 Operator : SJ/IZ
 Sample : PB88623BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:34:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	185125	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	821059	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	380082	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	704119	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	644893	20.00	ng	-0.01
86) Perylene-d12	15.62	264	447172	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1329811	116.62	ng	0.01
7) Phenol-d6	6.60	99	1645987	110.11	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1195374	77.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	479313	125.49	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1796649	69.62	ng	-0.01
78) Terphenyl-d14	13.10	244	1815531	66.04	ng	-0.01

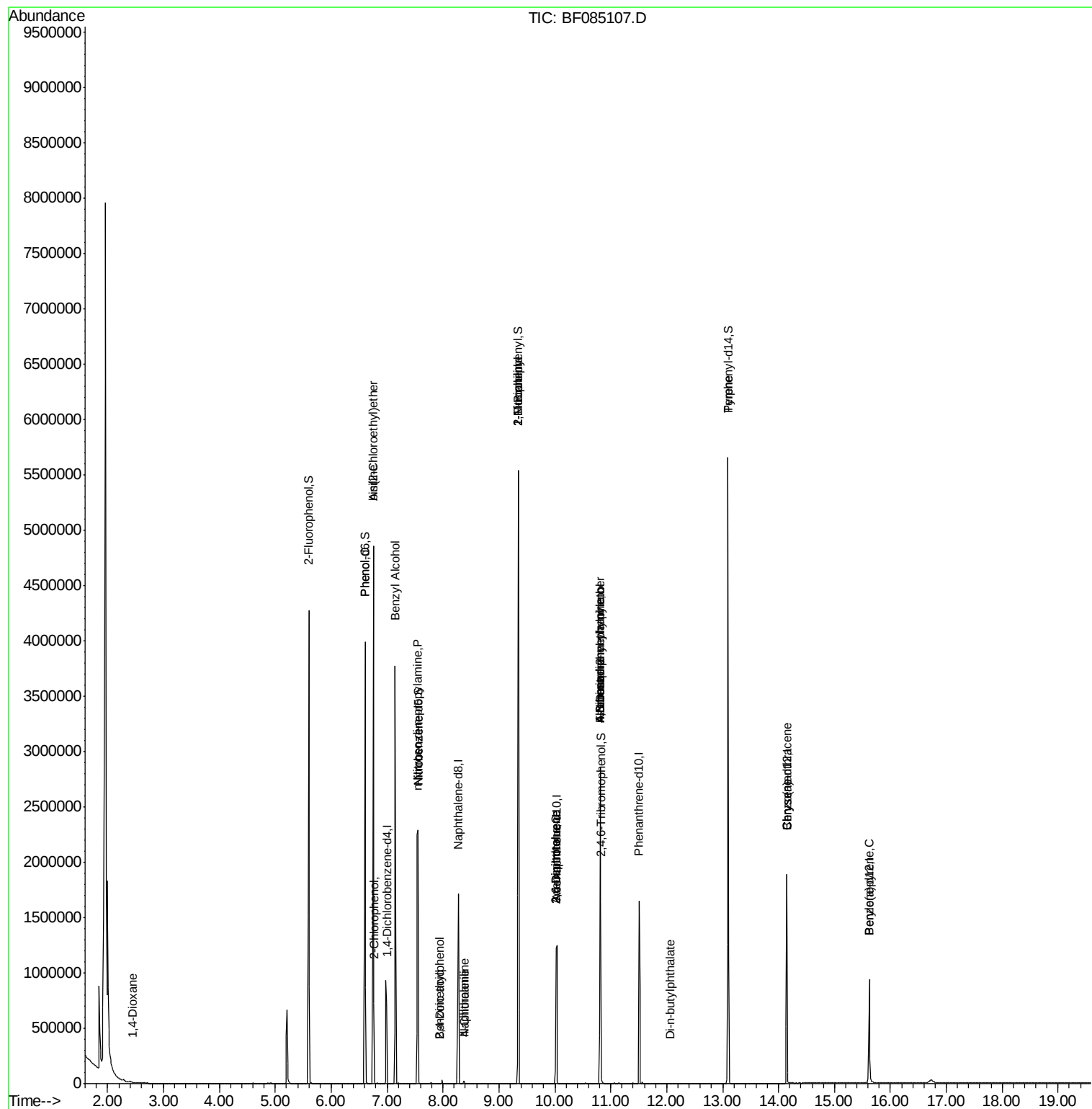
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	455	0.08	ng	# 22
6) Aniline	6.75	93	2273	0.11	ng	# 1
8) 2-Chlorophenol	6.76	128	1034	0.08	ng	# 1
9) Benzaldehyde	6.60	77	2515	Below Cal		# 4
10) Phenol	6.60	94	259	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.75	93	2273	0.17	ng	# 1
15) Benzyl Alcohol	7.14	79	18897	1.73	ng	# 49
19) n-Nitroso-di-n-propylamine	7.54	70	158851	16.12	ng	# 83
24) Nitrobenzene	7.55	77	3481	0.22	ng	# 38
27) 2,4-Dimethylphenol	7.94	122	221	0.02	ng	# 6
31) Naphthalene	8.38	128	1525	0.04	ng	# 1
32) Benzoic acid	7.94	122	221	12.42	ng	94
33) 4-Chloroaniline	8.38	127	216	0.01	ng	# 1
45) 1,1'-Biphenyl	9.35	154	3866	0.11	ng	# 1
47) 2-Nitroaniline	9.35	65	3125	0.40	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	47299	8.09	ng	# 22
51) Acenaphthene	10.02	154	1540	0.07	ng	# 4
56) 2,4-Dinitrotoluene	10.02	165	47299	6.01	ng	# 19
57) Fluorene	10.81	166	17613	0.75	ng	# 91
62) Azobenzene	10.81	77	2294	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.81	198	1092	7.42	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	12483	0.56	ng	# 45
66) 4-Bromophenyl-phenylether	10.81	248	27770	3.76	ng	# 1
73) Di-n-butylphthalate	12.07	149	363	0.01	ng	# 78
77) Pyrene	13.10	202	6558	0.15	ng	# 75
80) Benzo(a)anthracene	14.15	228	1597	0.04	ng	# 61
82) Chrysene	14.15	228	1597	0.05	ng	# 58
89) Benzo(a)pyrene	15.62	252	1422	0.06	ng	# 72

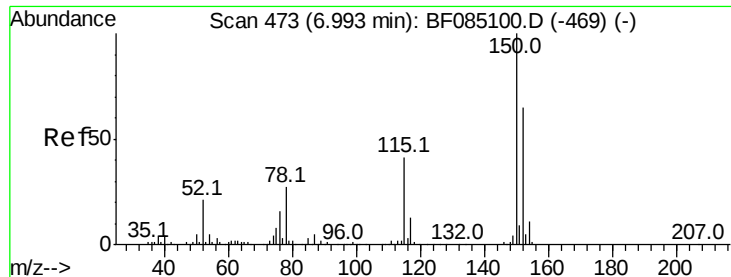
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 01:34:29 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

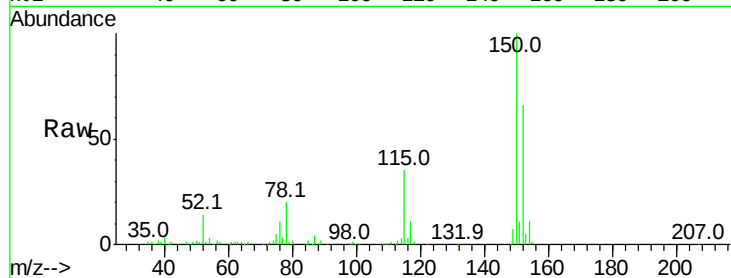
Tot Ion:152 Resp: 185125

Ion Ratio Lower Upper

152 100

150 151.8 123.4 185.0

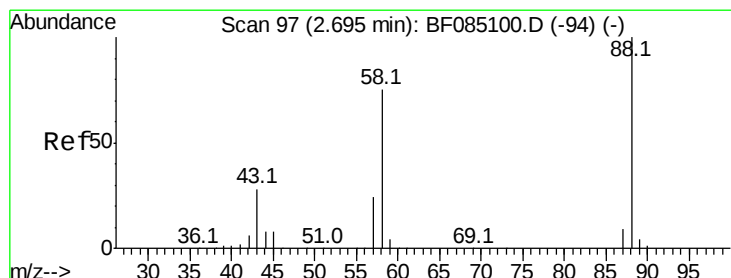
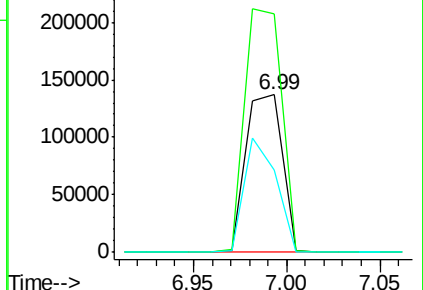
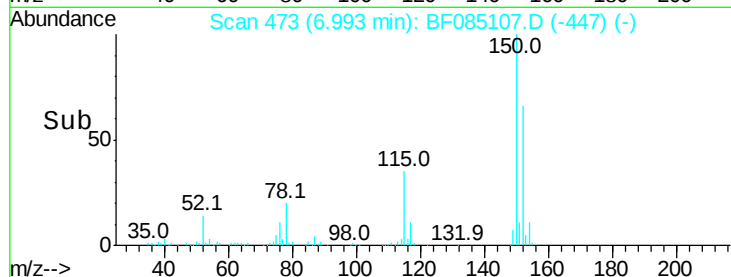
115 52.4 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.08 ng

RT: 2.46 min Scan# 76

Delta R.T. -0.24 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

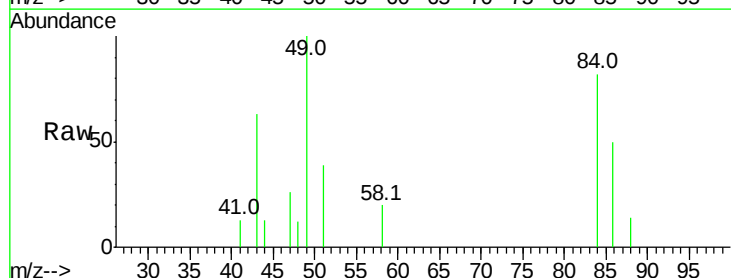
Tgt Ion: 88 Resp: 455

Ion Ratio Lower Upper

88 100

58 0.0 58.4 87.6#

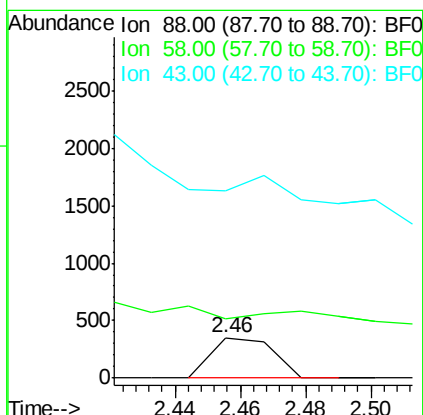
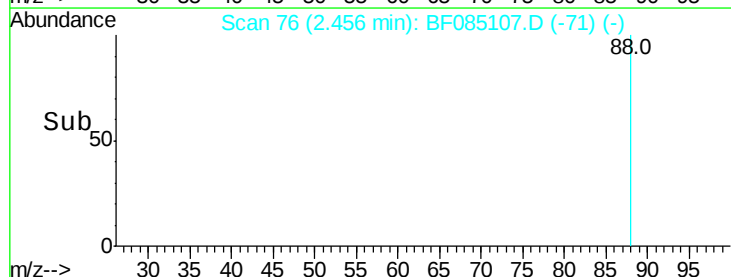
43 0.0 22.2 33.4#

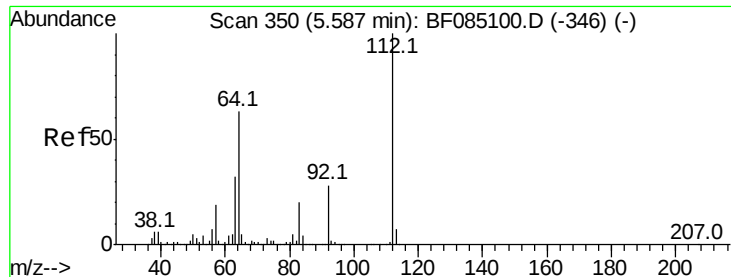


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 116.62 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

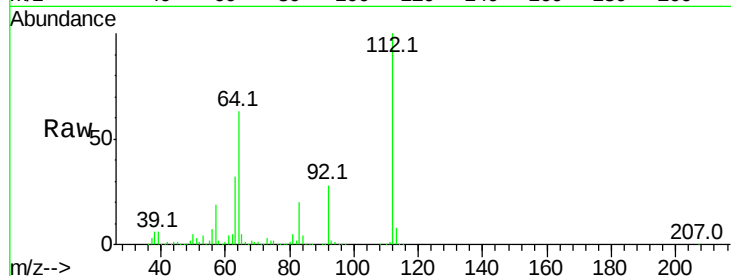
Tot Ion:112 Resp: 1329811

Ion Ratio Lower Upper

112 100

64 63.2 50.6 76.0

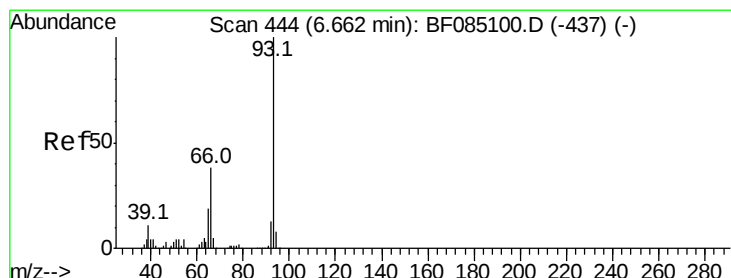
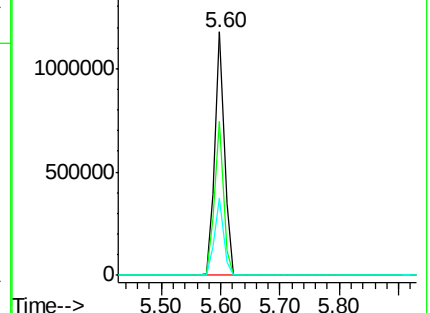
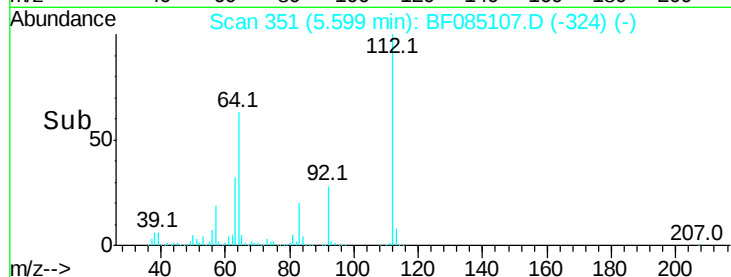
63 31.6 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.11 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.09 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

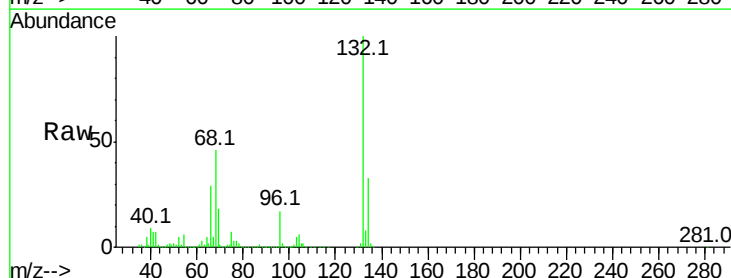
Tgt Ion: 93 Resp: 2273

Ion Ratio Lower Upper

93 100

66 18694.3 30.1 45.1#

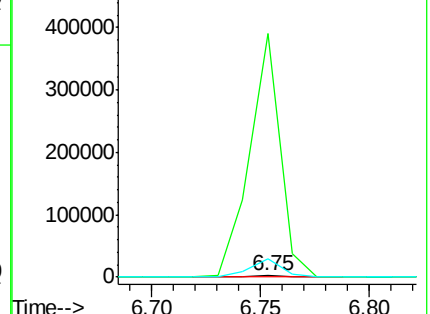
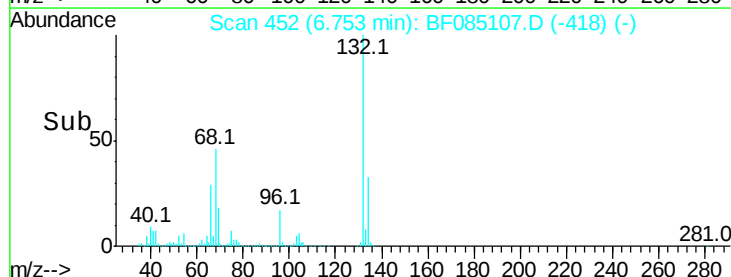
65 1423.8 15.0 22.6#

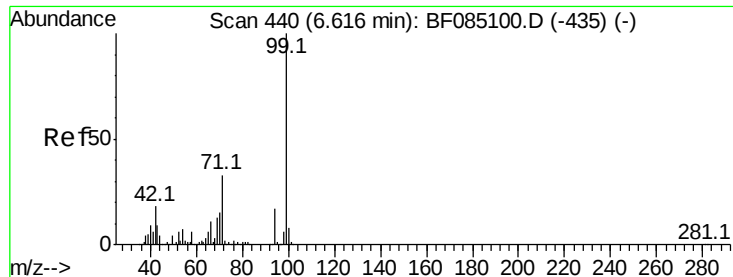


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.11 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

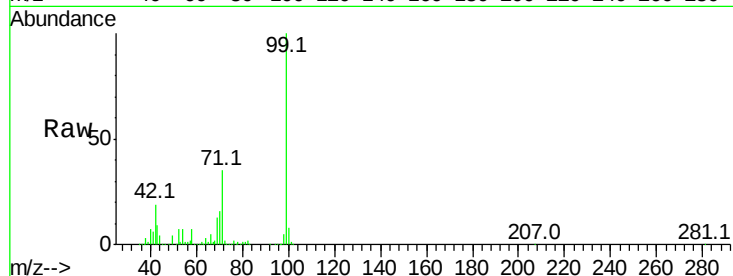
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1645987

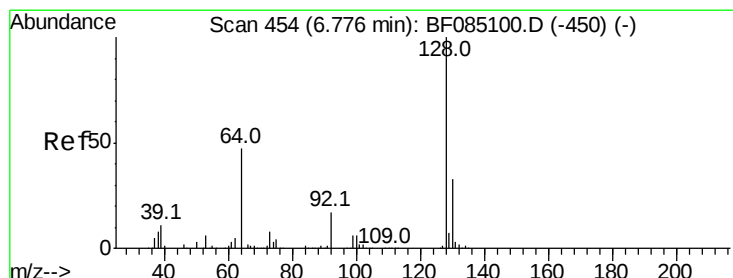
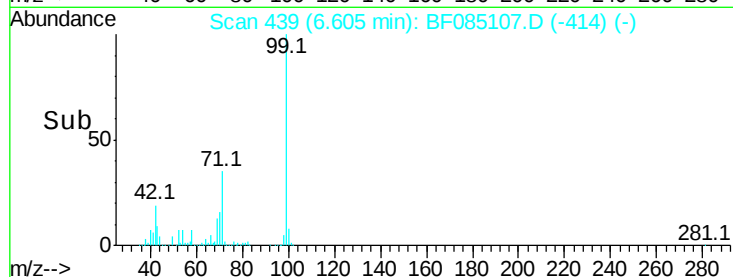
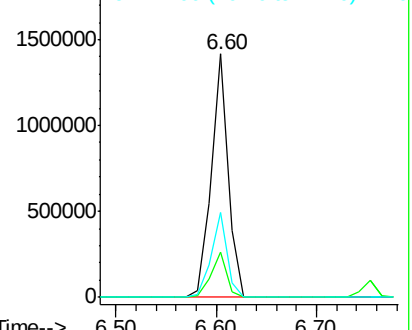
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.1	21.1
71	35.0	26.8	40.2



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: 0.08 ng

RT: 6.76 min Scan# 453

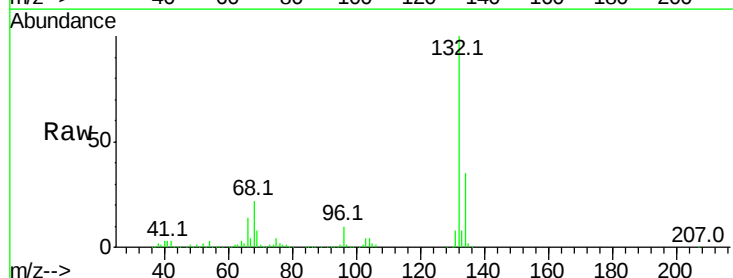
Delta R.T. -0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Tgt Ion: 128 Resp: 1034

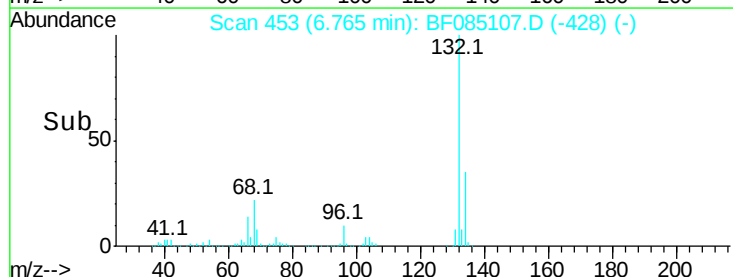
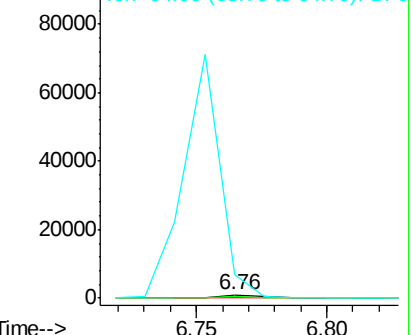
Ion	Ratio	Lower	Upper
128	100		
130	73.6	13.1	53.1#
64	770.7	29.6	69.6#

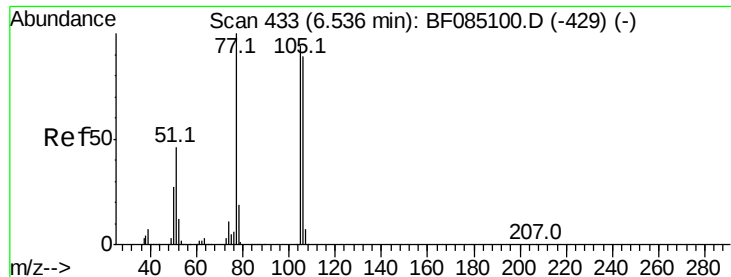


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.60 min Scan# 439

Delta R.T. 0.07 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

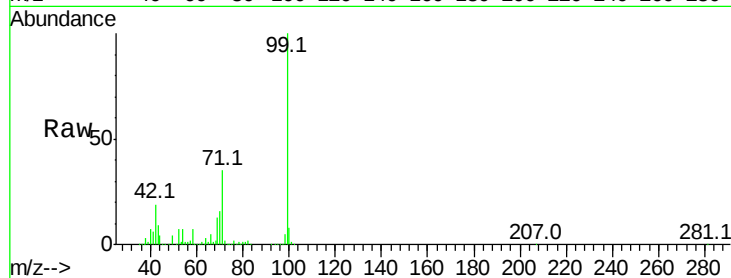
Tot Ion: 77 Resp: 2515

Ion Ratio Lower Upper

77 100

105 0.0 73.7 113.7#

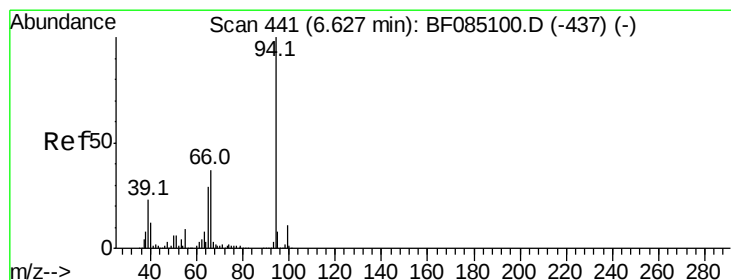
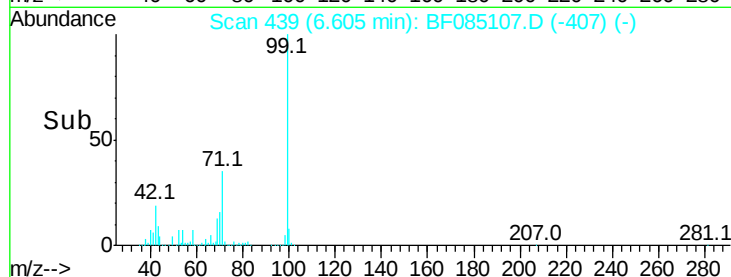
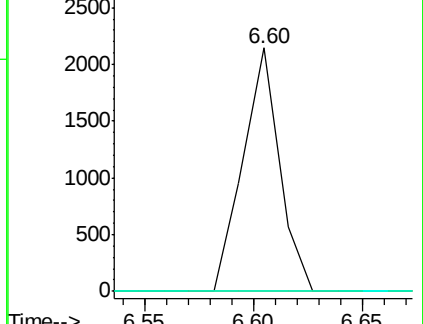
106 0.0 69.2 109.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.02 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

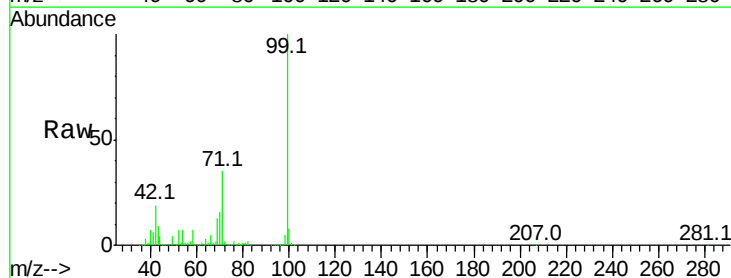
Tgt Ion: 94 Resp: 259

Ion Ratio Lower Upper

94 100

65 3336.6 9.1 49.1#

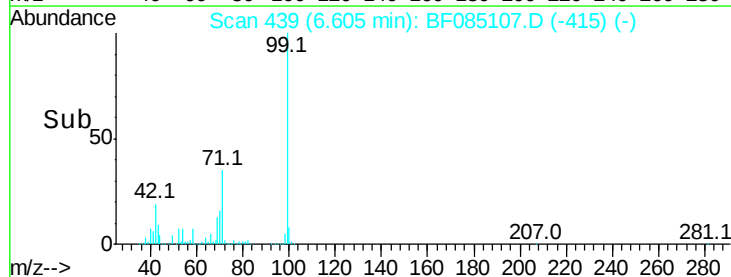
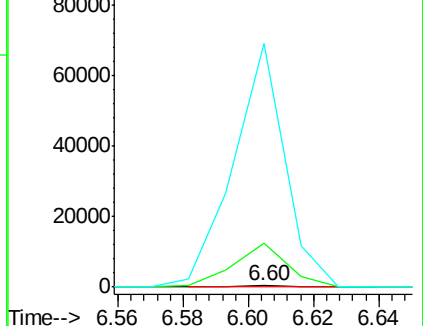
66 18342.7 17.5 57.5#

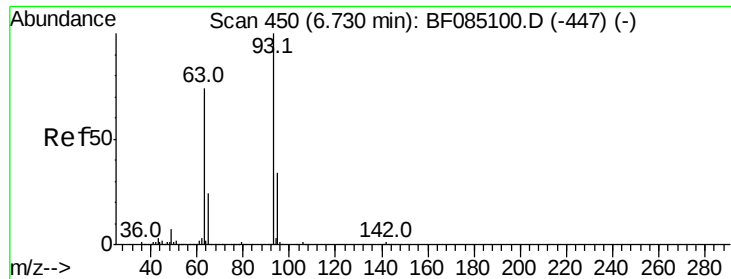


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

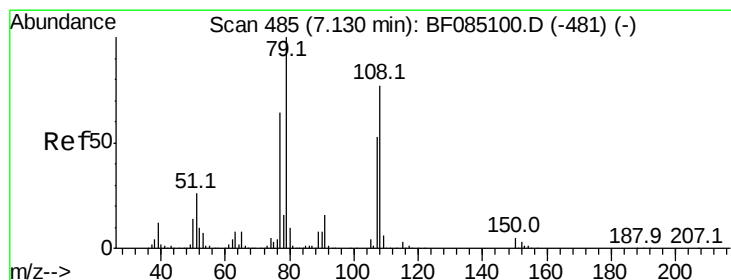
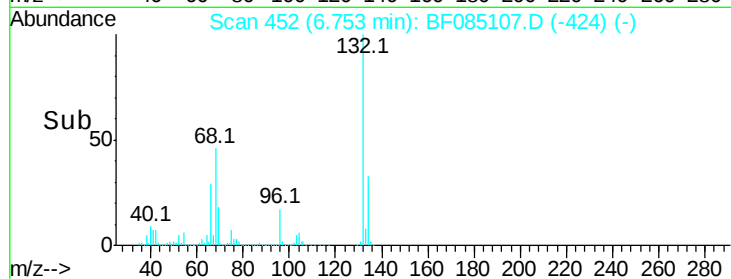
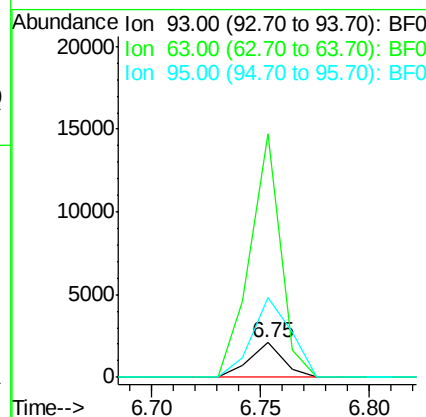
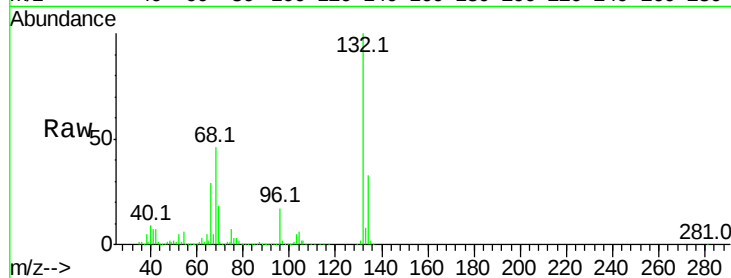




#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.02 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

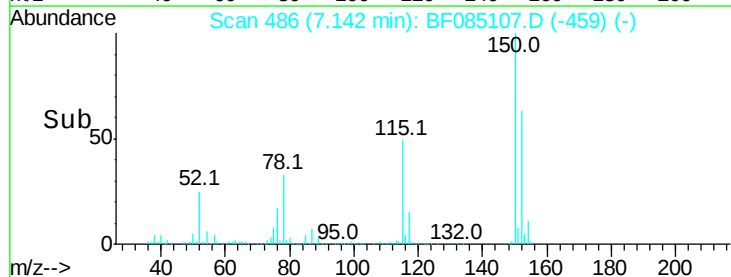
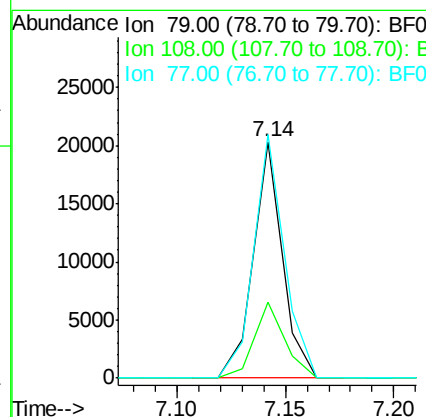
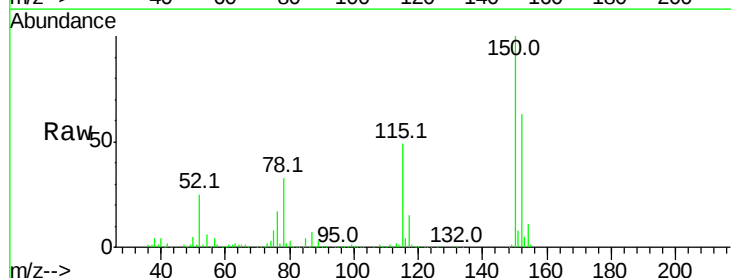
Instrument :
BNA_F
ClientSampleId :

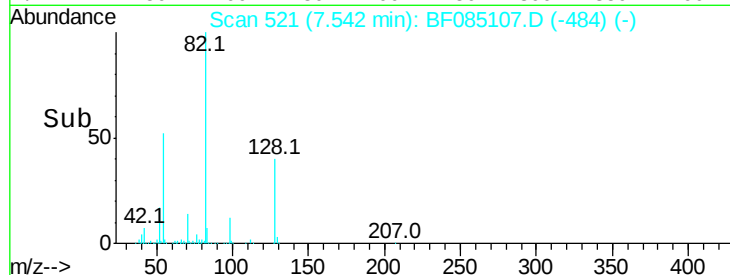
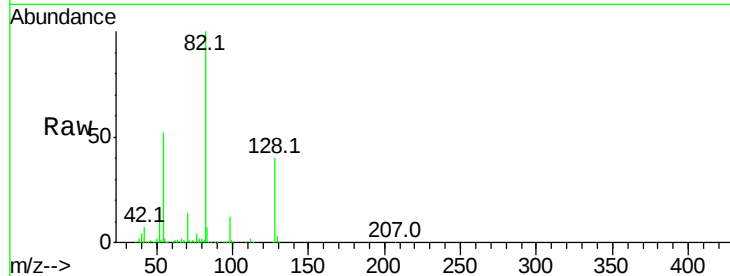
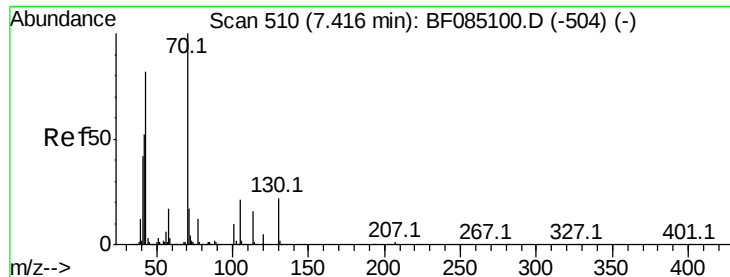
Tot Ion: 93 Resp: 2273
Ion Ratio Lower Upper
93 100
63 704.9 53.9 93.9#
95 230.3 13.8 53.8#



#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Tgt Ion: 79 Resp: 18897
Ion Ratio Lower Upper
79 100
108 31.9 61.8 92.6#
77 102.9 51.2 76.8#

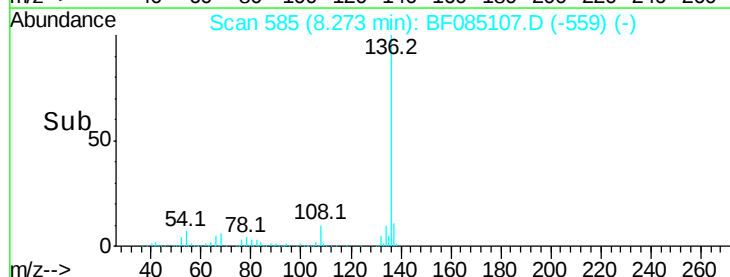
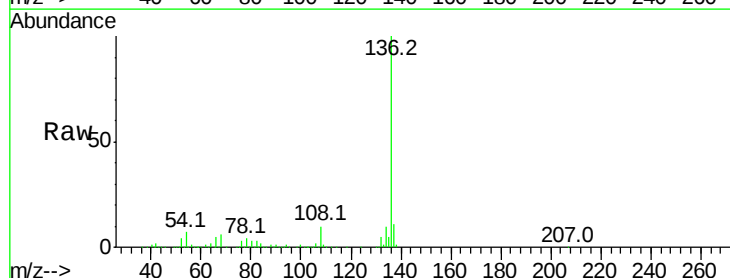
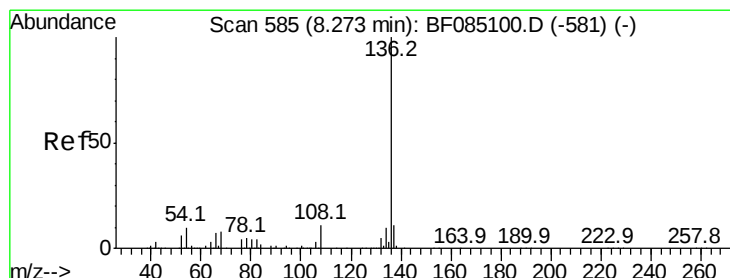
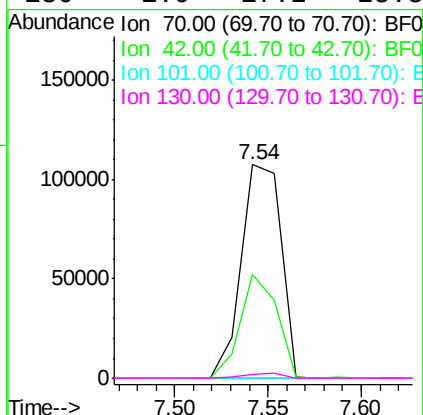




#19
n-Nitroso-di-n-propylamine
Concen: 16.12 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.13 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

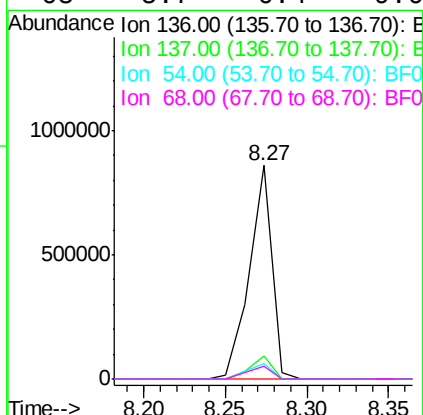
Instrument :
BNA_F
ClientSampleId :

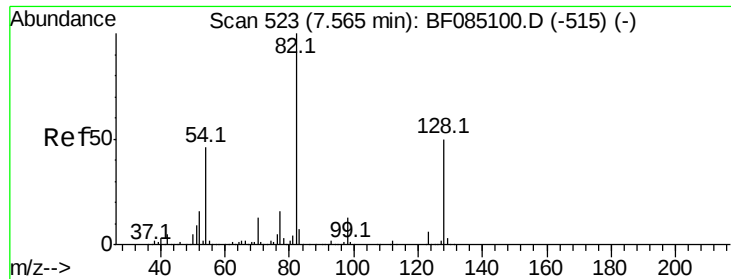
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.7	41.9	62.9
101	0.0	7.8	11.8#
130	1.9	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.1	8.5	12.7#
68	5.7	6.4	9.6#

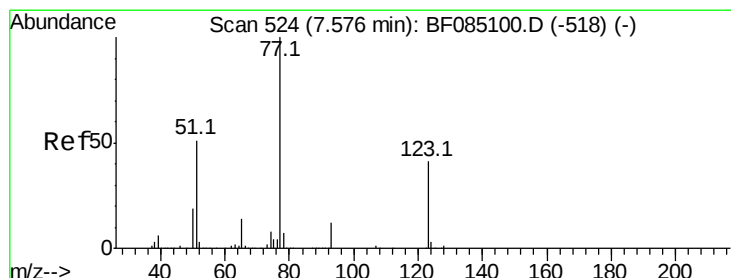
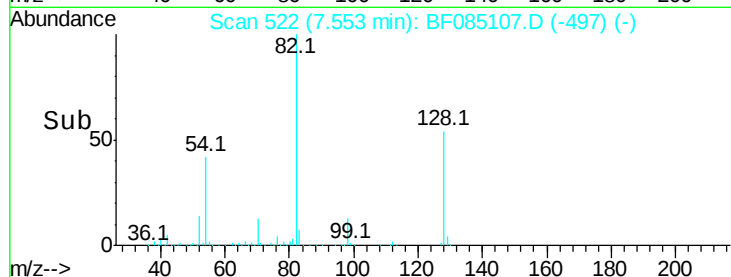
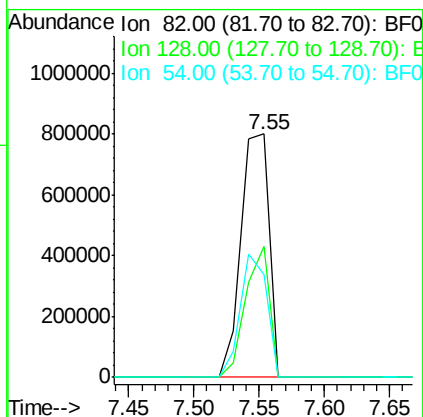
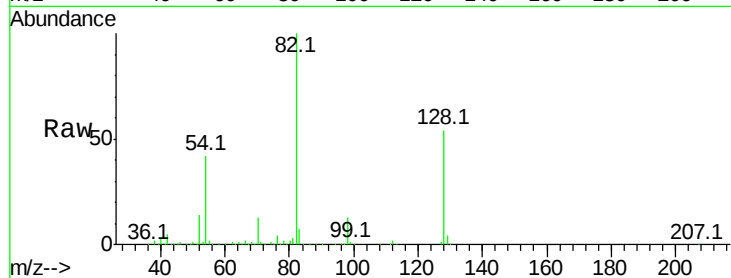




#23
 Nitrobenzene-d5
 Concen: 77.46 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085107.D
 Acq: 2 Mar 2016 9:29

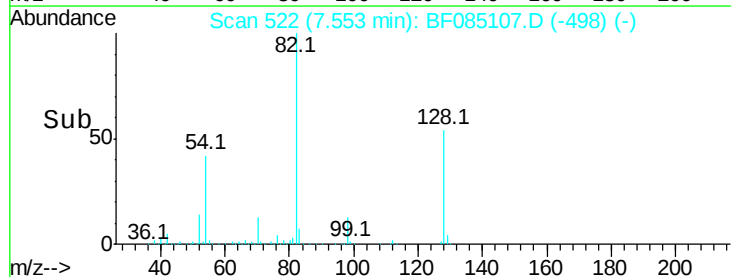
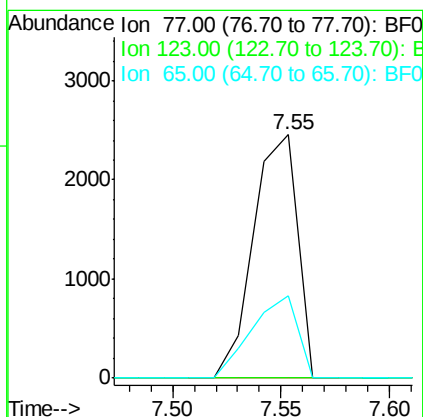
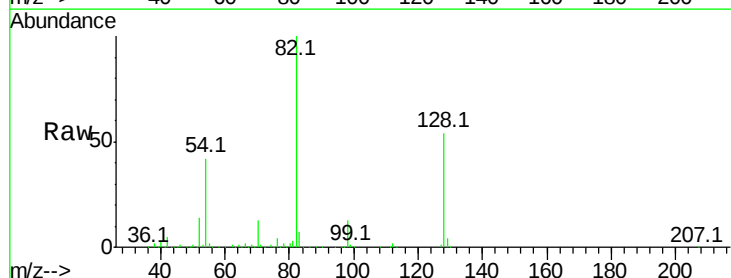
Instrument :
 BNA_F
 ClientSampled :

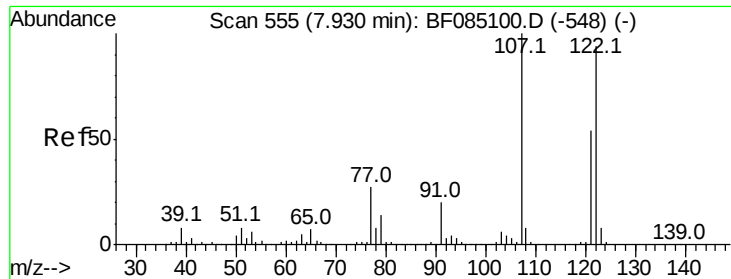
Tot Ion: 82 Resp: 1195374
 Ion Ratio Lower Upper
 82 100
 128 53.5 39.8 59.6
 54 42.1 36.6 54.8



#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.02 min
 Lab File: BF085107.D
 Acq: 2 Mar 2016 9:29

Tgt Ion: 77 Resp: 3481
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.4 50.2#
 65 33.9 10.9 16.3#





#27

2,4-Dimethylphenol

Concen: 0.02 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

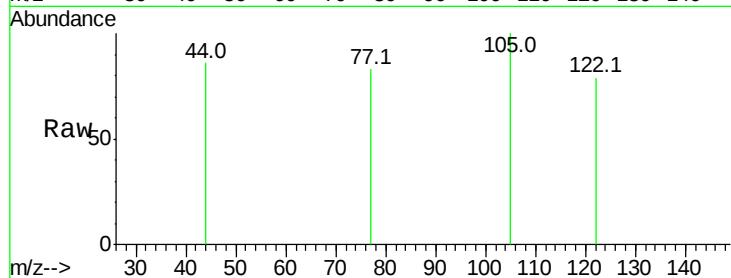
Tot Ion:122 Resp: 221

Ion Ratio Lower Upper

122 100

107 0.0 85.0 127.4#

121 0.0 45.8 68.8#



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

7.94

300

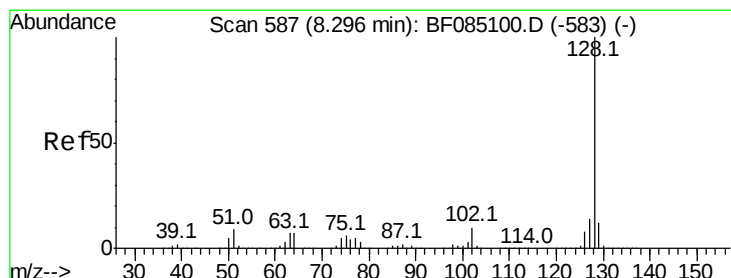
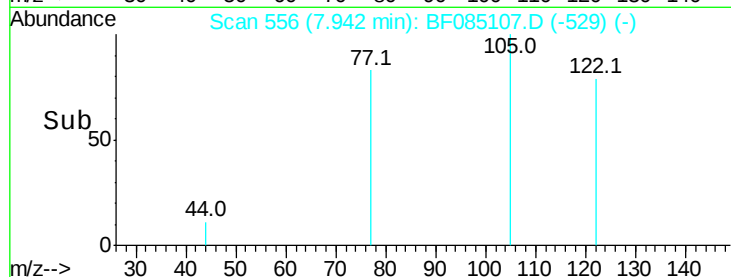
200

100

0

7.90 7.92 7.94 7.96 7.98

Time-->



#31

Naphthalene

Concen: 0.04 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.08 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

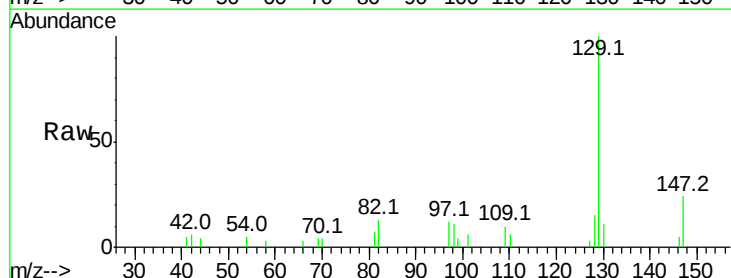
Tgt Ion:128 Resp: 1525

Ion Ratio Lower Upper

128 100

129 682.7 9.7 14.5#

127 21.4 11.1 16.7#



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

8.38

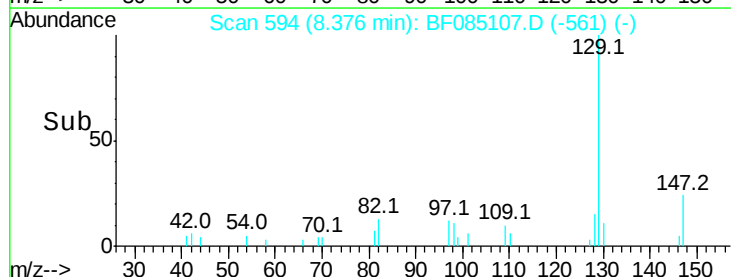
10000

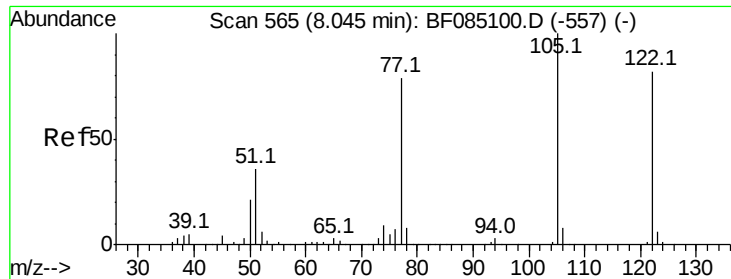
5000

0

8.35 8.40

Time-->

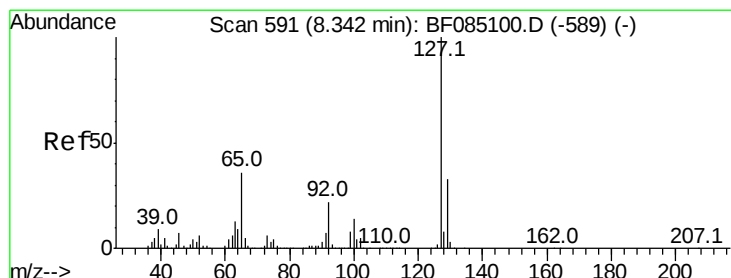
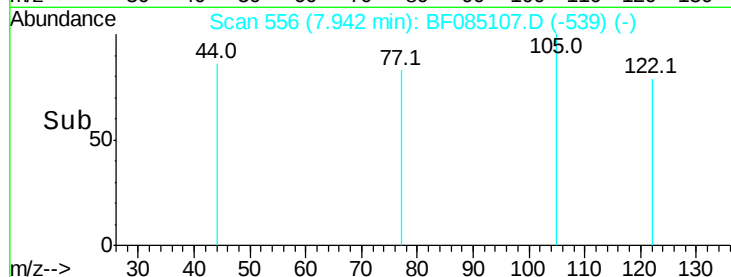
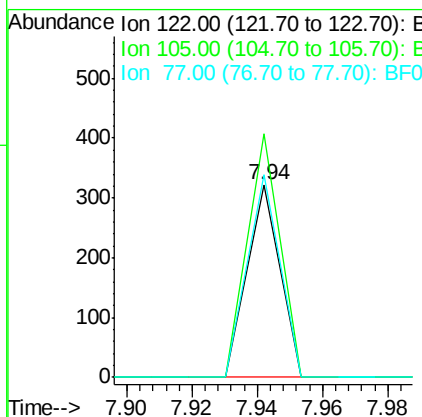
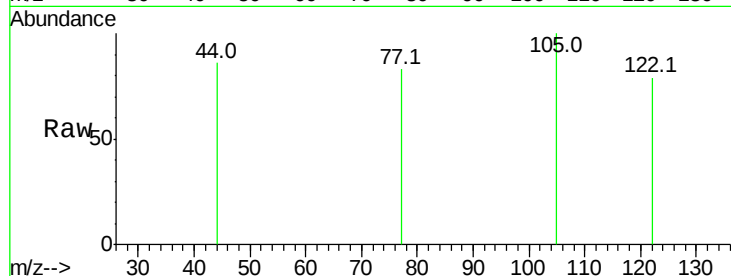




#32
Benzoic acid
Concen: 12.42 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.10 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

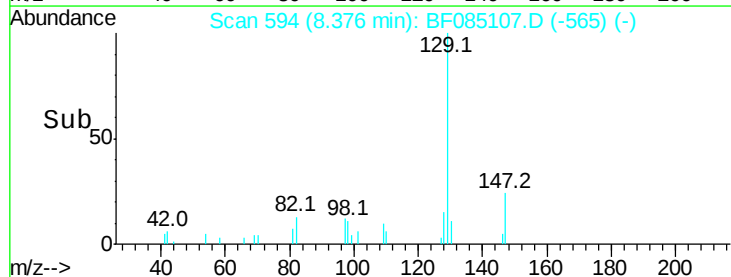
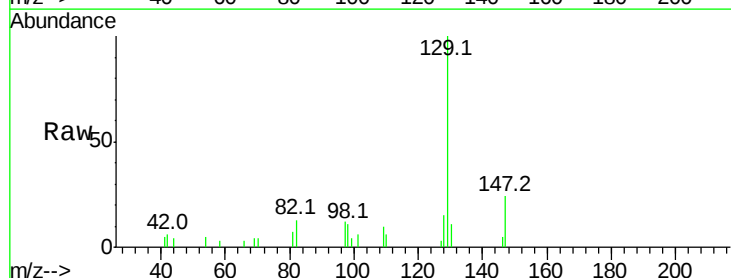
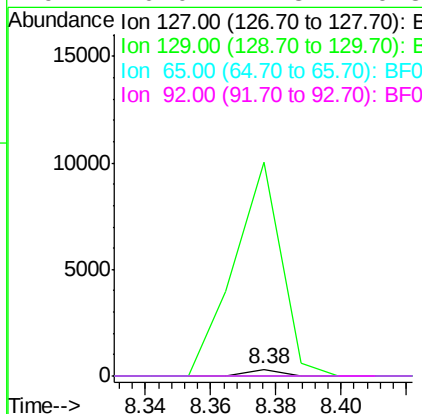
Instrument :
BNA_F
ClientSampled :

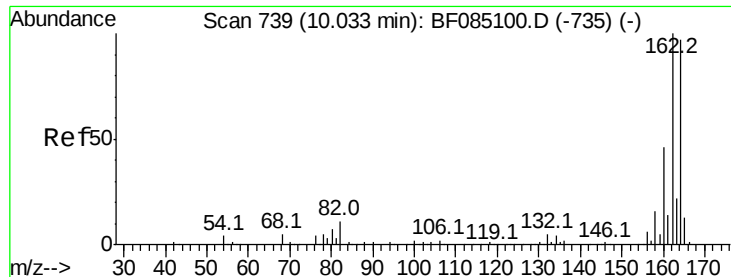
Tot Ion:122 Resp: 221
Ion Ratio Lower Upper
122 100
105 126.4 102.0 142.0
77 105.0 76.8 116.8



#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.03 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Tgt Ion:127 Resp: 216
Ion Ratio Lower Upper
127 100
129 3183.8 26.3 39.5#
65 0.0 28.6 43.0#
92 0.0 17.8 26.8#

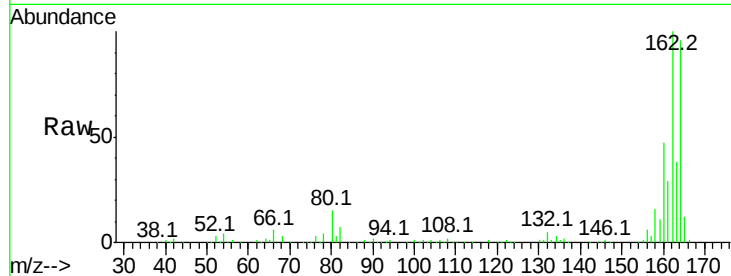




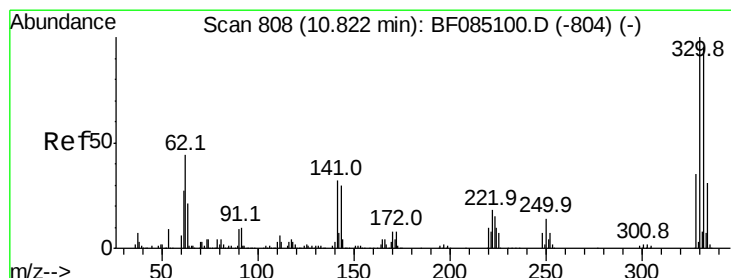
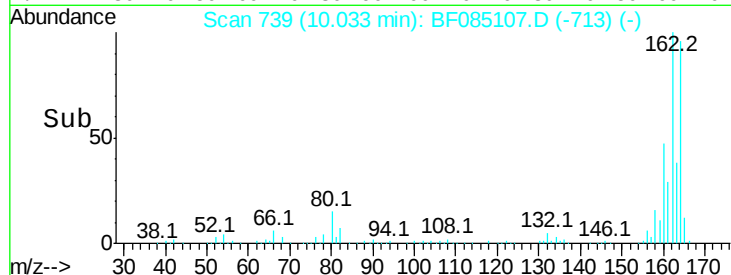
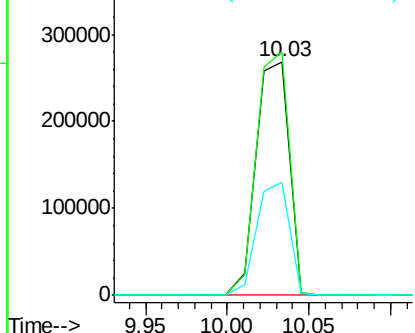
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 380082
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 48.5 38.2 57.2

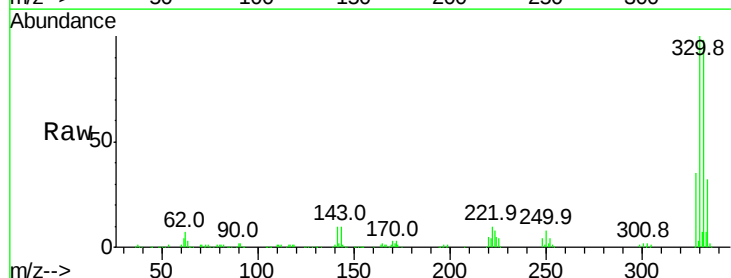


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

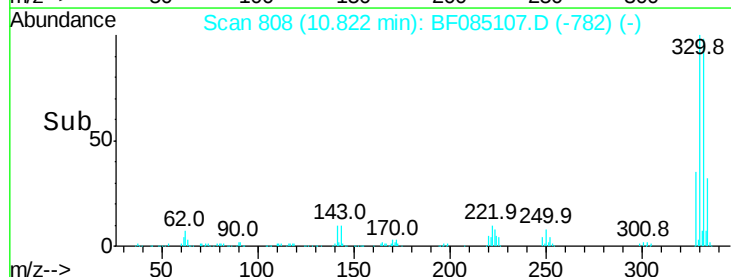
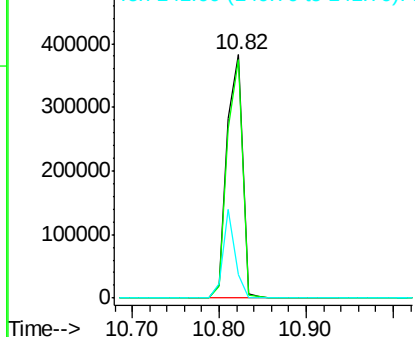


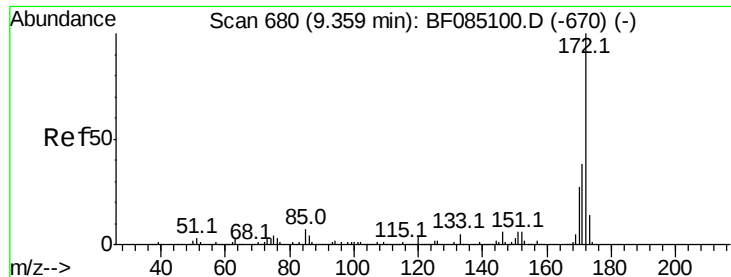
#41
2,4,6-Tribromophenol
Concen: 125.49 ng
RT: 10.82 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Tgt Ion:330 Resp: 479313
Ion Ratio Lower Upper
330 100
332 96.2 75.9 113.9
141 29.2 28.9 43.3



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





#44

2-Fluorobiphenyl

Concen: 69.62 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

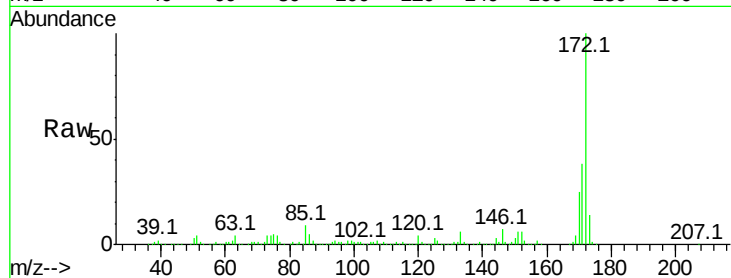
Tot Ion:172 Resp: 1796649

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

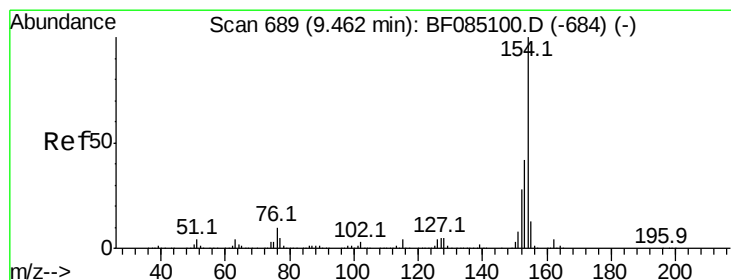
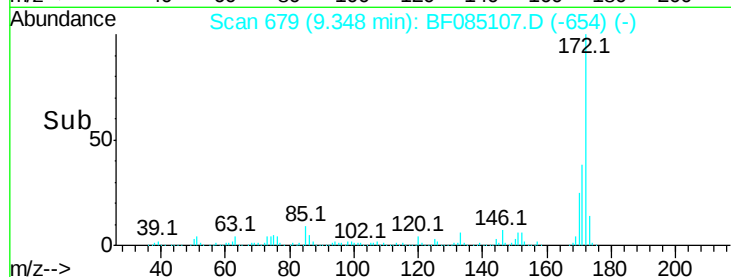
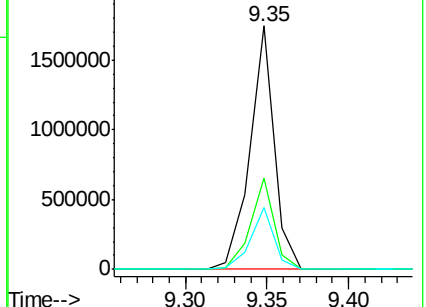
170 25.3 21.2 31.8



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: 0.11 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.11 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

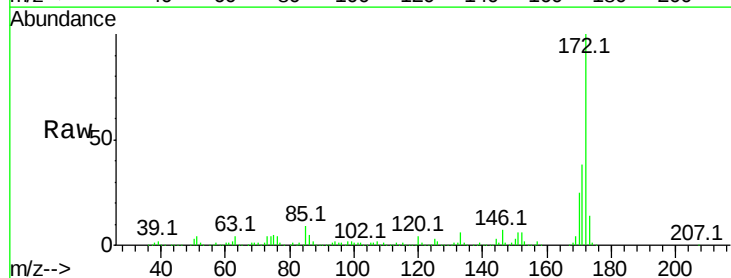
Tgt Ion:154 Resp: 3866

Ion Ratio Lower Upper

154 100

153 913.1 21.5 61.5#

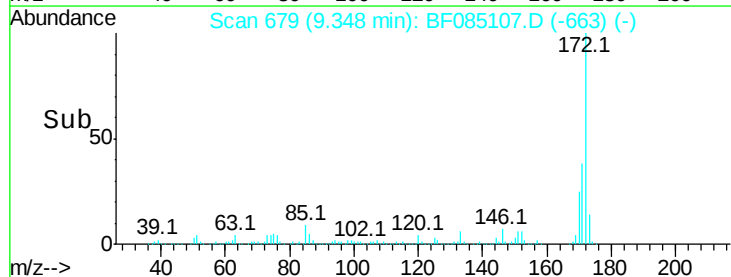
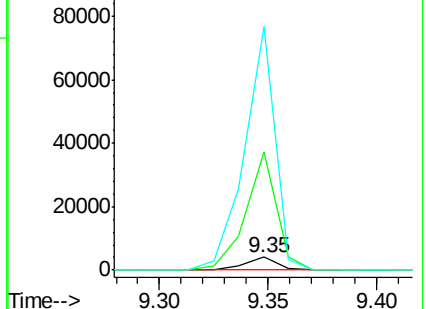
76 1879.8 0.0 29.7#

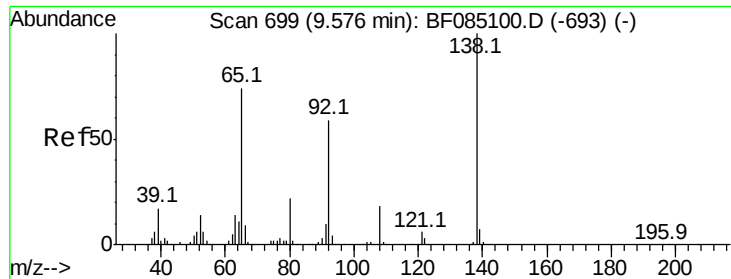


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 0.40 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.23 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

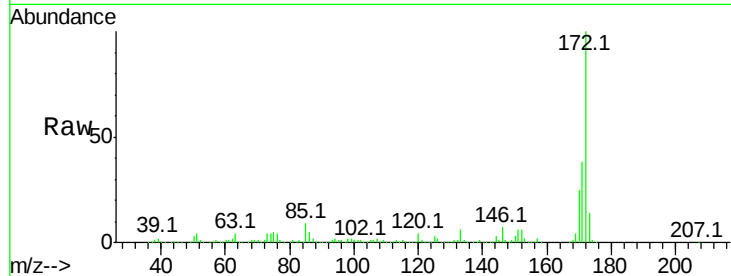
Tot Ion: 65 Resp: 3125

Ion Ratio Lower Upper

65 100

92 214.7 63.8 95.6#

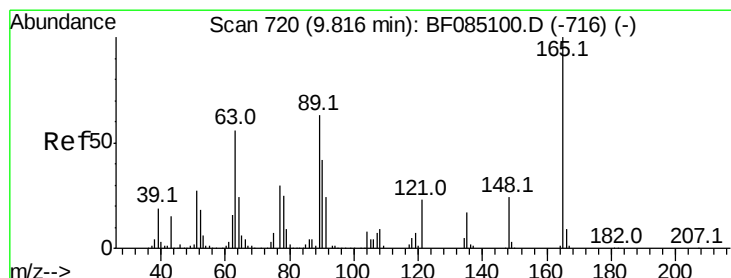
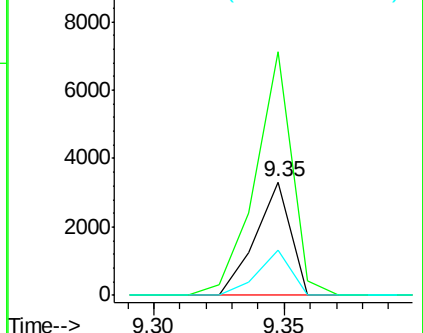
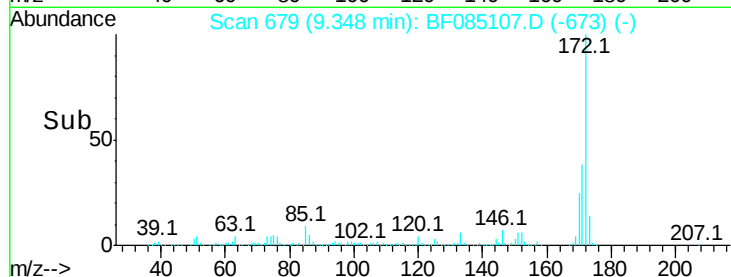
138 39.7 108.5 162.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#50

2,6-Dinitrotoluene

Concen: 8.09 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.21 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

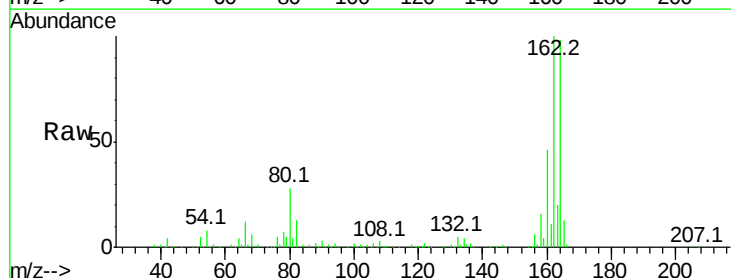
Tgt Ion:165 Resp: 47299

Ion Ratio Lower Upper

165 100

63 1.6 47.4 71.2#

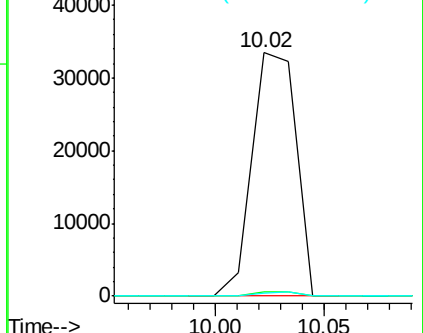
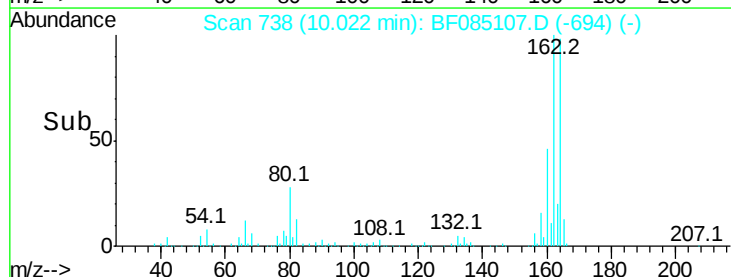
89 1.4 50.2 75.2#

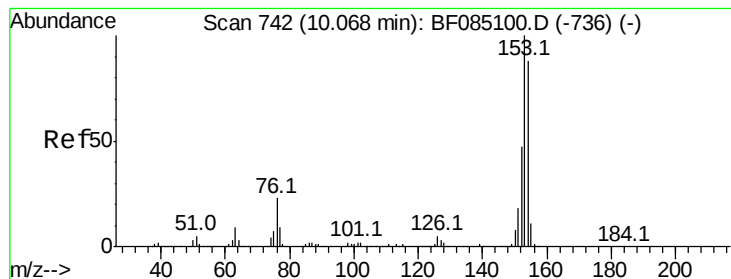


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.07 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

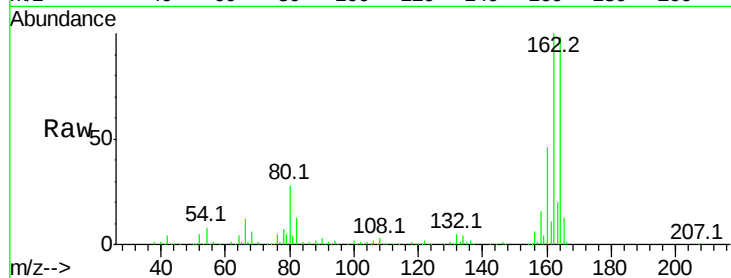
Tot Ion:154 Resp: 1540

Ion Ratio Lower Upper

154 100

153 0.0 91.0 136.6#

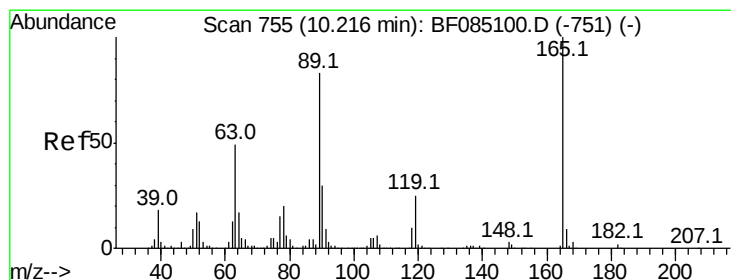
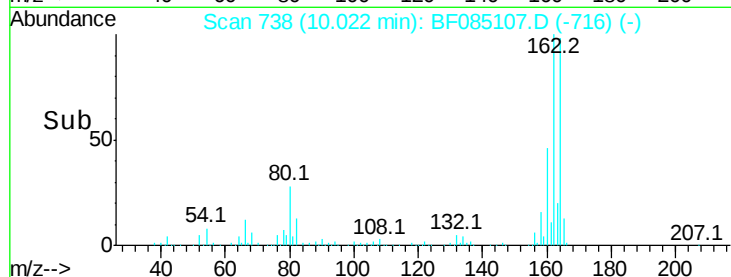
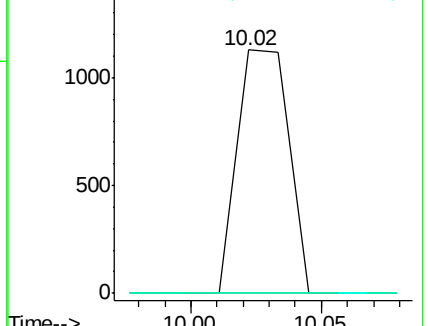
152 0.0 43.0 64.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.19 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Tgt Ion:165 Resp: 47299

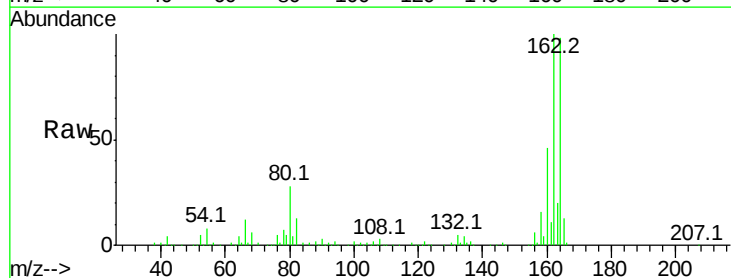
Ion Ratio Lower Upper

165 100

63 1.6 39.2 58.8#

89 1.4 66.2 99.4#

182 0.0 1.8 2.8#

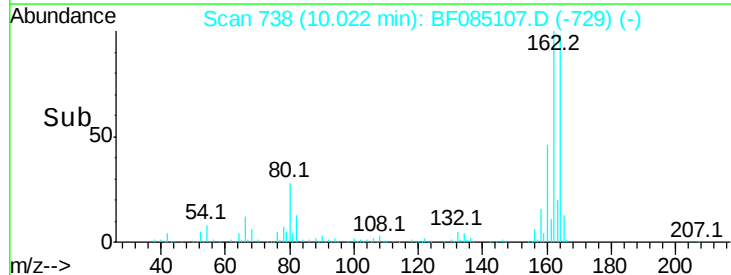
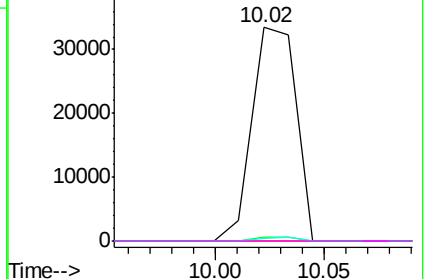


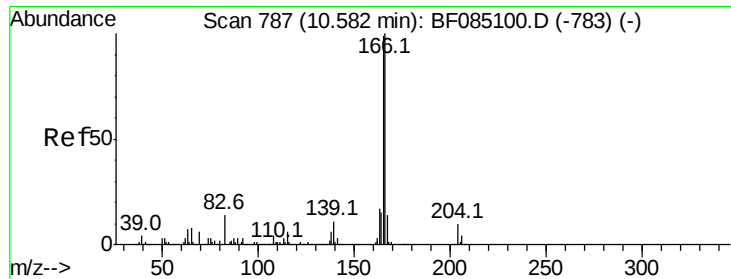
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.75 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.23 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampled :

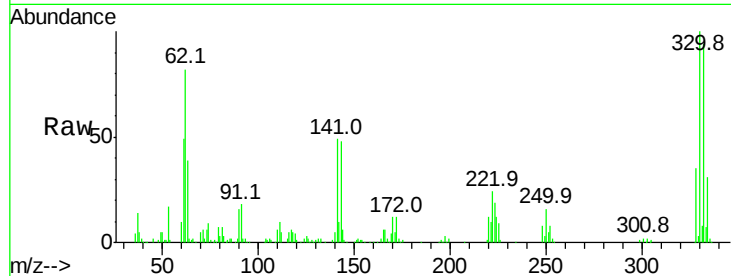
Tot Ion:166 Resp: 17613

Ion Ratio Lower Upper

166 100

165 102.8 79.4 119.2

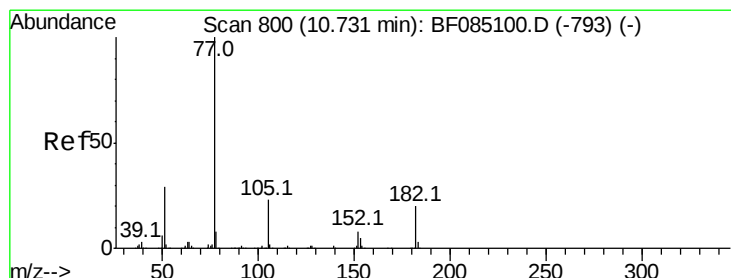
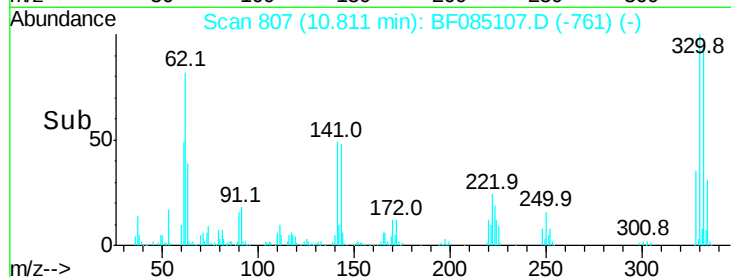
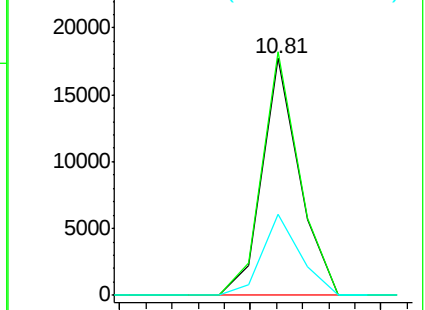
167 34.4 11.2 16.8#



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



#62

Azobenzene

Concen: 0.08 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.08 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Tgt Ion: 77 Resp: 2294

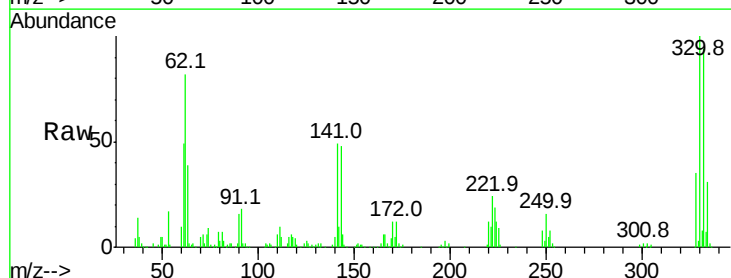
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.8

105 86.1 2.7 42.7#

51 89.4 9.4 49.4#

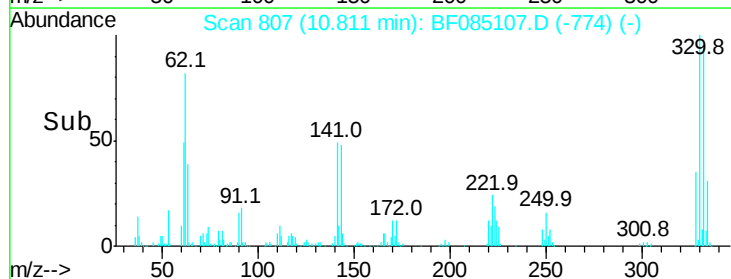
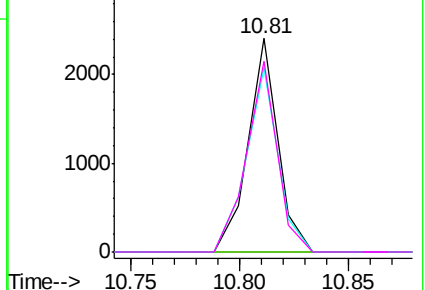


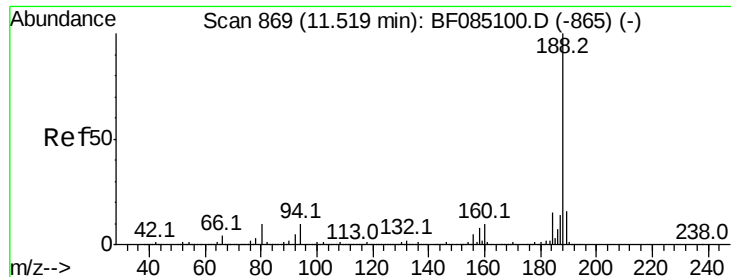
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

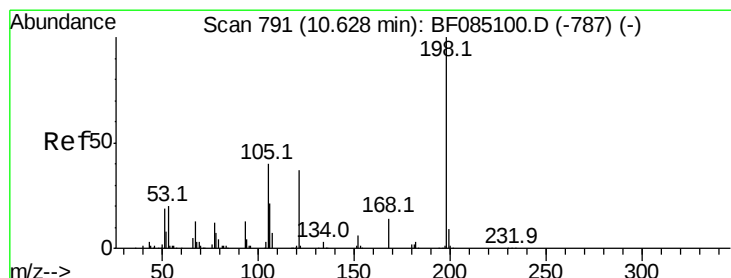
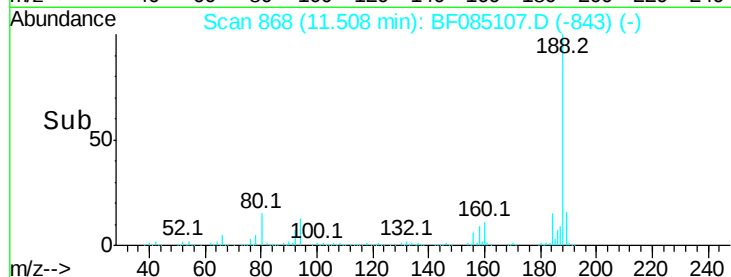
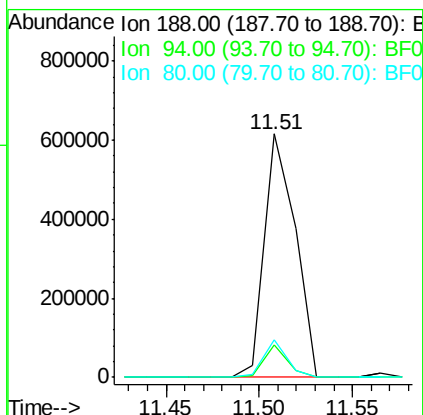
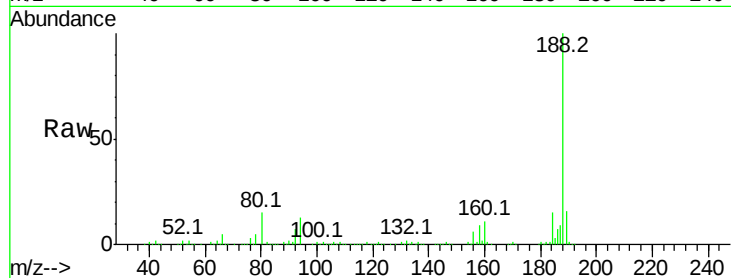




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF085107.D
 Acq: 2 Mar 2016 9:29

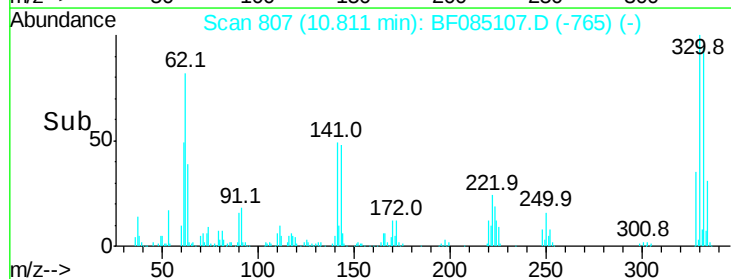
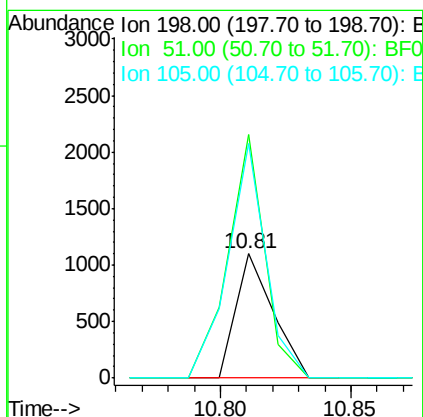
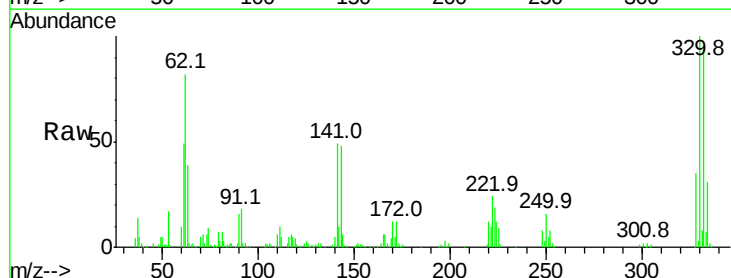
Instrument :
 BNA_F
 ClientSampleId :

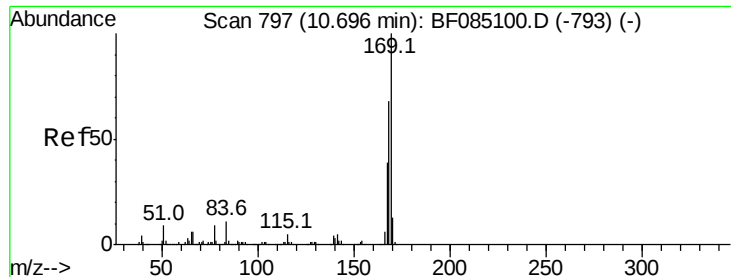
Tot Ion:188 Resp: 704119
 Ion Ratio Lower Upper
 188 100
 94 13.3 7.8 11.6#
 80 15.3 8.2 12.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.42 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.18 min
 Lab File: BF085107.D
 Acq: 2 Mar 2016 9:29

Tgt Ion:198 Resp: 1092
 Ion Ratio Lower Upper
 198 100
 51 196.2 12.5 52.5#
 105 188.9 20.2 60.2#





#65

n-Nitrosodiphenylamine

Concen: 0.56 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.11 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

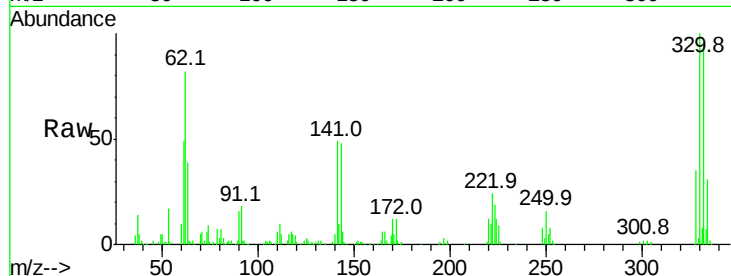
Tot Ion:169 Resp: 12483

Ion Ratio Lower Upper

169 100

168 7.3 54.6 81.8#

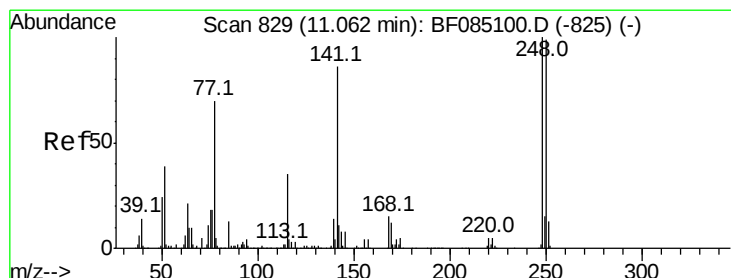
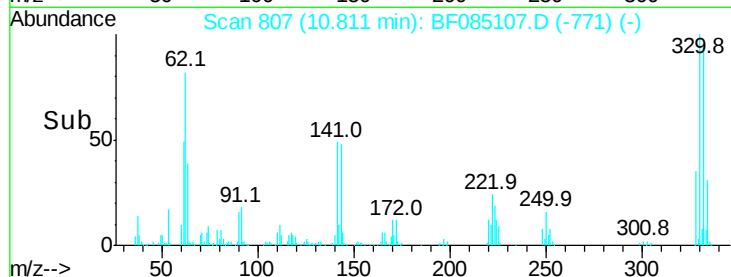
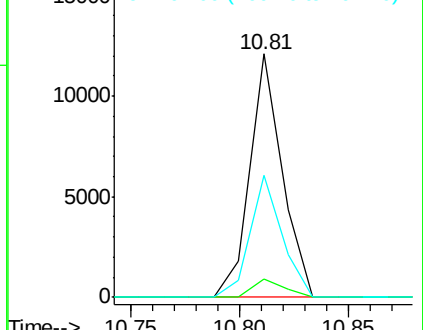
167 50.3 30.8 46.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.76 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.25 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

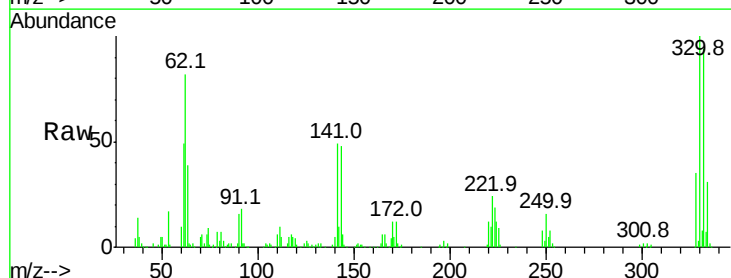
Tgt Ion:248 Resp: 27770

Ion Ratio Lower Upper

248 100

250 207.4 79.0 118.4#

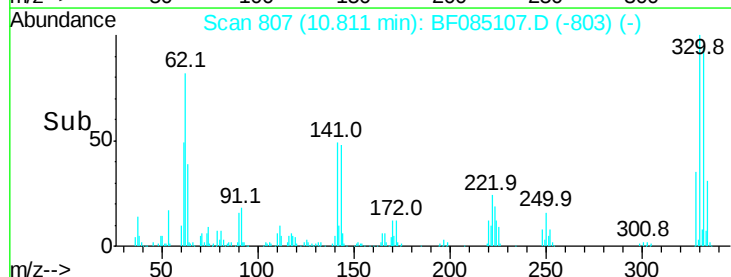
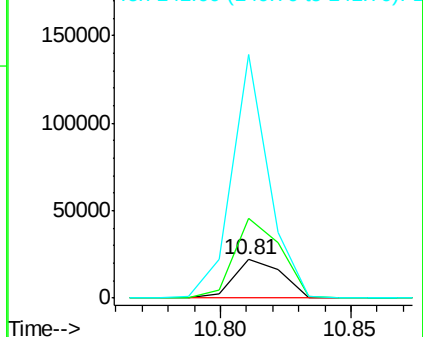
141 628.4 68.6 103.0#

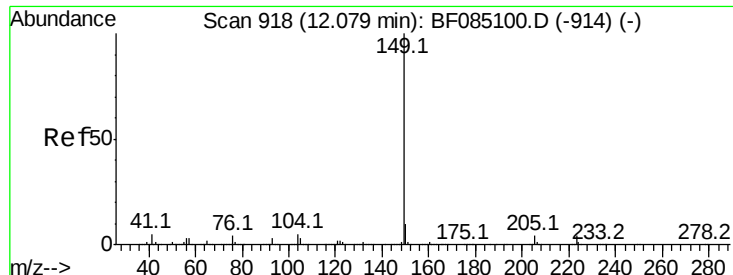


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.01 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

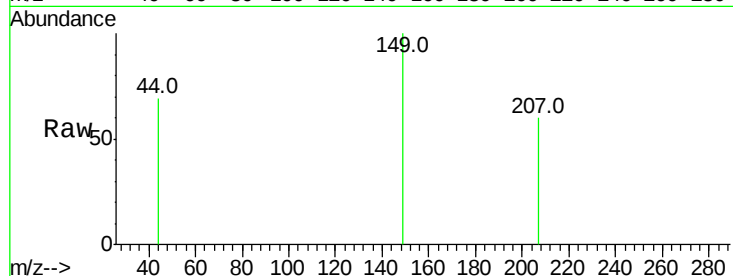
Tot Ion:149 Resp: 363

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

600

400

200

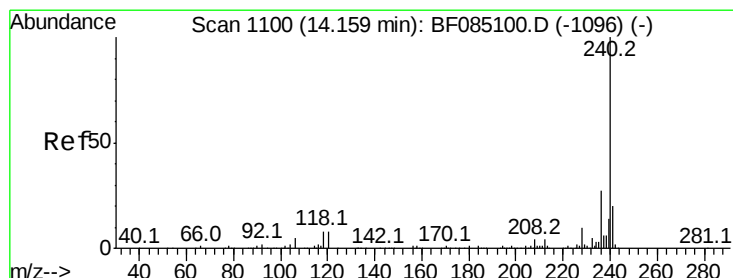
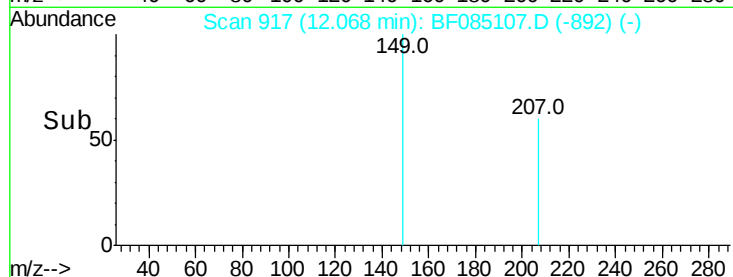
0

12.07

12.05

12.10

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

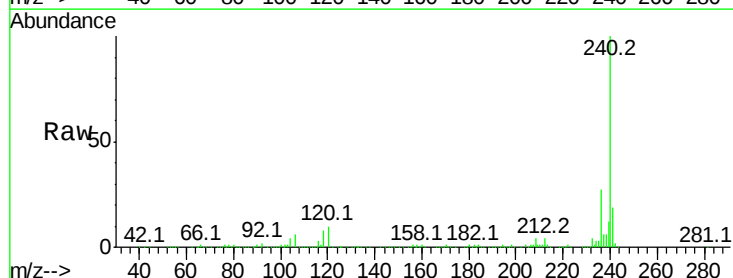
Tgt Ion:240 Resp: 644893

Ion Ratio Lower Upper

240 100

120 9.7 6.7 10.1

236 26.9 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

1000000

800000

600000

400000

200000

0

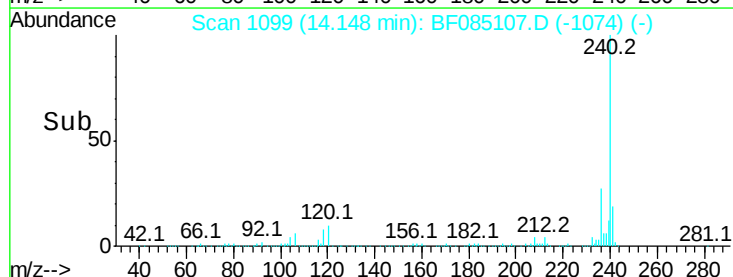
14.15

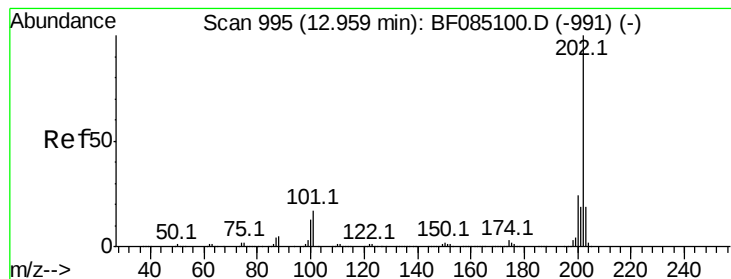
14.00

14.20

14.40

Time-->





#77

Pvrene

Concen: 0.15 ng

RT: 13.10 min Scan# 1007

Delta R.T. 0.14 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampleId :

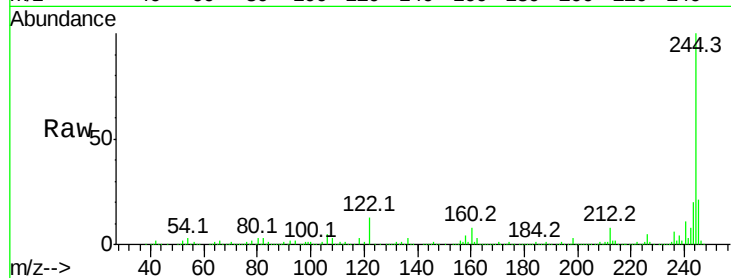
Tot Ion:202 Resp: 6558

Ion Ratio Lower Upper

202 100

200 46.0 19.0 28.6#

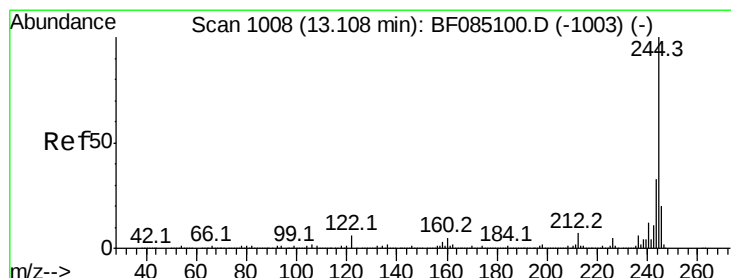
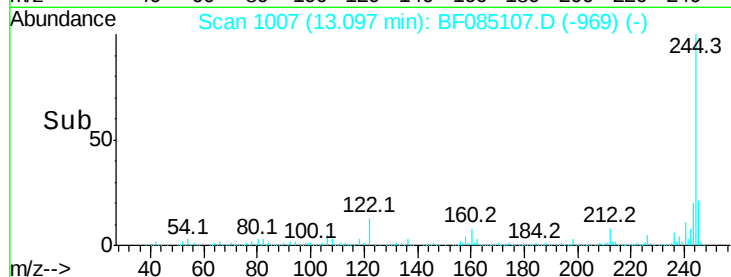
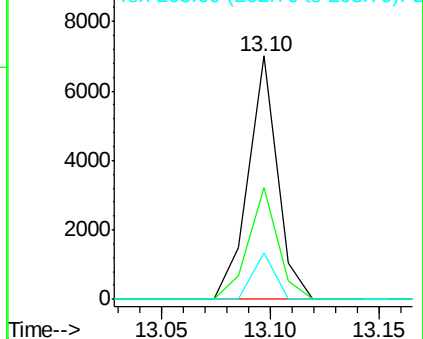
203 19.0 15.0 22.6



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: 66.04 ng

RT: 13.10 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

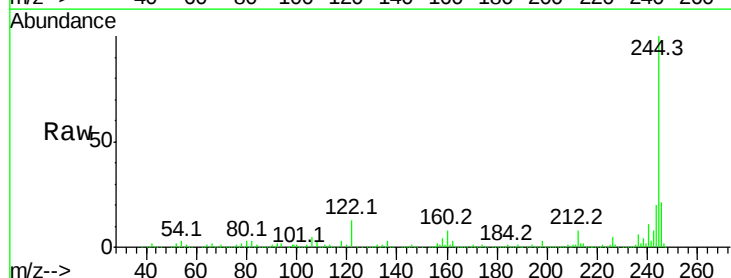
Tgt Ion:244 Resp: 1815531

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

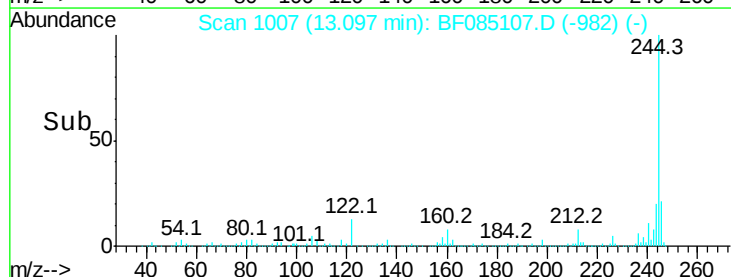
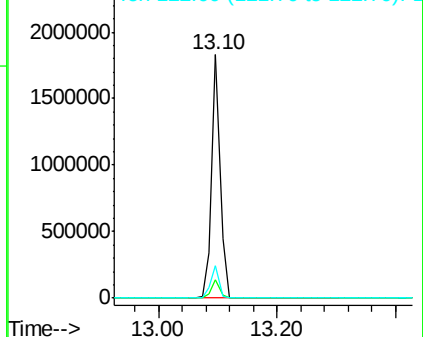
122 13.4 5.1 7.7#

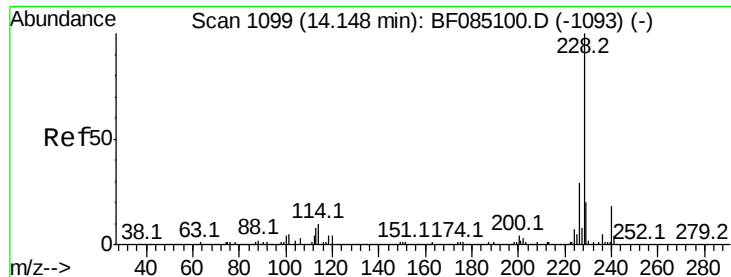


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.15 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

Instrument :

BNA_F

ClientSampled :

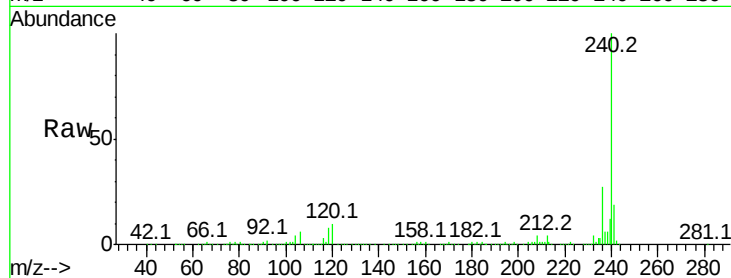
Tot Ion:228 Resp: 1597

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

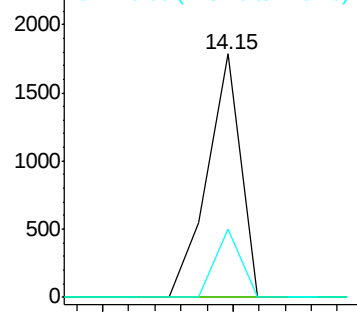
229 27.9 16.1 24.1#



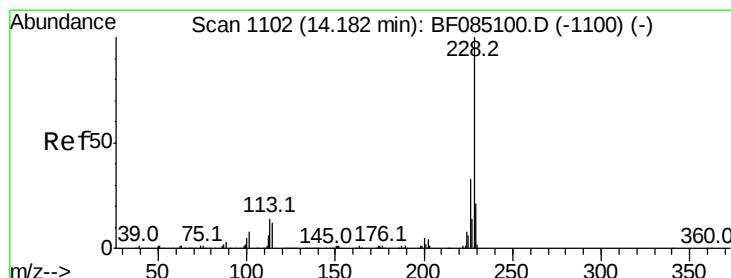
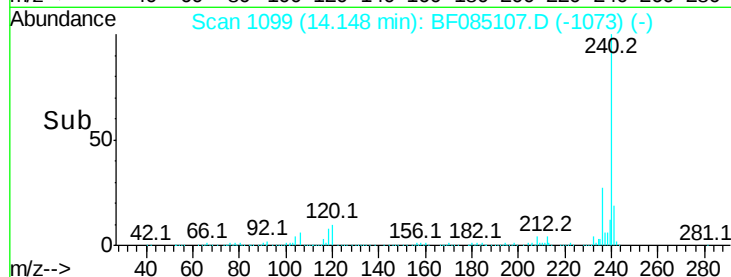
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.05 ng

RT: 14.15 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF085107.D

Acq: 2 Mar 2016 9:29

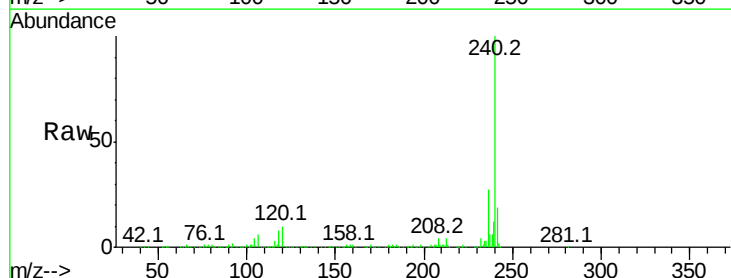
Tgt Ion:228 Resp: 1597

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.4#

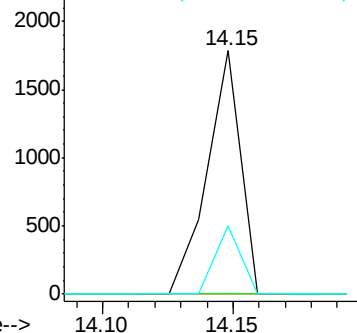
229 27.9 16.5 24.7#



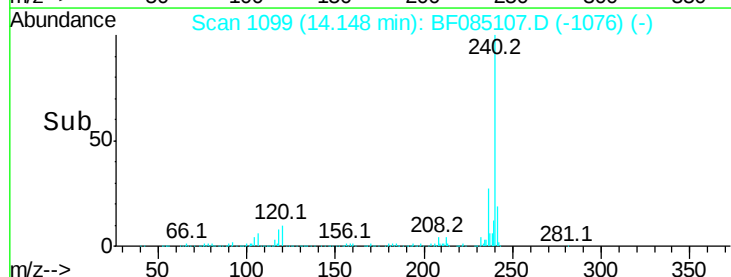
Abundance Ion 228.00 (227.70 to 228.70): E

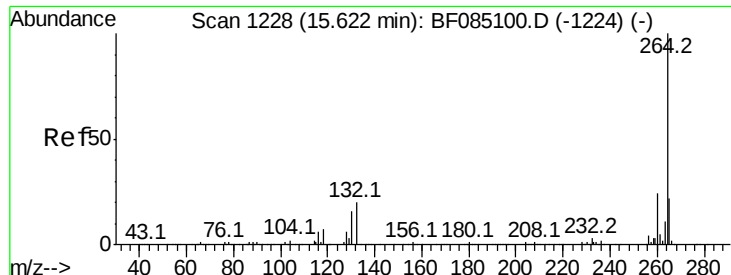
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

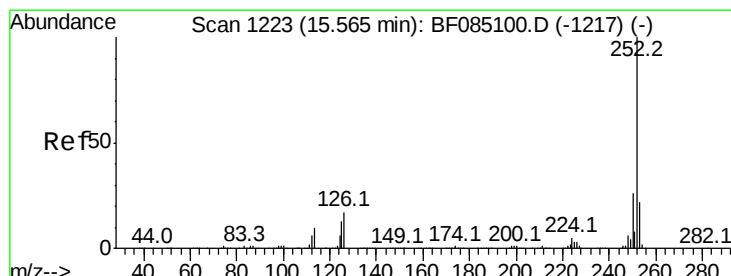
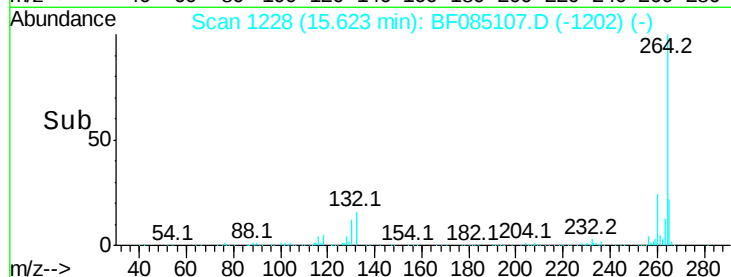
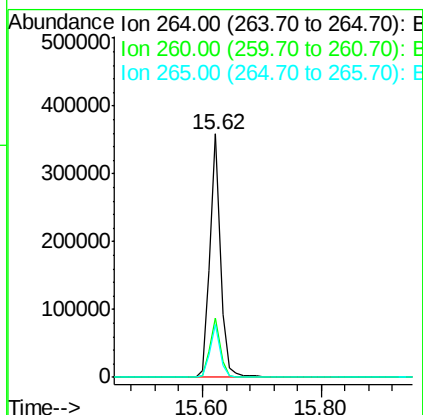
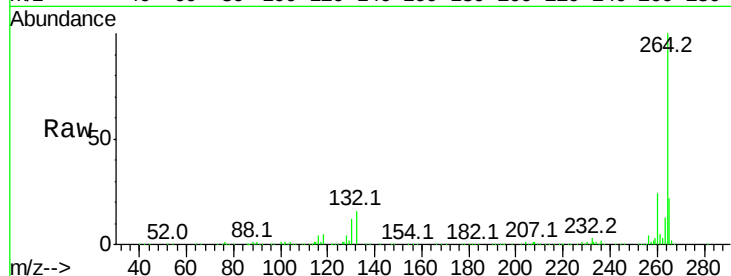




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 447172
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.7 17.4 26.2



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.62 min Scan# 1228
Delta R.T. 0.06 min
Lab File: BF085107.D
Acq: 2 Mar 2016 9:29

Tgt Ion:252 Resp: 1422
Ion Ratio Lower Upper
252 100
253 34.7 18.0 27.0#
125 0.0 10.2 15.2#

