

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085780.D
 Acq On : 26 Mar 2016 00:07
 Operator : UM/SJ
 Sample : H1834-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Quant Time: Mar 25 23:50:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

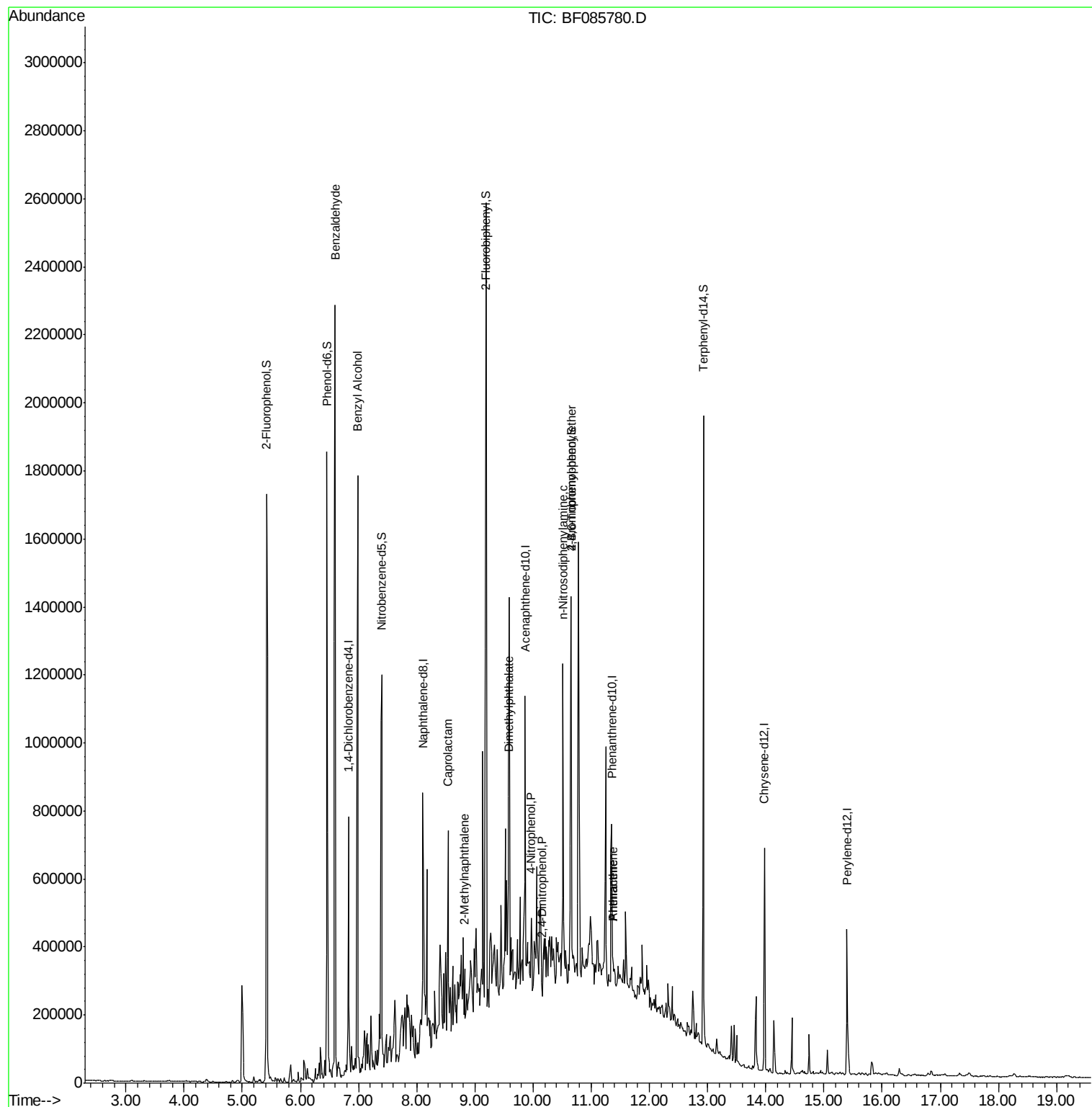
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109446	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	378011	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	156509	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	228039	20.00	ng	0.00
75) Chrysene-d12	13.98	240	221817	20.00	ng	0.00
86) Perylene-d12	15.40	264	181811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	712938	108.49	ng	0.01
7) Phenol-d6	6.46	99	813915	97.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	550688	82.04	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	154160	103.67	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	838971	89.56	ng	0.00
78) Terphenyl-d14	12.93	244	539793	50.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	17824	3.54	ng	Qvalue 83
15) Benzyl Alcohol	6.98	79	11495	2.06	ng	# 40
35) Caprolactam	8.54	113	19534	10.84	ng	# 71
37) 2-Methylnaphthalene	8.82	142	42374	2.10	ng	98
49) Dimethylphthalate	9.58	163	72280	6.09	ng	# 98
53) 2,4-Dinitrophenol	10.15	184	839	6.64	ng	# 48
55) 4-Nitrophenol	9.97	139	5188	2.72	ng	# 28
65) n-Nitrosodiphenylamine	10.52	169	29817	4.13	ng	# 51
66) 4-Bromophenyl-phenylether	10.65	248	10316	4.42	ng	# 1
70) Phenanthrene	11.37	178	27769	2.37	ng	# 92
71) Anthracene	11.37	178	27769	2.26	ng	# 92

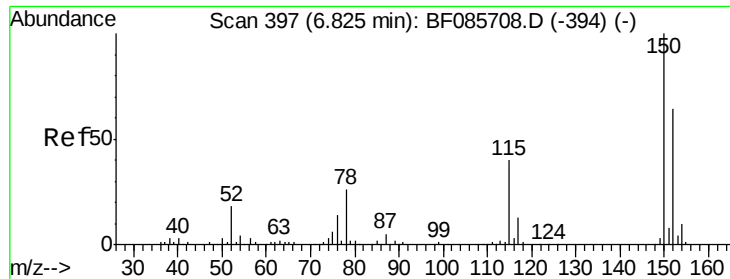
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampleId :

1

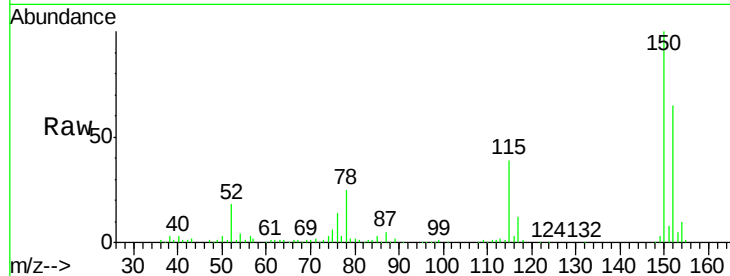
Tgt Ion:152 Resp: 109446

Ion Ratio Lower Upper

152 100

150 154.0 124.2 186.2

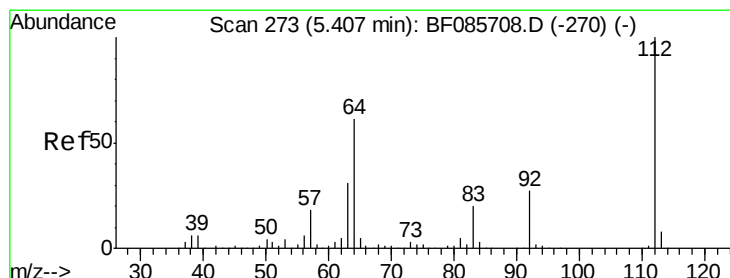
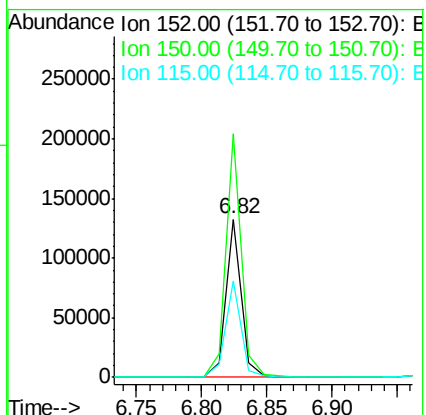
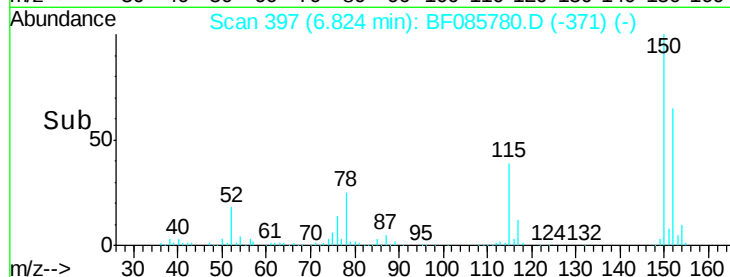
115 60.8 47.0 70.6



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



#5

2-Fluorophenol

Concen: 108.49 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

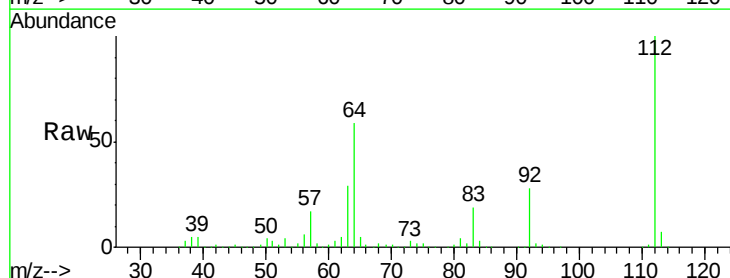
Tgt Ion:112 Resp: 712938

Ion Ratio Lower Upper

112 100

64 59.1 39.9 59.9

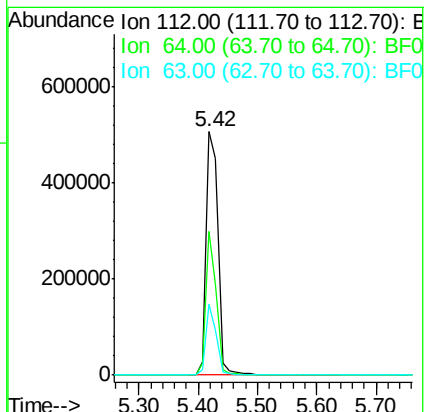
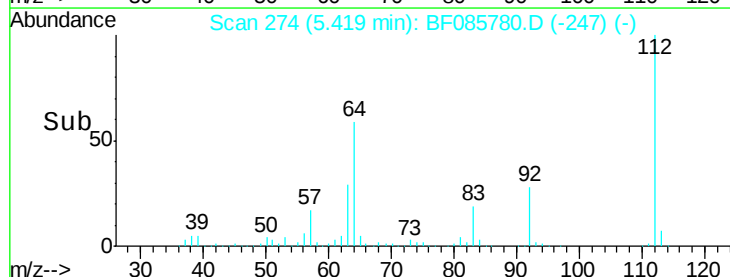
63 29.3 20.2 30.2



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: 97.41 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampleId :

1

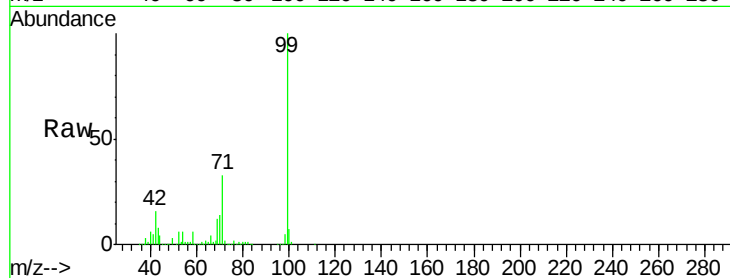
Tgt Ion: 99 Resp: 813915

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

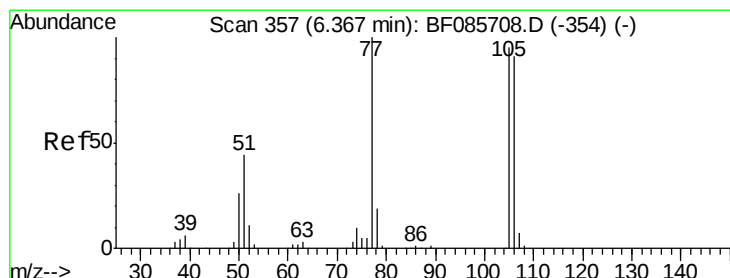
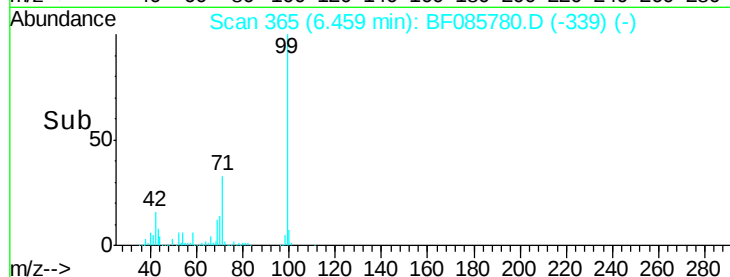
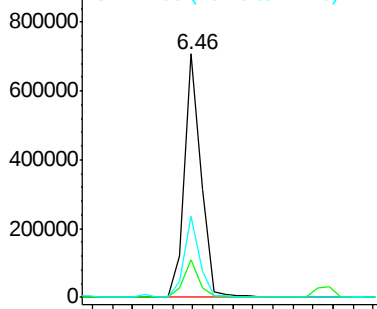
71 33.4 24.9 37.3



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: 3.54 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

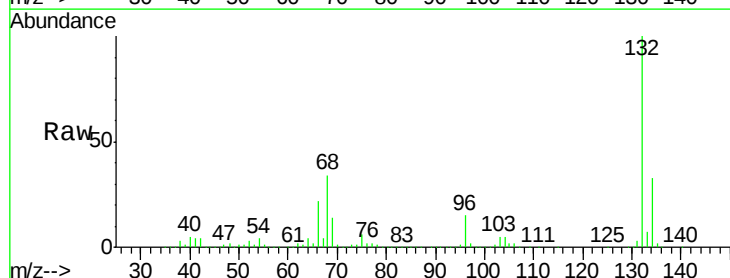
Tgt Ion: 77 Resp: 17824

Ion Ratio Lower Upper

77 100

105 84.8 80.1 120.1

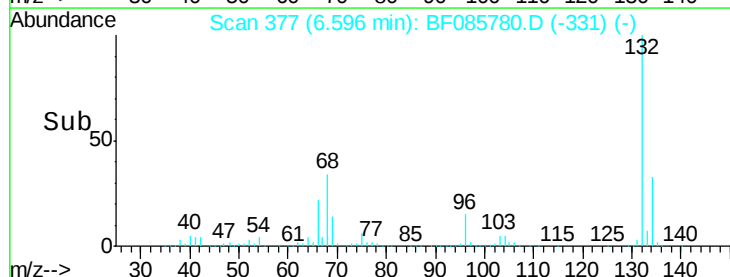
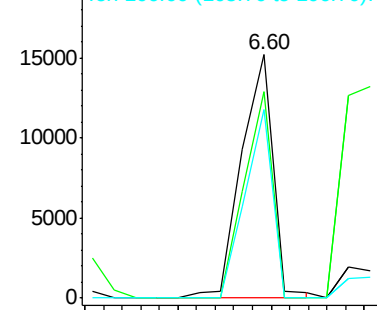
106 77.6 75.0 115.0

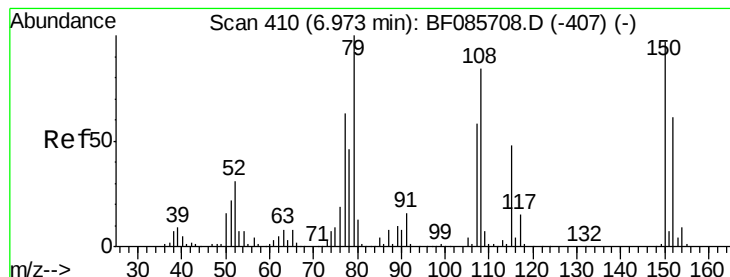


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampleId :

1

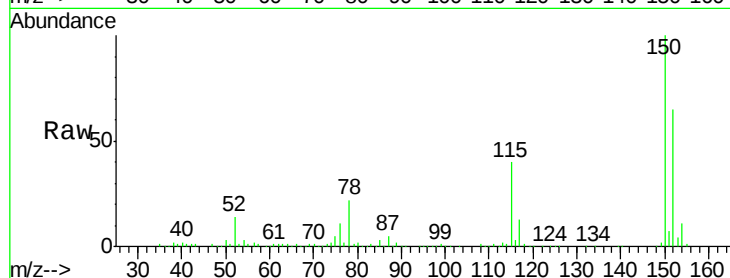
Tgt Ion: 79 Resp: 11495

Ion Ratio Lower Upper

79 100

108 36.0 61.8 92.6#

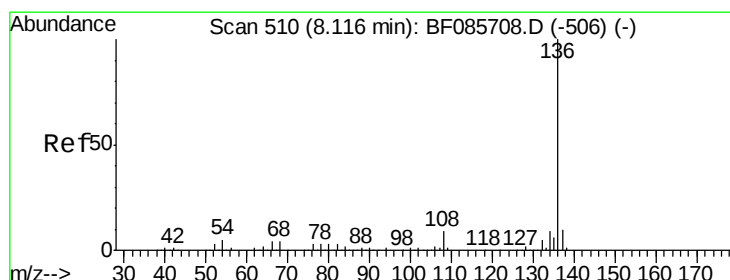
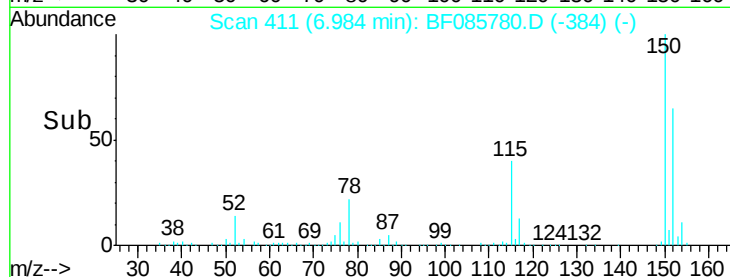
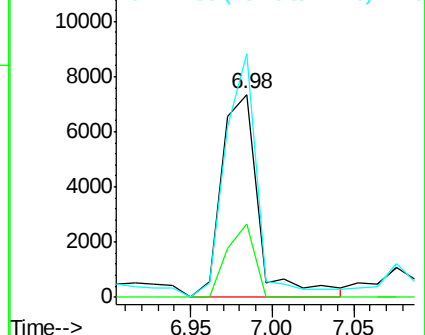
77 120.1 49.6 74.4#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Tgt Ion: 136 Resp: 378011

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.0 7.4 11.0

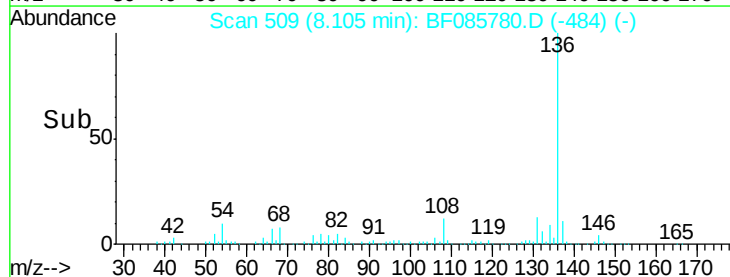
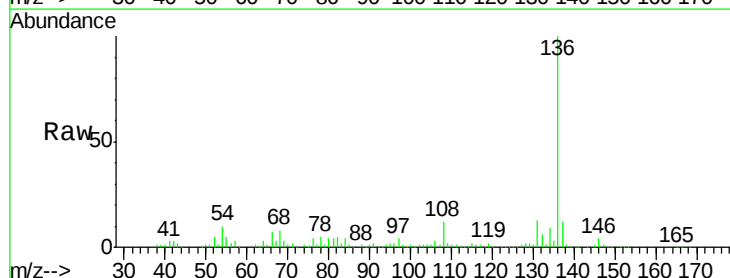
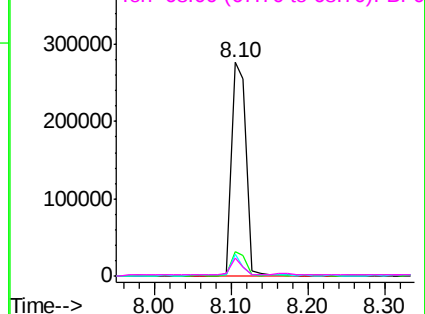
68 8.2 5.8 8.8

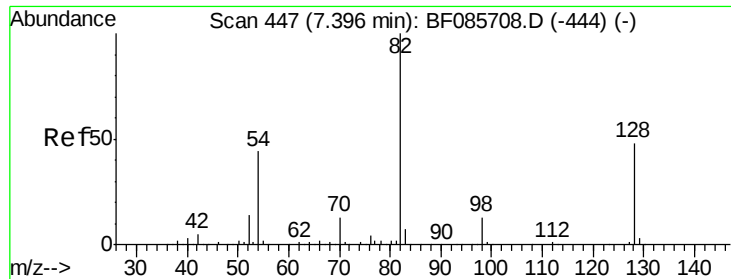
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

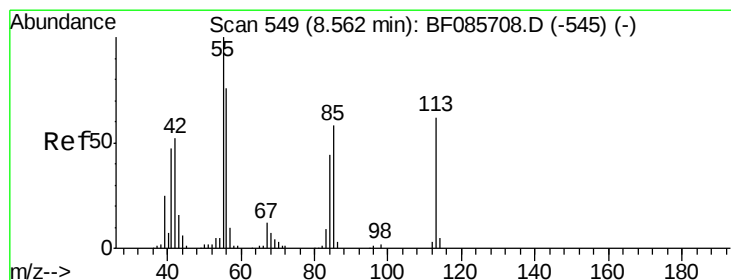
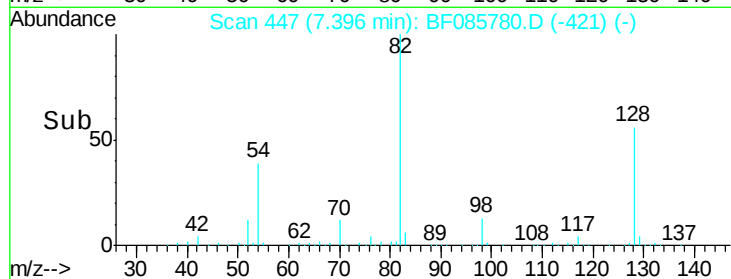
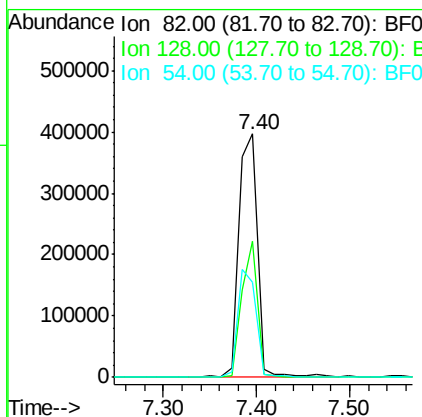
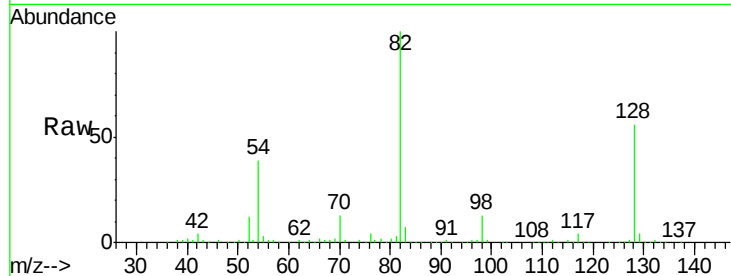




#23
 Nitrobenzene-d5
 Concen: 82.04 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085780.D
 Acq: 26 Mar 2016 00:07

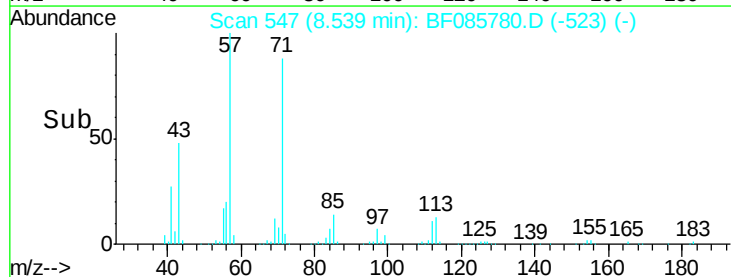
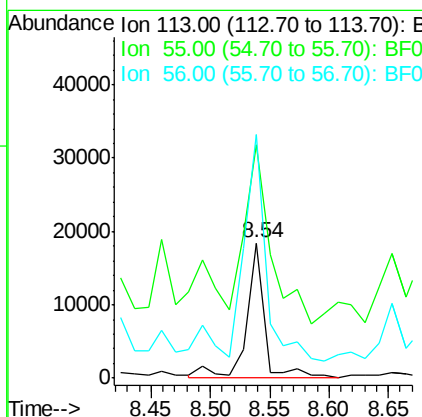
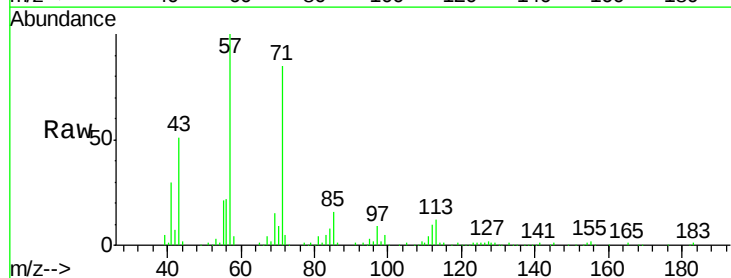
Instrument :
 BNA_F
 ClientSampleId :
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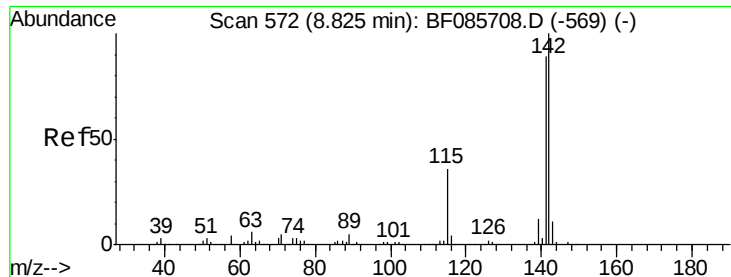
Tgt Ion: 82 Resp: 550688
 Ion Ratio Lower Upper
 82 100
 128 55.8 41.8 62.8
 54 38.9 33.4 50.0



#35
 Caprolactam
 Concen: 10.84 ng
 RT: 8.54 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF085780.D
 Acq: 26 Mar 2016 00:07

Tgt Ion: 113 Resp: 19534
 Ion Ratio Lower Upper
 113 100
 55 172.7 139.4 179.4
 56 180.5 100.4 140.4#

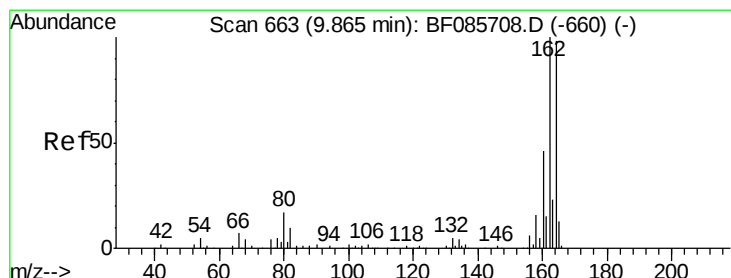
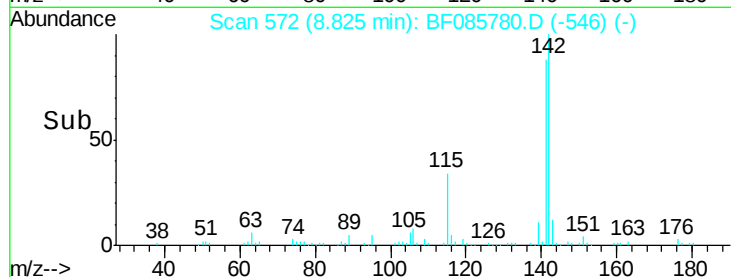
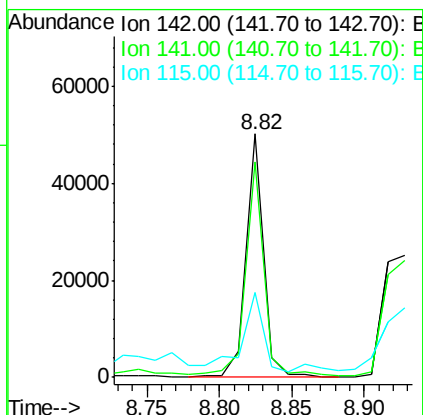
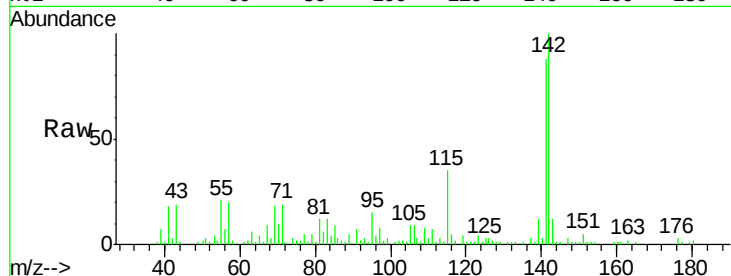




#37
2-Methylnaphthalene
Concen: 2.10 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

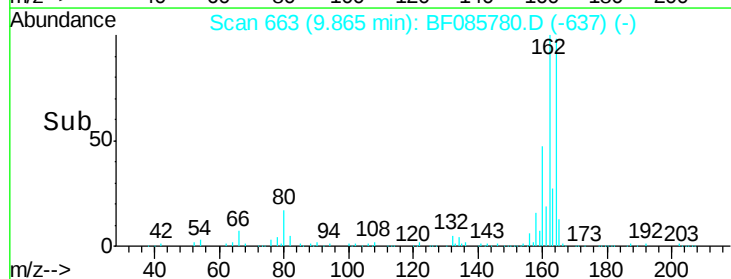
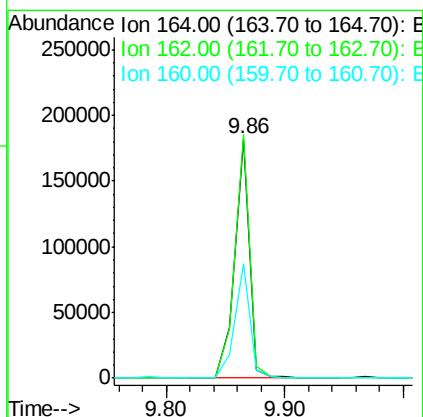
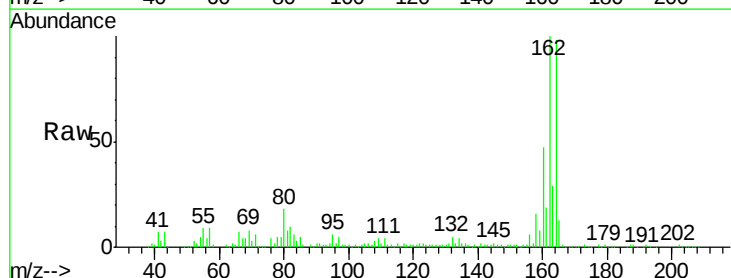
Instrument :
BNA_F
ClientSampleId :
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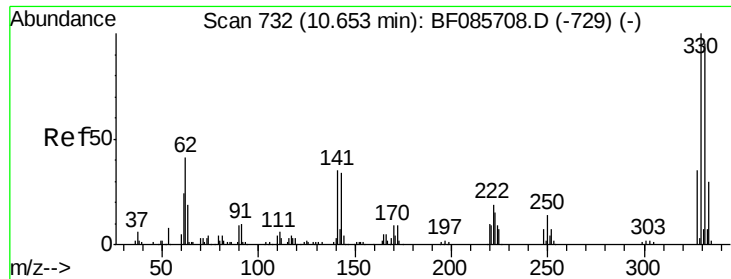
Tgt Ion:142 Resp: 42374
Ion Ratio Lower Upper
142 100
141 88.3 71.6 107.4
115 34.7 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Tgt Ion:164 Resp: 156509
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 47.8 37.4 56.2

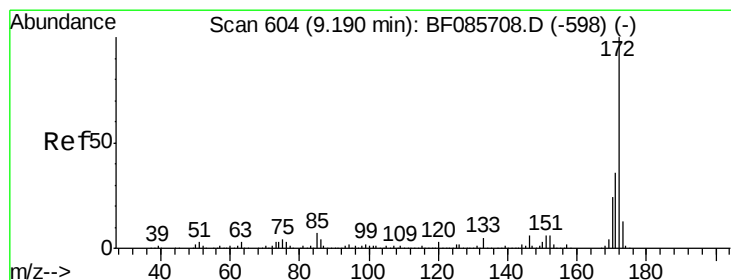
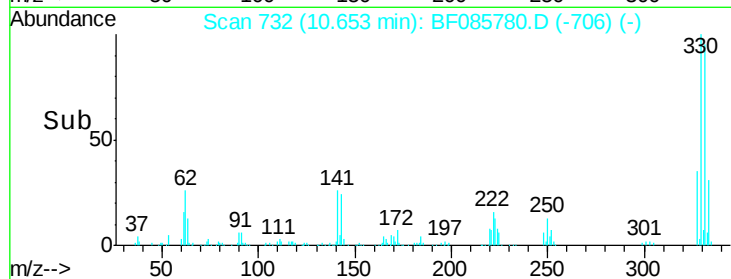
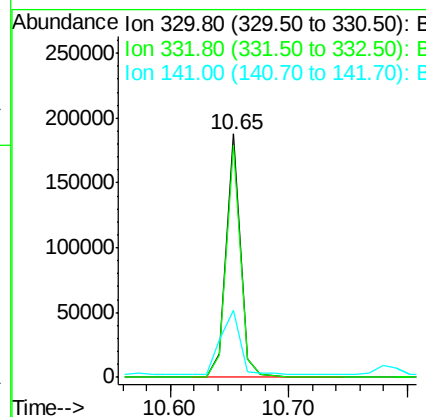
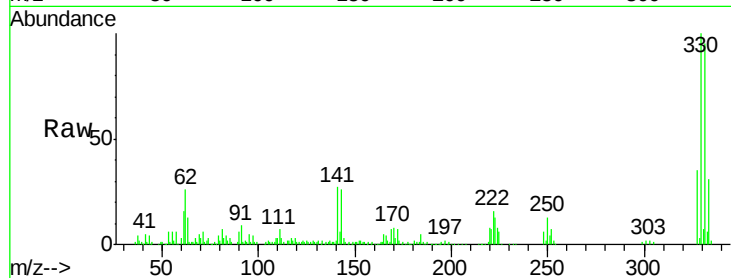




#41
 2,4,6-Tribromophenol
 Concen: 103.67 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085780.D
 Acq: 26 Mar 2016 00:07

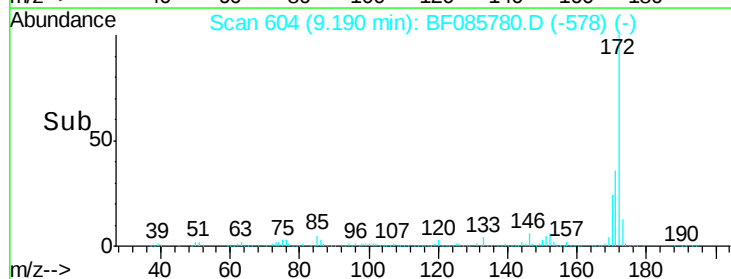
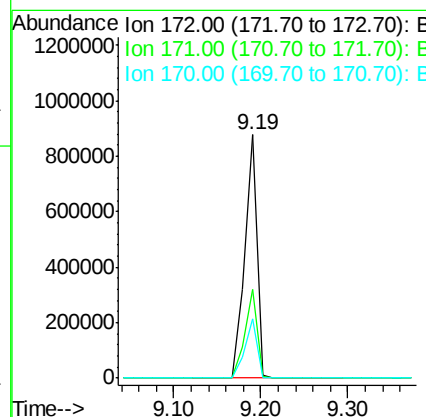
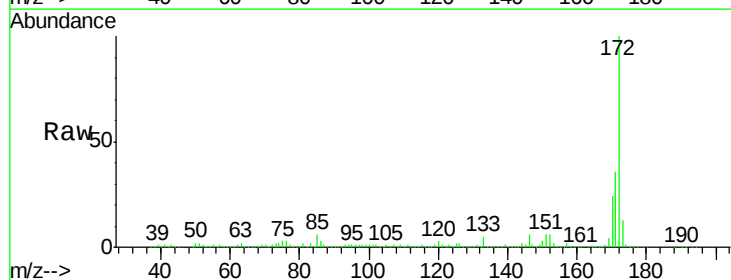
Instrument :
 BNA_F
 ClientSampled :
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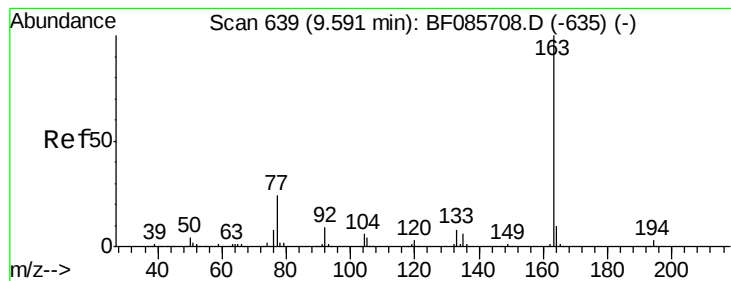
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.2
141	37.9	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 89.56 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085780.D
 Acq: 26 Mar 2016 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.3	19.8	29.6





#49

Dimethylphthalate

Concen: 6.09 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampled :

1

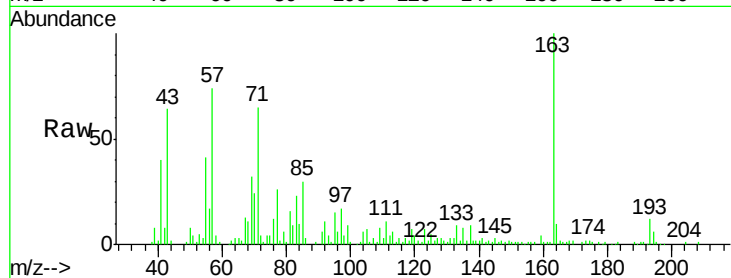
Tgt Ion:163 Resp: 72280

Ion Ratio Lower Upper

163 100

194 5.9 2.9 4.3#

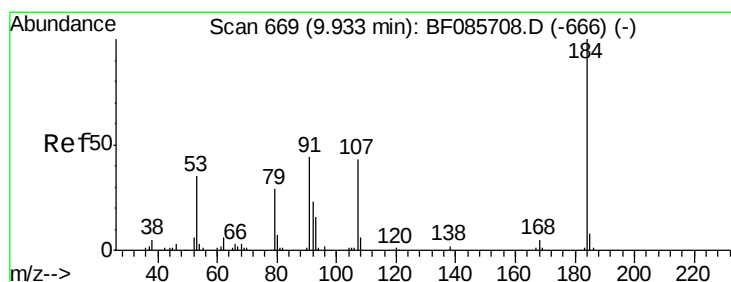
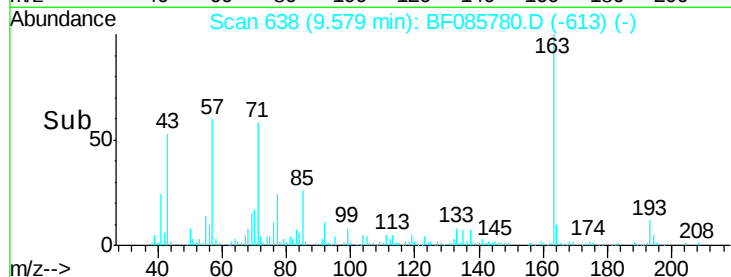
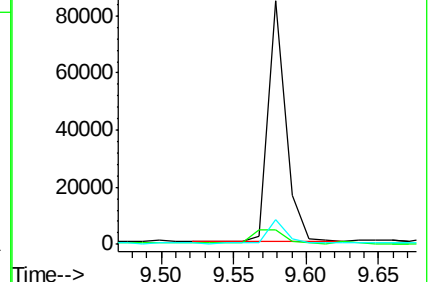
164 10.4 8.3 12.5



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



#53

2,4-Dinitrophenol

Concen: 6.64 ng

RT: 10.15 min Scan# 688

Delta R.T. 0.22 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

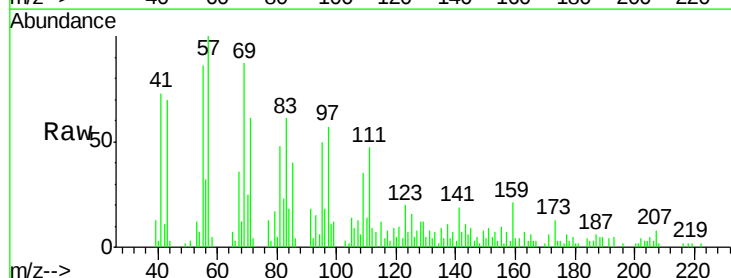
Tgt Ion:184 Resp: 839

Ion Ratio Lower Upper

184 100

63 0.0 69.5 104.3#

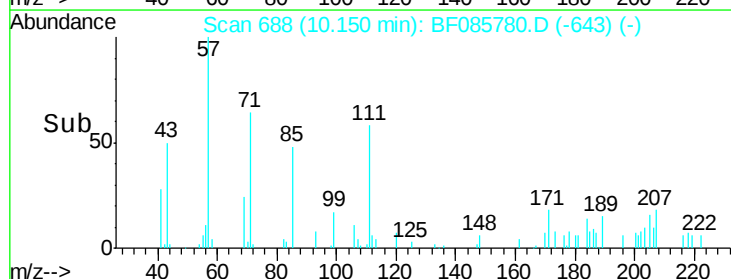
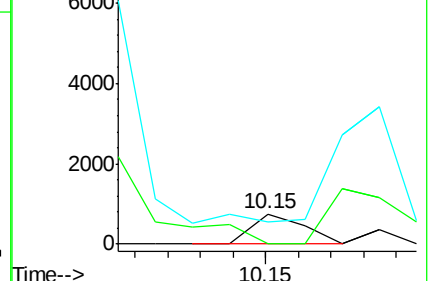
154 75.0 58.3 87.5

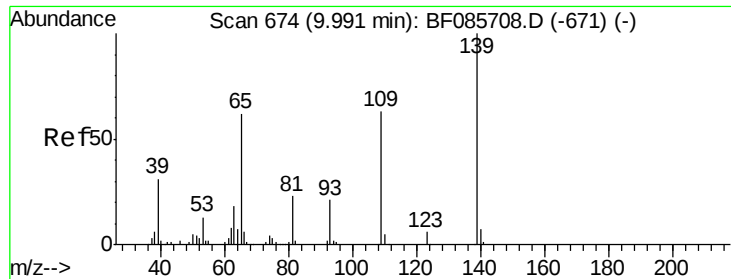


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.72 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampled :

1

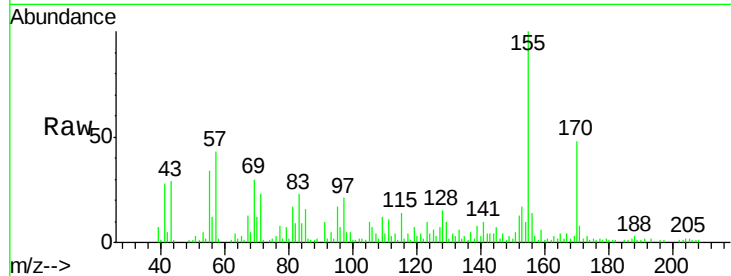
Tgt Ion:139 Resp: 5188

Ion Ratio Lower Upper

139 100

109 146.6 49.2 89.2#

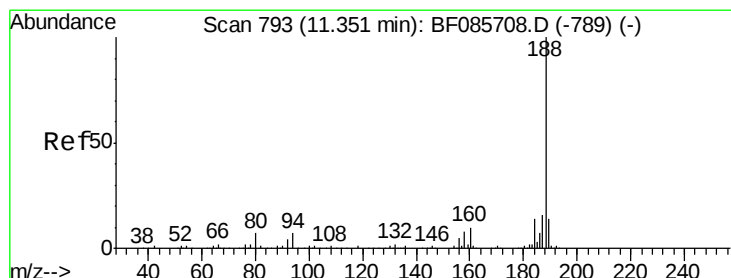
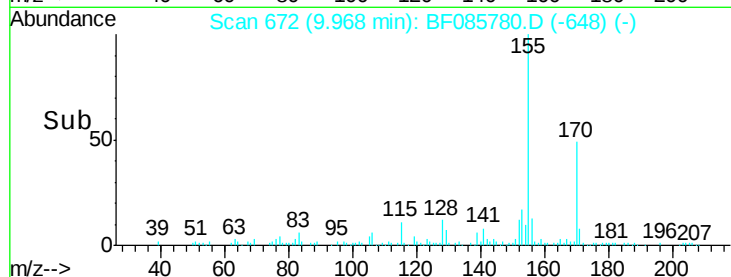
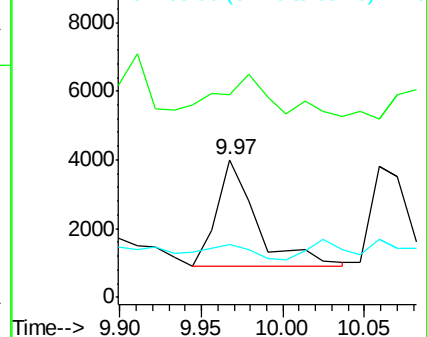
65 37.9 66.9 106.9#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

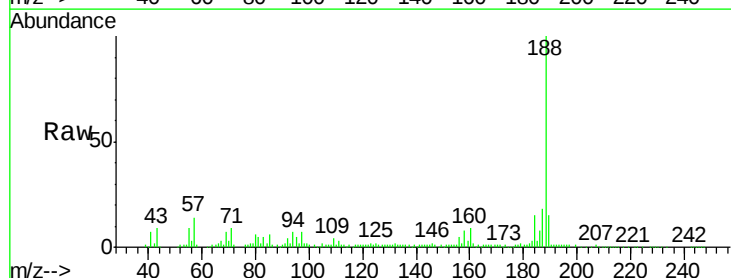
Tgt Ion:188 Resp: 228039

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

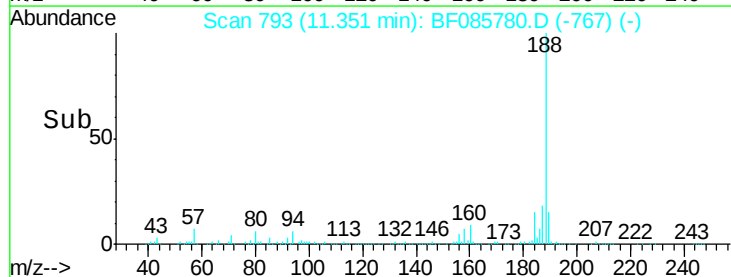
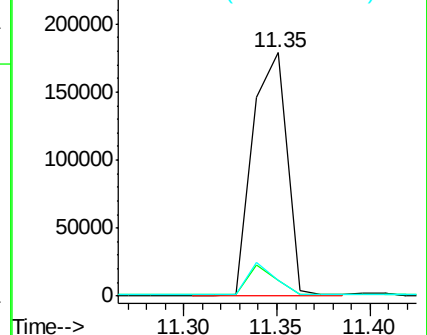
80 6.4 5.5 8.3

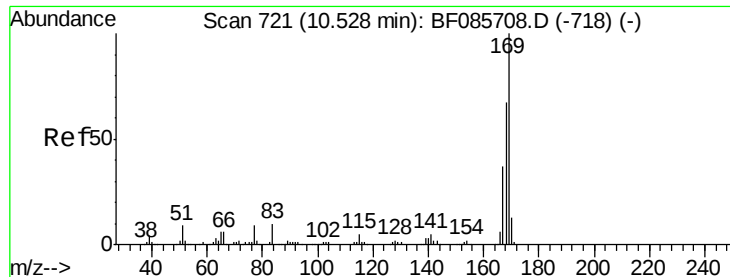


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 4.13 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampled :

1

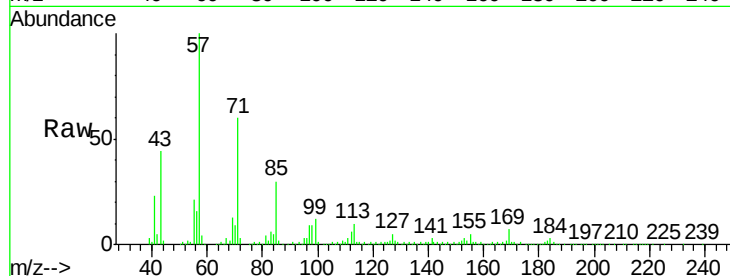
Tgt Ion:169 Resp: 29817

Ion Ratio Lower Upper

169 100

168 25.8 54.4 81.6#

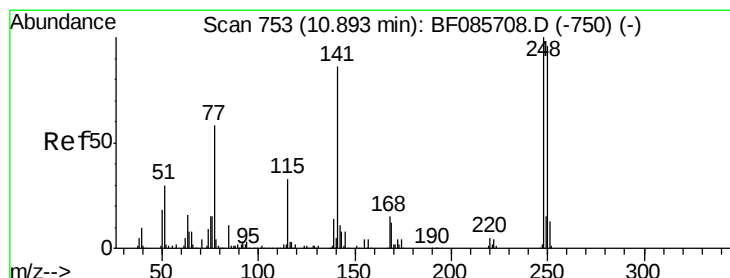
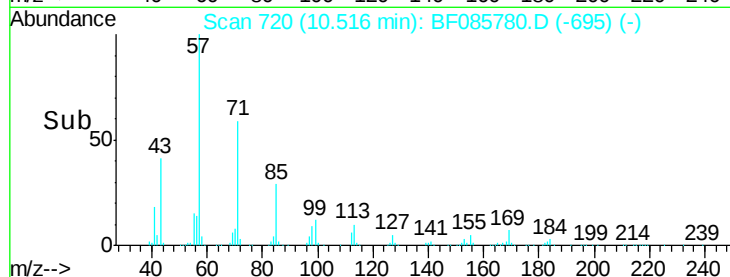
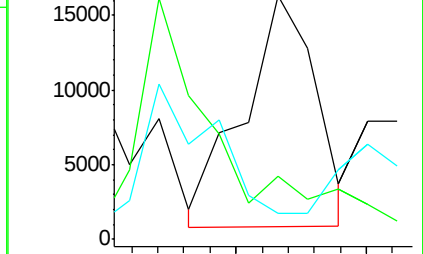
167 10.7 29.4 44.0#



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: 4.42 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.24 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

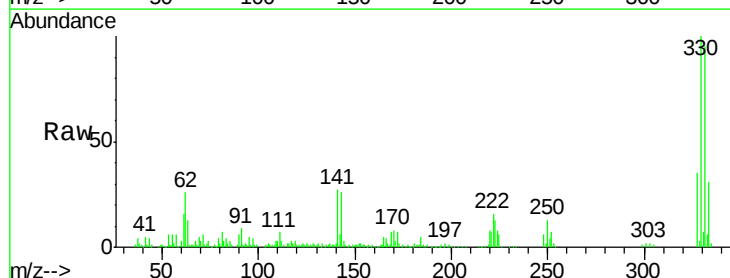
Tgt Ion:248 Resp: 10316

Ion Ratio Lower Upper

248 100

250 197.6 77.4 116.0#

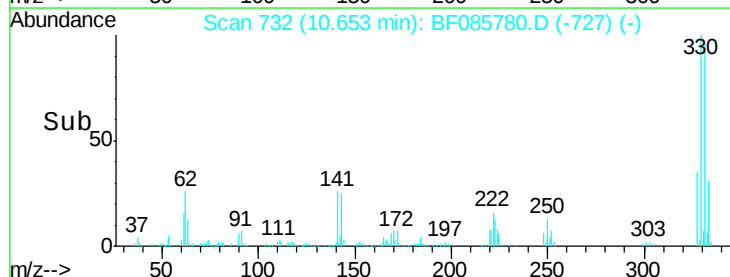
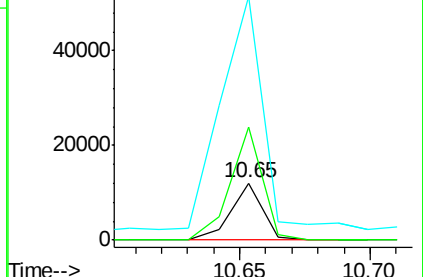
141 426.6 63.6 95.4#

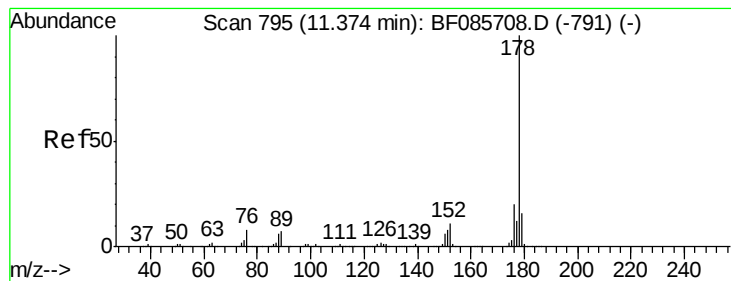


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 2.37 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampleId :

1

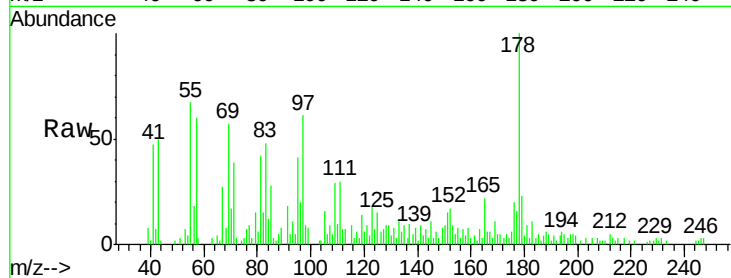
Tgt Ion:178 Resp: 27769

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

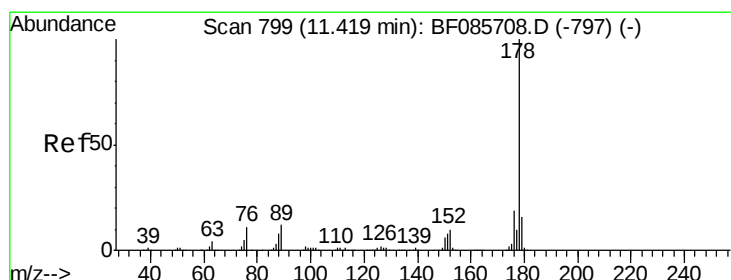
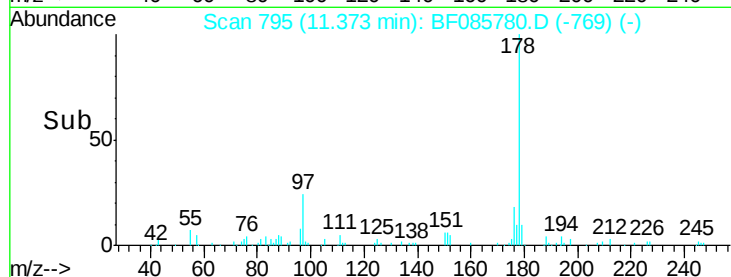
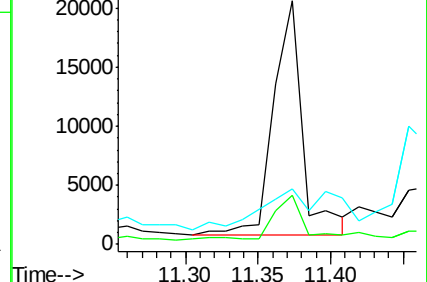
179 23.0 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.26 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.05 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

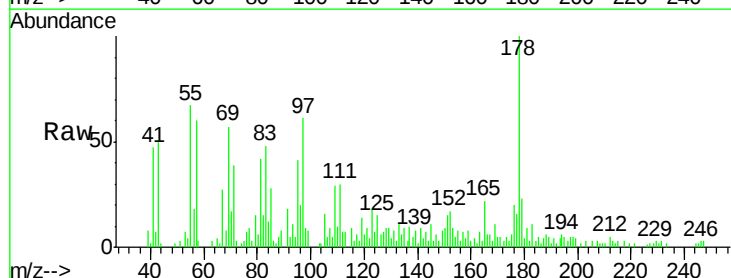
Tgt Ion:178 Resp: 27769

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

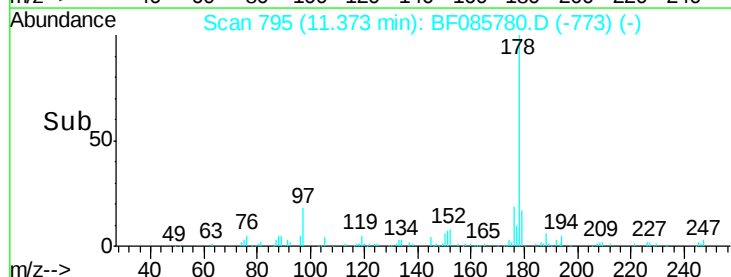
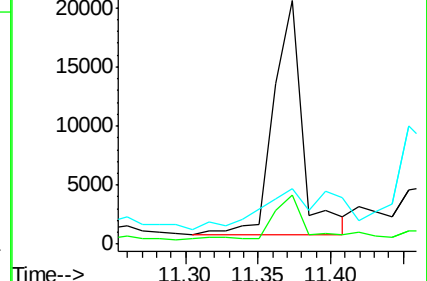
179 23.0 13.0 19.4#

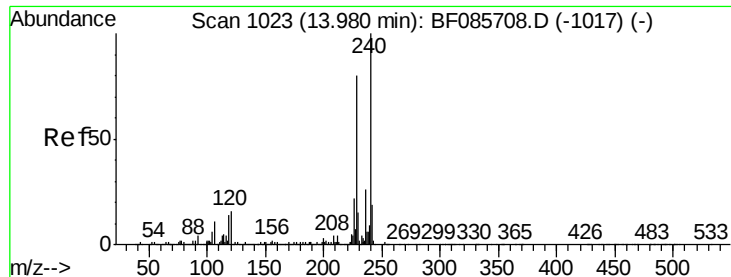


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

Instrument :

BNA_F

ClientSampleId :

1

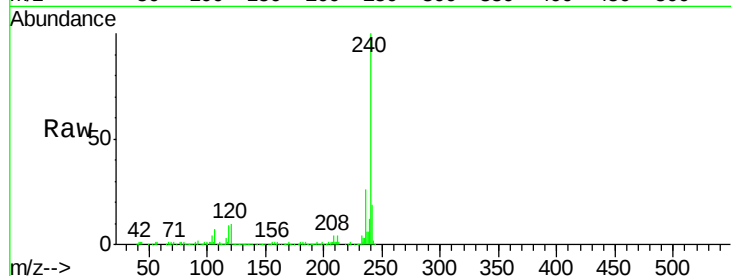
Tgt Ion:240 Resp: 221817

Ion Ratio Lower Upper

240 100

120 10.2 13.8 20.8#

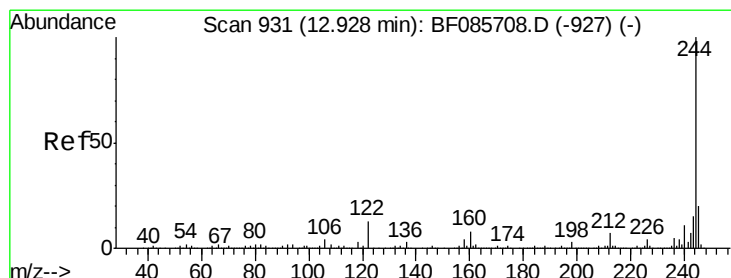
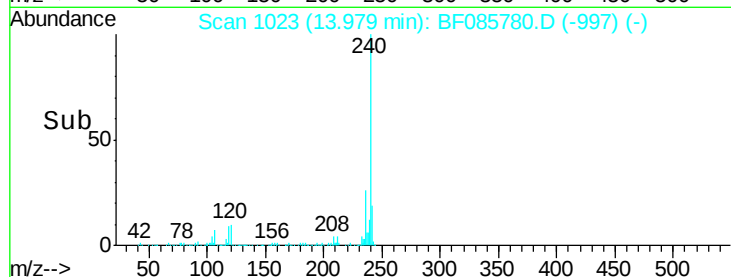
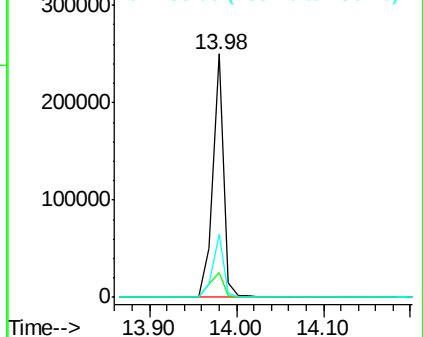
236 25.8 20.6 30.8



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



#78

Terphenyl-d14

Concen: 50.05 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085780.D

Acq: 26 Mar 2016 00:07

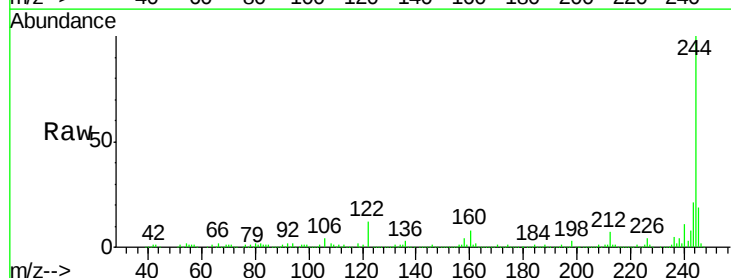
Tgt Ion:244 Resp: 539793

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

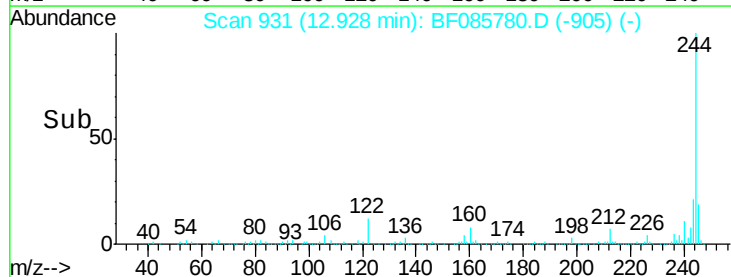
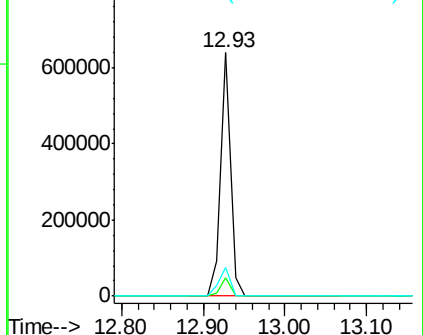
122 11.8 10.2 15.4

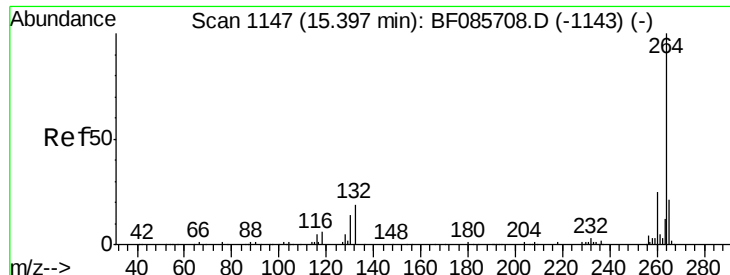


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

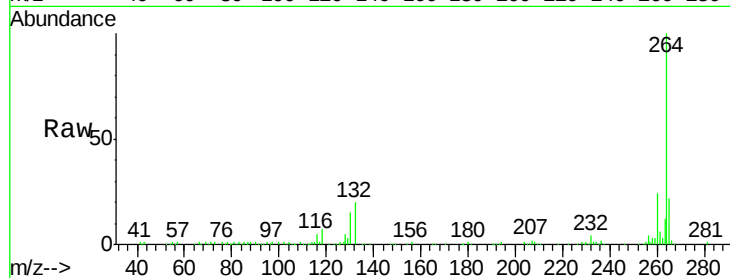




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085780.D
Acq: 26 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.2	25.8



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

