

Data Path : Z:\HPCHEM1\BNA_F\Data\BF033016\
 Data File : BF085879.D
 Acq On : 30 Mar 2016 11:28
 Operator : UM/SJ
 Sample : H1937-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-16

Quant Time: Mar 30 12:44:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

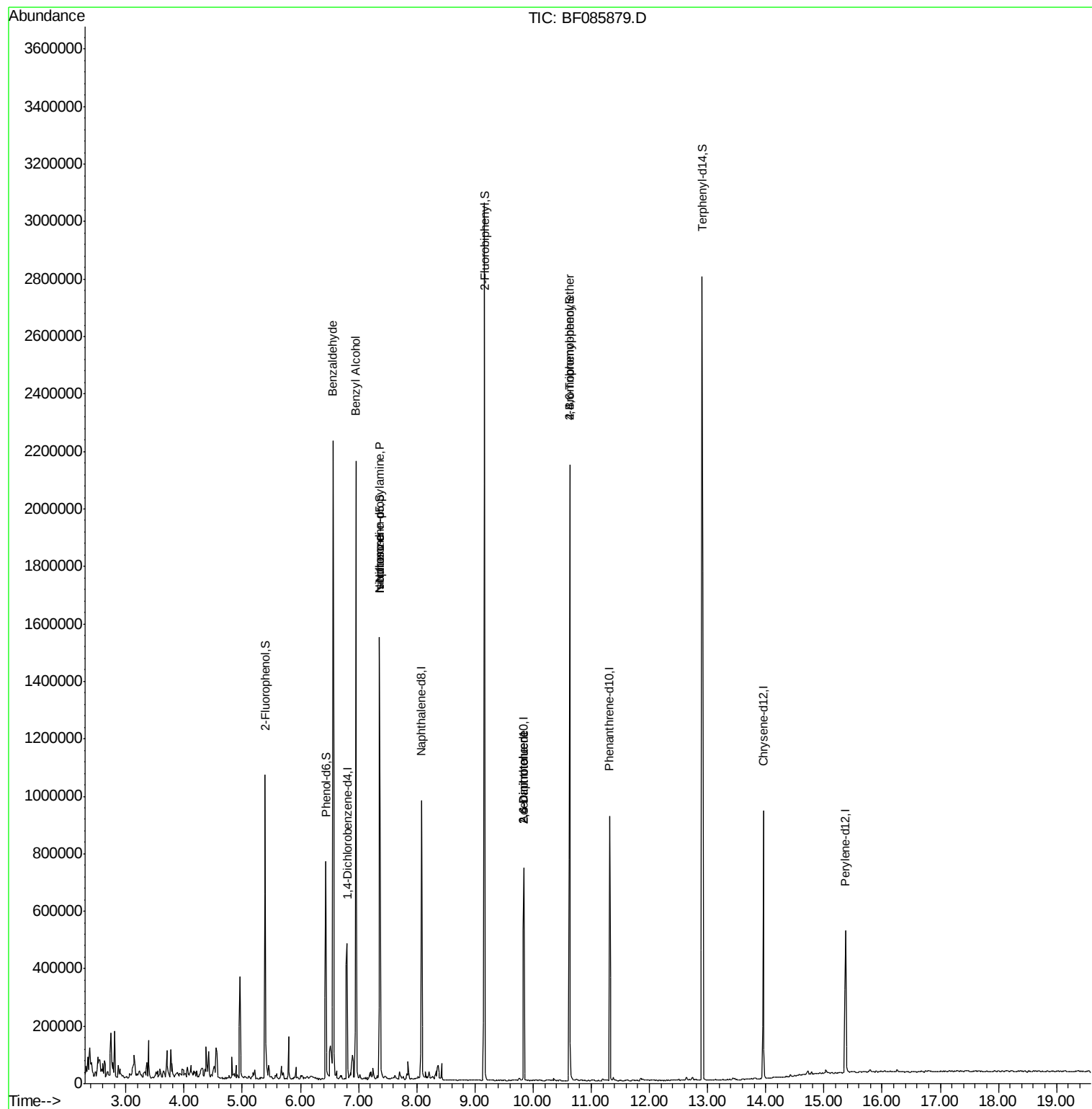
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101064	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	420009	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	190623	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	357625	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	303337	20.00	ng	-0.01
86) Perylene-d12	15.37	264	224724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	400799	66.05	ng	0.00
7) Phenol-d6	6.44	99	318244	41.25	ng	-0.01
23) Nitrobenzene-d5	7.36	82	664472	89.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	269493	148.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1269205	111.24	ng	0.00
78) Terphenyl-d14	12.91	244	1183633	80.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	16803	3.61	ng	# 74
15) Benzyl Alcohol	6.95	79	10983	2.13	ng	# 49
19) n-Nitroso-di-n-propylamine	7.36	70	86214	18.66	ng	# 78
25) Isophorone	7.36	82	601579	41.87	ng	# 68
50) 2,6-Dinitrotoluene	9.84	165	24384	7.83	ng	# 18
56) 2,4-Dinitrotoluene	9.84	165	24384	6.16	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	18693	5.11	ng	# 1

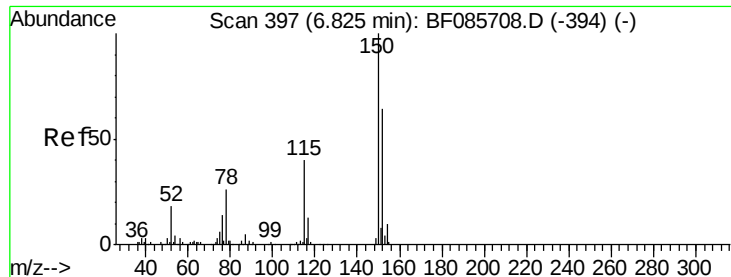
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

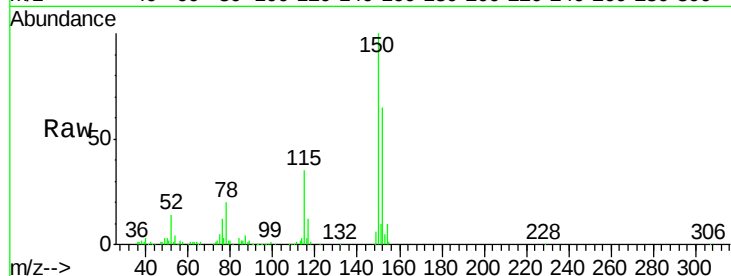
Tgt Ion:152 Resp: 101064

Ion Ratio Lower Upper

152 100

150 154.3 124.2 186.2

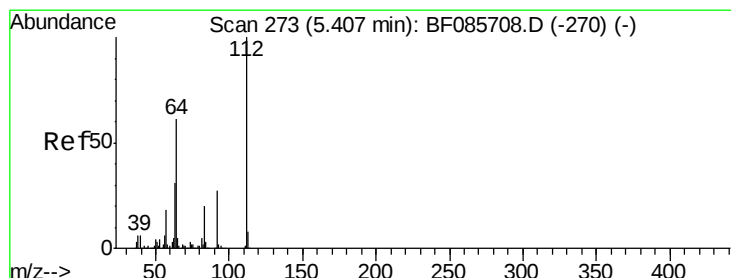
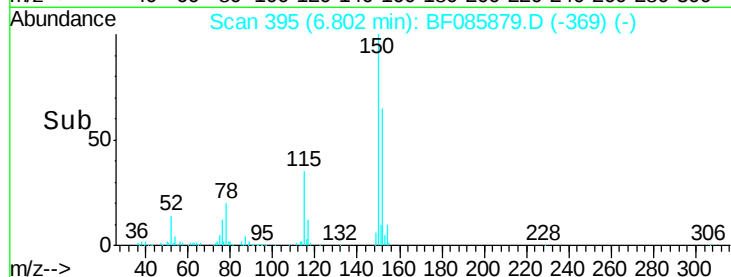
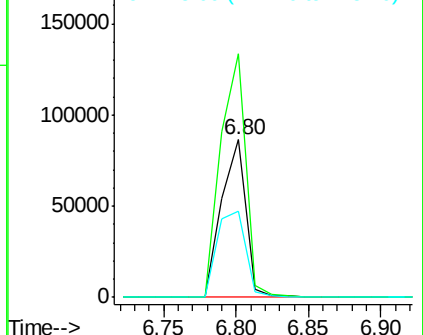
115 54.4 47.0 70.6



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: 66.05 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

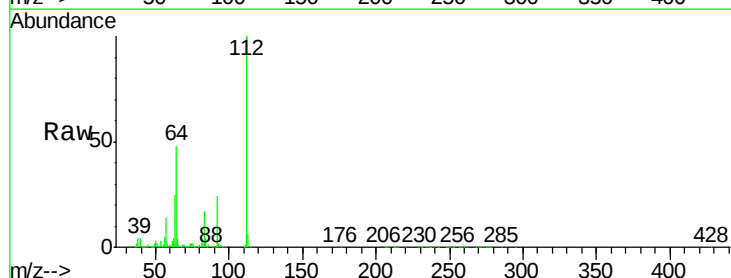
Tgt Ion:112 Resp: 400799

Ion Ratio Lower Upper

112 100

64 47.6 39.9 59.9

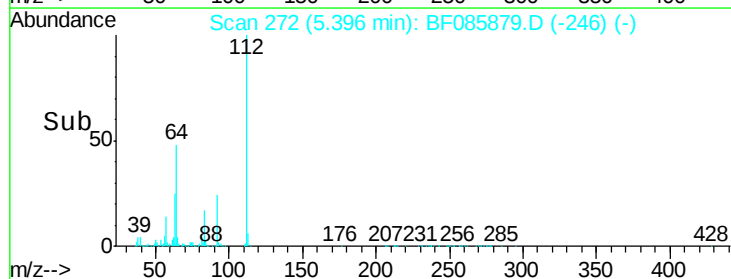
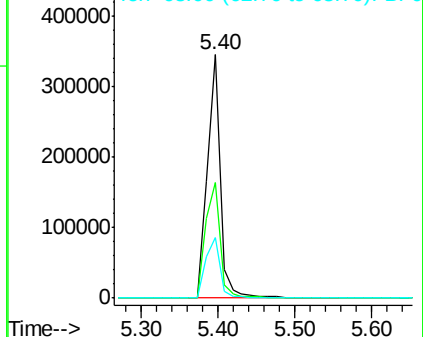
63 24.7 20.2 30.2



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: 41.25 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

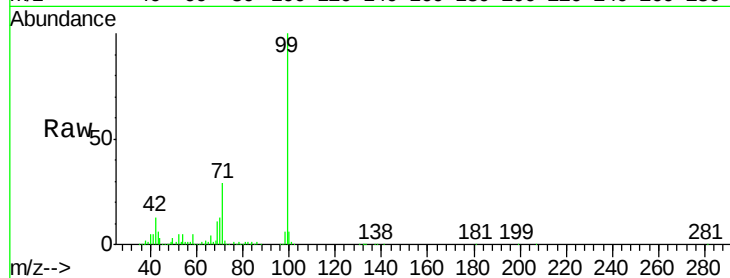
Tgt Ion: 99 Resp: 318244

Ion Ratio Lower Upper

99 100

42 13.0 11.1 16.7

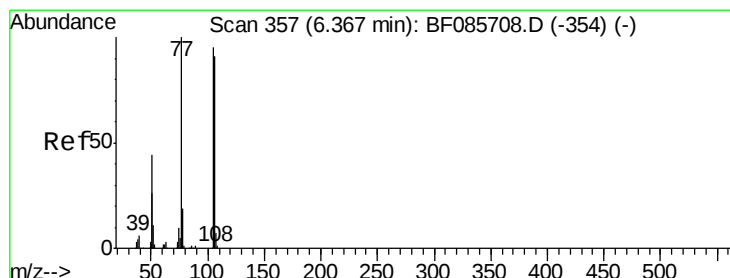
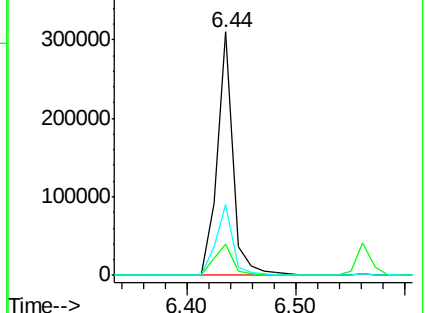
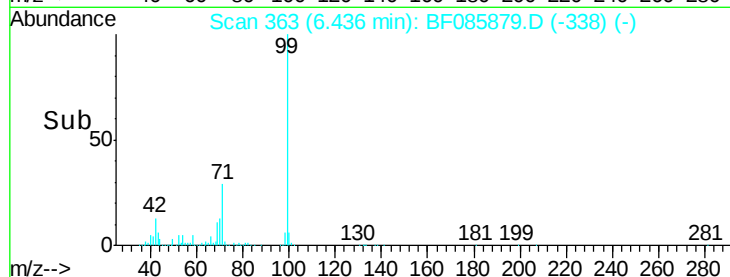
71 29.1 24.9 37.3



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: 3.61 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

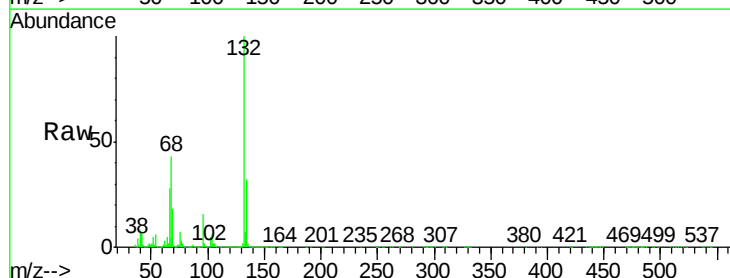
Tgt Ion: 77 Resp: 16803

Ion Ratio Lower Upper

77 100

105 74.2 80.1 120.1#

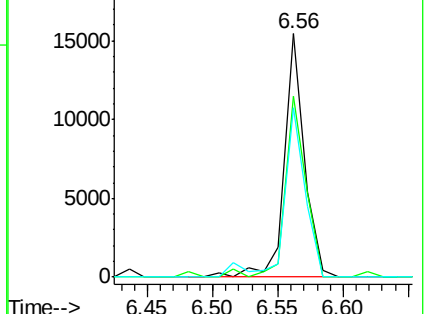
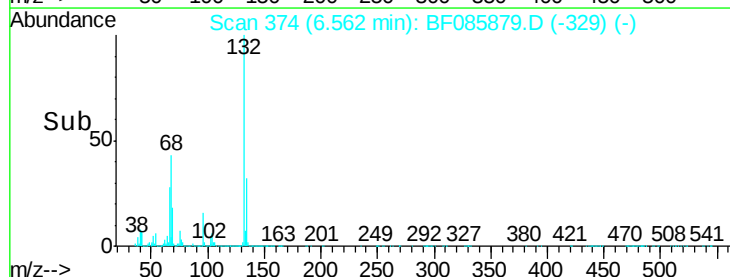
106 69.6 75.0 115.0#

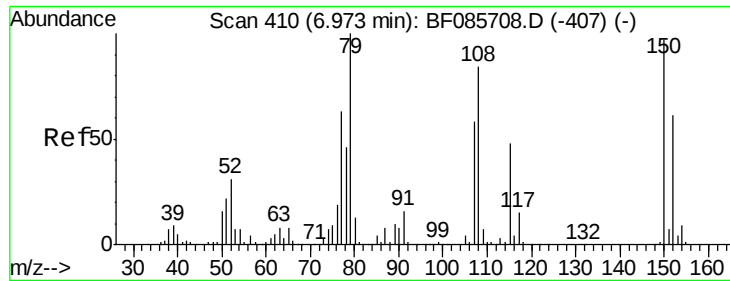


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.95 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

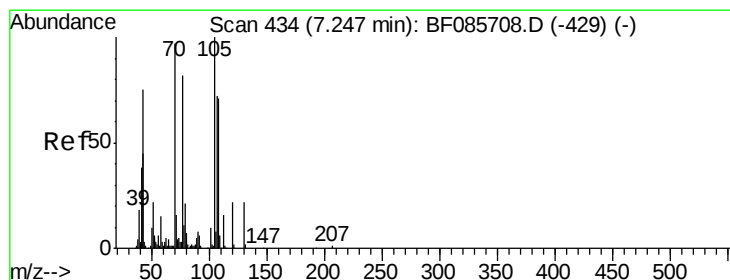
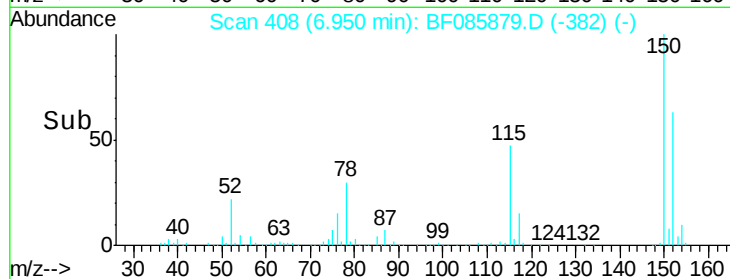
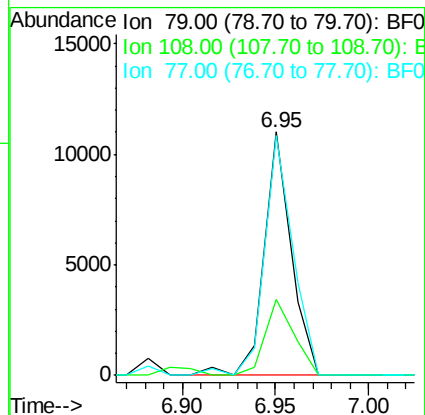
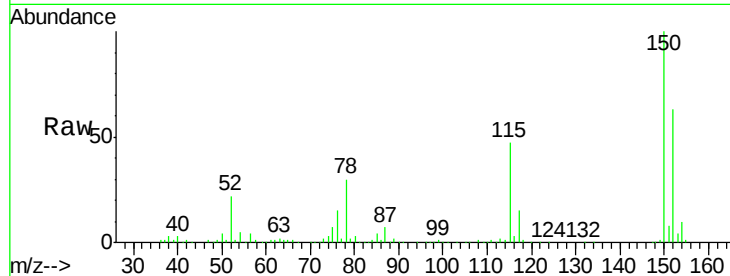
Tgt Ion: 79 Resp: 10983

Ion Ratio Lower Upper

79 100

108 31.1 61.8 92.6#

77 98.3 49.6 74.4#



#19

n-Nitroso-di-n-propylamine

Concen: 18.66 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Tgt Ion: 70 Resp: 86214

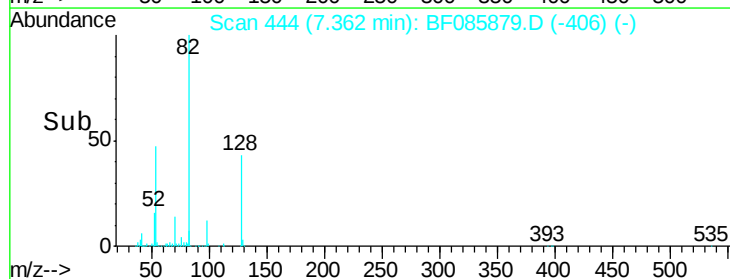
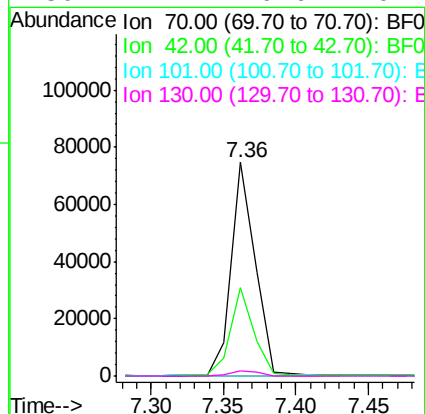
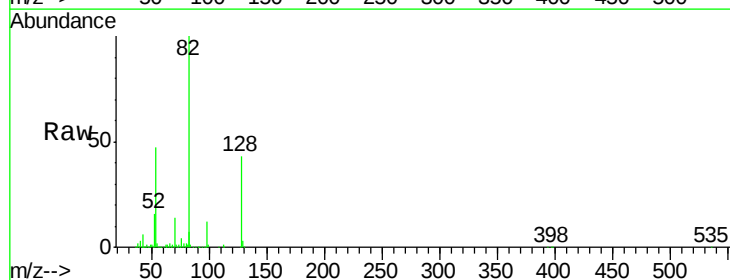
Ion Ratio Lower Upper

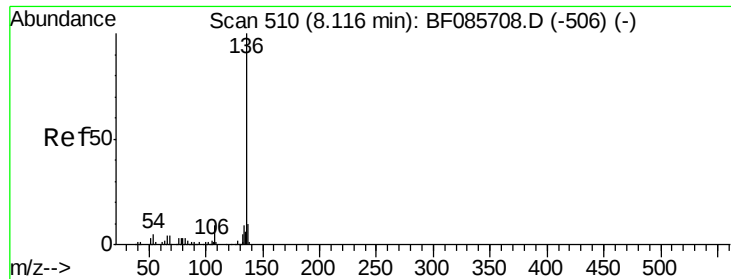
70 100

42 41.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

Tgt Ion:136 Resp: 420009

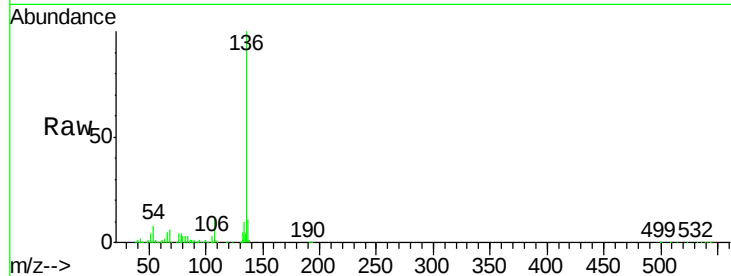
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 7.4 11.0

68 6.2 5.8 8.8

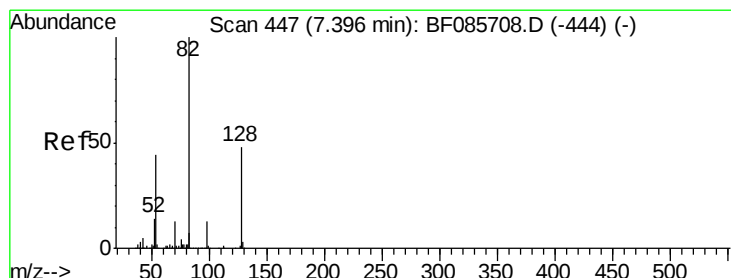
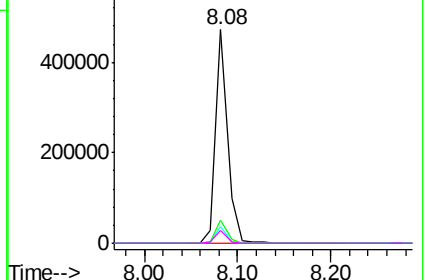
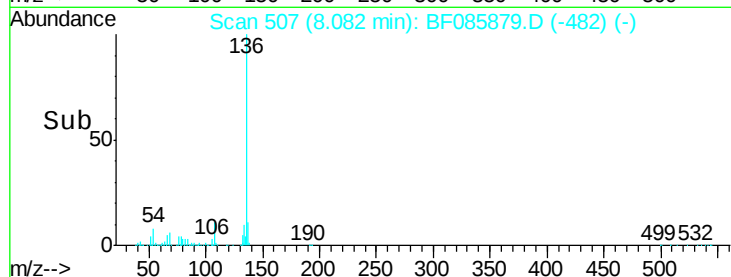


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.09 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

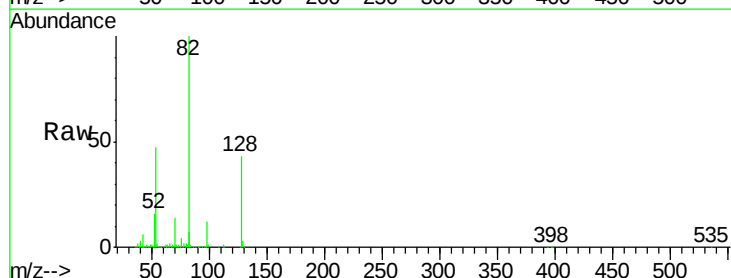
Tgt Ion: 82 Resp: 664472

Ion Ratio Lower Upper

82 100

128 43.0 41.8 62.8

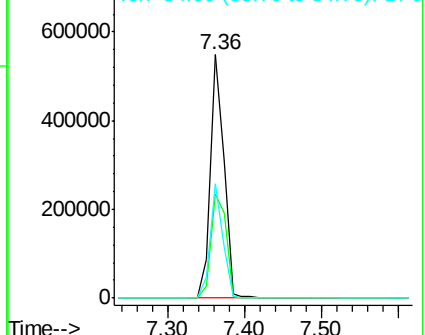
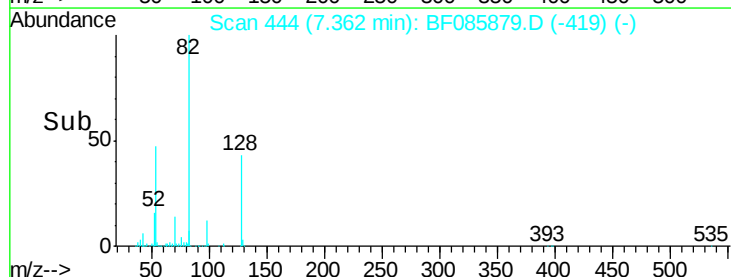
54 47.2 33.4 50.0

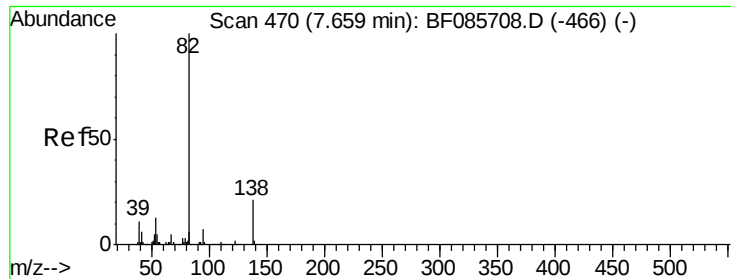


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.87 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

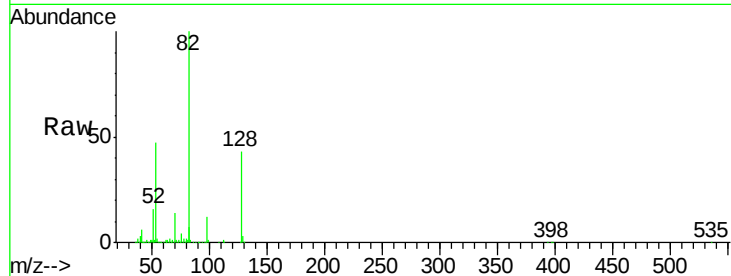
Tgt Ion: 82 Resp: 601579

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

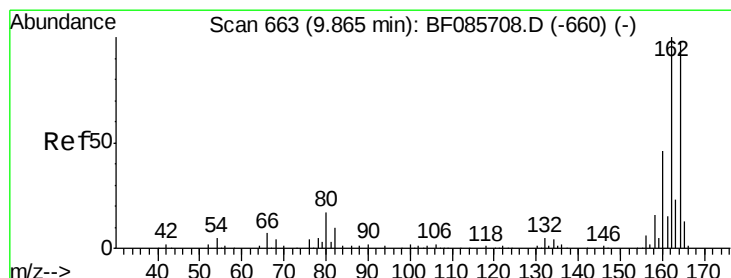
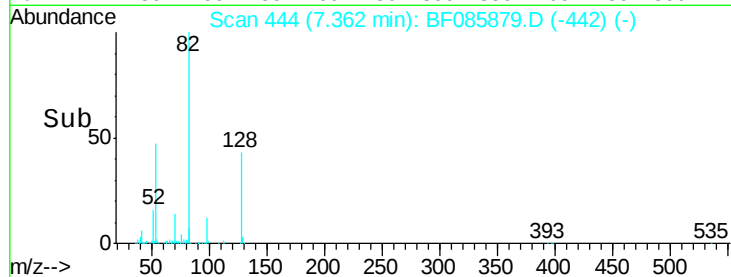
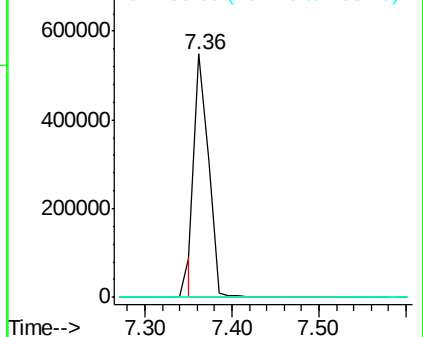
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

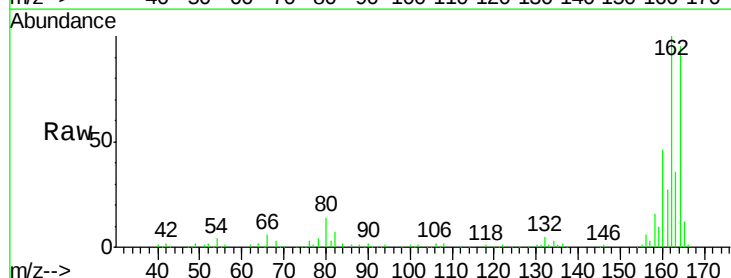
Tgt Ion: 164 Resp: 190623

Ion Ratio Lower Upper

164 100

162 105.4 82.1 123.1

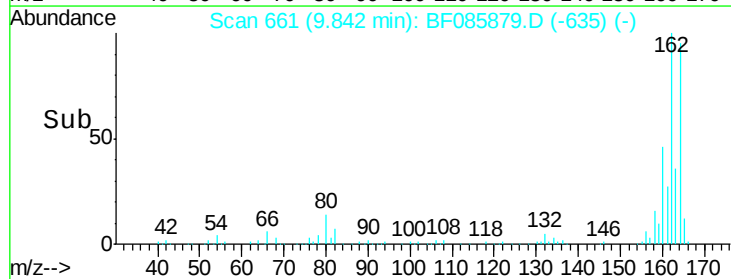
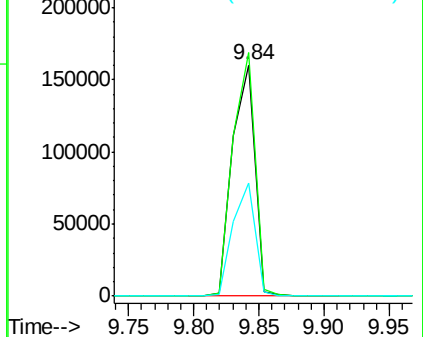
160 48.8 37.4 56.2

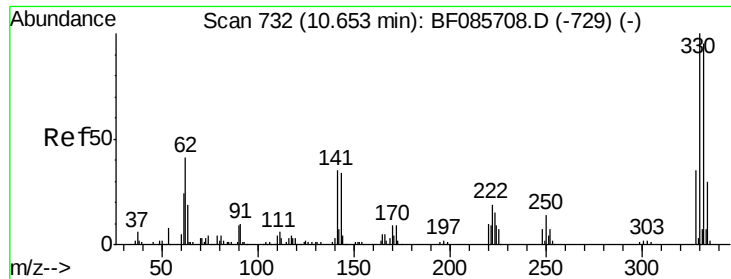


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

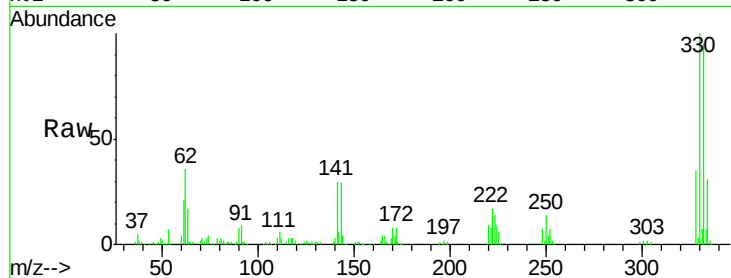




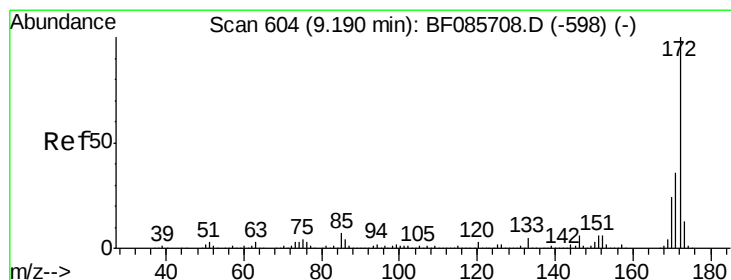
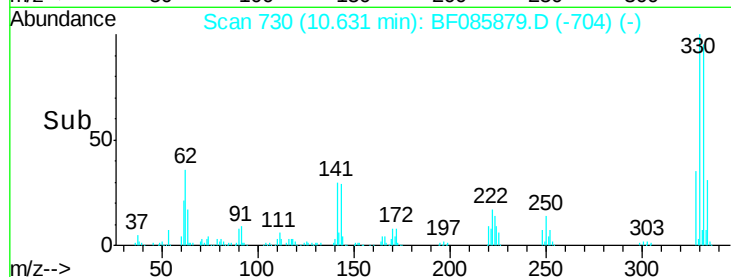
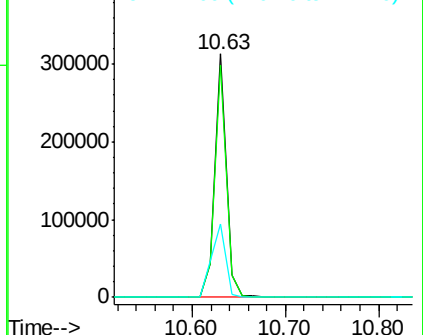
#41
 2,4,6-Tribromophenol
 Concen: 148.80 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Instrument :
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Tgt Ion:330 Resp: 269493
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 37.7 31.5 47.3

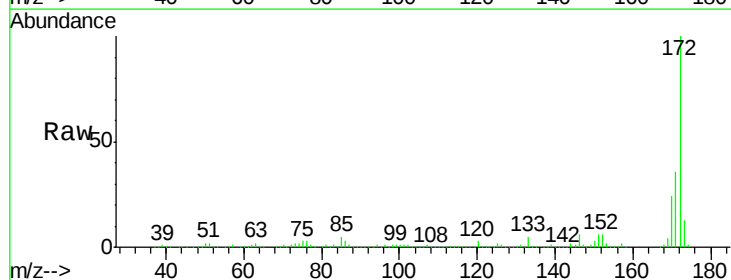


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

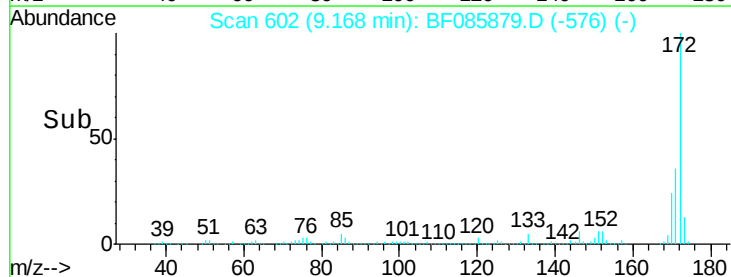
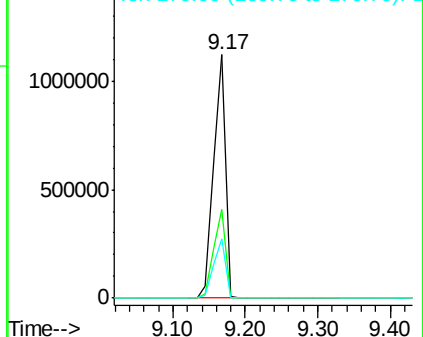


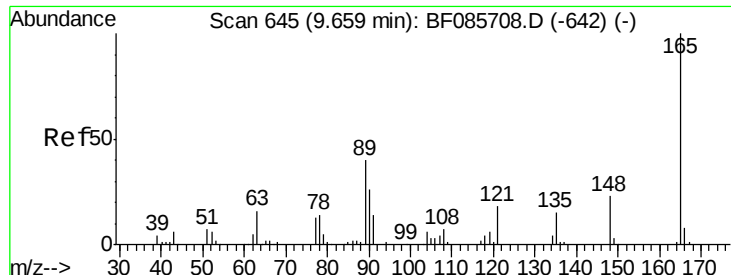
#44
 2-Fluorobiphenyl
 Concen: 111.24 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085879.D
 Acq: 30 Mar 2016 11:28

Tgt Ion:172 Resp: 1269205
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.3 19.8 29.6



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





#50

2,6-Dinitrotoluene

Concen: 7.83 ng

RT: 9.84 min Scan# 661

Delta R.T. 0.21 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

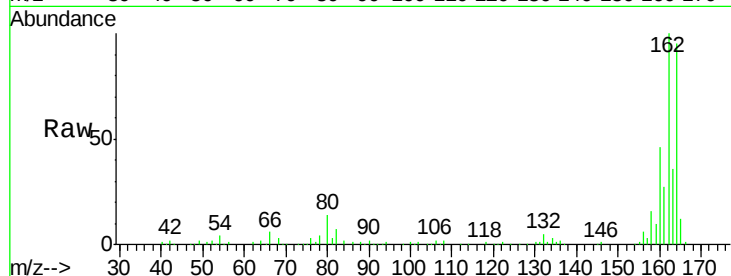
Tgt Ion:165 Resp: 24384

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

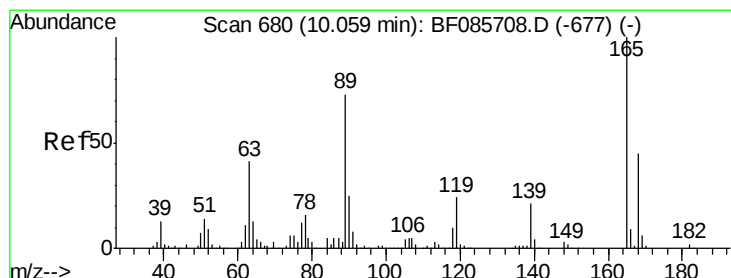
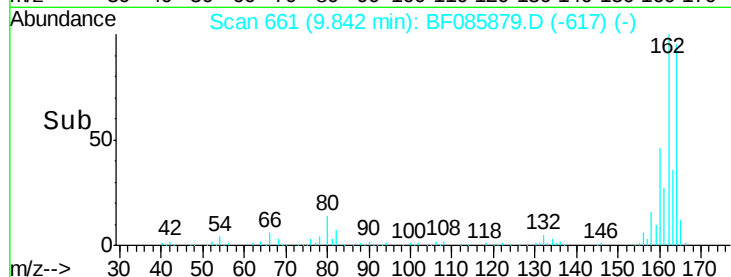
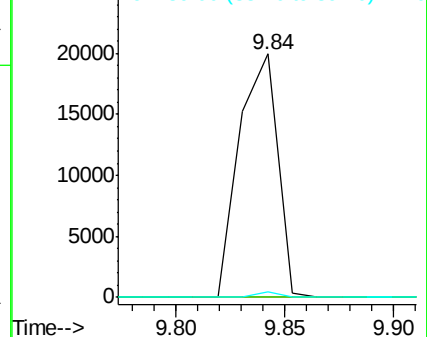
89 2.0 53.7 80.5#



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



#56

2,4-Dinitrotoluene

Concen: 6.16 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.19 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Tgt Ion:165 Resp: 24384

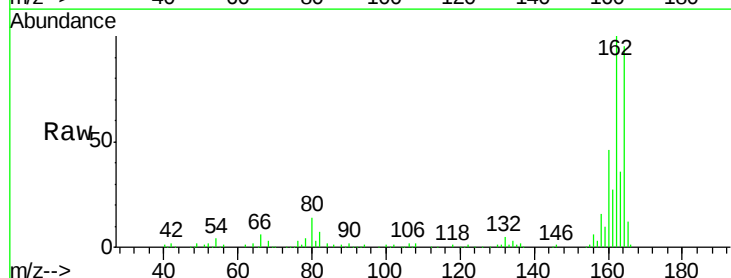
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 2.0 41.0 61.6#

182 0.0 2.1 3.1#

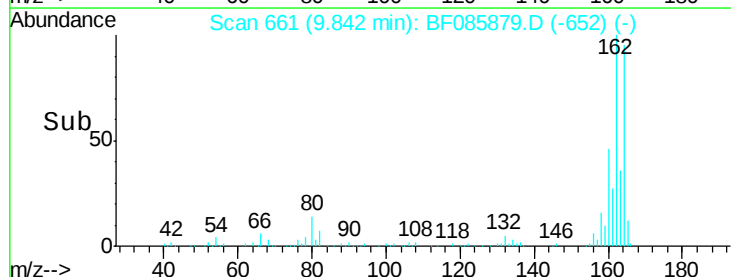
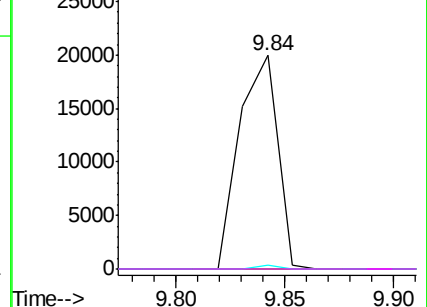


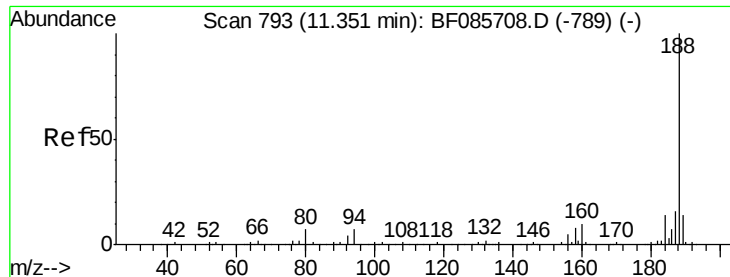
Abundance Ion 165.00 (164.70 to 165.70): E

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

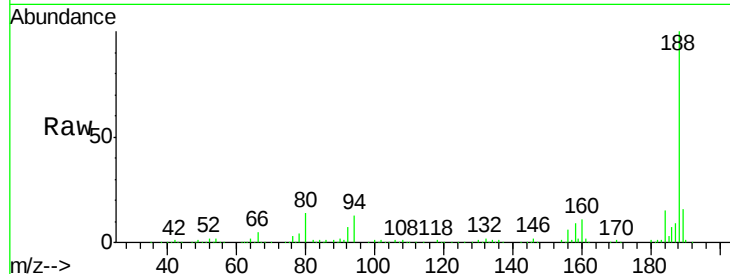




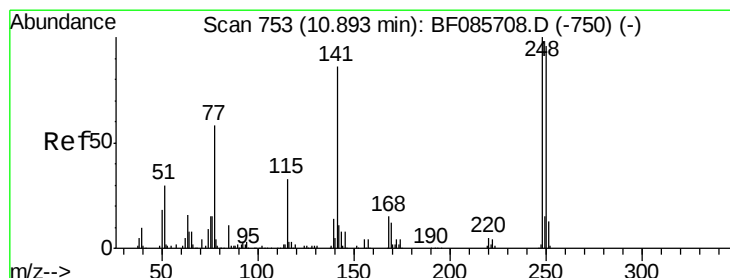
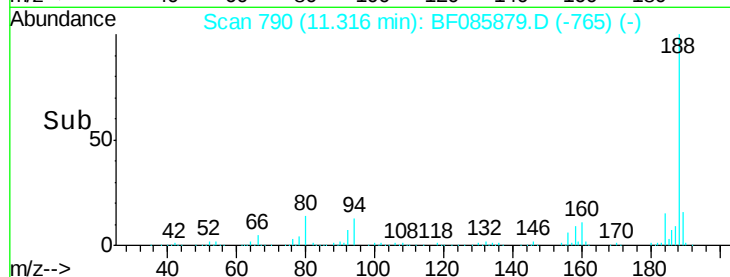
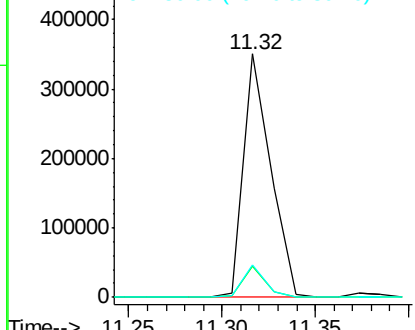
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085879.D
Acq: 30 Mar 2016 11:28

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-23-16

Tgt Ion:188 Resp: 357625
Ion Ratio Lower Upper
188 100
94 12.7 5.4 8.0#
80 13.5 5.5 8.3#

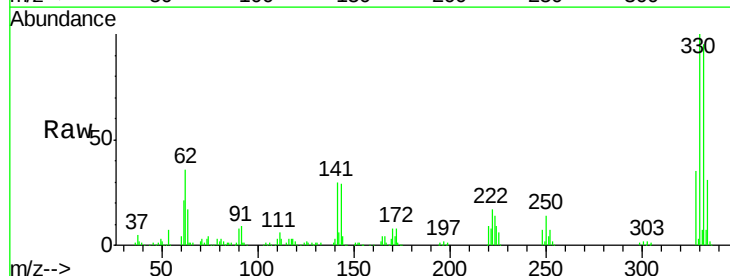


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

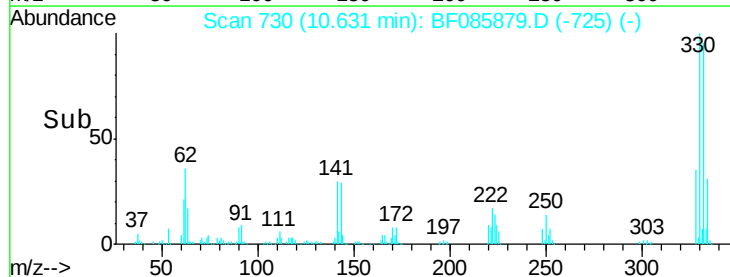
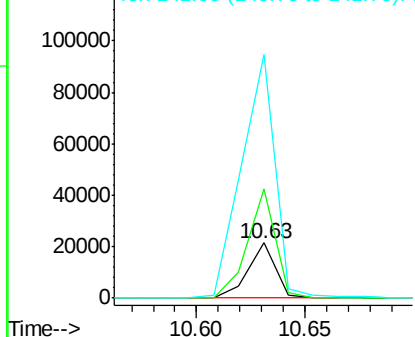


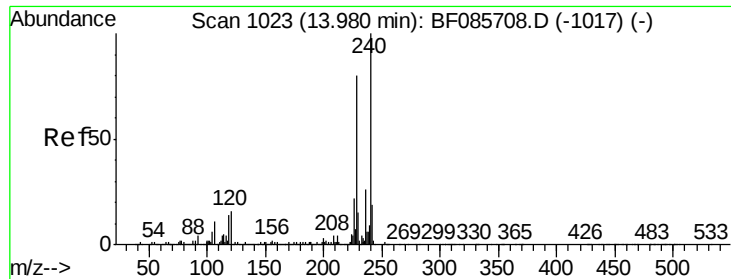
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085879.D
Acq: 30 Mar 2016 11:28

Tgt Ion:248 Resp: 18693
Ion Ratio Lower Upper
248 100
250 200.1 77.4 116.0#
141 443.6 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-16

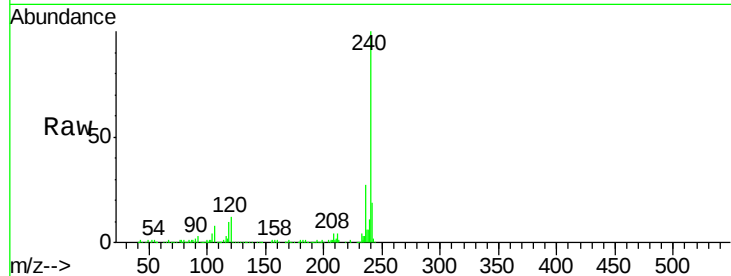
Tgt Ion:240 Resp: 303337

Ion Ratio Lower Upper

240 100

120 12.3 13.8 20.8#

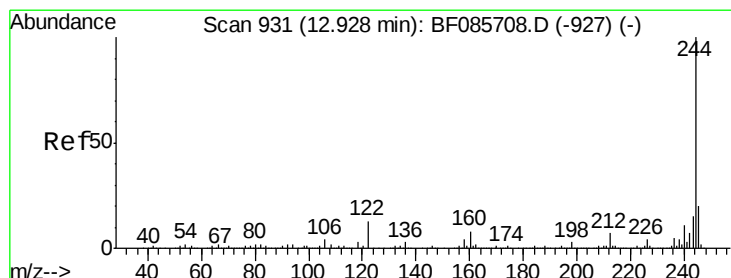
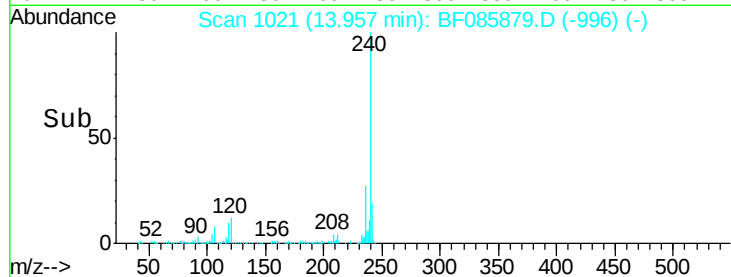
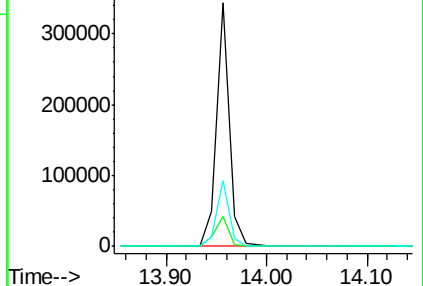
236 27.1 20.6 30.8



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: 80.25 ng

RT: 12.91 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF085879.D

Acq: 30 Mar 2016 11:28

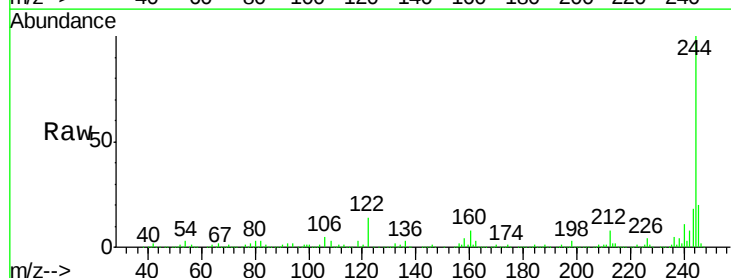
Tgt Ion:244 Resp: 1183633

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

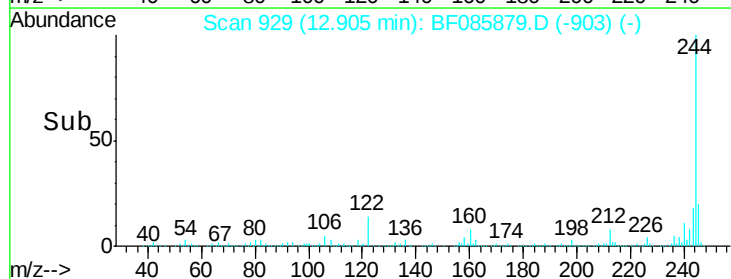
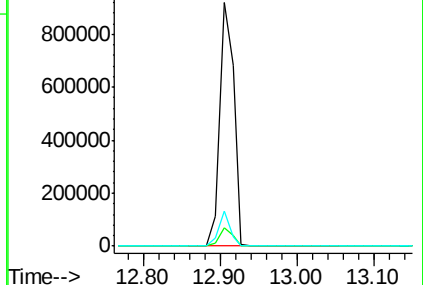
122 14.2 10.2 15.4

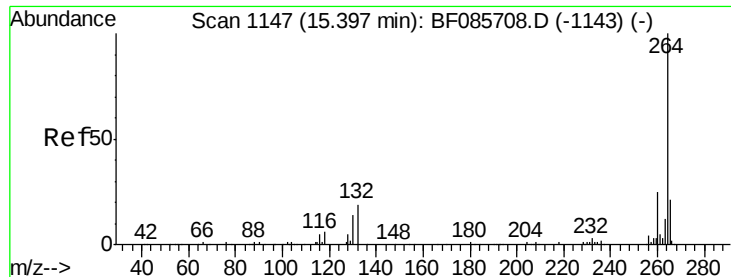


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF085879.D
Acq: 30 Mar 2016 11:28

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-23-16

Tgt Ion: 264 Resp: 224724
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.3 17.2 25.8

