

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077900.D
 Acq On : 23 Mar 2015 17:57
 Operator : TP/IZ
 Sample : G1591-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

Quant Time: Mar 24 01:39:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

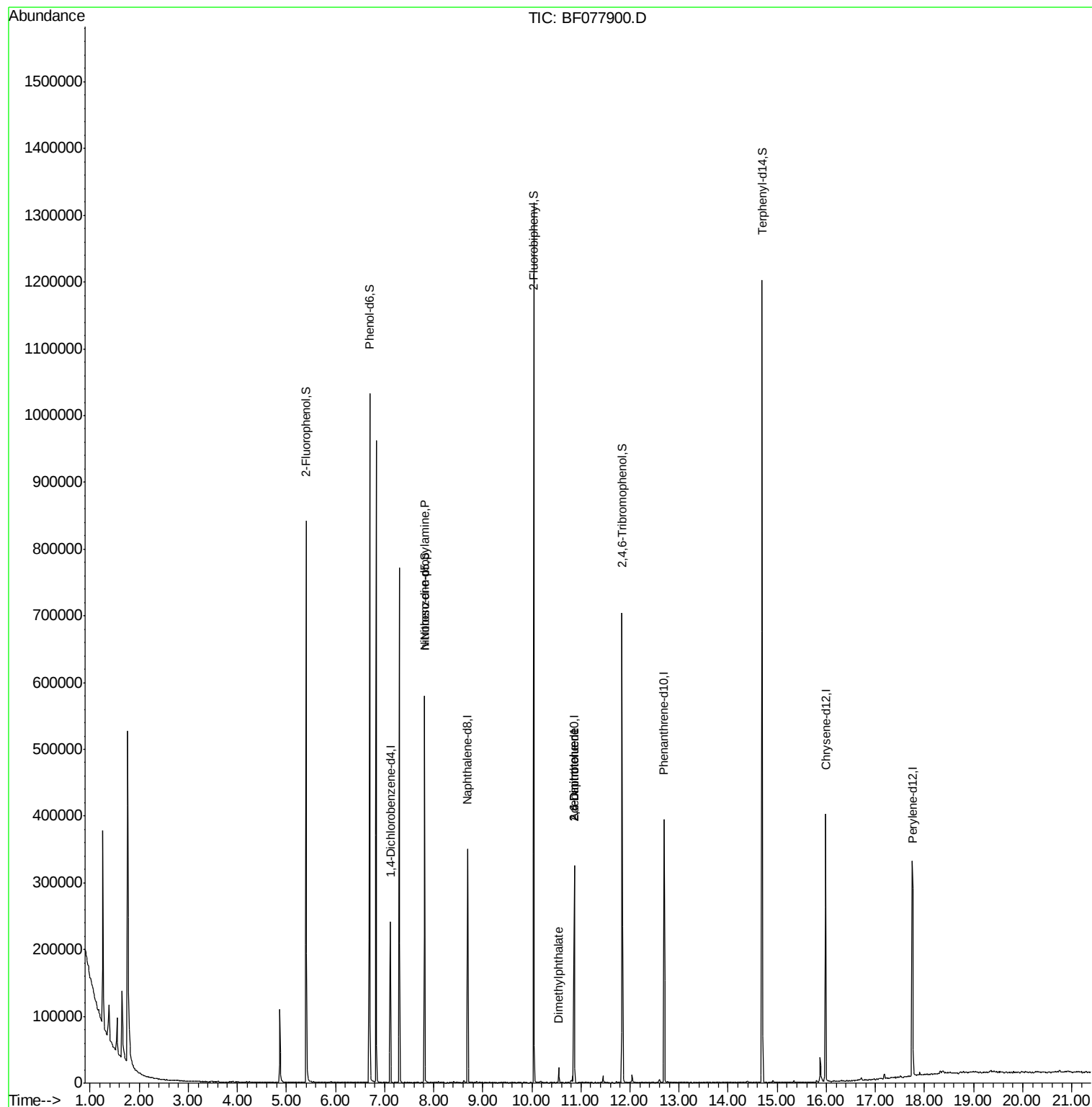
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	38349	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	162070	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	78822	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	165220	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	190716	20.00	ng	-0.02
86) Perylene-d12	17.76	264	183127	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	267873	121.93	ng	0.00
7) Phenol-d6	6.69	99	354098	130.45	ng	0.00
23) Nitrobenzene-d5	7.81	82	200551	81.12	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	83349	110.52	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	425529	79.34	ng	0.00
78) Terphenyl-d14	14.69	244	487761	62.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	24724	13.17	ng	# 79
49) Dimethylphthalate	10.55	163	11712	2.00	ng	99
50) 2,6-Dinitrotoluene	10.87	165	9865	8.14	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	9865	6.24	ng	# 11

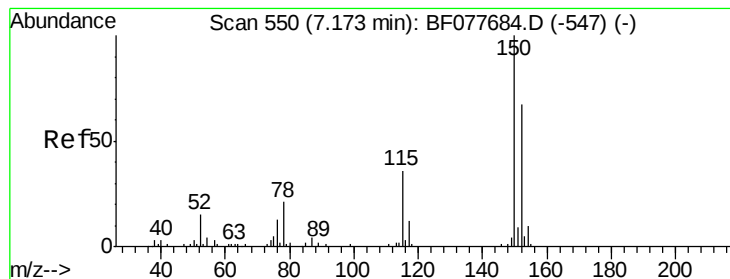
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
Data File : BF077900.D
Acq On : 23 Mar 2015 17:57
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Sample : G1591-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Mar 24 01:39:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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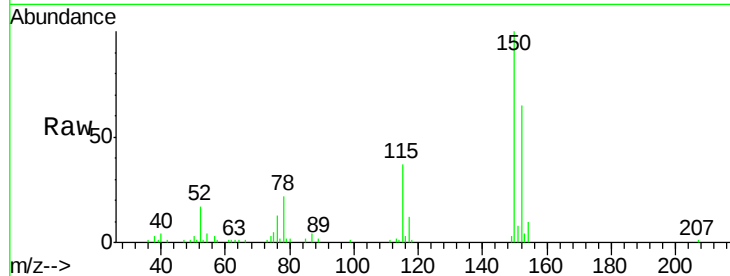


#1

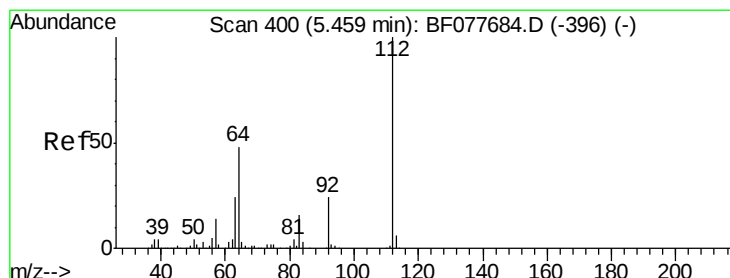
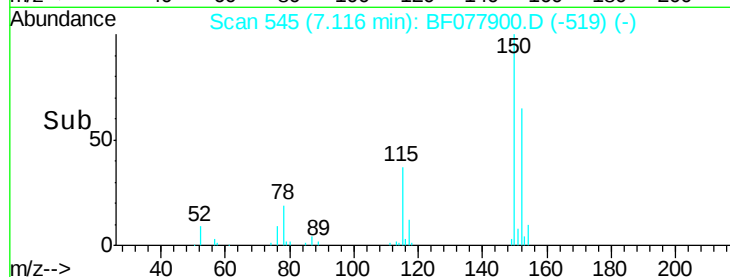
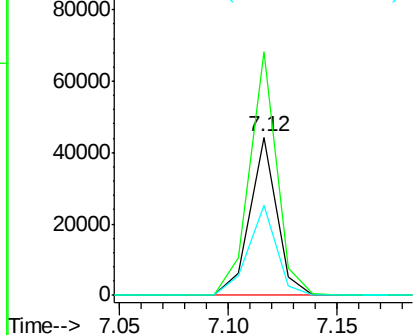
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077900.D
Acq: 23 Mar 2015 17:57

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-G1-G2-G3-G4

Tgt Ion:152 Resp: 38349
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 56.7 43.0 64.4



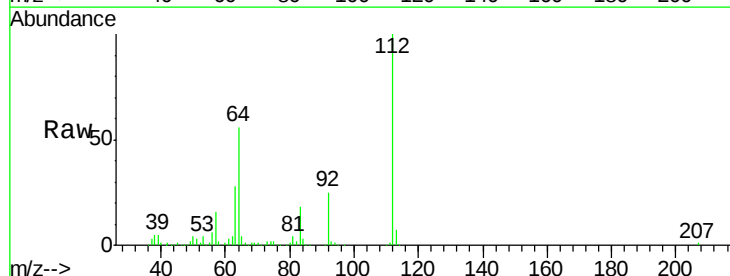
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



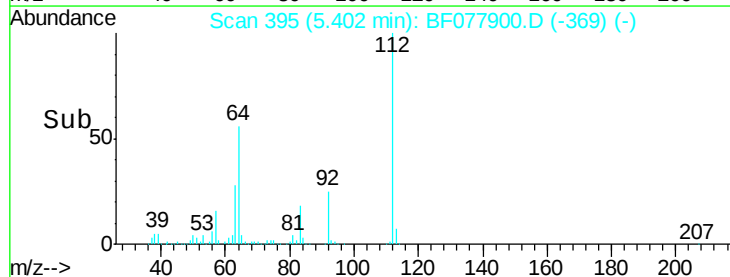
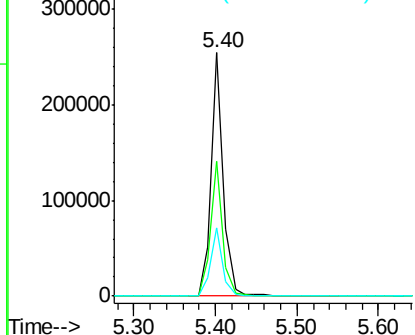
#5

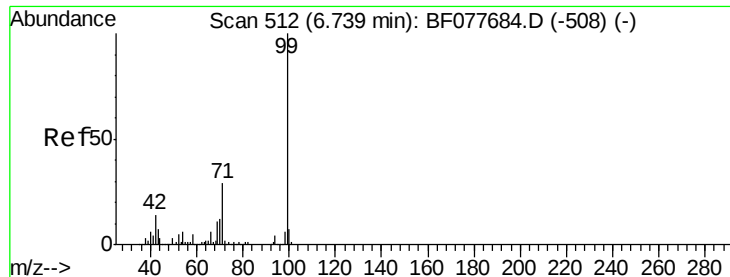
2-Fluorophenol
Concen: 121.93 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077900.D
Acq: 23 Mar 2015 17:57

Tgt Ion:112 Resp: 267873
Ion Ratio Lower Upper
112 100
64 55.5 38.6 57.8
63 28.3 19.3 28.9



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: 130.45 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

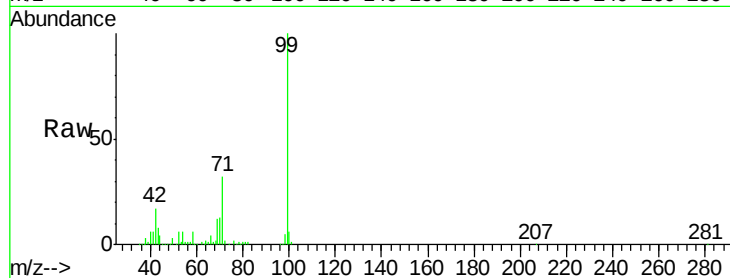
Tgt Ion: 99 Resp: 354098

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

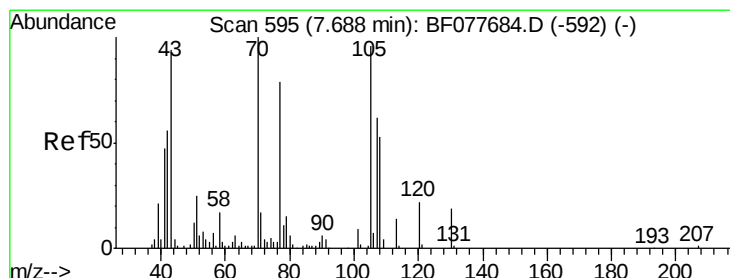
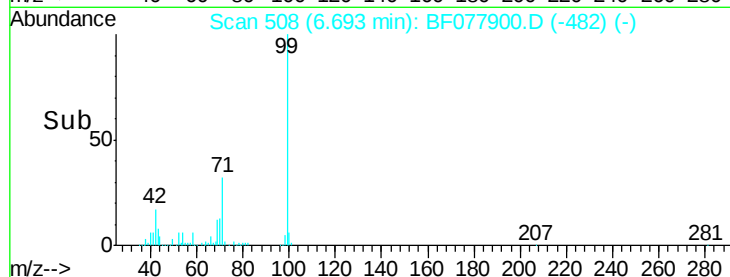
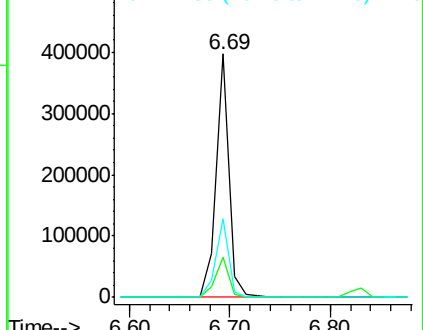
71 32.2 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.17 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Tgt Ion: 70 Resp: 24724

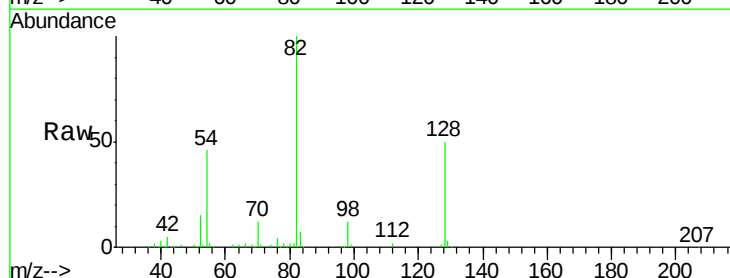
Ion Ratio Lower Upper

70 100

42 44.8 44.5 66.7

101 0.0 7.4 11.2#

130 2.7 15.3 22.9#

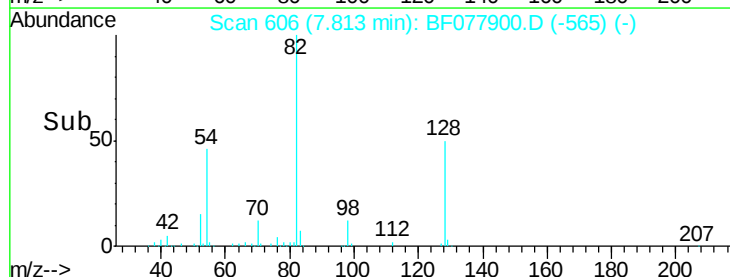
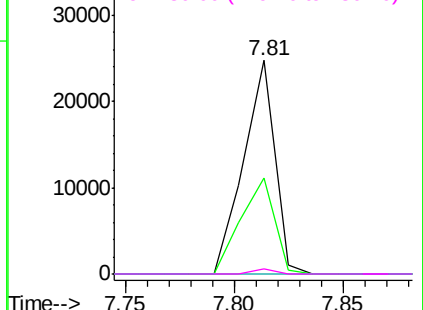


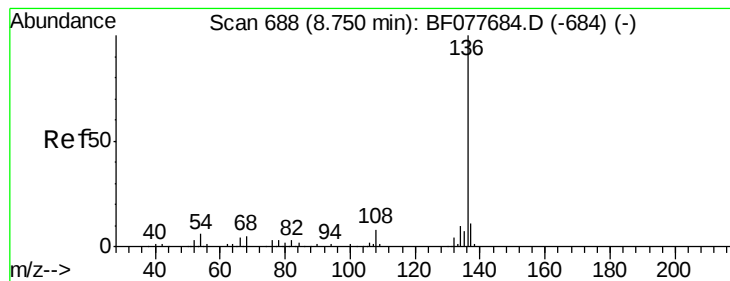
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

Tgt Ion:136 Resp: 162070

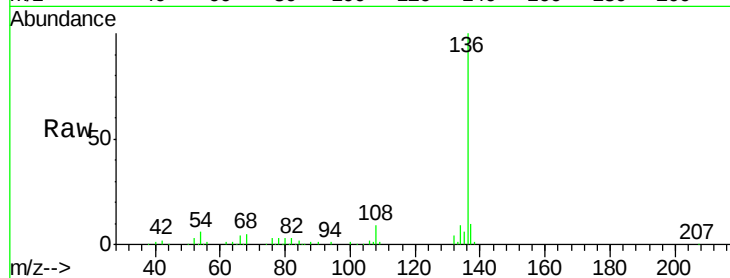
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.4 4.6 6.8

68 4.9 3.7 5.5

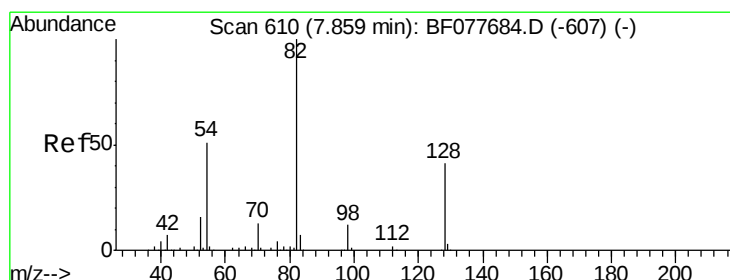
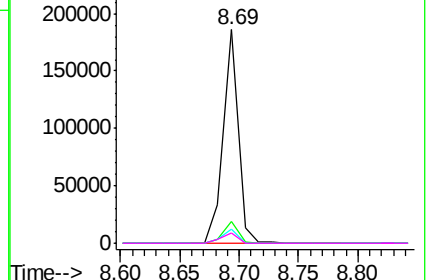
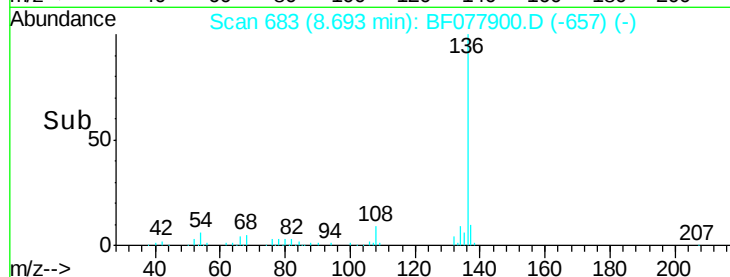


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.12 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

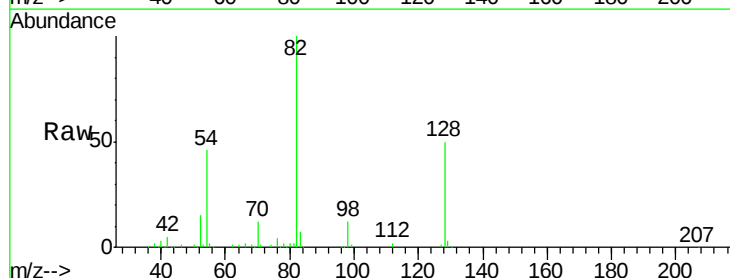
Tgt Ion: 82 Resp: 200551

Ion Ratio Lower Upper

82 100

128 50.1 32.8 49.2#

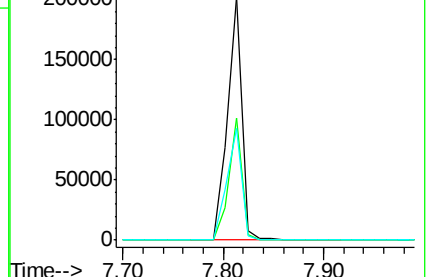
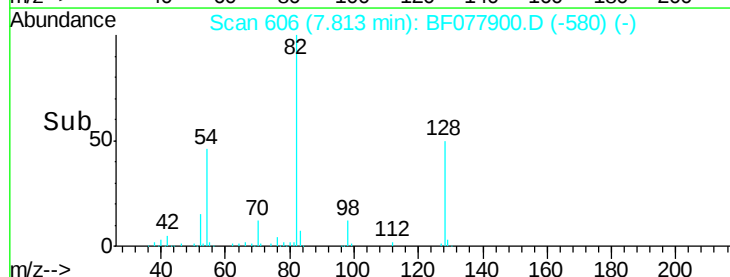
54 46.0 40.6 60.8

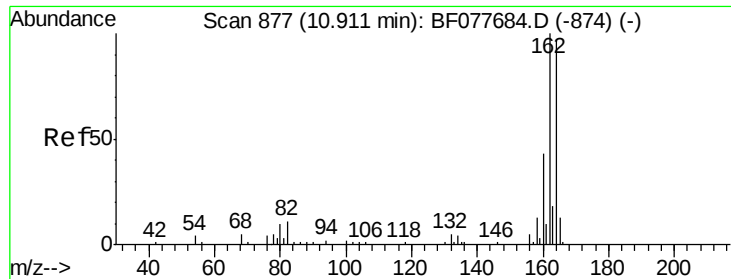


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

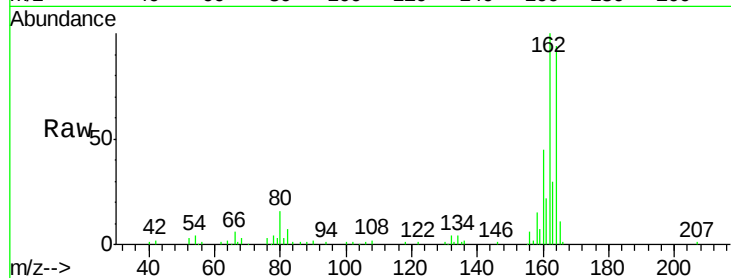




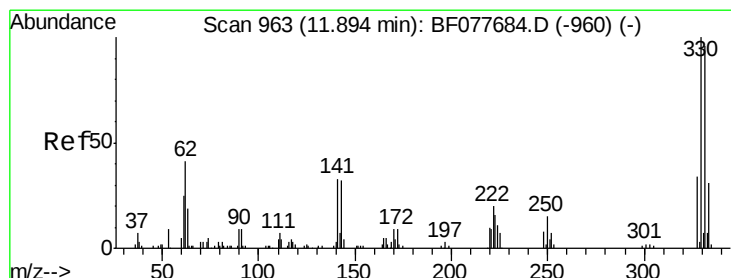
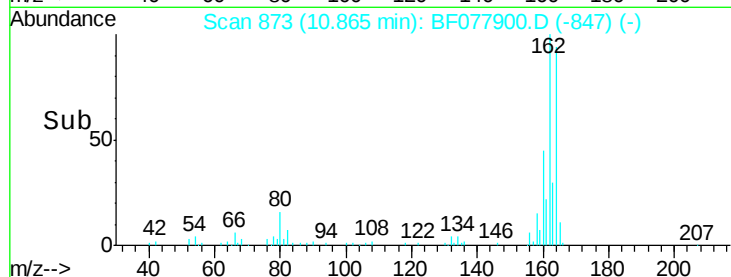
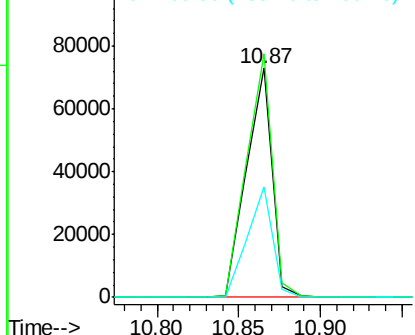
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077900.D
 Acq: 23 Mar 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

Tgt Ion:164 Resp: 78822
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 48.2 35.8 53.6

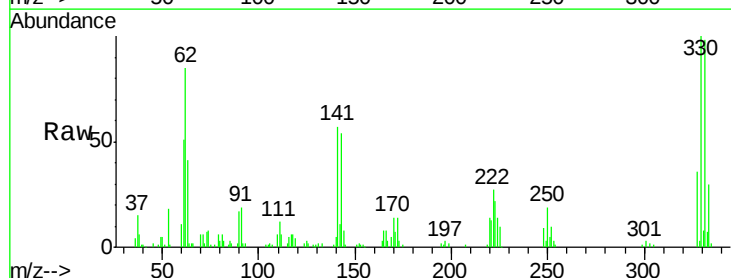


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

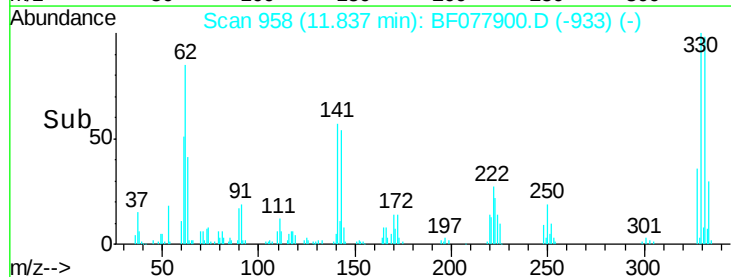
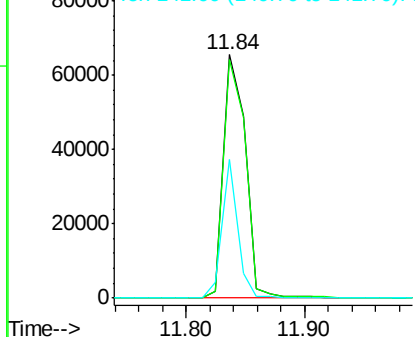


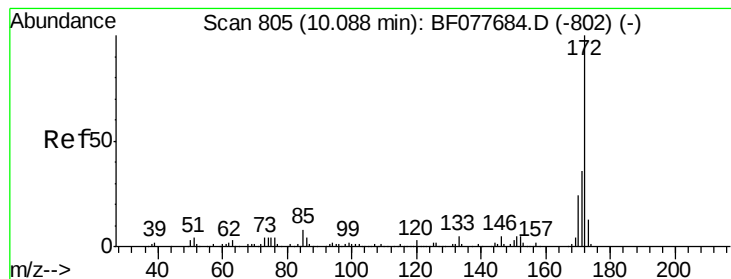
#41
 2,4,6-Tribromophenol
 Concen: 110.52 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF077900.D
 Acq: 23 Mar 2015 17:57

Tgt Ion:330 Resp: 83349
 Ion Ratio Lower Upper
 330 100
 332 98.7 0.0 0.0#
 141 40.4 0.0 0.0#



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: 79.34 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

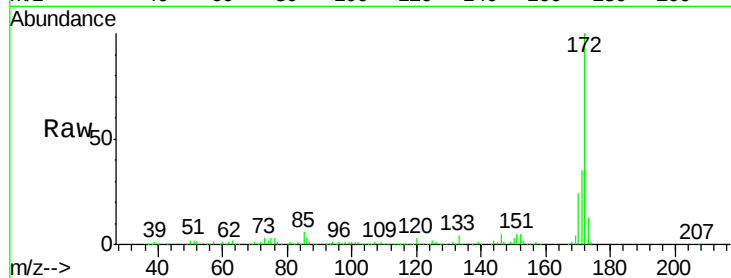
Tgt Ion:172 Resp: 425529

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

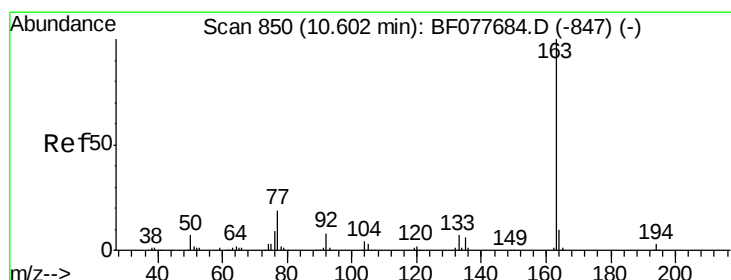
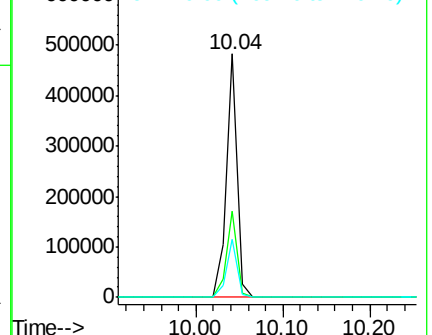
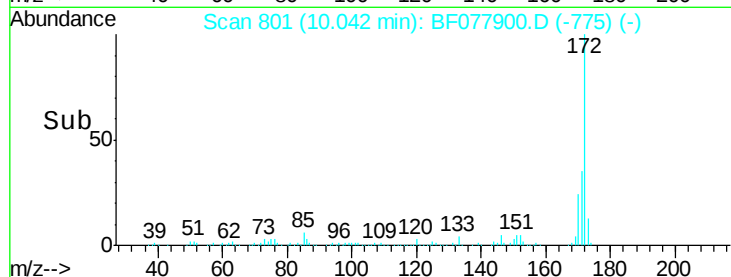
170 23.6 18.8 28.2



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



#49

Dimethylphthalate

Concen: 2.00 ng

RT: 10.55 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

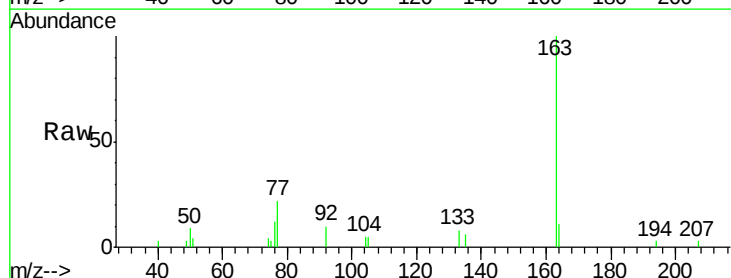
Tgt Ion:163 Resp: 11712

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

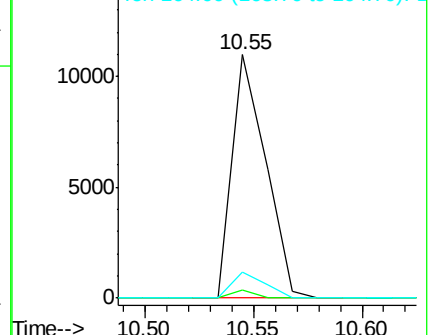
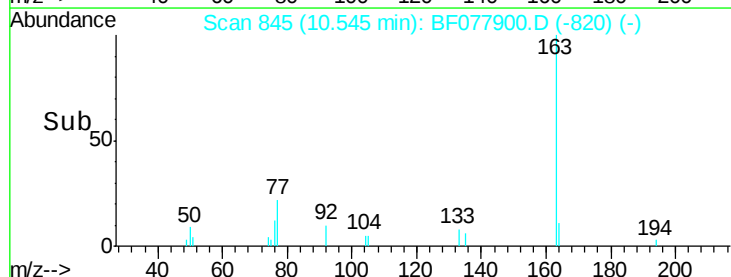
164 10.7 8.2 12.2

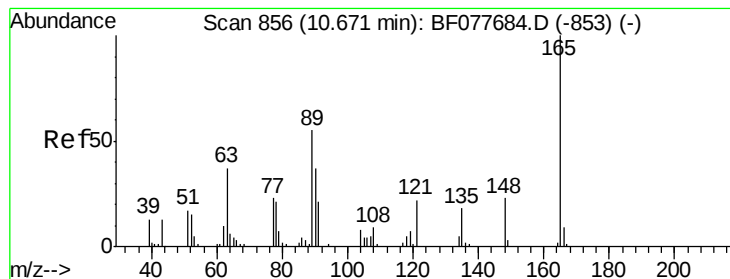


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.14 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

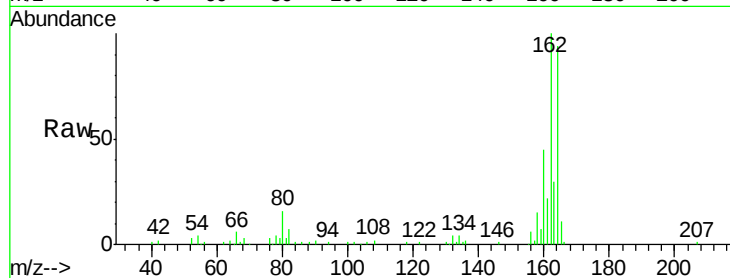
Tgt Ion:165 Resp: 9865

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

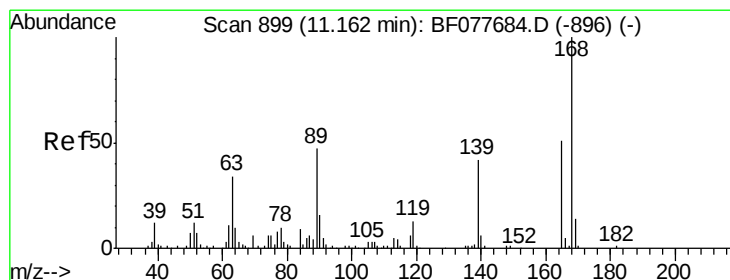
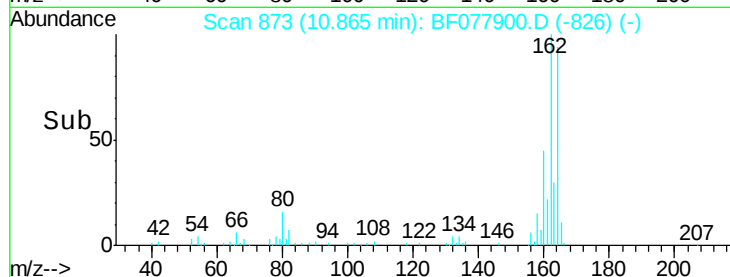
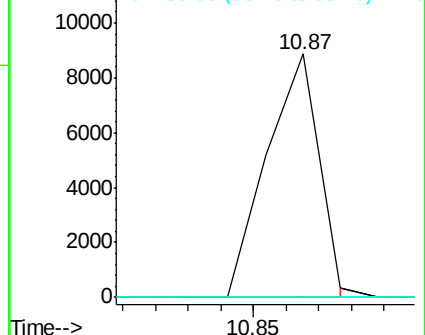
89 0.0 44.3 66.5#



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: 6.24 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.25 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Tgt Ion:165 Resp: 9865

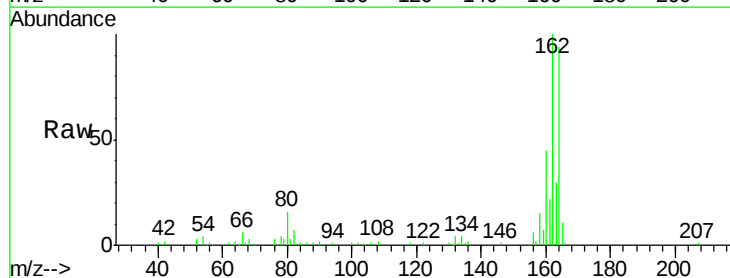
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

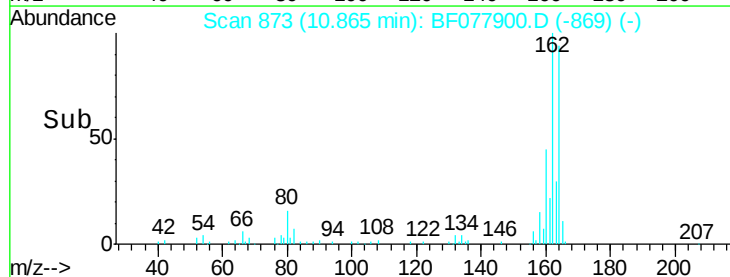
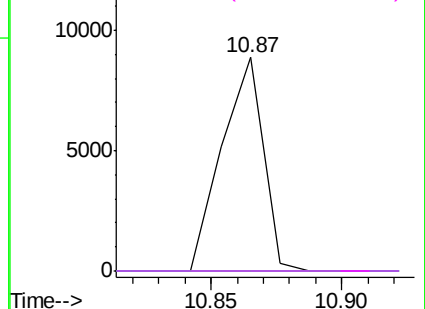


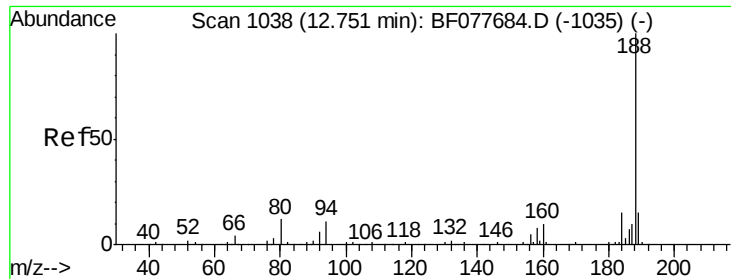
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

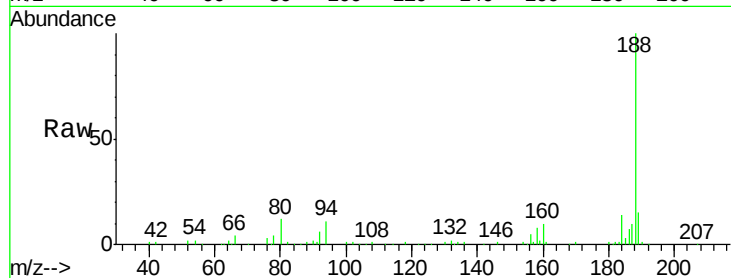




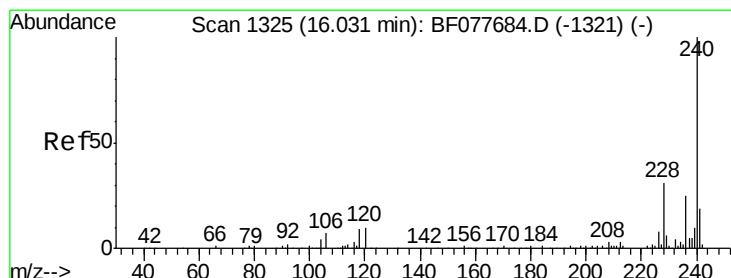
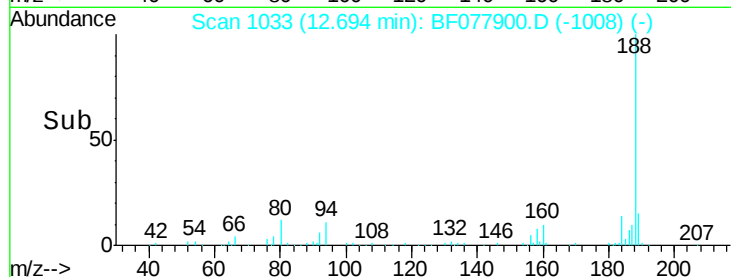
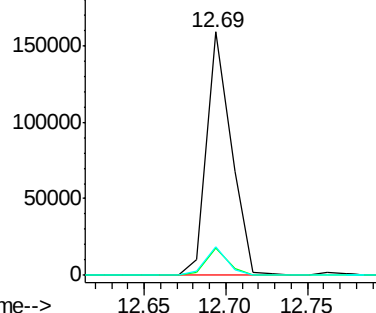
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077900.D
Acq: 23 Mar 2015 17:57

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-G1-G2-G3-G4

Tgt Ion:188 Resp: 165220
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.8 9.3 13.9

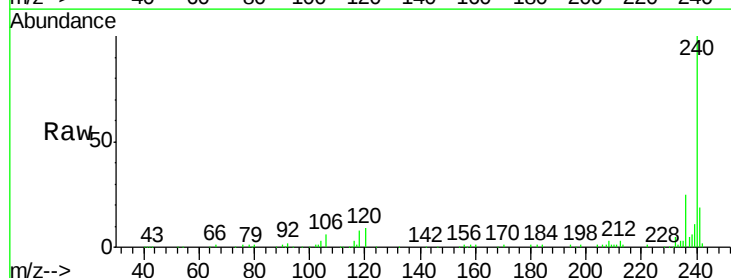


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

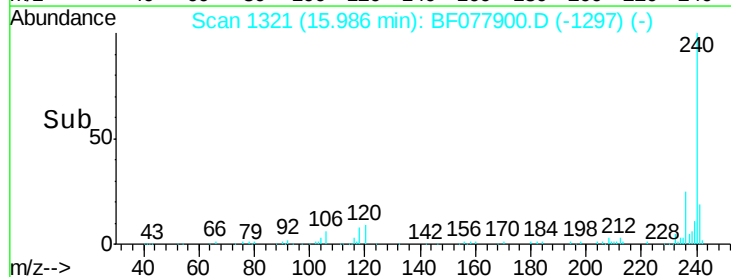
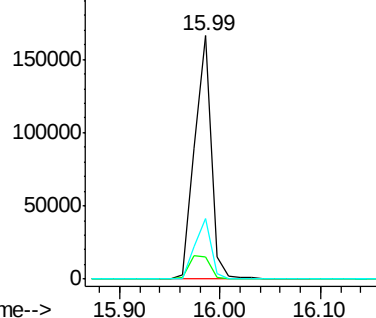


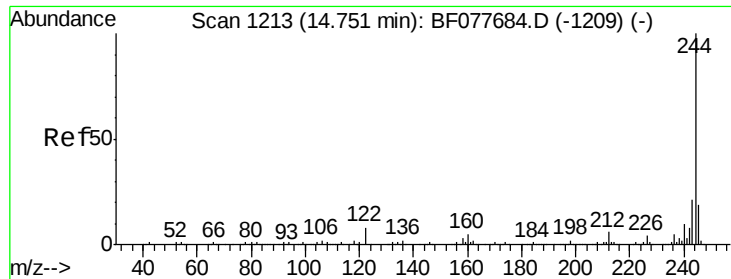
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077900.D
Acq: 23 Mar 2015 17:57

Tgt Ion:240 Resp: 190716
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 25.0 20.0 30.0



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: 62.47 ng

RT: 14.69 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

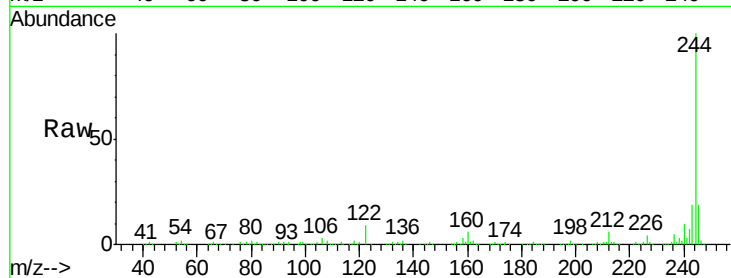
Tgt Ion:244 Resp: 487761

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

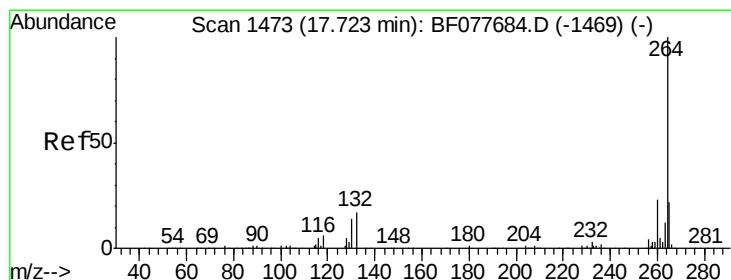
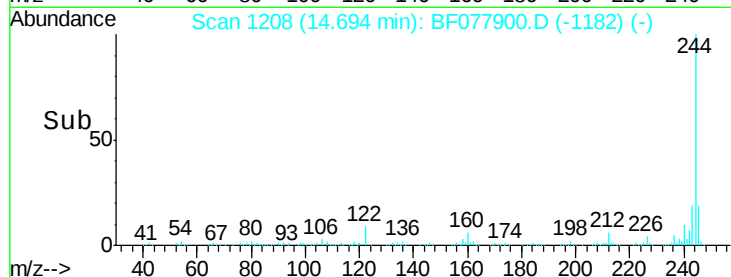
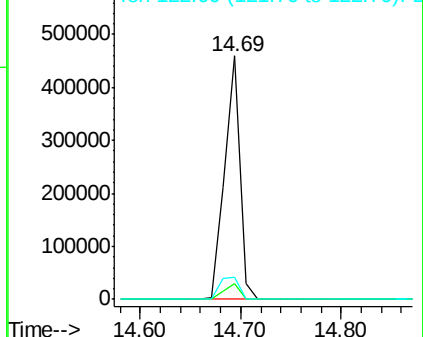
122 9.1 6.2 9.4



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: 17.76 min Scan# 1476

Delta R.T. -0.07 min

Lab File: BF077900.D

Acq: 23 Mar 2015 17:57

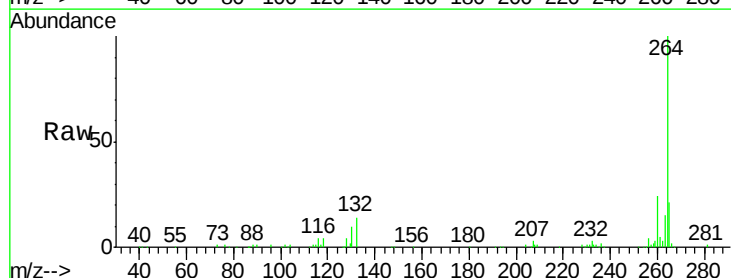
Tgt Ion:264 Resp: 183127

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 20.7 17.3 25.9



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

