

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082823.D
 Acq On : 8 Nov 2015 5:30
 Operator : UM/IZ
 Sample : G4261-02RE
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2RE

Quant Time: Nov 09 00:13:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

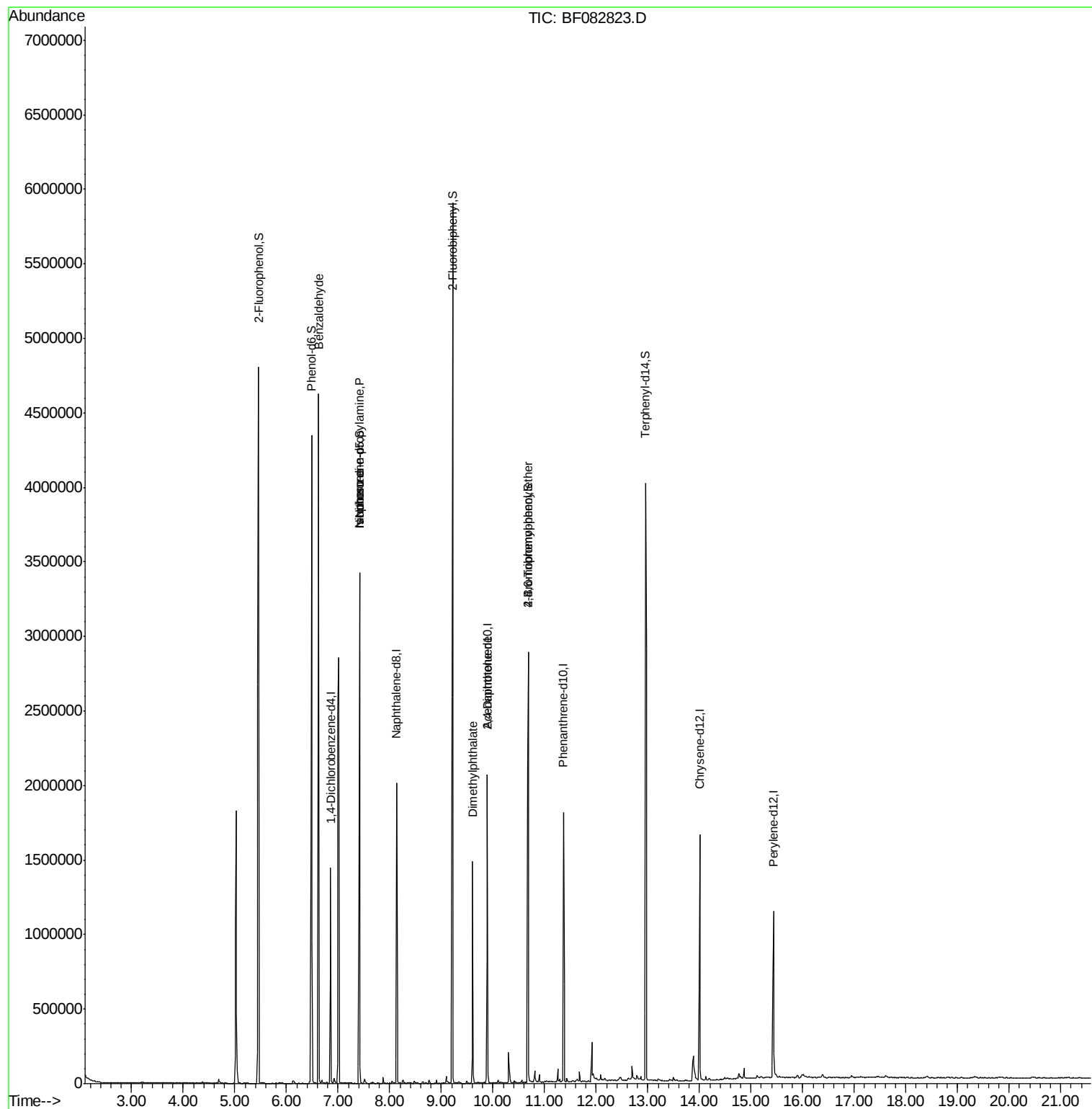
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	242956	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	835110	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	450772	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	701916	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	600678	20.00	ng	-0.01
86) Perylene-d12	15.44	264	546637	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1405072	89.98	ng	0.01
7) Phenol-d6	6.49	99	1662544	80.09	ng	0.01
23) Nitrobenzene-d5	7.41	82	1185732	61.78	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	438973	84.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1951064	62.03	ng	0.00
78) Terphenyl-d14	12.96	244	1696613	66.99	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	39310	3.43	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.41	70	162715	10.66	ng	# 70
25) Isophorone	7.41	82	1157499	32.60	ng	# 69
49) Dimethylphthalate	9.61	163	502143	13.60	ng	98
56) 2,4-Dinitrotoluene	9.89	165	57334	5.36	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	31344	3.71	ng	# 1

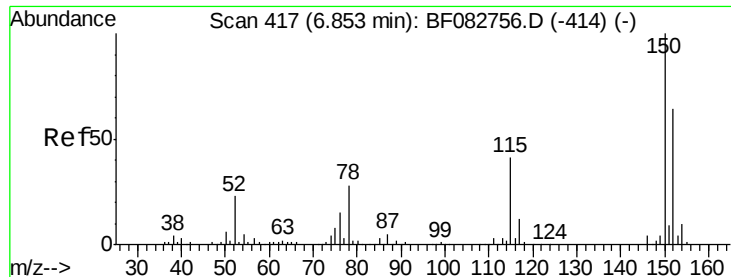
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SB-2RE

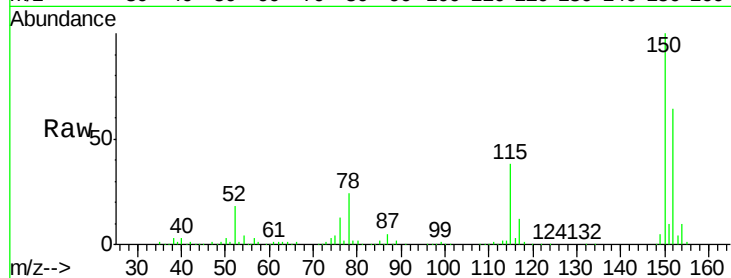
Tgt Ion:152 Resp: 242956

Ion Ratio Lower Upper

152 100

150 155.0 127.0 190.4

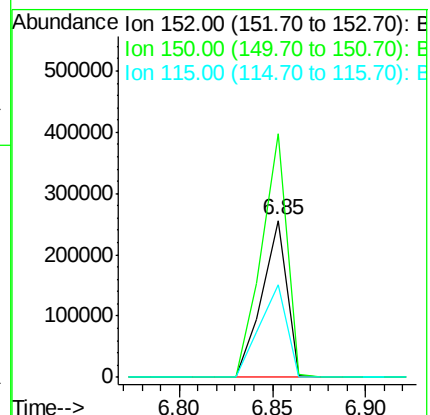
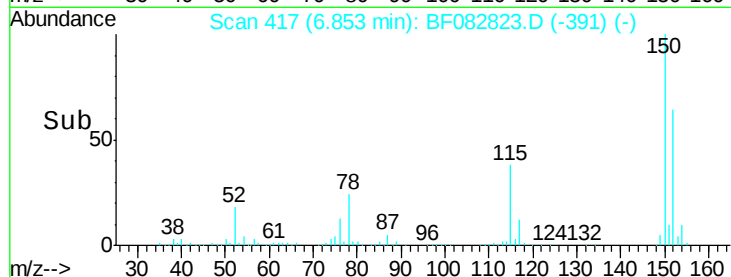
115 59.0 47.0 70.6



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: 89.98 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

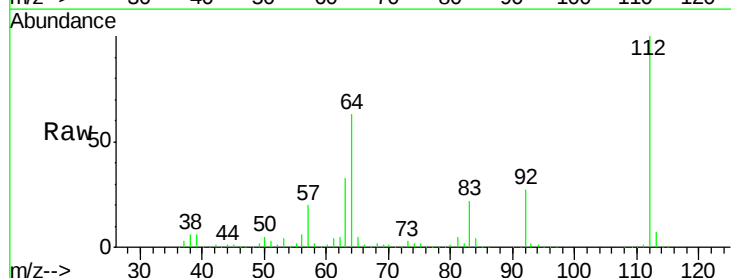
Tgt Ion:112 Resp: 1405072

Ion Ratio Lower Upper

112 100

64 63.5 48.9 73.3

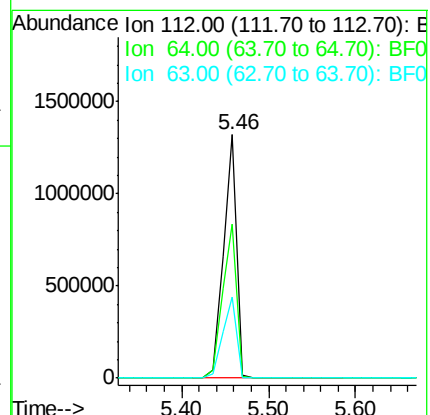
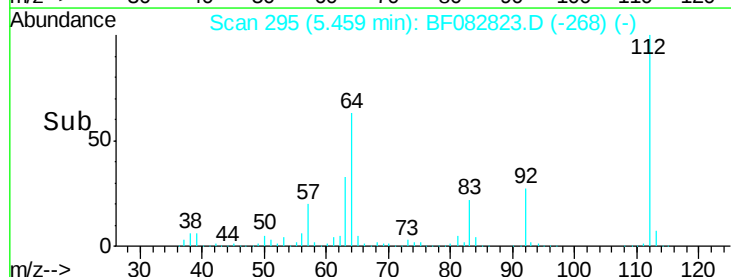
63 33.2 28.1 42.1



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: 80.09 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SB-2RE

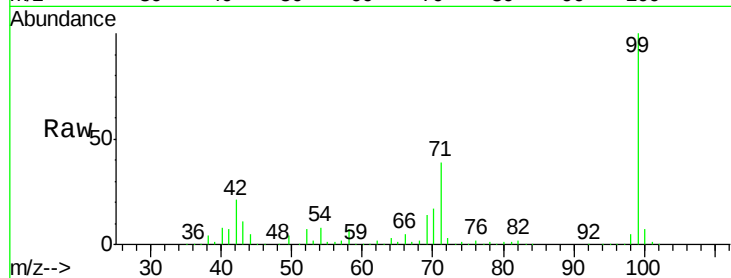
Tgt Ion: 99 Resp: 1662544

Ion Ratio Lower Upper

99 100

42 21.4 19.2 28.8

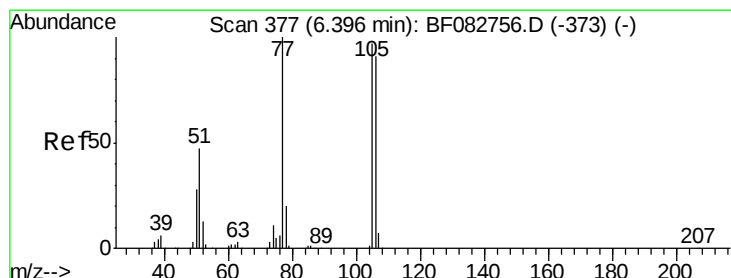
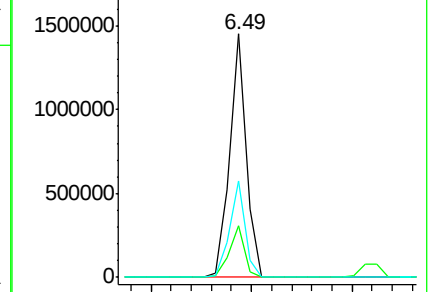
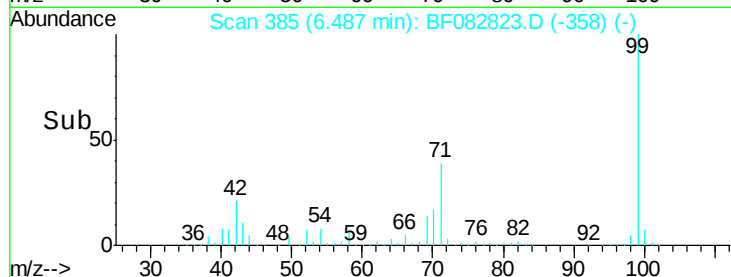
71 39.5 35.0 52.4



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: 3.43 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

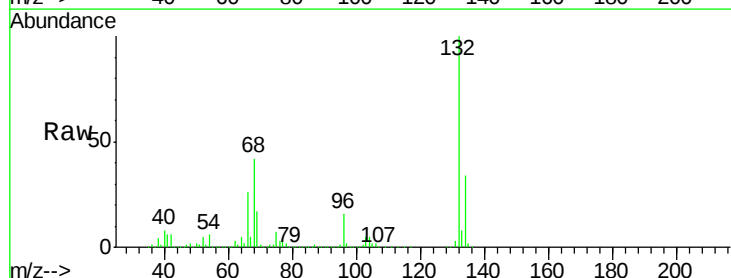
Tgt Ion: 77 Resp: 39310

Ion Ratio Lower Upper

77 100

105 81.3 63.5 103.5

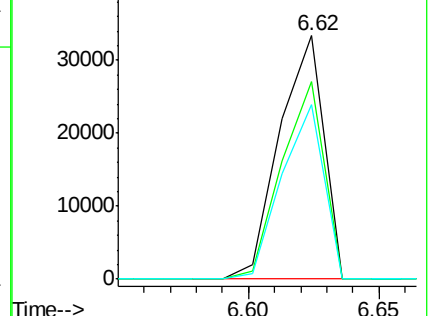
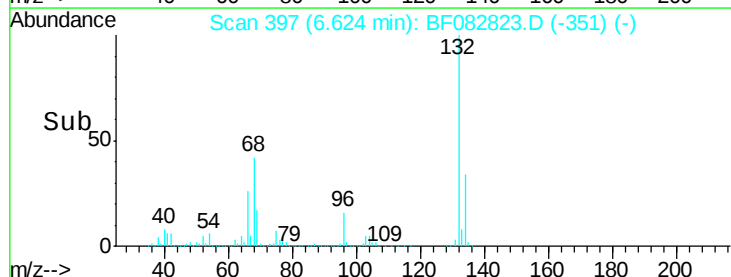
106 71.6 59.3 99.3

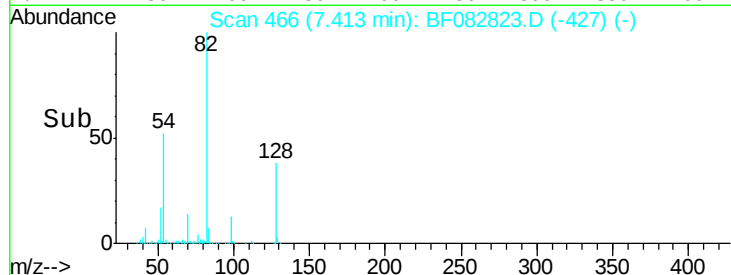
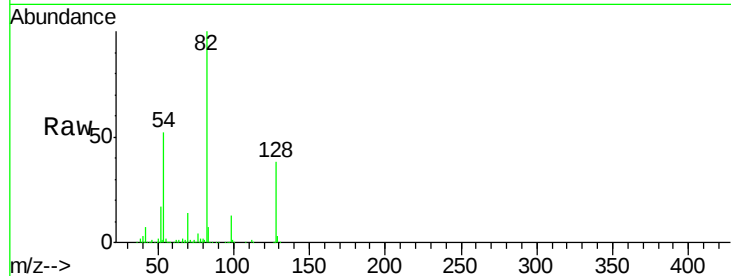


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

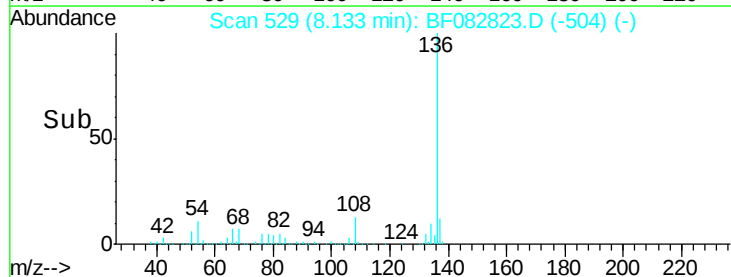
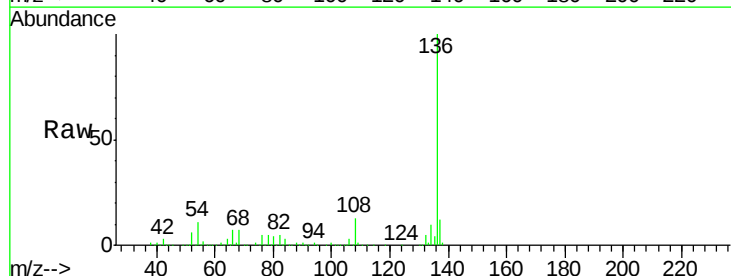
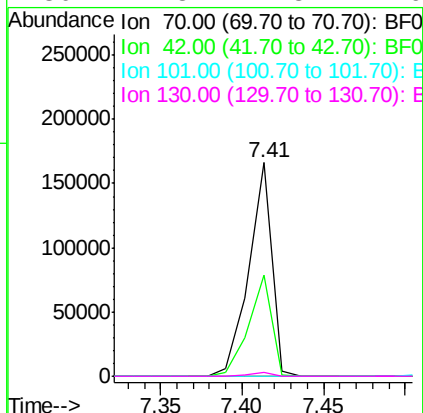




#19
n-Nitroso-di-n-propylamine
Concen: 10.66 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082823.D
Acq: 8 Nov 2015 5:30

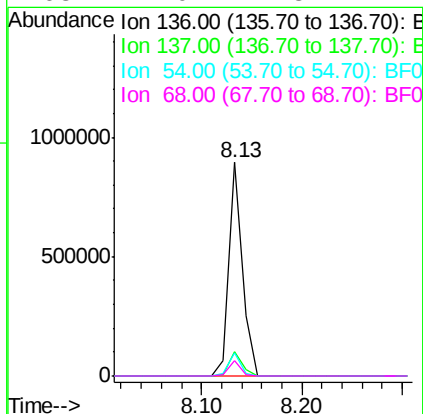
Instrument :
BNA_F
ClientSampleId :
SB-2RE

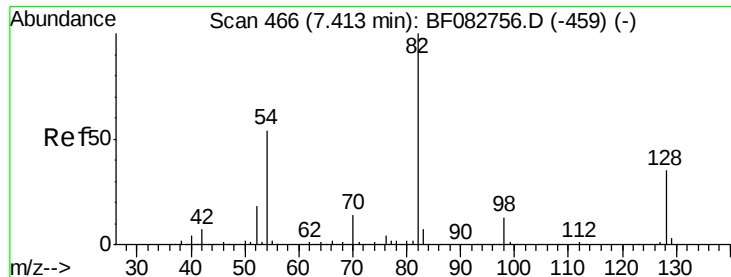
Tgt Ion: 70 Resp: 162715
Ion Ratio Lower Upper
70 100
42 47.3 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082823.D
Acq: 8 Nov 2015 5:30

Tgt Ion: 136 Resp: 835110
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.7 9.1 13.7
68 7.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 61.78 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SB-2RE

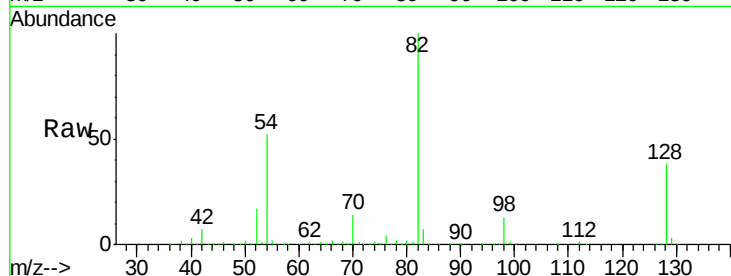
Tgt Ion: 82 Resp: 1185732

Ion Ratio Lower Upper

82 100

128 37.9 26.8 40.2

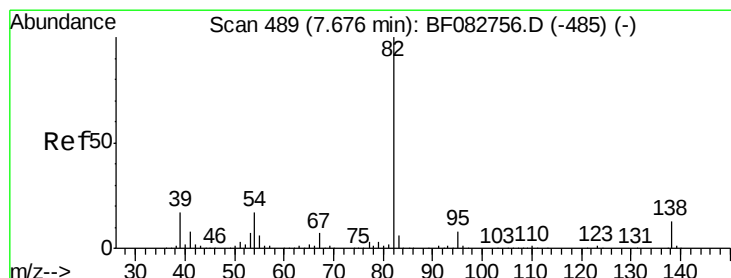
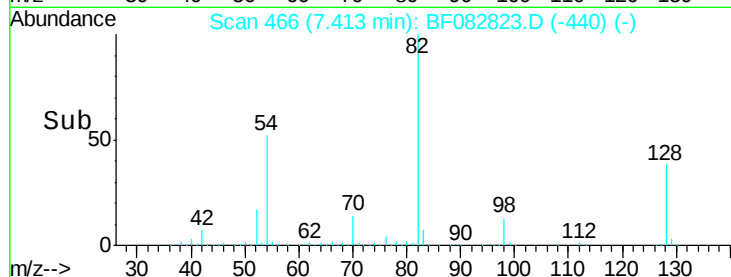
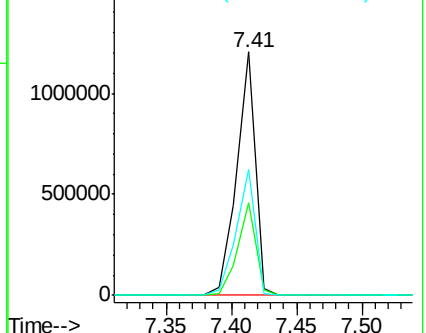
54 51.8 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 32.60 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

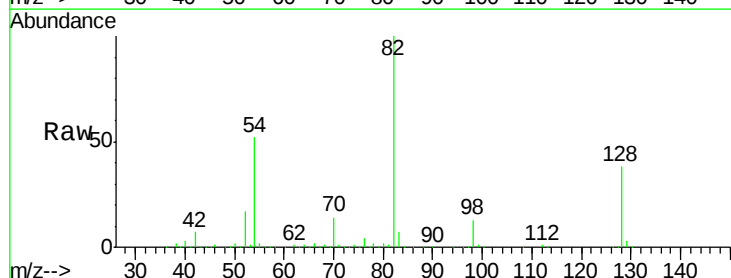
Tgt Ion: 82 Resp: 1157499

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

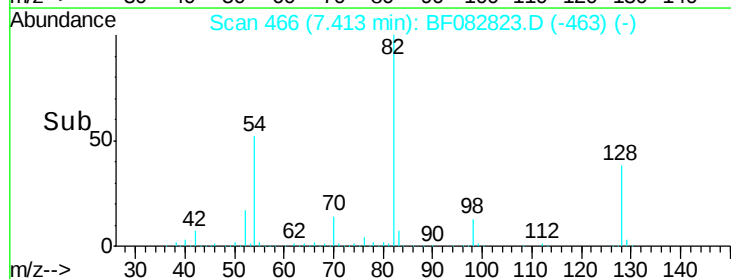
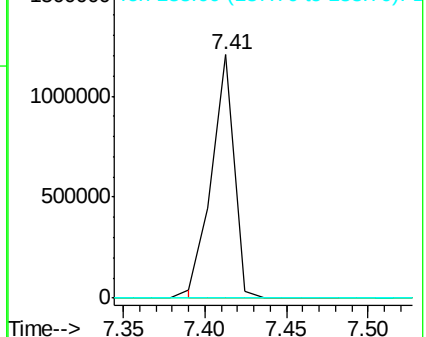
138 0.0 11.4 17.0#

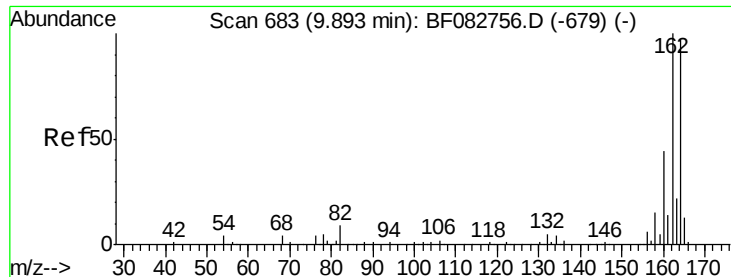


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SB-2RE

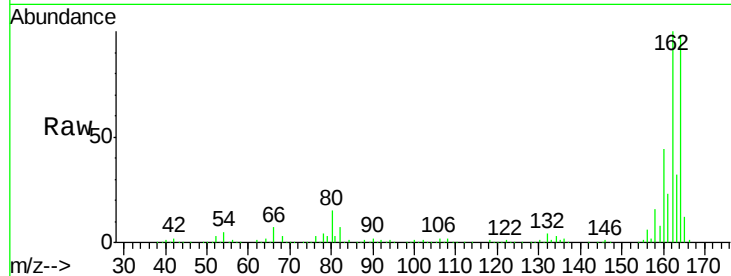
Tgt Ion:164 Resp: 450772

Ion Ratio Lower Upper

164 100

162 101.8 84.9 127.3

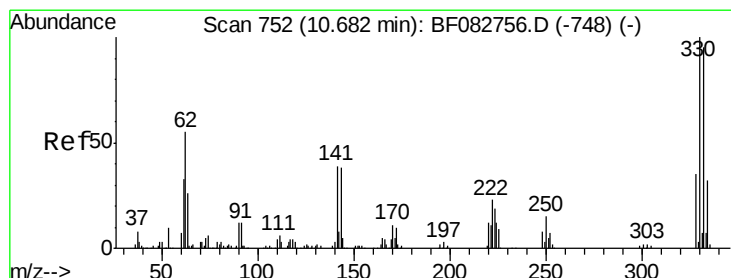
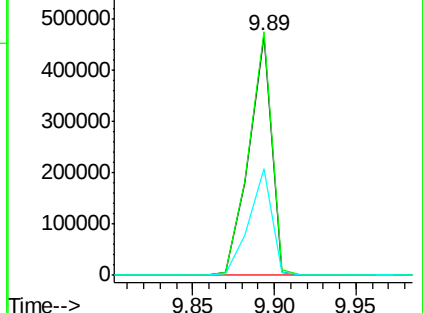
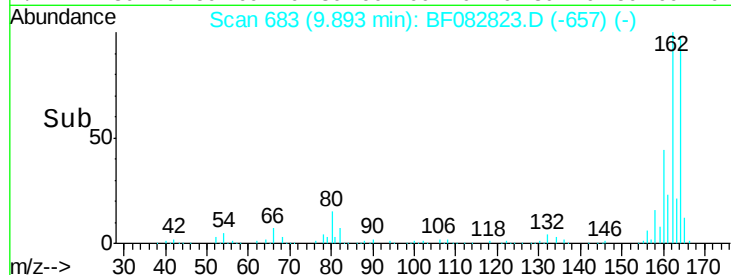
160 44.7 37.5 56.3



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: 84.93 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

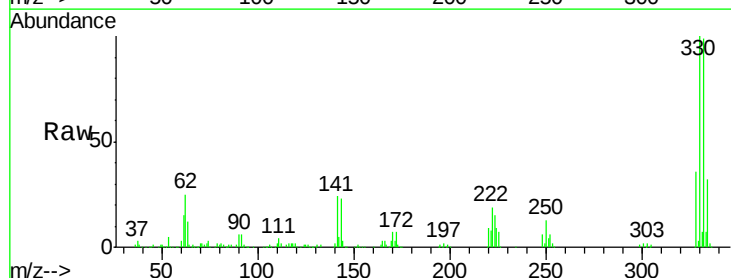
Tgt Ion:330 Resp: 438973

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

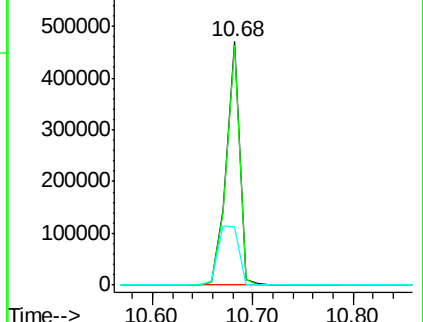
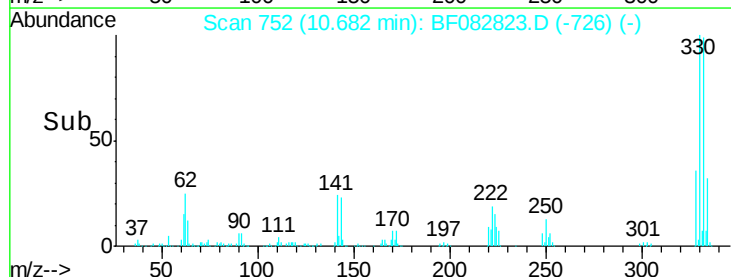
141 37.3 41.2 61.8#

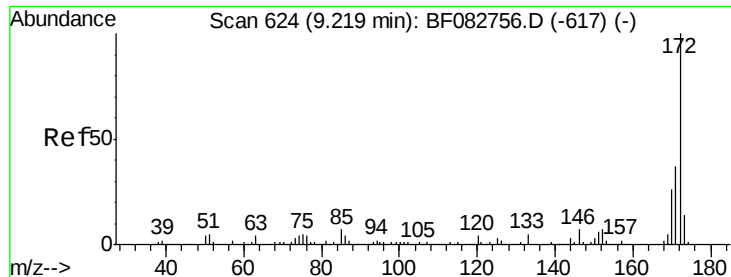


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

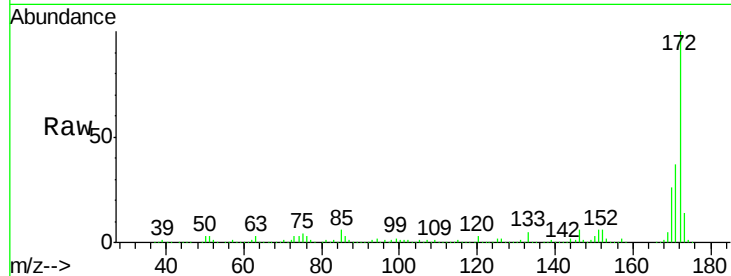




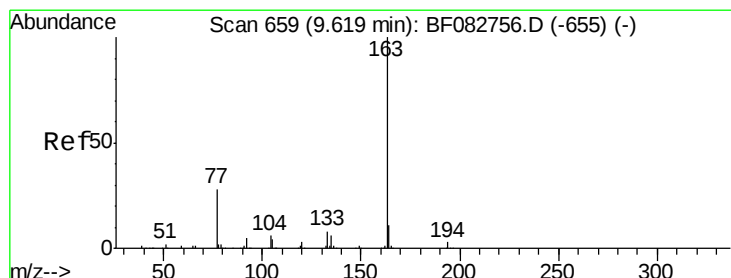
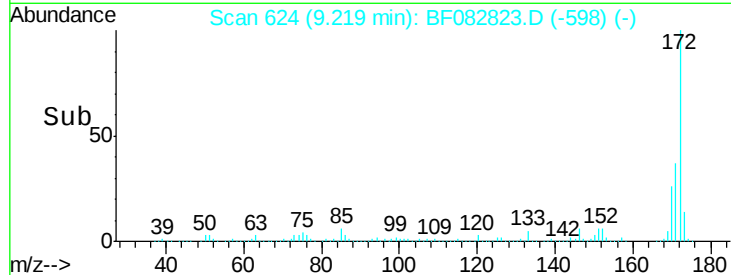
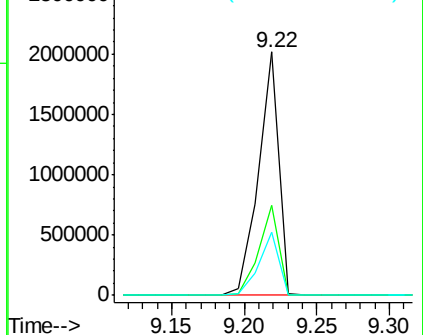
#44
 2-Fluorobiphenyl
 Concen: 62.03 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082823.D
 Acq: 8 Nov 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-2RE

Tgt Ion:172 Resp: 1951064
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.7 21.2 31.8

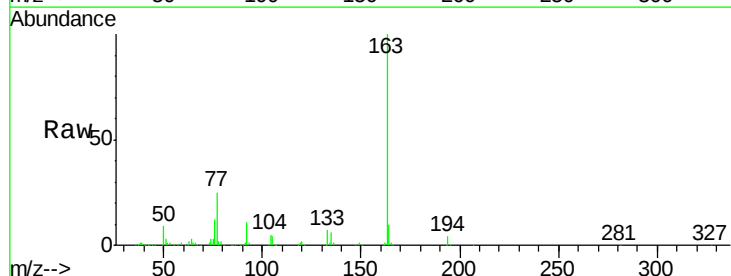


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

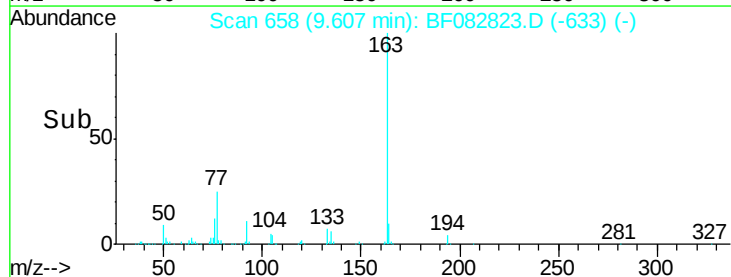
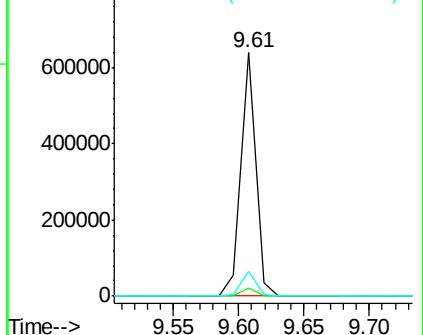


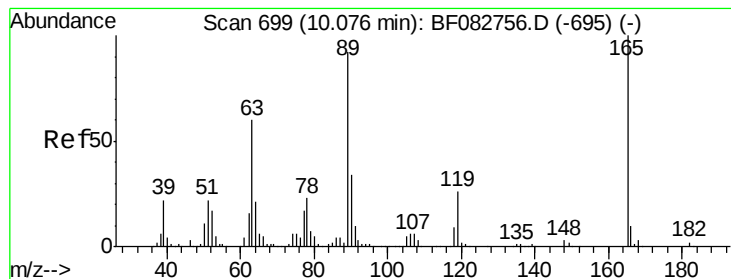
#49
 Dimethylphthalate
 Concen: 13.60 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082823.D
 Acq: 8 Nov 2015 5:30

Tgt Ion:163 Resp: 502143
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.2 8.7 13.1



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





#56

2,4-Dinitrotoluene

Concen: 5.36 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.18 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SB-2RE

Tgt Ion:165 Resp: 57334

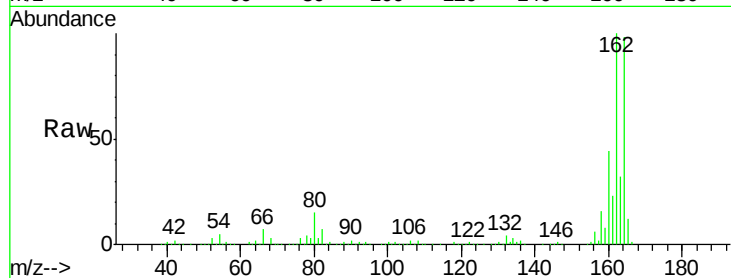
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.7 70.6 106.0#

182 0.0 1.5 2.3#

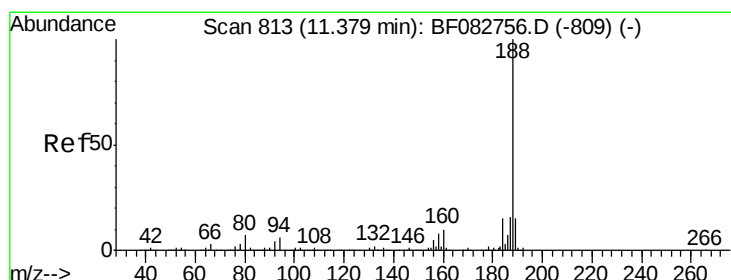
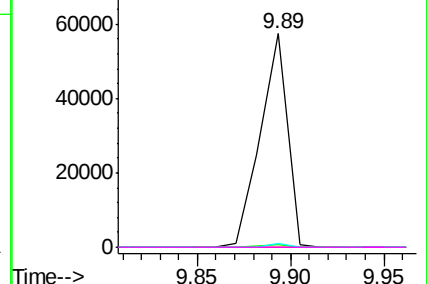
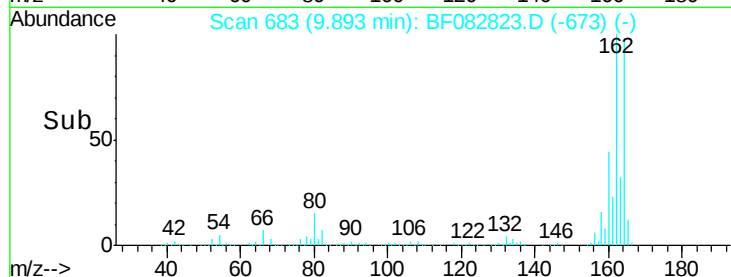


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

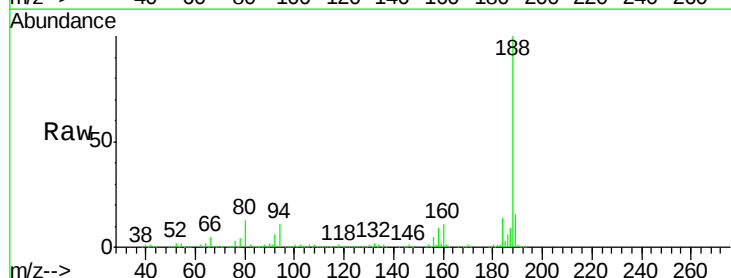
Tgt Ion:188 Resp: 701916

Ion Ratio Lower Upper

188 100

94 11.2 6.1 9.1#

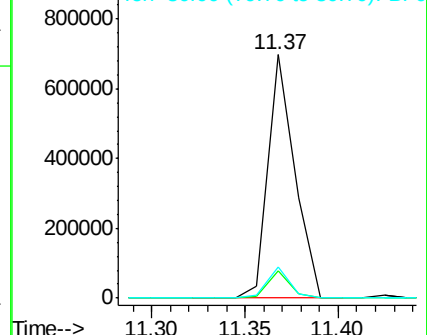
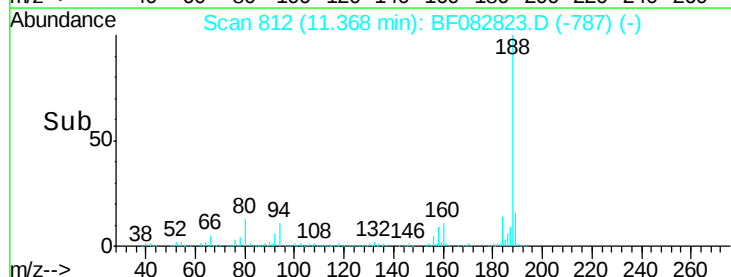
80 12.9 7.0 10.6#

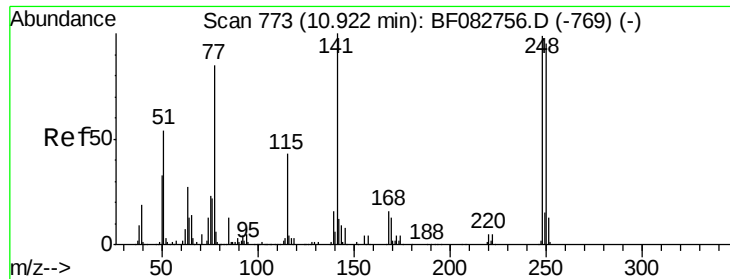


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

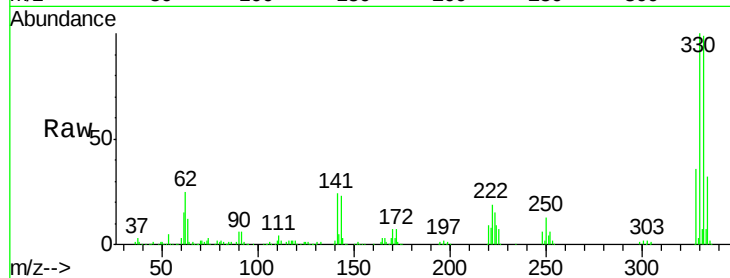




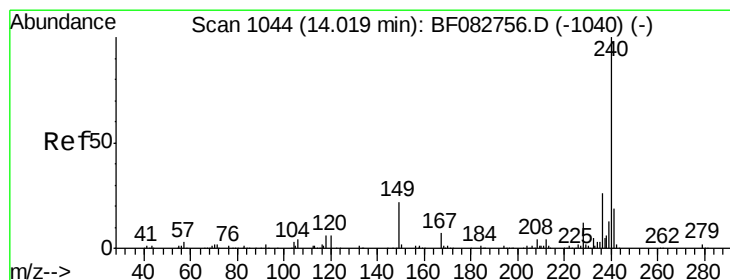
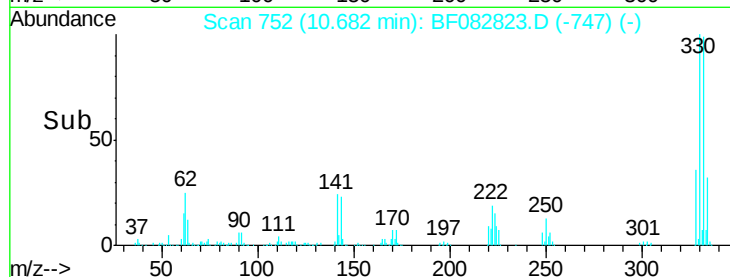
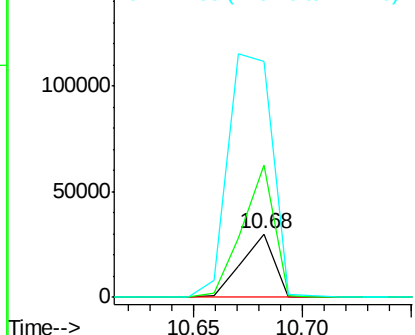
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082823.D
Acq: 8 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
SB-2RE

Tgt Ion:248 Resp: 31344
Ion Ratio Lower Upper
248 100
250 207.3 79.4 119.2#
141 370.4 36.3 54.5#

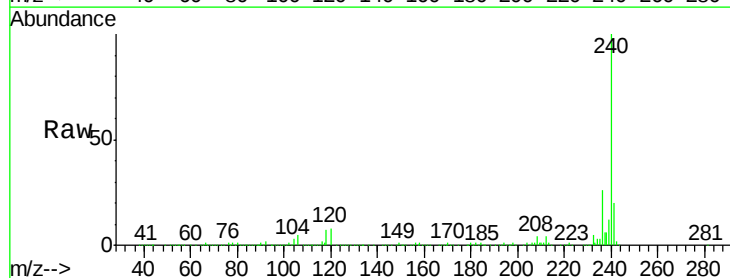


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

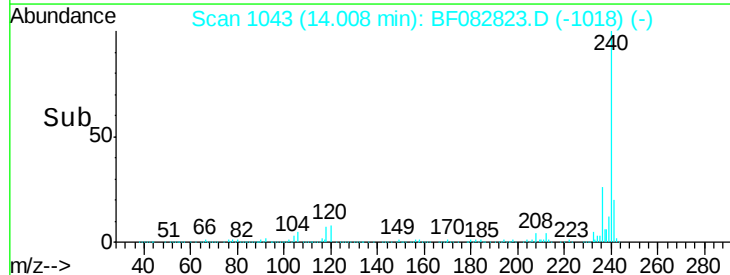
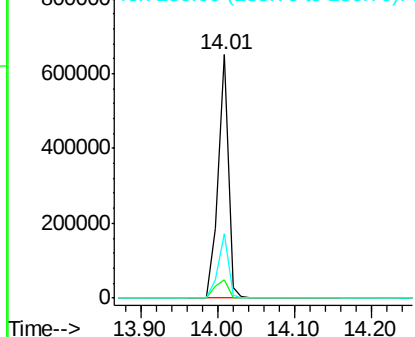


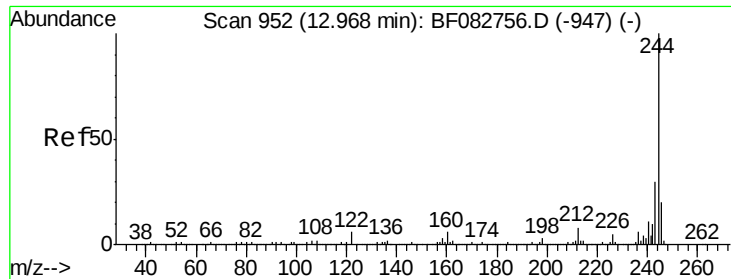
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082823.D
Acq: 8 Nov 2015 5:30

Tgt Ion:240 Resp: 600678
Ion Ratio Lower Upper
240 100
120 7.5 10.9 16.3#
236 26.5 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





#78

Terphenyl-d14

Concen: 66.99 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SB-2RE

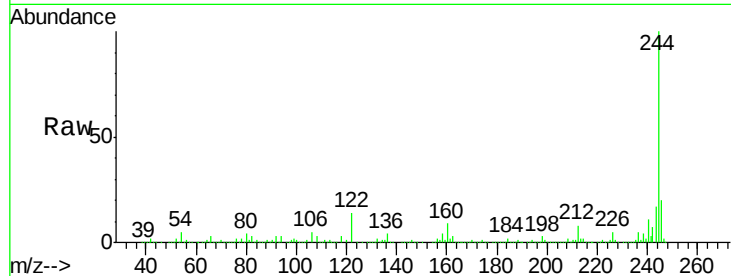
Tgt Ion:244 Resp: 1696613

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

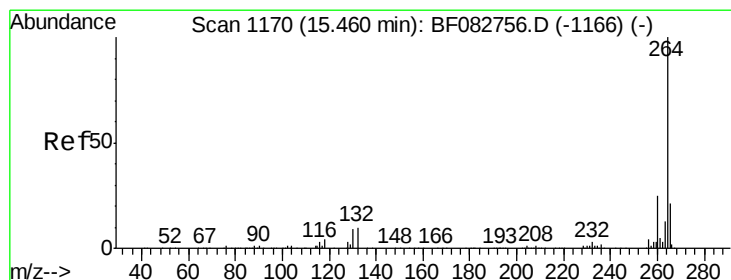
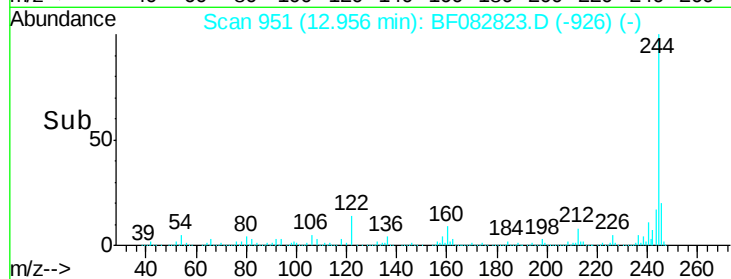
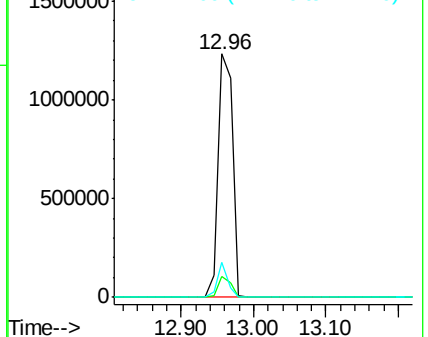
122 14.4 11.3 16.9



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: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082823.D

Acq: 8 Nov 2015 5:30

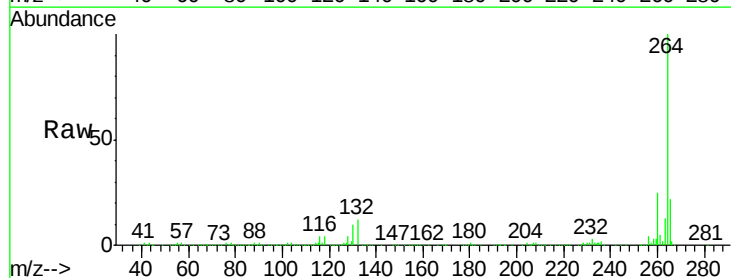
Tgt Ion:264 Resp: 546637

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.8 17.4 26.0



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

