

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082714.D
 Acq On : 4 Nov 2015 21:38
 Operator : UM/IZ
 Sample : G4241-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(10-12)

Quant Time: Nov 04 23:25:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

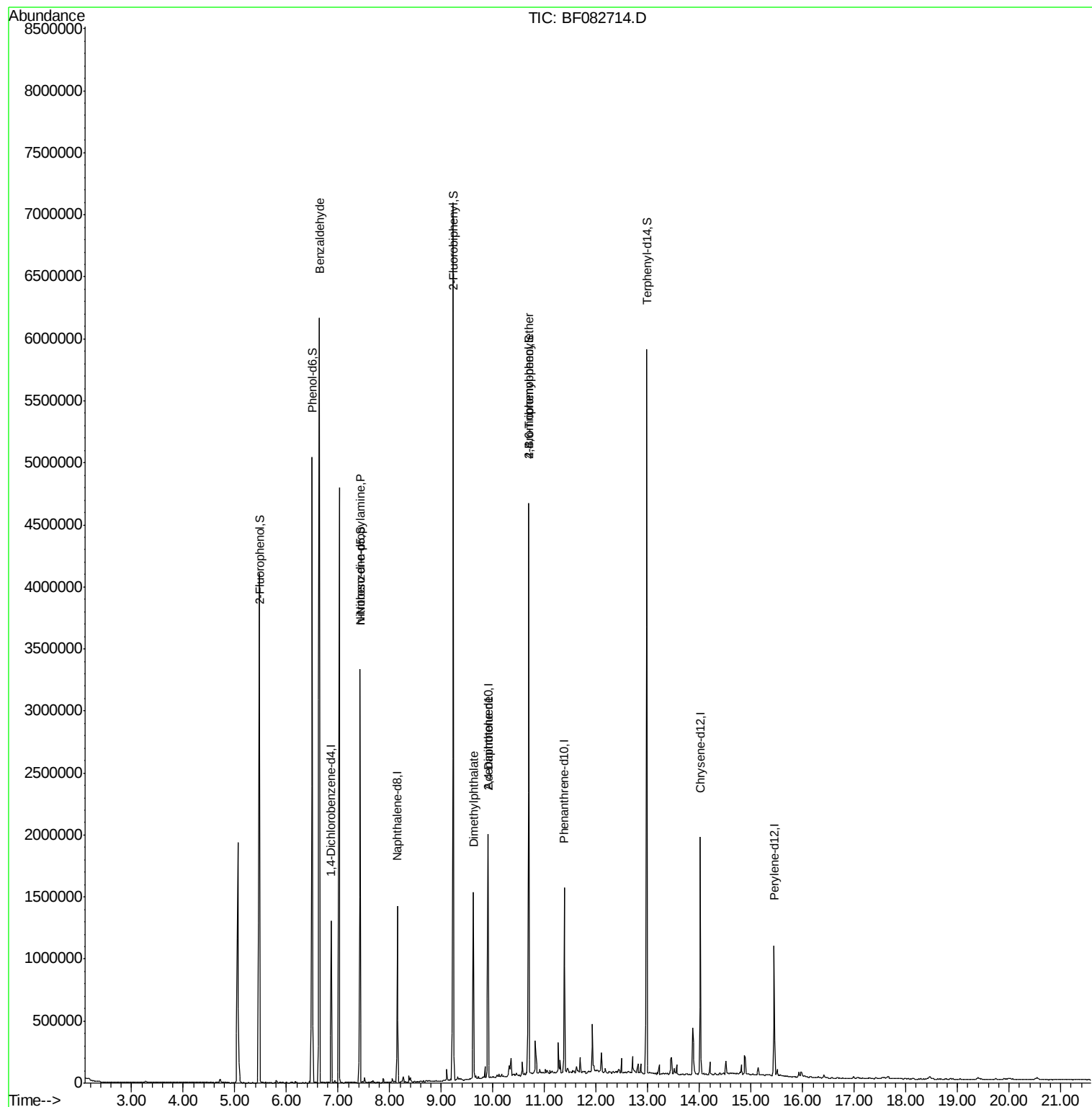
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187320	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	671439	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	403614	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	669903	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	651788	20.00	ng	-0.03
86) Perylene-d12	15.45	264	477283	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1675871	134.75	ng	0.01
7) Phenol-d6	6.50	99	1891185	114.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1300939	79.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	565498	128.02	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2164525	76.14	ng	-0.02
78) Terphenyl-d14	12.98	244	2188618	73.49	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	50689	4.49	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	181206	14.47	ng	# 71
49) Dimethylphthalate	9.62	163	542282	16.45	ng	99
56) 2,4-Dinitrotoluene	9.90	165	53735	5.82	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	43340	5.71	ng	# 1

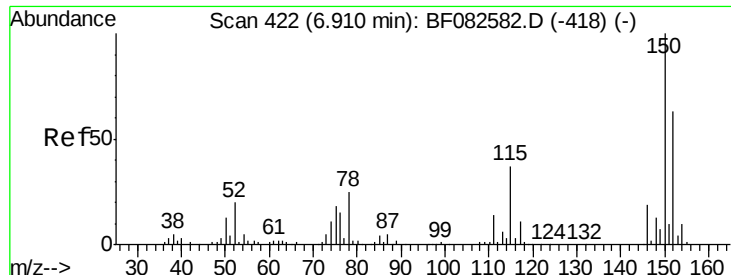
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

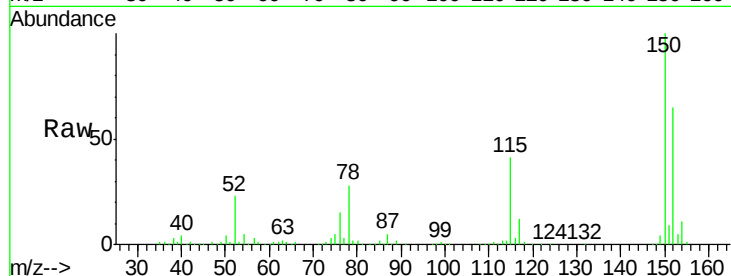
Tgt Ion:152 Resp: 187320

Ion Ratio Lower Upper

152 100

150 153.3 127.0 190.4

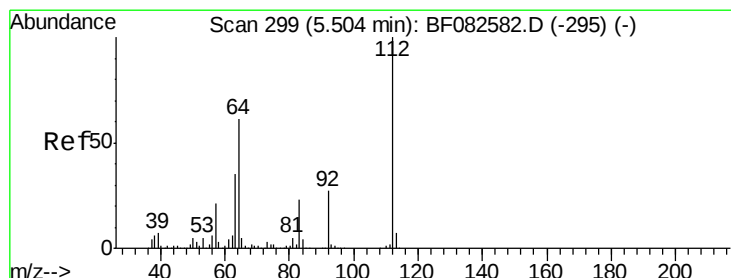
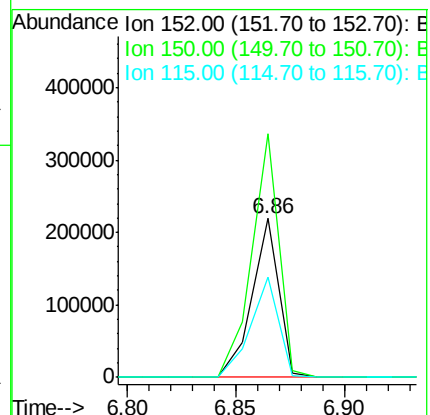
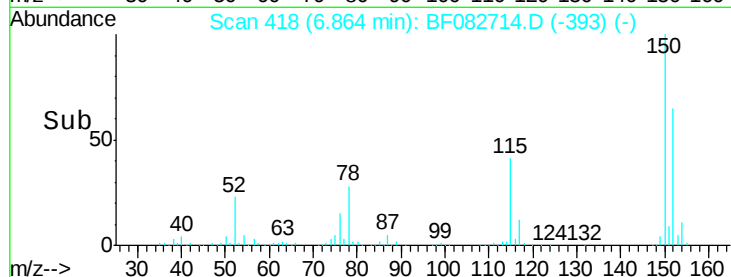
115 62.9 47.0 70.6



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: 134.75 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

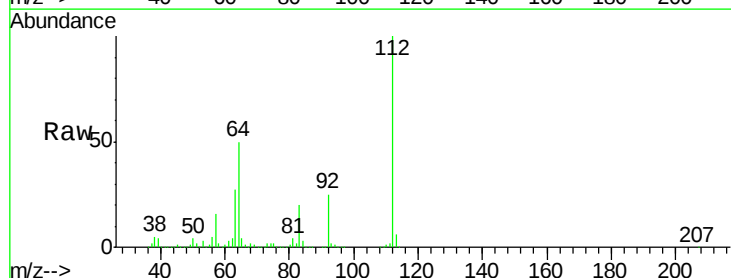
Tgt Ion:112 Resp: 1675871

Ion Ratio Lower Upper

112 100

64 50.1 48.9 73.3

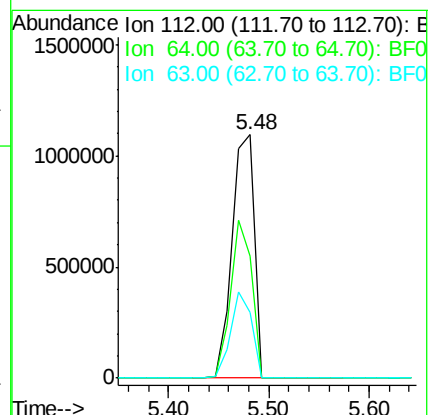
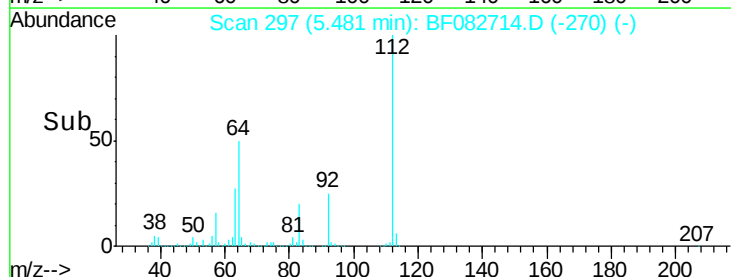
63 27.0 28.1 42.1#



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: 114.46 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

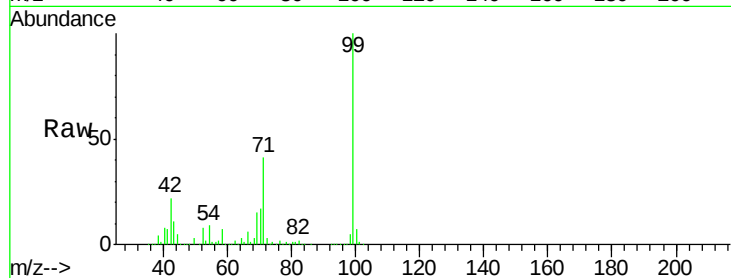
Tgt Ion: 99 Resp: 1891185

Ion Ratio Lower Upper

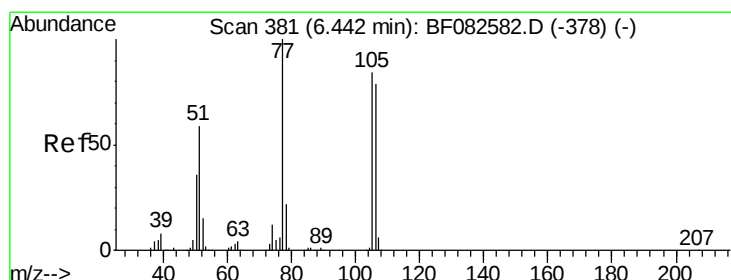
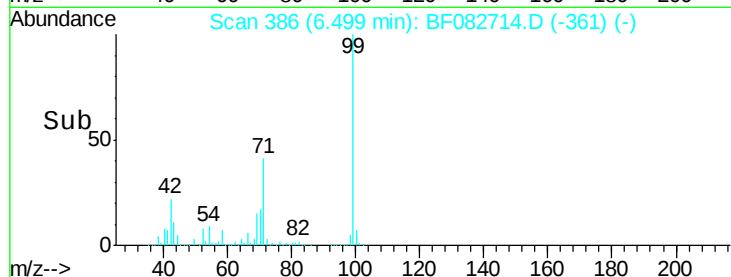
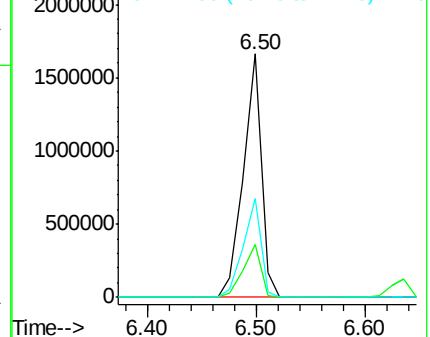
99 100

42 21.8 19.2 28.8

71 40.9 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: 4.49 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

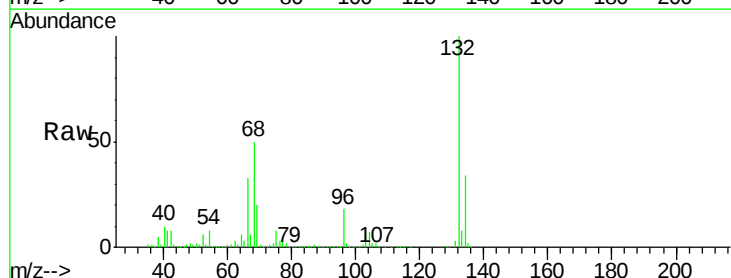
Tgt Ion: 77 Resp: 50689

Ion Ratio Lower Upper

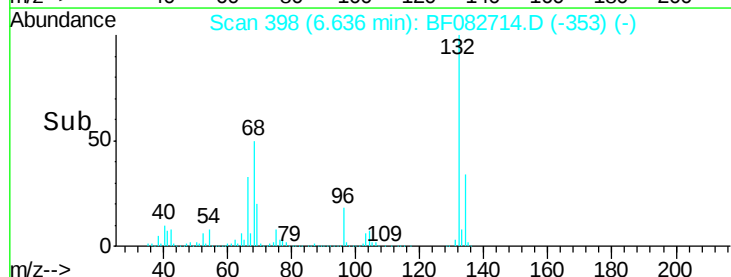
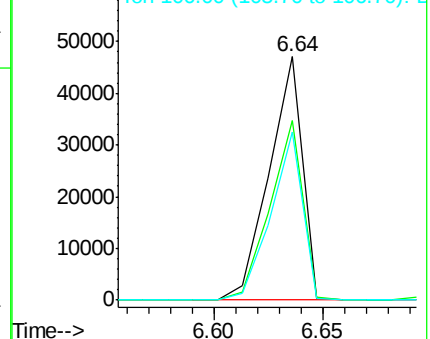
77 100

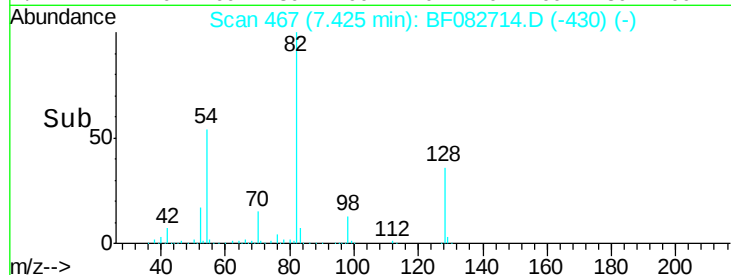
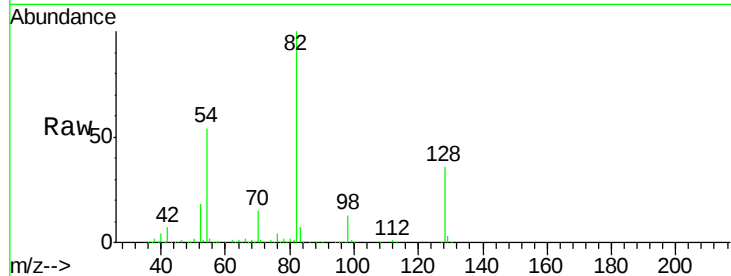
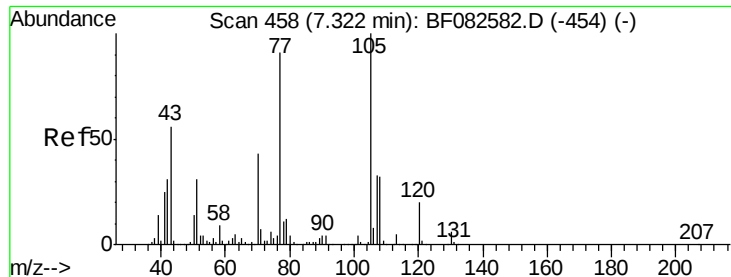
105 73.8 63.5 103.5

106 68.9 59.3 99.3



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

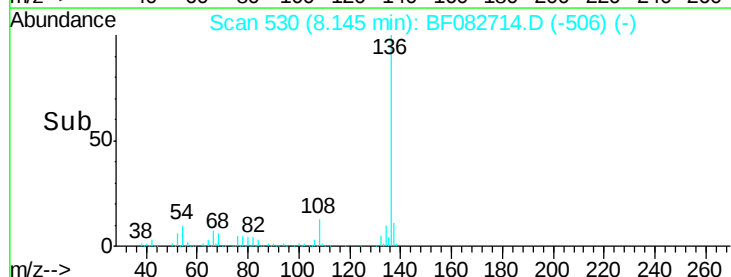
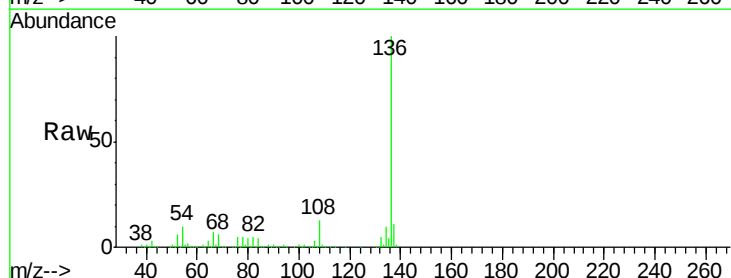
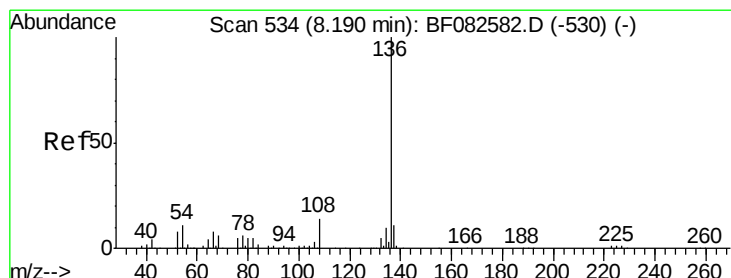
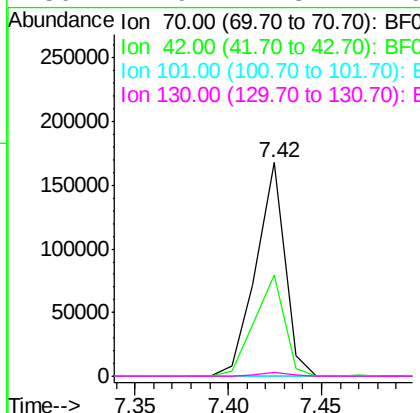




#19
n-Nitroso-di-n-propylamine
Concen: 14.47 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082714.D
Acq: 4 Nov 2015 21:38

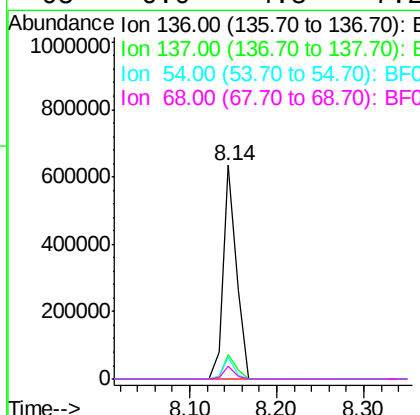
Instrument :
BNA_F
ClientSampleId :
SB-13(10-12)

Tgt Ion: 70 Resp: 181206
Ion Ratio Lower Upper
70 100
42 47.5 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082714.D
Acq: 4 Nov 2015 21:38

Tgt Ion: 136 Resp: 671439
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.3 9.1 13.7
68 6.0 4.8 7.2

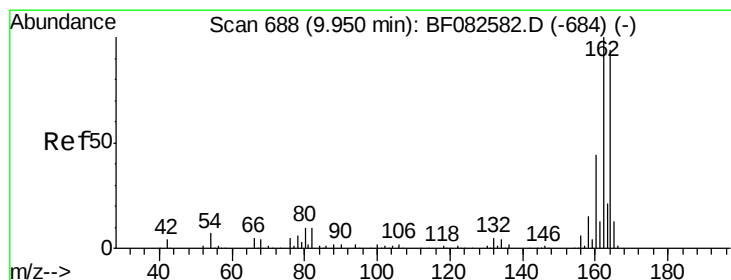
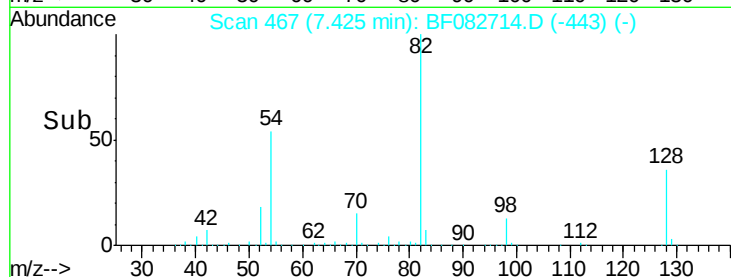
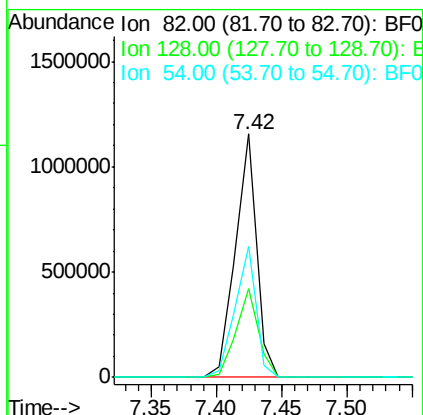
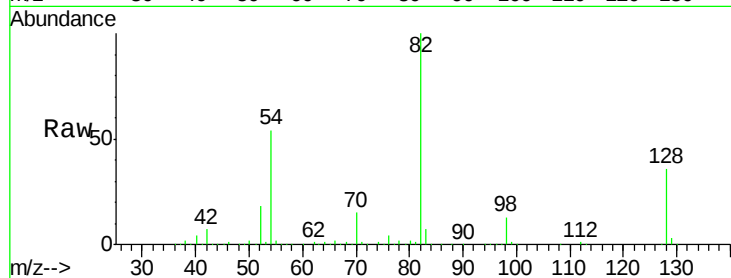




#23
 Nitrobenzene-d5
 Concen: 79.12 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

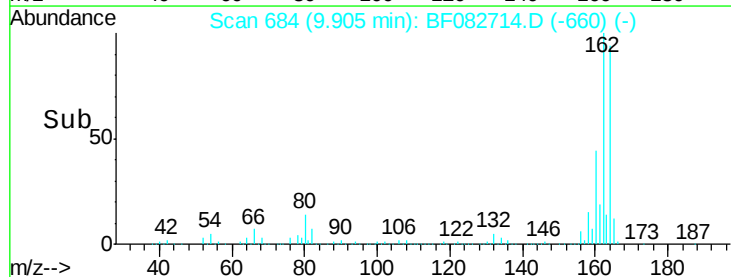
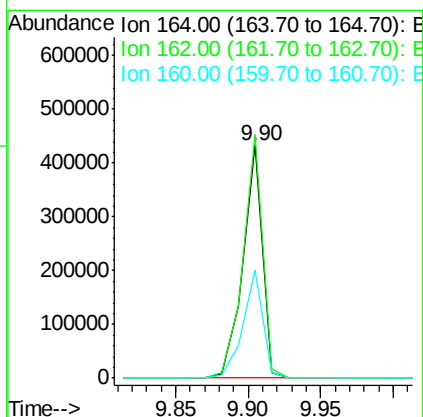
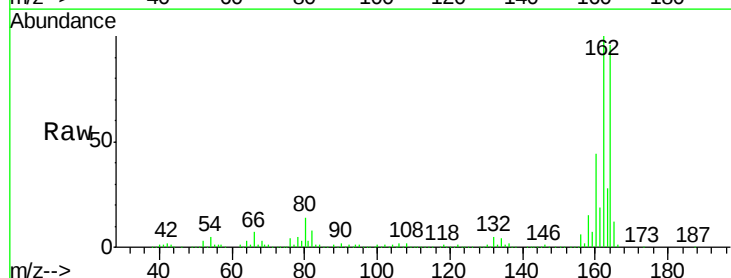
Instrument :
 BNA_F
 ClientSampleId :
 SB-13(10-12)

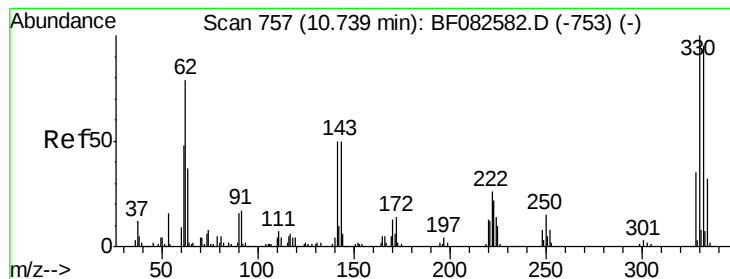
Tgt Ion: 82 Resp: 1300939
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 53.7 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082714.D
 Acq: 4 Nov 2015 21:38

Tgt Ion: 164 Resp: 403614
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.9 127.3
 160 46.4 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 128.02 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

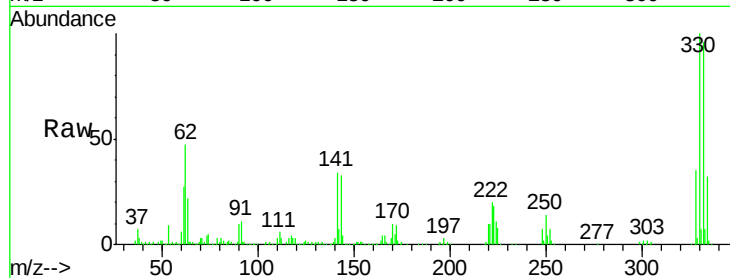
Tgt Ion:330 Resp: 565498

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

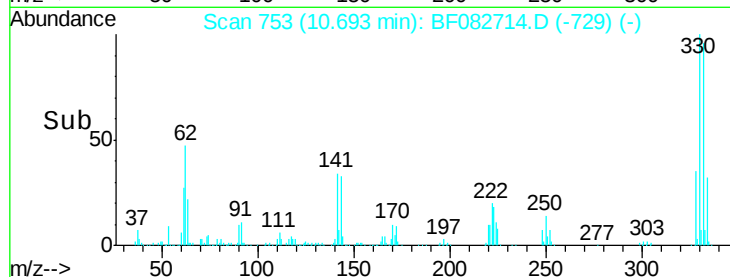
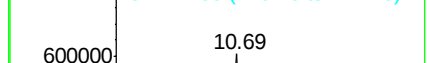
141 41.7 41.2 61.8



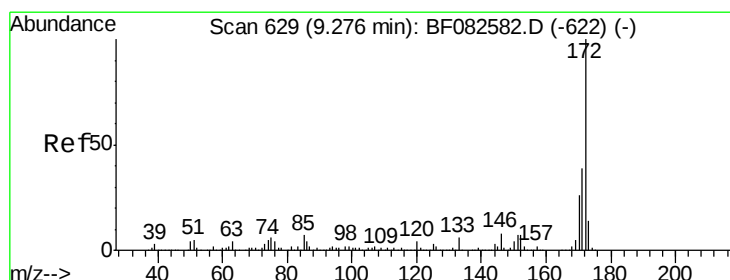
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 76.14 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

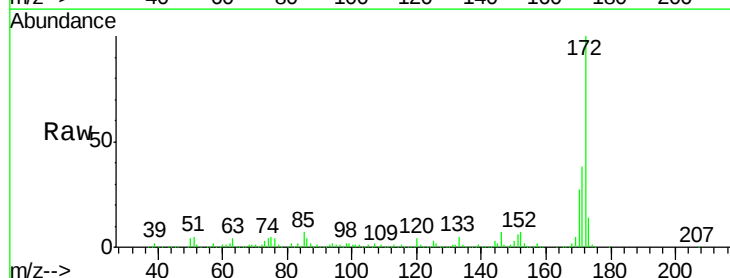
Tgt Ion:172 Resp: 2164525

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

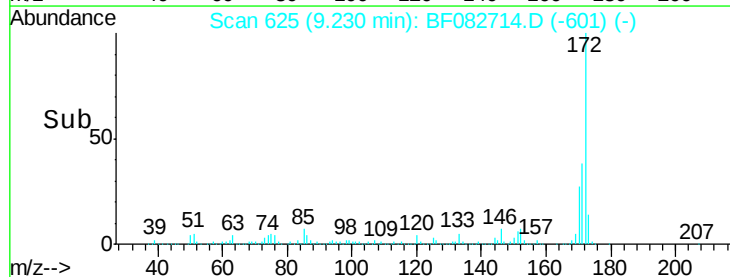
170 26.5 21.2 31.8



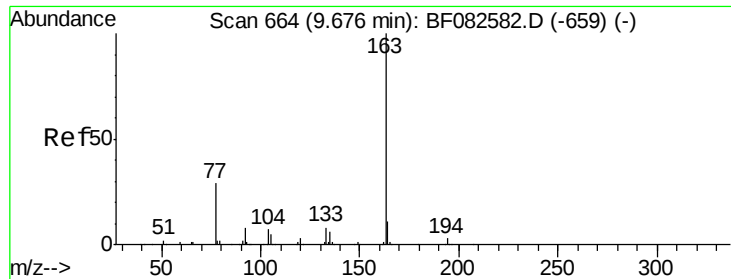
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



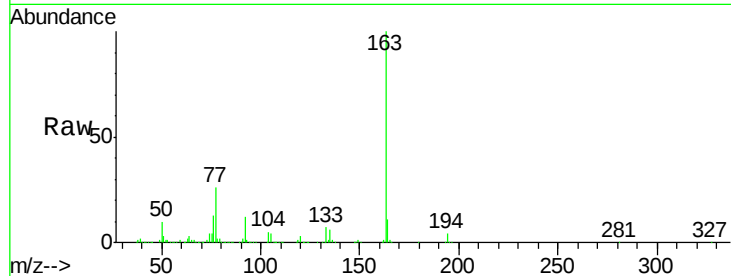
Time-->



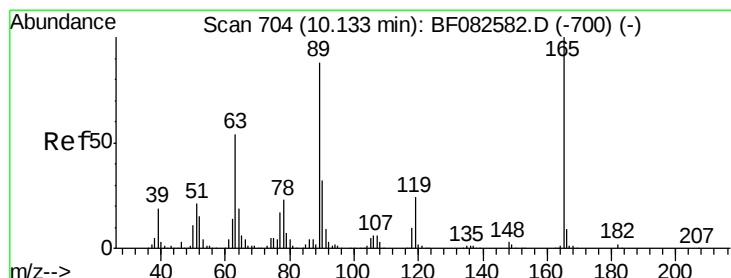
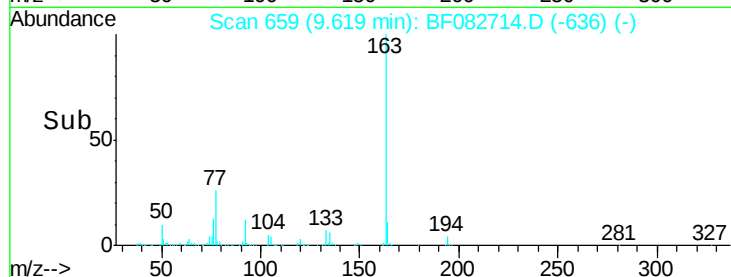
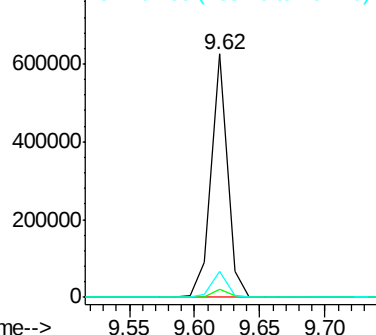
#49
Dimethylphthalate
Concen: 16.45 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082714.D
Acq: 4 Nov 2015 21:38

Instrument :
BNA_F
ClientSampleId :
SB-13(10-12)

Tgt Ion:163 Resp: 542282
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.6 8.7 13.1

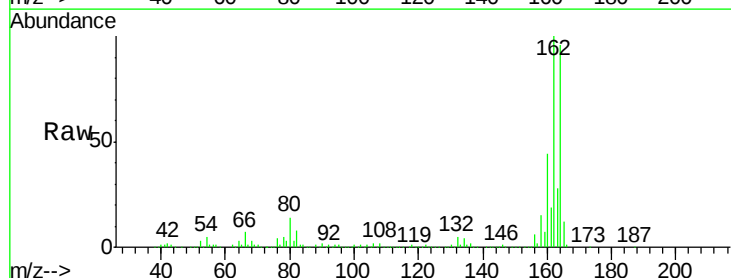


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

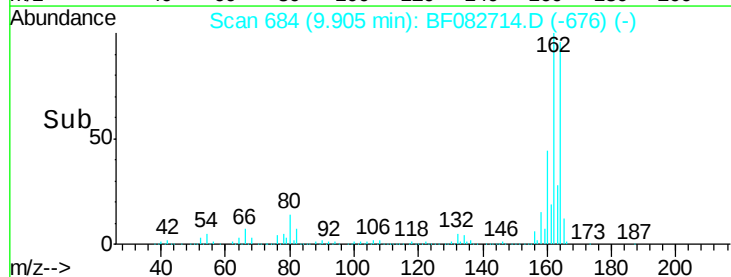
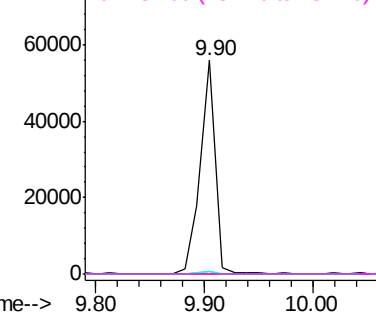


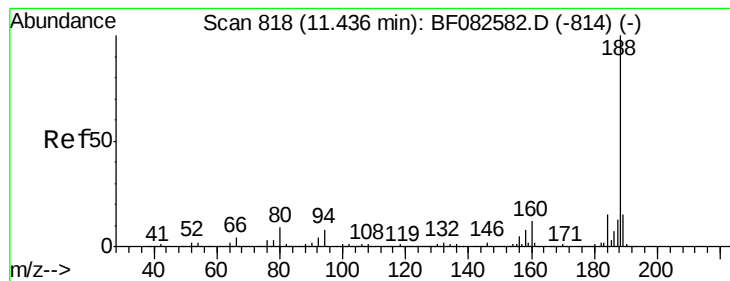
#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082714.D
Acq: 4 Nov 2015 21:38

Tgt Ion:165 Resp: 53735
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 1.4 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: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

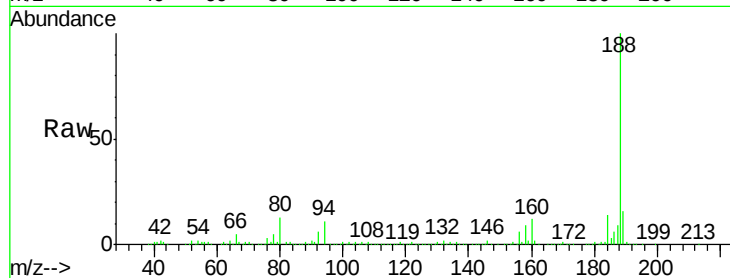
Tgt Ion:188 Resp: 669903

Ion Ratio Lower Upper

188 100

94 10.8 6.1 9.1#

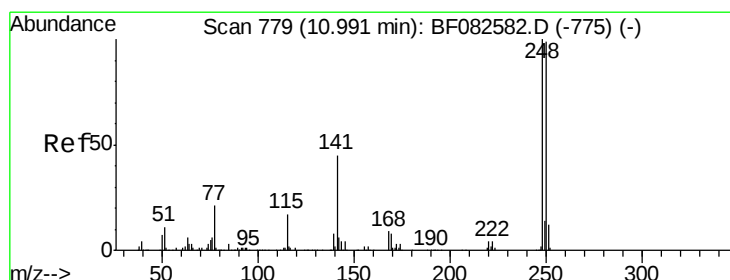
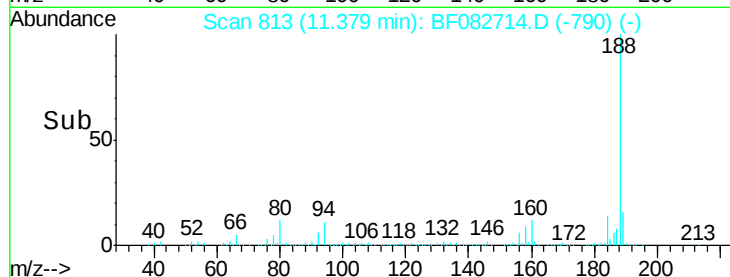
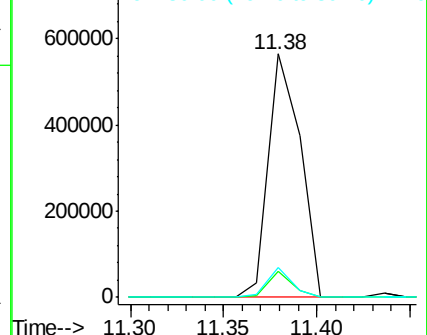
80 12.5 7.0 10.6#



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: 5.71 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

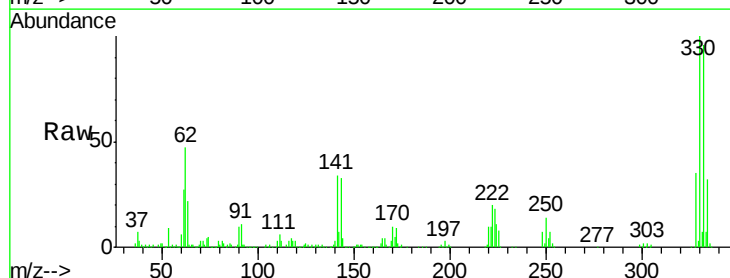
Tgt Ion:248 Resp: 43340

Ion Ratio Lower Upper

248 100

250 188.4 79.4 119.2#

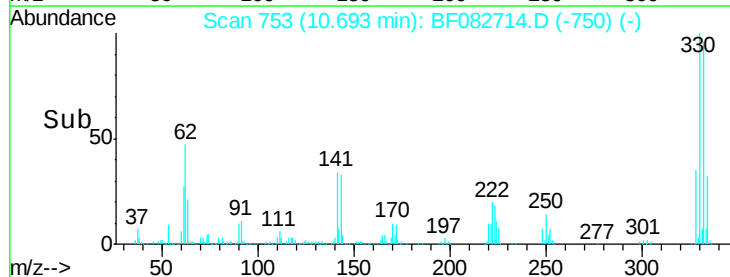
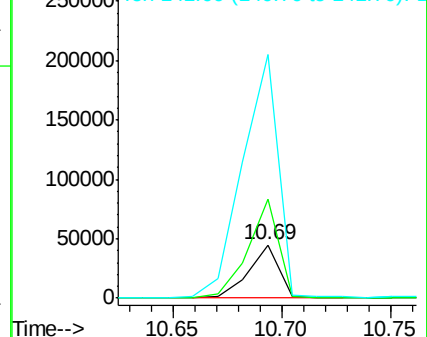
141 460.4 36.3 54.5#

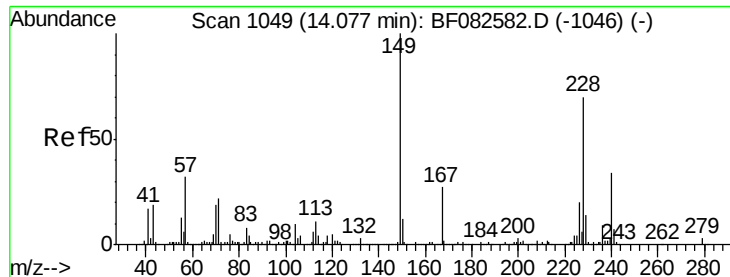


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-13(10-12)

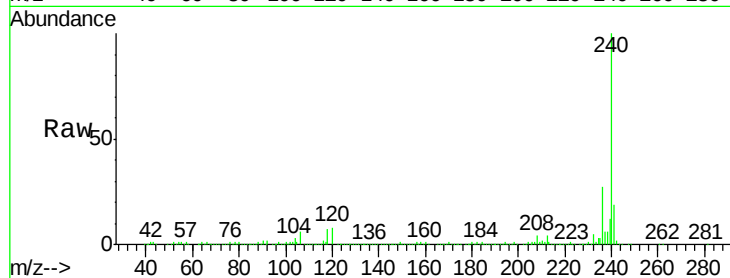
Tgt Ion:240 Resp: 651788

Ion Ratio Lower Upper

240 100

120 8.0 10.9 16.3#

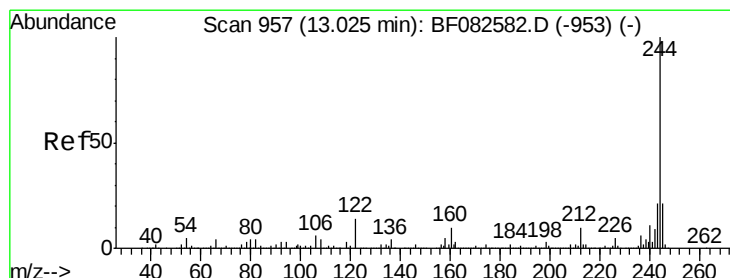
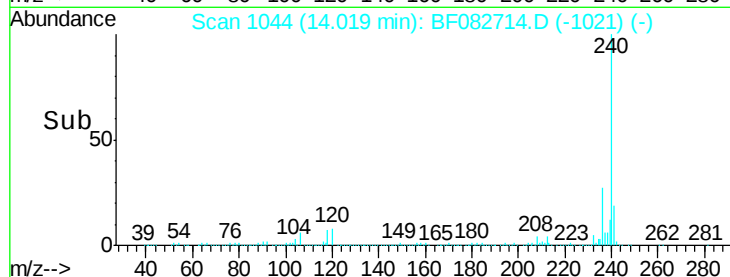
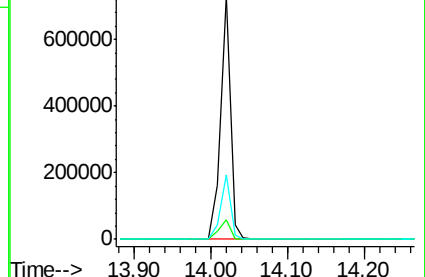
236 26.5 21.6 32.4



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: 73.49 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082714.D

Acq: 4 Nov 2015 21:38

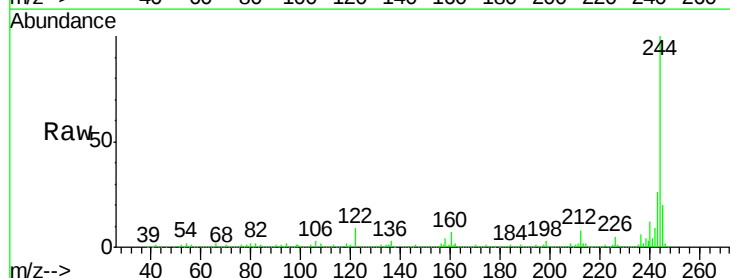
Tgt Ion:244 Resp: 2188618

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

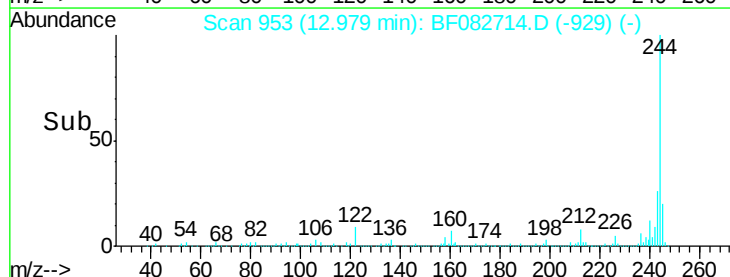
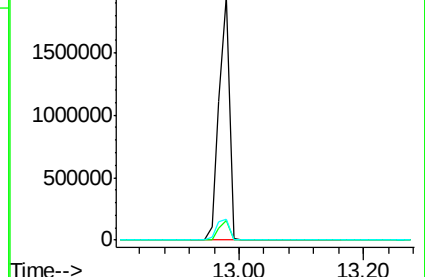
122 8.8 11.3 16.9#

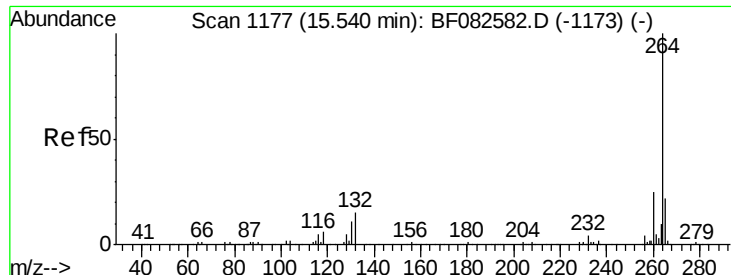


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082714.D
Acq: 4 Nov 2015 21:38

Instrument :
BNA_F
ClientSampleId :
SB-13(10-12)

Tgt Ion: 264 Resp: 477283
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 21.9 17.4 26.0

