

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082802.D
 Acq On : 7 Nov 2015 11:05
 Operator : UM/IZ
 Sample : G4246-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-12R

Quant Time: Nov 08 23:59:21 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

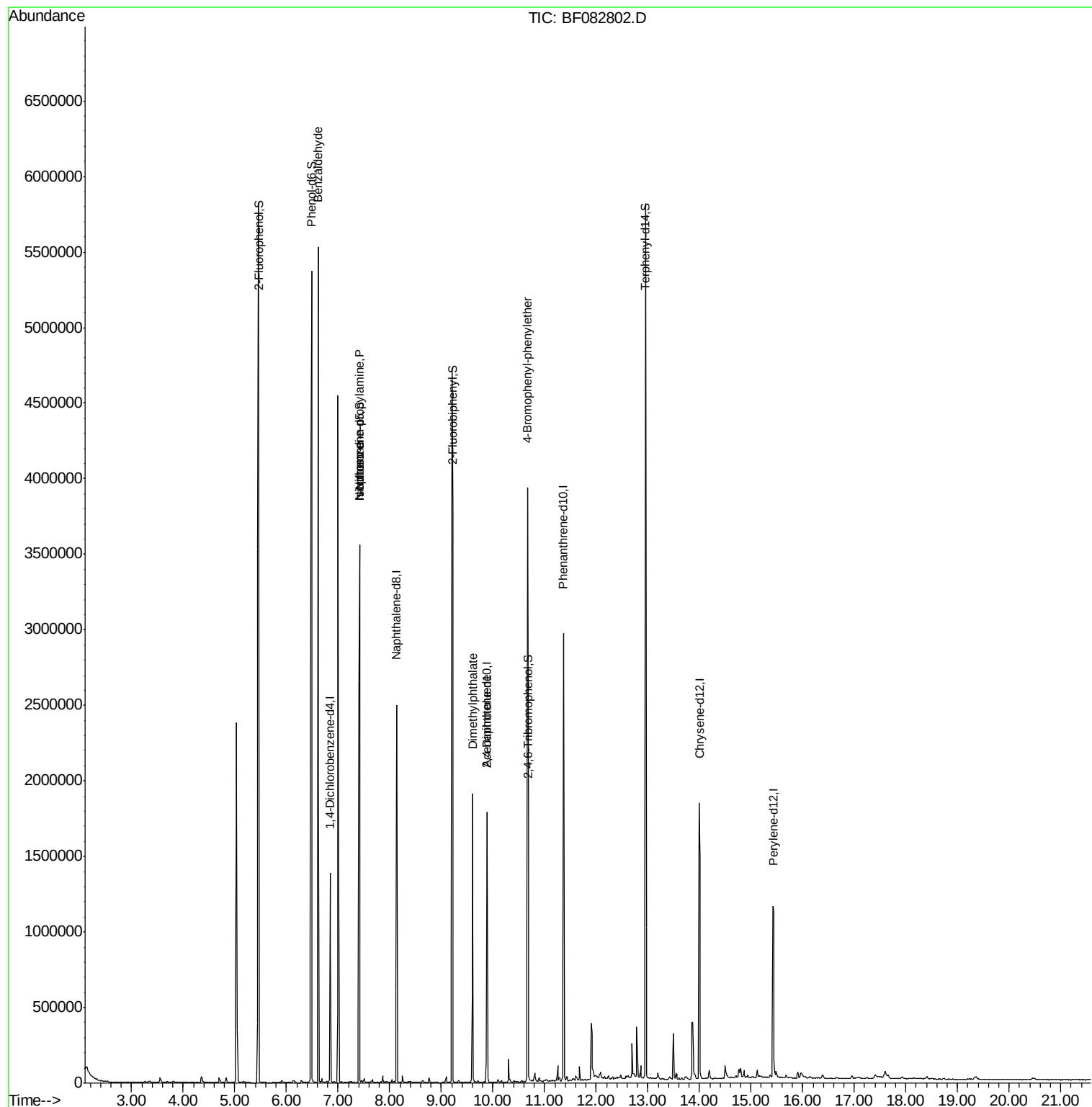
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	260395	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1041285	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	528700	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	992181	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	875539	20.00	ng	-0.02
86) Perylene-d12	15.44	264	664667	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1825399	109.07	ng	0.01
7) Phenol-d6	6.49	99	2573530	115.67	ng	0.01
23) Nitrobenzene-d5	7.41	82	1627353	68.00	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	566021	93.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2153393	58.38	ng	0.00
78) Terphenyl-d14	12.96	244	1773054	48.03	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	40527	3.30	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.41	70	218666	13.37	ng	# 66
25) Isophorone	7.41	82	1521046	34.35	ng	# 69
49) Dimethylphthalate	9.61	163	806591	18.62	ng	98
56) 2,4-Dinitrotoluene	9.88	165	67951	5.42	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	35131	2.94	ng	# 1

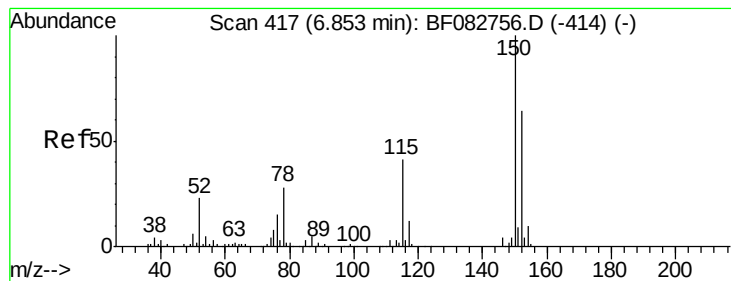
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

Instrument :

BNA_F

ClientSampleId :

T-12R

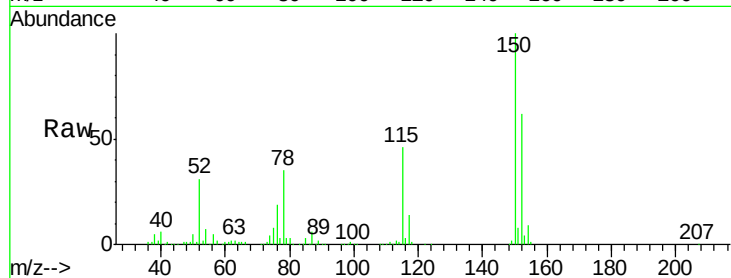
Tgt Ion:152 Resp: 260395

Ion Ratio Lower Upper

152 100

150 161.1 127.0 190.4

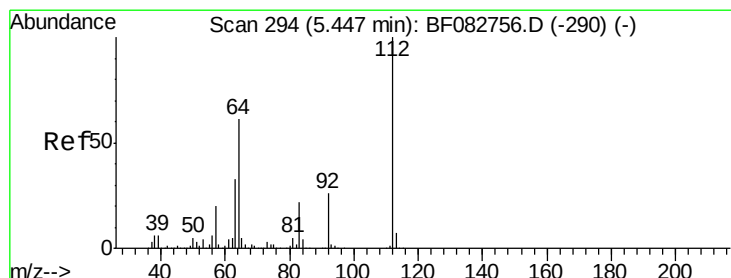
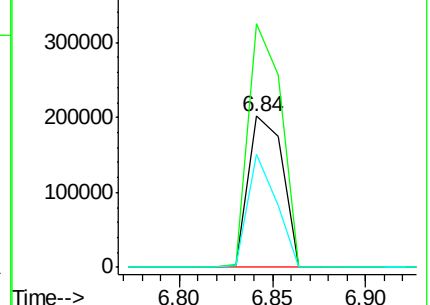
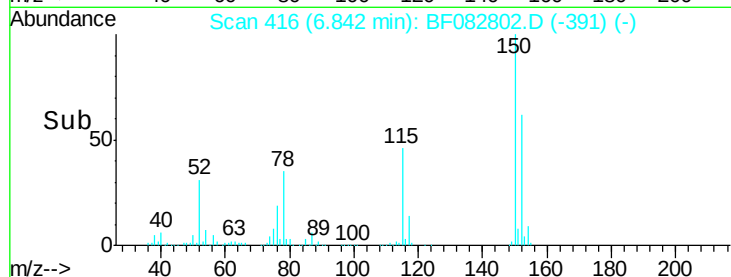
115 74.4 47.0 70.6#



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: 109.07 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

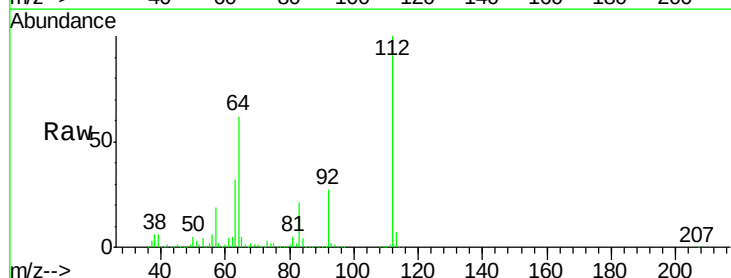
Tgt Ion:112 Resp: 1825399

Ion Ratio Lower Upper

112 100

64 62.0 48.9 73.3

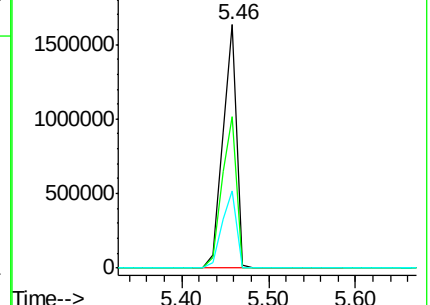
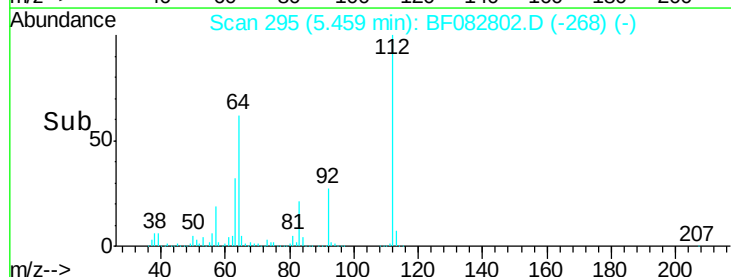
63 32.0 28.1 42.1

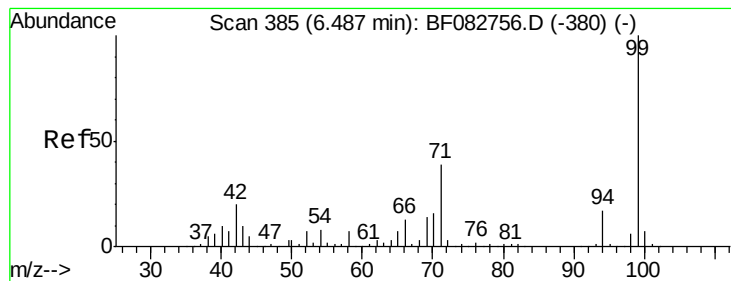


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.67 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

Instrument :

BNA_F

ClientSampleId :

T-12R

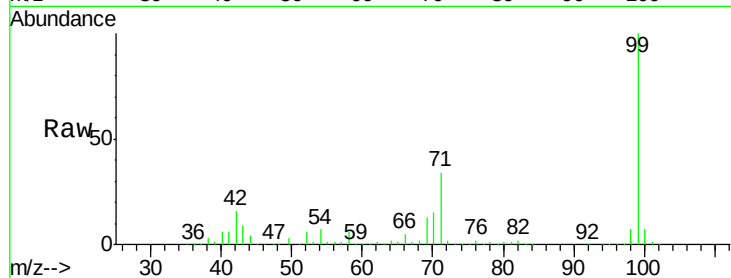
Tgt Ion: 99 Resp: 2573530

Ion Ratio Lower Upper

99 100

42 16.3 19.2 28.8#

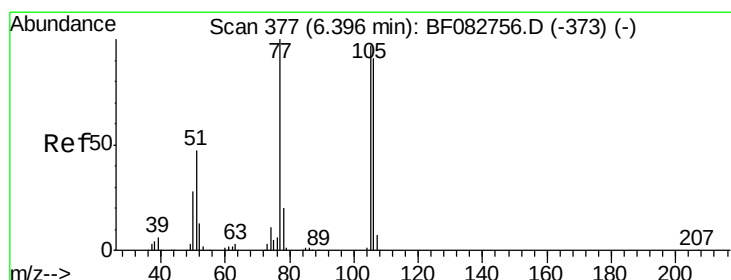
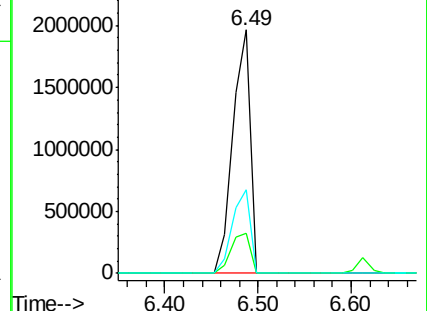
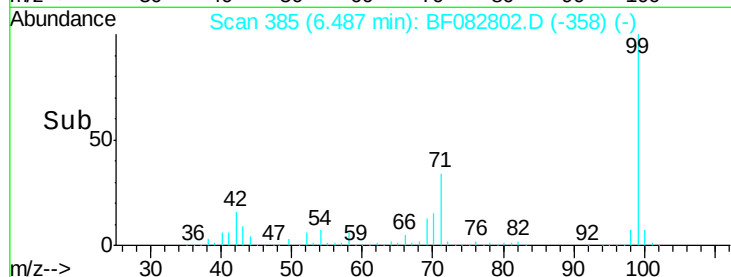
71 34.3 35.0 52.4#



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: 3.30 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

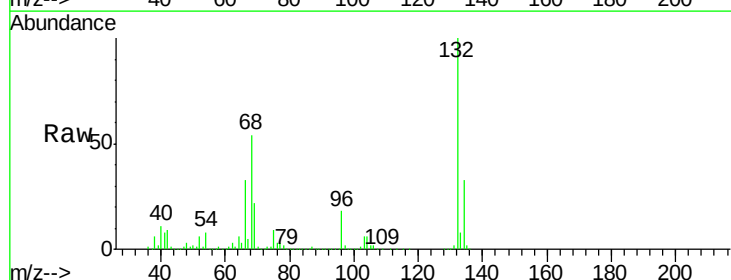
Tgt Ion: 77 Resp: 40527

Ion Ratio Lower Upper

77 100

105 72.3 63.5 103.5

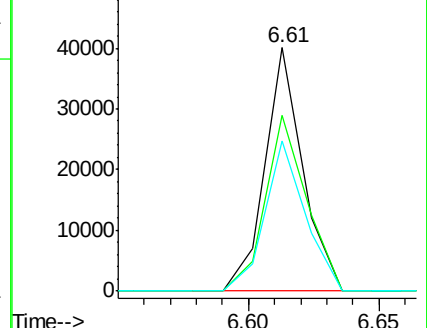
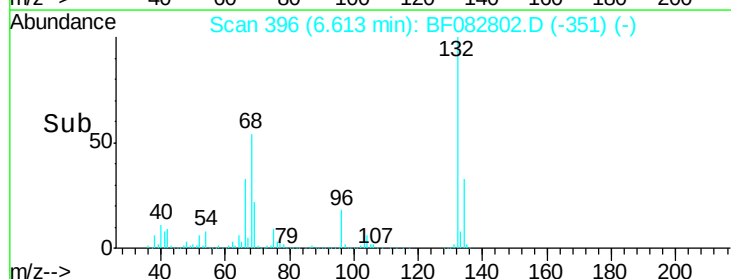
106 61.8 59.3 99.3

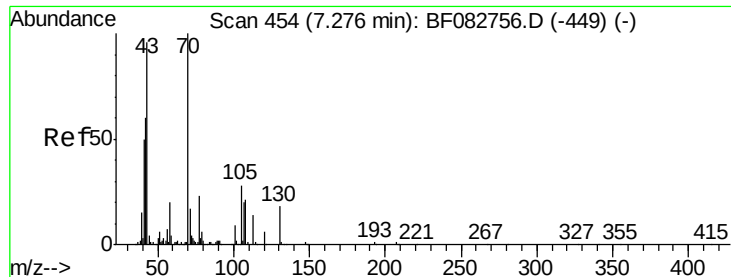


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

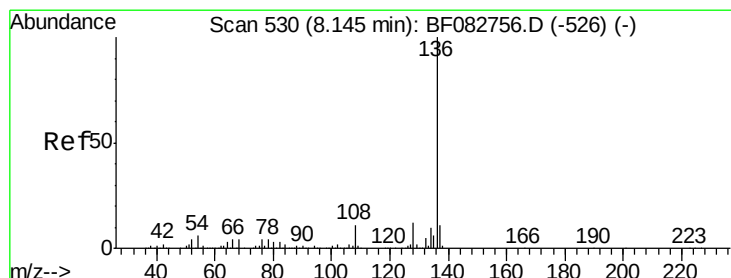
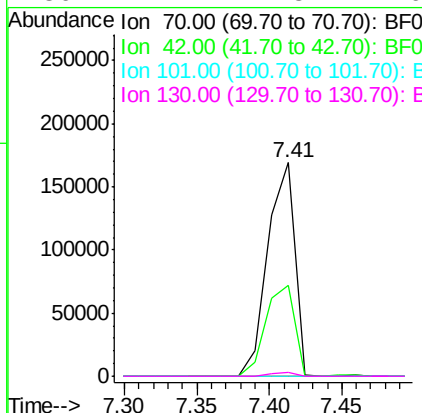
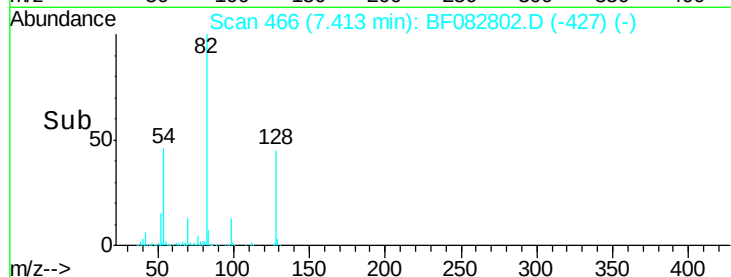
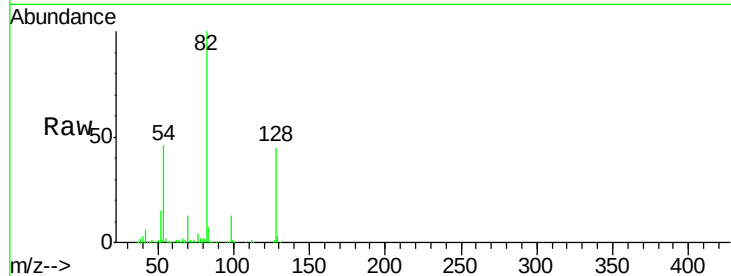




#19
n-Nitroso-di-n-propylamine
Concen: 13.37 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082802.D
Acq: 7 Nov 2015 11:05

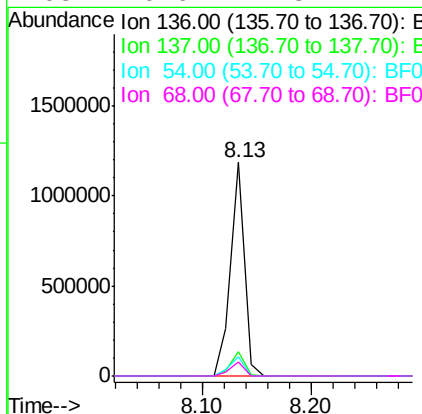
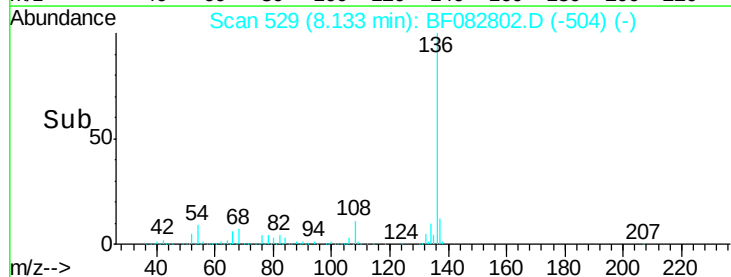
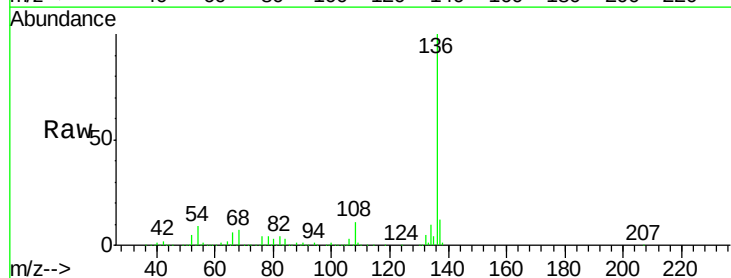
Instrument :
BNA_F
ClientSampleId :
T-12R

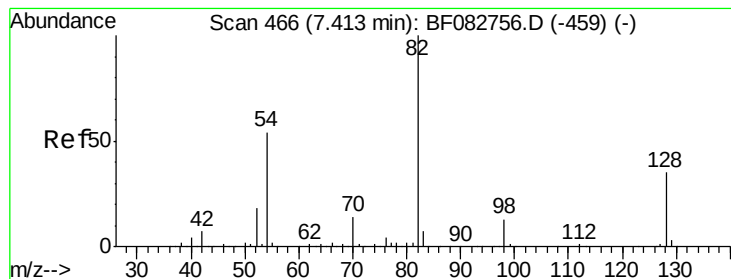
Tgt Ion: 70 Resp: 218666
Ion Ratio Lower Upper
70 100
42 42.4 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082802.D
Acq: 7 Nov 2015 11:05

Tgt Ion: 136 Resp: 1041285
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.9 9.1 13.7#
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 68.00 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

Instrument :

BNA_F

ClientSampleId :

T-12R

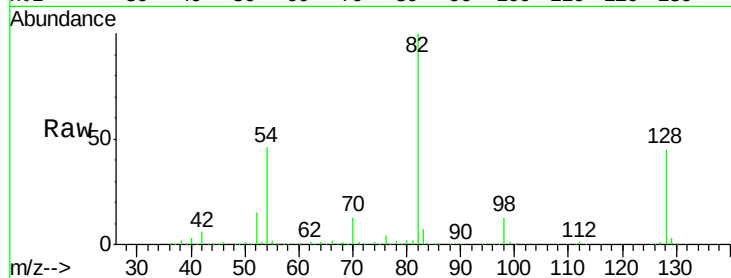
Tgt Ion: 82 Resp: 1627353

Ion Ratio Lower Upper

82 100

128 45.3 26.8 40.2#

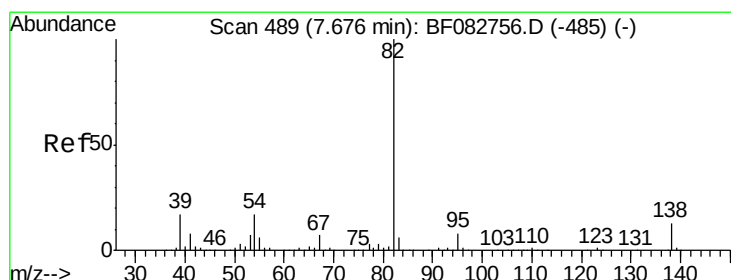
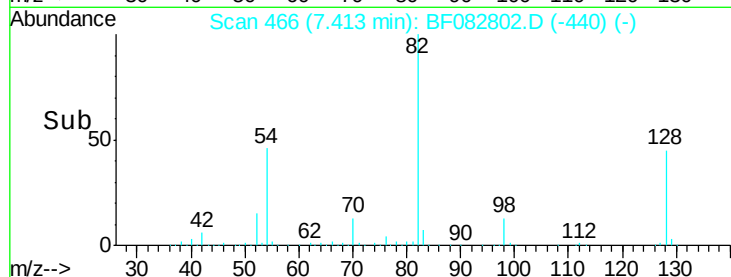
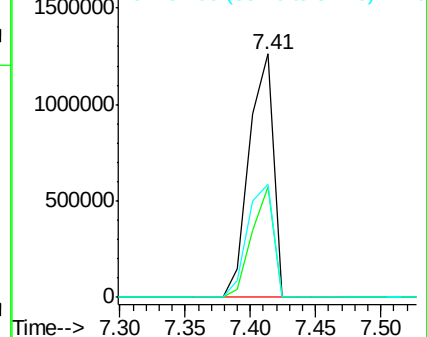
54 46.4 45.7 68.5



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: 34.35 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

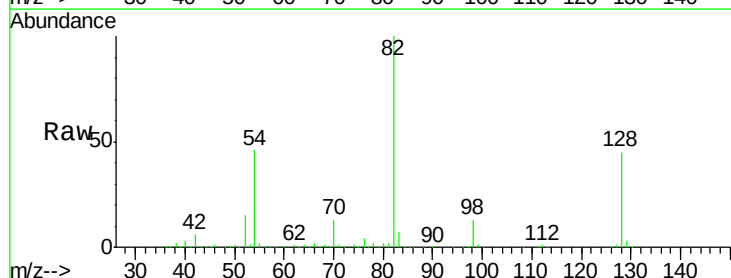
Tgt Ion: 82 Resp: 1521046

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

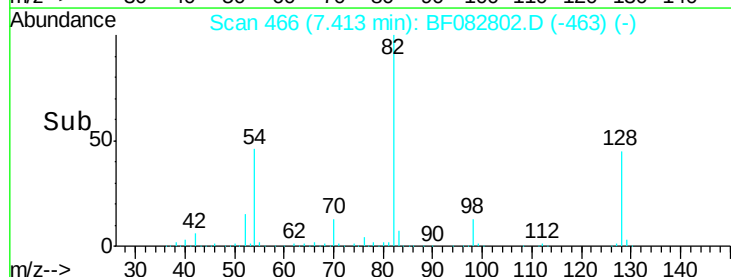
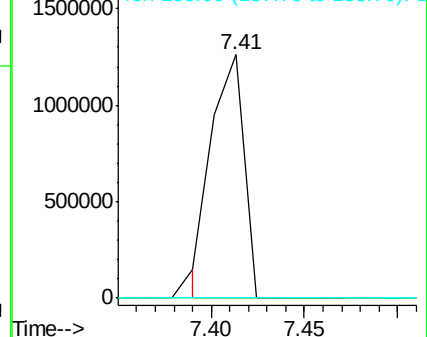
138 0.0 11.4 17.0#

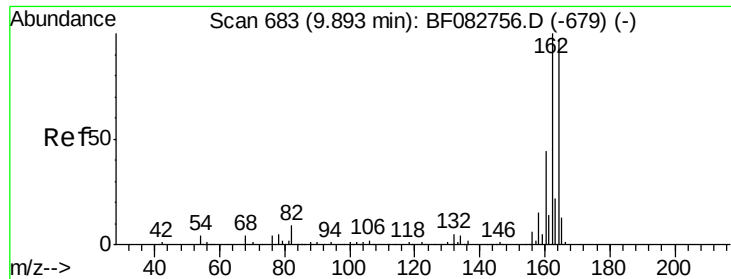


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

Instrument :

BNA_F

ClientSampleId :

T-12R

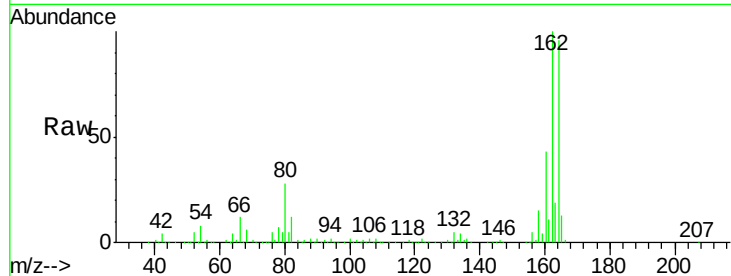
Tgt Ion:164 Resp: 528700

Ion Ratio Lower Upper

164 100

162 103.7 84.9 127.3

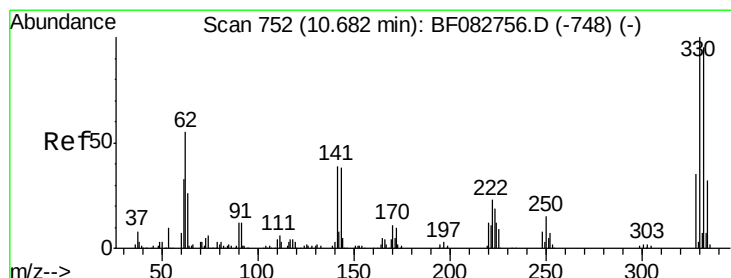
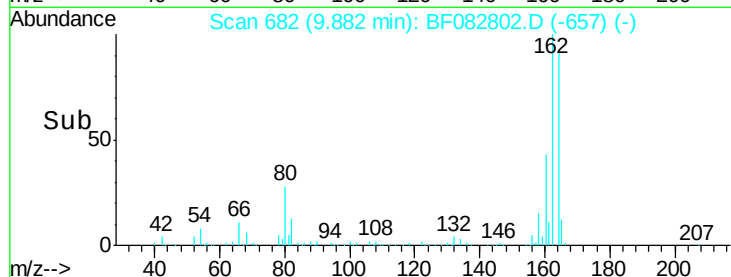
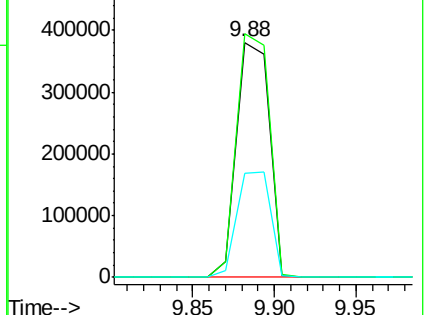
160 44.2 37.5 56.3



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: 93.37 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

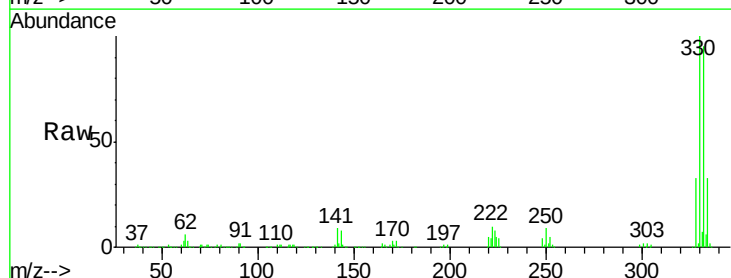
Tgt Ion:330 Resp: 566021

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

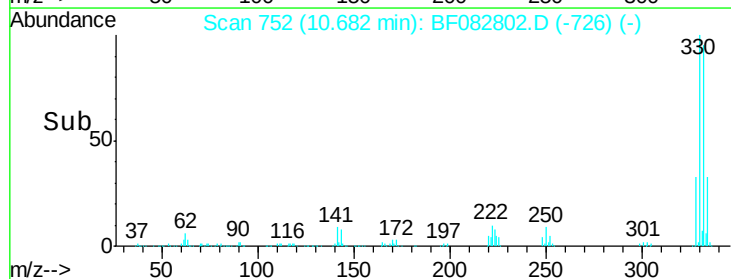
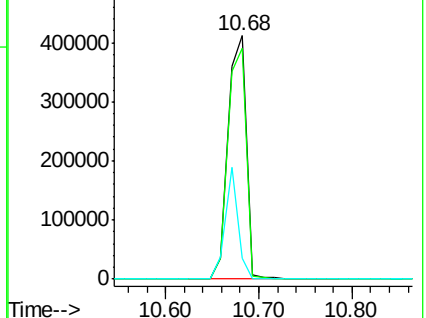
141 32.3 41.2 61.8#

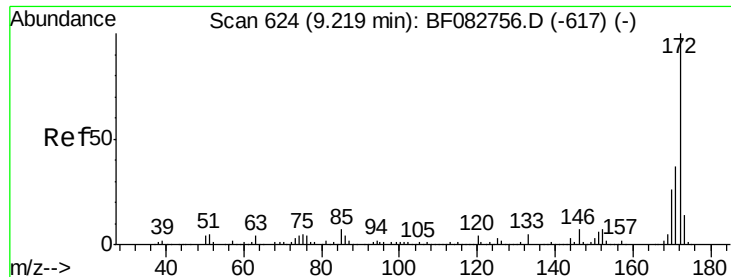


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

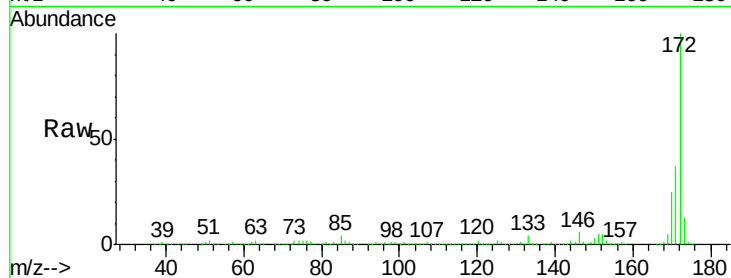




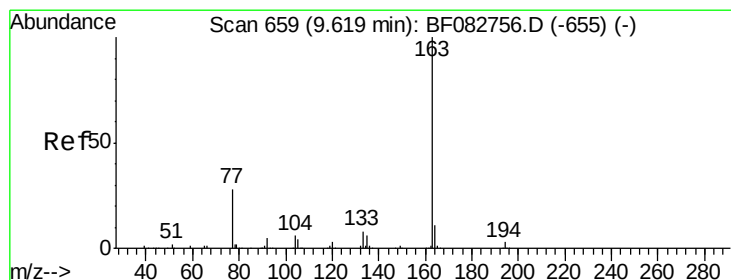
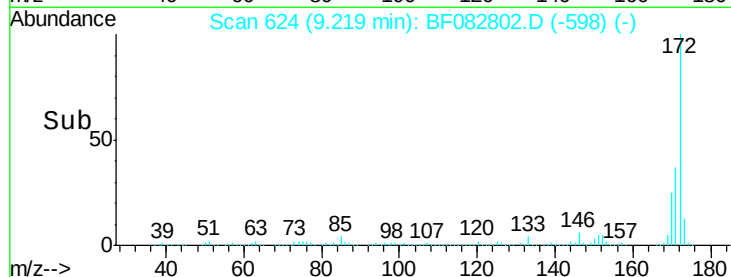
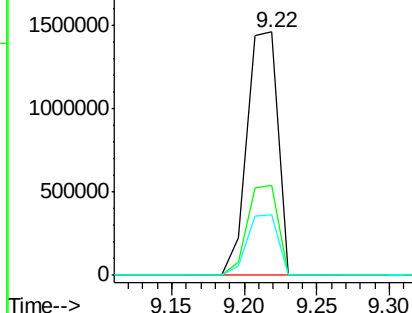
#44
 2-Fluorobiphenyl
 Concen: 58.38 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082802.D
 Acq: 7 Nov 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 T-12R

Tgt Ion:172 Resp: 2153393
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.7 21.2 31.8

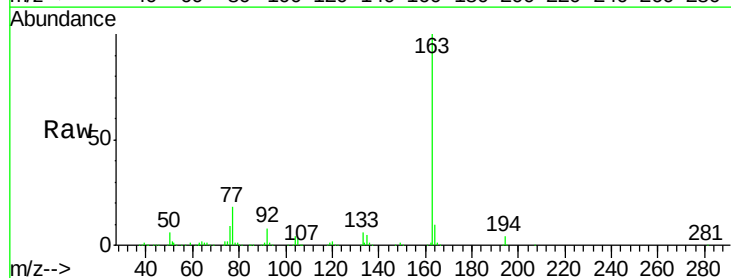


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

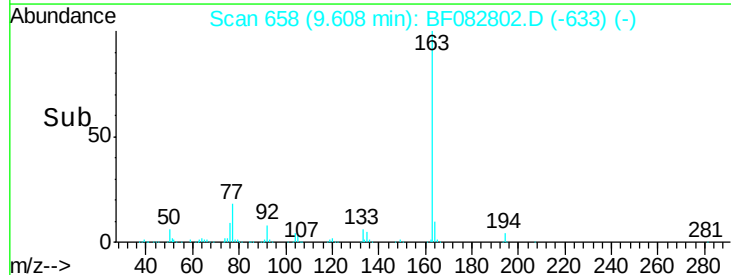
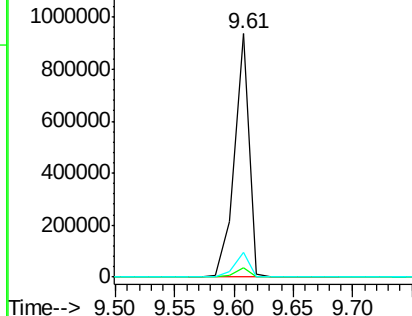


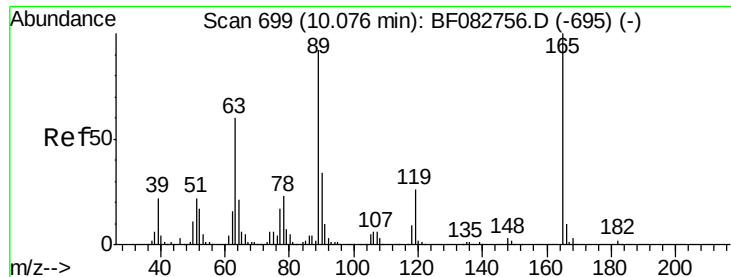
#49
 Dimethylphthalate
 Concen: 18.62 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082802.D
 Acq: 7 Nov 2015 11:05

Tgt Ion:163 Resp: 806591
 Ion Ratio Lower Upper
 163 100
 194 3.7 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

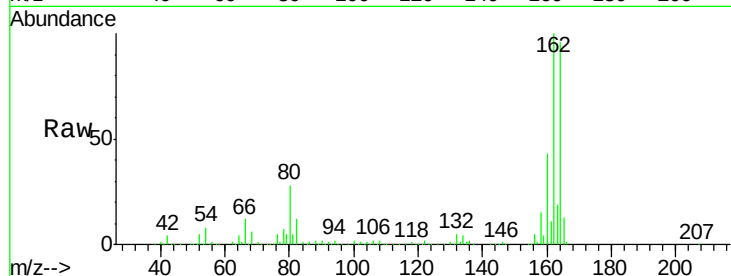




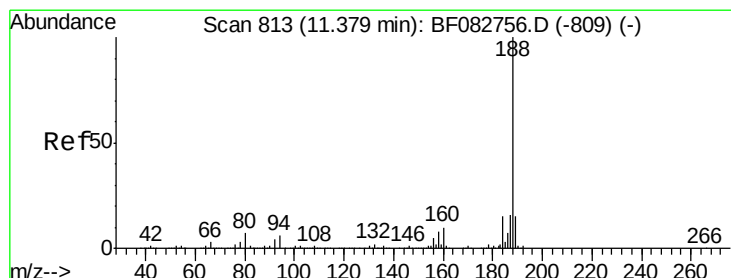
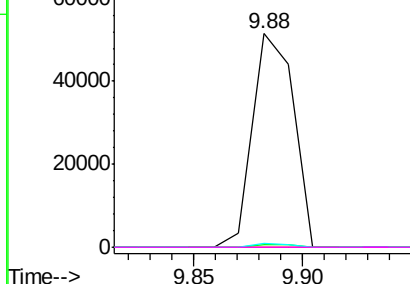
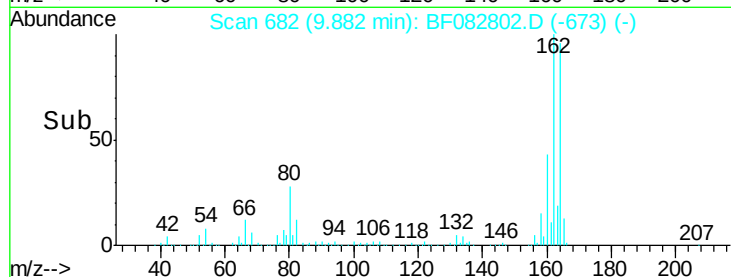
#56
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082802.D
Acq: 7 Nov 2015 11:05

Instrument :
BNA_F
ClientSampleId :
T-12R

Tgt Ion:165 Resp: 67951
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.6 70.6 106.0#
182 0.0 1.5 2.3#

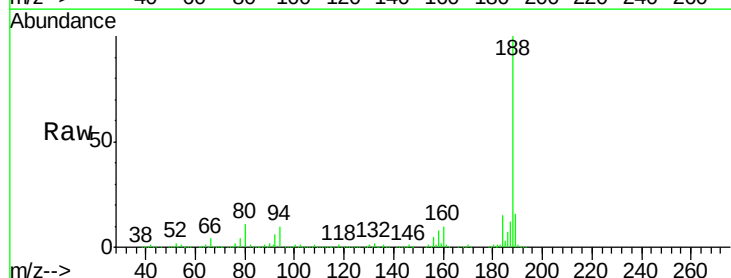


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

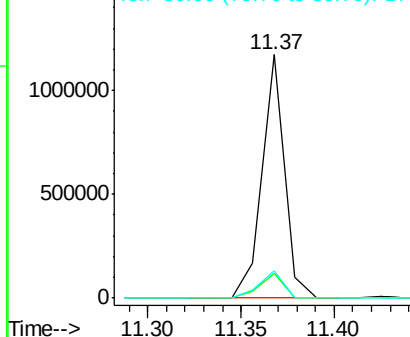
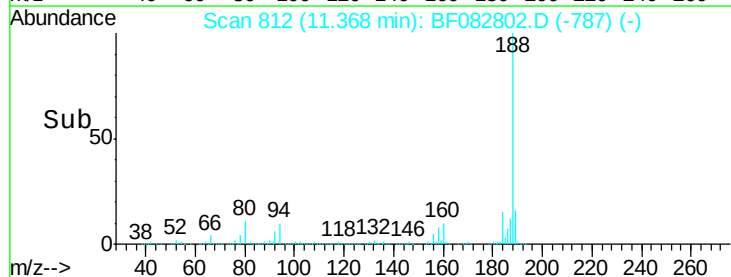


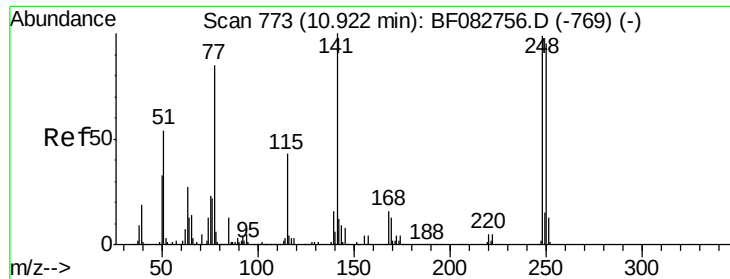
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082802.D
Acq: 7 Nov 2015 11:05

Tgt Ion:188 Resp: 992181
Ion Ratio Lower Upper
188 100
94 10.4 6.1 9.1#
80 11.4 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

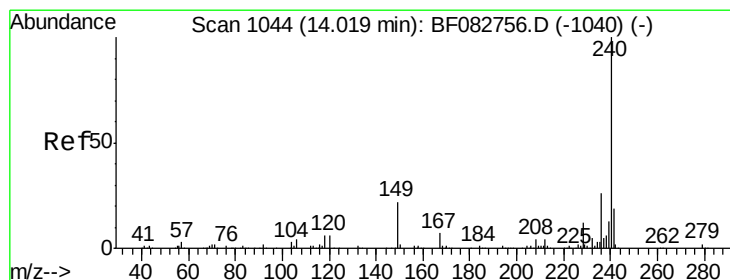
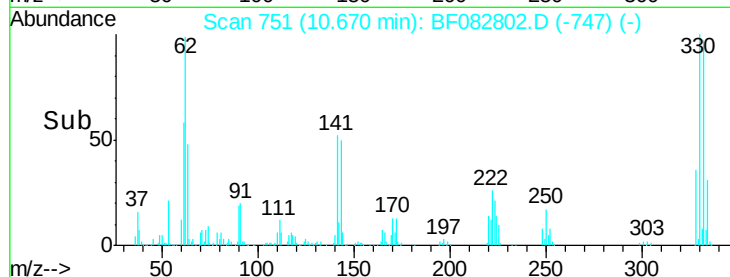
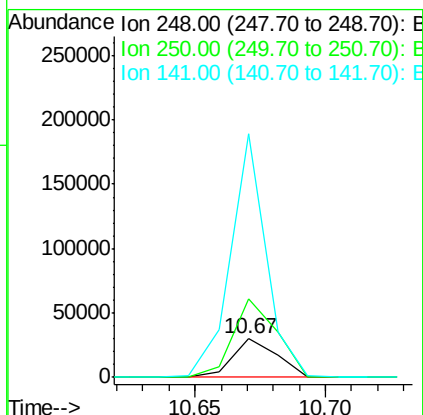
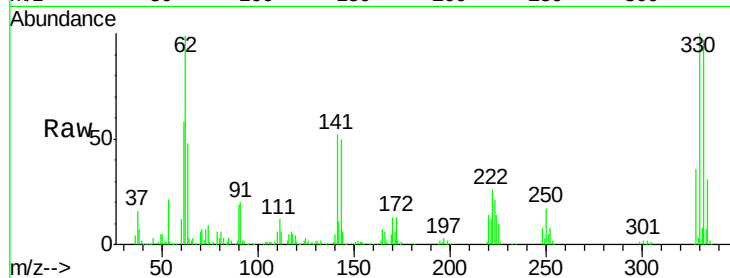




#66
 4-Bromophenyl-phenylether
 Concen: 2.94 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF082802.D
 Acq: 7 Nov 2015 11:05

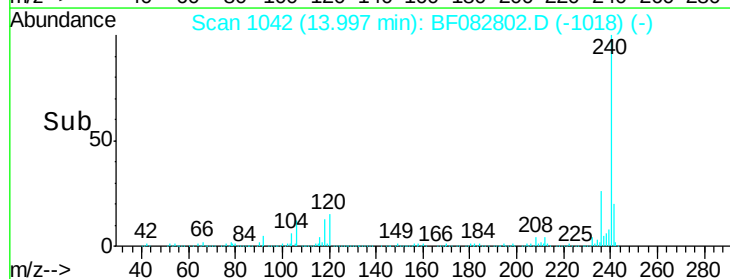
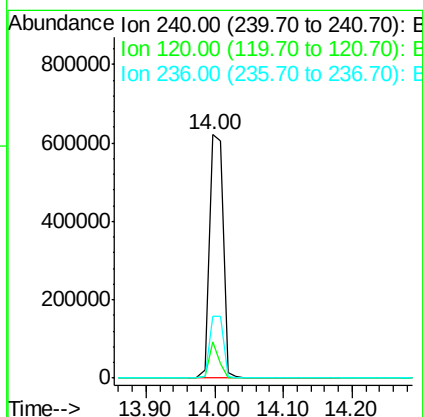
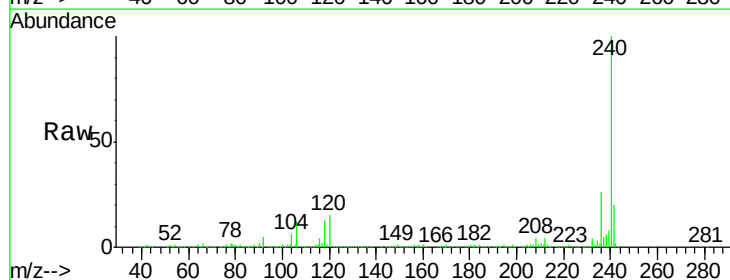
Instrument :
 BNA_F
 ClientSampleID :
 T-12R

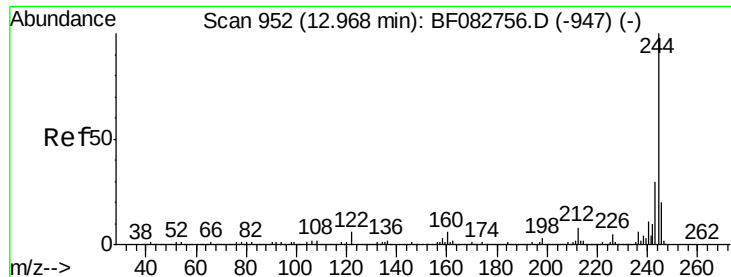
Tgt Ion:248 Resp: 35131
 Ion Ratio Lower Upper
 248 100
 250 204.0 79.4 119.2#
 141 631.7 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF082802.D
 Acq: 7 Nov 2015 11:05

Tgt Ion:240 Resp: 875539
 Ion Ratio Lower Upper
 240 100
 120 14.9 10.9 16.3
 236 25.6 21.6 32.4





#78

Terphenyl-d14

Concen: 48.03 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082802.D

Acq: 7 Nov 2015 11:05

Instrument :

BNA_F

ClientSampled :

T-12R

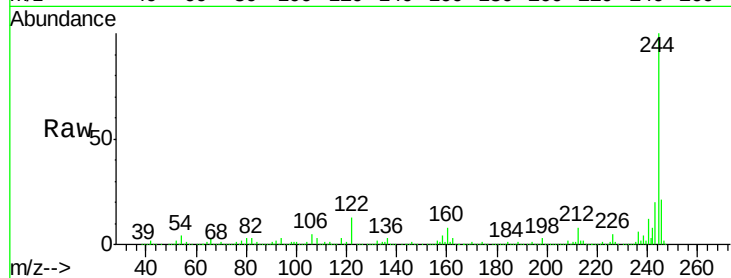
Tgt Ion:244 Resp: 1773054

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

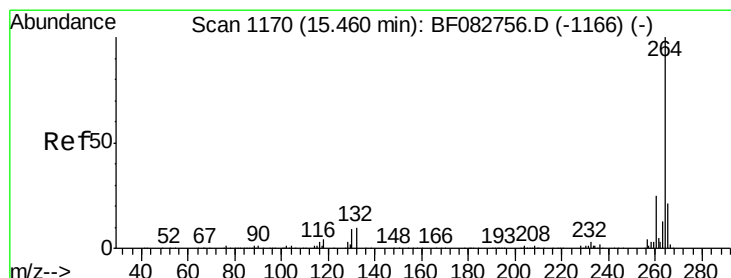
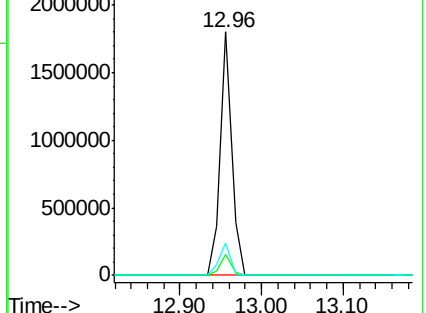
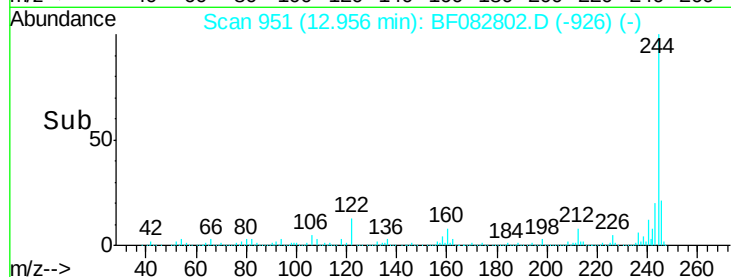
122 13.4 11.3 16.9



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: BF082802.D

Acq: 7 Nov 2015 11:05

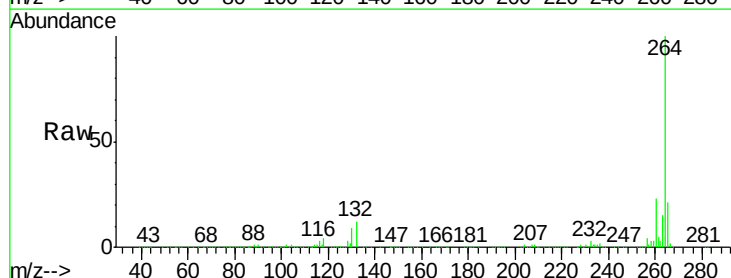
Tgt Ion:264 Resp: 664667

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.1 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

