

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082822.D
 Acq On : 8 Nov 2015 5:01
 Operator : UM/IZ
 Sample : G4261-01RE
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1RE

Quant Time: Nov 09 00:12:41 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

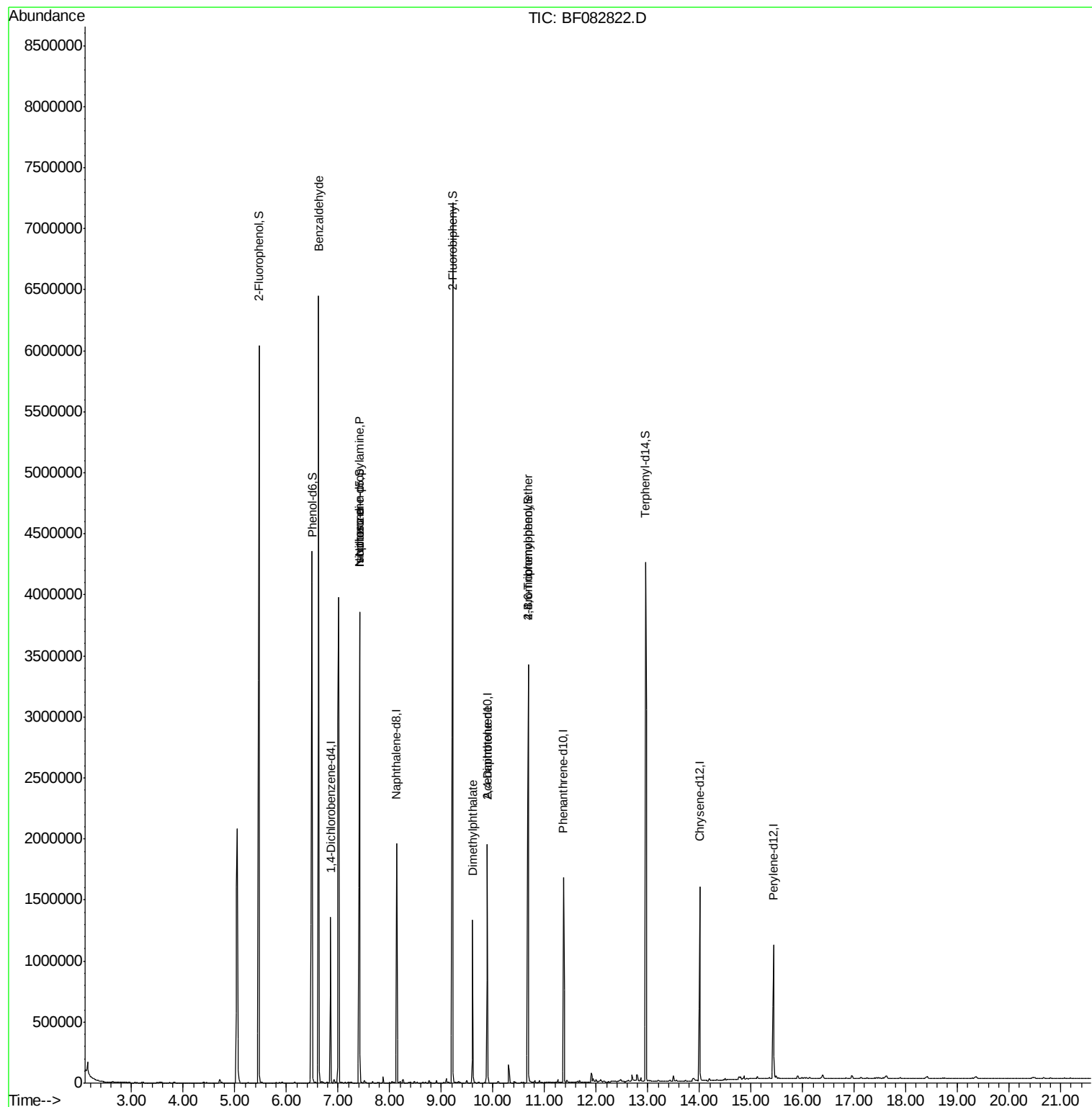
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	233929	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	809223	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	428754	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	693313	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	584927	20.00	ng	-0.01
86) Perylene-d12	15.44	264	514363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1744681	116.04	ng	0.02
7) Phenol-d6	6.50	99	2380955	119.12	ng	0.02
23) Nitrobenzene-d5	7.41	82	1397456	75.14	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	492907	100.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2252650	75.30	ng	0.00
78) Terphenyl-d14	12.96	244	1777453	72.07	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	50056	4.53	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	194968	13.27	ng	# 71
25) Isophorone	7.41	82	1357811	39.46	ng	# 69
49) Dimethylphthalate	9.61	163	473438	13.48	ng	99
56) 2,4-Dinitrotoluene	9.89	165	53872	5.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.68	248	35130	4.21	ng	# 1

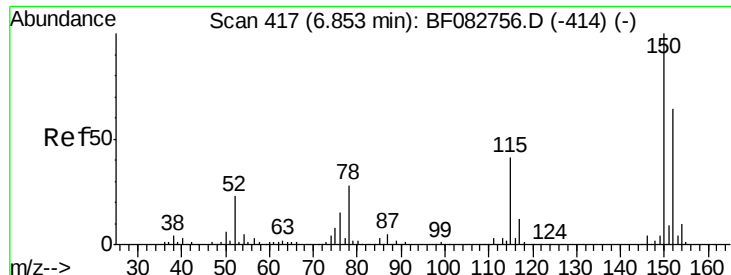
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082822.D

Acq: 8 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SB-1RE

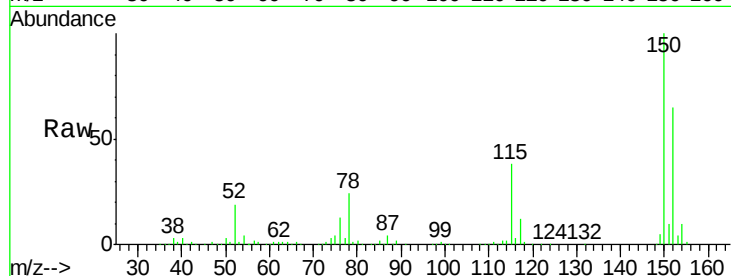
Tgt Ion:152 Resp: 233929

Ion Ratio Lower Upper

152 100

150 154.5 127.0 190.4

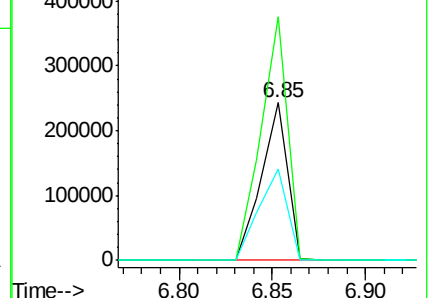
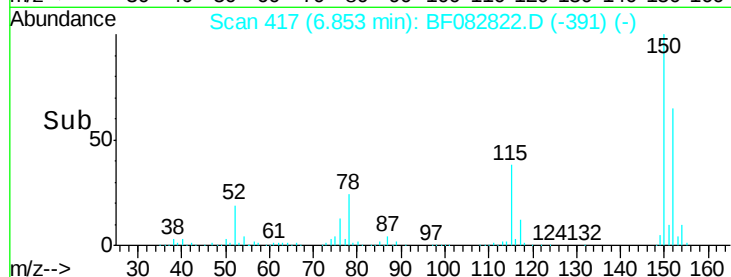
115 58.2 47.0 70.6



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: 116.04 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082822.D

Acq: 8 Nov 2015 5:01

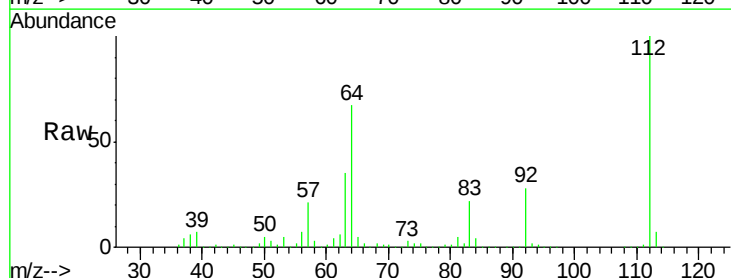
Tgt Ion:112 Resp: 1744681

Ion Ratio Lower Upper

112 100

64 66.6 48.9 73.3

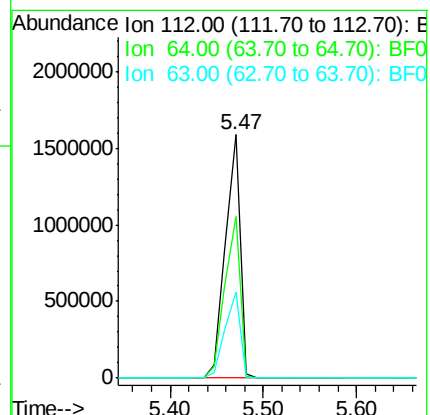
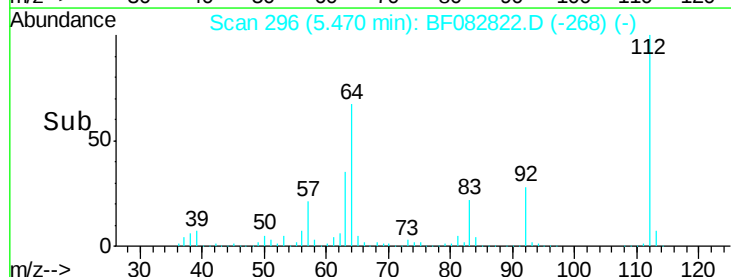
63 35.2 28.1 42.1

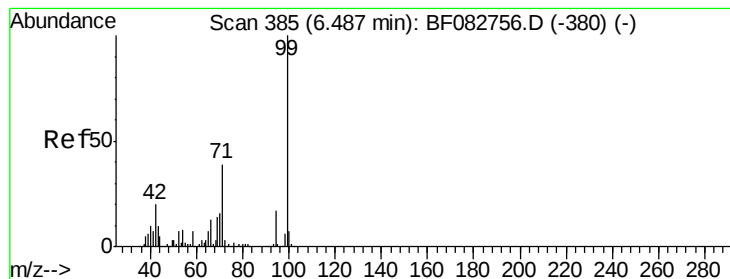


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.12 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082822.D

Acq: 8 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SB-1RE

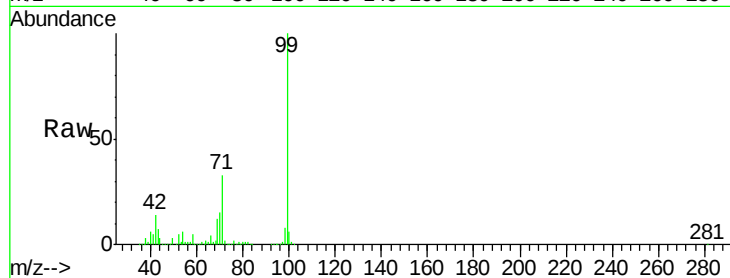
Tgt Ion: 99 Resp: 2380955

Ion Ratio Lower Upper

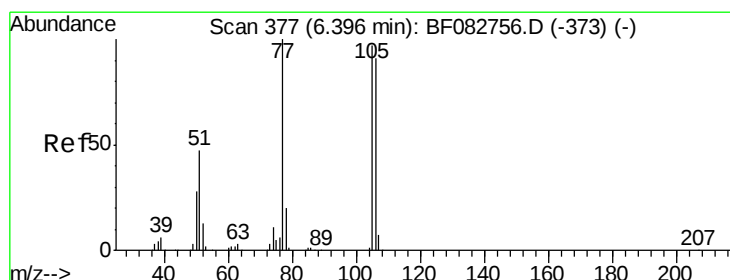
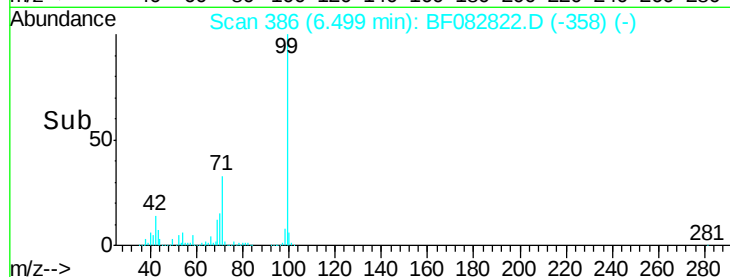
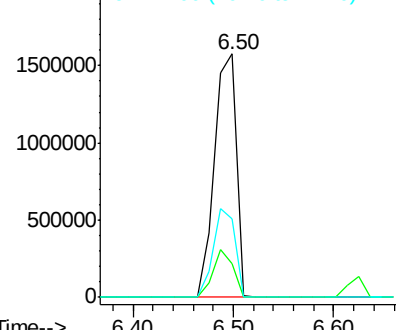
99 100

42 14.0 19.2 28.8#

71 32.5 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: 4.53 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082822.D

Acq: 8 Nov 2015 5:01

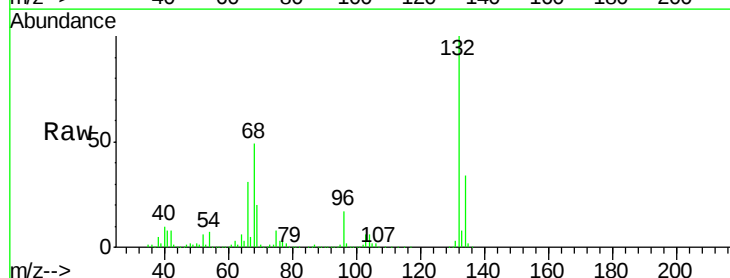
Tgt Ion: 77 Resp: 50056

Ion Ratio Lower Upper

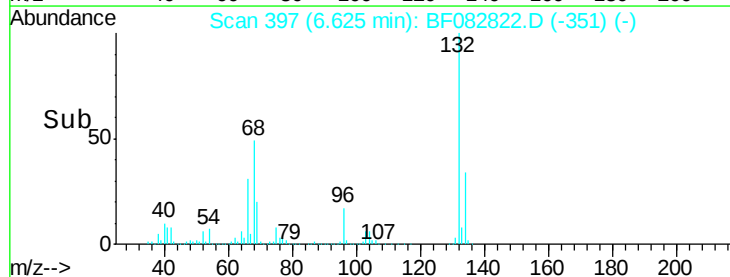
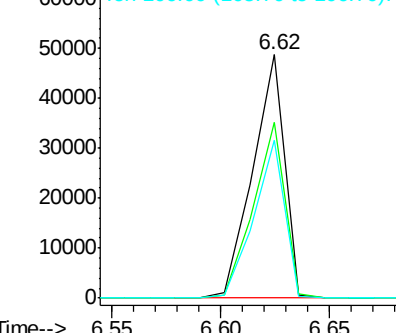
77 100

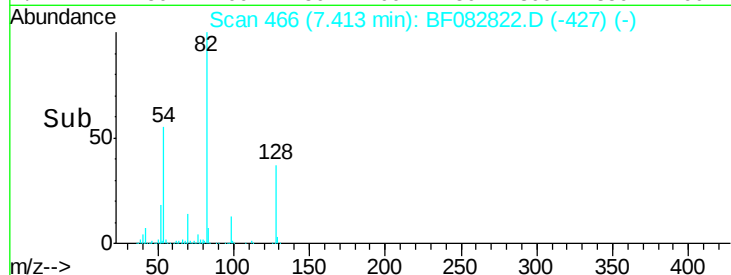
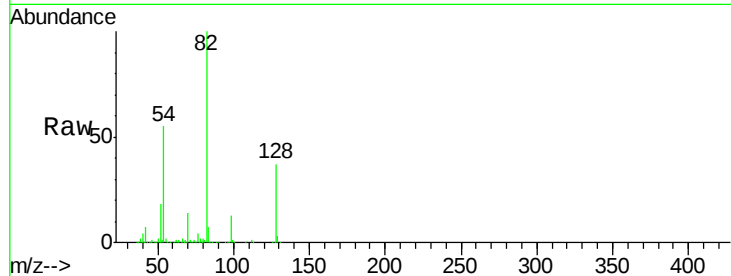
105 72.2 63.5 103.5

106 64.6 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

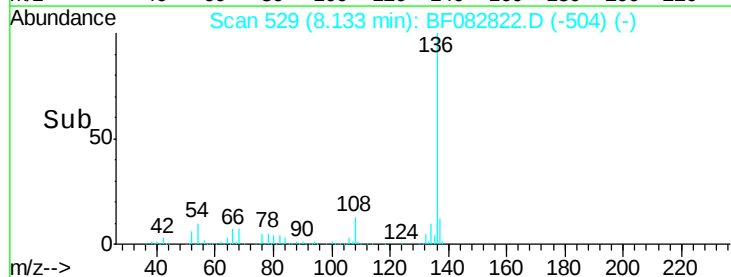
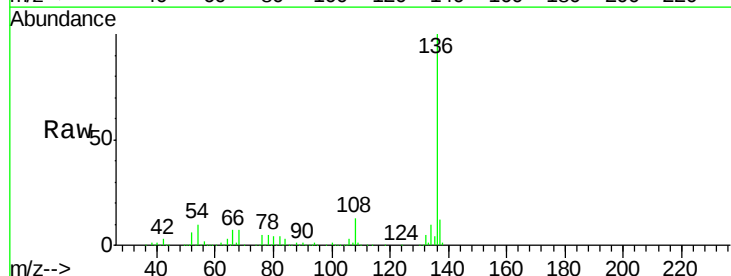
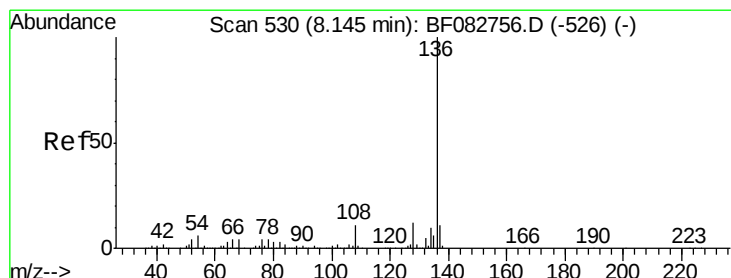
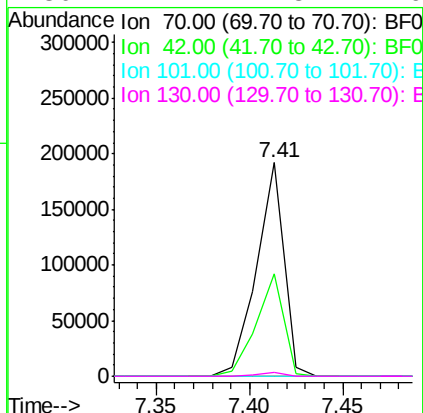




#19
n-Nitroso-di-n-propylamine
Concen: 13.27 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082822.D
Acq: 8 Nov 2015 5:01

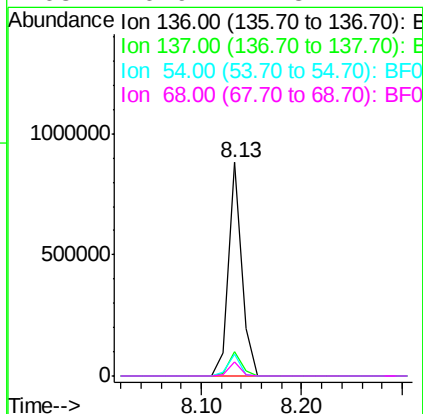
Instrument :
BNA_F
ClientSampleId :
SB-1RE

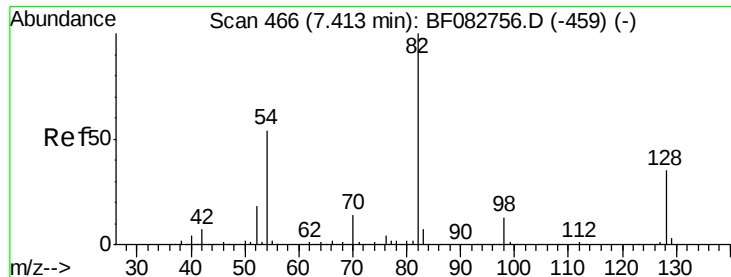
Tgt Ion:	70	Resp:	194968
Ion	Ratio	Lower	Upper
70	100		
42	48.2	57.7	86.5#
101	0.0	7.0	10.6#
130	2.1	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082822.D
Acq: 8 Nov 2015 5:01

Tgt Ion:	136	Resp:	809223
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.4	9.1	13.7
68	6.9	4.8	7.2

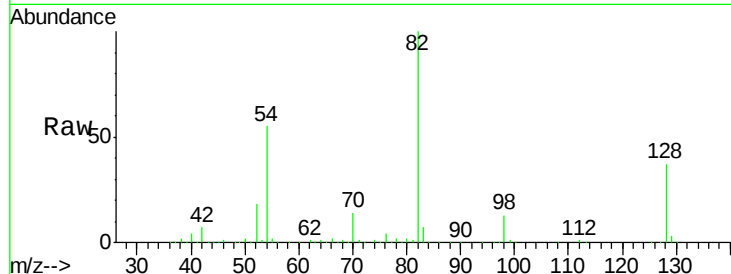




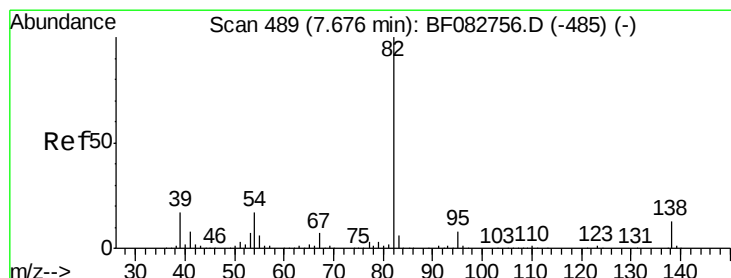
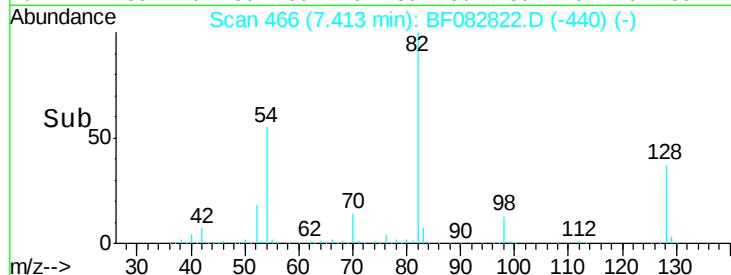
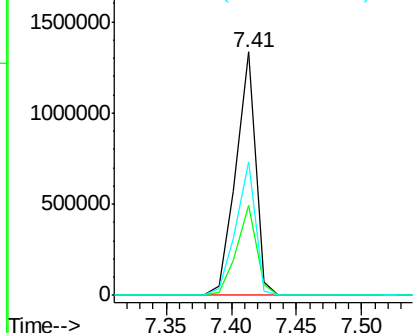
#23
 Nitrobenzene-d5
 Concen: 75.14 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082822.D
 Acq: 8 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-1RE

Tgt Ion: 82 Resp: 1397456
 Ion Ratio Lower Upper
 82 100
 128 37.1 26.8 40.2
 54 54.7 45.7 68.5

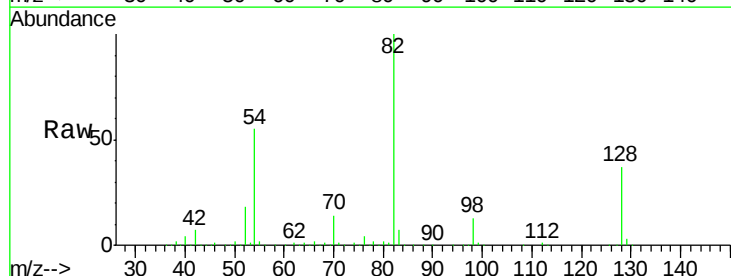


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

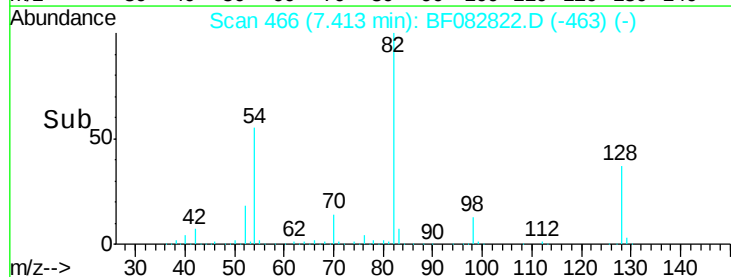
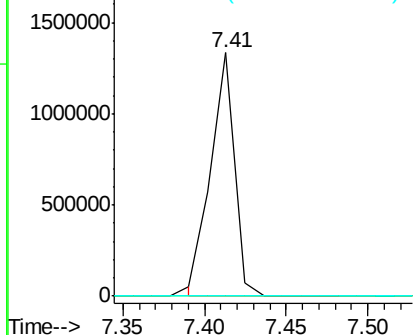


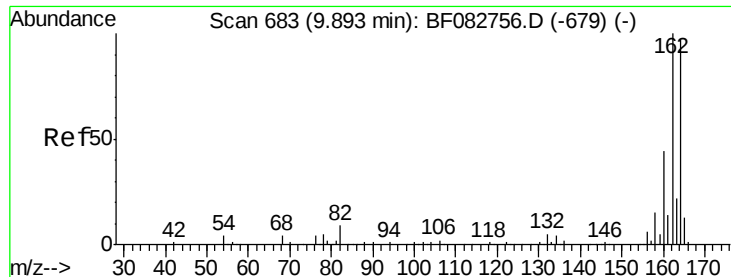
#25
 Isophorone
 Concen: 39.46 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082822.D
 Acq: 8 Nov 2015 5:01

Tgt Ion: 82 Resp: 1357811
 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: BF082822.D

Acq: 8 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SB-1RE

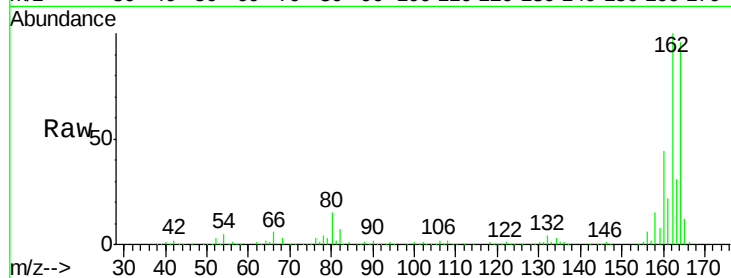
Tgt Ion:164 Resp: 428754

Ion Ratio Lower Upper

164 100

162 104.1 84.9 127.3

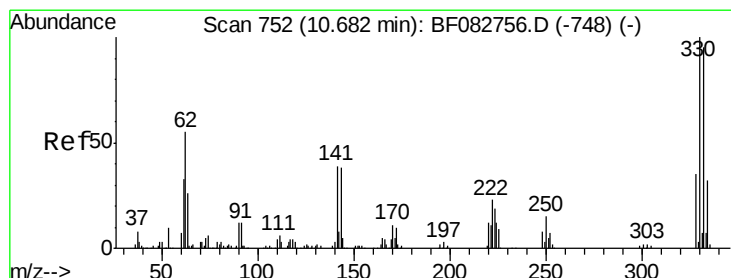
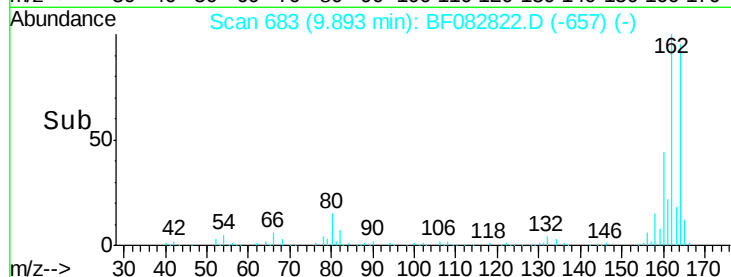
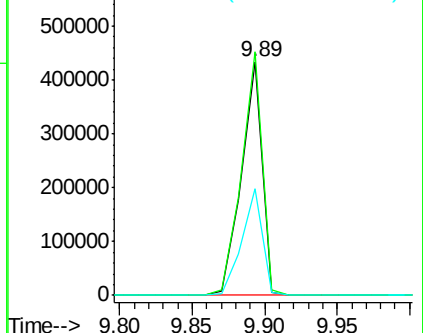
160 45.3 37.5 56.3



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: 100.26 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082822.D

Acq: 8 Nov 2015 5:01

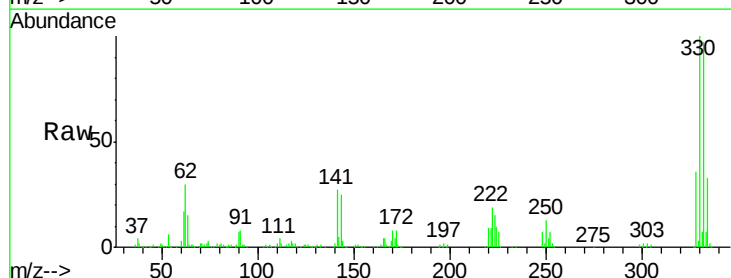
Tgt Ion:330 Resp: 492907

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

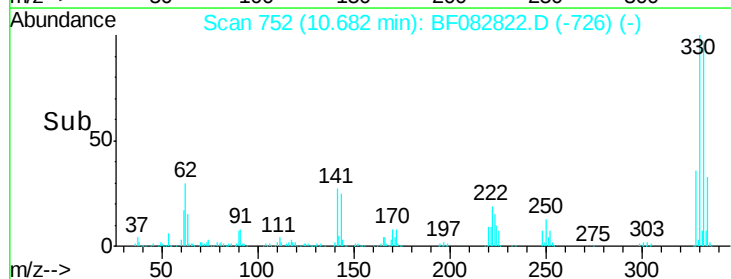
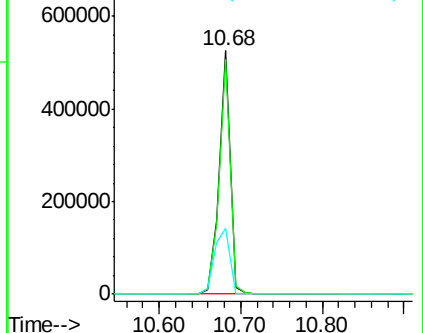
141 37.5 41.2 61.8#

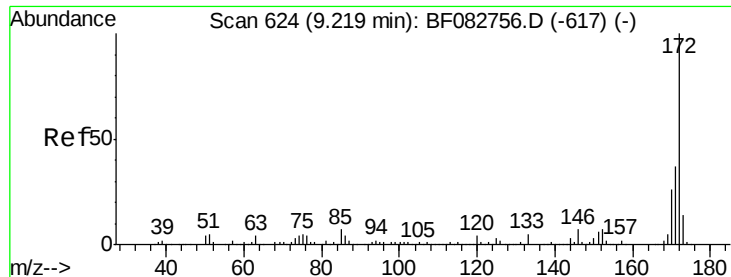


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

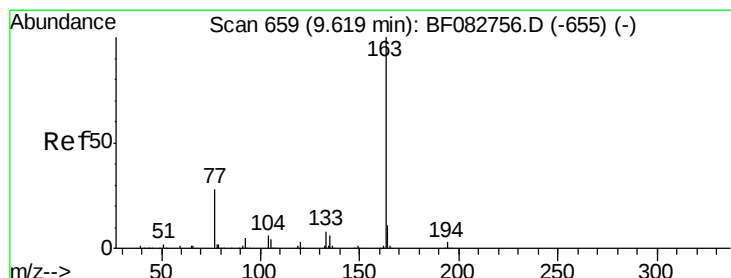
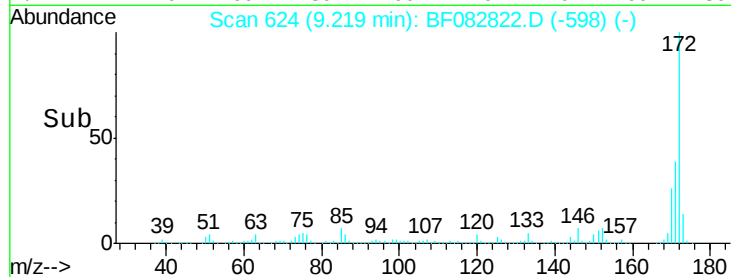
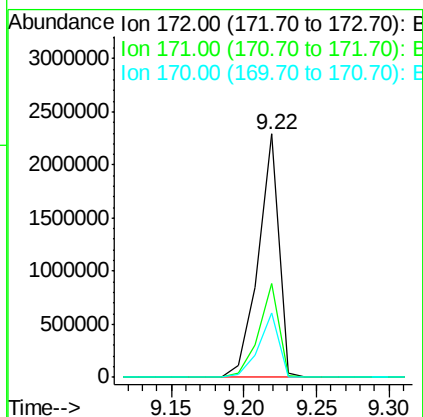
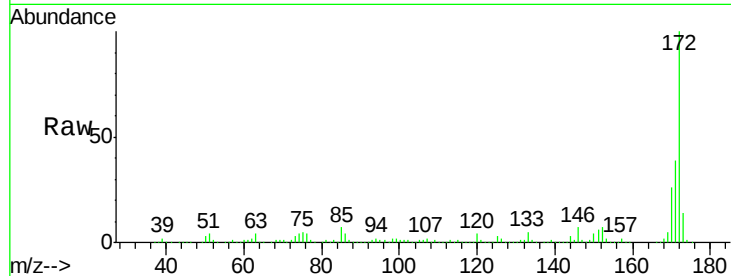




#44
 2-Fluorobiphenyl
 Concen: 75.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082822.D
 Acq: 8 Nov 2015 5:01

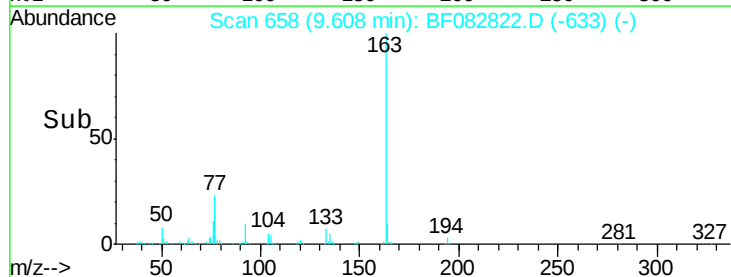
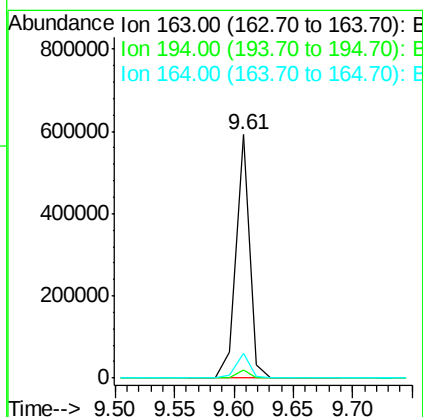
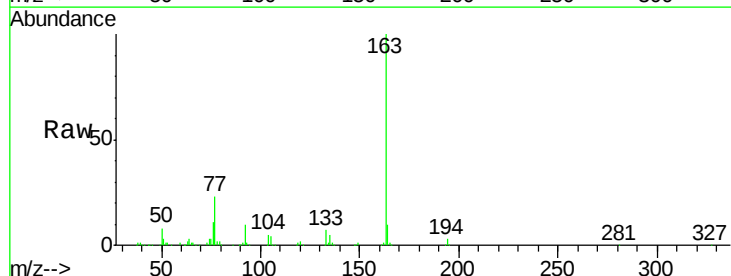
Instrument :
 BNA_F
 ClientSampleId :
 SB-1RE

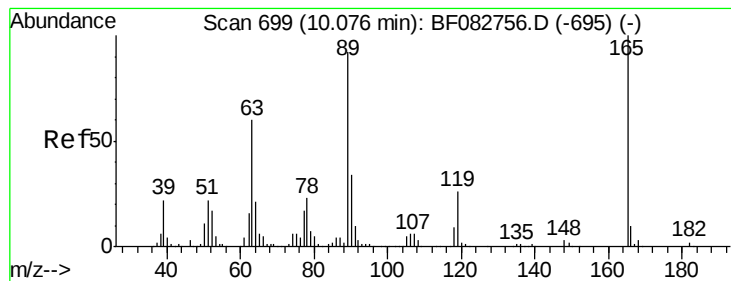
Tgt Ion:172 Resp: 2252650
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.8 46.2
 170 26.5 21.2 31.8



#49
 Dimethylphthalate
 Concen: 13.48 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082822.D
 Acq: 8 Nov 2015 5:01

Tgt Ion:163 Resp: 473438
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.4 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.30 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.18 min

Lab File: BF082822.D

Acq: 8 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SB-1RE

Tgt Ion:165 Resp: 53872

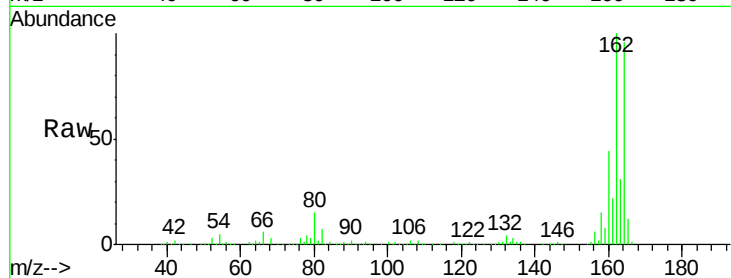
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.9 70.6 106.0#

182 0.0 1.5 2.3#

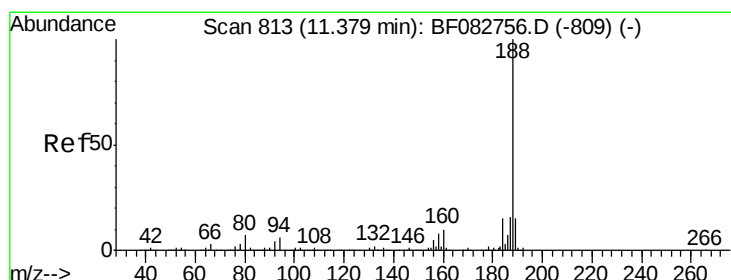
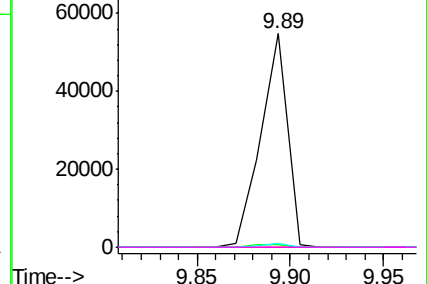
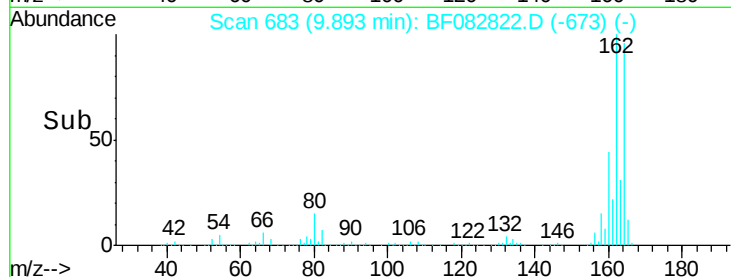


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082822.D

Acq: 8 Nov 2015 5:01

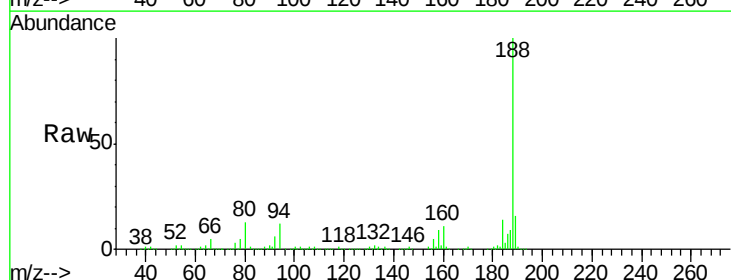
Tgt Ion:188 Resp: 693313

Ion Ratio Lower Upper

188 100

94 11.9 6.1 9.1#

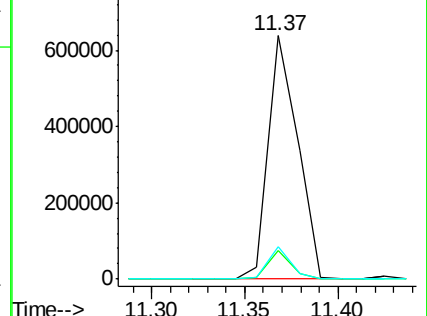
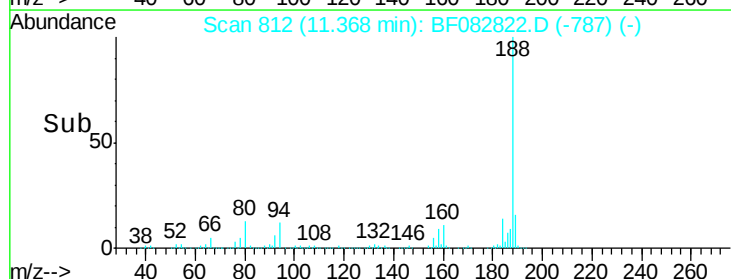
80 13.4 7.0 10.6#

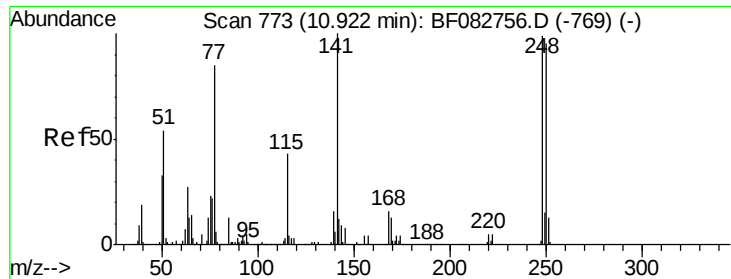


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

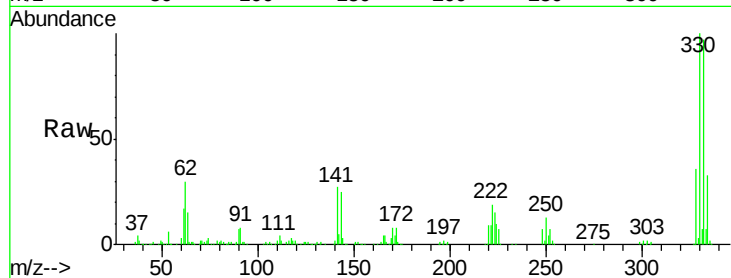




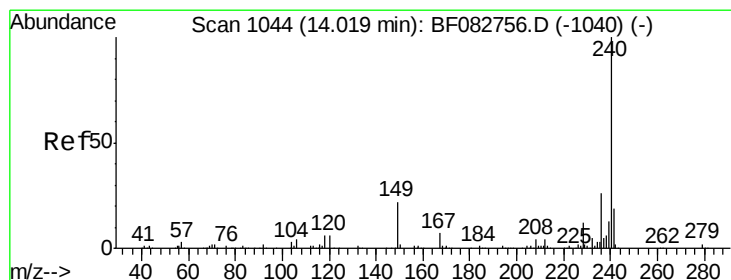
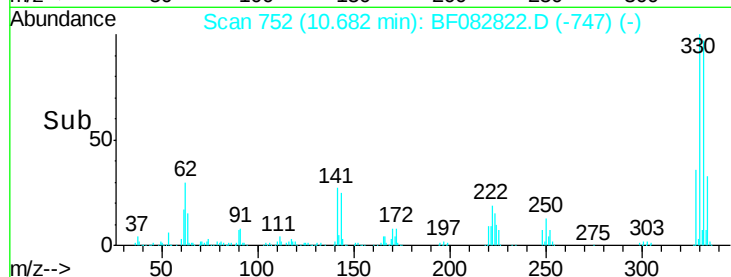
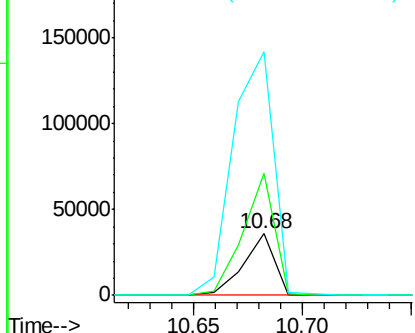
#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082822.D
Acq: 8 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
SB-1RE

Tgt Ion:248 Resp: 35130
Ion Ratio Lower Upper
248 100
250 197.6 79.4 119.2#
141 395.6 36.3 54.5#

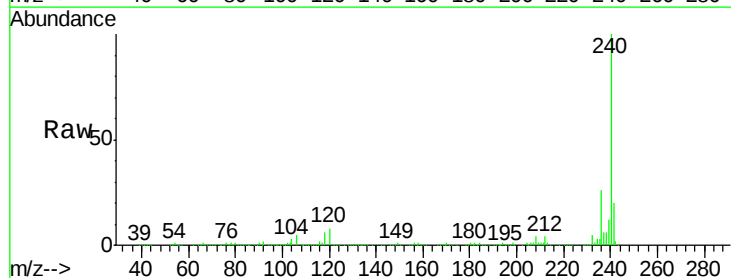


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

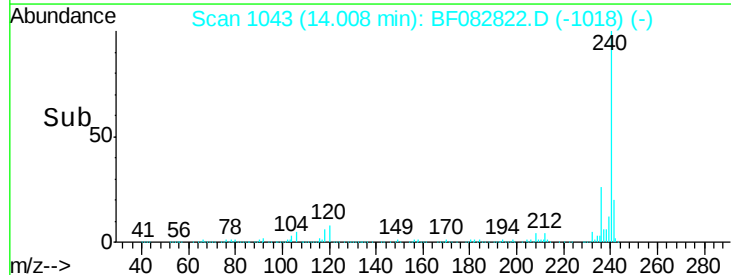
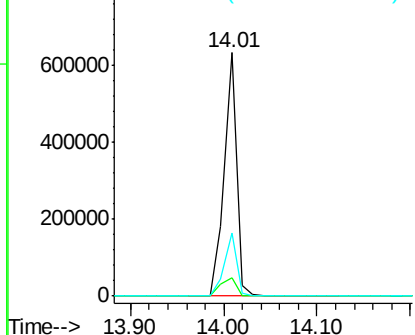


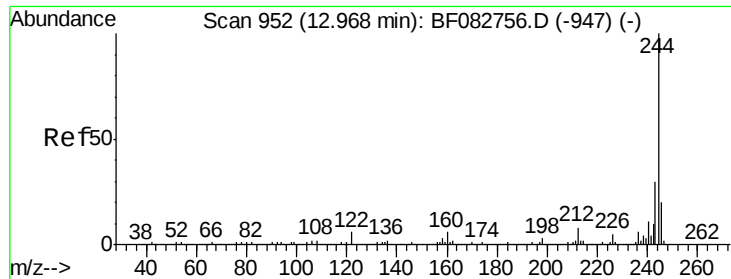
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082822.D
Acq: 8 Nov 2015 5:01

Tgt Ion:240 Resp: 584927
Ion Ratio Lower Upper
240 100
120 7.5 10.9 16.3#
236 25.9 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

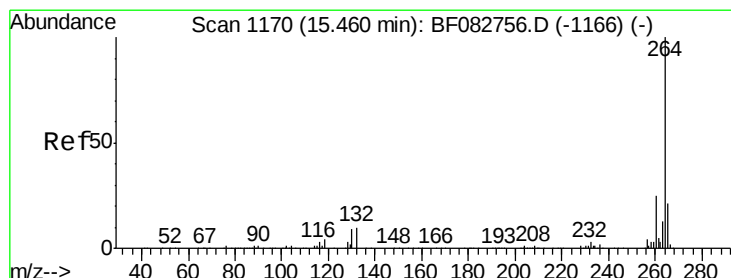
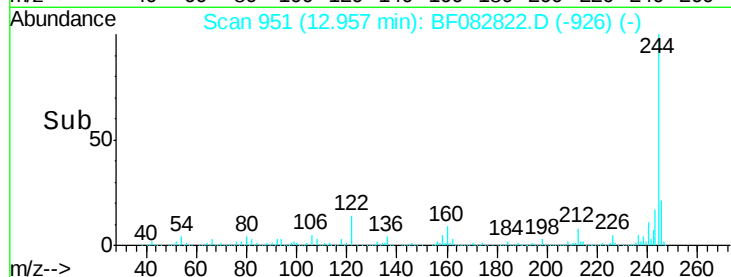
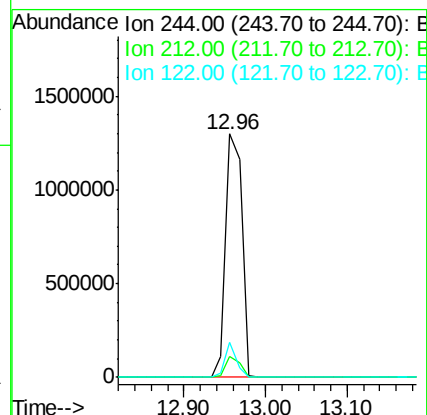
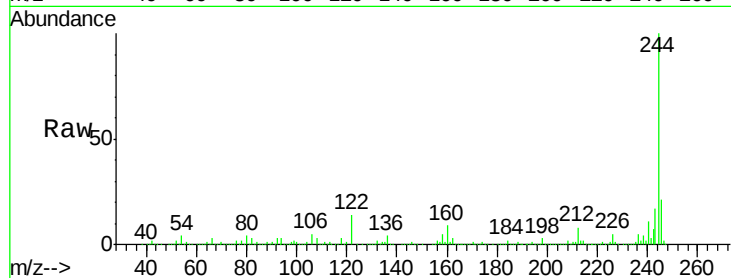




#78
 Terphenyl-d14
 Concen: 72.07 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082822.D
 Acq: 8 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-1RE

Tgt Ion:244 Resp: 1777453
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.6 11.4
 122 14.4 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082822.D
 Acq: 8 Nov 2015 5:01

Tgt Ion:264 Resp: 514363
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.6
 265 21.9 17.4 26.0

