

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082183.D
 Acq On : 10 Oct 2015 18:39
 Operator : UM/IZ
 Sample : G3979-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A13COMP

Quant Time: Oct 12 02:08:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

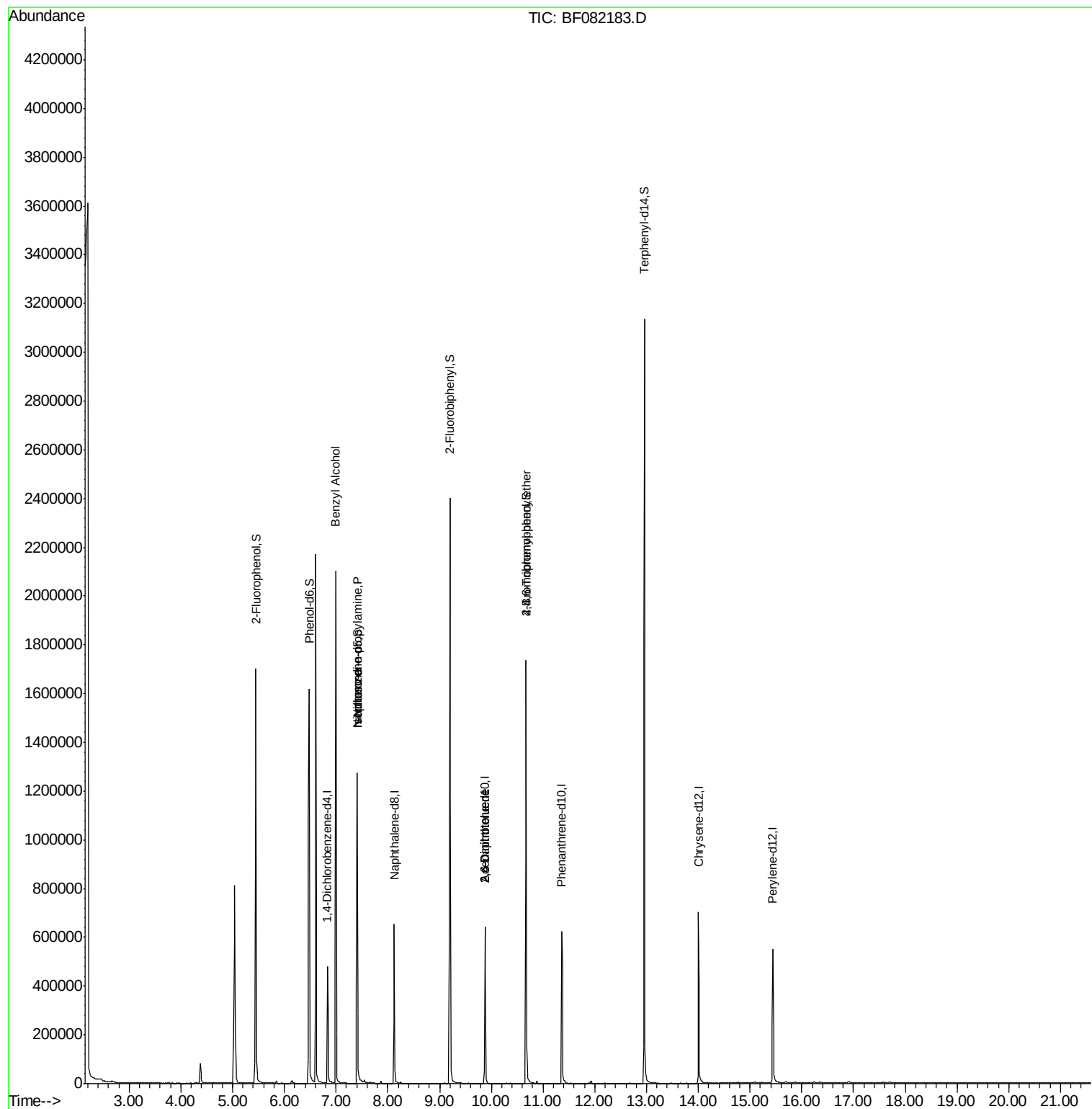
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93102	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	365828	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	181329	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	362450	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	348639	20.00	ng	-0.01
86) Perylene-d12	15.44	264	286528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	644235	139.65	ng	0.02
7) Phenol-d6	6.48	99	792904	132.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	515713	94.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	263911	155.19	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1055933	96.57	ng	-0.01
78) Terphenyl-d14	12.96	244	1273893	96.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	9059	2.19	ng	# 48
19) n-Nitroso-di-n-propylamine	7.41	70	66694	15.82	ng	# 80
25) Isophorone	7.41	82	410209	37.31	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	23082	8.57	ng	# 32
56) 2,4-Dinitrotoluene	9.87	165	23083	6.85	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	18052	4.98	ng	# 1

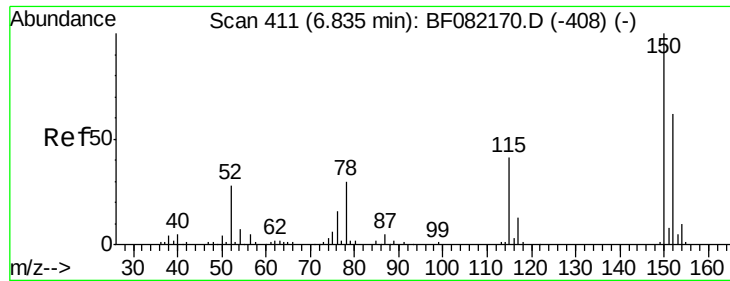
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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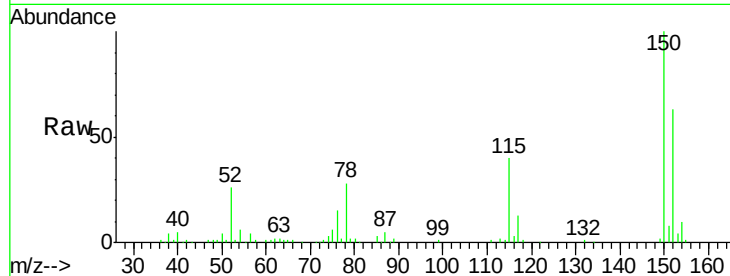


#1

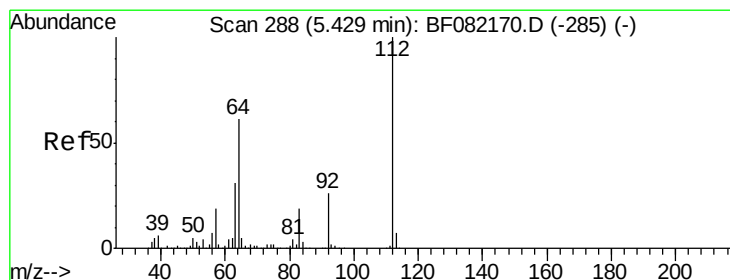
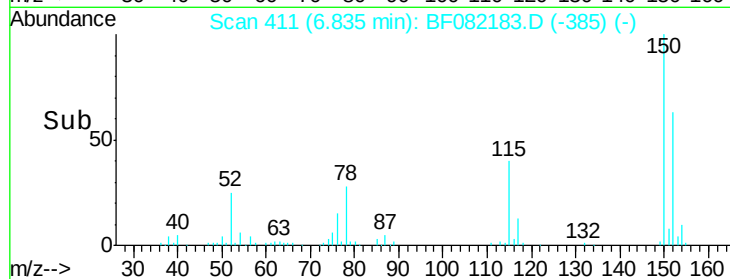
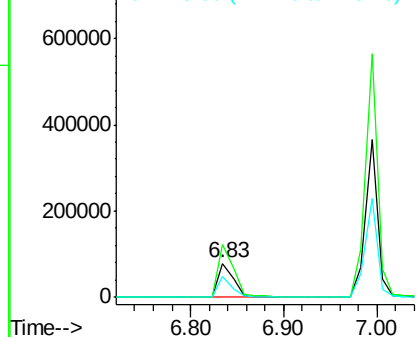
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082183.D
Acq: 10 Oct 2015 18:39

Instrument :
BNA_F
ClientSampleId :
A13COMP

Tot Ion:152 Resp: 93102
Ion Ratio Lower Upper
152 100
150 157.7 129.0 193.4
115 62.8 52.1 78.1



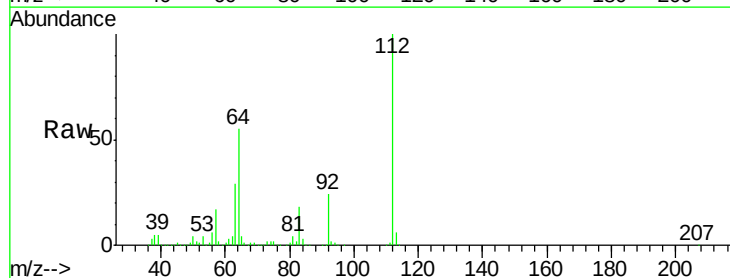
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



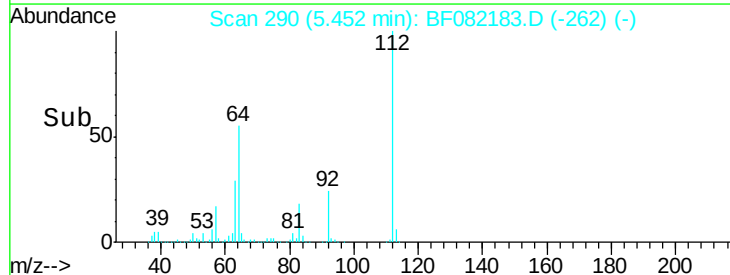
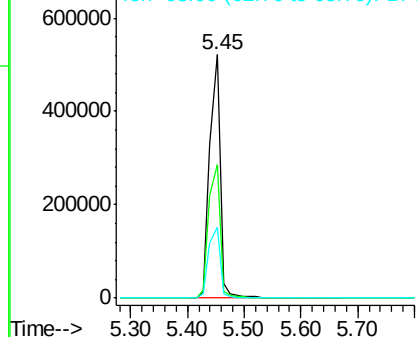
#5

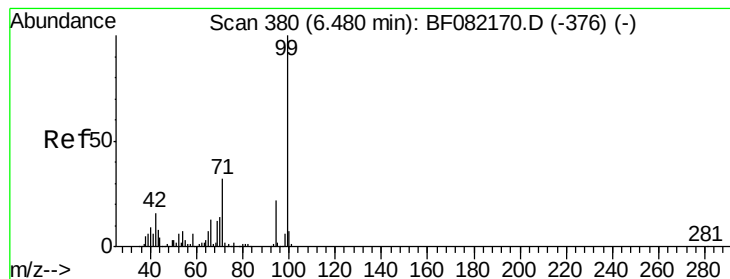
2-Fluorophenol
Concen: 139.65 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082183.D
Acq: 10 Oct 2015 18:39

Tgt Ion:112 Resp: 644235
Ion Ratio Lower Upper
112 100
64 54.8 48.6 73.0
63 29.2 25.1 37.7



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: 132.08 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

Instrument :

BNA_F

ClientSampleId :

A13COMP

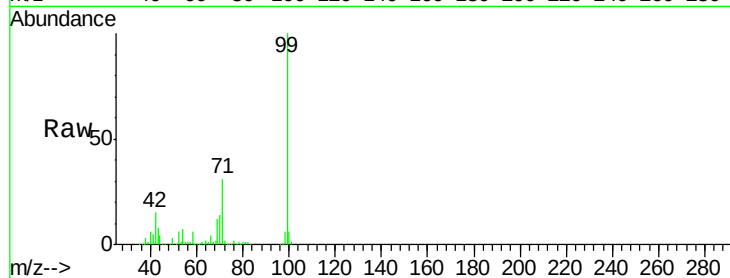
Tot Ion: 99 Resp: 792904

Ion Ratio Lower Upper

99 100

42 15.3 13.2 19.8

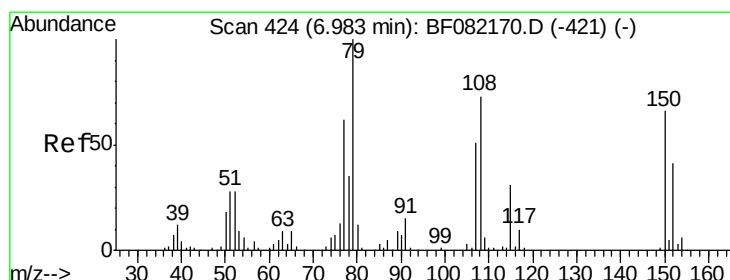
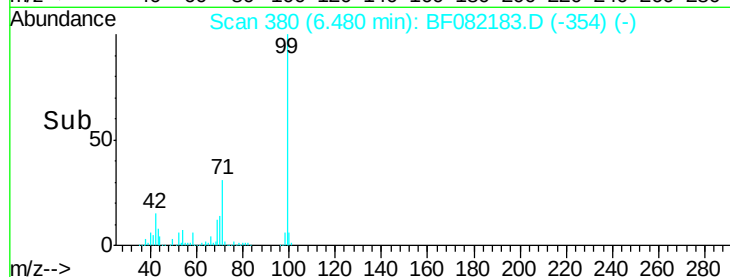
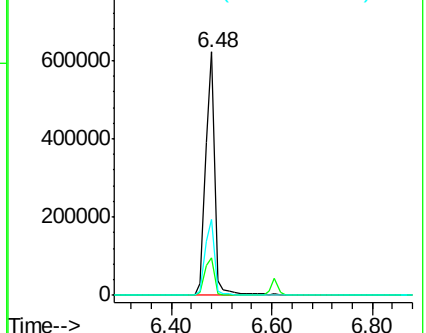
71 31.5 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

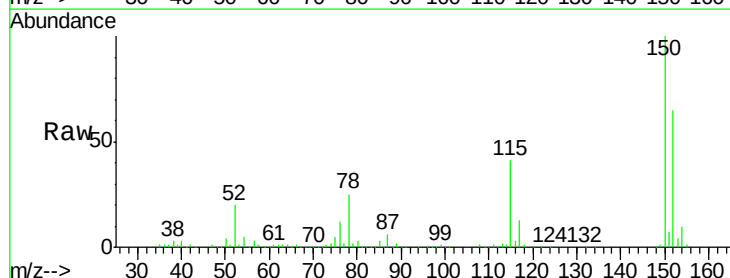
Tgt Ion: 79 Resp: 9059

Ion Ratio Lower Upper

79 100

108 32.4 58.4 87.6#

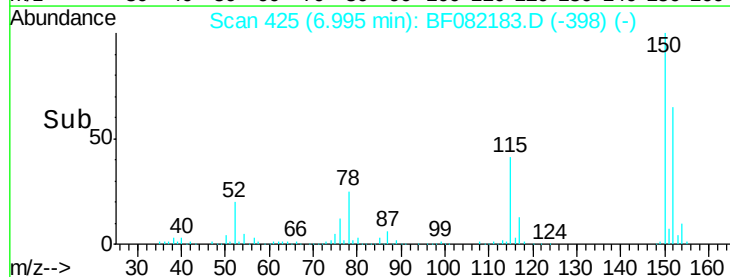
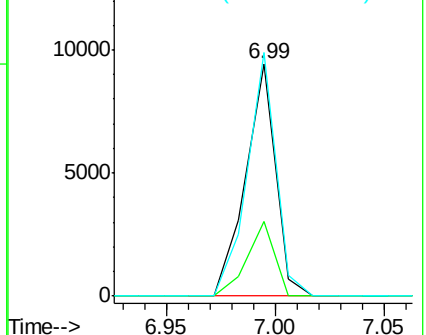
77 104.8 49.8 74.6#

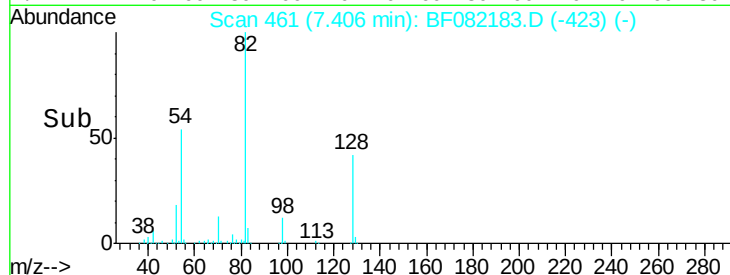
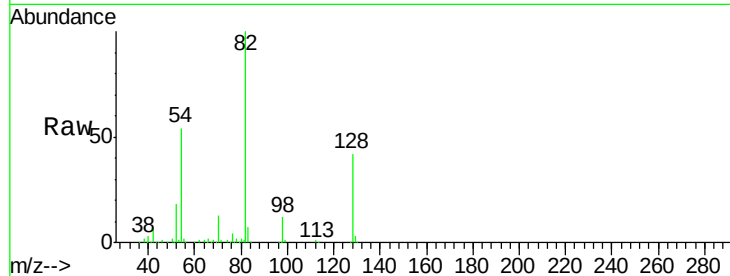
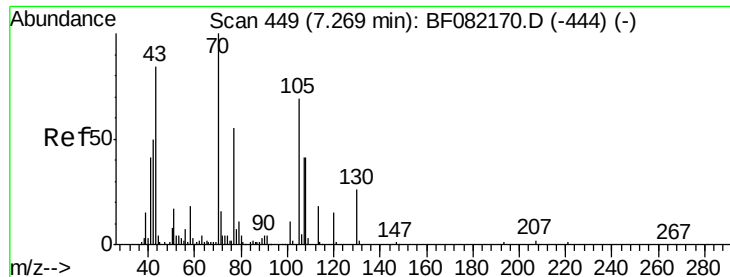


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

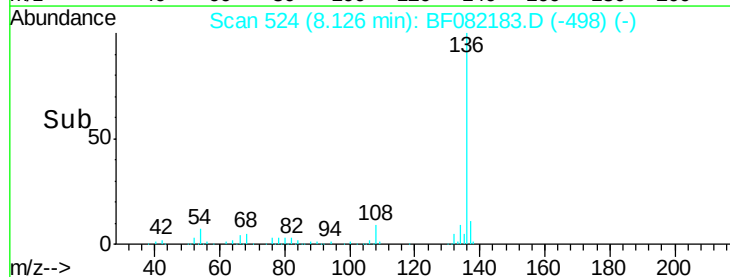
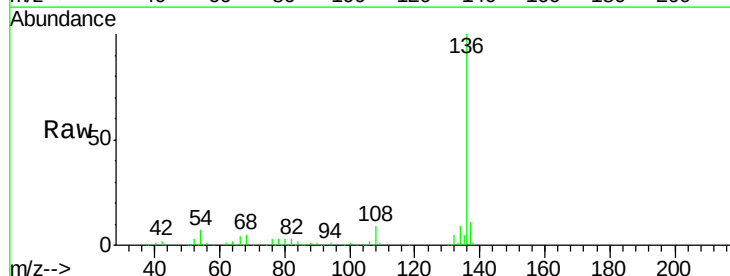
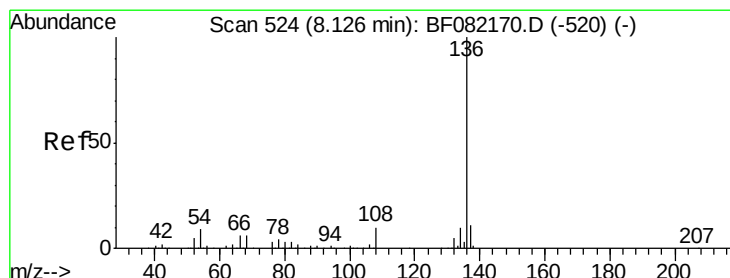
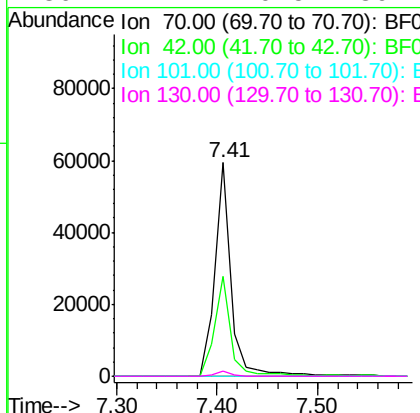




#19
n-Nitroso-di-n-propylamine
Concen: 15.82 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF082183.D
Acq: 10 Oct 2015 18:39

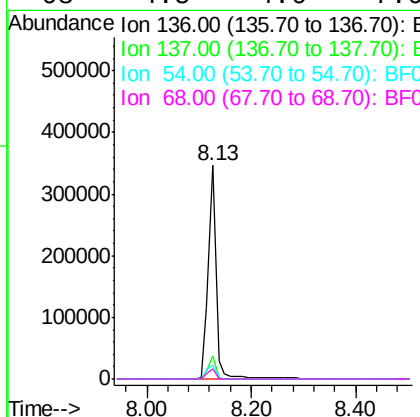
Instrument :
BNA_F
ClientSampleId :
A13COMP

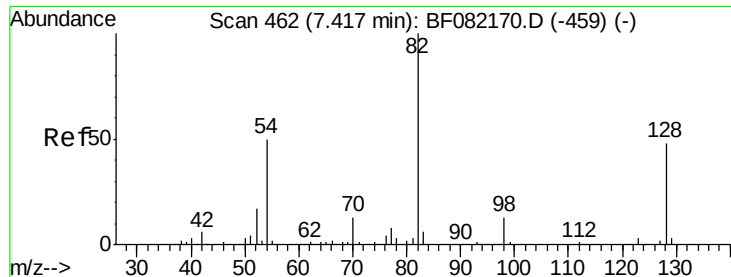
Tot Ion: 70 Resp: 66694
Ion Ratio Lower Upper
70 100
42 46.8 39.8 59.8
101 0.0 8.6 13.0#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082183.D
Acq: 10 Oct 2015 18:39

Tgt Ion:136 Resp: 365828
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 6.7 7.5 11.3#
68 4.5 4.6 7.0#

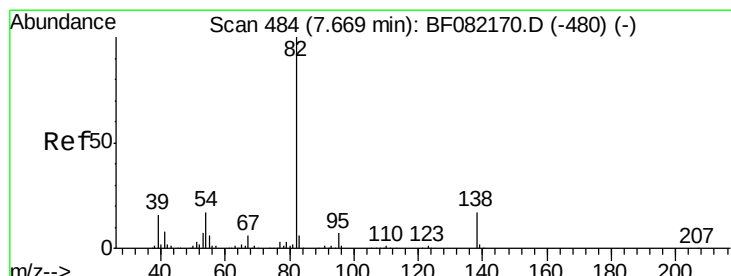
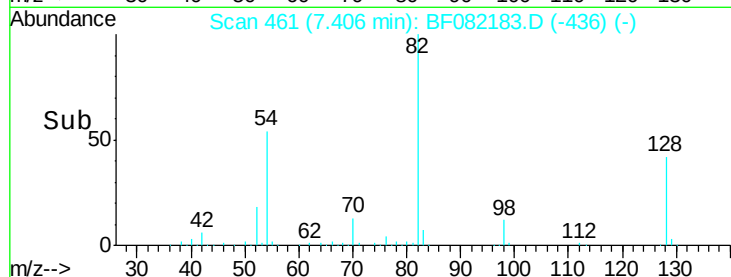
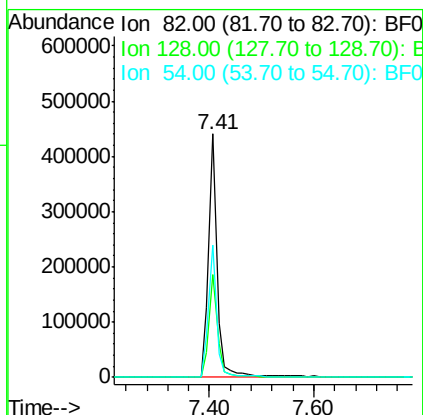
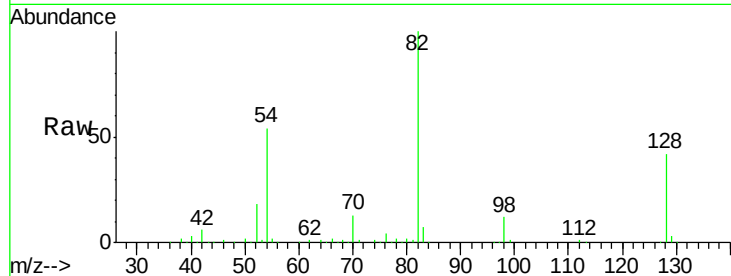




#23
Nitrobenzene-d5
Concen: 94.67 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082183.D
Acq: 10 Oct 2015 18:39

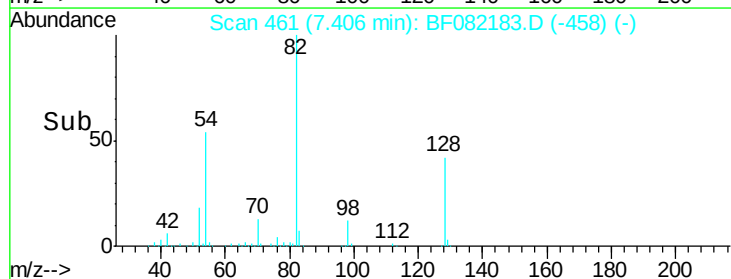
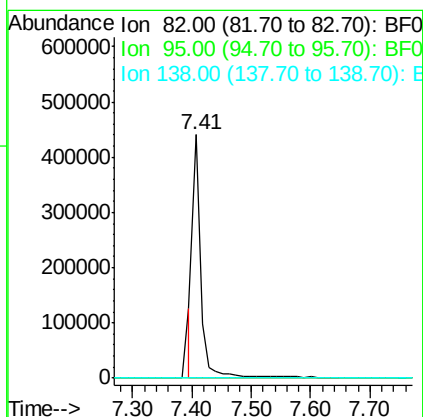
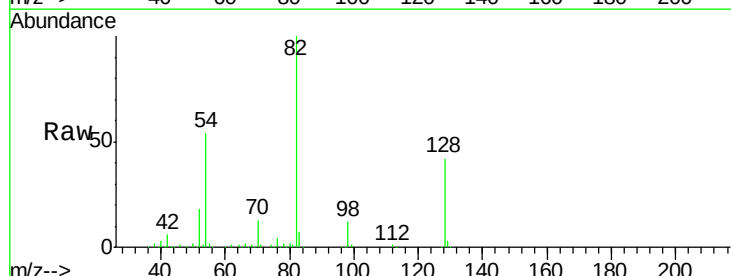
Instrument :
BNA_F
ClientSampleId :
A13COMP

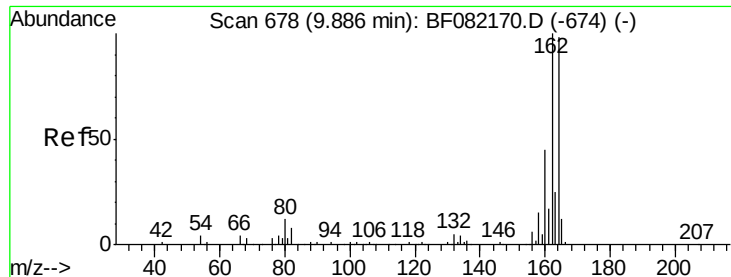
Tot Ion: 82 Resp: 515713
Ion Ratio Lower Upper
82 100
128 42.1 38.7 58.1
54 54.4 40.1 60.1



#25
Isophorone
Concen: 37.31 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082183.D
Acq: 10 Oct 2015 18:39

Tgt Ion: 82 Resp: 410209
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

Instrument :

BNA_F

ClientSampleId :

A13COMP

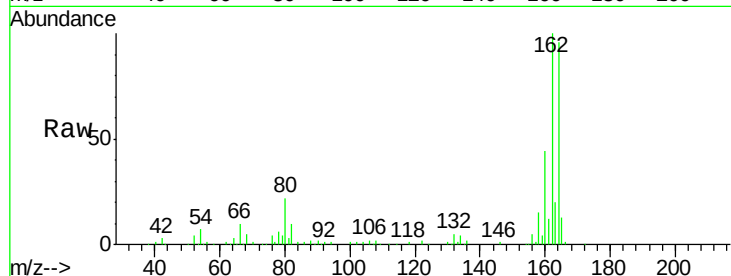
Tot Ion:164 Resp: 181329

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

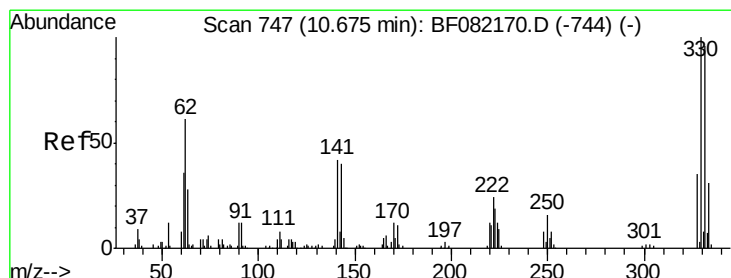
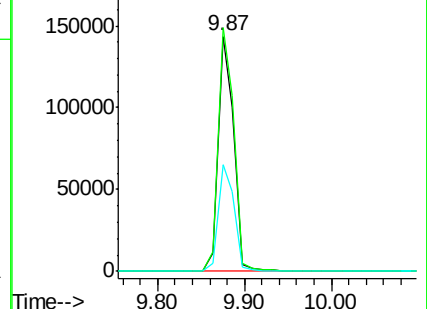
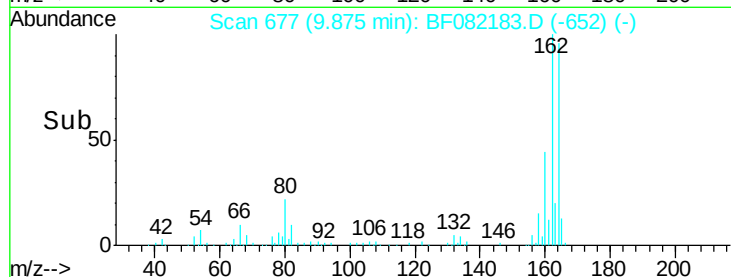
160 45.2 36.4 54.6



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: 155.19 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

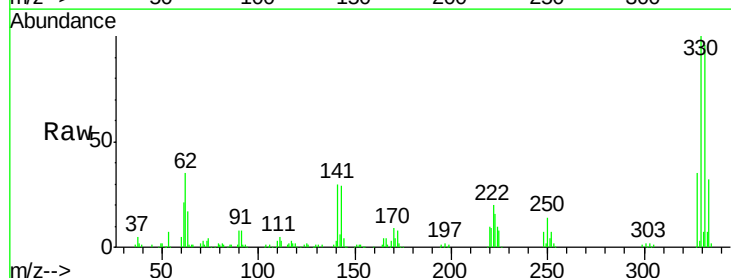
Tgt Ion:330 Resp: 263911

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

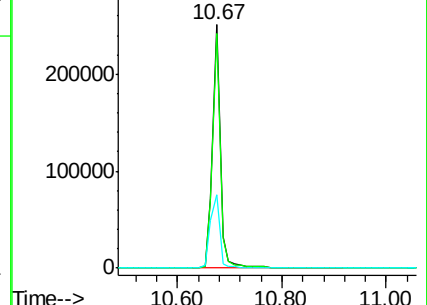
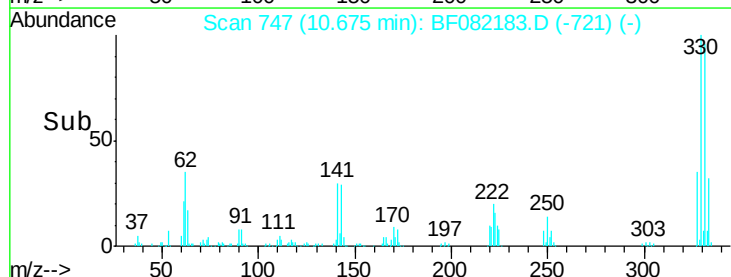
141 36.4 29.8 44.8

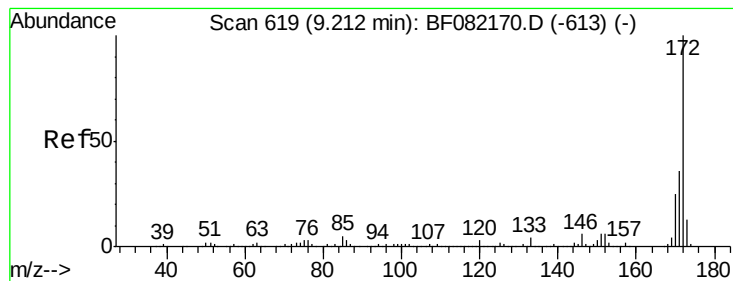


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.57 ng

RT: 9.20 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

Instrument :

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ClientSampleId :

A13COMP

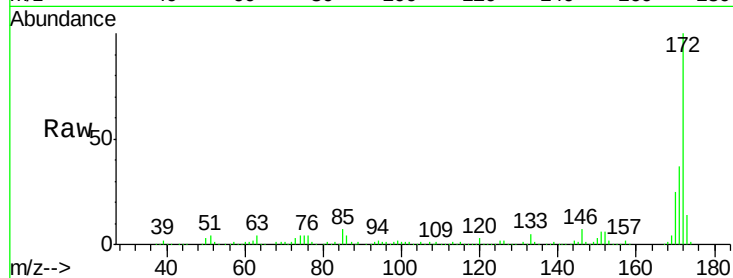
Tot Ion:172 Resp: 1055933

Ion Ratio Lower Upper

172 100

171 36.8 28.6 42.8

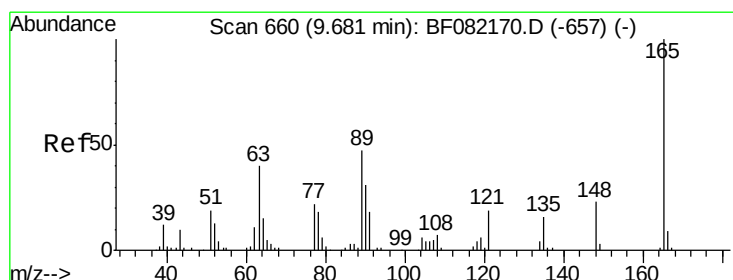
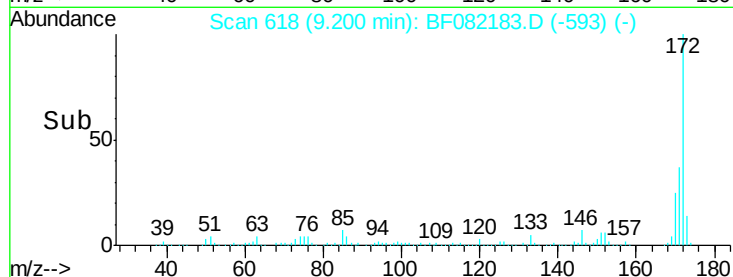
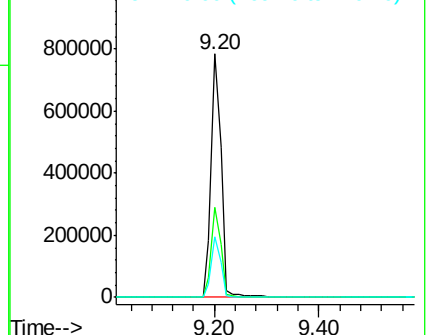
170 25.0 19.7 29.5



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



#50

2,6-Dinitrotoluene

Concen: 8.57 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.19 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

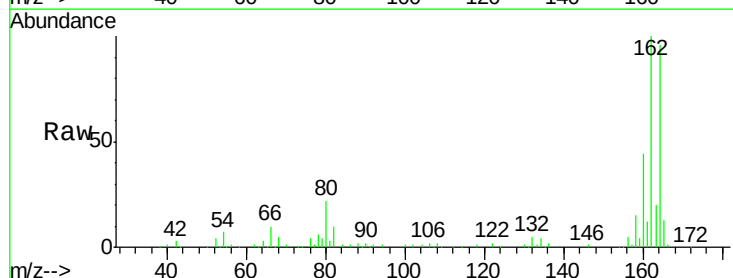
Tgt Ion:165 Resp: 23082

Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

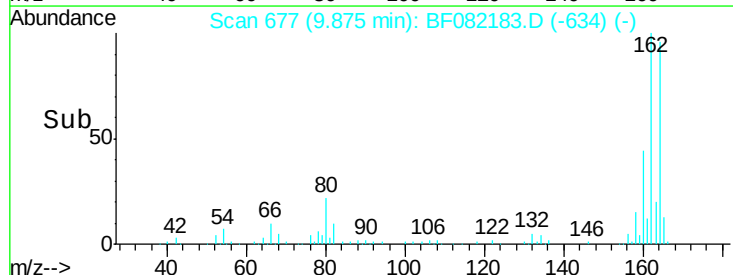
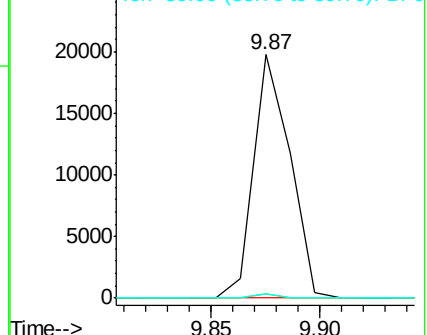
89 1.8 37.8 56.6#

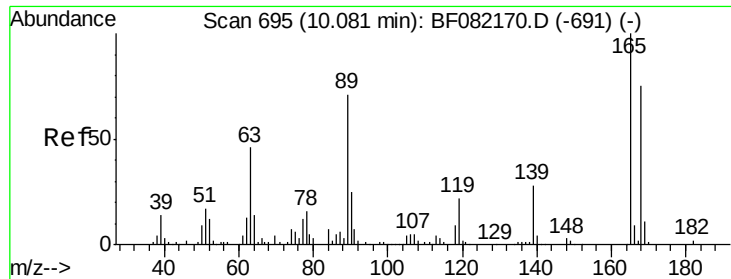


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

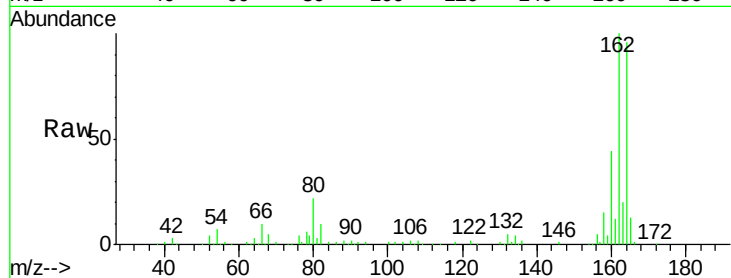




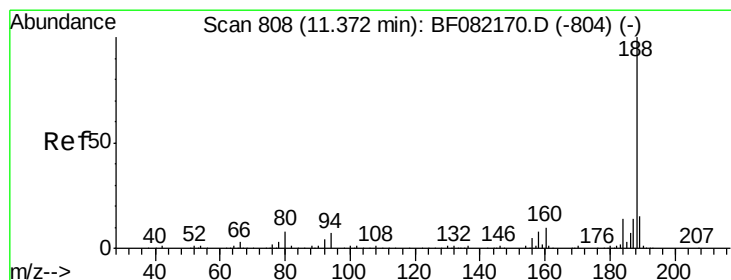
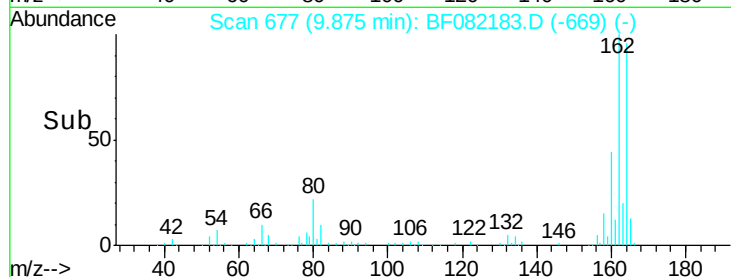
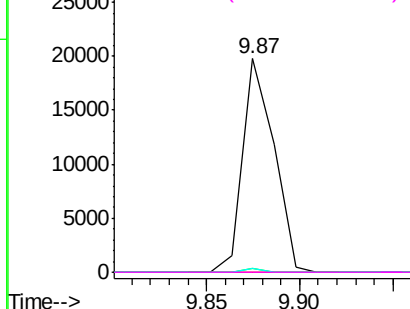
#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082183.D
 Acq: 10 Oct 2015 18:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMP

Tot Ion:165 Resp: 23083
 Ion Ratio Lower Upper
 165 100
 63 1.5 38.6 58.0#
 89 1.8 57.0 85.6#
 182 0.0 1.8 2.6#

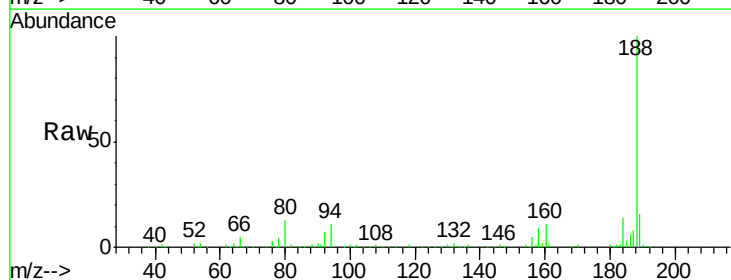


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

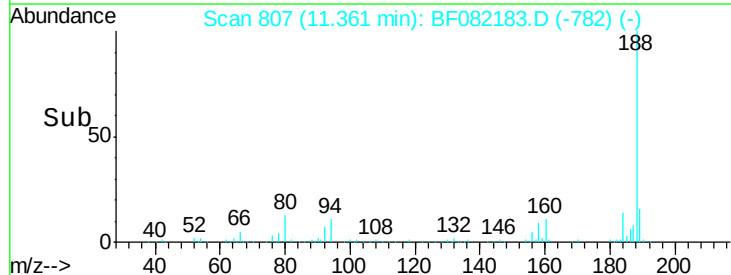
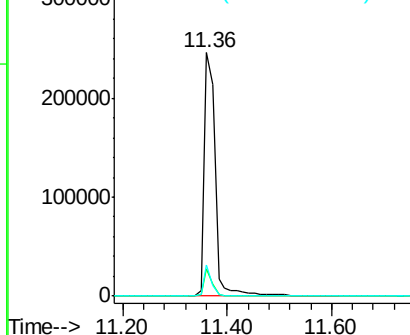


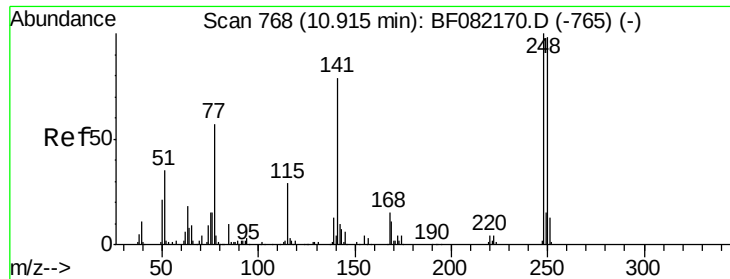
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF082183.D
 Acq: 10 Oct 2015 18:39

Tgt Ion:188 Resp: 362450
 Ion Ratio Lower Upper
 188 100
 94 11.4 5.8 8.6#
 80 12.7 6.4 9.6#



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: 4.98 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

Instrument :

BNA_F

ClientSampleId :

A13COMP

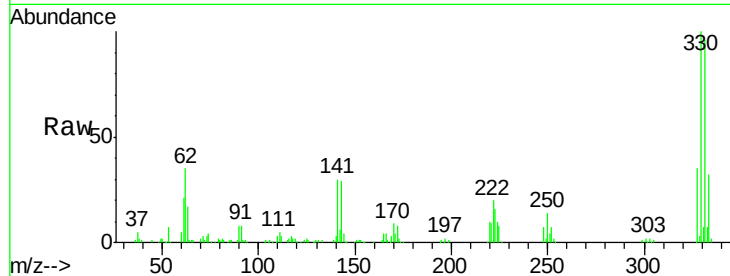
Tot Ion:248 Resp: 18052

Ion Ratio Lower Upper

248 100

250 199.5 78.6 117.8#

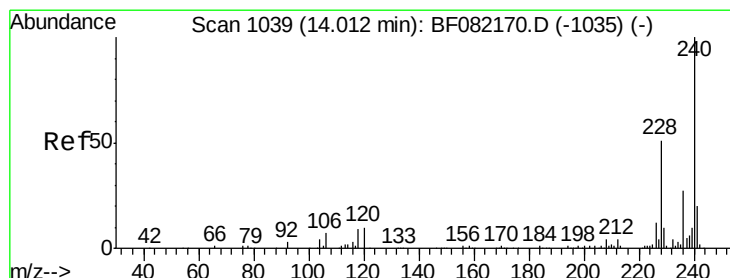
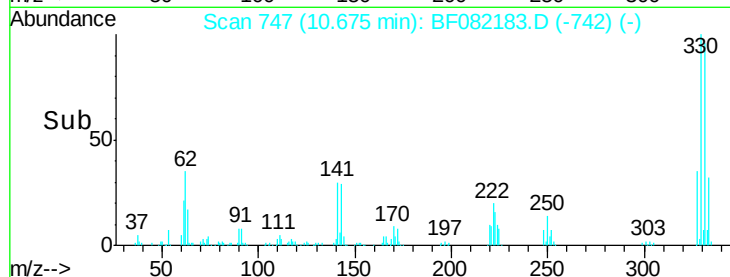
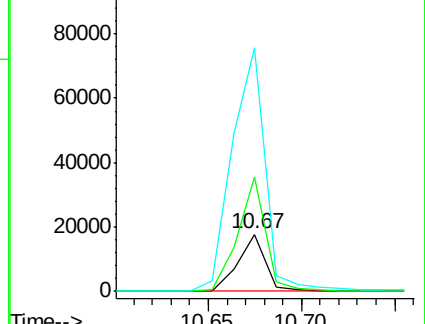
141 425.4 63.3 94.9#



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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082183.D

Acq: 10 Oct 2015 18:39

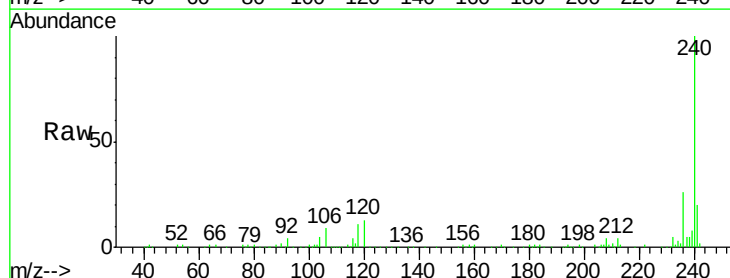
Tgt Ion:240 Resp: 348639

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

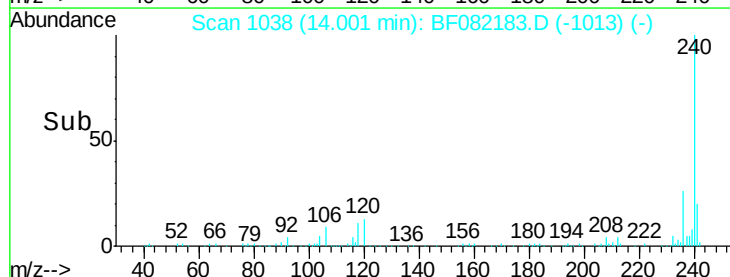
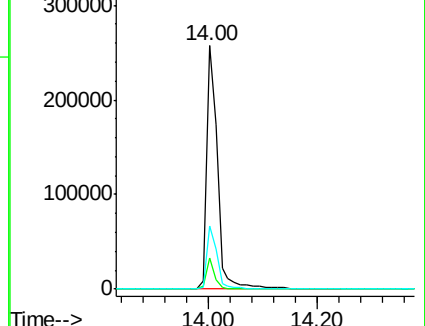
236 25.7 21.3 31.9

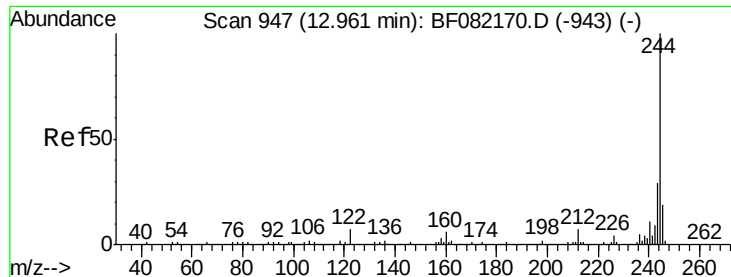


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



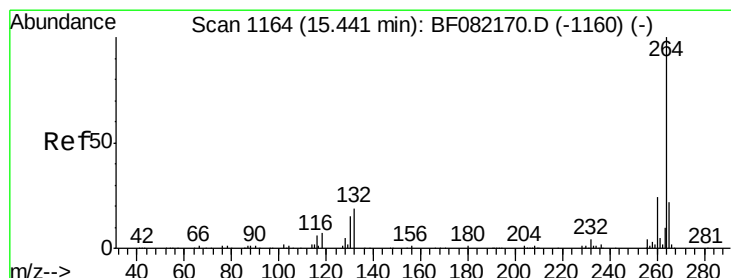
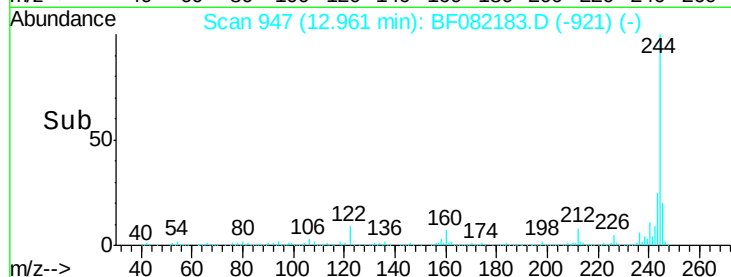
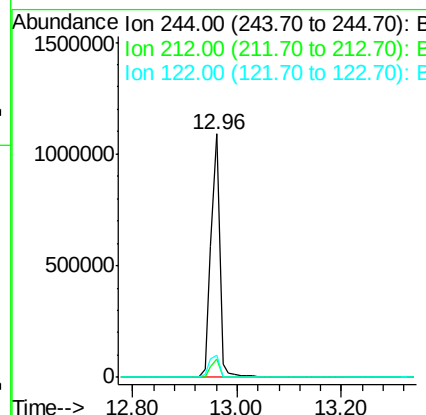
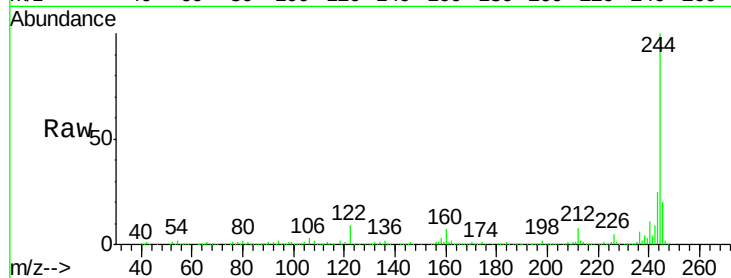


#78
 Terphenyl-d14
 Concen: 96.83 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082183.D
 Acq: 10 Oct 2015 18:39

Instrument :
 BNA_F
 ClientSampleId :
 A13COMP

Tot Ion:244 Resp: 1273893

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.9	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082183.D
 Acq: 10 Oct 2015 18:39

Tgt Ion:264 Resp: 286528

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.2	17.3	25.9

