

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082839.D
 Acq On : 9 Nov 2015 19:55
 Operator : UM/IZ
 Sample : G4306-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D2

Quant Time: Nov 10 02:53:00 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

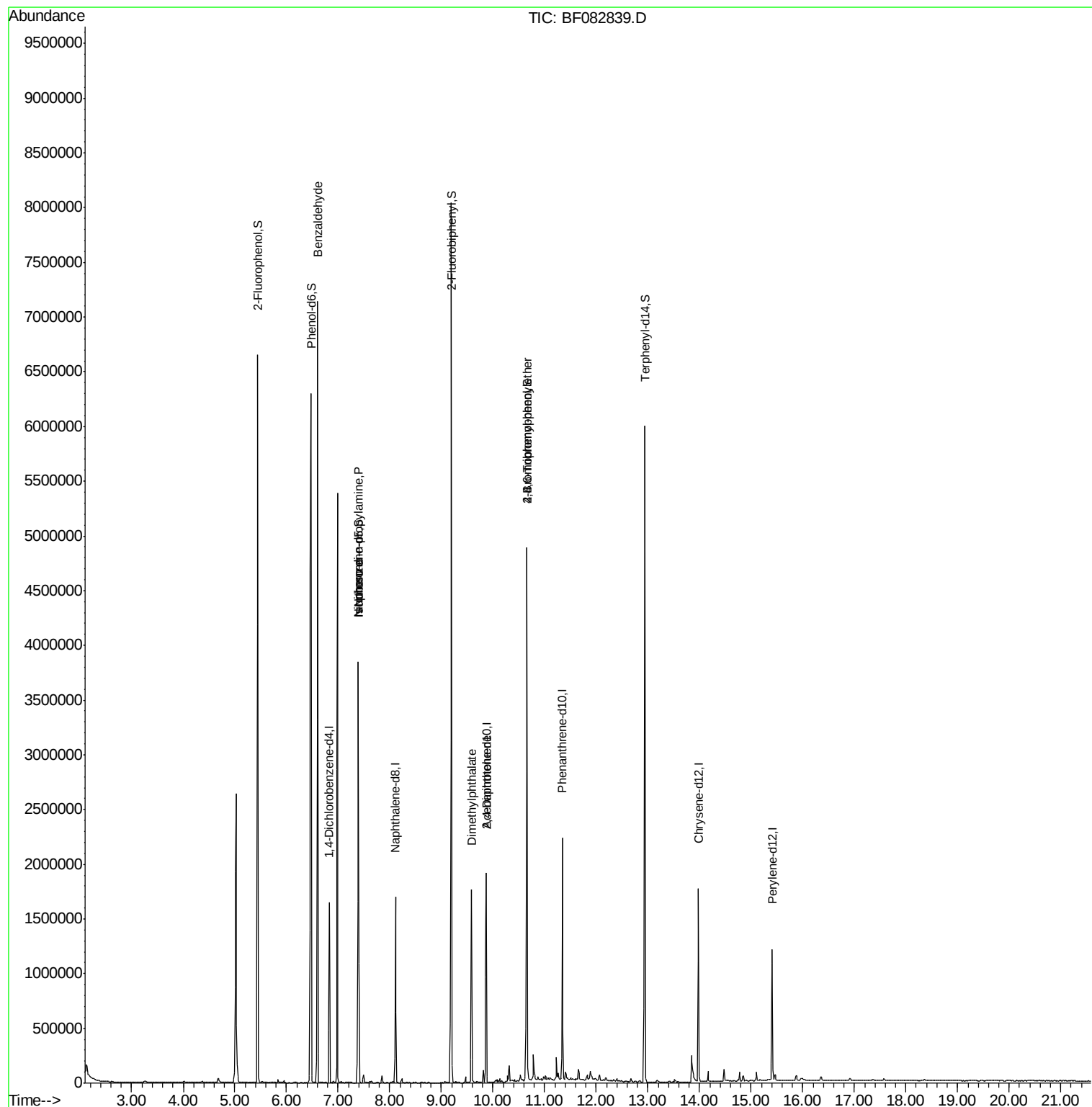
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243665	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	839758	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	443601	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	782736	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	765789	20.00	ng	-0.03
86) Perylene-d12	15.41	264	672762	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2128876	135.94	ng	0.00
7) Phenol-d6	6.48	99	2931039	140.78	ng	0.00
23) Nitrobenzene-d5	7.39	82	1635635	84.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	667205	131.18	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2522498	81.50	ng	-0.02
78) Terphenyl-d14	12.94	244	2610309	80.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	54727	4.76	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.39	70	222520	14.54	ng	# 71
25) Isophorone	7.39	82	1589699	44.52	ng	# 69
49) Dimethylphthalate	9.58	163	641100	17.64	ng	100
56) 2,4-Dinitrotoluene	9.87	165	57536	5.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	48298	5.12	ng	# 1

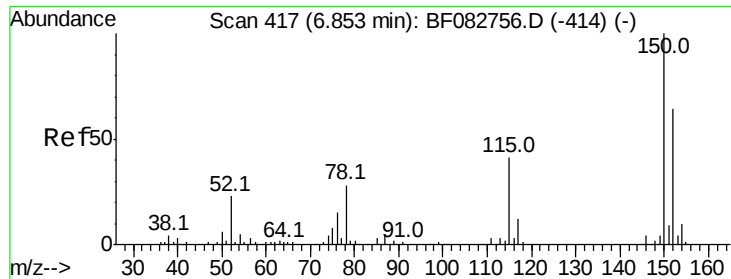
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

Instrument :

BNA_F

ClientSampled :

D2

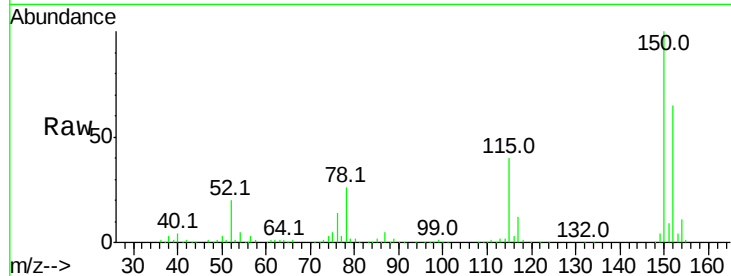
Tot Ion:152 Resp: 243665

Ion Ratio Lower Upper

152 100

150 152.9 127.0 190.4

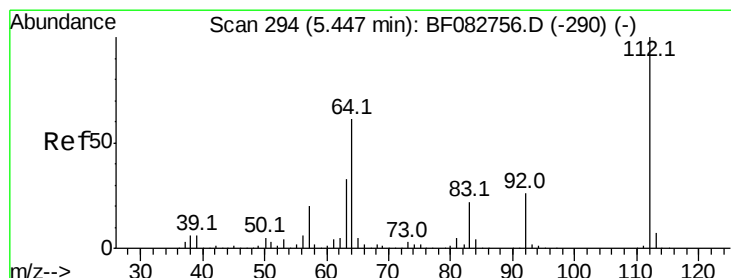
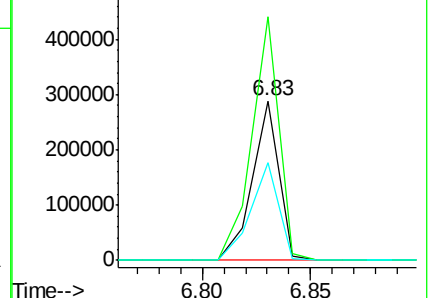
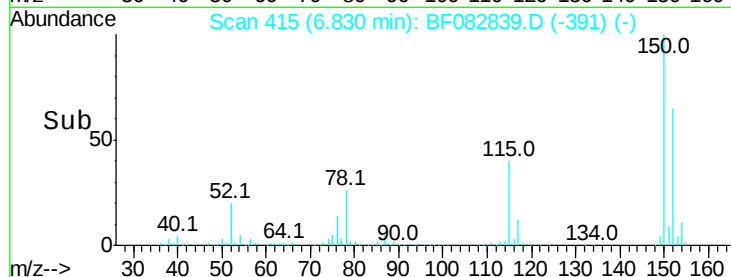
115 61.2 47.0 70.6



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: 135.94 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

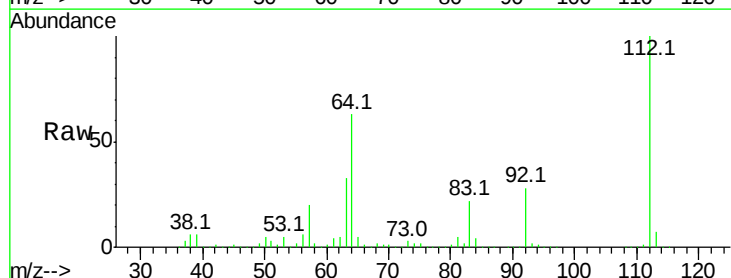
Tgt Ion:112 Resp: 2128876

Ion Ratio Lower Upper

112 100

64 63.2 48.9 73.3

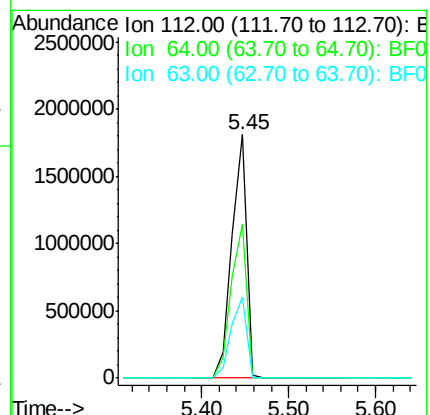
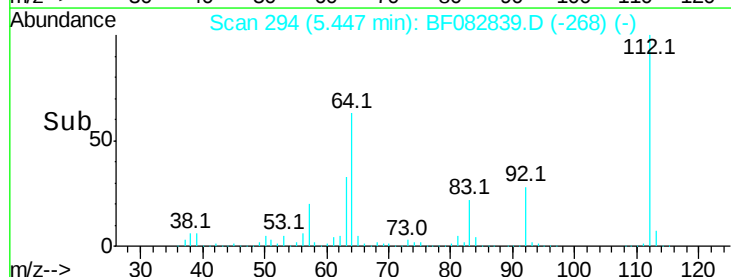
63 33.4 28.1 42.1

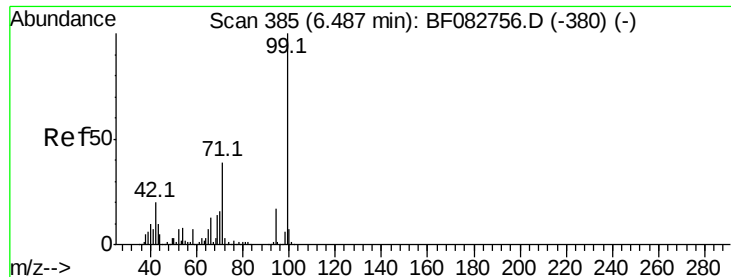


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.78 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

Instrument :

BNA_F

ClientSampled :

D2

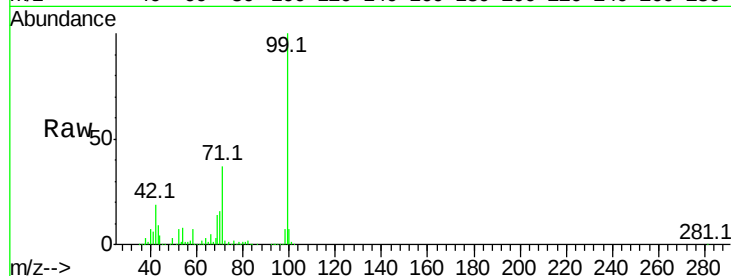
Tot Ion: 99 Resp: 2931039

Ion Ratio Lower Upper

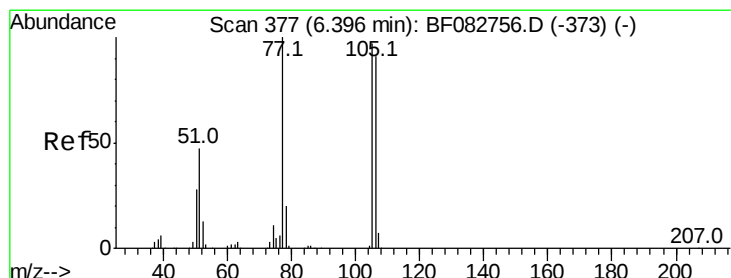
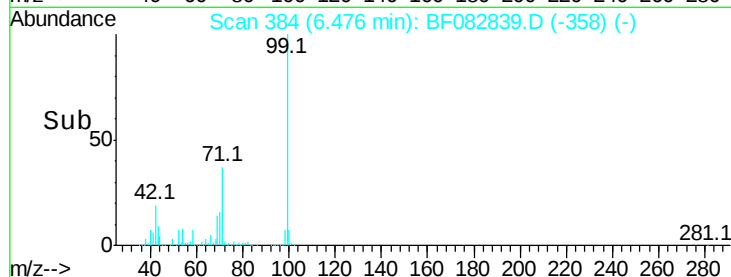
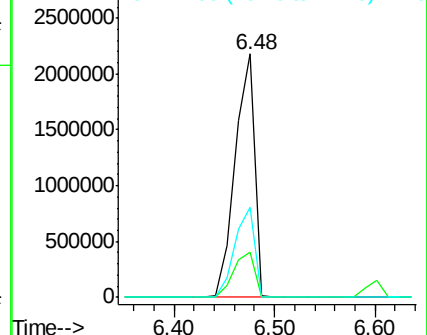
99 100

42 18.6 19.2 28.8#

71 37.1 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: 4.76 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

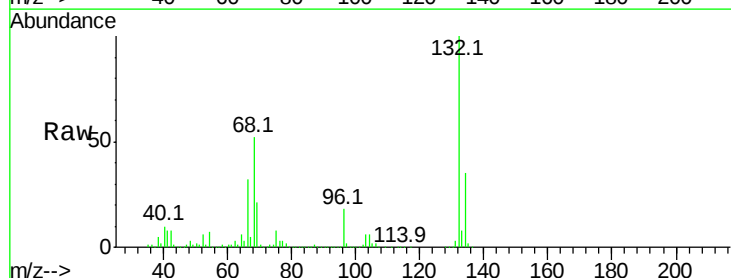
Tgt Ion: 77 Resp: 54727

Ion Ratio Lower Upper

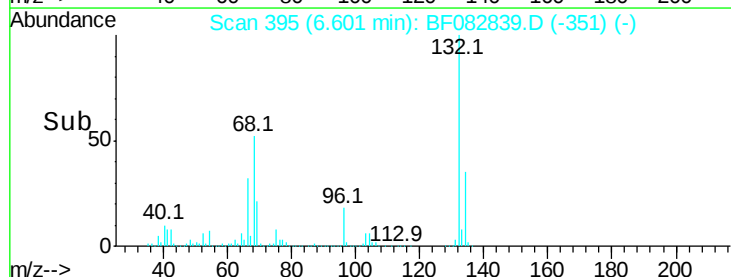
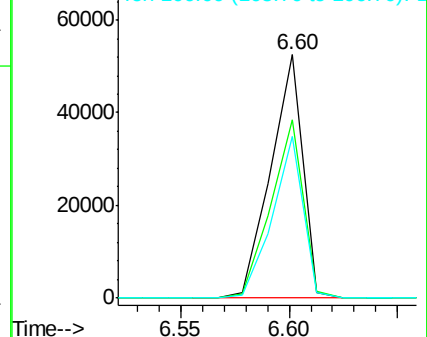
77 100

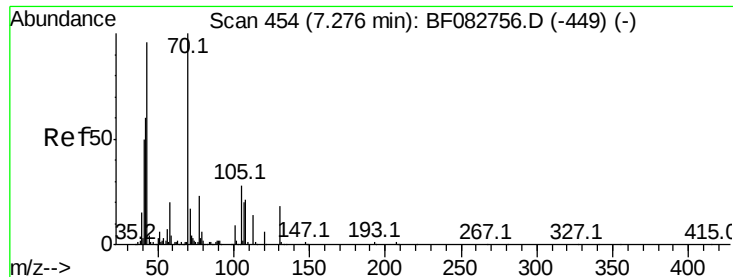
105 73.5 63.5 103.5

106 66.2 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: 14.54 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.13 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

Instrument :

BNA_F

ClientSampleId :

D2

Tot Ion: 70 Resp: 222520

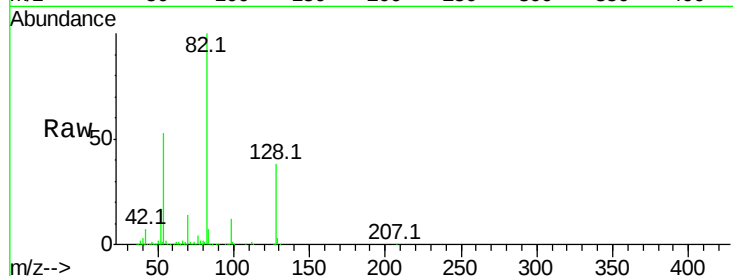
Ion Ratio Lower Upper

70 100

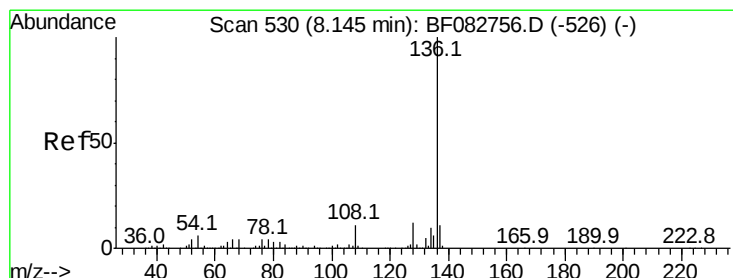
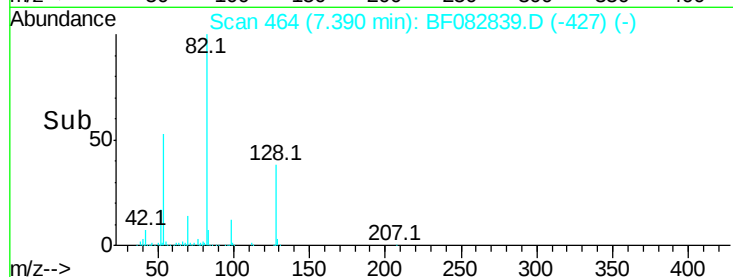
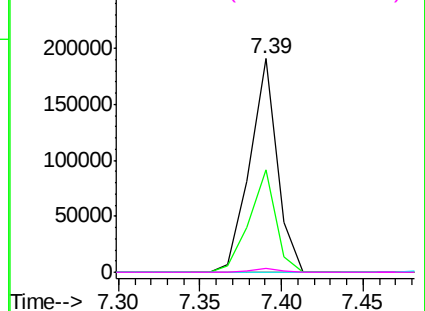
42 47.8 57.7 86.5#

101 0.0 7.0 10.6#

130 2.0 11.8 17.6#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

Tgt Ion: 136 Resp: 839758

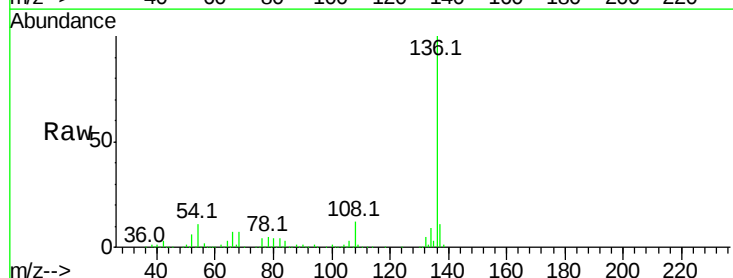
Ion Ratio Lower Upper

136 100

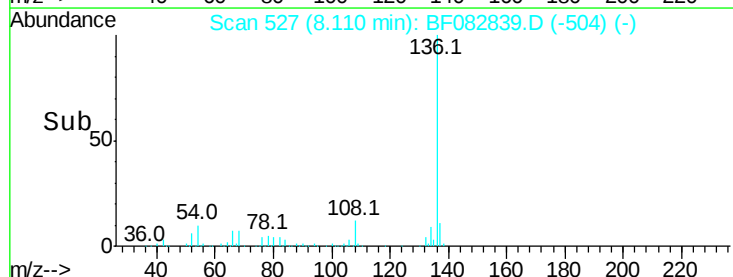
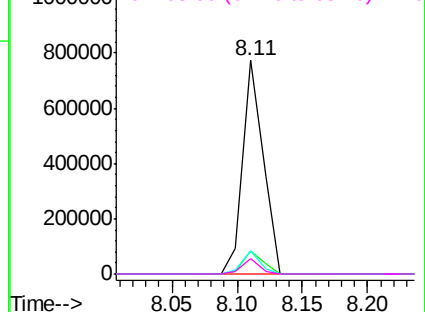
137 11.0 9.1 13.7

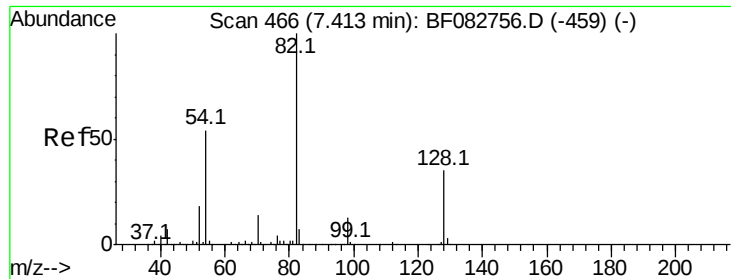
54 10.5 9.1 13.7

68 7.2 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



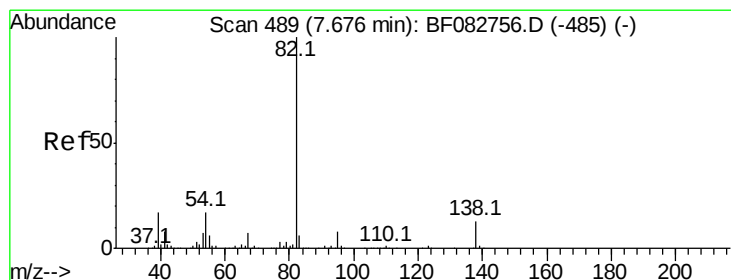
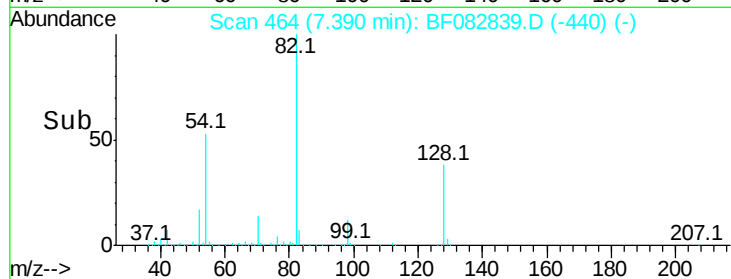
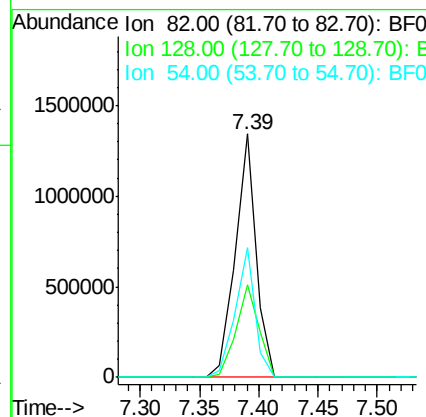
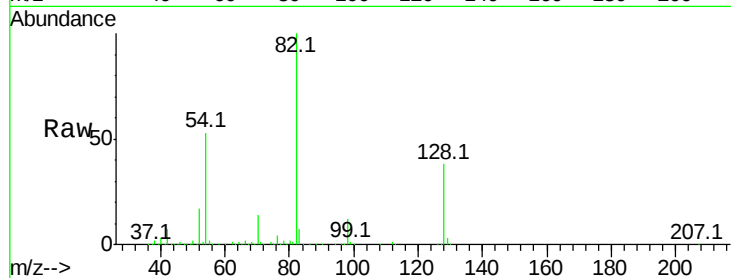


#23
 Nitrobenzene-d5
 Concen: 84.75 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082839.D
 Acq: 9 Nov 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 D2

Tot Ion: 82 Resp: 1635635

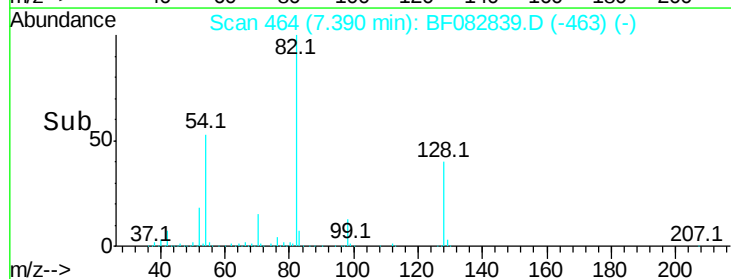
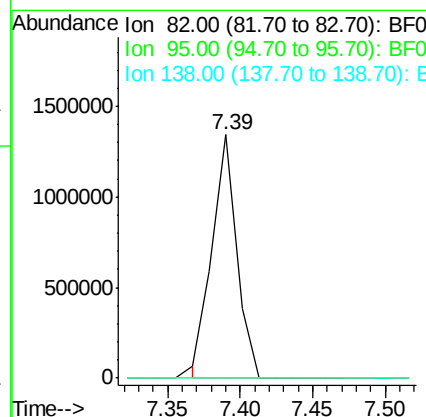
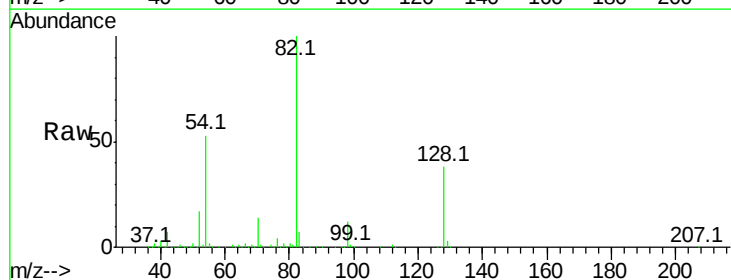
Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.8	40.2
54	53.3	45.7	68.5

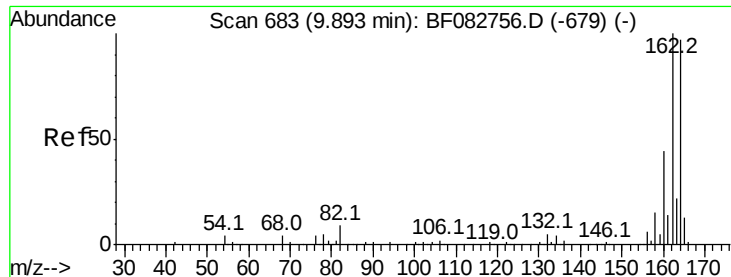


#25
 Isophorone
 Concen: 44.52 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF082839.D
 Acq: 9 Nov 2015 19:55

Tgt Ion: 82 Resp: 1589699

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

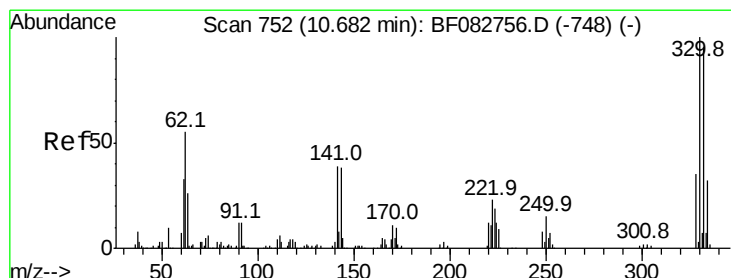
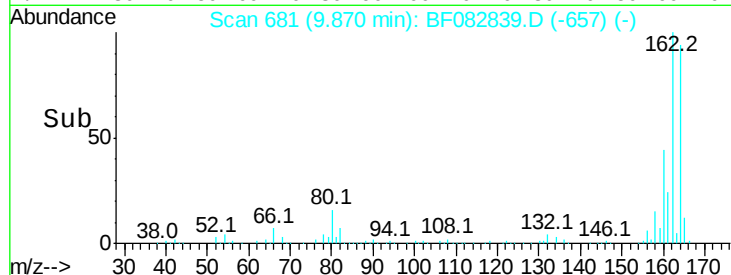
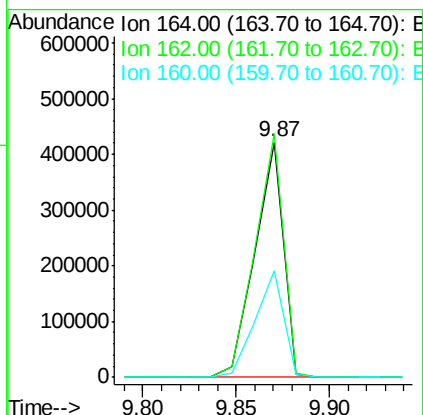
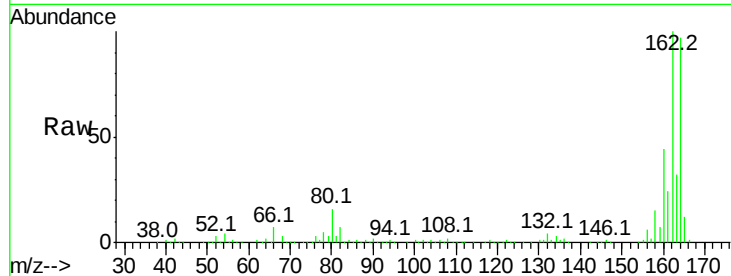




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082839.D
 Acq: 9 Nov 2015 19:55

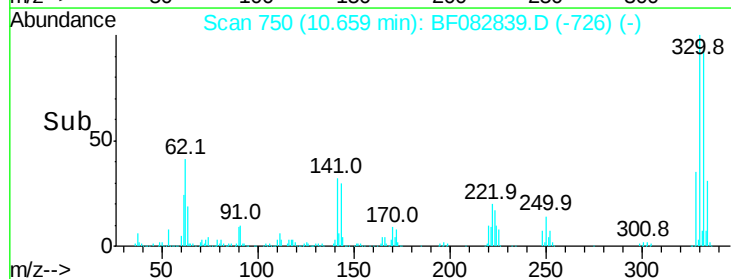
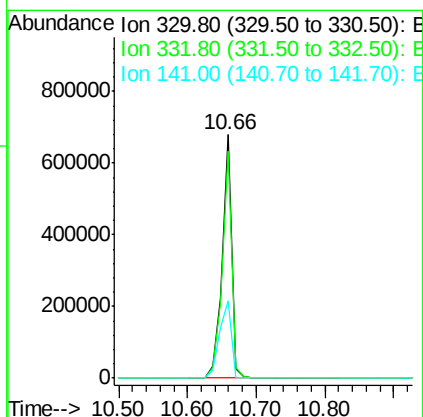
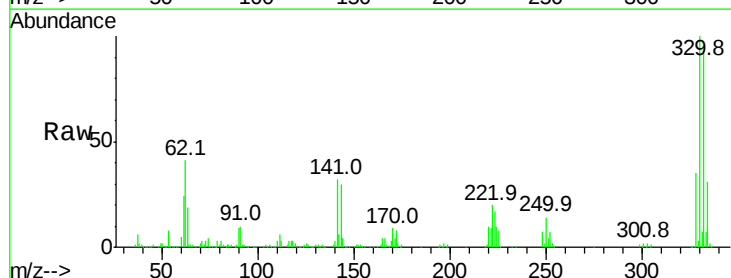
Instrument :
 BNA_F
 ClientSampleId :
 D2

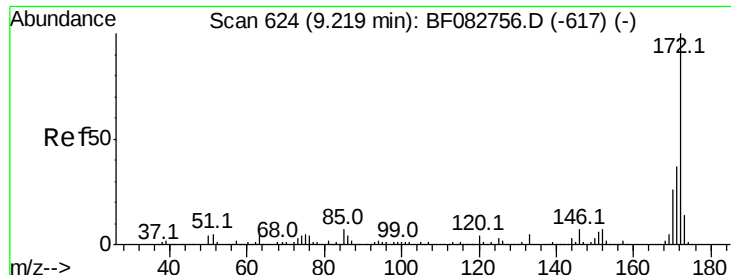
Tot Ion:164 Resp: 443601
 Ion Ratio Lower Upper
 164 100
 162 103.6 84.9 127.3
 160 45.3 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 131.18 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082839.D
 Acq: 9 Nov 2015 19:55

Tgt Ion:330 Resp: 667205
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 114.8
 141 39.8 41.2 61.8#

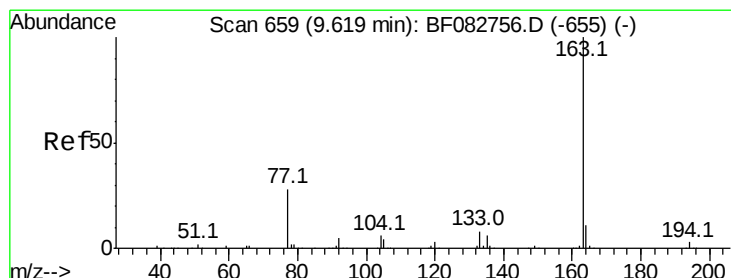
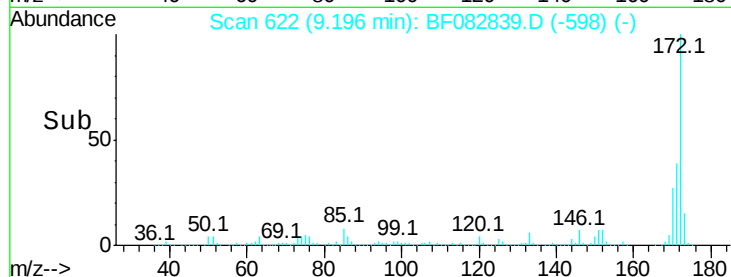
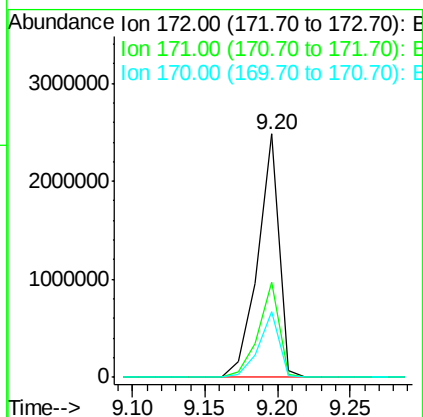
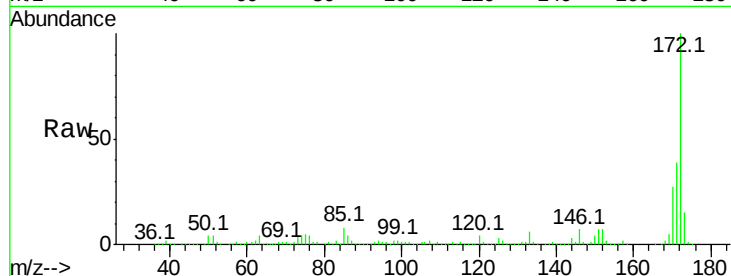




#44
2-Fluorobiphenyl
Concen: 81.50 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF082839.D
Acq: 9 Nov 2015 19:55

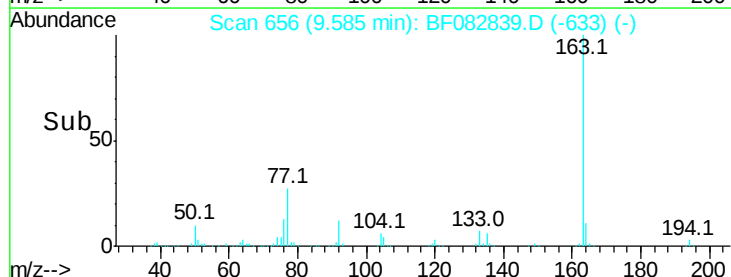
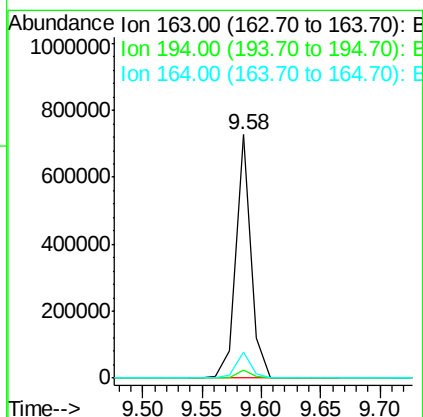
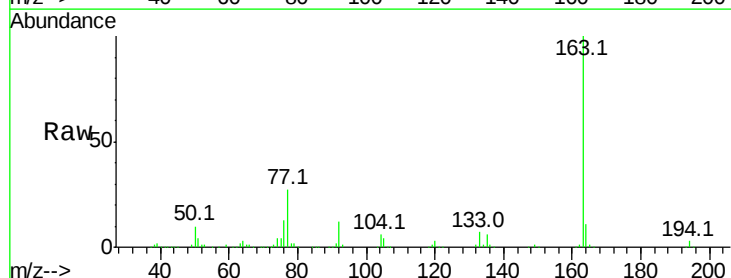
Instrument :
BNA_F
ClientSampleId :
D2

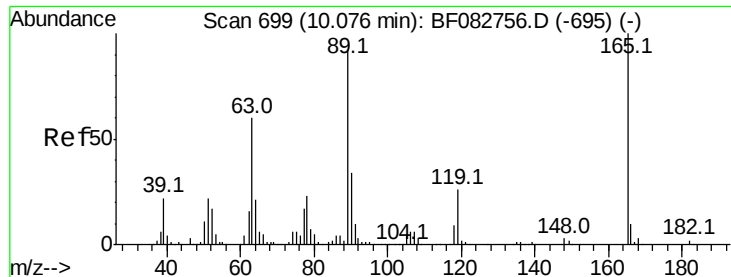
Tot Ion:172 Resp: 2522498
Ion Ratio Lower Upper
172 100
171 38.9 30.8 46.2
170 27.0 21.2 31.8



#49
Dimethylphthalate
Concen: 17.64 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082839.D
Acq: 9 Nov 2015 19:55

Tgt Ion:163 Resp: 641100
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.47 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

Instrument :

BNA_F

ClientSampleId :

D2

Tot Ion:165 Resp: 57536

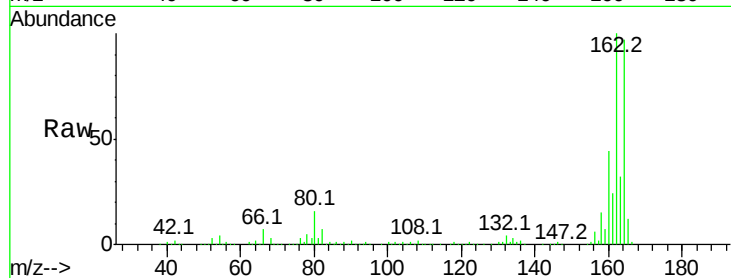
Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

89 1.9 70.6 106.0#

182 0.0 1.5 2.3#

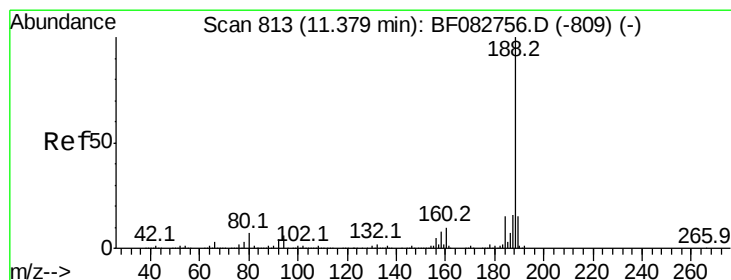
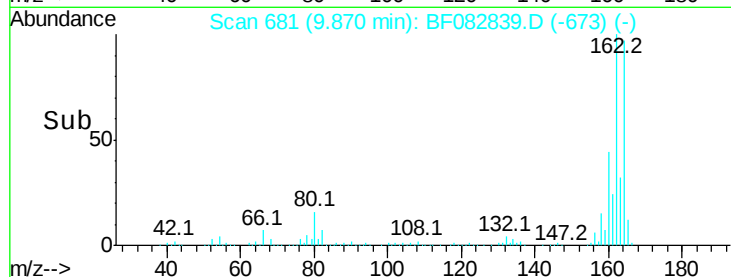
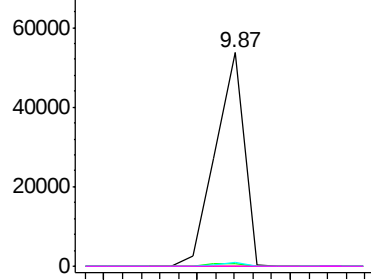


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

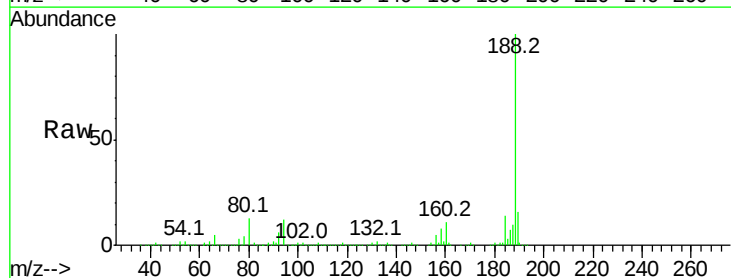
Tgt Ion:188 Resp: 782736

Ion Ratio Lower Upper

188 100

94 11.5 6.1 9.1#

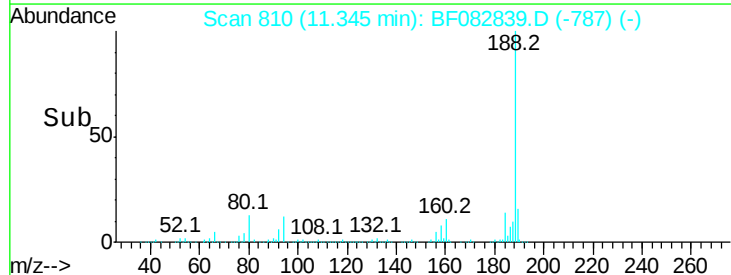
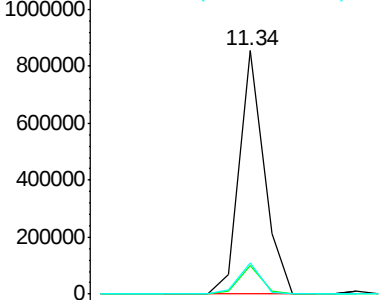
80 12.7 7.0 10.6#

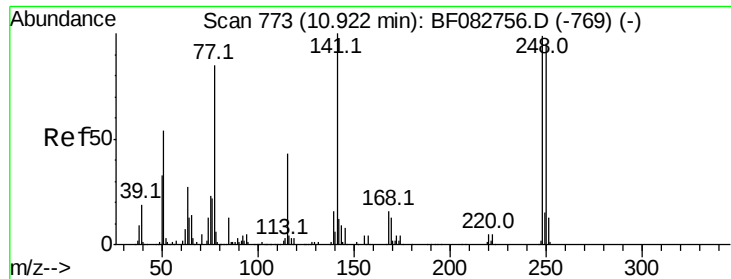


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

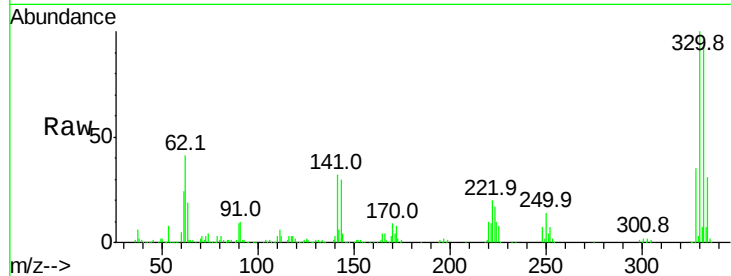




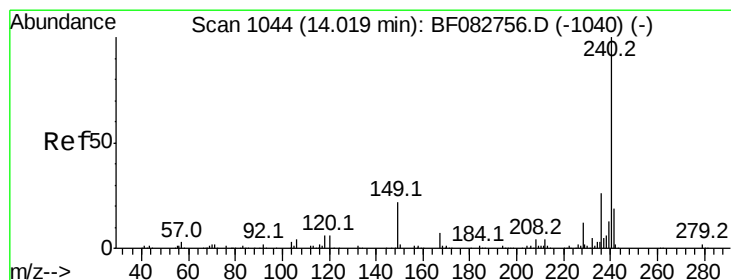
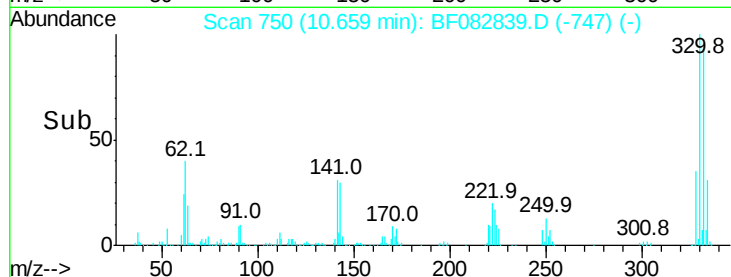
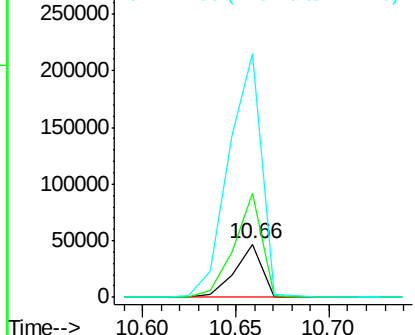
#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082839.D
Acq: 9 Nov 2015 19:55

Instrument :
BNA_F
ClientSampled :
D2

Tot Ion:248 Resp: 48298
Ion Ratio Lower Upper
248 100
250 194.8 79.4 119.2#
141 455.9 36.3 54.5#

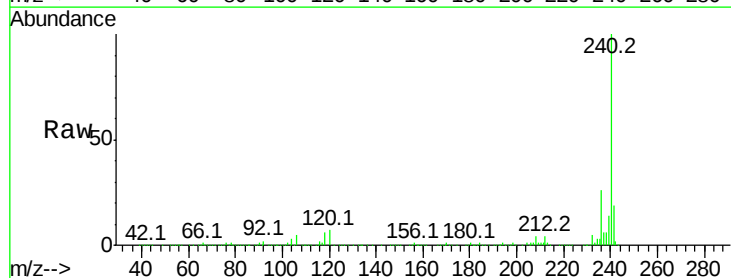


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

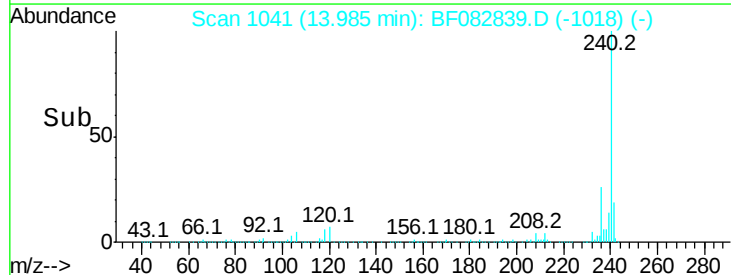
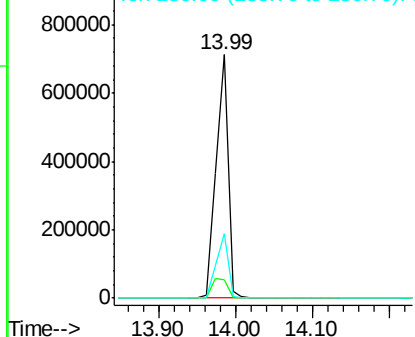


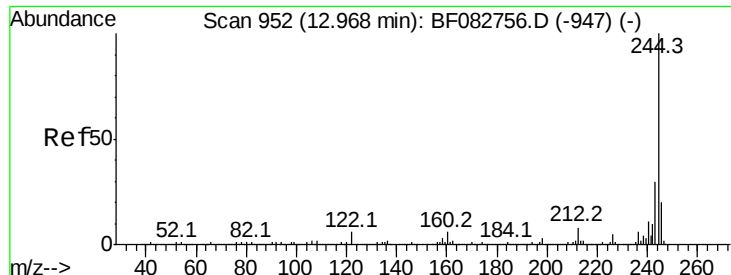
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082839.D
Acq: 9 Nov 2015 19:55

Tgt Ion:240 Resp: 765789
Ion Ratio Lower Upper
240 100
120 7.4 10.9 16.3#
236 26.3 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: 80.85 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

Instrument :

BNA_F

ClientSampled :

D2

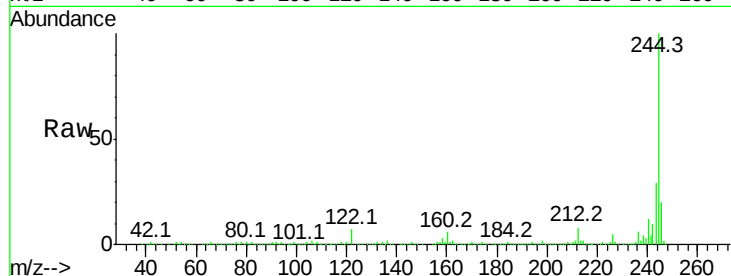
Tot Ion:244 Resp: 2610309

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

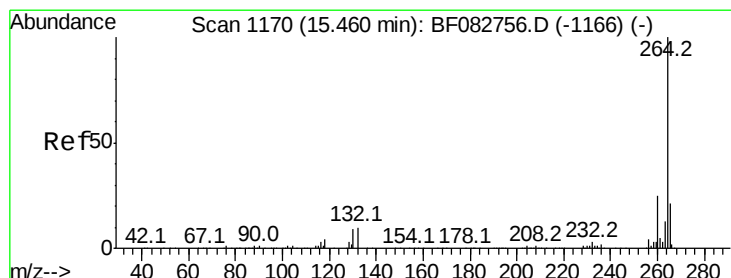
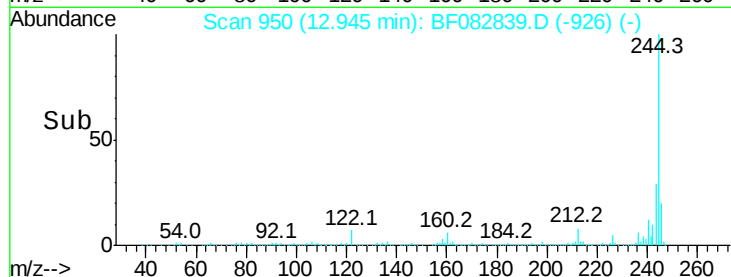
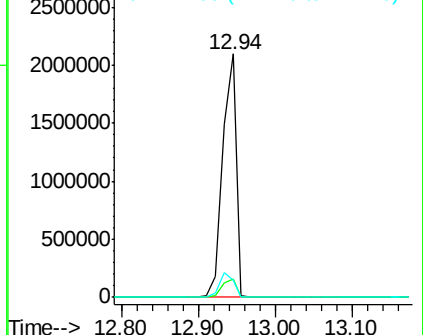
122 6.9 11.3 16.9#



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082839.D

Acq: 9 Nov 2015 19:55

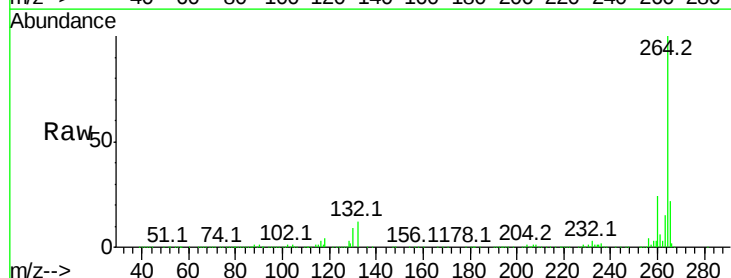
Tgt Ion:264 Resp: 672762

Ion Ratio Lower Upper

264 100

260 24.1 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

