

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082842.D
 Acq On : 9 Nov 2015 21:22
 Operator : UM/IZ
 Sample : G4306-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D3

Quant Time: Nov 10 02:53:30 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

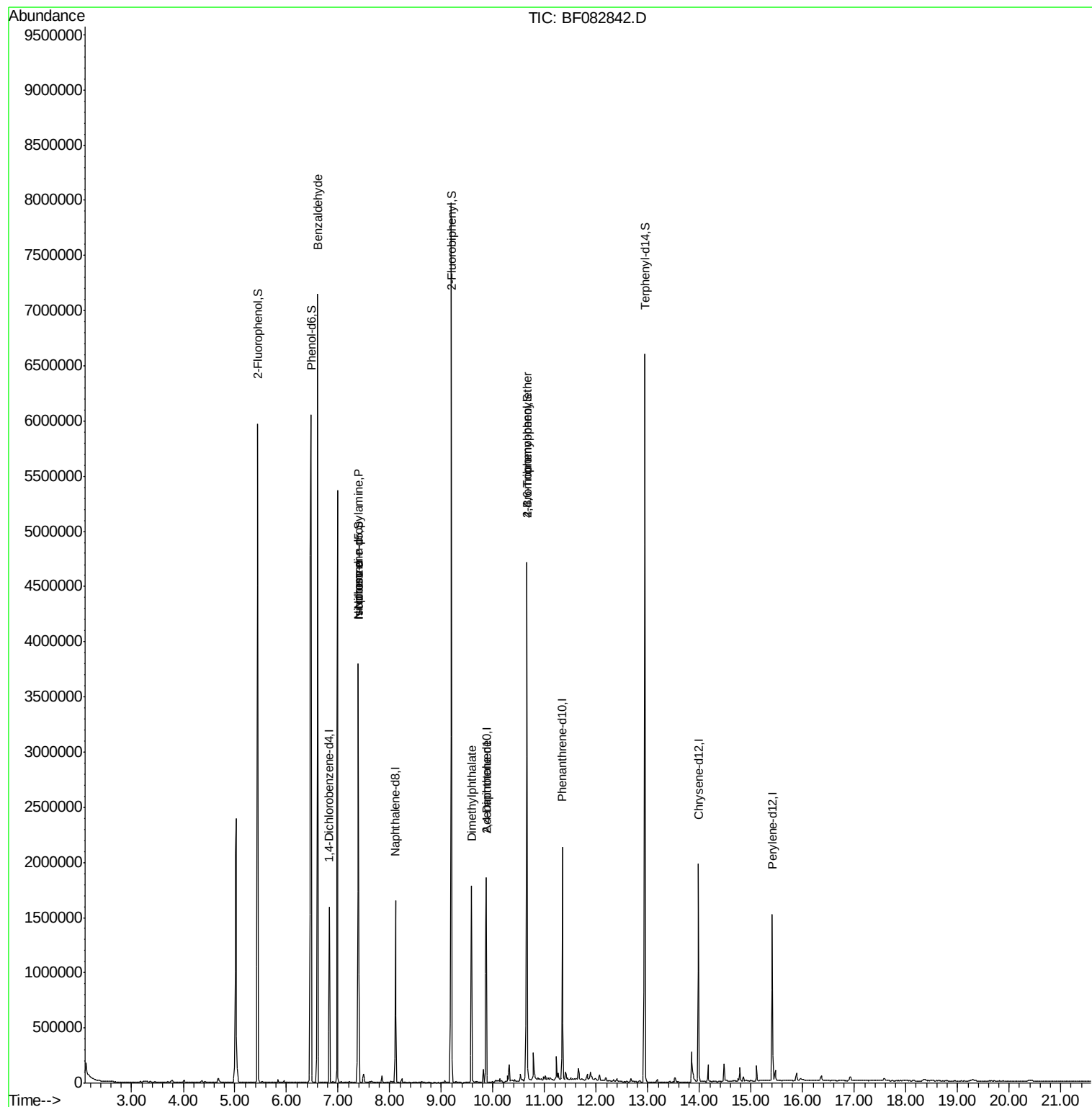
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	238019	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	803412	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	439022	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	769578	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	801128	20.00	ng	-0.03
86) Perylene-d12	15.41	264	700667	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2146889	140.34	ng	0.00
7) Phenol-d6	6.48	99	2963834	145.74	ng	0.00
23) Nitrobenzene-d5	7.39	82	1622520	87.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	651001	129.33	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2531706	82.65	ng	-0.02
78) Terphenyl-d14	12.94	244	2738665	81.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	53593	4.77	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.39	70	218372	14.61	ng	# 71
25) Isophorone	7.39	82	1579214	46.23	ng	# 69
49) Dimethylphthalate	9.58	163	655484	18.22	ng	100
56) 2,4-Dinitrotoluene	9.87	165	56194	5.40	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	48680	5.25	ng	# 1

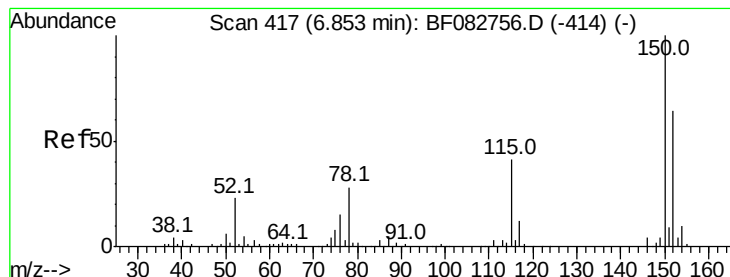
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
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Acq On : 9 Nov 2015 21:22
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Sample : G4306-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3

Quant Time: Nov 10 02:53:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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QLast Update : Sat Nov 07 02:32:49 2015
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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: BF082842.D

Acq: 9 Nov 2015 21:22

Instrument :

BNA_F

ClientSampleId :

D3

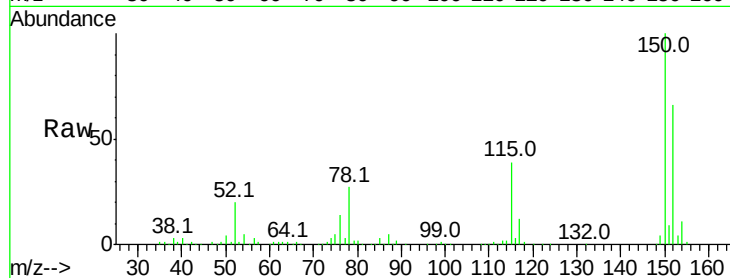
Tot Ion:152 Resp: 238019

Ion Ratio Lower Upper

152 100

150 151.9 127.0 190.4

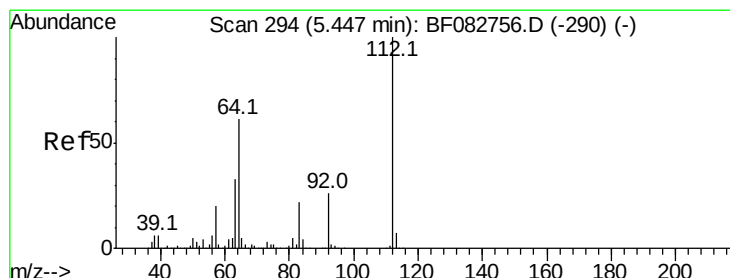
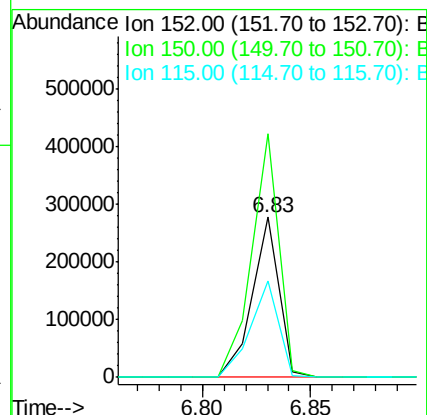
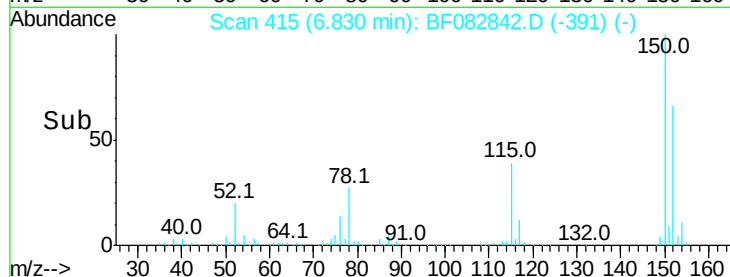
115 60.0 47.0 70.6



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: 140.34 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

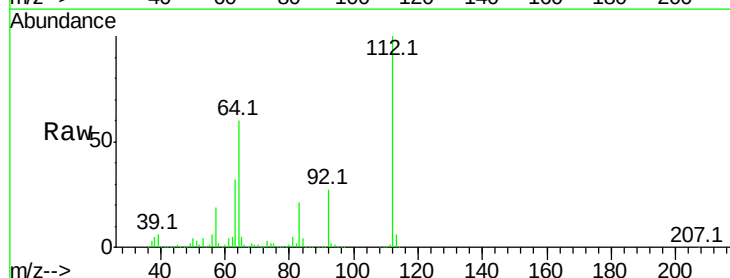
Tgt Ion:112 Resp: 2146889

Ion Ratio Lower Upper

112 100

64 60.1 48.9 73.3

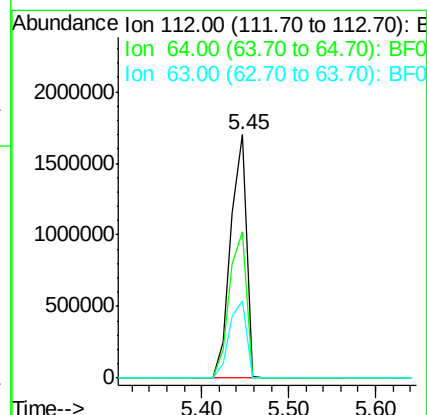
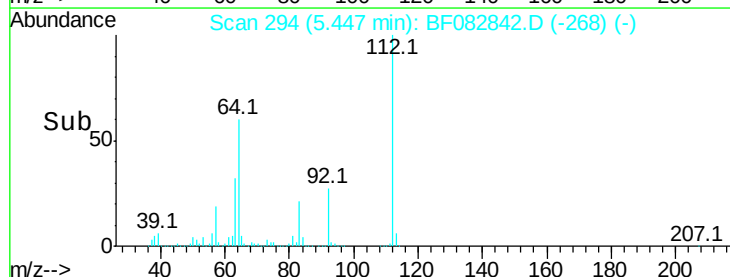
63 31.7 28.1 42.1

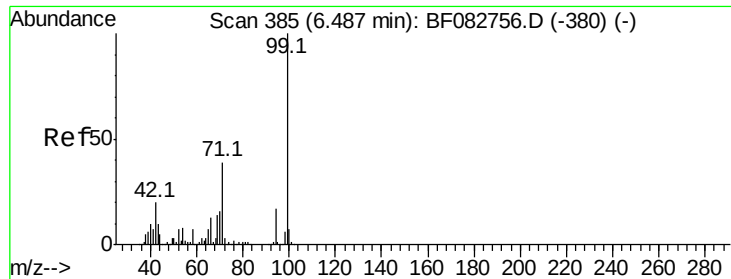


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.74 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Instrument :

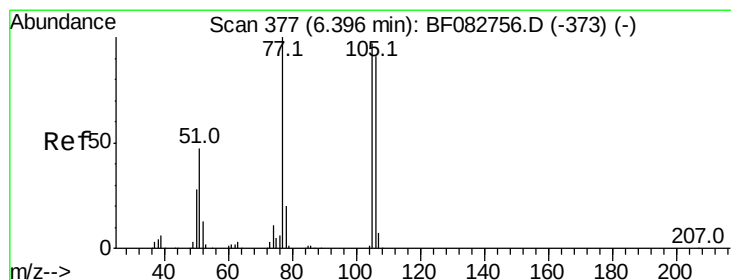
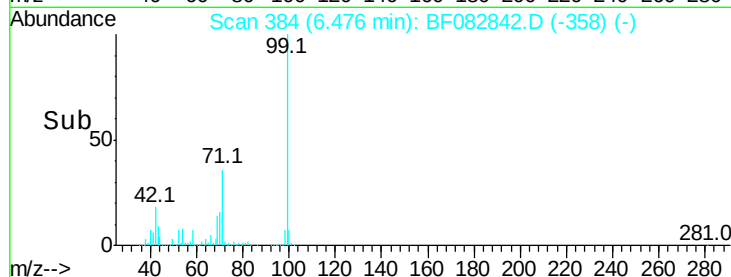
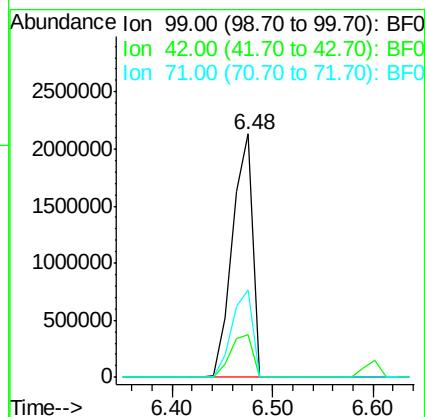
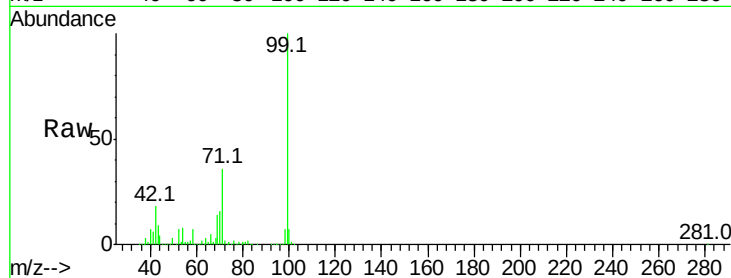
BNA_F

ClientSampled :

D3

Tot Ion: 99 Resp: 2963834

Ion	Ratio	Lower	Upper
99	100		
42	17.7	19.2	28.8#
71	36.0	35.0	52.4



#9

Benzaldehyde

Concen: 4.77 ng

RT: 6.60 min Scan# 395

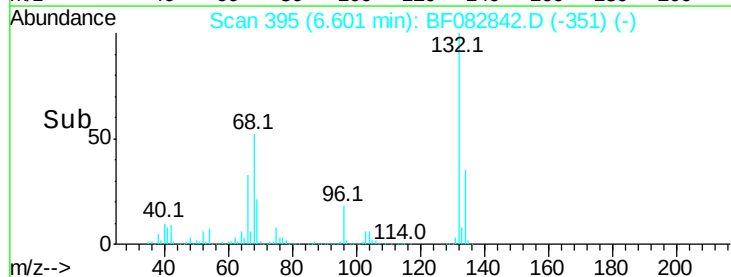
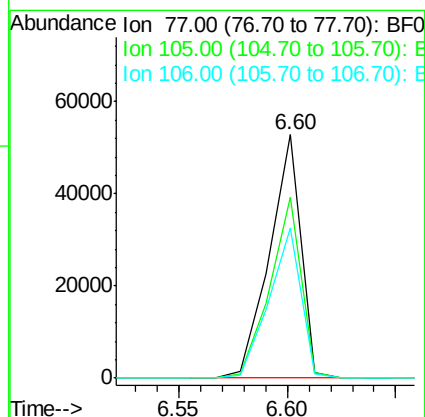
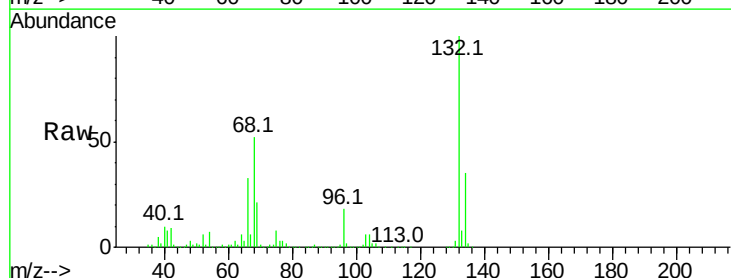
Delta R.T. 0.21 min

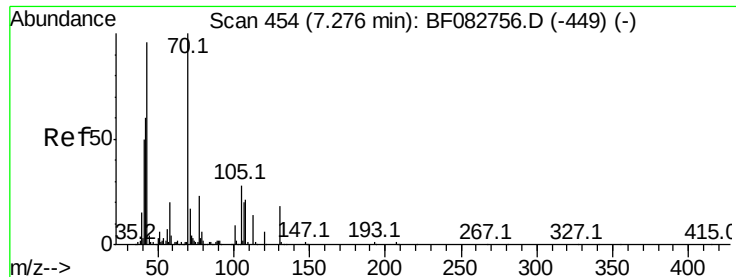
Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Tgt Ion: 77 Resp: 53593

Ion	Ratio	Lower	Upper
77	100		
105	74.2	63.5	103.5
106	61.5	59.3	99.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.61 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.13 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Instrument :

BNA_F

ClientSampleId :

D3

Tot Ion: 70 Resp: 218372

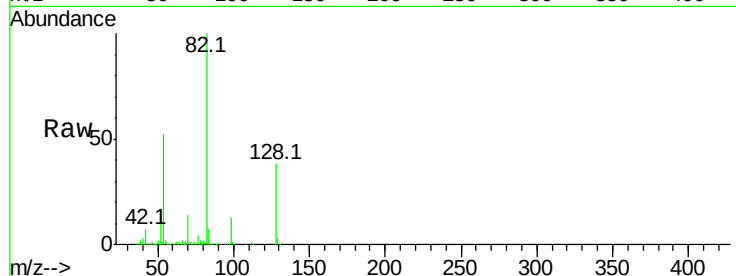
Ion Ratio Lower Upper

70 100

42 47.8 57.7 86.5#

101 0.0 7.0 10.6#

130 2.1 11.8 17.6#

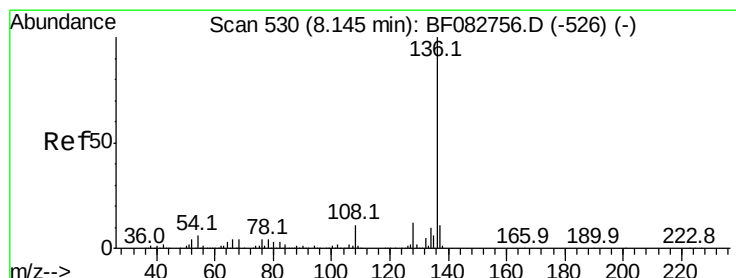
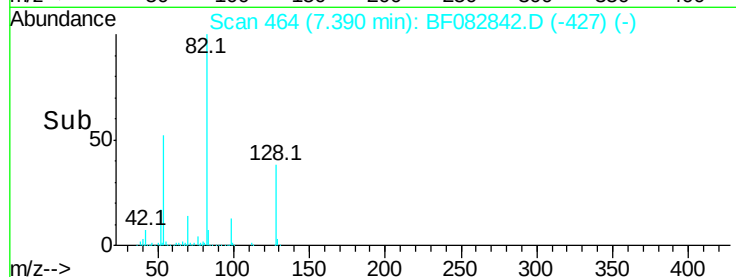
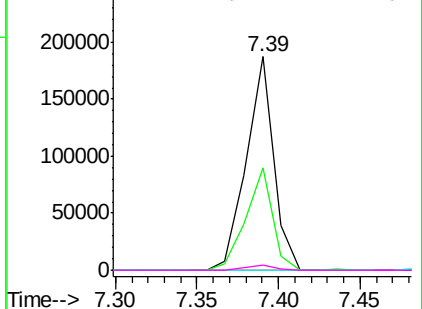


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Tgt Ion:136 Resp: 803412

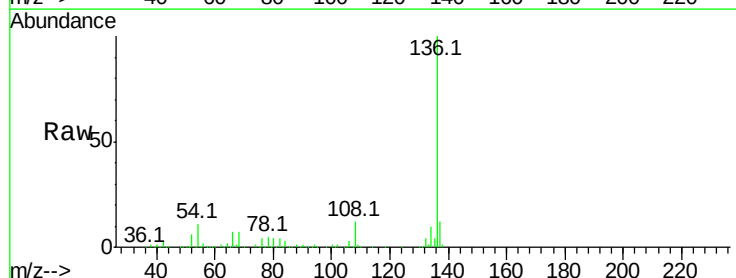
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.7 9.1 13.7

68 7.4 4.8 7.2#

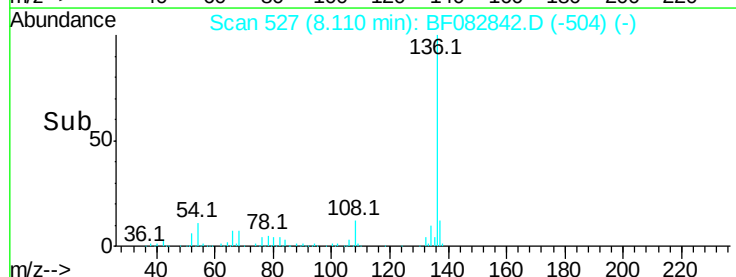
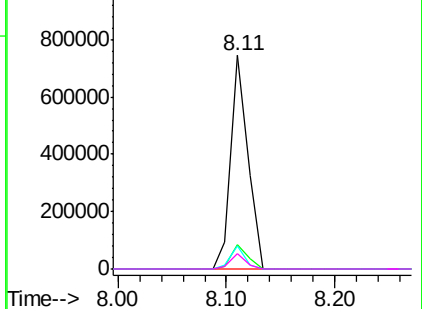


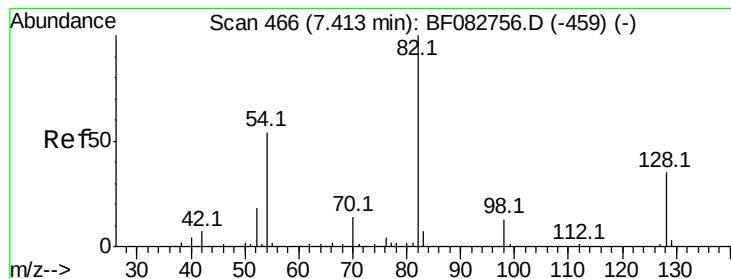
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 87.87 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Instrument :

BNA_F

ClientSampled :

D3

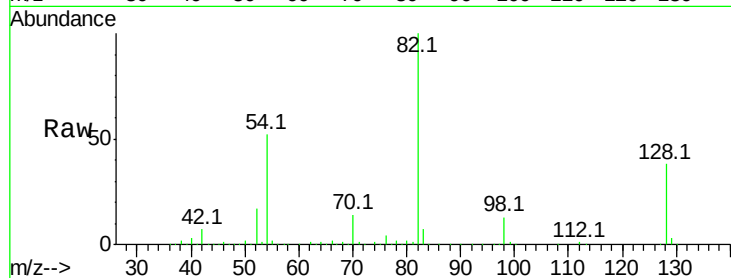
Tot Ion: 82 Resp: 1622520

Ion Ratio Lower Upper

82 100

128 37.8 26.8 40.2

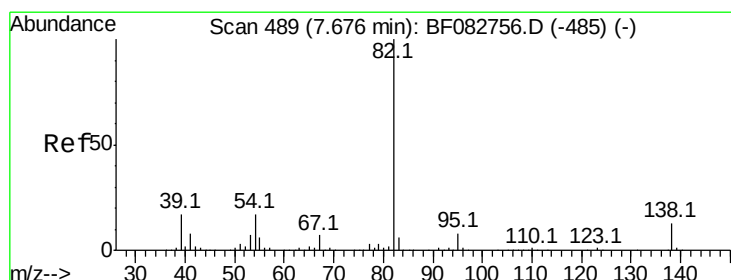
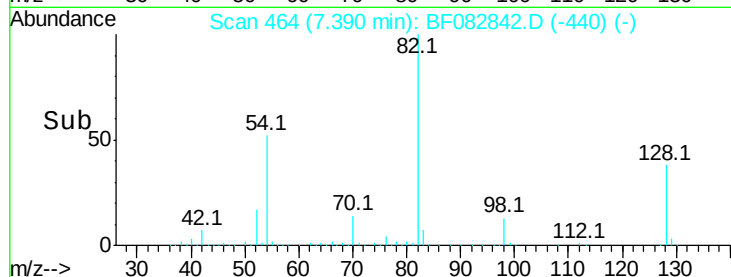
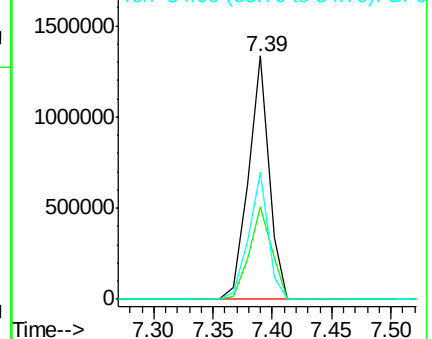
54 52.1 45.7 68.5



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: 46.23 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

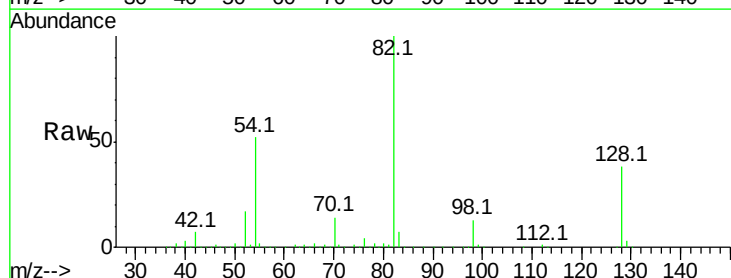
Tgt Ion: 82 Resp: 1579214

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

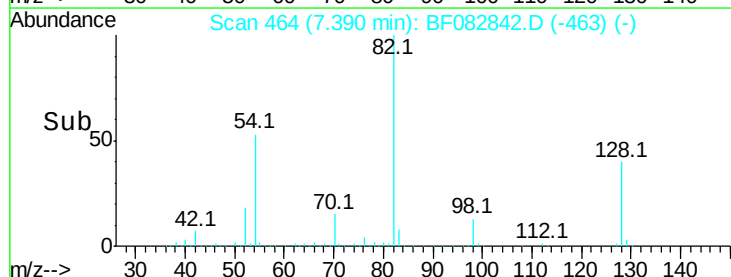
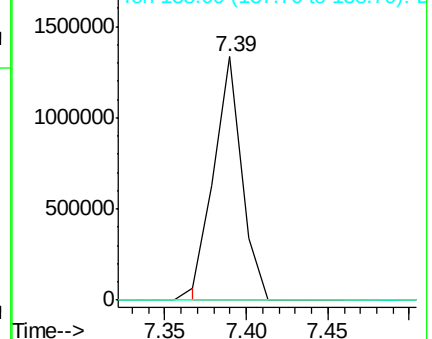
138 0.0 11.4 17.0#

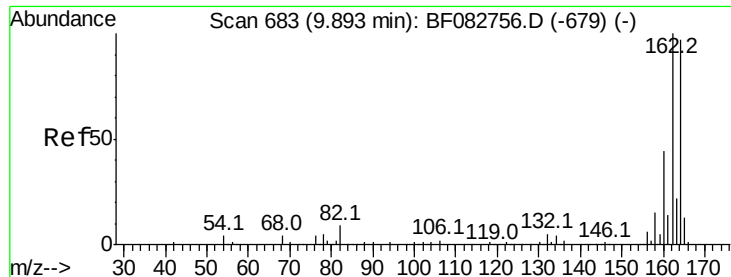


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

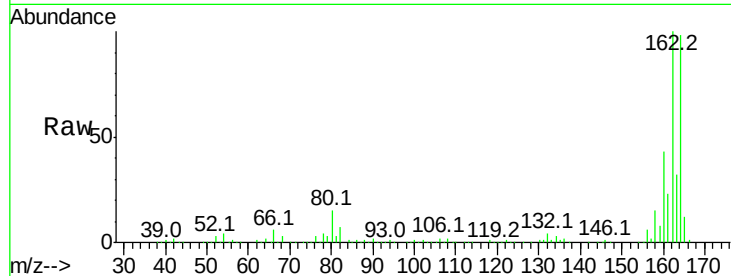




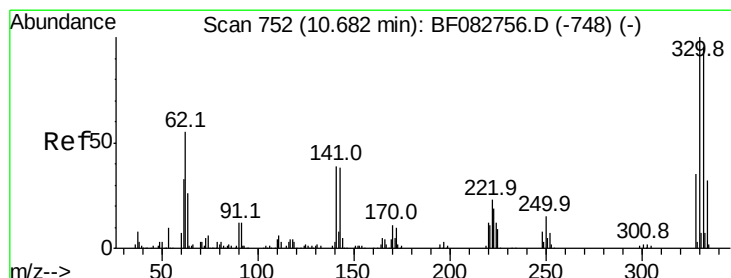
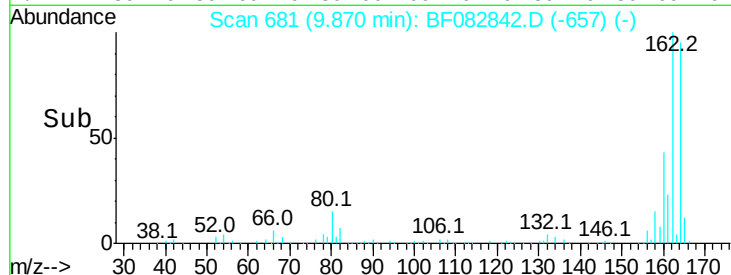
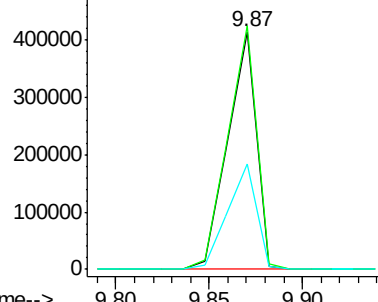
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082842.D
Acq: 9 Nov 2015 21:22

Instrument :
BNA_F
ClientSampleId :
D3

Tot Ion:164 Resp: 439022
Ion Ratio Lower Upper
164 100
162 102.4 84.9 127.3
160 44.4 37.5 56.3

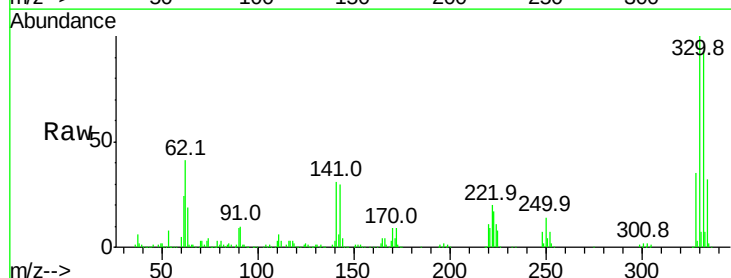


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

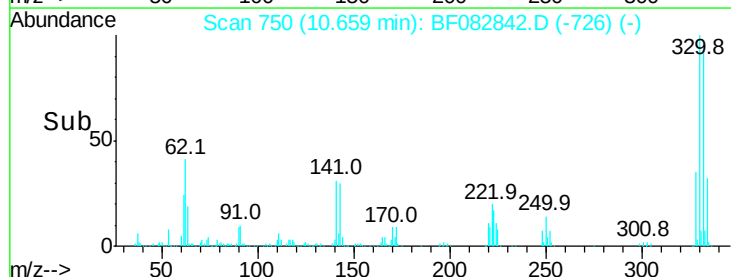
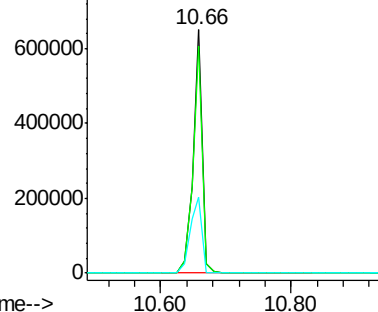


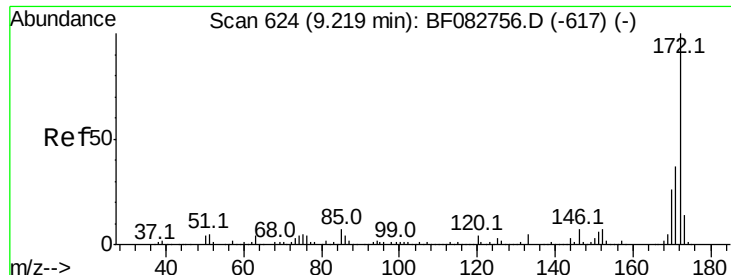
#41
2,4,6-Tribromophenol
Concen: 129.33 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF082842.D
Acq: 9 Nov 2015 21:22

Tgt Ion:330 Resp: 651001
Ion Ratio Lower Upper
330 100
332 95.6 76.6 114.8
141 40.3 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

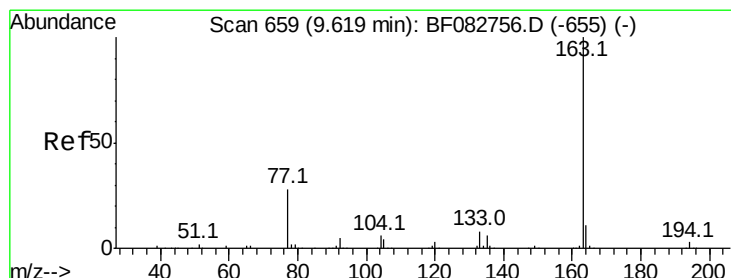
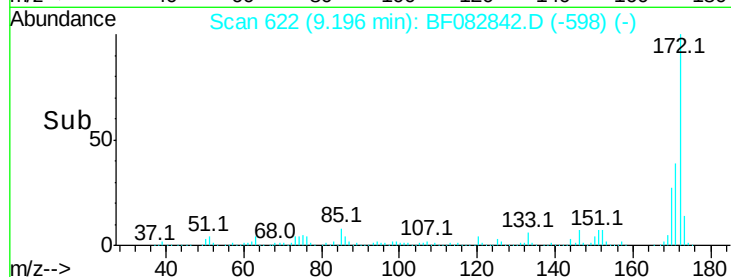
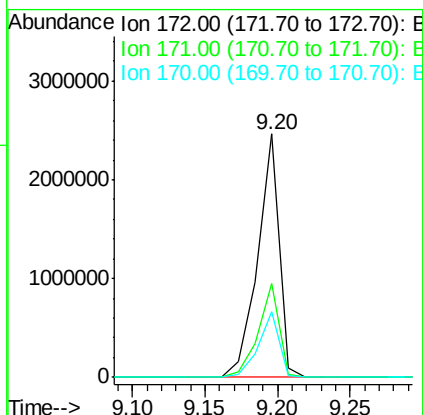
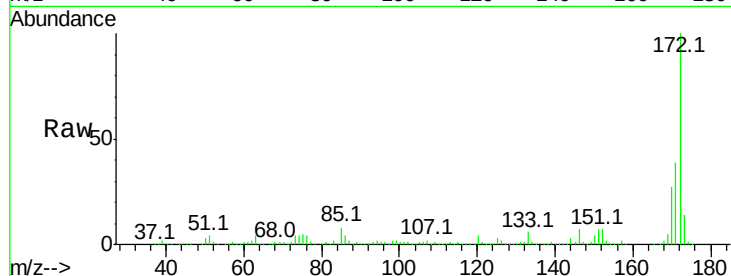




#44
2-Fluorobiphenyl
Concen: 82.65 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF082842.D
Acq: 9 Nov 2015 21:22

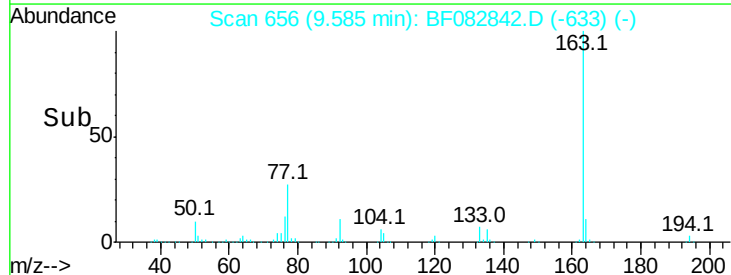
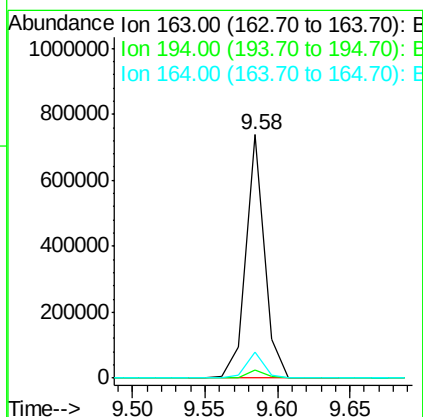
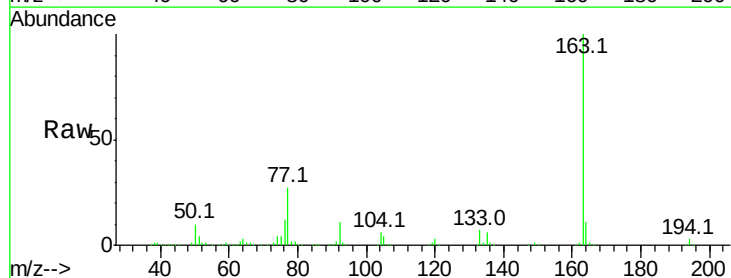
Instrument :
BNA_F
ClientSampleId :
D3

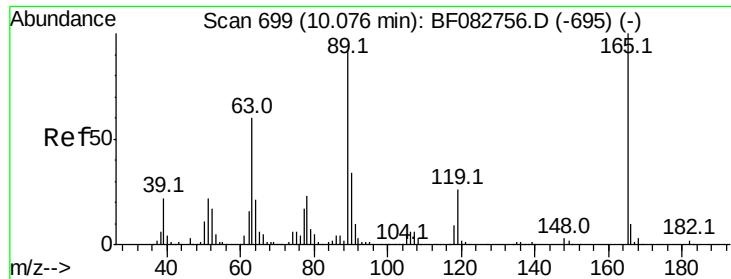
Tot Ion:172 Resp: 2531706
Ion Ratio Lower Upper
172 100
171 38.7 30.8 46.2
170 27.2 21.2 31.8



#49
Dimethylphthalate
Concen: 18.22 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082842.D
Acq: 9 Nov 2015 21:22

Tgt Ion:163 Resp: 655484
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.8 8.7 13.1

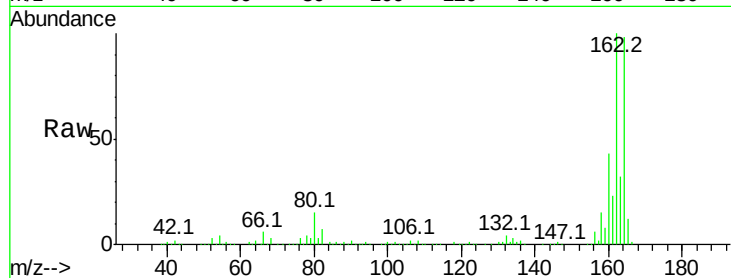




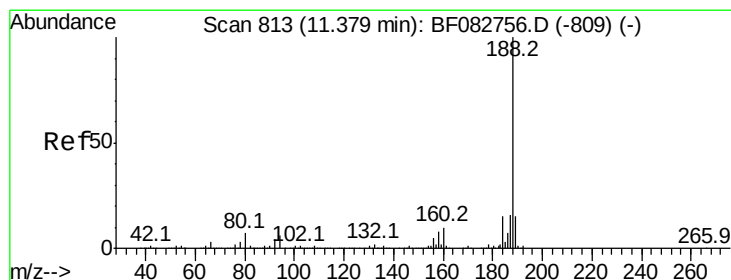
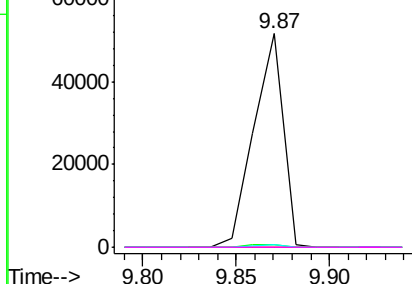
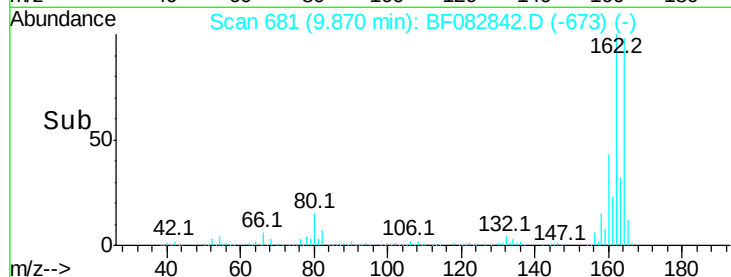
#56
 2,4-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.21 min
 Lab File: BF082842.D
 Acq: 9 Nov 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 D3

Tot Ion:165 Resp: 56194
 Ion Ratio Lower Upper
 165 100
 63 1.1 43.4 65.0#
 89 1.4 70.6 106.0#
 182 0.0 1.5 2.3#

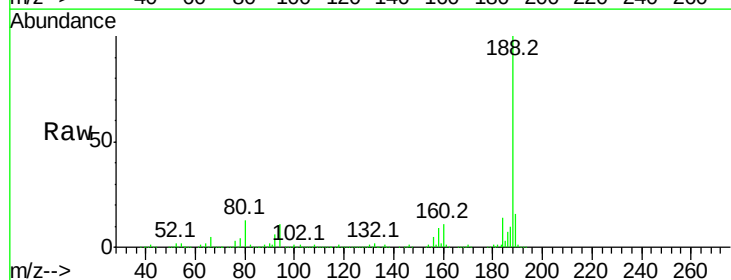


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

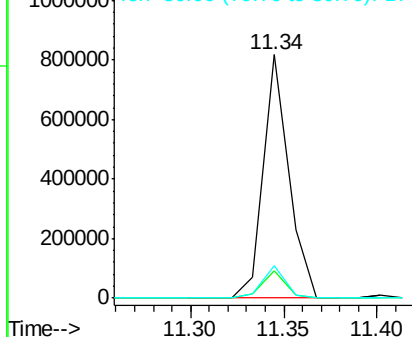
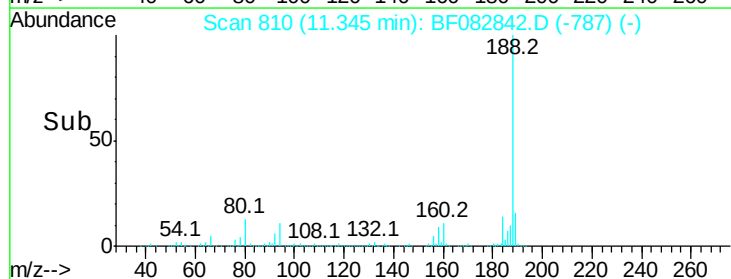


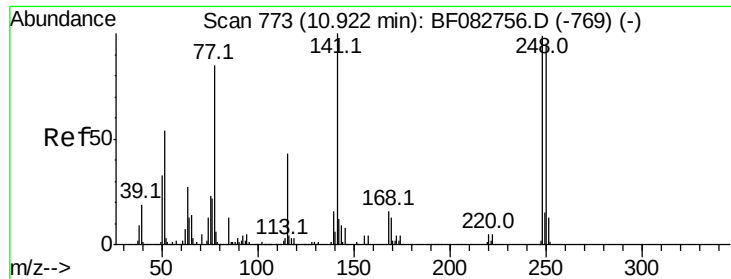
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF082842.D
 Acq: 9 Nov 2015 21:22

Tgt Ion:188 Resp: 769578
 Ion Ratio Lower Upper
 188 100
 94 11.2 6.1 9.1#
 80 13.1 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: 5.25 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Instrument :

BNA_F

ClientSampled :

D3

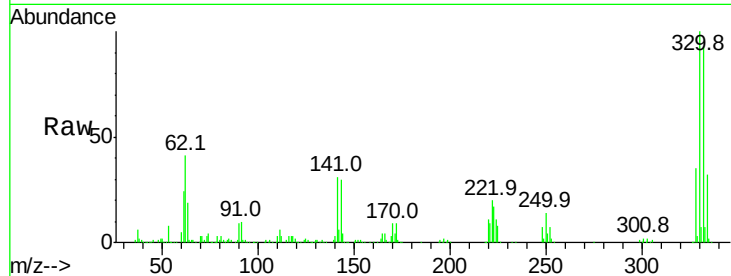
Tot Ion:248 Resp: 48680

Ion Ratio Lower Upper

248 100

250 195.8 79.4 119.2#

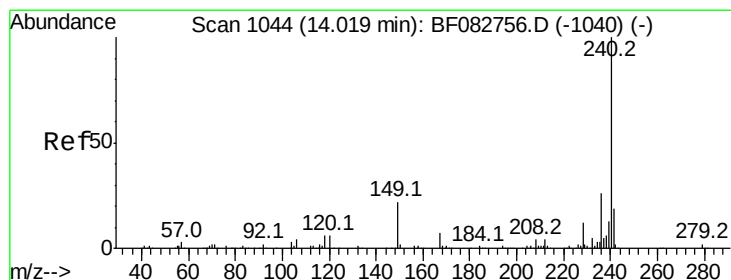
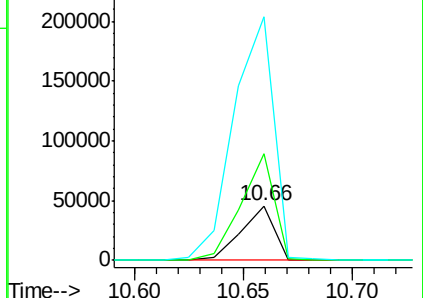
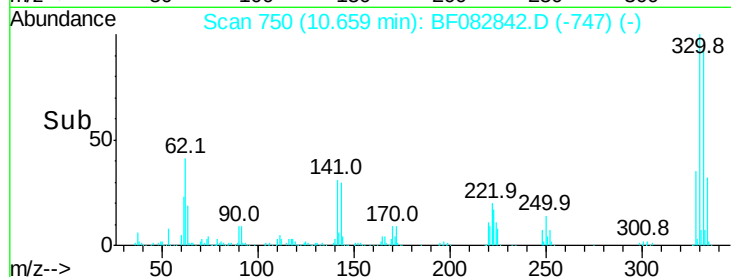
141 445.0 36.3 54.5#



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: BF082842.D

Acq: 9 Nov 2015 21:22

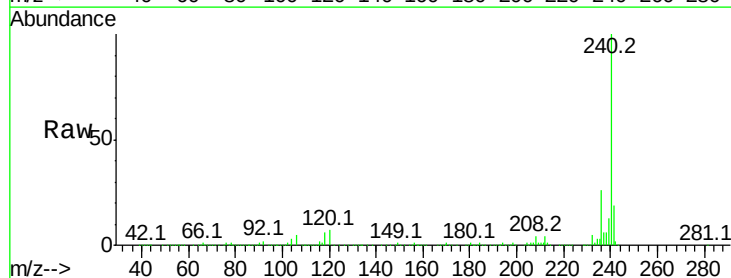
Tgt Ion:240 Resp: 801128

Ion Ratio Lower Upper

240 100

120 7.3 10.9 16.3#

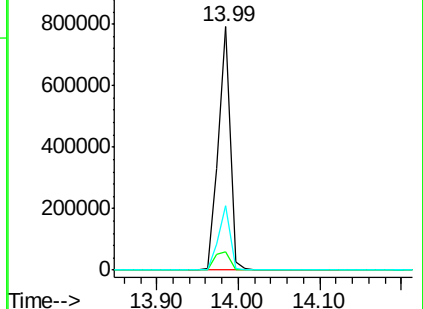
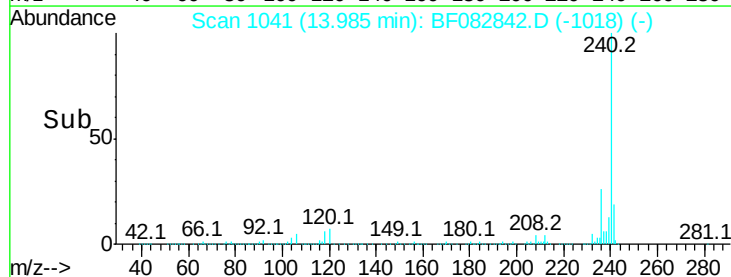
236 26.5 21.6 32.4

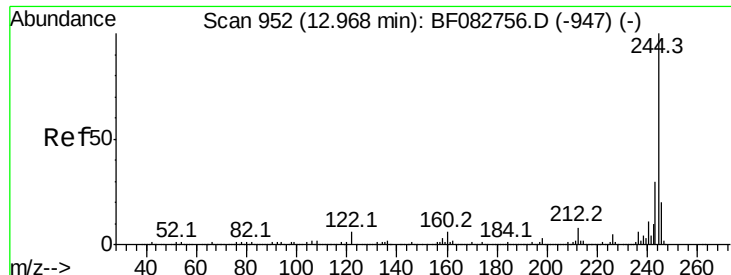


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.08 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082842.D

Acq: 9 Nov 2015 21:22

Instrument :

BNA_F

ClientSampleId :

D3

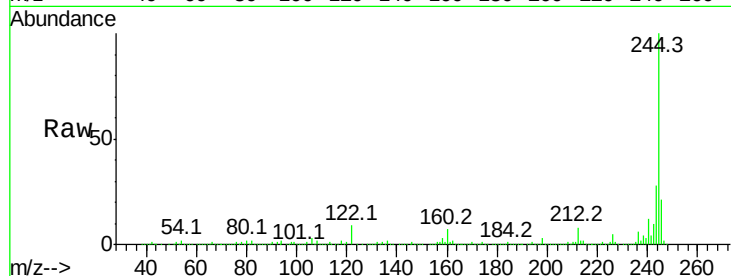
Tot Ion:244 Resp: 2738665

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

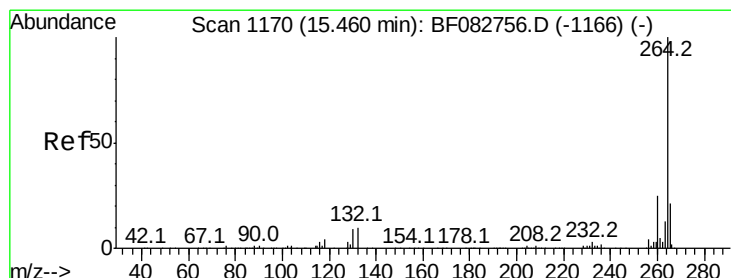
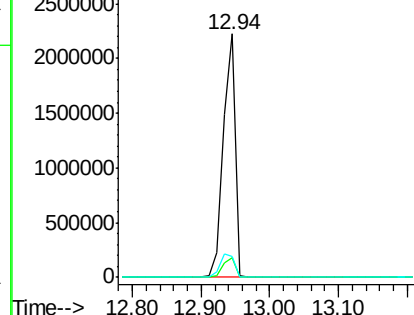
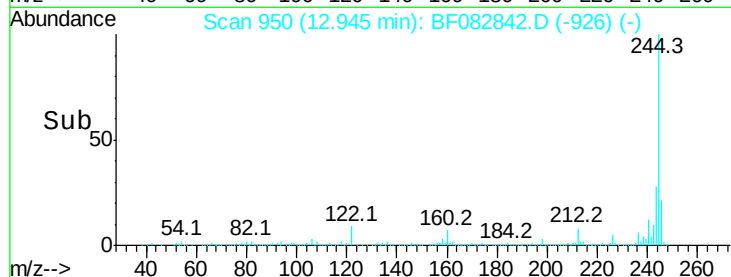
122 8.6 11.3 16.9#



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: BF082842.D

Acq: 9 Nov 2015 21:22

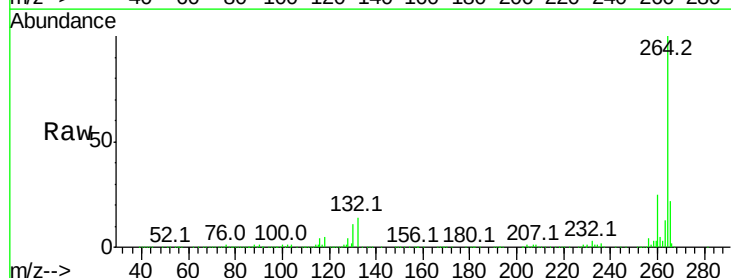
Tgt Ion:264 Resp: 700667

Ion Ratio Lower Upper

264 100

260 24.6 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

