

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081185.D
 Acq On : 25 Aug 2015 00:08
 Operator : UM/IZ
 Sample : G3386-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Quant Time: Aug 25 00:33:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 23:49:48 2015
 Response via : Initial Calibration

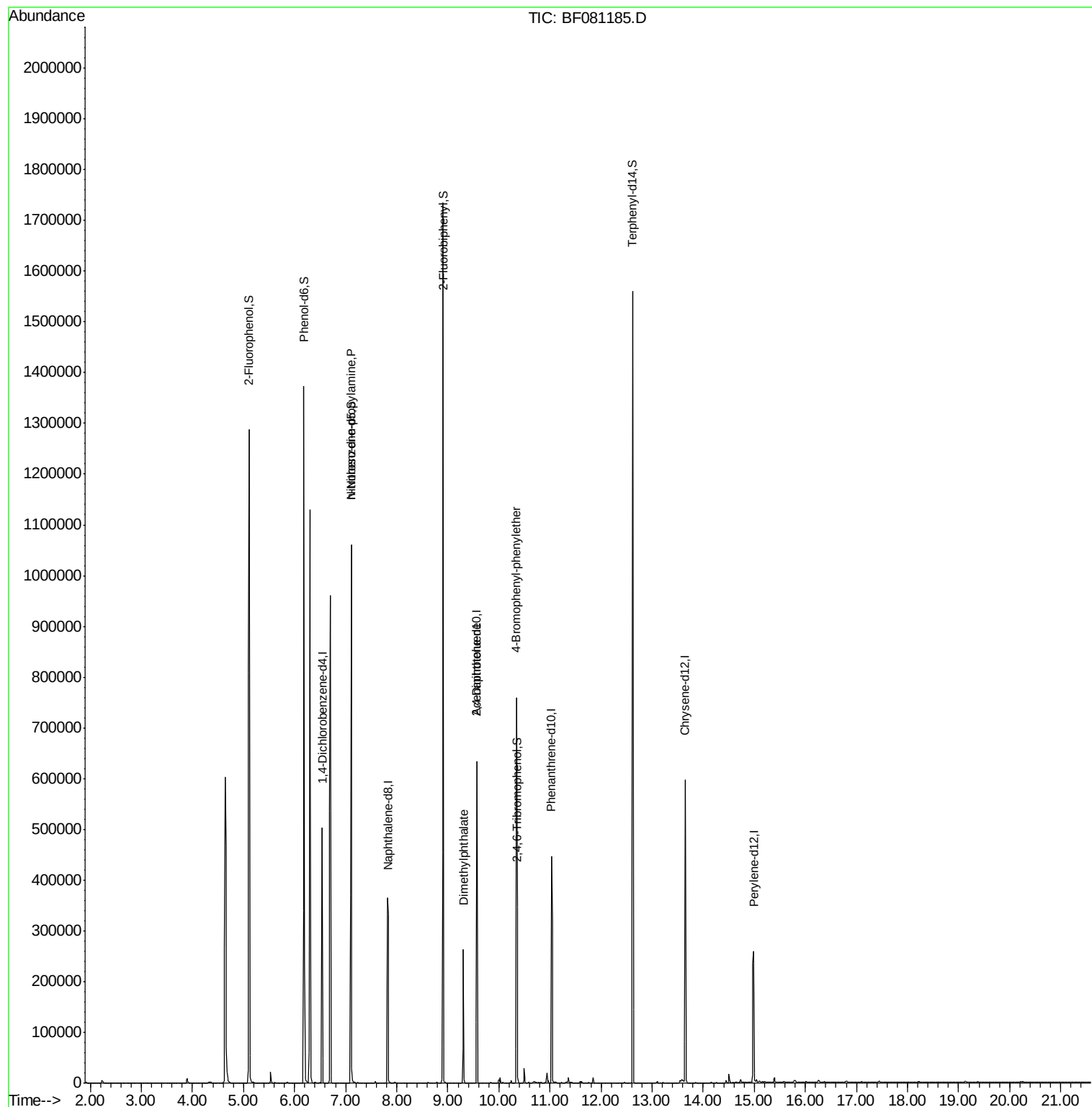
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65824	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	236619	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	116799	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	214659	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	189928	20.00	ng	-0.01
86) Perylene-d12	14.99	264	137502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	391155	89.38	ng	0.01
7) Phenol-d6	6.18	99	455736	79.81	ng	-0.01
23) Nitrobenzene-d5	7.11	82	341387	65.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	84128	83.09	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	507107	56.89	ng	0.00
78) Terphenyl-d14	12.62	244	438857	49.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	45331	11.46	ng	# 69
49) Dimethylphthalate	9.30	163	105730	10.99	ng	100
56) 2,4-Dinitrotoluene	9.57	165	14639	5.35	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	5452	2.59	ng	# 1

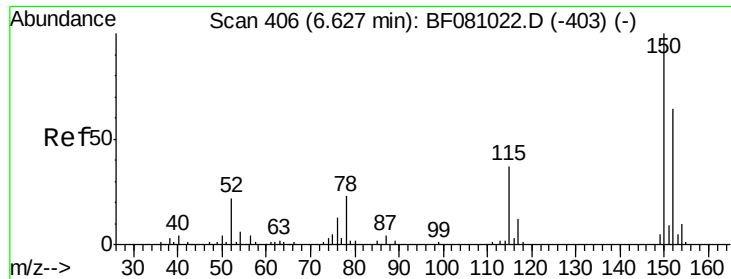
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF081185.D

Acq: 25 Aug 2015 00:08

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

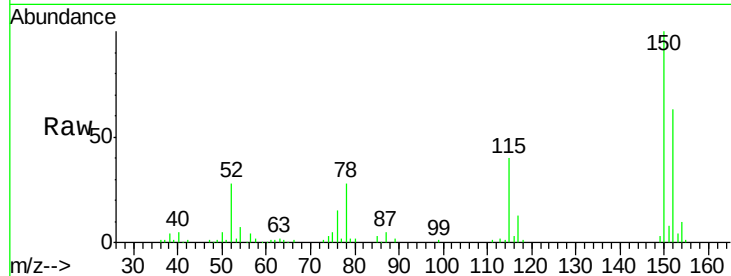
Tgt Ion:152 Resp: 65824

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

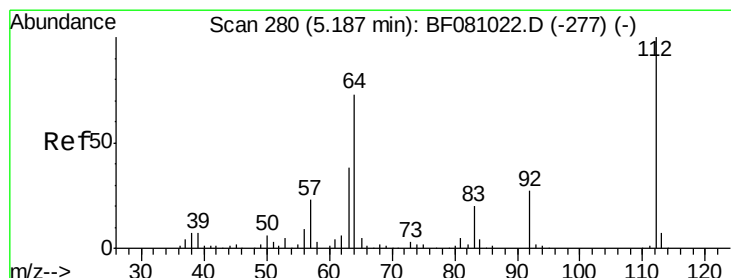
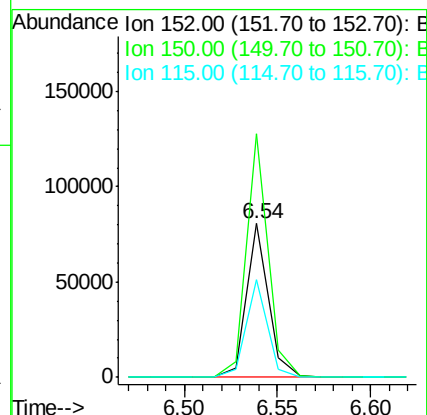
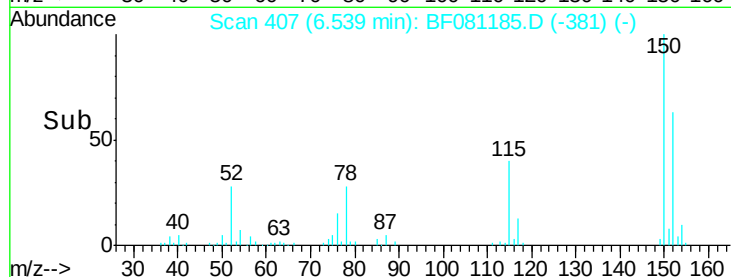
115 63.5 52.1 78.1



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: 89.38 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081185.D

Acq: 25 Aug 2015 00:08

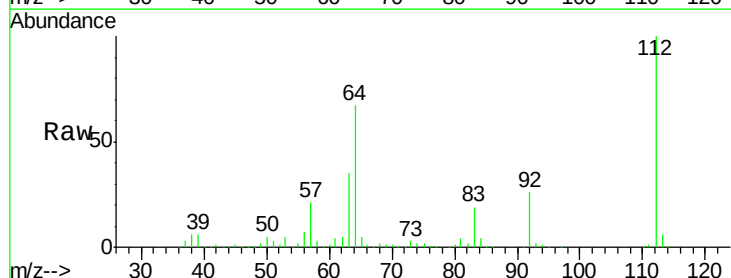
Tgt Ion:112 Resp: 391155

Ion Ratio Lower Upper

112 100

64 67.3 66.9 100.3

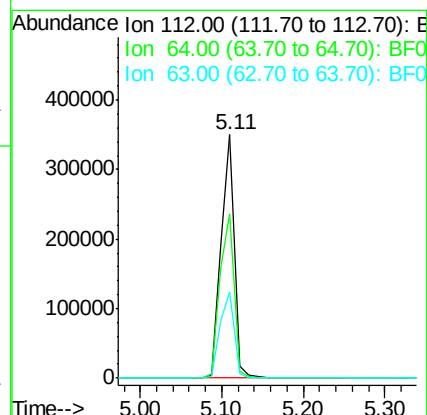
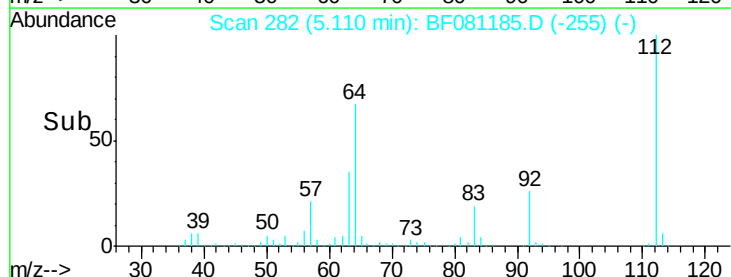
63 35.2 38.1 57.1#

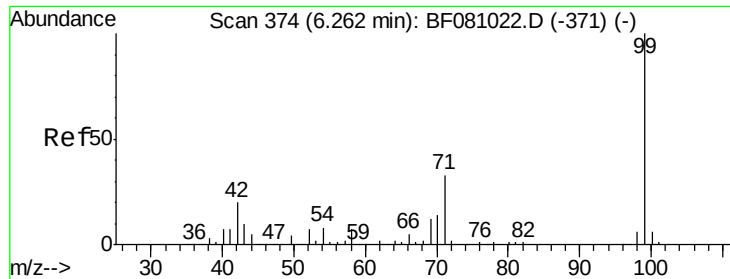


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 79.81 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081185.D

Acq: 25 Aug 2015 00:08

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

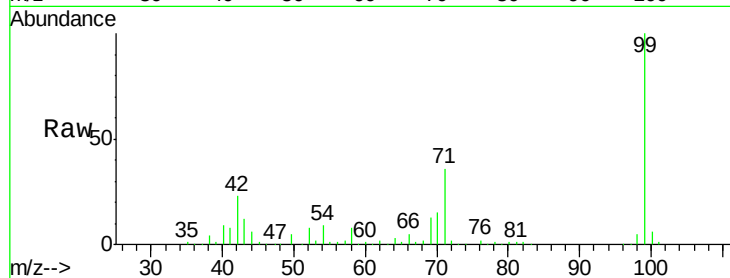
Tgt Ion: 99 Resp: 455736

Ion Ratio Lower Upper

99 100

42 23.1 19.6 29.4

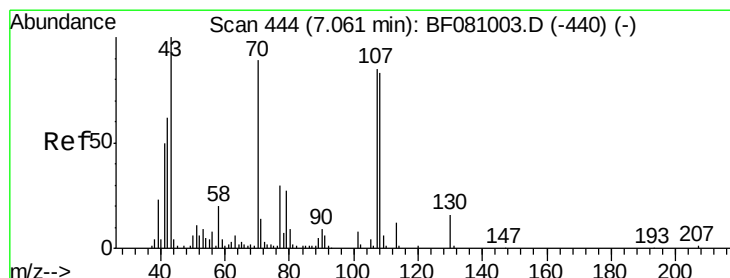
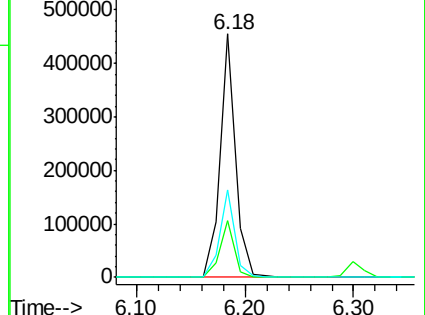
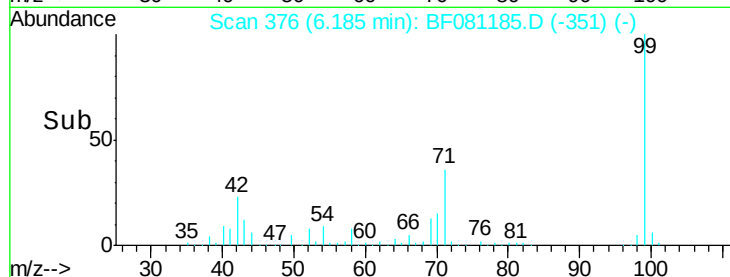
71 35.8 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.46 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF081185.D

Acq: 25 Aug 2015 00:08

Tgt Ion: 70 Resp: 45331

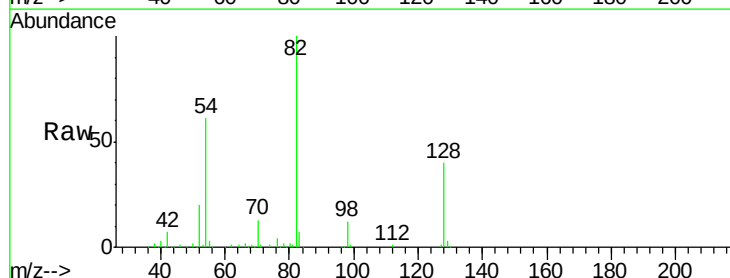
Ion Ratio Lower Upper

70 100

42 53.3 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

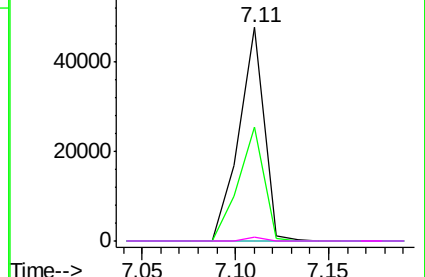
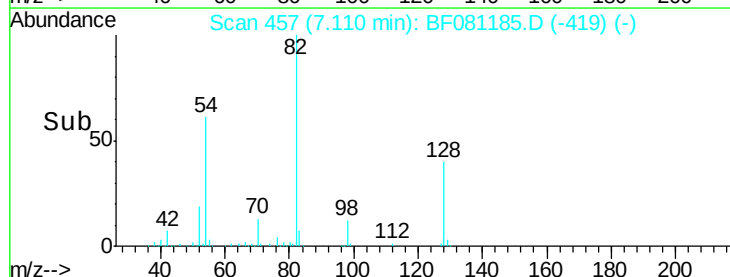


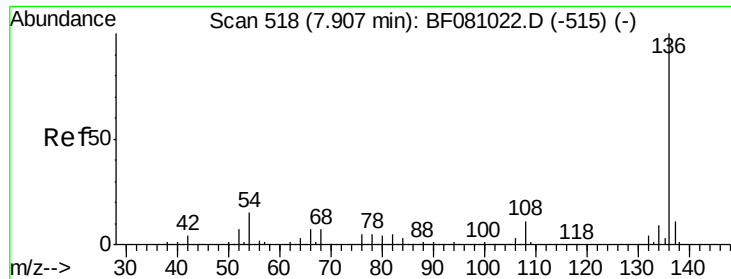
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

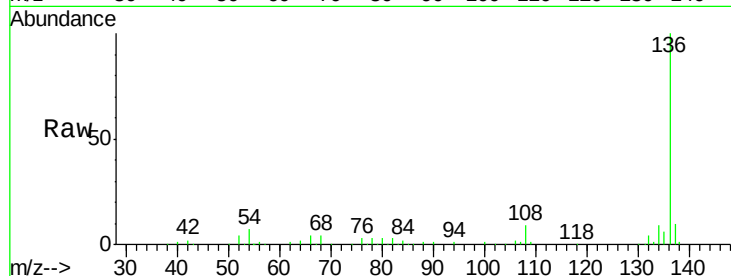




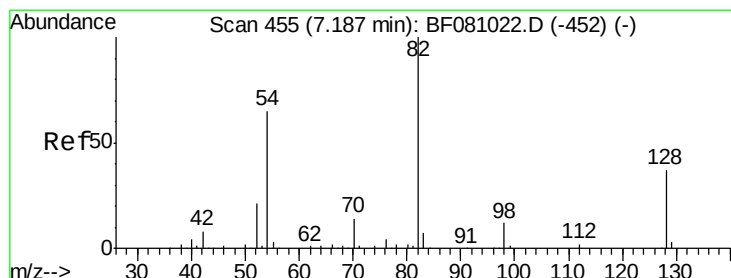
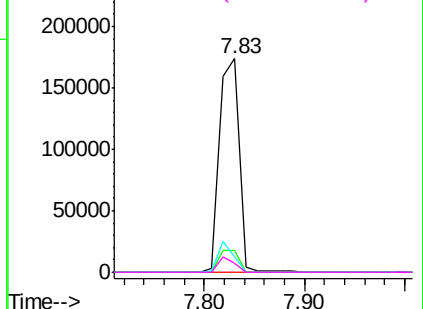
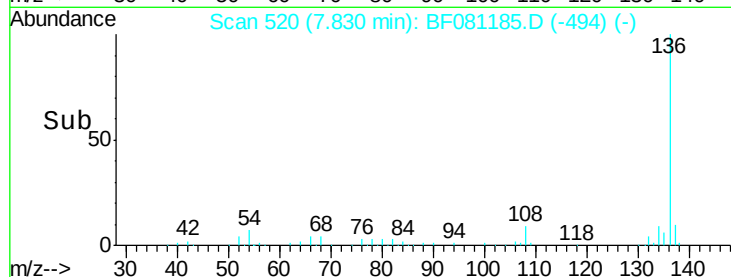
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081185.D
Acq: 25 Aug 2015 00:08

Instrument :
BNA_F
ClientSampleId :
P001-BF003-01

Tgt Ion:	136	Resp:	236619
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.3	7.7	11.5#
68	4.2	3.4	5.2

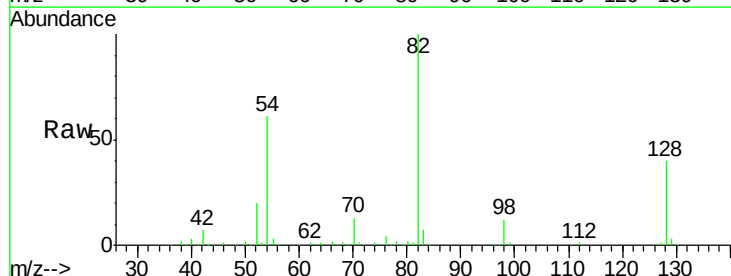


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

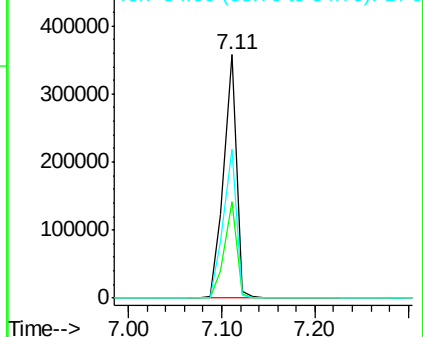
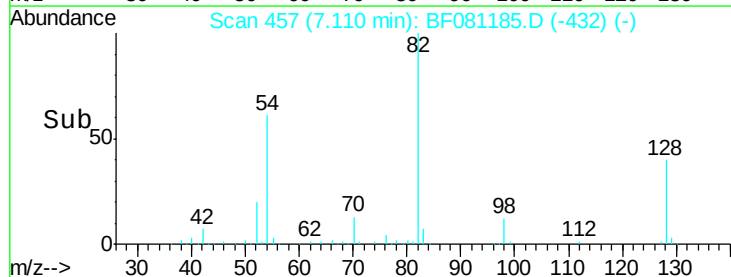


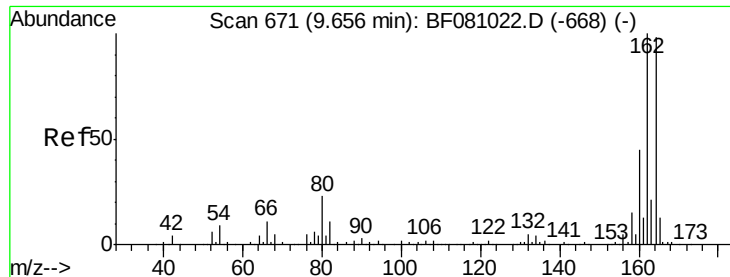
#23
Nitrobenzene-d5
Concen: 65.91 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081185.D
Acq: 25 Aug 2015 00:08

Tgt Ion:	82	Resp:	341387
Ion	Ratio	Lower	Upper
82	100		
128	39.6	28.6	42.8
54	61.1	55.1	82.7



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

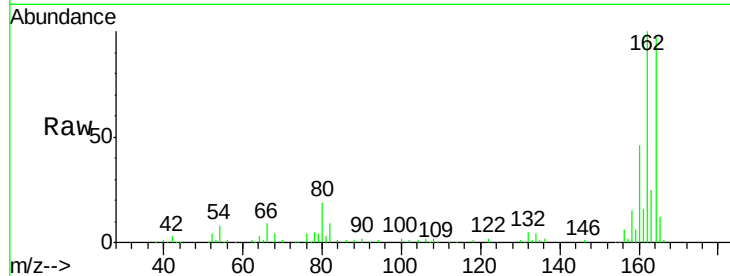




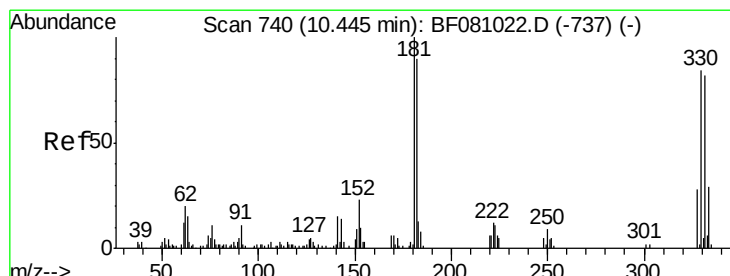
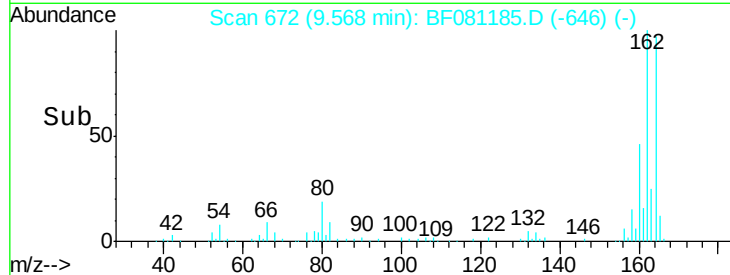
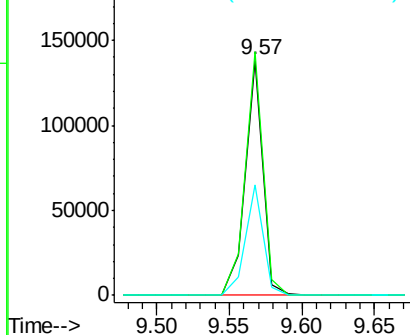
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF081185.D
 Acq: 25 Aug 2015 00:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:164 Resp: 116799
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.8 125.8
 160 47.2 39.8 59.8

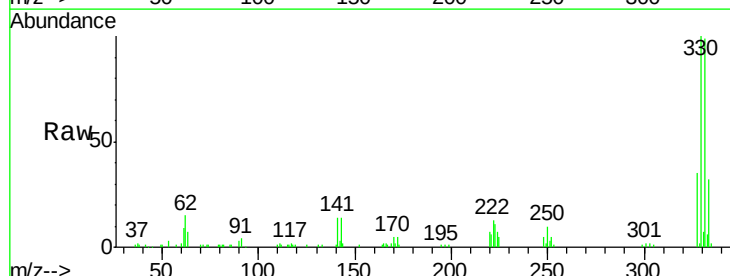


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

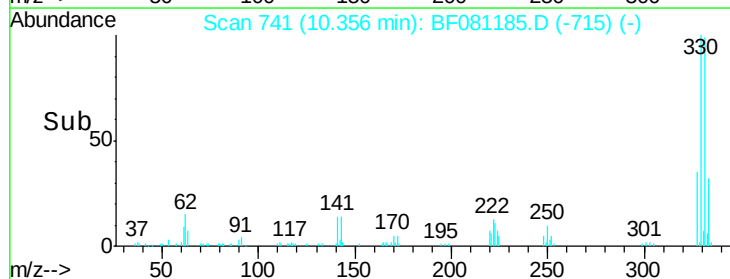
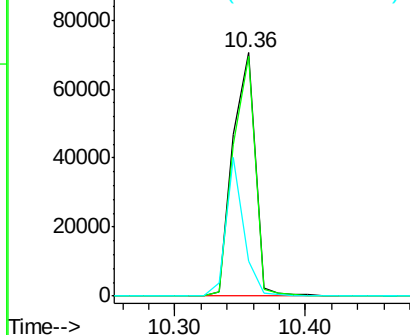


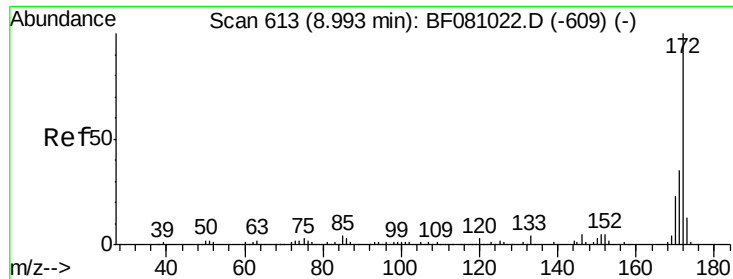
#41
 2,4,6-Tribromophenol
 Concen: 83.09 ng
 RT: 10.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF081185.D
 Acq: 25 Aug 2015 00:08

Tgt Ion:330 Resp: 84128
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 45.0 44.9 67.3



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

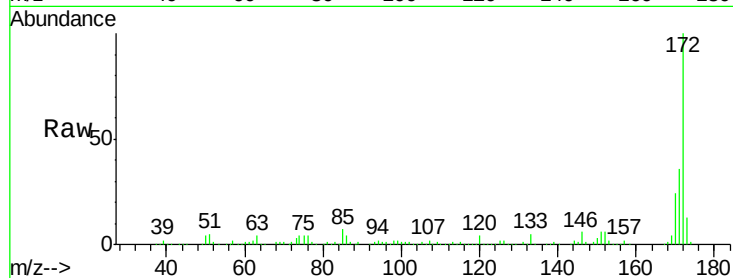




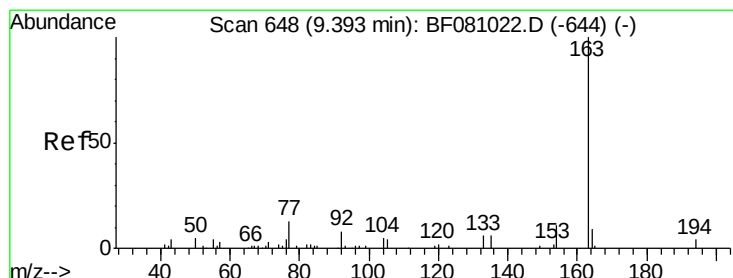
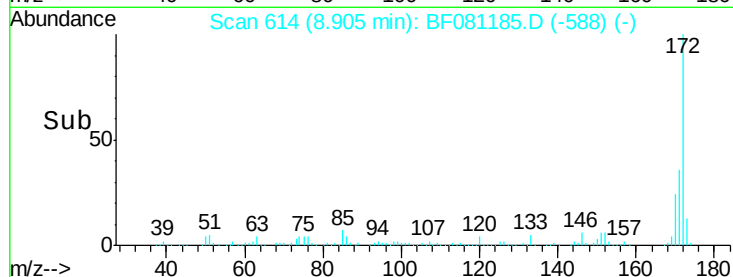
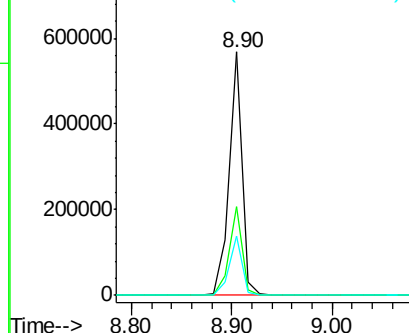
#44
 2-Fluorobiphenyl
 Concen: 56.89 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081185.D
 Acq: 25 Aug 2015 00:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:172 Resp: 507107
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.1 19.4 29.2

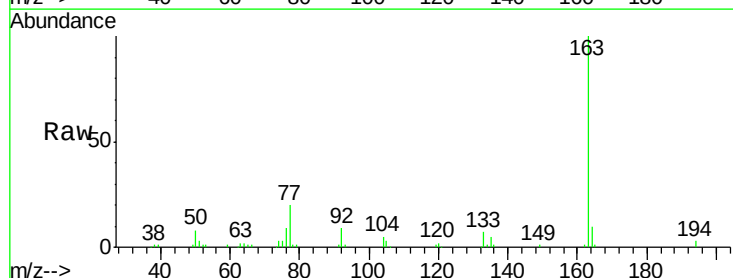


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

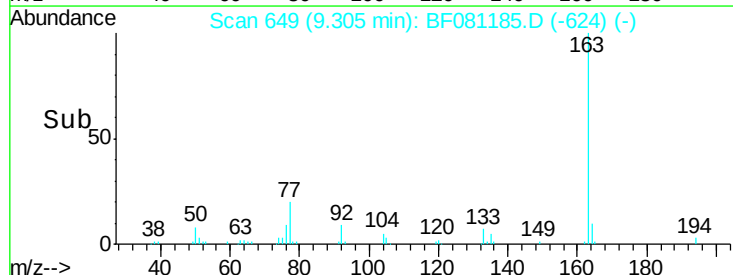
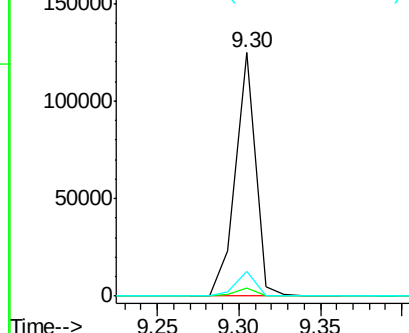


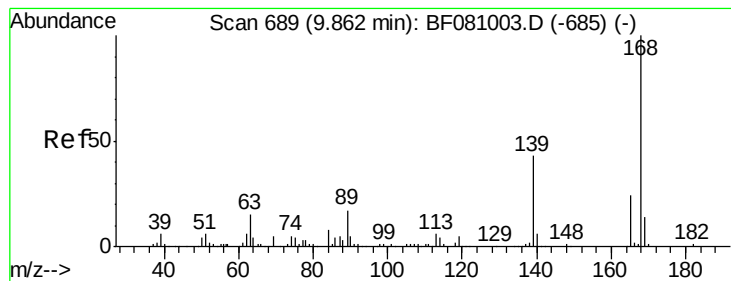
#49
 Dimethylphthalate
 Concen: 10.99 ng
 RT: 9.30 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF081185.D
 Acq: 25 Aug 2015 00:08

Tgt Ion:163 Resp: 105730
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.5 3.7
 164 10.0 8.1 12.1



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

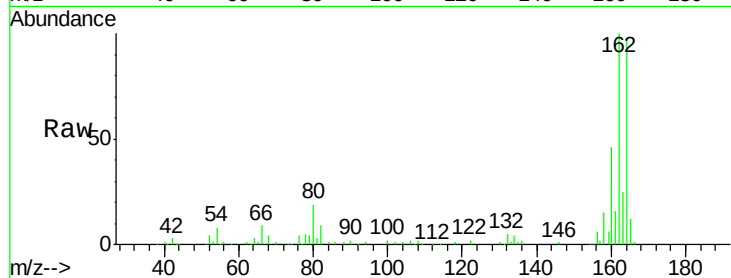




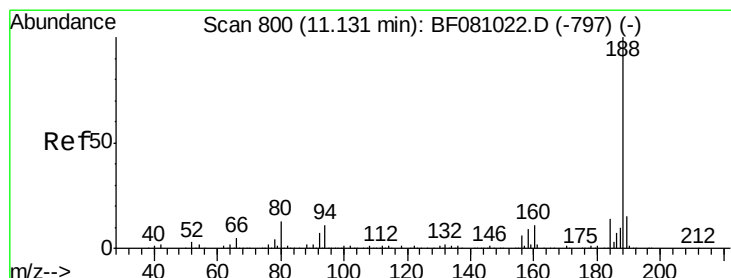
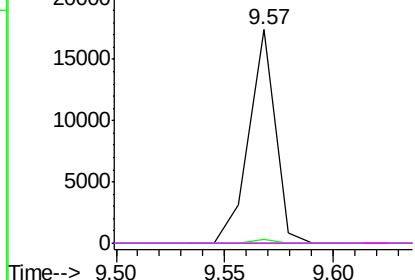
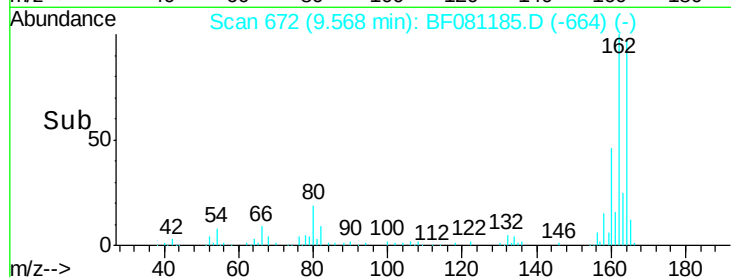
#56
 2,4-Dinitrotoluene
 Concen: 5.35 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081185.D
 Acq: 25 Aug 2015 00:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

Tgt Ion:165 Resp: 14639
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.2 78.4#
 89 0.0 60.1 90.1#
 182 0.0 1.8 2.6#

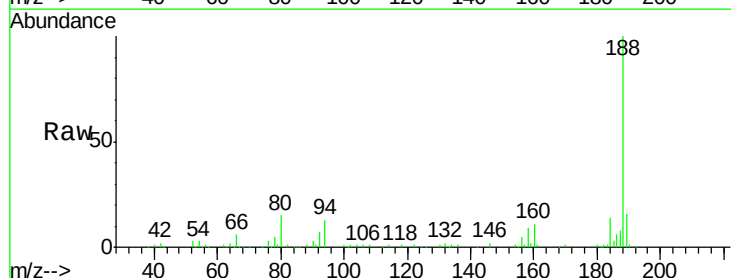


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

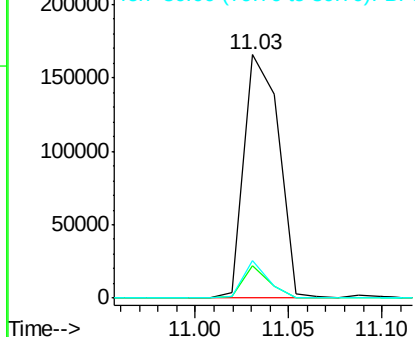
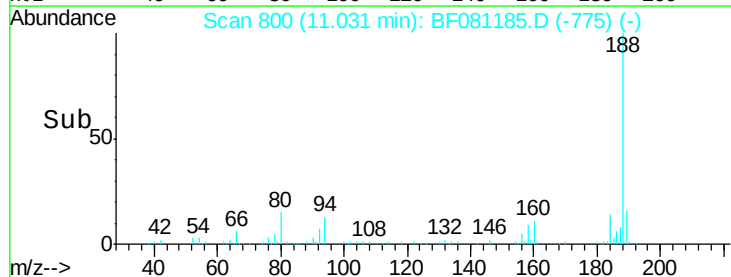


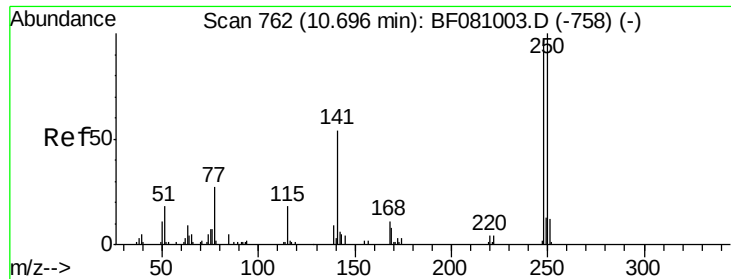
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081185.D
 Acq: 25 Aug 2015 00:08

Tgt Ion:188 Resp: 214659
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.2 12.2#
 80 15.2 9.5 14.3#



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

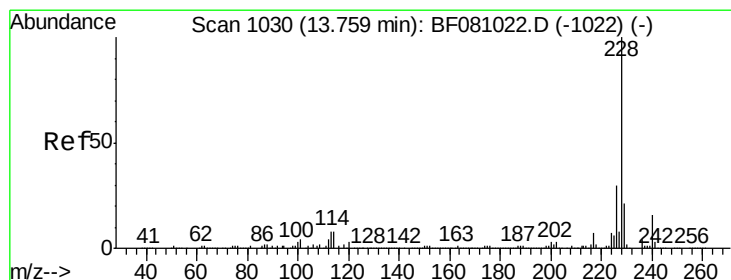
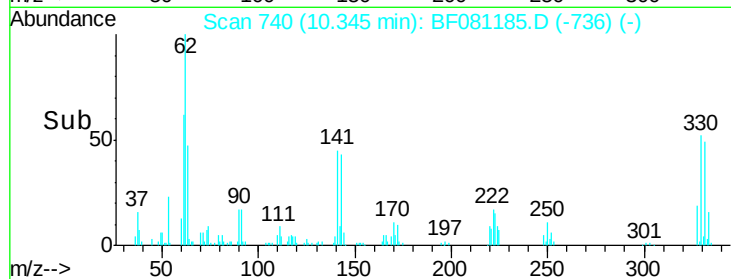
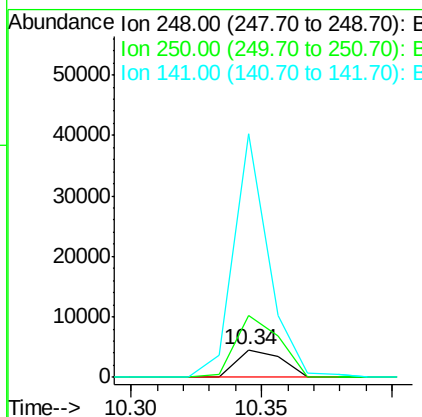
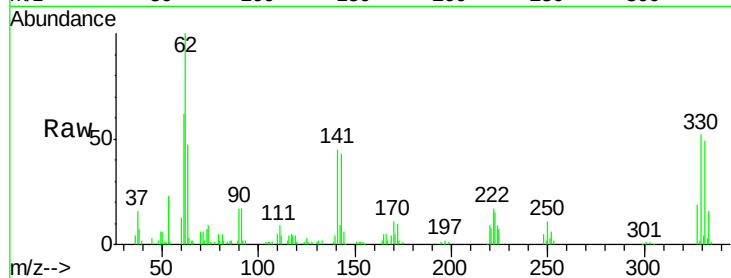




#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF081185.D
Acq: 25 Aug 2015 00:08

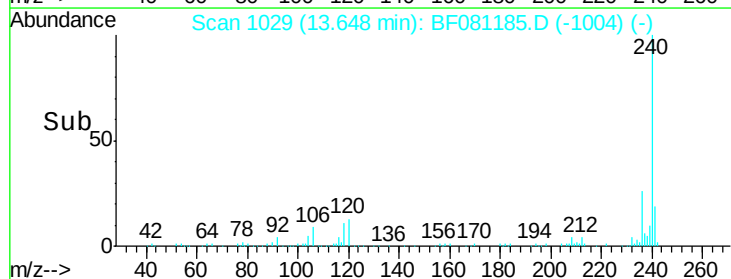
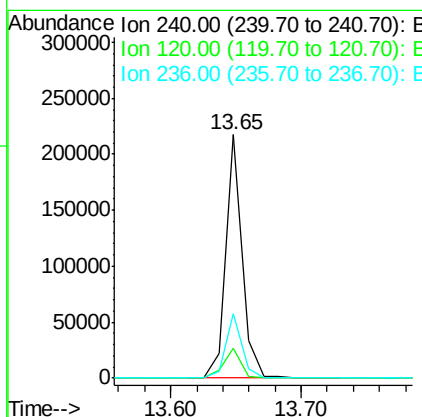
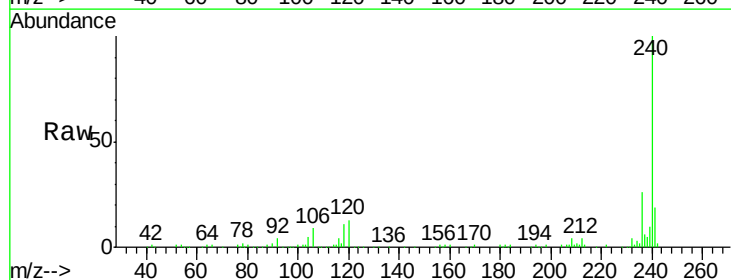
Instrument :
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P001-BF003-01

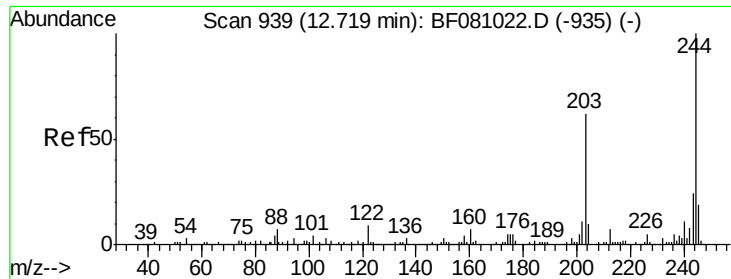
Tgt Ion:248 Resp: 5452
Ion Ratio Lower Upper
248 100
250 225.0 77.8 116.6#
141 882.8 39.8 59.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF081185.D
Acq: 25 Aug 2015 00:08

Tgt Ion:240 Resp: 189928
Ion Ratio Lower Upper
240 100
120 12.5 5.6 8.4#
236 26.2 20.6 30.8





#78

Terphenyl-d14

Concen: 49.54 ng

RT: 12.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF081185.D

Acq: 25 Aug 2015 00:08

Instrument :

BNA_F

ClientSampleId :

P001-BF003-01

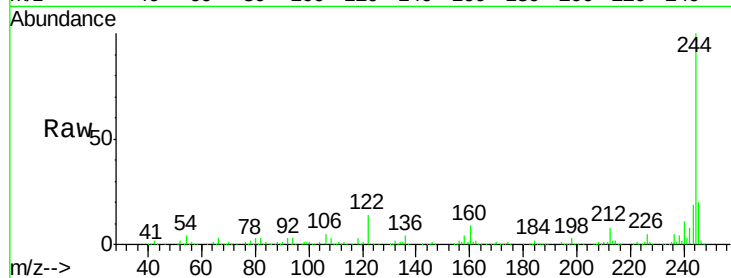
Tgt Ion:244 Resp: 438857

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

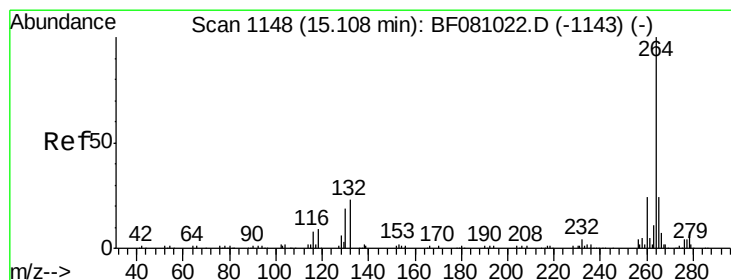
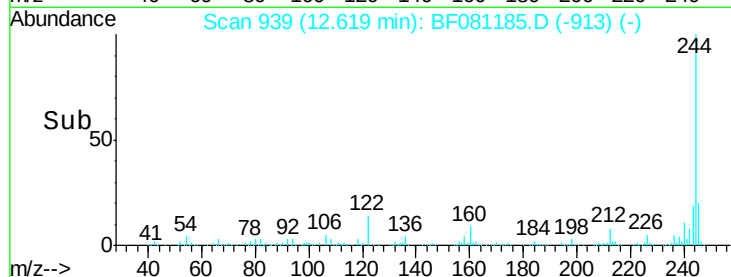
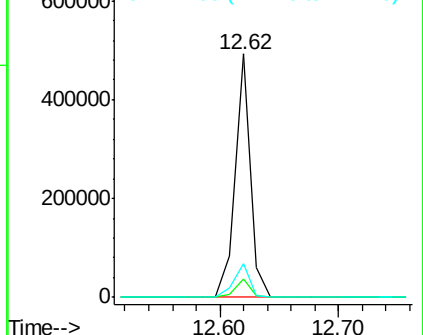
122 14.0 8.2 12.4#



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: 14.99 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF081185.D

Acq: 25 Aug 2015 00:08

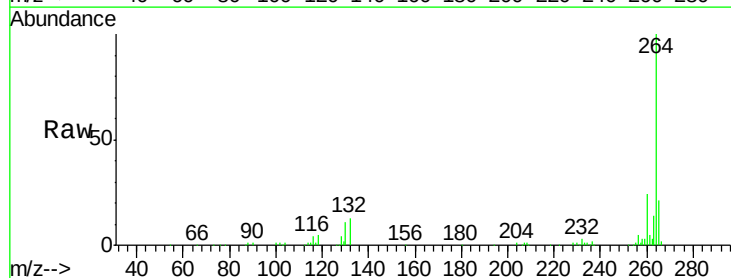
Tgt Ion:264 Resp: 137502

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.3 17.5 26.3



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

