

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081440.D
 Acq On : 5 Sep 2015 2:02
 Operator : UM/IZ
 Sample : G3526-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:56:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

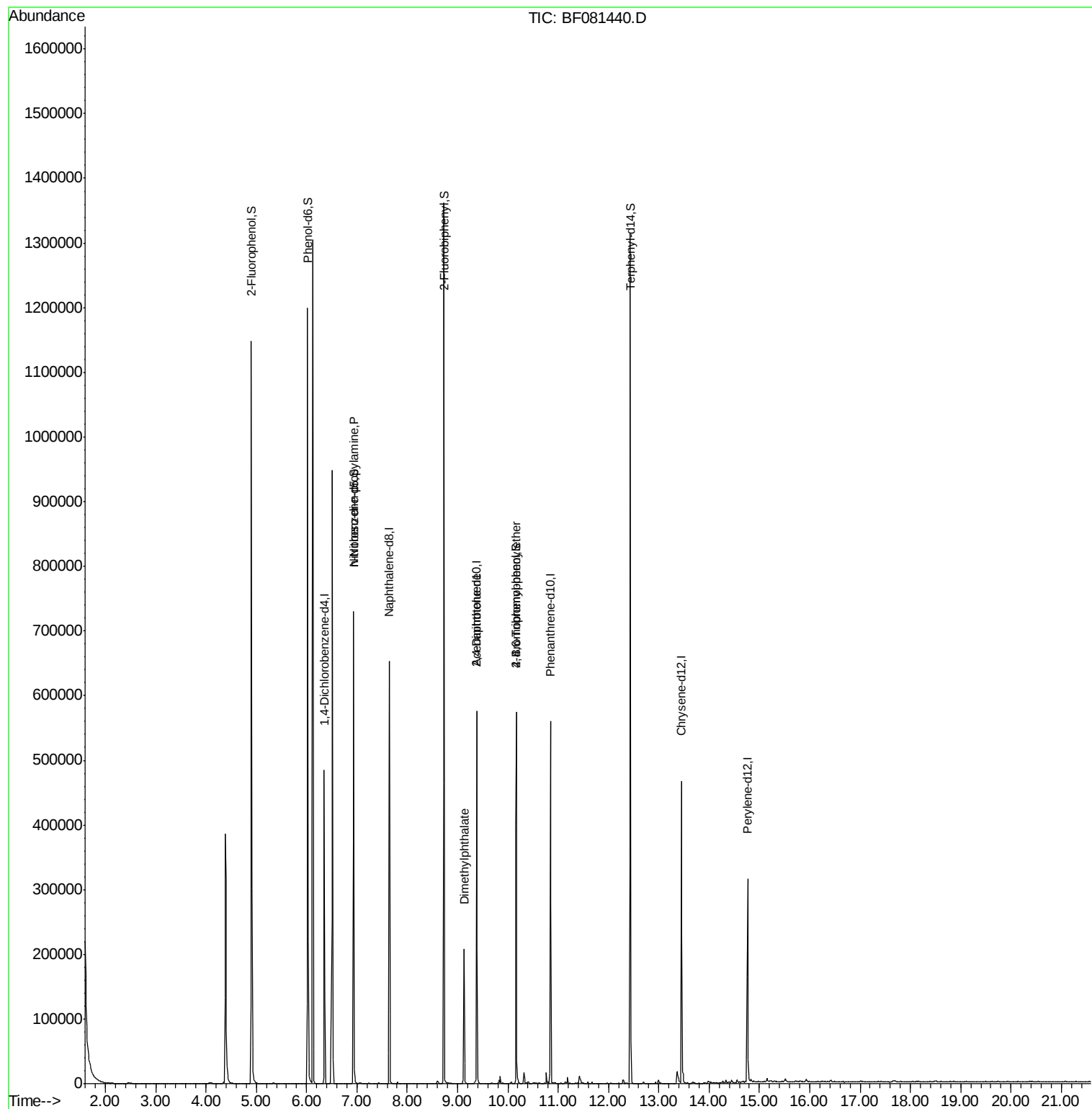
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	65517	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	263035	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	116642	20.00	ng	-0.01
63) Phenanthrene-d10	10.85	188	243442	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	192389	20.00	ng	-0.01
86) Perylene-d12	14.77	264	140114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	289439	68.54	ng	0.00
7) Phenol-d6	6.02	99	363167	64.97	ng	-0.01
23) Nitrobenzene-d5	6.94	82	264747	48.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	75491	72.69	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	436115	47.91	ng	0.00
78) Terphenyl-d14	12.43	244	387697	46.91	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	34551	9.08	ng	# 59
49) Dimethylphthalate	9.13	163	72759	8.03	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	15090	5.76	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	5550	2.25	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: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

Instrument :

BNA_F

ClientSampleId :

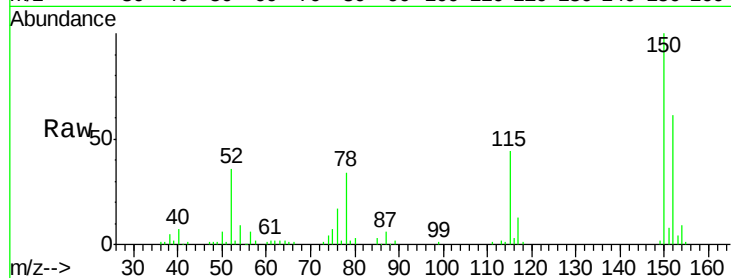
Tot Ion:152 Resp: 65517

Ion Ratio Lower Upper

152 100

150 164.6 124.7 187.1

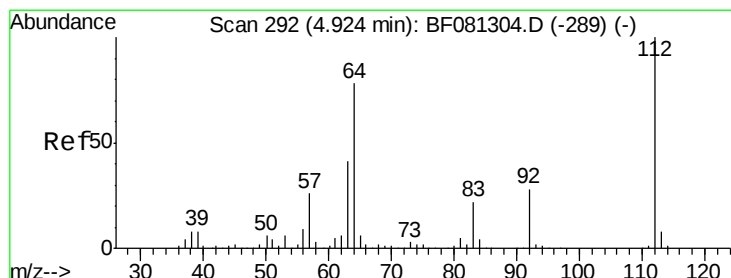
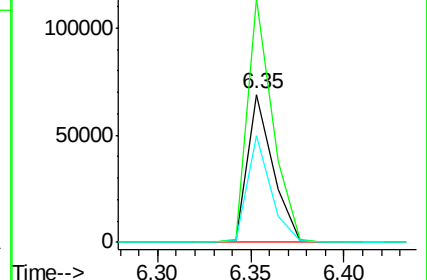
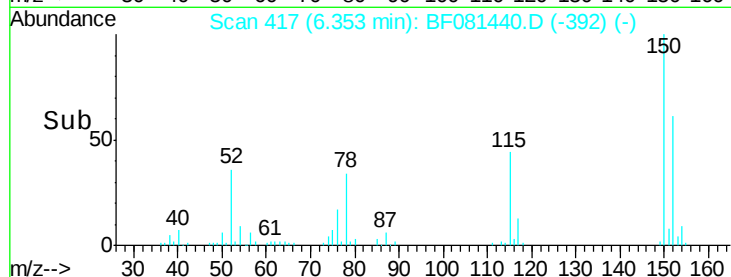
115 71.7 39.0 58.4#



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: 68.54 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

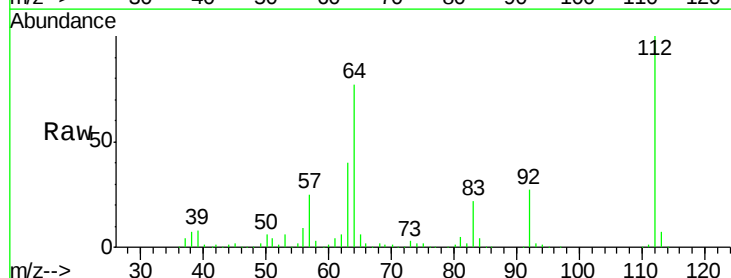
Tgt Ion:112 Resp: 289439

Ion Ratio Lower Upper

112 100

64 76.5 39.7 59.5#

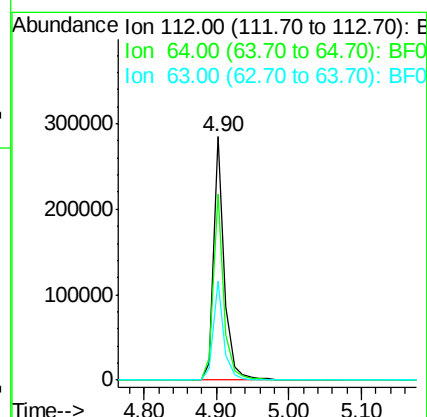
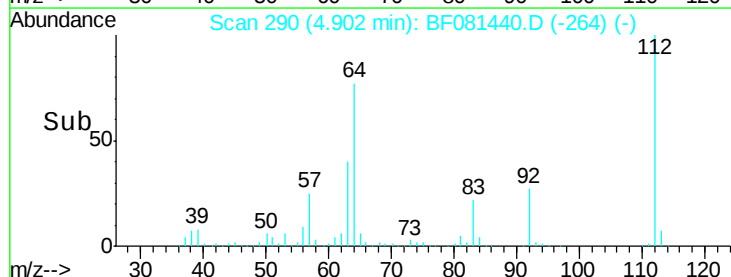
63 40.5 17.4 26.0#



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: 64.97 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

Instrument :

BNA_F

ClientSampled :

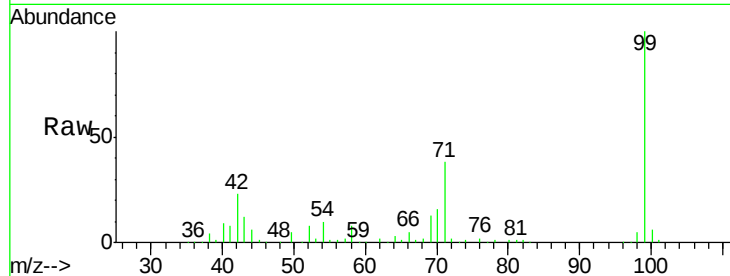
Tot Ion: 99 Resp: 363167

Ion Ratio Lower Upper

99 100

42 23.4 13.7 20.5#

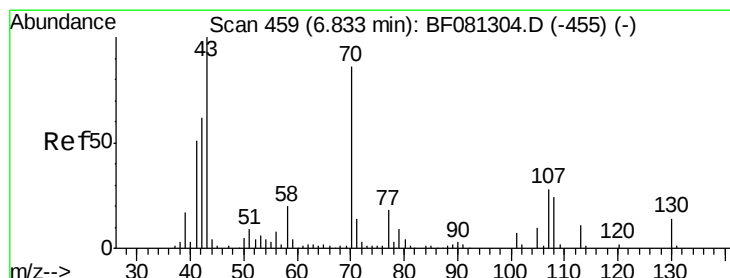
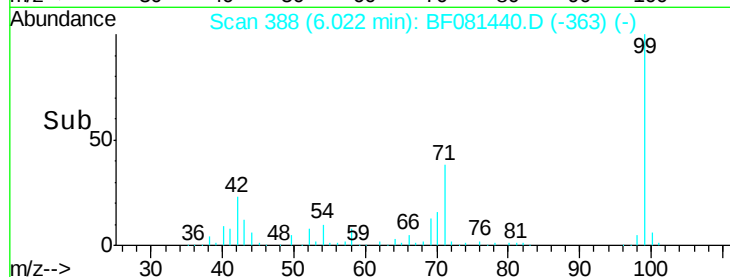
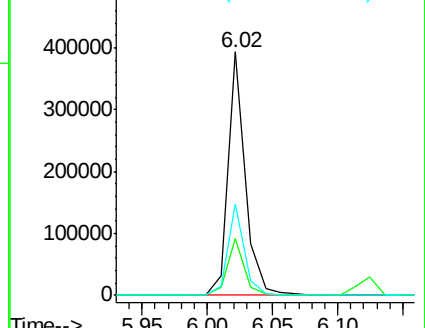
71 37.7 14.2 21.2#



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: 9.08 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

Tgt Ion: 70 Resp: 34551

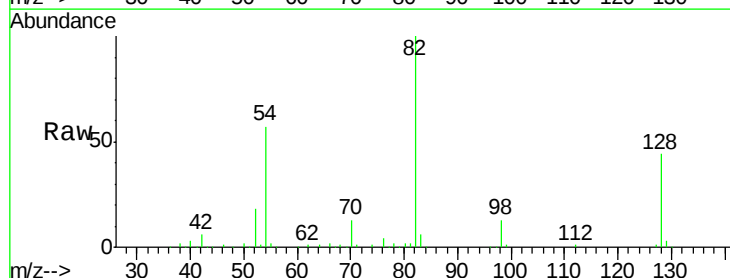
Ion Ratio Lower Upper

70 100

42 47.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

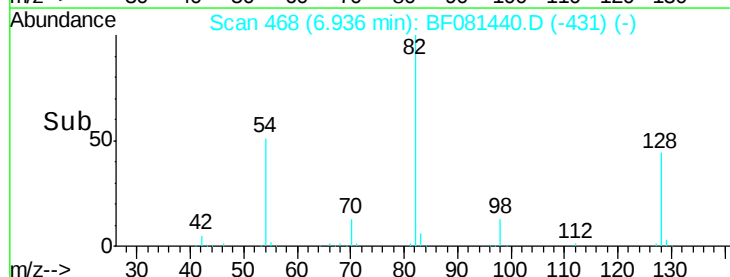
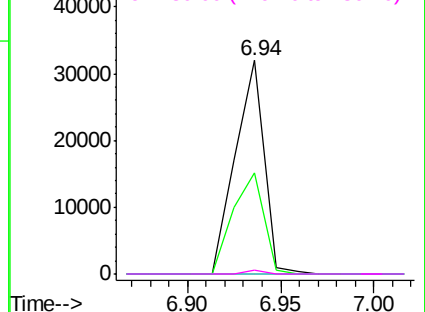


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 263035

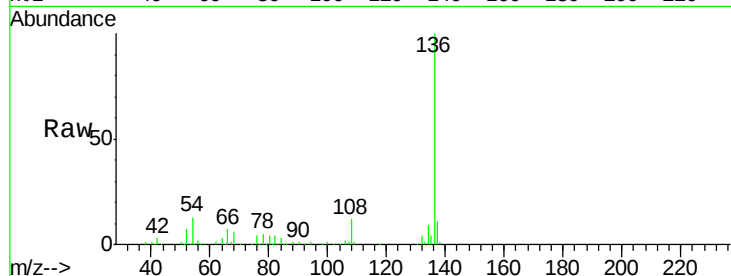
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.9 8.2 12.2#

68 5.8 5.8 8.6

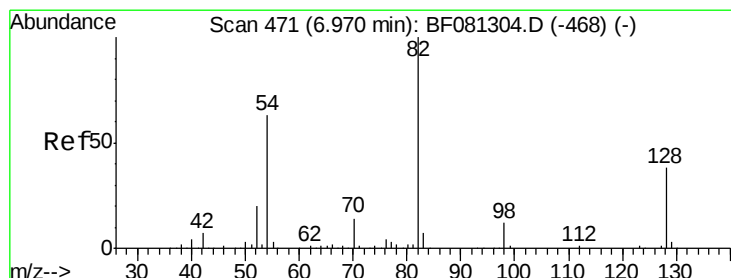
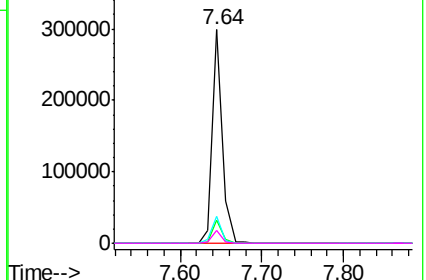
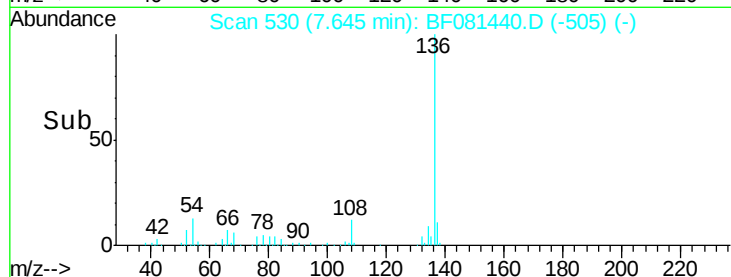


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.56 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

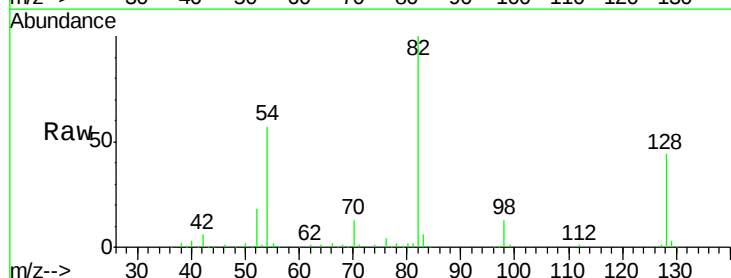
Tgt Ion: 82 Resp: 264747

Ion Ratio Lower Upper

82 100

128 43.8 51.0 76.6#

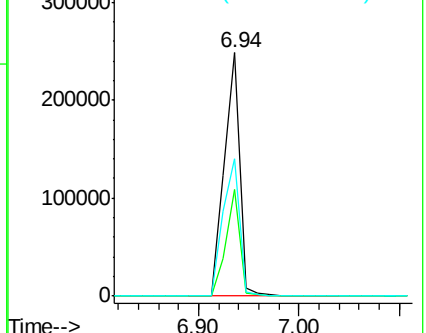
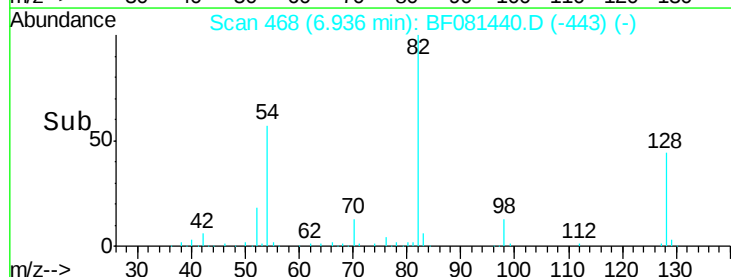
54 56.6 47.5 71.3

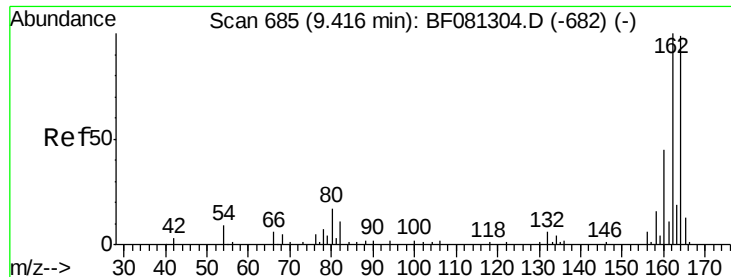


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

Instrument :

BNA_F

ClientSampleId :

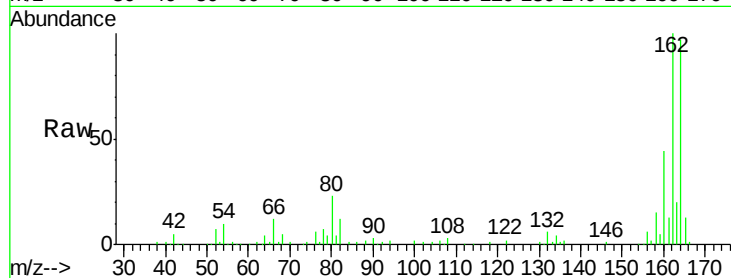
Tot Ion:164 Resp: 116642

Ion Ratio Lower Upper

164 100

162 102.7 75.2 112.8

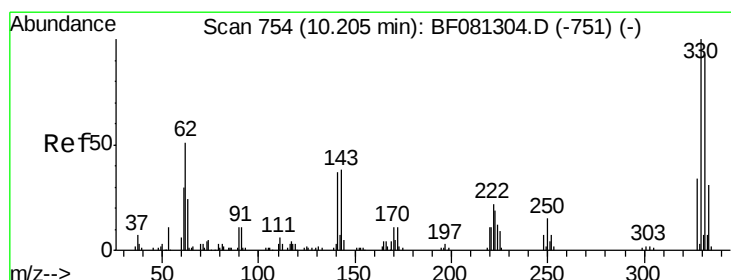
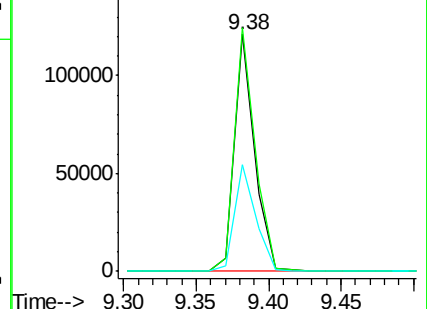
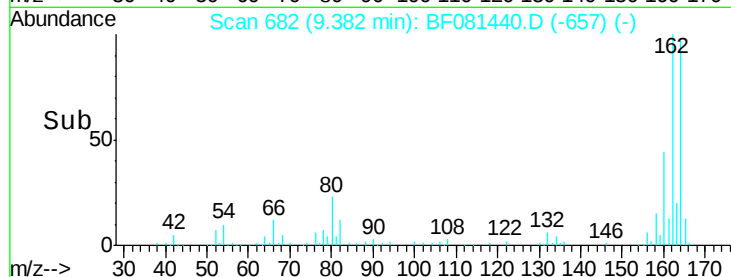
160 45.0 31.5 47.3



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: 72.69 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

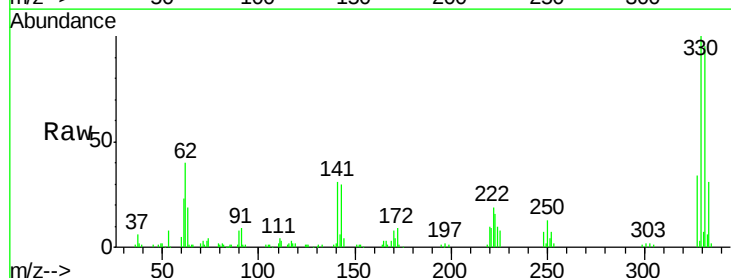
Tgt Ion:330 Resp: 75491

Ion Ratio Lower Upper

330 100

332 94.2 76.6 114.8

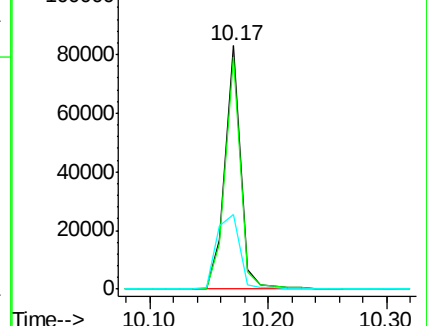
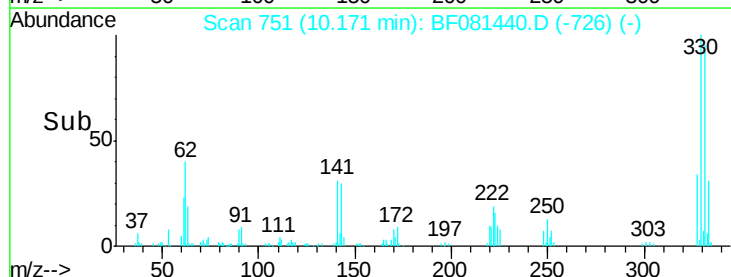
141 45.4 29.7 44.5#



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

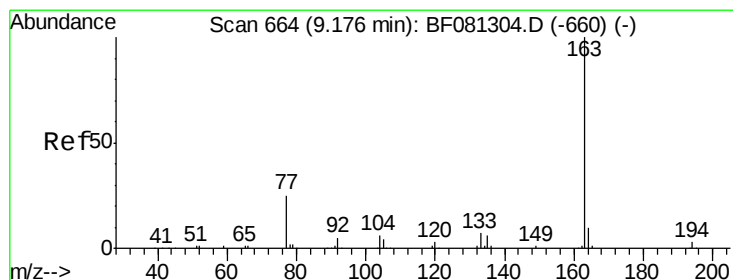
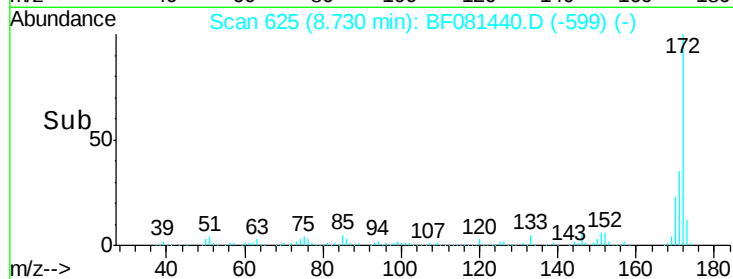
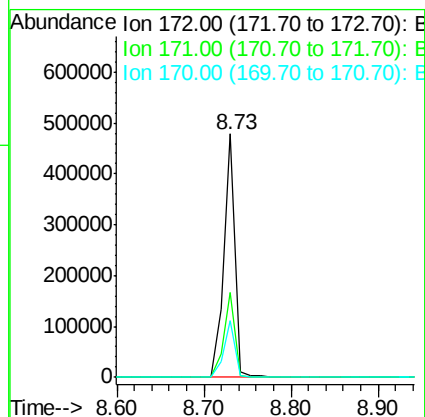
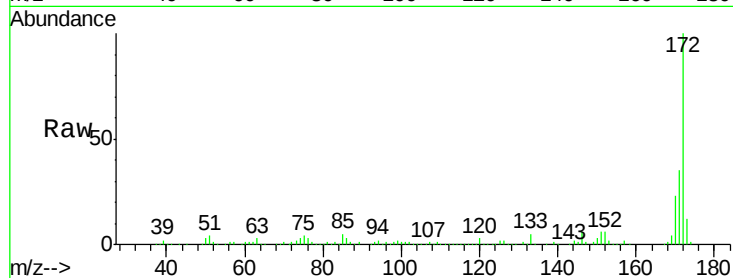




#44
2-Fluorobiphenyl
Concen: 47.91 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081440.D
Acq: 5 Sep 2015 2:02

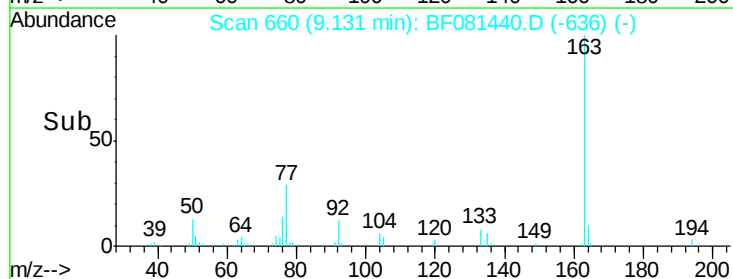
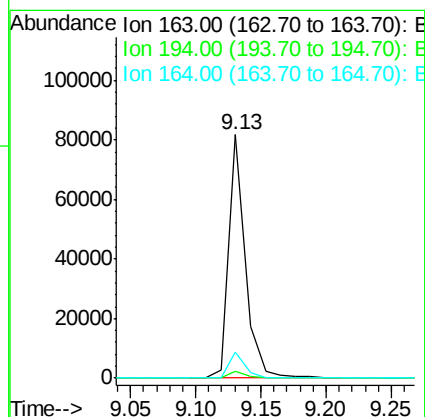
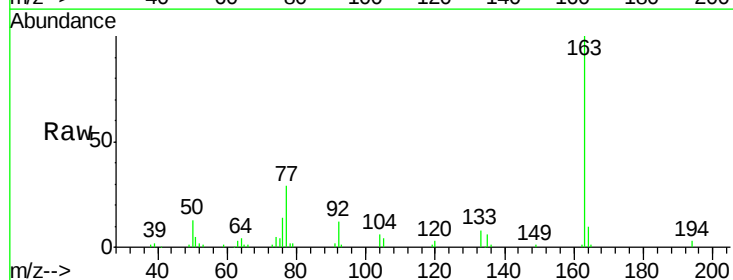
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 436115
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 23.4 17.4 26.2



#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081440.D
Acq: 5 Sep 2015 2:02

Tgt Ion:163 Resp: 72759
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.5 8.3 12.5

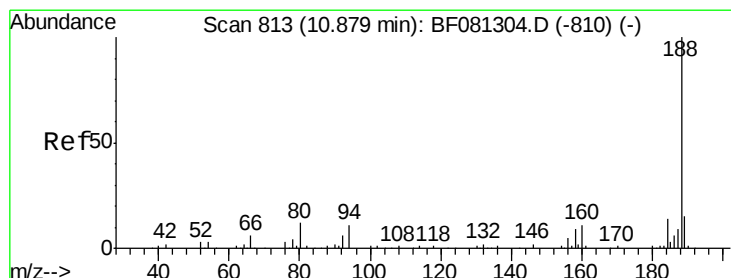
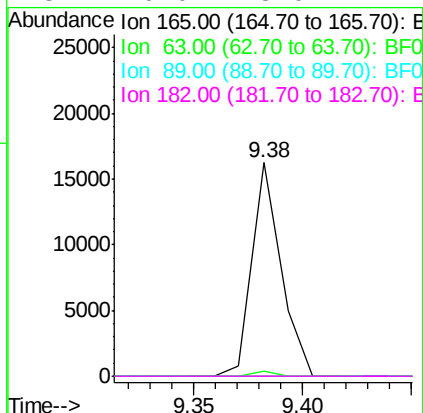
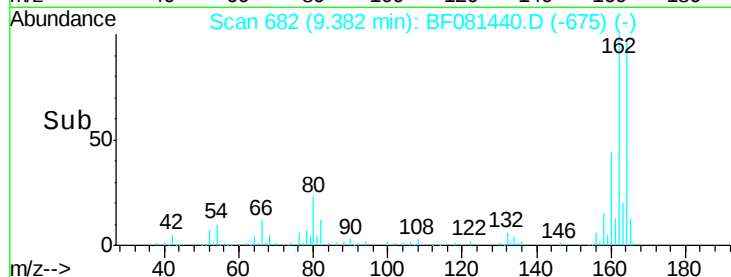
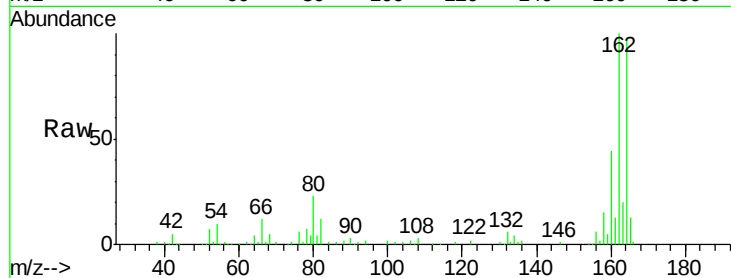




#56
 2,4-Dinitrotoluene
 Concen: 5.76 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081440.D
 Acq: 5 Sep 2015 2:02

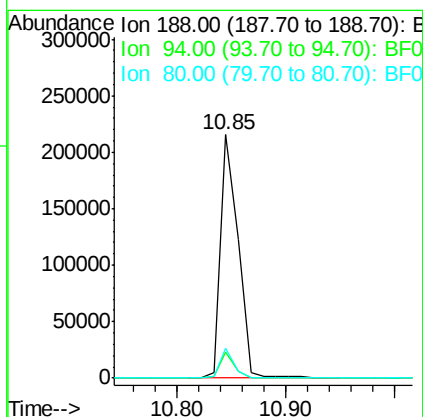
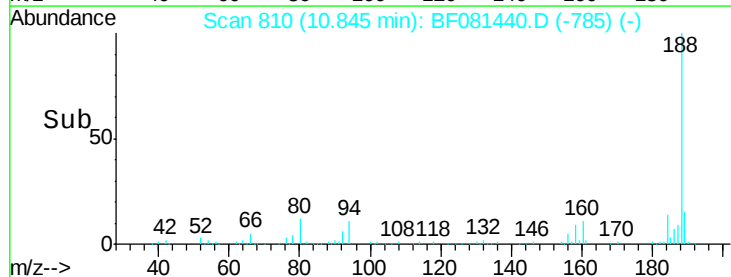
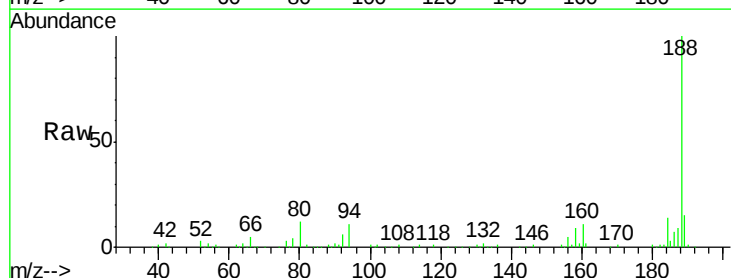
Instrument :
 BNA_F
 ClientSampleId :

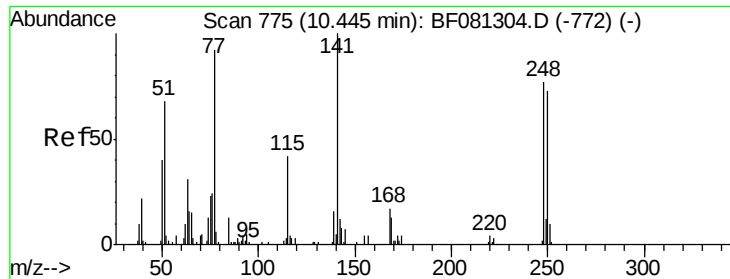
Tot Ion:	165	Resp:	15090
Ion	Ratio	Lower	Upper
165	100		
63	2.3	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081440.D
 Acq: 5 Sep 2015 2:02

Tgt Ion:	188	Resp:	243442
Ion	Ratio	Lower	Upper
188	100		
94	10.8	11.1	16.7#
80	12.1	11.0	16.4

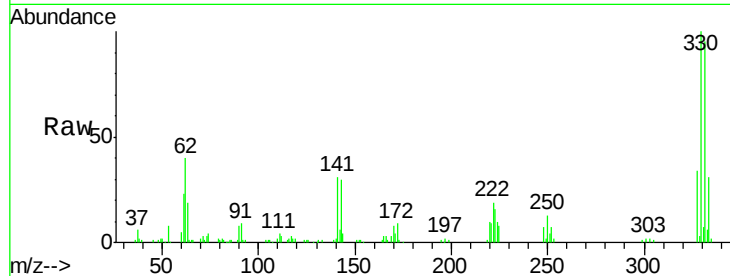




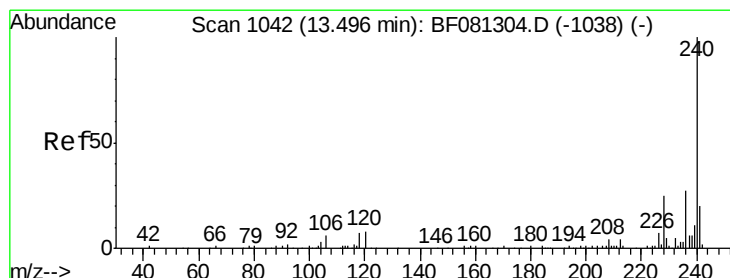
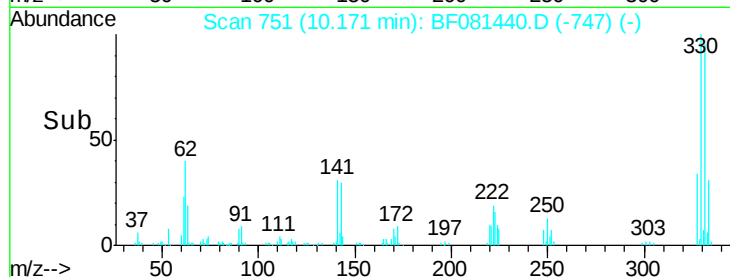
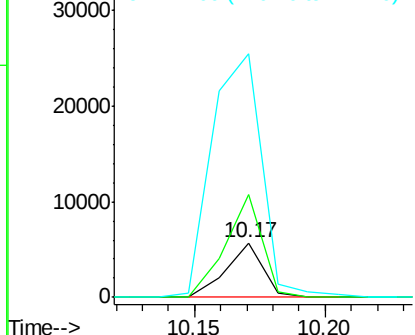
#66
4-Bromophenyl-phenylether
Concen: 2.25 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081440.D
Acq: 5 Sep 2015 2:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5550
Ion Ratio Lower Upper
248 100
250 189.7 78.5 117.7#
141 449.1 59.0 88.6#

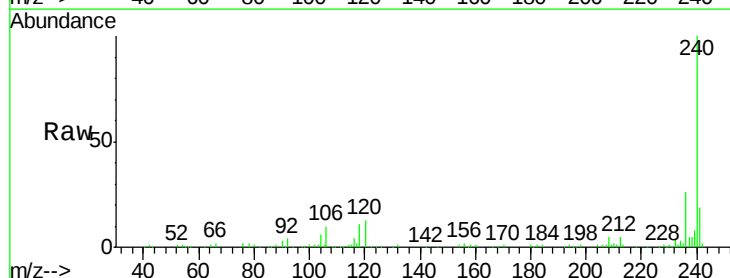


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

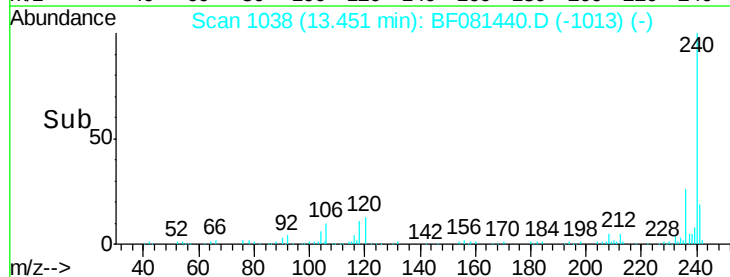
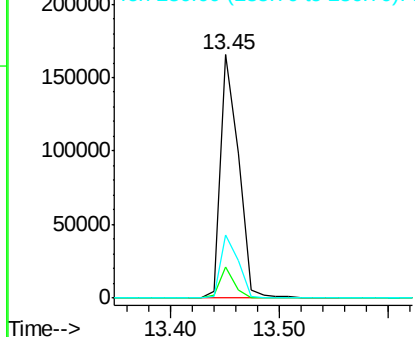


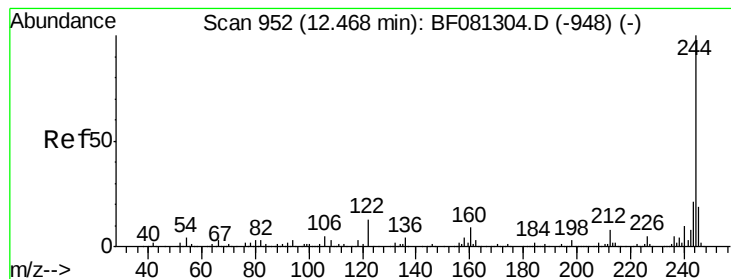
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081440.D
Acq: 5 Sep 2015 2:02

Tgt Ion:240 Resp: 192389
Ion Ratio Lower Upper
240 100
120 12.8 16.2 24.2#
236 25.8 18.4 27.6



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: 46.91 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

Instrument :

BNA_F

ClientSampled :

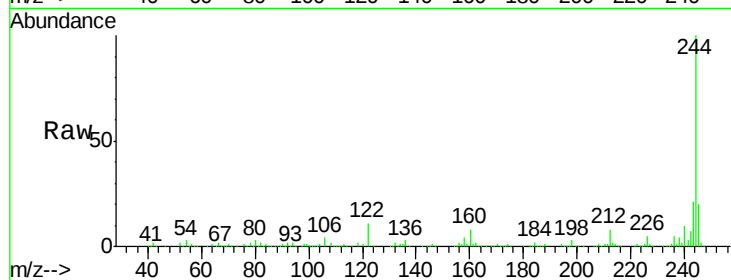
Tot Ion:244 Resp: 387697

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

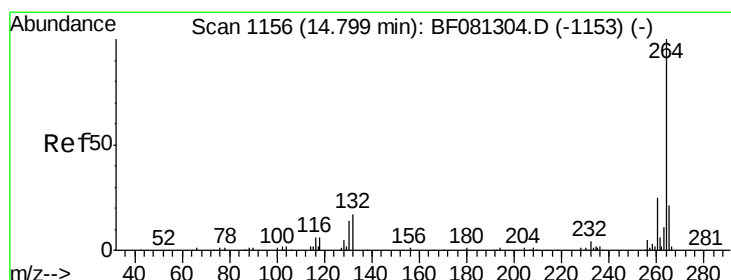
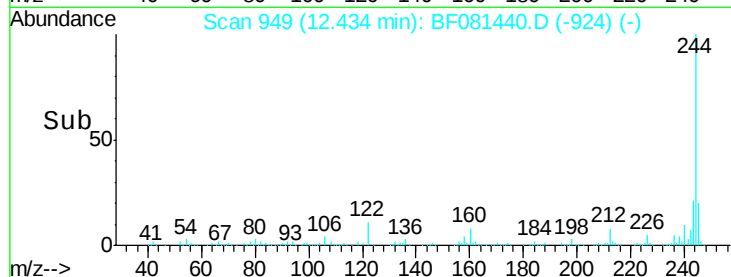
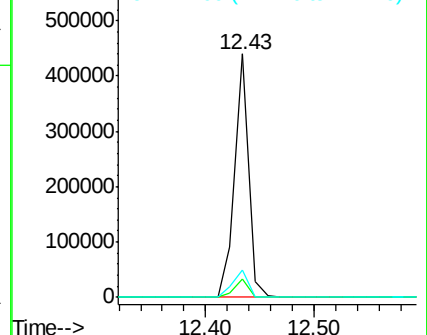
122 11.0 17.4 26.2#



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: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF081440.D

Acq: 5 Sep 2015 2:02

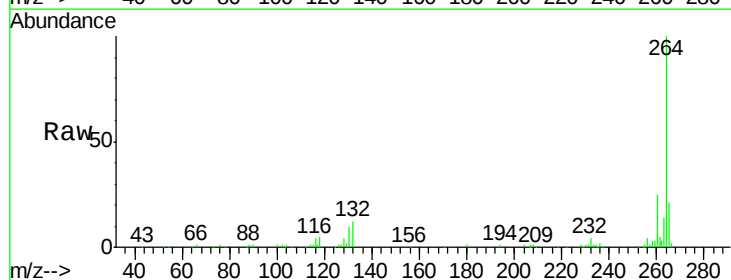
Tgt Ion:264 Resp: 140114

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

265 21.2 17.2 25.8



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

