

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081816.D
 Acq On : 25 Sep 2015 21:57
 Operator : UM/IZ
 Sample : G3704-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-9-15-15

Quant Time: Sep 26 02:12:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

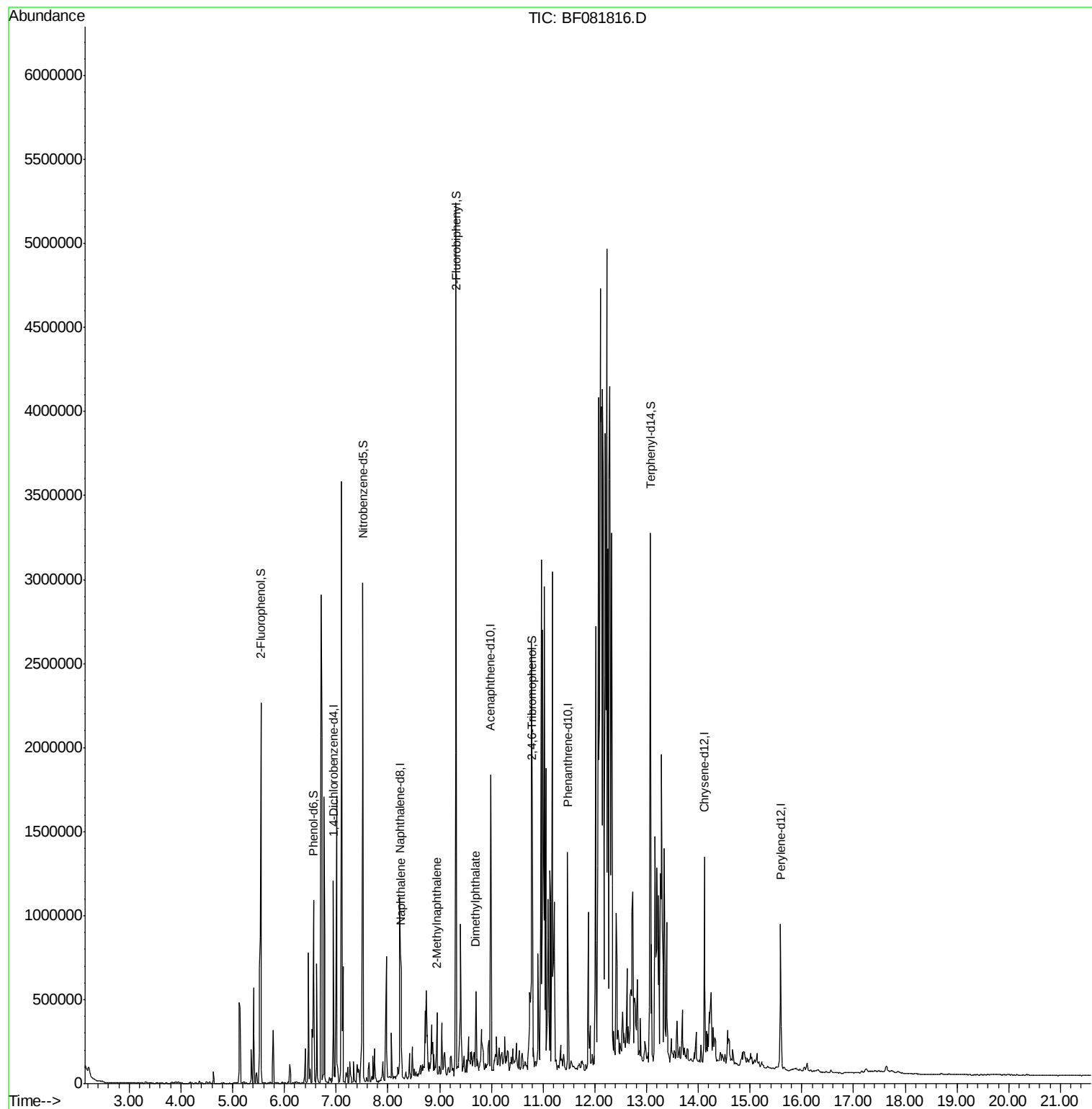
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	180112	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	623819	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	305773	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	499966	20.00	ng	0.00
75) Chrysene-d12	14.12	240	410764	20.00	ng	0.00
86) Perylene-d12	15.59	264	406008	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	592399	55.64	ng	0.00
7) Phenol-d6	6.56	99	452596	33.61	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1123645	118.84	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	451815	170.20	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1630580	87.54	ng	0.00
78) Terphenyl-d14	13.08	244	1558441	86.67	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.25	128	263828	9.17	ng	98
37) 2-Methylnaphthalene	8.95	142	103789	5.06	ng	# 91
49) Dimethylphthalate	9.70	163	126531	5.44	ng	# 86

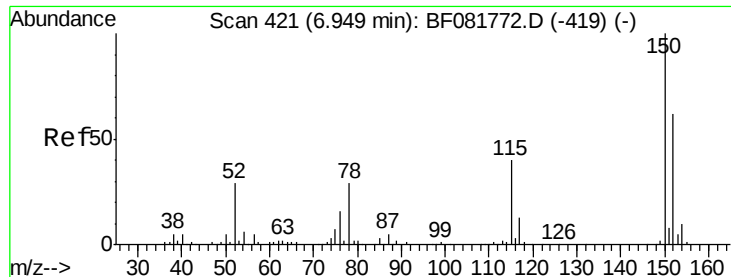
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Instrument :

BNA_F

ClientSampleId :

MW-13-9-15-15

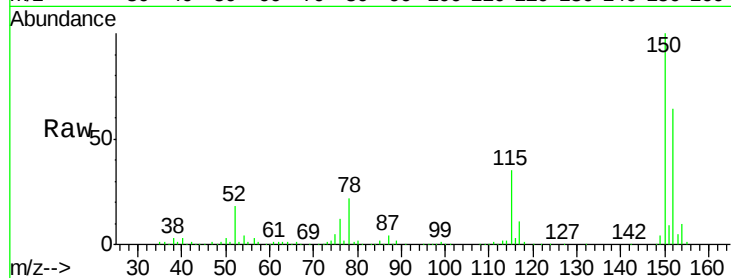
Tgt Ion:152 Resp: 180112

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

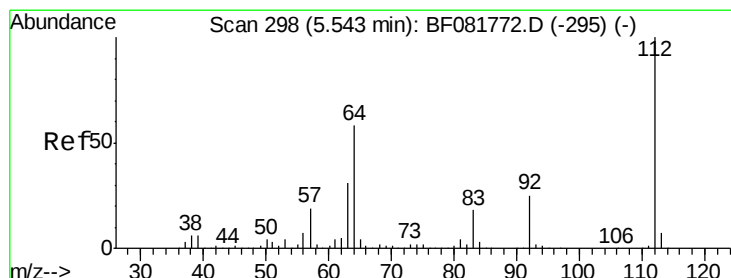
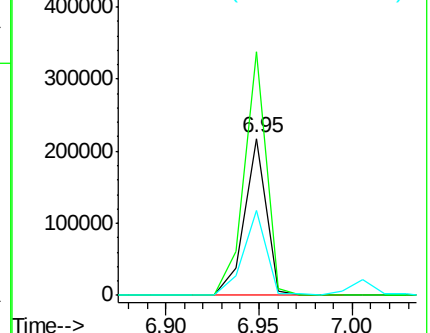
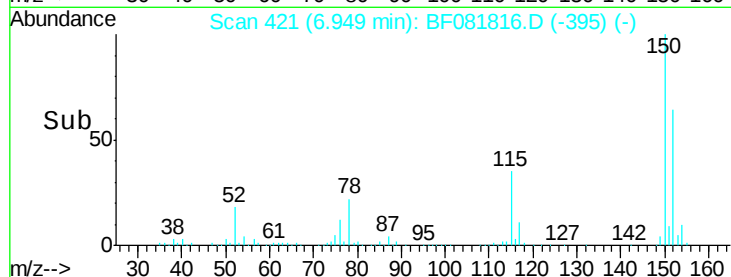
115 54.4 39.0 58.4



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: 55.64 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

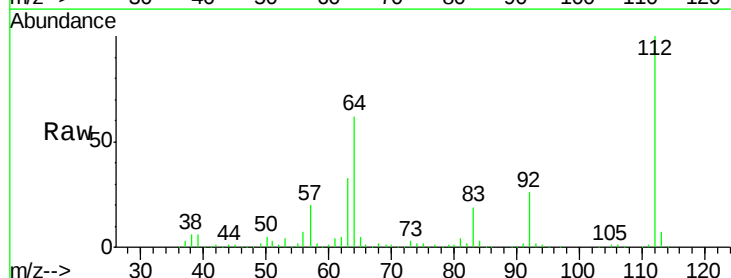
Tgt Ion:112 Resp: 592399

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

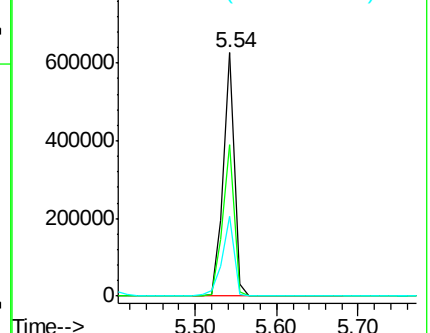
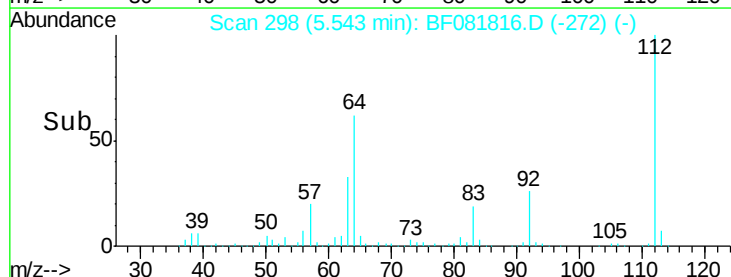
63 32.9 17.4 26.0#



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: 33.61 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Instrument :

BNA_F

ClientSampleId :

MW-13-9-15-15

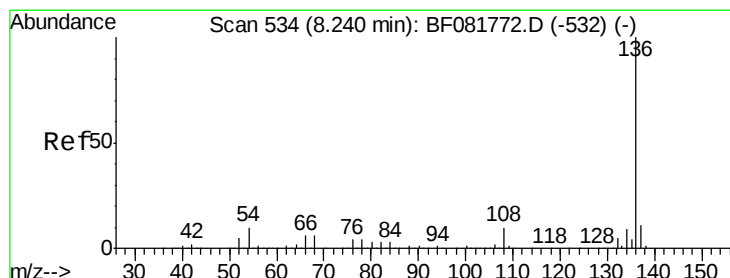
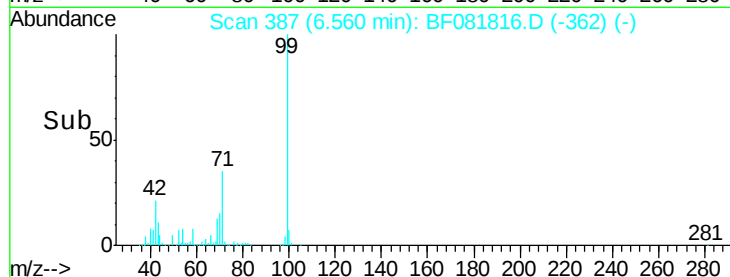
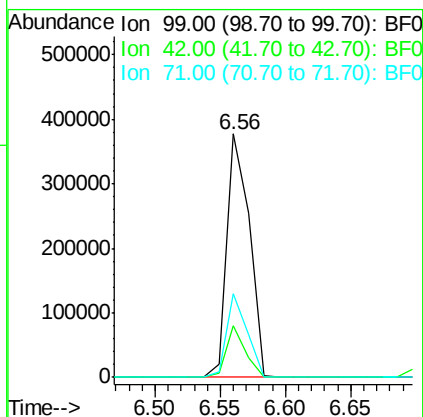
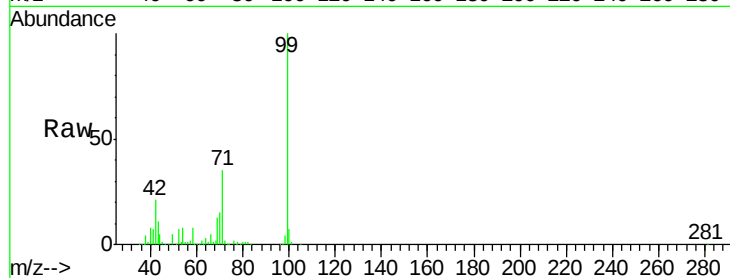
Tgt Ion: 99 Resp: 452596

Ion Ratio Lower Upper

99 100

42 21.0 13.7 20.5#

71 34.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Tgt Ion: 136 Resp: 623819

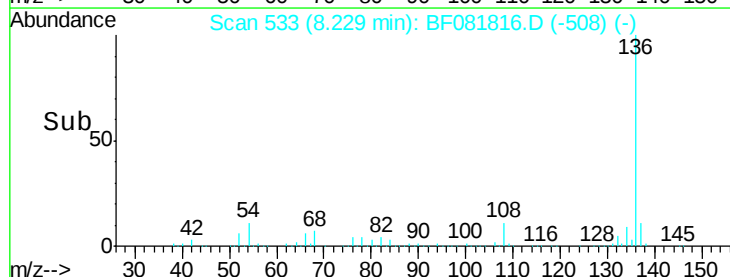
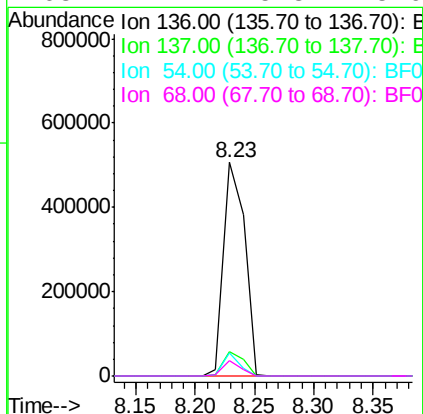
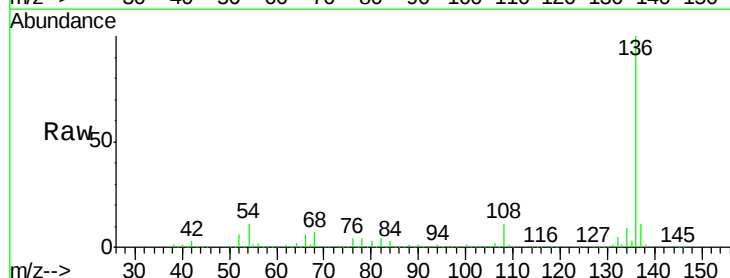
Ion Ratio Lower Upper

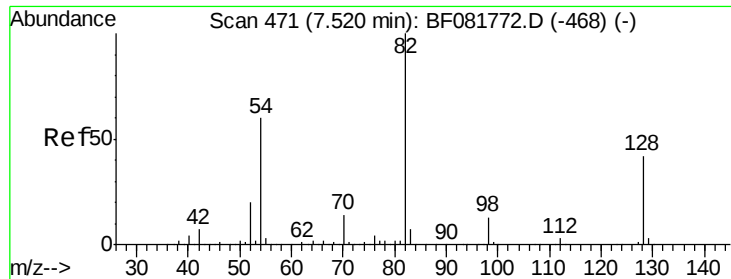
136 100

137 11.3 9.0 13.6

54 11.1 8.2 12.2

68 7.2 5.8 8.6





#23

Nitrobenzene-d5

Concen: 118.84 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Instrument :

BNA_F

ClientSampleId :

MW-13-9-15-15

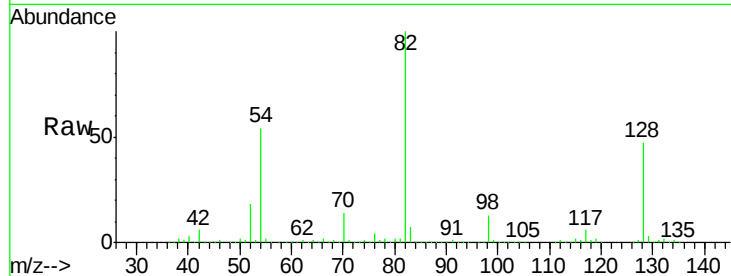
Tgt Ion: 82 Resp: 1123645

Ion Ratio Lower Upper

82 100

128 46.9 51.0 76.6#

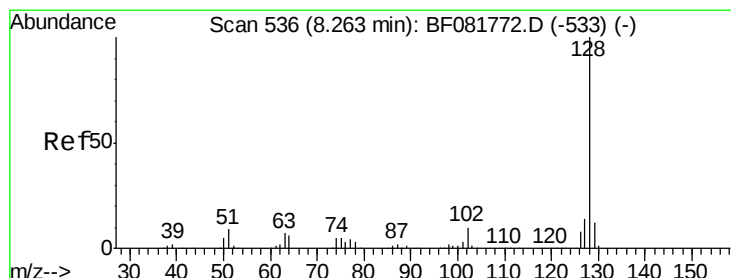
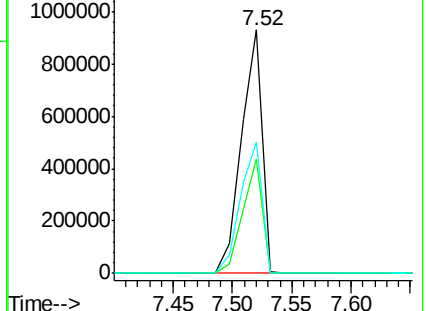
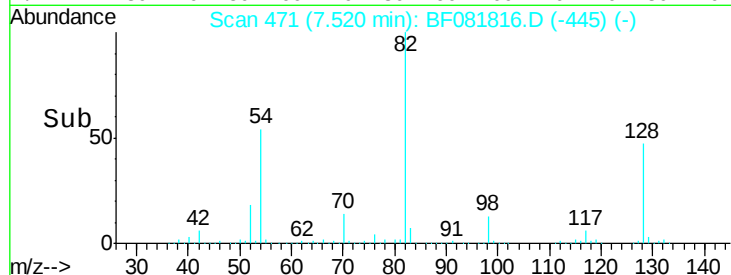
54 53.9 47.5 71.3



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



#31

Naphthalene

Concen: 9.17 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

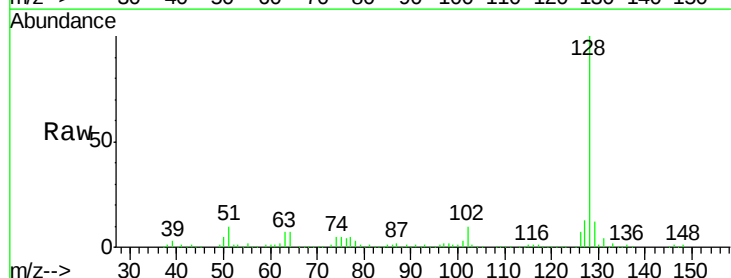
Tgt Ion: 128 Resp: 263828

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

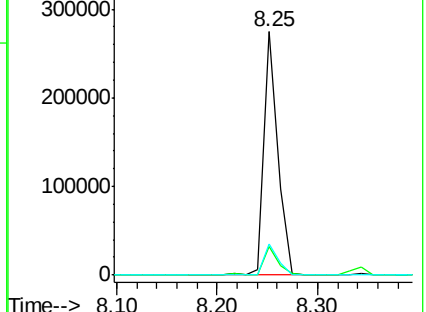
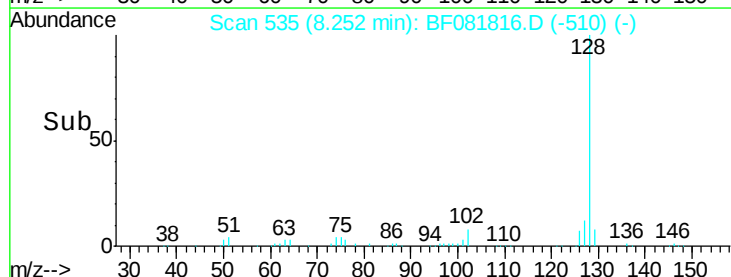
127 12.8 9.9 14.9

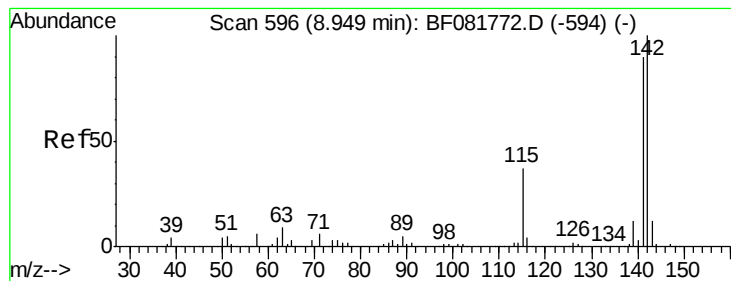


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 5.06 ng

RT: 8.95 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Instrument :

BNA_F

ClientSampleId :

MW-13-9-15-15

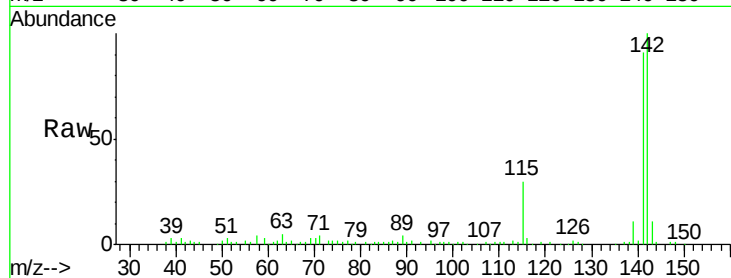
Tgt Ion:142 Resp: 103789

Ion Ratio Lower Upper

142 100

141 91.0 67.5 101.3

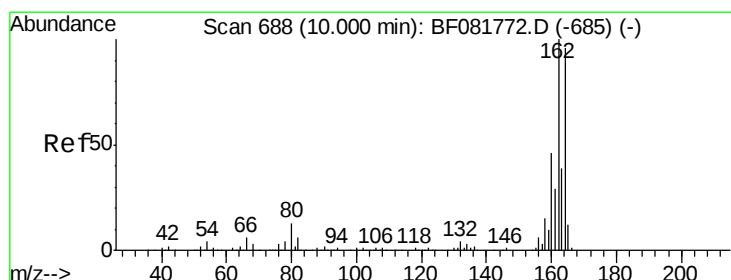
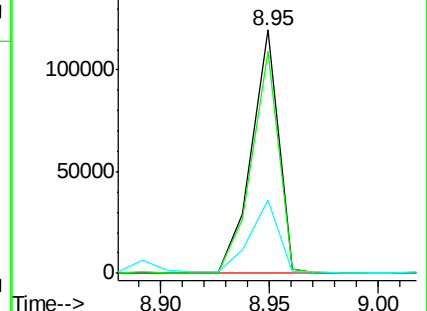
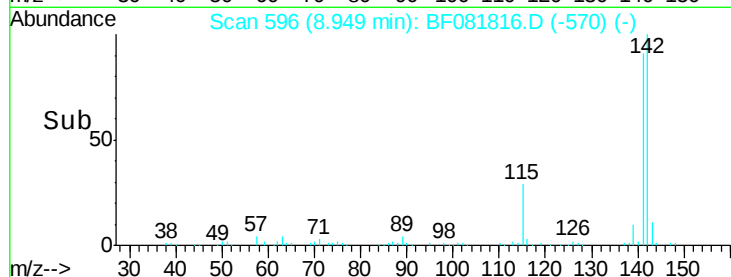
115 30.2 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

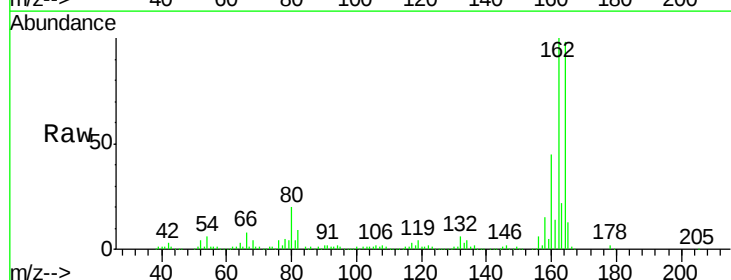
Tgt Ion:164 Resp: 305773

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

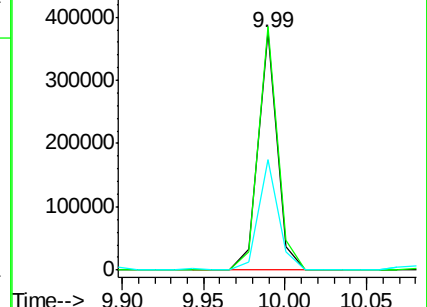
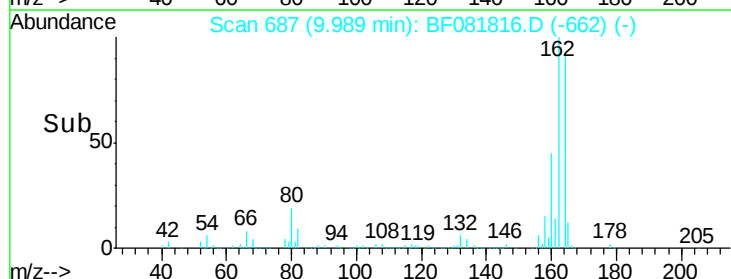
160 46.1 31.5 47.3

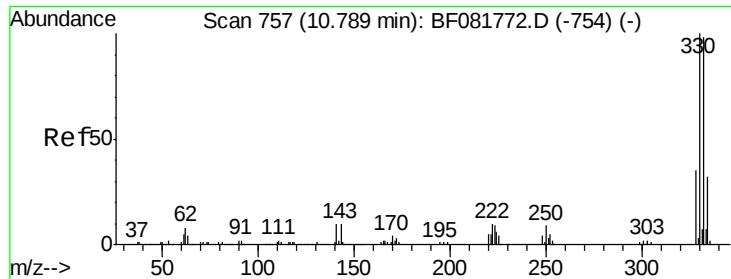


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

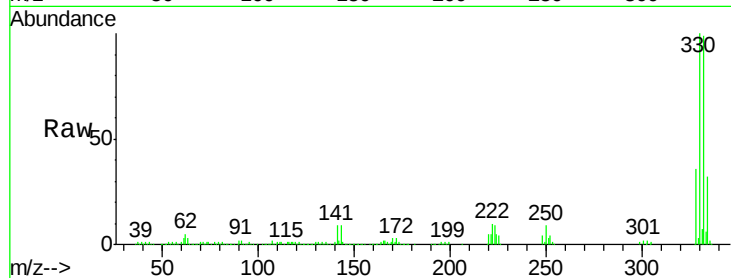




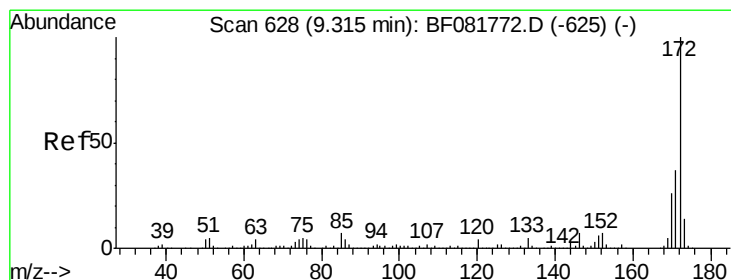
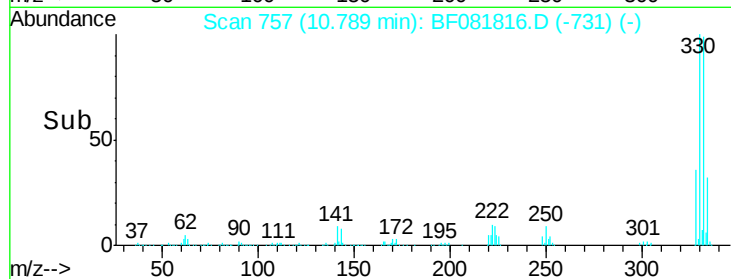
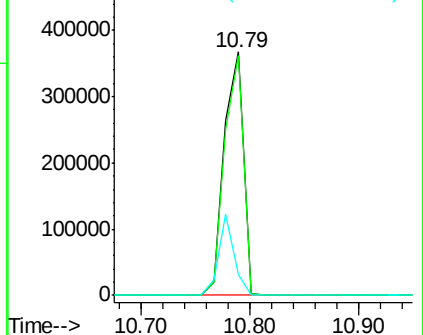
#41
 2,4,6-Tribromophenol
 Concen: 170.20 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081816.D
 Acq: 25 Sep 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-9-15-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	27.4	29.7	44.5#

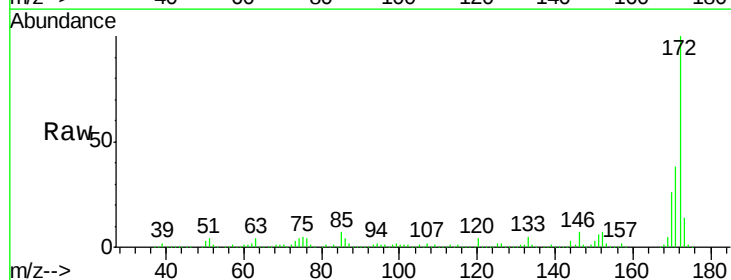


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

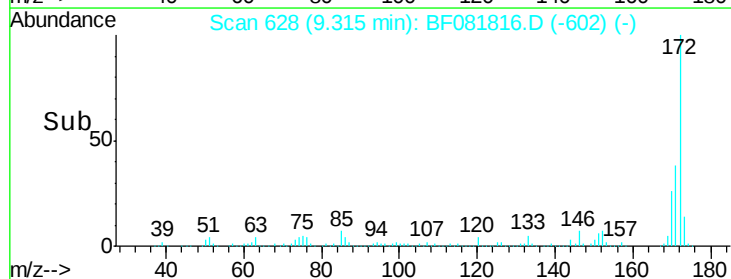
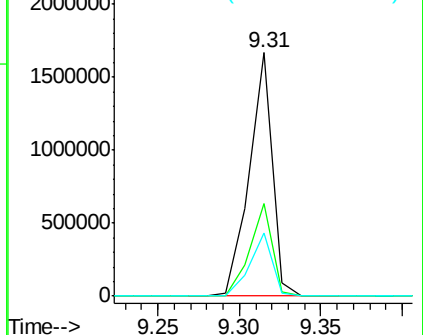


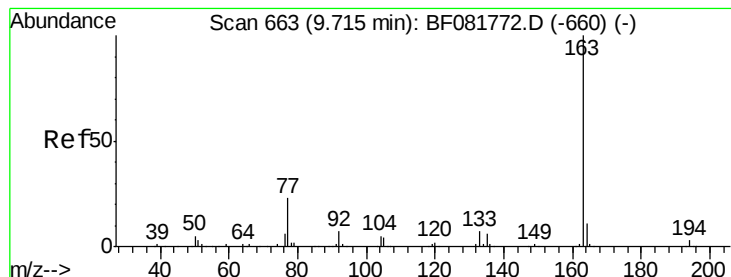
#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081816.D
 Acq: 25 Sep 2015 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	26.1	39.1
170	26.2	17.4	26.2#



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: 5.44 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Instrument :

BNA_F

ClientSampleId :

MW-13-9-15-15

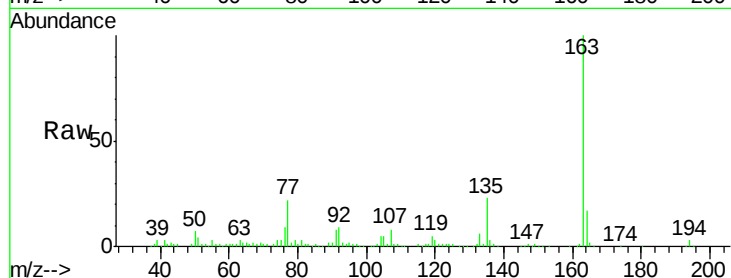
Tgt Ion:163 Resp: 126531

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

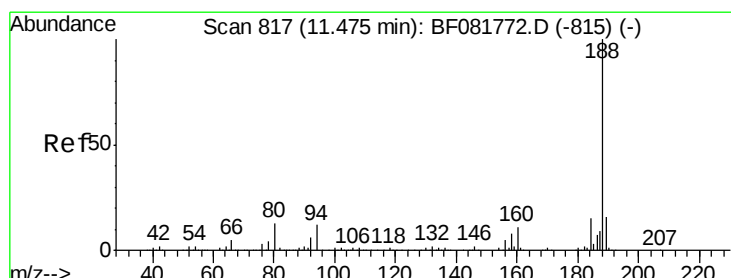
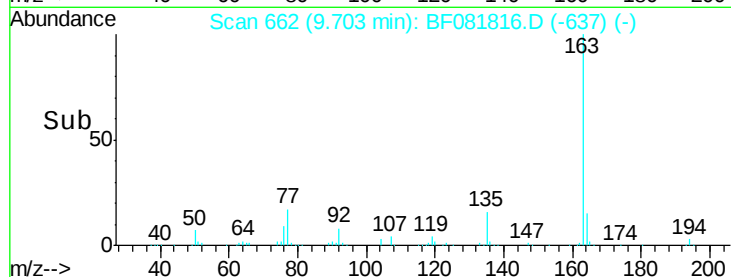
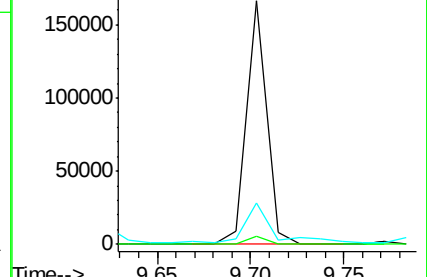
164 17.1 8.3 12.5#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

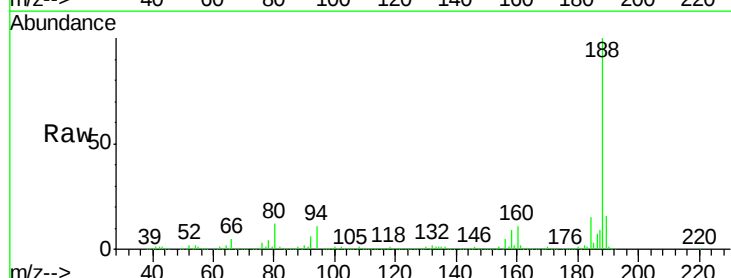
Tgt Ion:188 Resp: 499966

Ion Ratio Lower Upper

188 100

94 10.9 11.1 16.7#

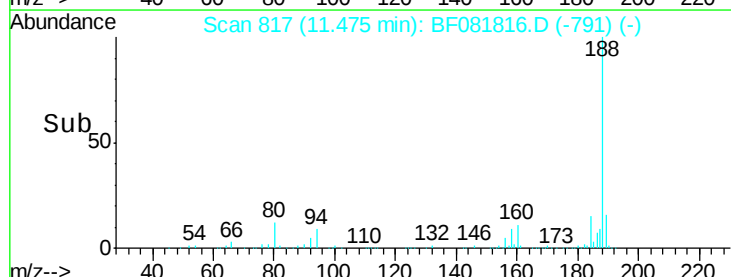
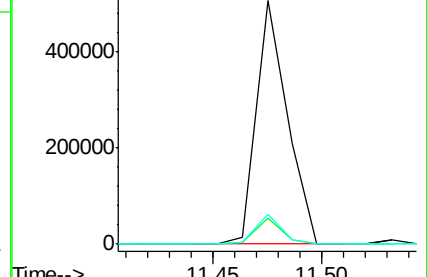
80 12.4 11.0 16.4

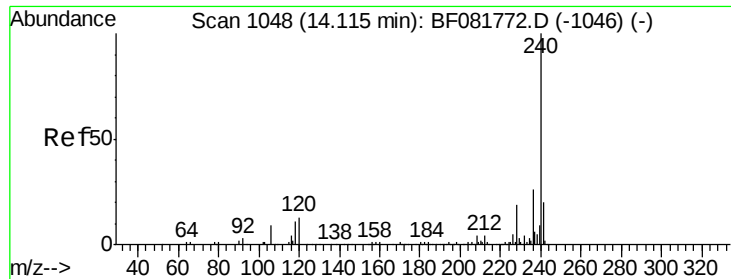


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

Instrument :

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ClientSampleId :

MW-13-9-15-15

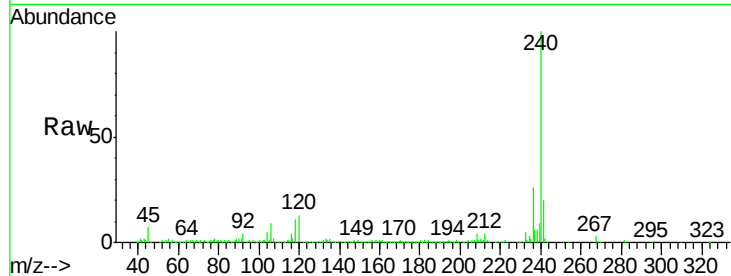
Tgt Ion:240 Resp: 410764

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

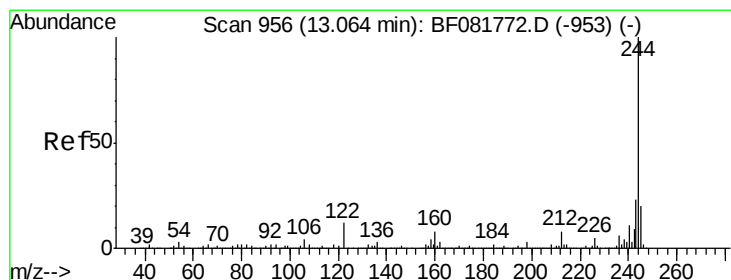
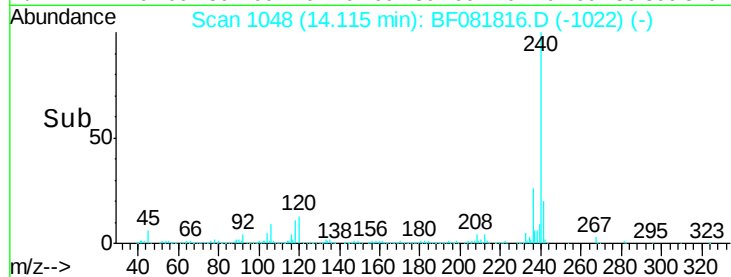
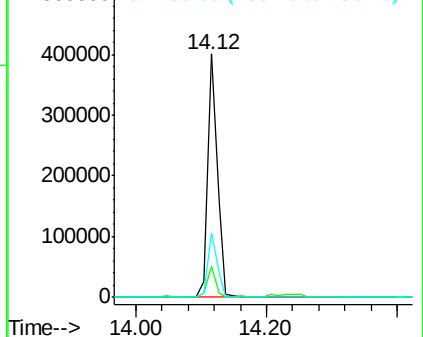
236 26.4 18.4 27.6



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: 86.67 ng

RT: 13.08 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF081816.D

Acq: 25 Sep 2015 21:57

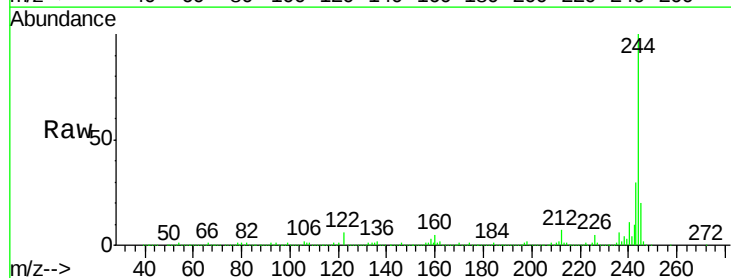
Tgt Ion:244 Resp: 1558441

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

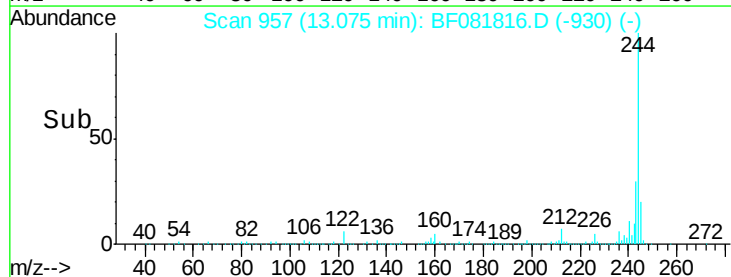
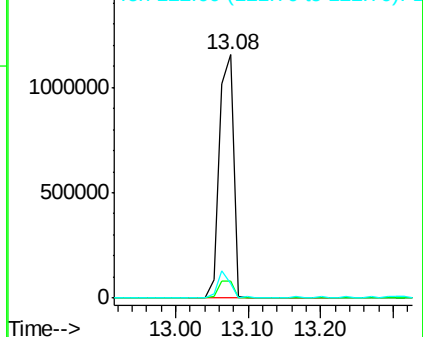
122 6.0 17.4 26.2#

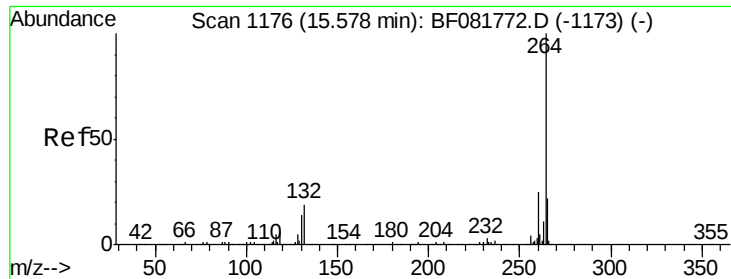


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.9	17.2	25.8

