

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081364.D
 Acq On : 2 Sep 2015 23:20
 Operator : UM/IZ
 Sample : G3474-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Sep 03 00:51:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

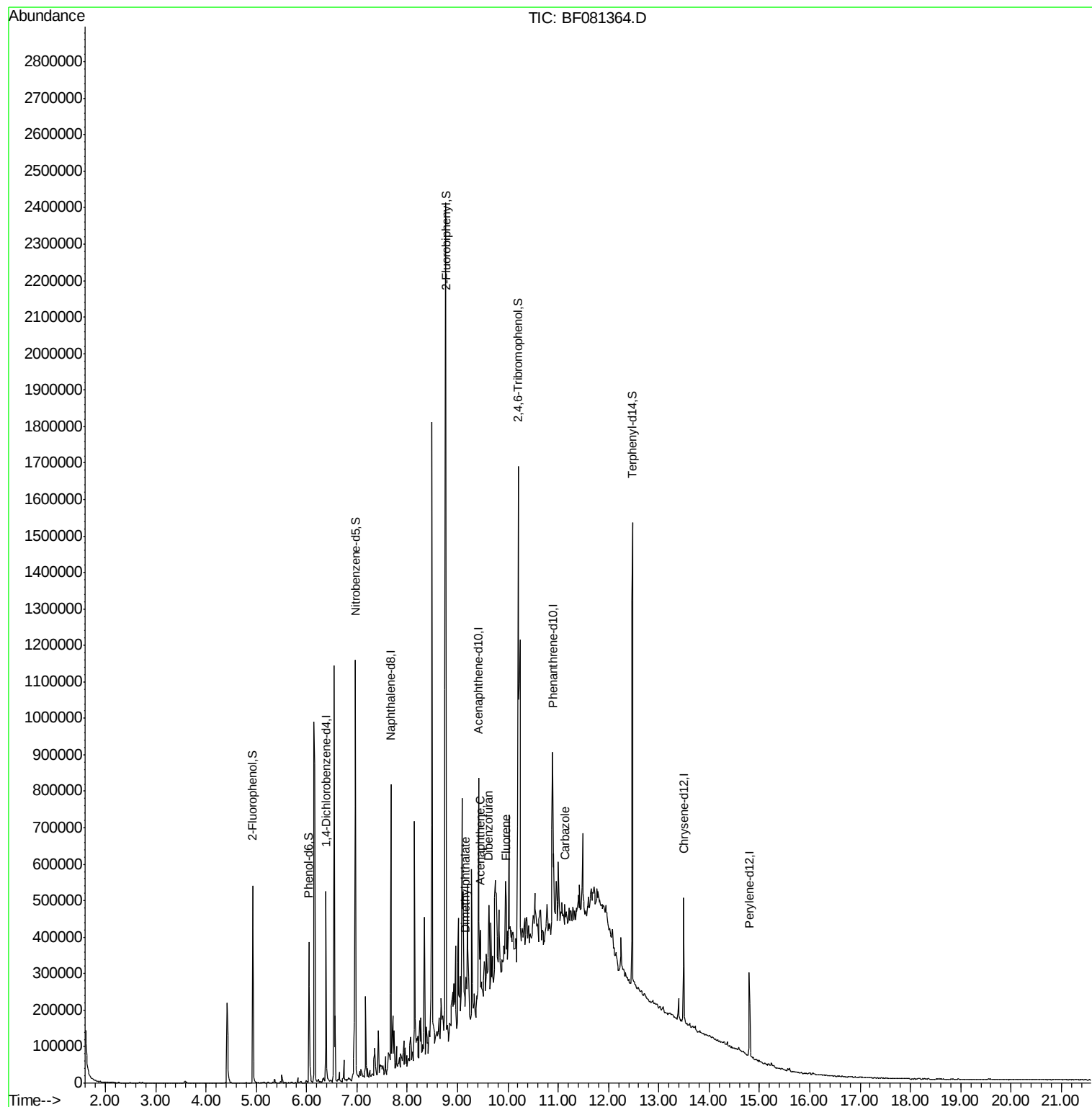
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	69553	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	269755	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	112127	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	214297	20.00	ng	0.01
75) Chrysene-d12	13.50	240	132019	20.00	ng	0.00
86) Perylene-d12	14.80	264	95352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	186566	41.62	ng	0.00
7) Phenol-d6	6.04	99	161784	27.26	ng	-0.01
23) Nitrobenzene-d5	6.97	82	430122	76.93	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	110782	110.96	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	751808	85.92	ng	0.00
78) Terphenyl-d14	12.48	244	579000	102.09	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.16	163	22362	2.57	ng	# 95
51) Acenaphthene	9.45	154	43599	5.80	ng	# 88
54) Dibenzofuran	9.62	168	39322	3.58	ng	# 76
57) Fluorene	9.96	166	40184	4.82	ng	# 94
72) Carbazole	11.13	167	25988	2.26	ng	# 87

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

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MW-06

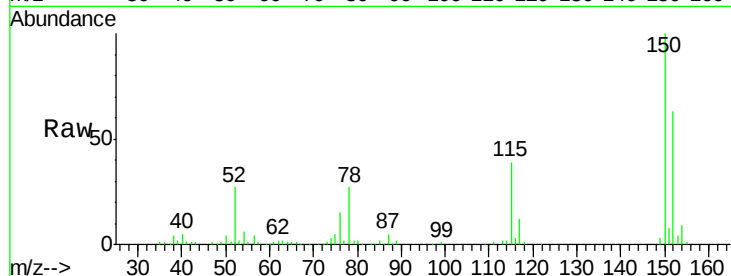
Tgt Ion:152 Resp: 69553

Ion Ratio Lower Upper

152 100

150 160.0 124.7 187.1

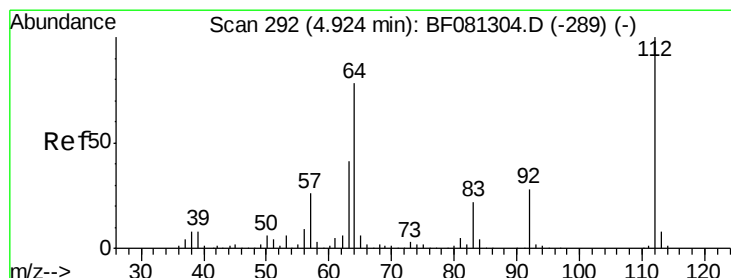
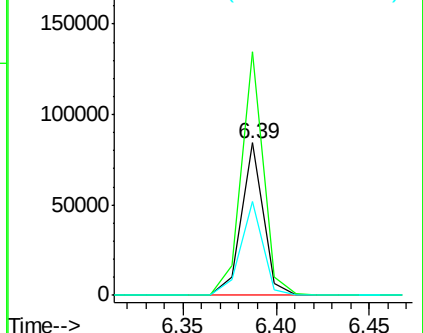
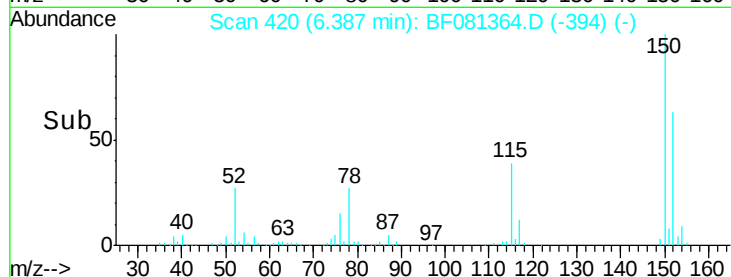
115 61.6 39.0 58.4#



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: 41.62 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

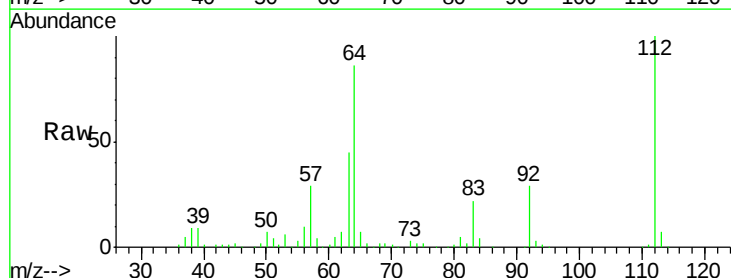
Tgt Ion:112 Resp: 186566

Ion Ratio Lower Upper

112 100

64 85.7 39.7 59.5#

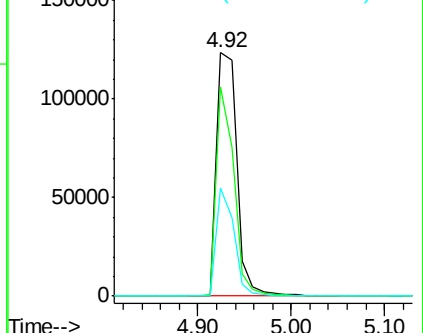
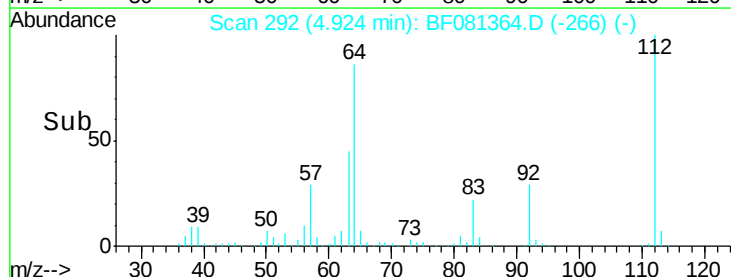
63 44.6 17.4 26.0#

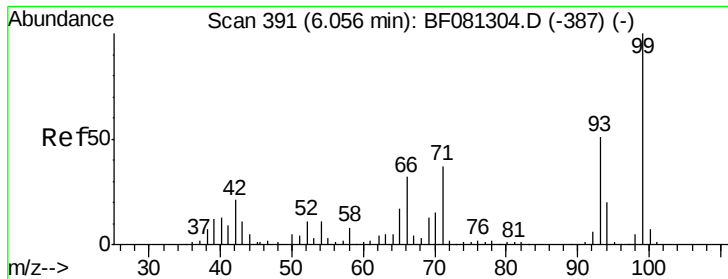


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.26 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

Instrument :

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ClientSampleId :

MW-06

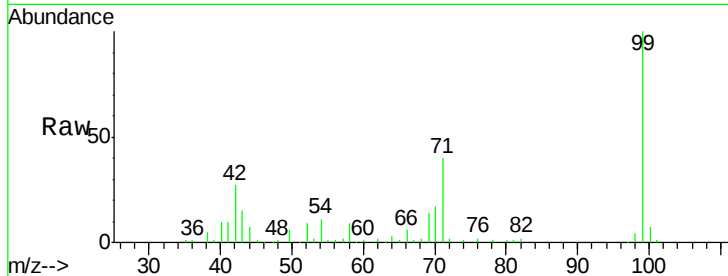
Tgt Ion: 99 Resp: 161784

Ion Ratio Lower Upper

99 100

42 27.3 13.7 20.5#

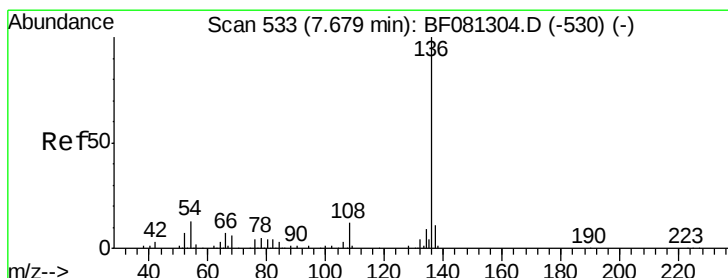
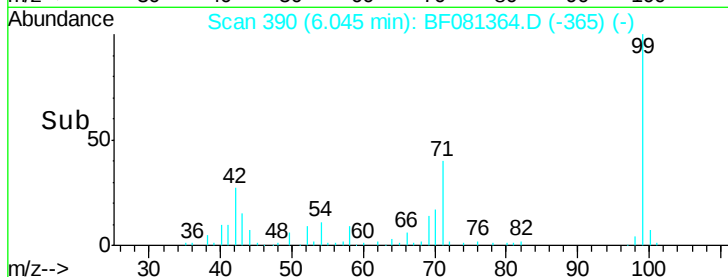
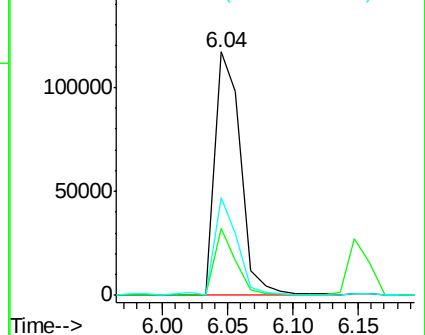
71 40.0 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

Tgt Ion: 136 Resp: 269755

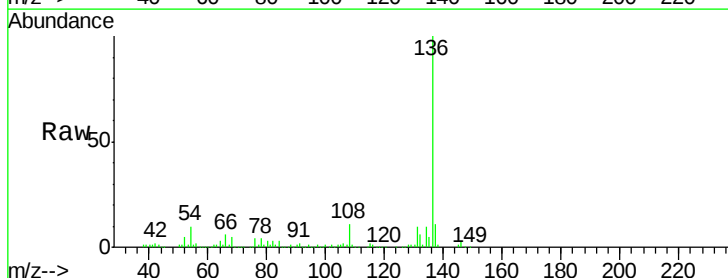
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 10.3 8.2 12.2

68 4.9 5.8 8.6#

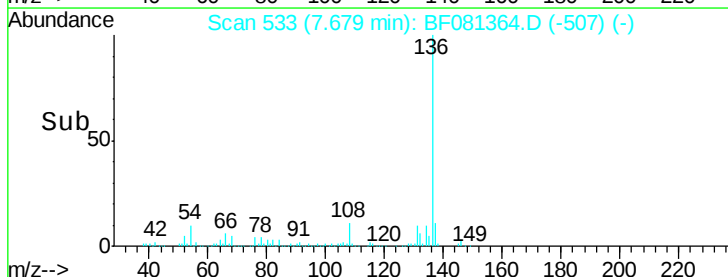
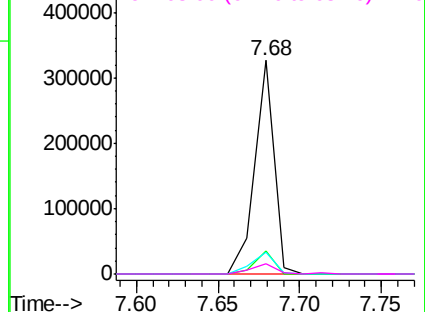


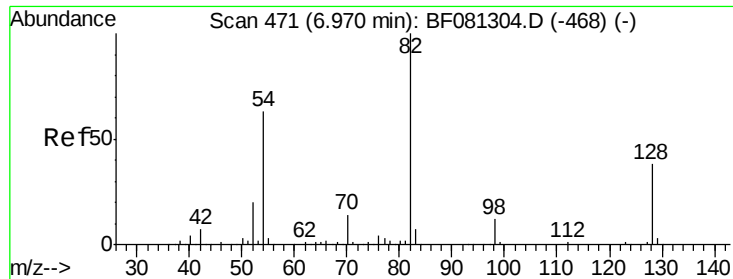
Abundance Ion 136.00 (135.70 to 136.70): E

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

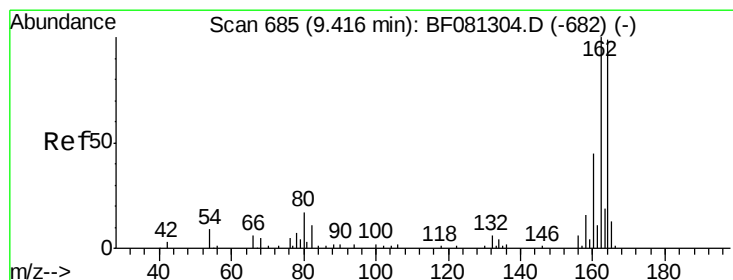
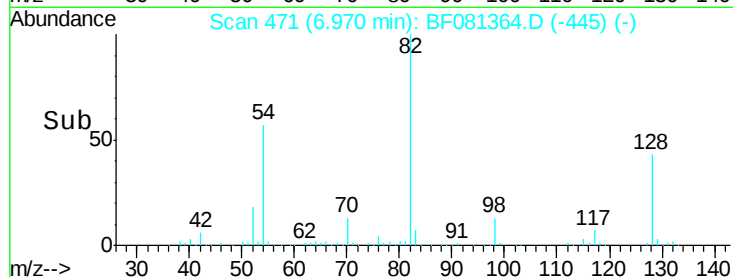
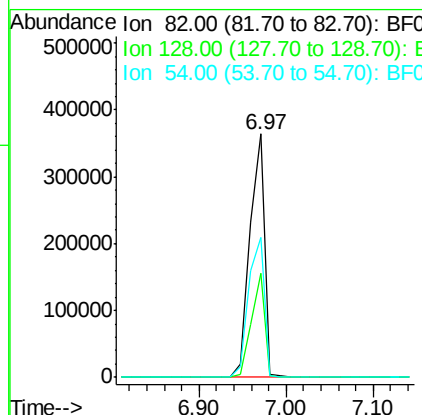
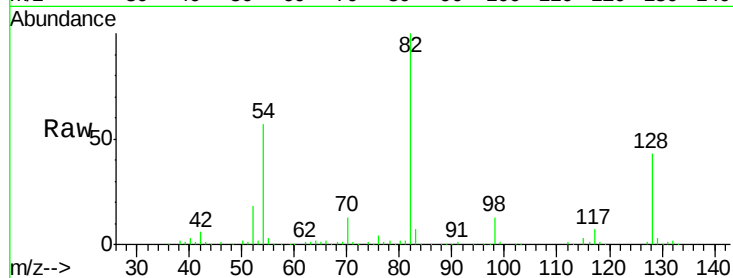




#23
 Nitrobenzene-d5
 Concen: 76.93 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081364.D
 Acq: 2 Sep 2015 23:20

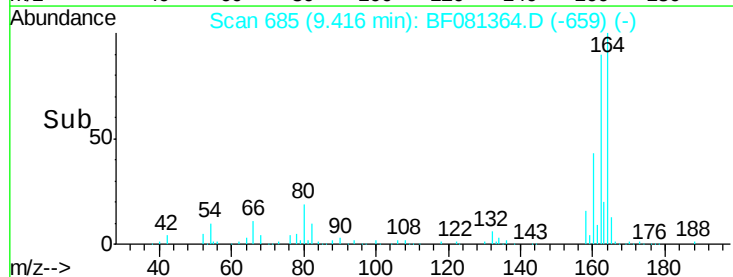
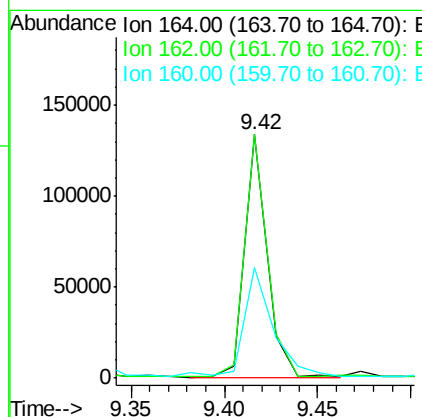
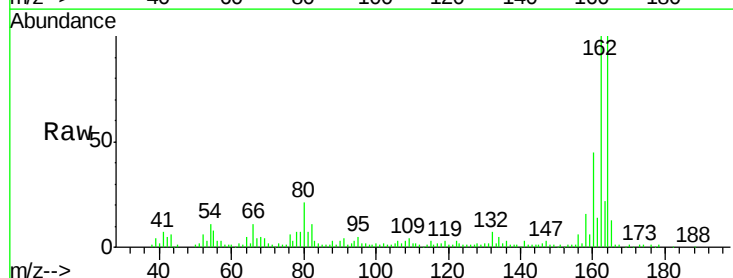
Instrument :
 BNA_F
 ClientSampled :
 MW-06

Tgt Ion: 82 Resp: 430122
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 57.3 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081364.D
 Acq: 2 Sep 2015 23:20

Tgt Ion: 164 Resp: 112127
 Ion Ratio Lower Upper
 164 100
 162 100.1 75.2 112.8
 160 45.2 31.5 47.3

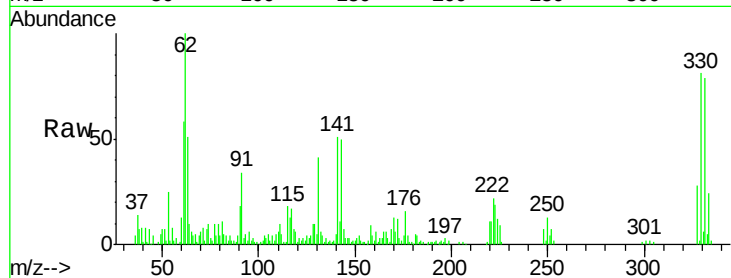




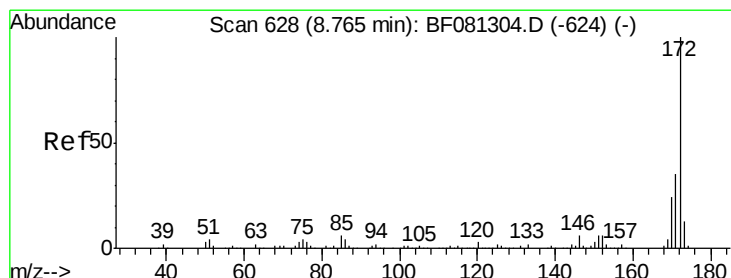
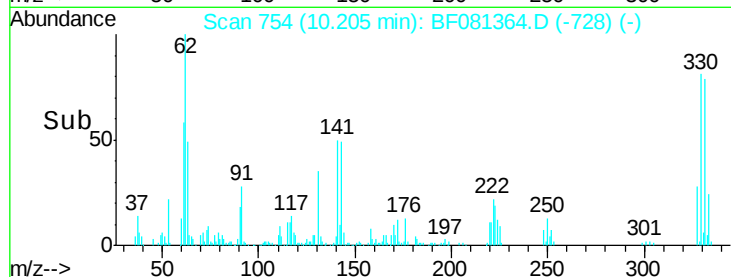
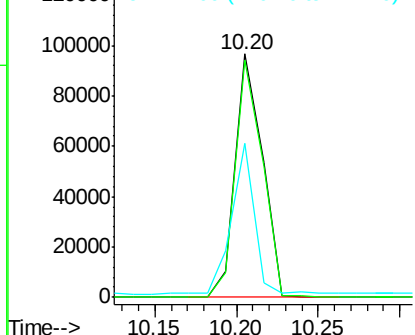
#41
 2,4,6-Tribromophenol
 Concen: 110.96 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081364.D
 Acq: 2 Sep 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:330 Resp: 110782
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 53.0 29.7 44.5#

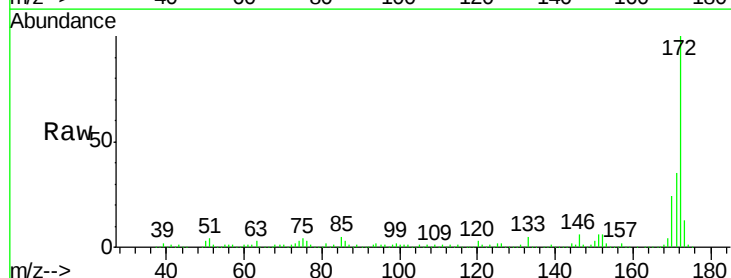


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

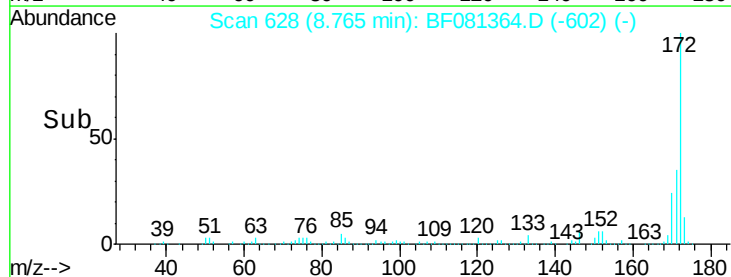
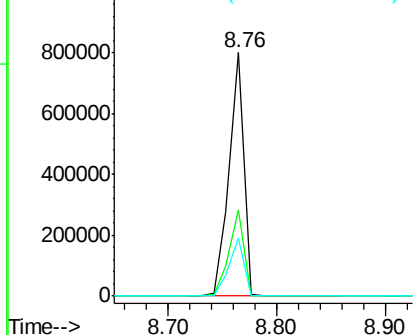


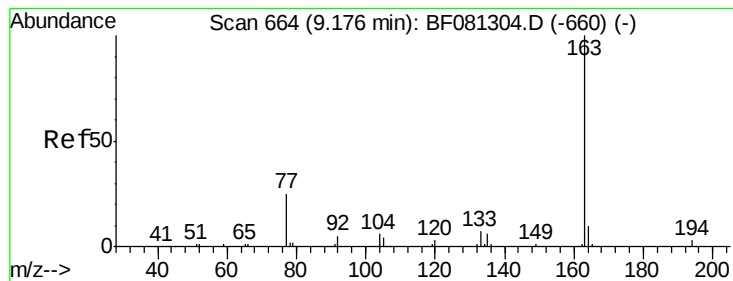
#44
 2-Fluorobiphenyl
 Concen: 85.92 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081364.D
 Acq: 2 Sep 2015 23:20

Tgt Ion:172 Resp: 751808
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 24.0 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: 2.57 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

Instrument :

BNA_F

ClientSampleId :

MW-06

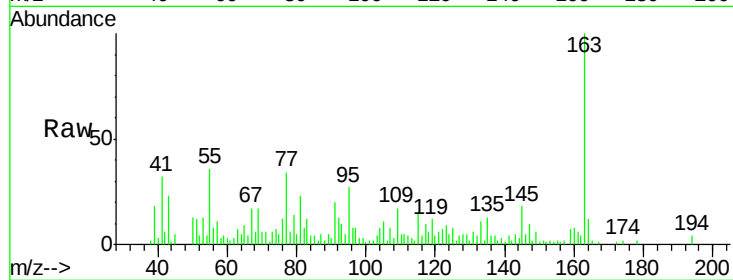
Tgt Ion:163 Resp: 22362

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

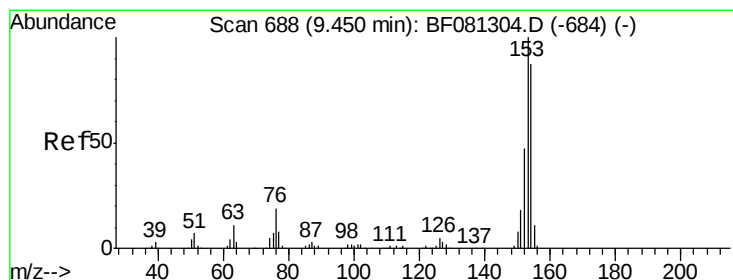
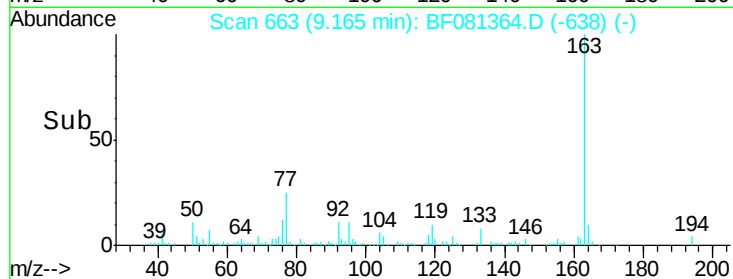
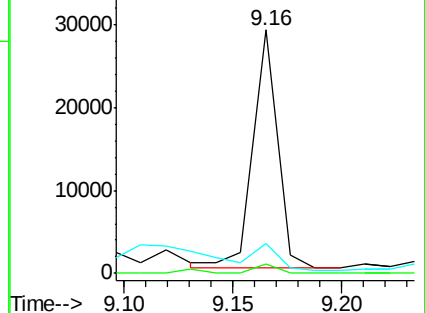
164 12.3 8.3 12.5



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



#51

Acenaphthene

Concen: 5.80 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

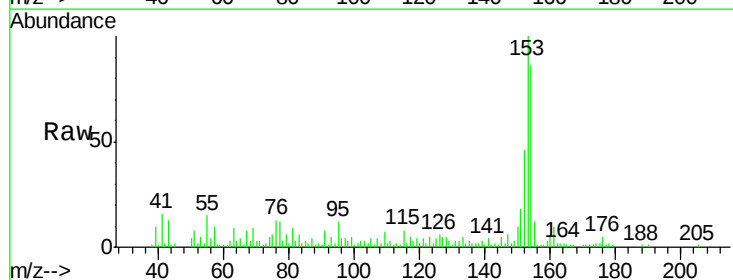
Tgt Ion:154 Resp: 43599

Ion Ratio Lower Upper

154 100

153 115.8 82.1 123.1

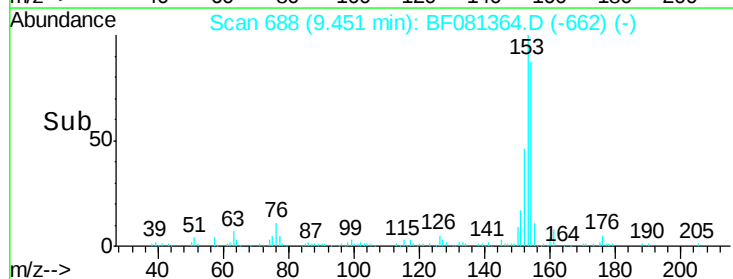
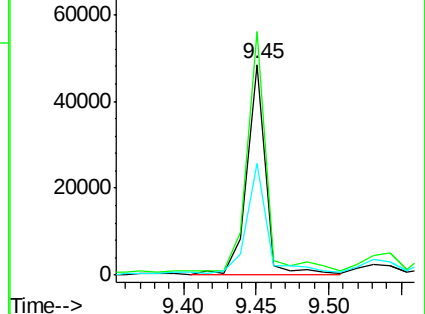
152 53.2 37.9 56.9

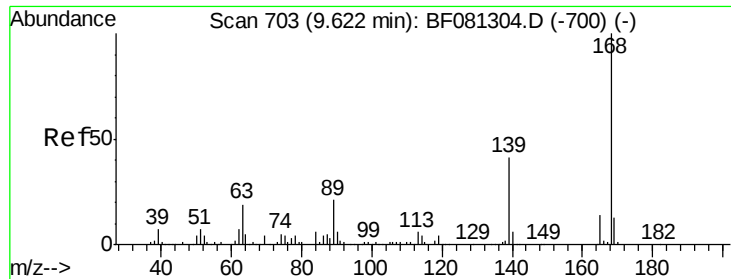


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.58 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

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MW-06

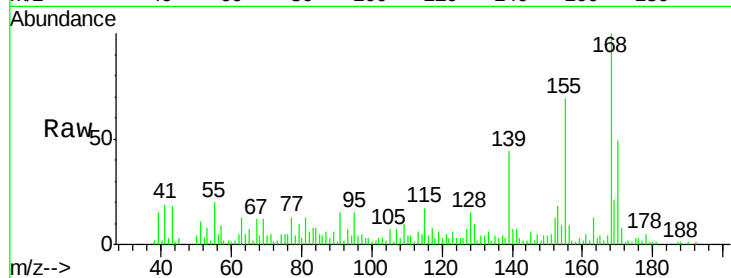
Tgt Ion:168 Resp: 39322

Ion Ratio Lower Upper

168 100

139 44.1 24.2 36.2#

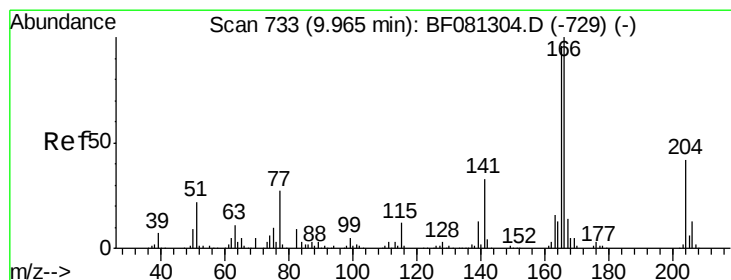
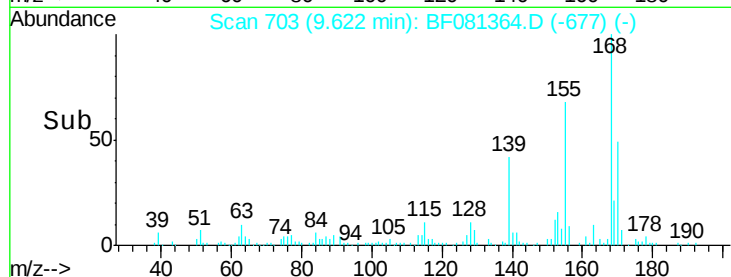
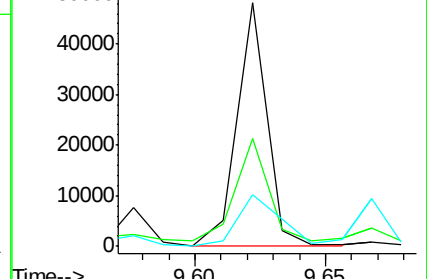
169 21.3 10.6 15.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 4.82 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

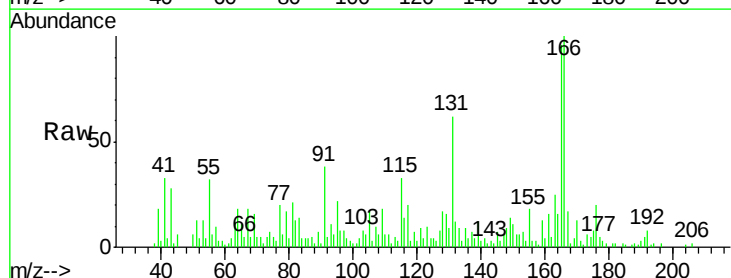
Tgt Ion:166 Resp: 40184

Ion Ratio Lower Upper

166 100

165 96.2 72.6 109.0

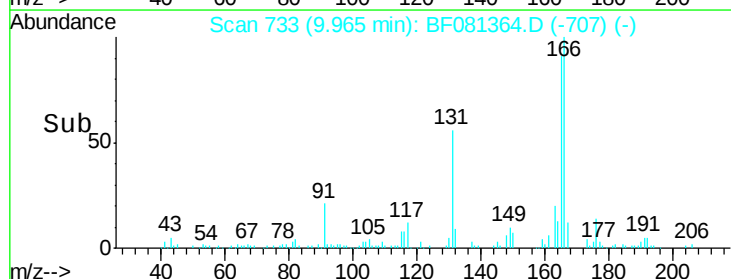
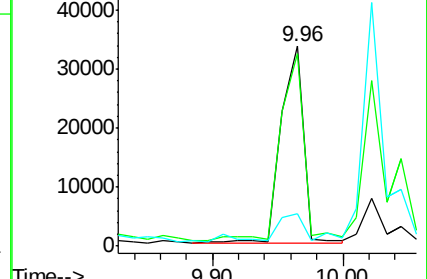
167 16.5 10.6 16.0#

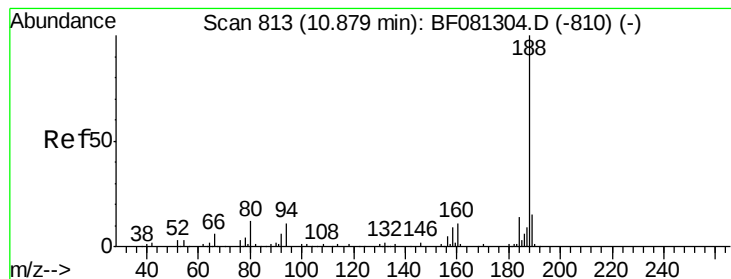


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

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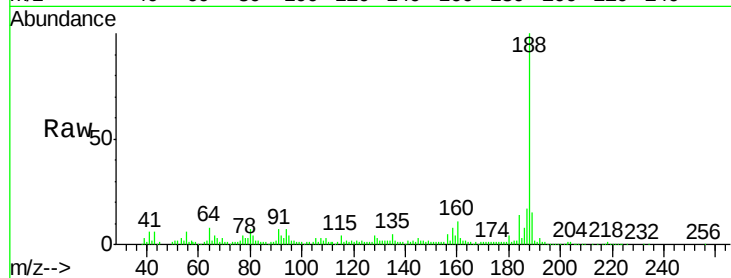
Tgt Ion:188 Resp: 214297

Ion Ratio Lower Upper

188 100

94 6.8 11.1 16.7#

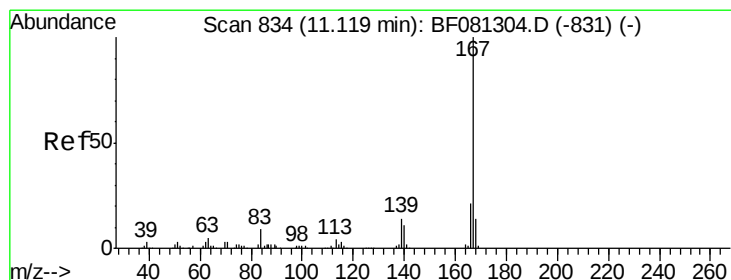
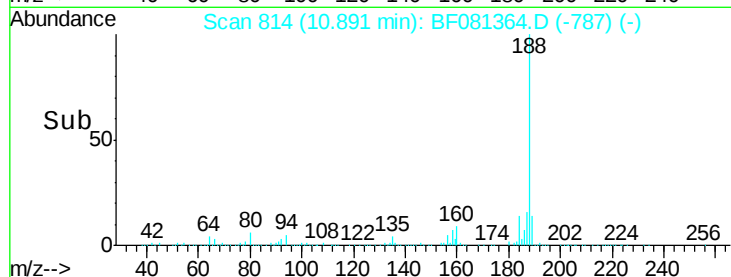
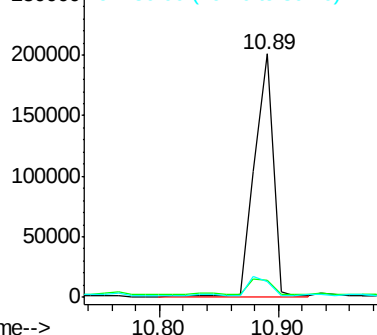
80 6.6 11.0 16.4#



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



#72

Carbazole

Concen: 2.26 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

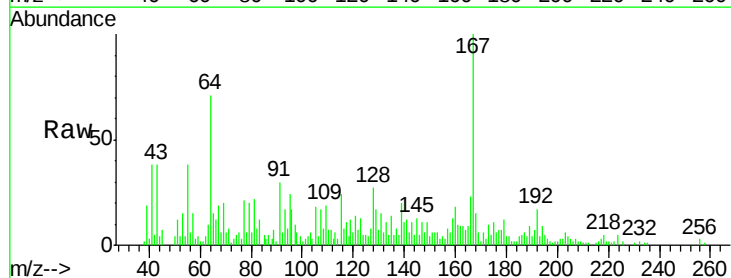
Tgt Ion:167 Resp: 25988

Ion Ratio Lower Upper

167 100

166 23.2 15.7 23.5

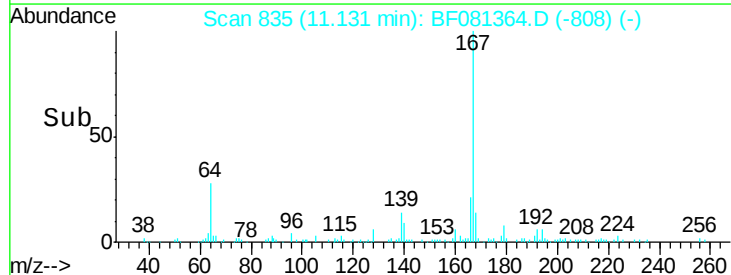
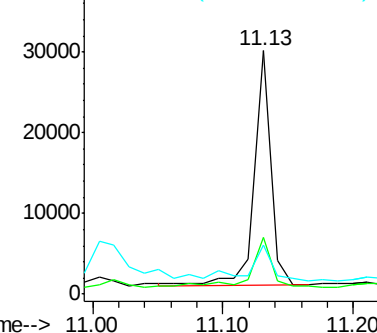
139 20.1 9.5 14.3#

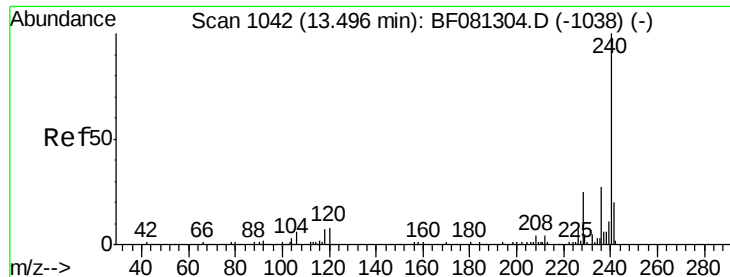


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

Instrument :

BNA_F

ClientSampleId :

MW-06

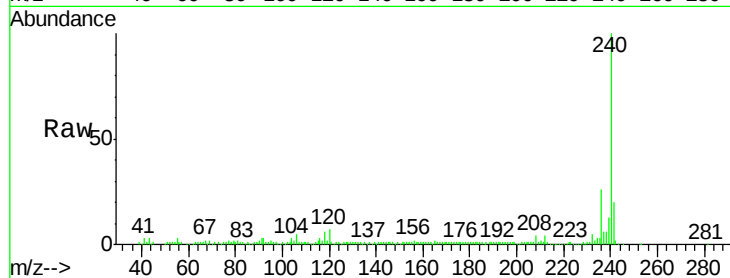
Tgt Ion:240 Resp: 132019

Ion Ratio Lower Upper

240 100

120 7.3 16.2 24.2#

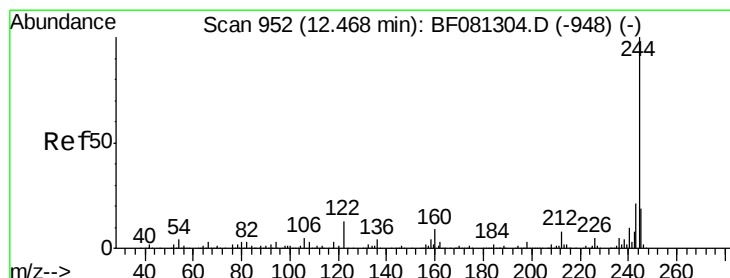
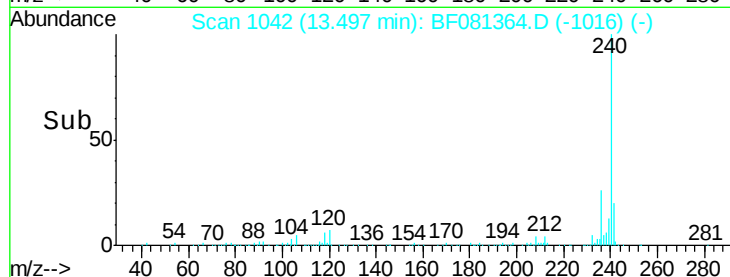
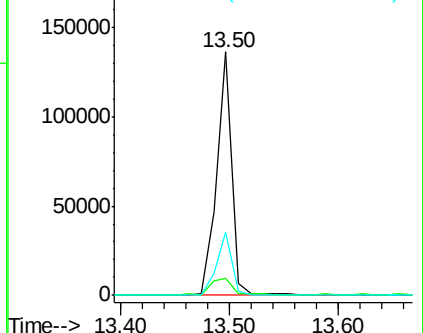
236 25.9 18.4 27.6



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: 102.09 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF081364.D

Acq: 2 Sep 2015 23:20

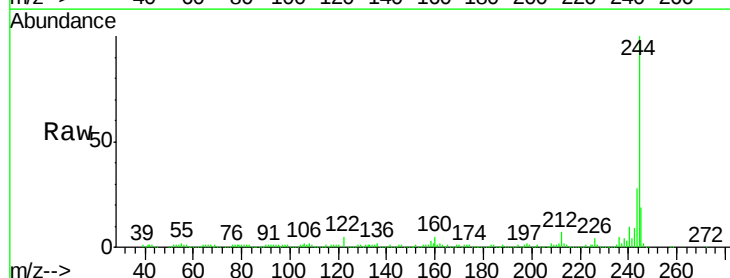
Tgt Ion:244 Resp: 579000

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

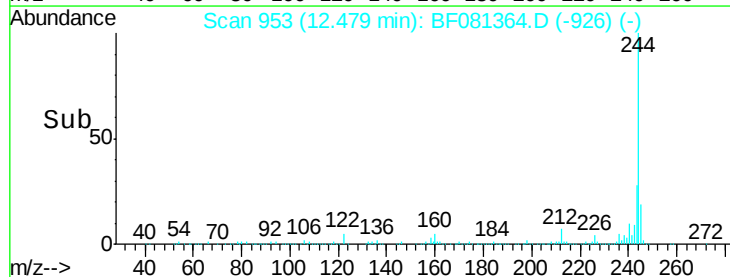
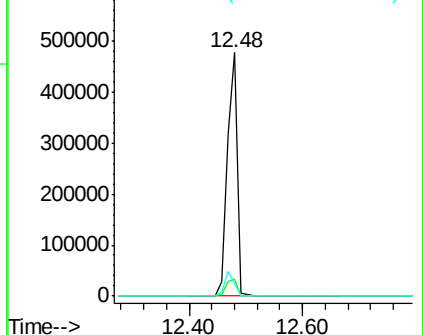
122 5.2 17.4 26.2#

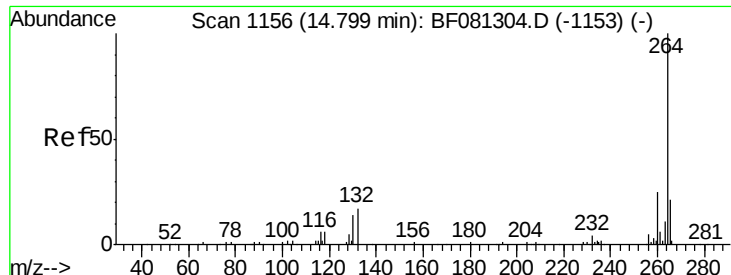


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

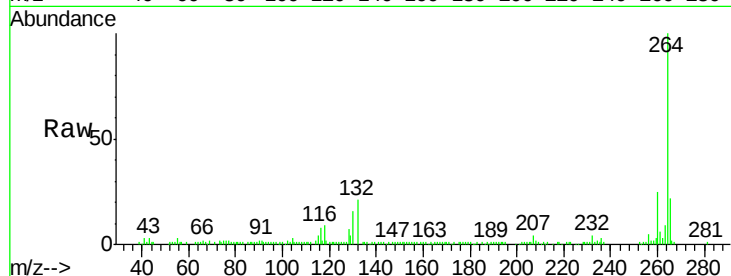




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081364.D
Acq: 2 Sep 2015 23:20

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 264 Resp: 95352
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 21.8 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

