

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081798.D
 Acq On : 25 Sep 2015 10:10
 Operator : UM/IZ
 Sample : G3704-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 25 12:42:13 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

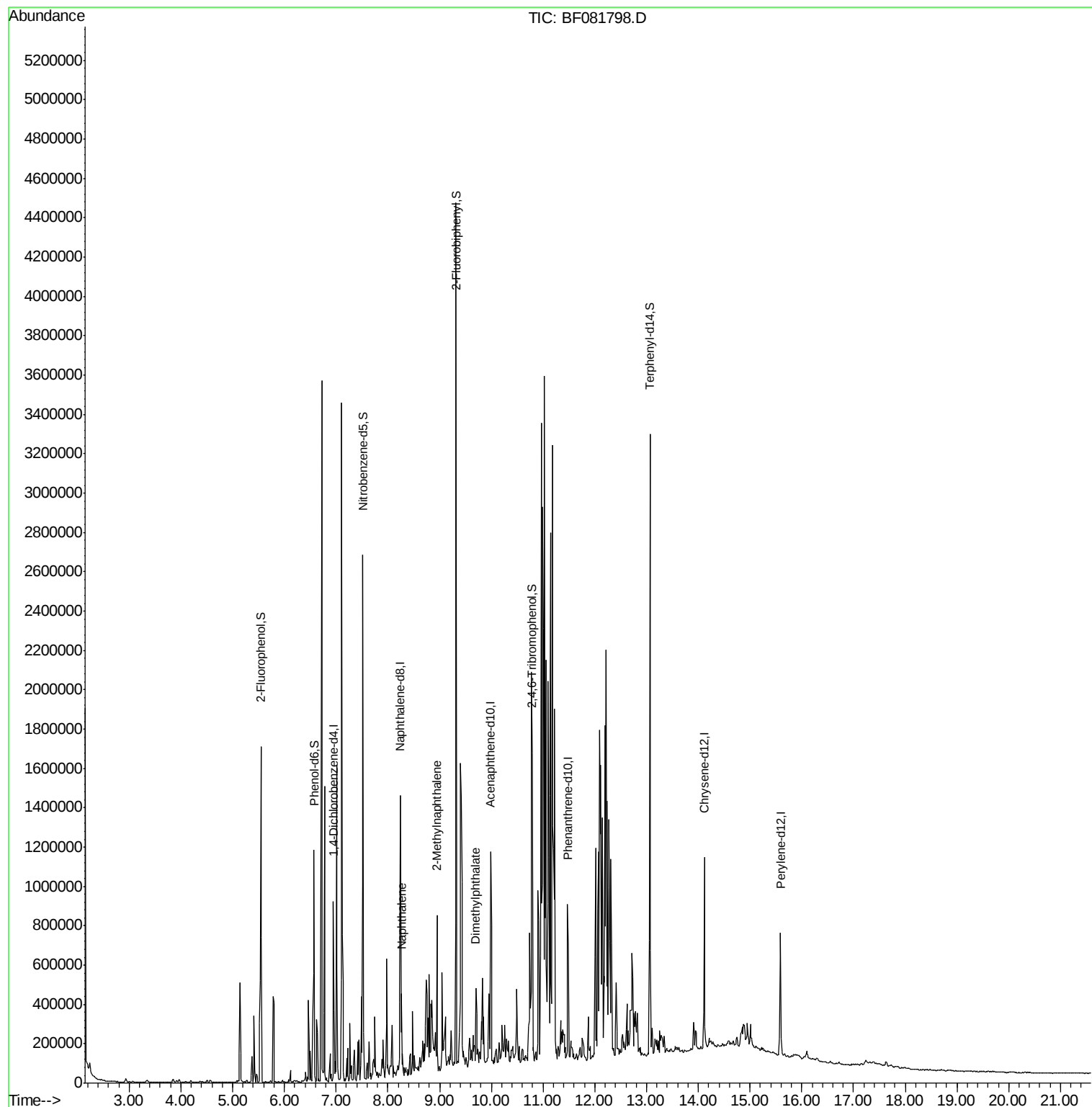
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	146663	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	574156	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	248660	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	382927	20.00	ng	0.00
75) Chrysene-d12	14.12	240	325784	20.00	ng	0.00
86) Perylene-d12	15.59	264	337237	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	488366	56.33	ng	0.00
7) Phenol-d6	6.57	99	440938	40.21	ng	0.00
23) Nitrobenzene-d5	7.52	82	842144	96.78	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	362410	167.87	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1424486	94.04	ng	0.00
78) Terphenyl-d14	13.06	244	980779	68.77	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.26	128	153813	5.81	ng	97
37) 2-Methylnaphthalene	8.95	142	141703	7.51	ng	# 89
49) Dimethylphthalate	9.70	163	86742	4.58	ng	# 73

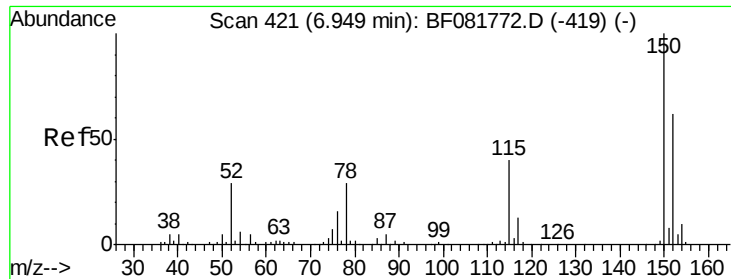
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

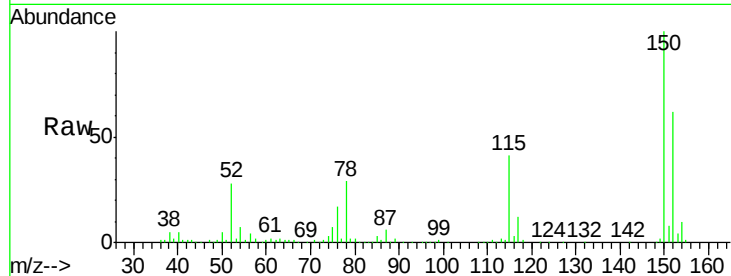
Tgt Ion:152 Resp: 146663

Ion Ratio Lower Upper

152 100

150 161.1 124.7 187.1

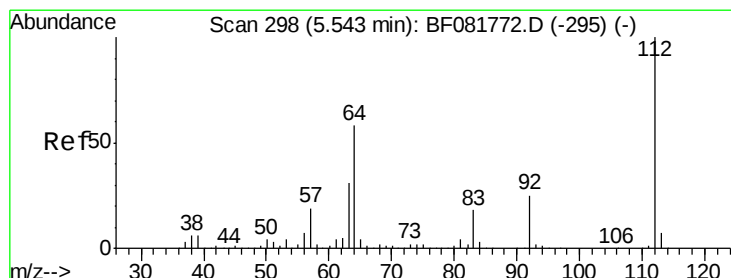
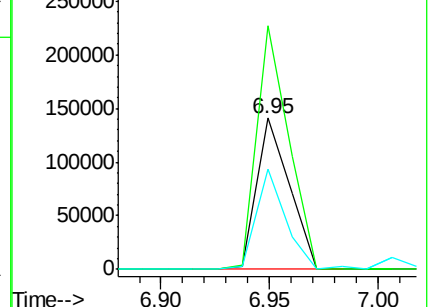
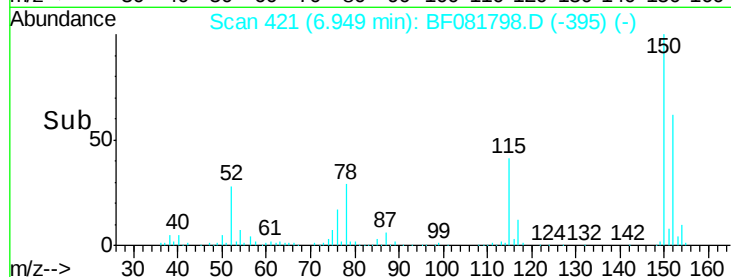
115 66.5 39.0 58.4#



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: 56.33 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

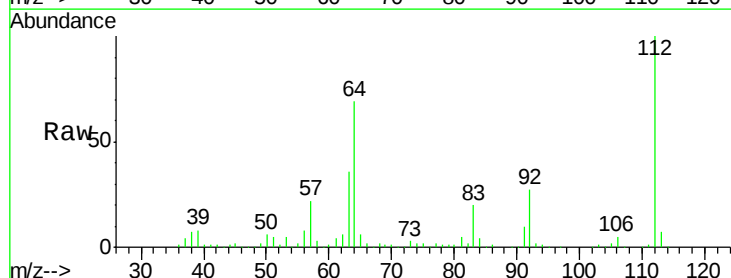
Tgt Ion:112 Resp: 488366

Ion Ratio Lower Upper

112 100

64 69.0 39.7 59.5#

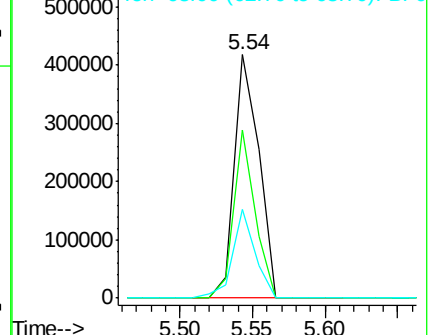
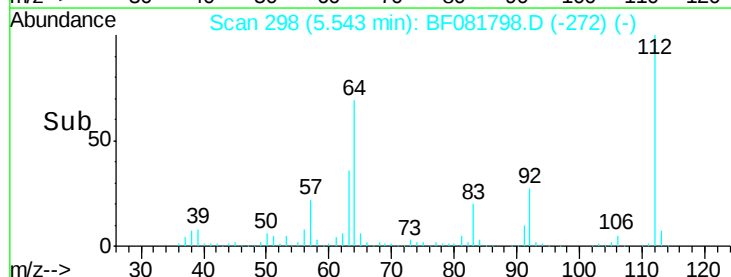
63 36.2 17.4 26.0#



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: 40.21 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

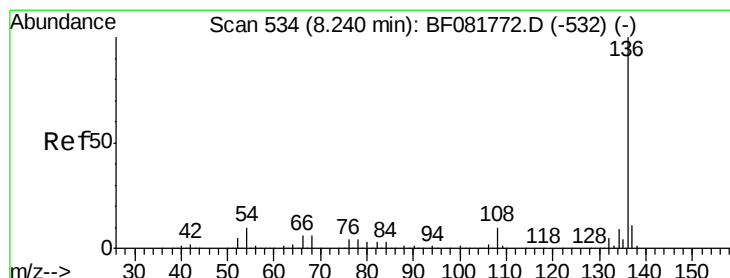
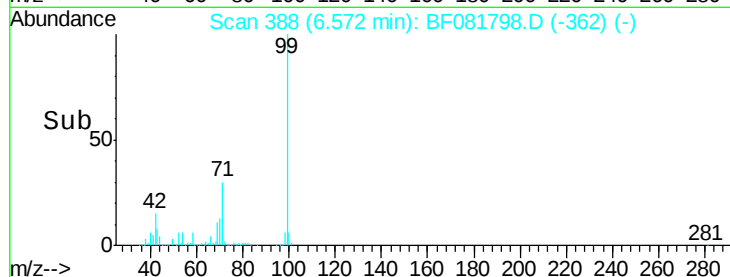
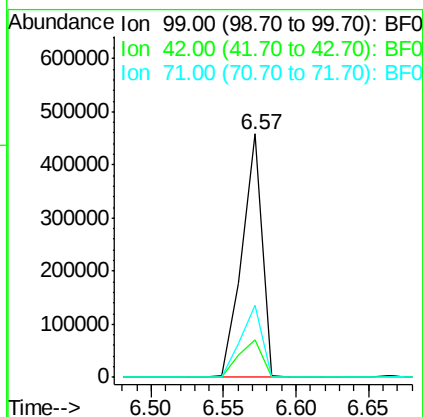
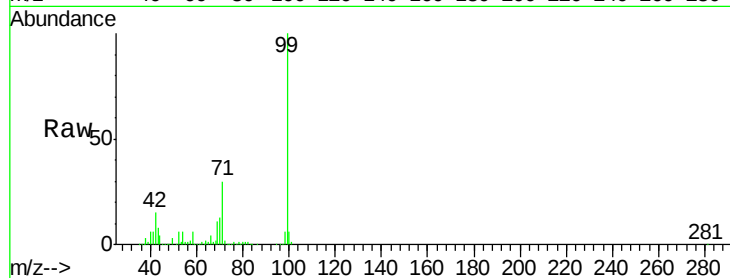
Tgt Ion: 99 Resp: 440938

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

71 29.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Tgt Ion: 136 Resp: 574156

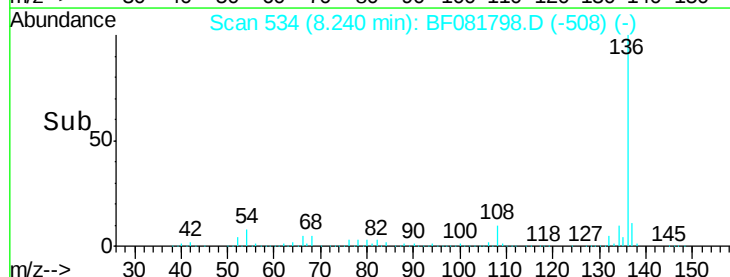
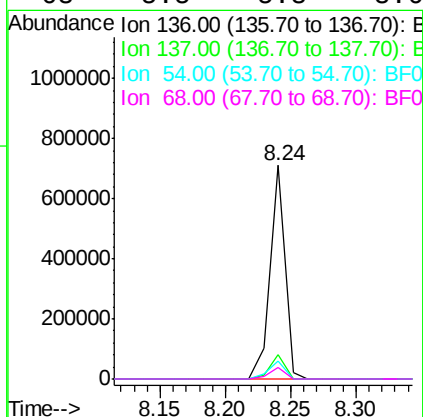
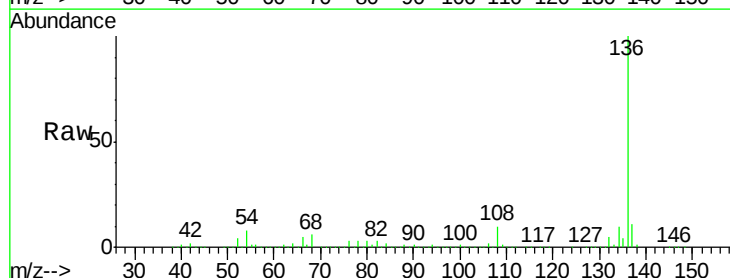
Ion Ratio Lower Upper

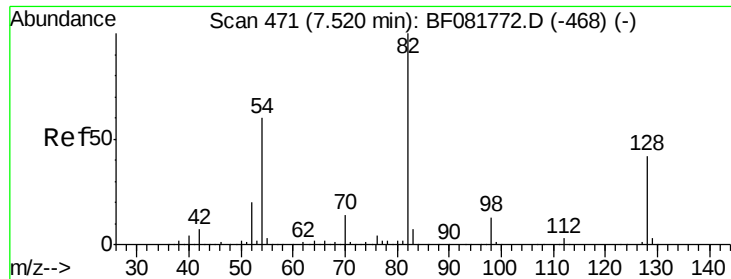
136 100

137 11.2 9.0 13.6

54 8.2 8.2 12.2

68 5.5 5.8 8.6#

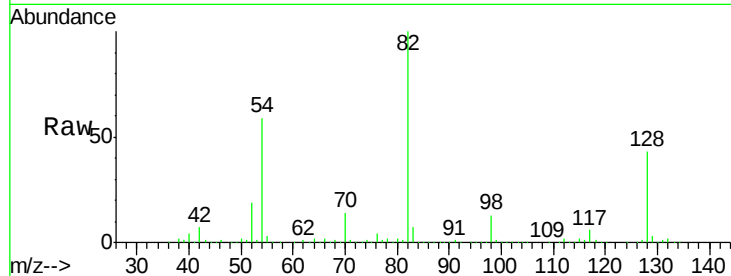




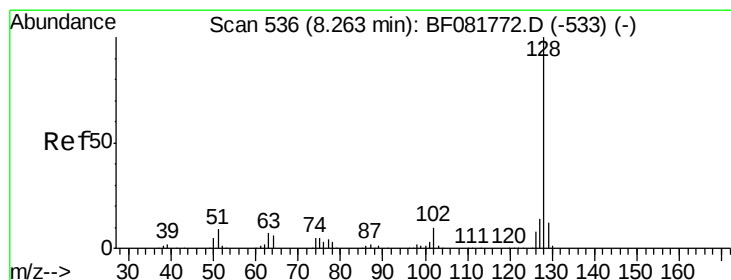
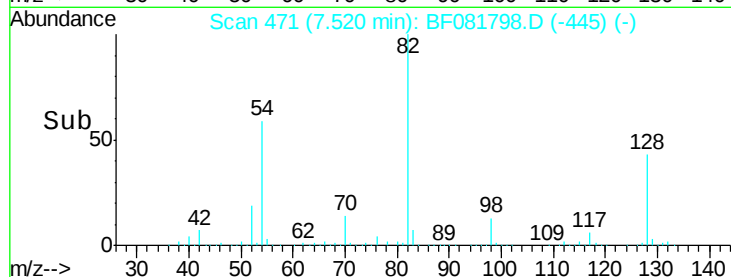
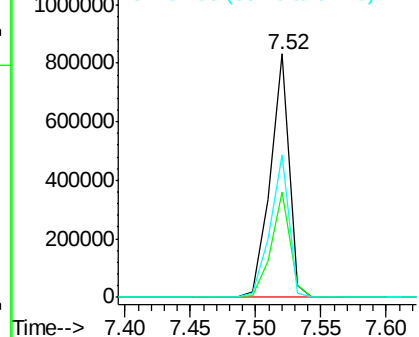
#23
 Nitrobenzene-d5
 Concen: 96.78 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

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

Tgt Ion: 82 Resp: 842144
 Ion Ratio Lower Upper
 82 100
 128 43.5 51.0 76.6#
 54 58.8 47.5 71.3

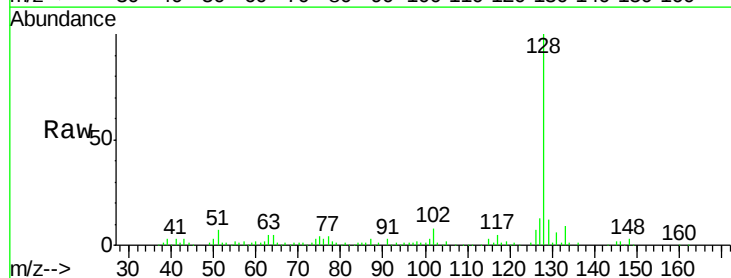


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

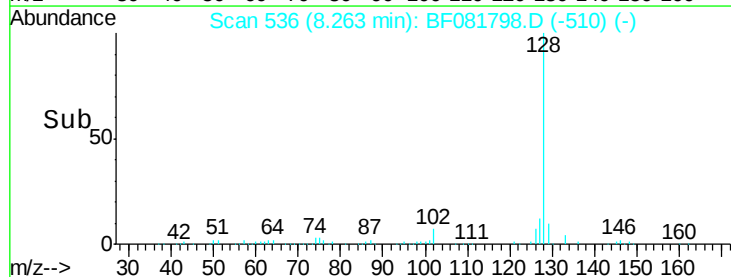
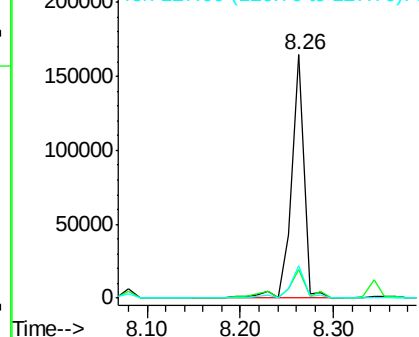


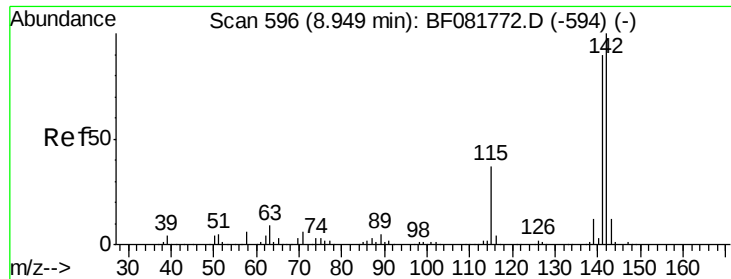
#31
 Naphthalene
 Concen: 5.81 ng
 RT: 8.26 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

Tgt Ion: 128 Resp: 153813
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.4 12.6
 127 13.3 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

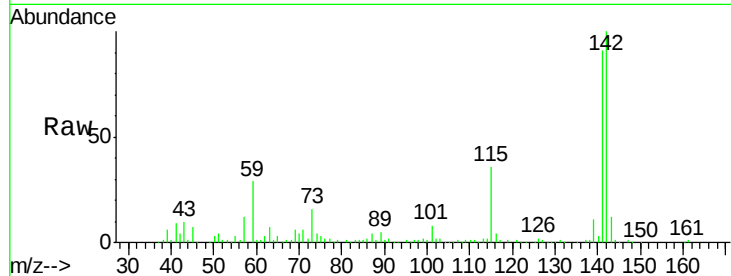




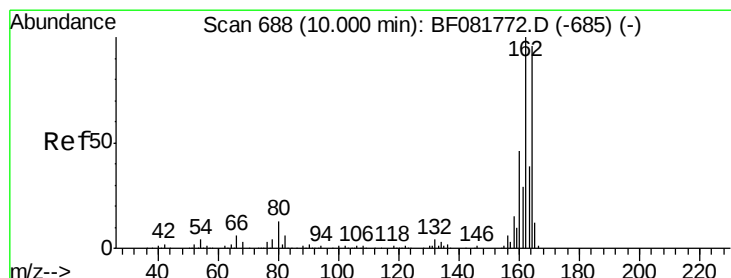
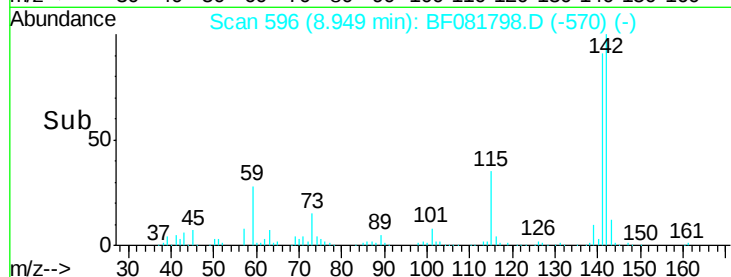
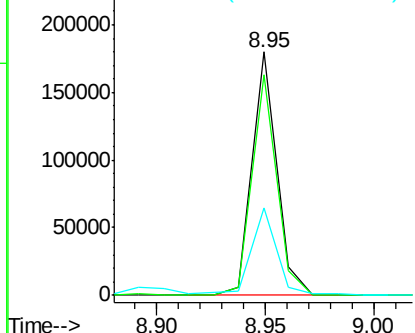
#37
2-Methylnaphthalene
Concen: 7.51 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:142 Resp: 141703
Ion Ratio Lower Upper
142 100
141 90.5 67.5 101.3
115 35.7 18.2 27.2#

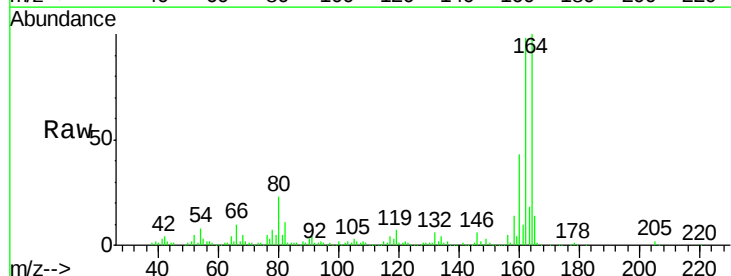


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

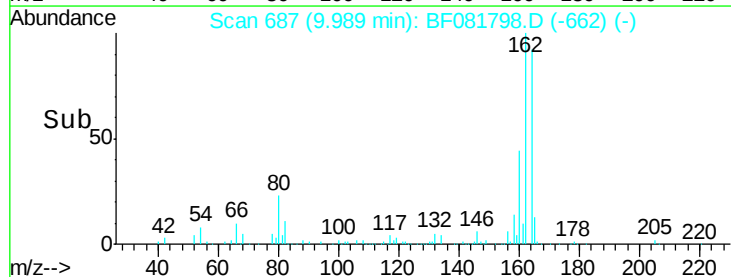
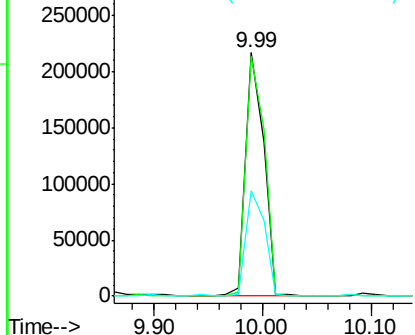


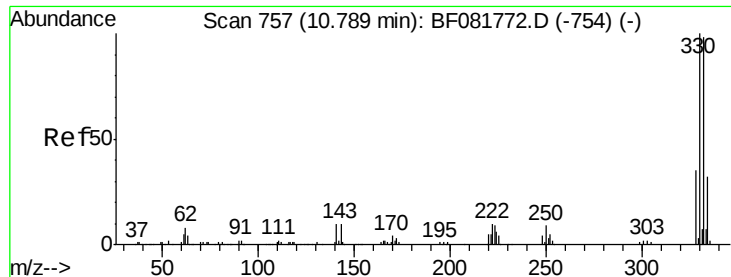
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:164 Resp: 248660
Ion Ratio Lower Upper
164 100
162 98.4 75.2 112.8
160 43.1 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

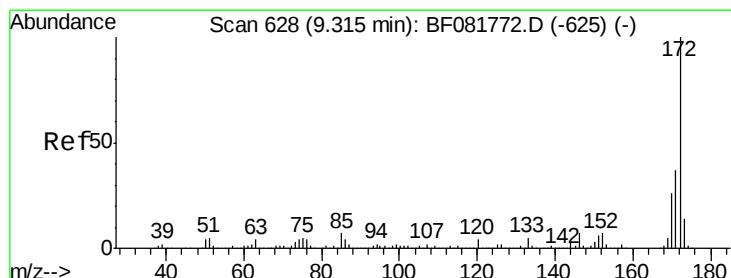
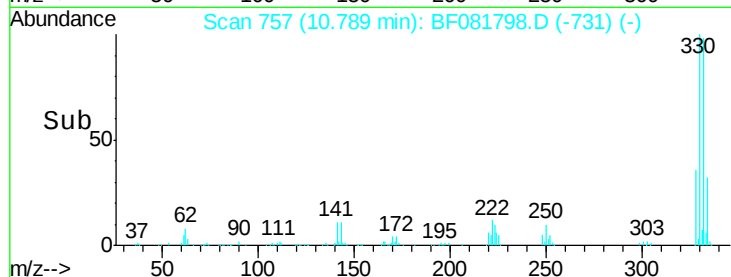
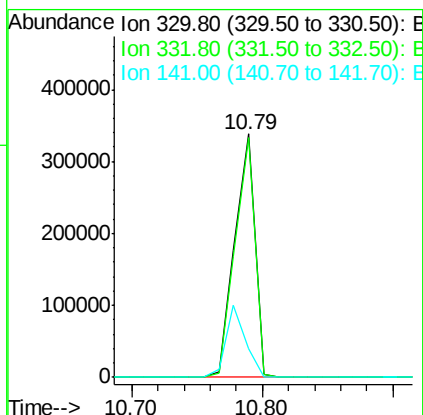
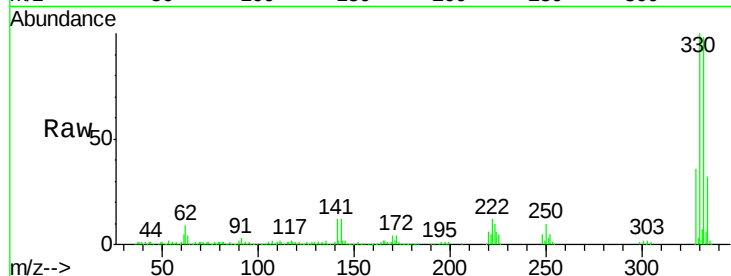




#41
 2,4,6-Tribromophenol
 Concen: 167.87 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

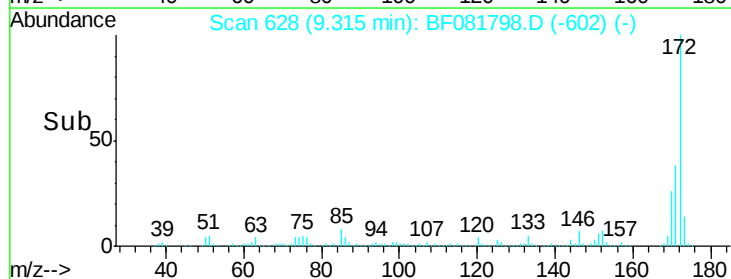
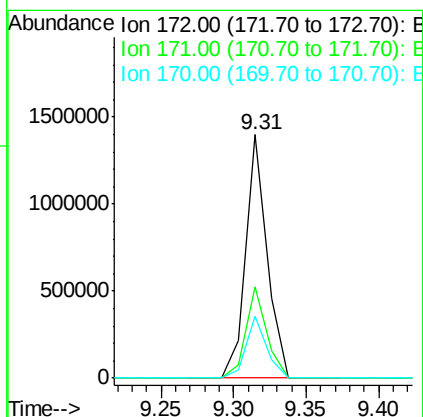
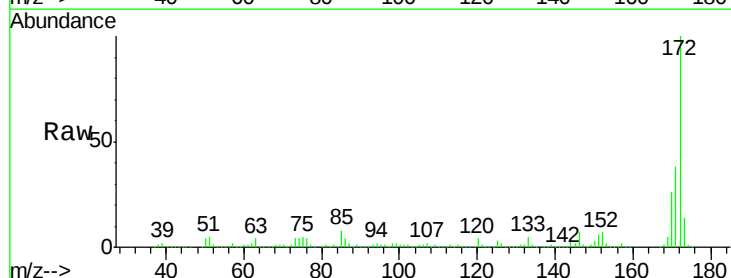
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-15-15

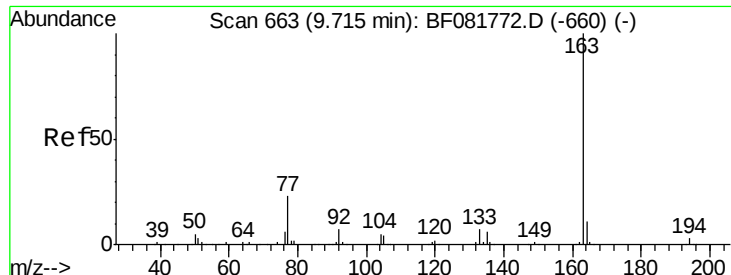
Tgt Ion:330 Resp: 362410
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 28.9 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 94.04 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

Tgt Ion:172 Resp: 1424486
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.6 17.4 26.2





#49

Dimethylphthalate

Concen: 4.58 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

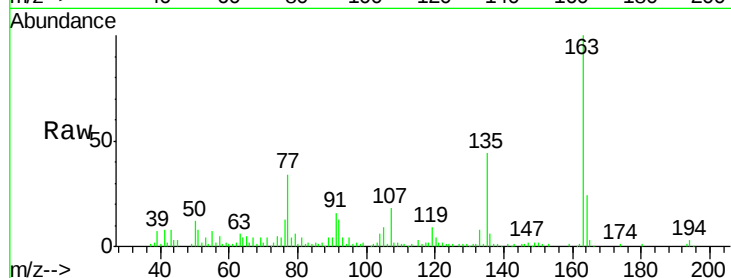
Tgt Ion:163 Resp: 86742

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

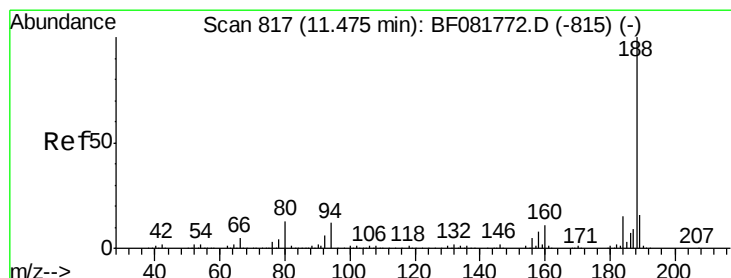
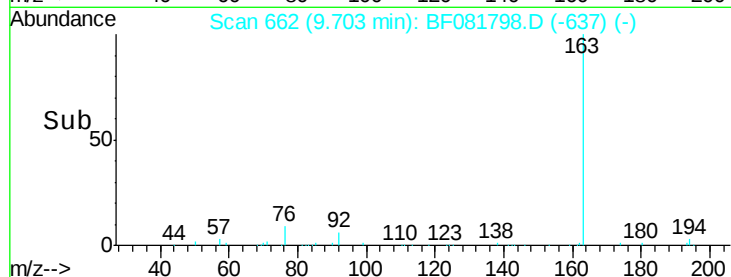
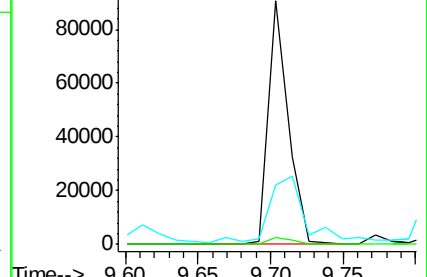
164 24.3 8.3 12.5#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

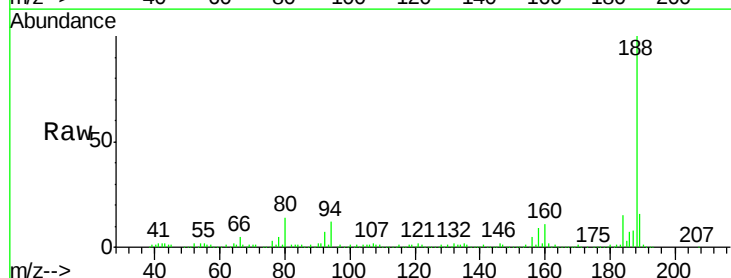
Tgt Ion:188 Resp: 382927

Ion Ratio Lower Upper

188 100

94 12.5 11.1 16.7

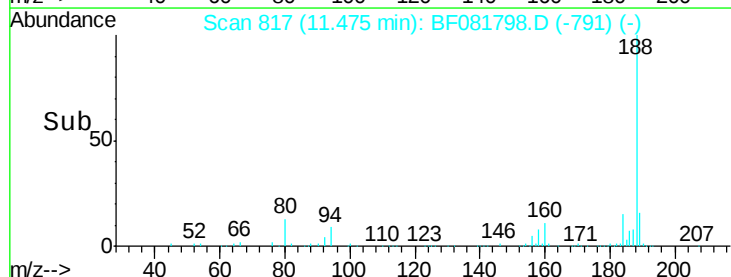
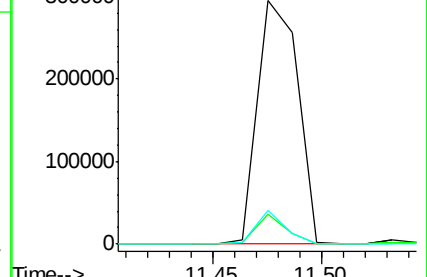
80 14.0 11.0 16.4

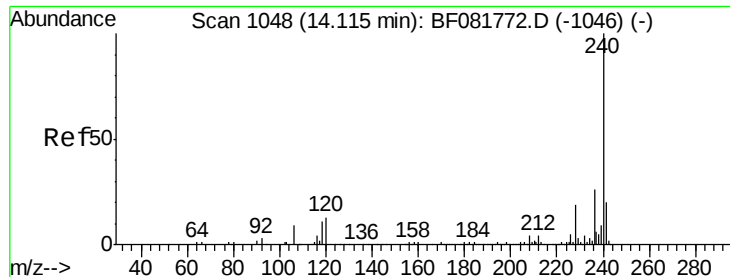


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

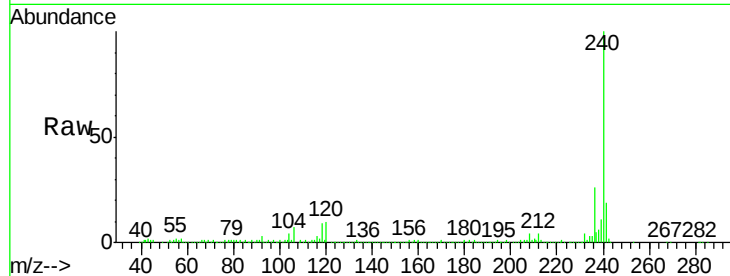
Tgt Ion:240 Resp: 325784

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

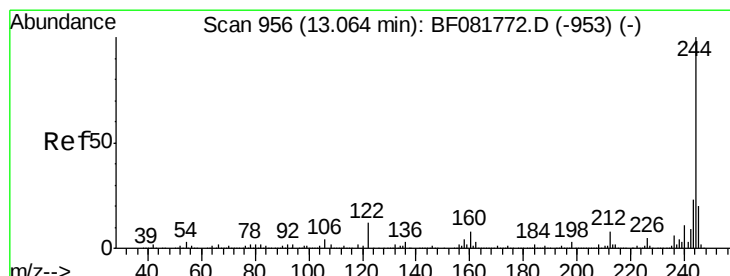
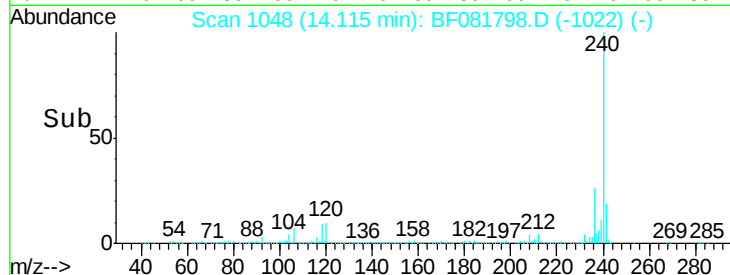
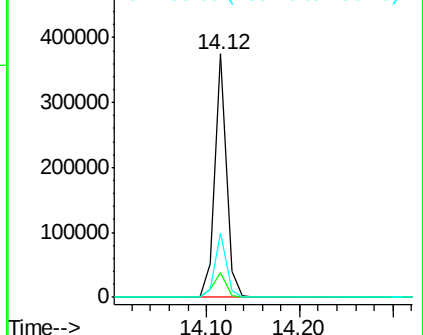
236 26.2 18.4 27.6



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: 68.77 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

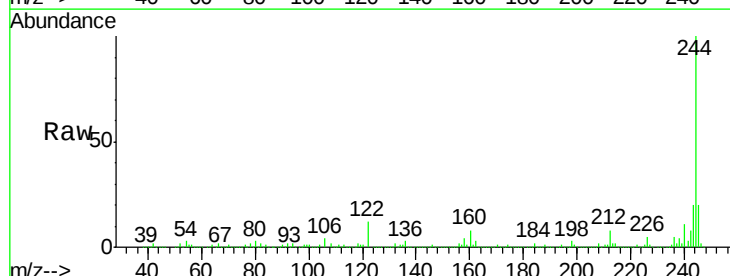
Tgt Ion:244 Resp: 980779

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

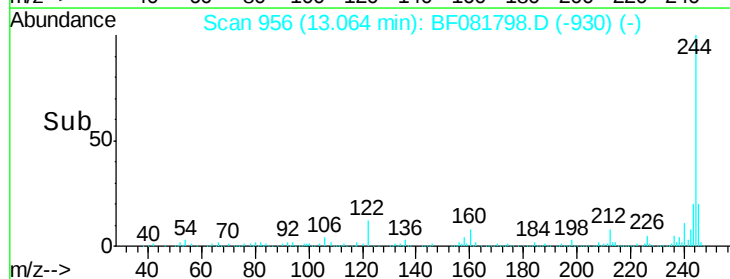
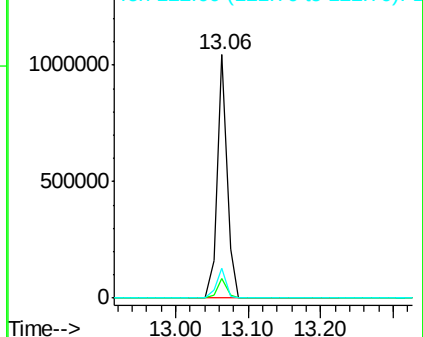
122 12.2 17.4 26.2#

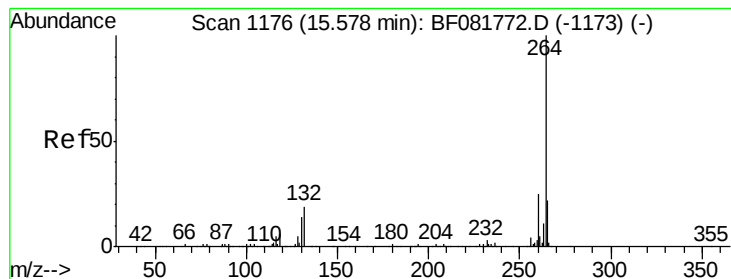


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF081798.D

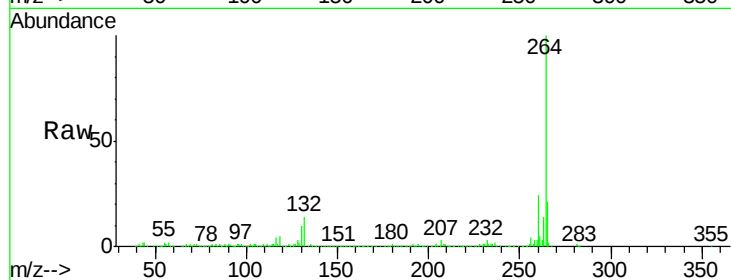
Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15



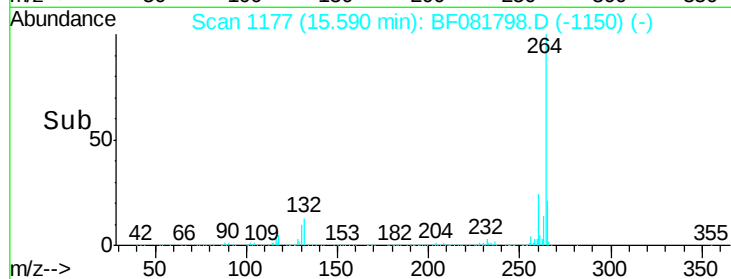
Tgt Ion: 264 Resp: 337237

Ion Ratio Lower Upper

264 100

260 24.4 16.7 25.1

265 21.4 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

