

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087774.D
 Acq On : 7 Jun 2016 4:27
 Operator : UM/SJ
 Sample : H3344-06DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Quant Time: Jun 07 09:14:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

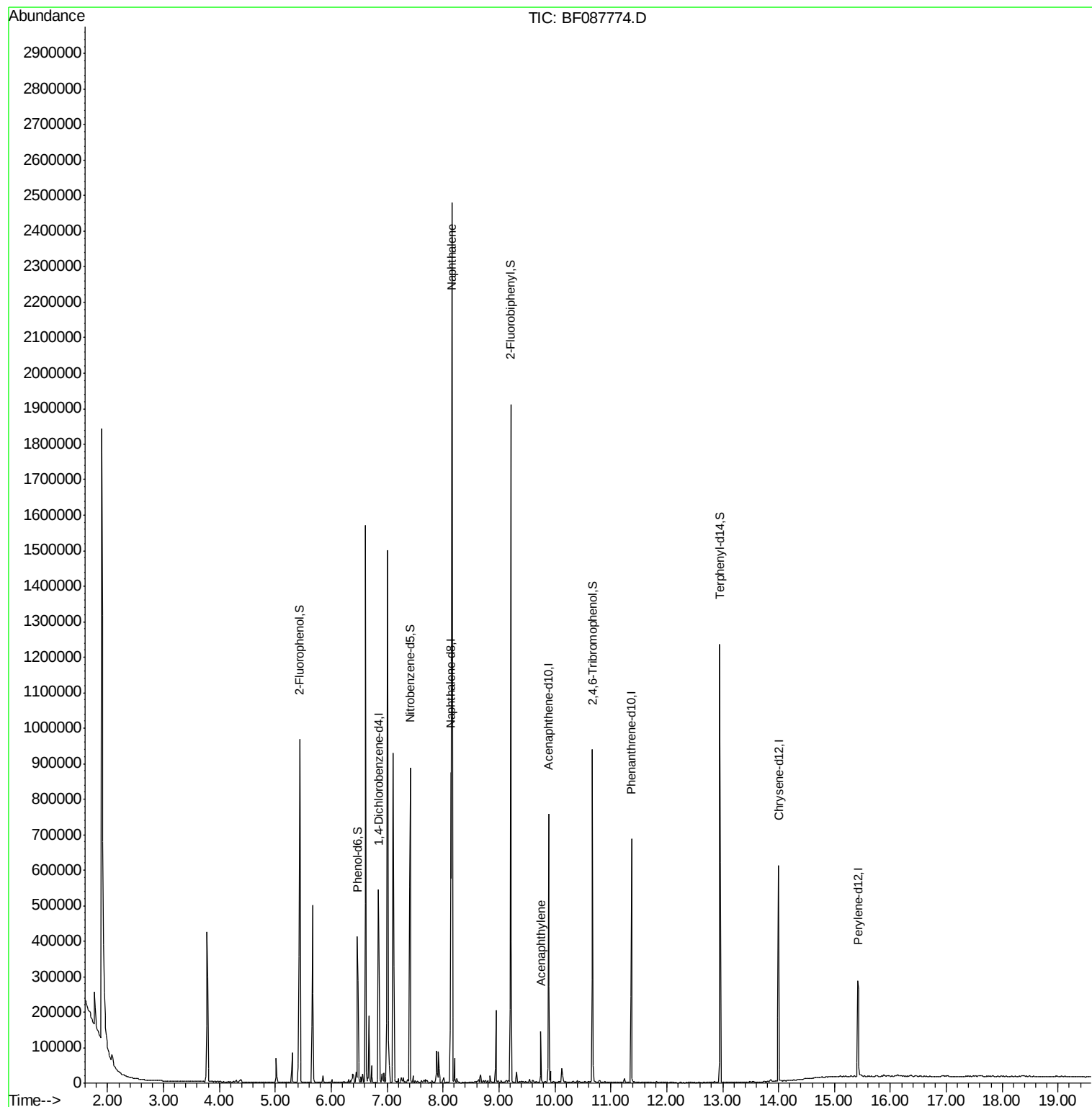
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	101287	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	388855	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	155211	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	263948	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	204569	20.00	ng	-0.02
86) Perylene-d12	15.43	264	151314	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	250577	39.99	ng	-0.01
7) Phenol-d6	6.47	99	186568	23.74	ng	-0.02
23) Nitrobenzene-d5	7.42	82	353522	52.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	110657	71.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	600119	52.91	ng	-0.02
78) Terphenyl-d14	12.95	244	443566	52.91	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.16	128	1058780	56.00	ng	100
48) Acenaphthylene	9.75	152	56921	3.64	ng	98

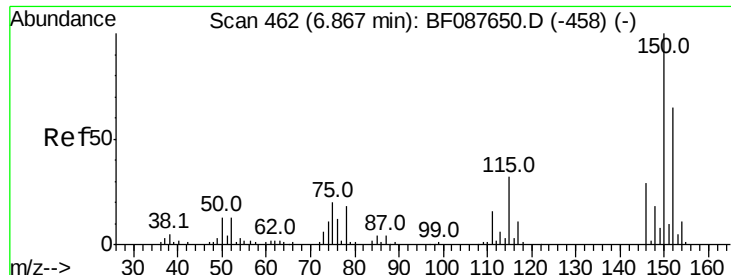
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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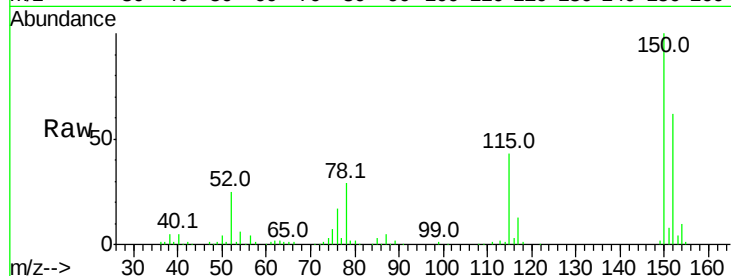


#1

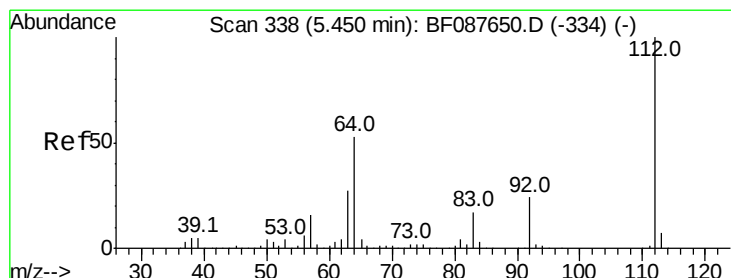
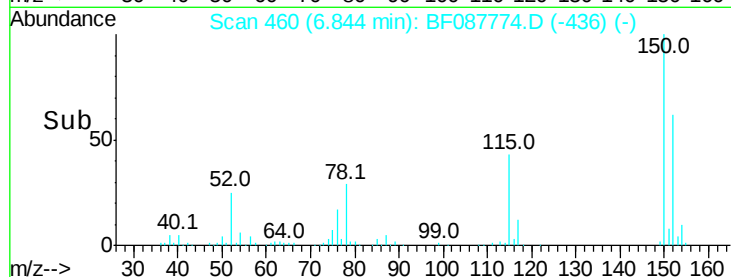
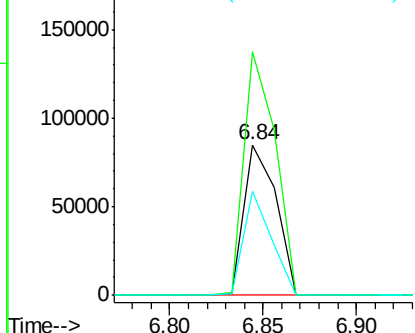
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tot Ion:152 Resp: 101287
Ion Ratio Lower Upper
152 100
150 161.9 123.8 185.6
115 68.9 39.6 59.4#



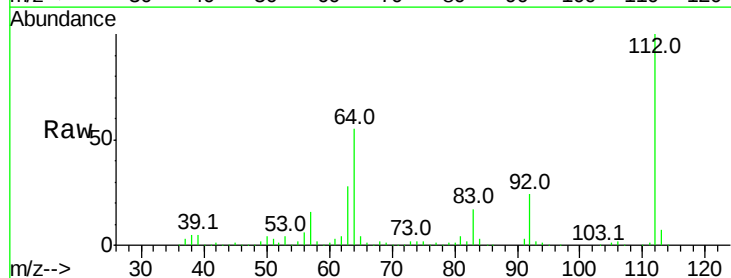
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



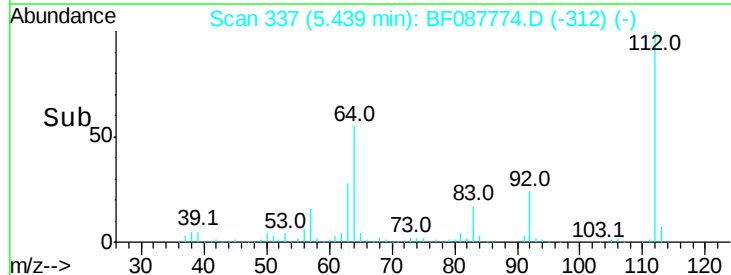
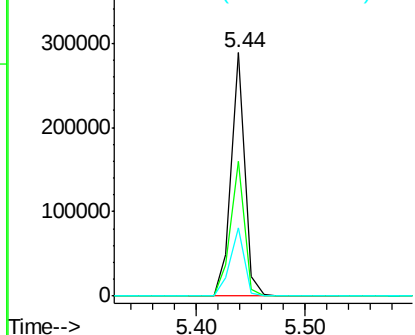
#5

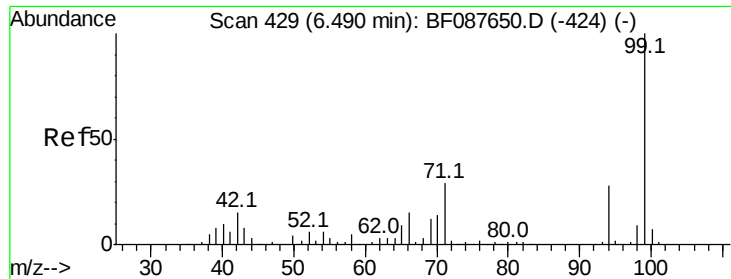
2-Fluorophenol
Concen: 39.99 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:112 Resp: 250577
Ion Ratio Lower Upper
112 100
64 55.3 42.2 63.2
63 28.1 21.8 32.8



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: 23.74 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

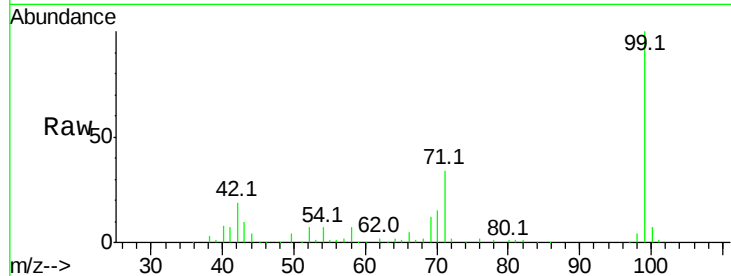
Tot Ion: 99 Resp: 186568

Ion Ratio Lower Upper

99 100

42 19.2 12.2 18.2#

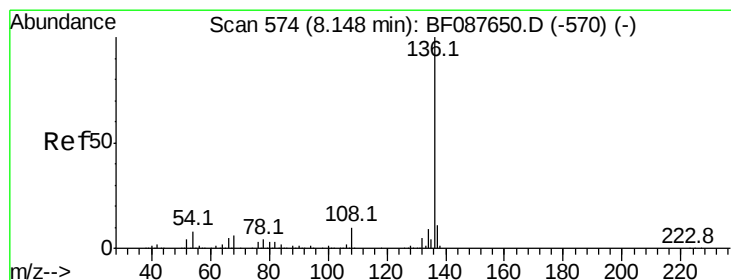
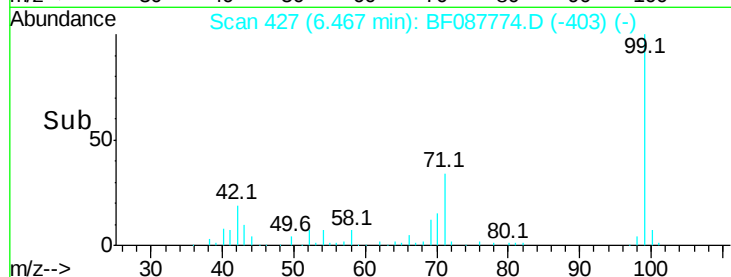
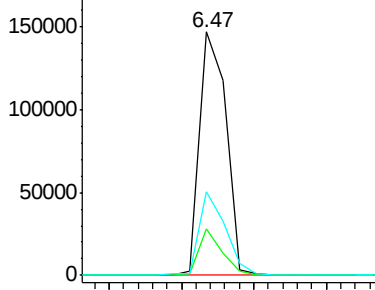
71 34.4 23.4 35.0



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: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Tgt Ion:136 Resp: 388855

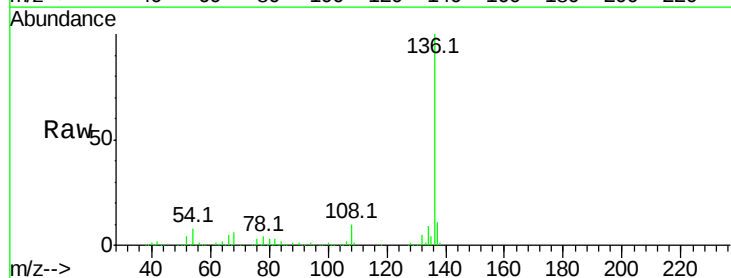
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 6.6 10.0

68 5.9 5.1 7.7

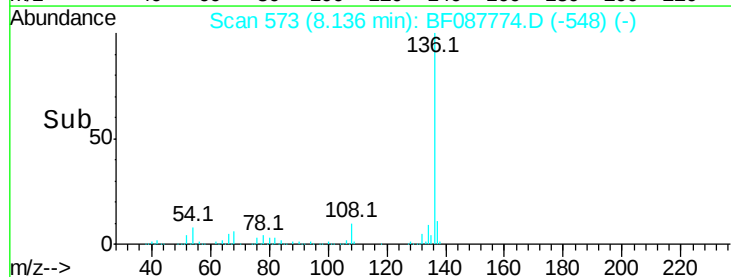
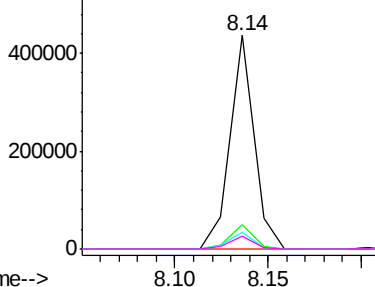


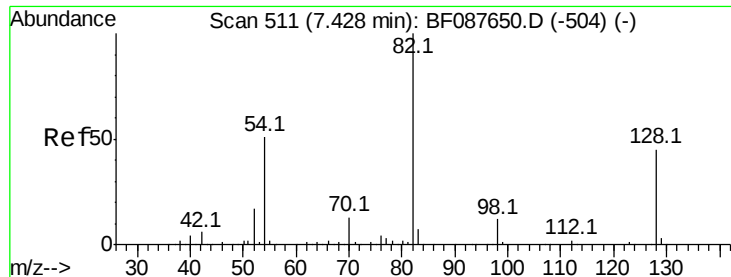
Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.60 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleId :

MW-15DL

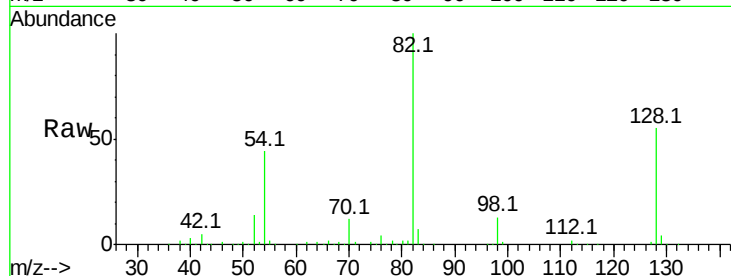
Tot Ion: 82 Resp: 353522

Ion Ratio Lower Upper

82 100

128 55.3 35.9 53.9#

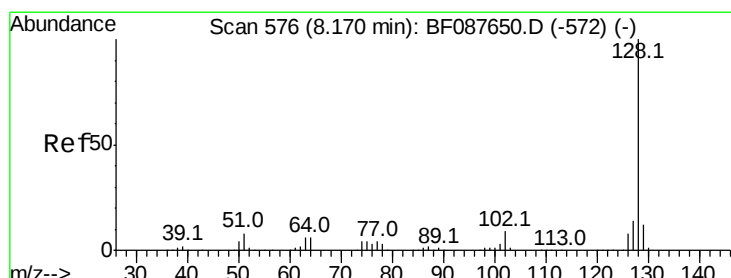
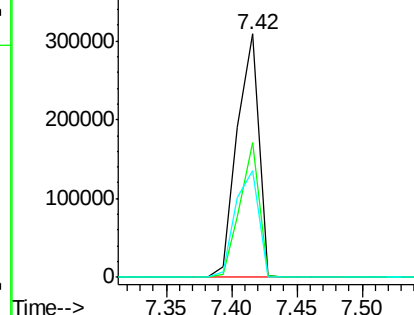
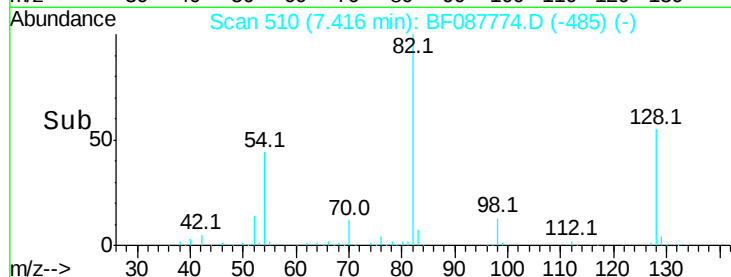
54 43.5 40.9 61.3



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: 56.00 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

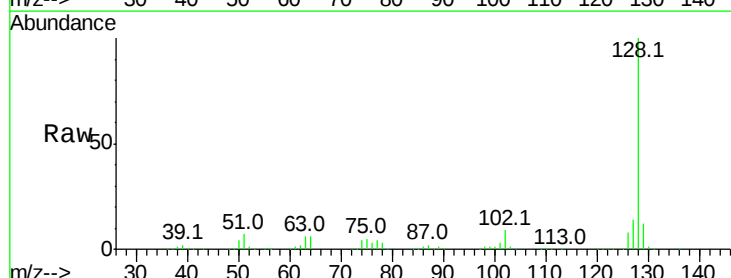
Tgt Ion:128 Resp: 1058780

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

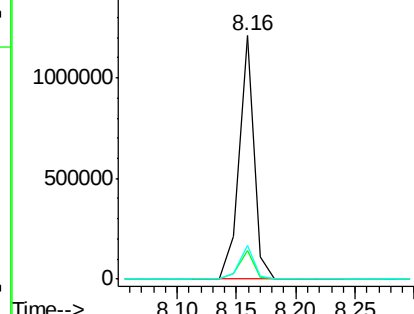
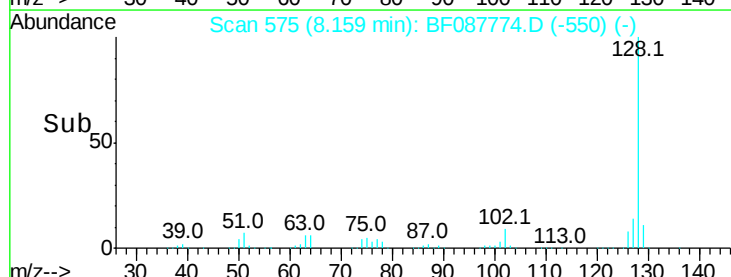
127 13.7 10.9 16.3

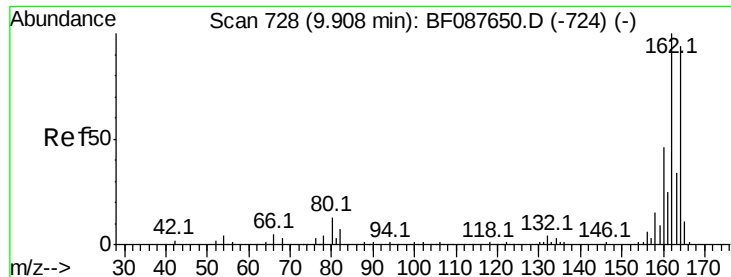


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

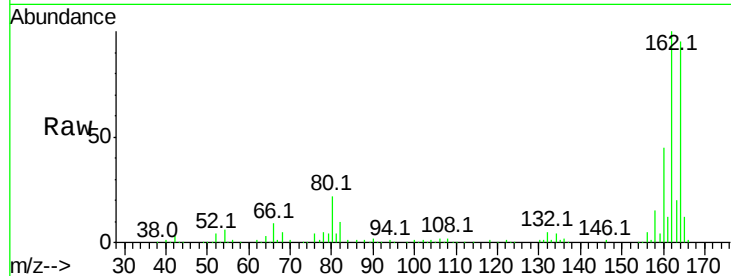




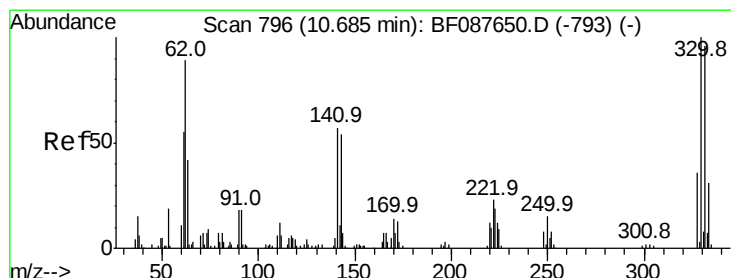
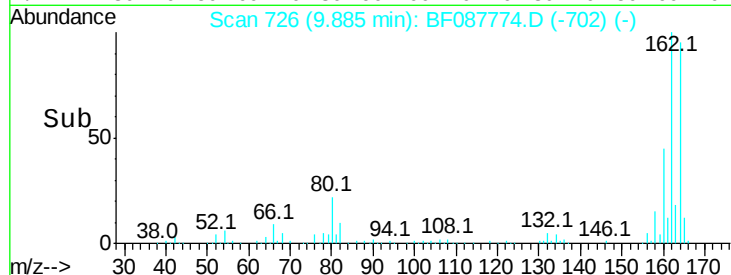
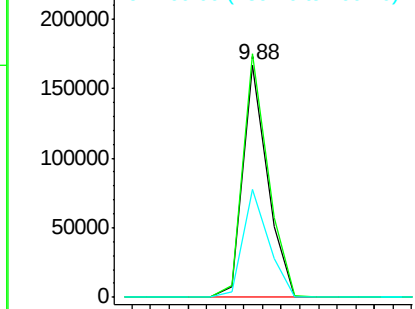
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tot Ion:164 Resp: 155211
Ion Ratio Lower Upper
164 100
162 104.7 85.4 128.2
160 46.7 39.5 59.3

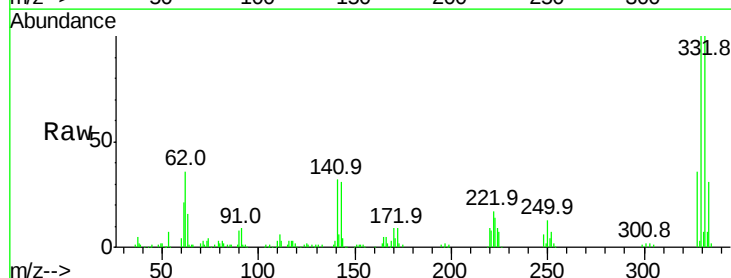


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

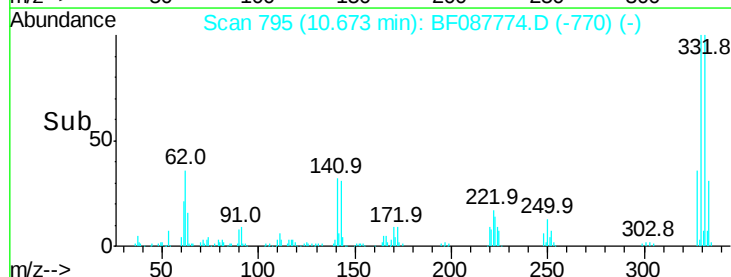
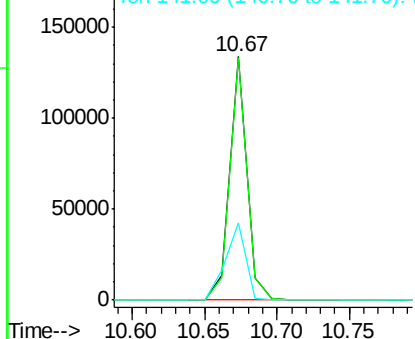


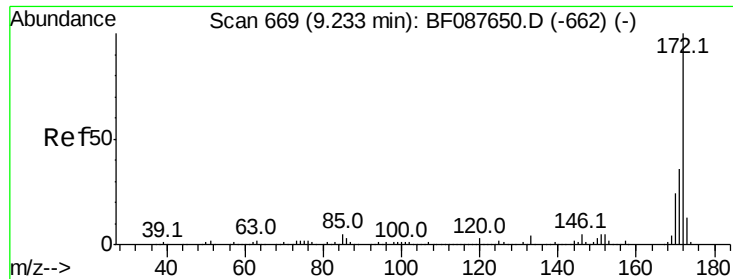
#41
2,4,6-Tribromophenol
Concen: 71.02 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:330 Resp: 110657
Ion Ratio Lower Upper
330 100
332 99.3 0.0 0.0#
141 37.2 0.0 0.0#



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

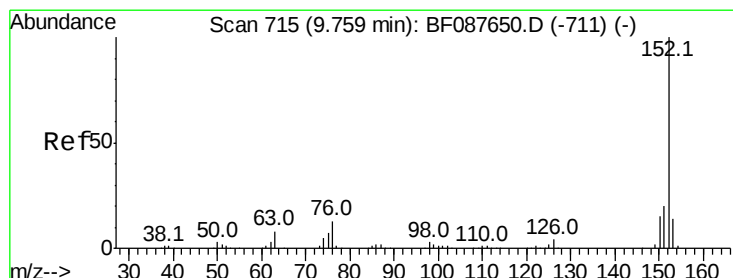
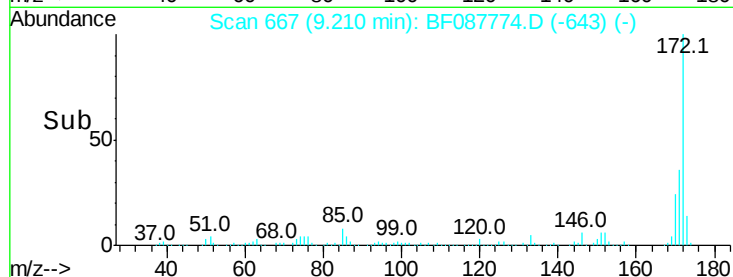
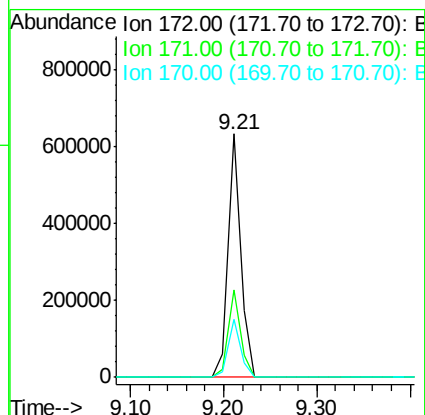
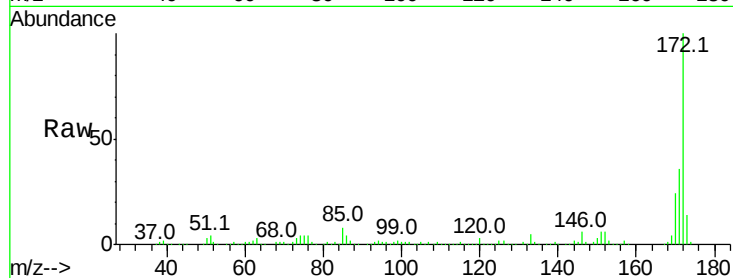




#44
 2-Fluorobiphenyl
 Concen: 52.91 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

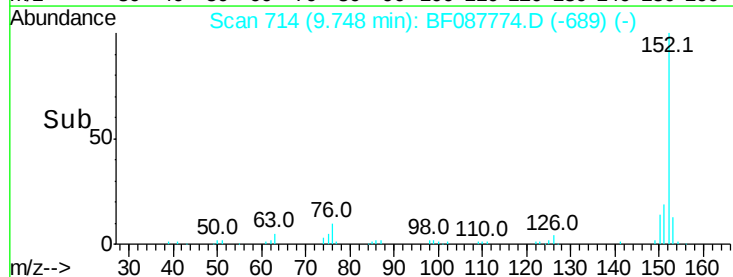
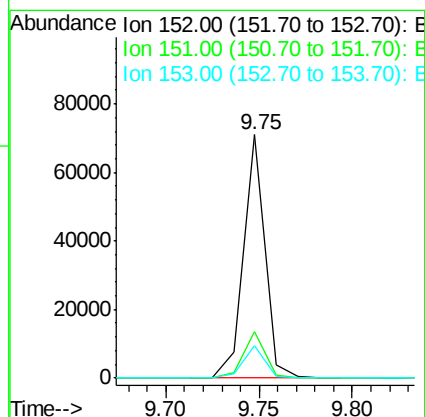
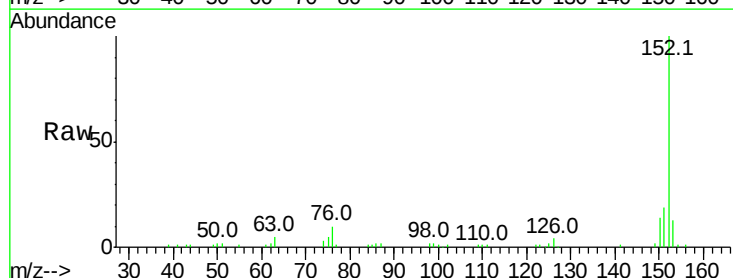
Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

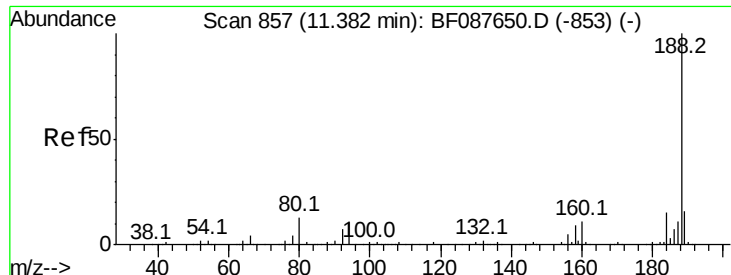
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.2	28.8



#48
 Acenaphthylene
 Concen: 3.64 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF087774.D
 Acq: 7 Jun 2016 4:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	13.2	11.0	16.6

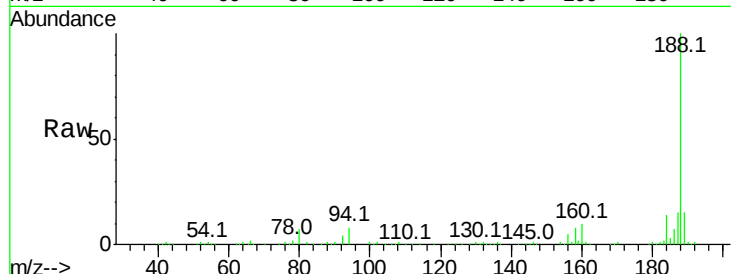




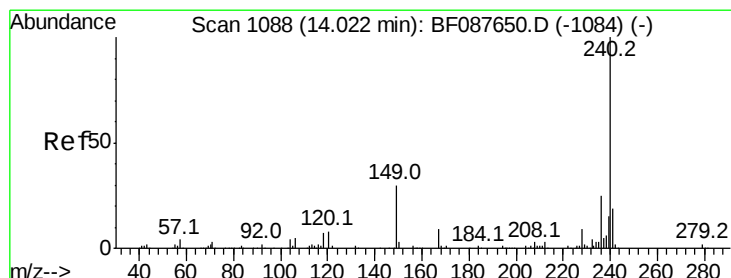
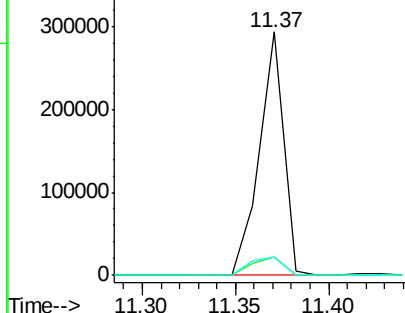
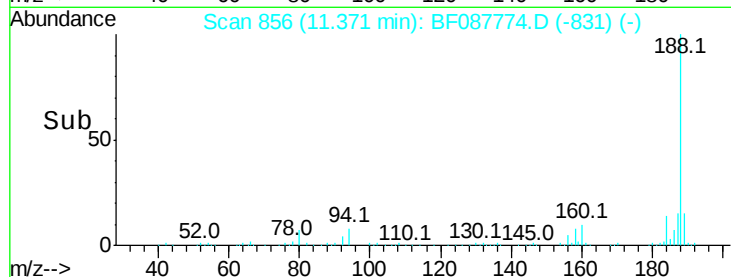
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tot Ion:188 Resp: 263948
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.5 10.0 15.0#

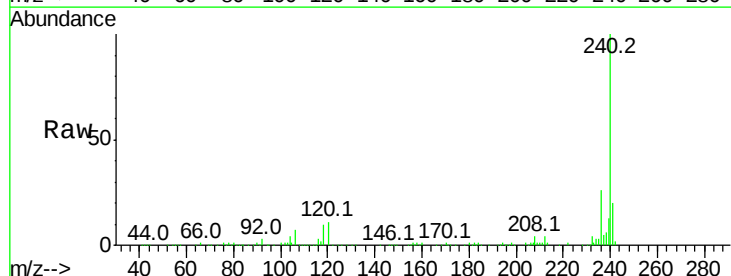


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

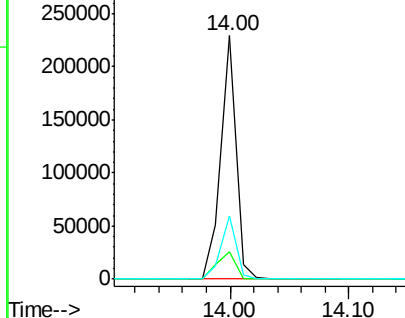
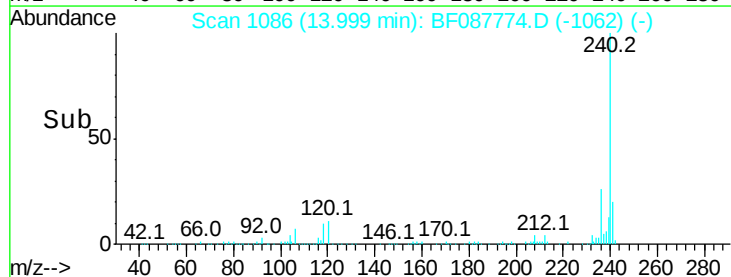


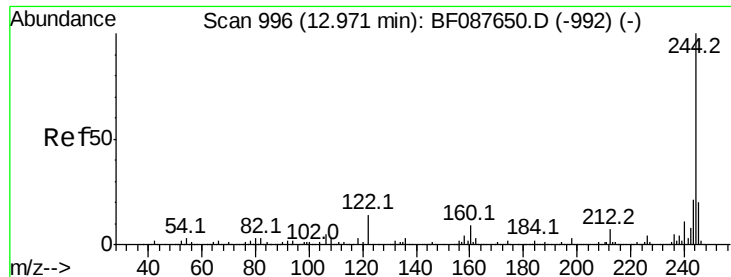
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087774.D
Acq: 7 Jun 2016 4:27

Tgt Ion:240 Resp: 204569
Ion Ratio Lower Upper
240 100
120 11.2 6.8 10.2#
236 25.7 20.2 30.2



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: 52.91 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

Instrument :

BNA_F

ClientSampleID :

MW-15DL

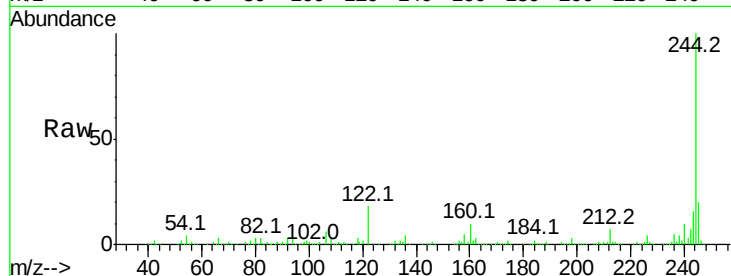
Tot Ion:244 Resp: 443566

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

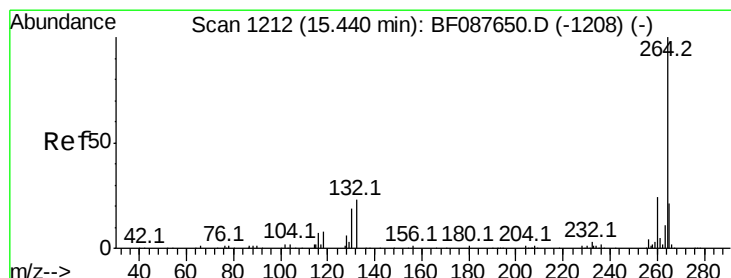
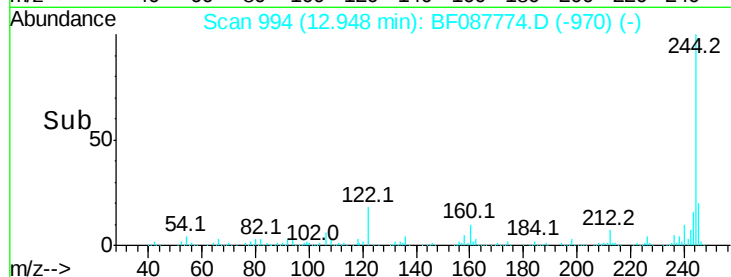
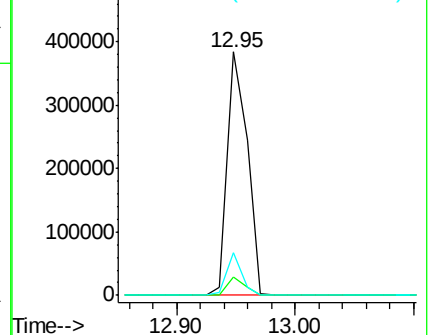
122 17.5 11.2 16.8#



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: 15.43 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF087774.D

Acq: 7 Jun 2016 4:27

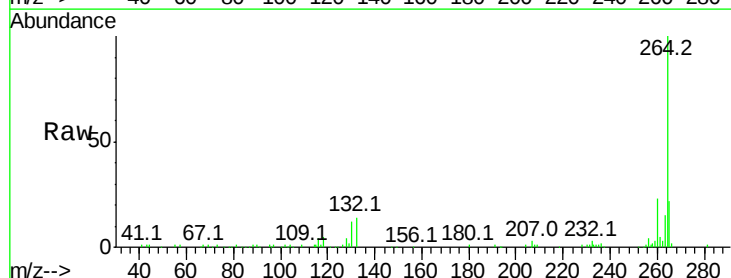
Tgt Ion:264 Resp: 151314

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 16.9 25.3



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

