

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091635.D
 Acq On : 15 Dec 2016 18:24
 Operator : UM/SJ
 Sample : H6012-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-6-7

Quant Time: Dec 16 00:55:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

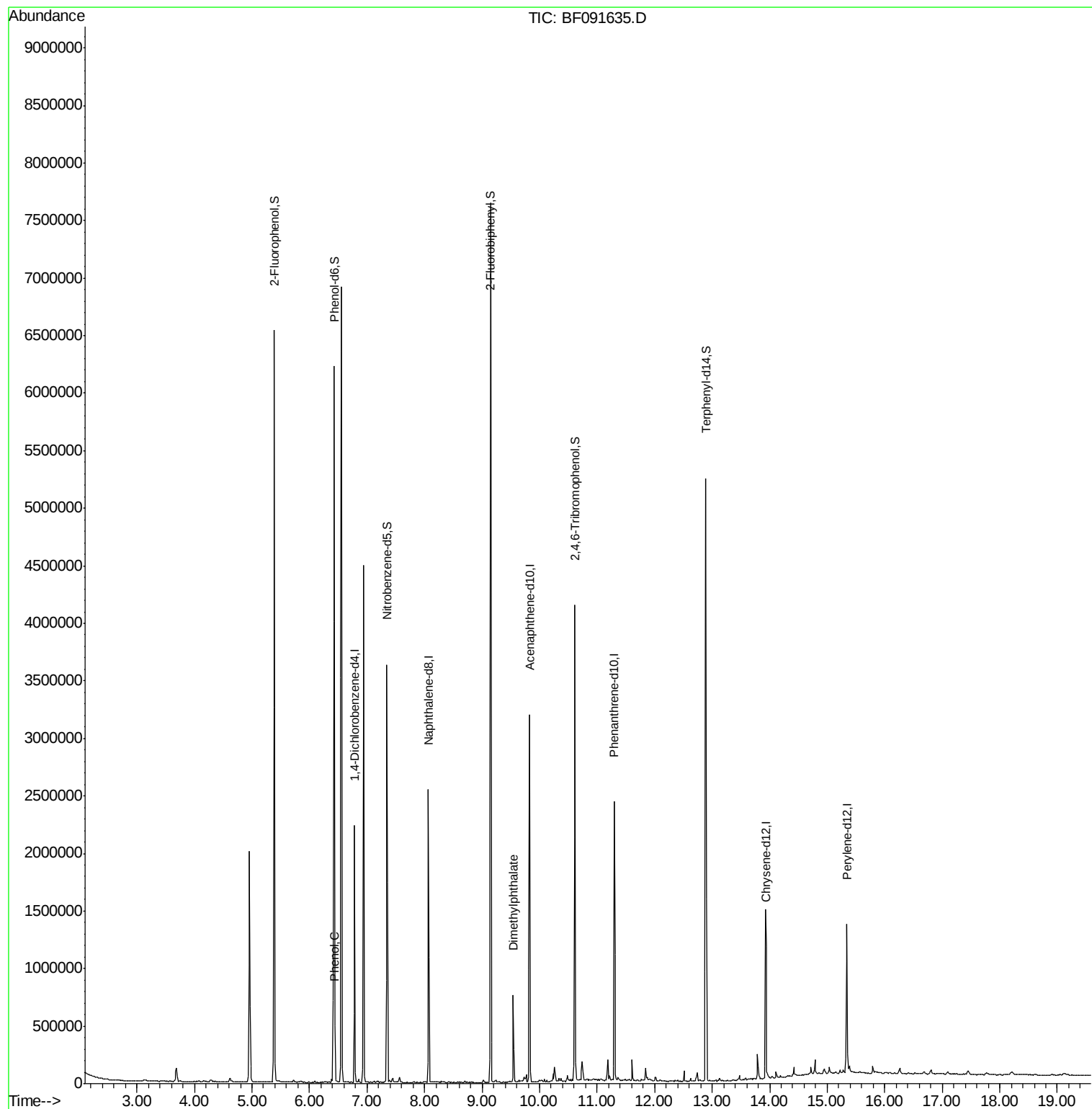
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	335938	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1302861	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	695442	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	994719	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	679507	20.00	ng	0.00
86) Perylene-d12	15.35	264	641252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1929336	96.76	ng	0.01
7) Phenol-d6	6.43	99	2627127	105.68	ng	0.00
23) Nitrobenzene-d5	7.34	82	1526906	65.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	525341	90.95	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2301120	57.17	ng	0.00
78) Terphenyl-d14	12.89	244	1751459	58.49	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	155810	5.36	ng	# 70
49) Dimethylphthalate	9.54	163	327402	7.43	ng	# 99

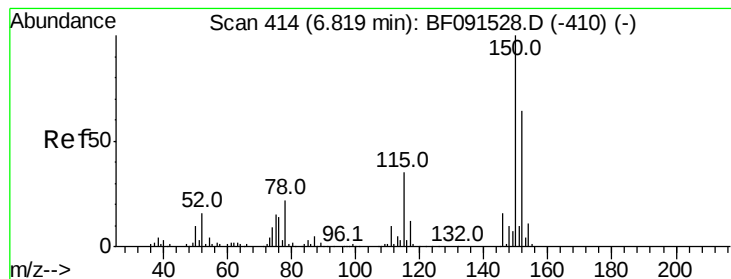
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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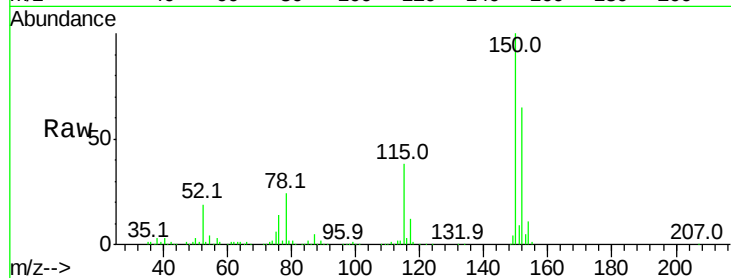


#1

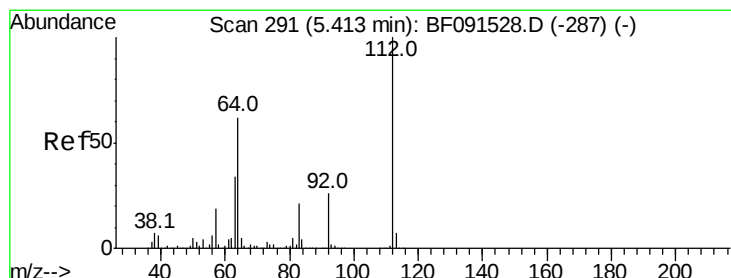
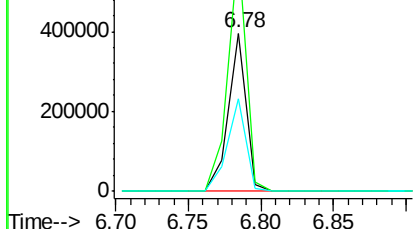
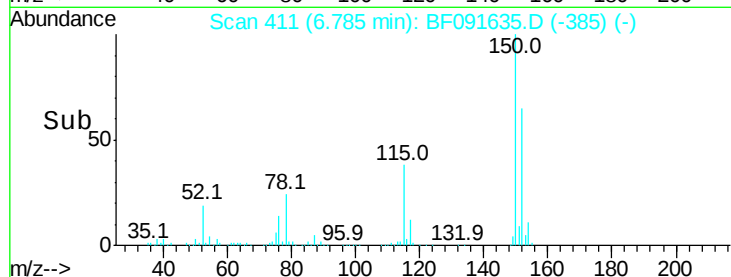
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091635.D
Acq: 15 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
SB-6-6-7

Tot Ion:152 Resp: 335938
Ion Ratio Lower Upper
152 100
150 154.2 122.5 183.7
115 58.2 51.8 77.8



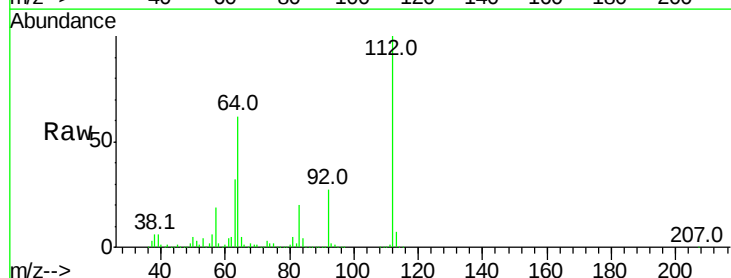
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



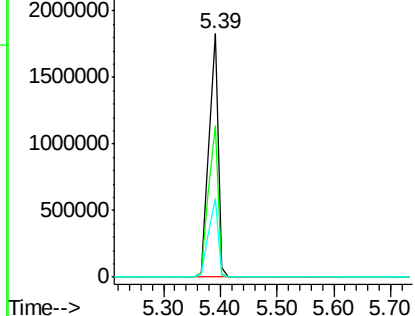
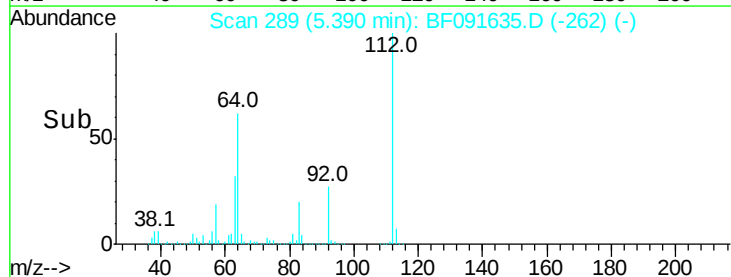
#5

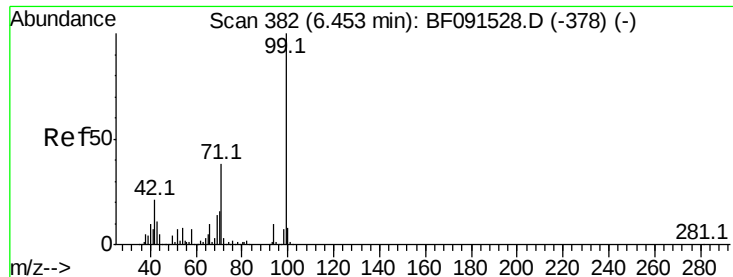
2-Fluorophenol
Concen: 96.76 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091635.D
Acq: 15 Dec 2016 18:24

Tgt Ion:112 Resp: 1929336
Ion Ratio Lower Upper
112 100
64 62.0 61.5 92.3
63 32.2 33.3 49.9#



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: 105.68 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

SB-6-6-7

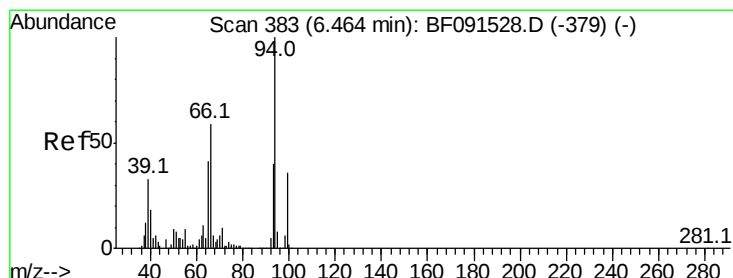
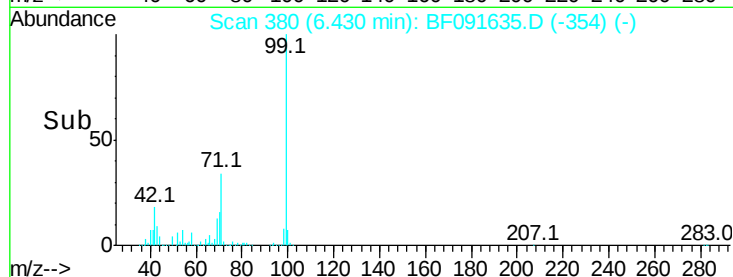
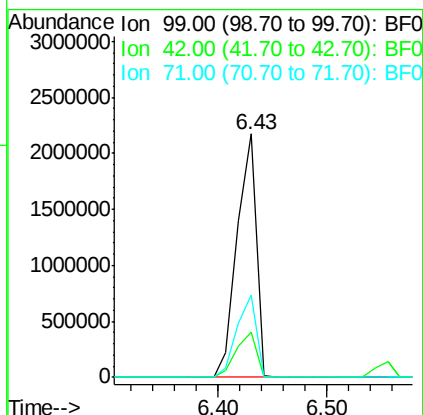
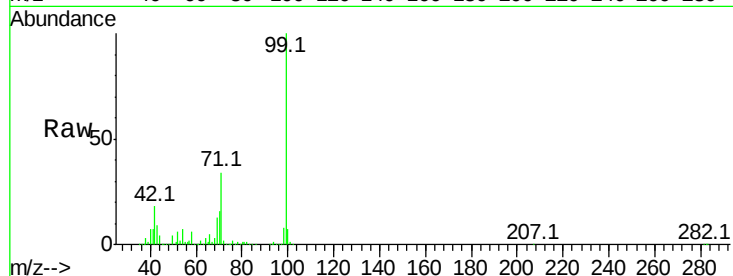
Tot Ion: 99 Resp: 2627127

Ion Ratio Lower Upper

99 100

42 18.4 20.6 31.0#

71 34.0 29.9 44.9



#10

Phenol

Concen: 5.36 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

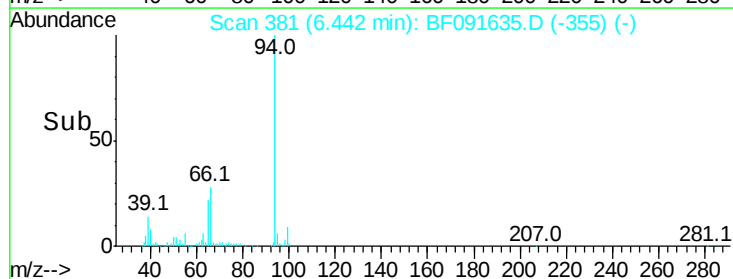
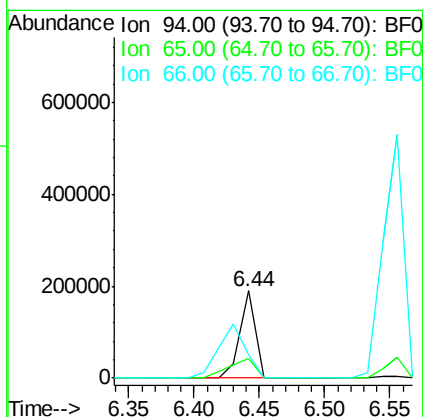
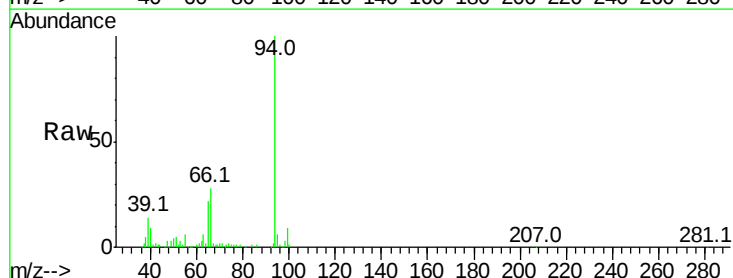
Tgt Ion: 94 Resp: 155810

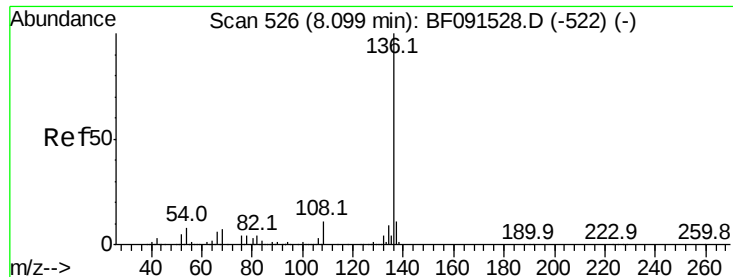
Ion Ratio Lower Upper

94 100

65 22.0 16.9 56.9

66 27.6 30.6 70.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

SB-6-6-7

Tot Ion:136 Resp: 1302861

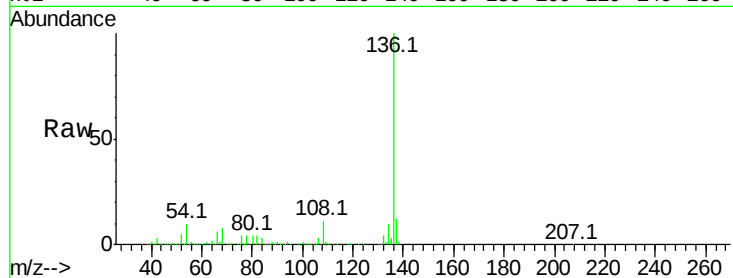
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.8 9.1 13.7

68 7.7 5.9 8.9

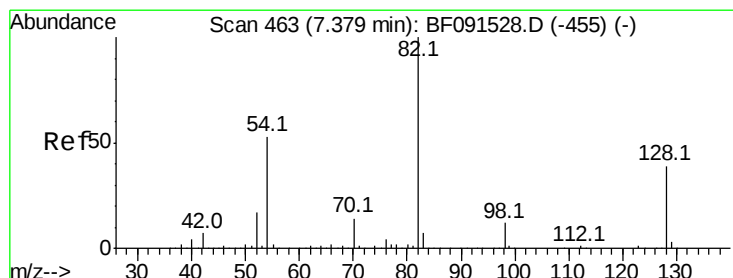
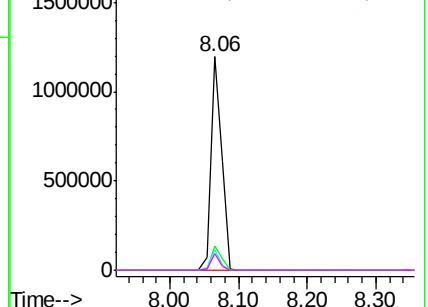
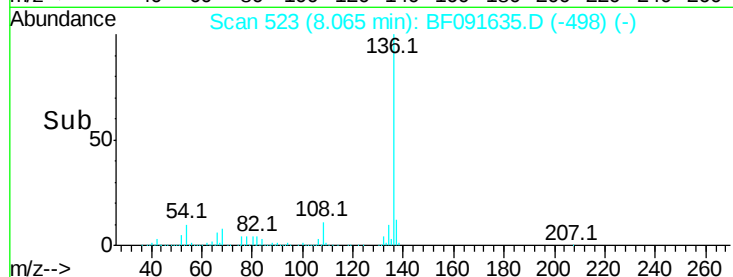


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.41 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

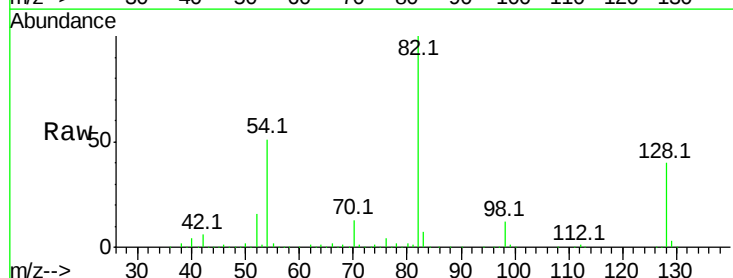
Tgt Ion: 82 Resp: 1526906

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

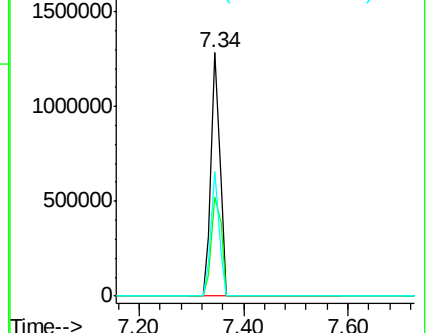
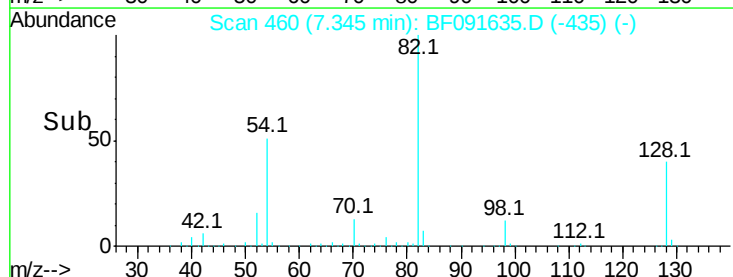
54 51.4 49.1 73.7

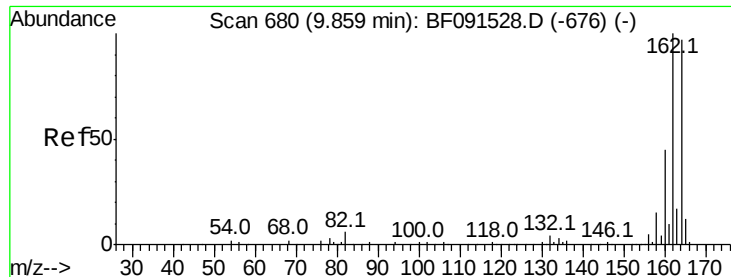


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

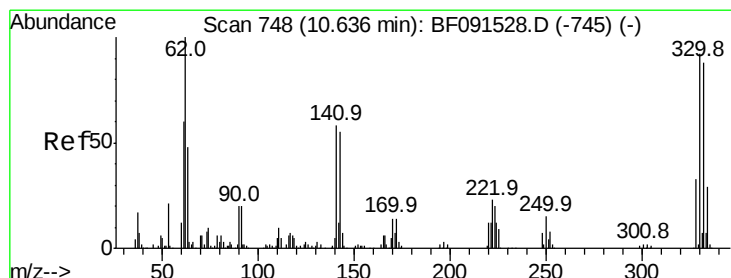
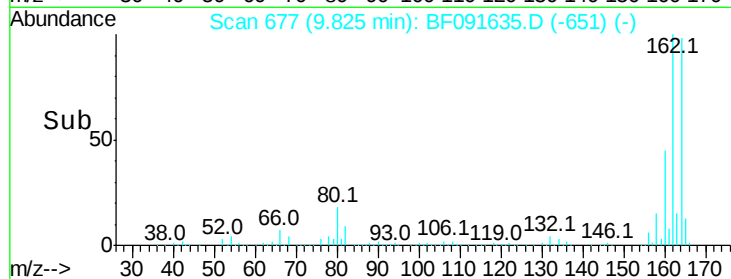
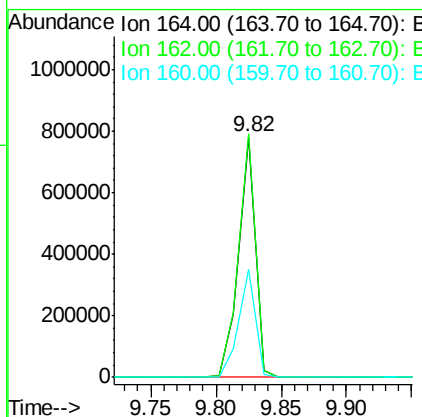
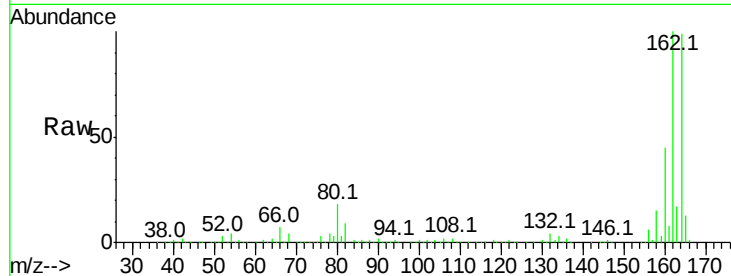




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091635.D
Acq: 15 Dec 2016 18:24

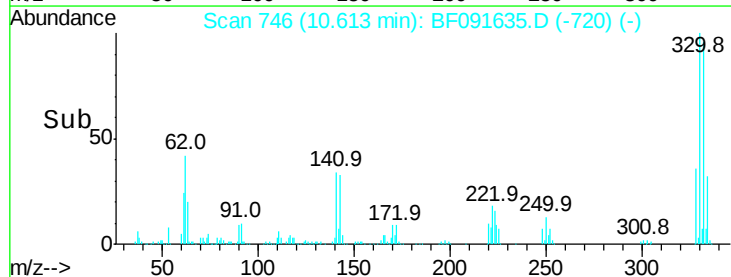
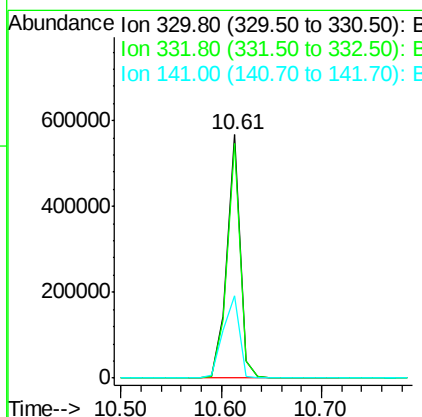
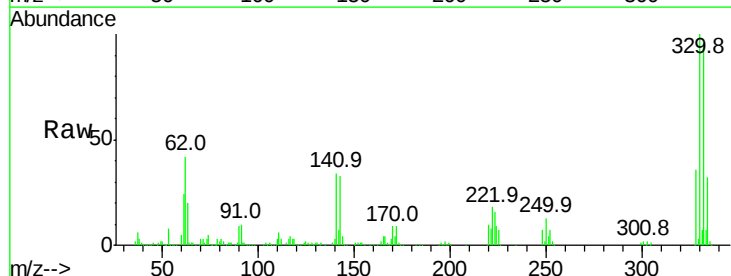
Instrument :
BNA_F
ClientSampleId :
SB-6-6-7

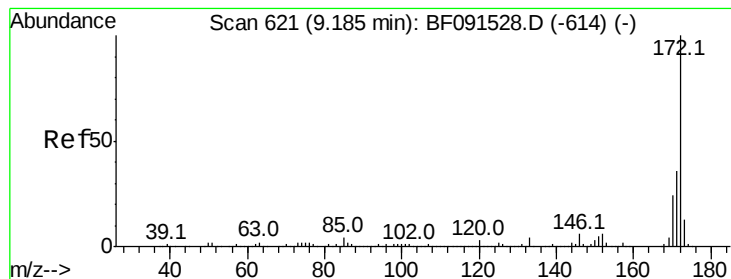
Tot Ion:164 Resp: 695442
Ion Ratio Lower Upper
164 100
162 101.5 82.6 124.0
160 45.3 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 90.95 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091635.D
Acq: 15 Dec 2016 18:24

Tgt Ion:330 Resp: 525341
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 41.4 33.6 50.4





#44

2-Fluorobiphenyl

Concen: 57.17 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

SB-6-6-7

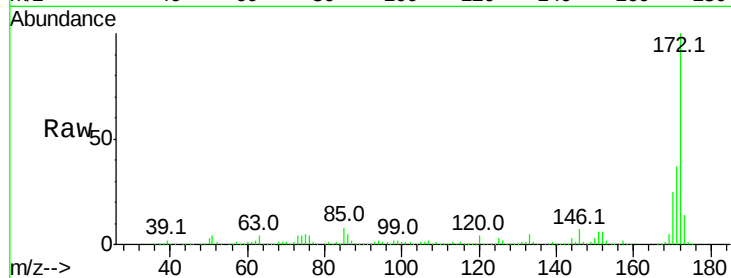
Tot Ion:172 Resp: 2301120

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

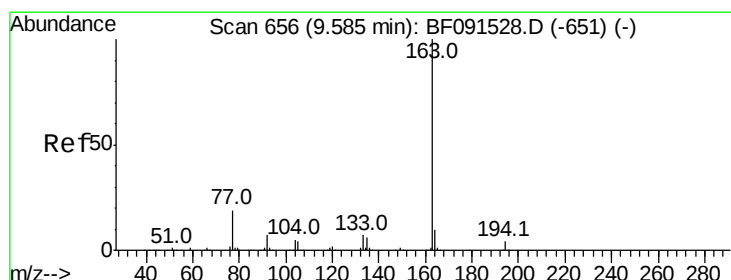
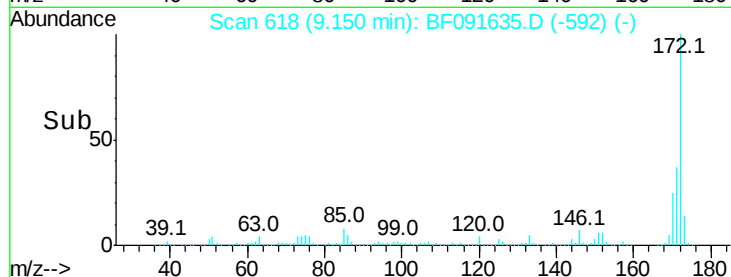
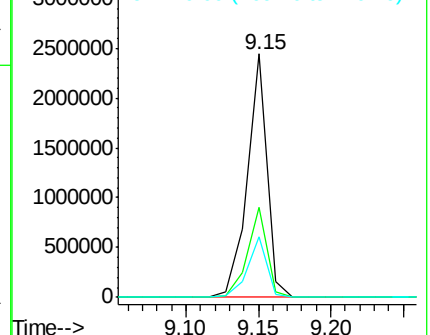
170 25.0 19.7 29.5



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: 7.43 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

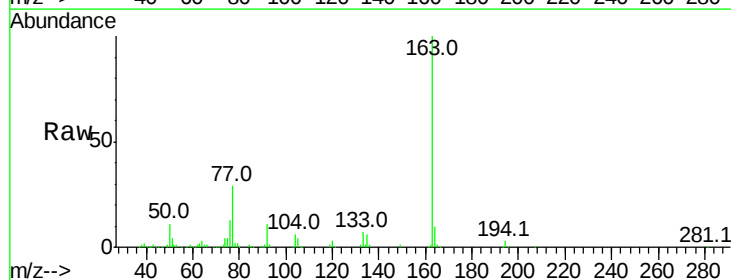
Tgt Ion:163 Resp: 327402

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

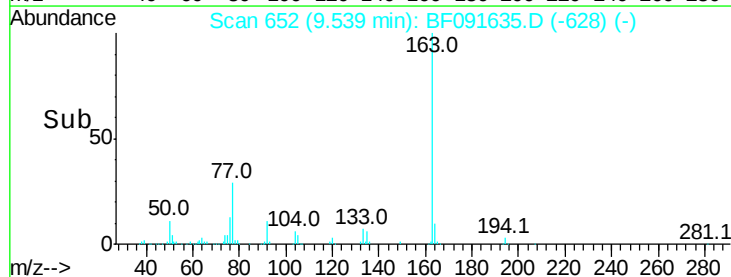
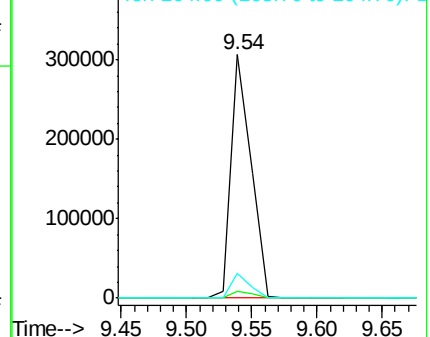
164 10.2 7.8 11.8

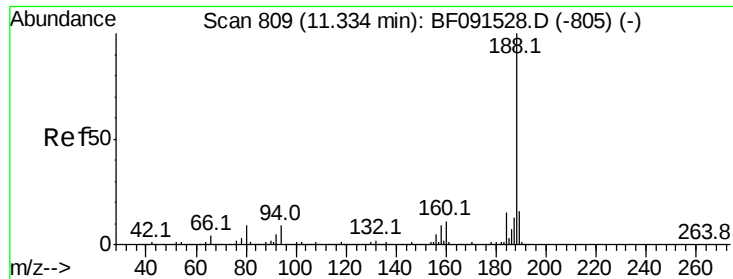


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

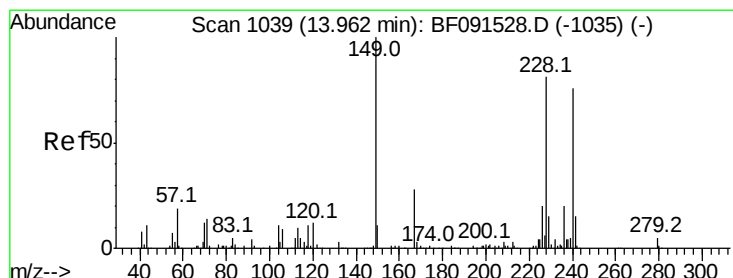
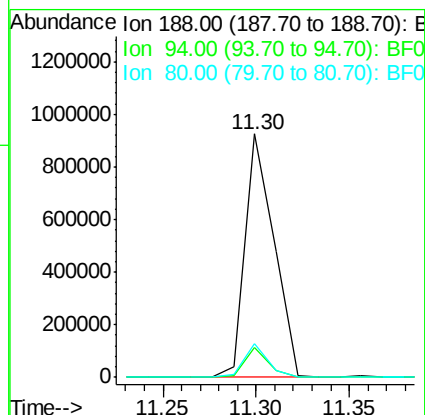
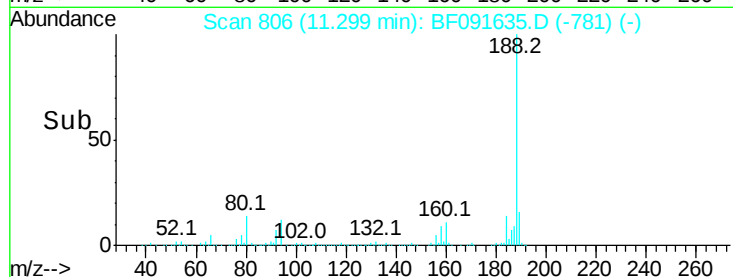
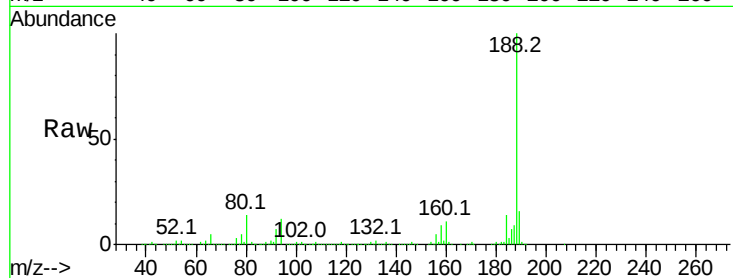




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091635.D
Acq: 15 Dec 2016 18:24

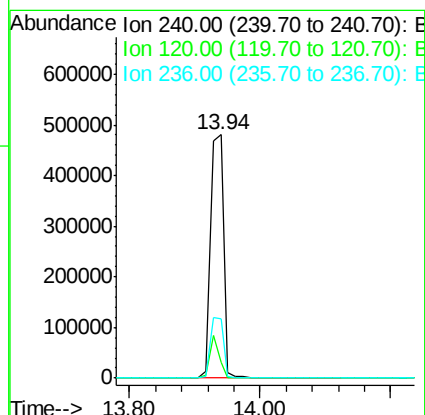
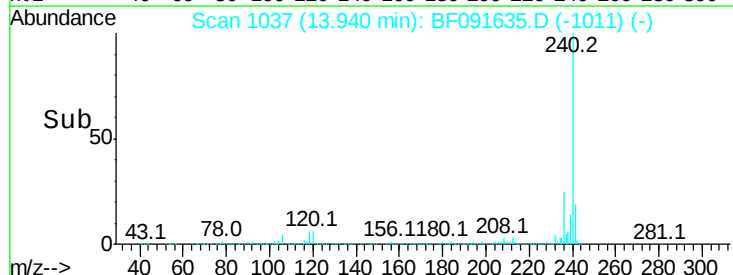
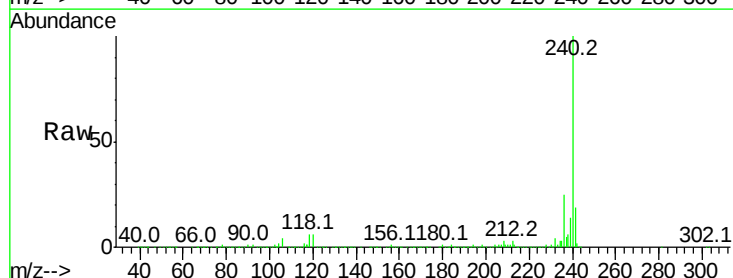
Instrument :
BNA_F
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SB-6-6-7

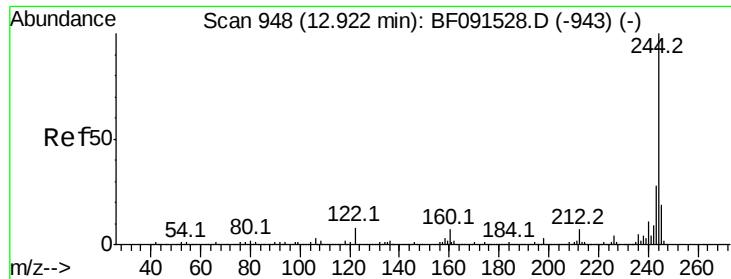
Tot Ion:188 Resp: 994719
Ion Ratio Lower Upper
188 100
94 12.4 9.2 13.8
80 14.1 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091635.D
Acq: 15 Dec 2016 18:24

Tgt Ion:240 Resp: 679507
Ion Ratio Lower Upper
240 100
120 6.4 12.1 18.1#
236 24.5 21.0 31.6





#78

Terphenyl-d14

Concen: 58.49 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

Instrument :

BNA_F

ClientSampleId :

SB-6-6-7

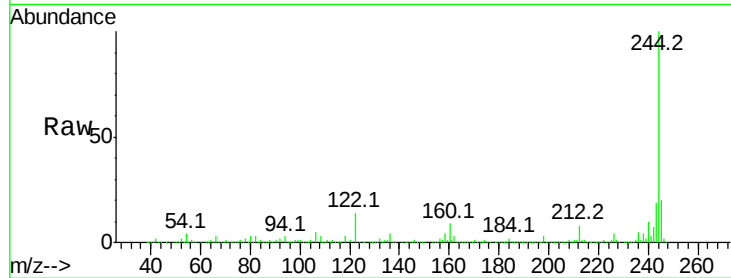
Tot Ion:244 Resp: 1751459

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

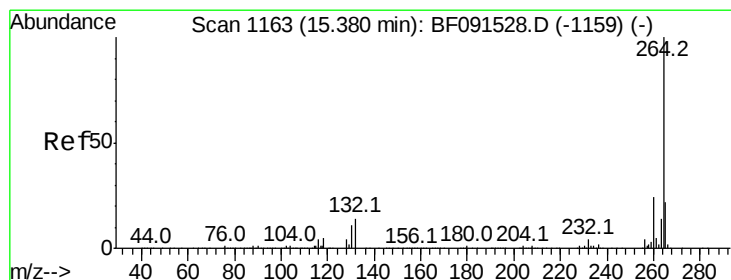
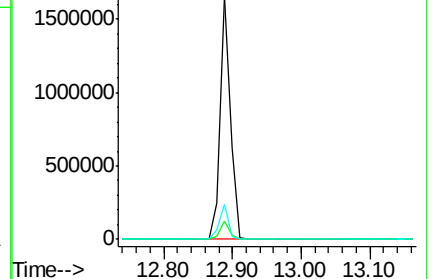
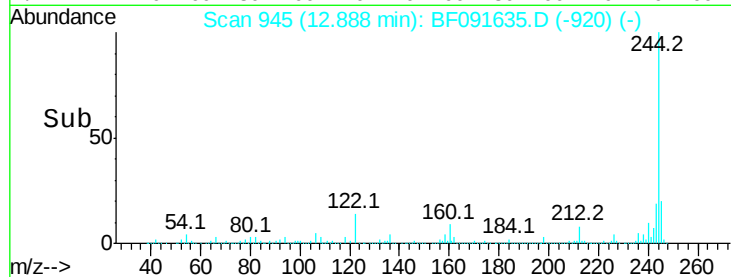
122 14.5 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091635.D

Acq: 15 Dec 2016 18:24

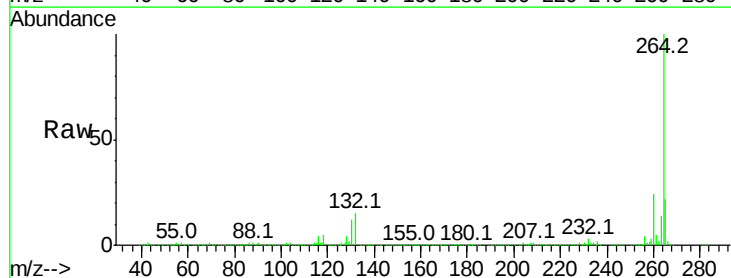
Tgt Ion:264 Resp: 641252

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.7 17.0 25.6



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

