

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091636.D
 Acq On : 15 Dec 2016 18:52
 Operator : UM/SJ
 Sample : H6029-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01

Quant Time: Dec 16 00:57:36 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

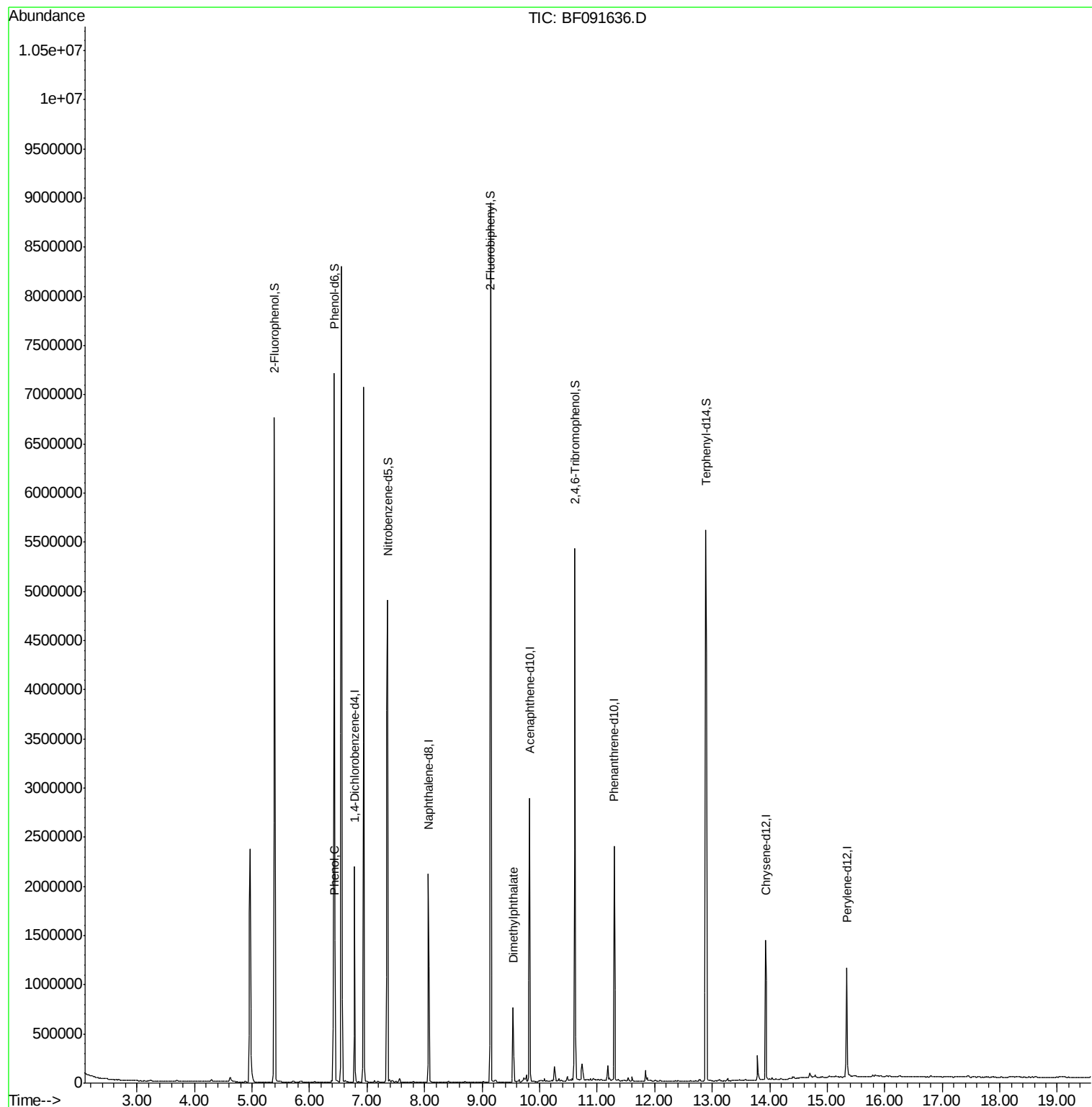
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	319847	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1199691	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	652210	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	937898	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	636394	20.00	ng	-0.01
86) Perylene-d12	15.35	264	606606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2620638	138.04	ng	0.01
7) Phenol-d6	6.43	99	3043718	128.60	ng	0.00
23) Nitrobenzene-d5	7.36	82	2375082	110.50	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	651871	120.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2931747	77.67	ng	0.00
78) Terphenyl-d14	12.89	244	2511014	89.53	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	171799	6.21	ng	Qvalue 85
49) Dimethylphthalate	9.54	163	326771	7.91	ng	# 99

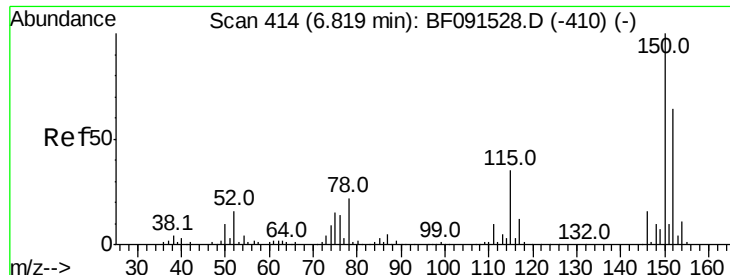
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091636.D

Acq: 15 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01

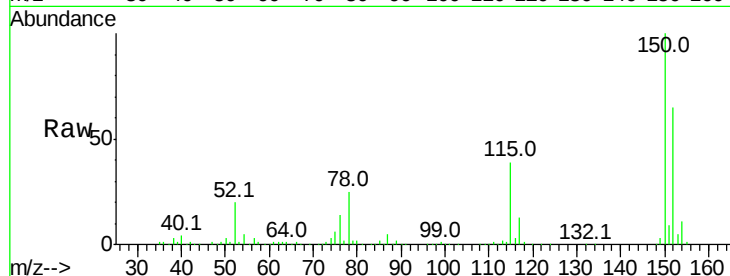
Tot Ion:152 Resp: 319847

Ion Ratio Lower Upper

152 100

150 154.0 122.5 183.7

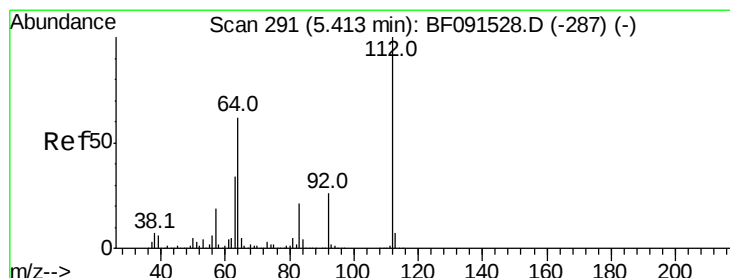
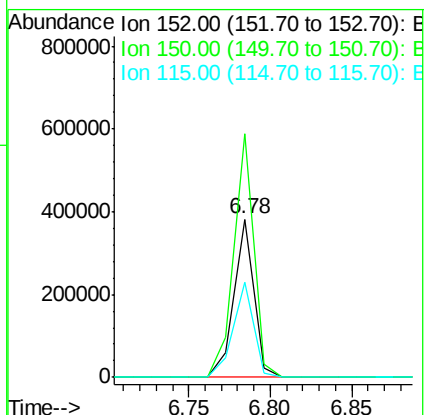
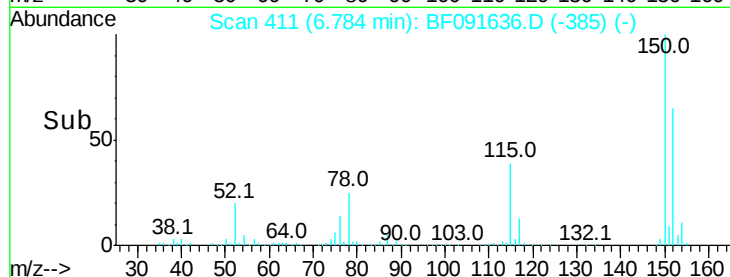
115 59.9 51.8 77.8



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: 138.04 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

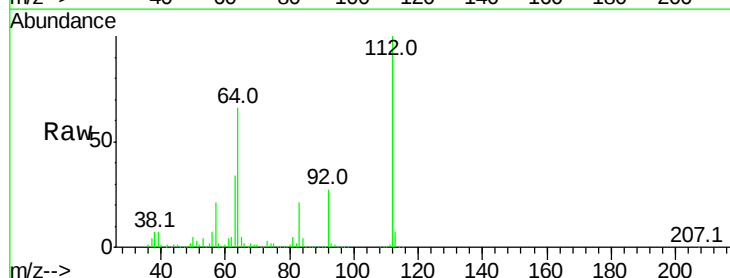
Tgt Ion:112 Resp: 2620638

Ion Ratio Lower Upper

112 100

64 66.1 61.5 92.3

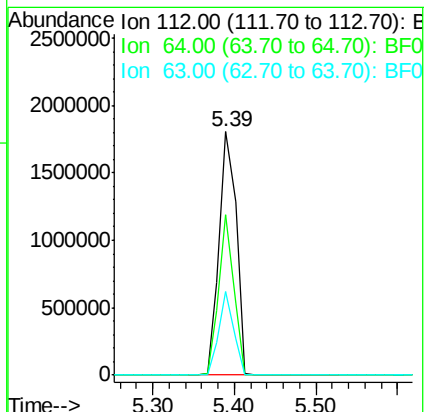
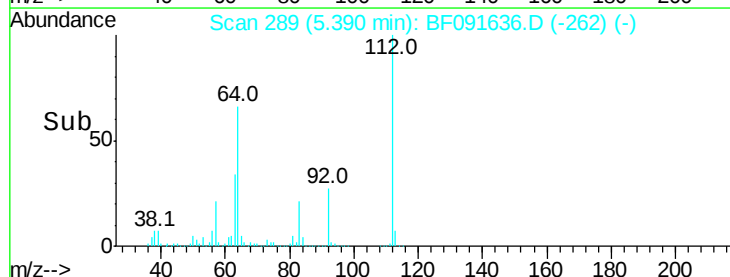
63 34.2 33.3 49.9

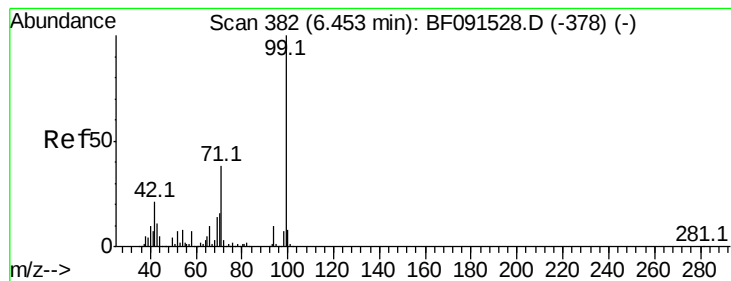


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.60 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

Instrument :

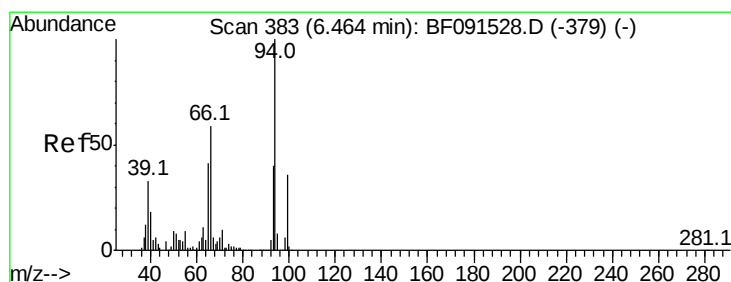
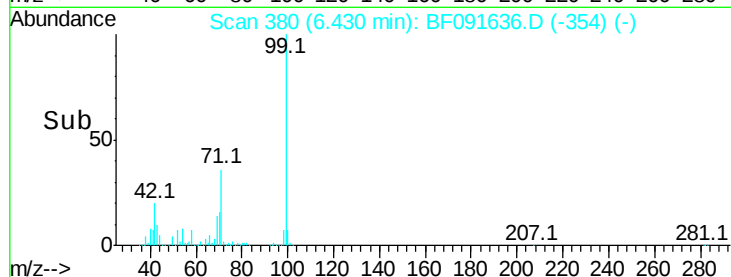
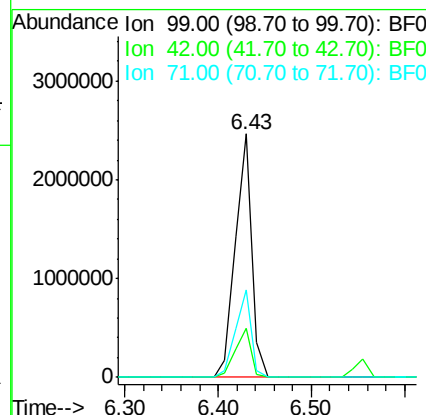
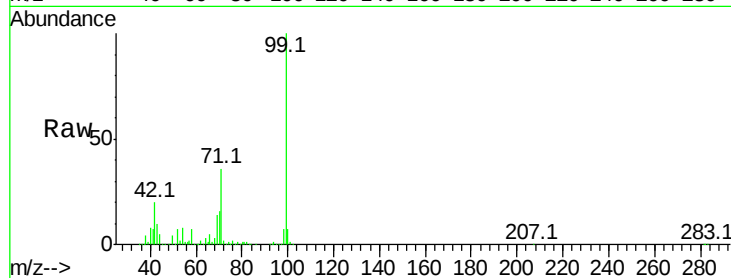
BNA_F

ClientSampleId :

IDW-SOIL-01

Tot Ion: 99 Resp: 3043718

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.6	31.0#
71	35.7	29.9	44.9



#10

Phenol

Concen: 6.21 ng

RT: 6.44 min Scan# 381

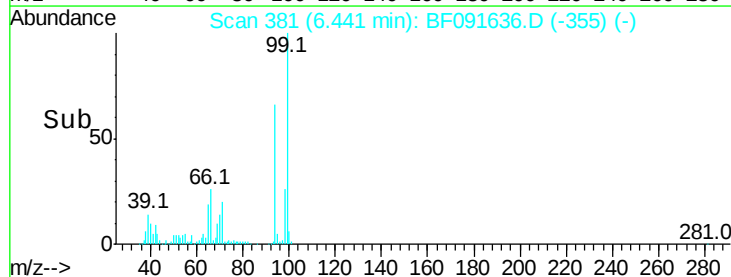
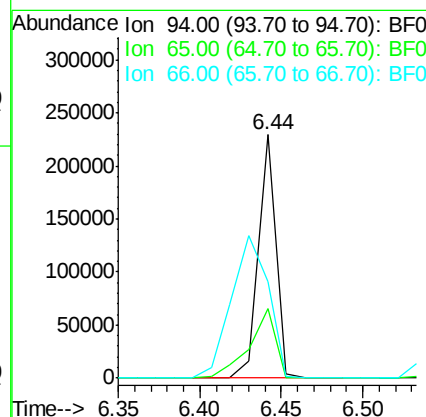
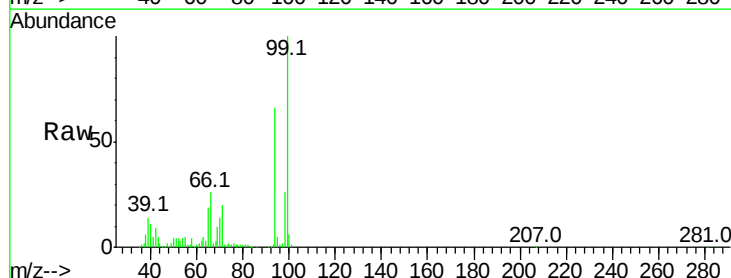
Delta R.T. -0.00 min

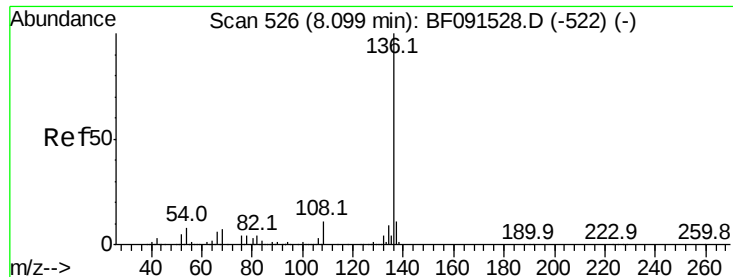
Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

Tgt Ion: 94 Resp: 171799

Ion	Ratio	Lower	Upper
94	100		
65	28.4	16.9	56.9
66	39.5	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: BF091636.D

Acq: 15 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01

Tot Ion:136 Resp: 1199691

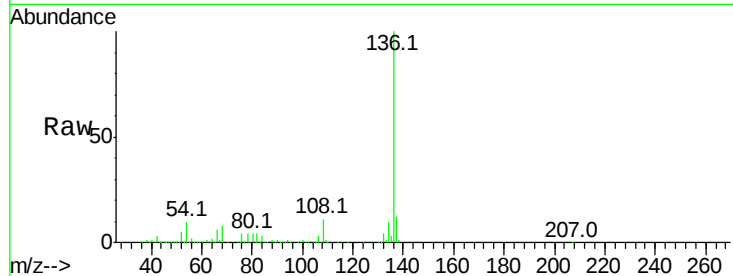
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.3 9.1 13.7

68 7.9 5.9 8.9

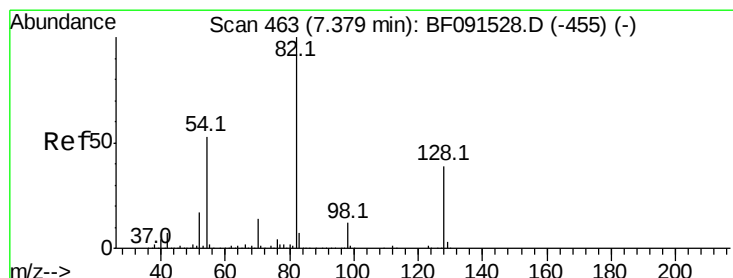
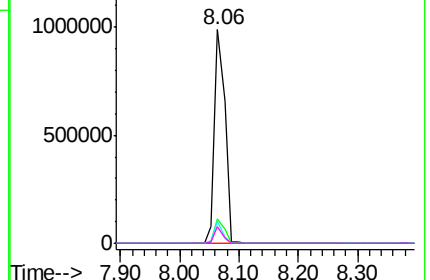
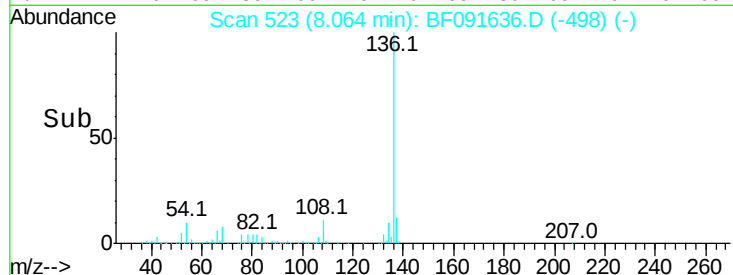


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.50 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

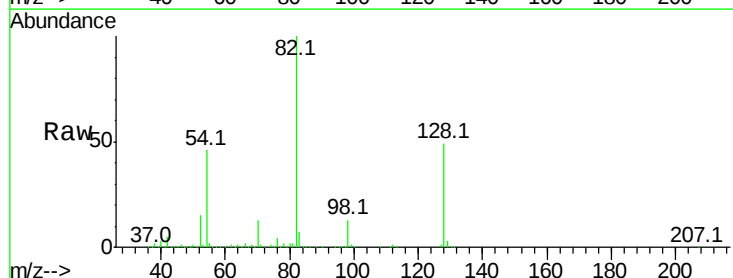
Tgt Ion: 82 Resp: 2375082

Ion Ratio Lower Upper

82 100

128 48.7 31.8 47.6#

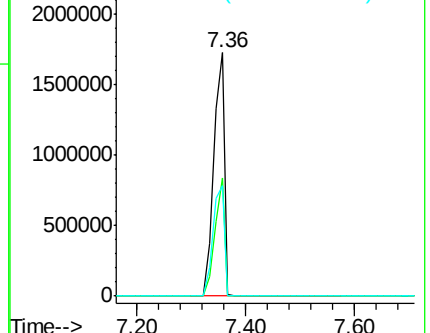
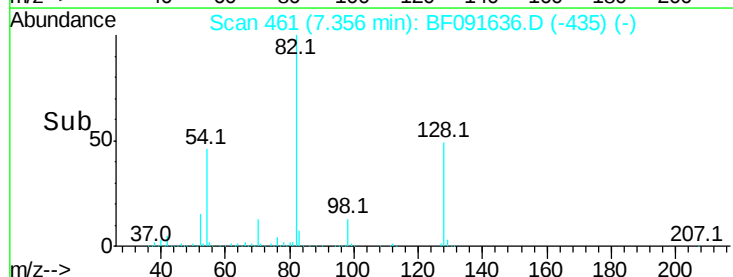
54 45.6 49.1 73.7#

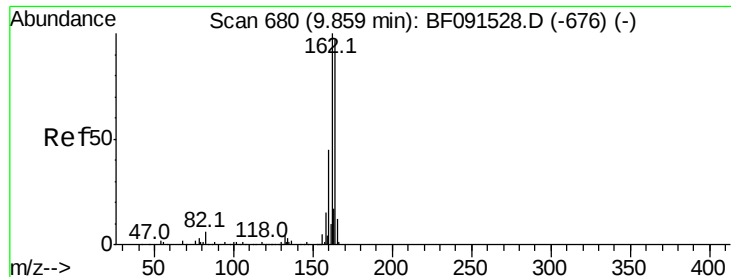


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF091636.D

Acq: 15 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01

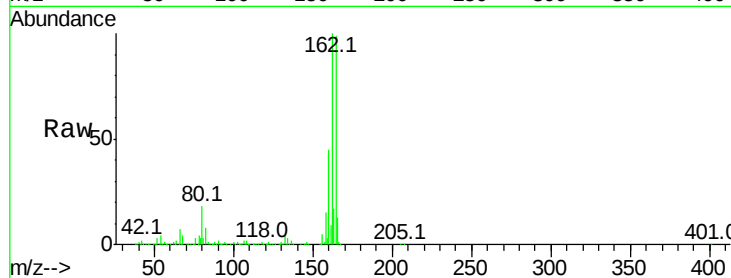
Tot Ion:164 Resp: 652210

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

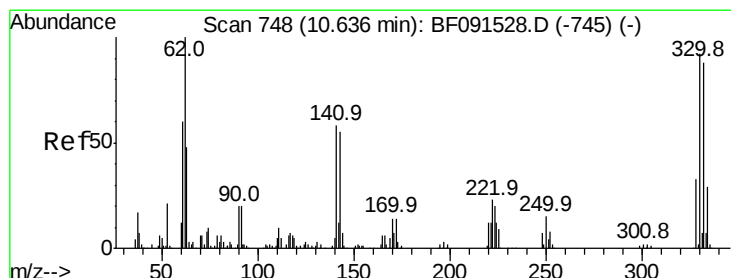
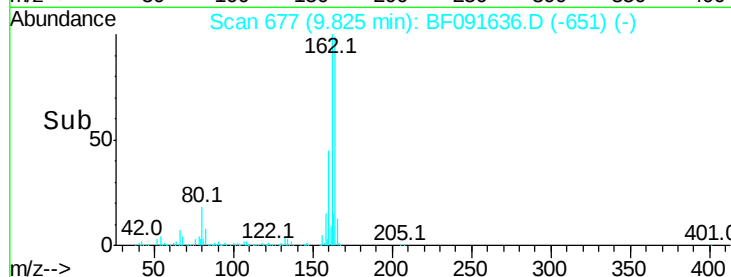
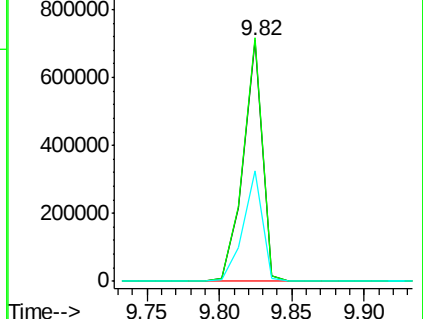
160 45.9 36.7 55.1



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: 120.33 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

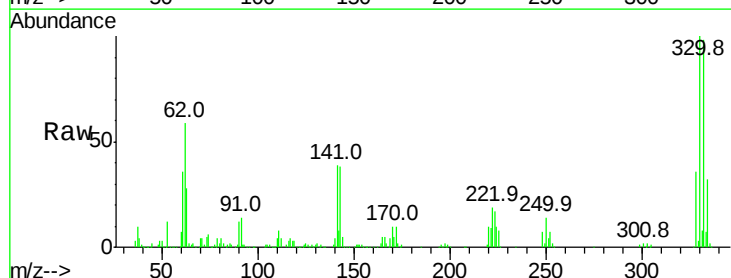
Tgt Ion:330 Resp: 651871

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

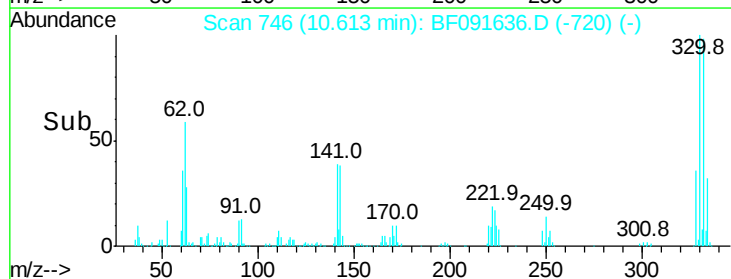
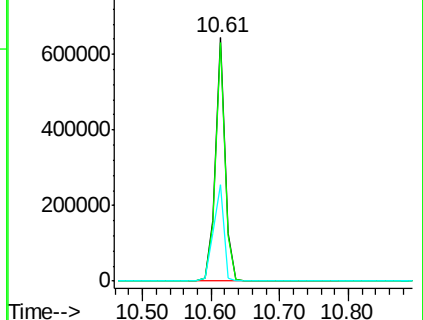
141 42.0 33.6 50.4

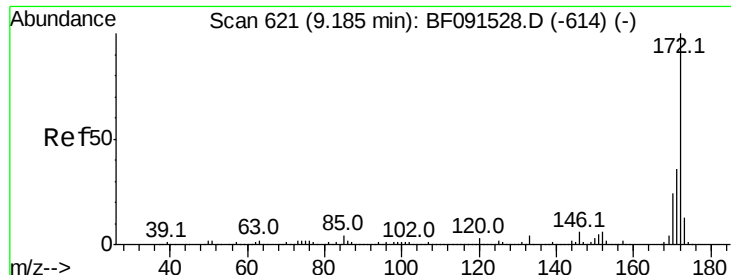


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

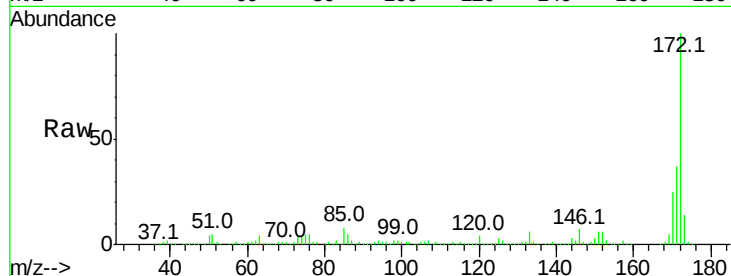




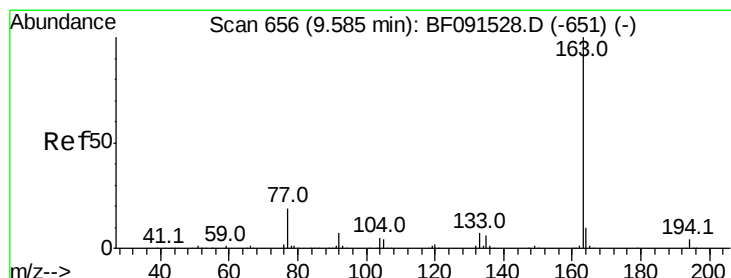
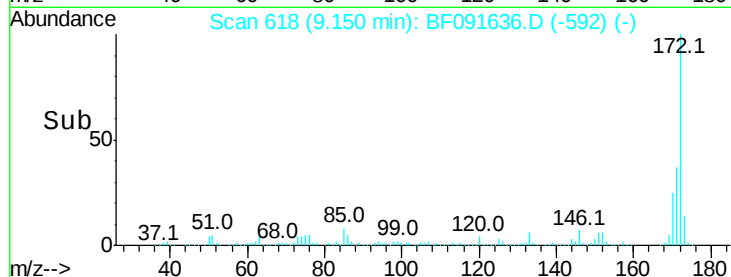
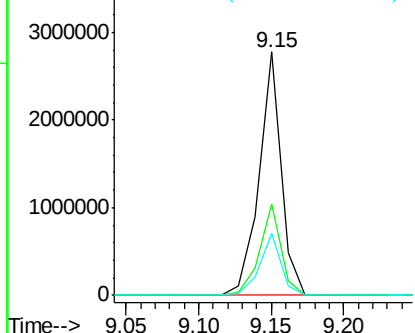
#44
2-Fluorobiphenyl
Concen: 77.67 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091636.D
Acq: 15 Dec 2016 18:52

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01

Tot Ion:172 Resp: 2931747
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 25.2 19.7 29.5

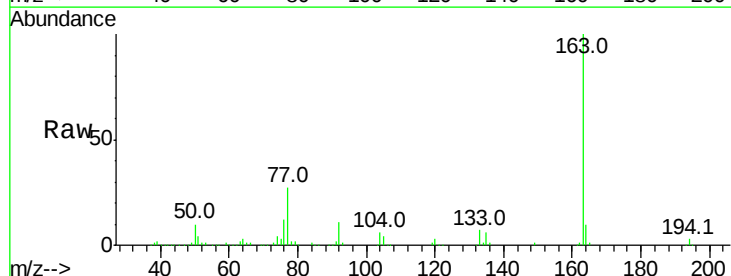


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

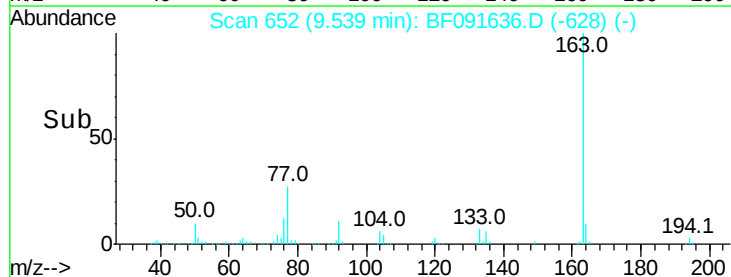
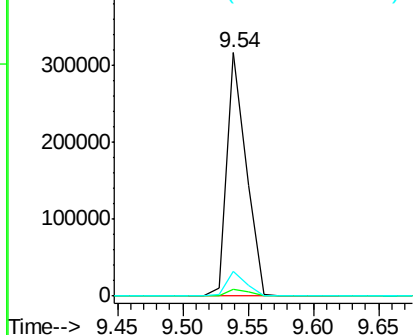


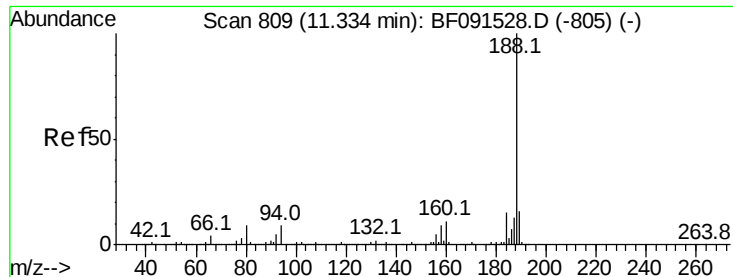
#49
Dimethylphthalate
Concen: 7.91 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091636.D
Acq: 15 Dec 2016 18:52

Tgt Ion:163 Resp: 326771
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: BF091636.D

Acq: 15 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01

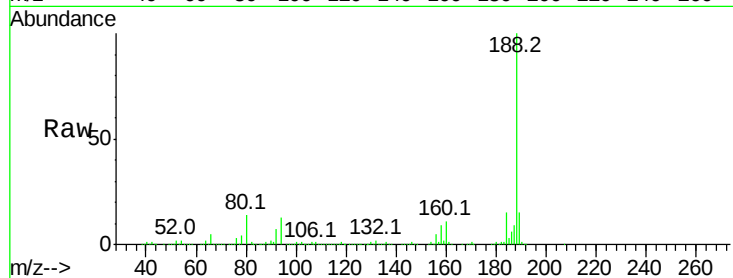
Tot Ion:188 Resp: 937898

Ion Ratio Lower Upper

188 100

94 12.8 9.2 13.8

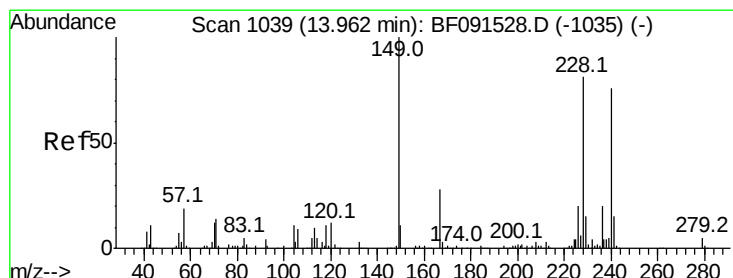
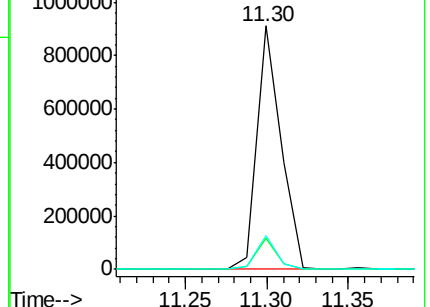
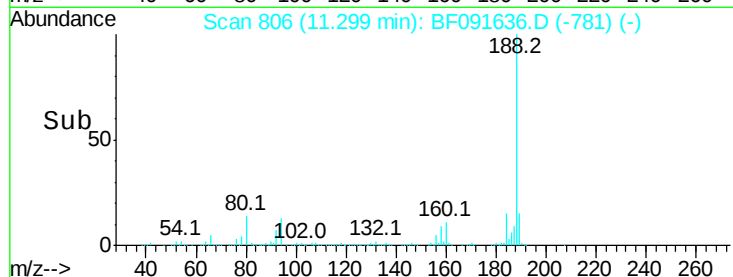
80 14.1 10.5 15.7



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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

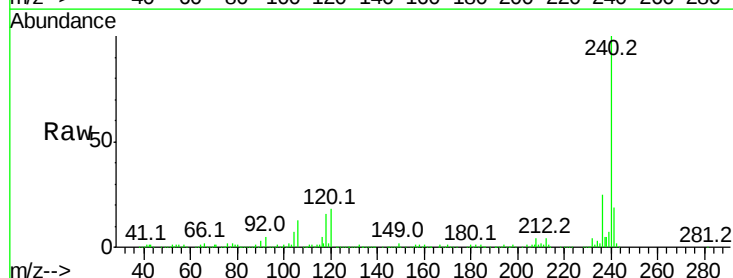
Tgt Ion:240 Resp: 636394

Ion Ratio Lower Upper

240 100

120 17.9 12.1 18.1

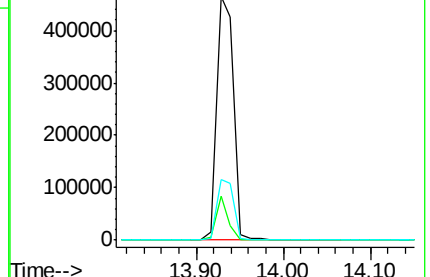
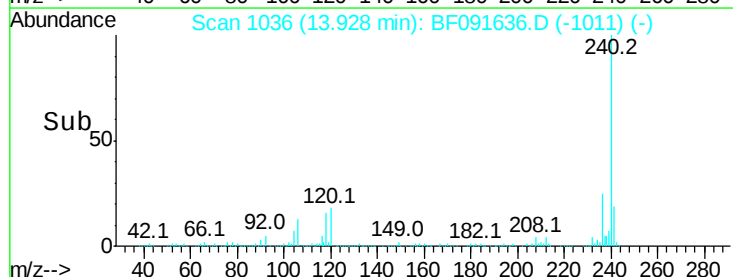
236 25.1 21.0 31.6

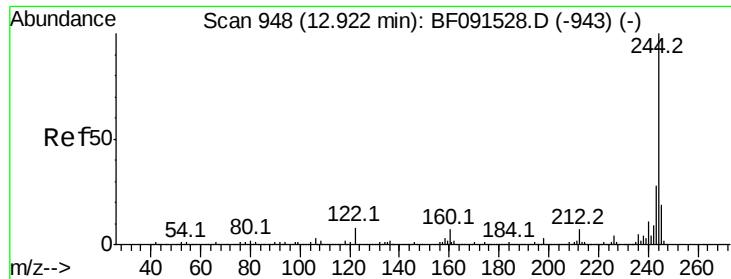


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.53 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091636.D

Acq: 15 Dec 2016 18:52

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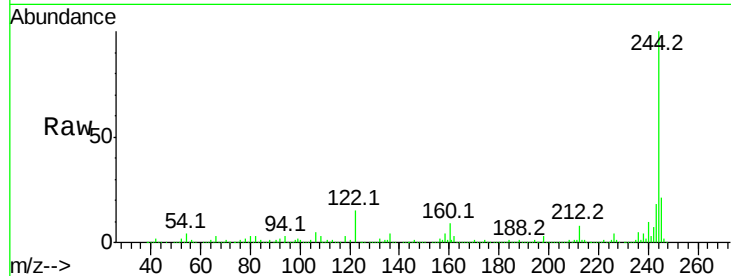
Tot Ion:244 Resp: 2511014

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

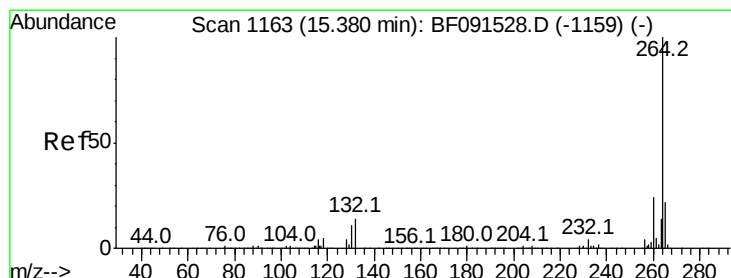
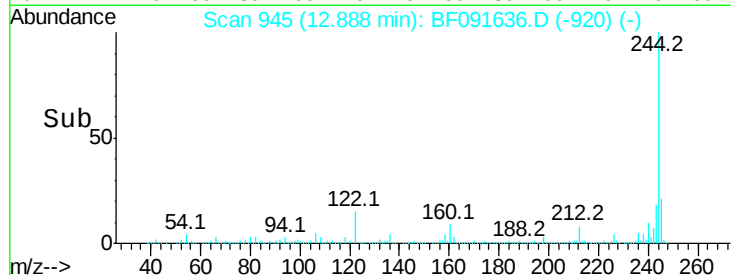
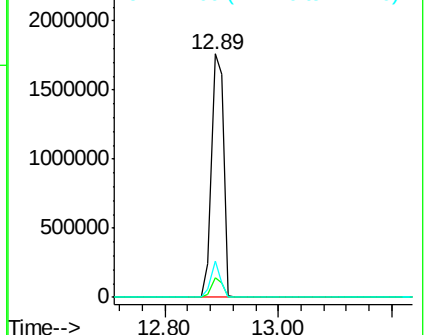
122 14.9 9.5 14.3#



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: BF091636.D

Acq: 15 Dec 2016 18:52

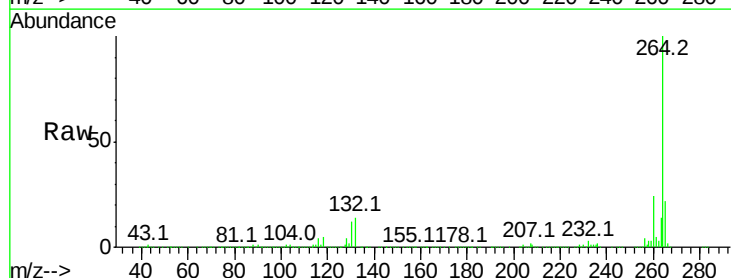
Tgt Ion:264 Resp: 606606

Ion Ratio Lower Upper

264 100

260 24.0 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

