

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091637.D
 Acq On : 15 Dec 2016 19:19
 Operator : UM/SJ
 Sample : H6029-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-02

Quant Time: Dec 16 00:59:10 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

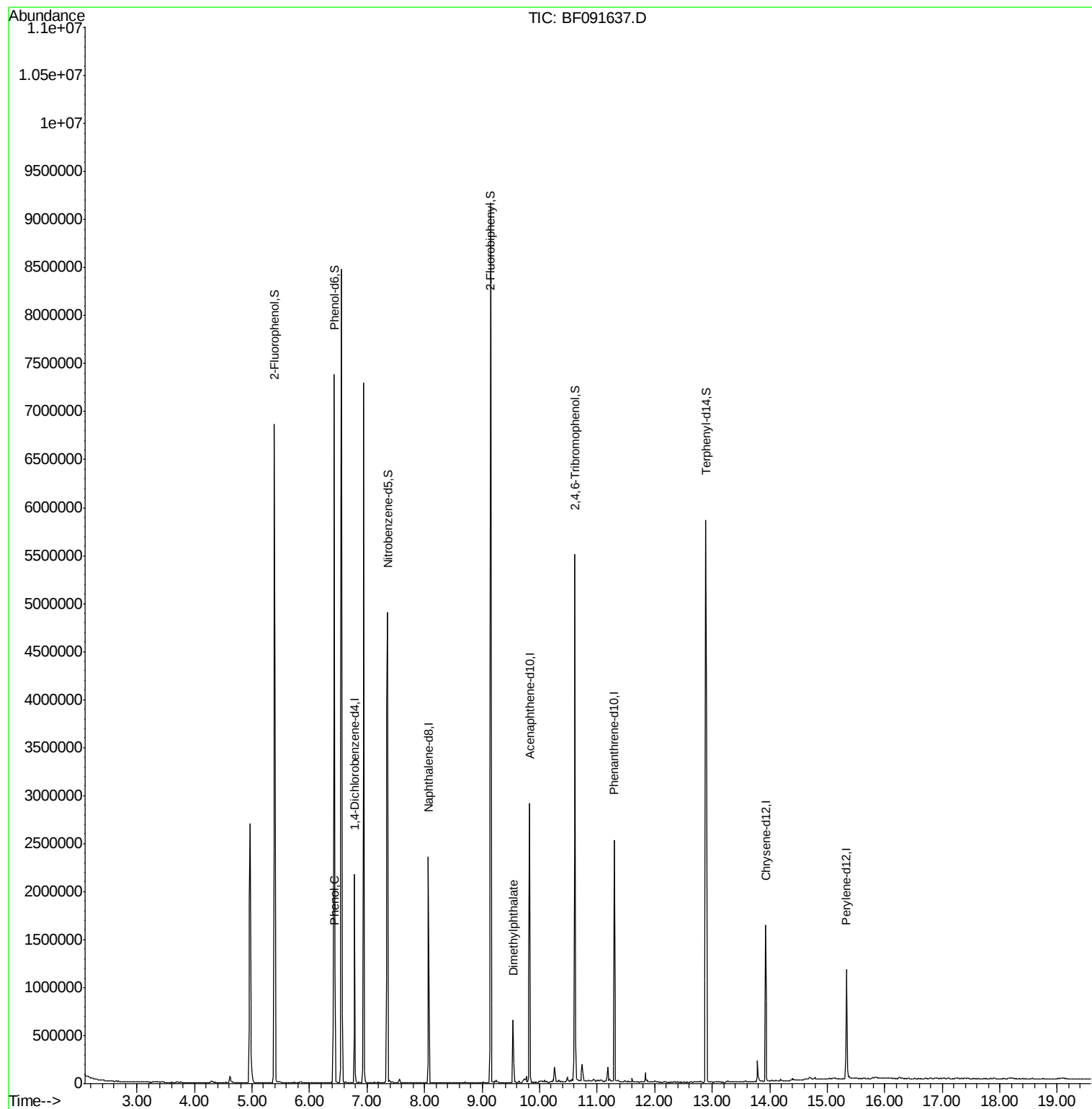
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	319155	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1235193	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	670901	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	955416	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	646672	20.00	ng	-0.01
86) Perylene-d12	15.33	264	613536	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2707143	142.90	ng	0.01
7) Phenol-d6	6.43	99	2995157	126.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	2407691	108.79	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	666593	119.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2941426	75.76	ng	0.00
78) Terphenyl-d14	12.89	244	2502518	87.81	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	144139	5.22	ng	82
49) Dimethylphthalate	9.54	163	273279	6.43	ng	98

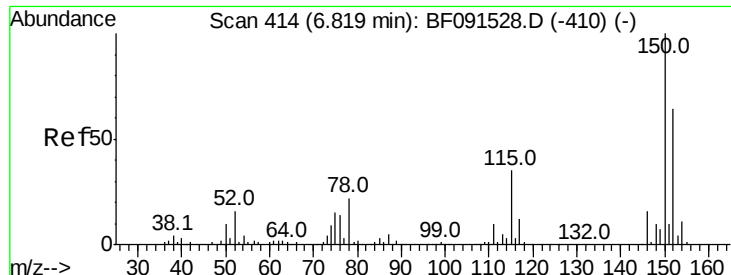
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-02

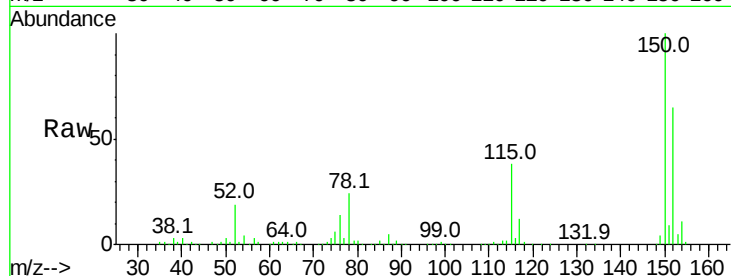
Tot Ion:152 Resp: 319155

Ion Ratio Lower Upper

152 100

150 153.6 122.5 183.7

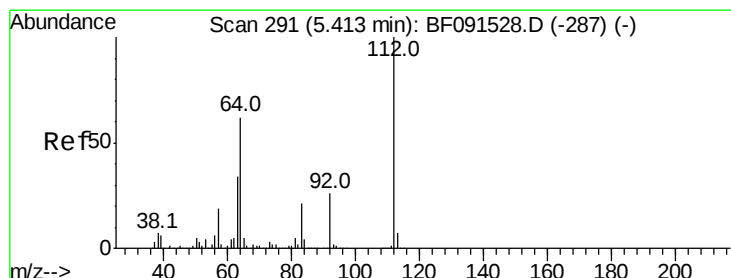
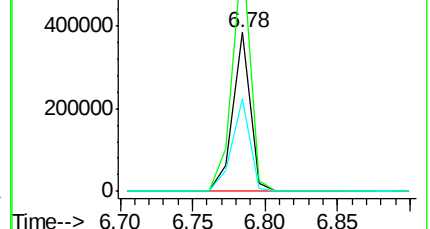
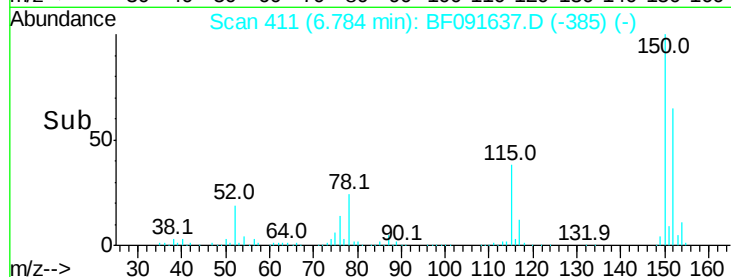
115 58.7 51.8 77.8



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: 142.90 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

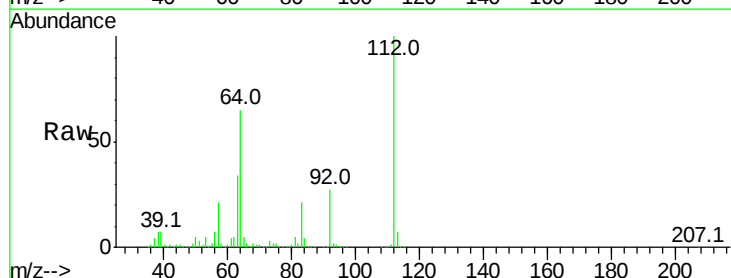
Tgt Ion:112 Resp: 2707143

Ion Ratio Lower Upper

112 100

64 65.5 61.5 92.3

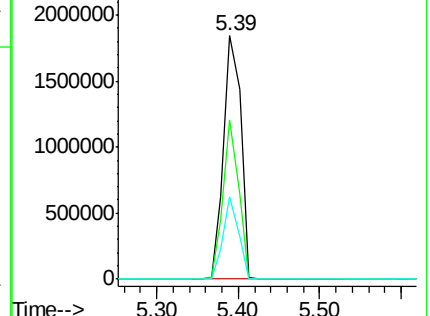
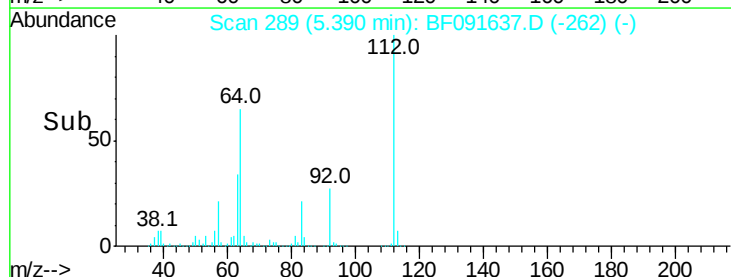
63 34.0 33.3 49.9

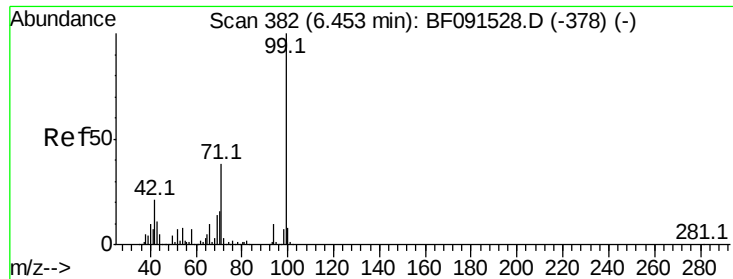


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.82 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

Instrument :

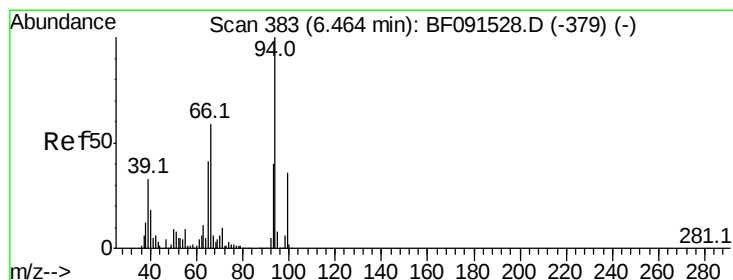
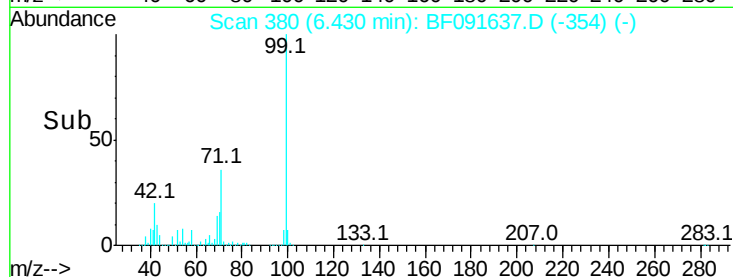
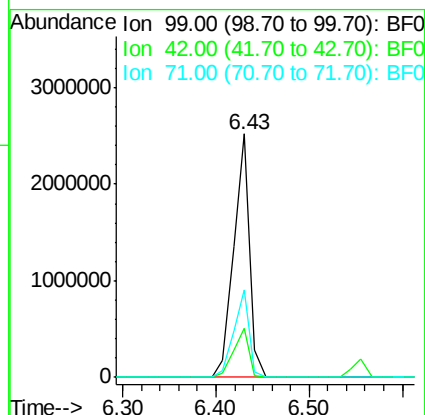
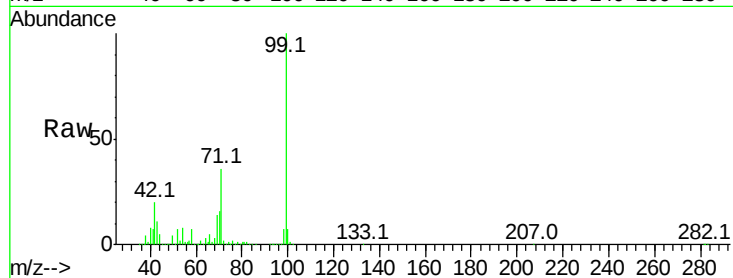
BNA_F

ClientSampleId :

IDW-SOIL-02

Tot Ion: 99 Resp: 2995157

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	35.7	29.9	44.9



#10

Phenol

Concen: 5.22 ng

RT: 6.44 min Scan# 381

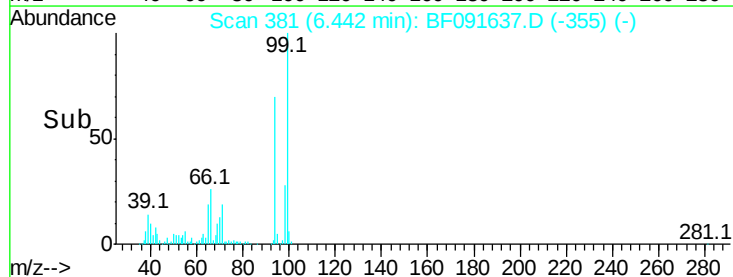
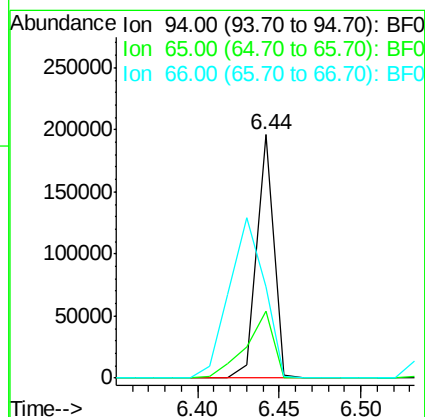
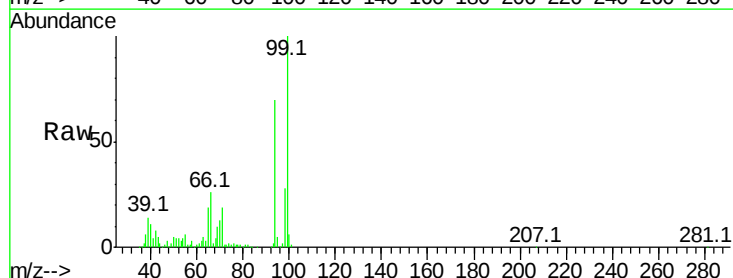
Delta R.T. 0.00 min

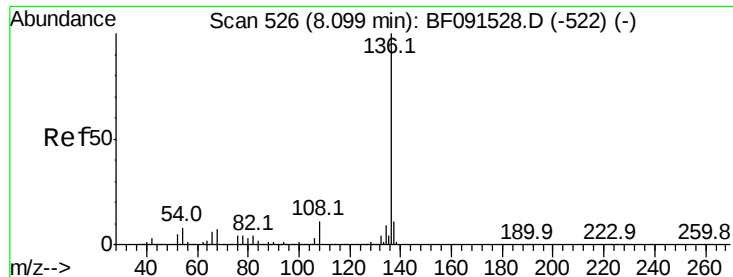
Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

Tgt Ion: 94 Resp: 144139

Ion	Ratio	Lower	Upper
94	100		
65	27.3	16.9	56.9
66	37.3	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: BF091637.D

Acq: 15 Dec 2016 19:19

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-02

Tot Ion:136 Resp: 1235193

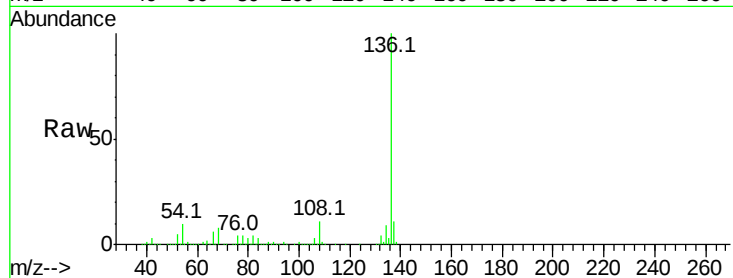
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.5 9.1 13.7

68 7.5 5.9 8.9

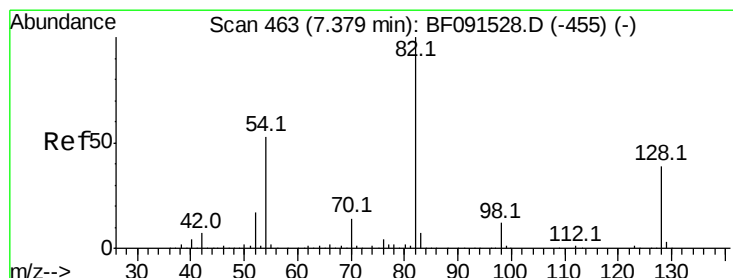
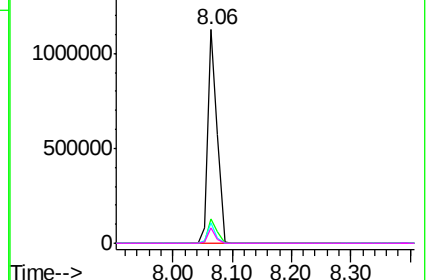
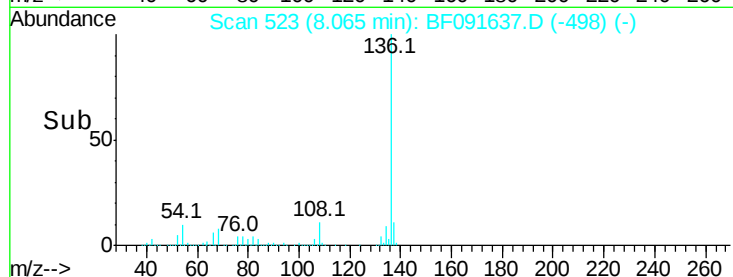


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.79 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

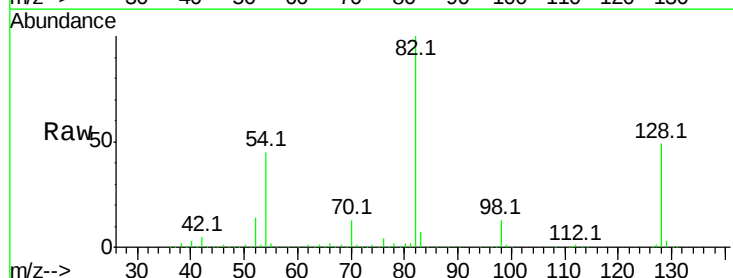
Tgt Ion: 82 Resp: 2407691

Ion Ratio Lower Upper

82 100

128 49.3 31.8 47.6#

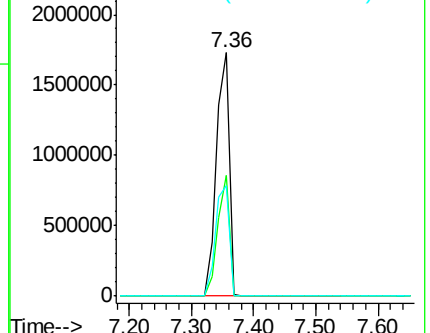
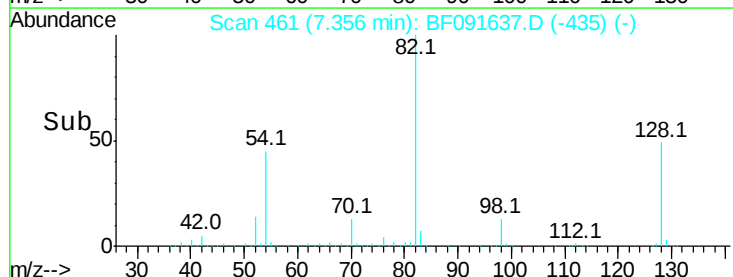
54 45.3 49.1 73.7#

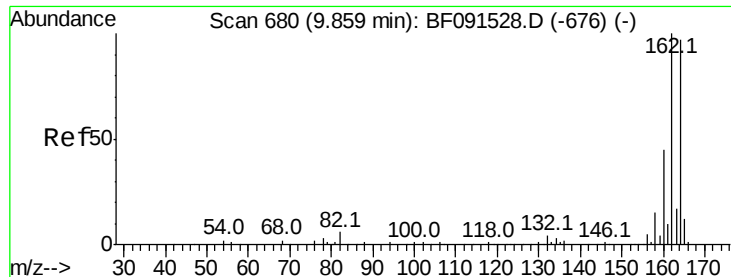


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

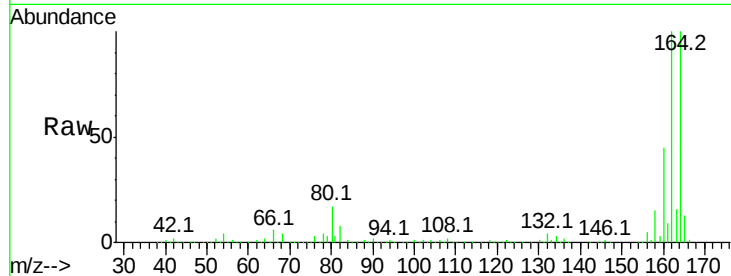




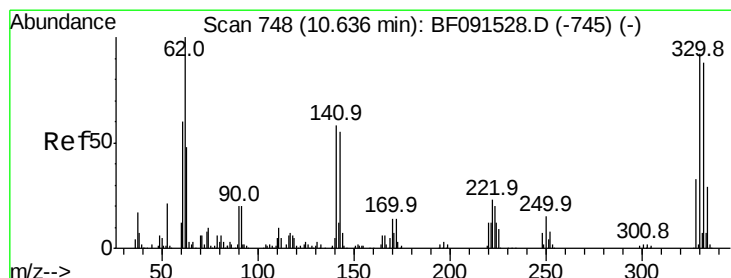
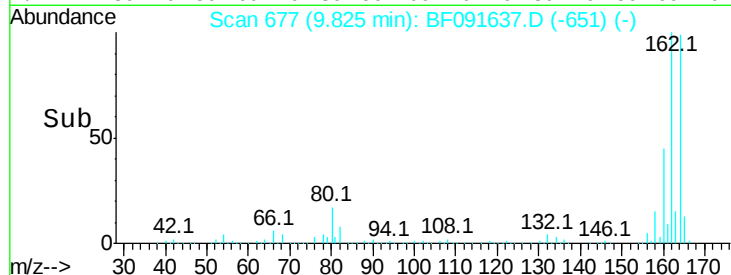
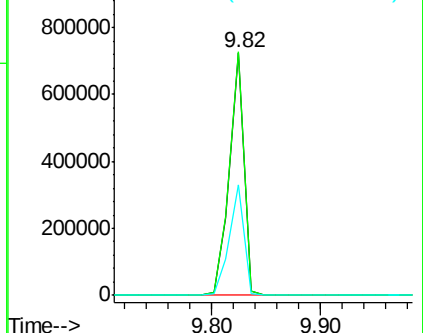
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091637.D
 Acq: 15 Dec 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-02

Tot Ion:164 Resp: 670901
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 124.0
 160 45.7 36.7 55.1

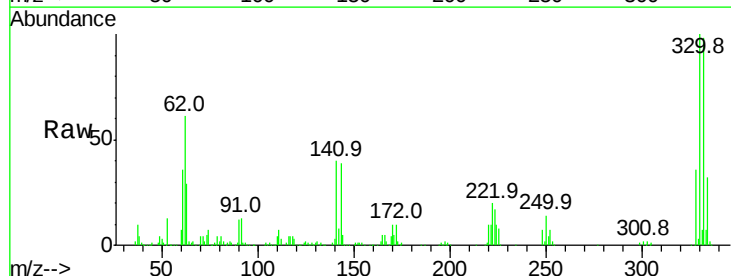


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

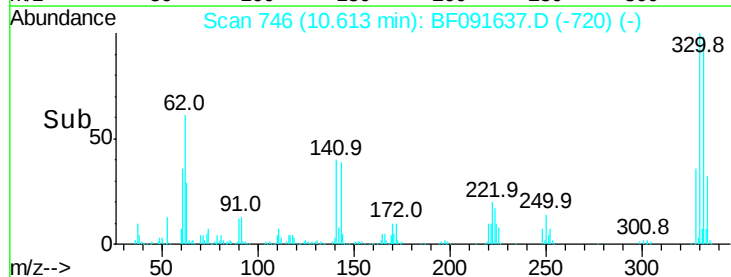
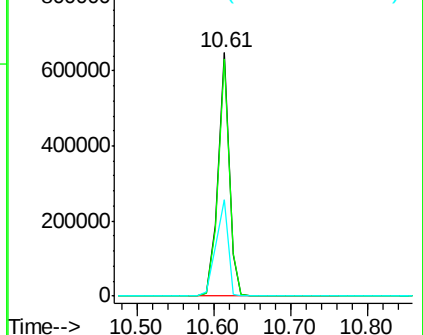


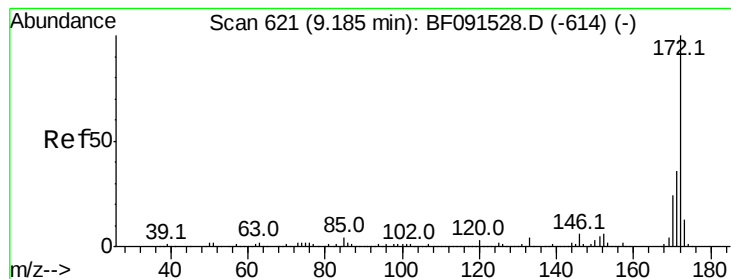
#41
 2,4,6-Tribromophenol
 Concen: 119.62 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091637.D
 Acq: 15 Dec 2016 19:19

Tgt Ion:330 Resp: 666593
 Ion Ratio Lower Upper
 330 100
 332 97.2 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: 75.76 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-02

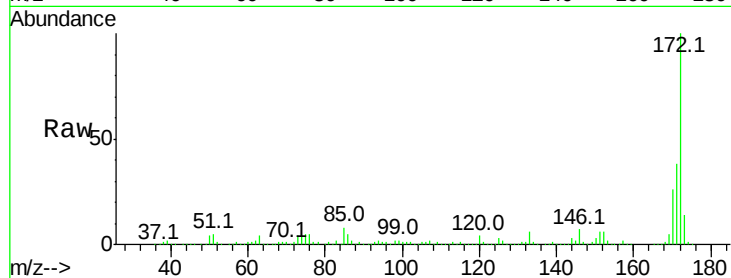
Tot Ion:172 Resp: 2941426

Ion Ratio Lower Upper

172 100

171 37.5 29.4 44.0

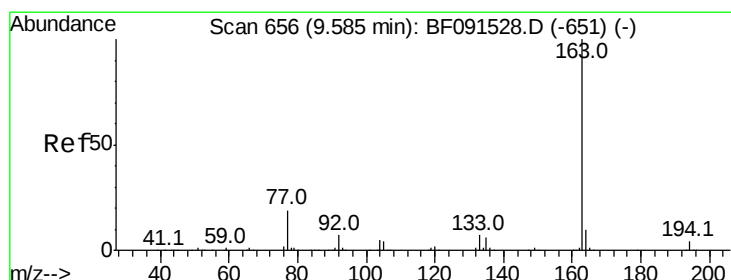
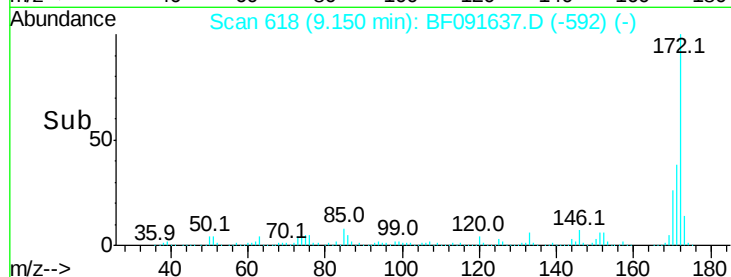
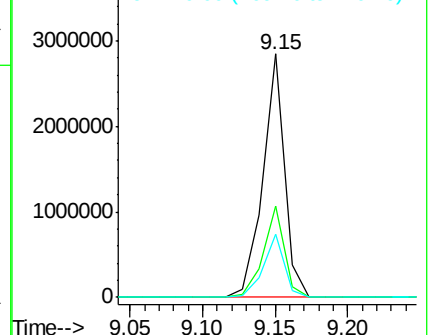
170 25.8 19.7 29.5



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: 6.43 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

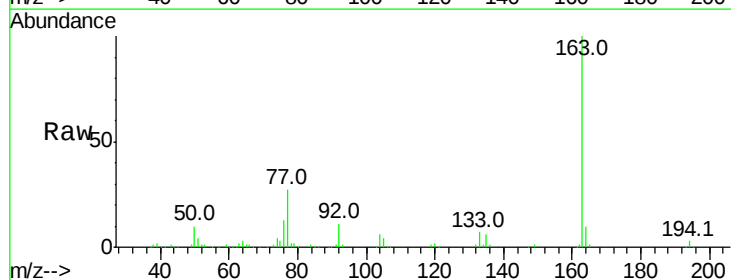
Tgt Ion:163 Resp: 273279

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

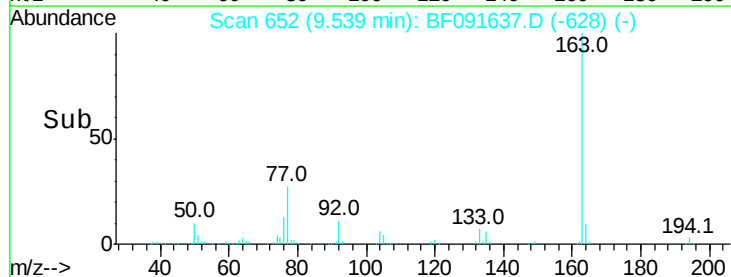
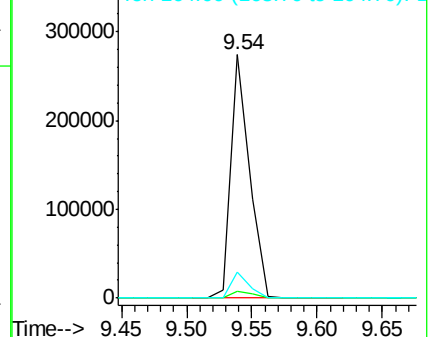
164 10.5 7.8 11.8

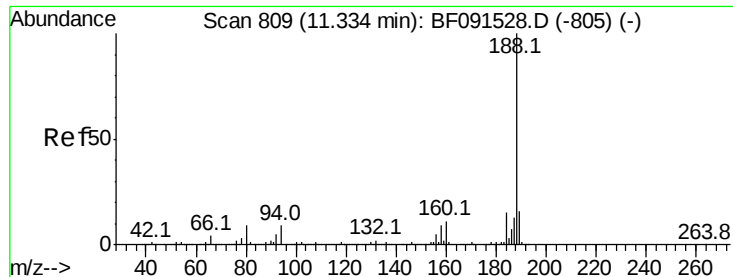


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

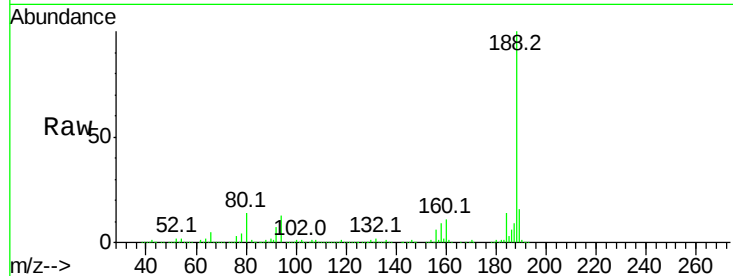




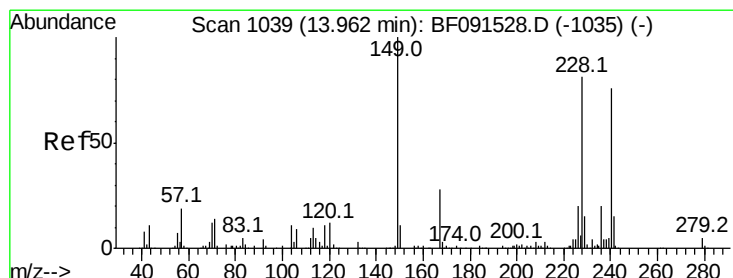
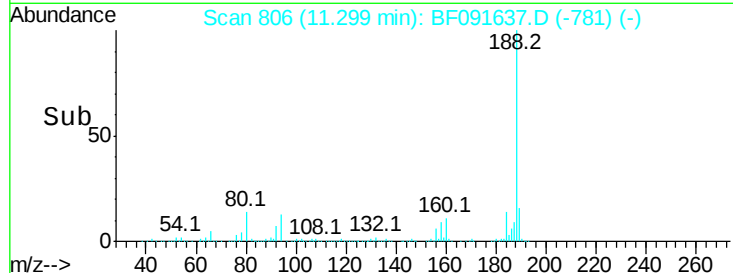
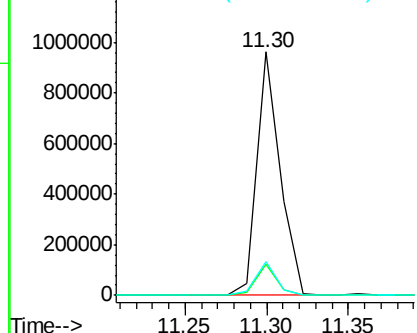
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091637.D
Acq: 15 Dec 2016 19:19

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-02

Tot Ion:188 Resp: 955416
Ion Ratio Lower Upper
188 100
94 12.7 9.2 13.8
80 13.8 10.5 15.7

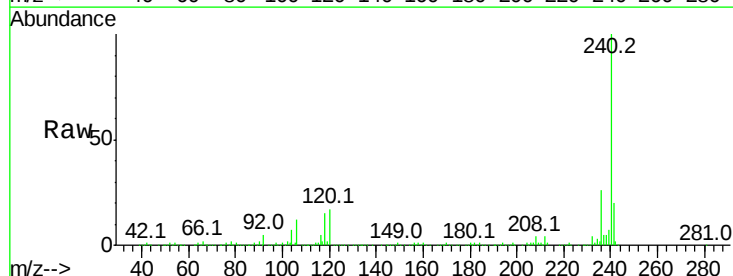


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

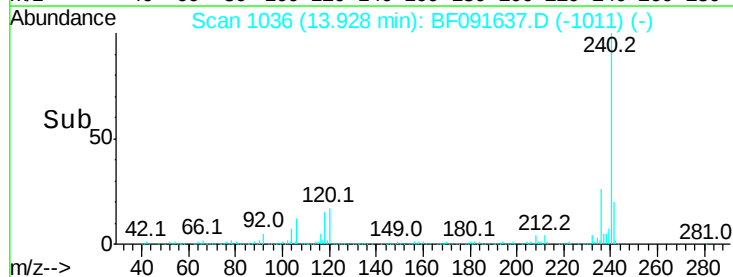
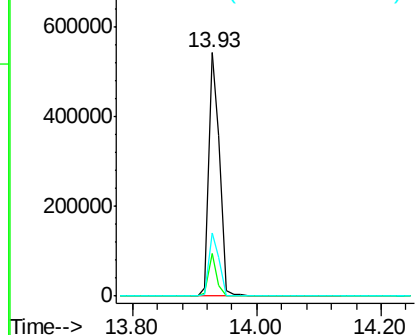


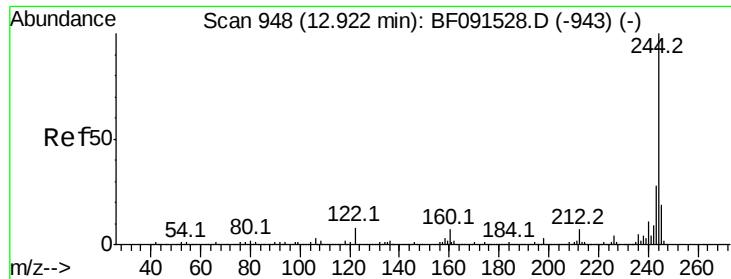
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091637.D
Acq: 15 Dec 2016 19:19

Tgt Ion:240 Resp: 646672
Ion Ratio Lower Upper
240 100
120 17.4 12.1 18.1
236 25.8 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: 87.81 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-02

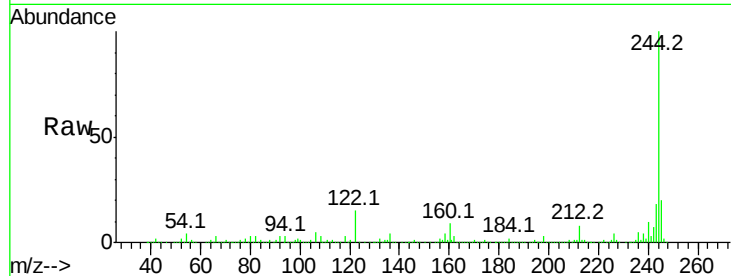
Tot Ion:244 Resp: 2502518

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

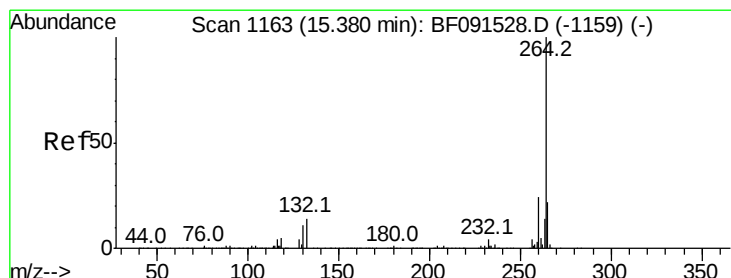
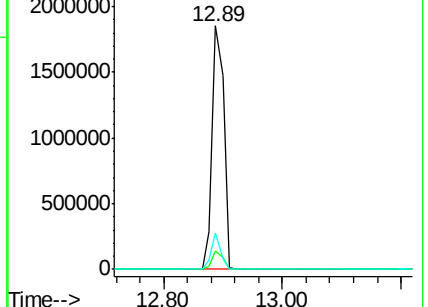
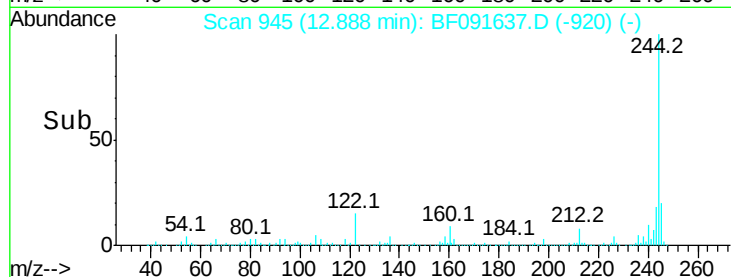
122 15.0 9.5 14.3#



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: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091637.D

Acq: 15 Dec 2016 19:19

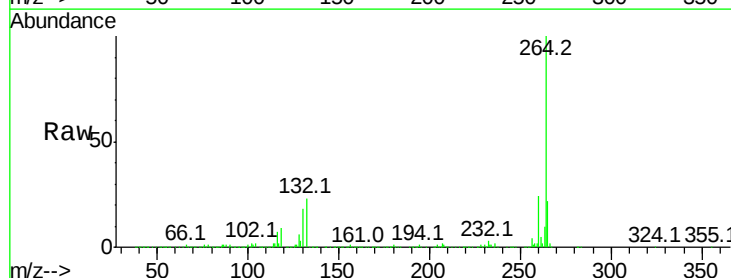
Tgt Ion:264 Resp: 613536

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.1 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

