

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091555.D
 Acq On : 13 Dec 2016 15:50
 Operator : UM/SJ
 Sample : H5943-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Dec 14 00:50:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

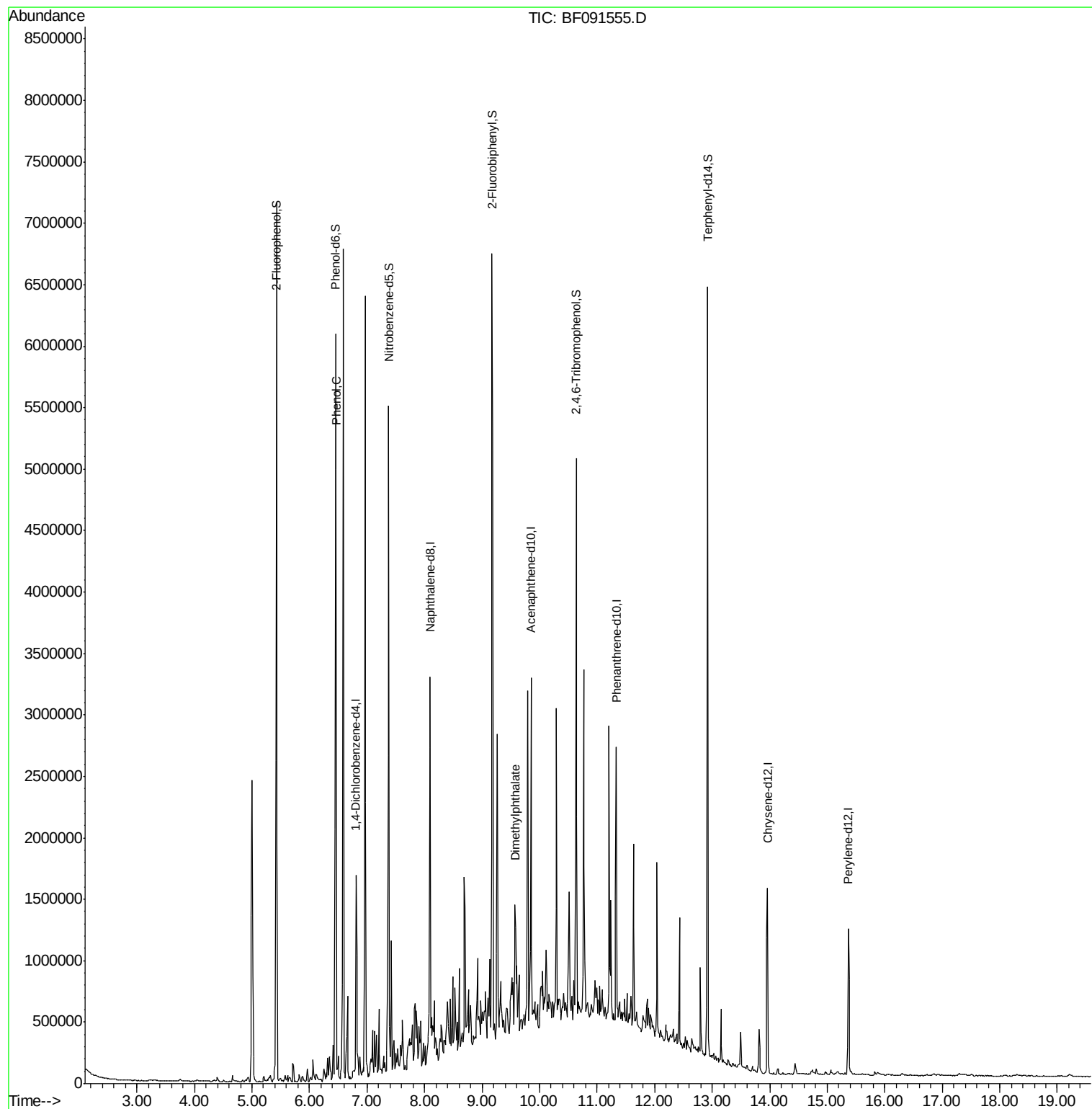
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	296878	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1204594	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	571190	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	945483	20.00	ng	0.00
75) Chrysene-d12	13.96	240	691267	20.00	ng	0.00
86) Perylene-d12	15.37	264	578327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2313651	131.30	ng	0.01
7) Phenol-d6	6.45	99	3195990	145.48	ng	0.00
23) Nitrobenzene-d5	7.38	82	1987901	92.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	659339	138.98	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	3082668	93.25	ng	-0.01
78) Terphenyl-d14	12.92	244	2536854	83.28	ng	0.00
Target Compounds						
10) Phenol	6.46	94	51480	2.00	ng	# 1
49) Dimethylphthalate	9.57	163	251604	6.96	ng	# 98

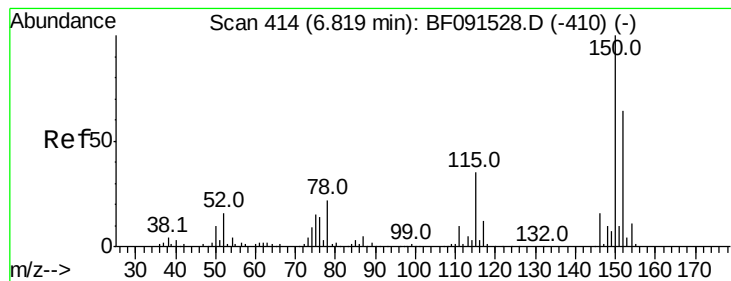
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2

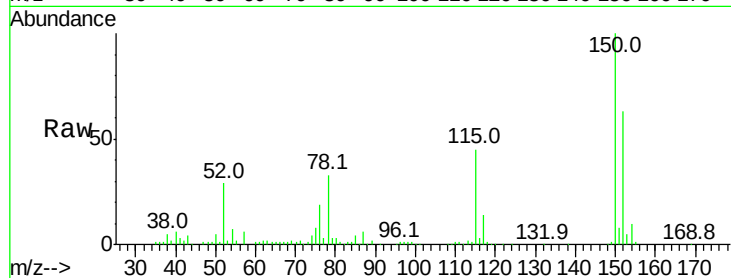
Tot Ion:152 Resp: 296878

Ion Ratio Lower Upper

152 100

150 158.3 122.5 183.7

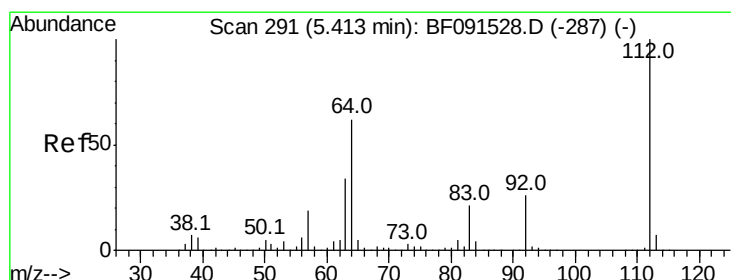
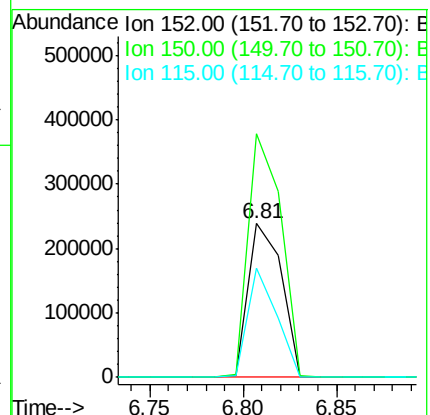
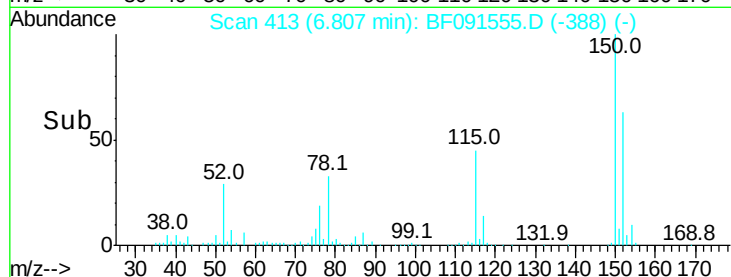
115 71.0 51.8 77.8



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: 131.30 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

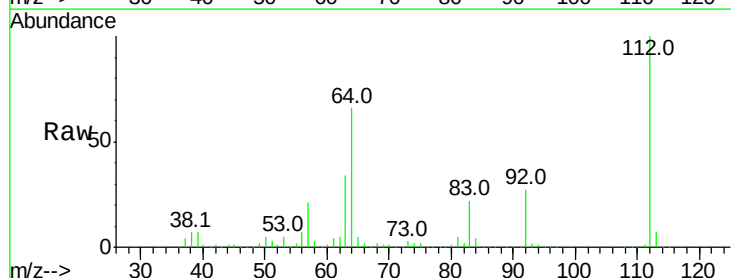
Tgt Ion:112 Resp: 2313651

Ion Ratio Lower Upper

112 100

64 65.5 61.5 92.3

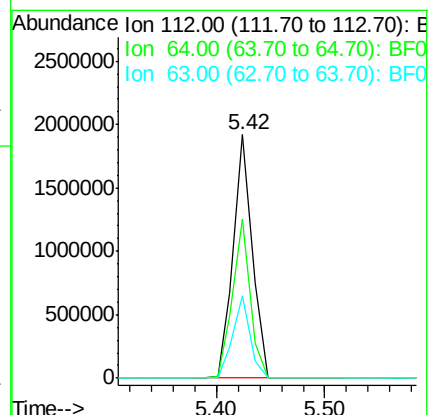
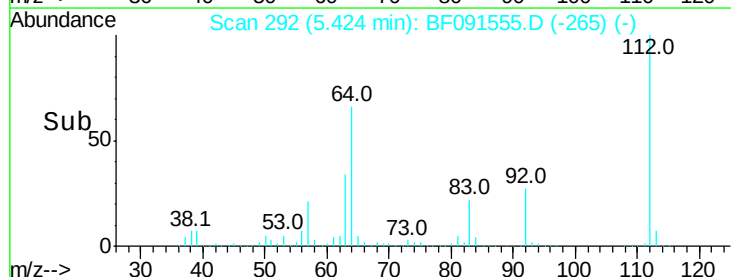
63 34.1 33.3 49.9

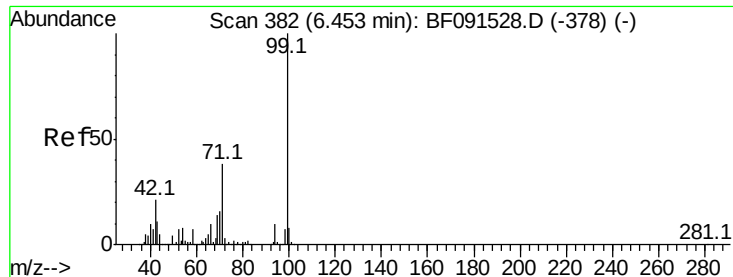


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.48 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

Instrument :

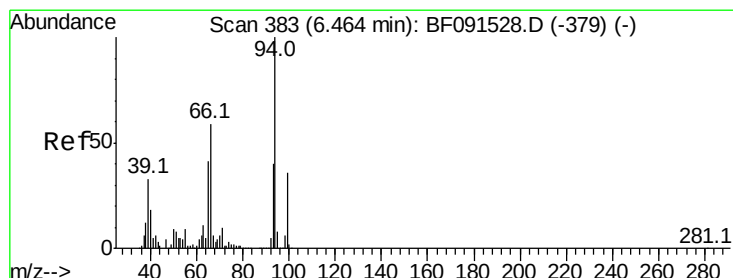
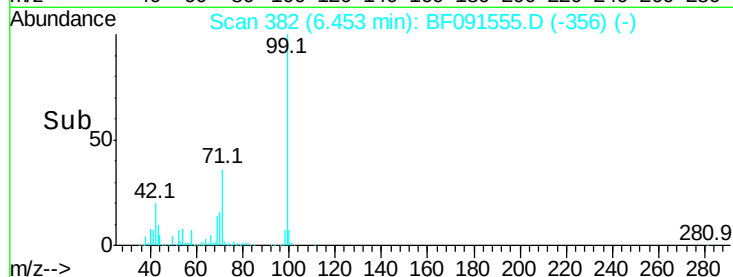
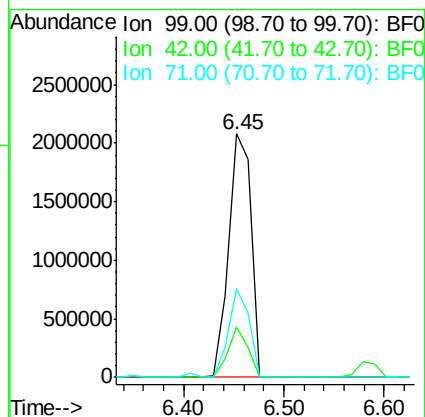
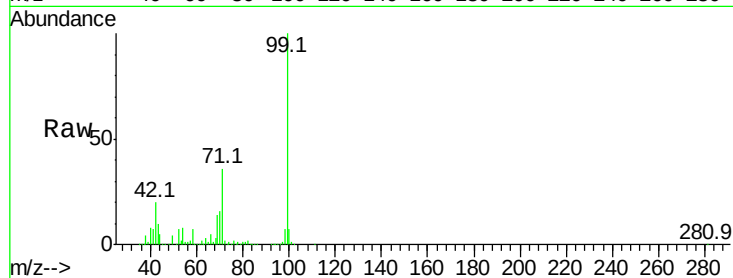
BNA_F

ClientSampled :

MW-2

Tot Ion: 99 Resp: 3195990

Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.6	31.0#
71	36.4	29.9	44.9



#10

Phenol

Concen: 2.00 ng

RT: 6.46 min Scan# 383

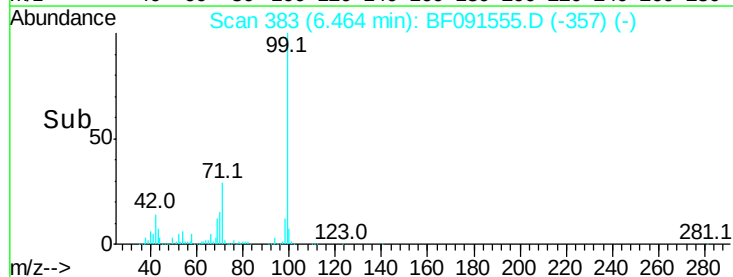
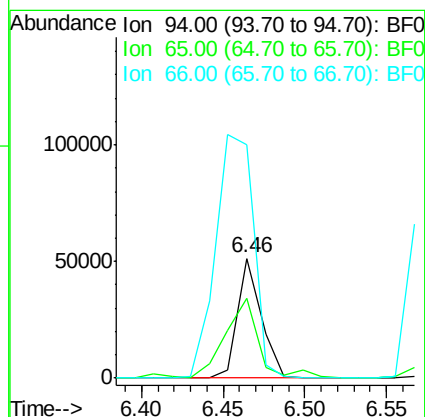
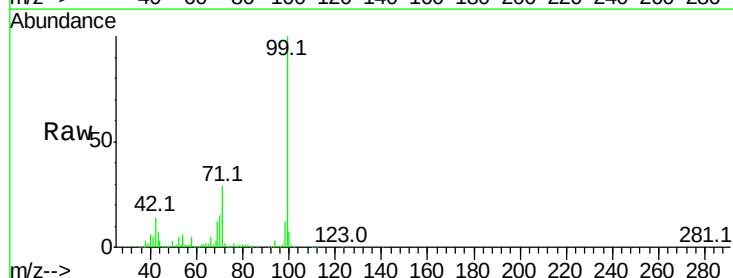
Delta R.T. -0.00 min

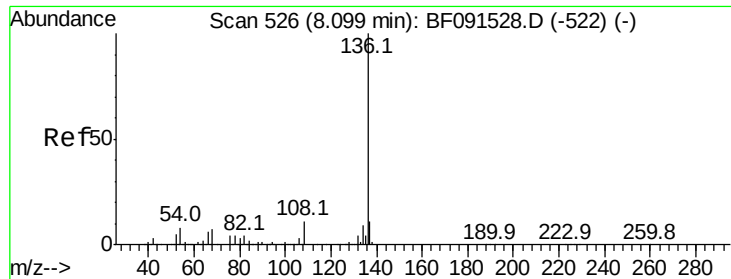
Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

Tgt Ion: 94 Resp: 51480

Ion	Ratio	Lower	Upper
94	100		
65	66.6	16.9	56.9#
66	194.0	30.6	70.6#

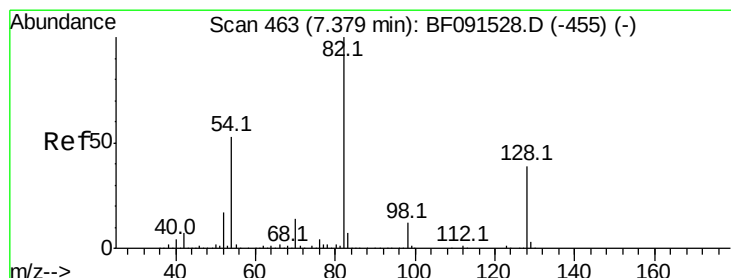
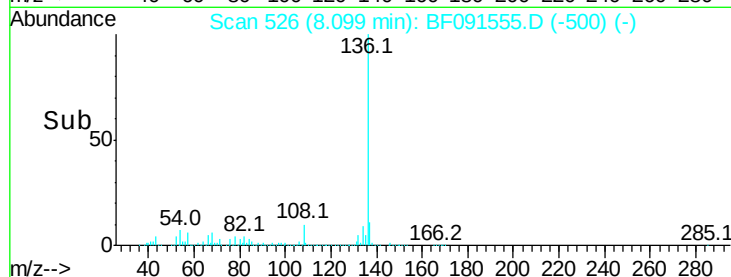
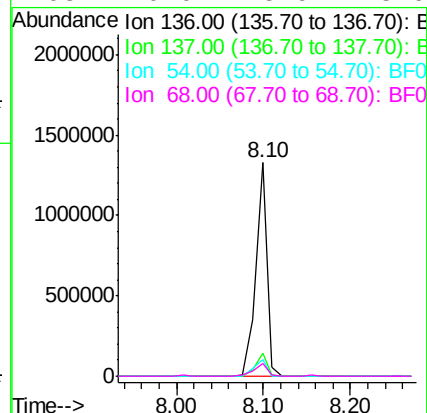
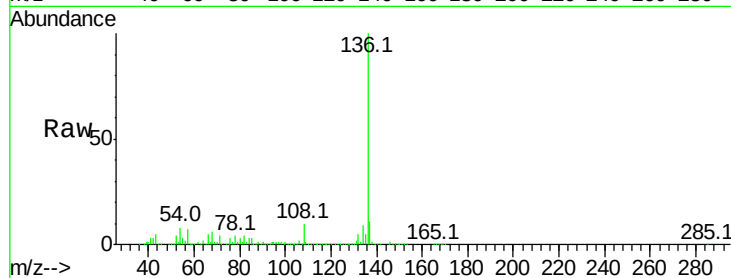




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091555.D
Acq: 13 Dec 2016 15:50

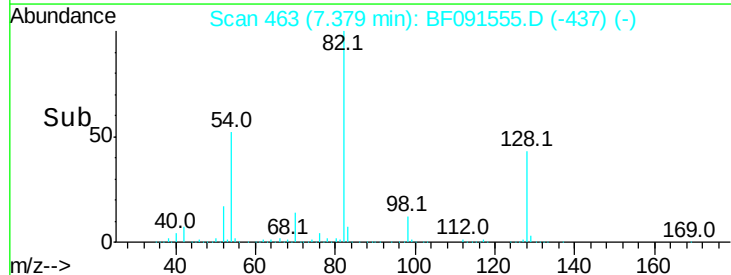
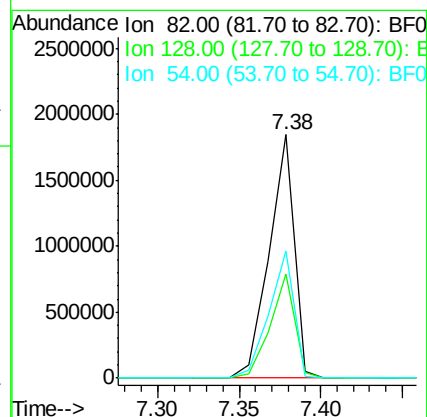
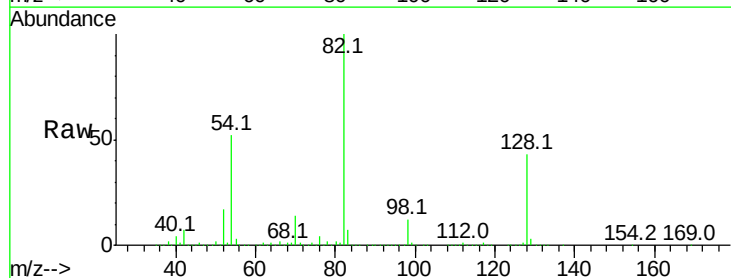
Instrument :
BNA_F
ClientSampleId :
MW-2

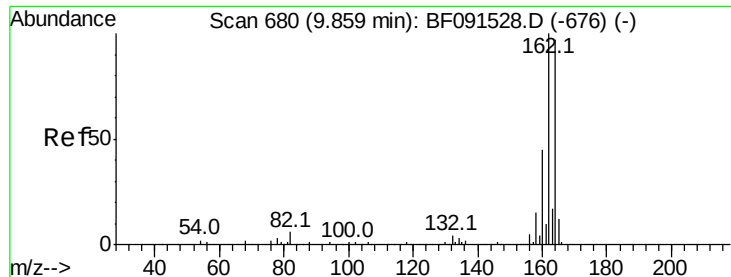
Tot Ion:136	Resp: 1204594
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.5	9.1 13.7#
68 6.0	5.9 8.9



#23
Nitrobenzene-d5
Concen: 92.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091555.D
Acq: 13 Dec 2016 15:50

Tgt Ion: 82	Resp: 1987901
Ion Ratio	Lower Upper
82 100	
128 42.7	31.8 47.6
54 52.0	49.1 73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2

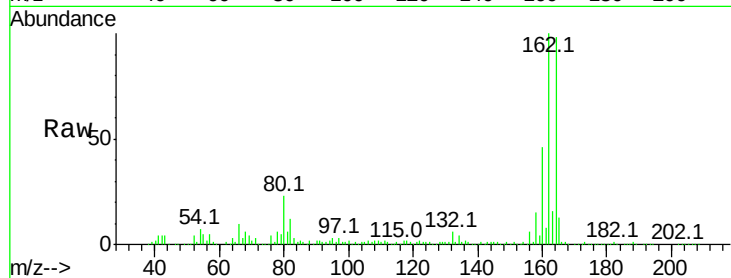
Tot Ion:164 Resp: 571190

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

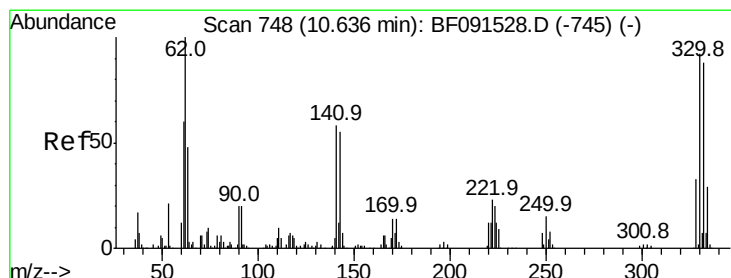
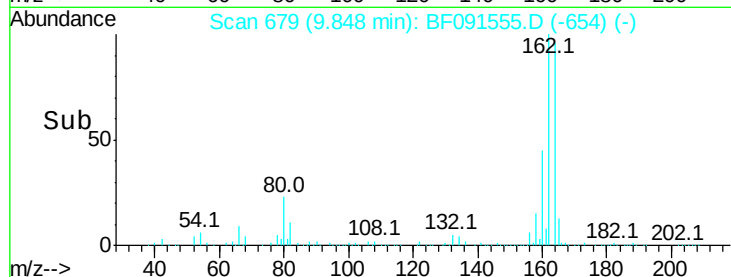
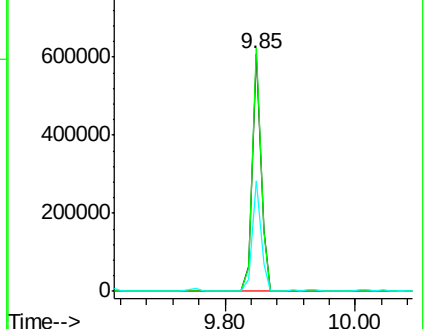
160 46.7 36.7 55.1



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: 138.98 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

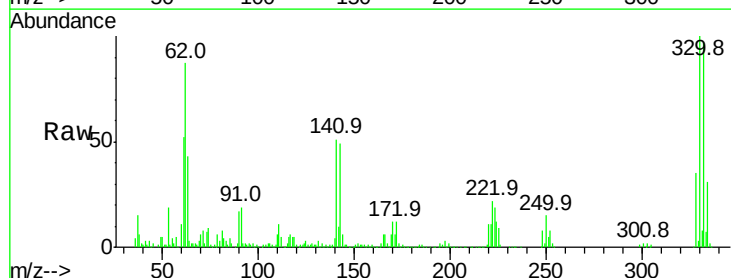
Tgt Ion:330 Resp: 659339

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

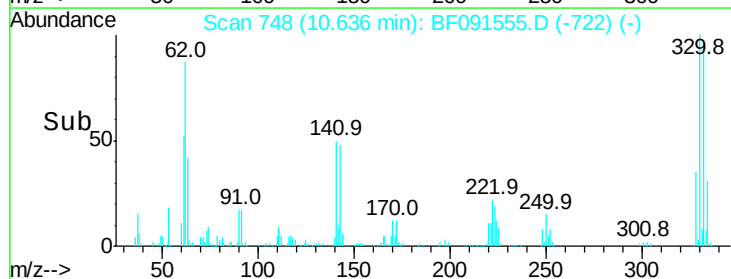
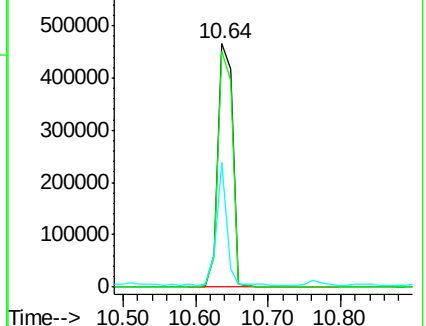
141 36.1 33.6 50.4

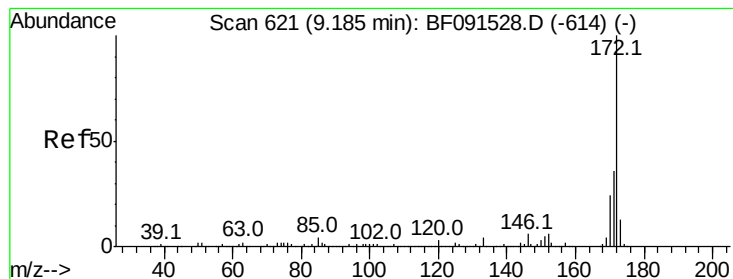


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

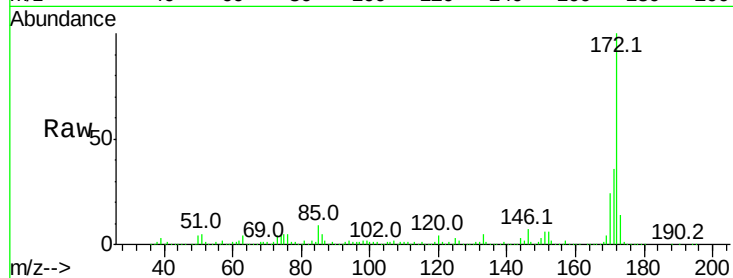




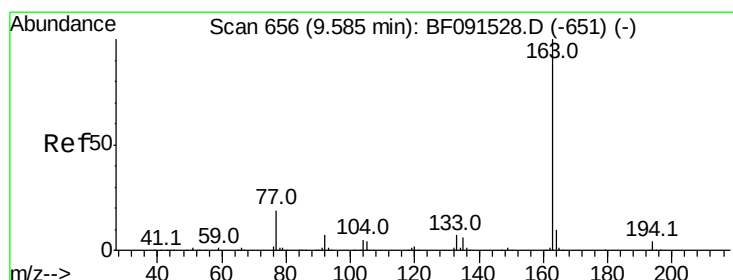
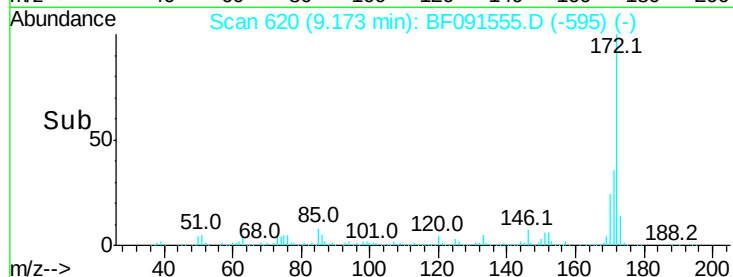
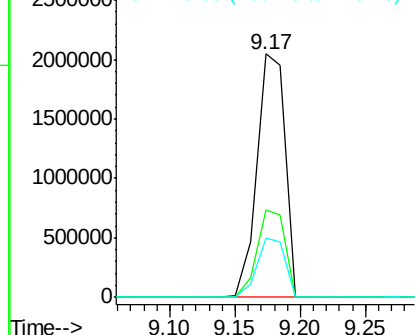
#44
2-Fluorobiphenyl
Concen: 93.25 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091555.D
Acq: 13 Dec 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:172 Resp: 3082668
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.3 19.7 29.5

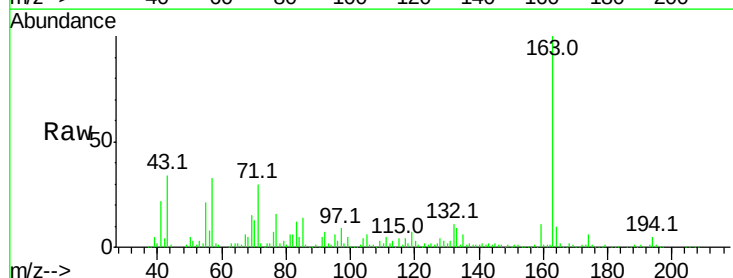


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

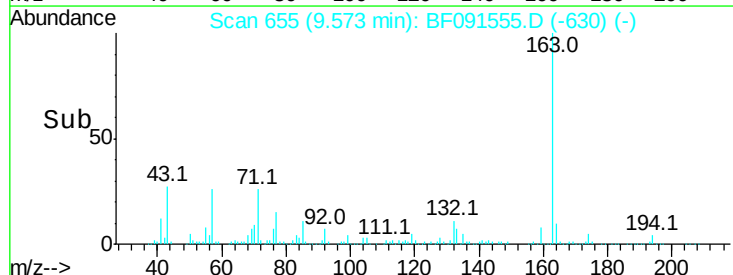
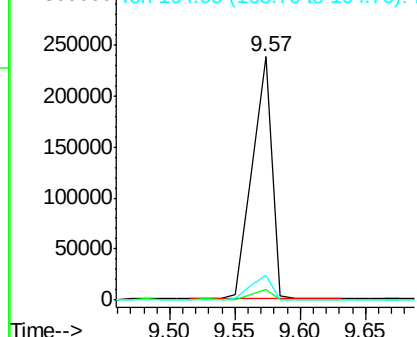


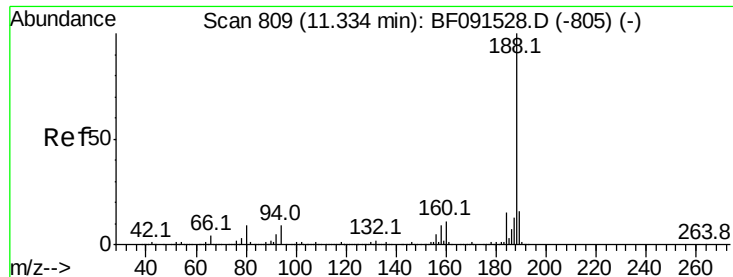
#49
Dimethylphthalate
Concen: 6.96 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091555.D
Acq: 13 Dec 2016 15:50

Tgt Ion:163 Resp: 251604
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.3 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

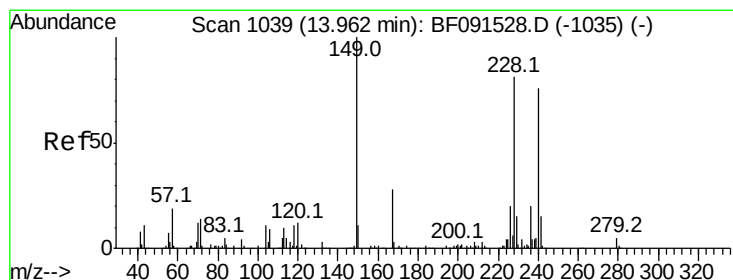
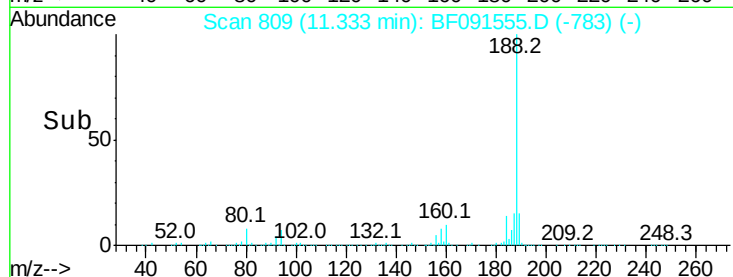
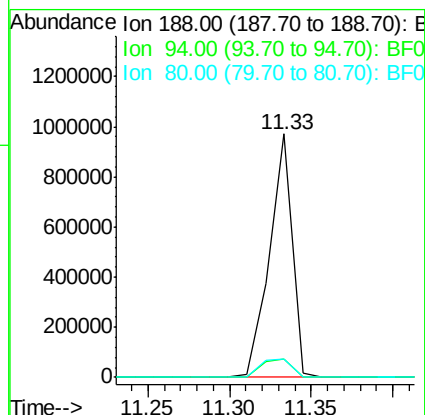
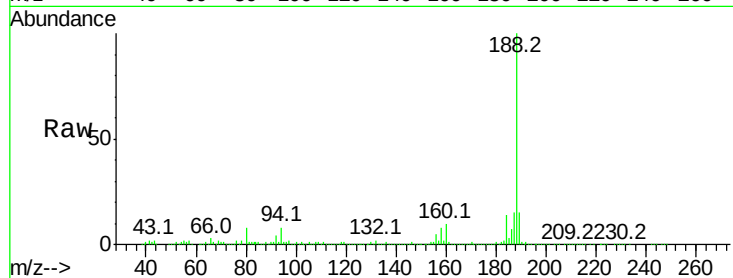




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091555.D
Acq: 13 Dec 2016 15:50

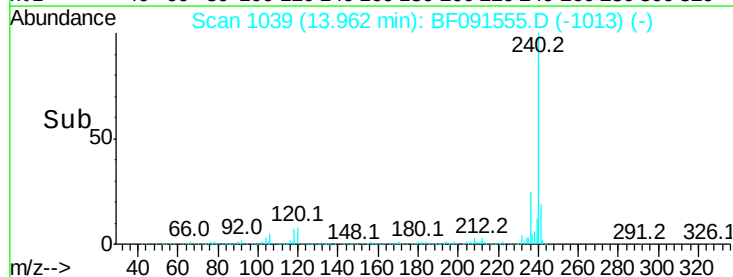
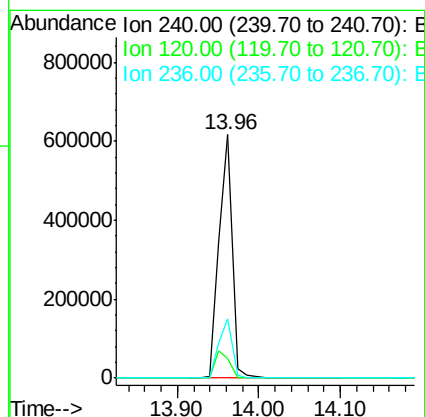
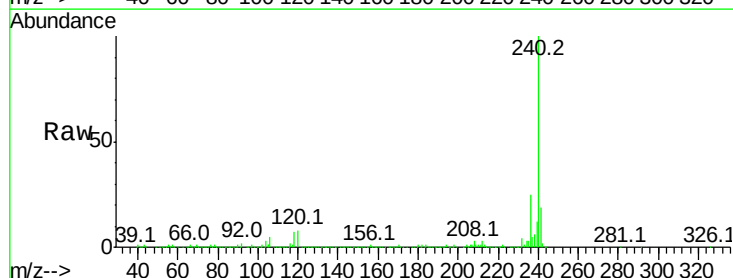
Instrument :
BNA_F
ClientSampleId :
MW-2

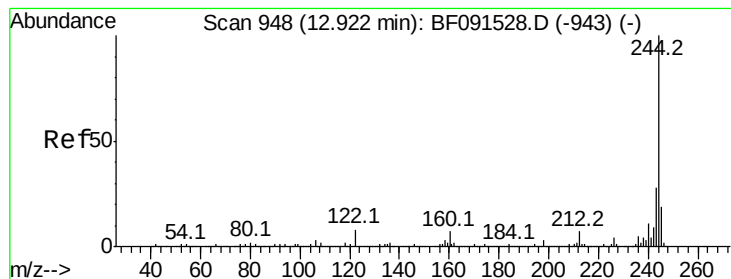
Tot Ion:188 Resp: 945483
Ion Ratio Lower Upper
188 100
94 7.6 9.2 13.8#
80 7.8 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091555.D
Acq: 13 Dec 2016 15:50

Tgt Ion:240 Resp: 691267
Ion Ratio Lower Upper
240 100
120 7.9 12.1 18.1#
236 24.6 21.0 31.6





#78

Terphenyl-d14

Concen: 83.28 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2

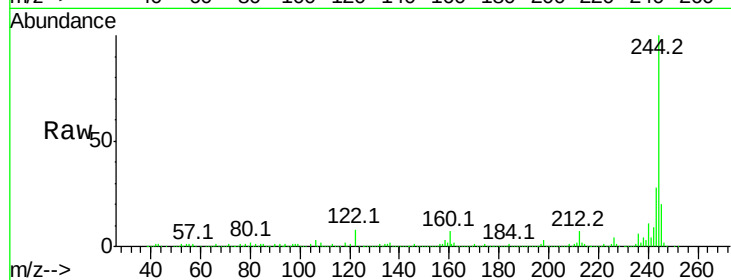
Tot Ion:244 Resp: 2536854

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

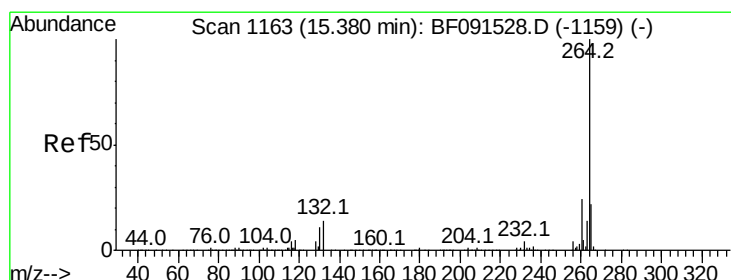
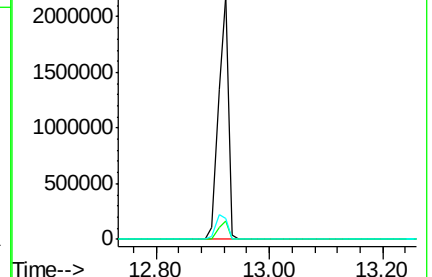
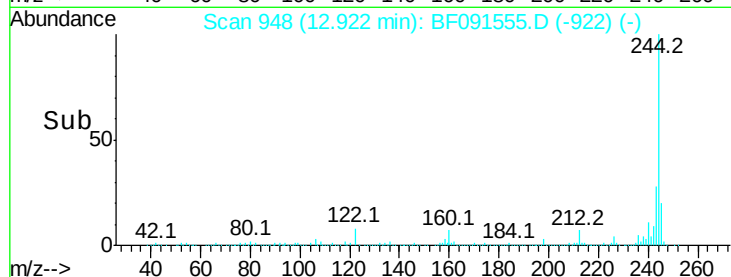
122 8.4 9.5 14.3#



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF091555.D

Acq: 13 Dec 2016 15:50

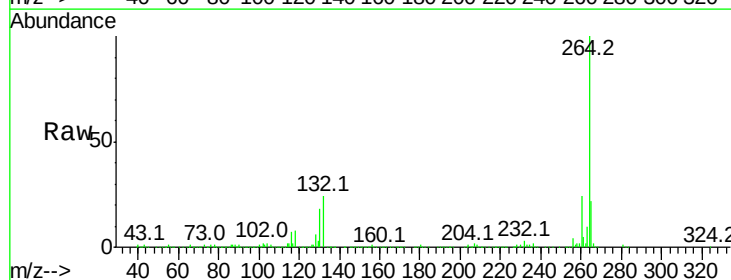
Tgt Ion:264 Resp: 578327

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.2 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

