

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091794.D
 Acq On : 20 Dec 2016 00:59
 Operator : UM/SJ
 Sample : H6126-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Dec 20 03:31:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

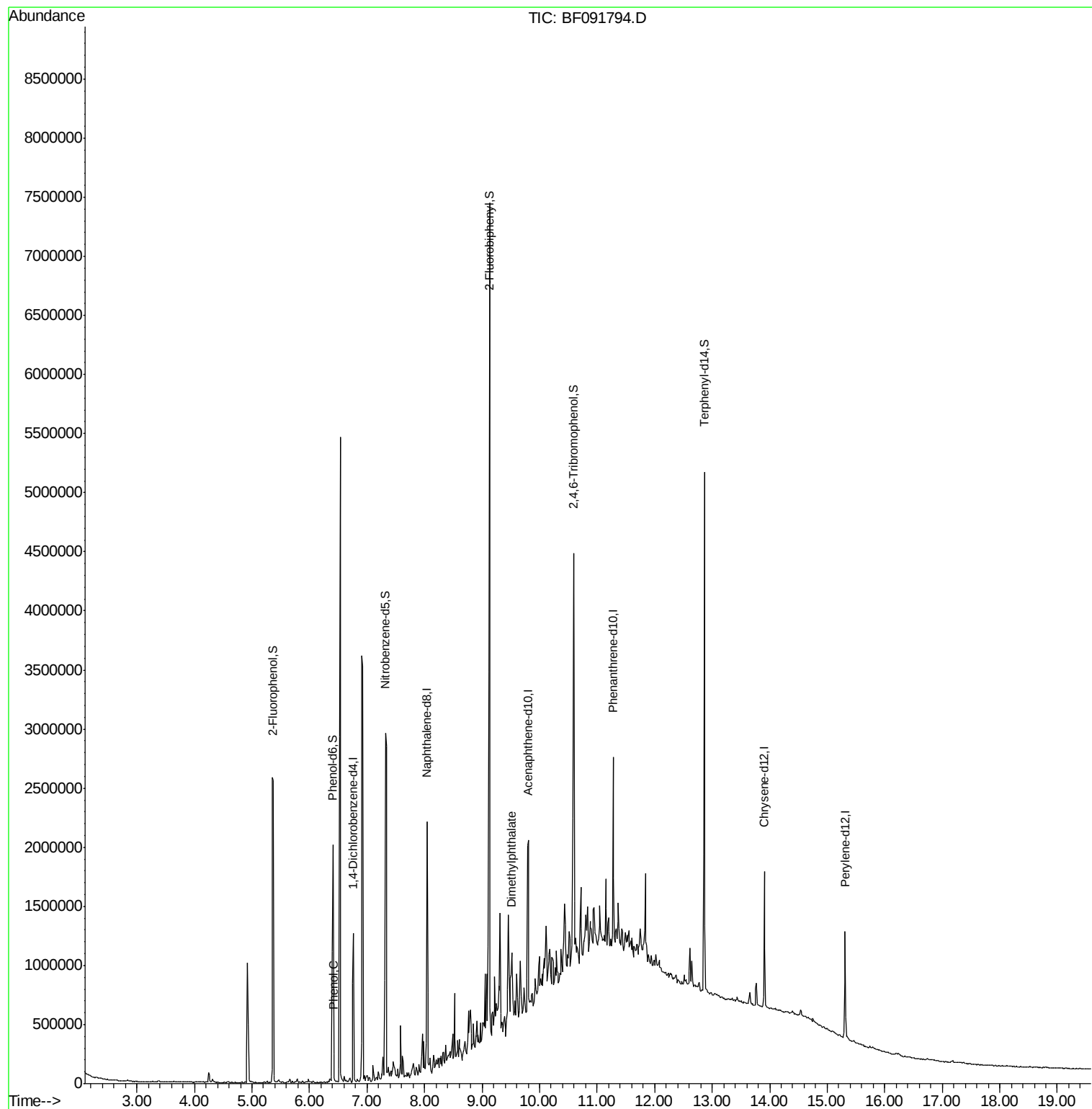
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	242878	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	938671	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	468976	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	660447	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	456206	20.00	ng	-0.02
86) Perylene-d12	15.31	264	429872	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1100351	75.90	ng	0.00
7) Phenol-d6	6.41	99	821504	46.46	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1632812	100.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	462864	116.39	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2345252	100.47	ng	-0.01
78) Terphenyl-d14	12.87	244	1418021	78.48	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	41452	2.08	ng	Qvalue # 69
49) Dimethylphthalate	9.52	163	221651	7.24	ng	97

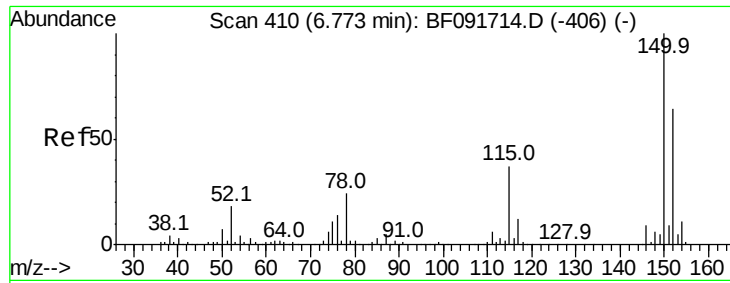
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

MW-27

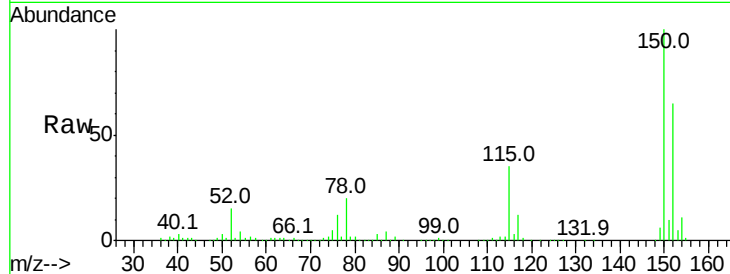
Tot Ion:152 Resp: 242878

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

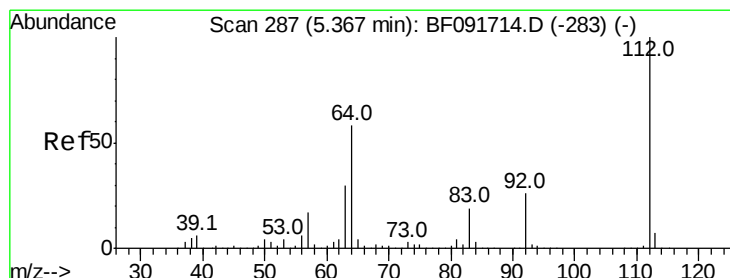
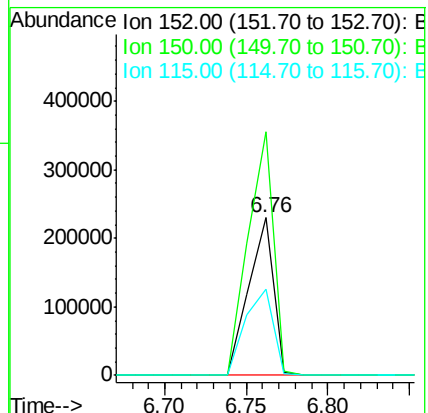
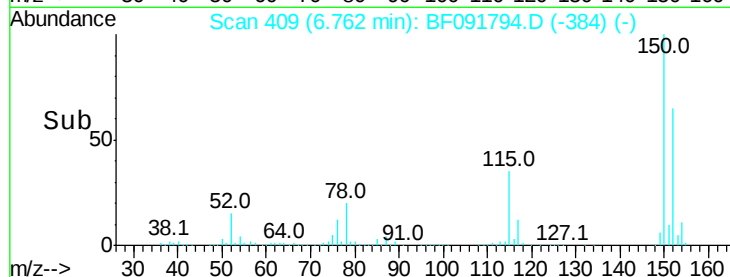
115 54.7 46.0 69.0



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: 75.90 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

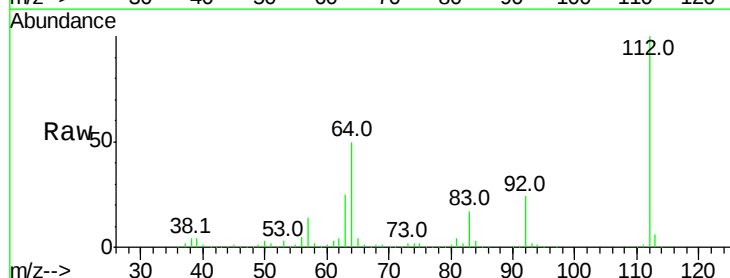
Tgt Ion:112 Resp: 1100351

Ion Ratio Lower Upper

112 100

64 49.9 46.1 69.1

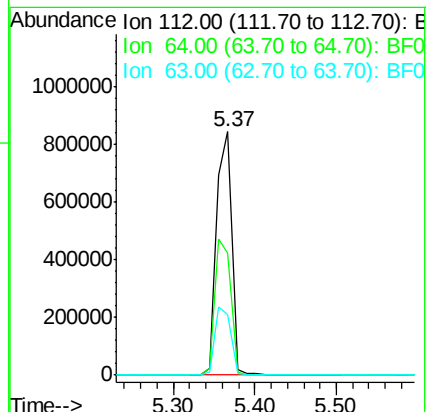
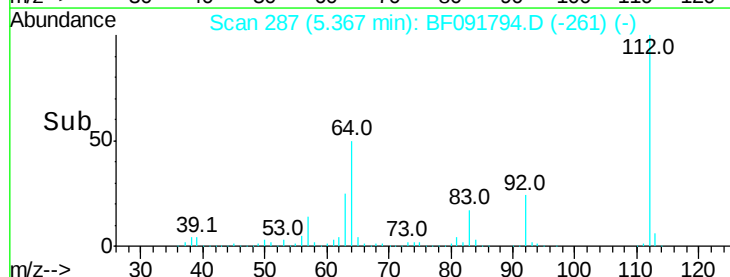
63 24.8 23.8 35.6

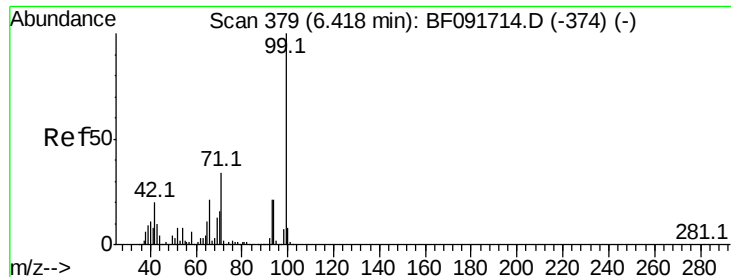


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.46 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

MW-27

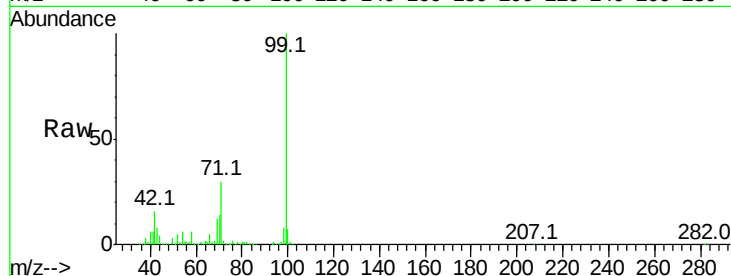
Tot Ion: 99 Resp: 821504

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

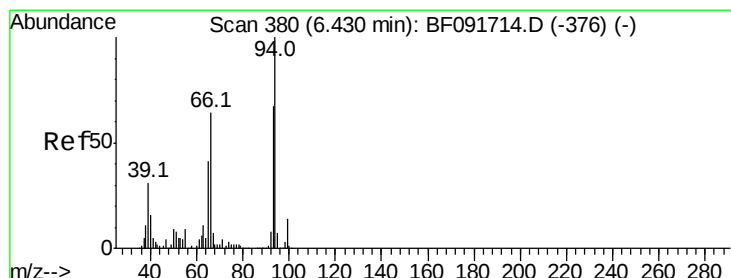
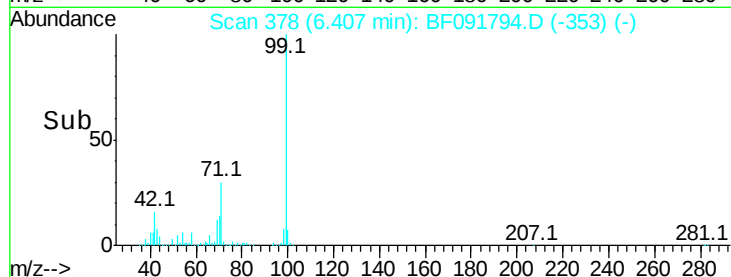
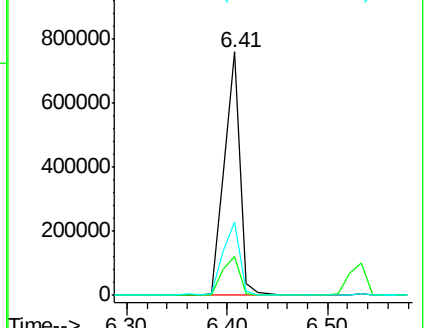
71 30.2 27.5 41.3



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



#10

Phenol

Concen: 2.08 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

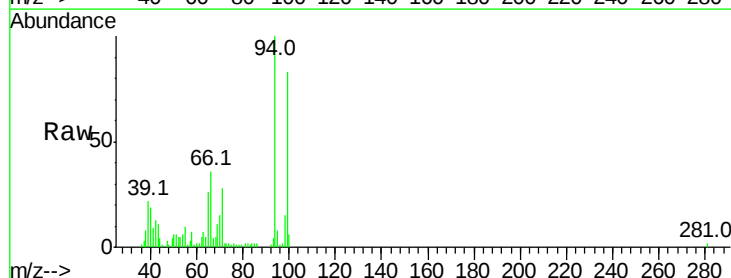
Tgt Ion: 94 Resp: 41452

Ion Ratio Lower Upper

94 100

65 26.0 21.4 61.4

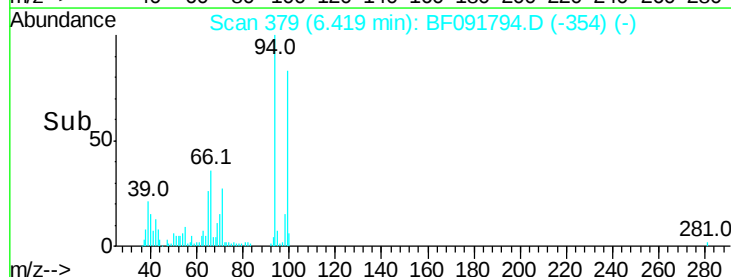
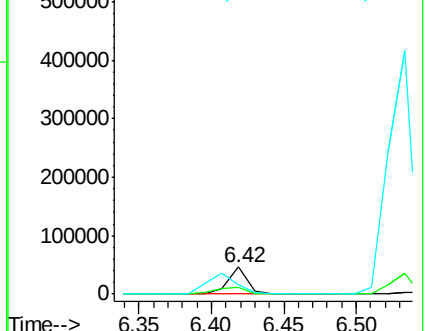
66 36.4 44.0 84.0#

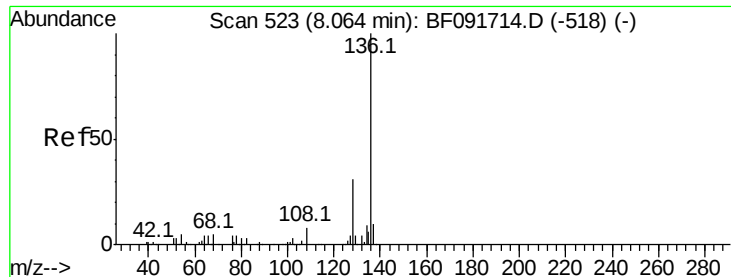


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

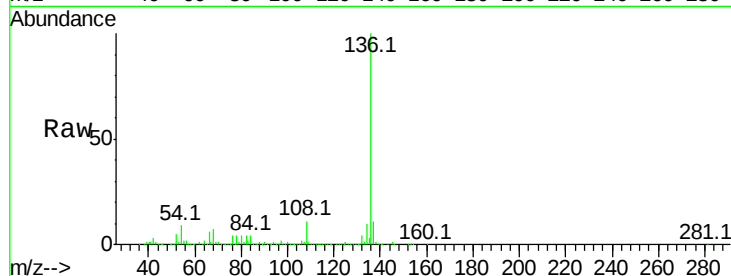




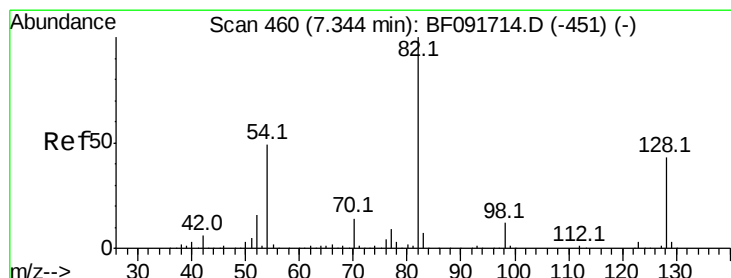
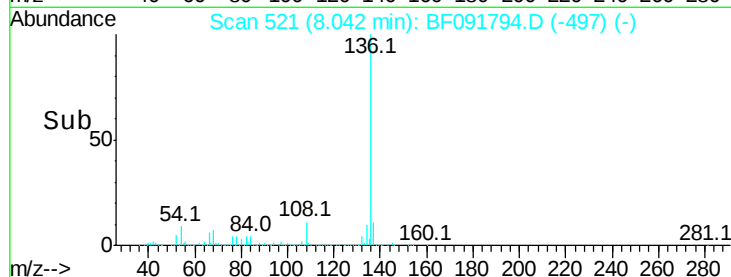
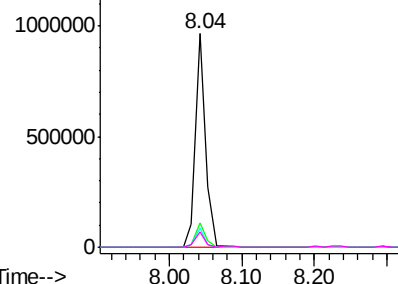
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091794.D
Acq: 20 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-27

Tot Ion:136	Resp: 938671
Ion Ratio	Lower Upper
136 100	
137 11.4	8.4 12.6
54 9.2	4.5 6.7#
68 7.3	3.6 5.4#

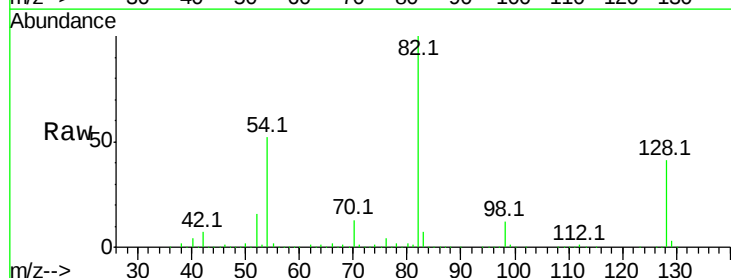


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

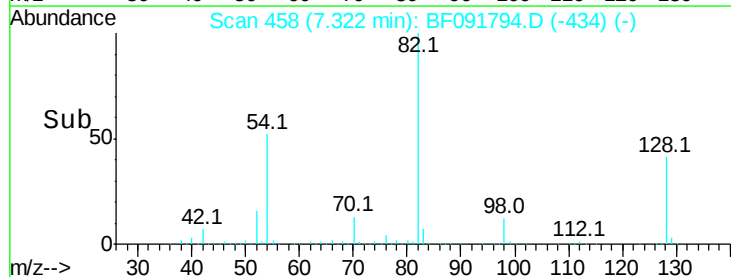
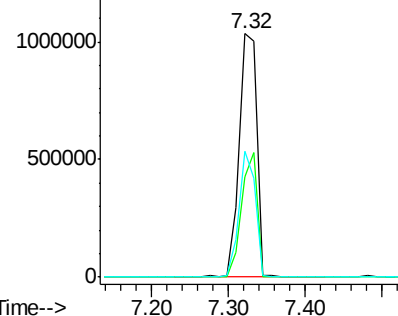


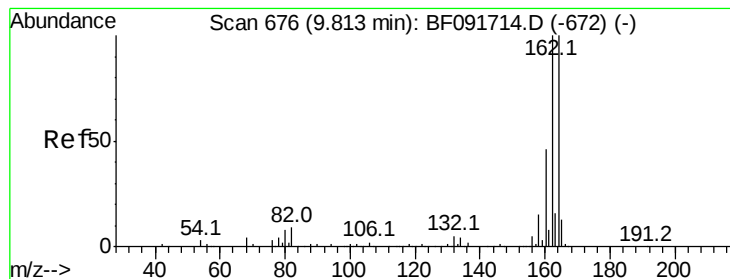
#23
Nitrobenzene-d5
Concen: 100.31 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091794.D
Acq: 20 Dec 2016 00:59

Tgt Ion: 82	Resp: 1632812
Ion Ratio	Lower Upper
82 100	
128 41.0	34.6 52.0
54 51.5	39.5 59.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

MW-27

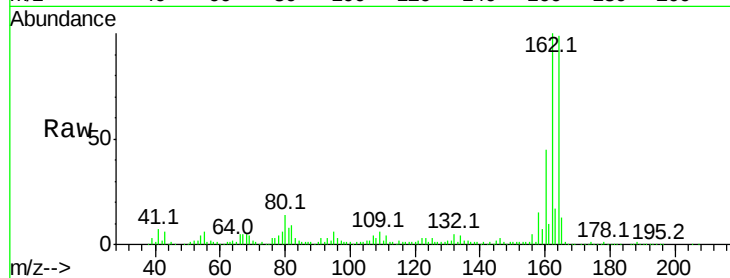
Tot Ion:164 Resp: 468976

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

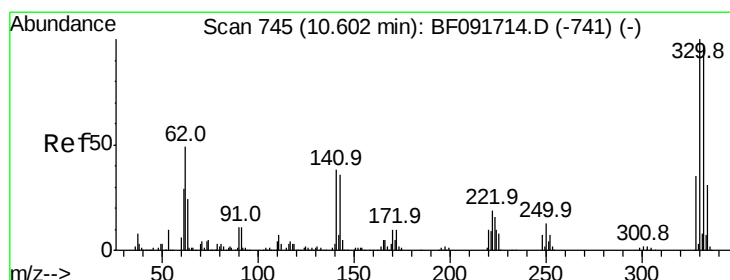
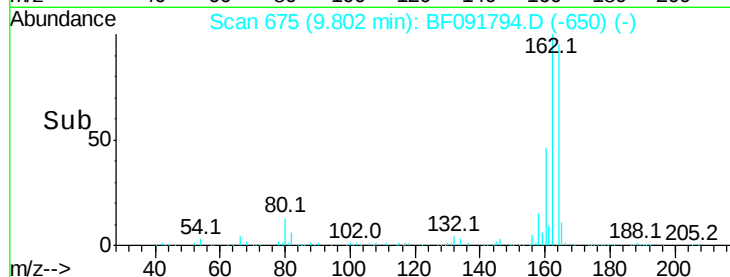
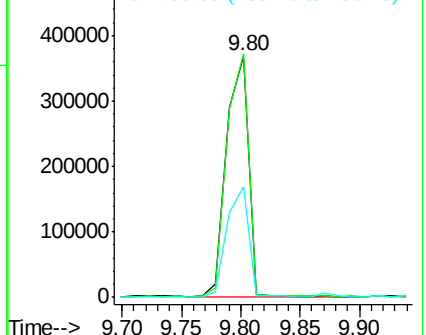
160 45.7 36.9 55.3



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: 116.39 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

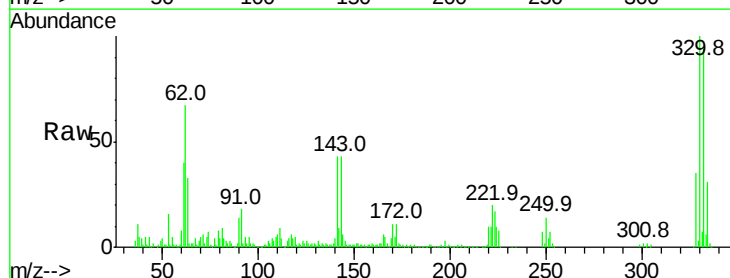
Tgt Ion:330 Resp: 462864

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

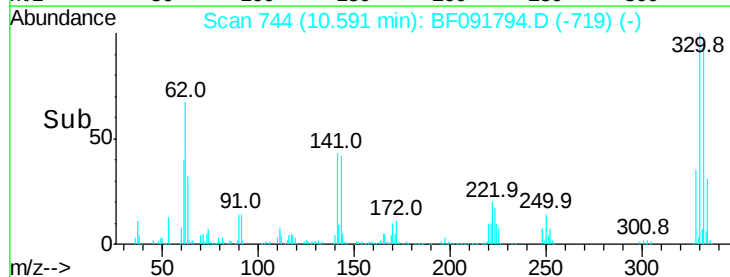
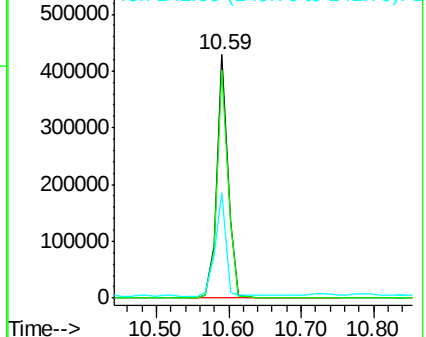
141 40.0 34.1 51.1

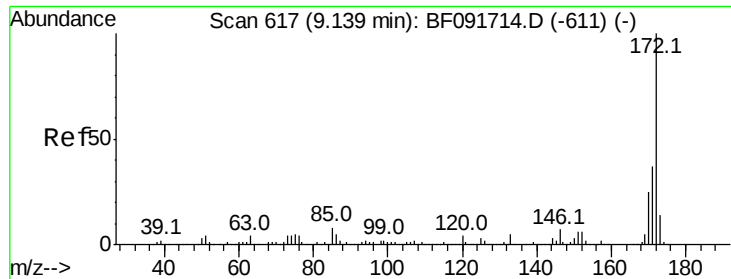


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 100.47 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

Instrument :

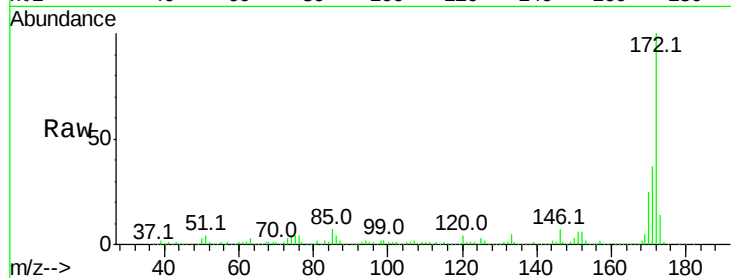
BNA_F

ClientSampleId :

MW-27

Tot Ion:172 Resp: 2345252

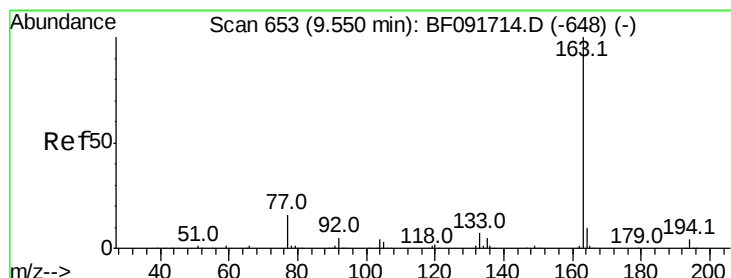
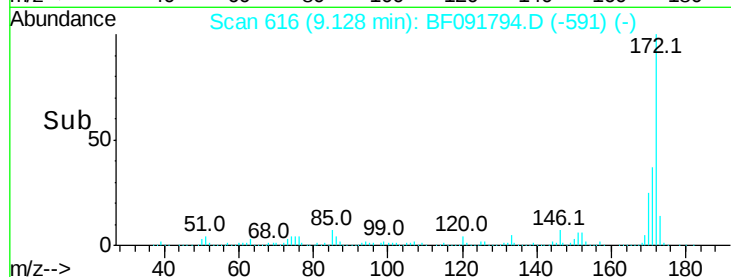
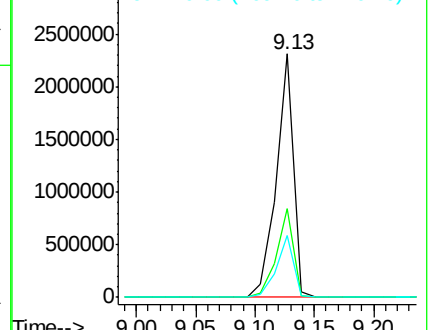
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.2	20.2	30.4



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: 7.24 ng

RT: 9.52 min Scan# 650

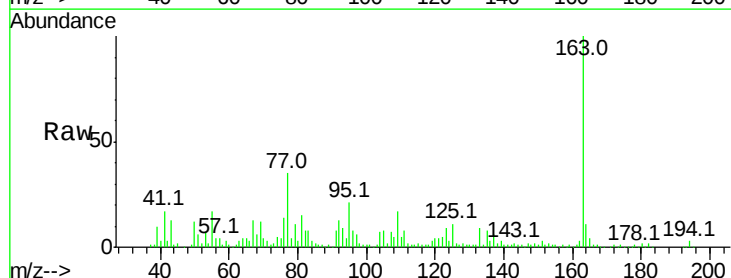
Delta R.T. -0.03 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

Tgt Ion:163 Resp: 221651

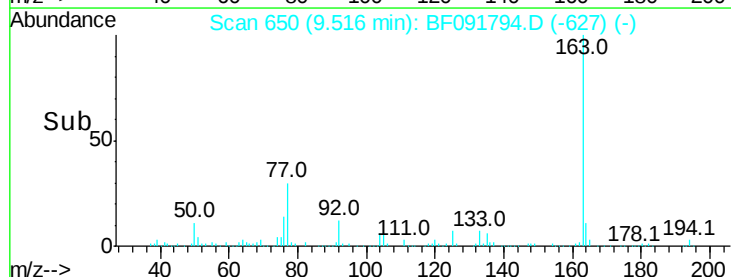
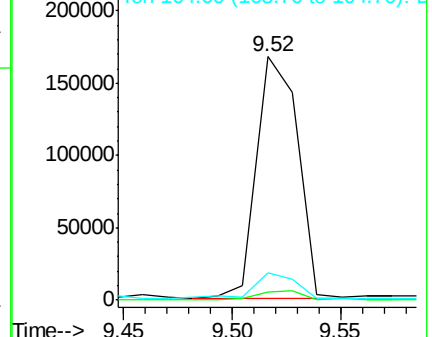
Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	11.2	8.0	12.0

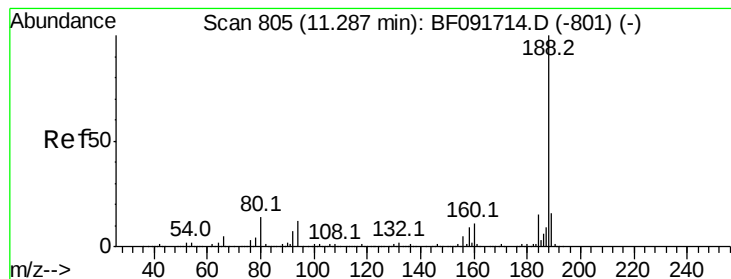


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

Instrument :

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ClientSampleId :

MW-27

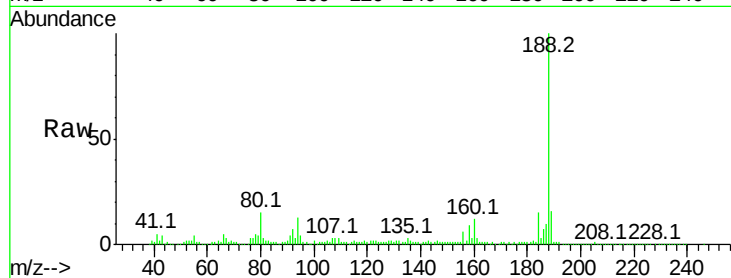
Tot Ion:188 Resp: 660447

Ion Ratio Lower Upper

188 100

94 13.3 10.0 15.0

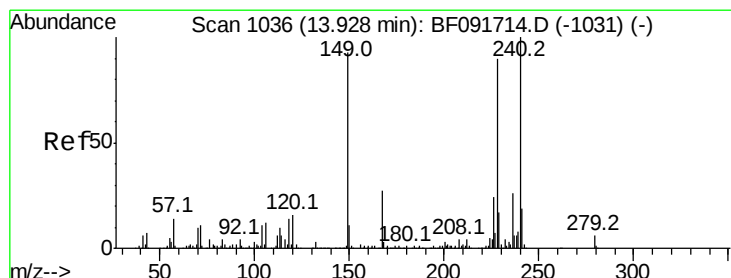
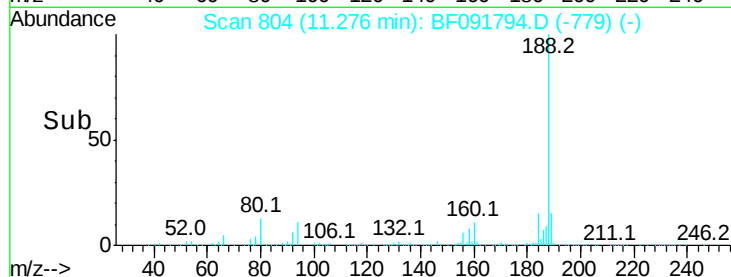
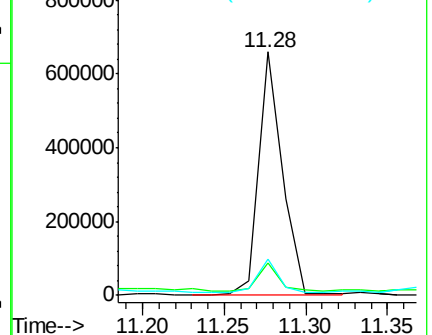
80 14.6 11.2 16.8



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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

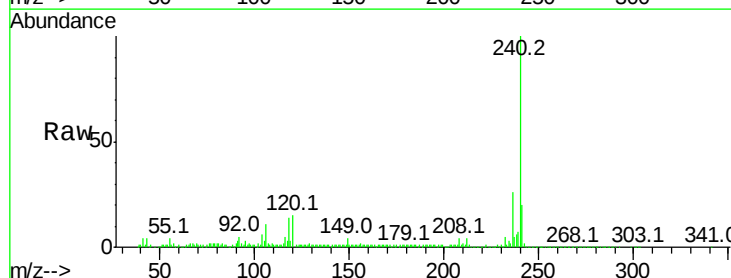
Tgt Ion:240 Resp: 456206

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

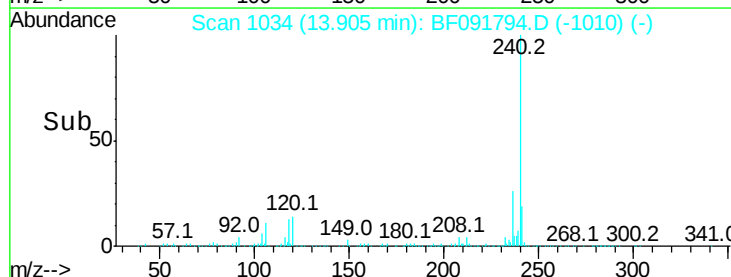
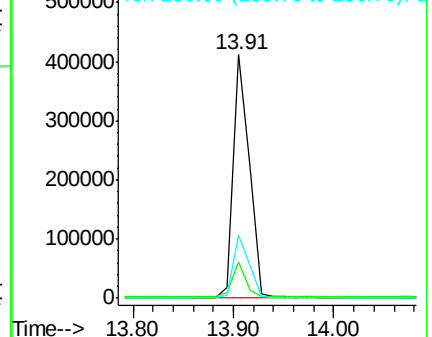
236 25.9 20.9 31.3

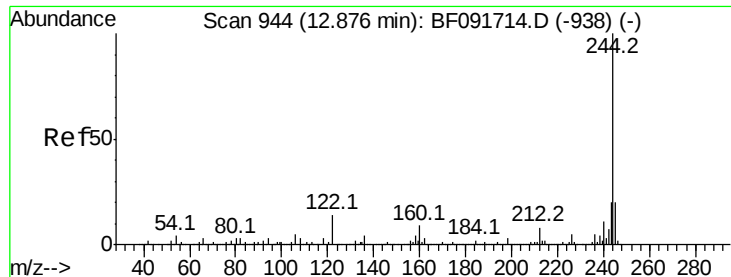


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.48 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091794.D

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MW-27

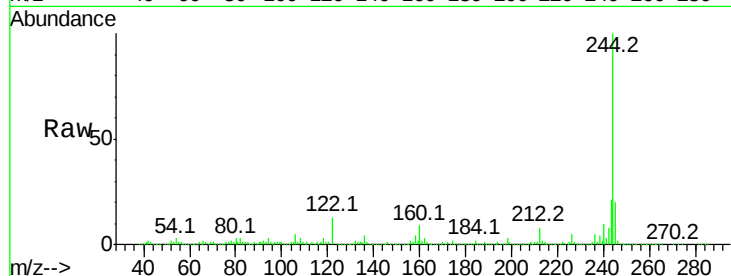
Tot Ion:244 Resp: 1418021

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

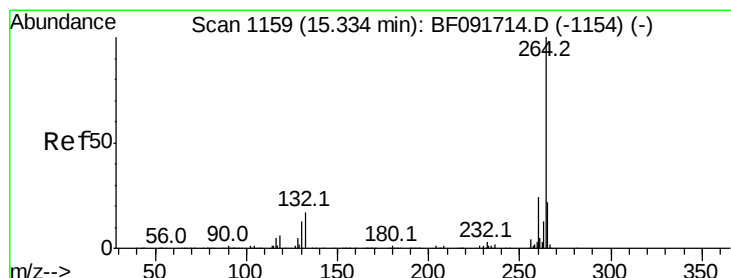
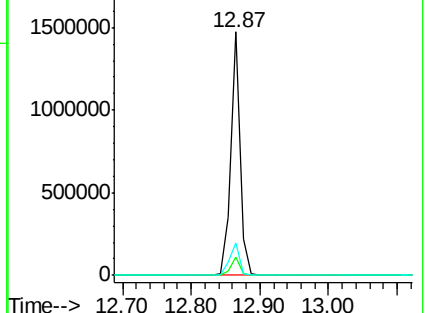
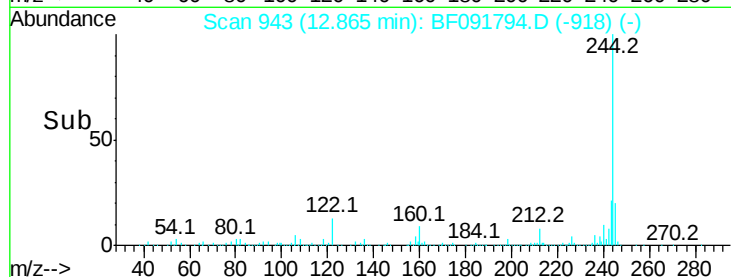
122 13.4 11.4 17.2



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: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF091794.D

Acq: 20 Dec 2016 00:59

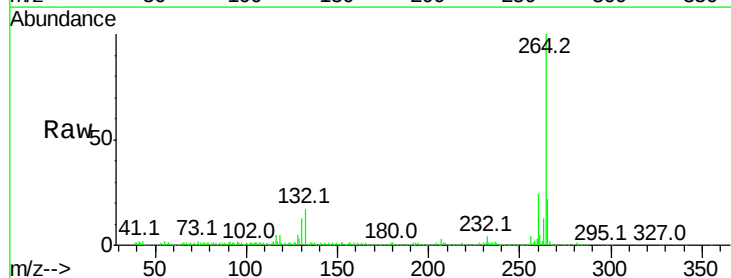
Tgt Ion:264 Resp: 429872

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.4 26.0



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

