

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092169.D
 Acq On : 10 Jan 2017 5:31
 Operator : UM/SJ
 Sample : I1055-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: Jan 10 06:39:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

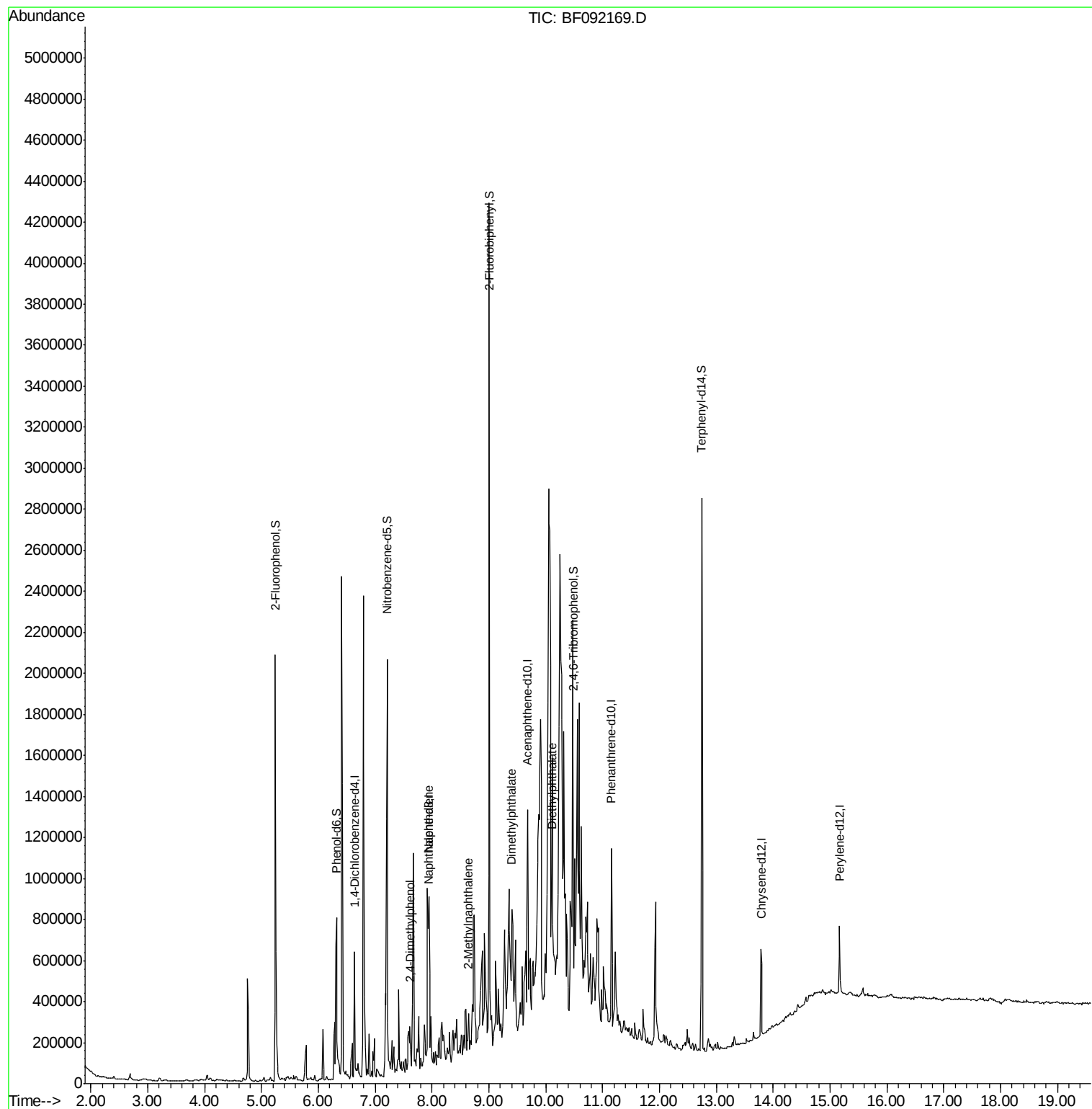
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	124889	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	455026	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	214608	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	334371	20.00	ng	0.00
75) Chrysene-d12	13.80	240	206629	20.00	ng	0.01
86) Perylene-d12	15.17	264	158498	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	694661	92.87	ng	0.01
7) Phenol-d6	6.32	99	425196	46.56	ng	0.01
23) Nitrobenzene-d5	7.21	82	731106	89.34	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	220075	123.91	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	1185962	118.28	ng	0.00
78) Terphenyl-d14	12.75	244	912114	107.06	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.61	122	34715	4.87	ng	99
31) Naphthalene	7.94	128	369768	17.76	ng	99
37) 2-Methylnaphthalene	8.64	142	40409	2.05	ng	98
49) Dimethylphthalate	9.41	163	91897	6.70	ng	# 77
59) Diethylphthalate	10.10	149	89169	6.69	ng	# 69

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092169.D
Acq On : 10 Jan 2017 5:31
Operator : UM/SJ
Sample : I1055-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

Quant Time: Jan 10 06:39:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampled :

W-15

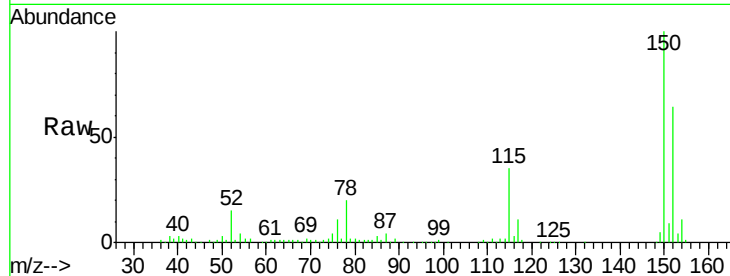
Tgt Ion:152 Resp: 124889

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

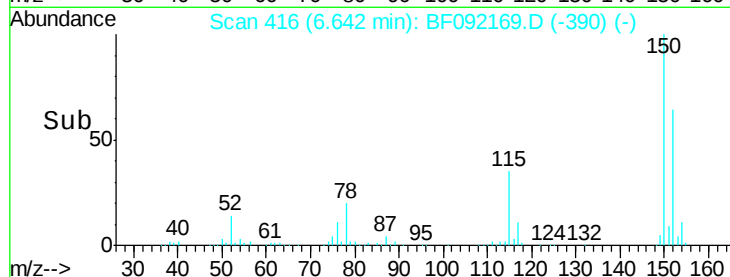
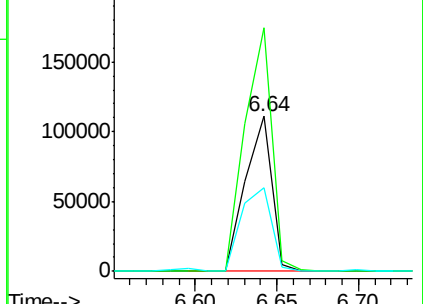
115 54.4 46.0 69.0



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: 92.87 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

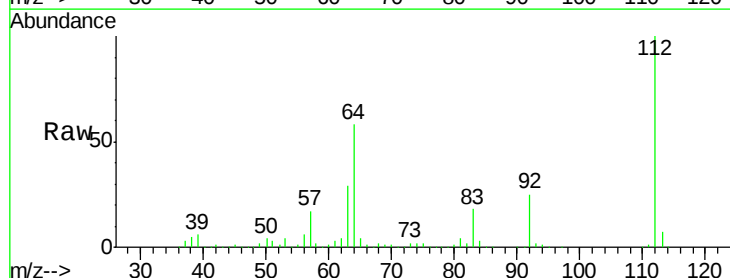
Tgt Ion:112 Resp: 694661

Ion Ratio Lower Upper

112 100

64 58.3 46.1 69.1

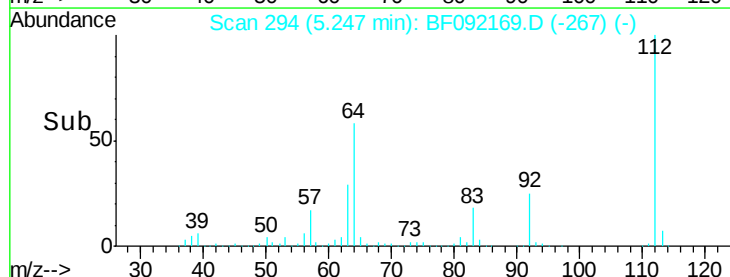
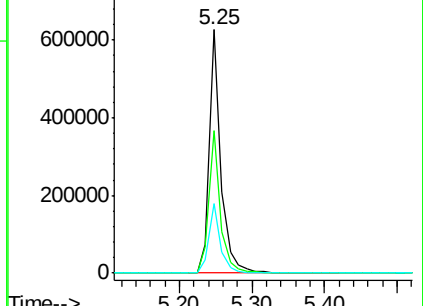
63 28.8 23.8 35.6



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: 46.56 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

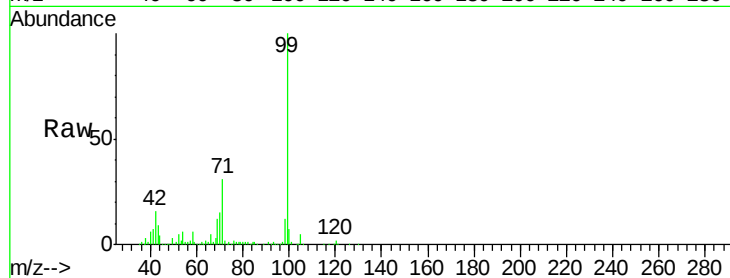
Tgt Ion: 99 Resp: 425196

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

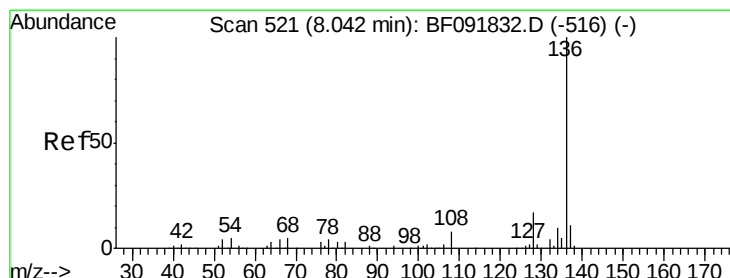
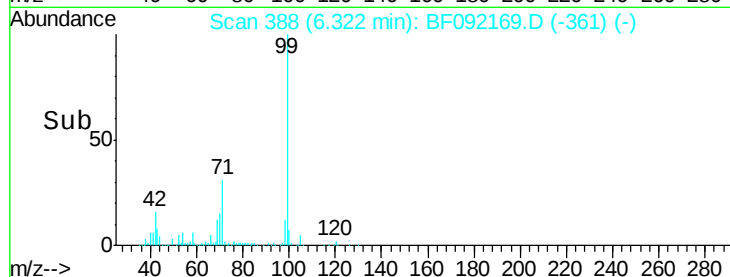
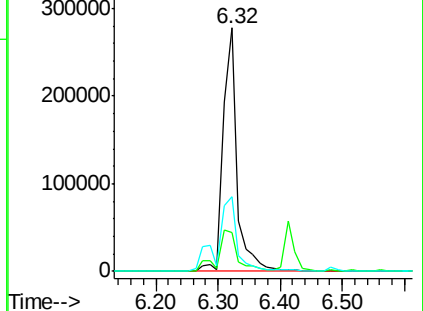
71 30.9 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Tgt Ion: 136 Resp: 455026

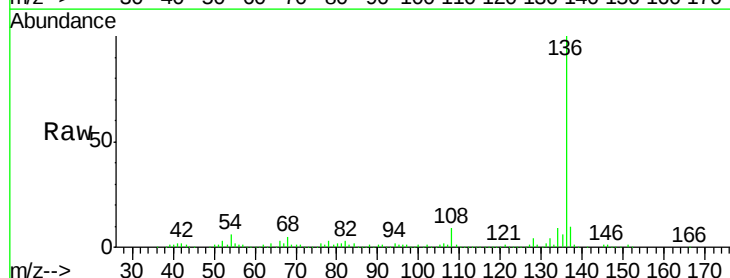
Ion Ratio Lower Upper

136 100

137 10.1 8.4 12.6

54 5.7 4.5 6.7

68 4.7 3.6 5.4

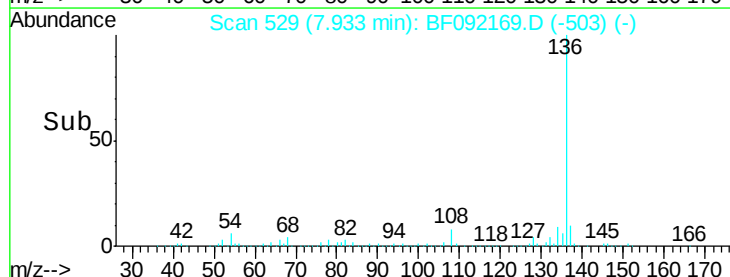
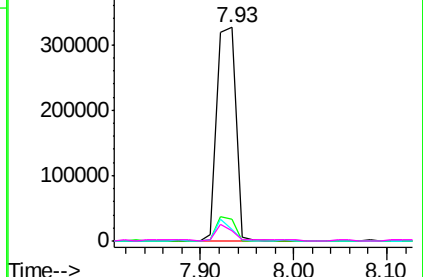


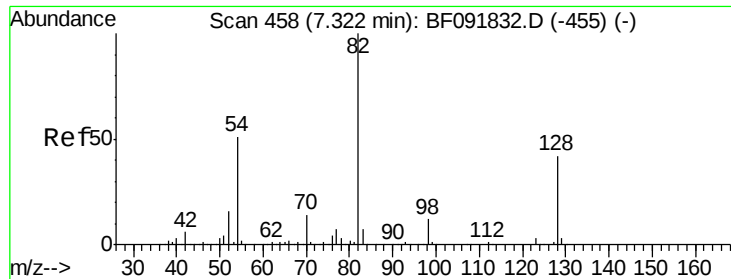
Abundance Ion 136.00 (135.70 to 136.70): E

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

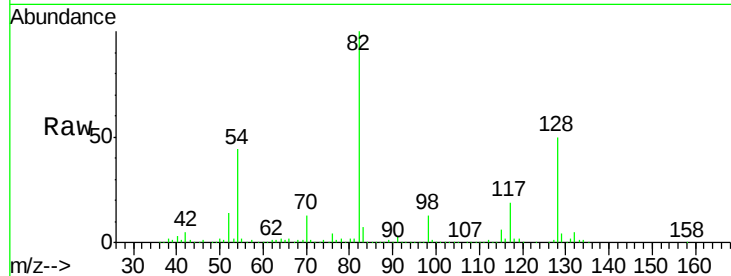




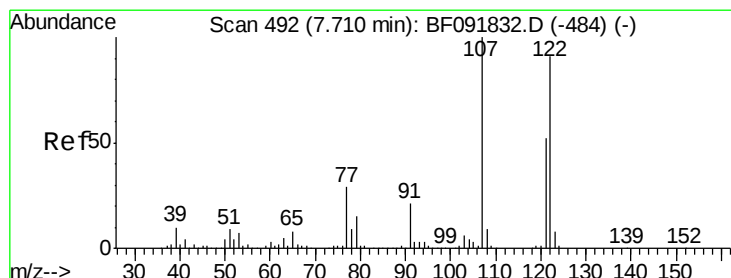
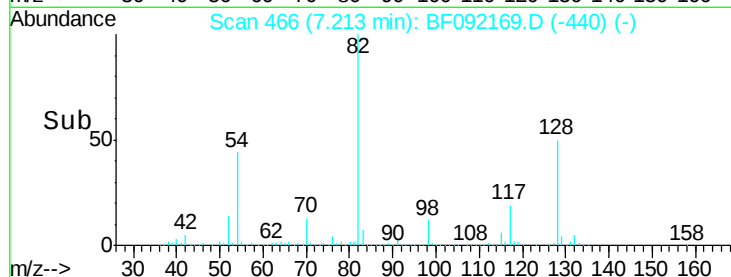
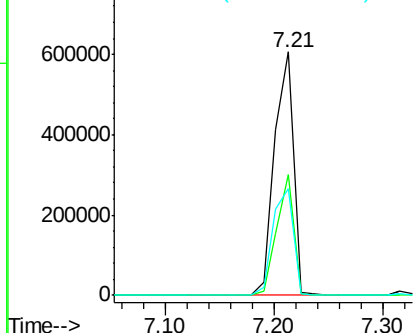
#23
Nitrobenzene-d5
Concen: 89.34 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Instrument :
BNA_F
ClientSampled :
W-15

Tgt Ion: 82 Resp: 731106
Ion Ratio Lower Upper
82 100
128 49.9 34.6 52.0
54 43.8 39.5 59.3

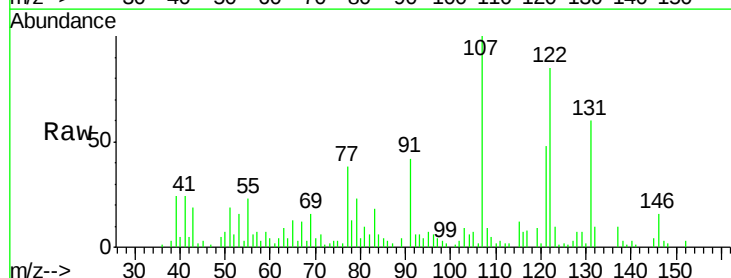


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

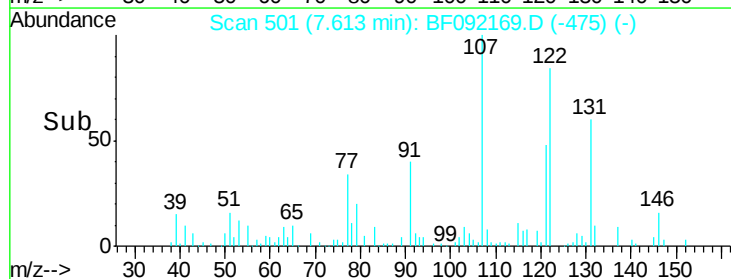
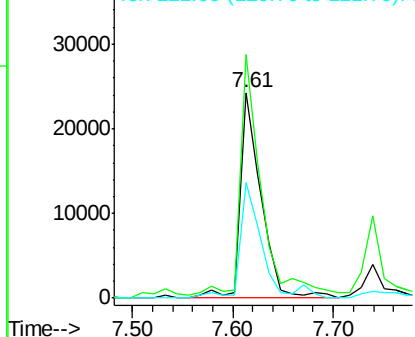


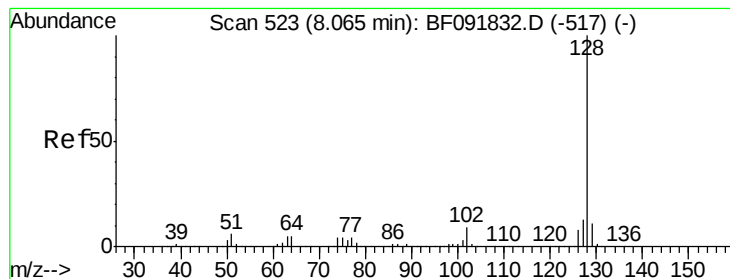
#27
2,4-Dimethylphenol
Concen: 4.87 ng
RT: 7.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion: 122 Resp: 34715
Ion Ratio Lower Upper
122 100
107 118.3 94.1 141.1
121 56.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 17.76 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

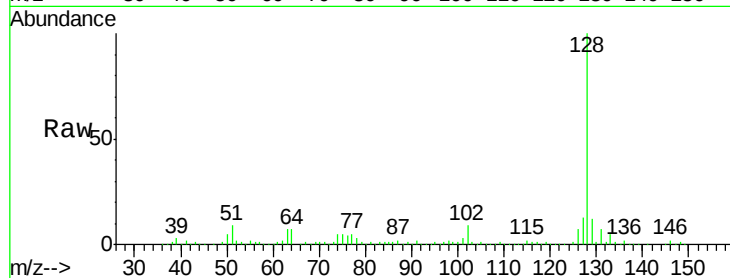
Tgt Ion:128 Resp: 369768

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

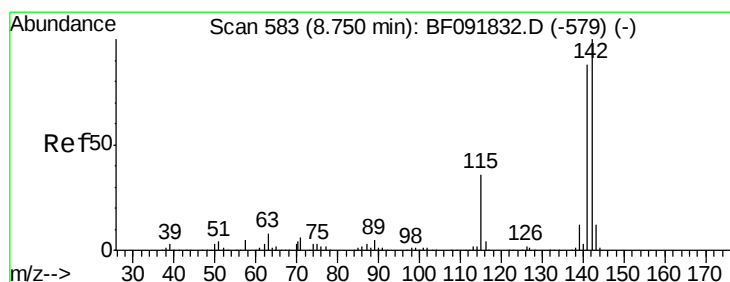
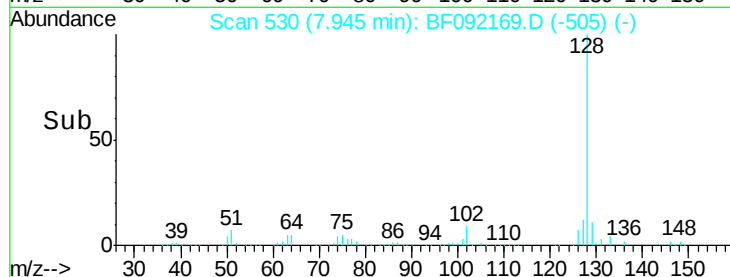
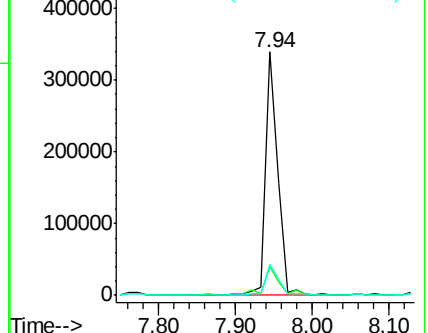
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.05 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

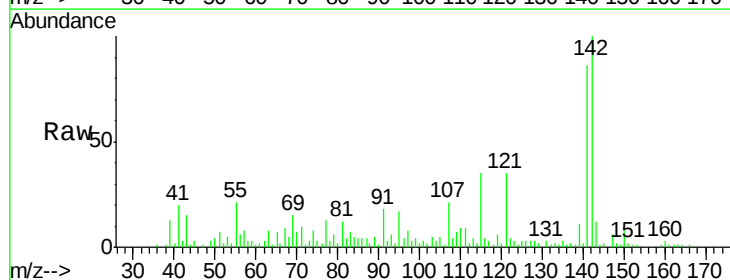
Tgt Ion:142 Resp: 40409

Ion Ratio Lower Upper

142 100

141 86.2 71.0 106.6

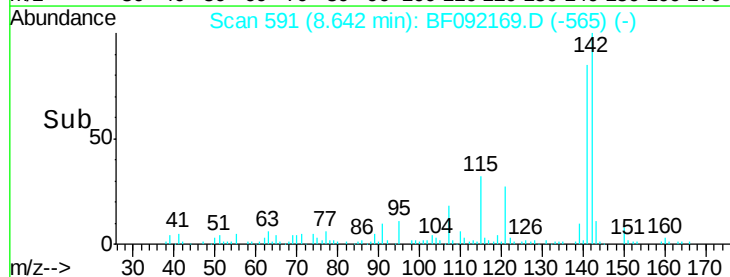
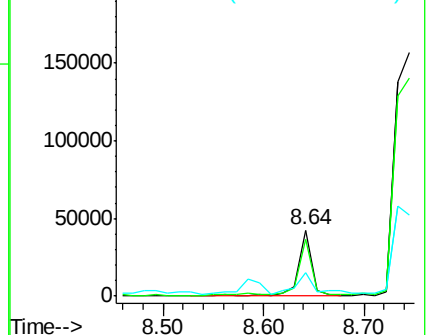
115 35.4 28.3 42.5

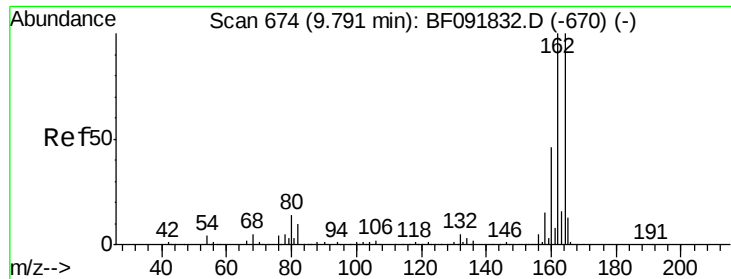


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampled :

W-15

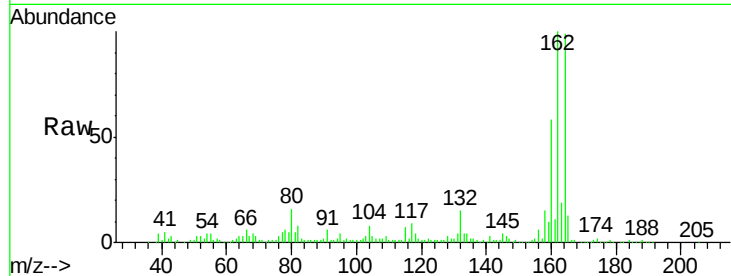
Tgt Ion:164 Resp: 214608

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

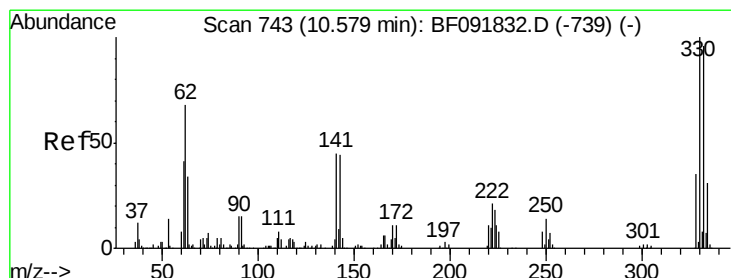
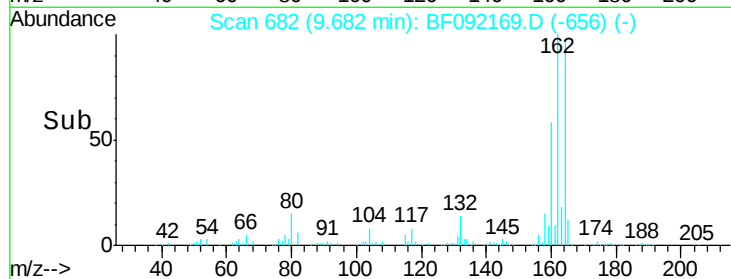
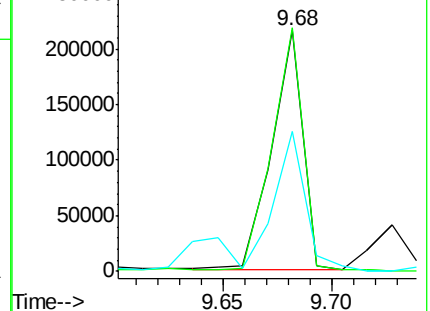
160 58.3 36.9 55.3#



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: 123.91 ng

RT: 10.48 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

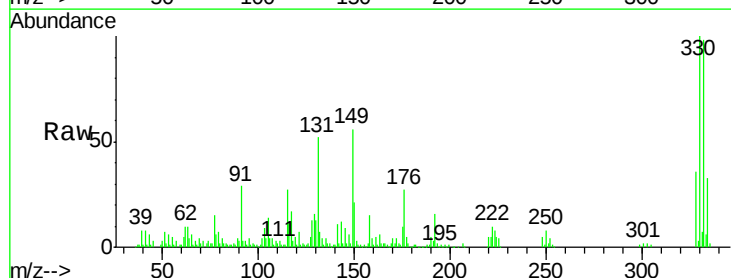
Tgt Ion:330 Resp: 220075

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

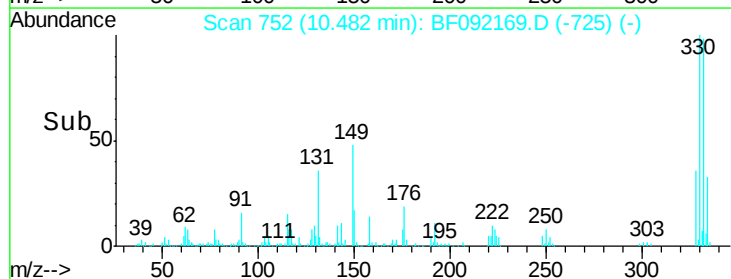
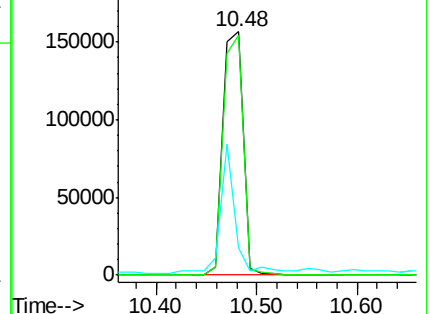
141 37.7 34.1 51.1

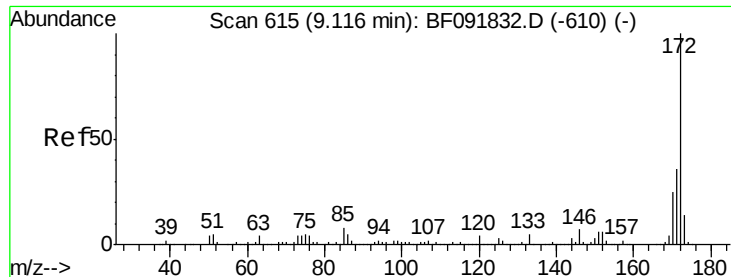


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

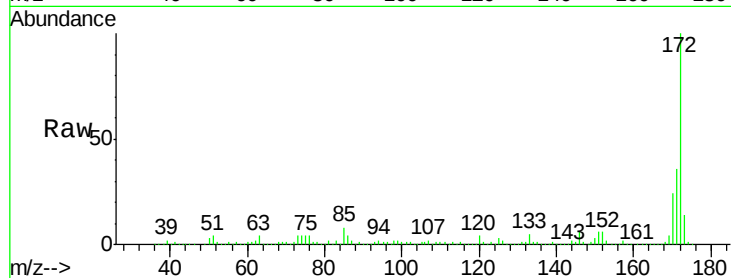




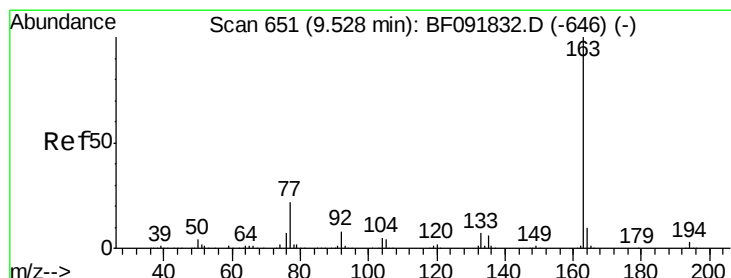
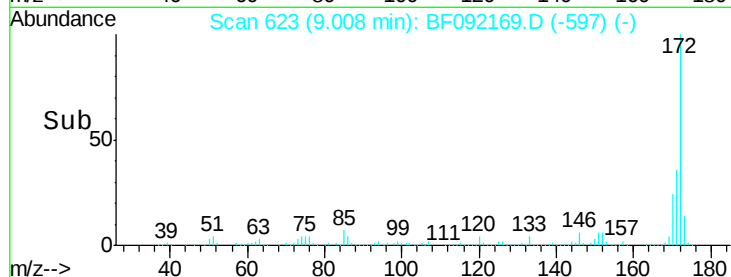
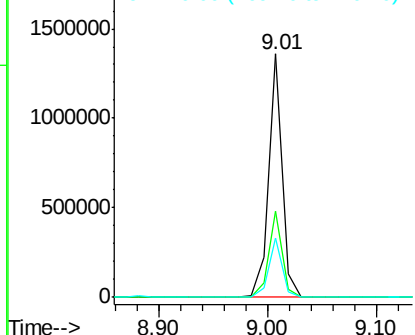
#44
2-Fluorobiphenyl
Concen: 118.28 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:172 Resp: 1185962
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.2 20.2 30.4

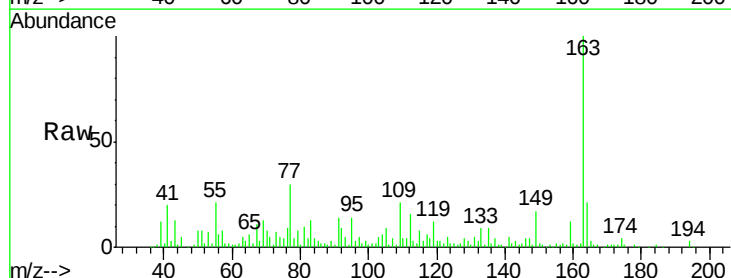


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

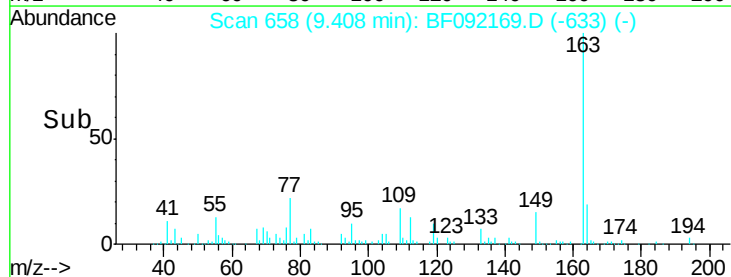
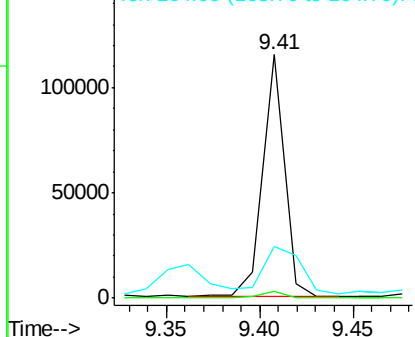


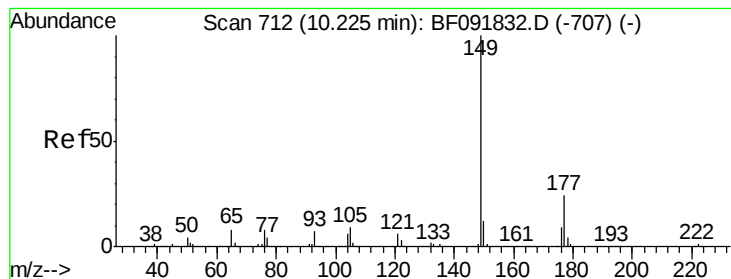
#49
Dimethylphthalate
Concen: 6.70 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion:163 Resp: 91897
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 21.2 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





#59

Diethylphthalate

Concen: 6.69 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

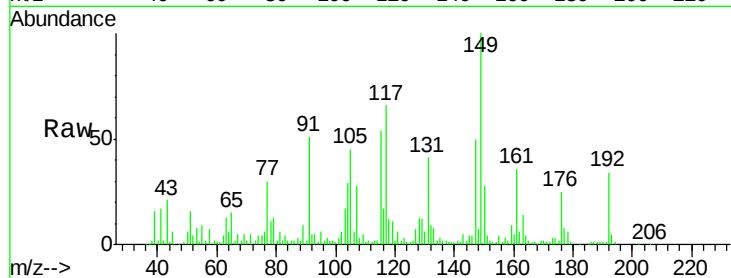
Tgt Ion:149 Resp: 89169

Ion Ratio Lower Upper

149 100

177 8.4 16.6 25.0#

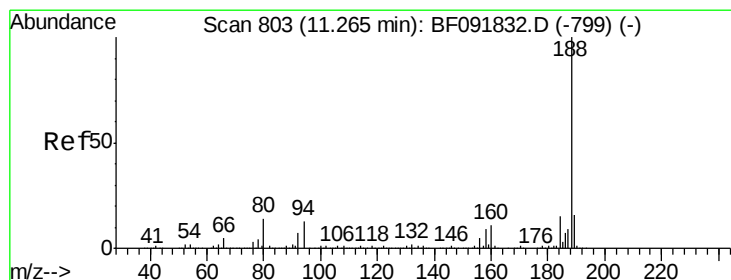
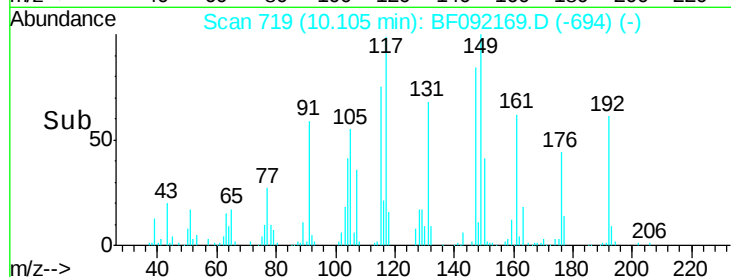
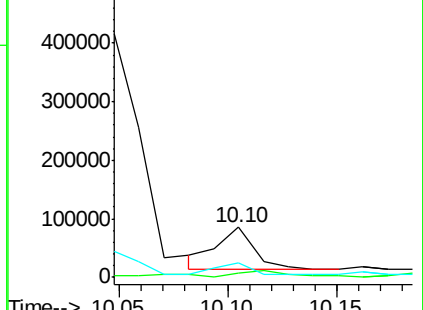
150 28.4 10.4 15.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

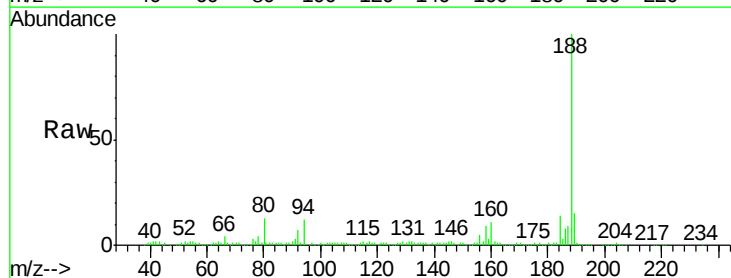
Tgt Ion:188 Resp: 334371

Ion Ratio Lower Upper

188 100

94 11.8 10.0 15.0

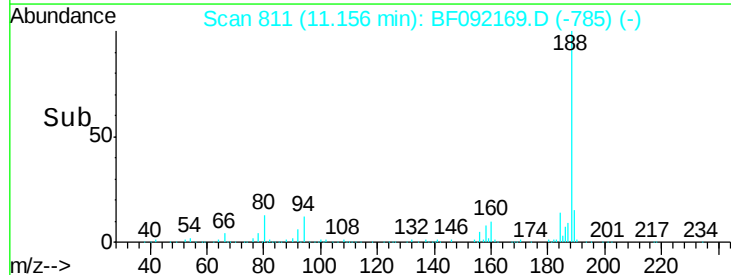
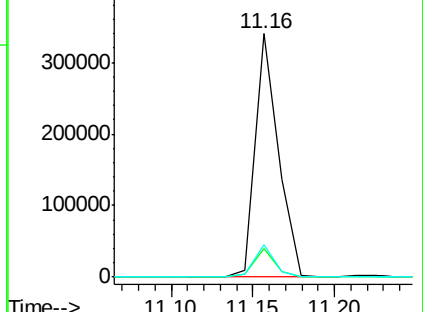
80 13.2 11.2 16.8

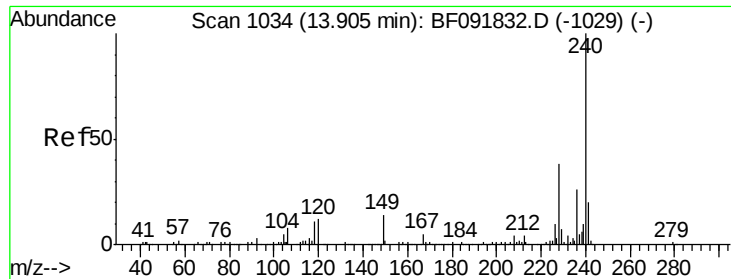


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

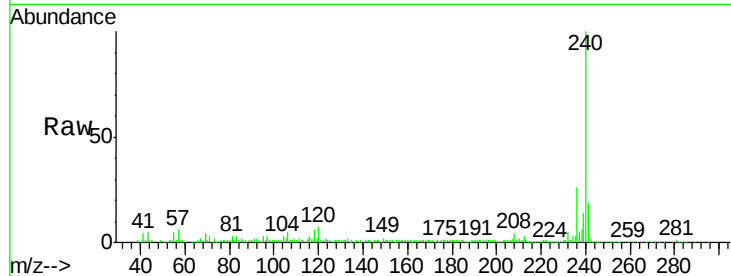
Tgt Ion:240 Resp: 206629

Ion Ratio Lower Upper

240 100

120 6.8 12.9 19.3#

236 26.4 20.9 31.3

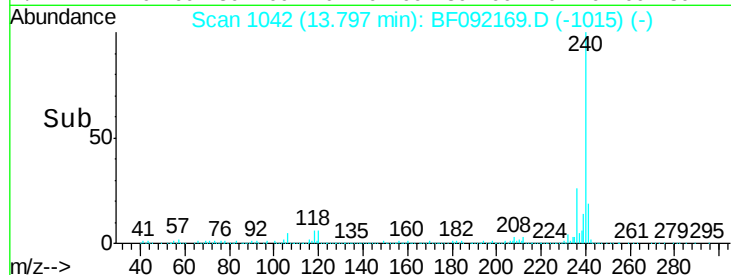


Abundance Ion 240.00 (239.70 to 240.70): E

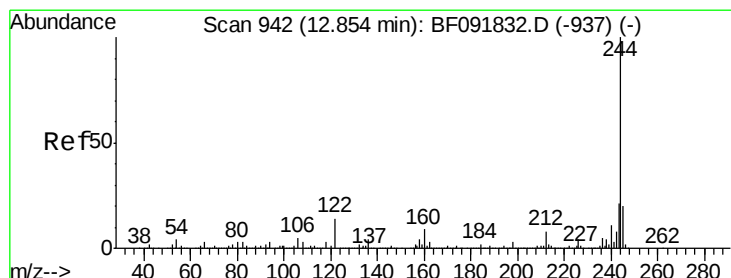
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.80



Time-->



#78

Terphenyl-d14

Concen: 107.06 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

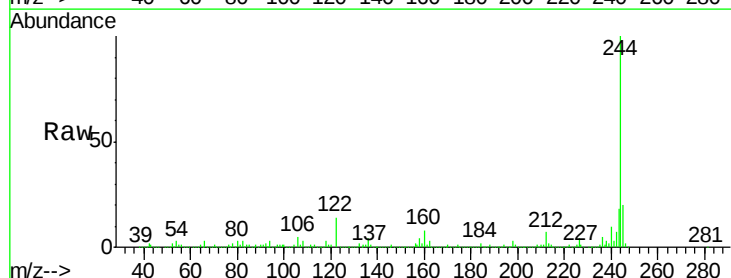
Tgt Ion:244 Resp: 912114

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.6 11.4 17.2

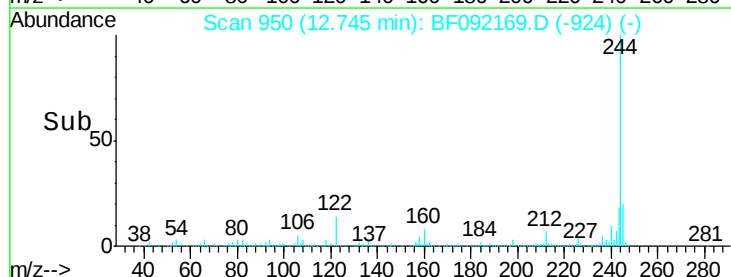


Abundance Ion 244.00 (243.70 to 244.70): E

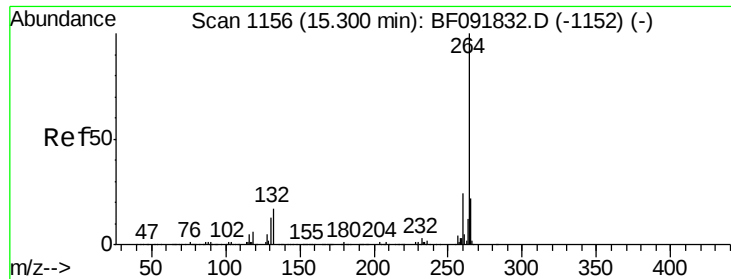
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.75



Time-->



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BF092169.D
 Acq: 10 Jan 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	17.4	26.0

