

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091920.D
 Acq On : 23 Dec 2016 13:41
 Operator : UM/SJ
 Sample : H6156-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612

Quant Time: Dec 23 17:03:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

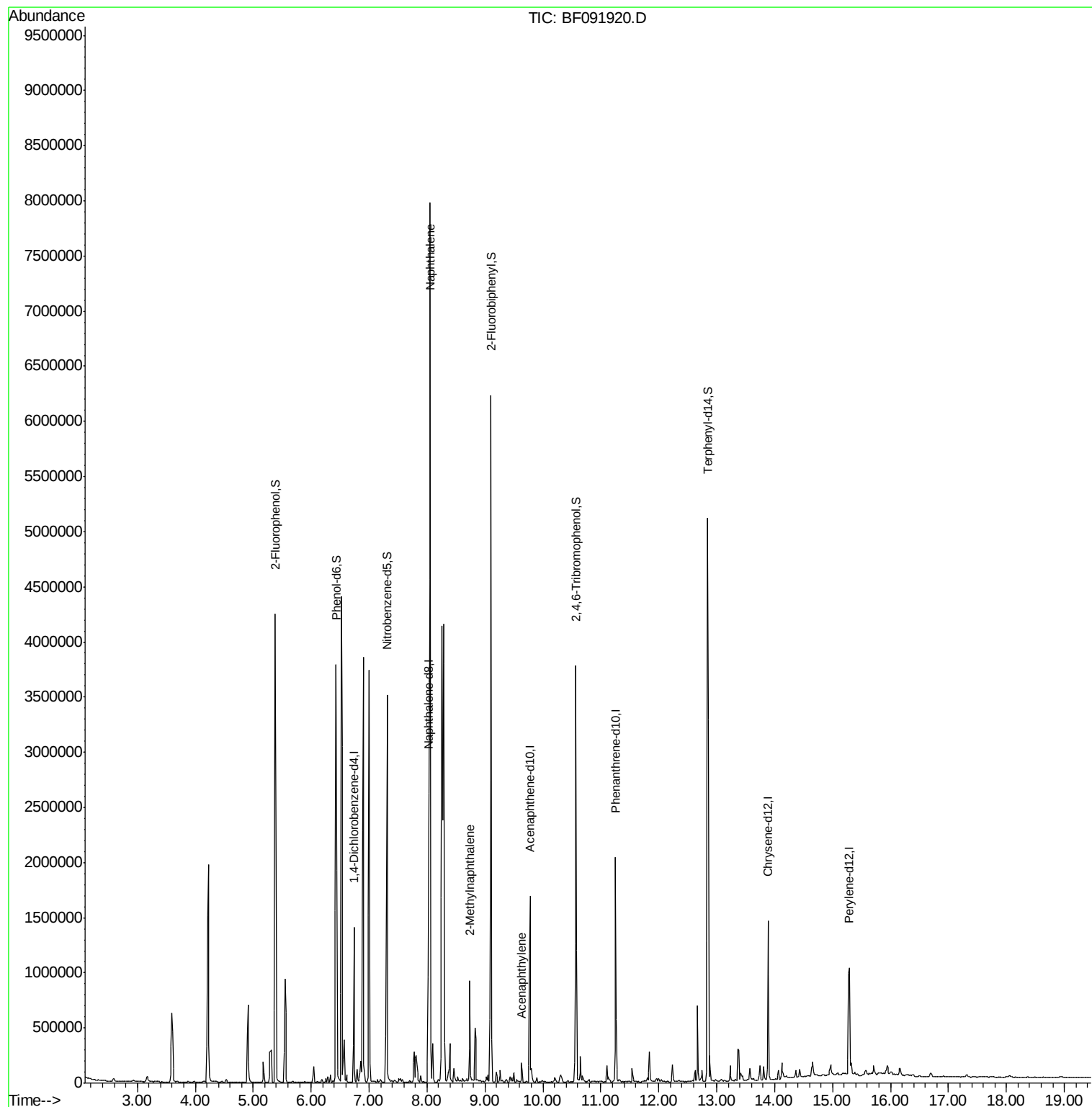
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	216042	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	907022	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	500706	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	780201	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	641848	20.00	ng	-0.02
86) Perylene-d12	15.29	264	501362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1502811	116.15	ng	0.03
7) Phenol-d6	6.43	99	1845397	116.82	ng	0.02
23) Nitrobenzene-d5	7.31	82	1452357	89.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	559301	134.98	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2221375	91.96	ng	-0.01
78) Terphenyl-d14	12.84	244	2253163	85.14	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.05	128	4450833	107.22	ng	98
37) 2-Methylnaphthalene	8.74	142	284149	8.48	ng	97
48) Acenaphthylene	9.63	152	94355	2.26	ng	98

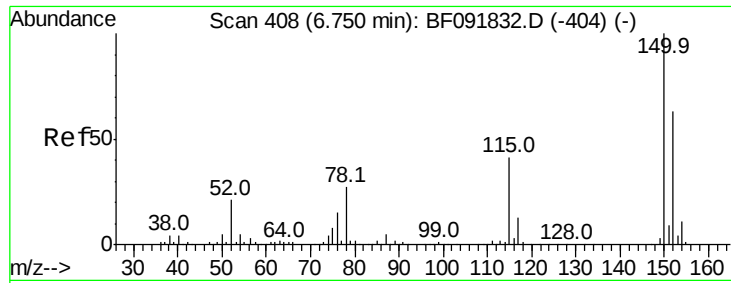
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

Instrument :

BNA_F

ClientSampleId :

WC-201612

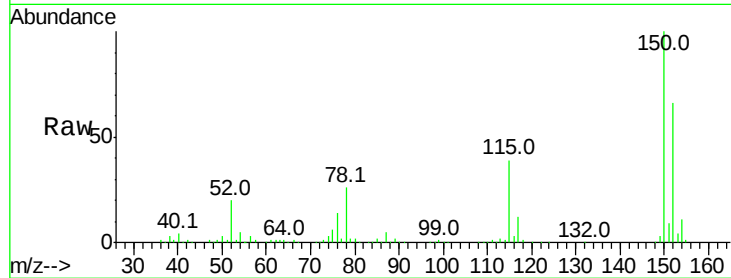
Tot Ion:152 Resp: 216042

Ion Ratio Lower Upper

152 100

150 152.3 124.9 187.3

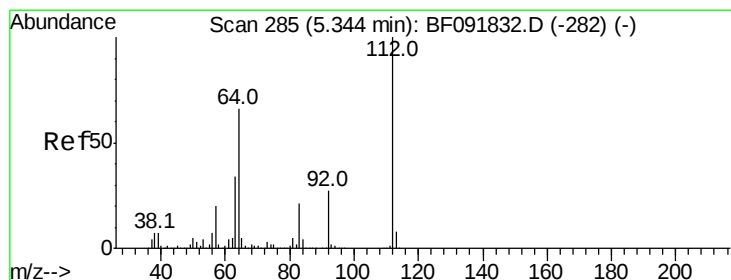
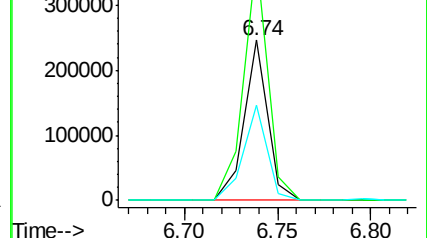
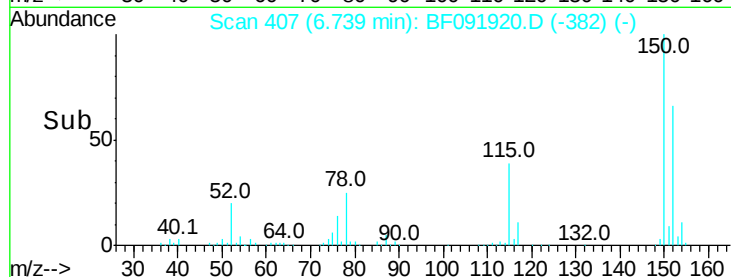
115 59.4 46.0 69.0



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: 116.15 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

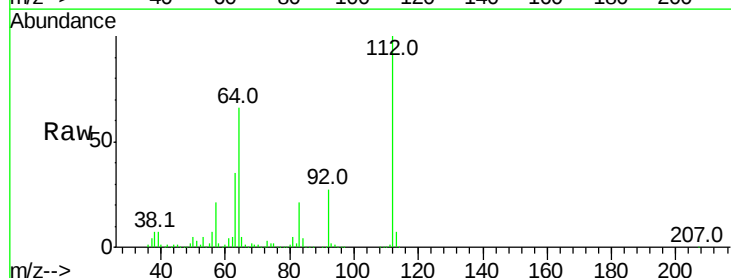
Tgt Ion:112 Resp: 1502811

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

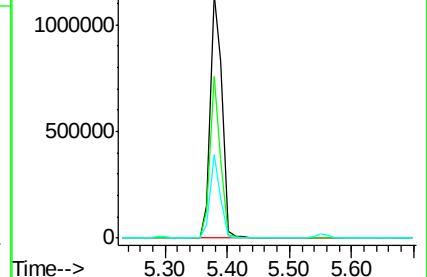
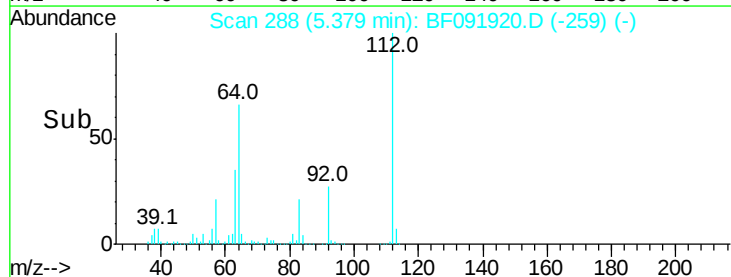
63 34.5 23.8 35.6

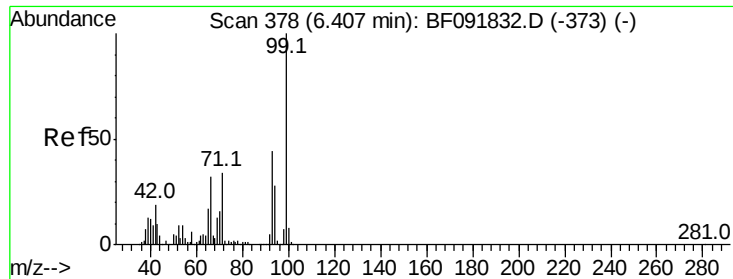


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.82 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

Instrument :

BNA_F

ClientSampleId :

WC-201612

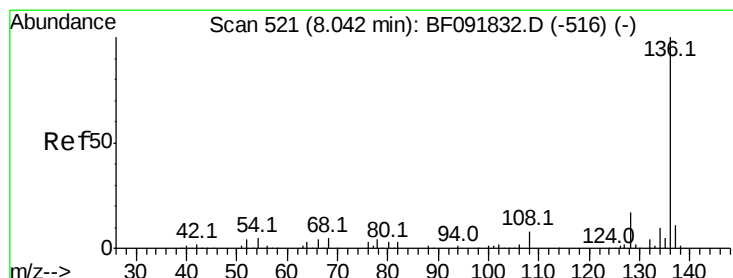
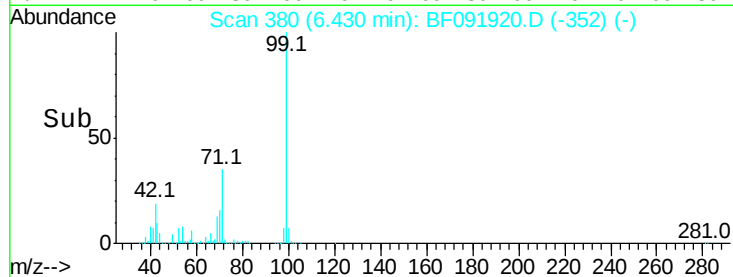
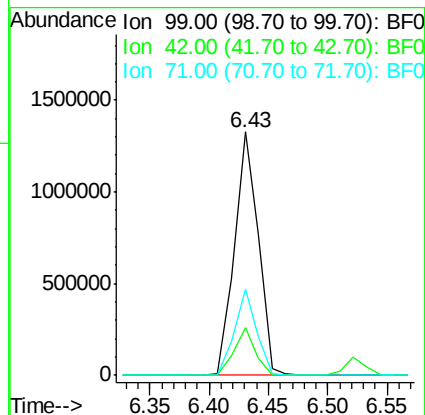
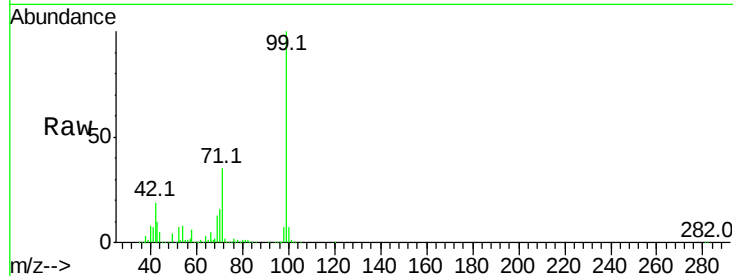
Tot Ion: 99 Resp: 1845397

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 35.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

Tgt Ion: 136 Resp: 907022

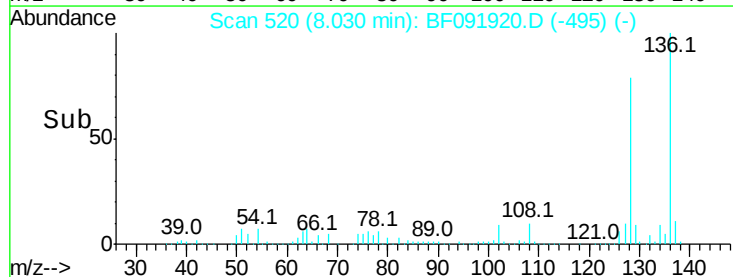
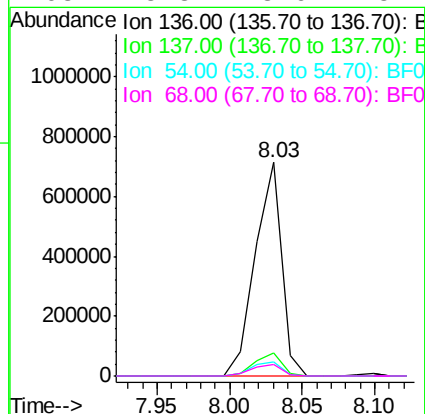
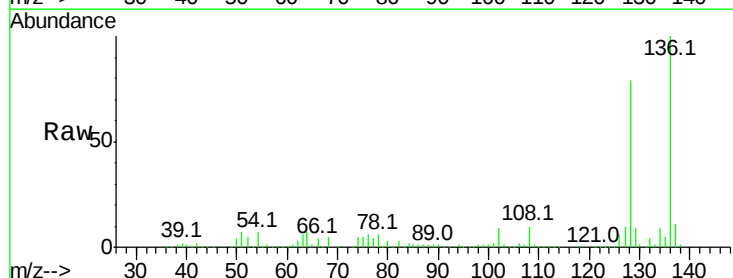
Ion Ratio Lower Upper

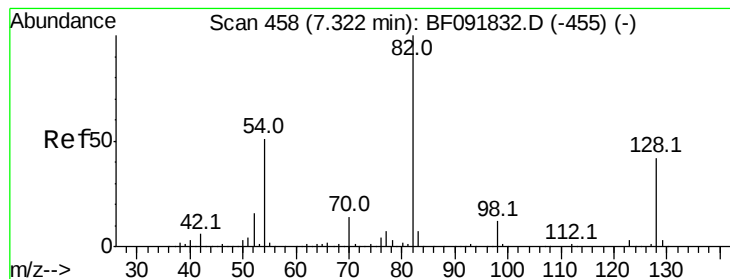
136 100

137 10.5 8.4 12.6

54 6.8 4.5 6.7#

68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 89.04 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

Instrument :

BNA_F

ClientSampleId :

WC-201612

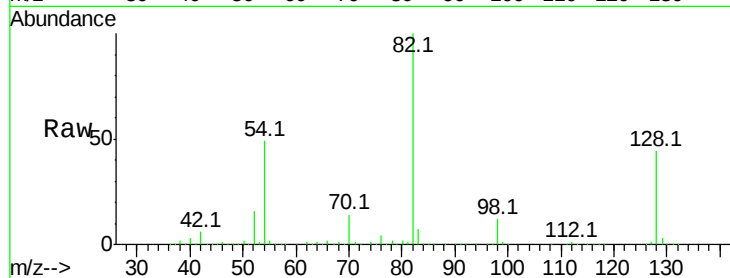
Tot Ion: 82 Resp: 1452357

Ion Ratio Lower Upper

82 100

128 43.6 34.6 52.0

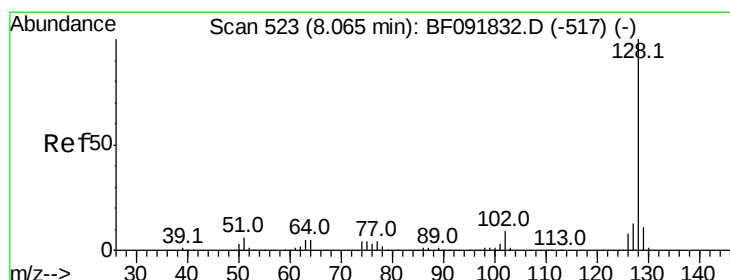
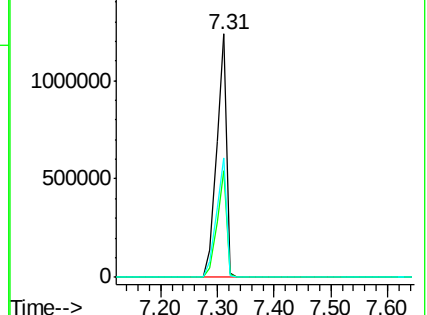
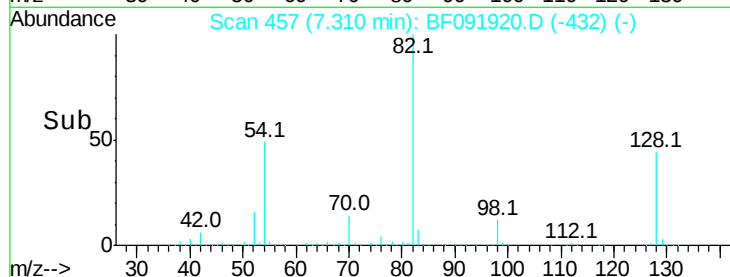
54 49.1 39.5 59.3



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



#31

Naphthalene

Concen: 107.22 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

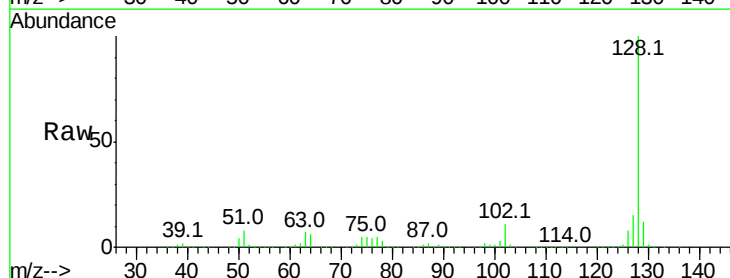
Tgt Ion:128 Resp: 4450833

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

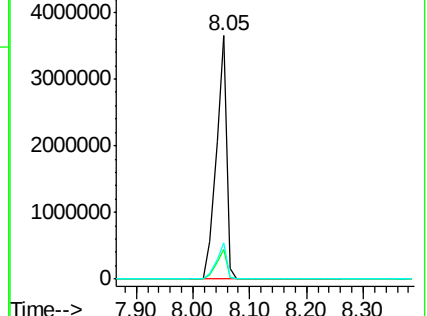
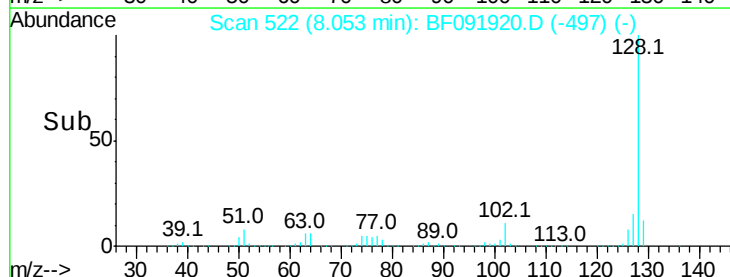
127 14.8 10.8 16.2

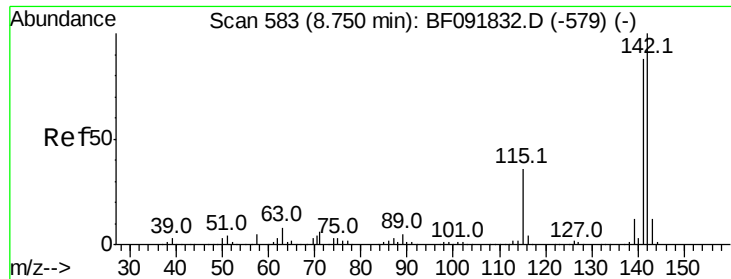


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

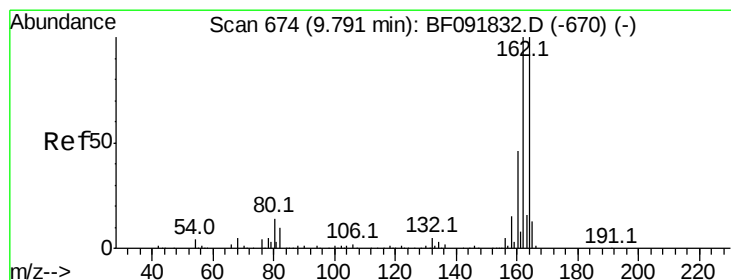
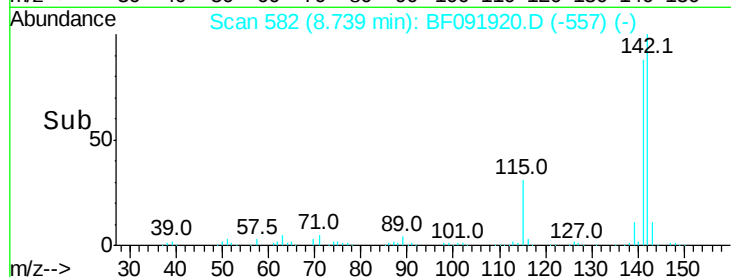
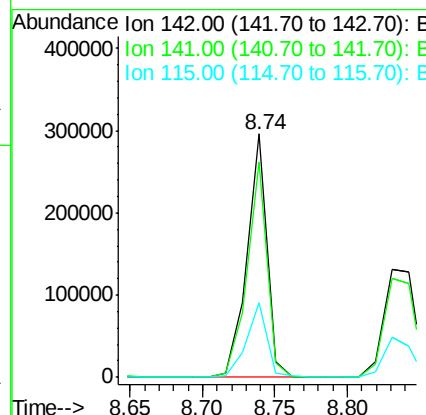
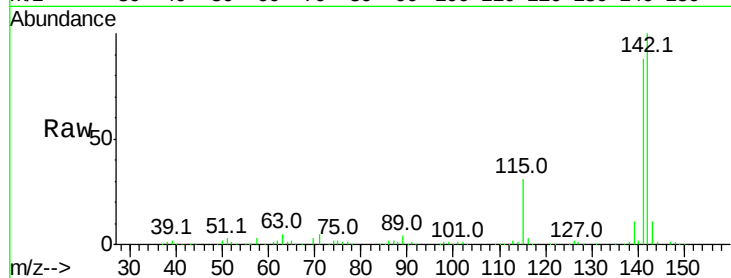




#37
2-Methylnaphthalene
Concen: 8.48 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091920.D
Acq: 23 Dec 2016 13:41

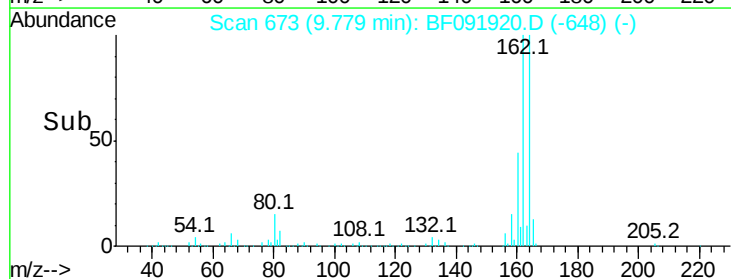
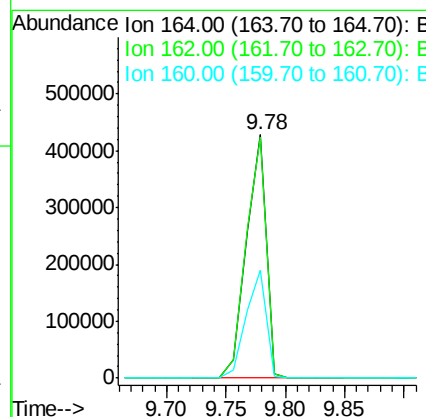
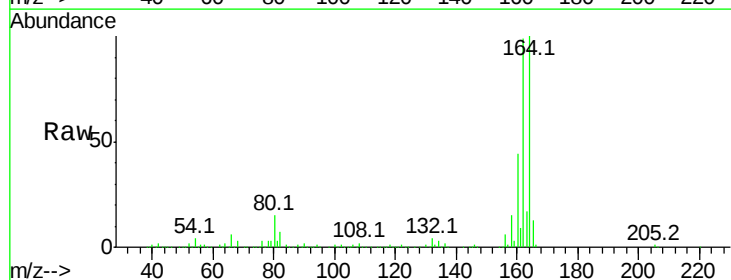
Instrument :
BNA_F
ClientSampleId :
WC-201612

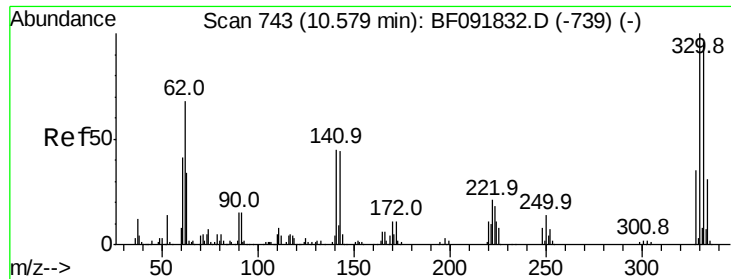
Tot Ion:142 Resp: 284149
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 30.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091920.D
Acq: 23 Dec 2016 13:41

Tgt Ion:164 Resp: 500706
Ion Ratio Lower Upper
164 100
162 98.8 80.2 120.2
160 44.1 36.9 55.3

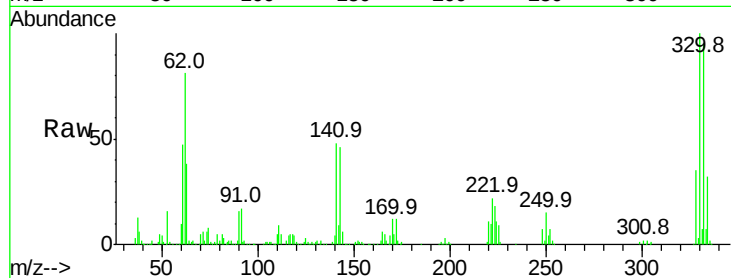




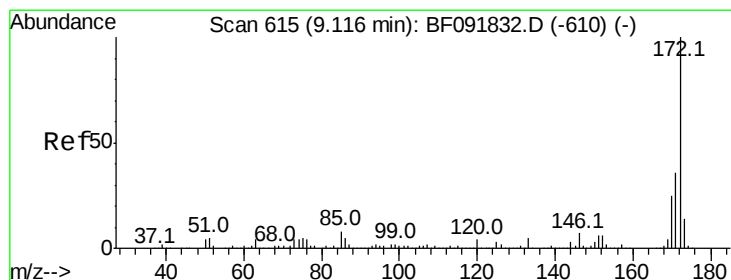
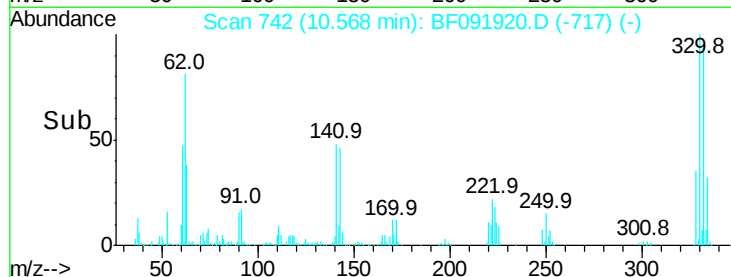
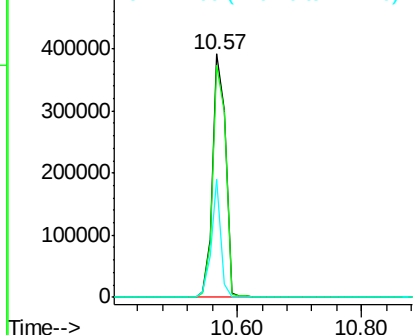
#41
 2,4,6-Tribromophenol
 Concen: 134.98 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091920.D
 Acq: 23 Dec 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612

Tot Ion:330 Resp: 559301
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 35.4 34.1 51.1

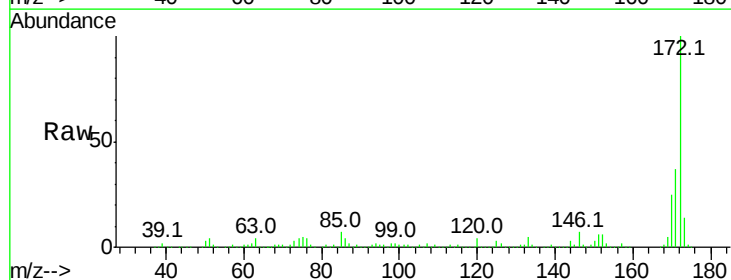


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

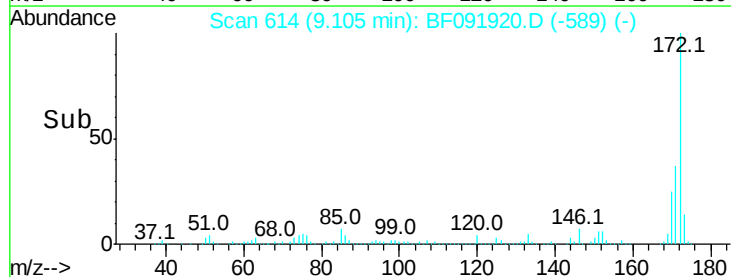
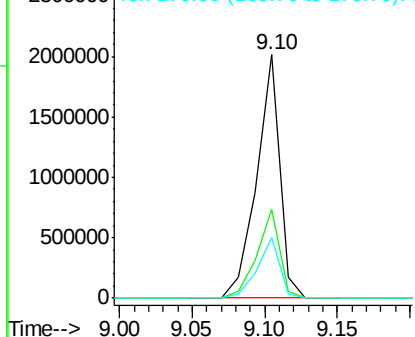


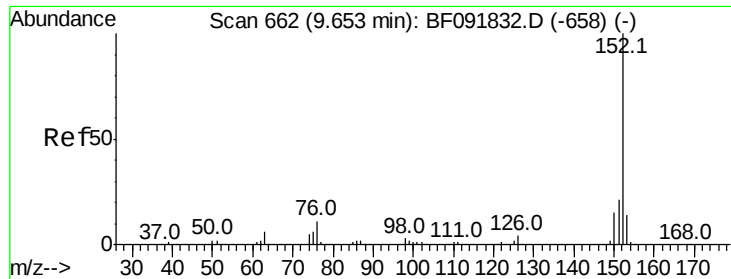
#44
 2-Fluorobiphenyl
 Concen: 91.96 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091920.D
 Acq: 23 Dec 2016 13:41

Tgt Ion:172 Resp: 2221375
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 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





#48

Acenaphthylene

Concen: 2.26 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

Instrument :

BNA_F

ClientSampleId :

WC-201612

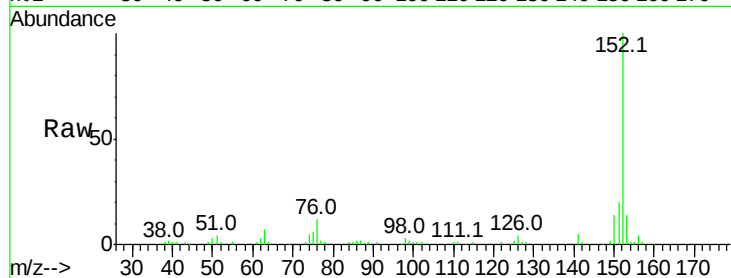
Tot Ion:152 Resp: 94355

Ion Ratio Lower Upper

152 100

151 19.6 16.9 25.3

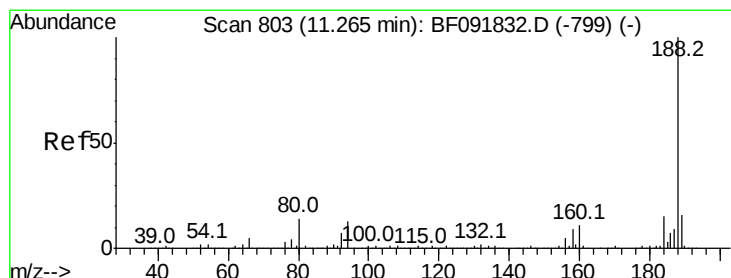
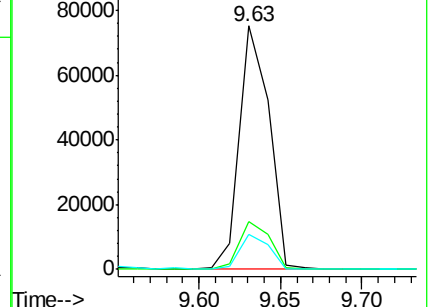
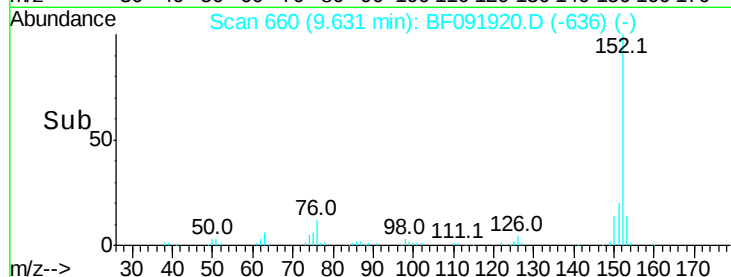
153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

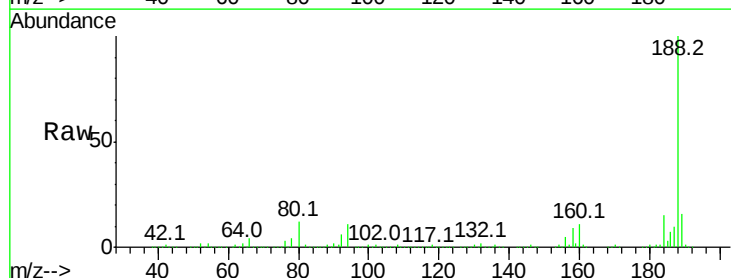
Tgt Ion:188 Resp: 780201

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

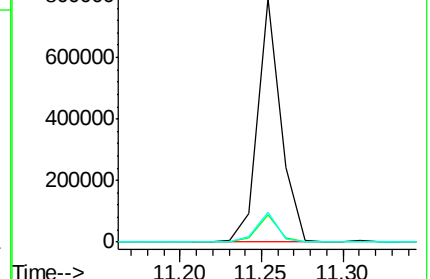
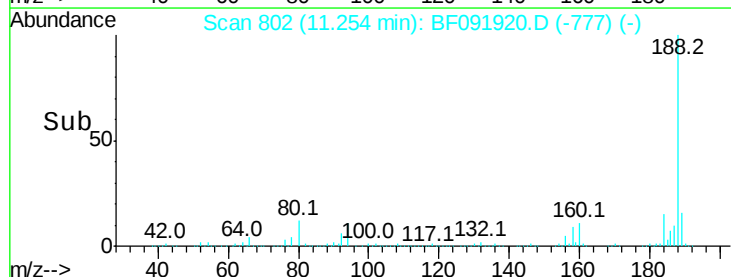
80 12.3 11.2 16.8

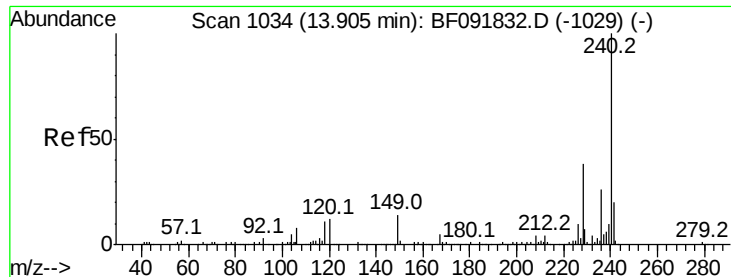


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

Instrument :

BNA_F

ClientSampleId :

WC-201612

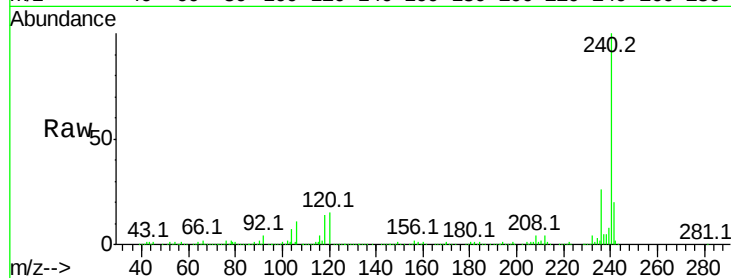
Tot Ion:240 Resp: 641848

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

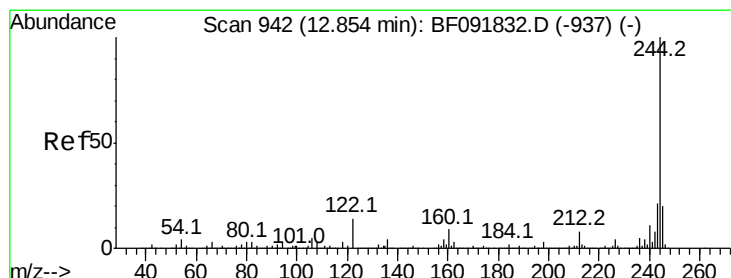
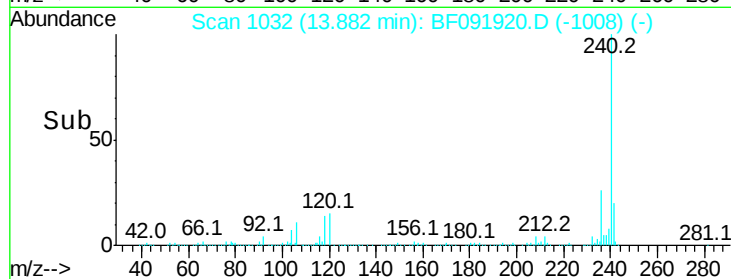
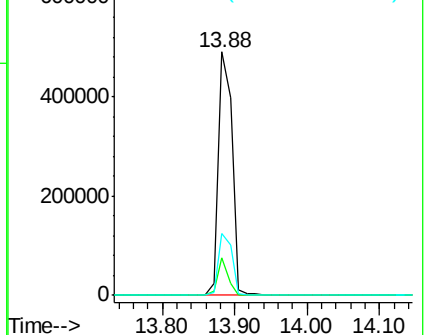
236 25.6 20.9 31.3



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: 85.14 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091920.D

Acq: 23 Dec 2016 13:41

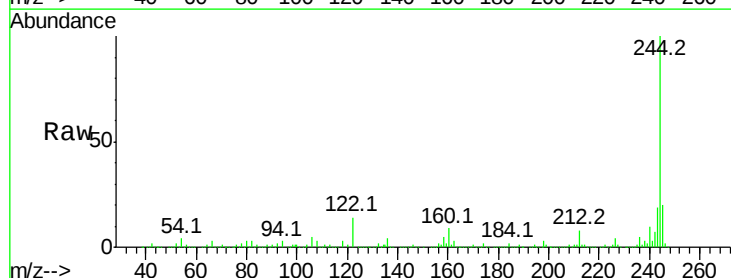
Tgt Ion:244 Resp: 2253163

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

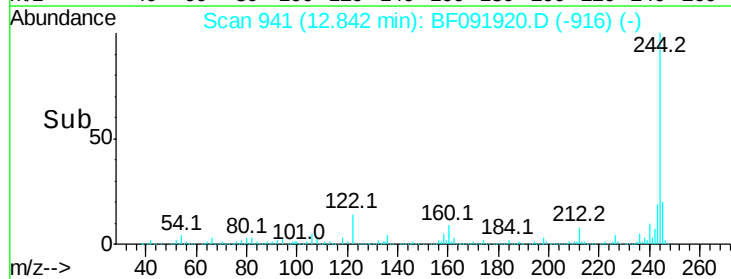
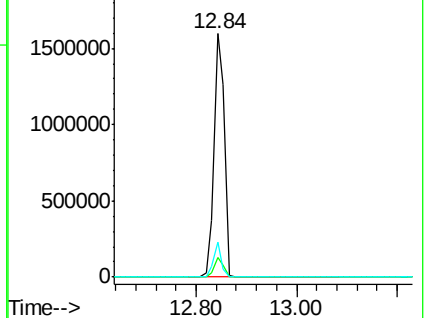
122 14.5 11.4 17.2

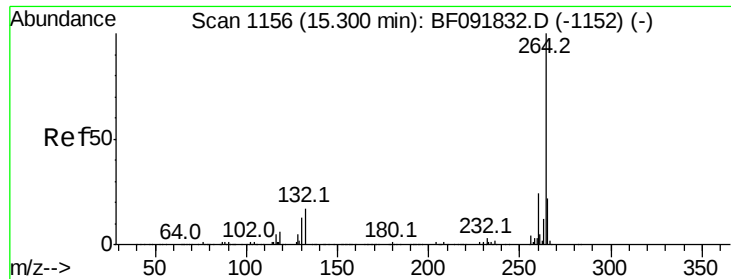


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

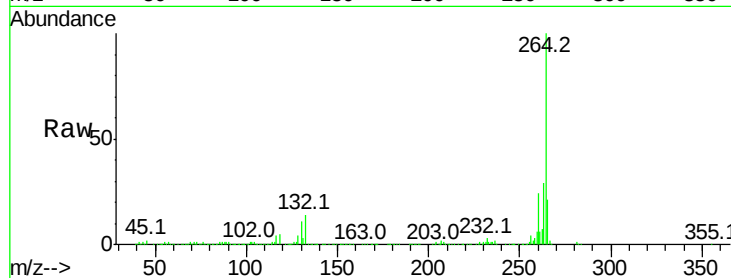




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091920.D
 Acq: 23 Dec 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.7	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

