

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092175.D
 Acq On : 10 Jan 2017 12:12
 Operator : UM/SJ
 Sample : I1055-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jan 10 14:41:27 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

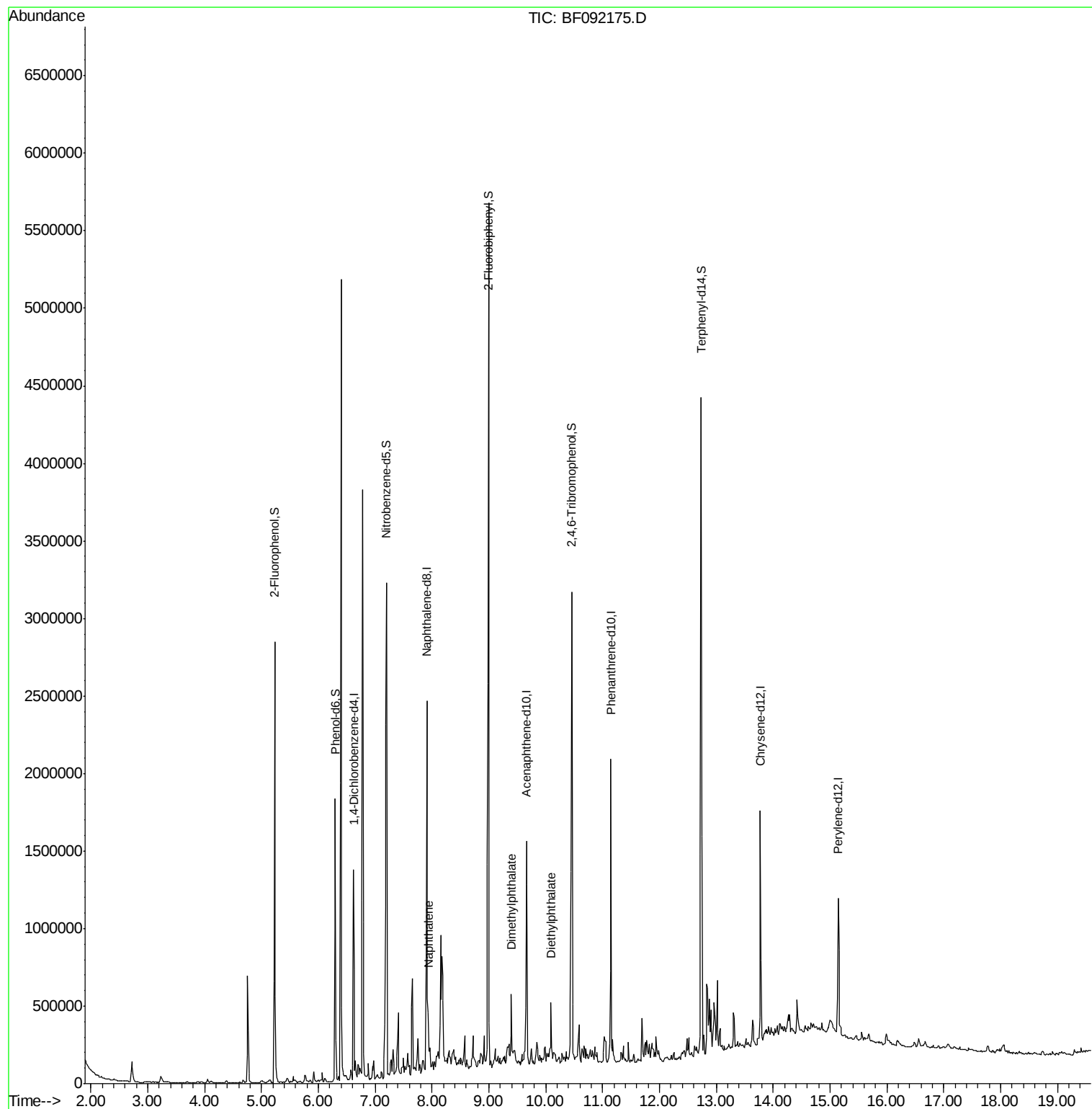
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	250964	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	1160948	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	480586	20.00	ng	-0.02
63) Phenanthrene-d10	11.14	188	774119	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	550340	20.00	ng	-0.01
86) Perylene-d12	15.15	264	440080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	832281	55.37	ng	0.00
7) Phenol-d6	6.30	99	788410	42.96	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1543177	73.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	408850	102.80	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2242953	97.53	ng	-0.01
78) Terphenyl-d14	12.73	244	1627218	71.71	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.93	128	109191	2.06	ng	# 96
49) Dimethylphthalate	9.40	163	228351	7.43	ng	99
59) Diethylphthalate	10.09	149	133916	4.49	ng	99

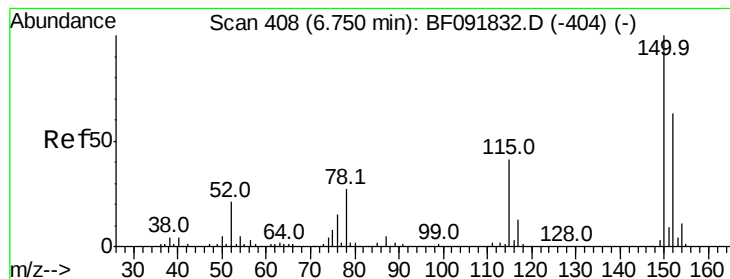
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Instrument :

BNA_F

ClientSampled :

W-31

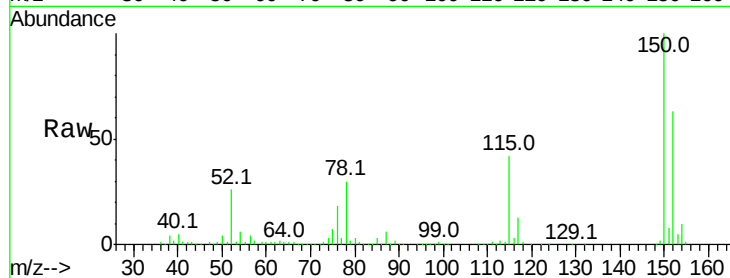
Tot Ion:152 Resp: 250964

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

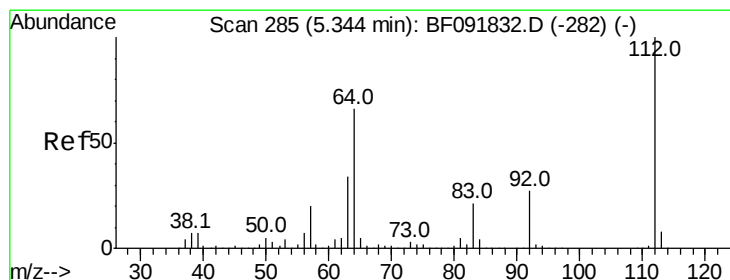
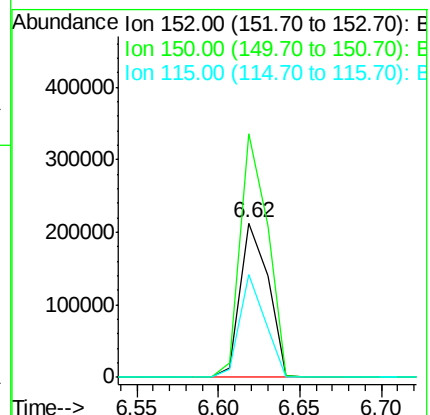
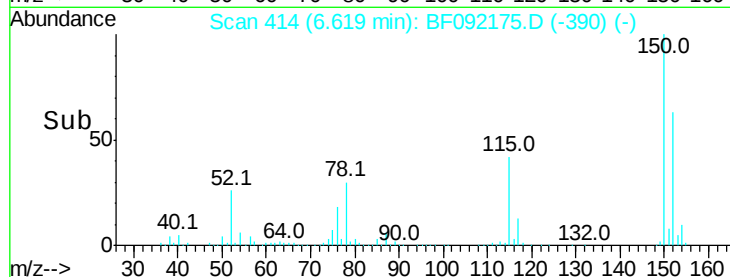
115 67.1 46.0 69.0



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: 55.37 ng

RT: 5.24 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

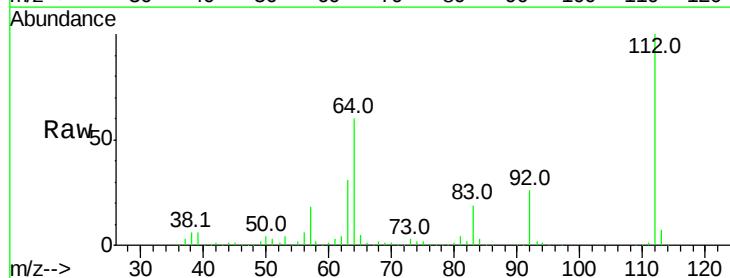
Tgt Ion:112 Resp: 832281

Ion Ratio Lower Upper

112 100

64 60.5 46.1 69.1

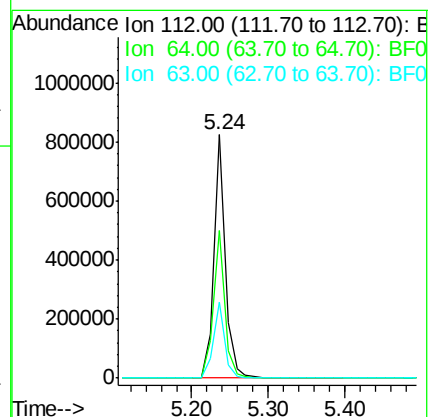
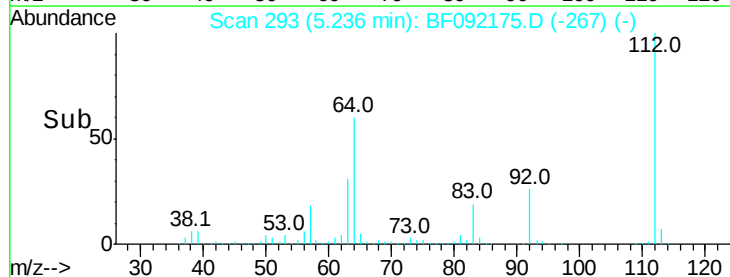
63 31.0 23.8 35.6



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: 42.96 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Instrument :

BNA_F

ClientSampleId :

W-31

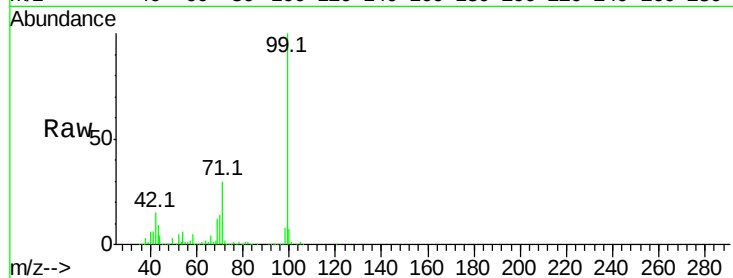
Tot Ion: 99 Resp: 788410

Ion Ratio Lower Upper

99 100

42 15.4 15.6 23.4#

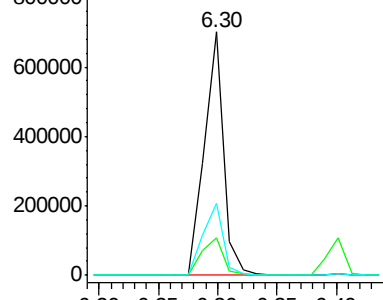
71 29.6 27.5 41.3



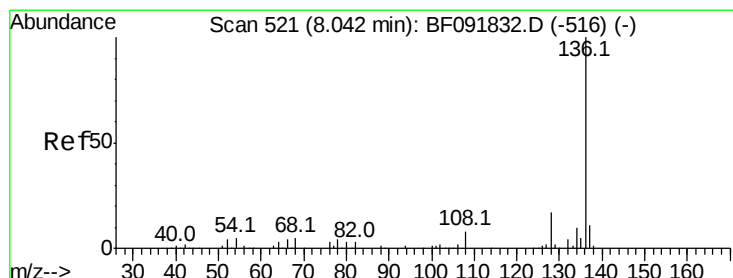
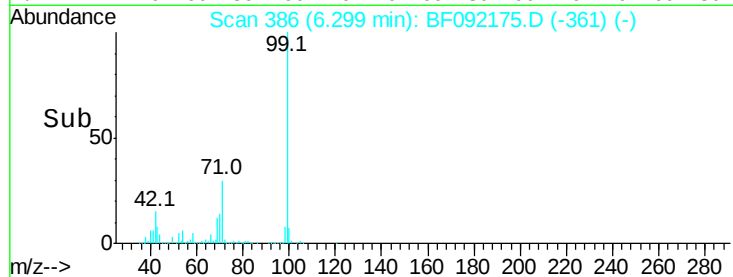
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Tgt Ion: 136 Resp: 1160948

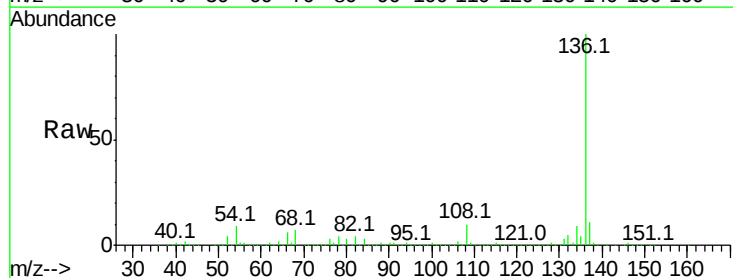
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.6 4.5 6.7#

68 7.0 3.6 5.4#

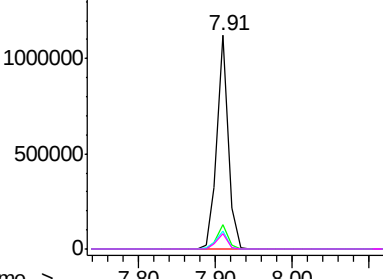


Abundance Ion 136.00 (135.70 to 136.70): E

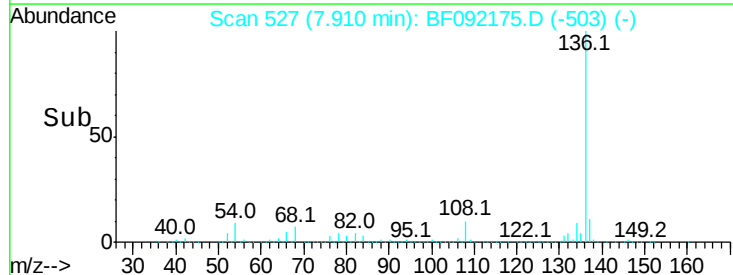
Ion 137.00 (136.70 to 137.70): E

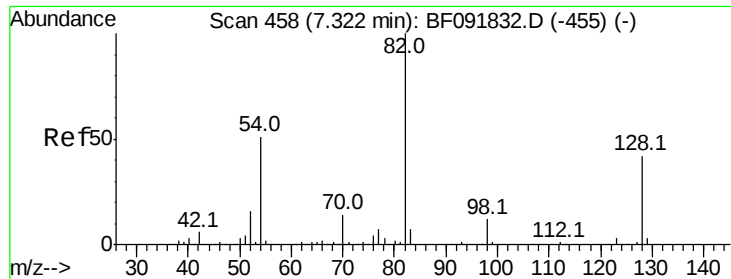
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





#23

Nitrobenzene-d5

Concen: 73.91 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Instrument :

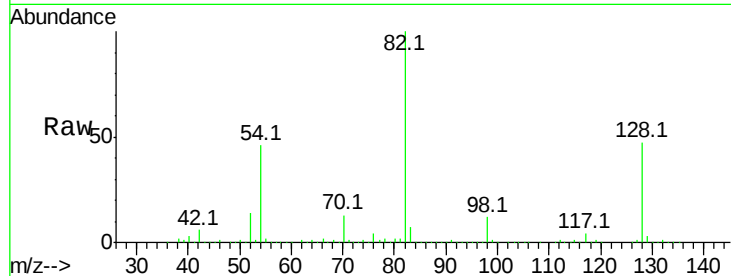
BNA_F

ClientSampled :

W-31

Tot Ion: 82 Resp: 1543177

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	52.0
54	46.3	39.5	59.3

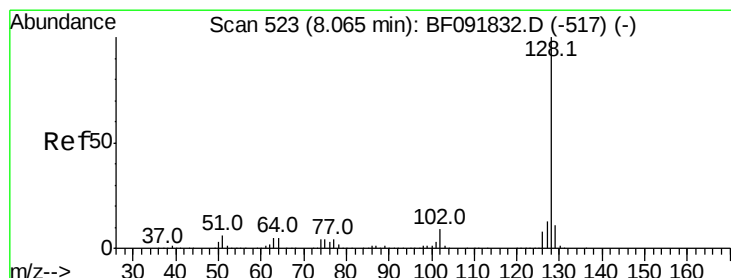
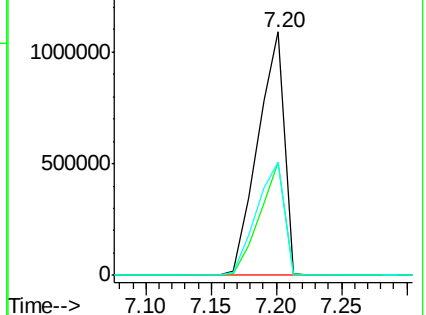
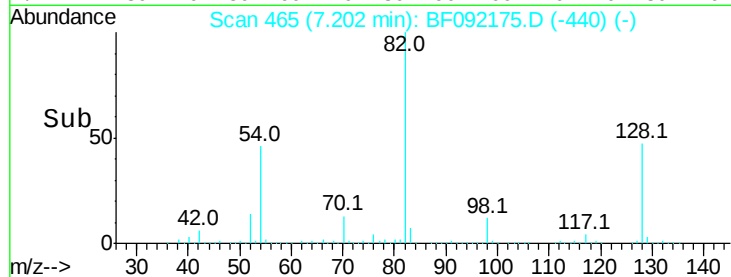


Abundance

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: 2.06 ng

RT: 7.93 min Scan# 529

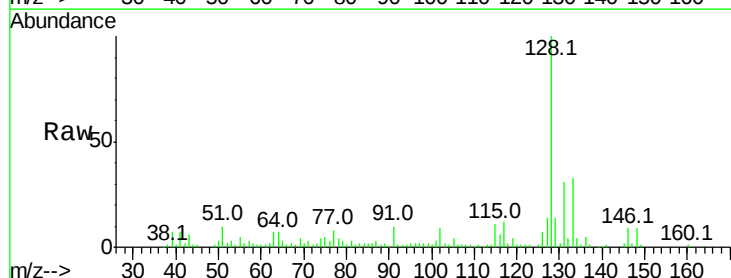
Delta R.T. -0.02 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Tgt Ion: 128 Resp: 109191

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.5	14.3#
127	14.5	10.8	16.2

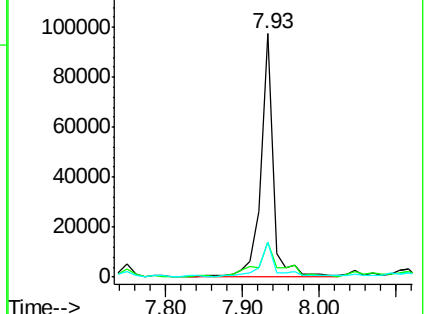
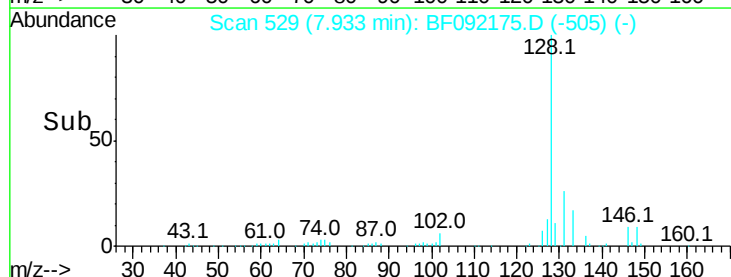


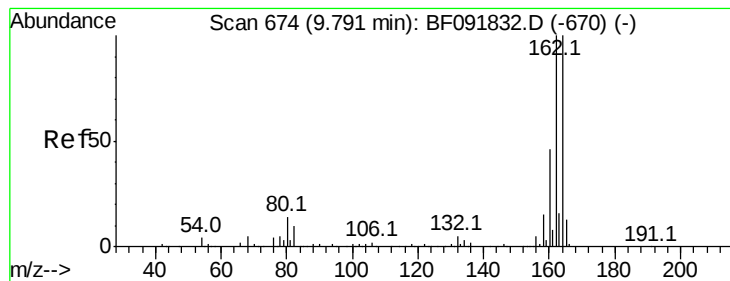
Abundance

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Instrument :

BNA_F

ClientSampleId :

W-31

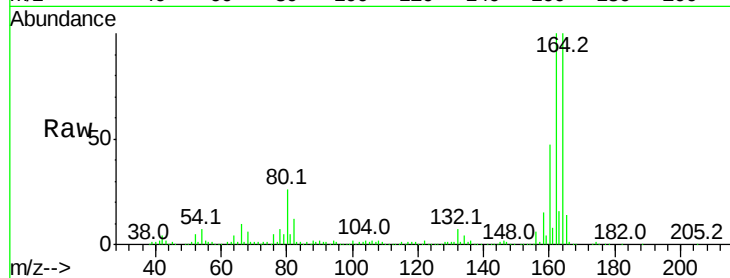
Tot Ion:164 Resp: 480586

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

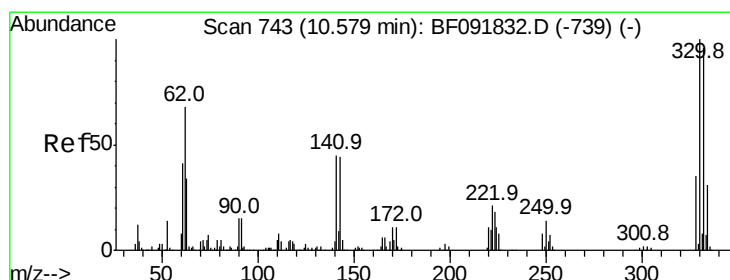
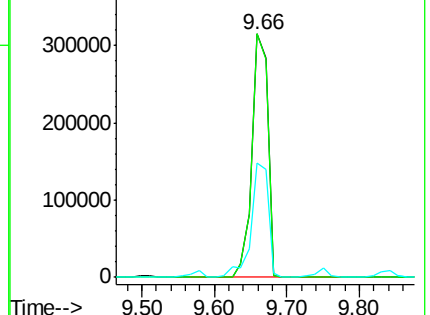
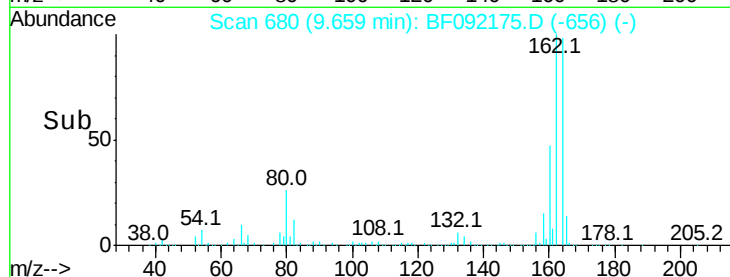
160 47.0 36.9 55.3



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: 102.80 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

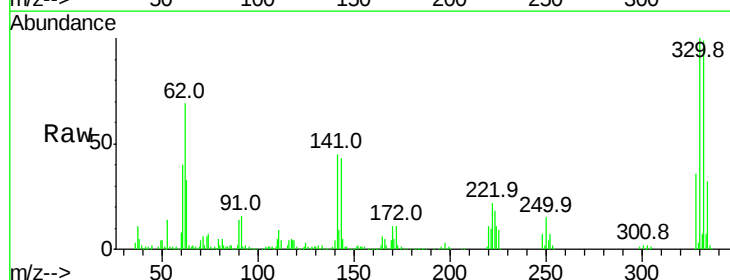
Tgt Ion:330 Resp: 408850

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

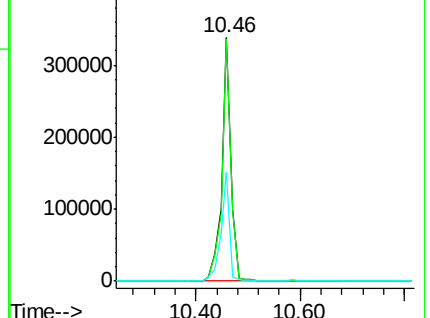
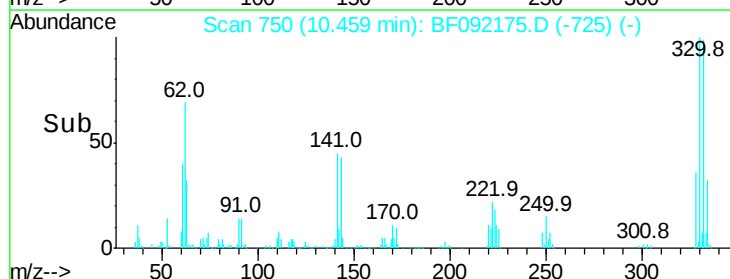
141 41.0 34.1 51.1



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

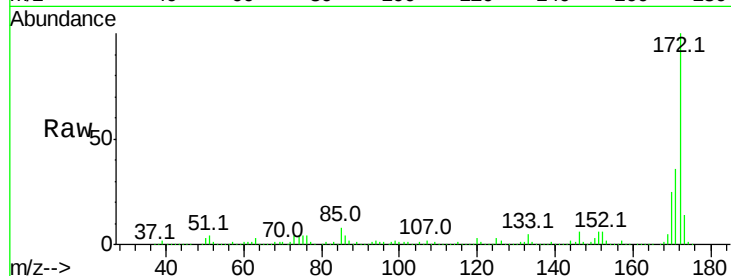




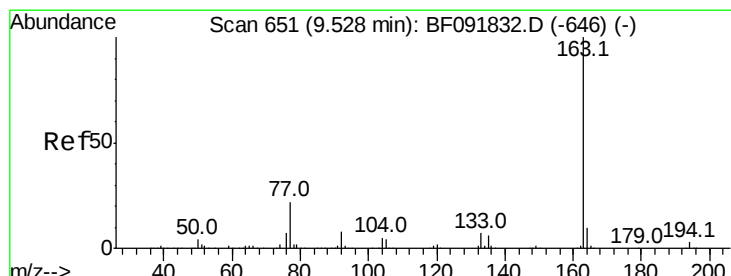
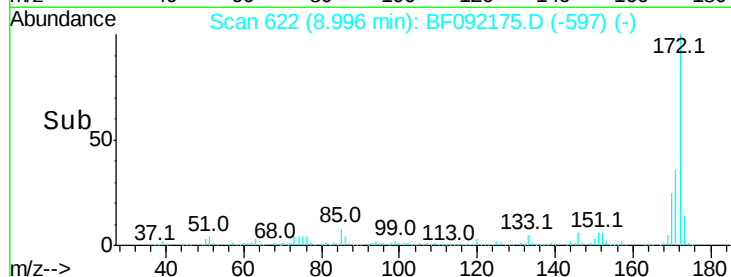
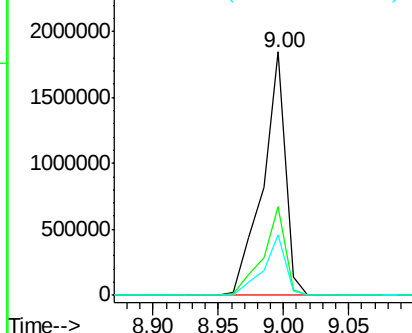
#44
2-Fluorobiphenyl
Concen: 97.53 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092175.D
Acq: 10 Jan 2017 12:12

Instrument :
BNA_F
ClientSampled :
W-31

Tot Ion:172 Resp: 2242953
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.8 20.2 30.4

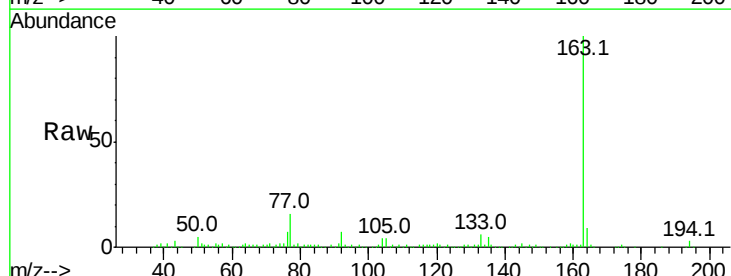


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

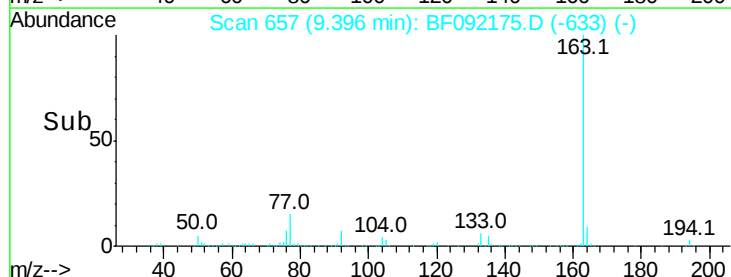
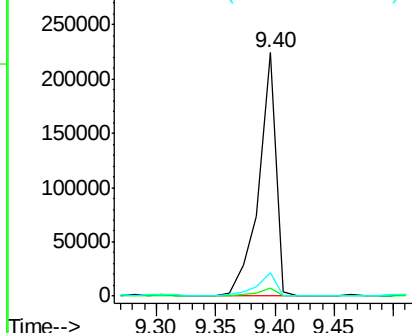


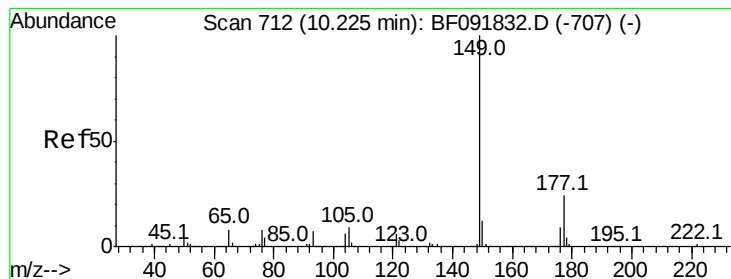
#49
Dimethylphthalate
Concen: 7.43 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092175.D
Acq: 10 Jan 2017 12:12

Tgt Ion:163 Resp: 228351
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.4 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: 4.49 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Instrument :

BNA_F

ClientSampleId :

W-31

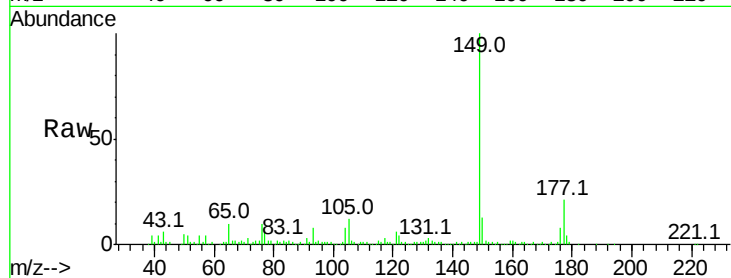
Tot Ion:149 Resp: 133916

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

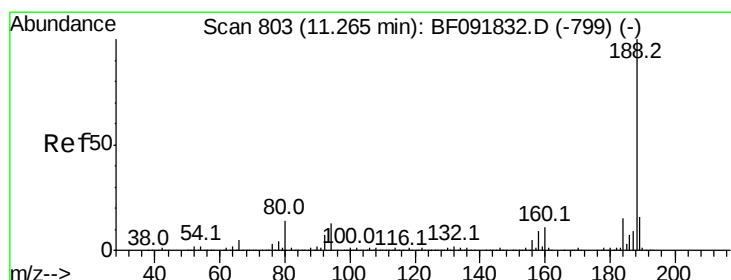
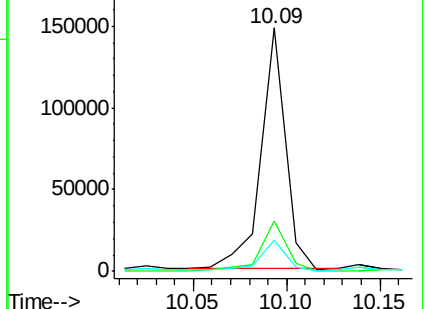
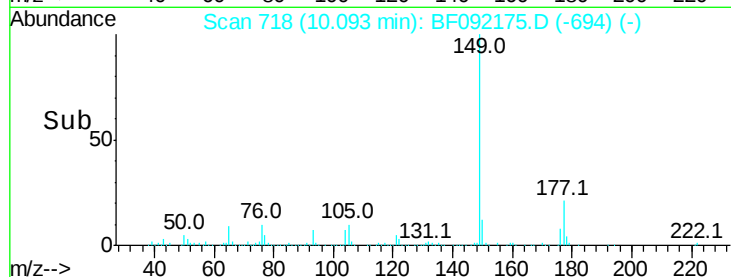
150 12.6 10.4 15.6



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: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

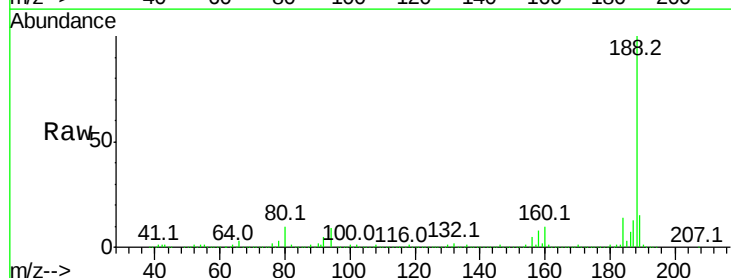
Tgt Ion:188 Resp: 774119

Ion Ratio Lower Upper

188 100

94 9.0 10.0 15.0#

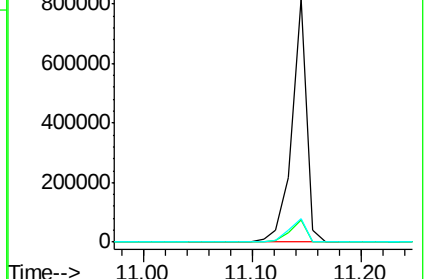
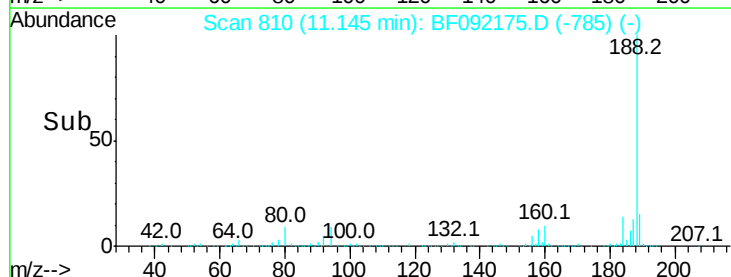
80 9.6 11.2 16.8#

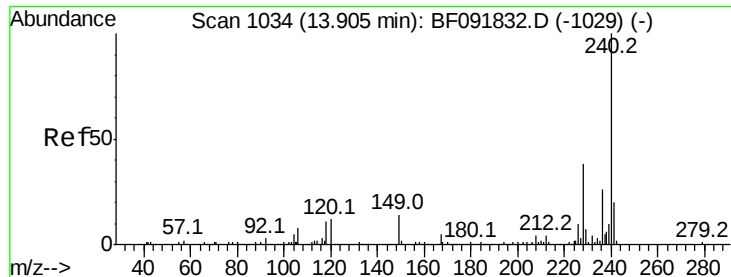


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

Instrument :

BNA_F

ClientSampleId :

W-31

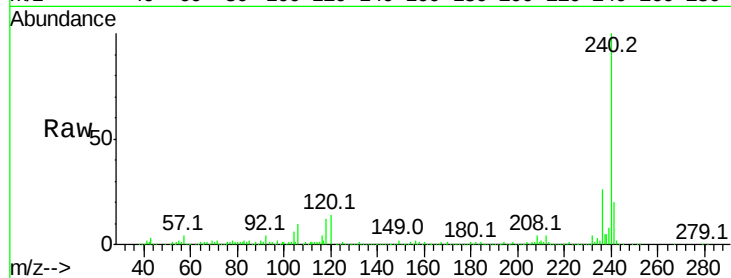
Tot Ion:240 Resp: 550340

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

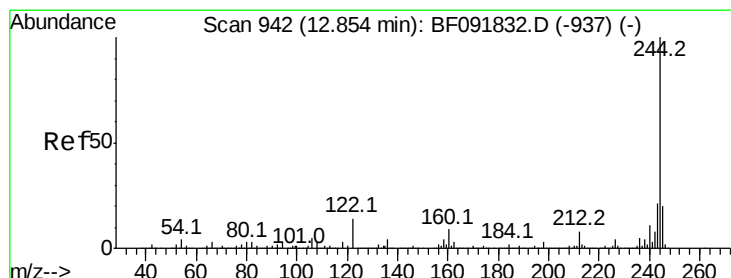
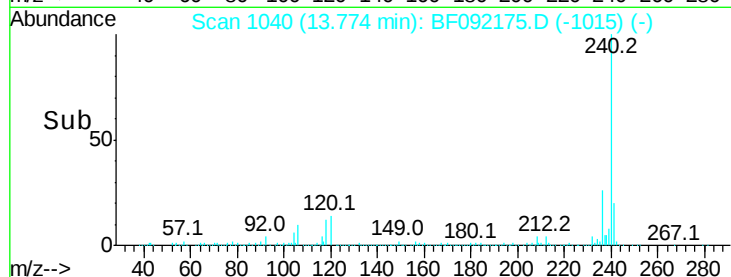
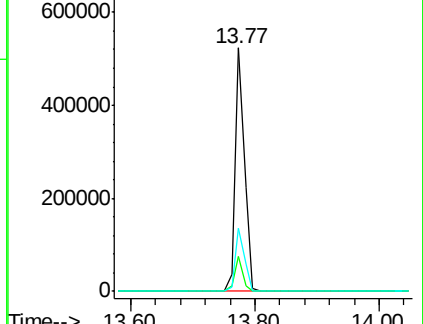
236 26.0 20.9 31.3



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: 71.71 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092175.D

Acq: 10 Jan 2017 12:12

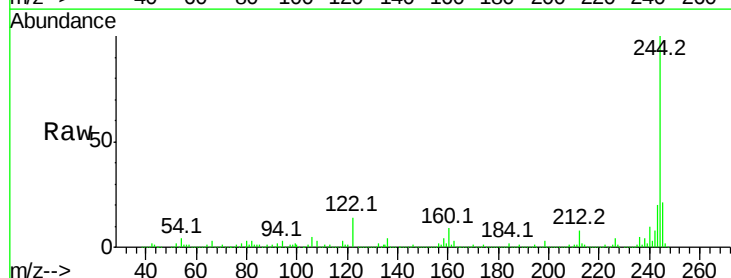
Tgt Ion:244 Resp: 1627218

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

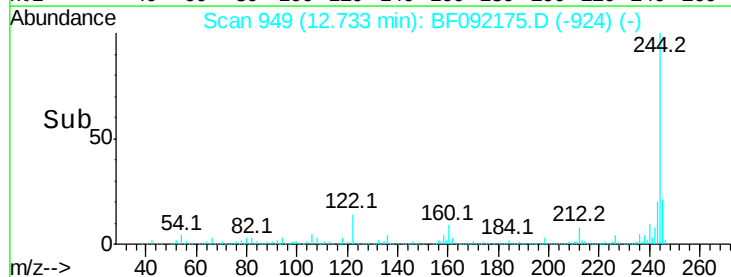
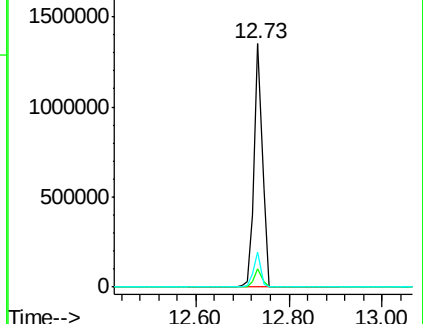
122 14.4 11.4 17.2

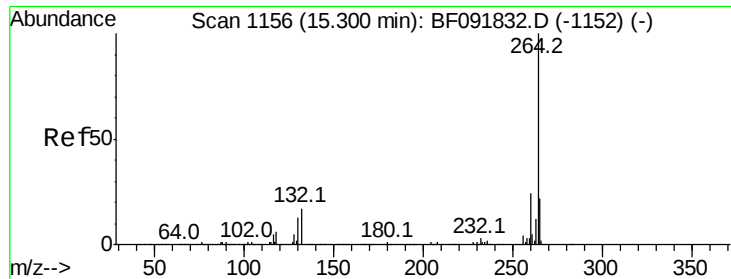


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF092175.D
 Acq: 10 Jan 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.2	28.8	
265	22.0	17.4	26.0	

