

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092693.D
 Acq On : 31 Jan 2017 20:52
 Operator : SJ/MA
 Sample : I1594-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Quant Time: Feb 01 00:51:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

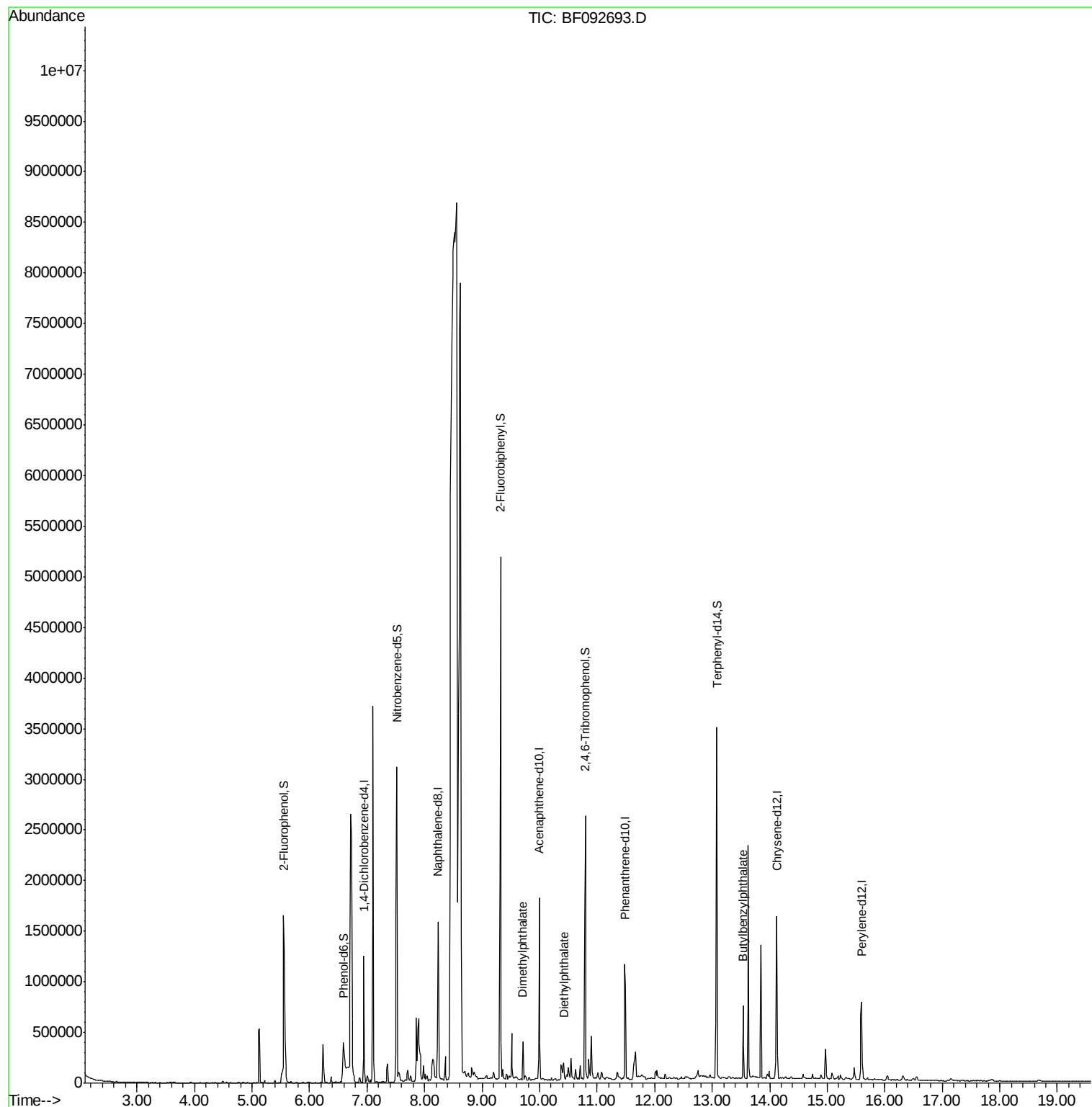
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174598	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	678235	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	377513	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	582555	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	517435	20.00	ng	-0.02
86) Perylene-d12	15.60	264	394314	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	733525	72.08	ng	-0.02
7) Phenol-d6	6.59	99	433346	33.09	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1173050	96.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	359951	131.83	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1766954	84.80	ng	-0.01
78) Terphenyl-d14	13.08	244	1713896	77.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	139935	5.50	ng	Qvalue 99
59) Diethylphthalate	10.42	149	69656	2.91	ng	# 92
79) Butylbenzylphthalate	13.54	149	185674	11.81	ng	96

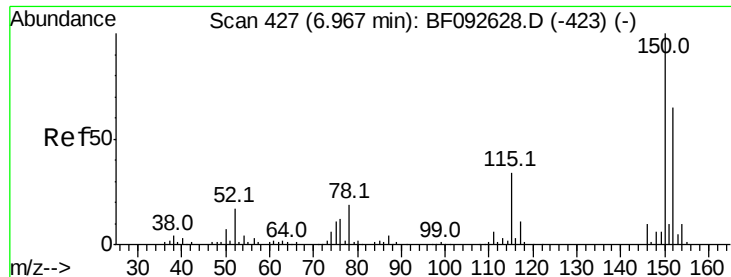
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Instrument :

BNA_F

ClientSampleId :

MH-6

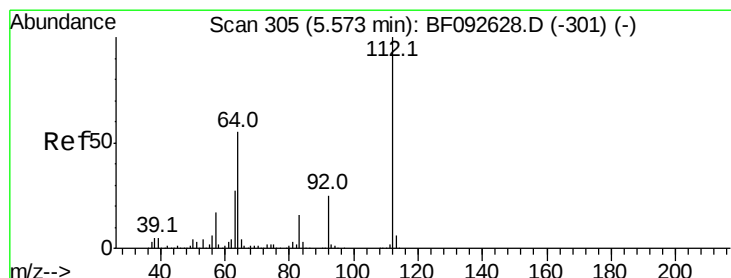
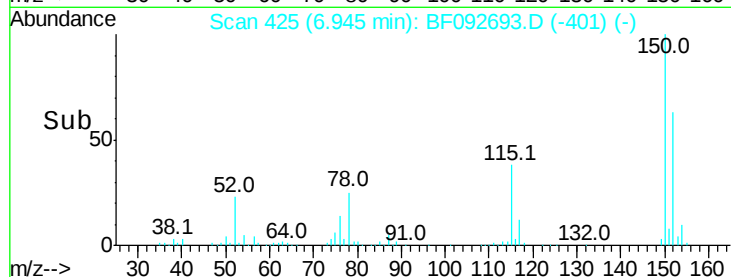
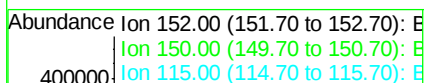
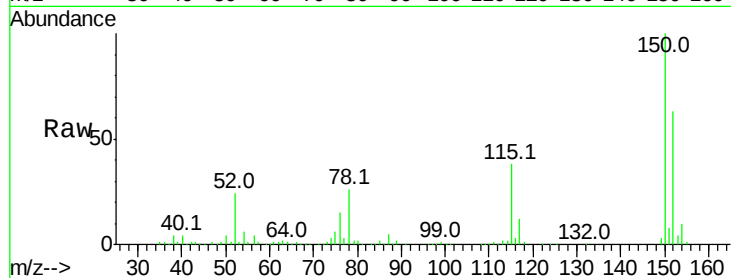
Tot Ion:152 Resp: 174598

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

115 59.8 46.0 69.0



#5

2-Fluorophenol

Concen: 72.08 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

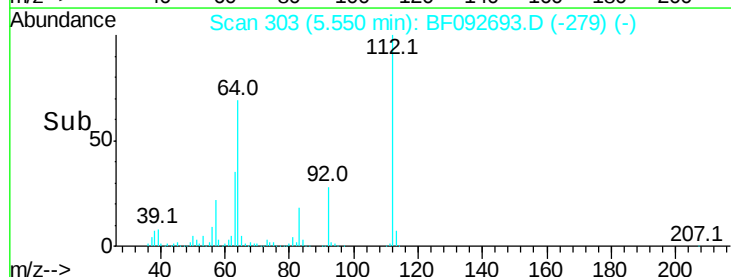
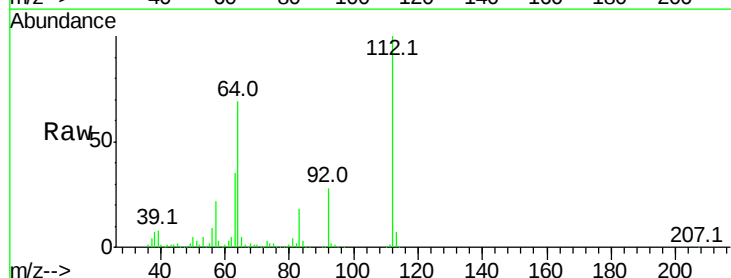
Tgt Ion:112 Resp: 733525

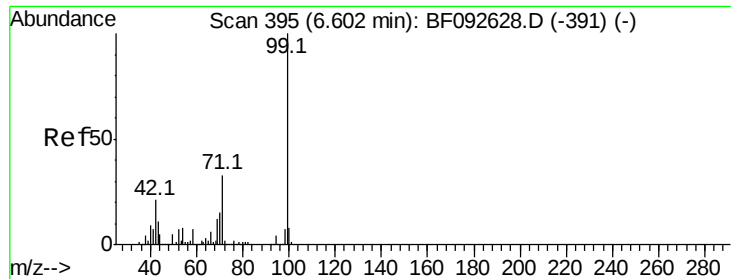
Ion Ratio Lower Upper

112 100

64 69.4 46.1 69.1#

63 35.4 23.8 35.6





#7

Phenol-d6

Concen: 33.09 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Instrument :

BNA_F

ClientSampleId :

MH-6

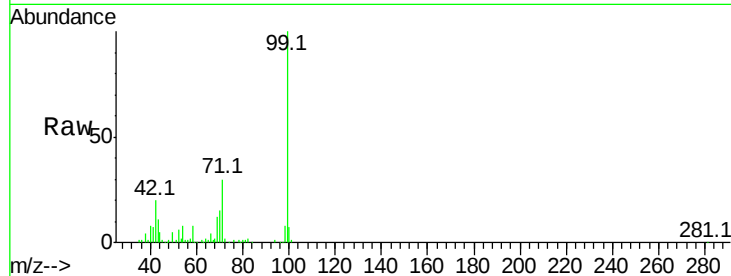
Tot Ion: 99 Resp: 433346

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

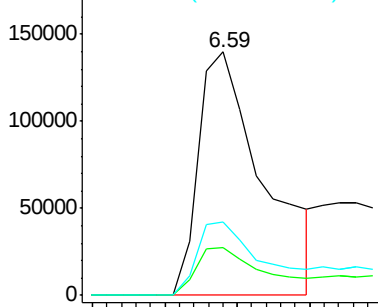
71 30.3 27.5 41.3



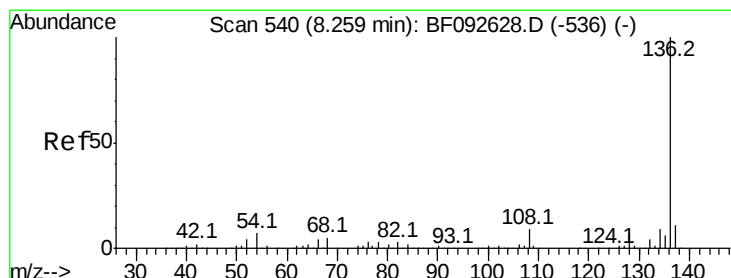
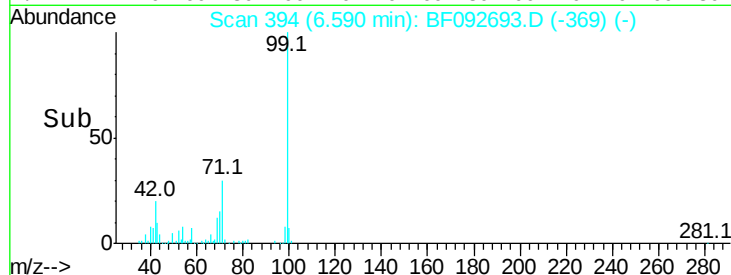
Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Tgt Ion: 136 Resp: 678235

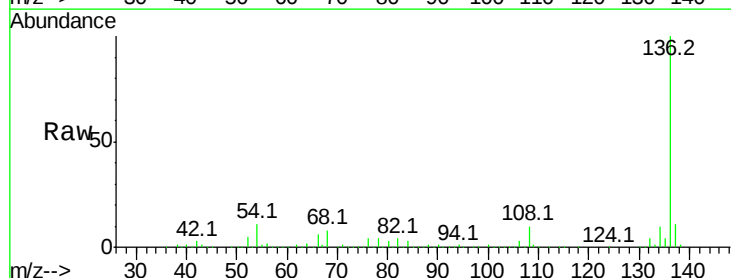
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.1 4.5 6.7#

68 7.8 3.6 5.4#

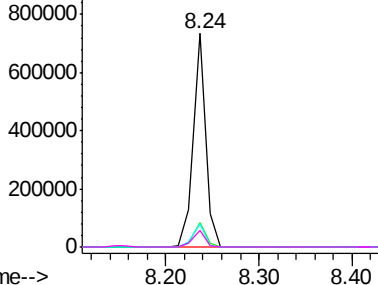


Abundance Ion 136.00 (135.70 to 136.70): E

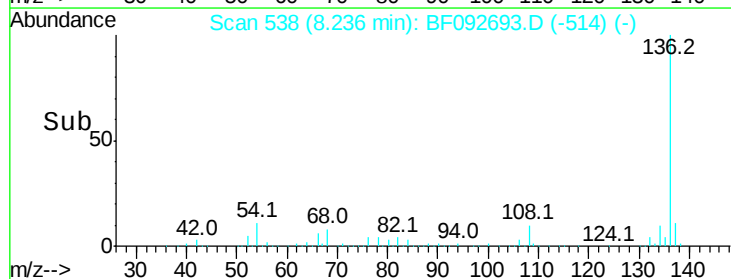
Ion 137.00 (136.70 to 137.70): E

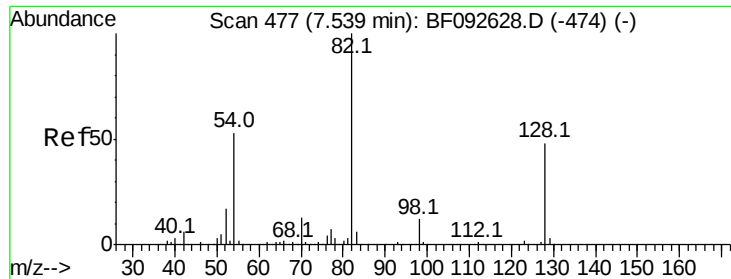
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



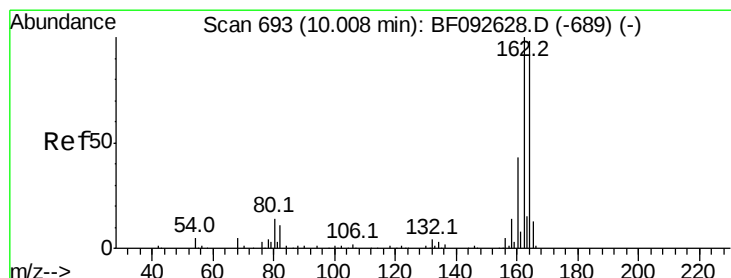
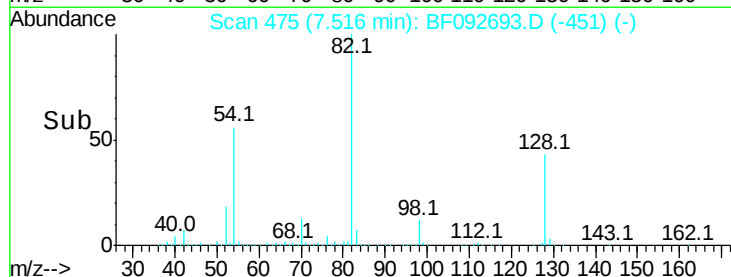
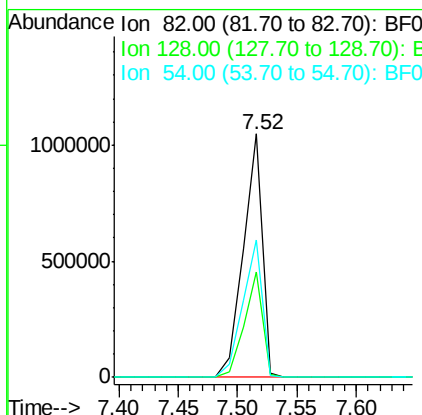
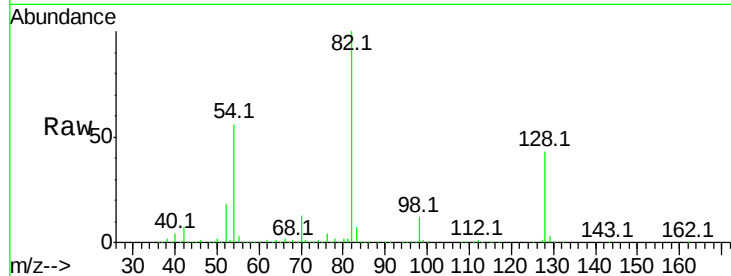


#23
 Nitrobenzene-d5
 Concen: 96.31 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092693.D
 Acq: 31 Jan 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tot Ion: 82 Resp: 1173050

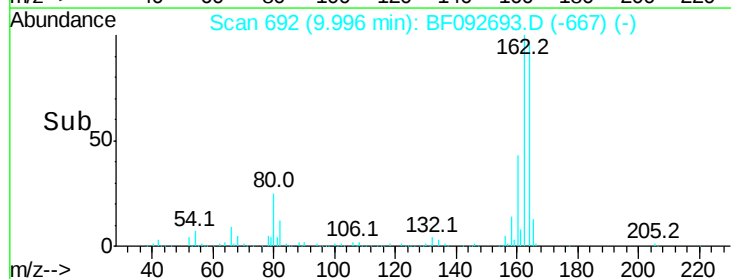
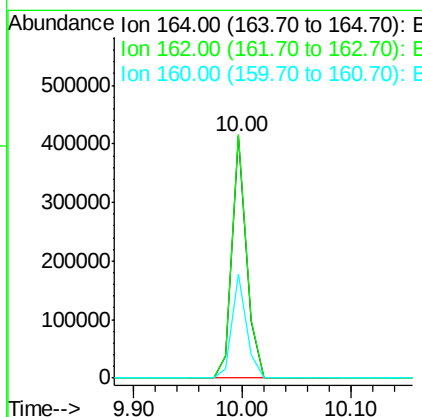
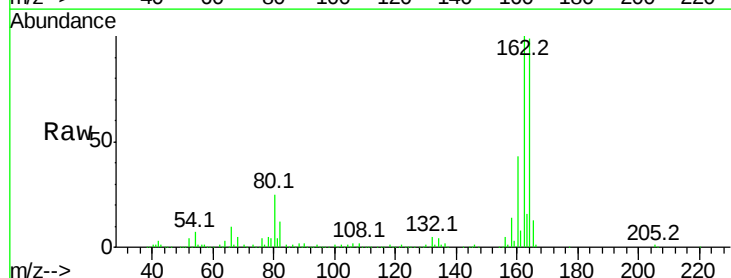
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	56.3	39.5	59.3

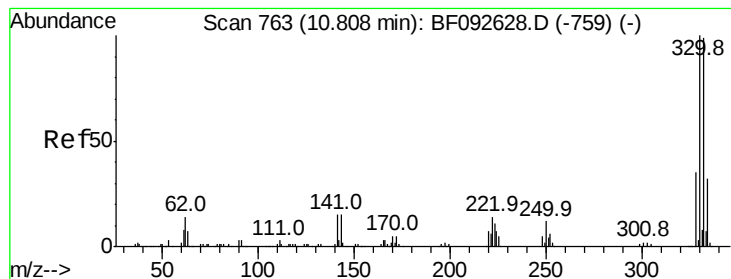


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092693.D
 Acq: 31 Jan 2017 20:52

Tgt Ion:164 Resp: 377513

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	42.8	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 131.83 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Instrument :

BNA_F

ClientSampleId :

MH-6

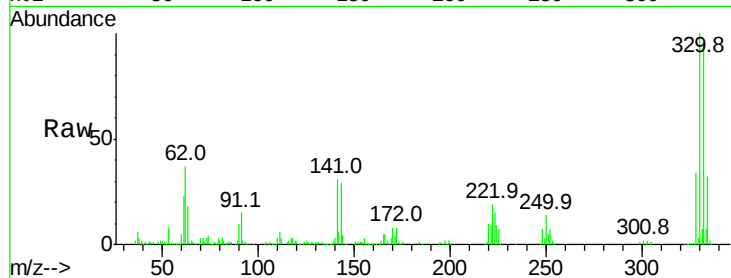
Tot Ion:330 Resp: 359951

Ion Ratio Lower Upper

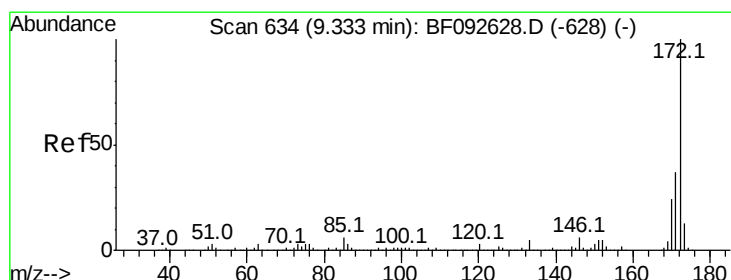
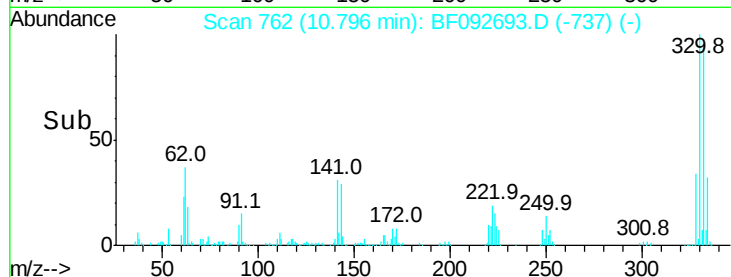
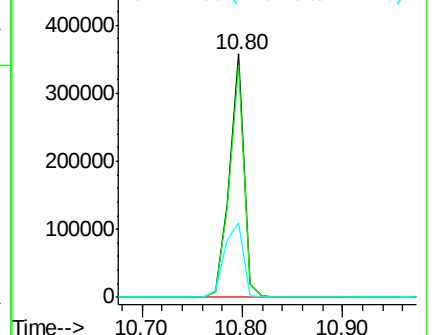
330 100

332 95.5 77.4 116.2

141 39.8 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: 84.80 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

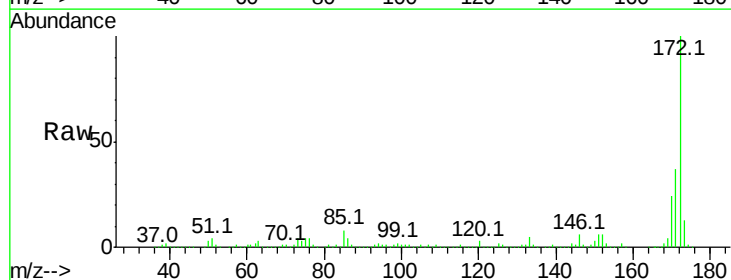
Tgt Ion:172 Resp: 1766954

Ion Ratio Lower Upper

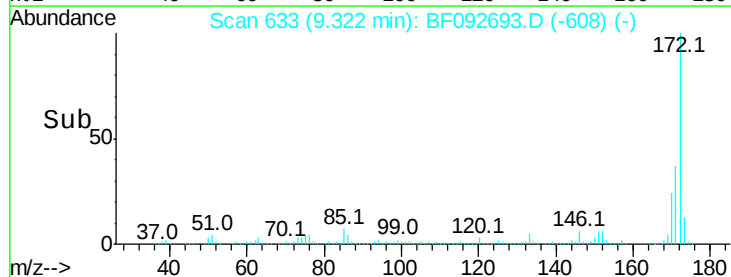
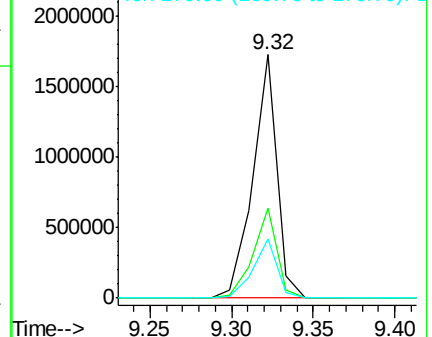
172 100

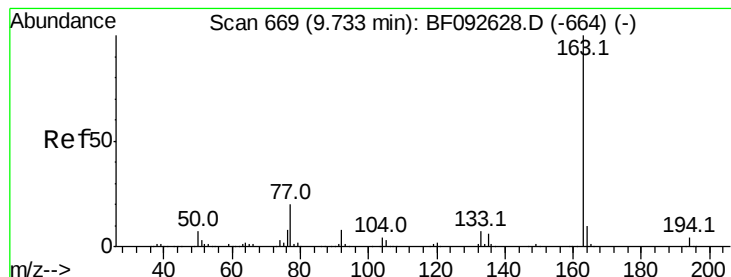
171 36.7 29.4 44.0

170 24.5 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: 5.50 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Instrument :

BNA_F

ClientSampleId :

MH-6

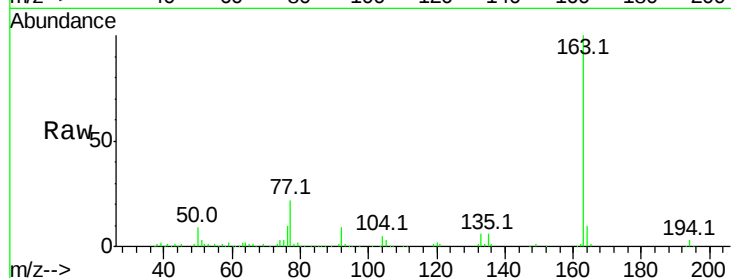
Tot Ion:163 Resp: 139935

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

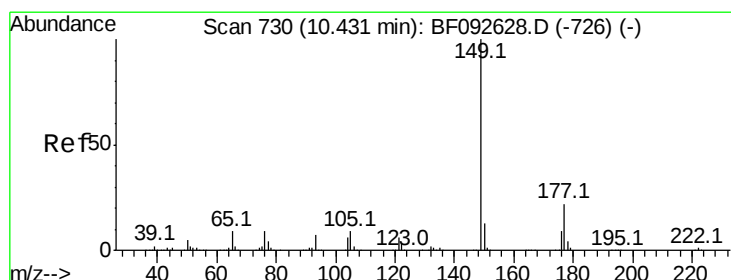
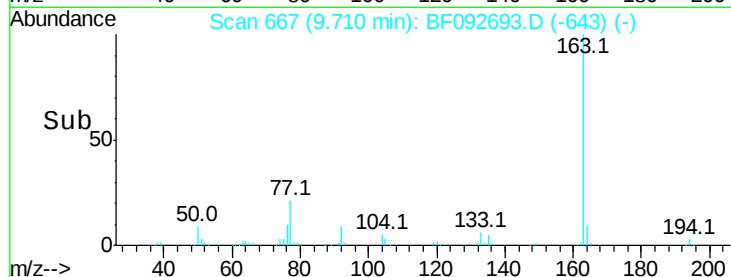
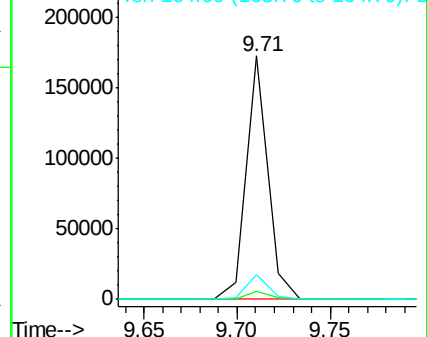
164 10.2 8.0 12.0



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: 2.91 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

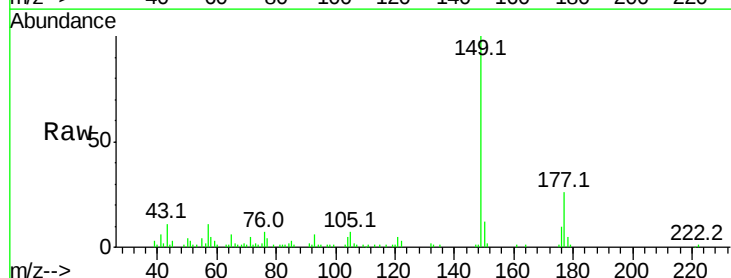
Tgt Ion:149 Resp: 69656

Ion Ratio Lower Upper

149 100

177 26.1 16.6 25.0#

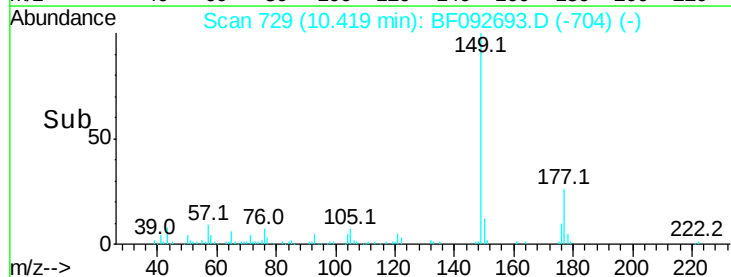
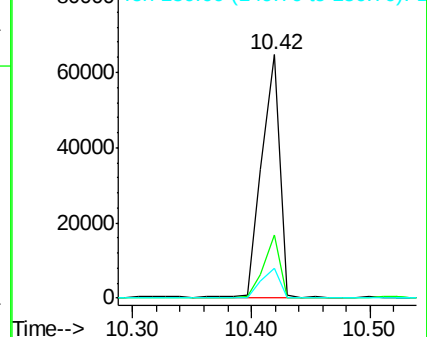
150 12.0 10.4 15.6

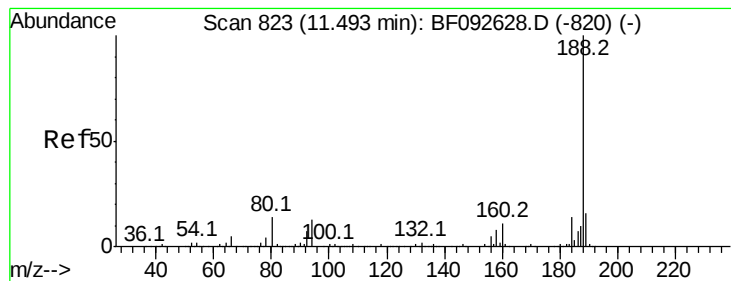


Abundance Ion 149.00 (148.70 to 149.70): E

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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Instrument :

BNA_F

ClientSampled :

MH-6

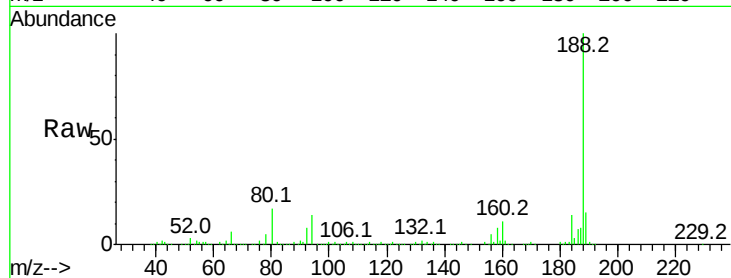
Tot Ion:188 Resp: 582555

Ion Ratio Lower Upper

188 100

94 14.3 10.0 15.0

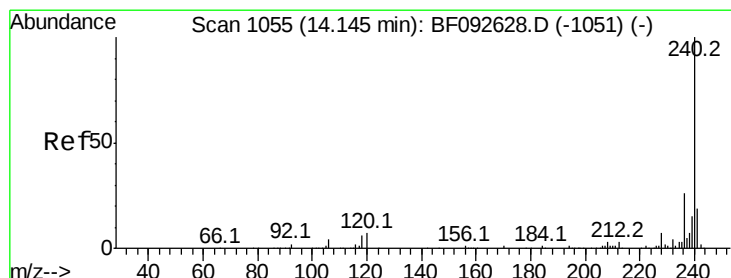
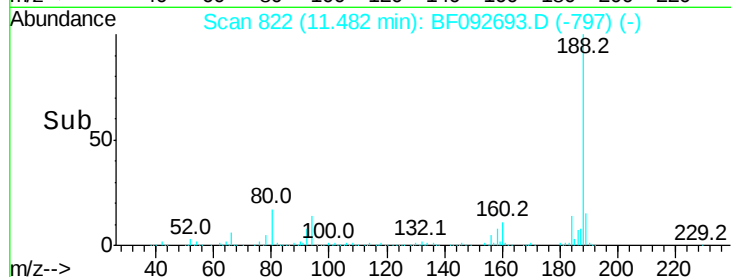
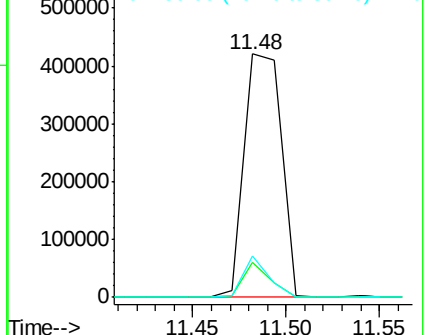
80 16.8 11.2 16.8#



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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

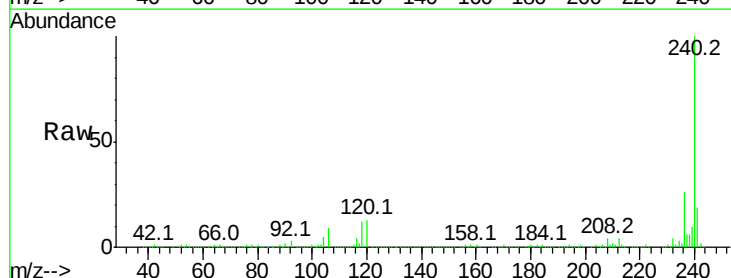
Tgt Ion:240 Resp: 517435

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

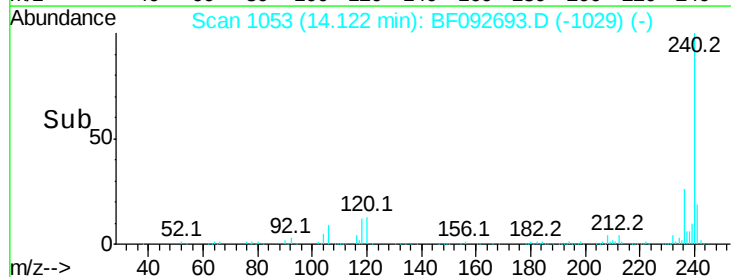
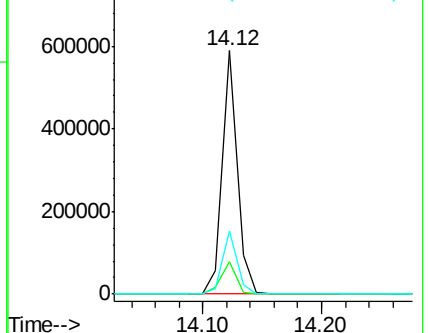
236 26.1 20.9 31.3

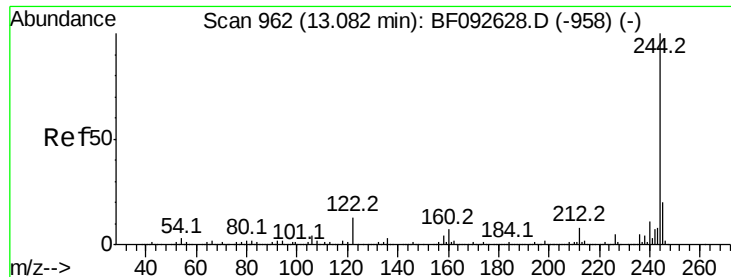


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.83 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

Instrument :

BNA_F

ClientSampleId :

MH-6

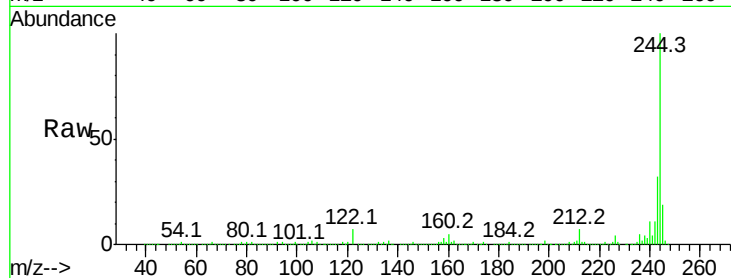
Tot Ion:244 Resp: 1713896

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

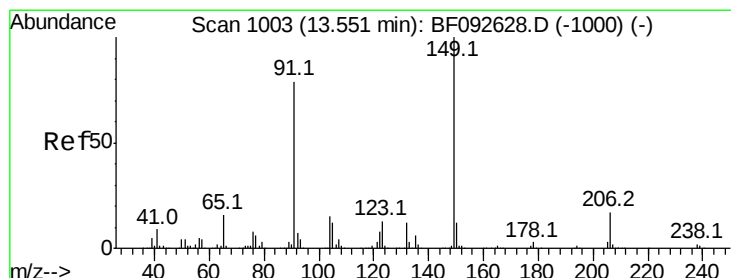
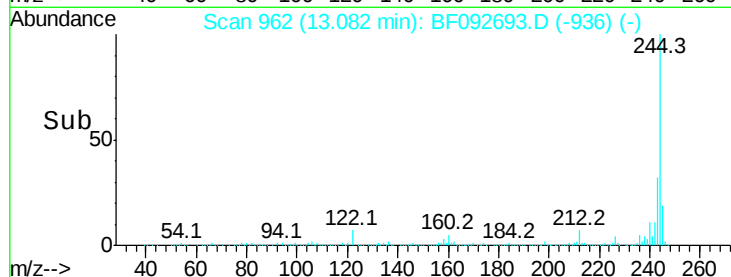
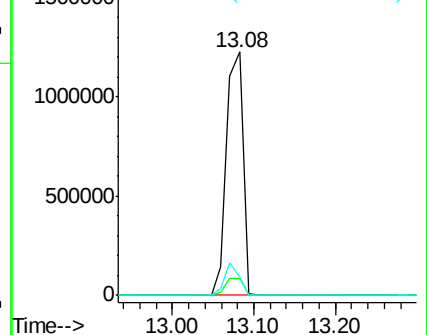
122 7.4 11.4 17.2#



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



#79

Butylbenzylphthalate

Concen: 11.81 ng

RT: 13.54 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF092693.D

Acq: 31 Jan 2017 20:52

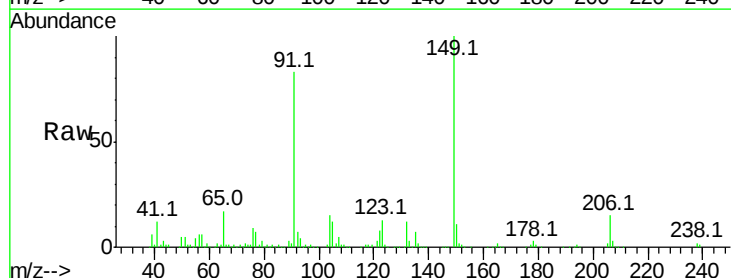
Tgt Ion:149 Resp: 185674

Ion Ratio Lower Upper

149 100

91 82.8 63.9 95.9

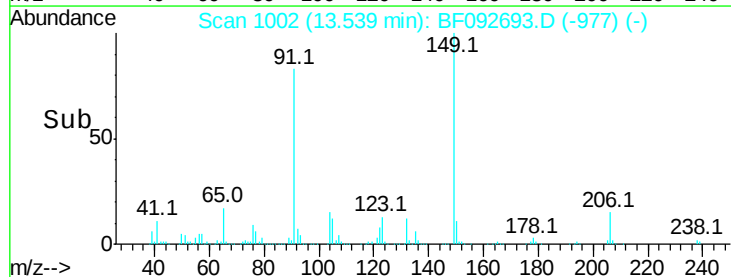
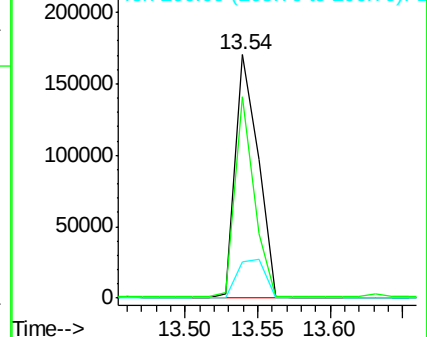
206 14.7 14.6 21.8

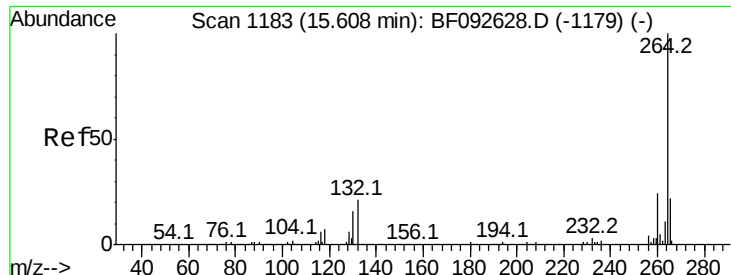


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

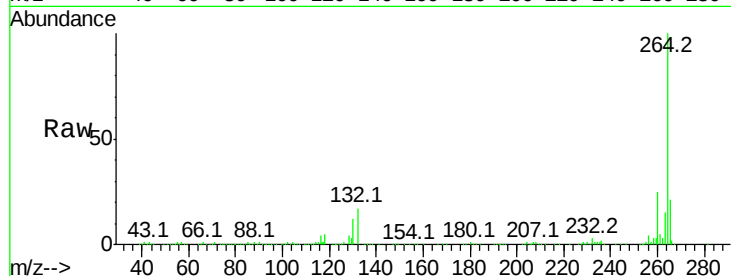




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092693.D
 Acq: 31 Jan 2017 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tot Ion:264 Resp: 394314
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.4 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

