

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100693.D
 Acq On : 18 Nov 2017 00:11
 Operator : SJ/JU
 Sample : I6419-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)

Quant Time: Nov 18 02:53:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

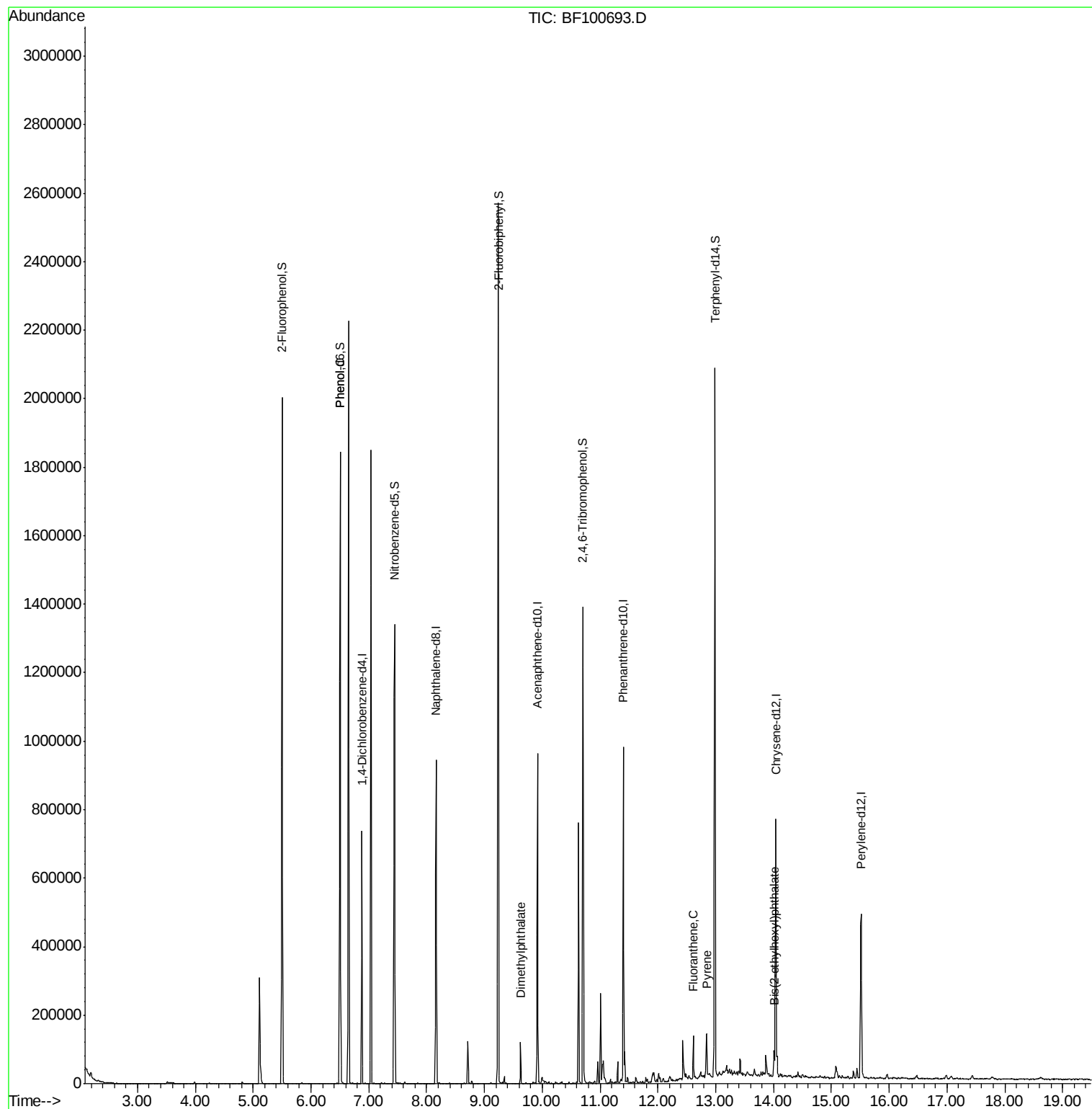
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	101433	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	405630	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188871	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345982	20.00	ng	0.00
75) Chrysene-d12	14.04	240	237376	20.00	ng	0.00
86) Perylene-d12	15.52	264	233802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	586369	92.67	ng	0.01
7) Phenol-d6	6.51	99	728498	93.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	449651	73.29	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	189388	98.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	861462	69.45	ng	0.00
78) Terphenyl-d14	12.99	244	671714	65.02	ng	0.00
Target Compounds						
10) Phenol	6.52	94	25441	3.106	ng	92
49) Dimethylphthalate	9.63	163	48014	3.330	ng	# 98
74) Fluoranthene	12.61	202	50057	2.593	ng	95
77) Pyrene	12.84	202	52359	3.094	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	20138	2.219	ng	100

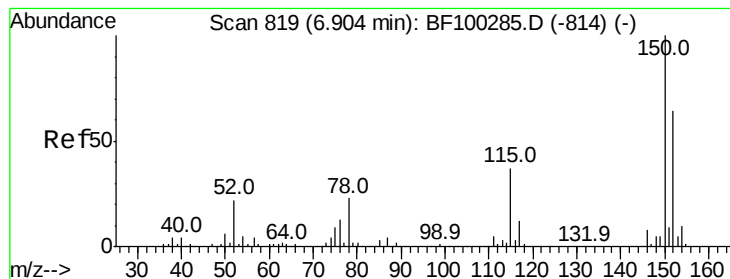
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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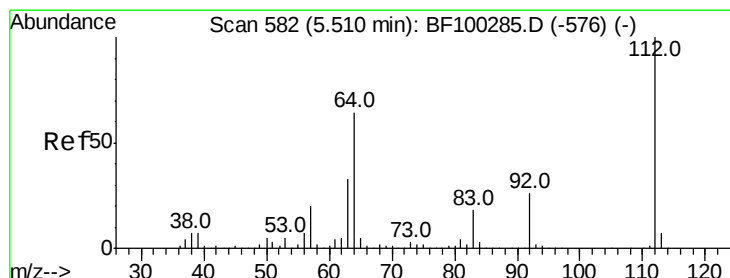
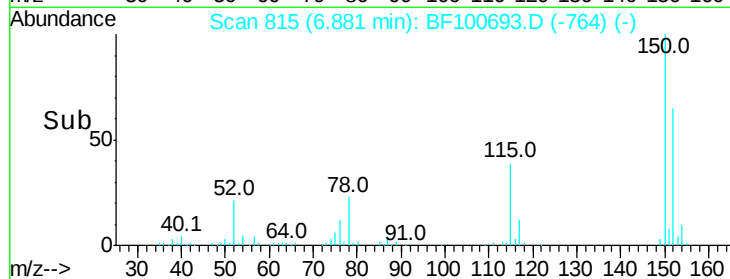
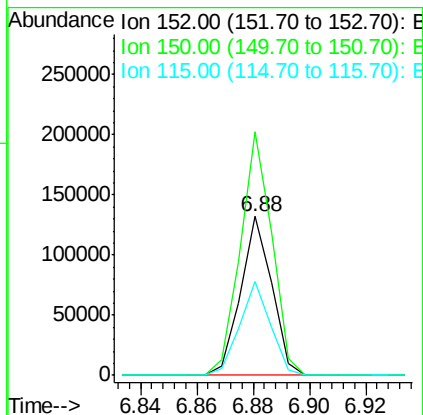
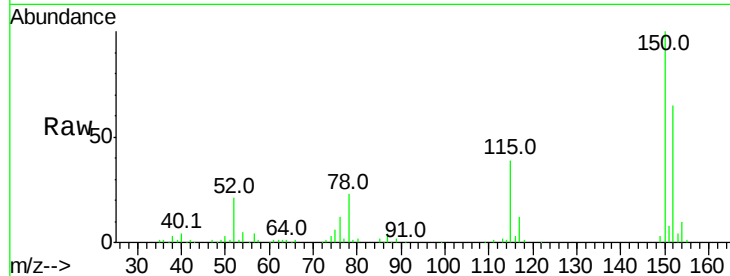


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

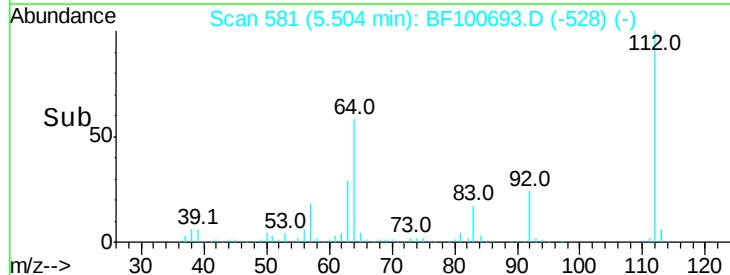
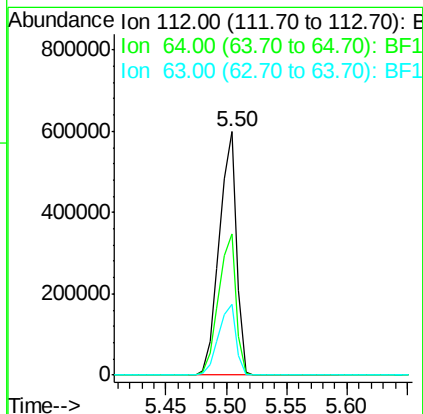
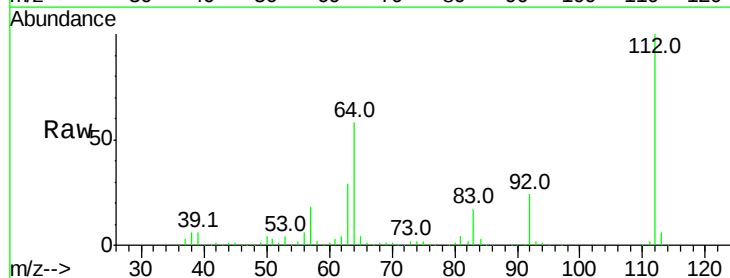
Tot Ion:152 Resp: 101433
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 59.2 50.1 75.1



#5

2-Fluorophenol
Concen: 92.666 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:112 Resp: 586369
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 93.362 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)

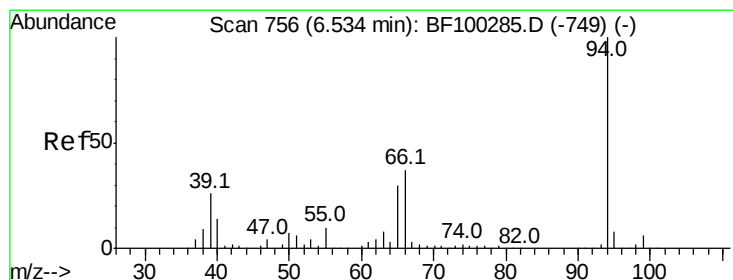
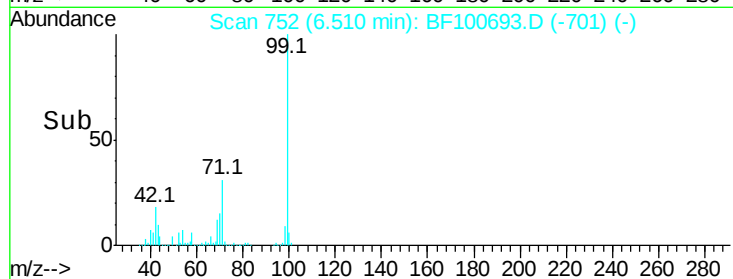
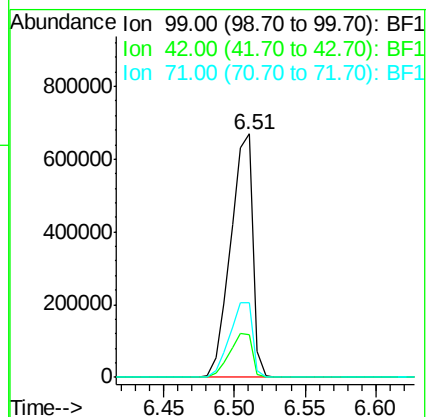
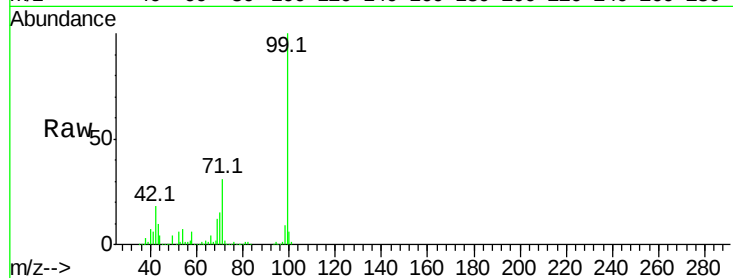
Tot Ion: 99 Resp: 728498

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 30.7 25.4 38.0



#10

Phenol

Concen: 3.106 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

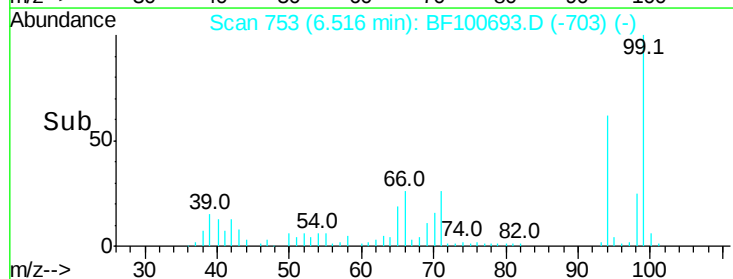
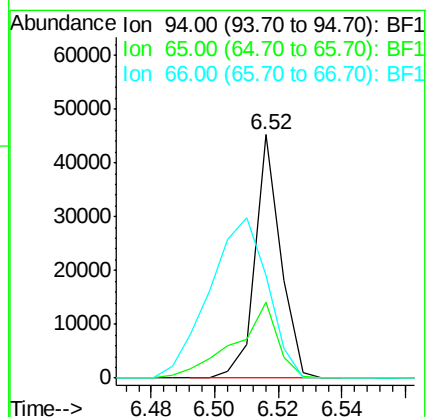
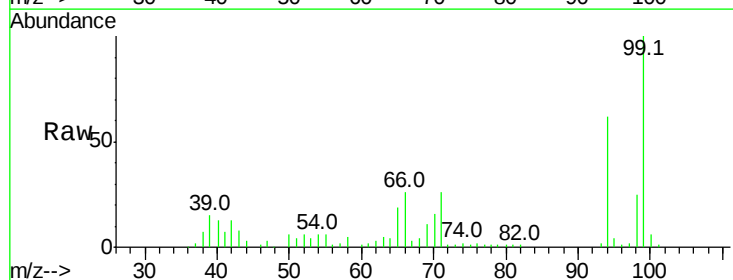
Tgt Ion: 94 Resp: 25441

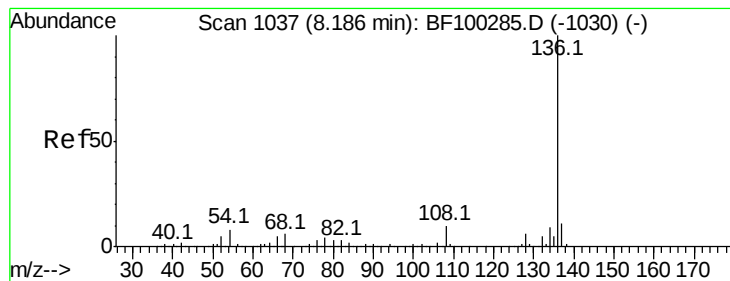
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 42.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)

Tot Ion:136 Resp: 405630

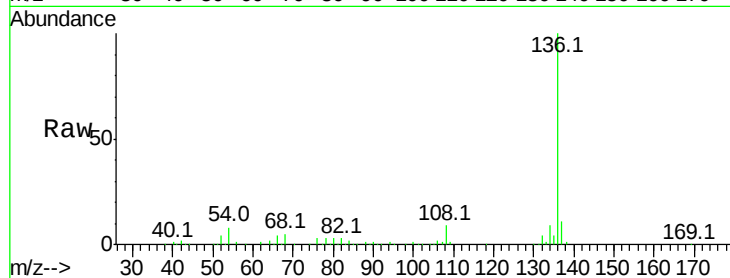
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.4 5.0 7.4

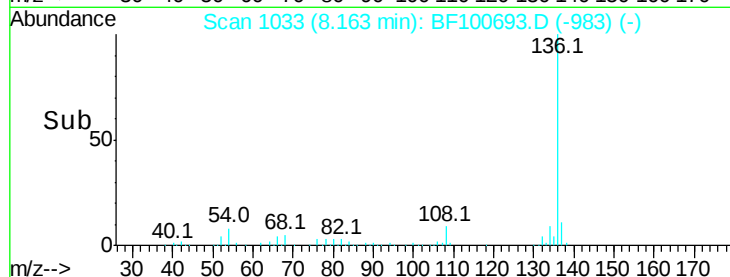


Abundance Ion 136.00 (135.70 to 136.70): E

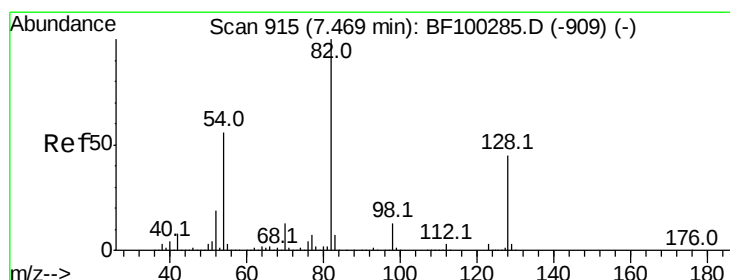
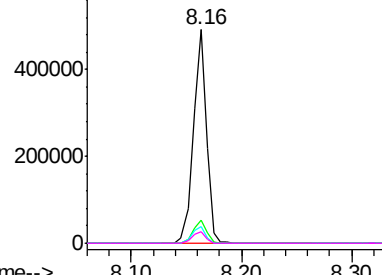
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 73.288 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

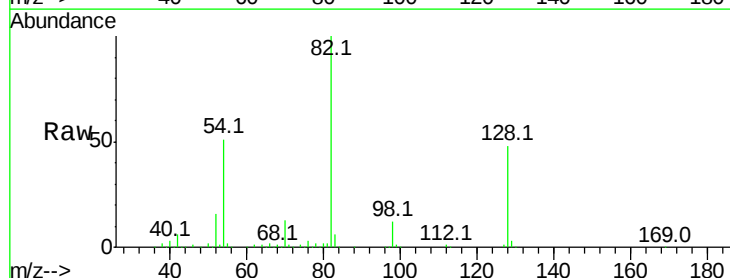
Tgt Ion: 82 Resp: 449651

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

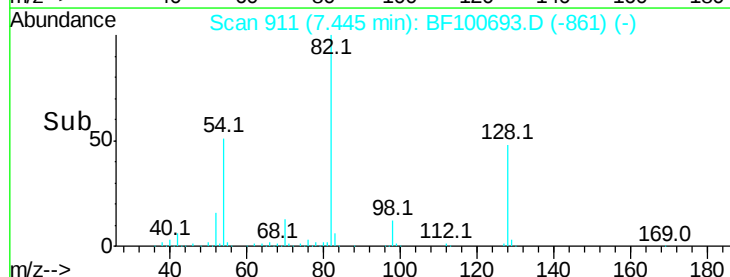
54 51.2 41.4 62.2



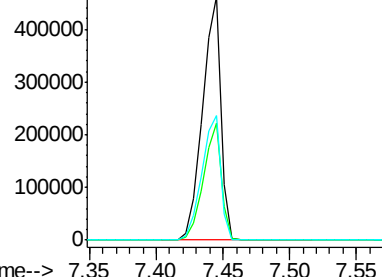
Abundance Ion 82.00 (81.70 to 82.70): BF1

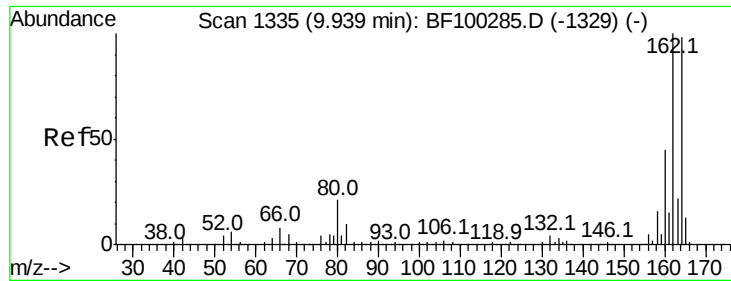
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

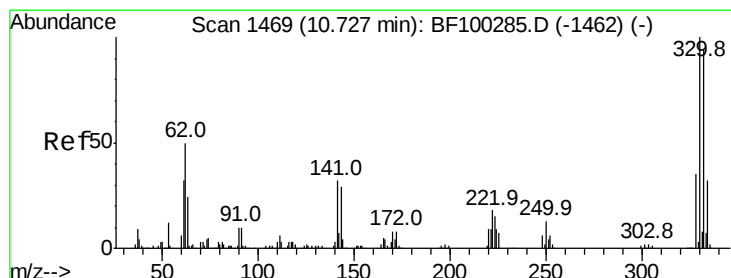
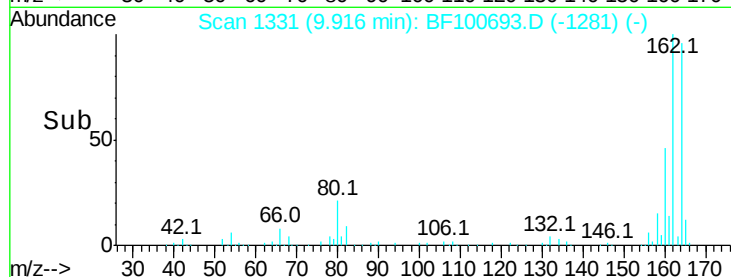
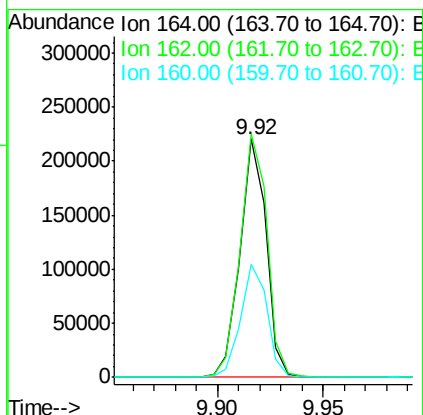
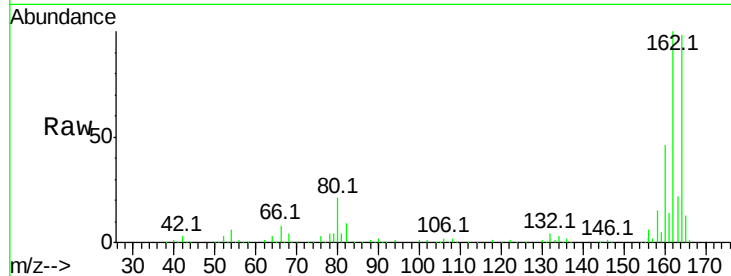




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100693.D
 Acq: 18 Nov 2017 00:11

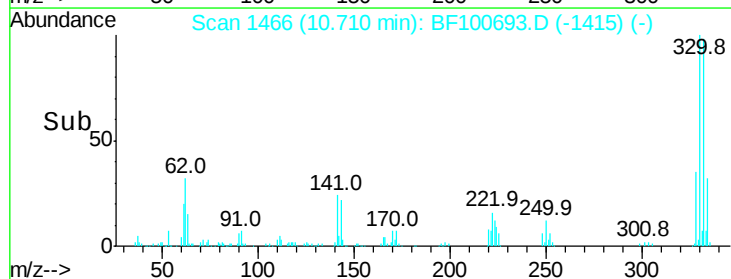
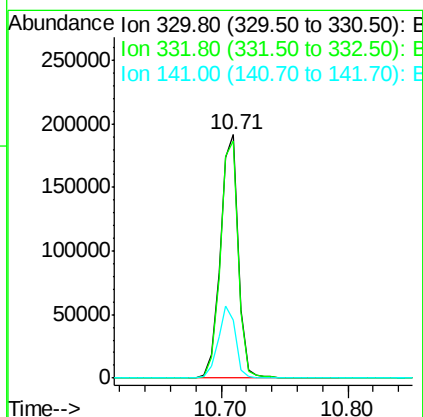
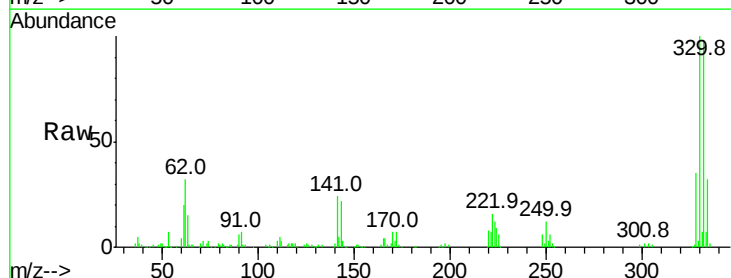
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)

Tot Ion:164 Resp: 188871
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 98.404 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100693.D
 Acq: 18 Nov 2017 00:11

Tgt Ion:330 Resp: 189388
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 29.0 29.9 44.9#

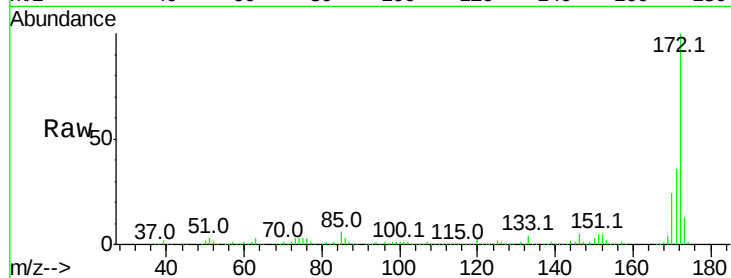




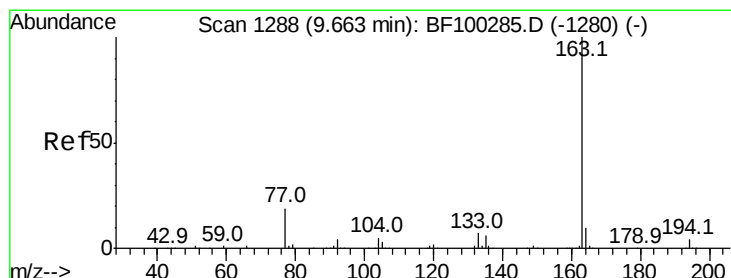
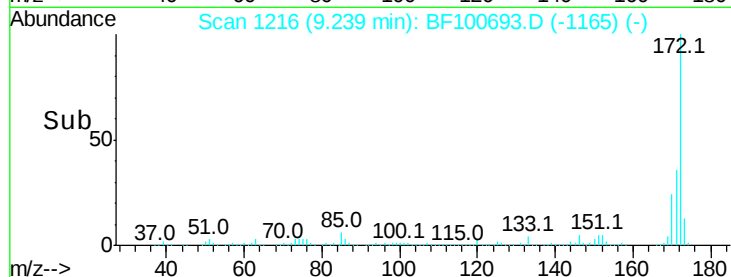
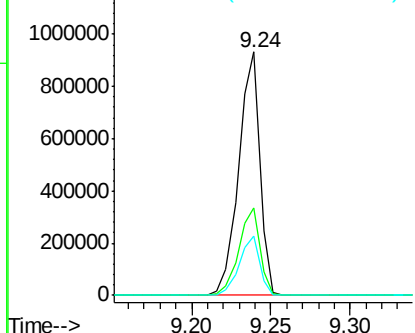
#44
2-Fluorobiphenyl
Concen: 69.453 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)

Tot Ion:172 Resp: 861462
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4

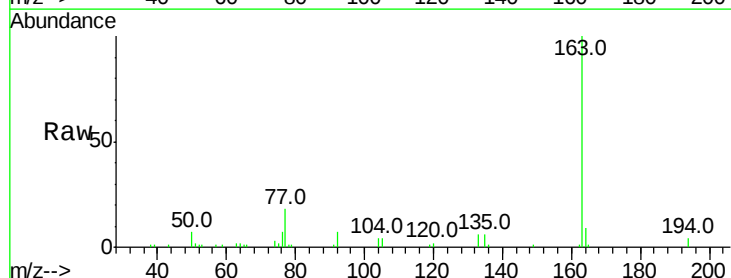


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

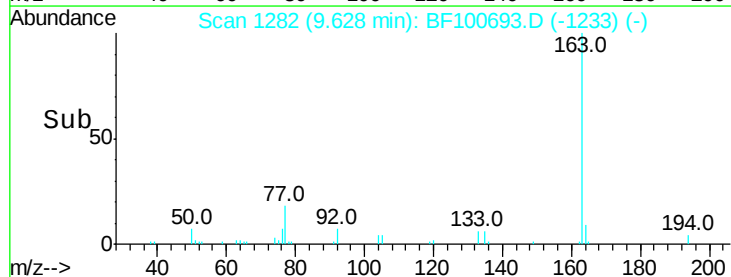
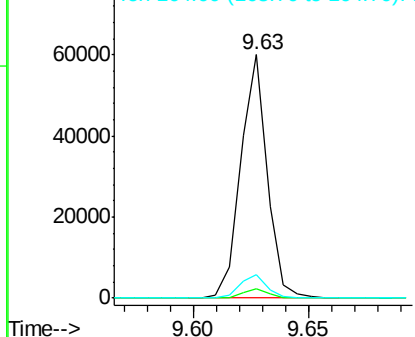


#49
Dimethylphthalate
Concen: 3.330 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100693.D
Acq: 18 Nov 2017 00:11

Tgt Ion:163 Resp: 48014
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.4 8.2 12.2



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: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)

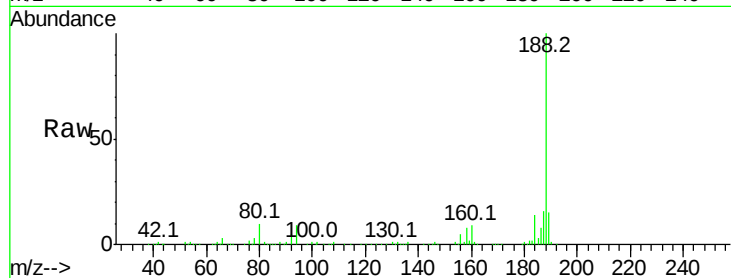
Tot Ion:188 Resp: 345982

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

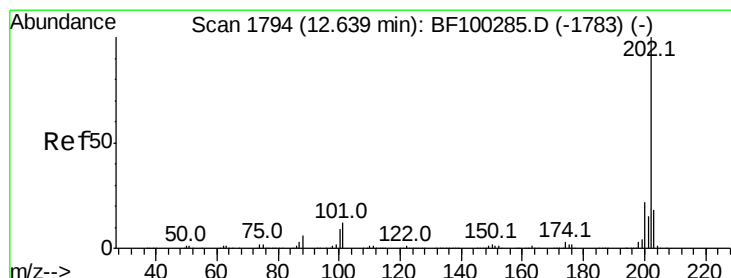
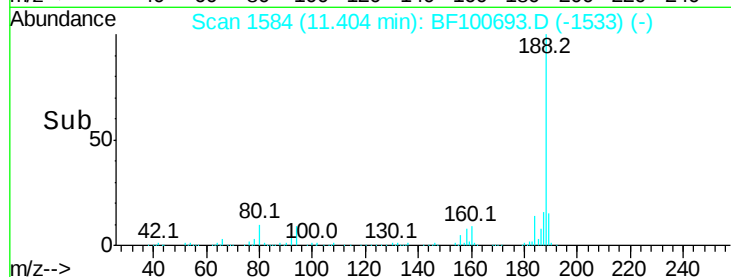
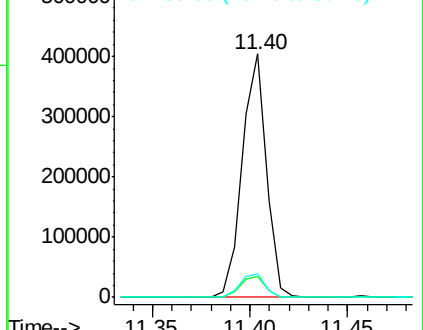
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 2.593 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

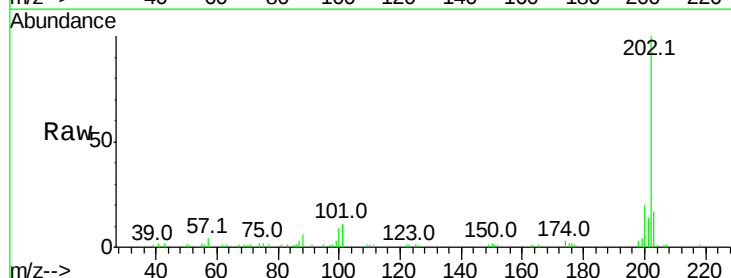
Tgt Ion:202 Resp: 50057

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

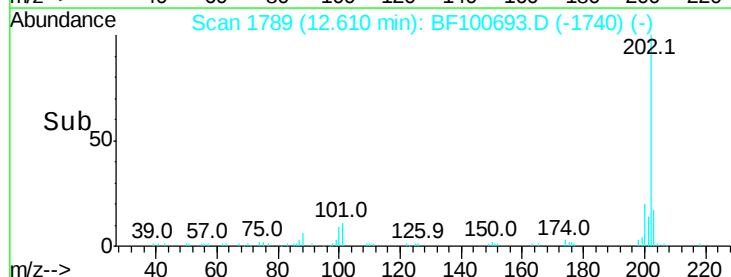
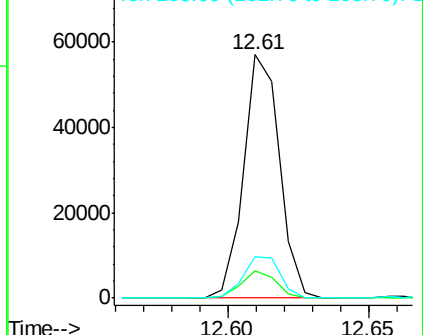
203 16.8 0.0 38.1

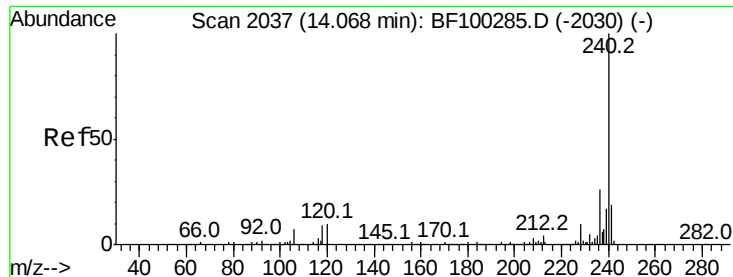


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100693.D

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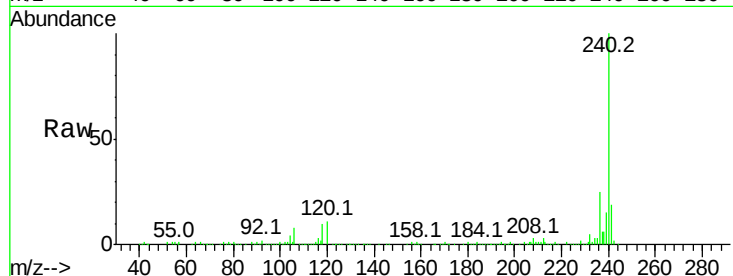
Tot Ion:240 Resp: 237376

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

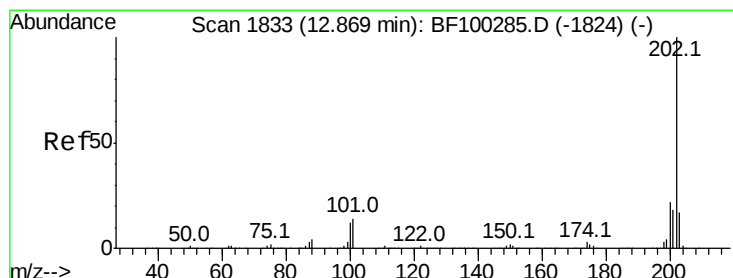
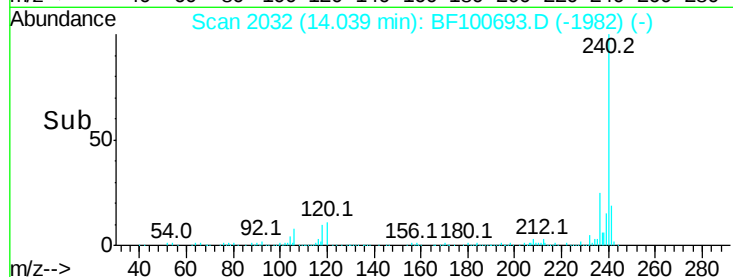
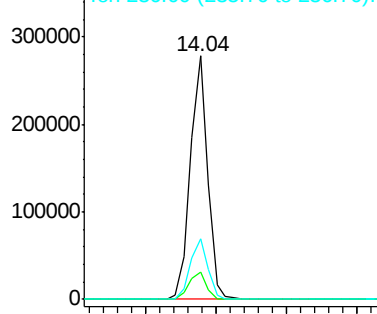
236 24.9 20.7 31.1



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



#77

Pyrene

Concen: 3.094 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

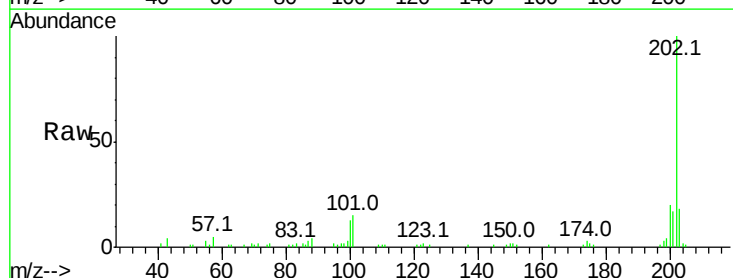
Tgt Ion:202 Resp: 52359

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

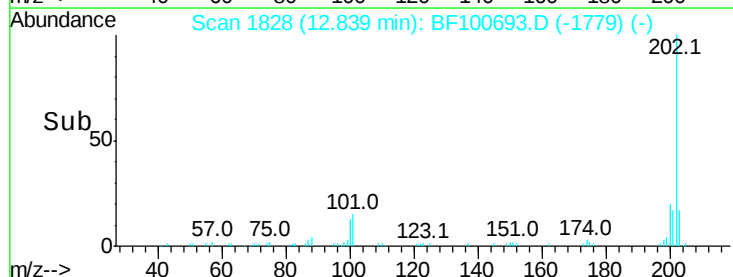
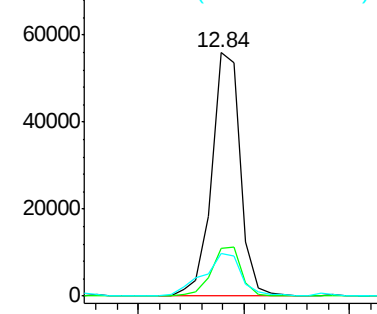
203 17.7 14.3 21.5

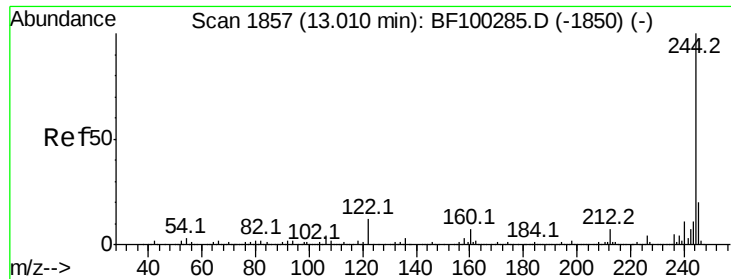


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.019 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)

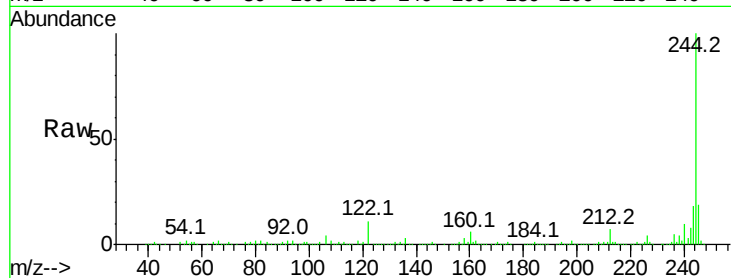
Tot Ion:244 Resp: 671714

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

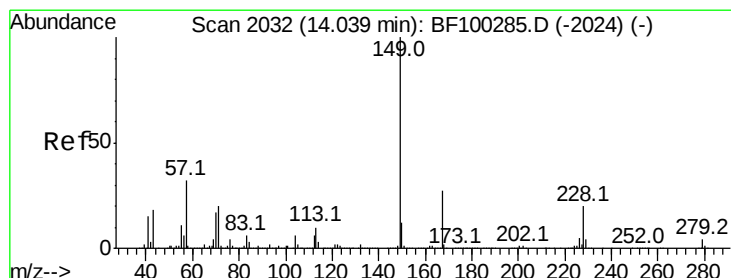
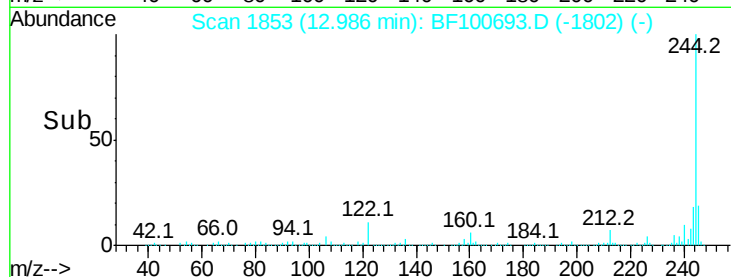
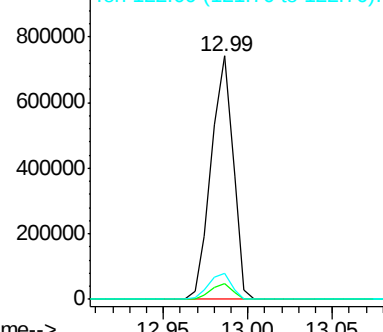
122 10.8 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.219 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100693.D

Acq: 18 Nov 2017 00:11

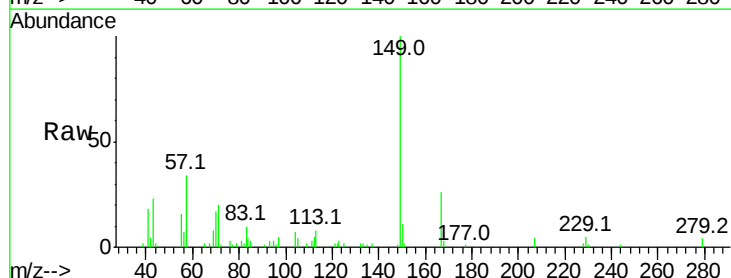
Tgt Ion:149 Resp: 20138

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

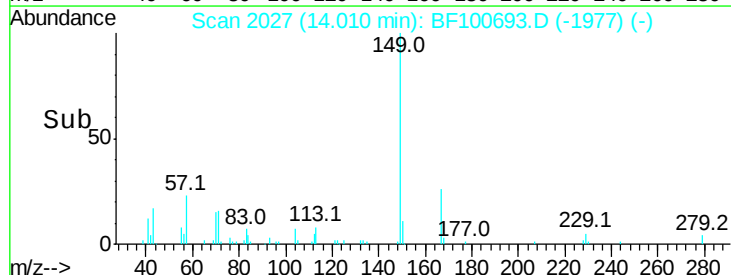
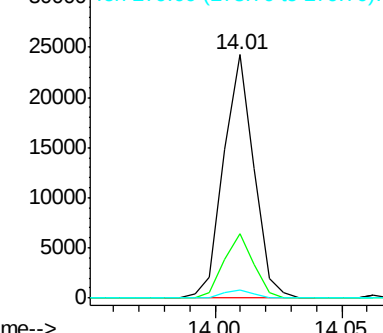
279 3.5 3.0 4.4

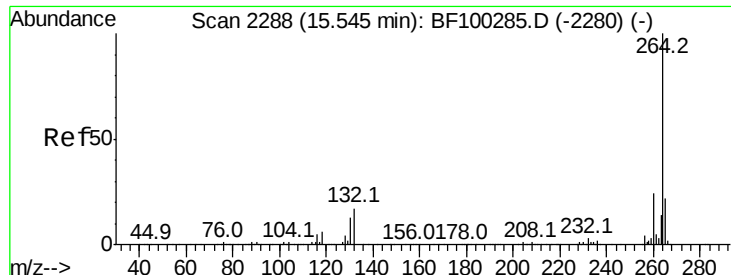


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100693.D
 Acq: 18 Nov 2017 00:11

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)

Tot Ion:	264	Resp:	233802
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

