

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102495.D
 Acq On : 27 Jan 2018 4:47
 Operator : SJ/JU
 Sample : J1264-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-09

Quant Time: Jan 27 06:04:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

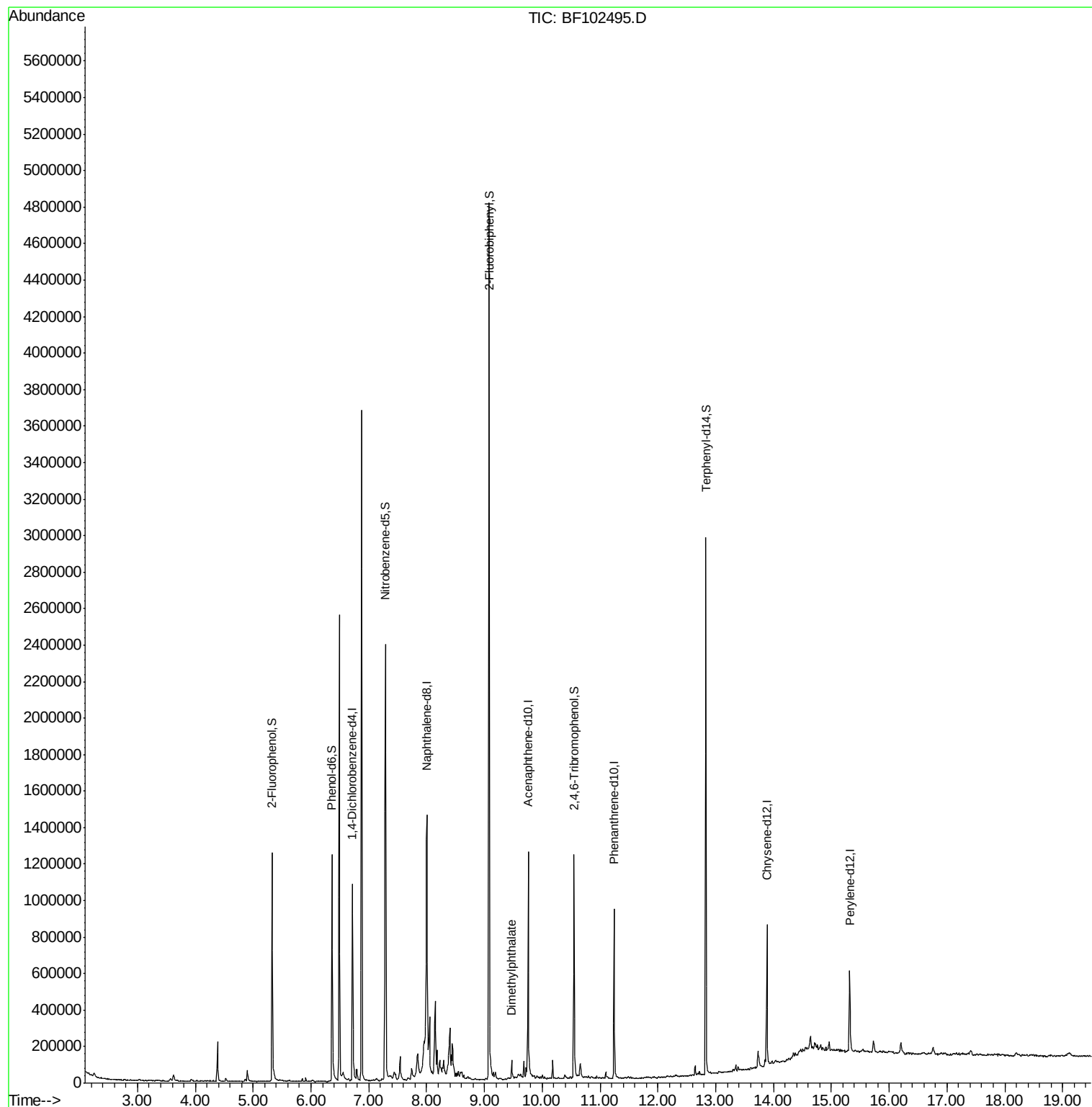
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162720	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625237	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	245796	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	355655	20.00	ng	0.00
75) Chrysene-d12	13.89	240	296879	20.00	ng	0.00
86) Perylene-d12	15.32	264	187494	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	387644	36.12	ng	0.00
7) Phenol-d6	6.36	99	299957	23.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	822210	75.57	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	143530	58.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1602704	95.87	ng	0.00
78) Terphenyl-d14	12.83	244	1069434	81.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	43932	2.162	ng	Qvalue 99

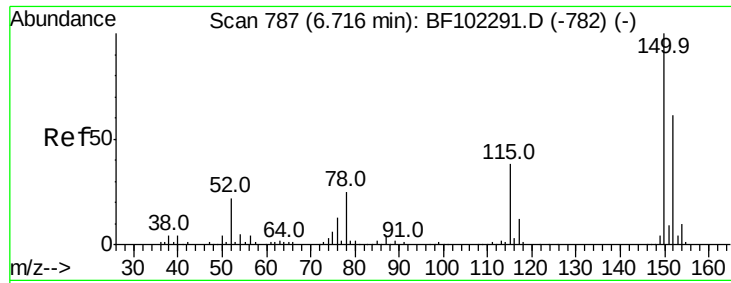
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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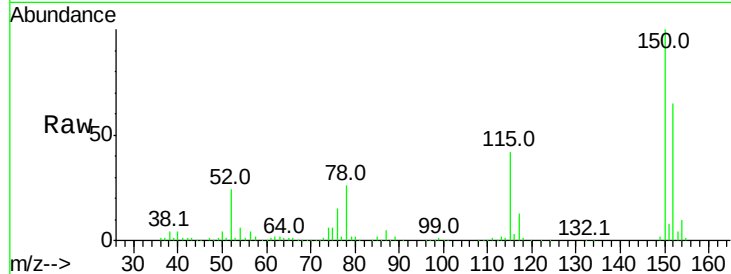


#1

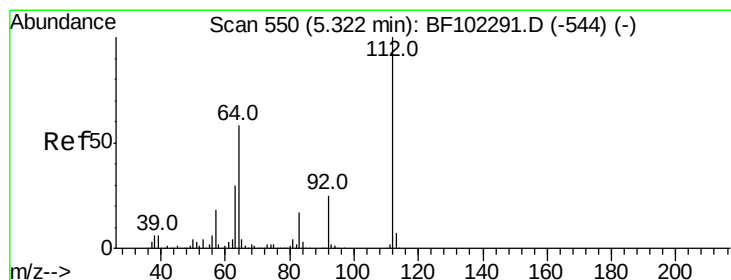
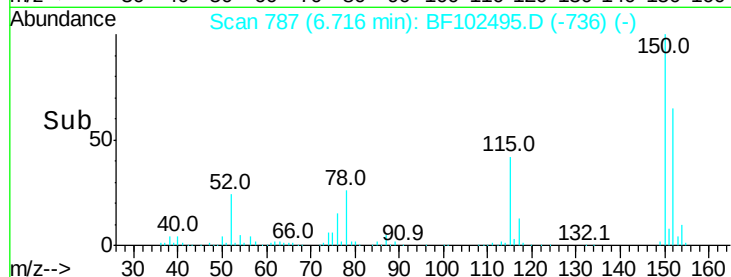
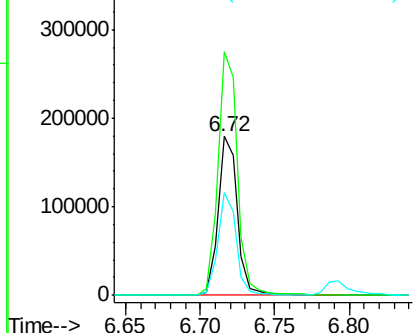
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102495.D
Acq: 27 Jan 2018 4:47

Instrument :
BNA_F
ClientSampleId :
2-AVE-09

Tot Ion:152 Resp: 162720
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 64.8 50.1 75.1



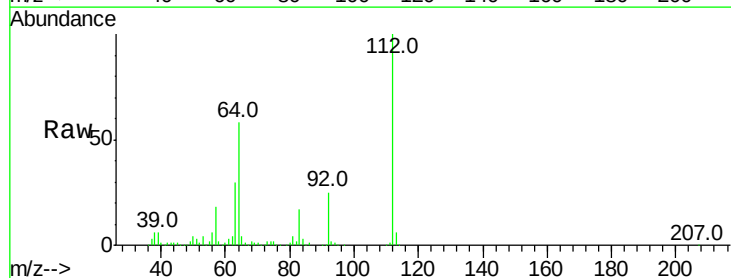
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



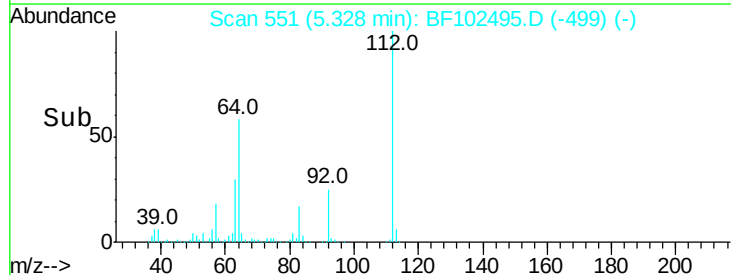
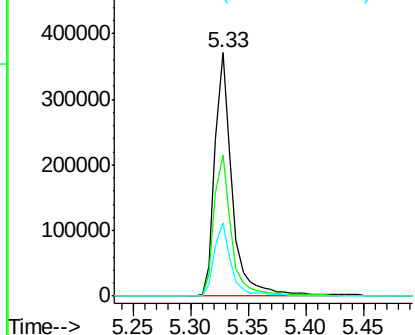
#5

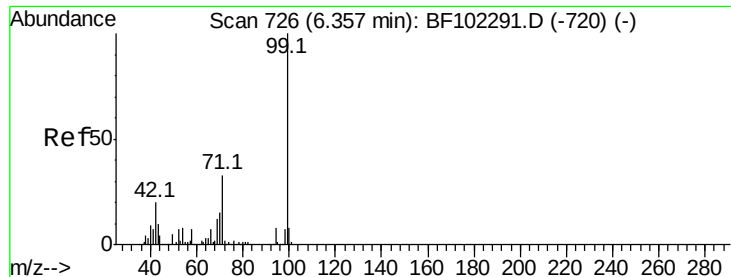
2-Fluorophenol
Concen: 36.122 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102495.D
Acq: 27 Jan 2018 4:47

Tgt Ion:112 Resp: 387644
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.184 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampleId :

2-AVE-09

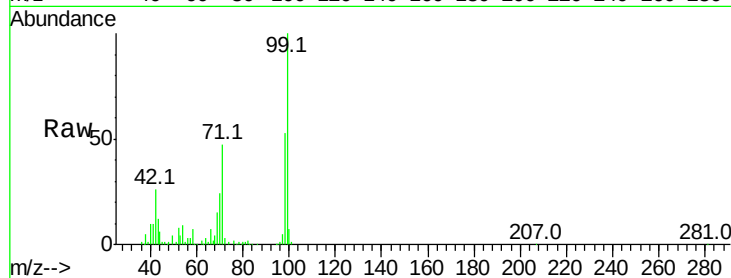
Tot Ion: 99 Resp: 299957

Ion Ratio Lower Upper

99 100

42 26.4 14.5 21.7#

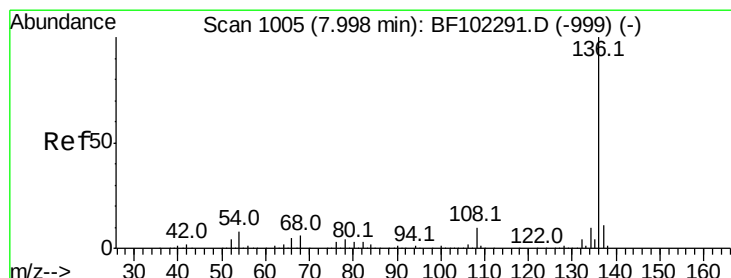
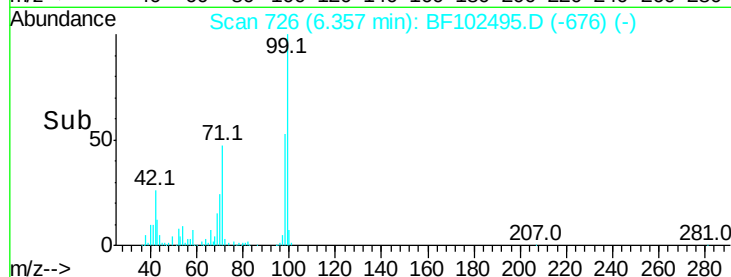
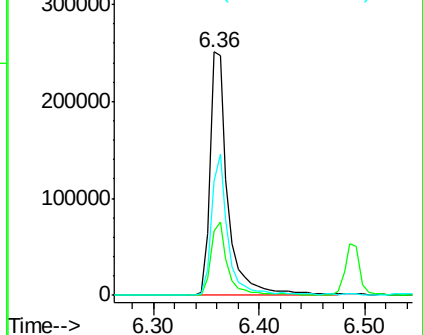
71 46.8 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Tgt Ion: 136 Resp: 625237

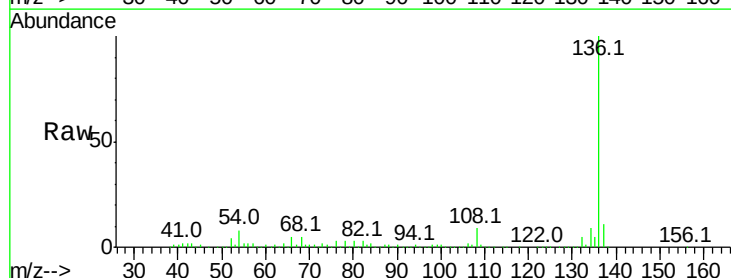
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.5 5.0 7.4

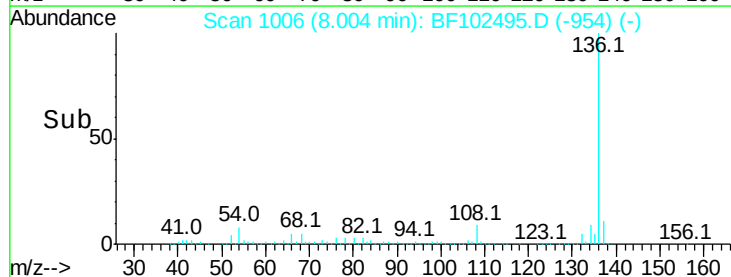
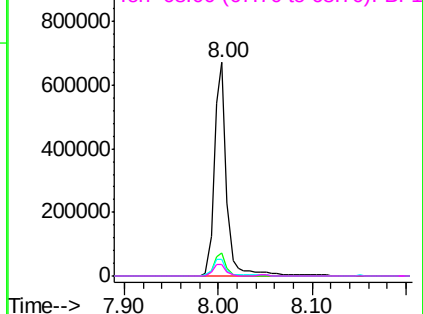


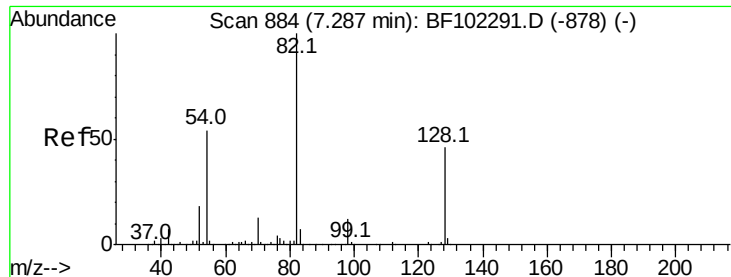
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 75.571 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampleId :

2-AVE-09

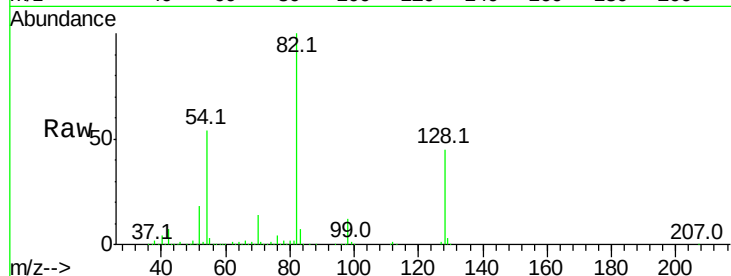
Tot Ion: 82 Resp: 822210

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

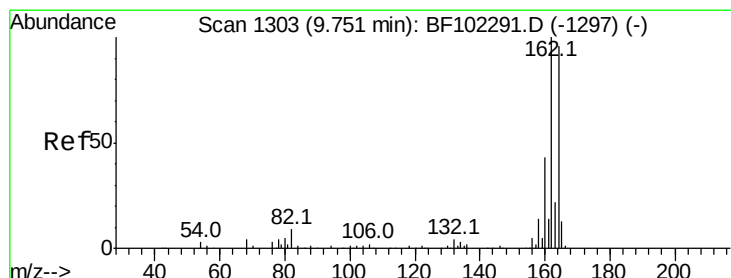
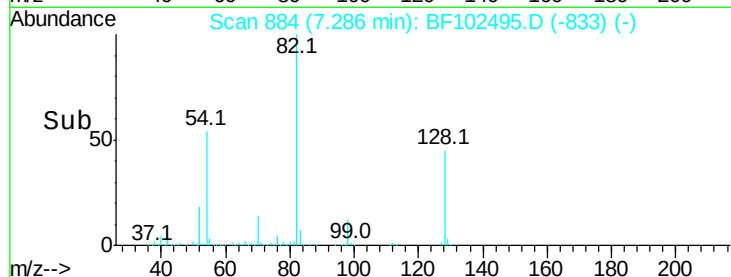
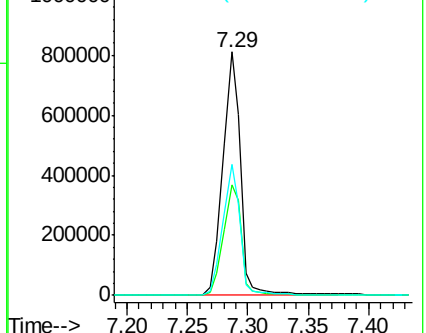
54 53.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

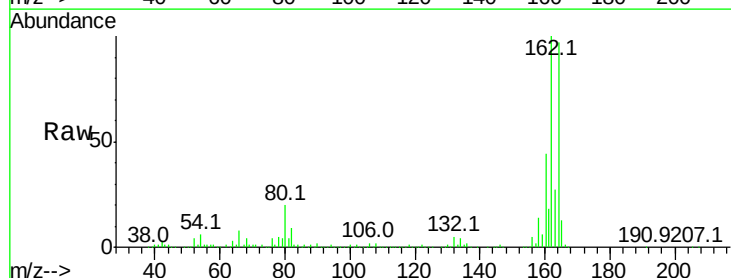
Tgt Ion:164 Resp: 245796

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

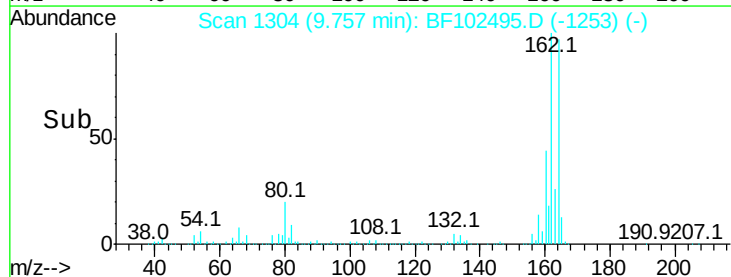
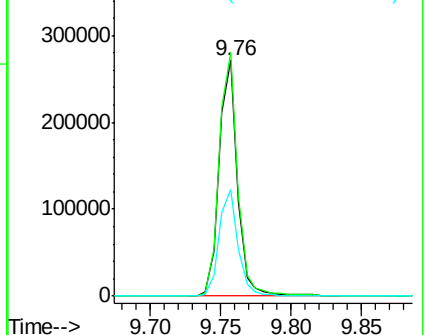
160 45.1 38.3 57.5

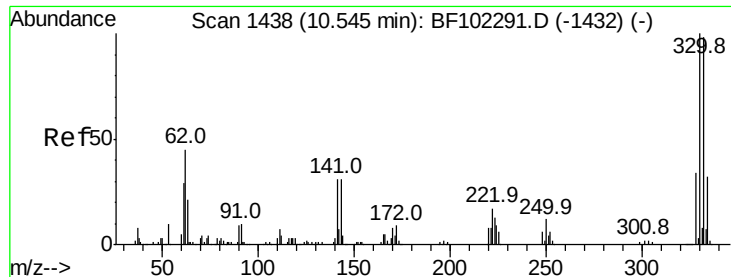


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

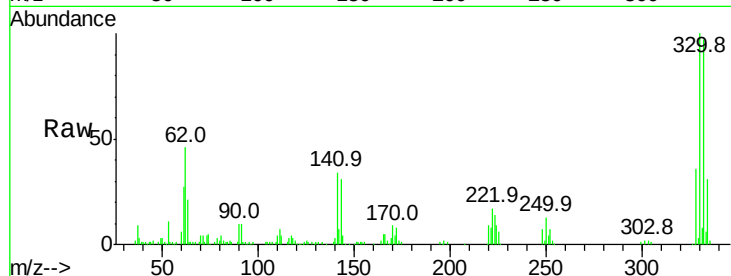




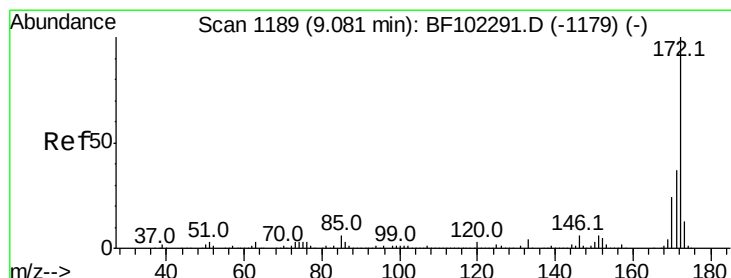
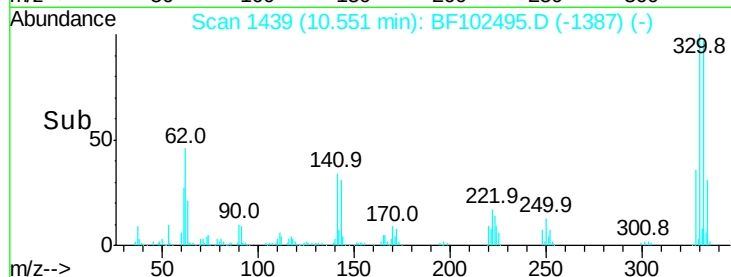
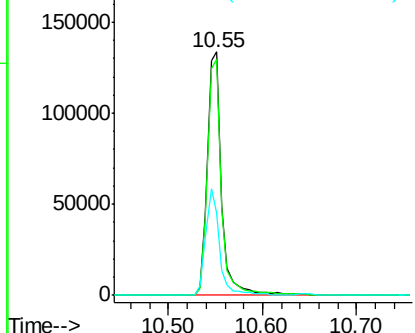
#41
 2,4,6-Tribromophenol
 Concen: 58.933 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	42.4	29.9	44.9

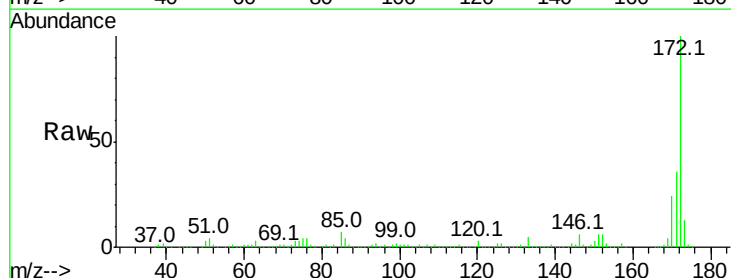


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

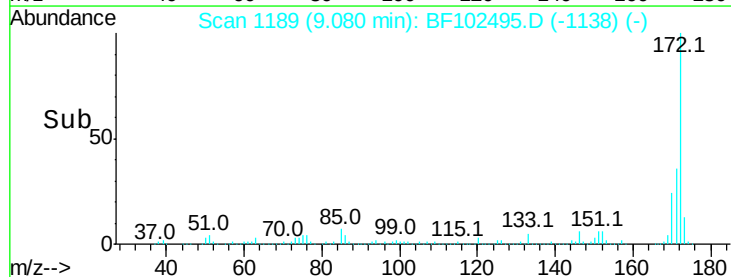
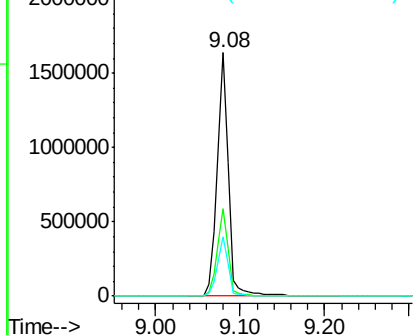


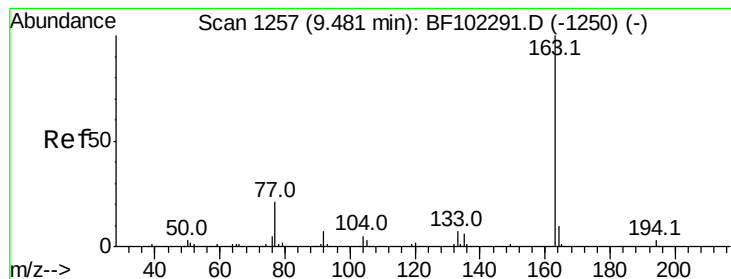
#44
 2-Fluorobiphenyl
 Concen: 95.874 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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: 2.162 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampleId :

2-AVE-09

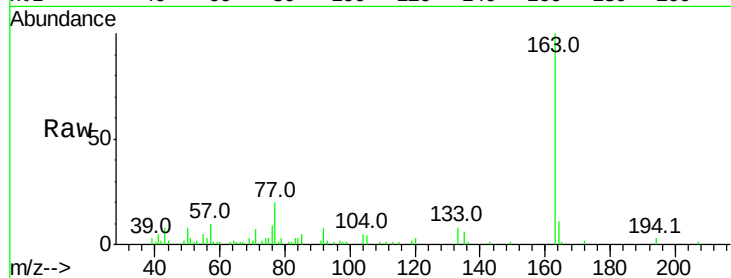
Tot Ion:163 Resp: 43932

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

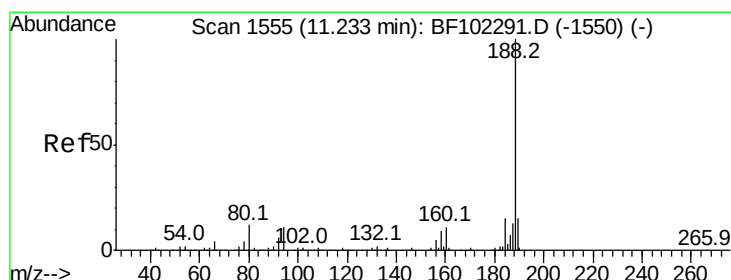
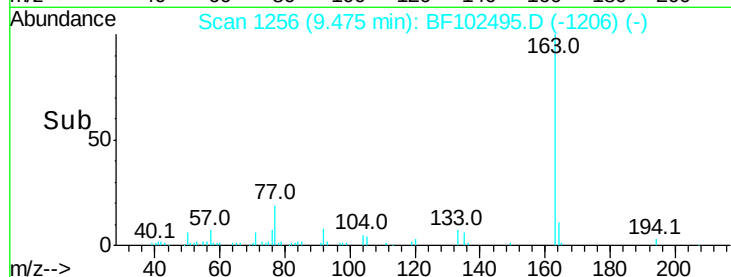
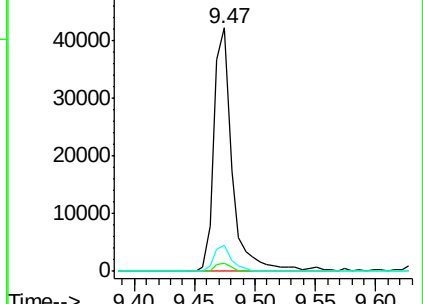
164 10.7 8.2 12.2



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: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

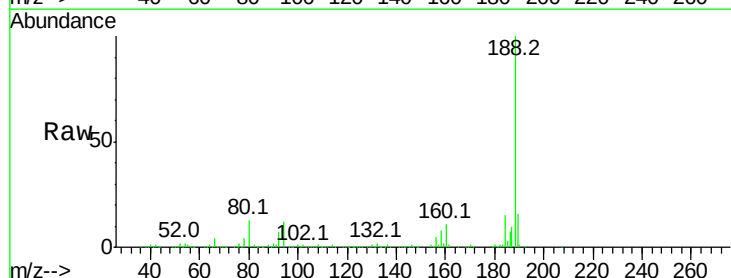
Tgt Ion:188 Resp: 355655

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

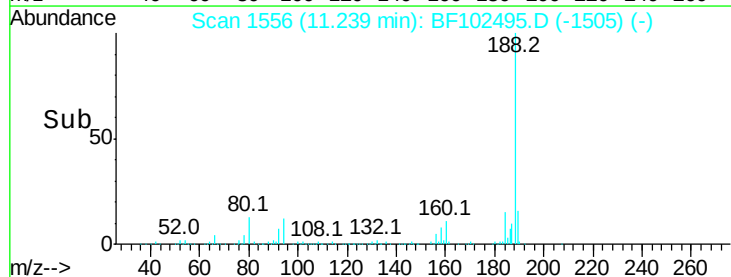
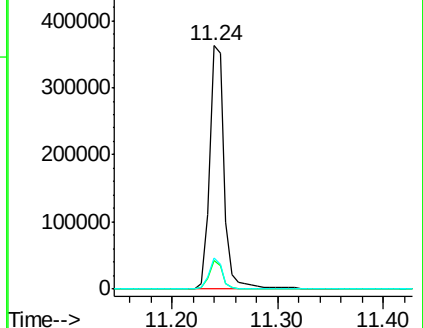
80 12.7 9.2 13.8

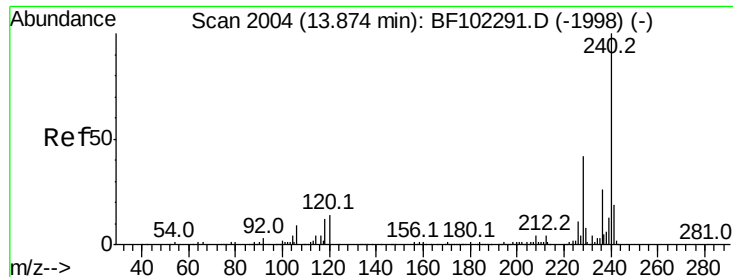


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampleId :

2-AVE-09

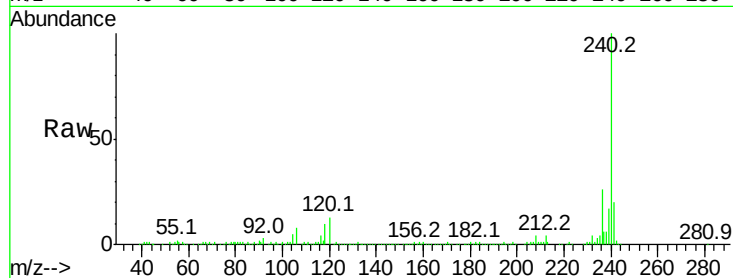
Tot Ion:240 Resp: 296879

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

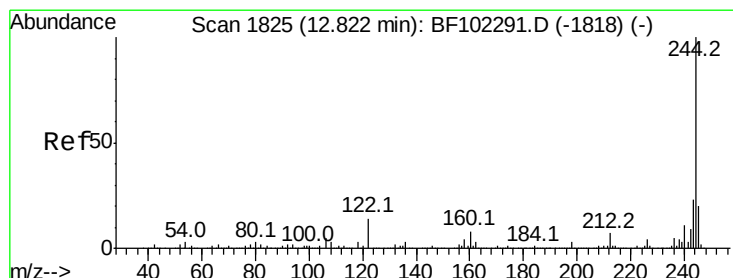
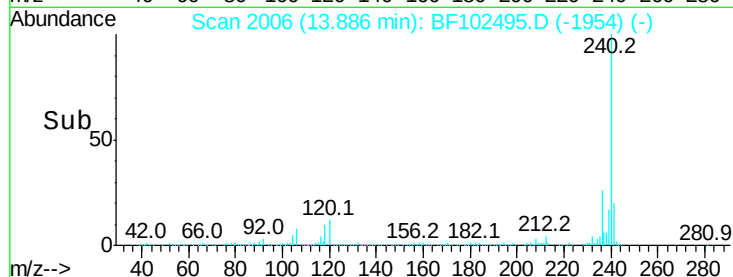
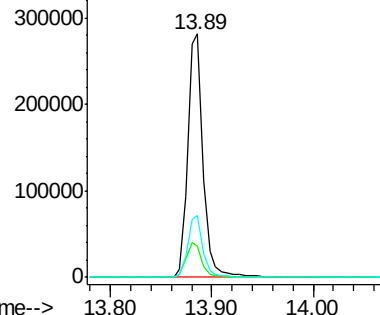
236 25.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 81.208 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

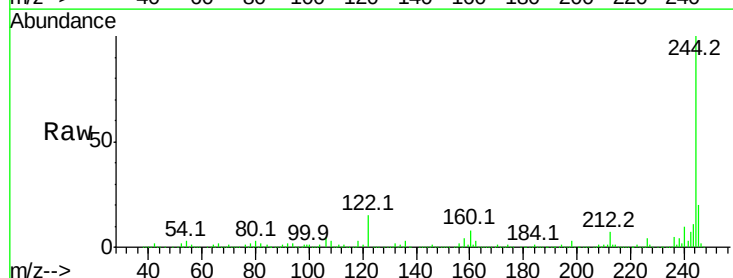
Tgt Ion:244 Resp: 1069434

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

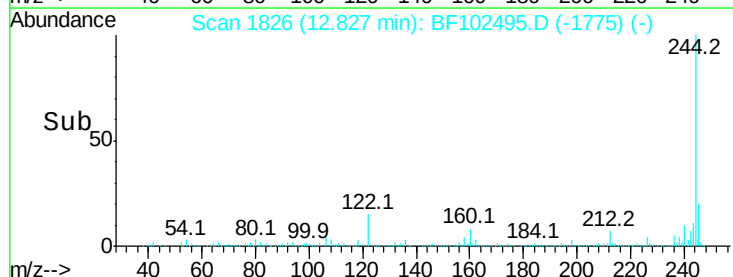
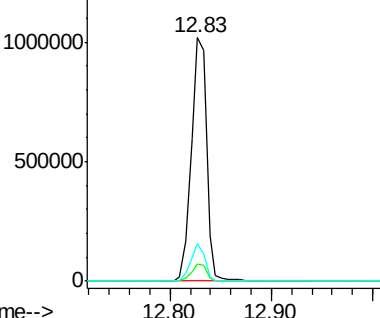
122 15.2 11.0 16.4

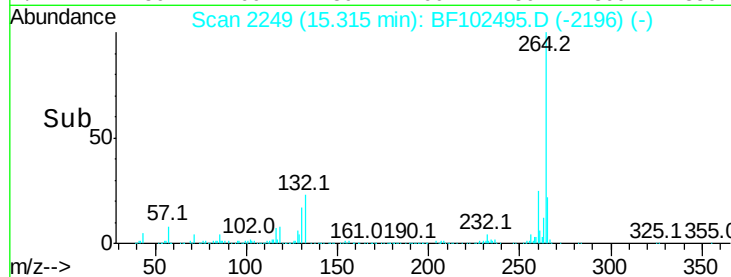
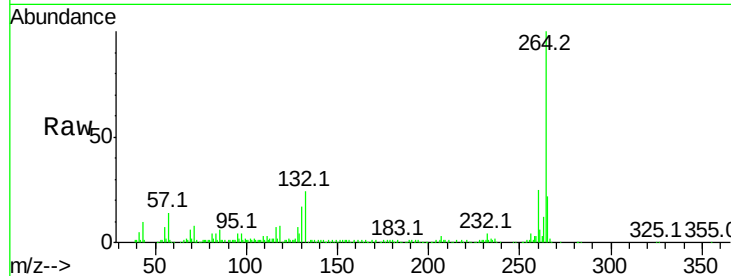
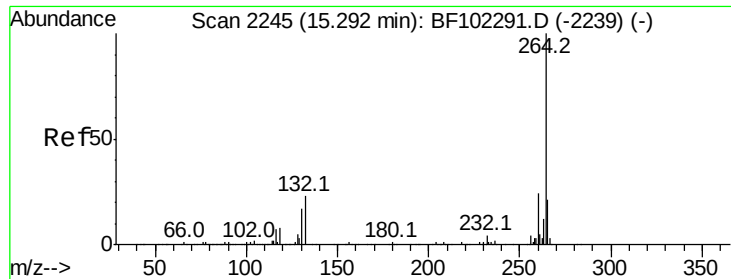


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampleId :

2-AVE-09

Tot Ion:264 Resp: 187494

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.4 17.5 26.3

