

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102720.D
 Acq On : 3 Feb 2018 16:42
 Operator : SJ/JU
 Sample : J1431-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 132-1-PH-1

Quant Time: Feb 05 02:09:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

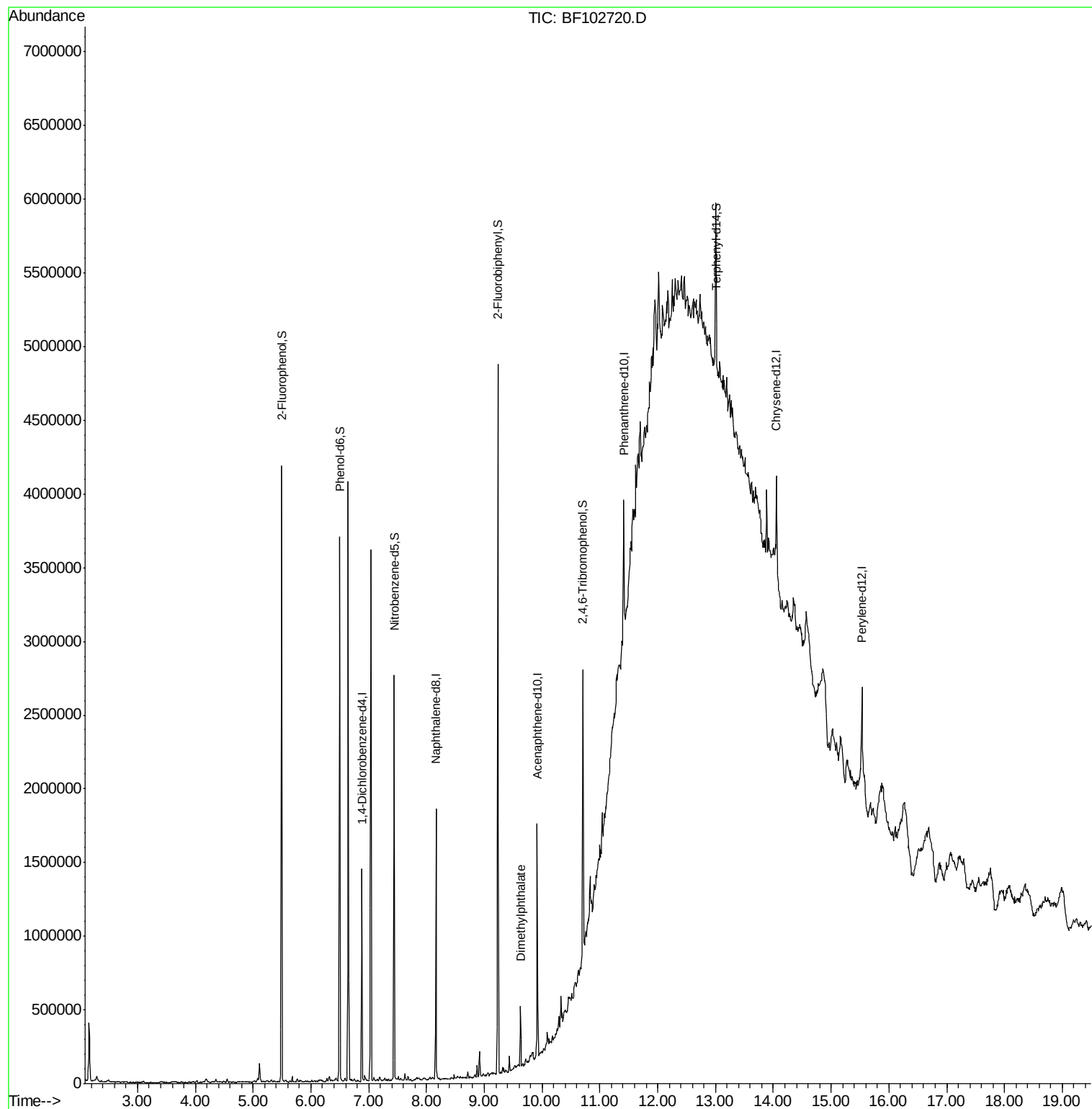
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	183164	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	743953	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	308779	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	363381	20.00	ng	0.01
75) Chrysene-d12	14.06	240	251370	20.00	ng	0.02
86) Perylene-d12	15.53	264	291630	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1173728	97.32	ng	0.00
7) Phenol-d6	6.50	99	1398828	96.32	ng	0.00
23) Nitrobenzene-d5	7.44	82	830935	77.48	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	243702	98.06	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1447832	77.81	ng	0.00
78) Terphenyl-d14	13.00	244	709153	66.80	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.63	163	88293	3.667	ng	Qvalue 100

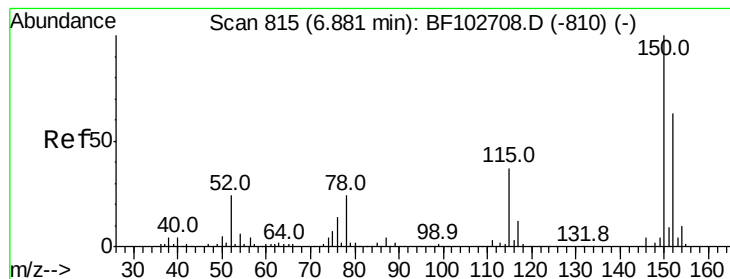
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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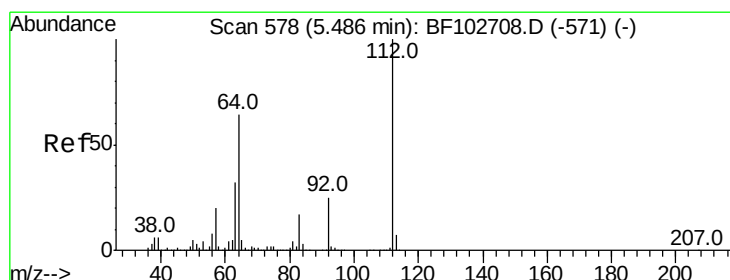
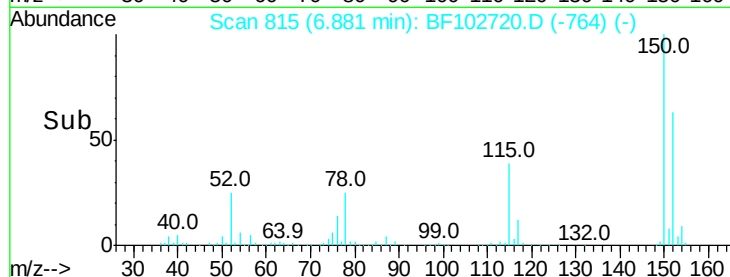
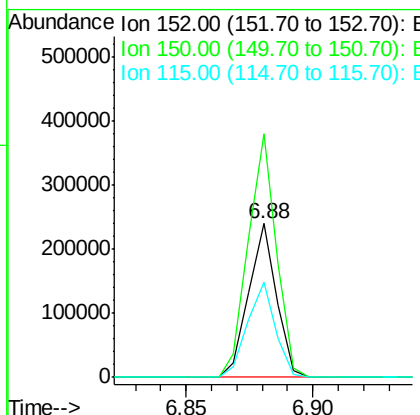
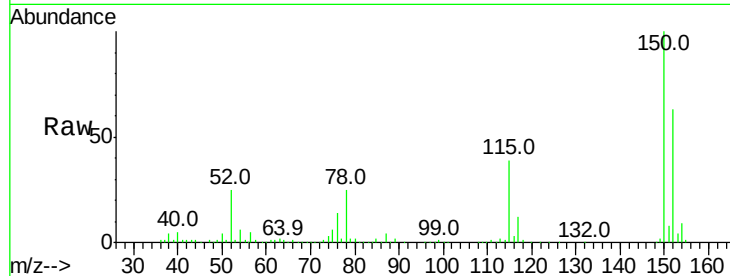


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF102720.D
 Acq: 3 Feb 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 132-1-PH-1

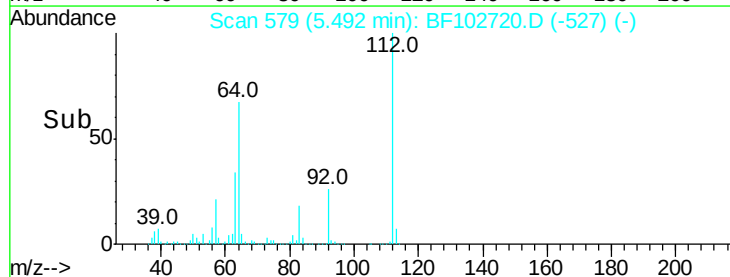
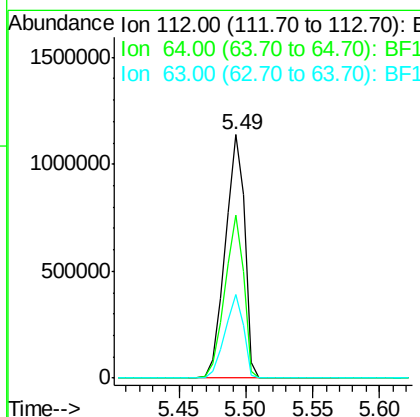
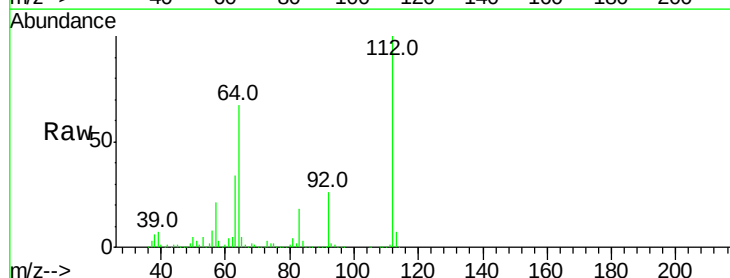
Tot Ion:152 Resp: 183164
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.8 50.1 75.1

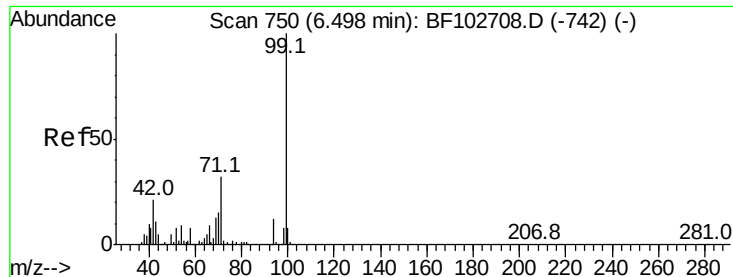


#5

2-Fluorophenol
 Concen: 97.317 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF102720.D
 Acq: 3 Feb 2018 16:42

Tgt Ion:112 Resp: 1173728
 Ion Ratio Lower Upper
 112 100
 64 66.9 47.9 71.9
 63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 96.324 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

132-1-PH-1

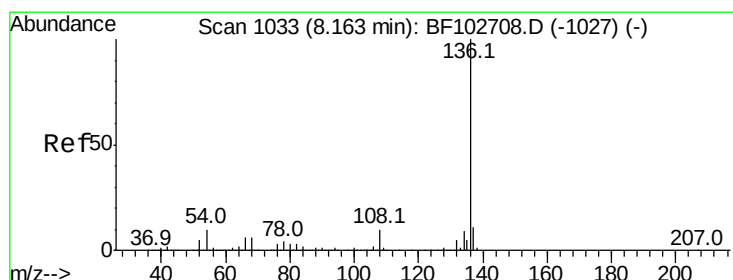
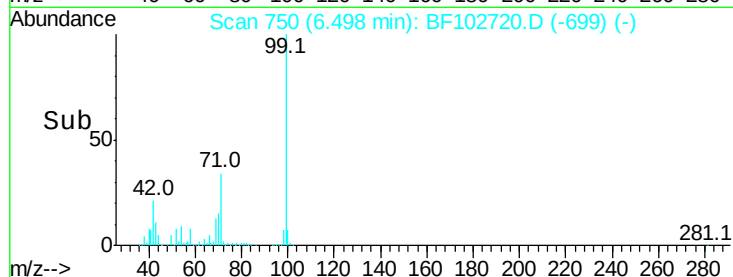
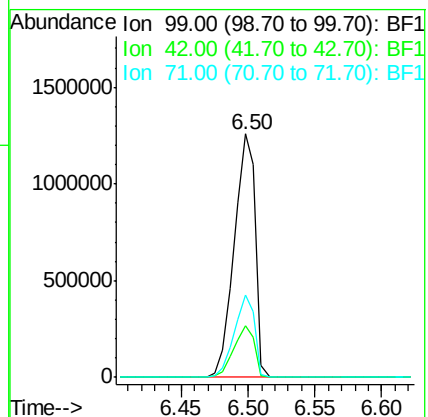
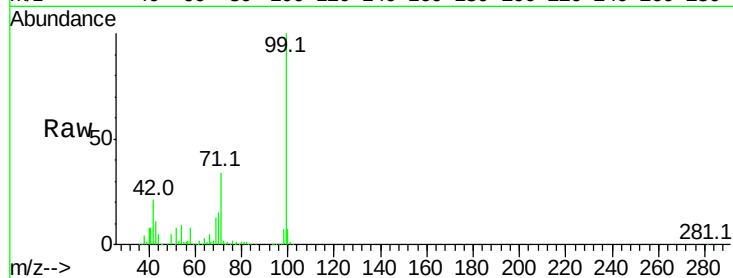
Tot Ion: 99 Resp: 1398828

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 33.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

Tgt Ion: 136 Resp: 743953

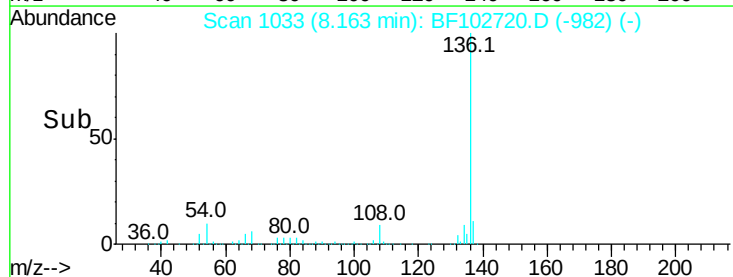
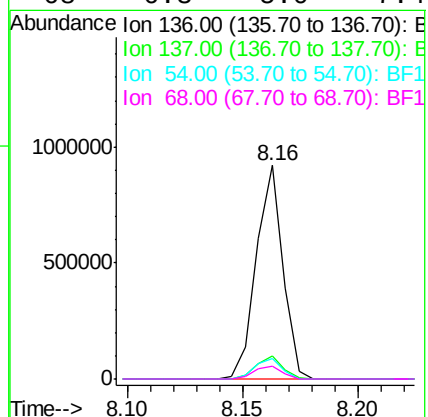
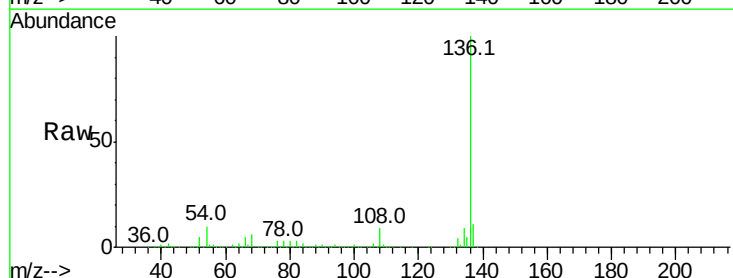
Ion Ratio Lower Upper

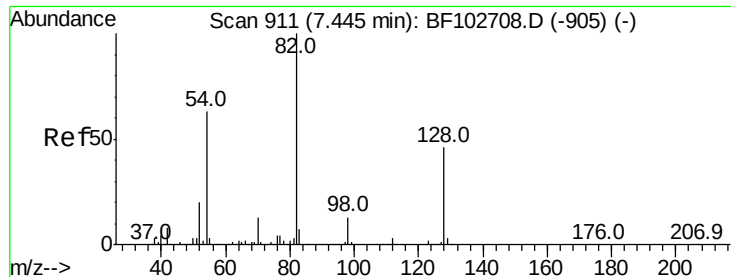
136 100

137 10.6 8.9 13.3

54 9.8 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 77.481 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

132-1-PH-1

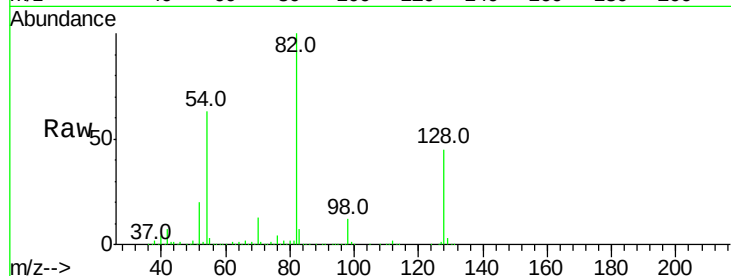
Tot Ion: 82 Resp: 830935

Ion Ratio Lower Upper

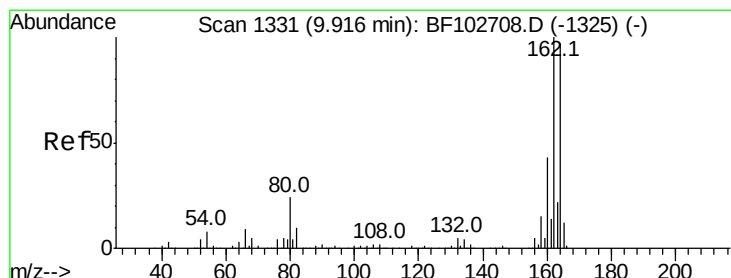
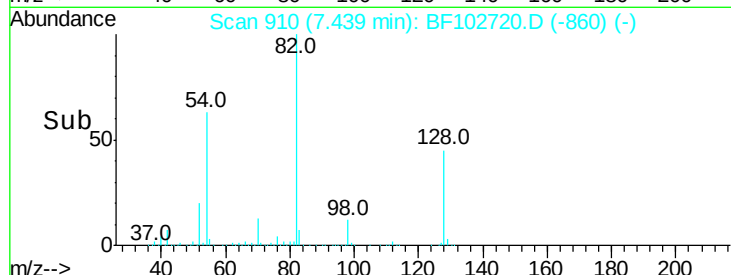
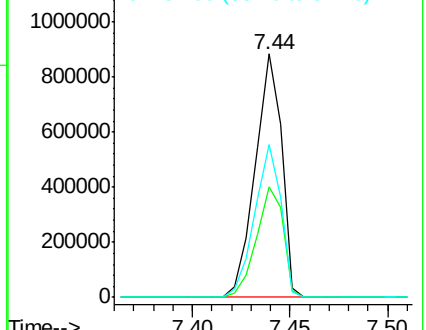
82 100

128 45.2 36.1 54.1

54 62.7 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: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

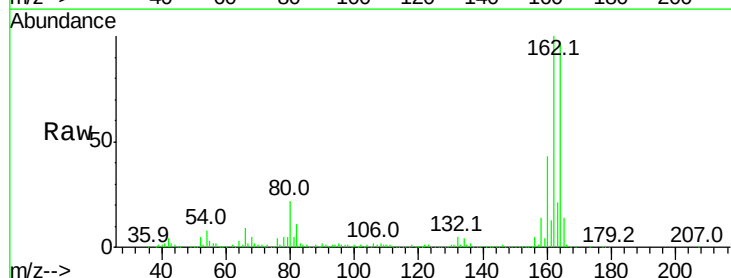
Tgt Ion:164 Resp: 308779

Ion Ratio Lower Upper

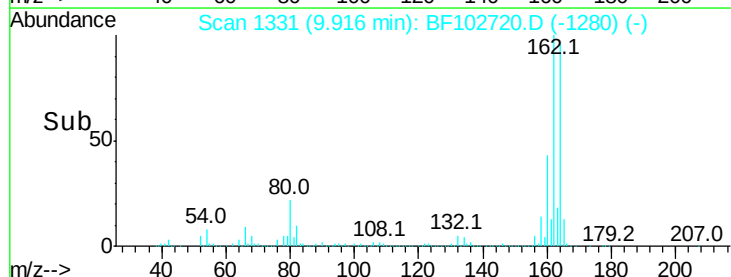
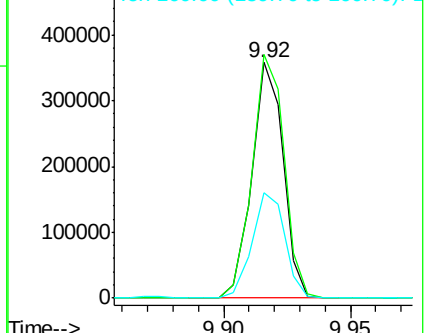
164 100

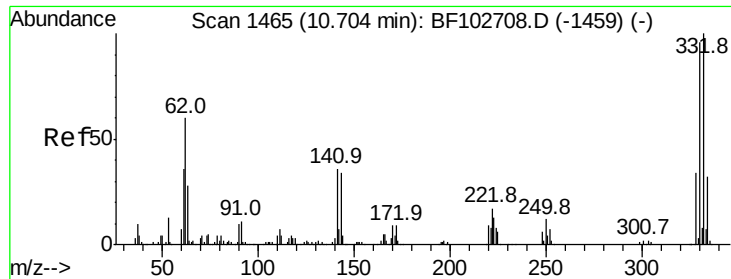
162 103.5 86.1 129.1

160 44.8 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

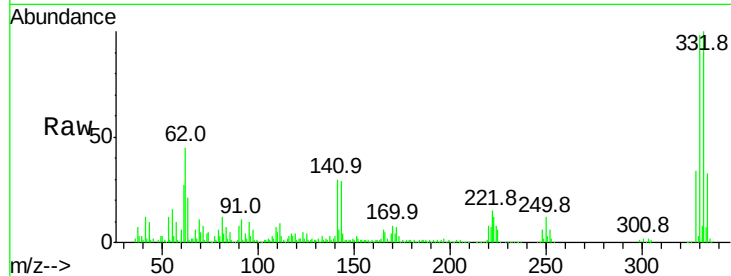




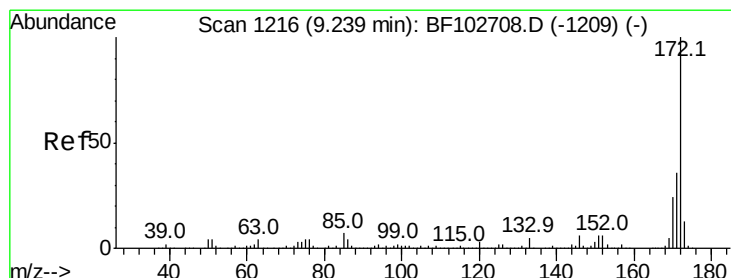
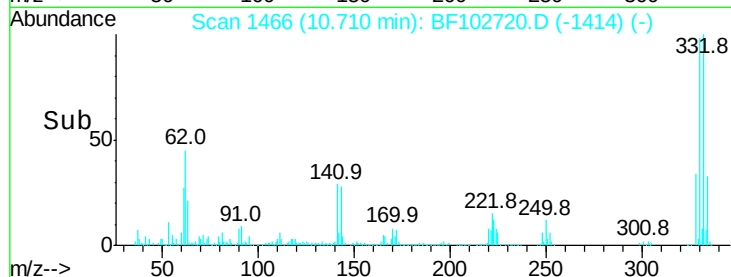
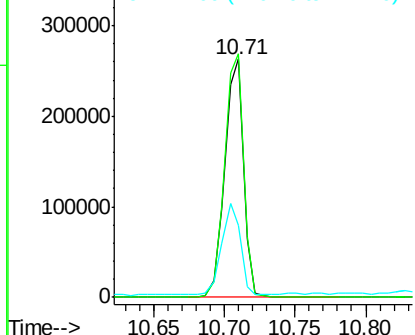
#41
 2,4,6-Tribromophenol
 Concen: 98.057 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF102720.D
 Acq: 3 Feb 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 132-1-PH-1

Tot Ion:330 Resp: 243702
 Ion Ratio Lower Upper
 330 100
 332 103.4 77.0 115.6
 141 38.7 29.9 44.9

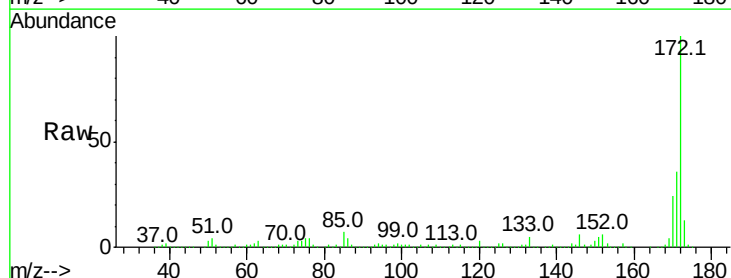


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

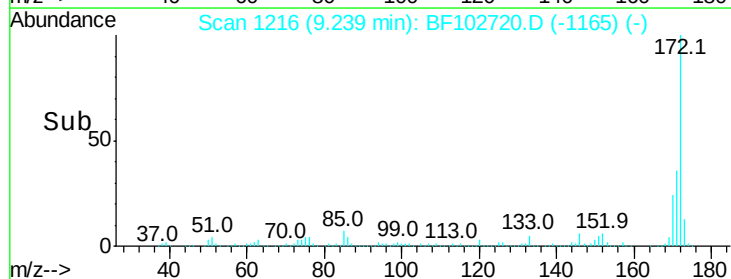
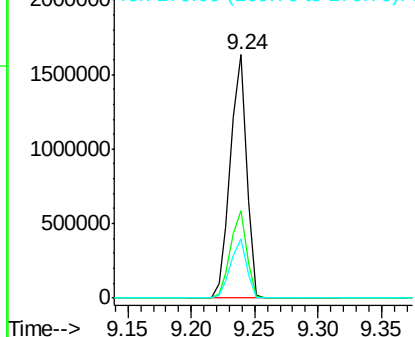


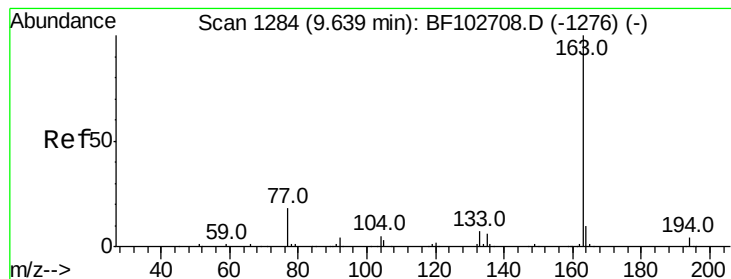
#44
 2-Fluorobiphenyl
 Concen: 77.805 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF102720.D
 Acq: 3 Feb 2018 16:42

Tgt Ion:172 Resp: 1447832
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 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: 3.667 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

132-1-PH-1

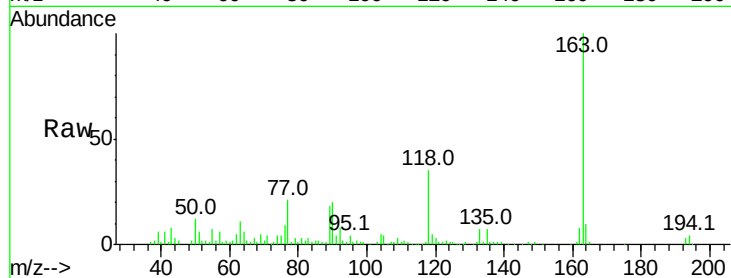
Tot Ion:163 Resp: 88293

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

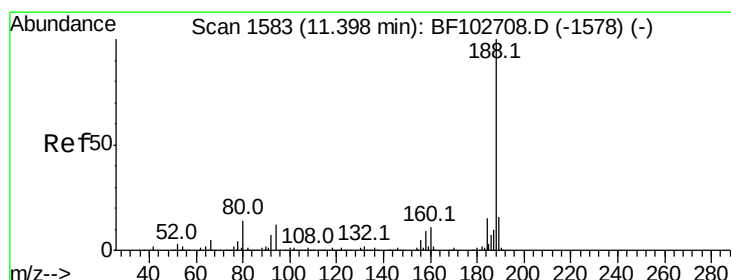
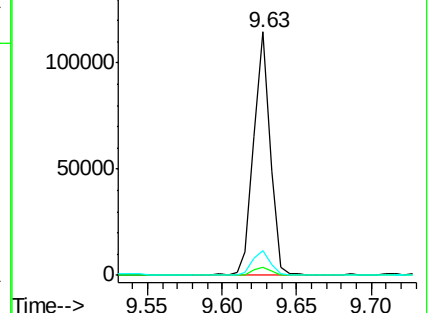
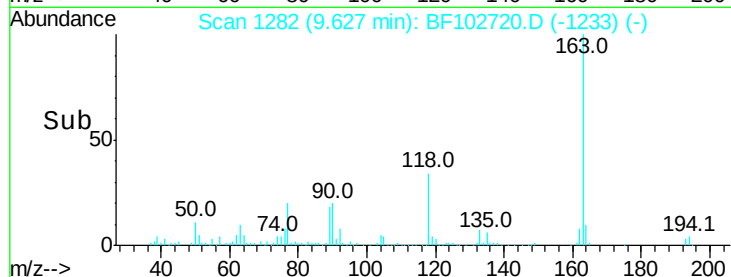
164 10.3 8.2 12.2



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: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

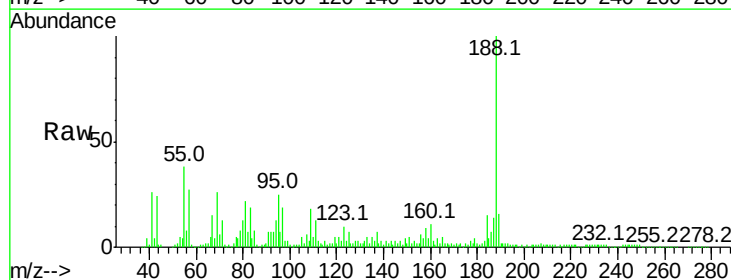
Tgt Ion:188 Resp: 363381

Ion Ratio Lower Upper

188 100

94 12.7 8.5 12.7

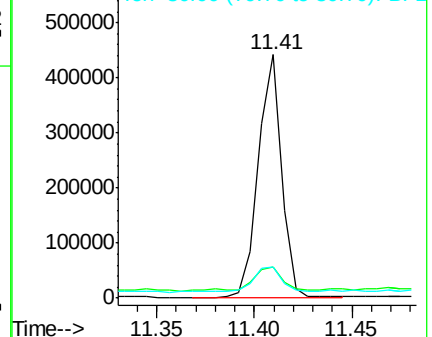
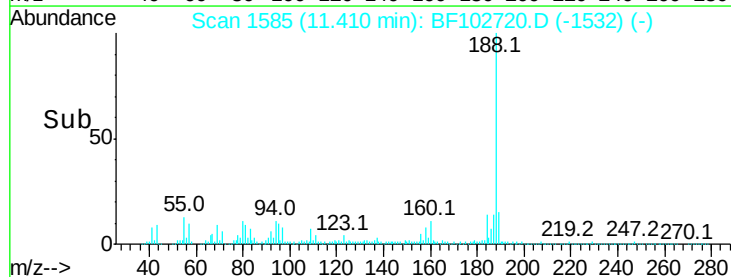
80 13.0 9.2 13.8

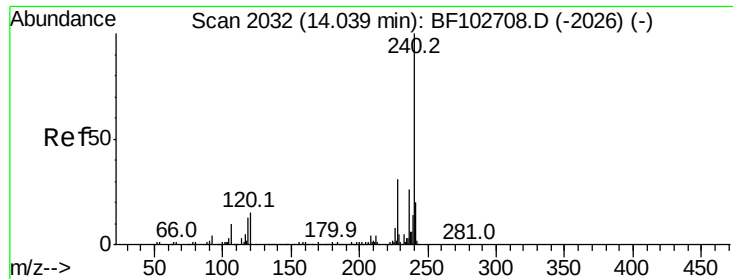


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

132-1-PH-1

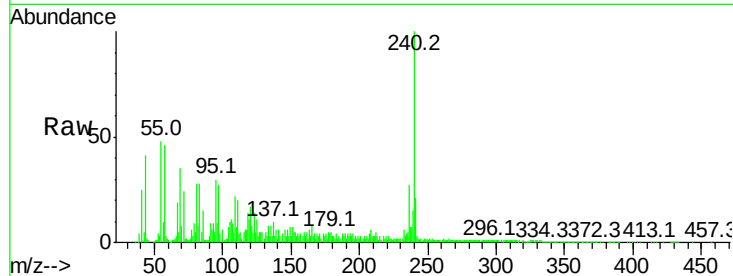
Tot Ion:240 Resp: 251370

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

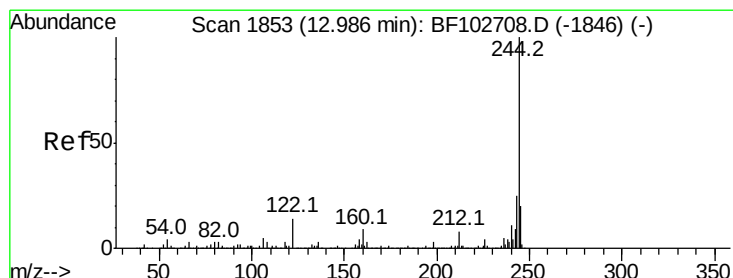
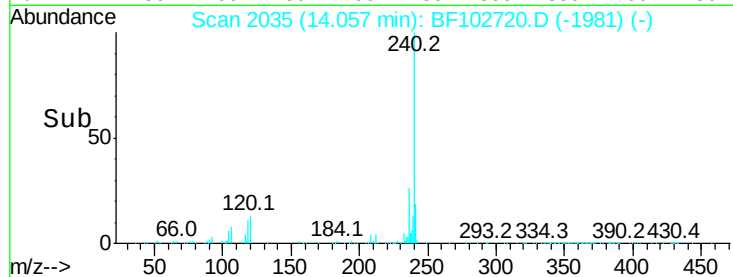
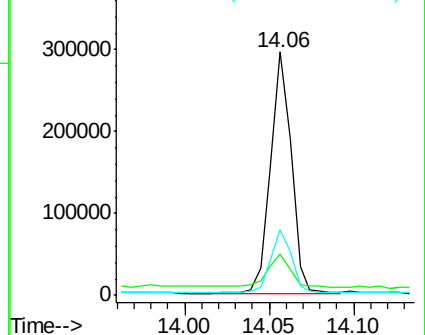
236 27.2 20.7 31.1



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: 66.799 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BF102720.D

Acq: 3 Feb 2018 16:42

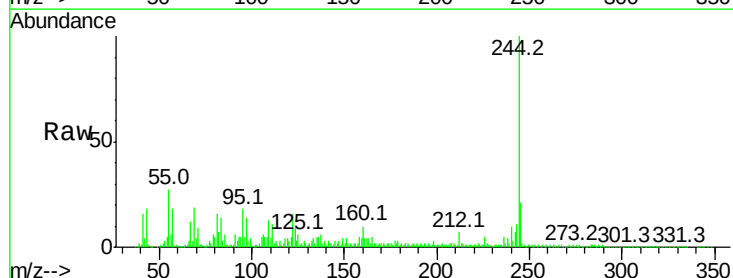
Tgt Ion:244 Resp: 709153

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

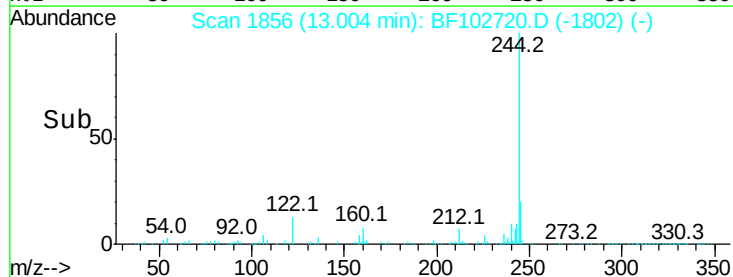
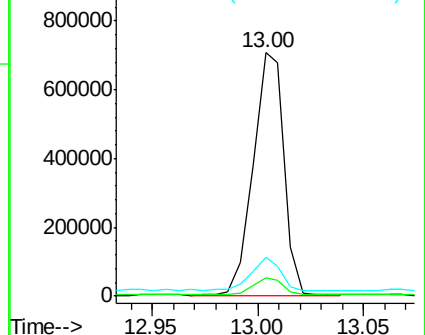
122 16.1 11.0 16.4

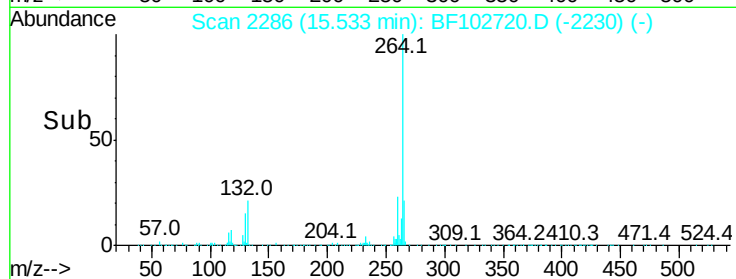
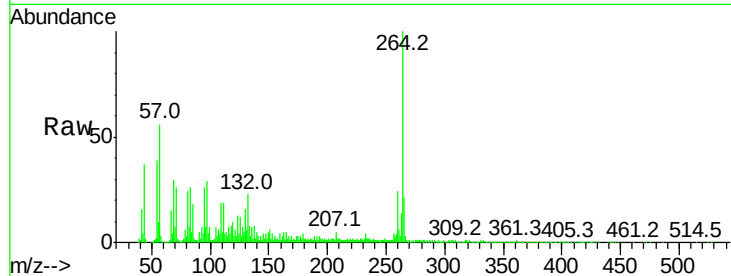
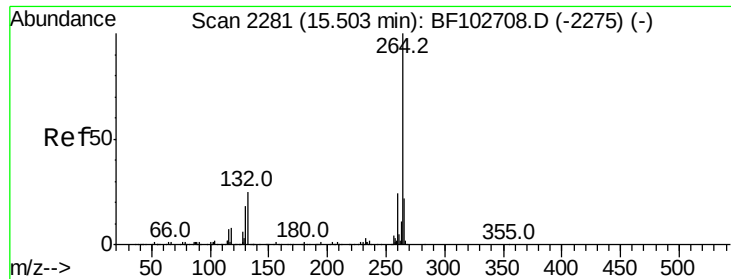


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 2286
Delta R.T. 0.03 min
Lab File: BF102720.D
Acq: 3 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
132-1-PH-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

