

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103748.D
 Acq On : 19 Mar 2018 11:16
 Operator : JU/SJ
 Sample : J1938-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Quant Time: Mar 19 12:31:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

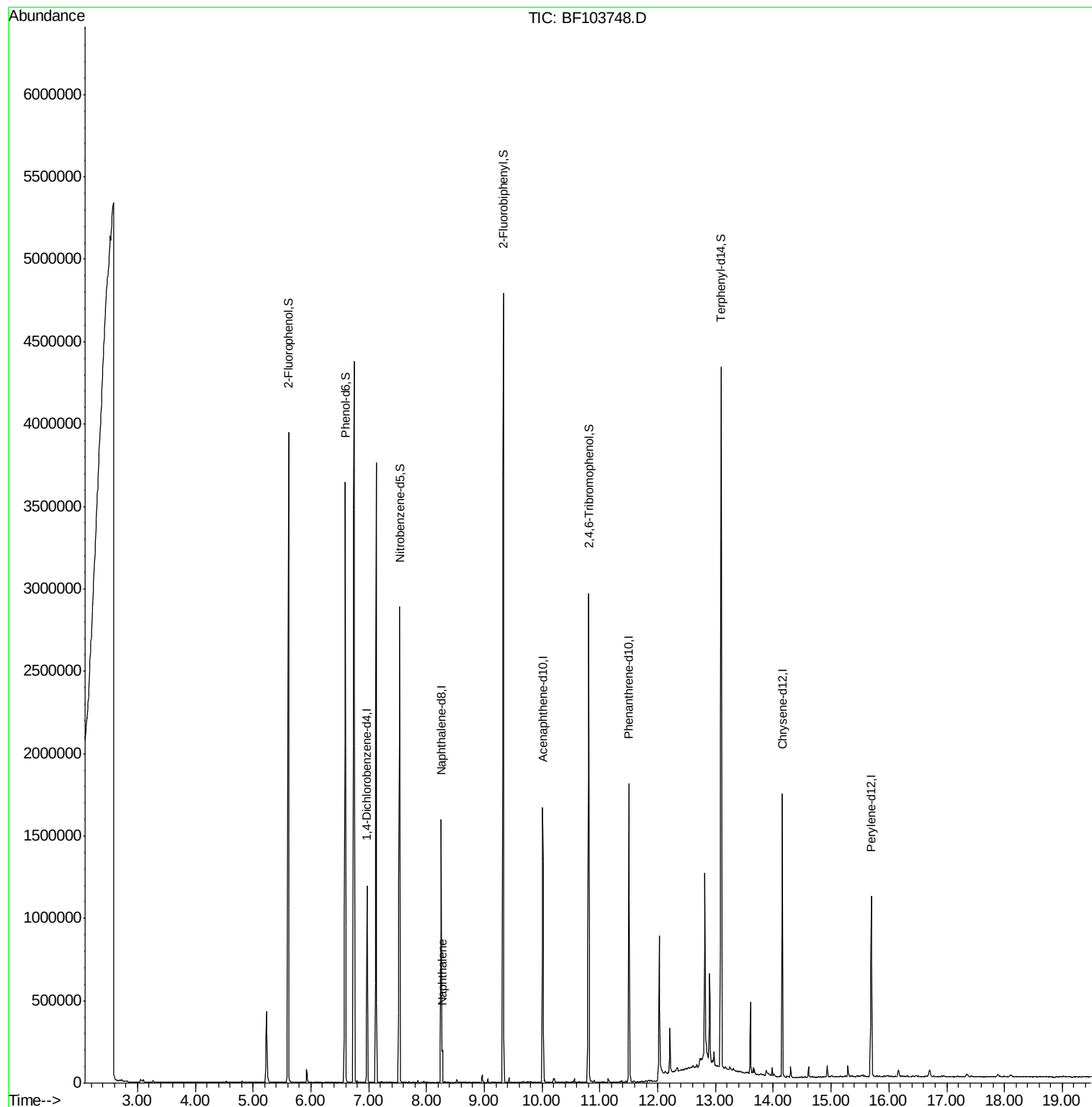
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170083	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	702782	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	327601	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	603272	20.00	ng	0.00
75) Chrysene-d12	14.16	240	548051	20.00	ng	0.00
86) Perylene-d12	15.70	264	497957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1338074	119.66	ng	0.02
7) Phenol-d6	6.60	99	1483642	108.45	ng	0.00
23) Nitrobenzene-d5	7.53	82	1144275	113.54	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	456395	162.03	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1829760	89.09	ng	0.00
78) Terphenyl-d14	13.10	244	1914644	81.09	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	84994	2.394	ng	Qvalue 100

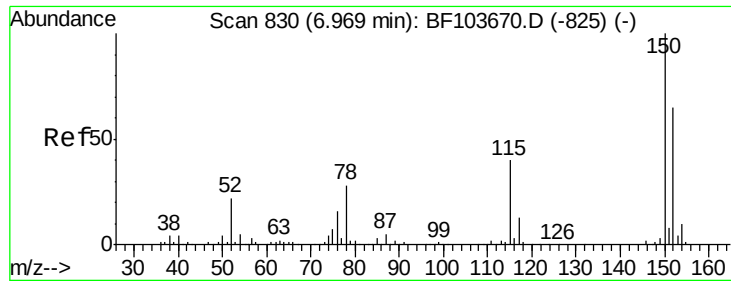
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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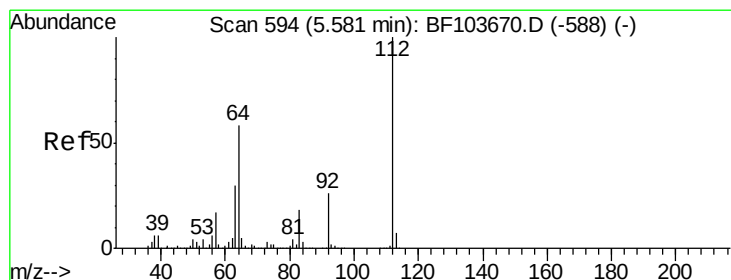
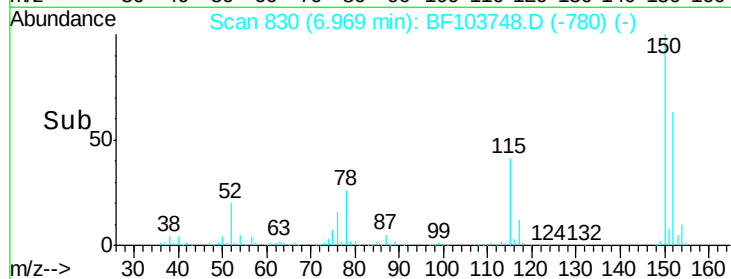
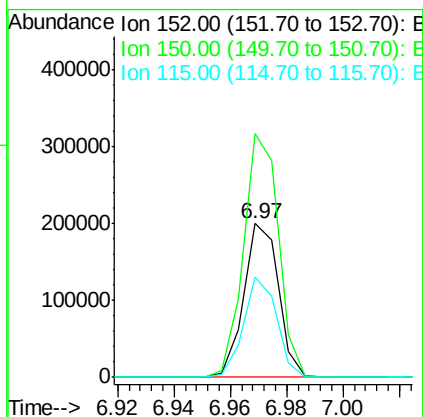
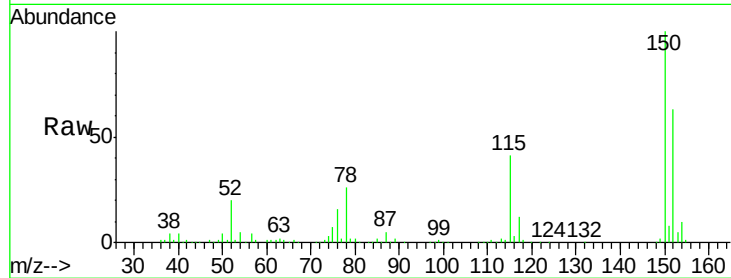


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Instrument :
BNA_F
ClientSampleId :
CS-1

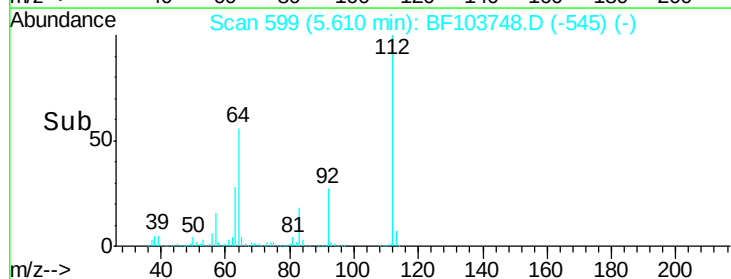
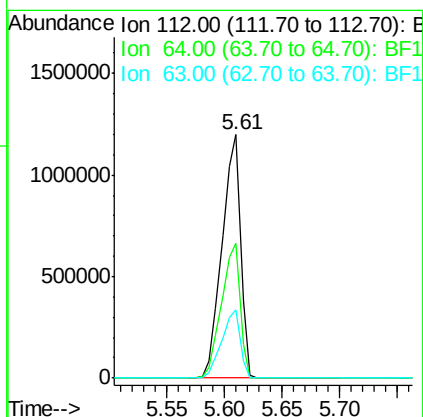
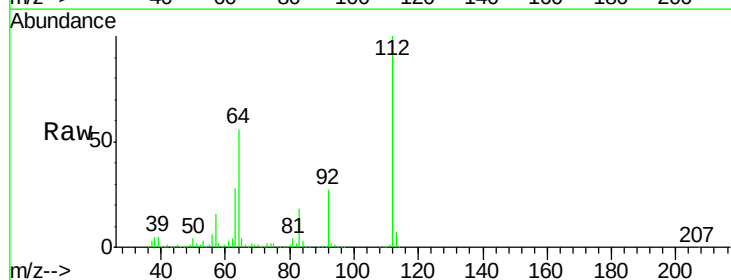
Tot Ion:152 Resp: 170083
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 65.3 50.1 75.1

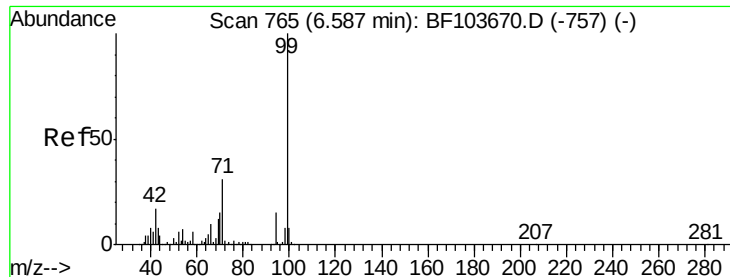


#5

2-Fluorophenol
Concen: 119.659 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Tgt Ion:112 Resp: 1338074
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 108.447 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103748.D

Acq: 19 Mar 2018 11:16

Instrument :

BNA_F

ClientSampleId :

CS-1

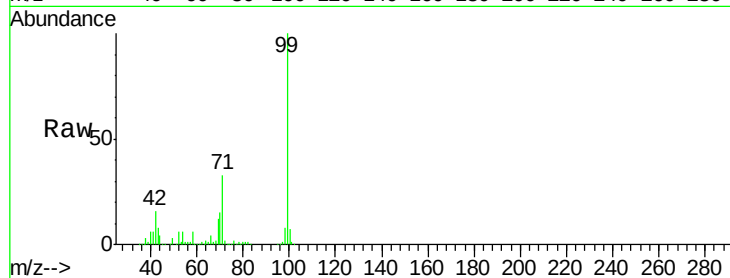
Tot Ion: 99 Resp: 1483642

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

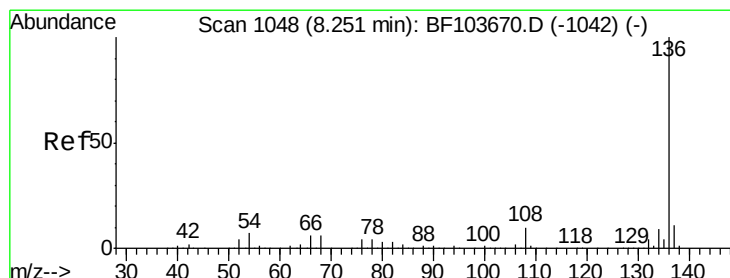
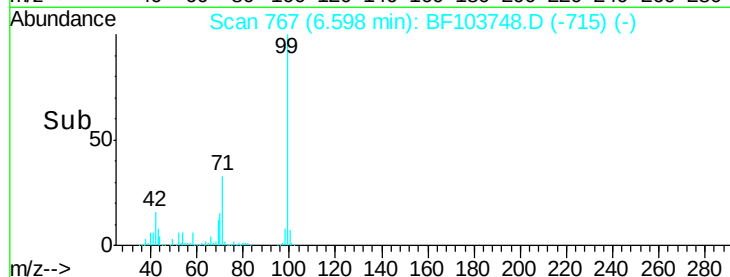
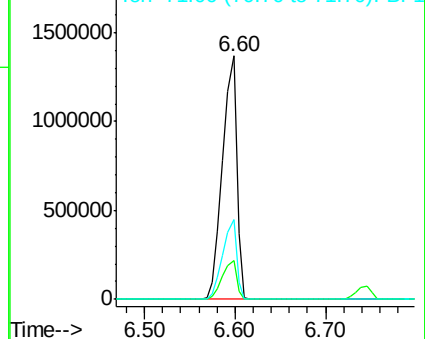
71 32.6 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103748.D

Acq: 19 Mar 2018 11:16

Tgt Ion: 136 Resp: 702782

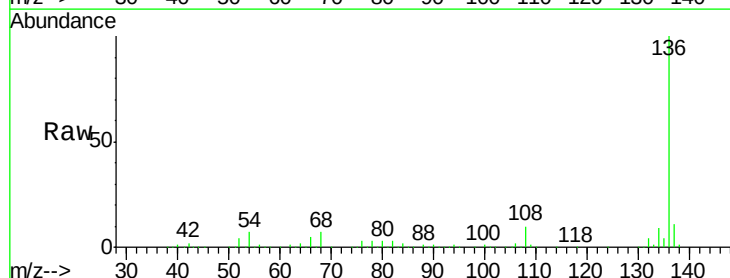
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.5 5.0 7.4

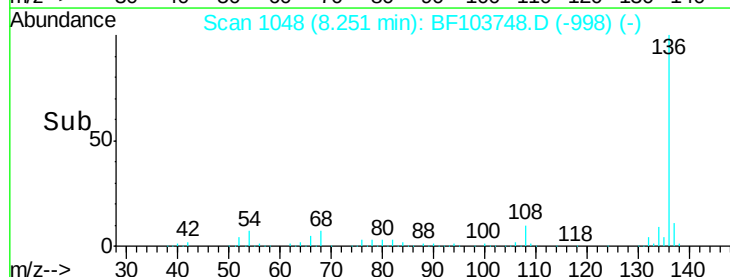
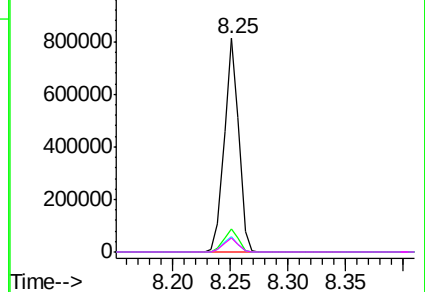


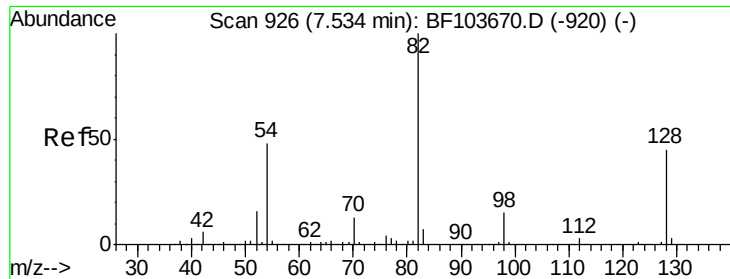
Abundance Ion 136.00 (135.70 to 136.70): E

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

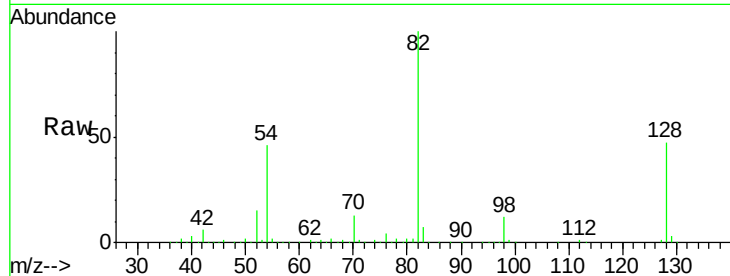




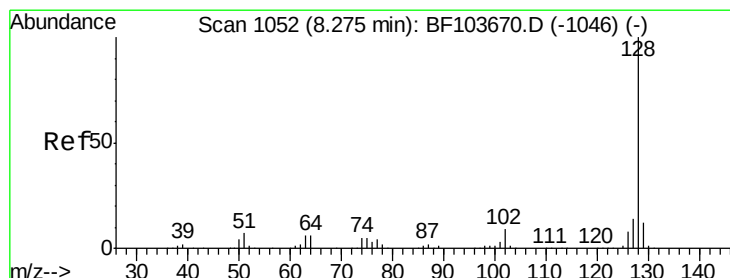
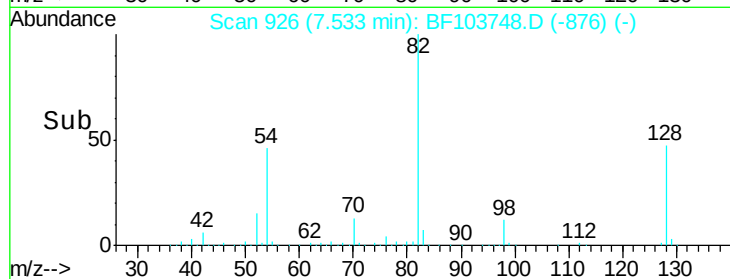
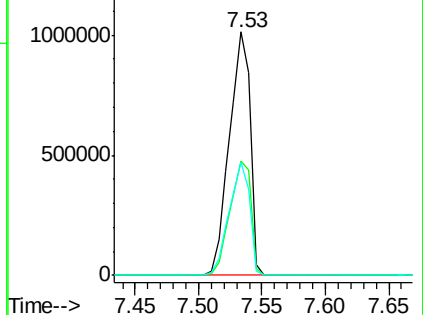
#23
Nitrobenzene-d5
Concen: 113.545 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Instrument :
BNA_F
ClientSampleId :
CS-1

Tot Ion: 82 Resp: 1144275
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 46.5 41.4 62.2

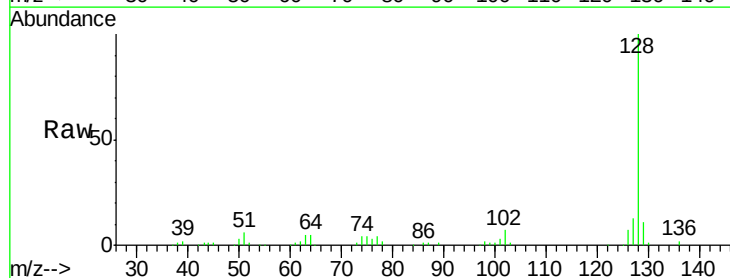


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

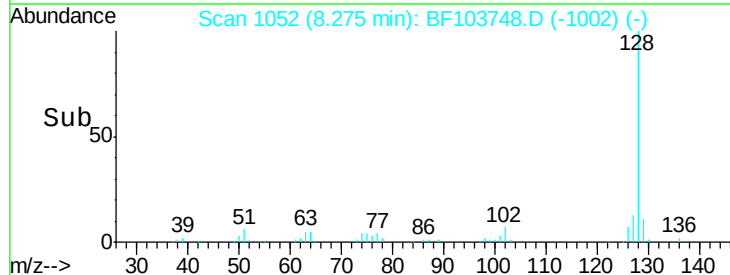
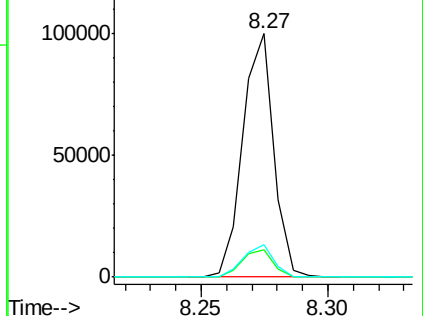


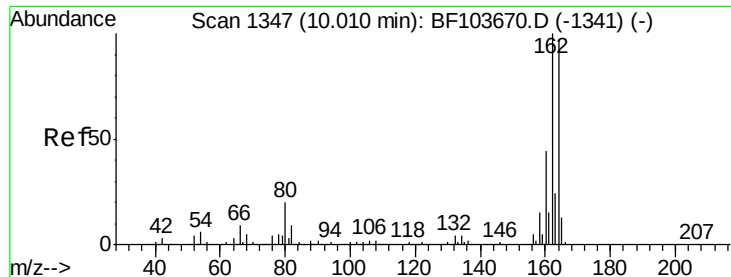
#31
Naphthalene
Concen: 2.394 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Tgt Ion: 128 Resp: 84994
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

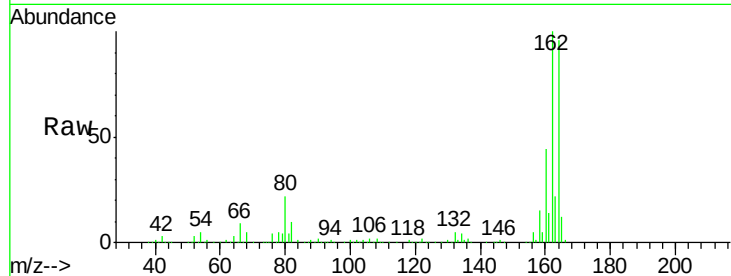




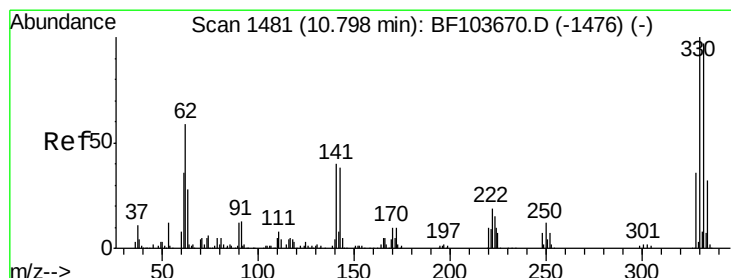
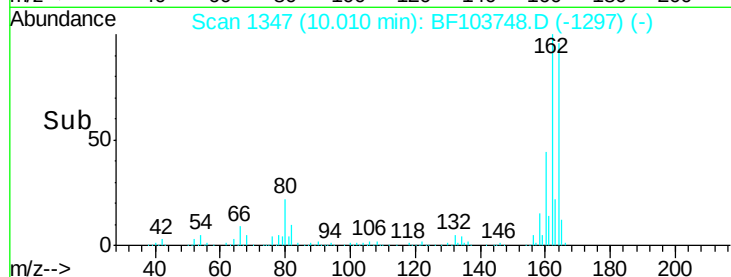
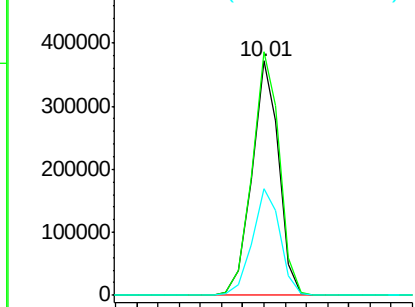
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Instrument :
BNA_F
ClientSampled :
CS-1

Tot Ion:164 Resp: 327601
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 45.8 38.3 57.5

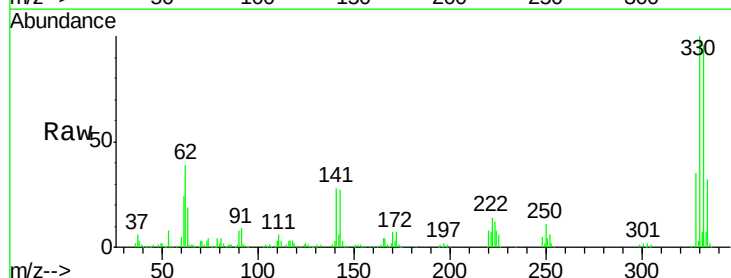


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

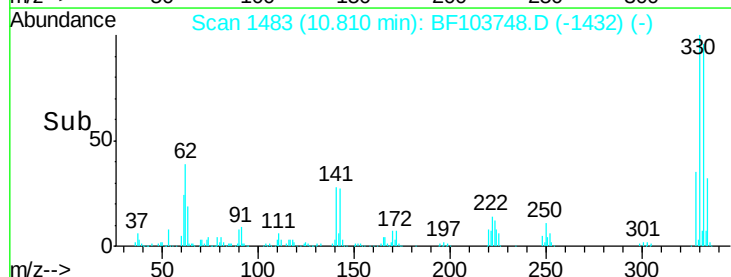
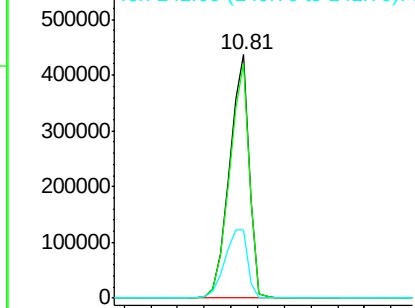


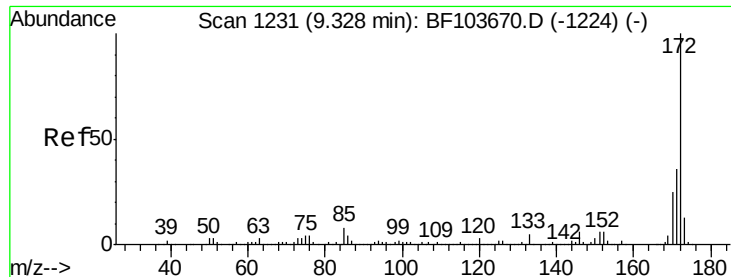
#41
2,4,6-Tribromophenol
Concen: 162.030 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Tgt Ion:330 Resp: 456395
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 32.5 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

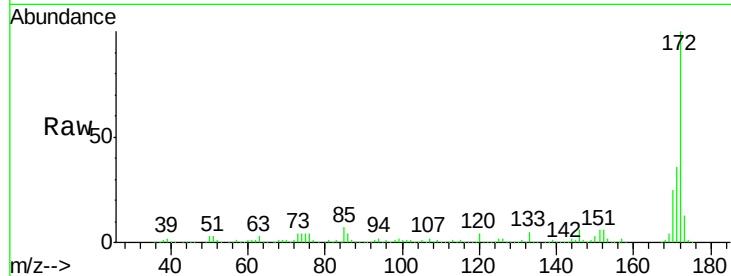




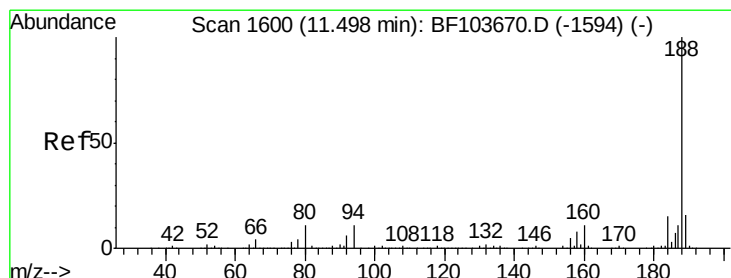
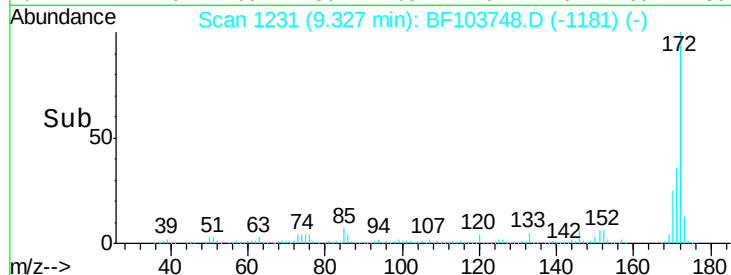
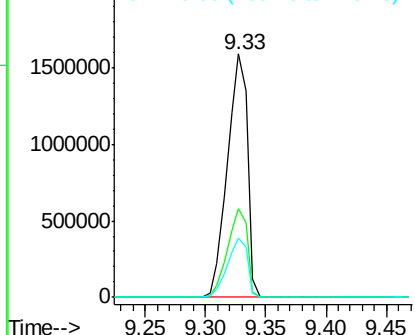
#44
2-Fluorobiphenyl
Concen: 89.094 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Instrument :
BNA_F
ClientSampleId :
CS-1

Tot Ion:172 Resp: 1829760
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.6 19.6 29.4

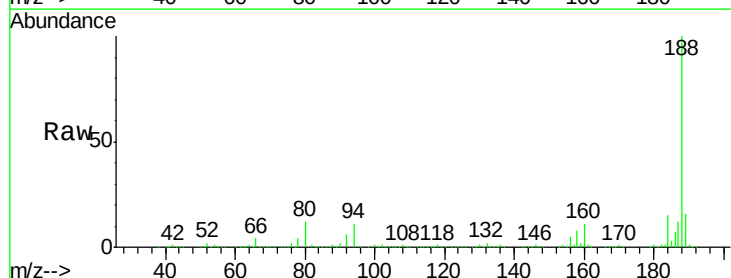


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

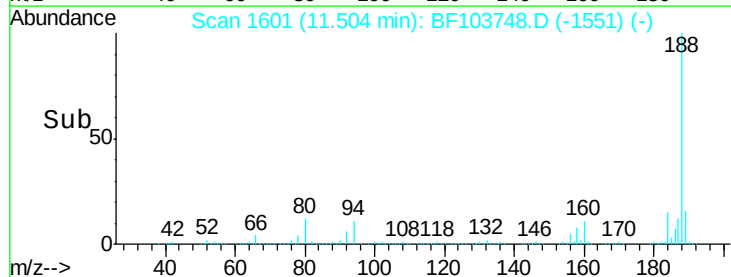
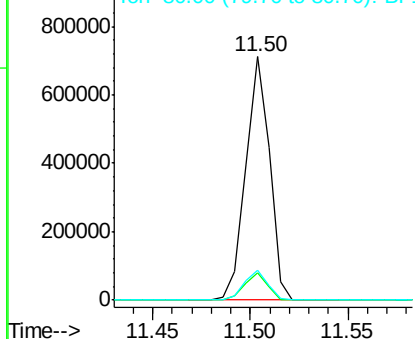


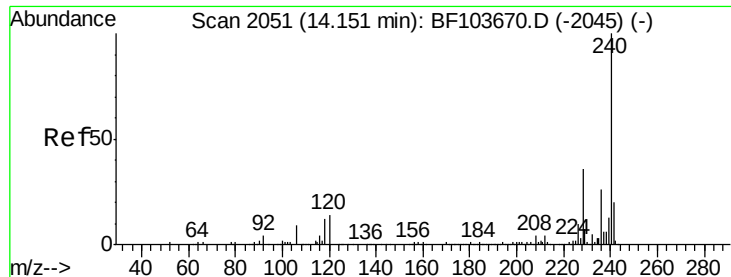
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103748.D
Acq: 19 Mar 2018 11:16

Tgt Ion:188 Resp: 603272
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.1 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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103748.D

Acq: 19 Mar 2018 11:16

Instrument :

BNA_F

ClientSampleId :

CS-1

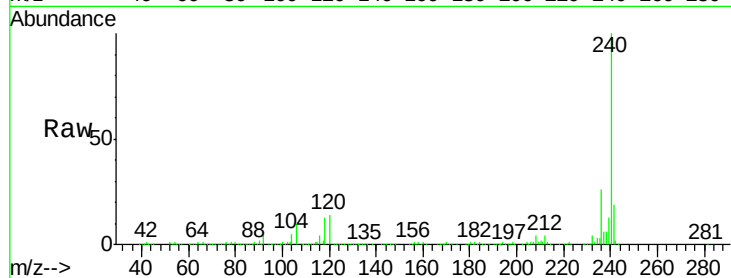
Tot Ion:240 Resp: 548051

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

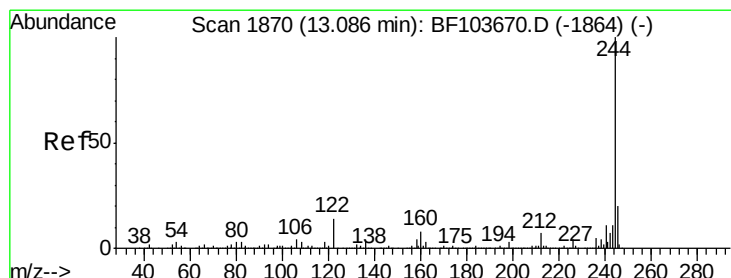
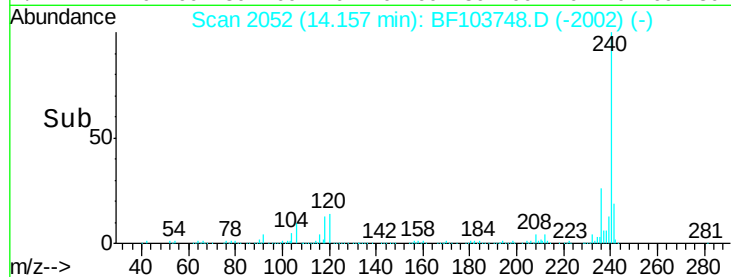
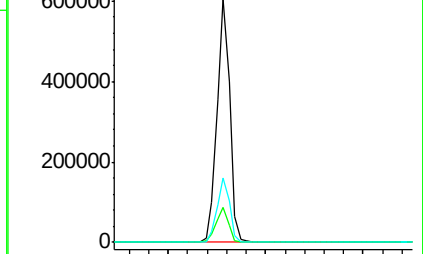
236 26.2 20.7 31.1



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: 81.090 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103748.D

Acq: 19 Mar 2018 11:16

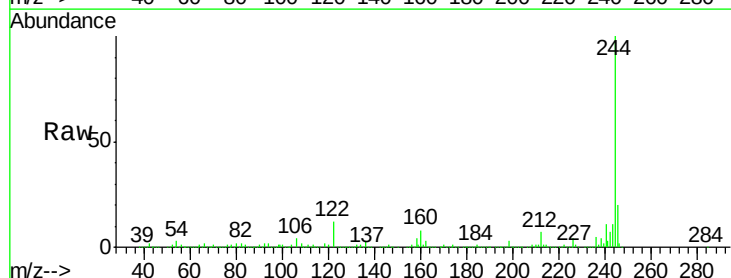
Tgt Ion:244 Resp: 1914644

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

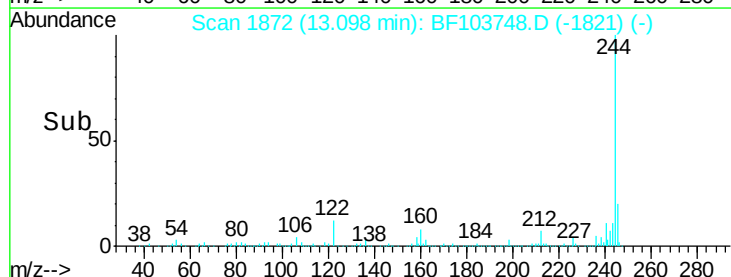
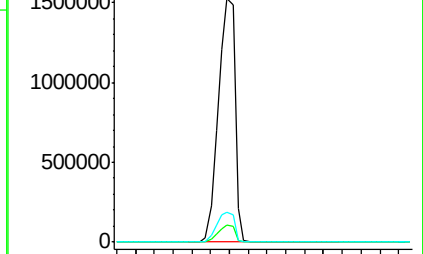
122 12.0 11.0 16.4

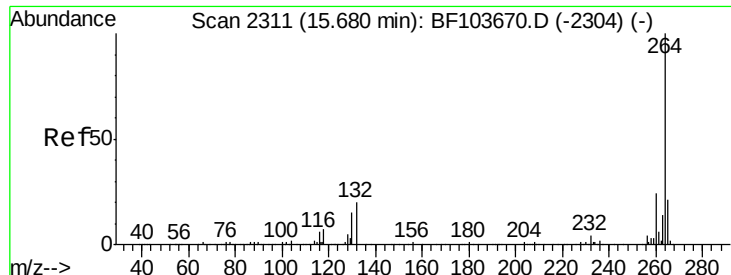


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

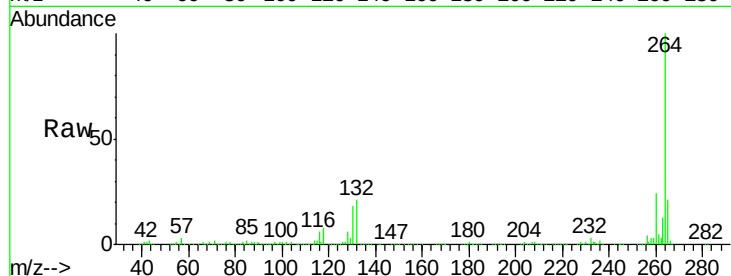




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF103748.D
 Acq: 19 Mar 2018 11:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3



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

