

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103780.D
 Acq On : 20 Mar 2018 2:18
 Operator : JU/SJ
 Sample : J1971-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-EW@2

Quant Time: Mar 20 04:59:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

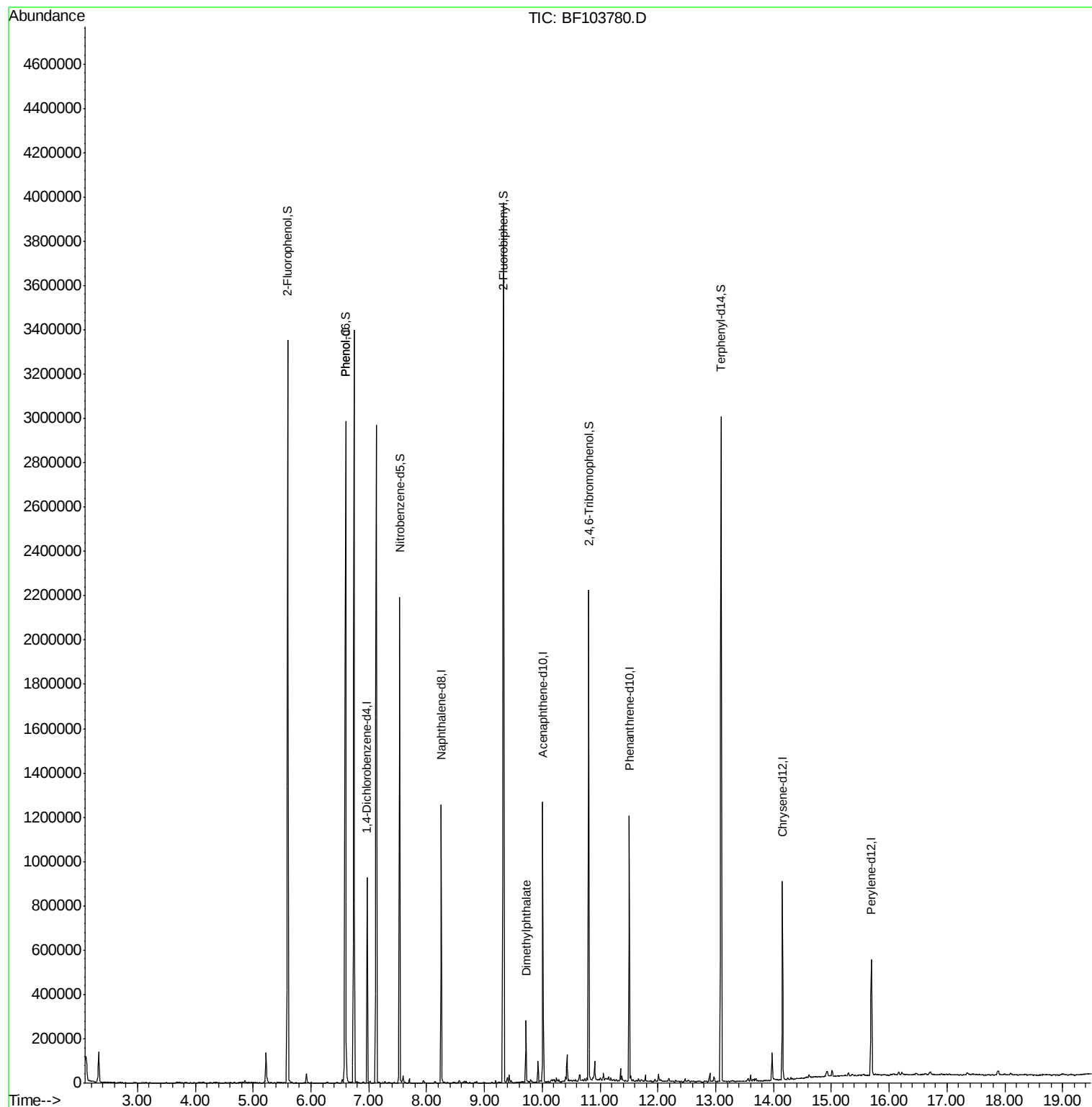
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140934	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	564815	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	249643	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	398728	20.00	ng	0.00
75) Chrysene-d12	14.16	240	287101	20.00	ng	0.00
86) Perylene-d12	15.69	264	241327	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1082892	116.87	ng	0.02
7) Phenol-d6	6.60	99	1304098	115.04	ng	0.01
23) Nitrobenzene-d5	7.53	82	796250	98.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	277890	129.47	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1293132	82.63	ng	0.00
78) Terphenyl-d14	13.09	244	1034271	83.62	ng	0.00
Target Compounds						
10) Phenol	6.60	94	97152	8.065	ng	98
49) Dimethylphthalate	9.72	163	92591	4.861	ng	99

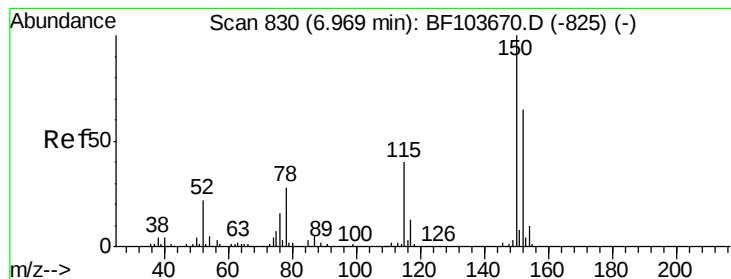
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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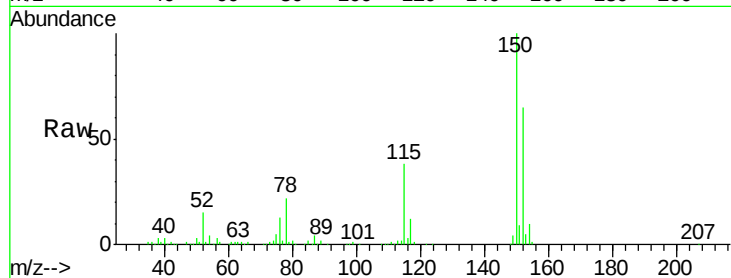


#1

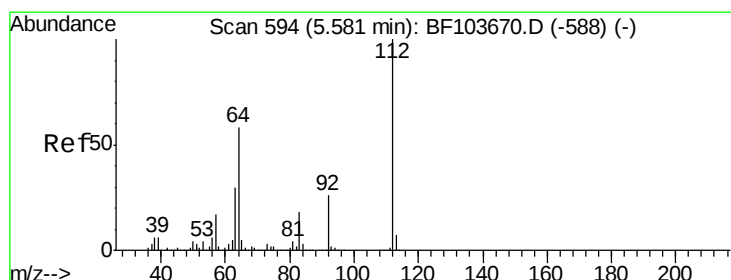
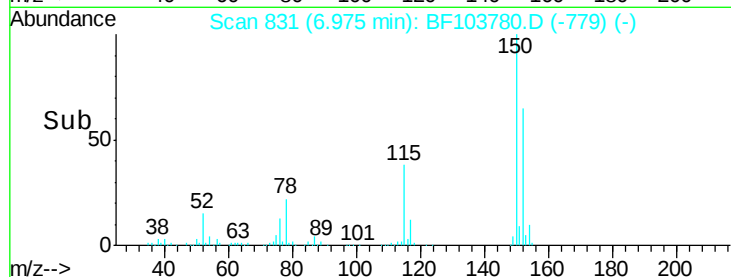
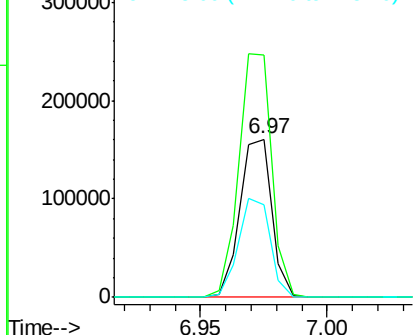
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103780.D
Acq: 20 Mar 2018 2:18

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-EW@2

Tot Ion:152 Resp: 140934
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.3 50.1 75.1



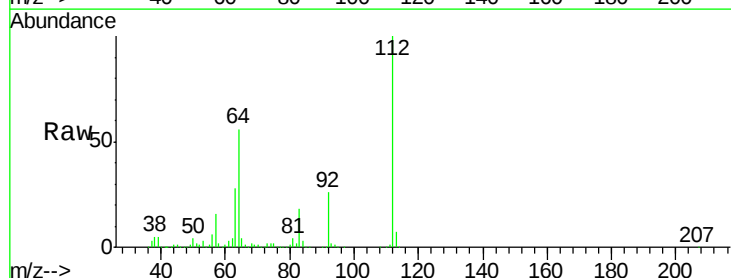
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



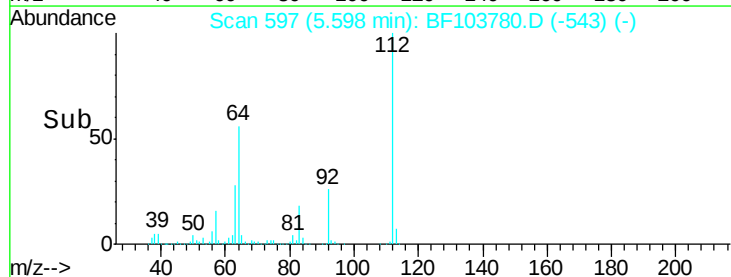
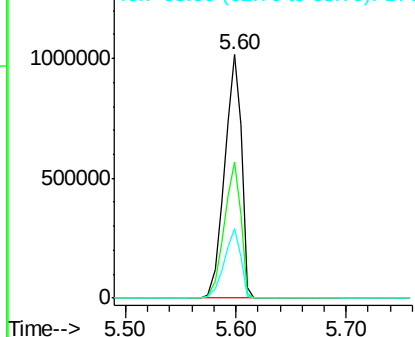
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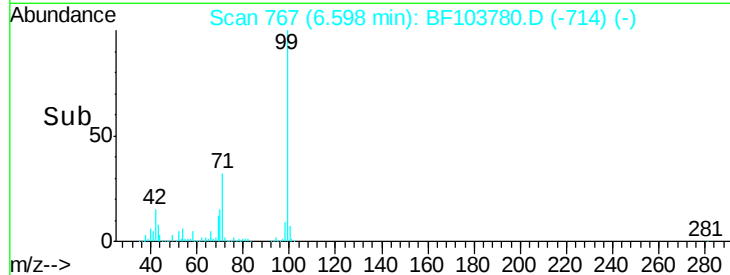
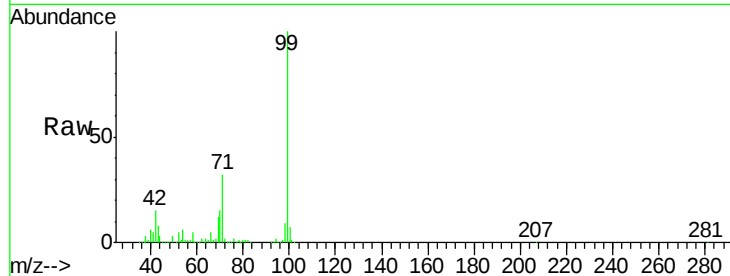
2-Fluorophenol
Concen: 116.868 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103780.D
Acq: 20 Mar 2018 2:18

Tgt Ion:112 Resp: 1082892
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.3 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: 115.038 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103780.D

Acq: 20 Mar 2018 2:18

Instrument :

BNA_F

ClientSampleId :

ES-6-SA-1-EW@2

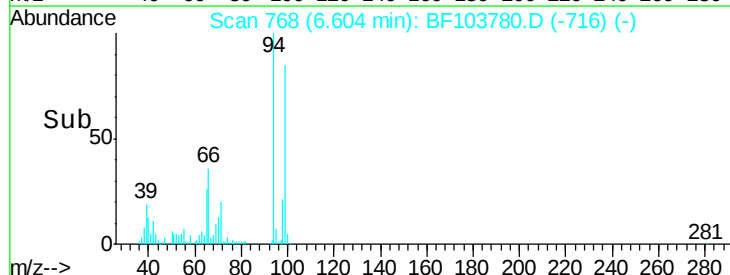
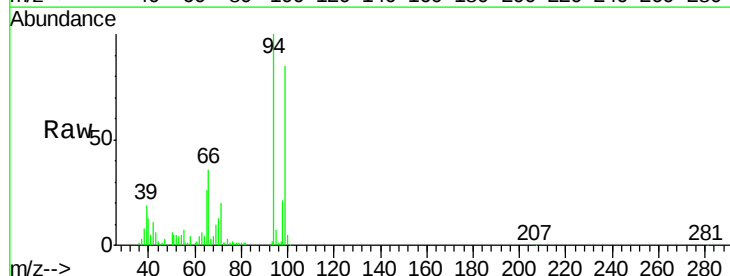
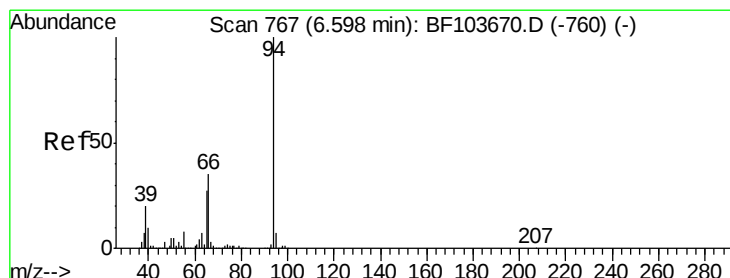
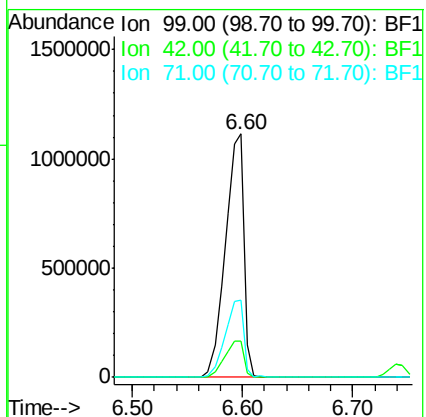
Tot Ion: 99 Resp: 1304098

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 31.6 25.4 38.0



#10

Phenol

Concen: 8.065 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103780.D

Acq: 20 Mar 2018 2:18

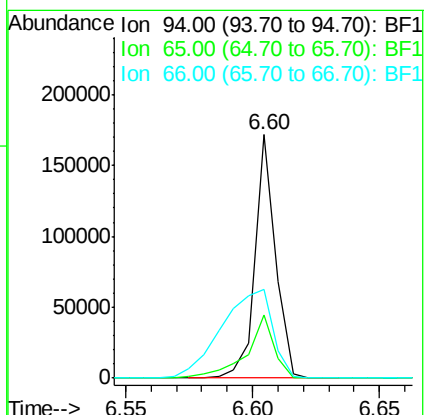
Tgt Ion: 94 Resp: 97152

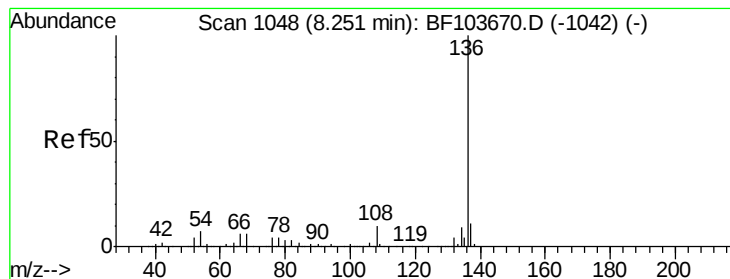
Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

66 36.4 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103780.D

Acq: 20 Mar 2018 2:18

Instrument :

BNA_F

ClientSampleId :

ES-6-SA-1-EW@2

Tot Ion:136 Resp: 564815

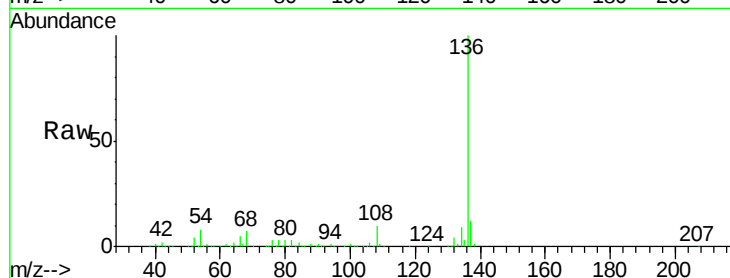
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.5 6.6 9.8

68 6.5 5.0 7.4

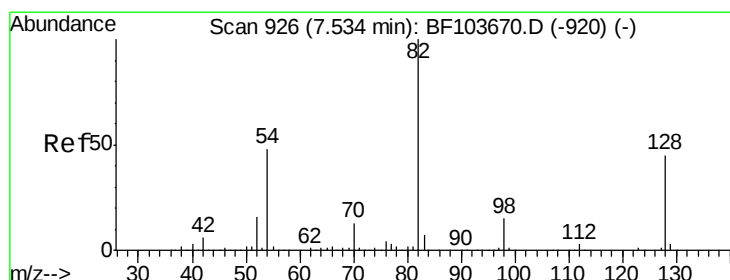
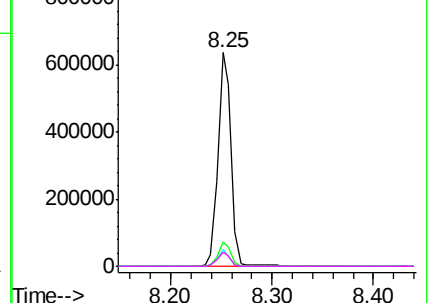
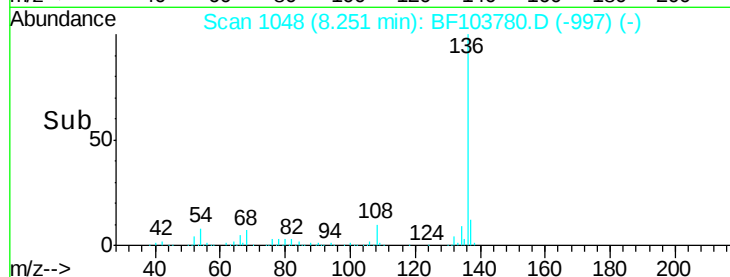


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.310 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF103780.D

Acq: 20 Mar 2018 2:18

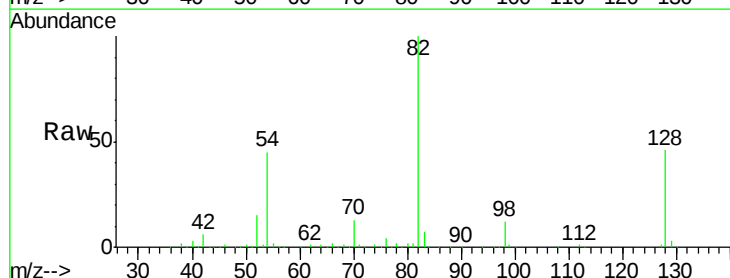
Tgt Ion: 82 Resp: 796250

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

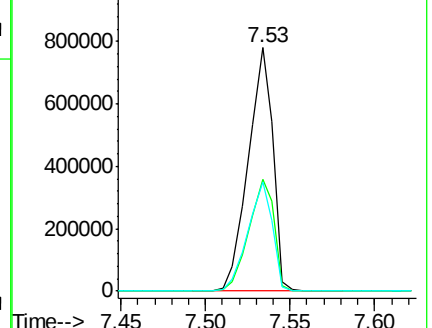
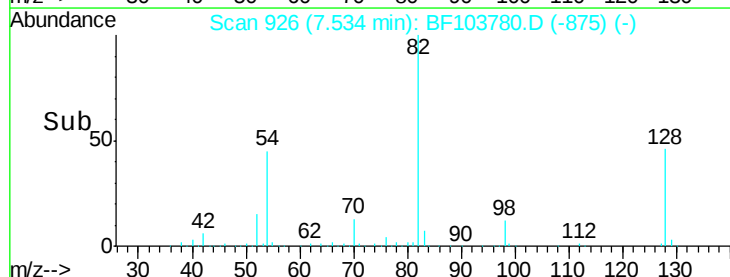
54 45.0 41.4 62.2

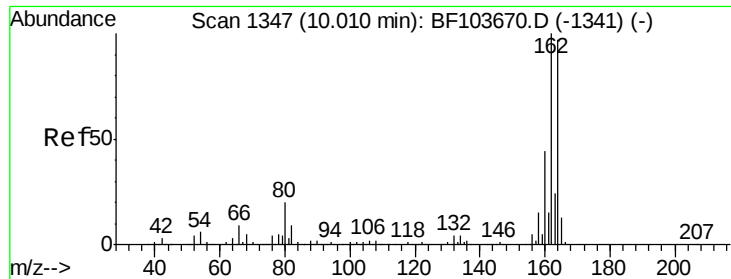


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

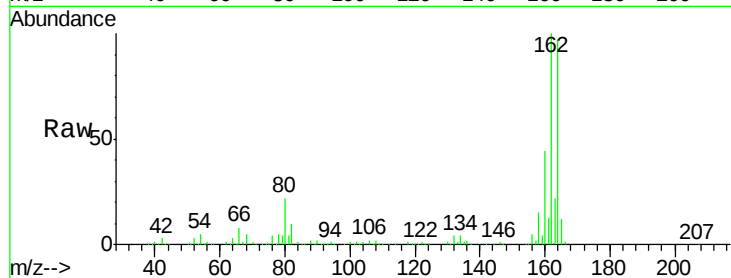




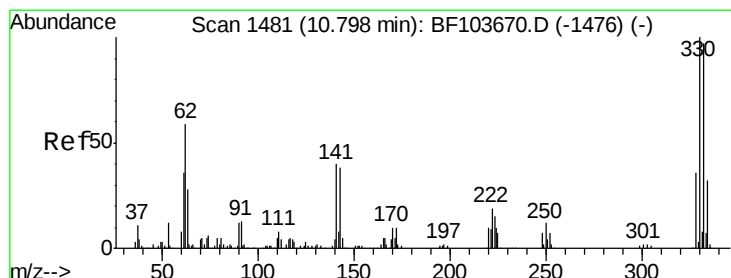
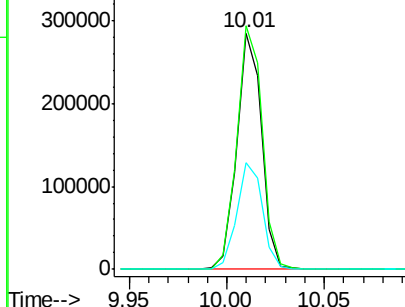
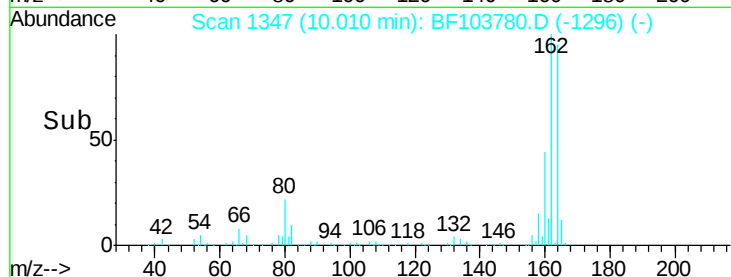
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103780.D
 Acq: 20 Mar 2018 2:18

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-EW@2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.2	38.3	57.5

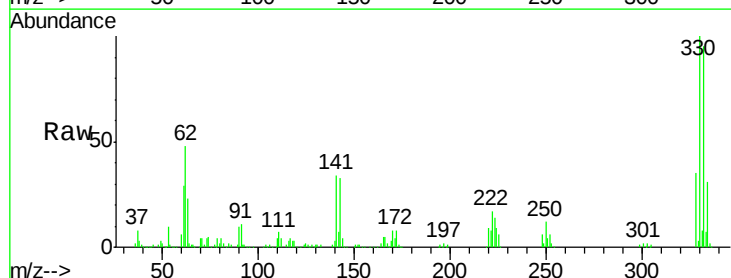


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

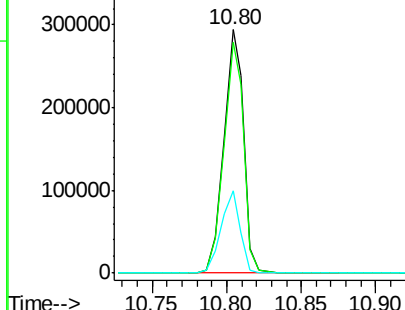
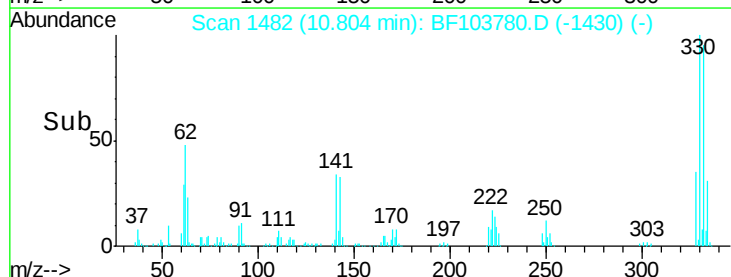


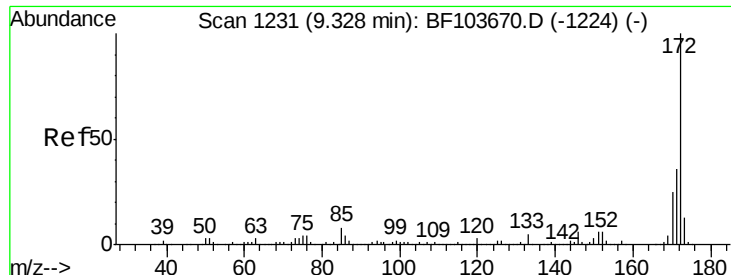
#41
 2,4,6-Tribromophenol
 Concen: 129.465 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103780.D
 Acq: 20 Mar 2018 2:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.8	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



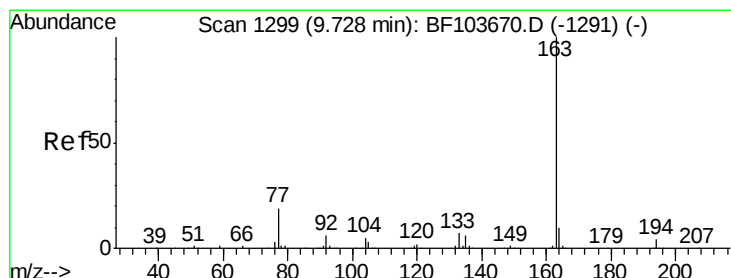
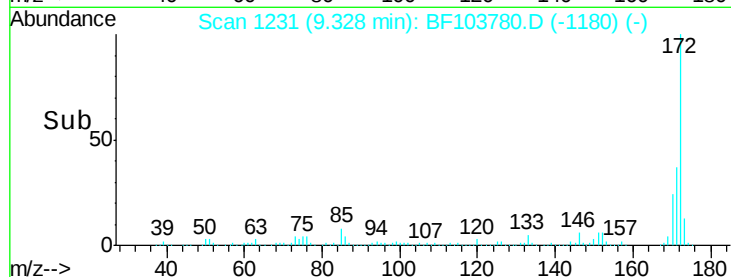
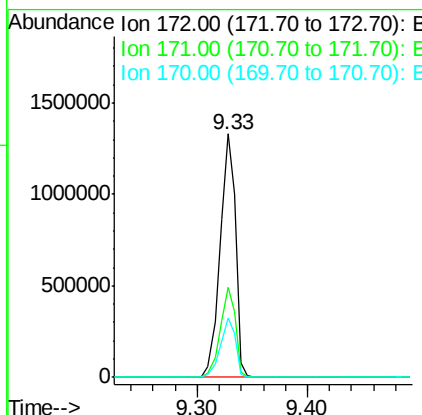
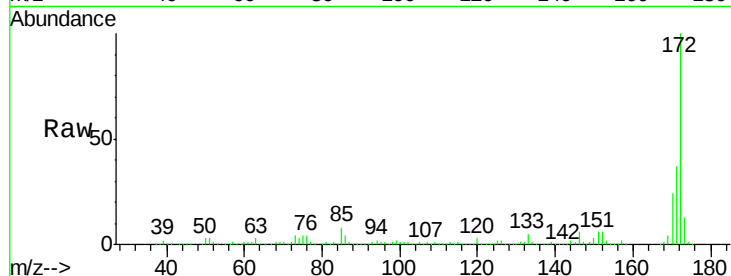


#44
2-Fluorobiphenyl
Concen: 82.628 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103780.D
Acq: 20 Mar 2018 2:18

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-EW@2

Tot Ion:172 Resp: 1293132

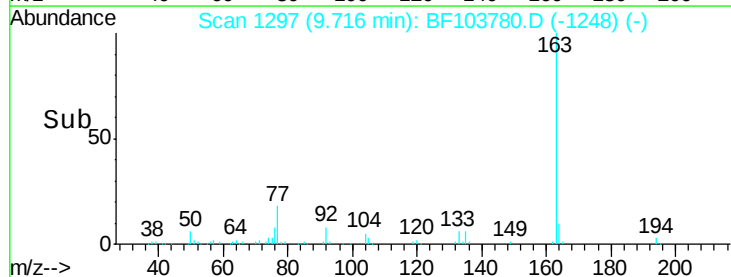
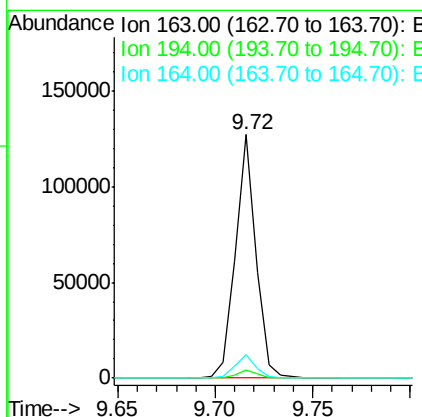
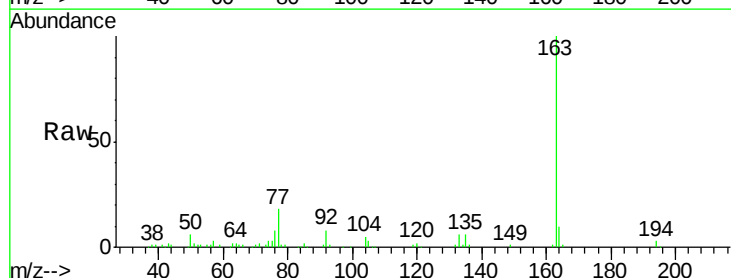
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4

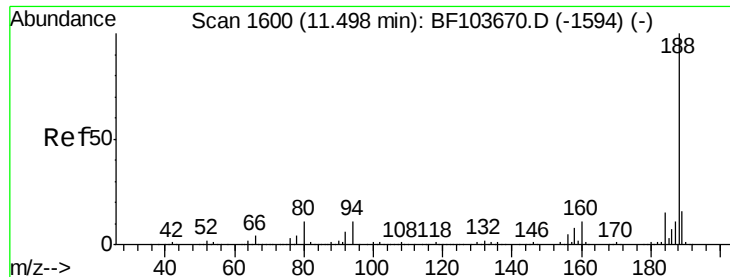


#49
Dimethylphthalate
Concen: 4.861 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103780.D
Acq: 20 Mar 2018 2:18

Tgt Ion:163 Resp: 92591

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.6	8.2	12.2

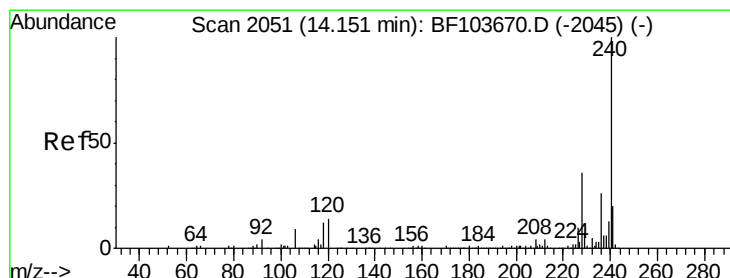
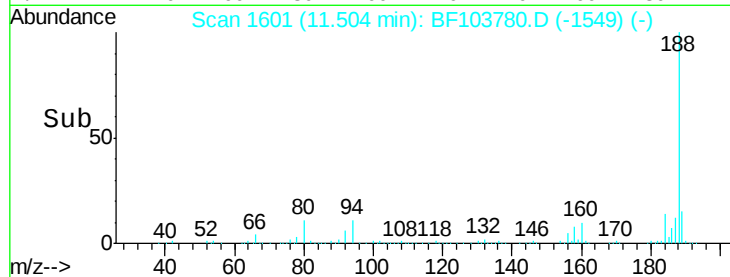
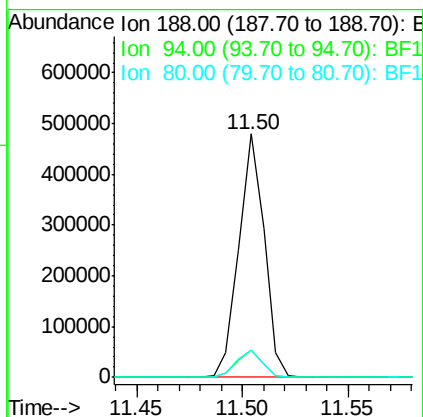
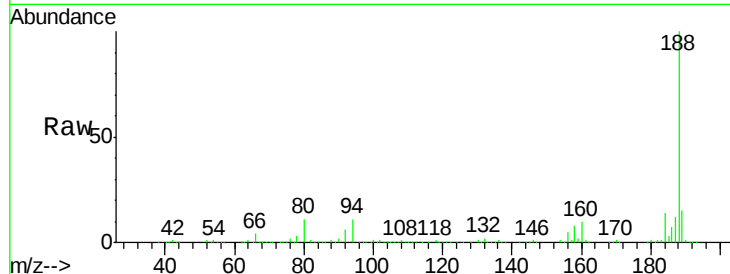




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103780.D
Acq: 20 Mar 2018 2:18

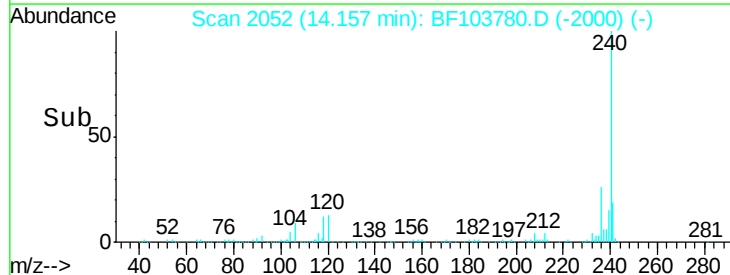
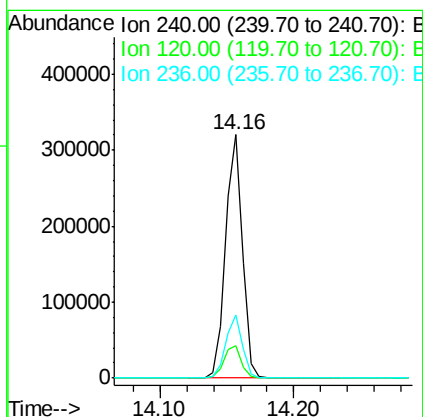
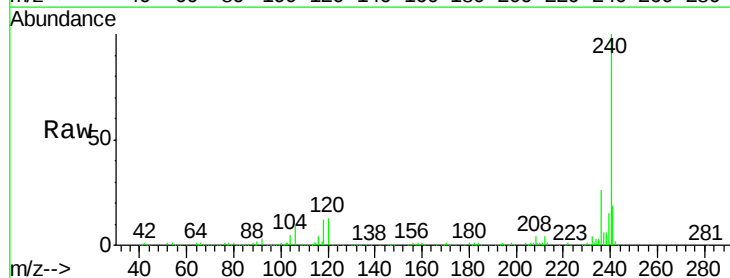
Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-EW@2

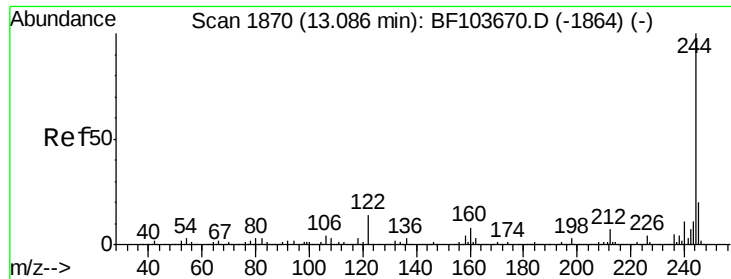
Tot Ion:188 Resp: 398728
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103780.D
Acq: 20 Mar 2018 2:18

Tgt Ion:240 Resp: 287101
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.0 20.7 31.1

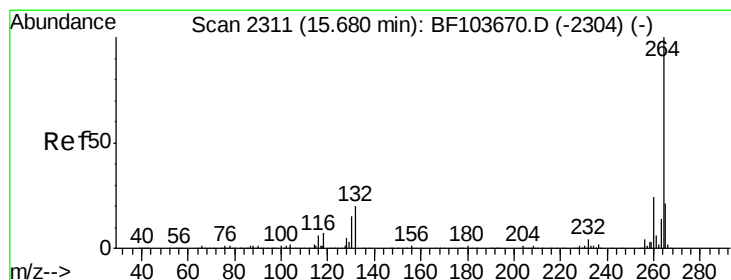
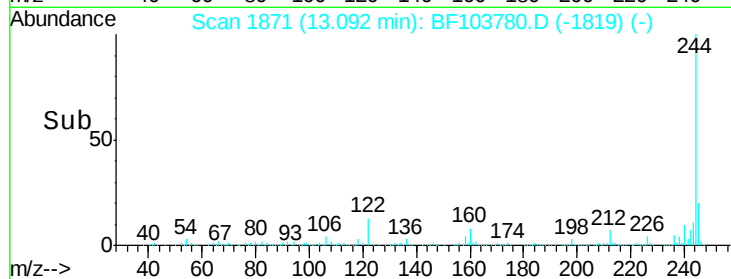
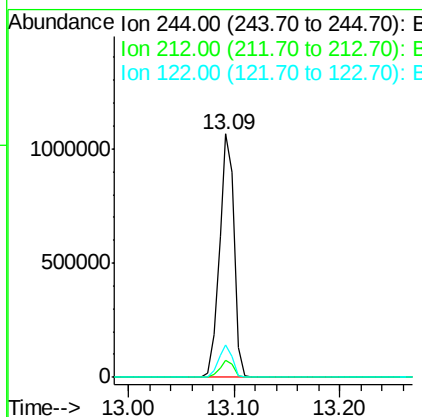
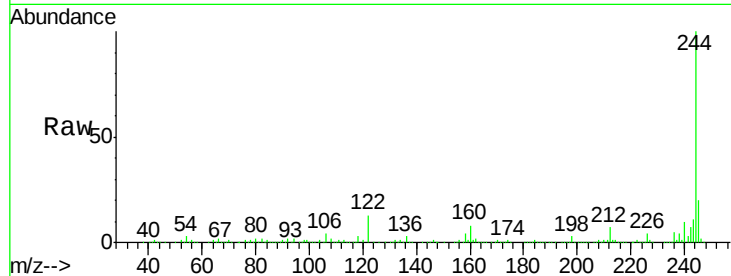




#78
 Terphenyl-d14
 Concen: 83.618 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103780.D
 Acq: 20 Mar 2018 2:18

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-EW@2

Tot Ion:244 Resp: 1034271
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103780.D
 Acq: 20 Mar 2018 2:18

Tgt Ion:264 Resp: 241327
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.5 26.3

