

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103878.D
 Acq On : 23 Mar 2018 14:20
 Operator : JU/SJ
 Sample : J1998-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)

Quant Time: Mar 23 18:16:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

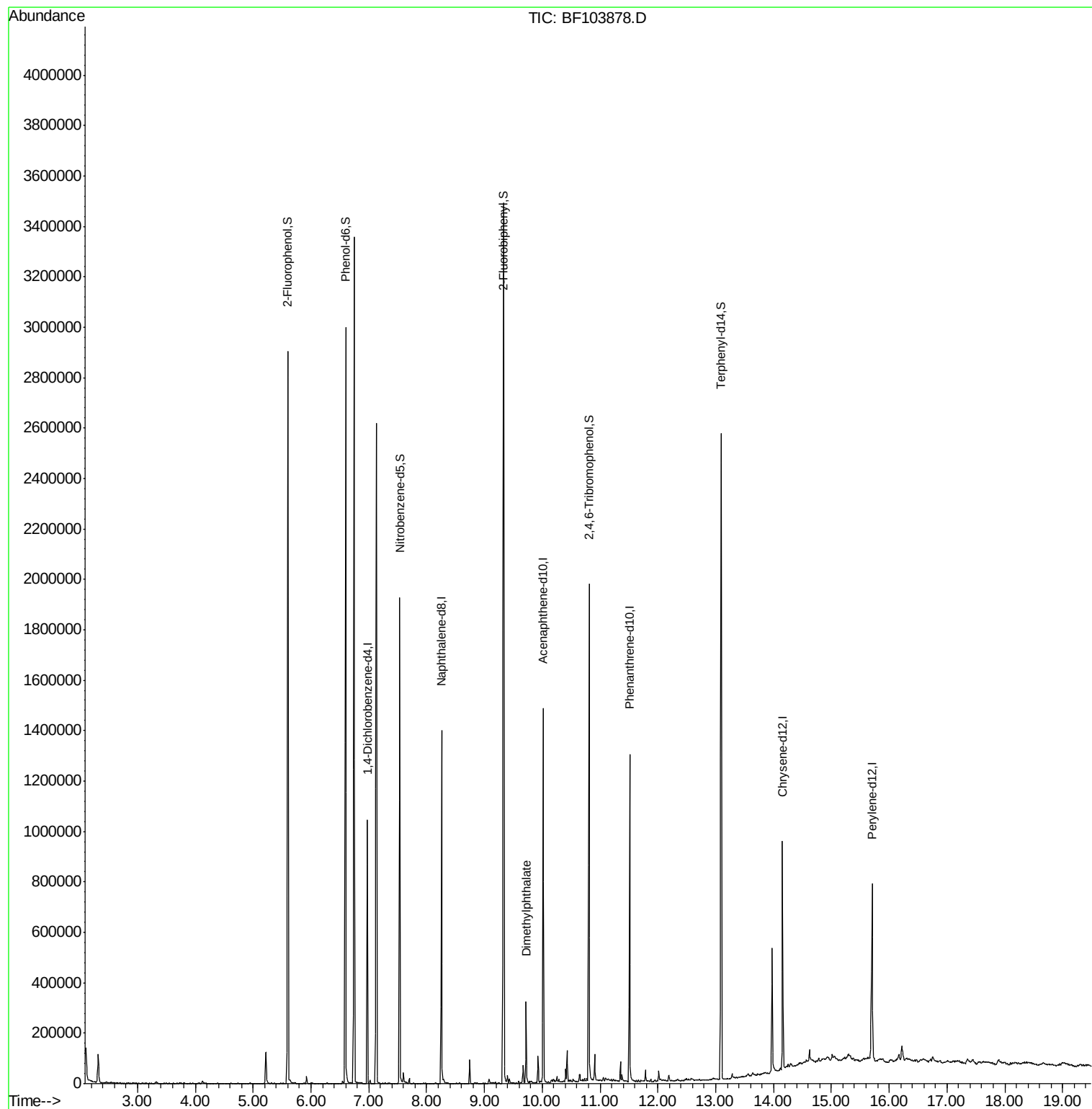
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155050	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	625607	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	284814	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	450993	20.00	ng	0.00
75) Chrysene-d12	14.16	240	313630	20.00	ng	0.00
86) Perylene-d12	15.70	264	312598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	967802	94.94	ng	0.01
7) Phenol-d6	6.60	99	1147703	92.03	ng	0.00
23) Nitrobenzene-d5	7.53	82	701308	78.17	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	266968	109.02	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1217217	68.17	ng	0.00
78) Terphenyl-d14	13.10	244	915404	67.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	132772	6.110	ng	99

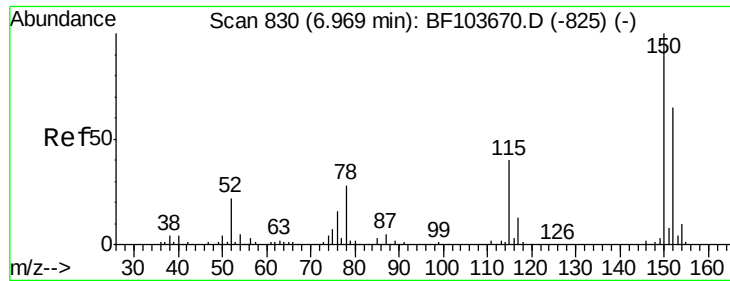
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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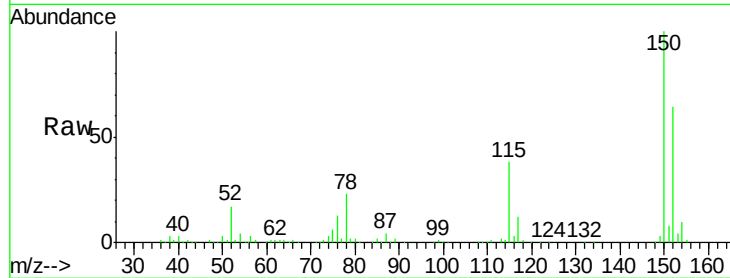


#1

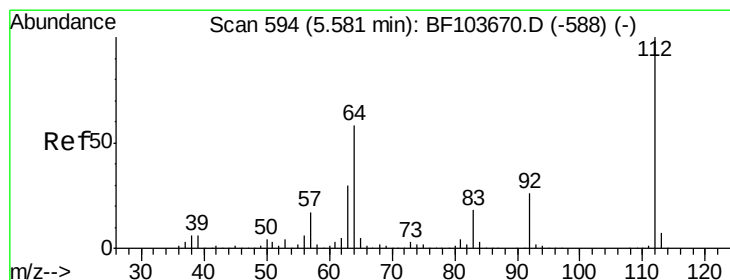
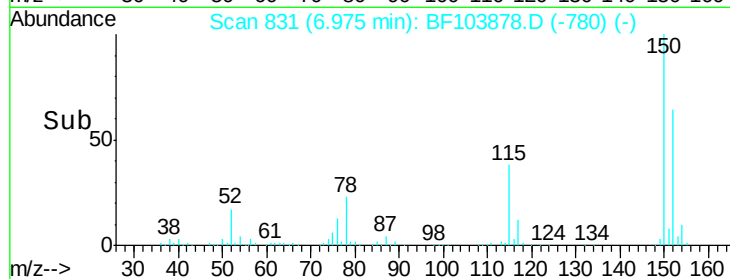
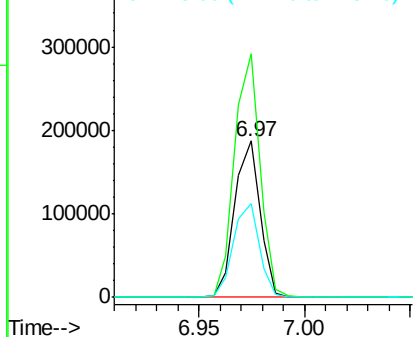
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103878.D
Acq: 23 Mar 2018 14:20

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)

Tot Ion:152 Resp: 155050
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 60.0 50.1 75.1



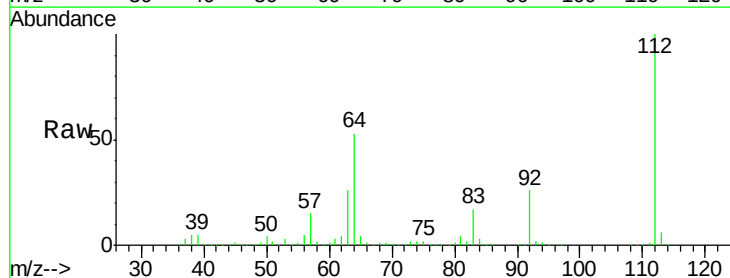
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



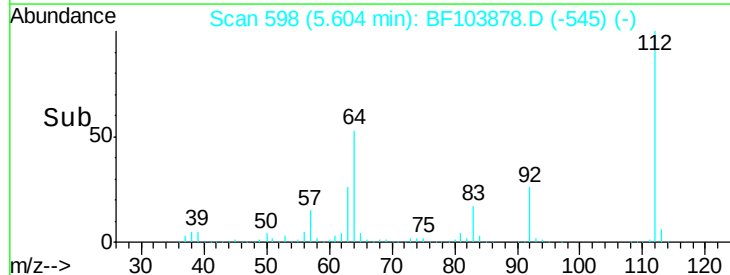
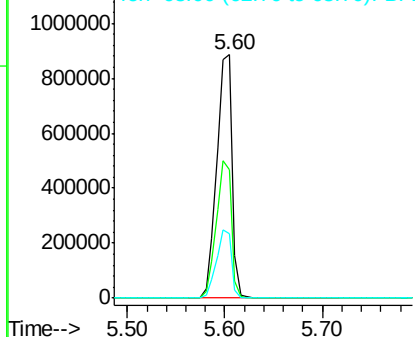
#5

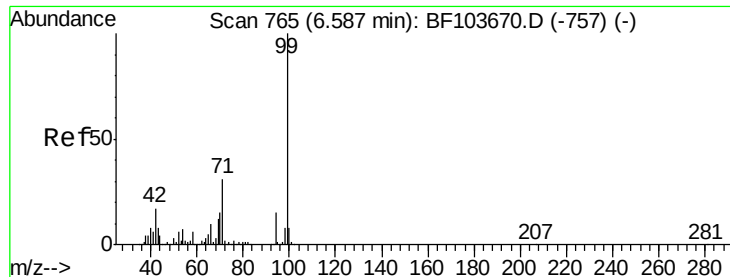
2-Fluorophenol
Concen: 94.938 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103878.D
Acq: 23 Mar 2018 14:20

Tgt Ion:112 Resp: 967802
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.5 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: 92.025 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103878.D

Acq: 23 Mar 2018 14:20

Instrument :

BNA_F

ClientSampleId :

SB-109(15-16)

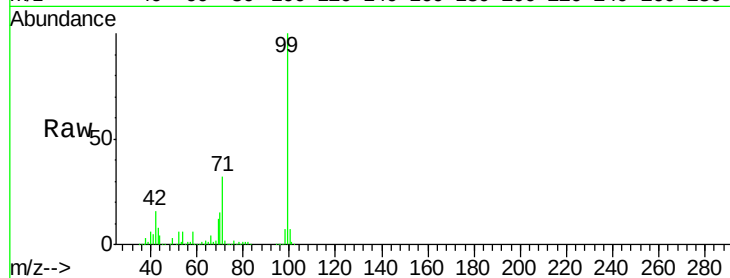
Tot Ion: 99 Resp: 1147703

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

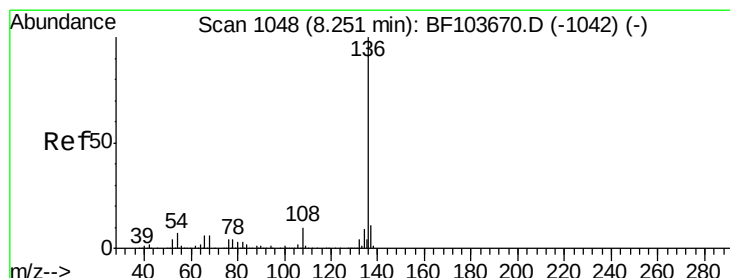
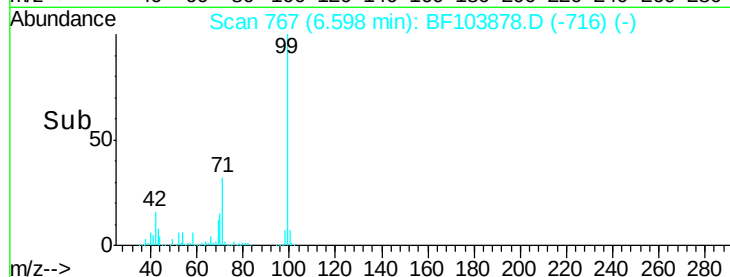
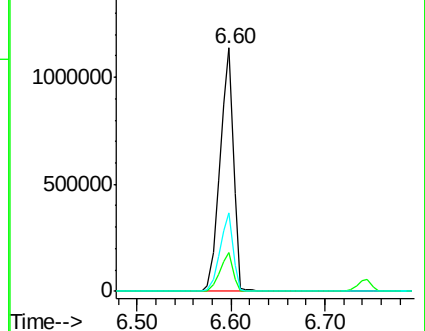
71 32.5 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103878.D

Acq: 23 Mar 2018 14:20

Tgt Ion: 136 Resp: 625607

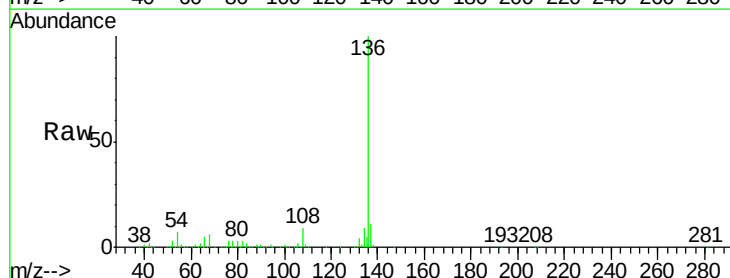
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

68 6.1 5.0 7.4

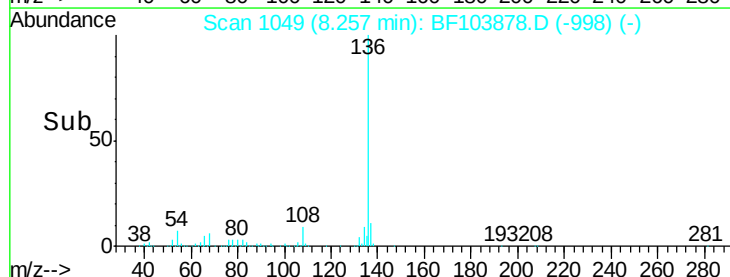
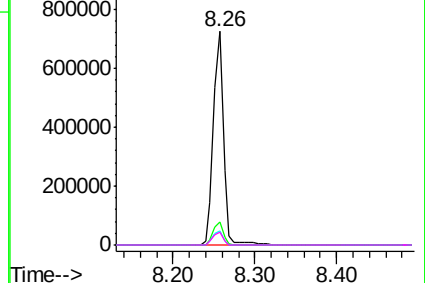


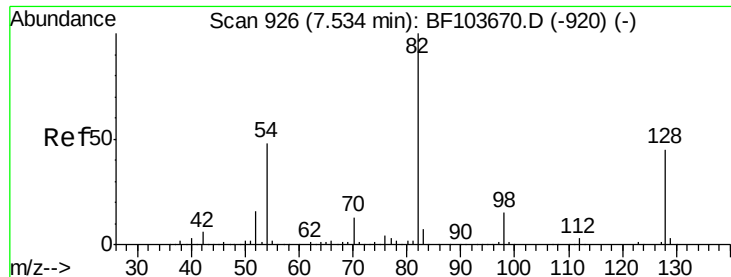
Abundance Ion 136.00 (135.70 to 136.70): E

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

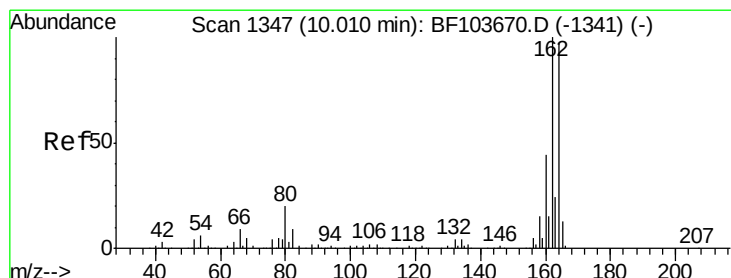
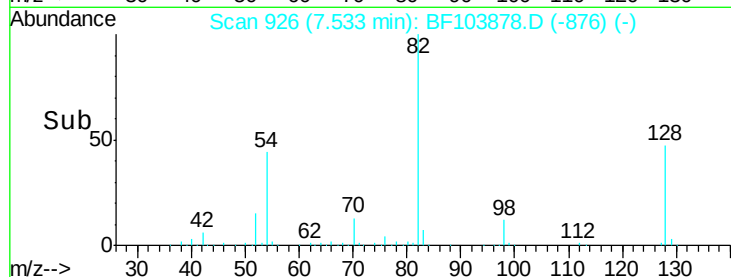
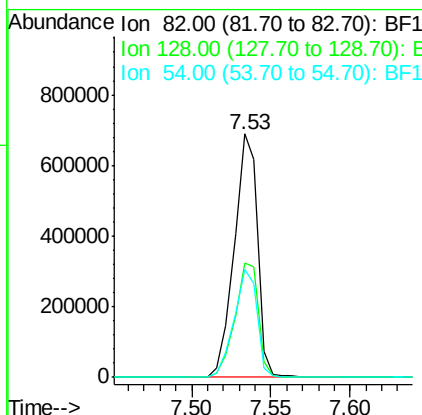
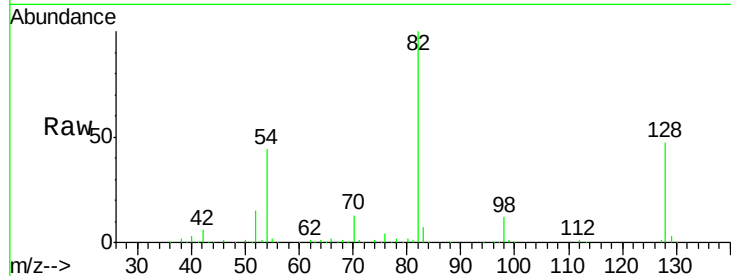




#23
 Nitrobenzene-d5
 Concen: 78.174 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103878.D
 Acq: 23 Mar 2018 14:20

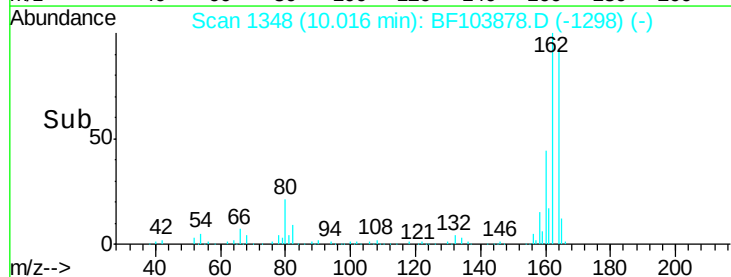
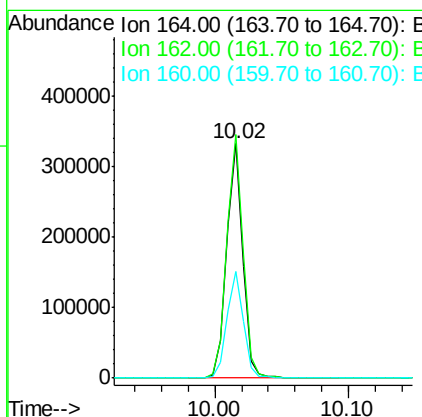
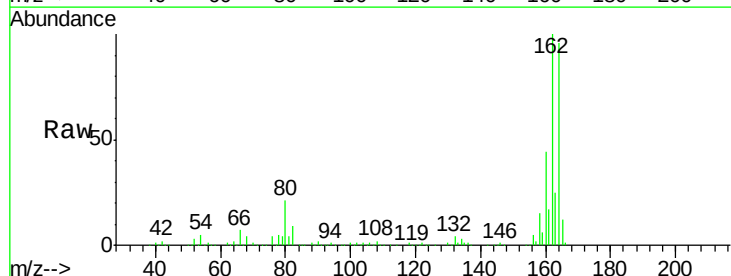
Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)

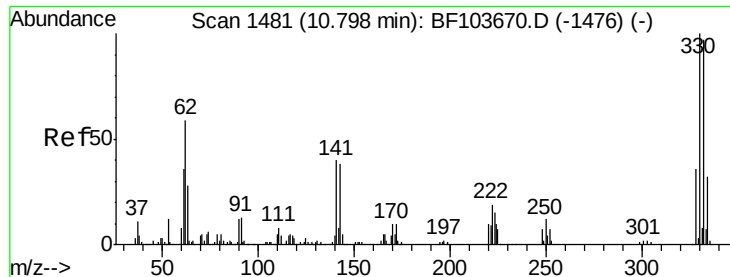
Tot Ion	82	Resp	701308
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	44.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103878.D
 Acq: 23 Mar 2018 14:20

Tgt Ion	164	Resp	284814
Ion Ratio	Lower	Upper	
164	100		
162	103.8	86.1	129.1
160	45.4	38.3	57.5

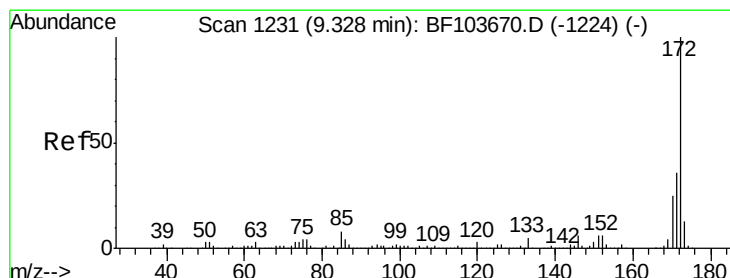
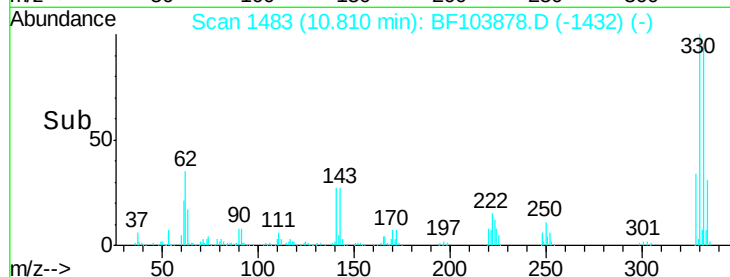
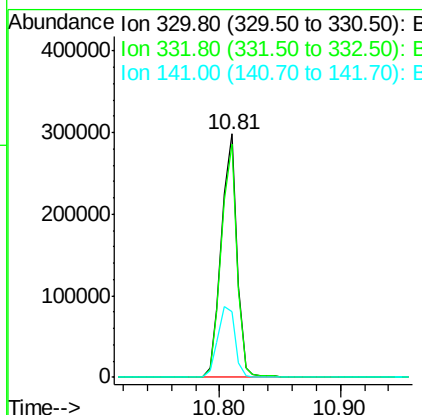
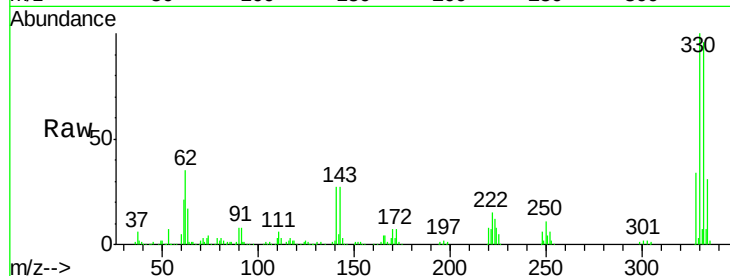




#41
 2,4,6-Tribromophenol
 Concen: 109.018 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103878.D
 Acq: 23 Mar 2018 14:20

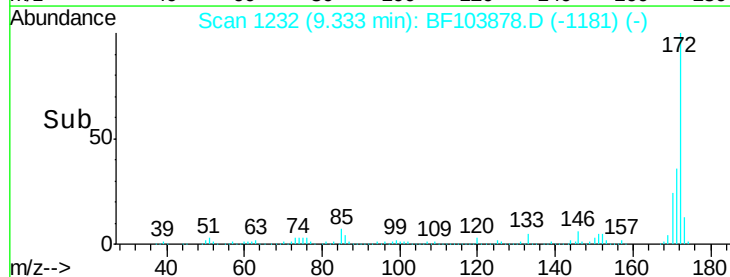
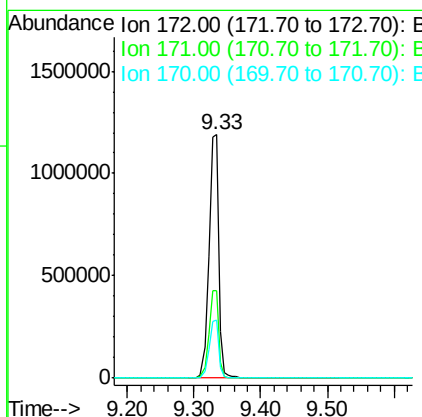
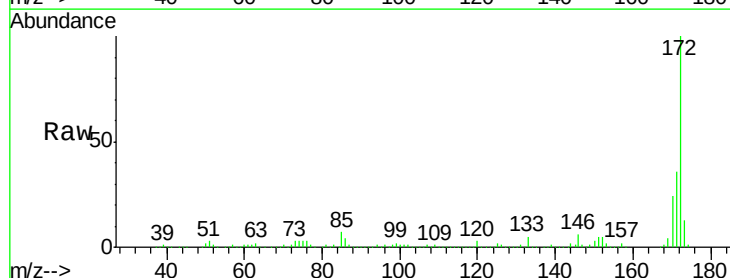
Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)

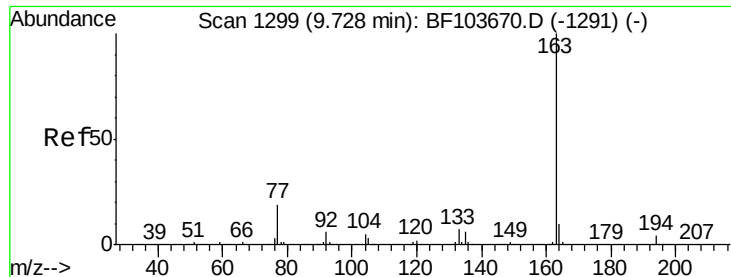
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.172 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103878.D
 Acq: 23 Mar 2018 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

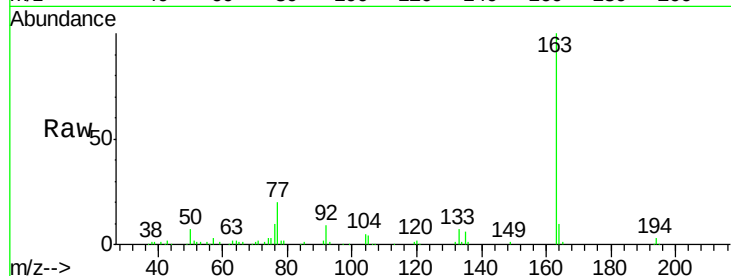




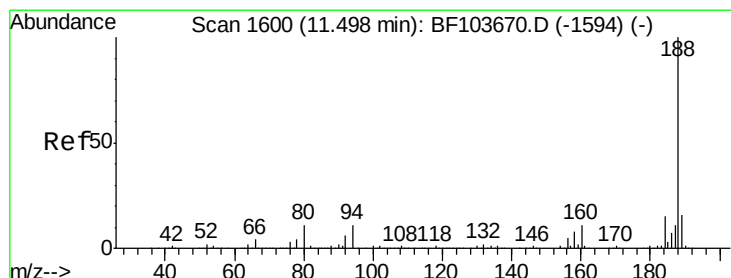
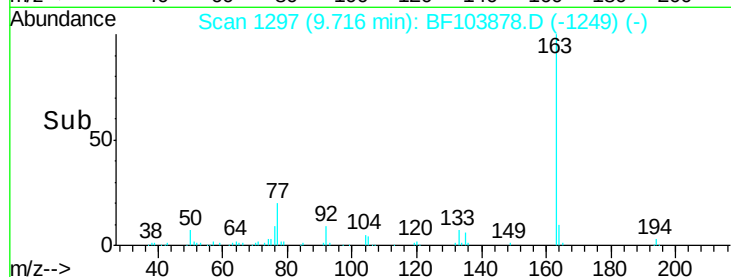
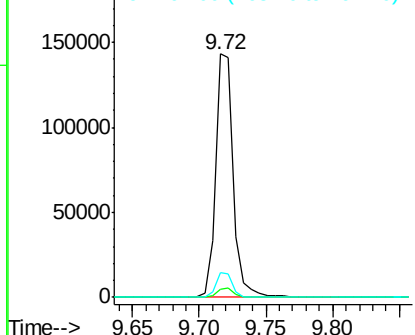
#49
Dimethylphthalate
Concen: 6.110 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103878.D
Acq: 23 Mar 2018 14:20

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)

Tot Ion:163 Resp: 132772
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

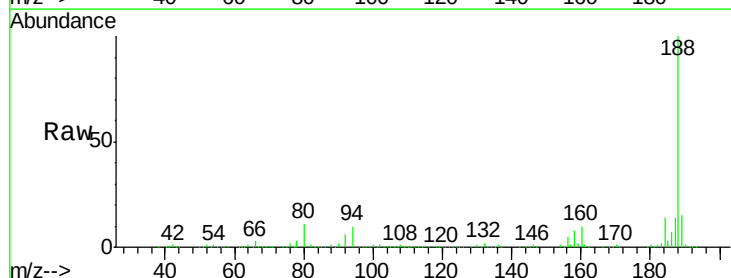


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

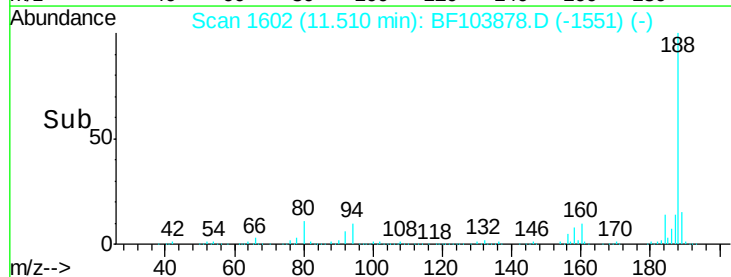
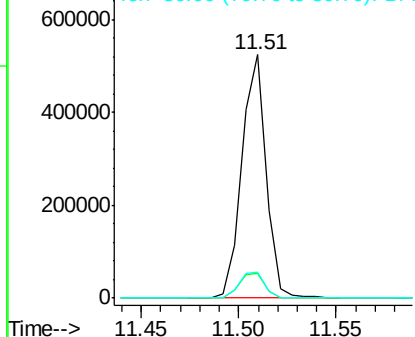


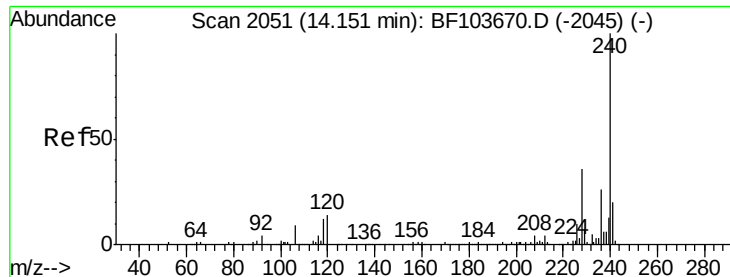
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103878.D
Acq: 23 Mar 2018 14:20

Tgt Ion:188 Resp: 450993
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.7 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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103878.D

Acq: 23 Mar 2018 14:20

Instrument :

BNA_F

ClientSampleId :

SB-109(15-16)

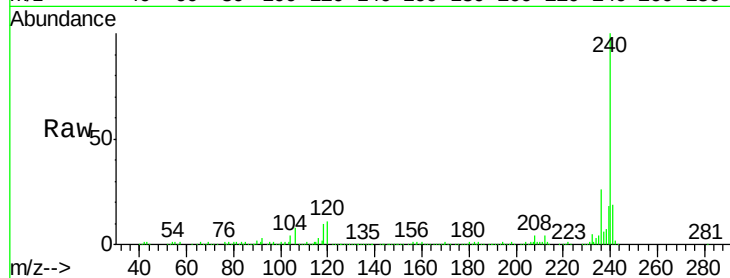
Tot Ion:240 Resp: 313630

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

236 26.1 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

14.16

400000

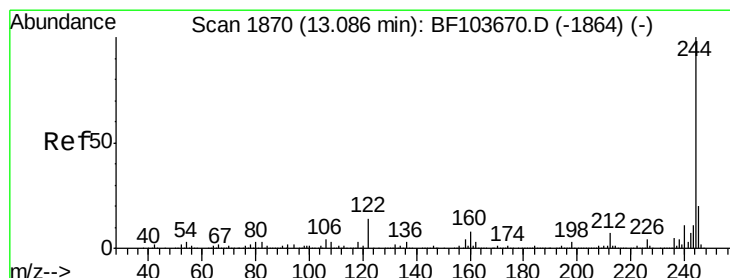
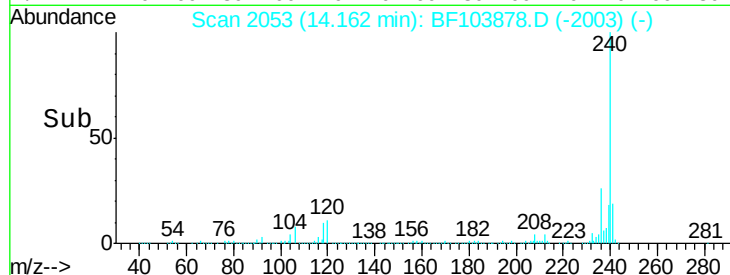
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 67.748 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103878.D

Acq: 23 Mar 2018 14:20

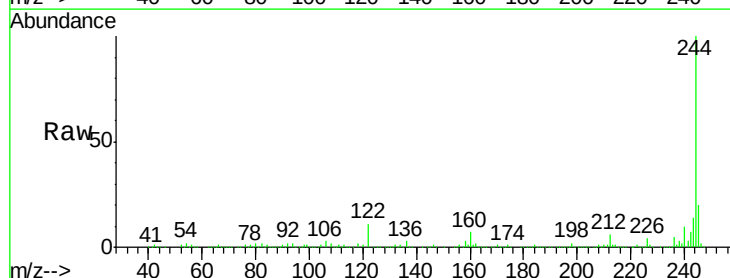
Tgt Ion:244 Resp: 915404

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 10.9 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

13.10

1200000

1000000

800000

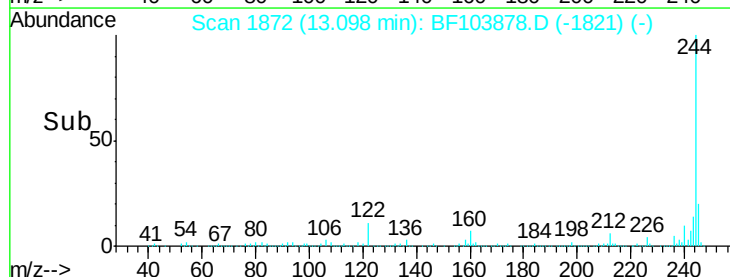
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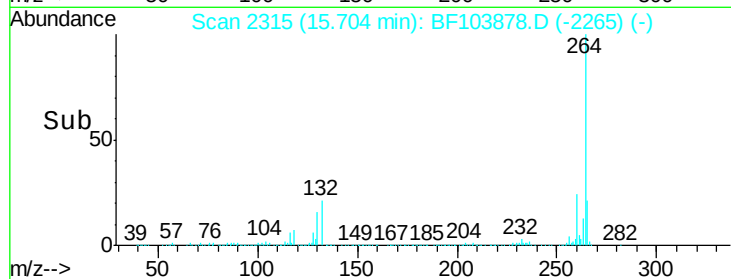
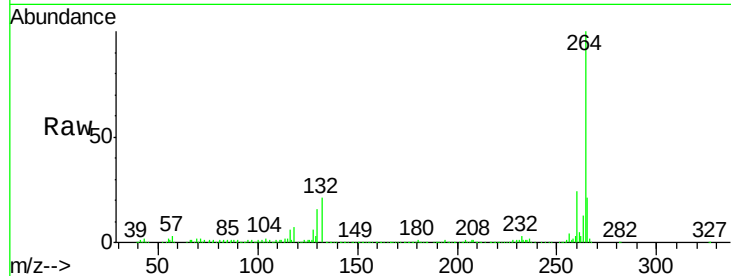
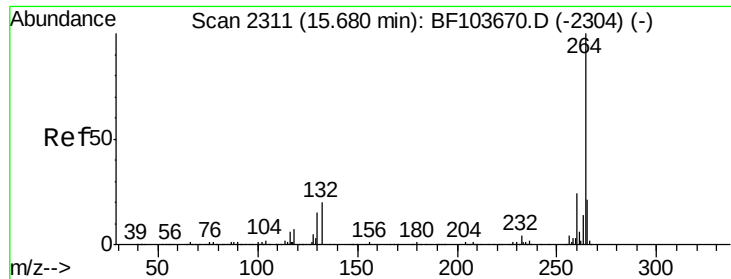
400000

200000

0

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103878.D
Acq: 23 Mar 2018 14:20

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3

