

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103872.D
 Acq On : 23 Mar 2018 11:41
 Operator : JU/SJ
 Sample : J2002-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-MH-B

Quant Time: Mar 23 14:12:23 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	147056	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	597433	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286830	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	532616	20.00	ng	0.00
75) Chrysene-d12	14.16	240	496433	20.00	ng	0.00
86) Perylene-d12	15.71	264	455645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	590494	61.07	ng	0.00
7) Phenol-d6	6.59	99	460047	38.89	ng	-0.01
23) Nitrobenzene-d5	7.54	82	918560	107.22	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	407861	165.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1592548	88.57	ng	0.00
78) Terphenyl-d14	13.10	244	1727352	80.76	ng	0.00

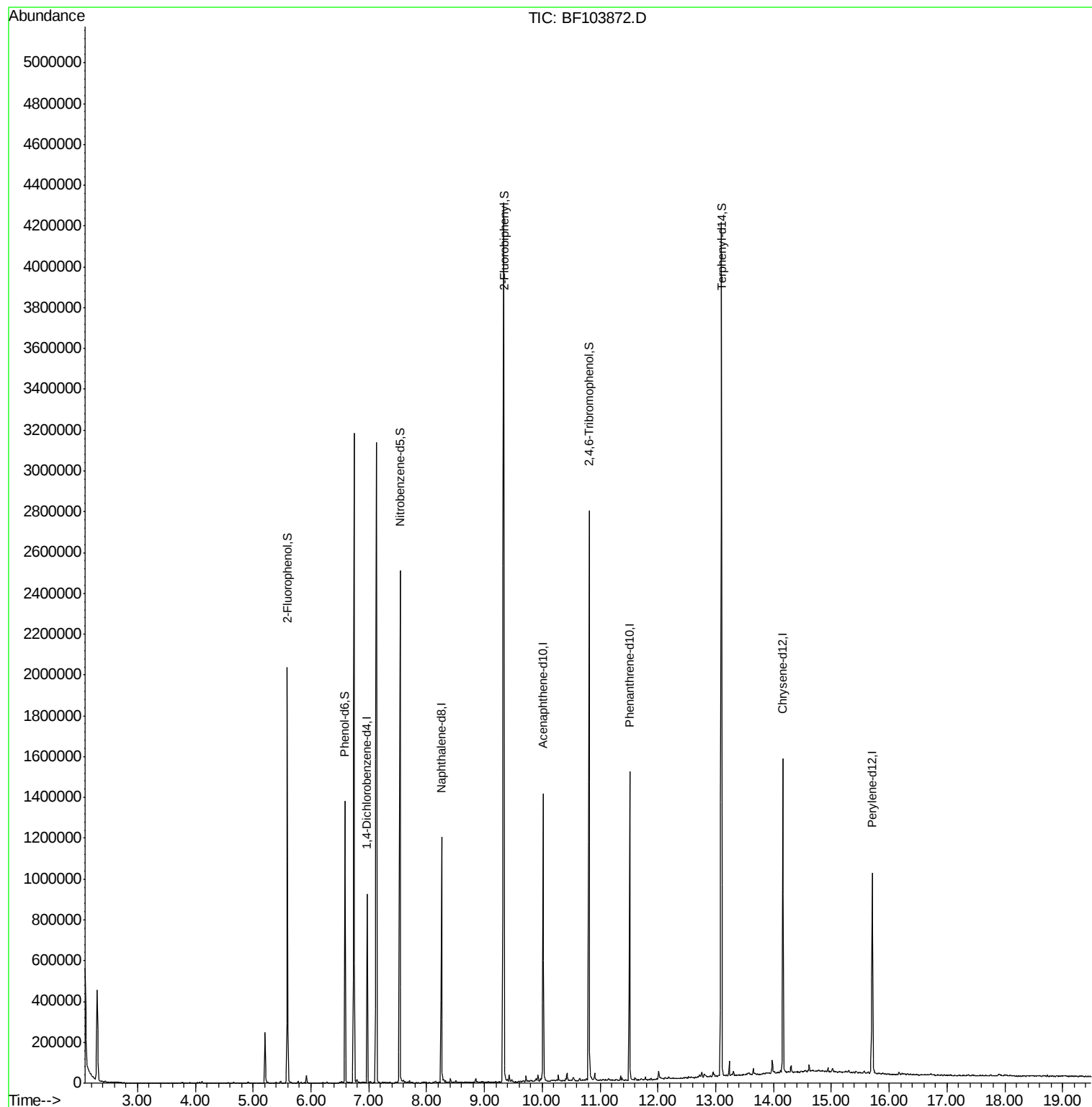
Target Compounds Qvalue

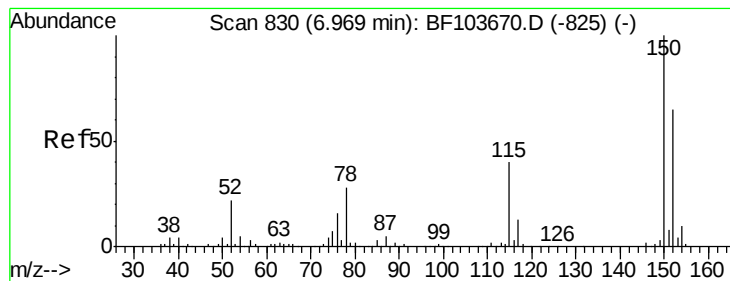
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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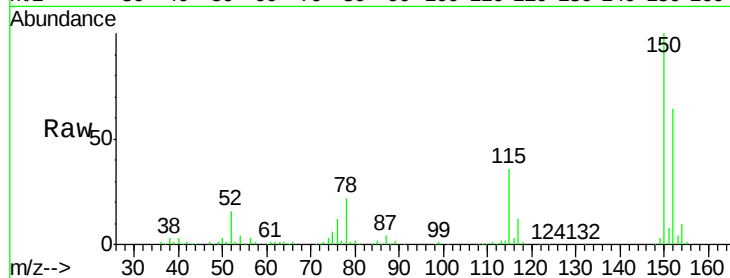


#1

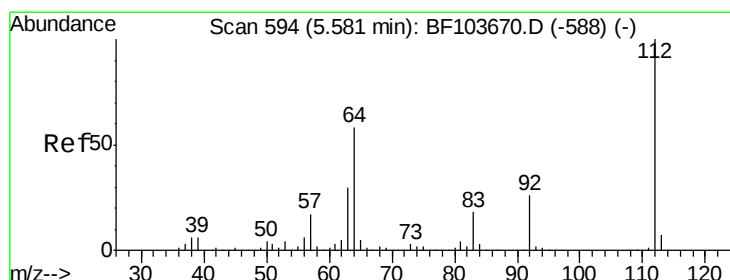
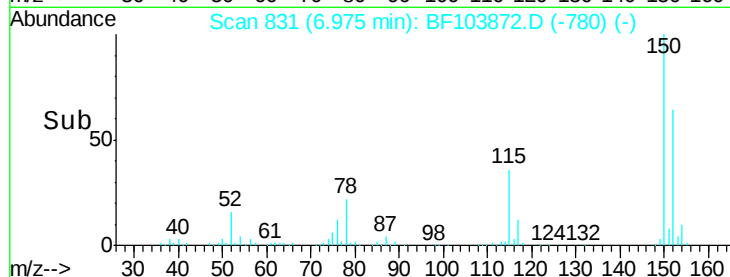
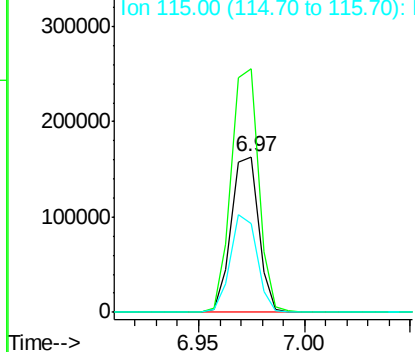
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-MH-B

Tot Ion:152 Resp: 147056
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 56.9 50.1 75.1



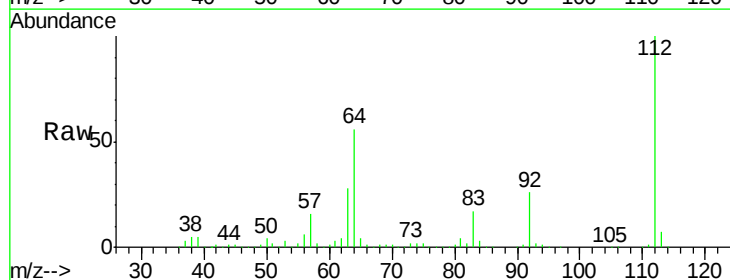
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



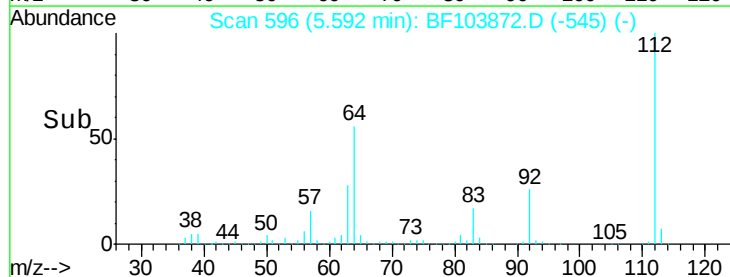
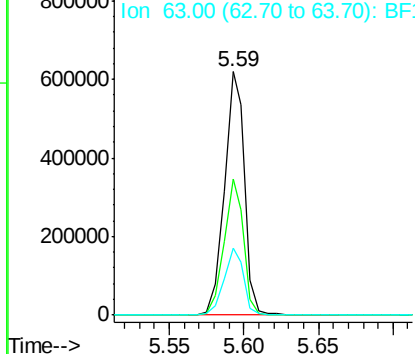
#5

2-Fluorophenol
 Concen: 61.075 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Tgt Ion:112 Resp: 590494
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 27.8 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: 38.893 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Instrument :

BNA_F

ClientSampleId :

TP-4-MH-B

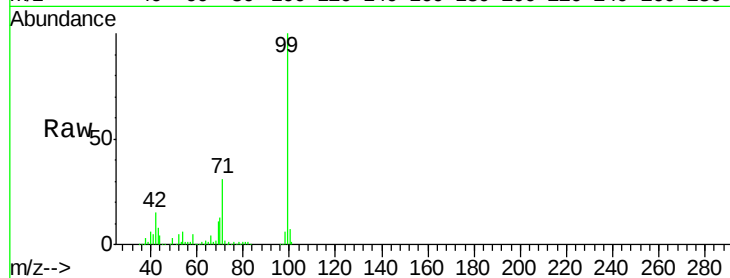
Tot Ion: 99 Resp: 460047

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

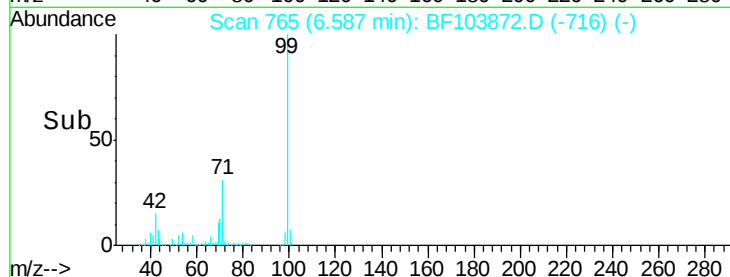
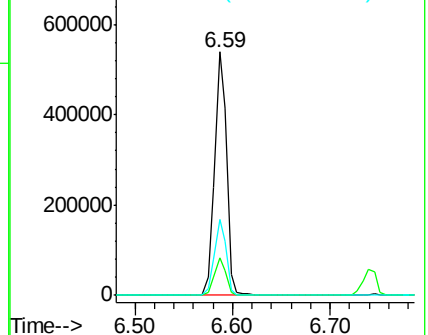
71 31.3 25.4 38.0



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: BF103872.D

Acq: 23 Mar 2018 11:41

Tgt Ion: 136 Resp: 597433

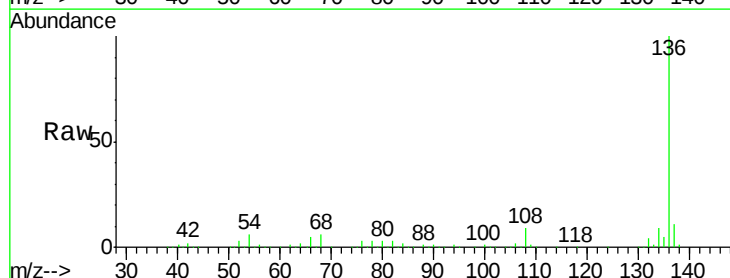
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 5.0 7.4

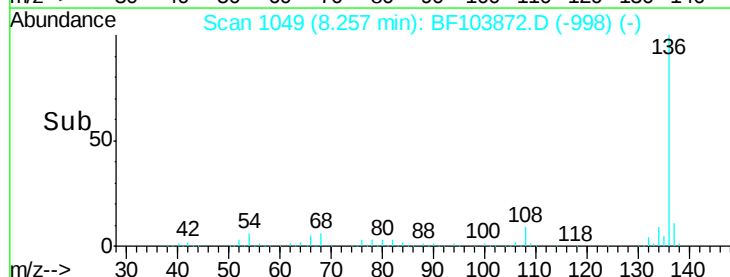
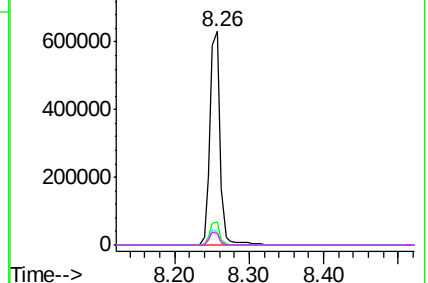


Abundance Ion 136.00 (135.70 to 136.70): E

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

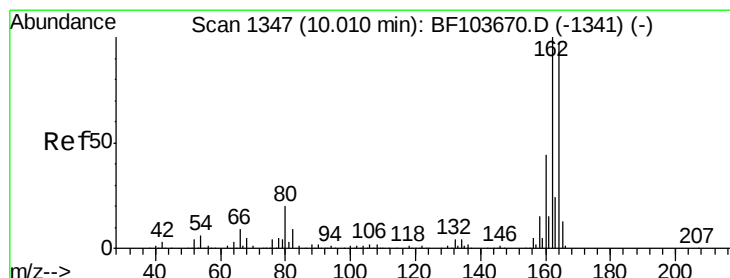
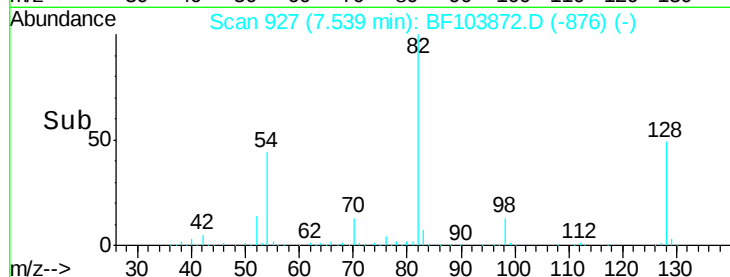
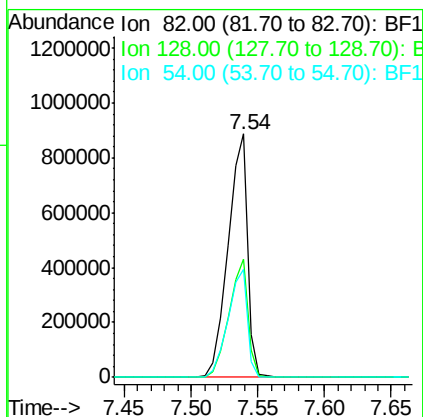
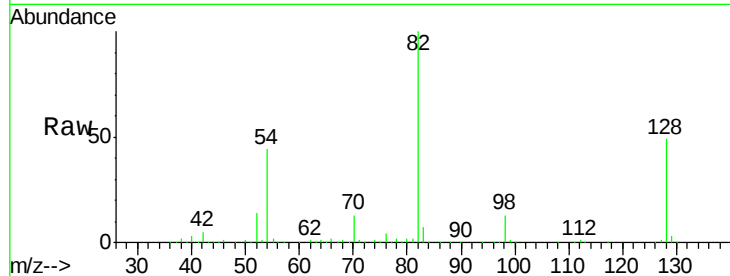




#23
 Nitrobenzene-d5
 Concen: 107.220 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

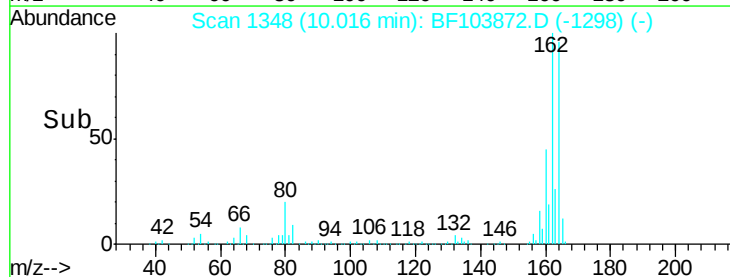
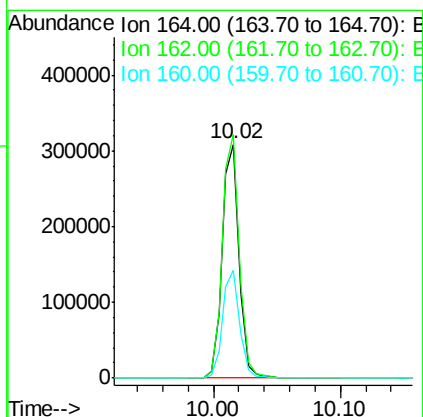
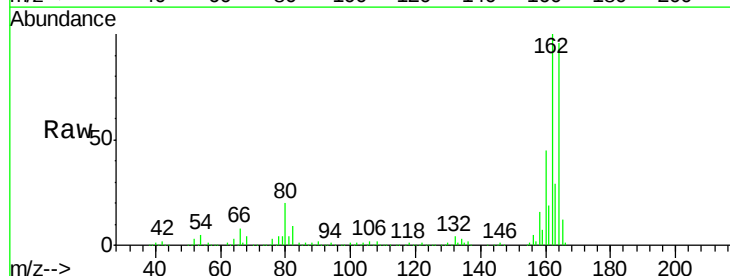
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-MH-B

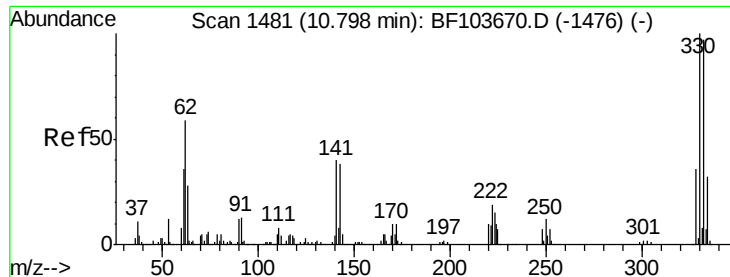
Tot Ion	82	Resp	918560
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	44.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Tgt Ion	164	Resp	286830
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 165.382 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Instrument :

BNA_F

ClientSampleId :

TP-4-MH-B

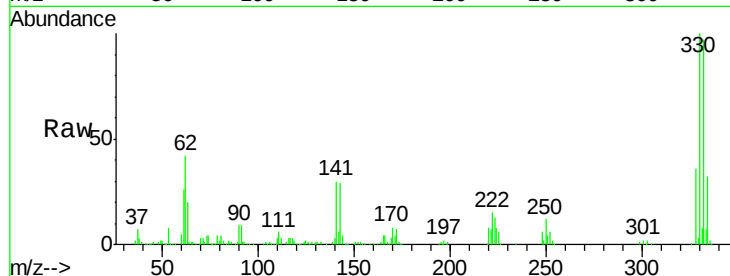
Tot Ion:330 Resp: 407861

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

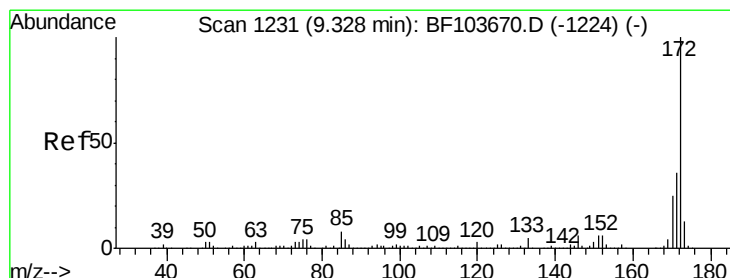
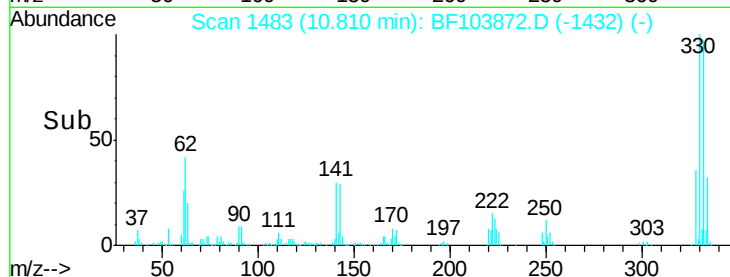
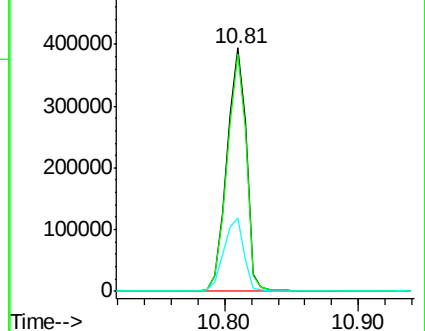
141 31.3 29.9 44.9



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: 88.566 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

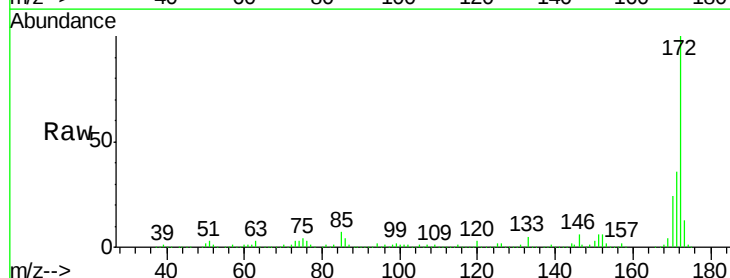
Tgt Ion:172 Resp: 1592548

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

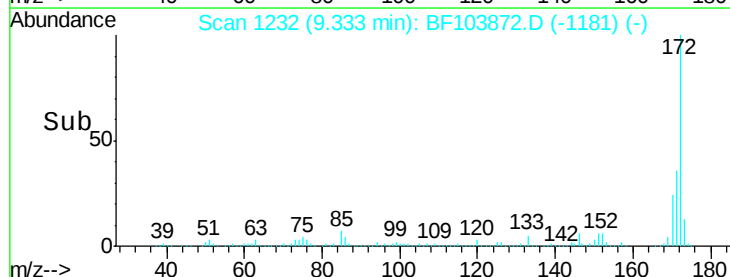
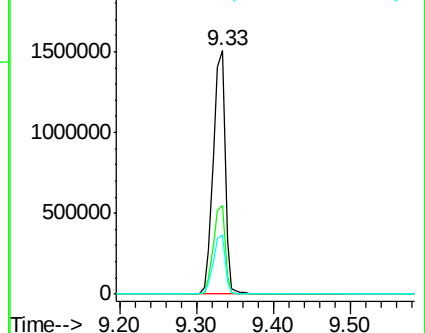
170 24.2 19.6 29.4

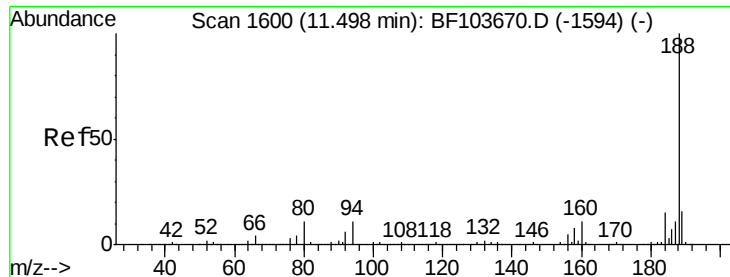


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Instrument :

BNA_F

ClientSampleId :

TP-4-MH-B

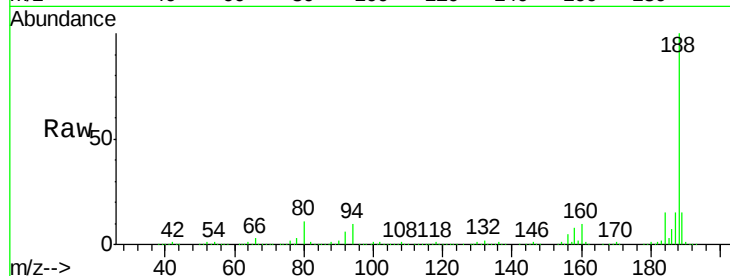
Tot Ion:188 Resp: 532616

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

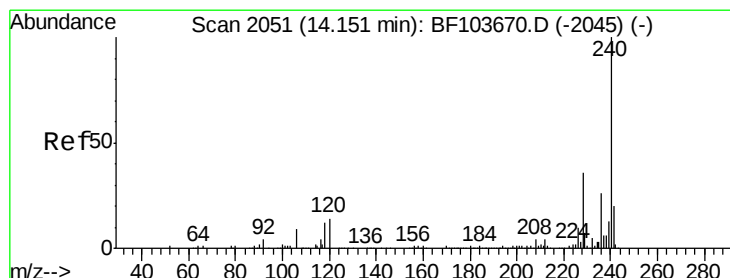
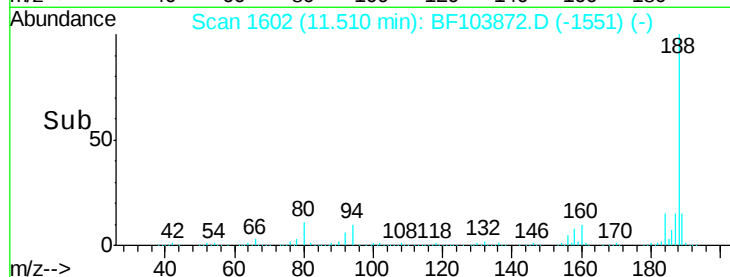
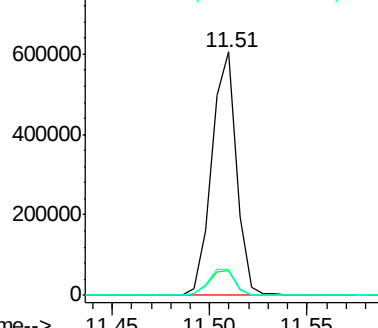
80 10.7 9.2 13.8



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: BF103872.D

Acq: 23 Mar 2018 11:41

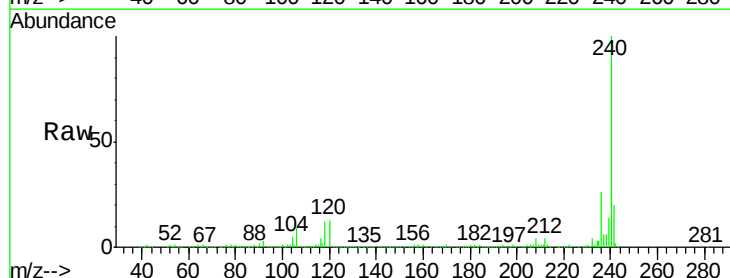
Tgt Ion:240 Resp: 496433

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

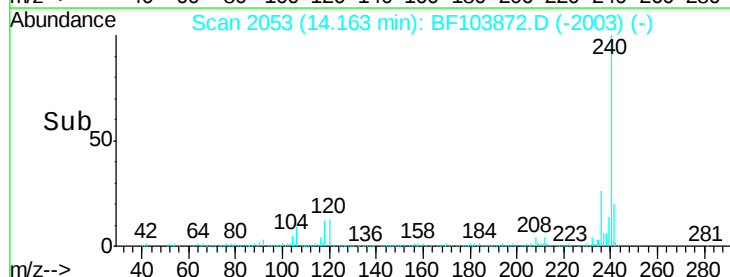
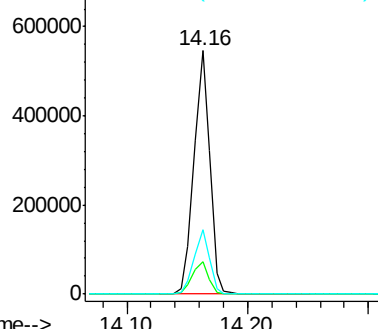
236 26.3 20.7 31.1

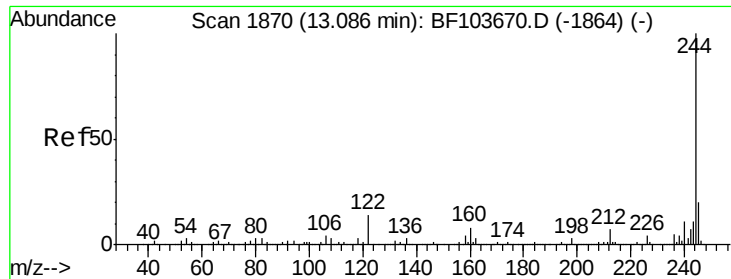


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

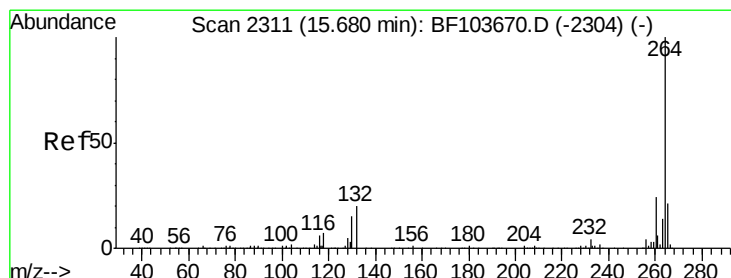
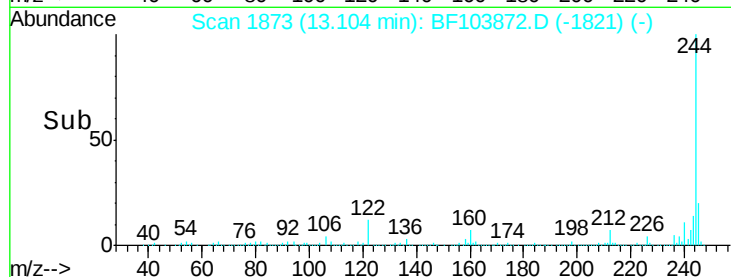
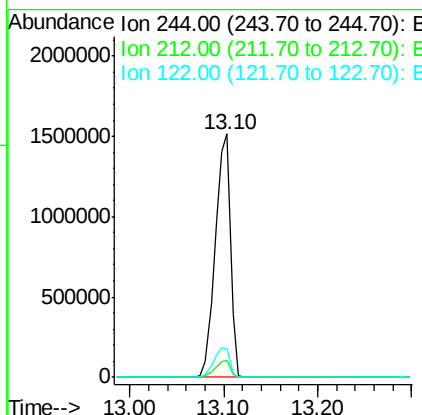
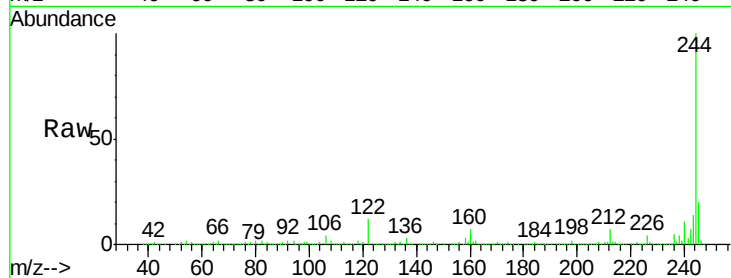




#78
 Terphenyl-d14
 Concen: 80.765 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-MH-B

Tot Ion:244 Resp: 1727352
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Tgt Ion:264 Resp: 455645
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.4 17.5 26.3

