

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104878.D
 Acq On : 27 Apr 2018 12:19
 Operator : JU/SJ
 Sample : PB108604TB
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108604TB

Quant Time: Apr 27 14:24:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97168	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	381487	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	149663	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	228658	20.00	ng	0.00
75) Chrysene-d12	13.97	240	202504	20.00	ng	-0.01
86) Perylene-d12	15.44	264	140060	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	708345	111.47	ng	0.00
7) Phenol-d6	6.44	99	855937	109.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	518220	88.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	156570	100.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	901819	95.19	ng	0.00
78) Terphenyl-d14	12.92	244	716168	80.63	ng	0.00

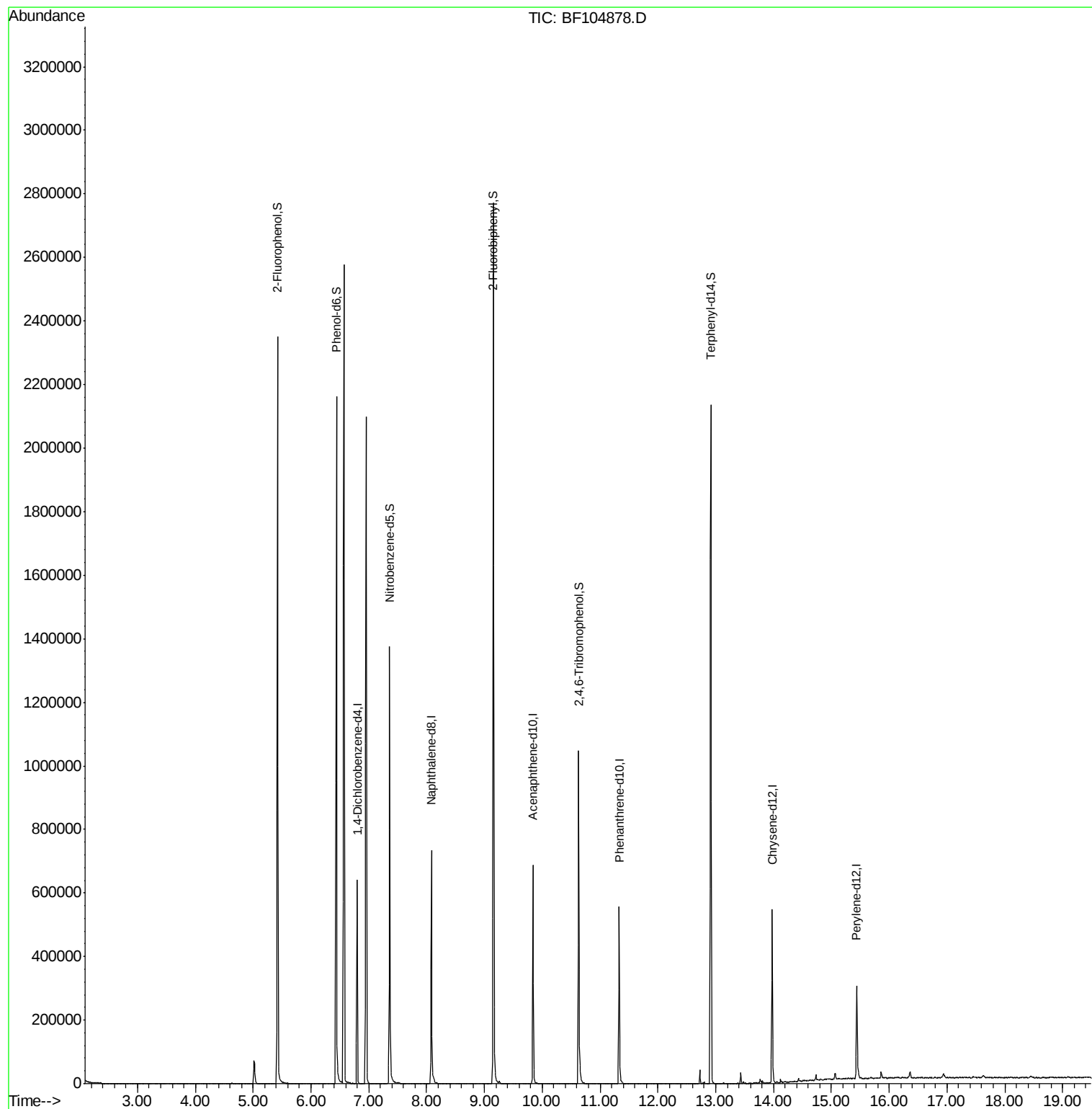
Target Compounds Qvalue

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

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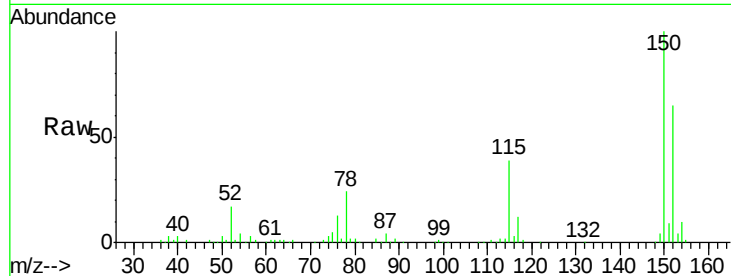


#1

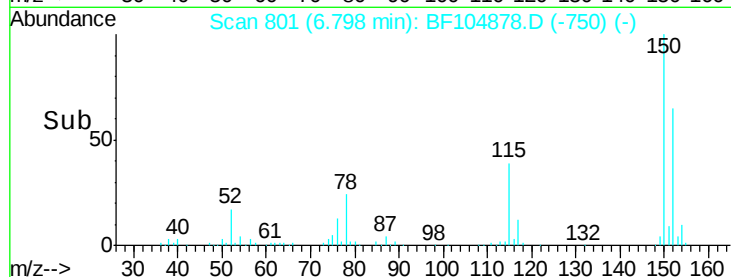
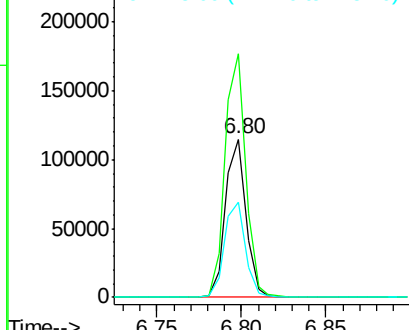
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104878.D
 Acq: 27 Apr 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB108604TB

Tot Ion:152 Resp: 97168
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 60.4 50.1 75.1



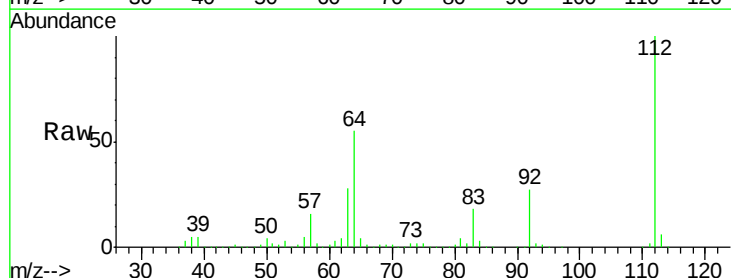
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



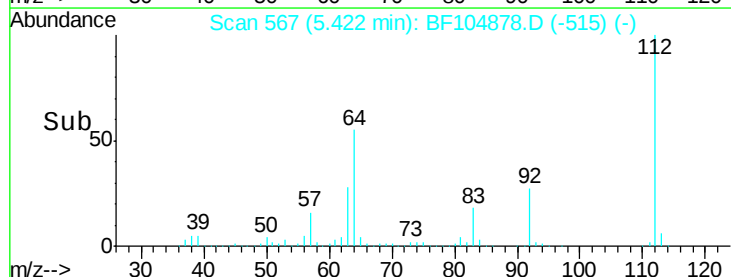
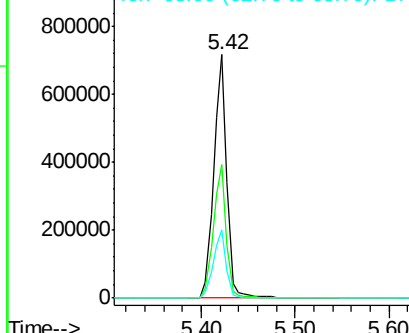
#5

2-Fluorophenol
 Concen: 111.467 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104878.D
 Acq: 27 Apr 2018 12:19

Tgt Ion:112 Resp: 708345
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 27.9 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: 109.624 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104878.D

Acq: 27 Apr 2018 12:19

Instrument :

BNA_F

ClientSampleId :

PB108604TB

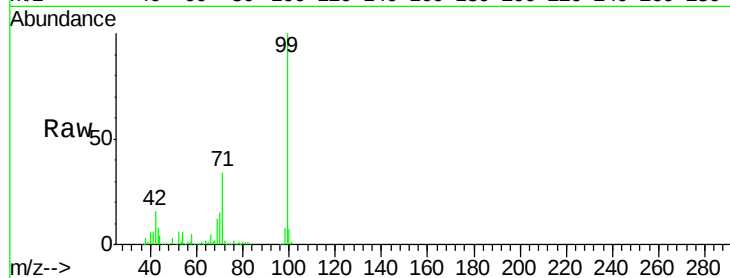
Tot Ion: 99 Resp: 855937

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

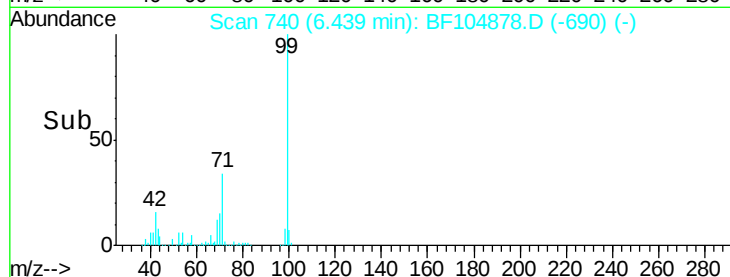
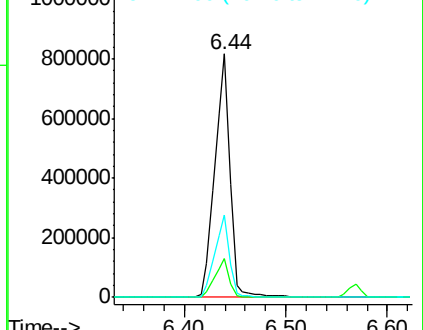
71 33.6 25.4 38.0



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104878.D

Acq: 27 Apr 2018 12:19

Tgt Ion: 136 Resp: 381487

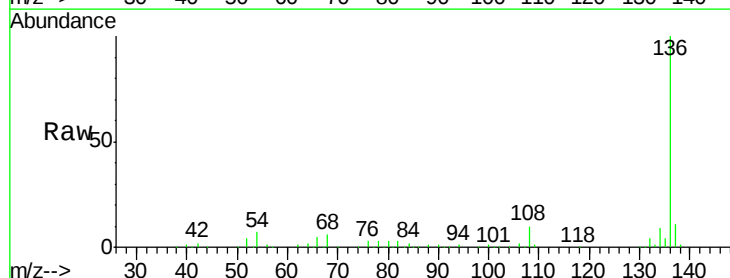
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 6.6 9.8

68 5.9 5.0 7.4

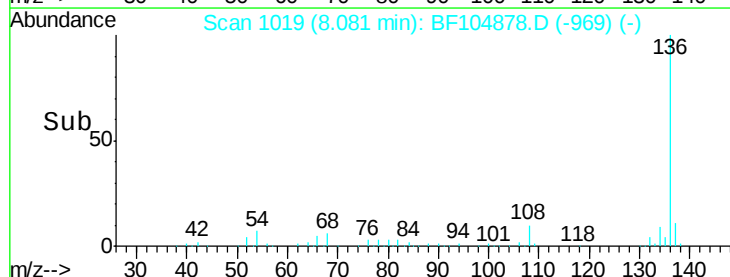
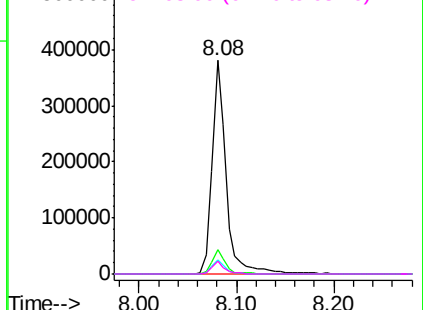


Abundance Ion 136.00 (135.70 to 136.70): E

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

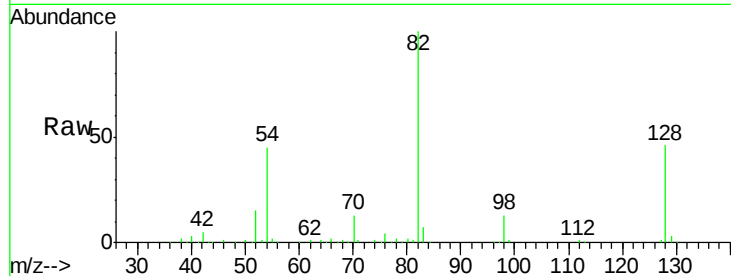




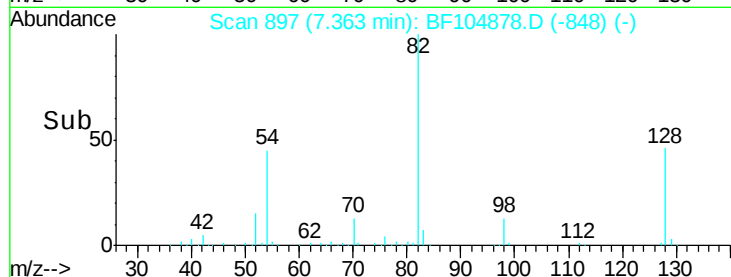
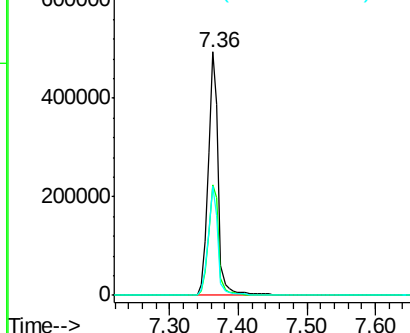
#23
Nitrobenzene-d5
Concen: 88.702 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104878.D
Acq: 27 Apr 2018 12:19

Instrument :
BNA_F
ClientSampleId :
PB108604TB

Tot Ion: 82 Resp: 518220
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 44.8 41.4 62.2

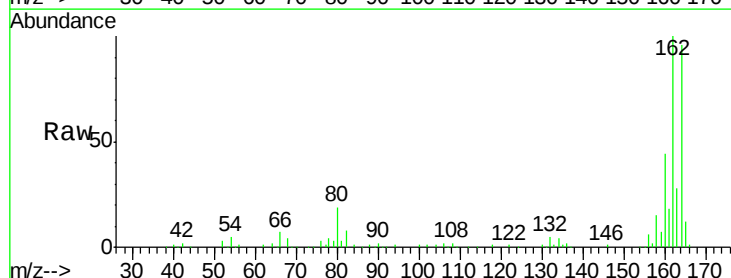


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

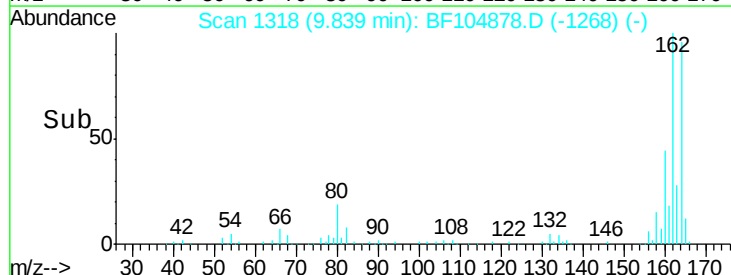
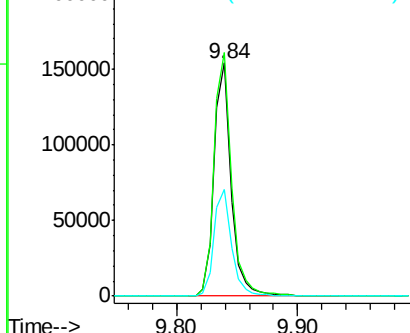


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104878.D
Acq: 27 Apr 2018 12:19

Tgt Ion:164 Resp: 149663
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.9 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

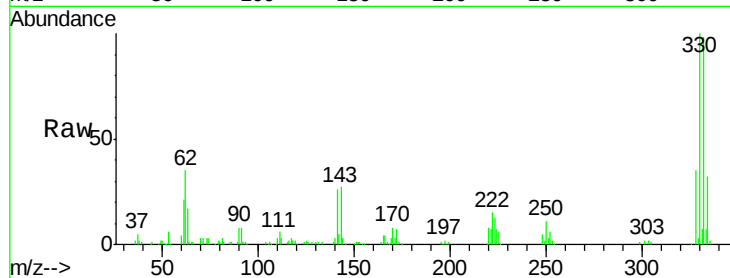




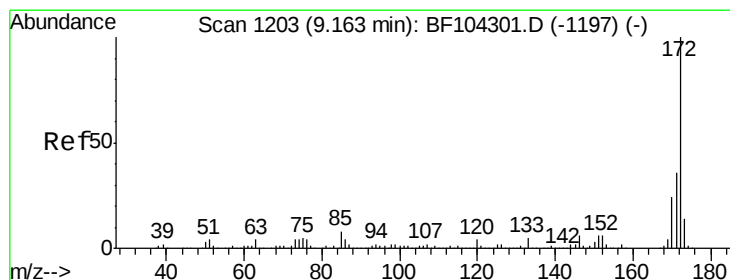
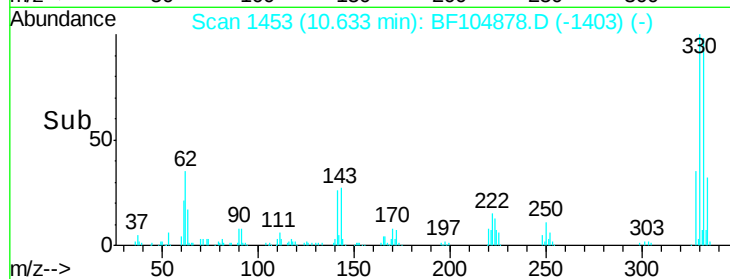
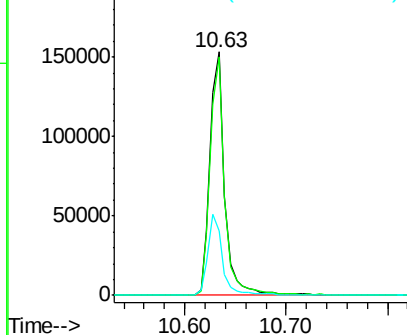
#41
 2,4,6-Tribromophenol
 Concen: 100.851 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104878.D
 Acq: 27 Apr 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB108604TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.5	29.9	44.9

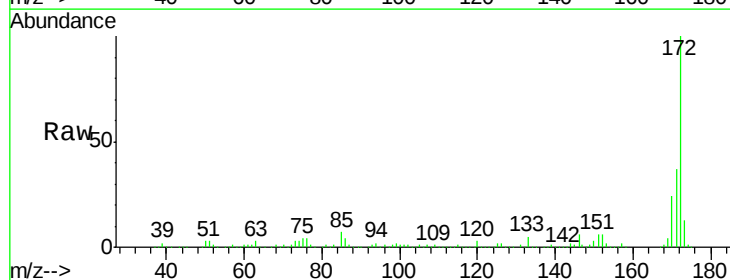


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

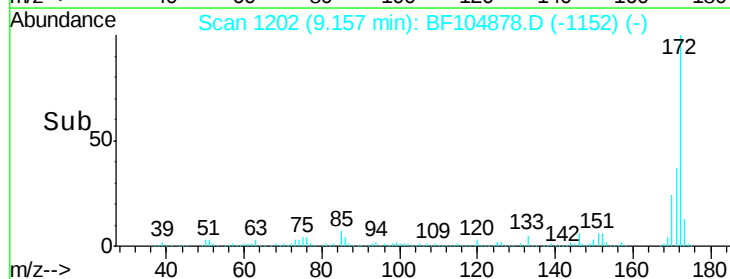
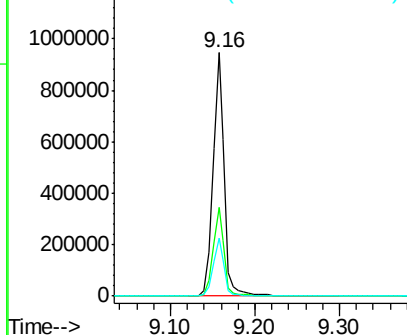


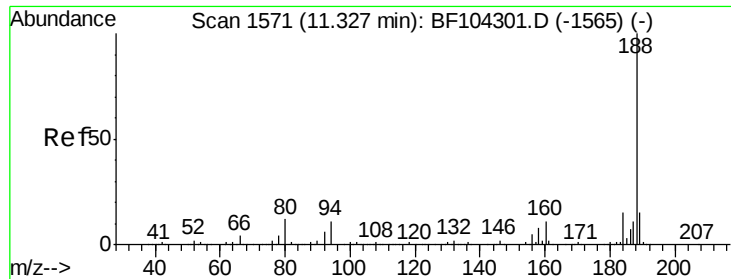
#44
 2-Fluorobiphenyl
 Concen: 95.191 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104878.D
 Acq: 27 Apr 2018 12:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	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

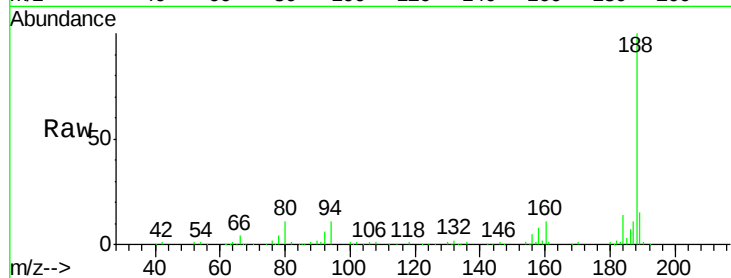




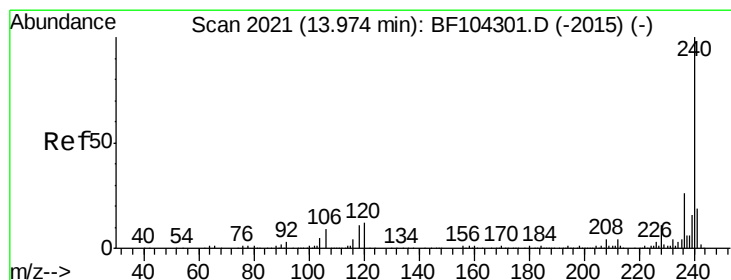
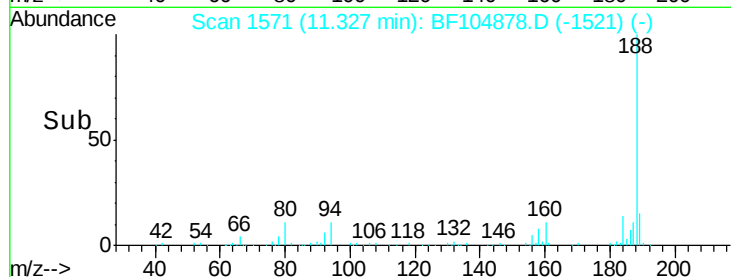
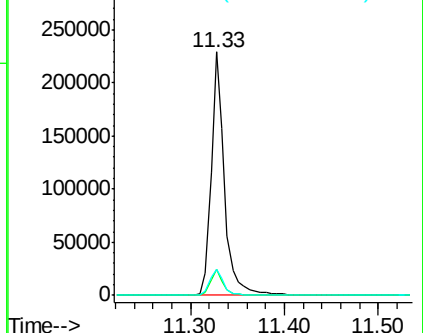
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104878.D
Acq: 27 Apr 2018 12:19

Instrument :
BNA_F
ClientSampleId :
PB108604TB

Tot Ion:188 Resp: 228658
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 10.6 9.2 13.8

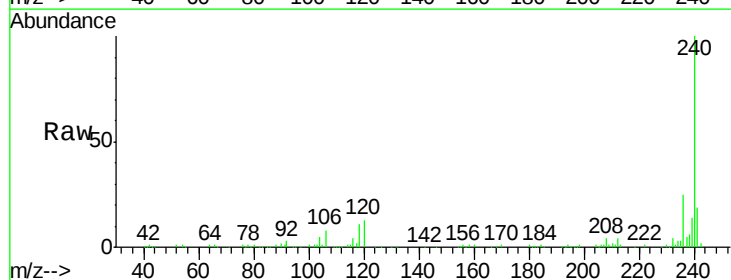


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

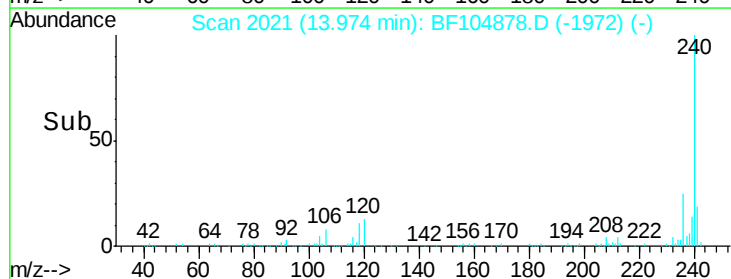
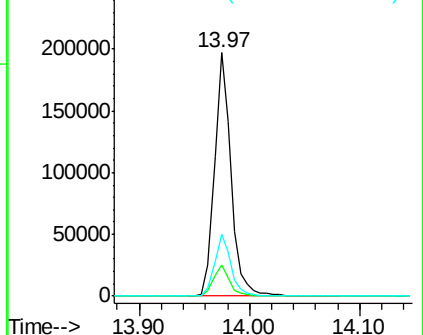


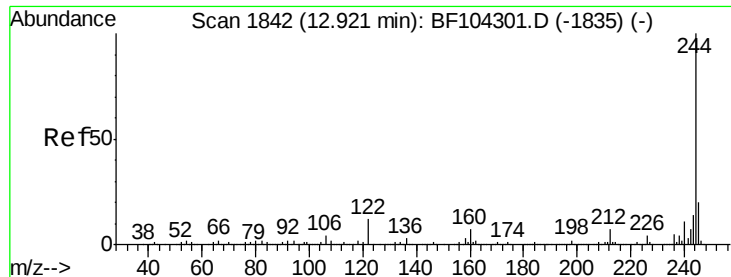
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104878.D
Acq: 27 Apr 2018 12:19

Tgt Ion:240 Resp: 202504
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 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

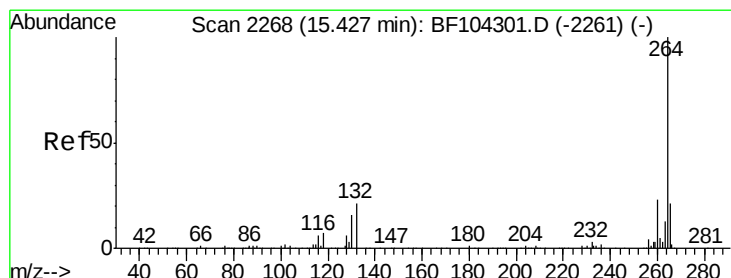
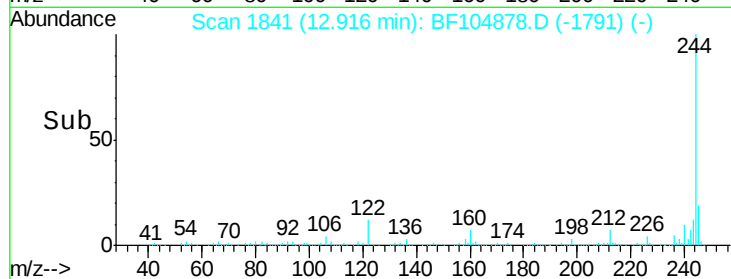
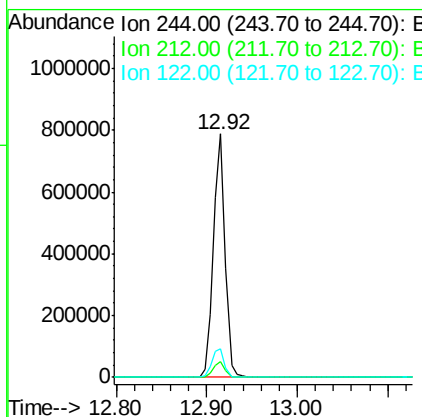
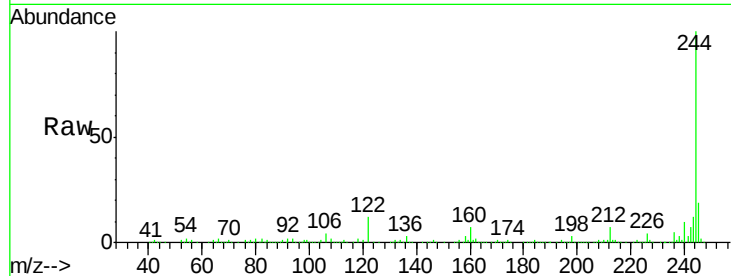




#78
 Terphenyl-d14
 Concen: 80.628 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104878.D
 Acq: 27 Apr 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB108604TB

Tot Ion:244 Resp: 716168
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF104878.D
 Acq: 27 Apr 2018 12:19

Tgt Ion:264 Resp: 140060
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.1 17.5 26.3

