

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104670.D
 Acq On : 20 Apr 2018 13:28
 Operator : JU/SJ
 Sample : J2260-05 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5-AT-OUT-FALL-0-6

Quant Time: Apr 20 15:04:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111478	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	475805	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	213581	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	364094	20.00	ng	0.00
75) Chrysene-d12	13.97	240	285063	20.00	ng	0.00
86) Perylene-d12	15.44	264	243939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	58029	7.96	ng	0.00
7) Phenol-d6	6.43	99	73804	8.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	41134	5.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	15893	7.17	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	79420	5.87	ng	0.00
78) Terphenyl-d14	12.92	244	81489	6.52	ng	0.00

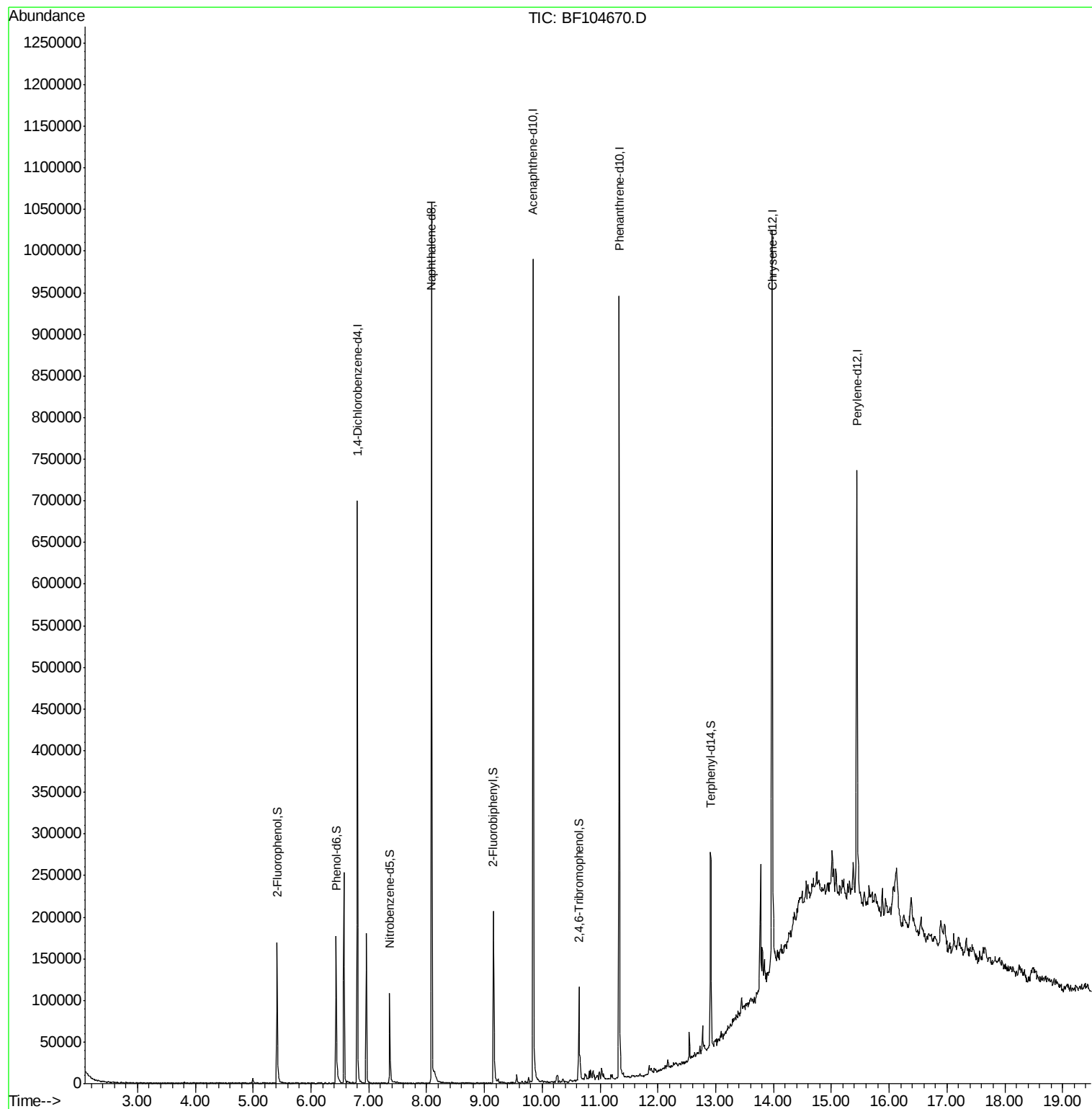
Target Compounds	Qvalue
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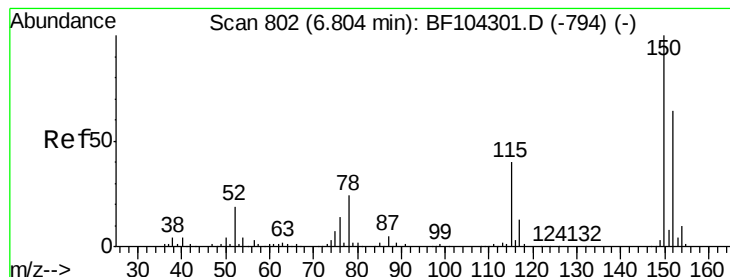
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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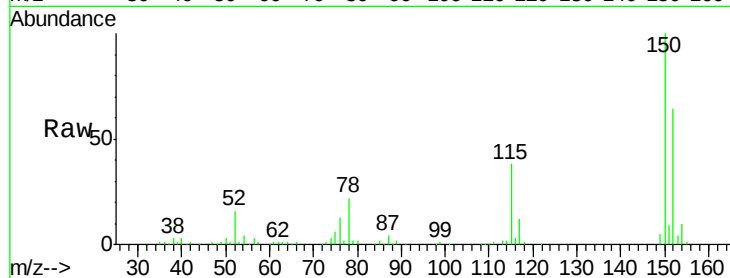


#1

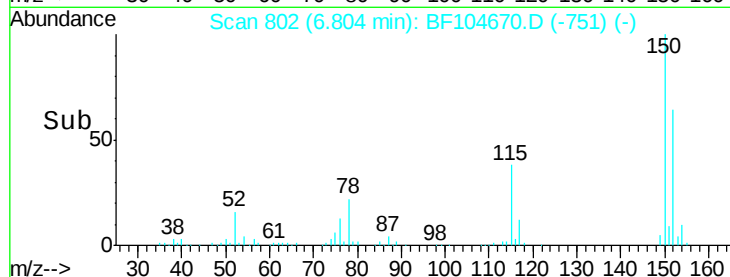
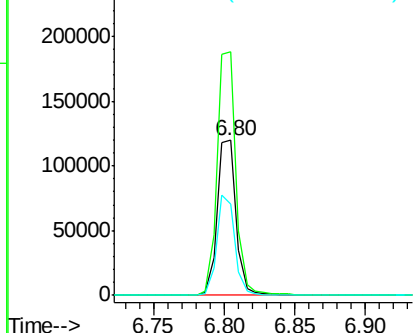
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion:152 Resp: 111478
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 59.2 50.1 75.1



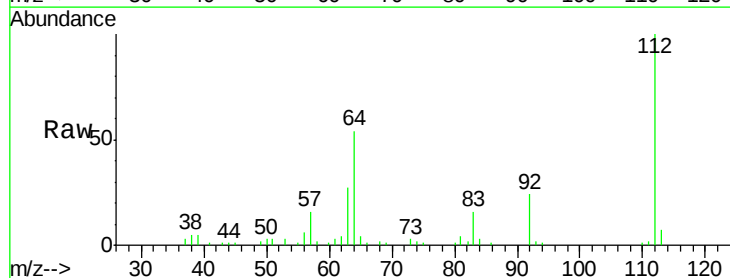
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



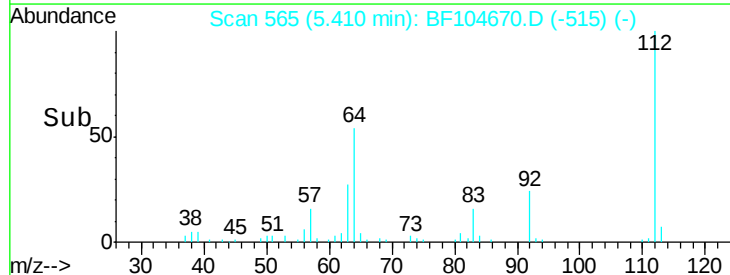
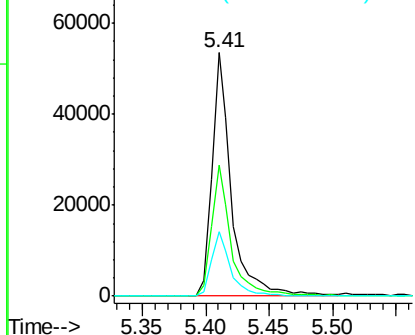
#5

2-Fluorophenol
Concen: 7.959 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

Tgt Ion:112 Resp: 58029
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.6 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: 8.239 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104670.D

Acq: 20 Apr 2018 13:28

Instrument :

BNA_F

ClientSampleId :

S-5-AT-OUT-FALL-0-6

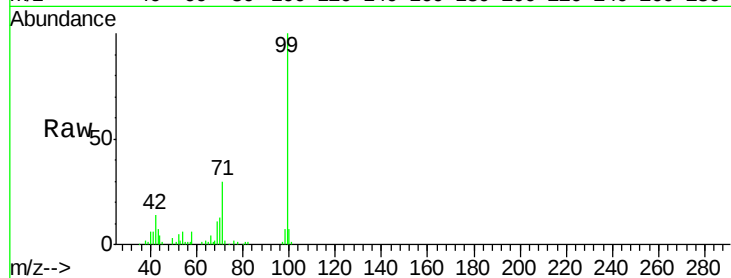
Tot Ion: 99 Resp: 73804

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

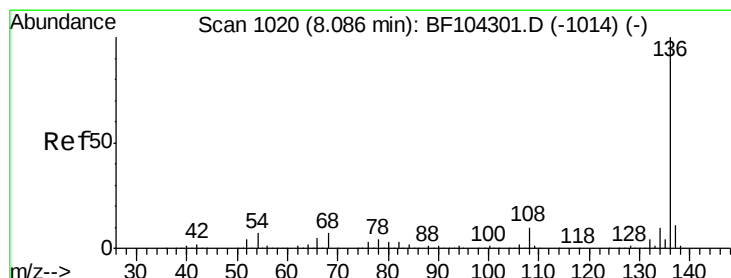
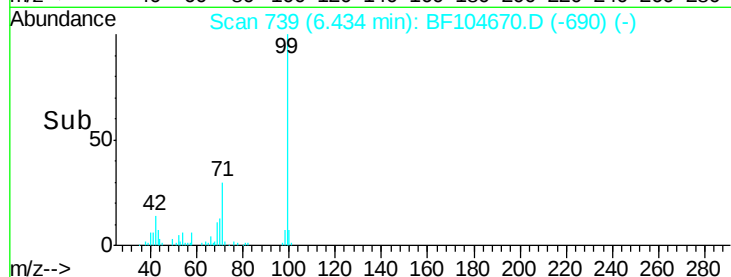
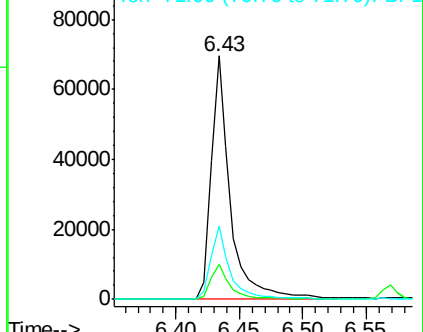
71 30.4 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104670.D

Acq: 20 Apr 2018 13:28

Tgt Ion: 136 Resp: 475805

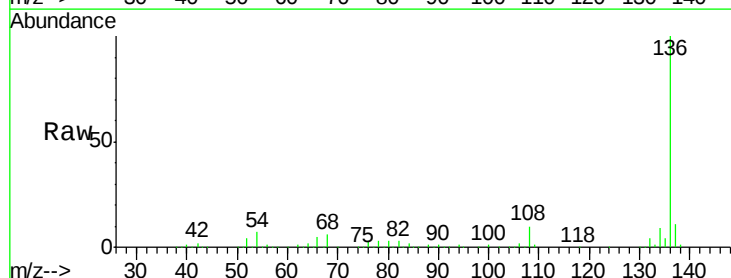
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

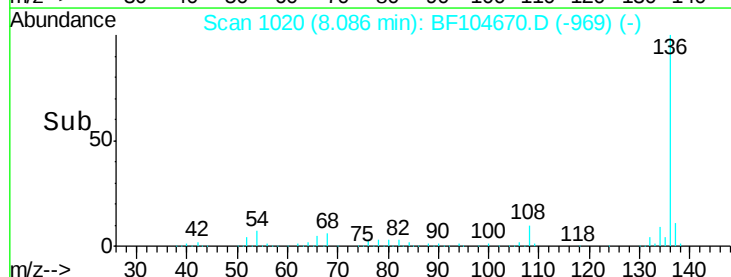
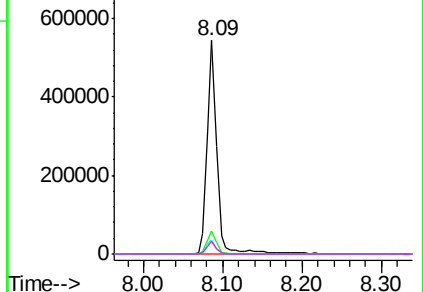


Abundance Ion 136.00 (135.70 to 136.70): E

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

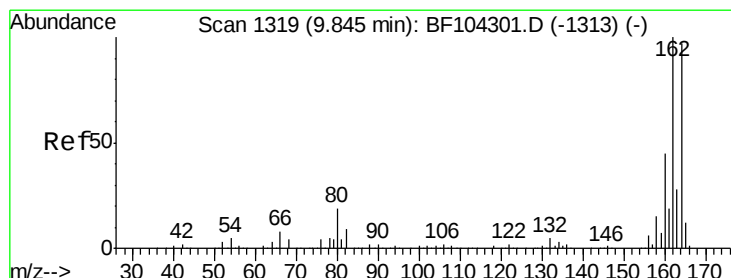
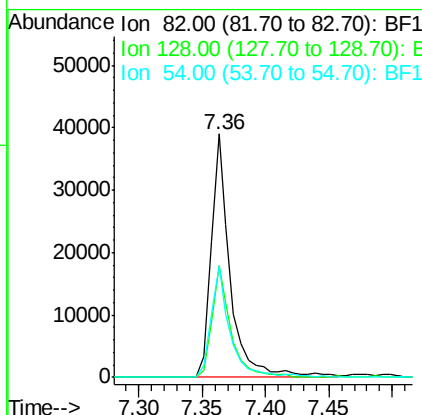
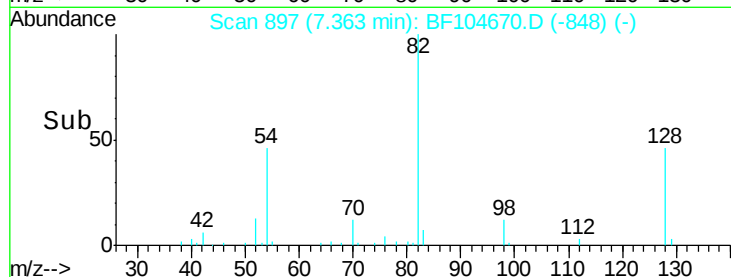
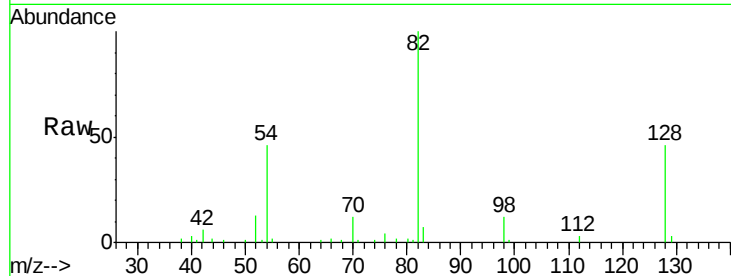




#23
Nitrobenzene-d5
Concen: 5.645 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

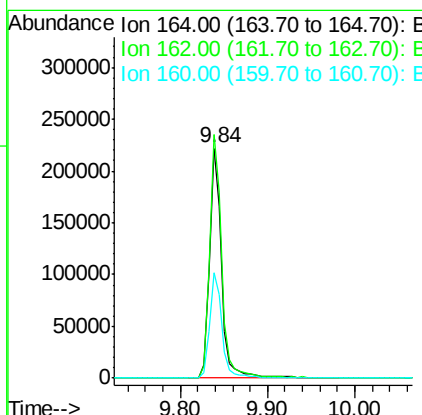
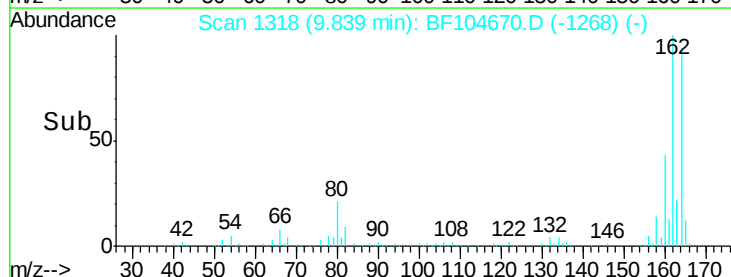
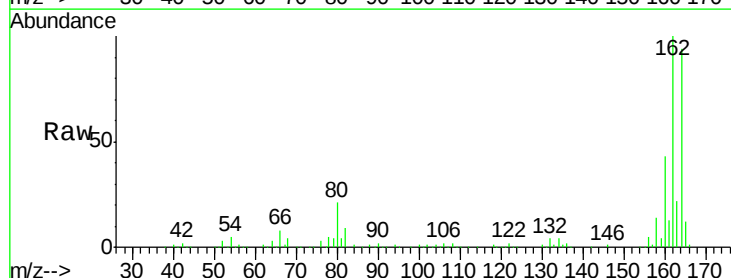
Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion: 82 Resp: 41134
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 45.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

Tgt Ion:164 Resp: 213581
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 45.9 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 7.173 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104670.D

Acq: 20 Apr 2018 13:28

Instrument :

BNA_F

ClientSampleId :

S-5-AT-OUT-FALL-0-6

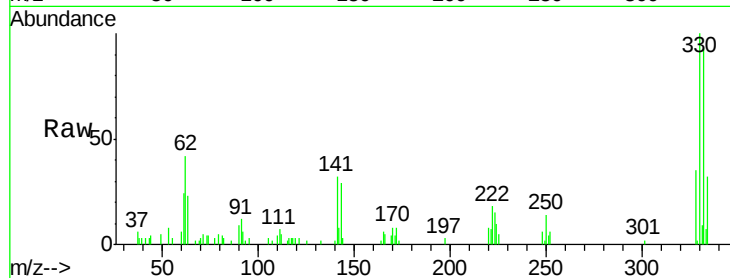
Tot Ion:330 Resp: 15893

Ion Ratio Lower Upper

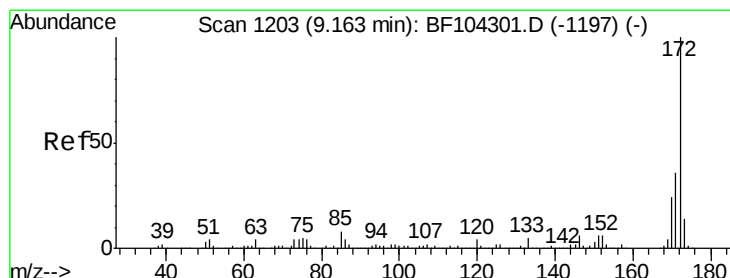
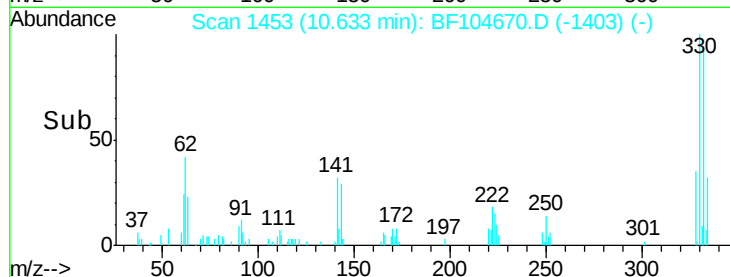
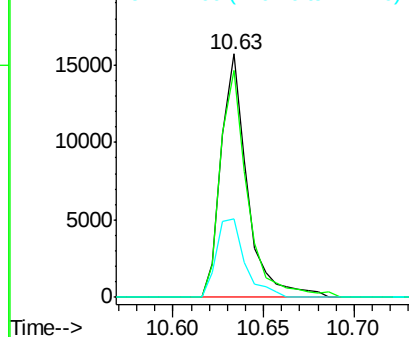
330 100

332 96.2 77.0 115.6

141 34.9 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: 5.874 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104670.D

Acq: 20 Apr 2018 13:28

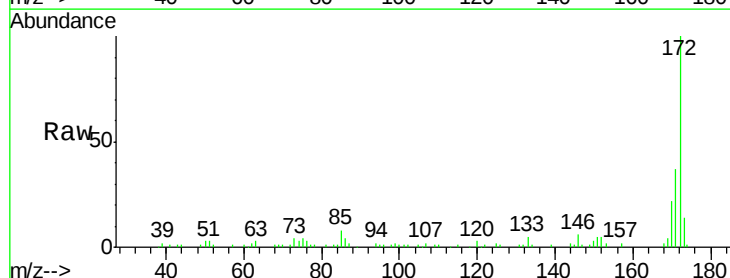
Tgt Ion:172 Resp: 79420

Ion Ratio Lower Upper

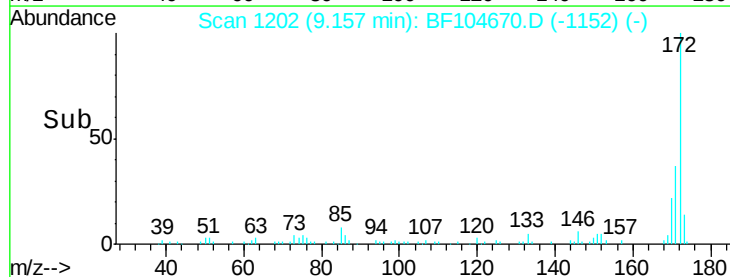
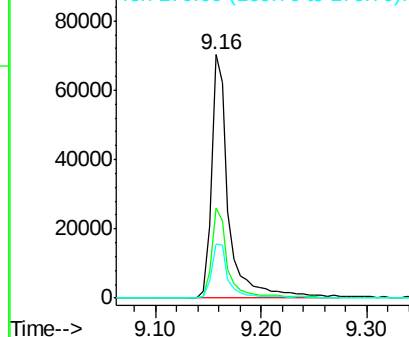
172 100

171 37.2 29.7 44.5

170 22.4 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

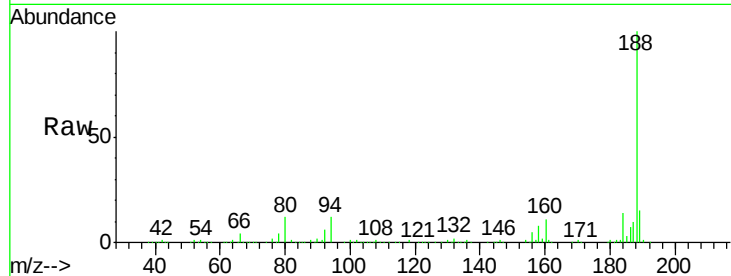




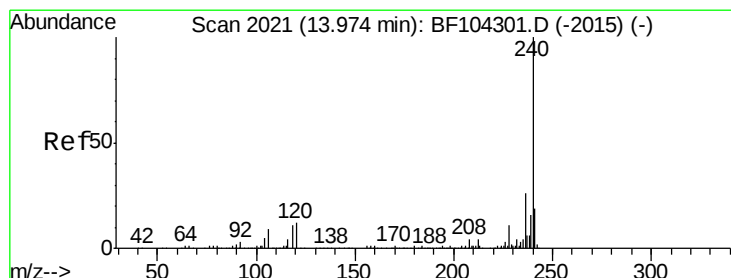
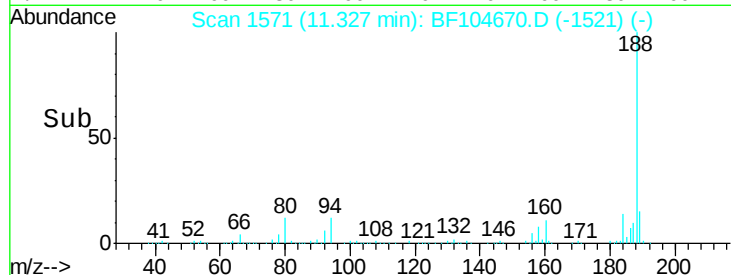
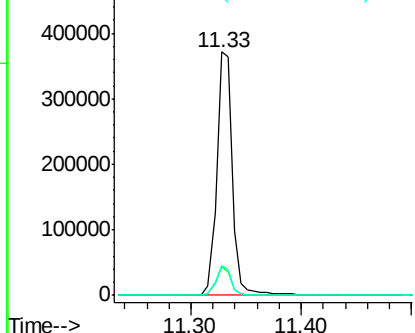
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion:188 Resp: 364094
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.4 9.2 13.8

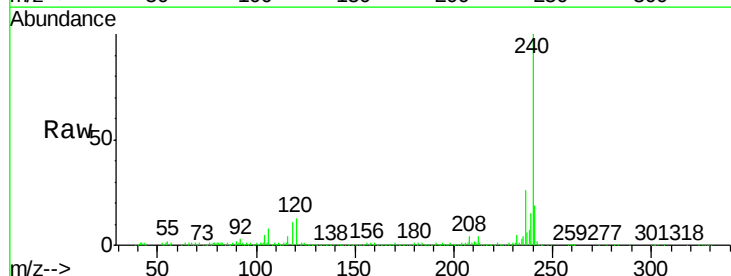


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

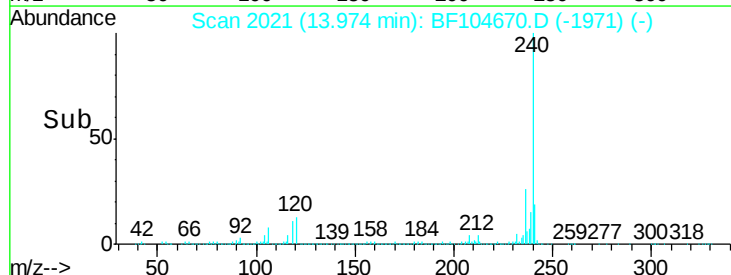
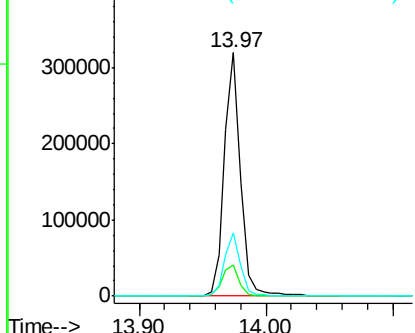


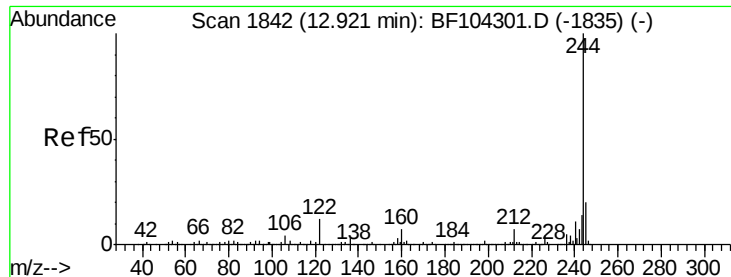
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

Tgt Ion:240 Resp: 285063
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.8 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: 6.517 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104670.D

Acq: 20 Apr 2018 13:28

Instrument :

BNA_F

ClientSampleId :

S-5-AT-OUT-FALL-0-6

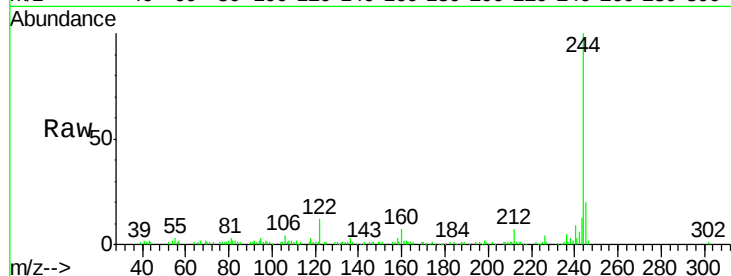
Tot Ion:244 Resp: 81489

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

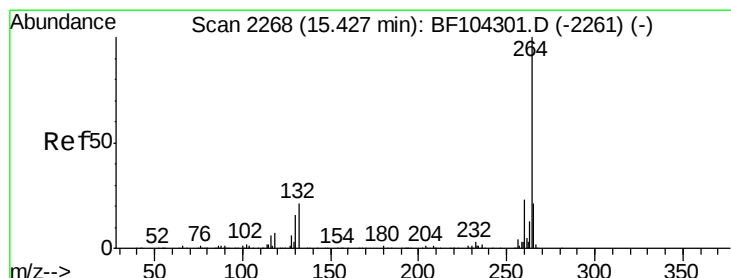
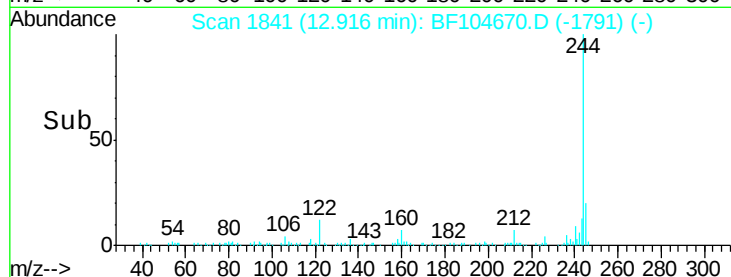
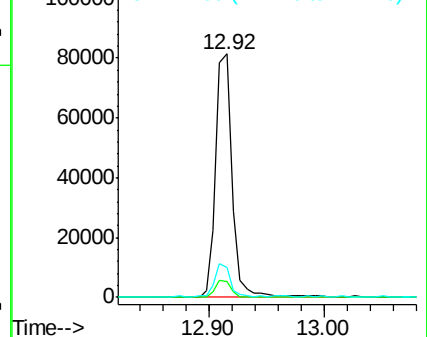
122 12.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF104670.D

Acq: 20 Apr 2018 13:28

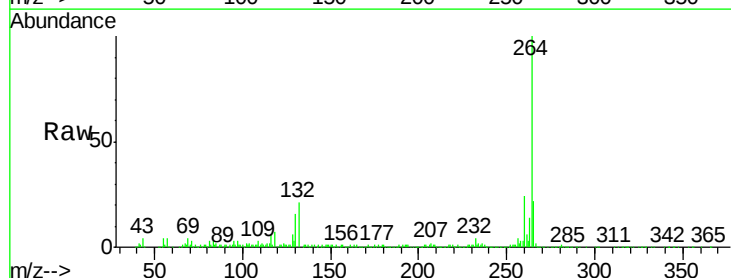
Tgt Ion:264 Resp: 243939

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

