

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 14:51:28 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

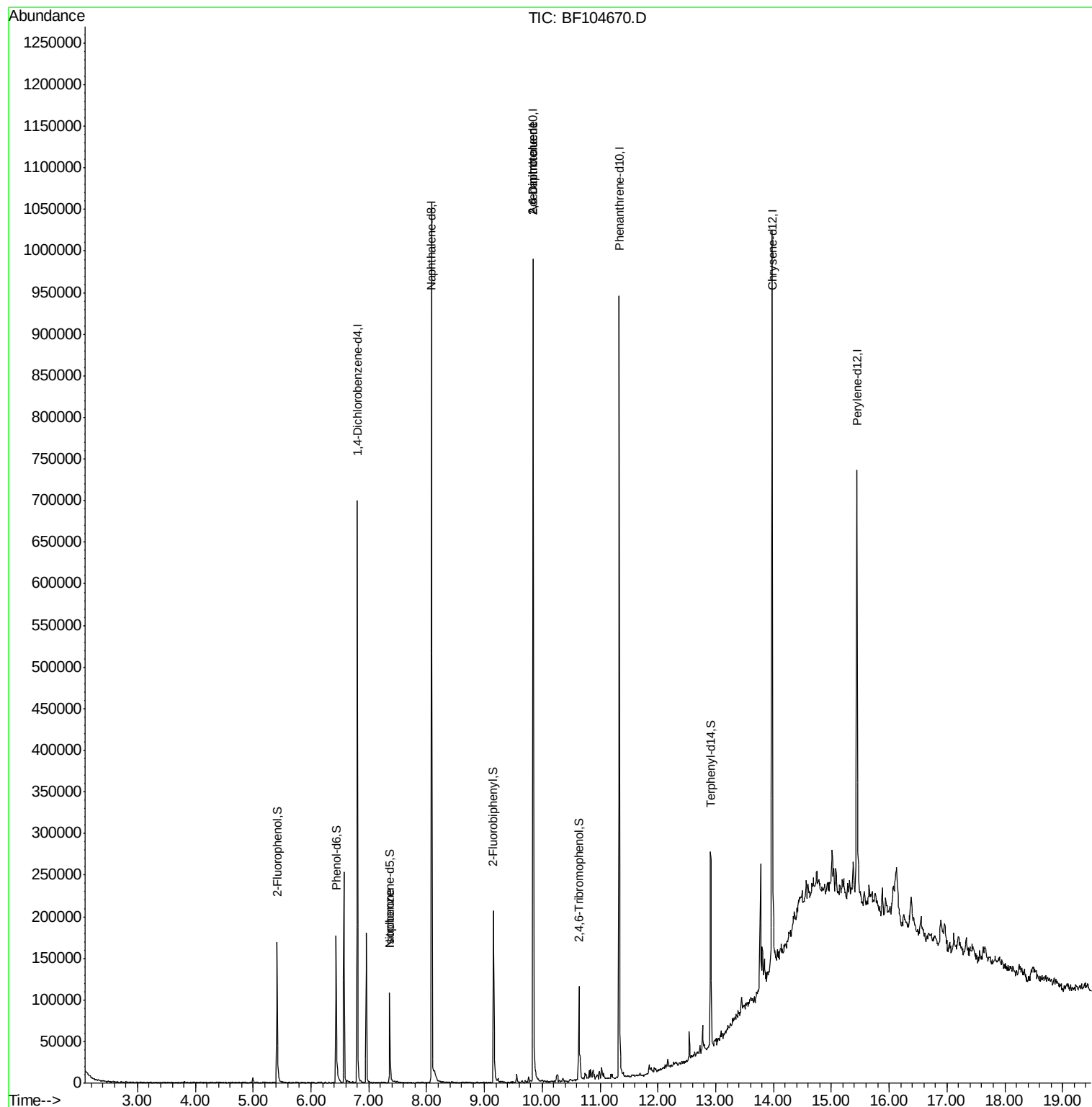
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111478	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	475805	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	213581	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	364094	20.00	ng	0.00
75) Chrysene-d12	13.97	240	285063	20.00	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						
9) Benzaldehyde	6.57	77	1318	Below Cal	#	75
25) Isophorone	7.36	82	41140	2.670 ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	27127	8.704 ng	#	25
56) 2,4-Dinitrotoluene	9.84	165	27127	6.636 ng	#	23
76) Benzidine	12.91	184	1072	Below Cal	#	68

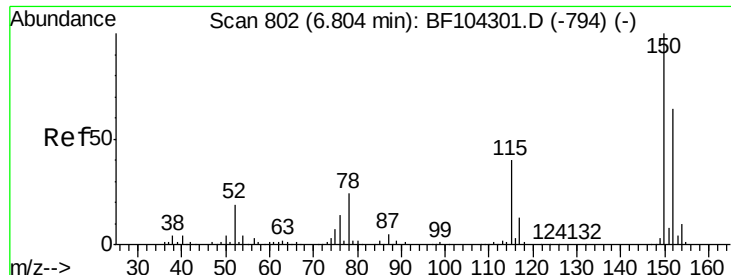
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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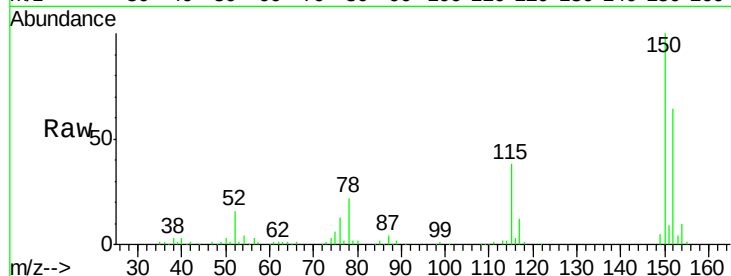


#1

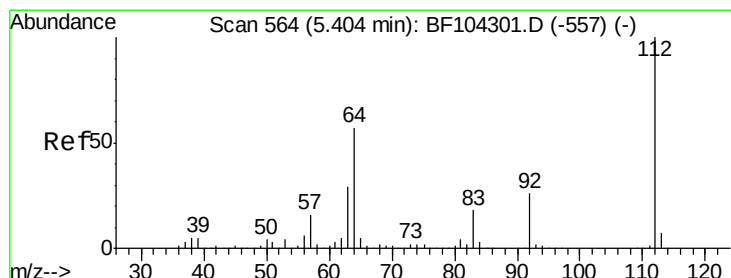
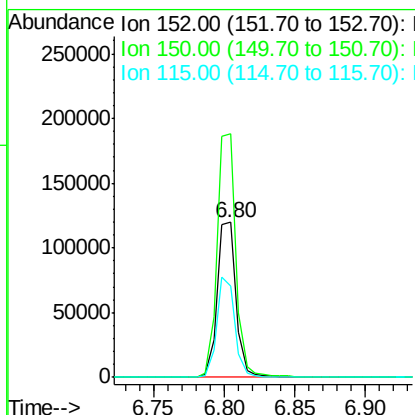
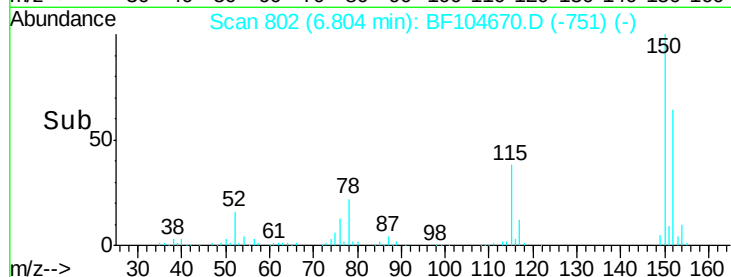
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

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



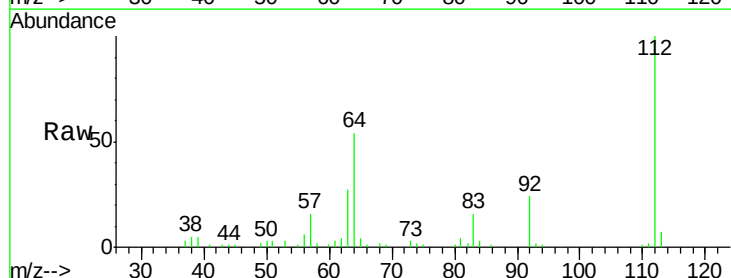
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



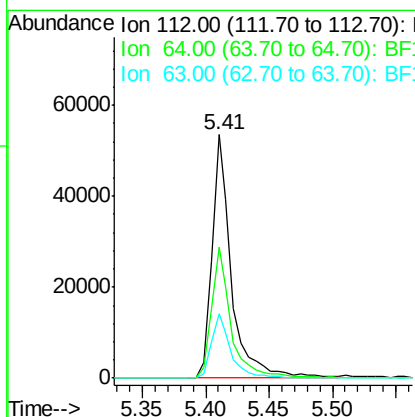
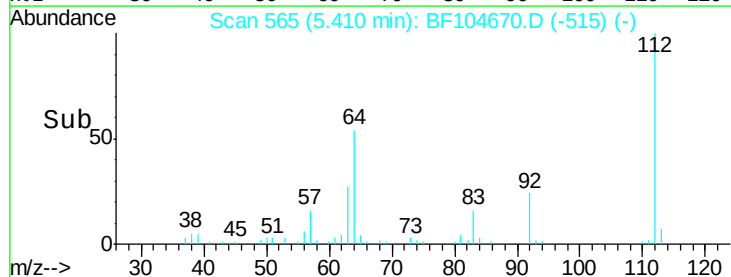
#5

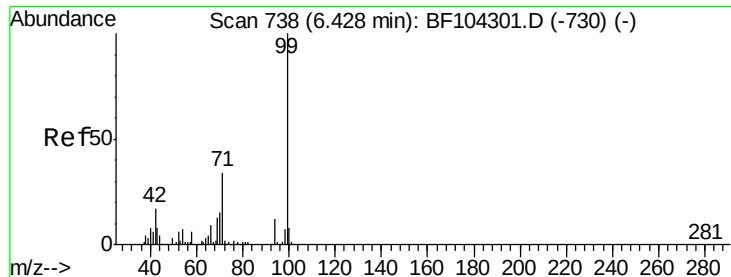
2-Fluorophenol
Concen: 7.959 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

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

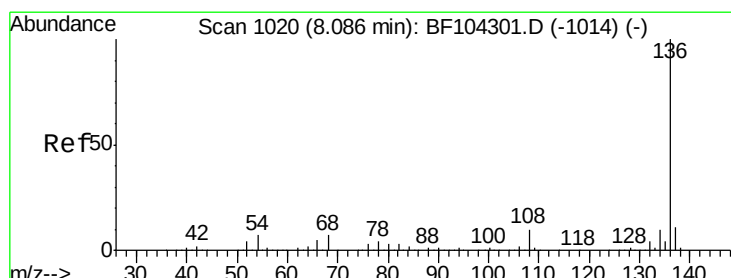
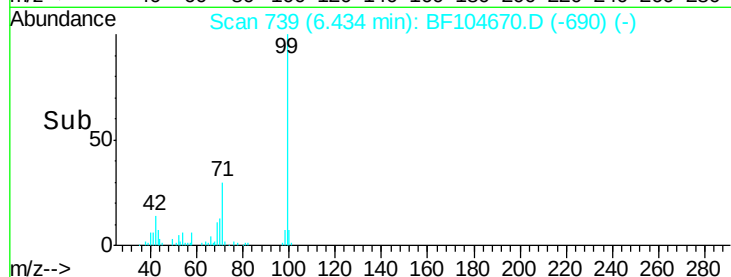
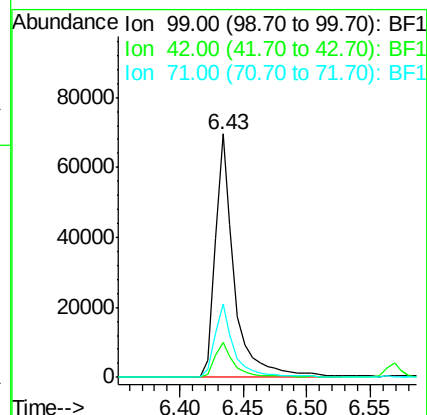
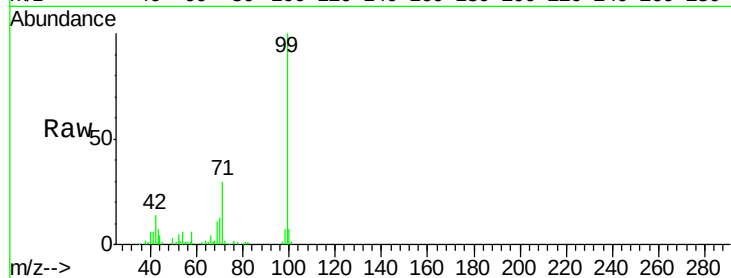
Tot Ion: 99 Resp: 73804

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 30.4 25.4 38.0



#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

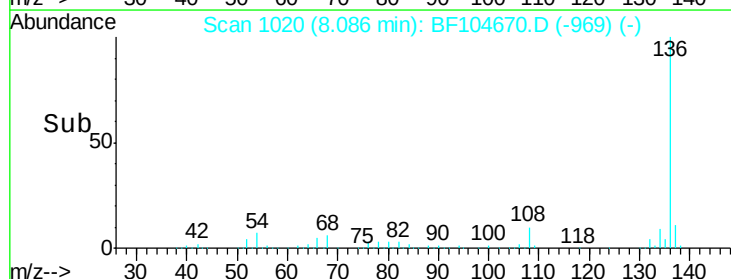
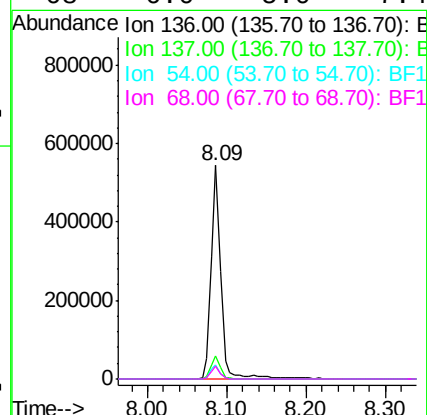
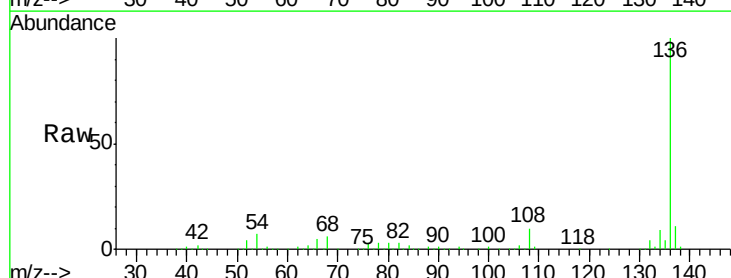
Ion Ratio Lower Upper

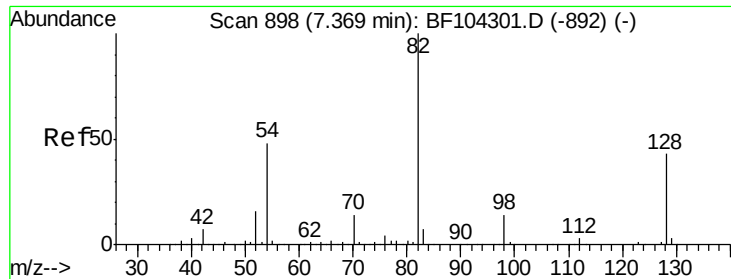
136 100

137 10.8 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

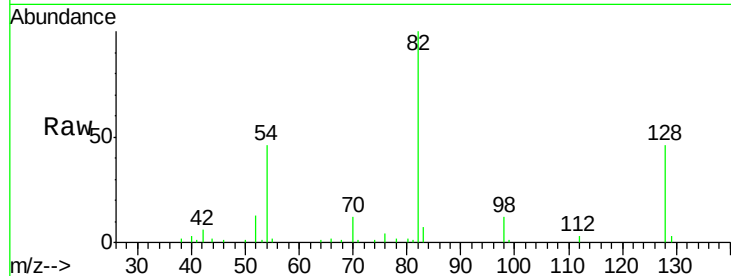




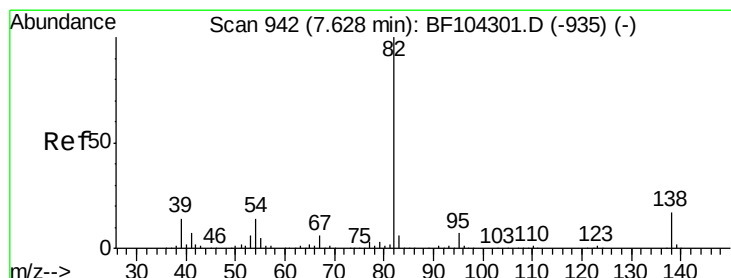
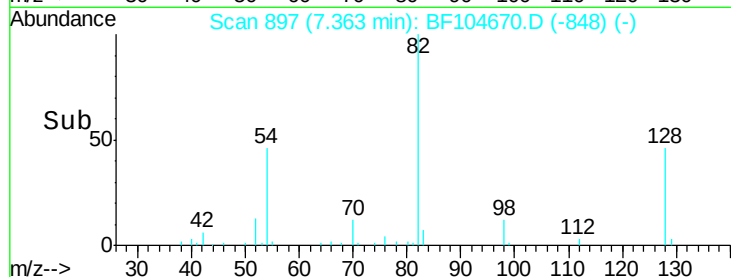
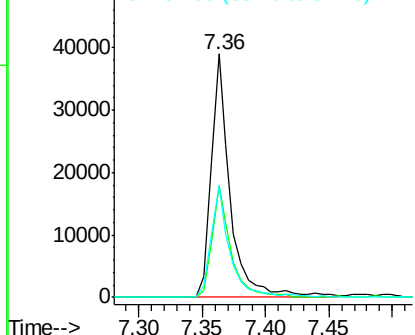
#23
 Nitrobenzene-d5
 Concen: 5.645 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104670.D
 Acq: 20 Apr 2018 13:28

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

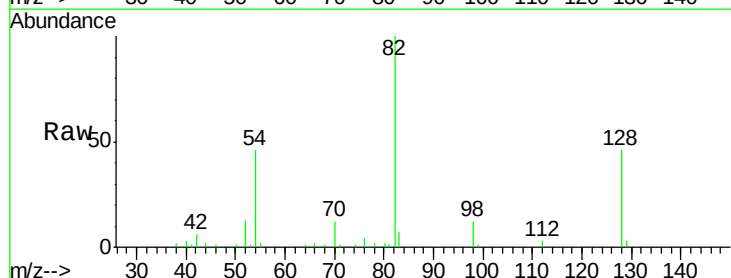


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

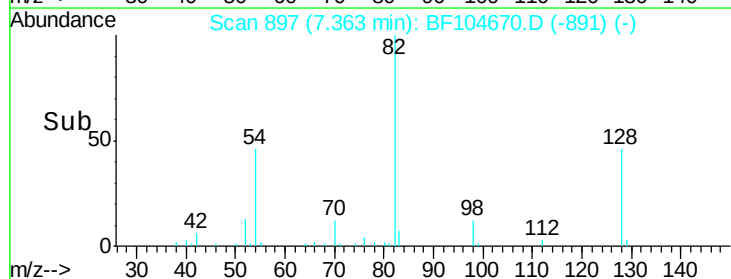
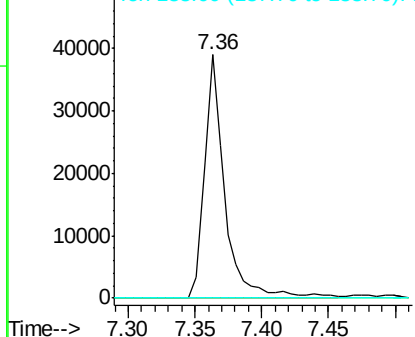


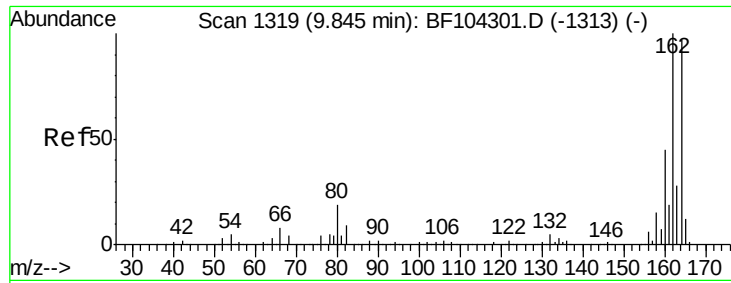
#25
 Isophorone
 Concen: 2.670 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104670.D
 Acq: 20 Apr 2018 13:28

Tgt Ion: 82 Resp: 41140
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

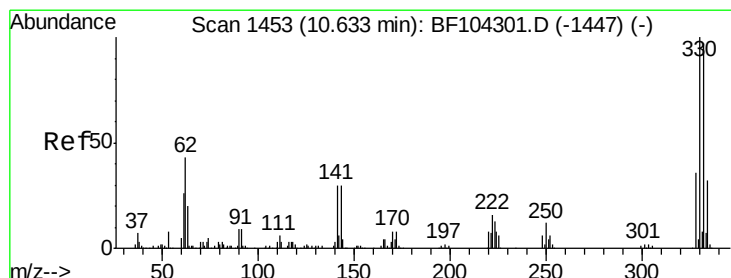
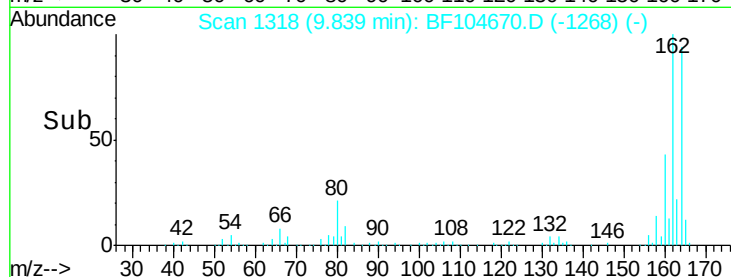
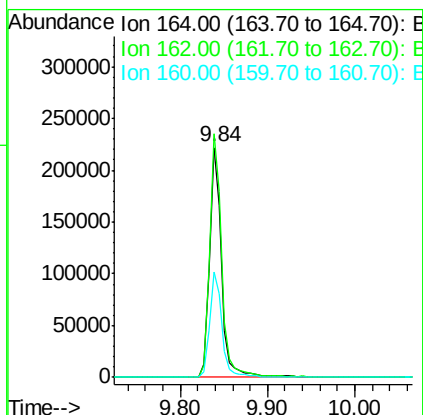
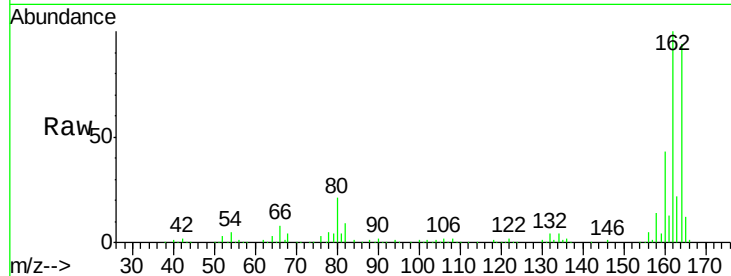




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104670.D
 Acq: 20 Apr 2018 13:28

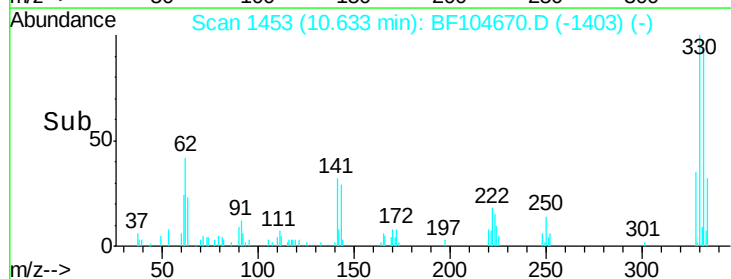
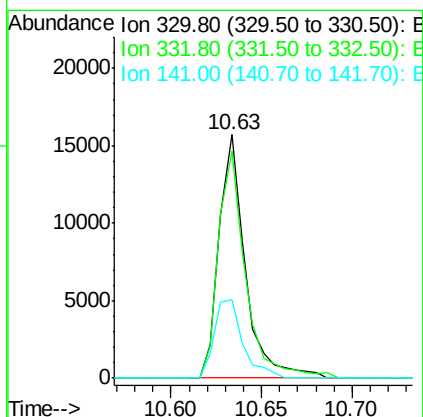
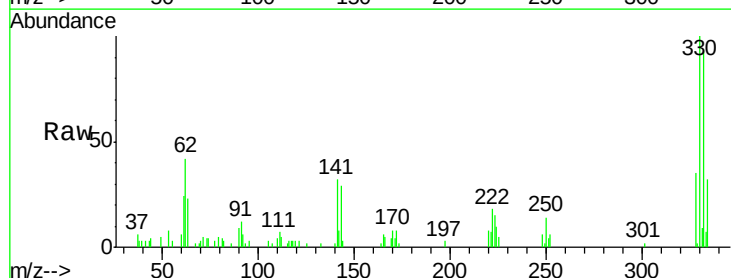
Instrument :
 BNA_F
 ClientSampleId :
 S-5-AT-OUT-FALL-0-6

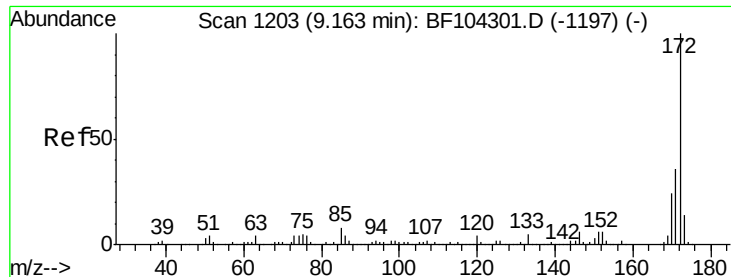
Tot Ion:164 Resp: 213581
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 45.9 38.3 57.5



#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

Tgt Ion:330 Resp: 15893
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.9 29.9 44.9

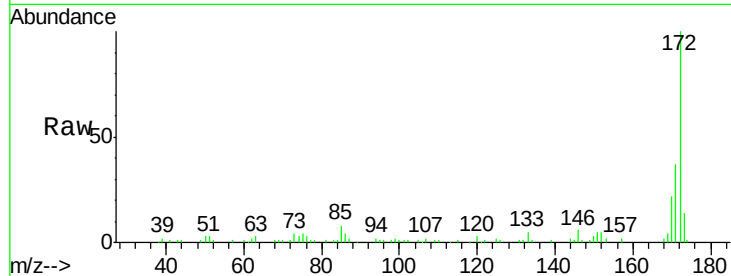




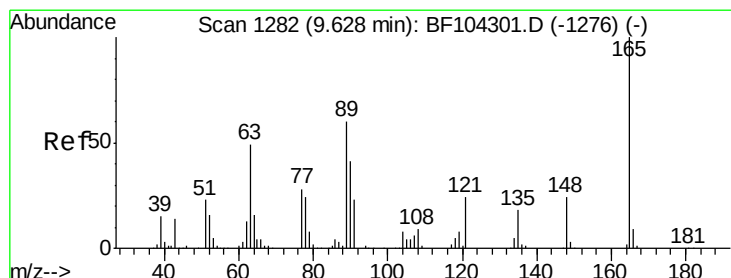
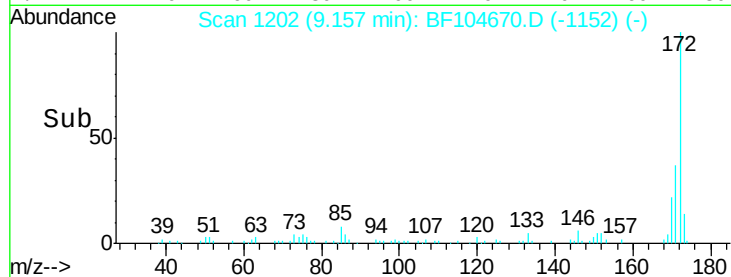
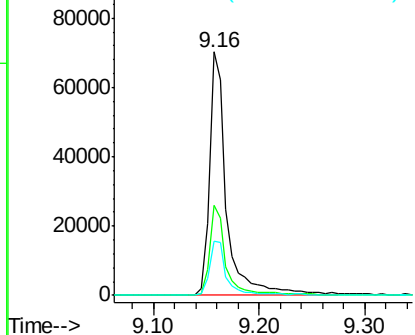
#44
 2-Fluorobiphenyl
 Concen: 5.874 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104670.D
 Acq: 20 Apr 2018 13:28

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

Tot Ion:172 Resp: 79420
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 22.4 19.6 29.4

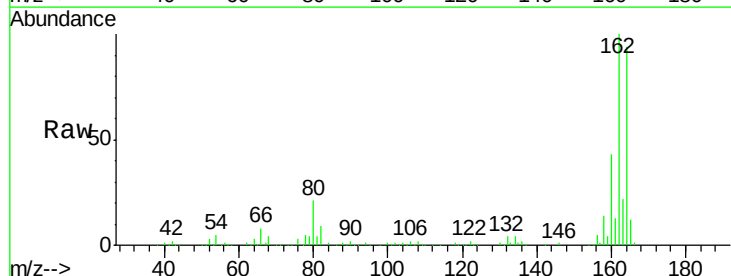


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

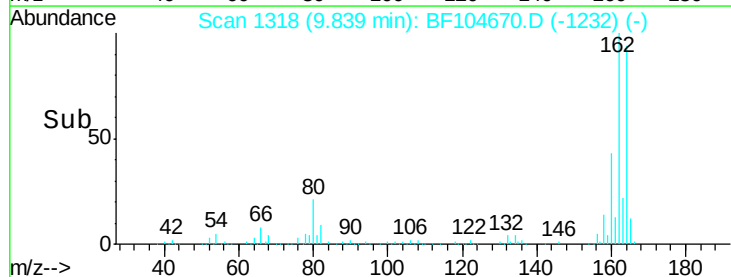
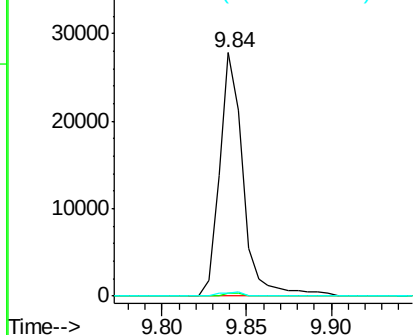


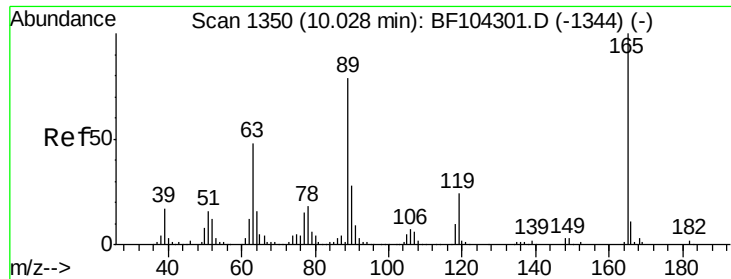
#50
 2,6-Dinitrotoluene
 Concen: 8.704 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104670.D
 Acq: 20 Apr 2018 13:28

Tgt Ion:165 Resp: 27127
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

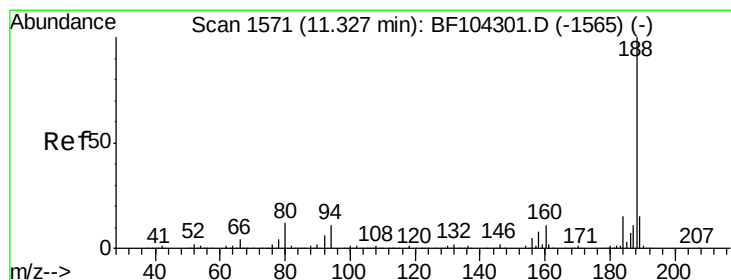
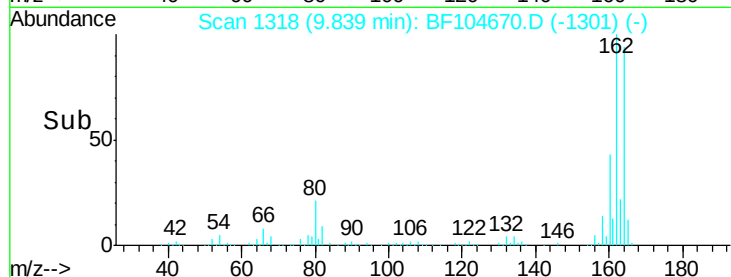
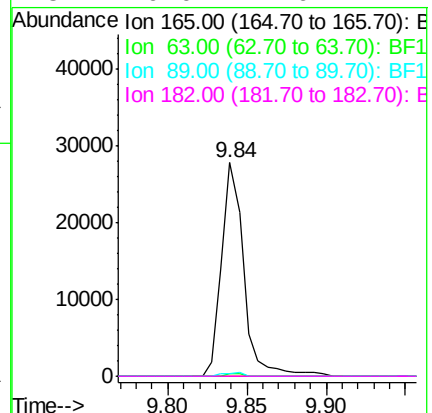
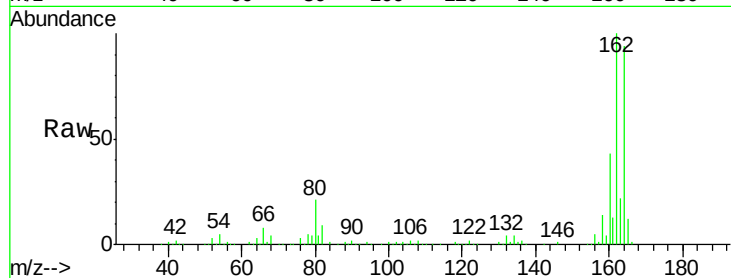




#56
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104670.D
Acq: 20 Apr 2018 13:28

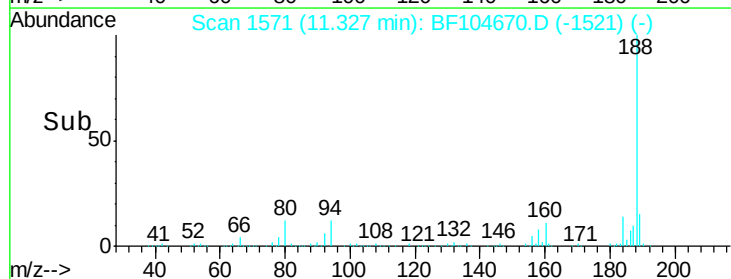
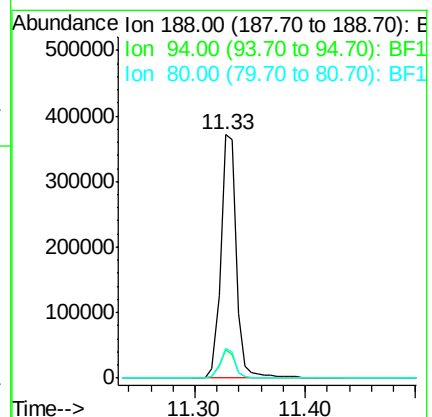
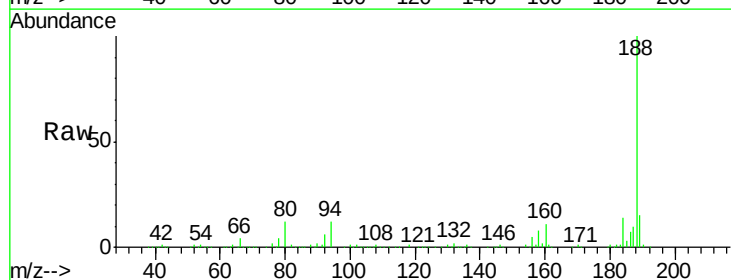
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S-5-AT-OUT-FALL-0-6

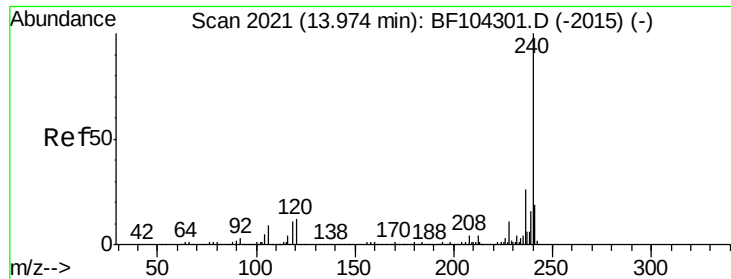
Tot Ion:	165	Resp:	27127
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

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

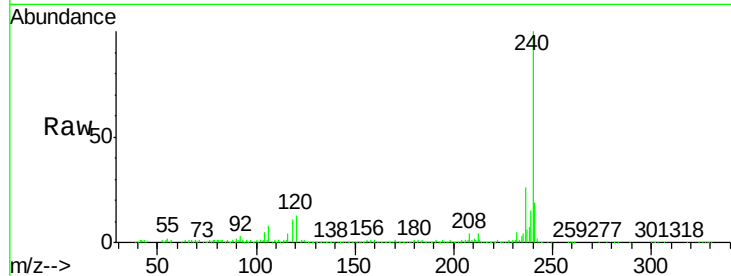
Tot Ion:240 Resp: 285063

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

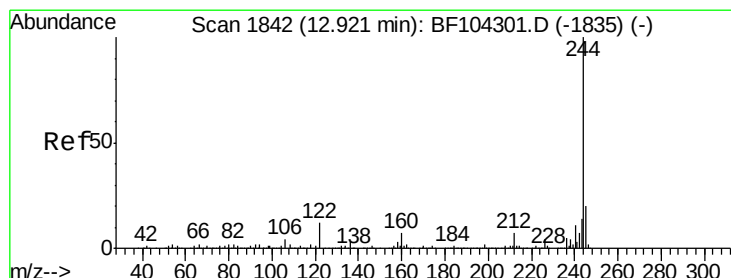
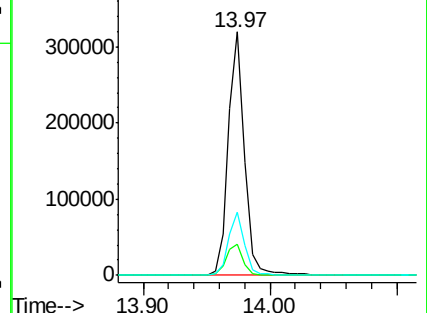
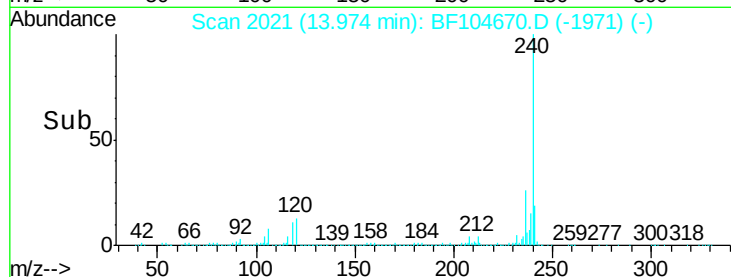
236 25.8 20.7 31.1



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

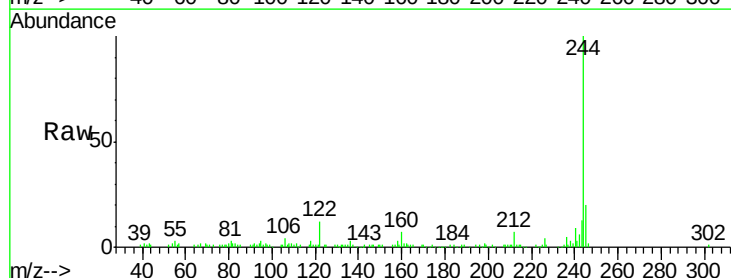
Tgt Ion:244 Resp: 81489

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

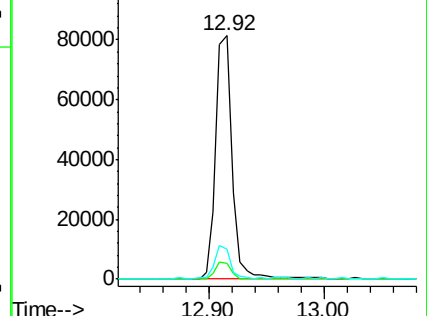
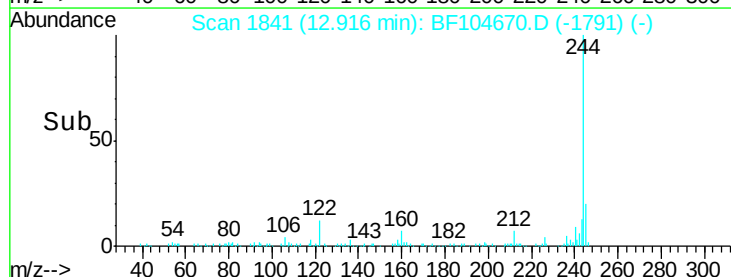
122 12.0 11.0 16.4

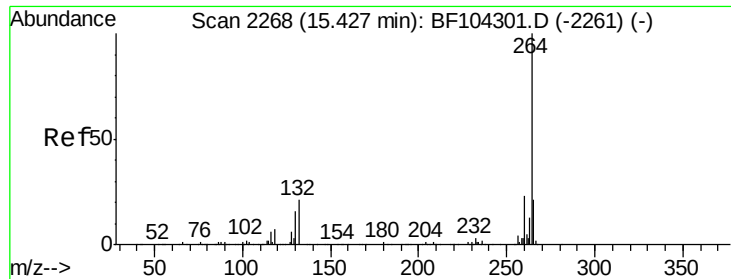


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

