

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104671.D
 Acq On : 20 Apr 2018 13:54
 Operator : JU/SJ
 Sample : J2475-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-01

Quant Time: Apr 20 14:51:43 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

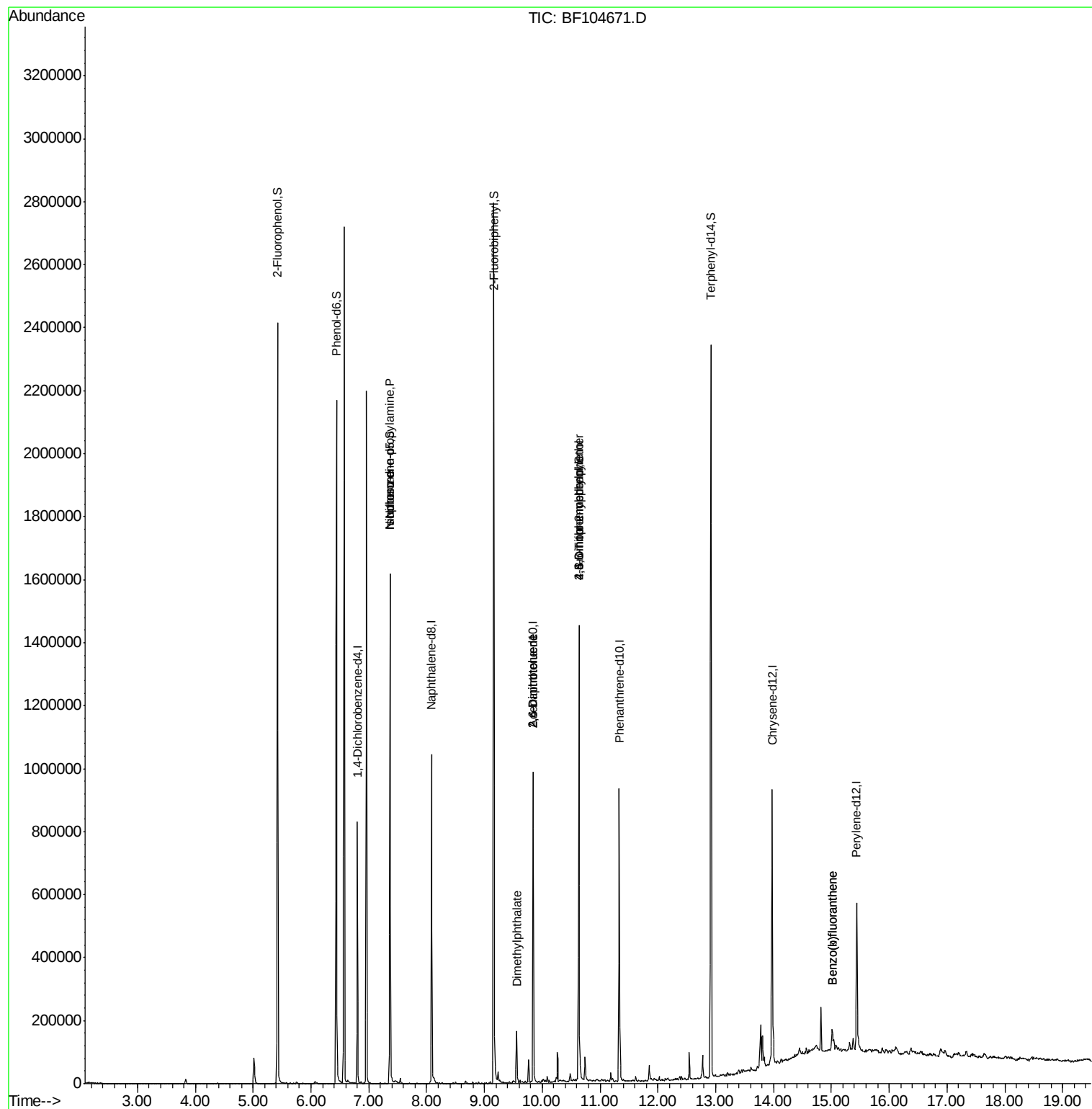
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118790	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	460236	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194221	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	324994	20.00	ng	0.00
75) Chrysene-d12	13.97	240	279041	20.00	ng	0.00
86) Perylene-d12	15.44	264	227745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	703865	90.60	ng	0.00
7) Phenol-d6	6.44	99	854928	89.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	516754	73.32	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	186419	92.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	863165	70.21	ng	0.00
78) Terphenyl-d14	12.92	244	782700	63.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	66666	10.688	ng	# 71
25) Isophorone	7.37	82	516747	34.671	ng	# 64
49) Dimethylphthalate	9.56	163	72485	4.733	ng	100
50) 2,6-Dinitrotoluene	9.84	165	24633	8.692	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	24633	6.626	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	327	7.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11151	3.226	ng	# 1
76) Benzidine	12.92	184	10143	Below Cal		99
87) Benzo(b)fluoranthene	15.02	252	29529	2.053	ng	# 91
88) Benzo(k)fluoranthene	15.02	252	29529	2.174	ng	# 93

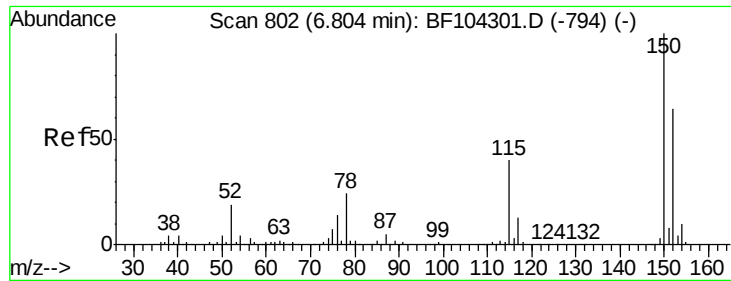
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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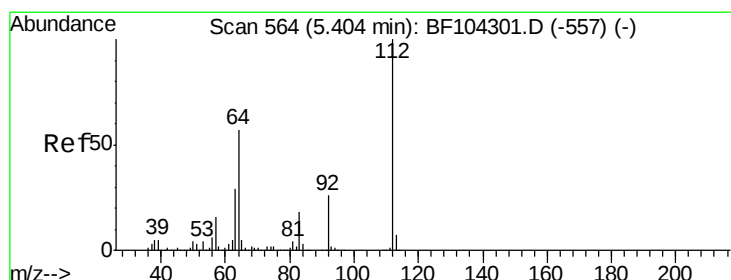
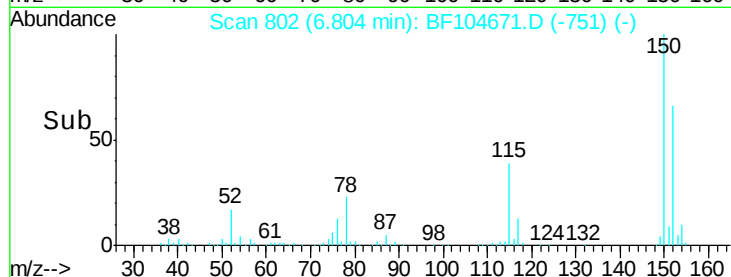
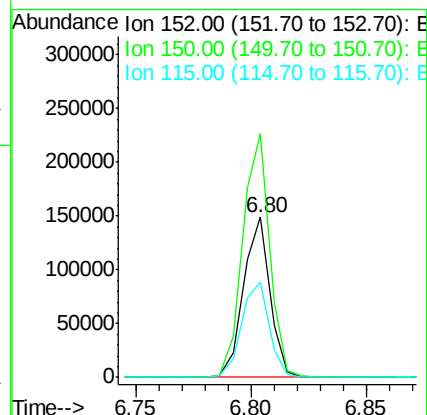
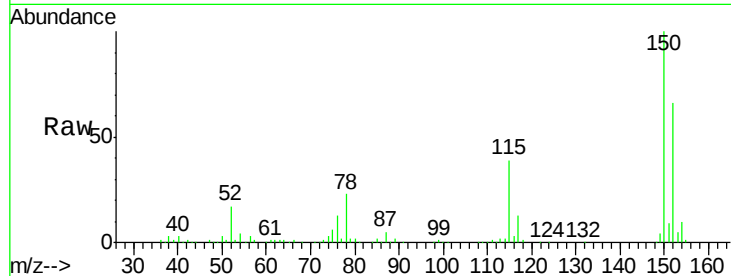


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Instrument :
BNA_F
ClientSampleId :
SB-01-01

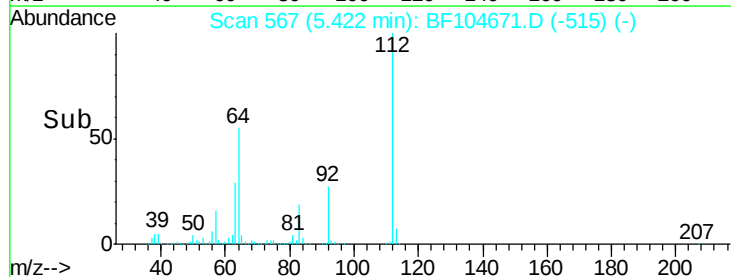
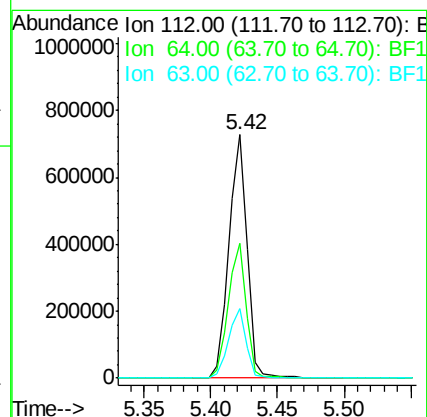
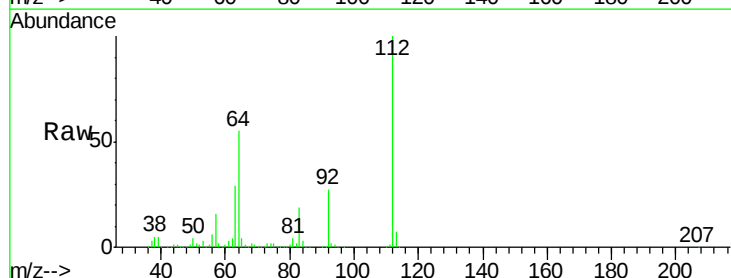
Tot Ion:152 Resp: 118790
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.6 50.1 75.1

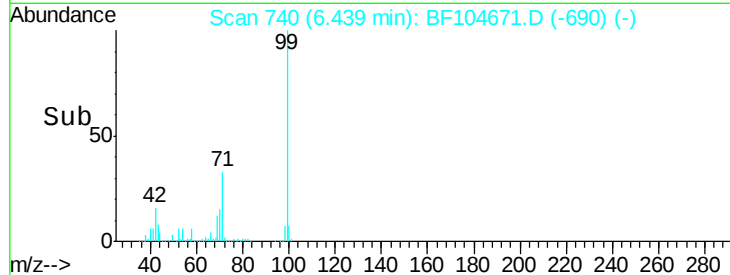
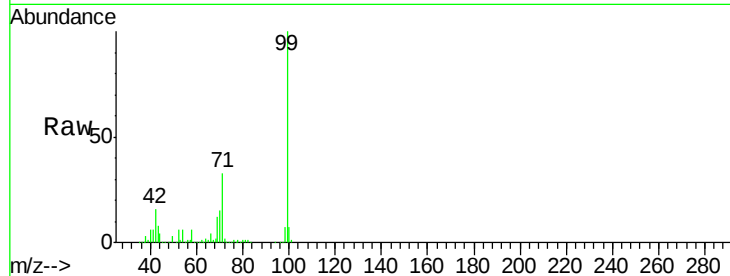


#5

2-Fluorophenol
Concen: 90.601 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Tgt Ion:112 Resp: 703865
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 89.565 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104671.D

Acq: 20 Apr 2018 13:54

Instrument :

BNA_F

ClientSampleId :

SB-01-01

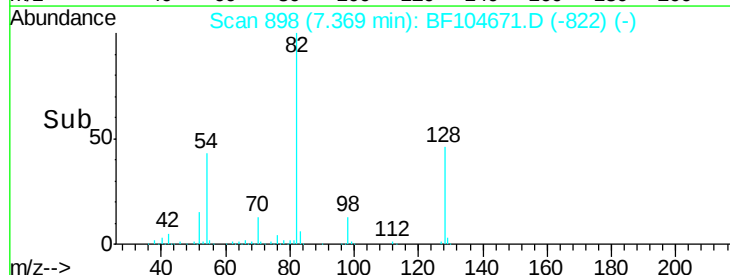
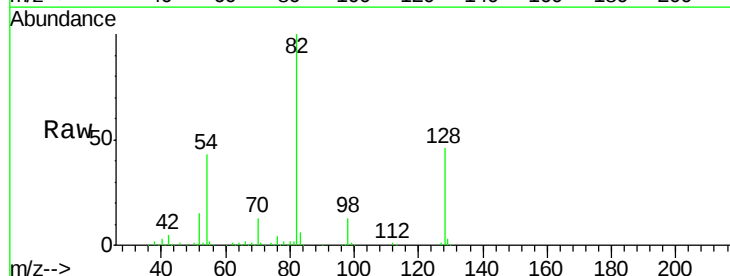
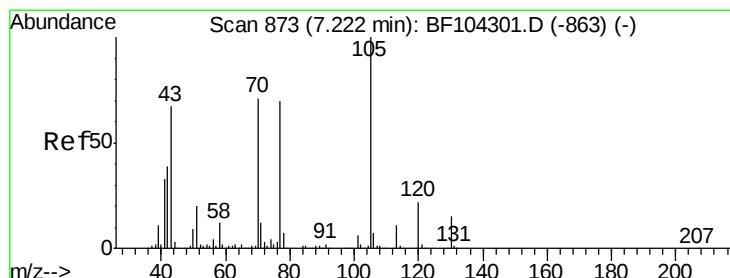
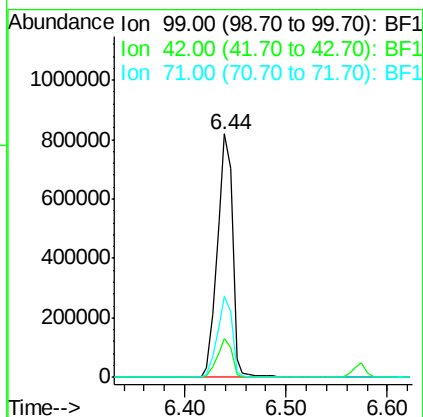
Tot Ion: 99 Resp: 854928

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.688 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104671.D

Acq: 20 Apr 2018 13:54

Tgt Ion: 70 Resp: 66666

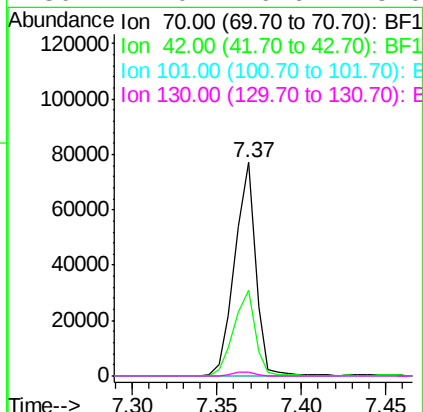
Ion Ratio Lower Upper

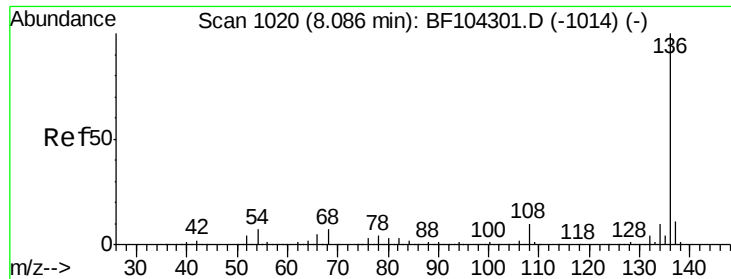
70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

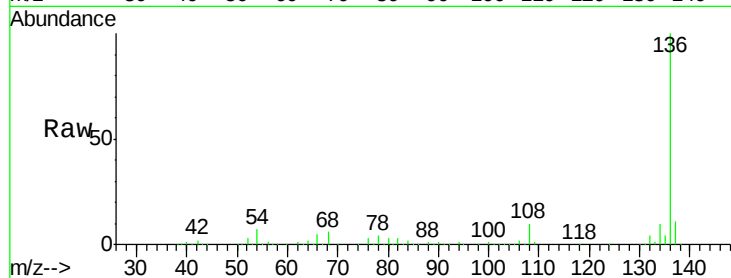




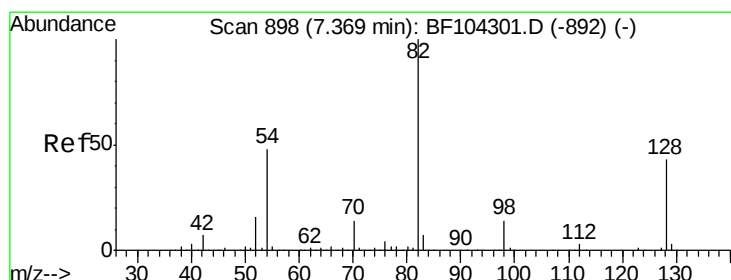
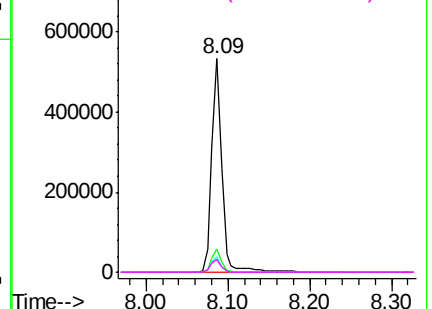
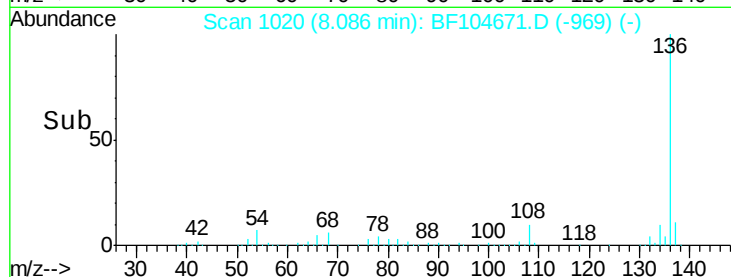
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Instrument :
BNA_F
ClientSampleId :
SB-01-01

Tot Ion:136	Resp:	460236
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.0	6.6 9.8
68	6.0	5.0 7.4

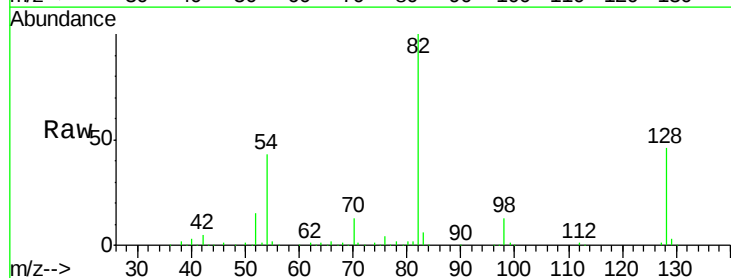


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

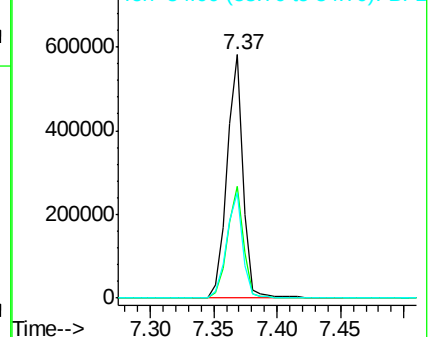
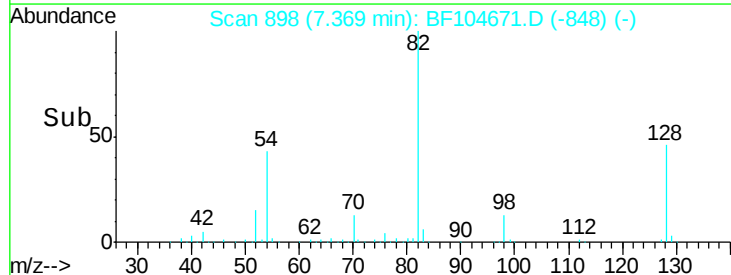


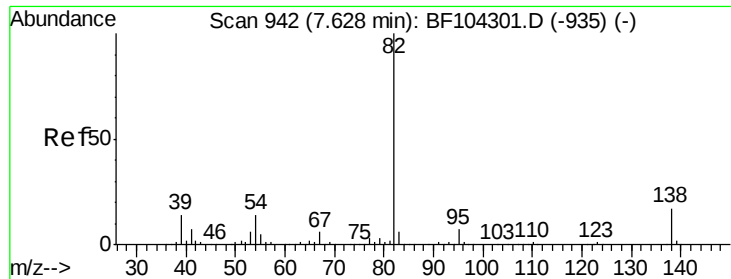
#23
Nitrobenzene-d5
Concen: 73.317 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Tgt Ion: 82	Resp:	516754
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	43.2	41.4 62.2



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





#25

Isophorone

Concen: 34.671 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104671.D

Acq: 20 Apr 2018 13:54

Instrument :

BNA_F

ClientSampleId :

SB-01-01

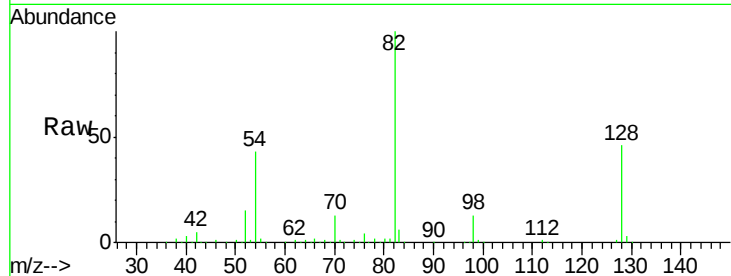
Tot Ion: 82 Resp: 516747

Ion Ratio Lower Upper

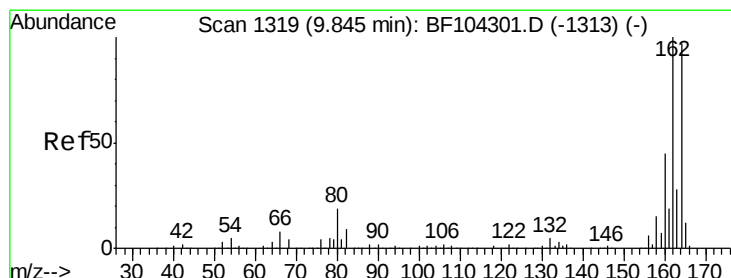
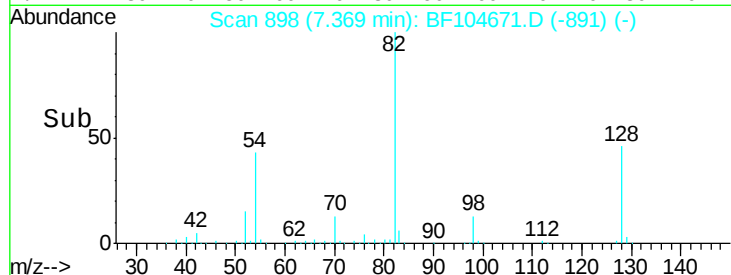
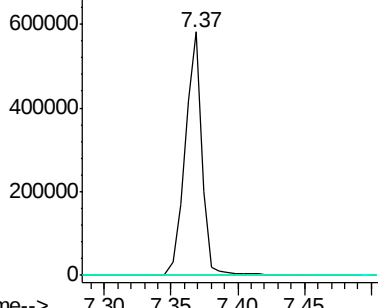
82 100

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: BF104671.D

Acq: 20 Apr 2018 13:54

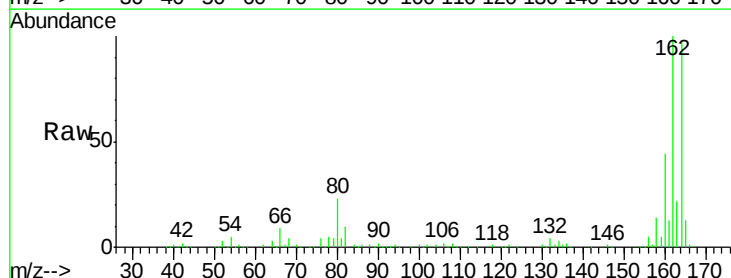
Tgt Ion:164 Resp: 194221

Ion Ratio Lower Upper

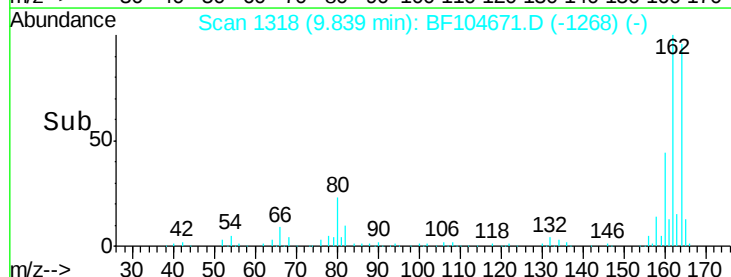
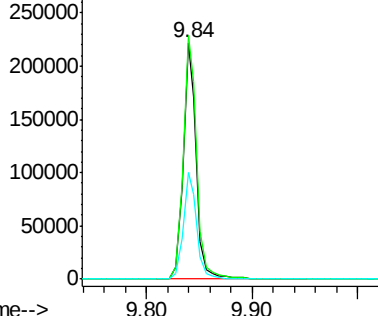
164 100

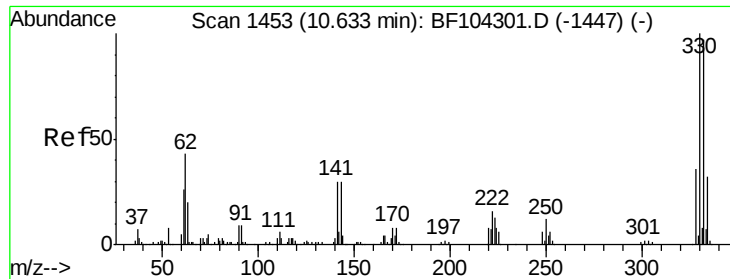
162 103.2 86.1 129.1

160 45.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

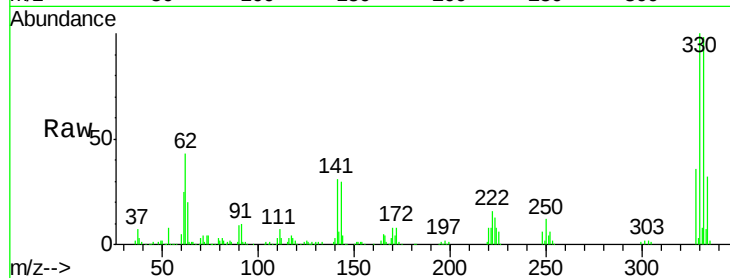




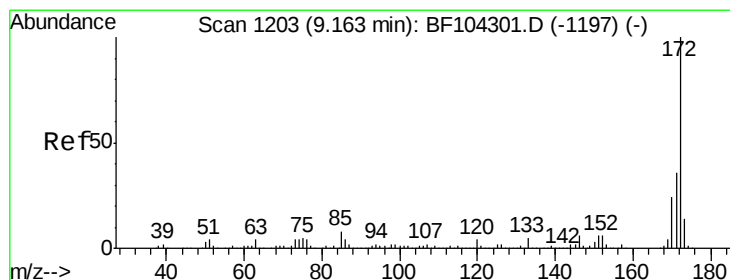
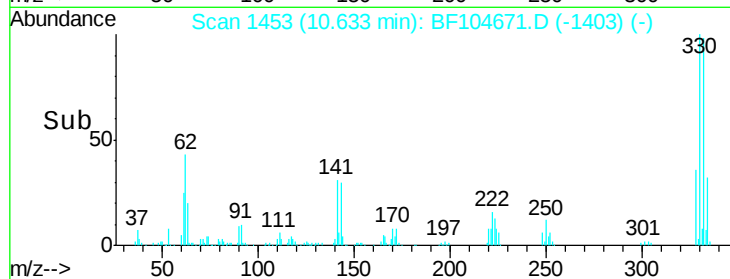
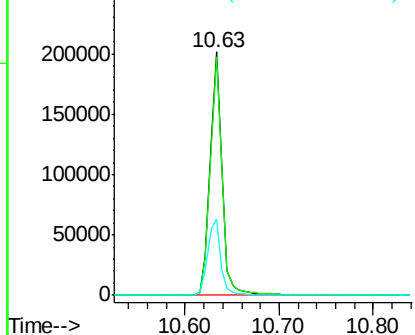
#41
 2,4,6-Tribromophenol
 Concen: 92.529 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104671.D
 Acq: 20 Apr 2018 13:54

Instrument :
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 SB-01-01

Tot Ion:330 Resp: 186419
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.8 29.9 44.9

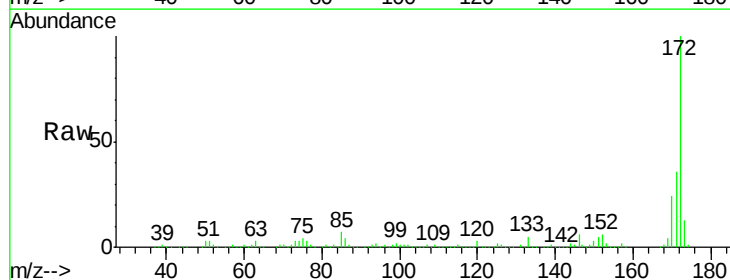


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

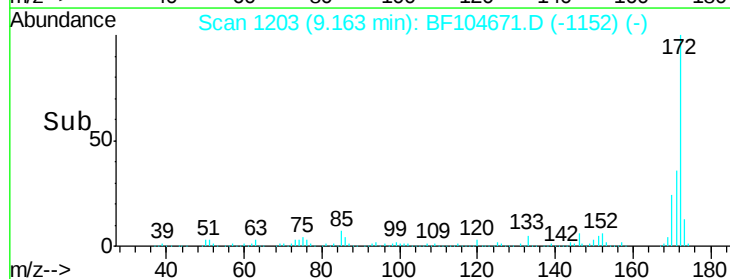
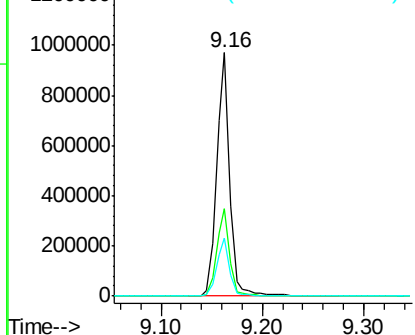


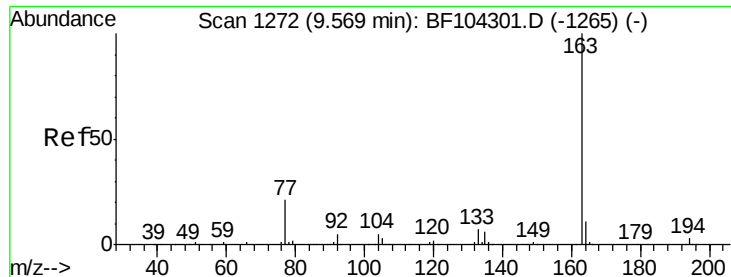
#44
 2-Fluorobiphenyl
 Concen: 70.208 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104671.D
 Acq: 20 Apr 2018 13:54

Tgt Ion:172 Resp: 863165
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.8 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

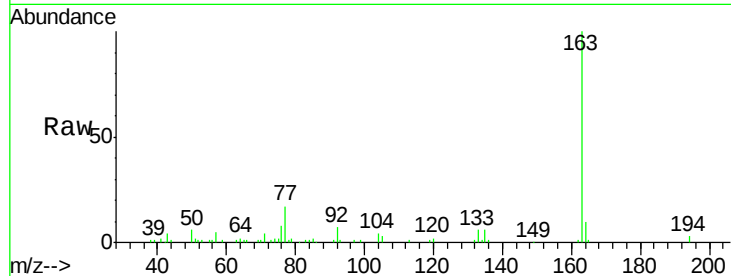




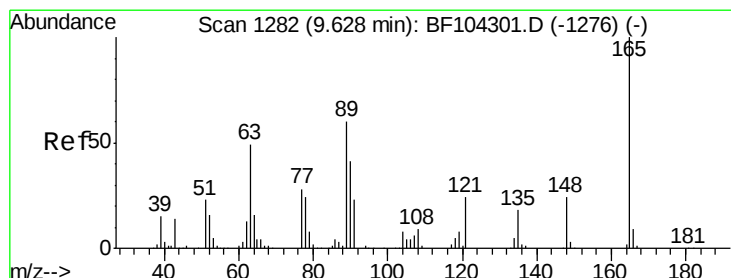
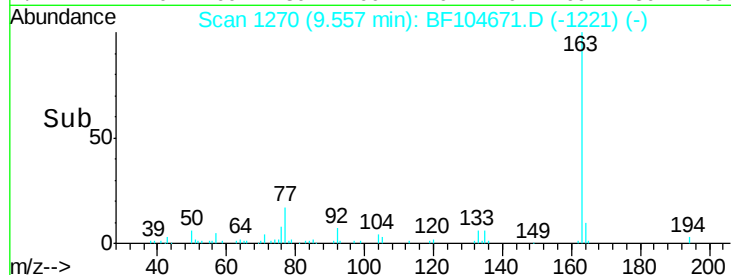
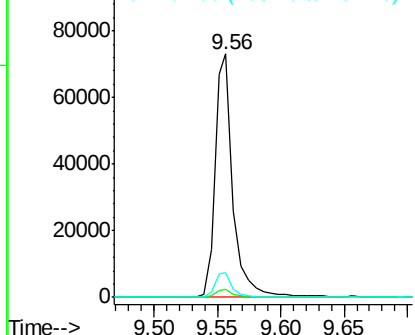
#49
Dimethylphthalate
Concen: 4.733 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Instrument :
BNA_F
ClientSampleId :
SB-01-01

Tot Ion:163 Resp: 72485
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

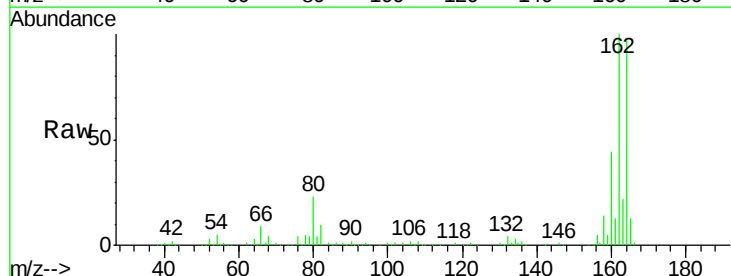


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

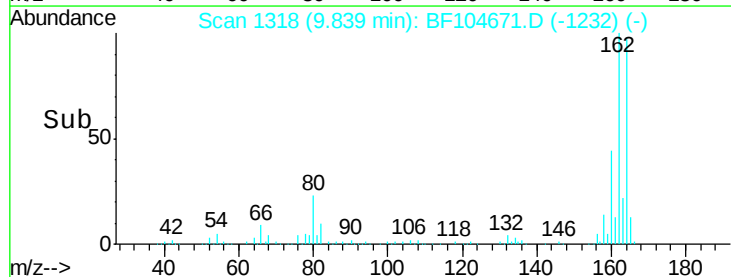
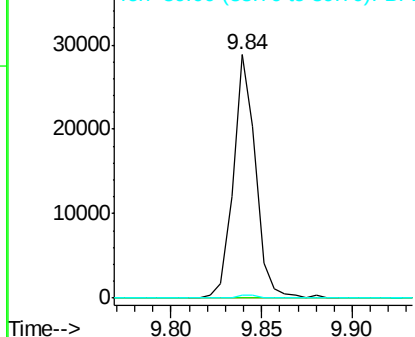


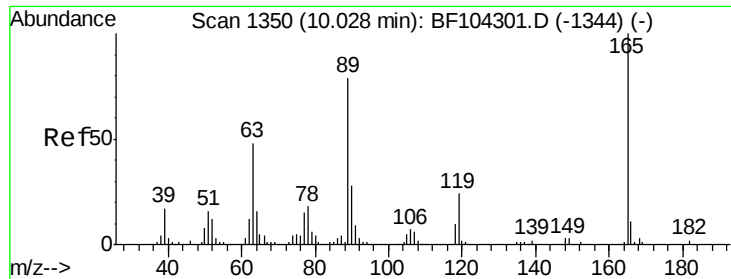
#50
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Tgt Ion:165 Resp: 24633
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.1 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

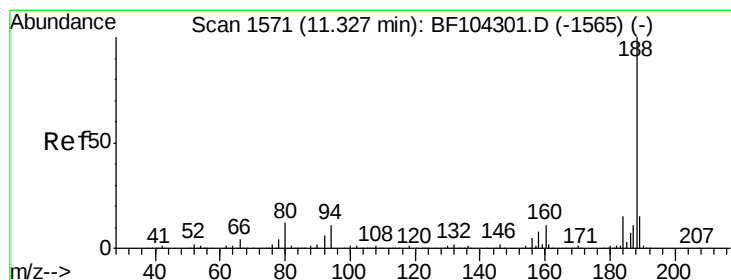
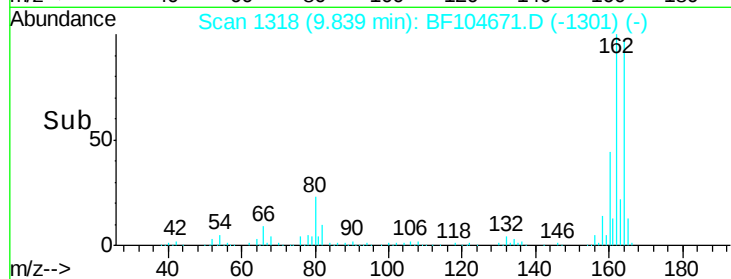
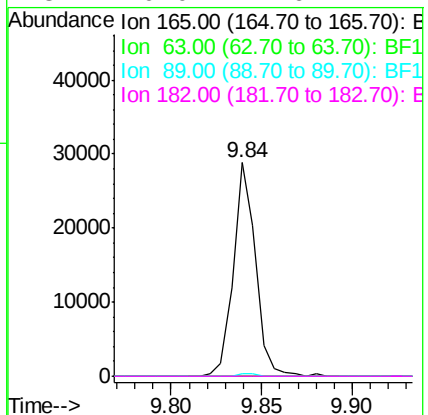
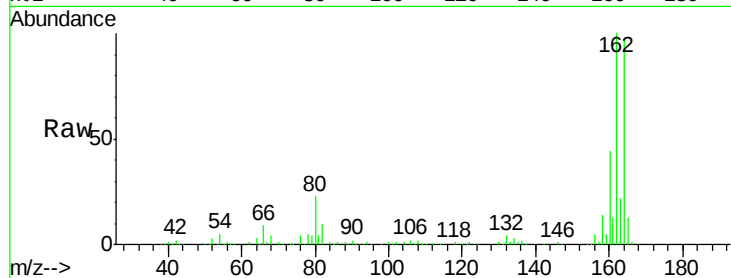




#56
 2,4-Dinitrotoluene
 Concen: 6.626 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104671.D
 Acq: 20 Apr 2018 13:54

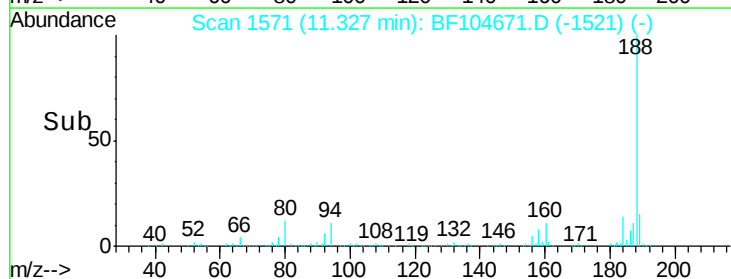
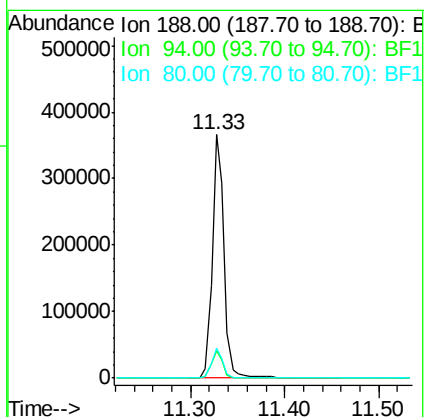
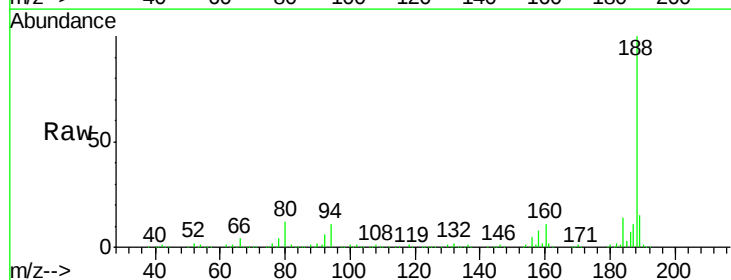
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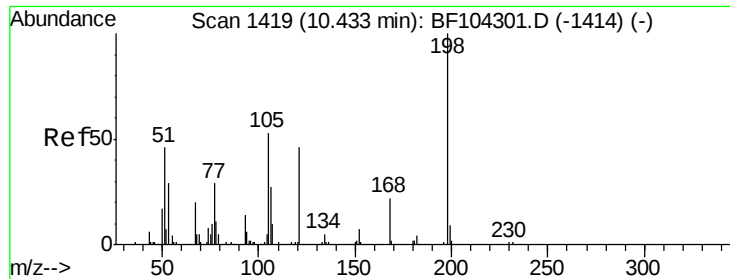
Tot Ion:165	Resp:	24633
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104671.D
 Acq: 20 Apr 2018 13:54

Tgt Ion:188	Resp:	324994
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	12.2	9.2 13.8

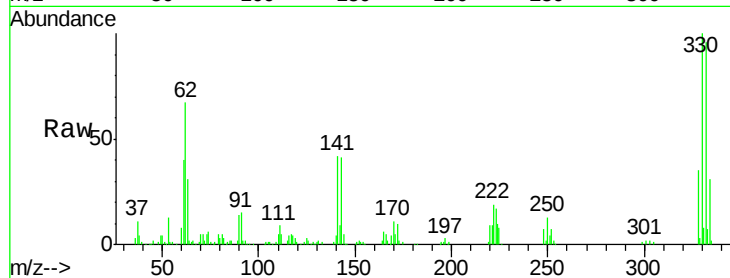




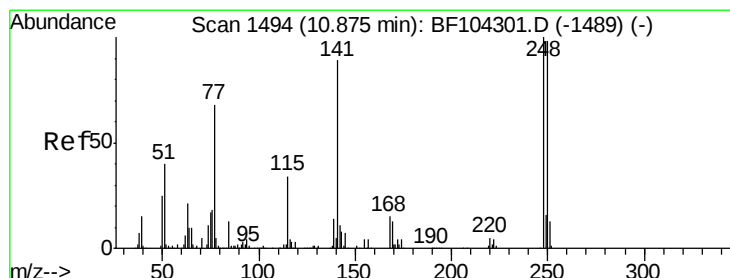
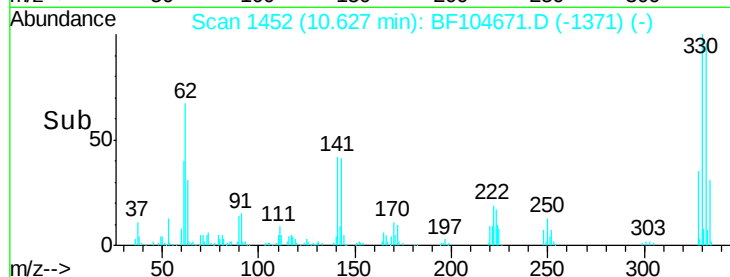
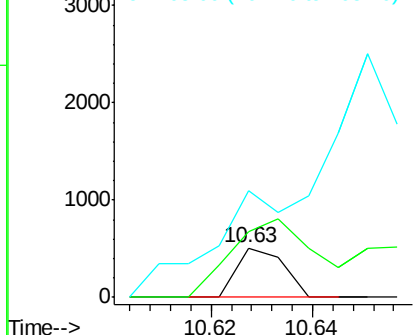
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.522 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.18 min
 Lab File: BF104671.D
 Acq: 20 Apr 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-01

Tot Ion:198 Resp: 327
 Ion Ratio Lower Upper
 198 100
 51 134.1 37.7 77.7#
 105 216.0 36.3 76.3#

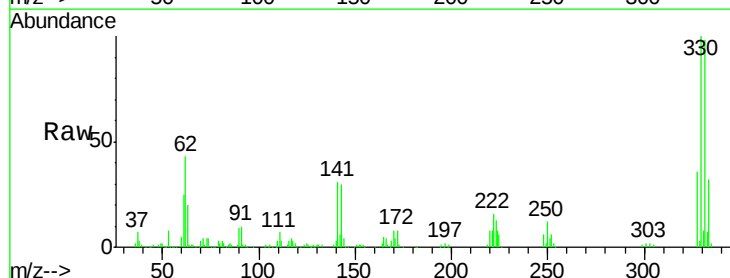


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

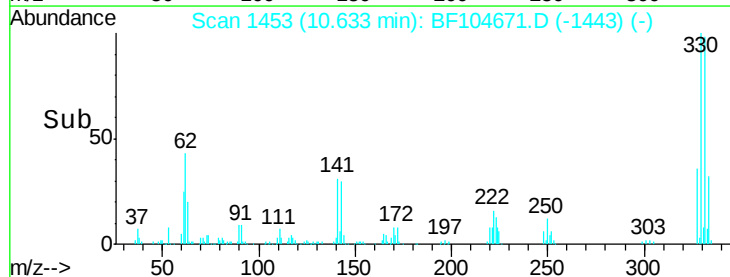
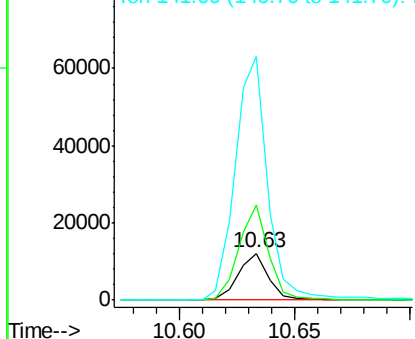


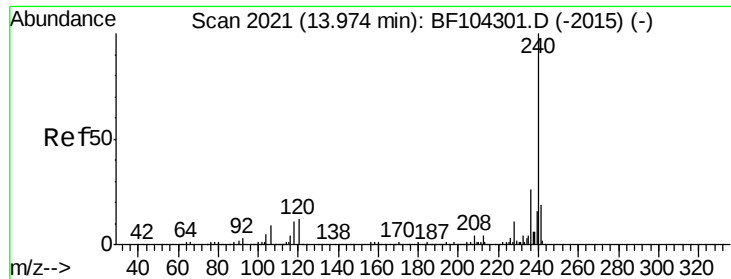
#66
 4-Bromophenyl-phenylether
 Concen: 3.226 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104671.D
 Acq: 20 Apr 2018 13:54

Tgt Ion:248 Resp: 11151
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 519.5 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104671.D

Acq: 20 Apr 2018 13:54

Instrument :

BNA_F

ClientSampleId :

SB-01-01

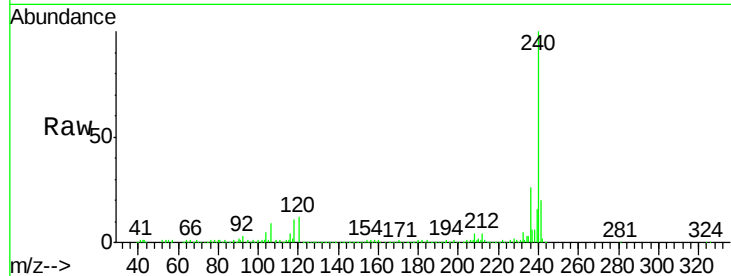
Tot Ion:240 Resp: 279041

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

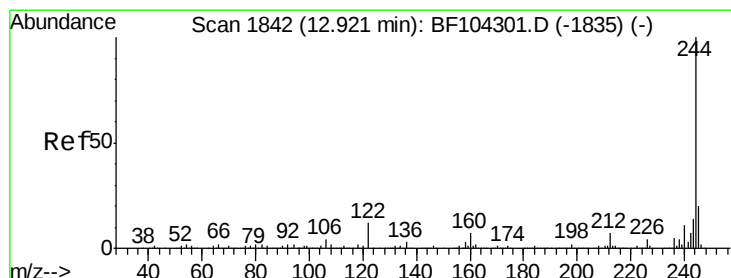
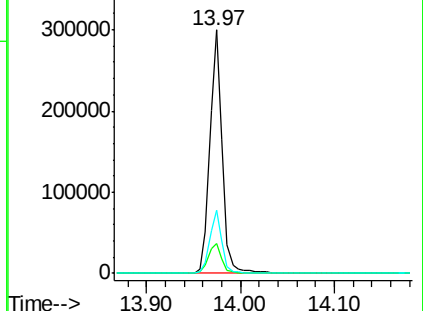
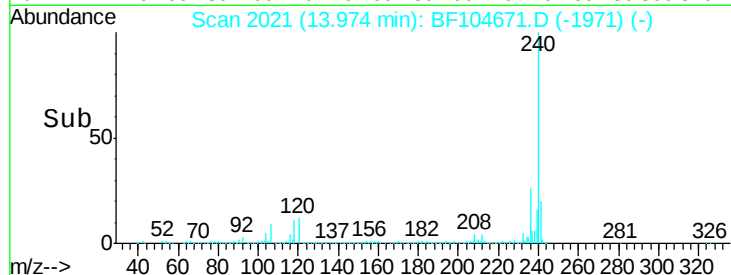
236 26.2 20.7 31.1



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: 63.948 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104671.D

Acq: 20 Apr 2018 13:54

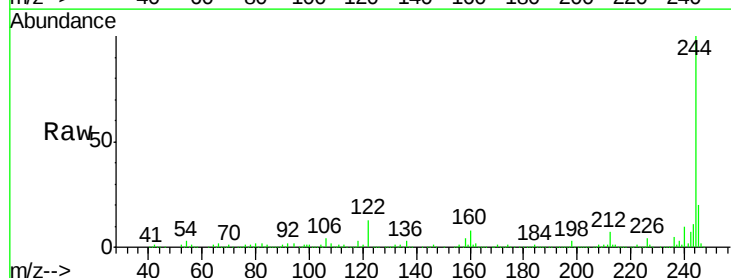
Tgt Ion:244 Resp: 782700

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

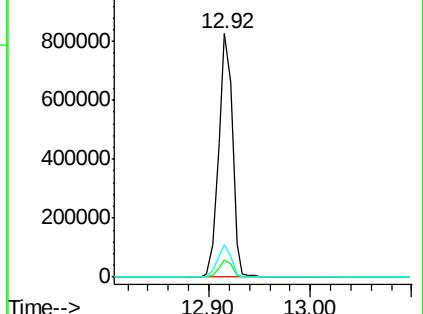
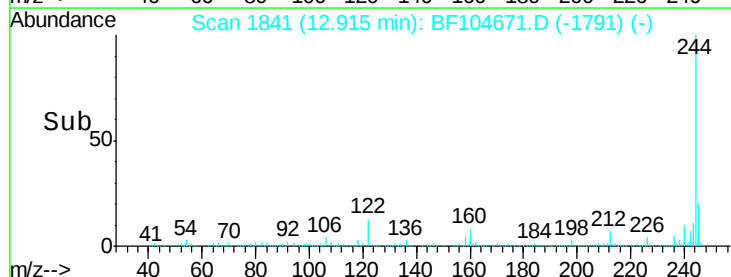
122 13.3 11.0 16.4

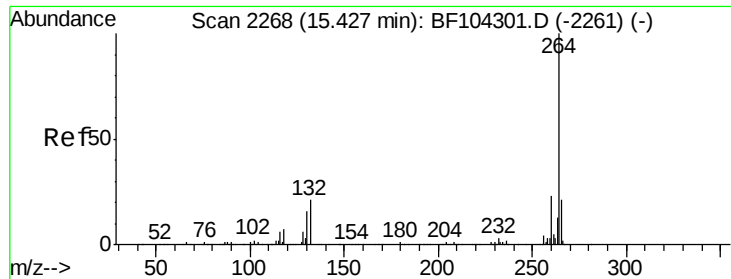


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

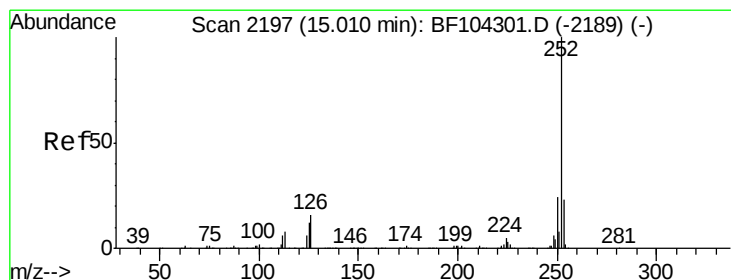
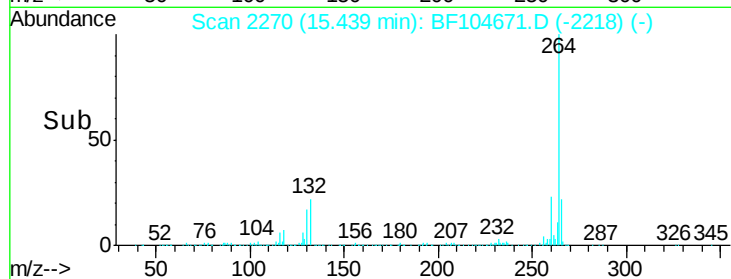
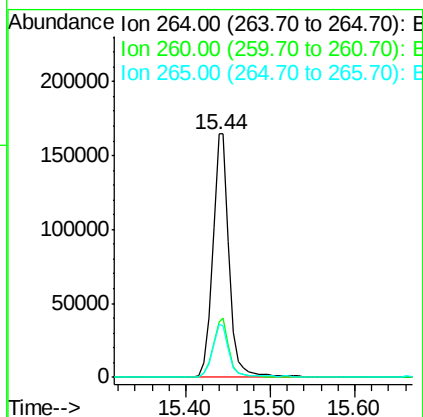
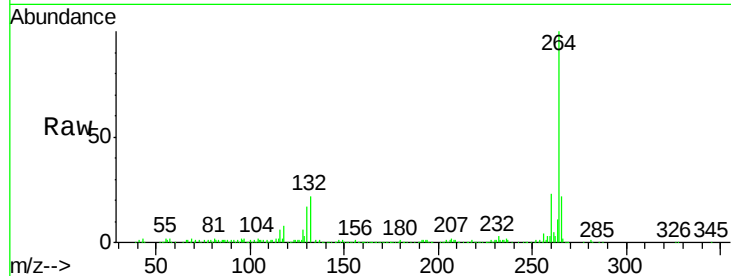




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

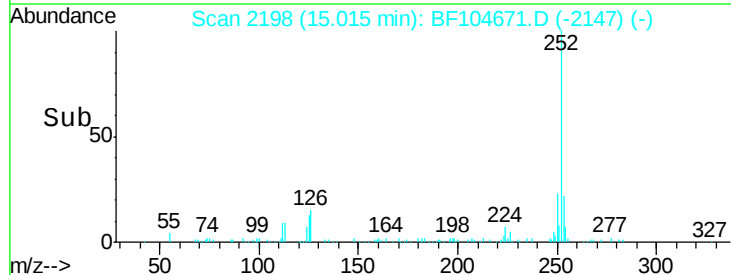
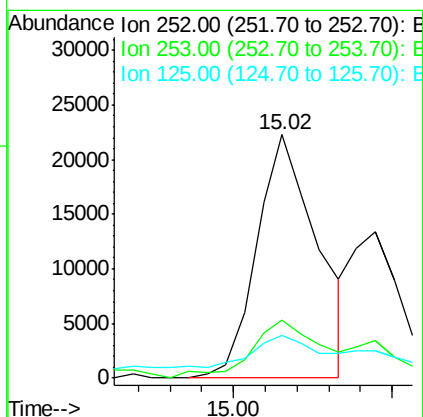
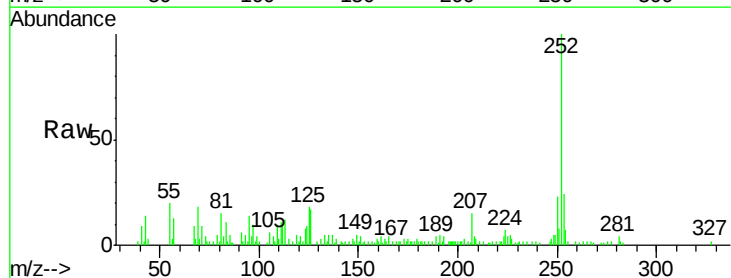
Instrument :
BNA_F
ClientSampleId :
SB-01-01

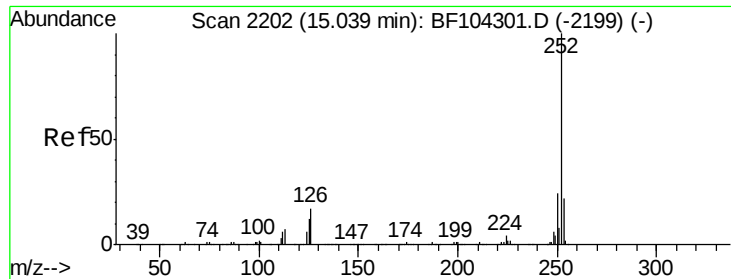
Tot Ion:264 Resp: 227745
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.053 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104671.D
Acq: 20 Apr 2018 13:54

Tgt Ion:252 Resp: 29529
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 17.8 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.174 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BF104671.D

Acq: 20 Apr 2018 13:54

Instrument :

BNA_F

ClientSampleId :

SB-01-01

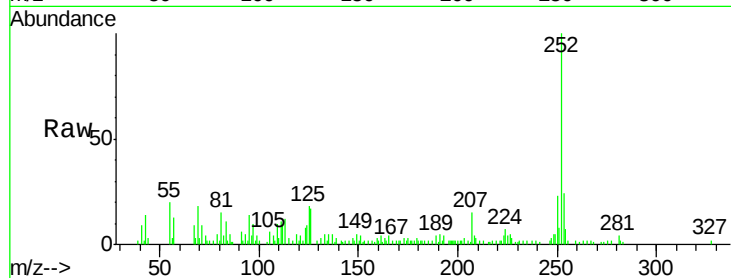
Tot Ion:252 Resp: 29529

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 17.8 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

