

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104355.D
 Acq On : 7 Apr 2018 13:21
 Operator : JU/SJ
 Sample : J2255-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040418-DBRI-E-U-B

Quant Time: Apr 09 00:51:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

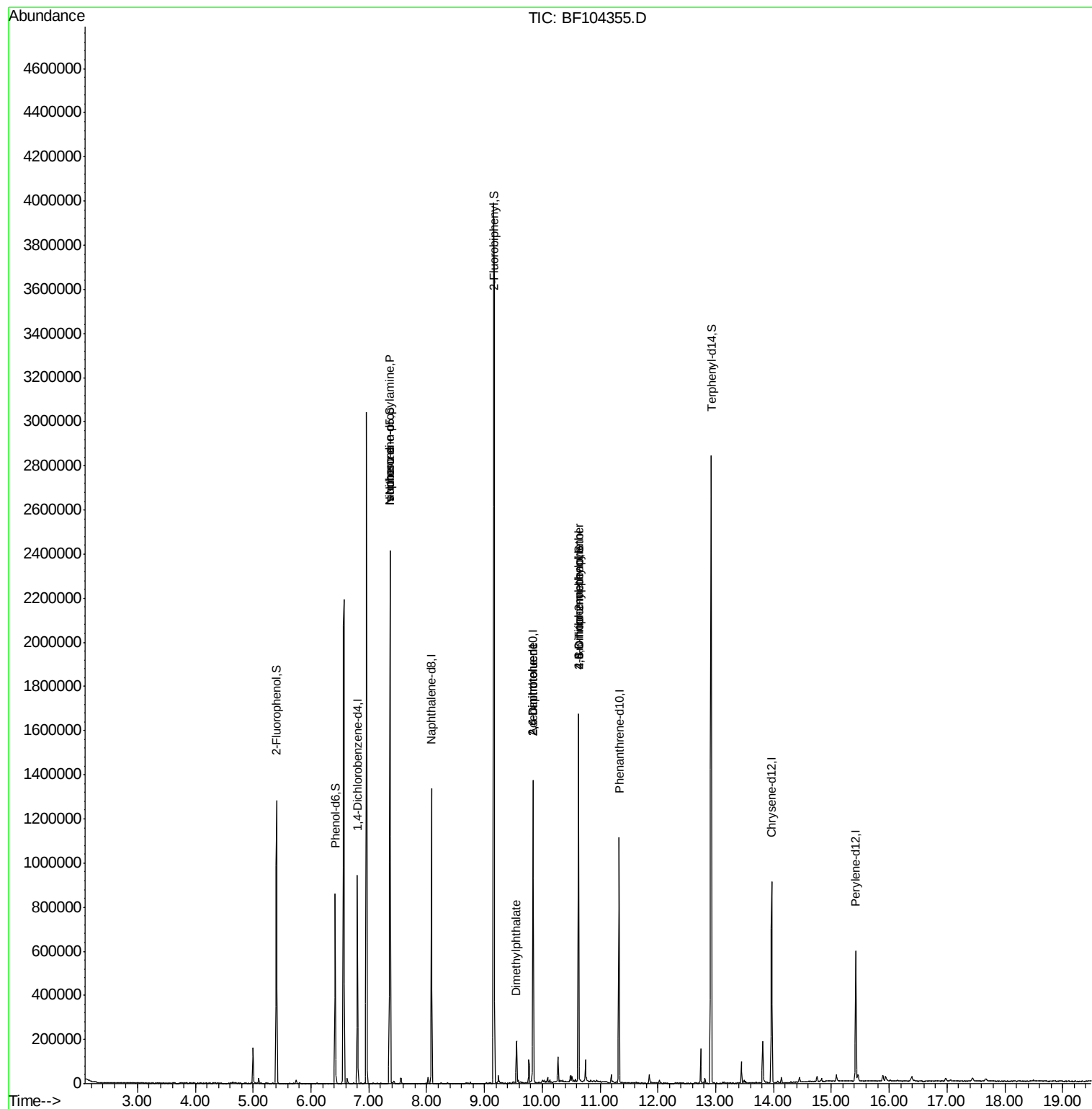
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142824	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	565123	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	242109	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	357962	20.00	ng	0.00
75) Chrysene-d12	13.97	240	285038	20.00	ng	0.00
86) Perylene-d12	15.42	264	258014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	338765	36.27	ng	0.00
7) Phenol-d6	6.42	99	250249	21.81	ng	-0.01
23) Nitrobenzene-d5	7.37	82	849837	98.20	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	186886	74.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1417452	92.49	ng	0.00
78) Terphenyl-d14	12.92	244	1025994	82.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	110895	14.787	ng	# 75
25) Isophorone	7.37	82	849415	46.413	ng	# 64
49) Dimethylphthalate	9.56	163	74597	3.907	ng	100
50) 2,6-Dinitrotoluene	9.84	165	31287	8.856	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	31287	6.752	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	258	7.472	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11414	2.998	ng	# 1
76) Benzidine	12.92	184	13401	Below Cal		97

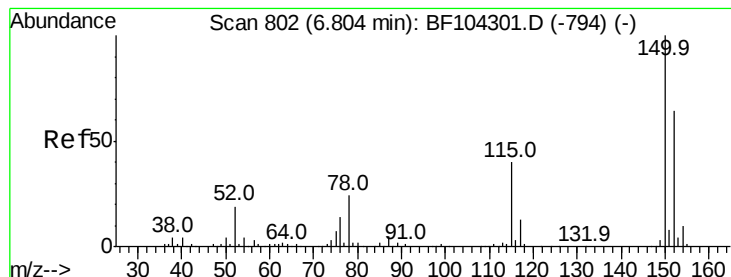
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104355.D

Acq: 7 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-B

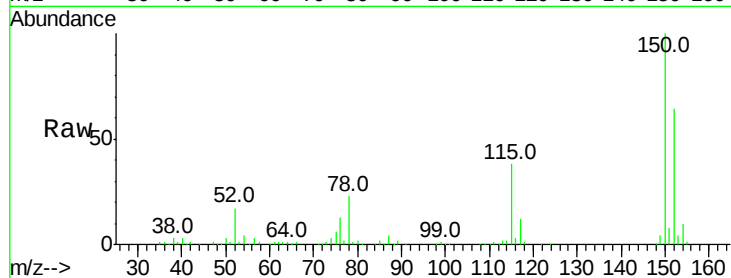
Tot Ion:152 Resp: 142824

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

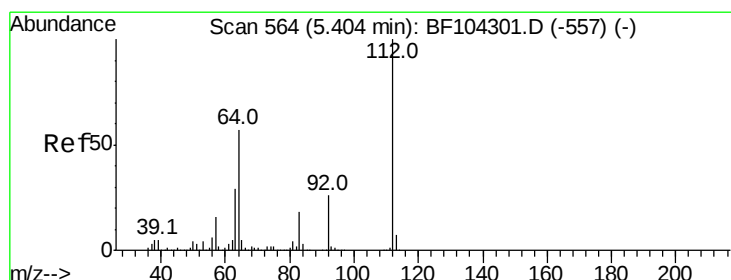
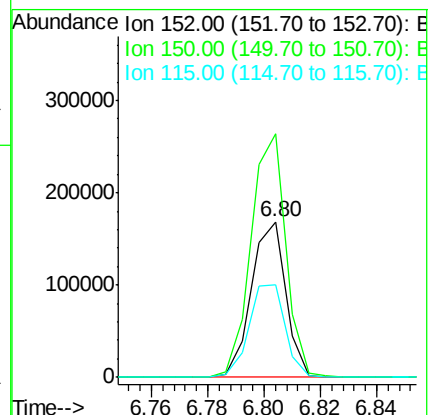
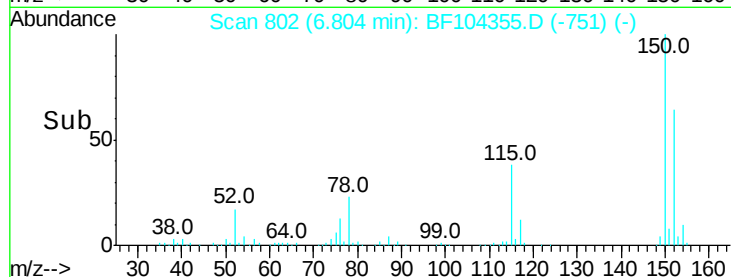
115 59.7 50.1 75.1



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: 36.268 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

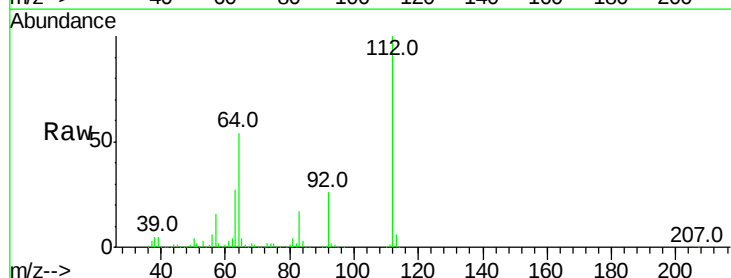
Tgt Ion:112 Resp: 338765

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

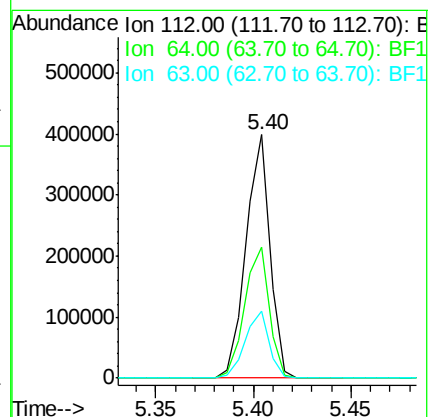
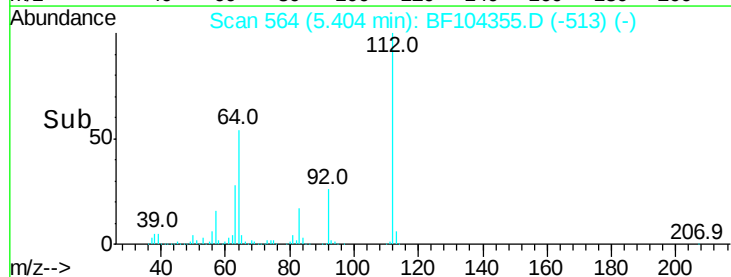
63 27.3 23.7 35.5

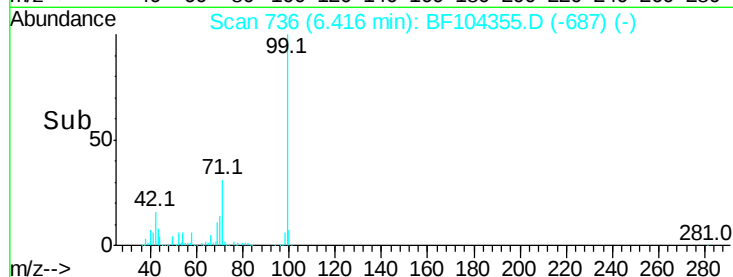
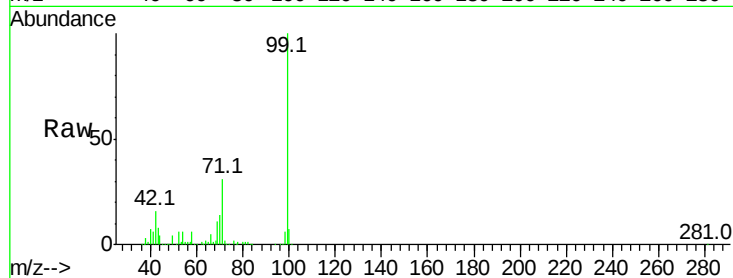
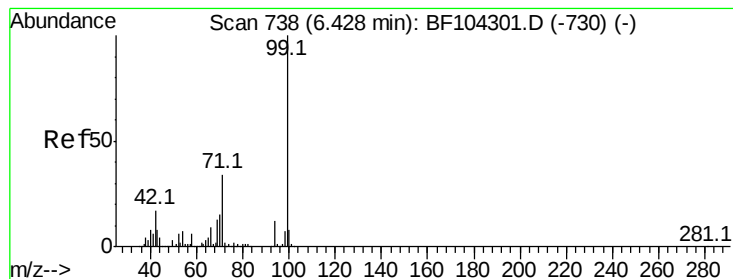


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.805 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-B

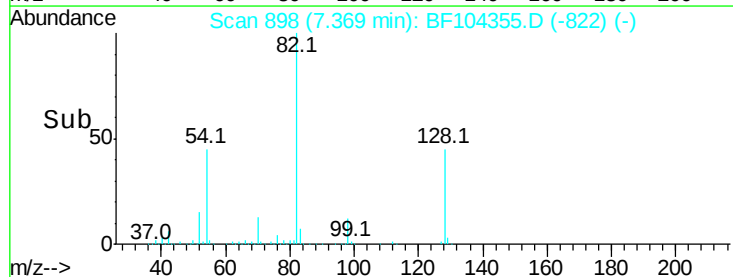
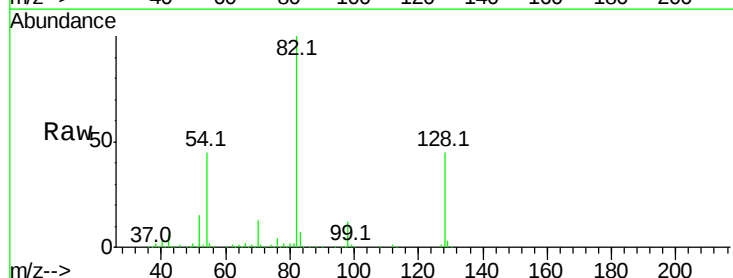
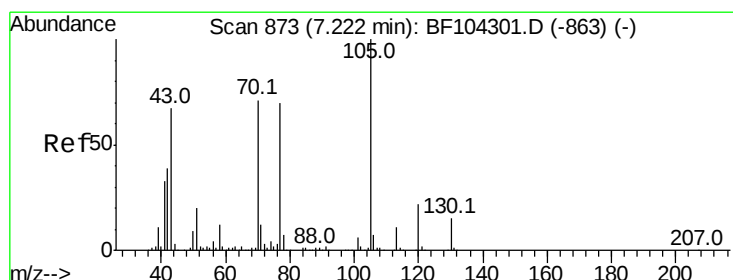
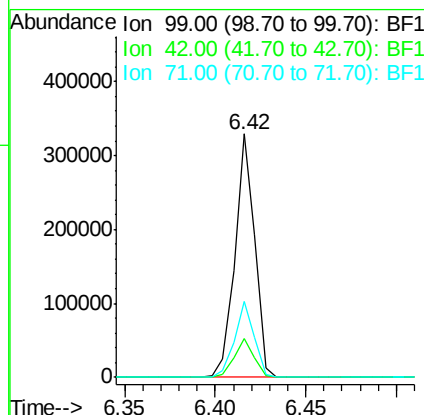
Tot Ion: 99 Resp: 250249

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.787 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

Tgt Ion: 70 Resp: 110895

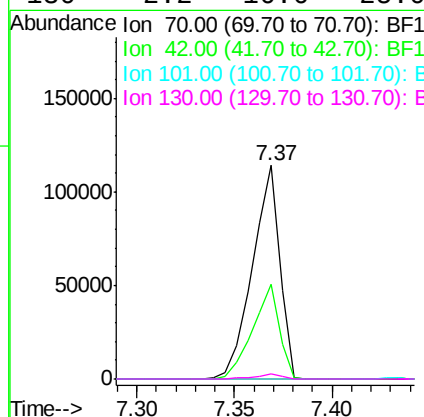
Ion Ratio Lower Upper

70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

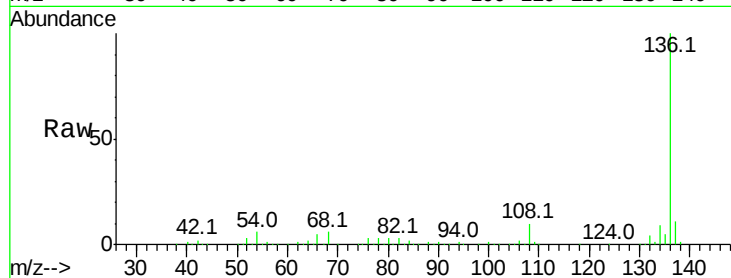




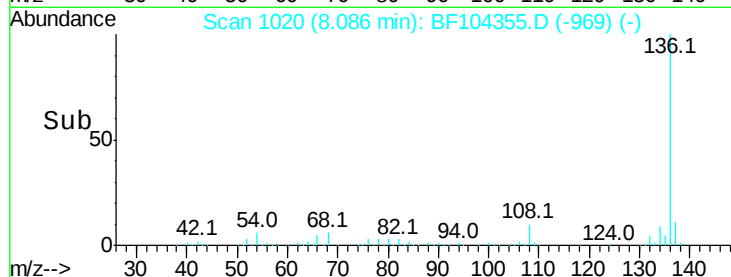
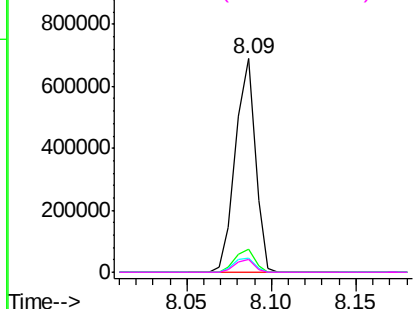
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104355.D
Acq: 7 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-U-B

Tot Ion:	136	Resp:	565123
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	6.1	5.0	7.4

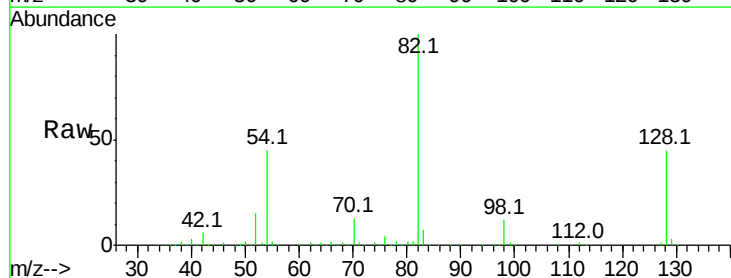


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

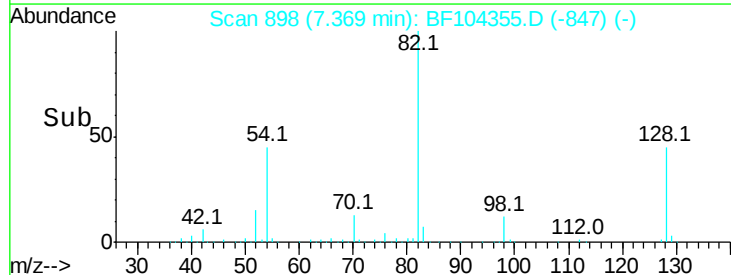
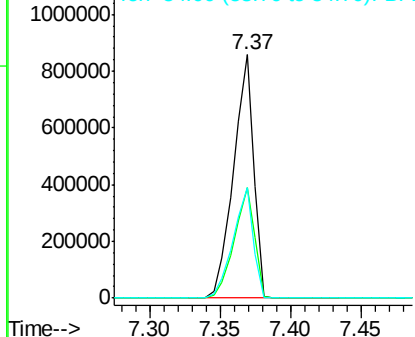


#23
Nitrobenzene-d5
Concen: 98.196 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104355.D
Acq: 7 Apr 2018 13:21

Tgt Ion:	82	Resp:	849837
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	45.3	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: 46.413 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-B

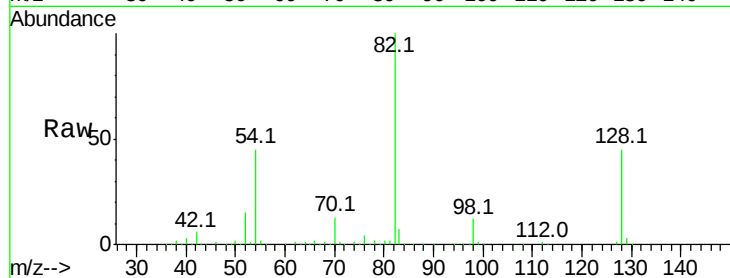
Tot Ion: 82 Resp: 849415

Ion Ratio Lower Upper

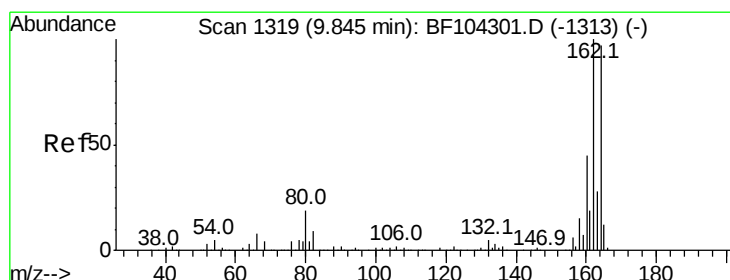
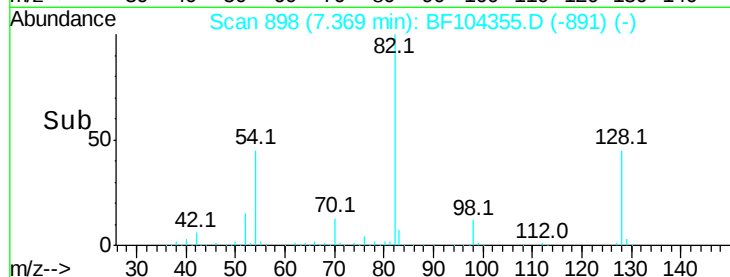
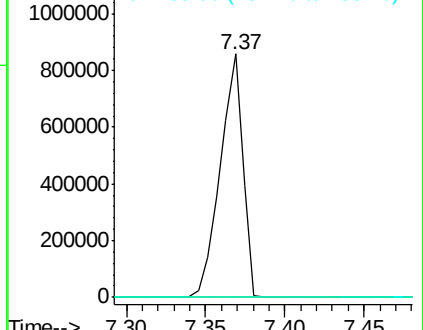
82 100

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: BF104355.D

Acq: 7 Apr 2018 13:21

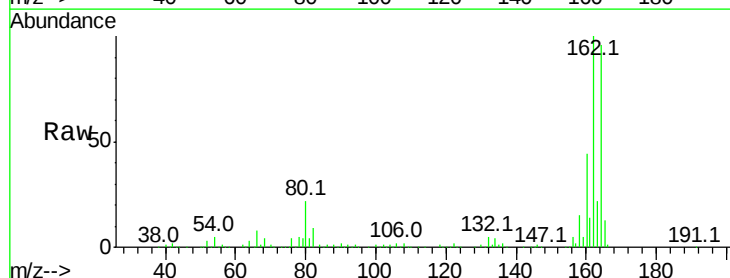
Tgt Ion:164 Resp: 242109

Ion Ratio Lower Upper

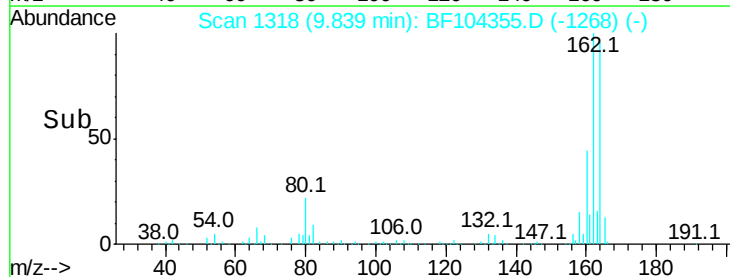
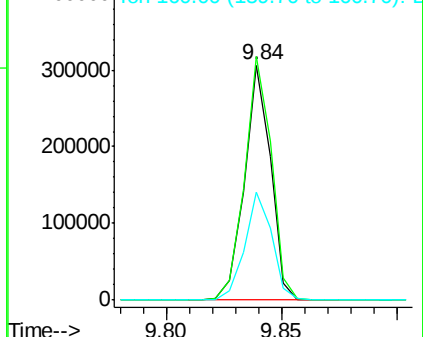
164 100

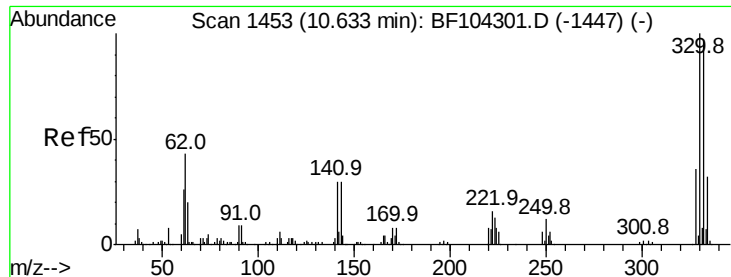
162 103.7 86.1 129.1

160 45.8 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

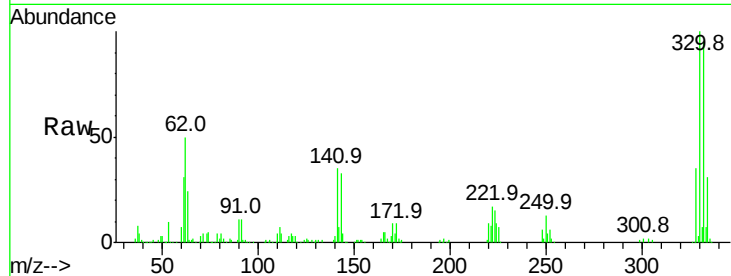




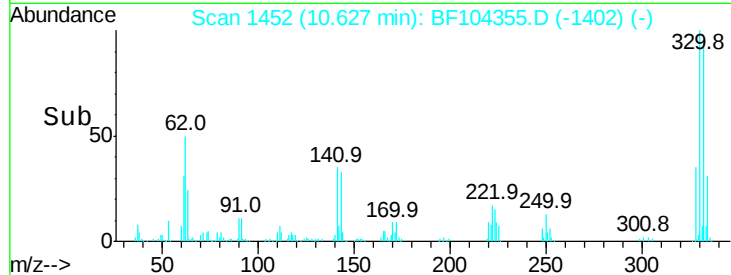
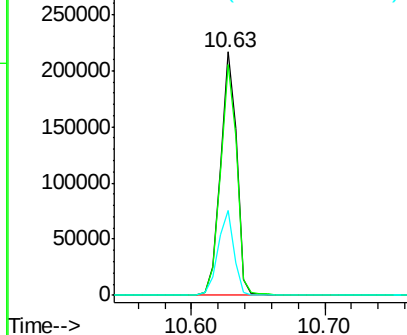
#41
 2,4,6-Tribromophenol
 Concen: 74.413 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104355.D
 Acq: 7 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 040418-DBRI-E-U-B

Tot Ion:330 Resp: 186886
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.3 29.9 44.9

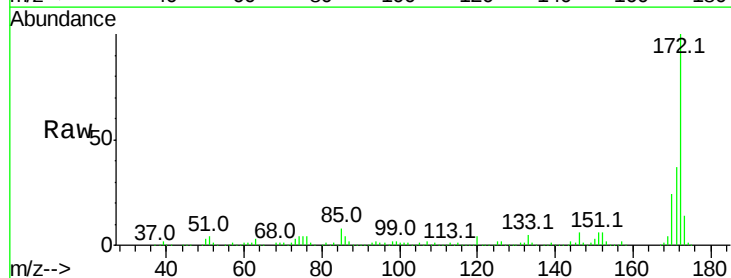


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

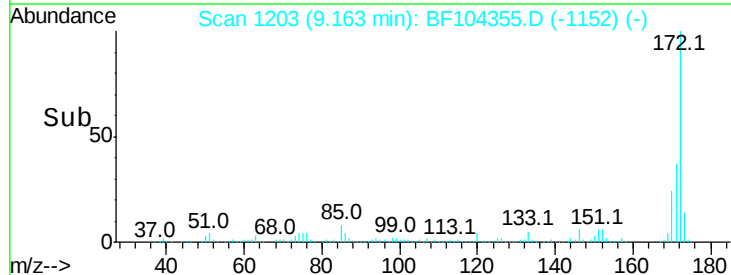
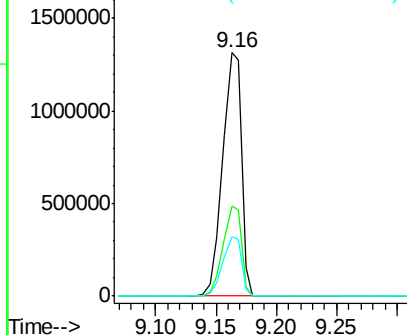


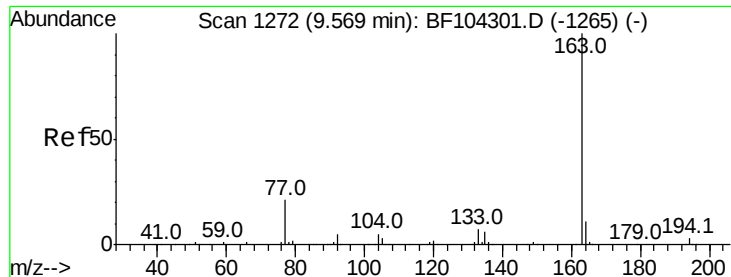
#44
 2-Fluorobiphenyl
 Concen: 92.488 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104355.D
 Acq: 7 Apr 2018 13:21

Tgt Ion:172 Resp: 1417452
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.3 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

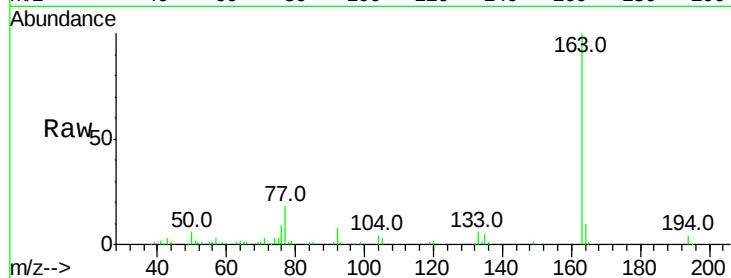




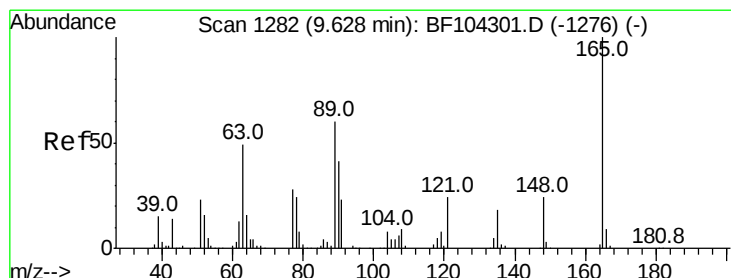
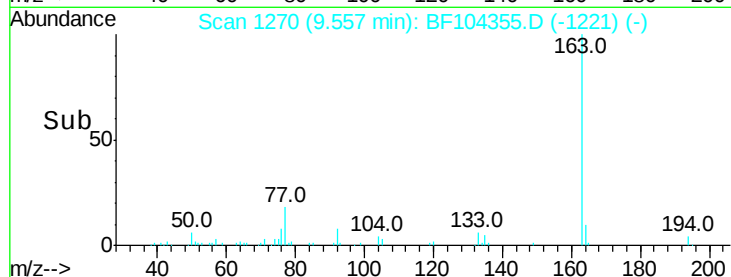
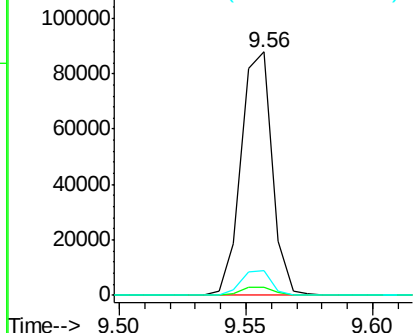
#49
Dimethylphthalate
Concen: 3.907 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104355.D
Acq: 7 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-U-B

Tot Ion:163 Resp: 74597
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

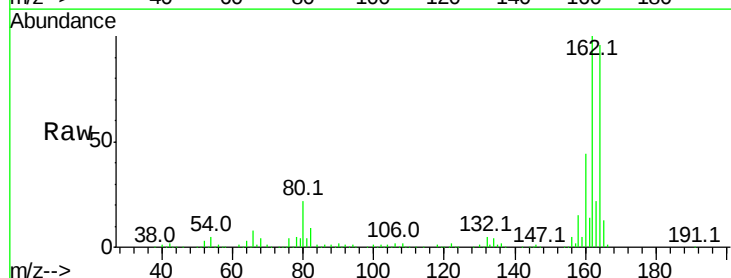


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

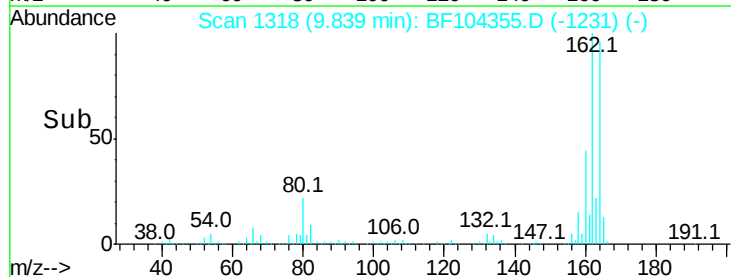
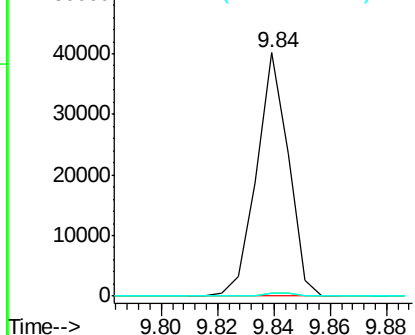


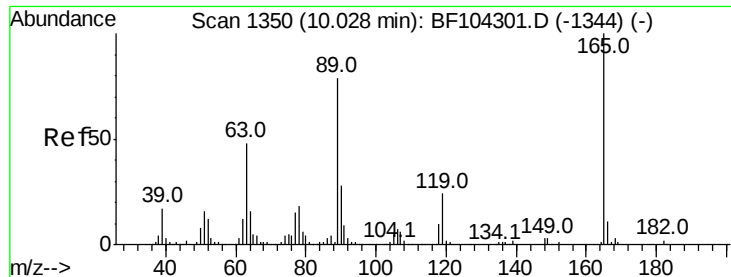
#50
2,6-Dinitrotoluene
Concen: 8.856 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104355.D
Acq: 7 Apr 2018 13:21

Tgt Ion:165 Resp: 31287
Ion Ratio Lower Upper
165 100
63 1.1 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

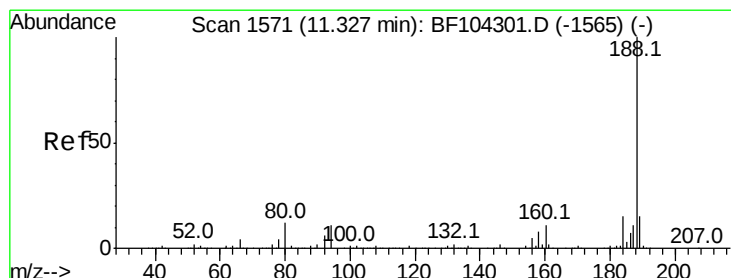
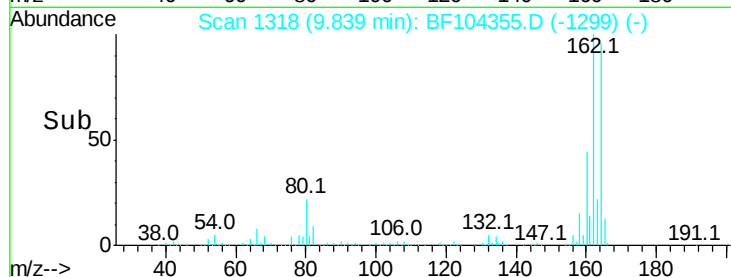
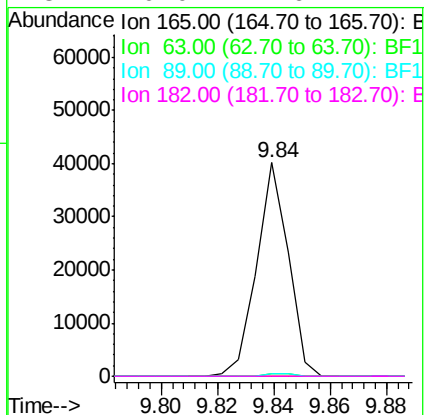
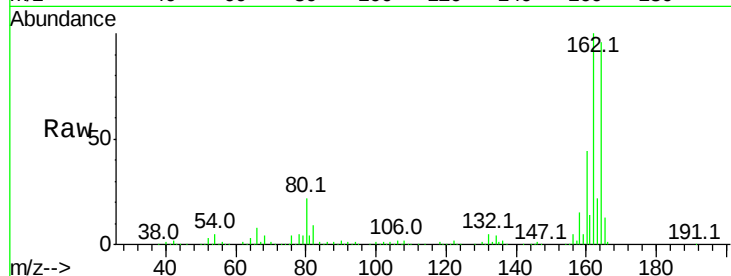




#56
 2,4-Dinitrotoluene
 Concen: 6.752 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104355.D
 Acq: 7 Apr 2018 13:21

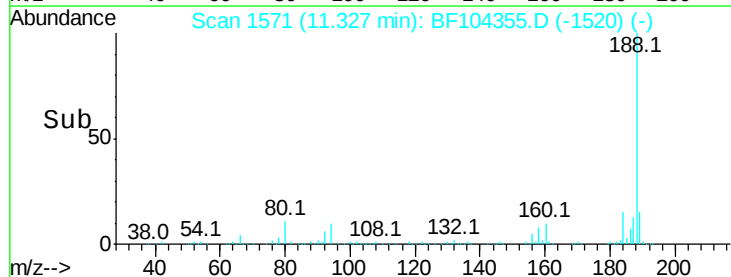
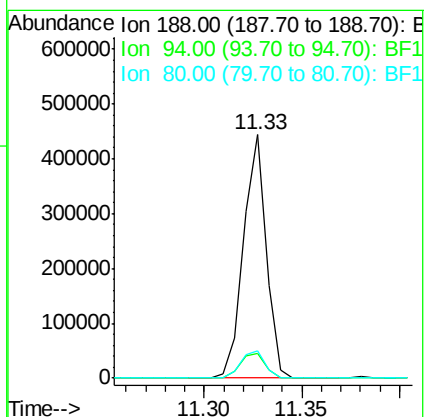
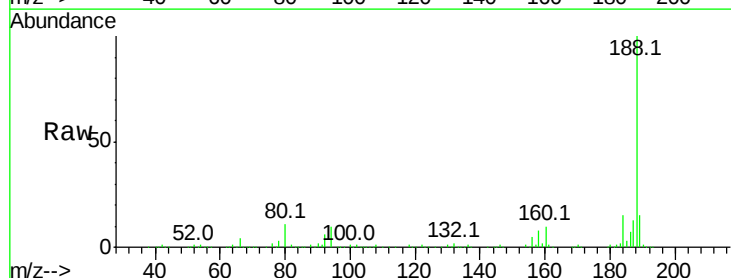
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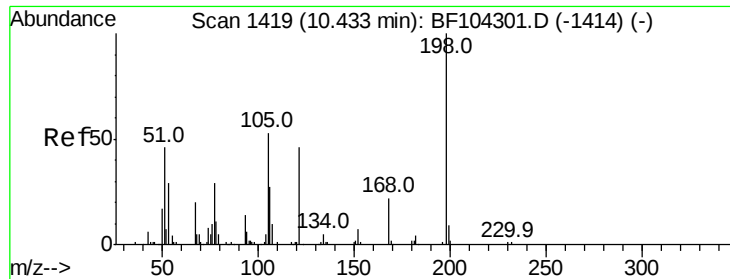
Tot Ion:165	Resp: 31287
Ion Ratio	Lower Upper
165 100	
63 1.1	36.4 54.6#
89 1.1	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104355.D
 Acq: 7 Apr 2018 13:21

Tgt	Ion:188	Resp:	357962
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.472 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-B

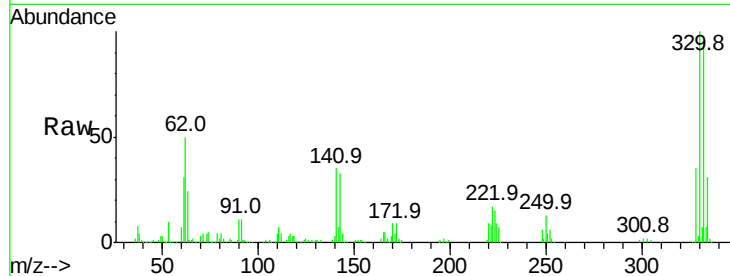
Tot Ion:198 Resp: 258

Ion Ratio Lower Upper

198 100

51 121.6 37.7 77.7#

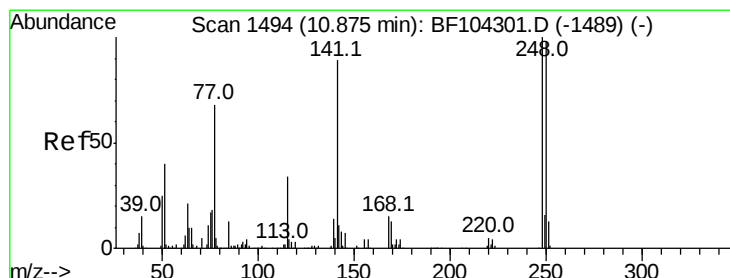
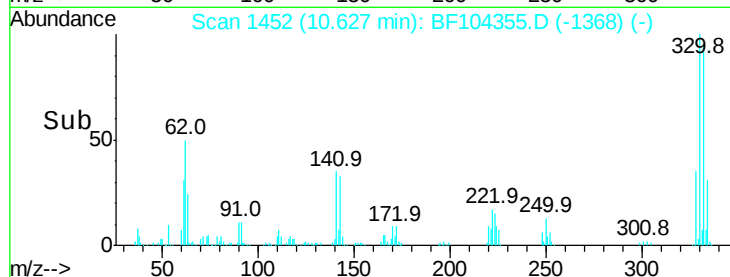
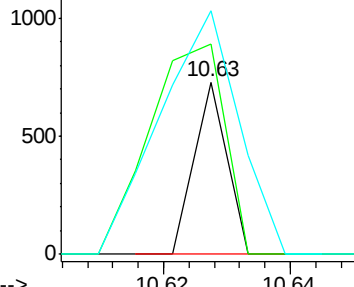
105 141.2 36.3 76.3#



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: 2.998 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

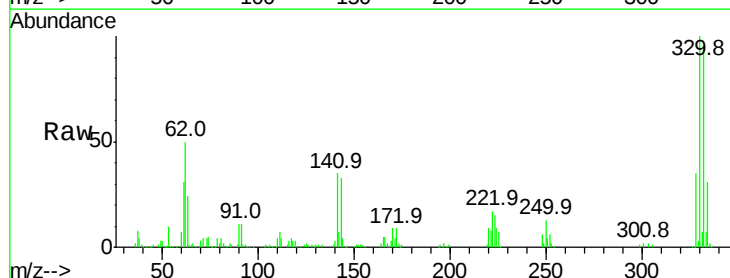
Tgt Ion:248 Resp: 11414

Ion Ratio Lower Upper

248 100

250 201.6 76.9 115.3#

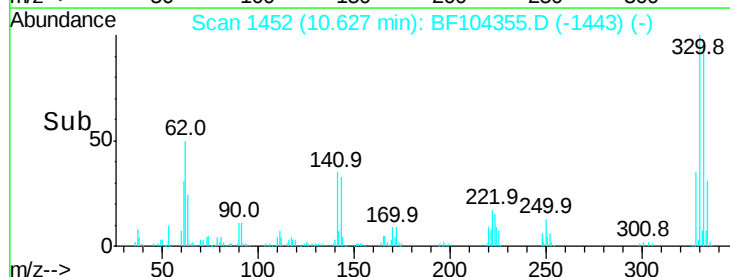
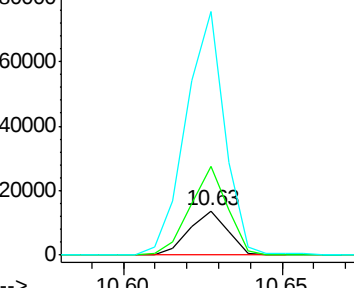
141 553.8 74.4 111.6#

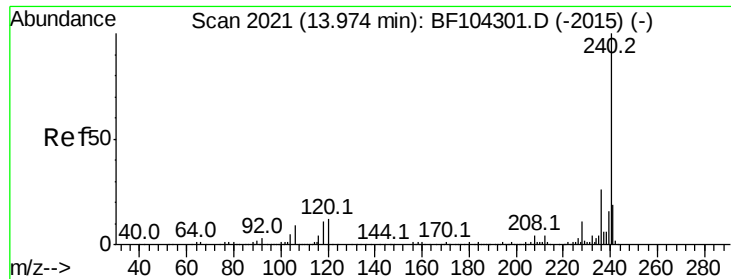


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2020

Delta R.T. -0.01 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-B

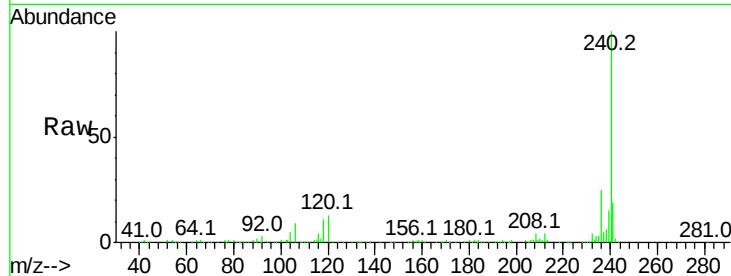
Tot Ion:240 Resp: 285038

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

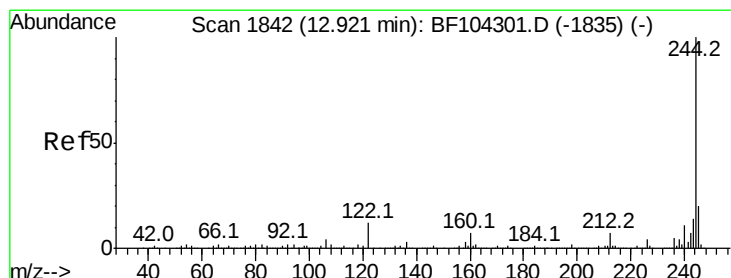
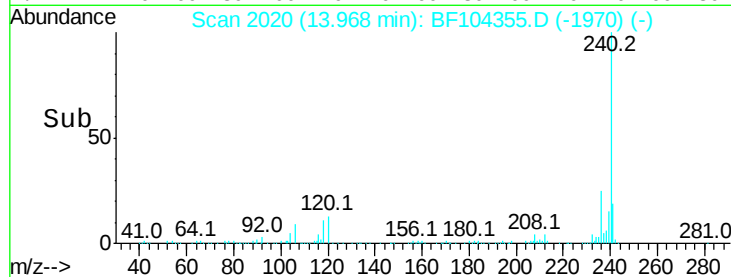
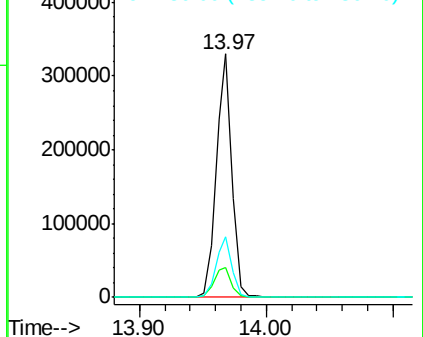
236 25.1 20.7 31.1



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: 82.062 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104355.D

Acq: 7 Apr 2018 13:21

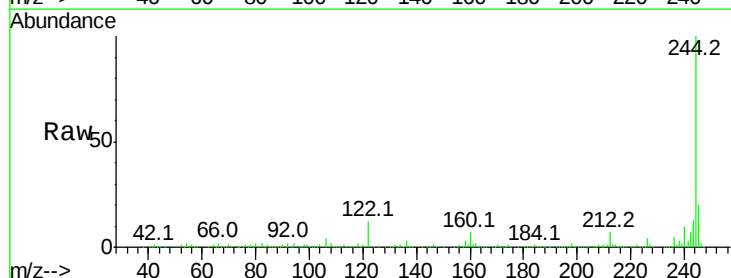
Tgt Ion:244 Resp: 1025994

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

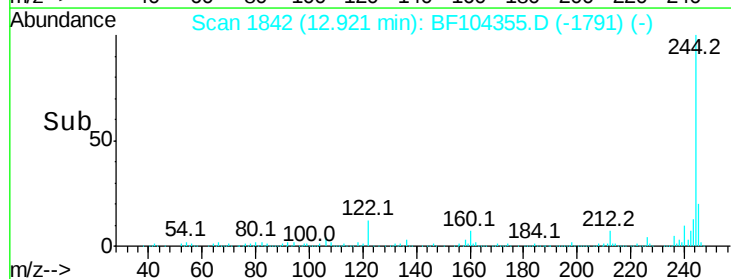
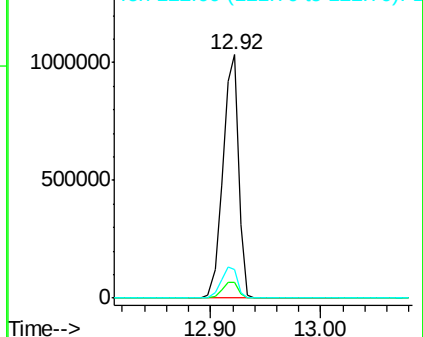
122 11.9 11.0 16.4

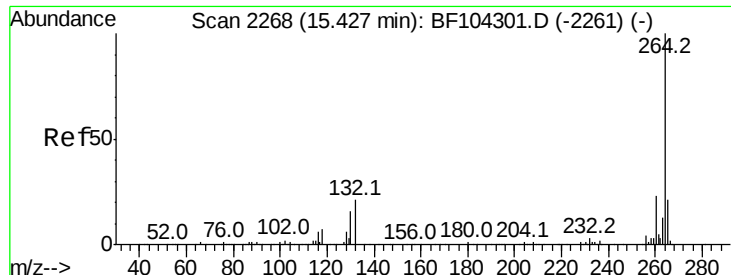


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104355.D
Acq: 7 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-U-B

Tot Ion:264 Resp: 258014
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 20.8 17.5 26.3

