

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104353.D
 Acq On : 7 Apr 2018 12:29
 Operator : JU/SJ
 Sample : J2255-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 00:50:31 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

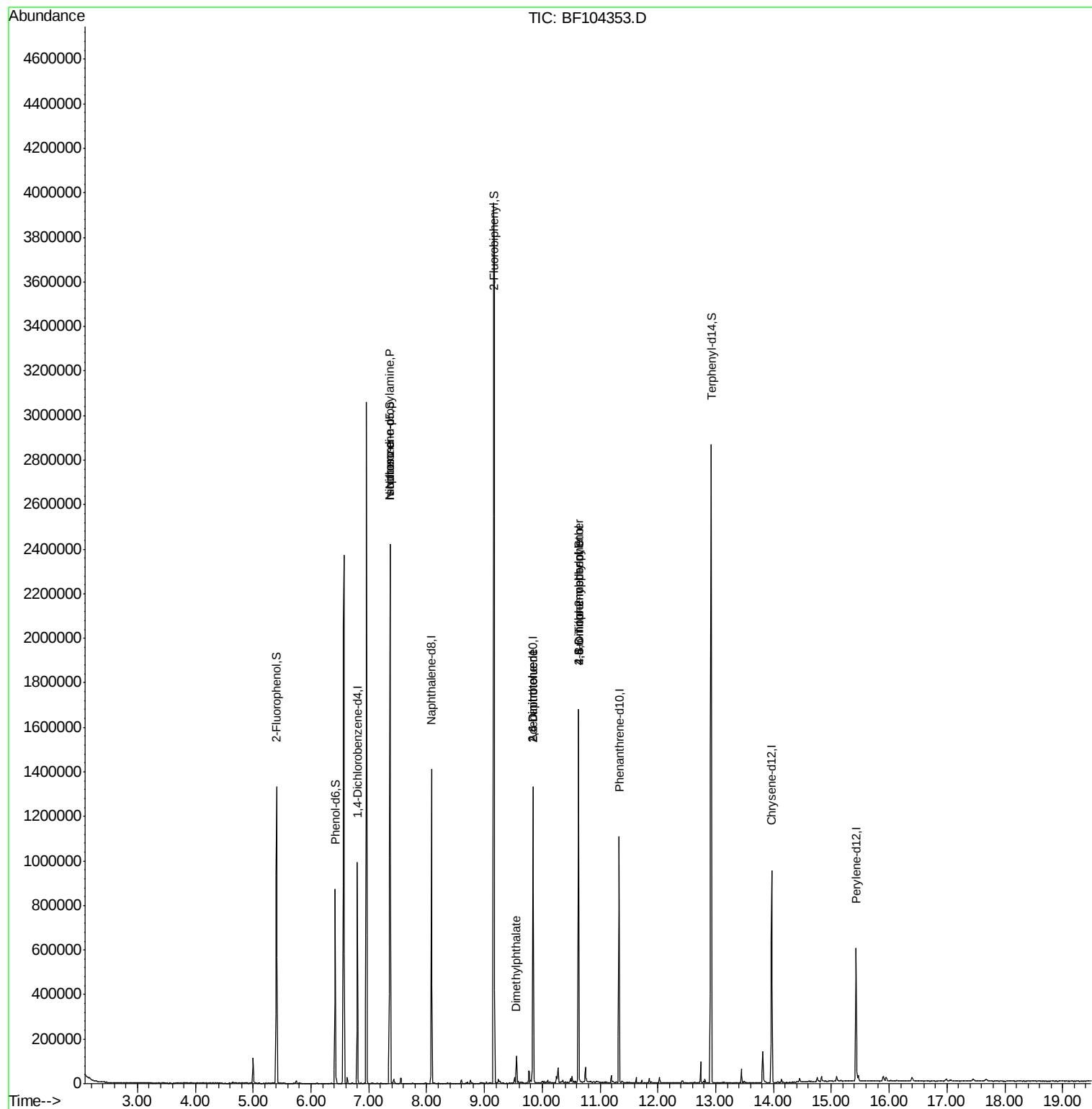
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145751	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	570229	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247731	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	361461	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287841	20.00	ng	0.00
86) Perylene-d12	15.43	264	262404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	348357	36.55	ng	0.00
7) Phenol-d6	6.42	99	254011	21.69	ng	-0.01
23) Nitrobenzene-d5	7.37	82	857437	98.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	189771	73.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1436408	91.60	ng	0.00
78) Terphenyl-d14	12.92	244	1019593	80.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	112552	14.707	ng	# 73
25) Isophorone	7.37	82	856859	46.401	ng	# 64
49) Dimethylphthalate	9.56	163	48430	2.479	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	31828	8.805	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	31828	6.712	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	297	7.490	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11232	2.921	ng	# 1
76) Benzidine	12.92	184	13029	Below Cal		# 94

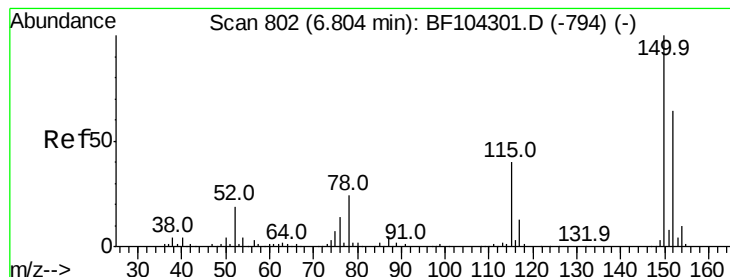
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104353.D
Acq On : 7 Apr 2018 12:29
Operator : JU/SJ
Sample : J2255-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 09 00:50:31 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



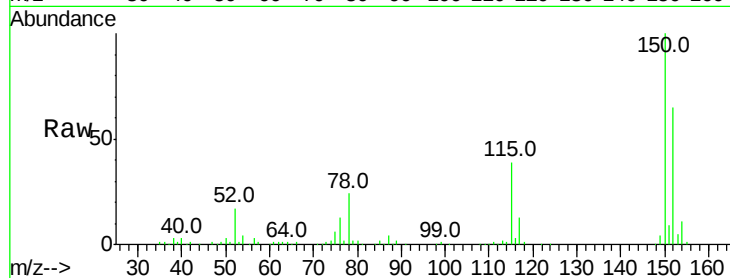


#1

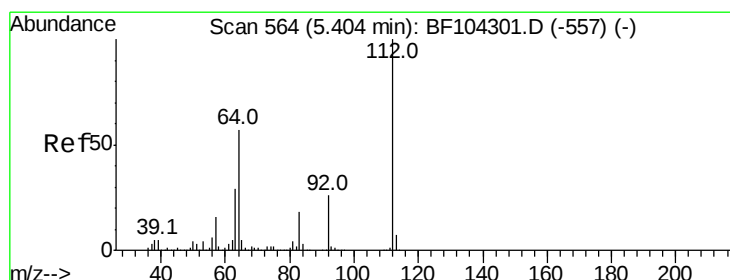
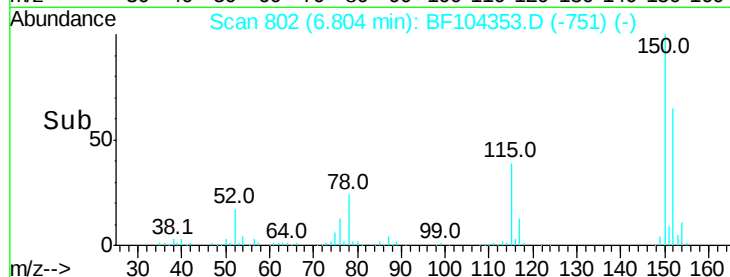
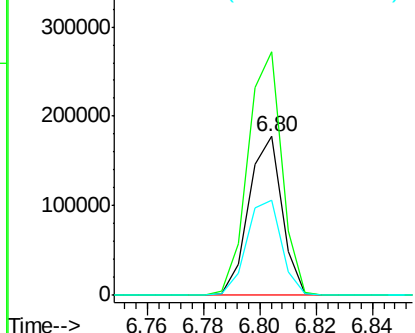
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104353.D
Acq: 7 Apr 2018 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145751
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 59.8 50.1 75.1



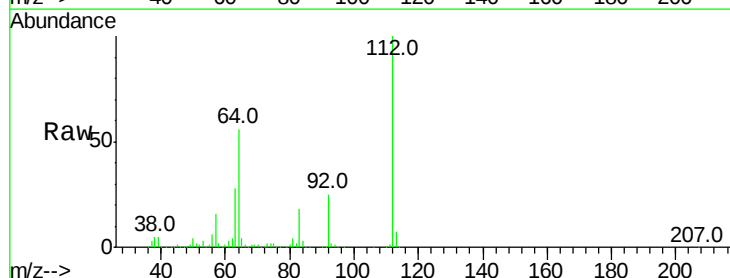
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



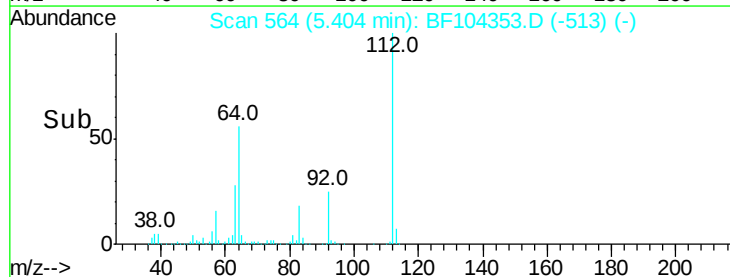
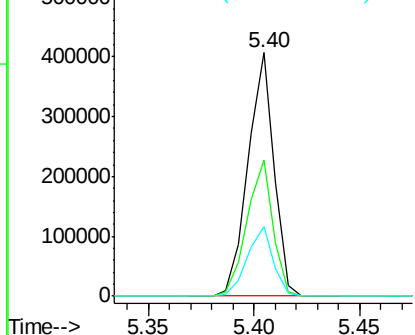
#5

2-Fluorophenol
Concen: 36.546 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104353.D
Acq: 7 Apr 2018 12:29

Tgt Ion:112 Resp: 348357
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.4 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: 21.688 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

Instrument :

BNA_F

ClientSampleId :

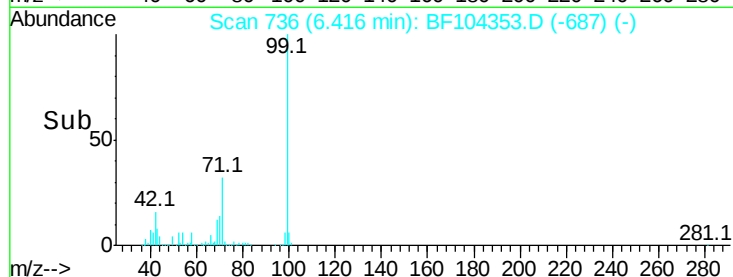
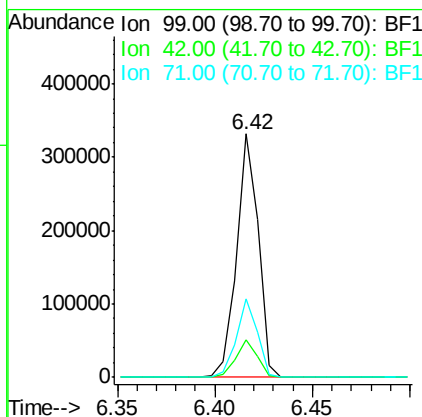
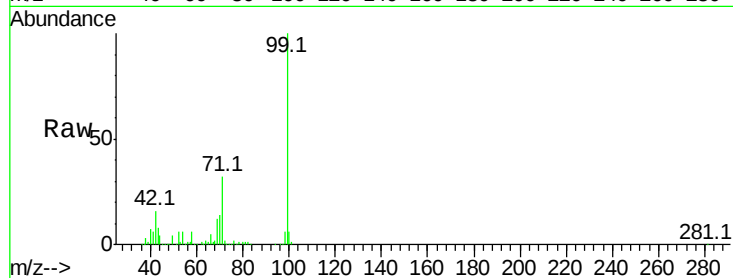
Tot Ion: 99 Resp: 254011

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.707 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

Tgt Ion: 70 Resp: 112552

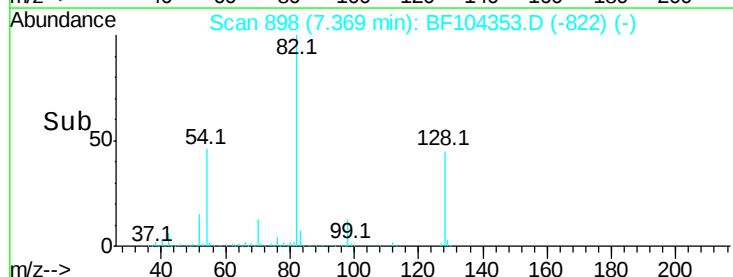
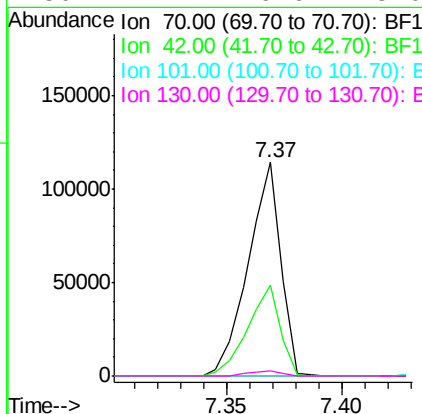
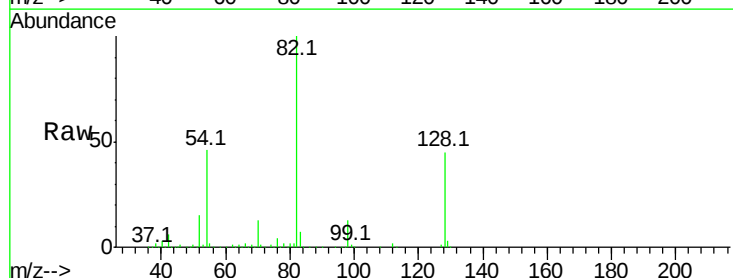
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

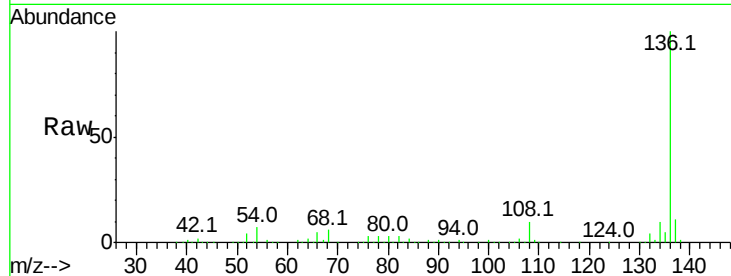




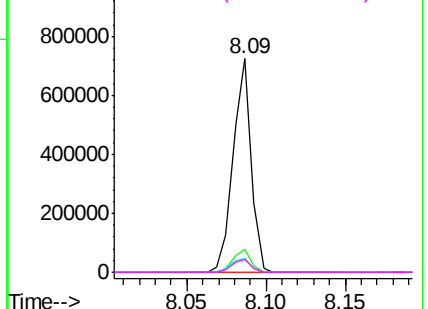
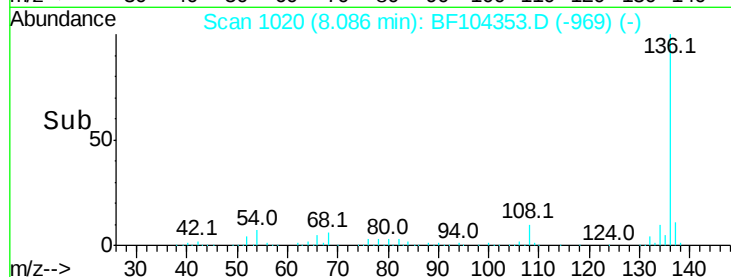
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104353.D
Acq: 7 Apr 2018 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	570229
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

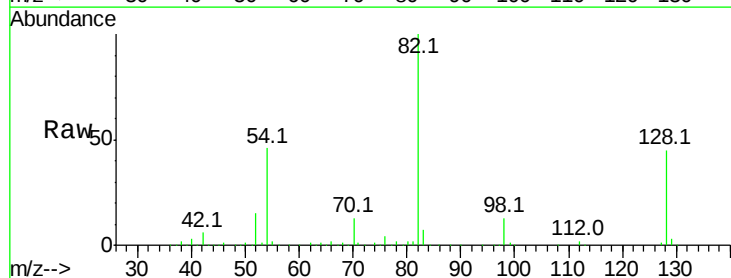


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

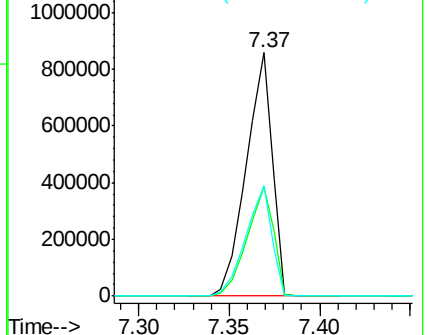
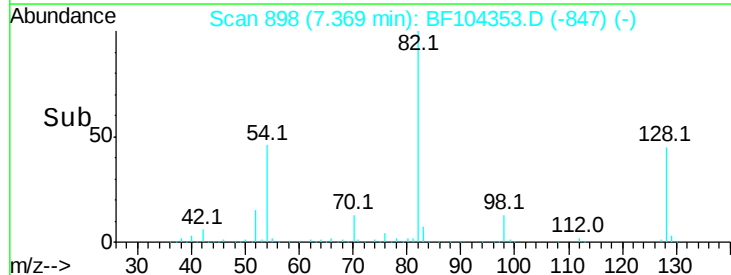


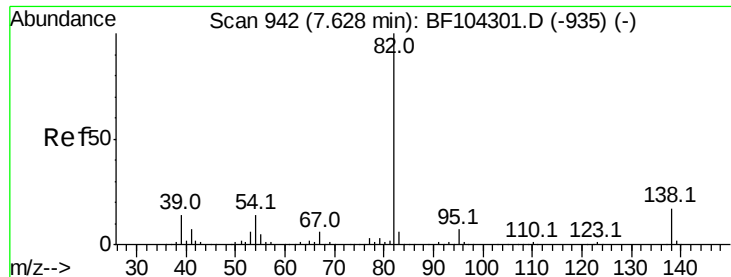
#23
Nitrobenzene-d5
Concen: 98.187 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104353.D
Acq: 7 Apr 2018 12:29

Tgt Ion:	82	Resp:	857437
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.6	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: 46.401 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

Instrument :

BNA_F

ClientSampleId :

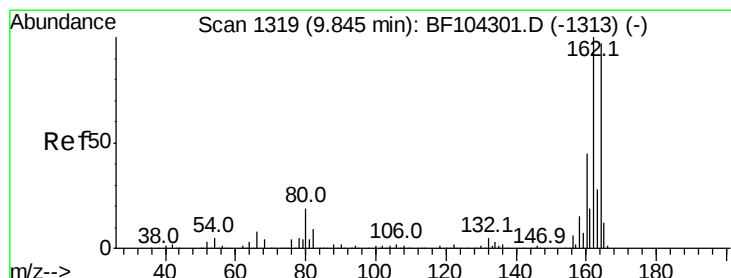
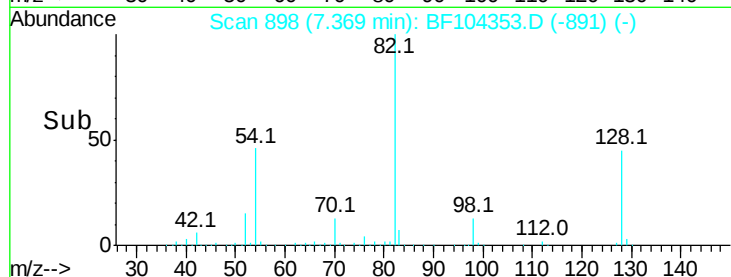
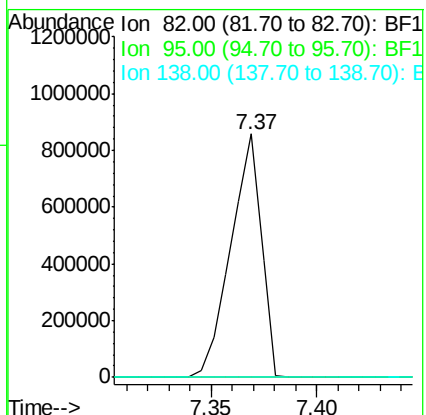
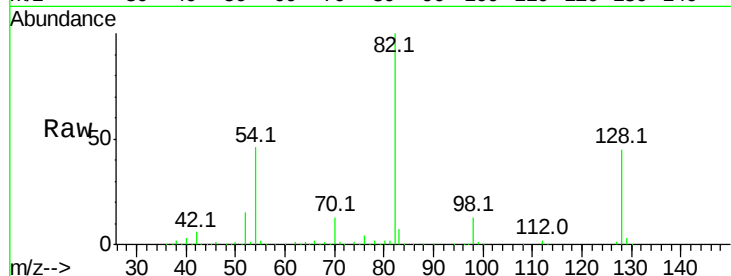
Tot Ion: 82 Resp: 856859

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

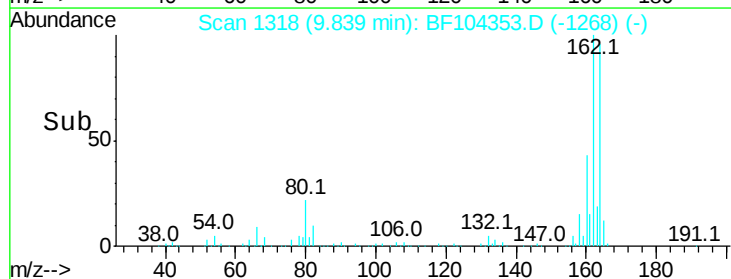
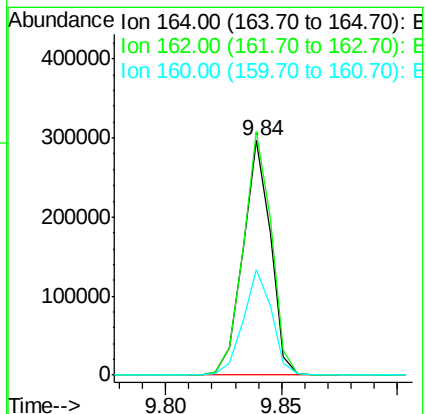
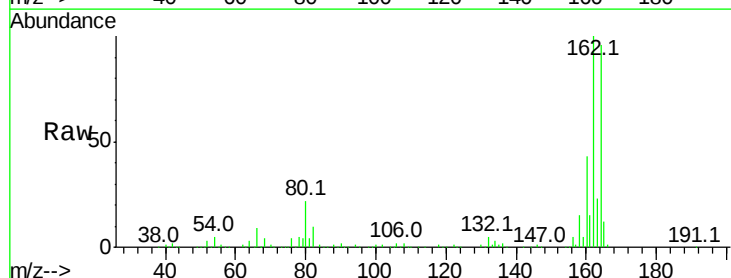
Tgt Ion:164 Resp: 247731

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

160 44.9 38.3 57.5

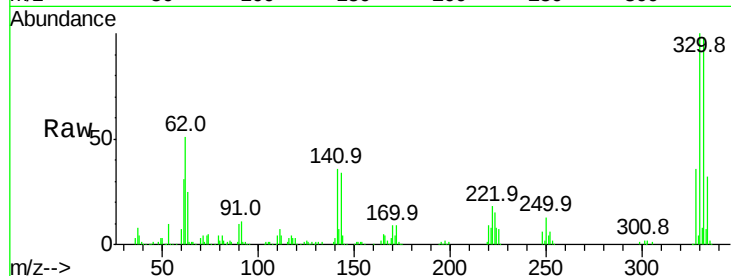




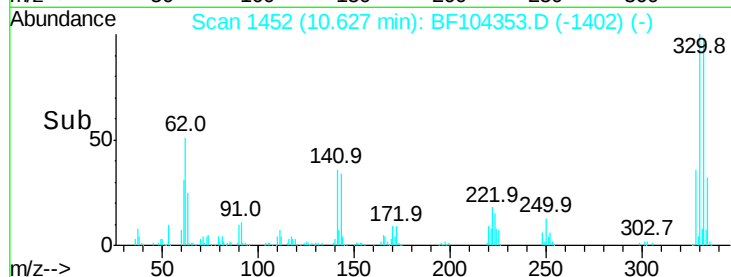
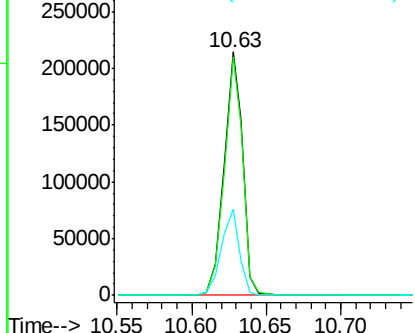
#41
 2,4,6-Tribromophenol
 Concen: 73.847 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104353.D
 Acq: 7 Apr 2018 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.7	29.9	44.9

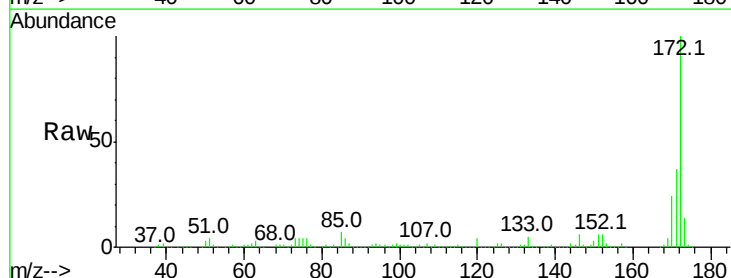


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

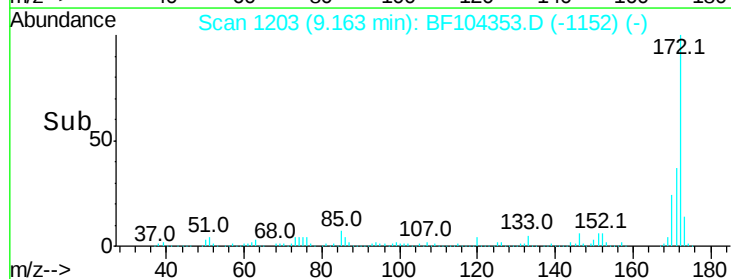
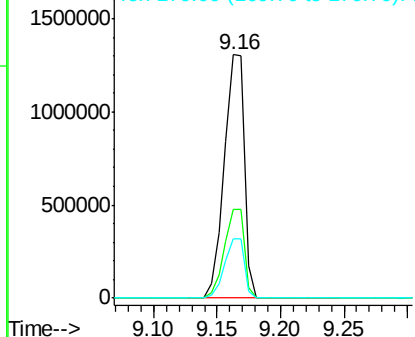


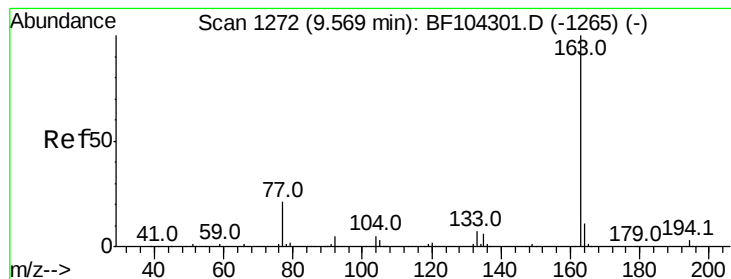
#44
 2-Fluorobiphenyl
 Concen: 91.598 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104353.D
 Acq: 7 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	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





#49

Dimethylphthalate

Concen: 2.479 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

Instrument :

BNA_F

ClientSampleId :

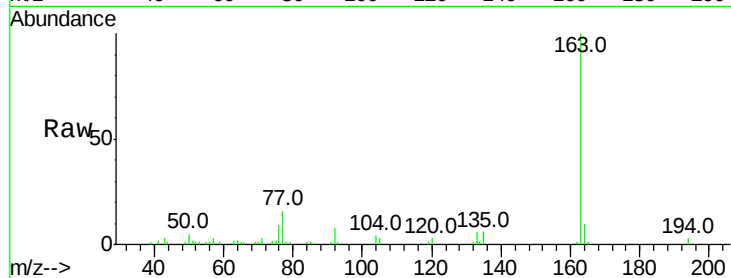
Tot Ion:163 Resp: 48430

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

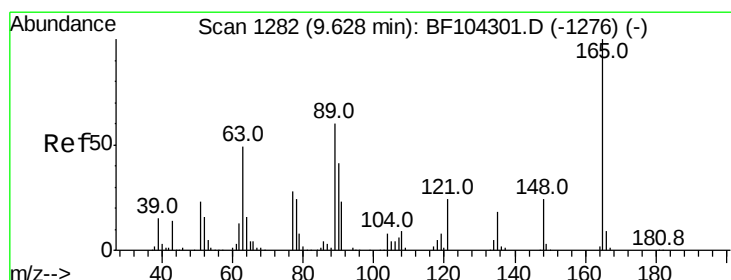
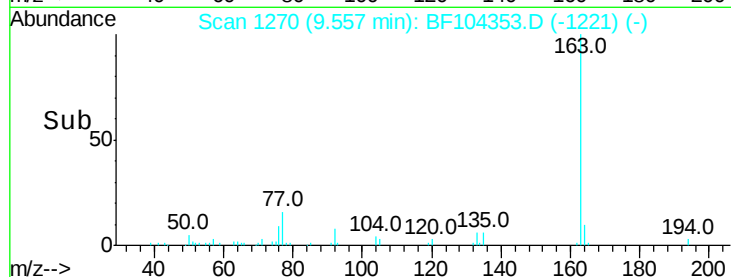
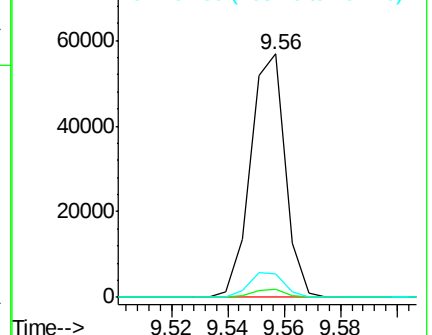
164 9.6 8.2 12.2



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: 8.805 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

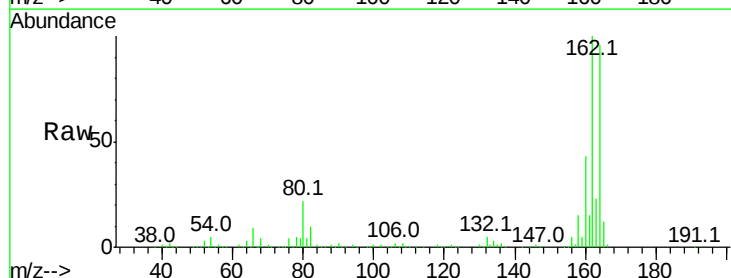
Tgt Ion:165 Resp: 31828

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

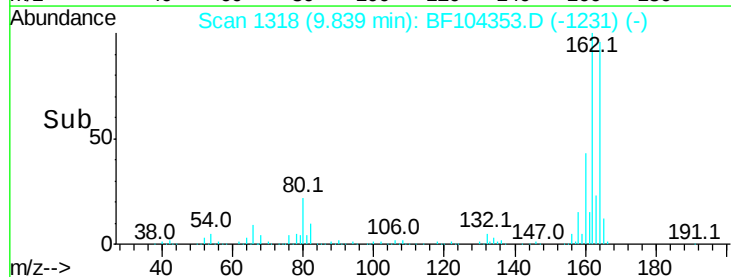
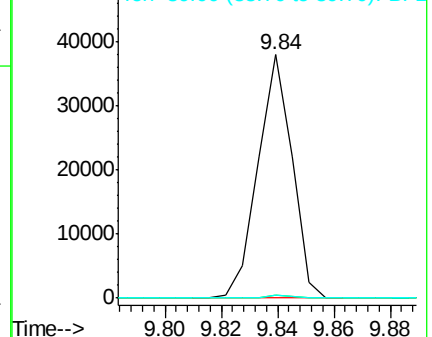
89 1.5 44.0 66.0#

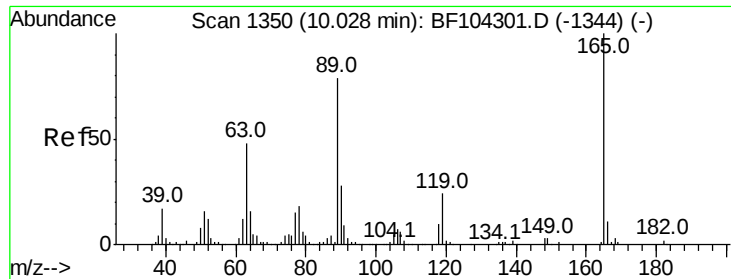


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

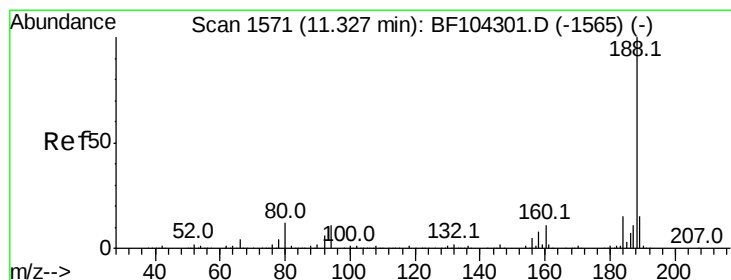
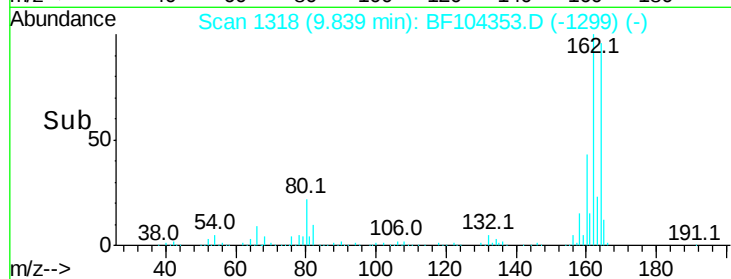
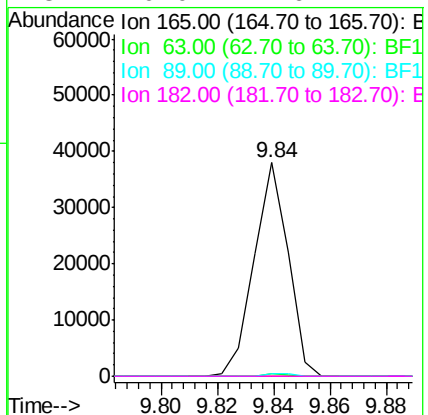
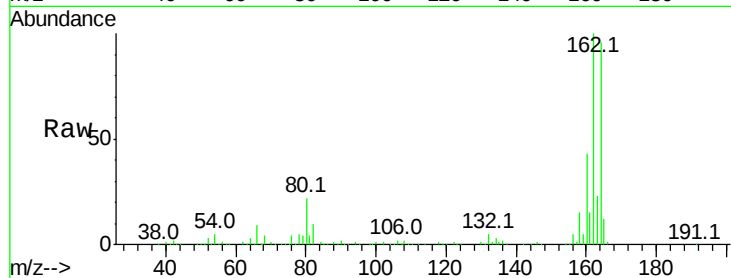




#56
 2,4-Dinitrotoluene
 Concen: 6.712 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104353.D
 Acq: 7 Apr 2018 12:29

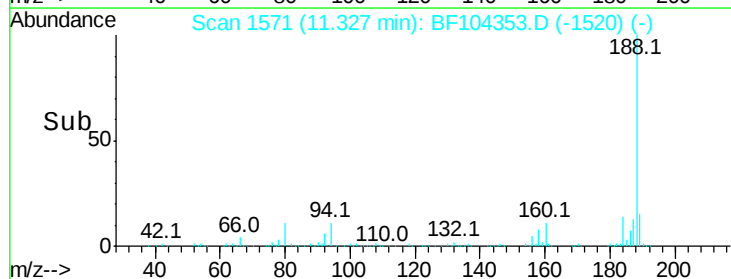
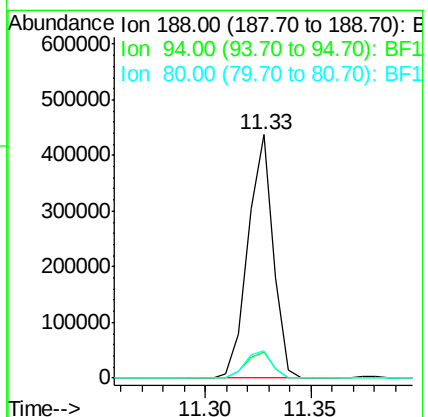
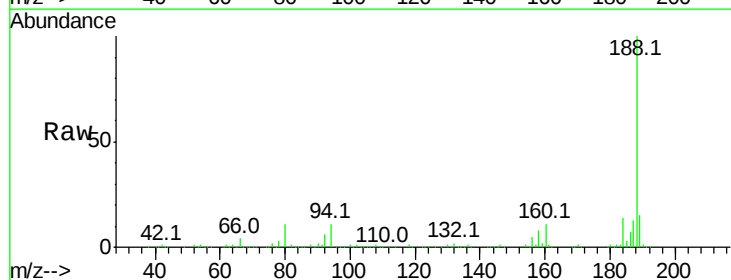
Instrument :
 BNA_F
 ClientSampleId :

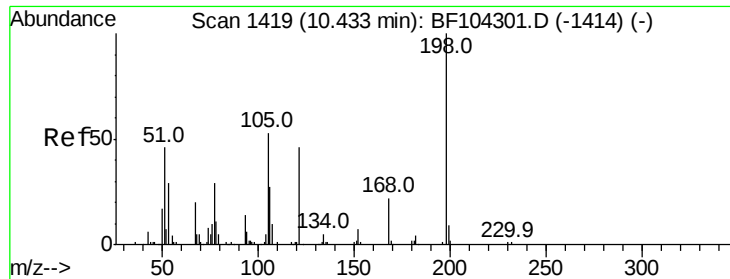
Tot Ion:	165	Resp:	31828
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF104353.D
 Acq: 7 Apr 2018 12:29

Tgt Ion:	188	Resp:	361461
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.1	9.2	13.8

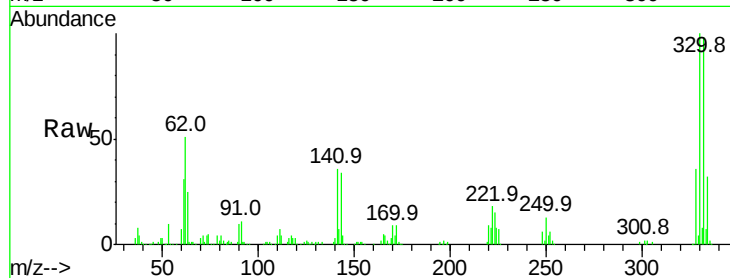




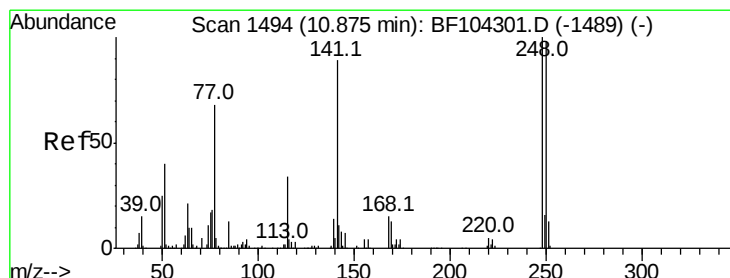
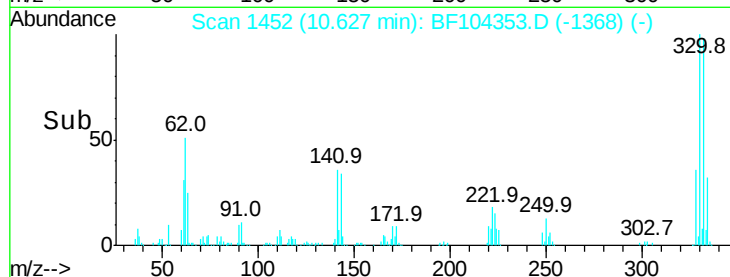
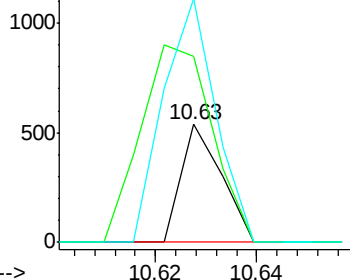
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.490 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF104353.D
 Acq: 7 Apr 2018 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 297
 Ion Ratio Lower Upper
 198 100
 51 158.2 37.7 77.7#
 105 206.5 36.3 76.3#

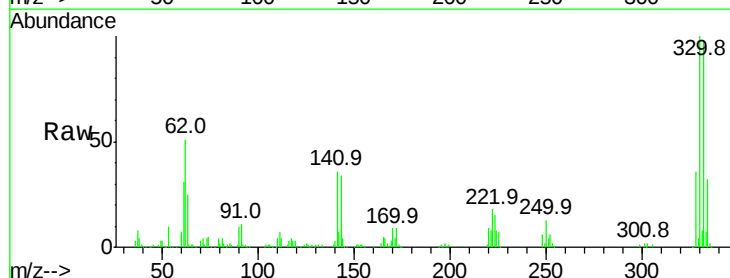


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

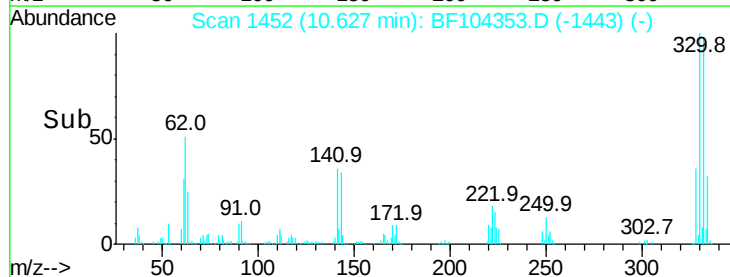
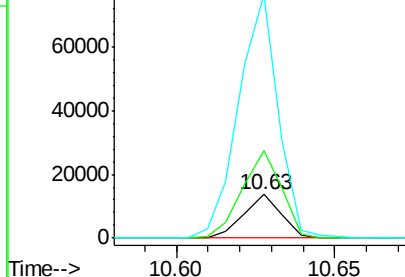


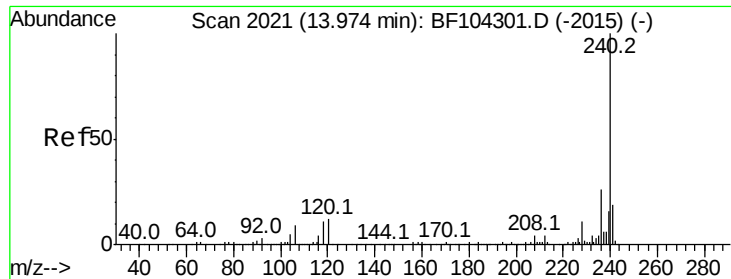
#66
 4-Bromophenyl-phenylether
 Concen: 2.921 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104353.D
 Acq: 7 Apr 2018 12:29

Tgt Ion:248 Resp: 11232
 Ion Ratio Lower Upper
 248 100
 250 201.8 76.9 115.3#
 141 560.0 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: BF104353.D

Acq: 7 Apr 2018 12:29

Instrument :

BNA_F

ClientSampleId :

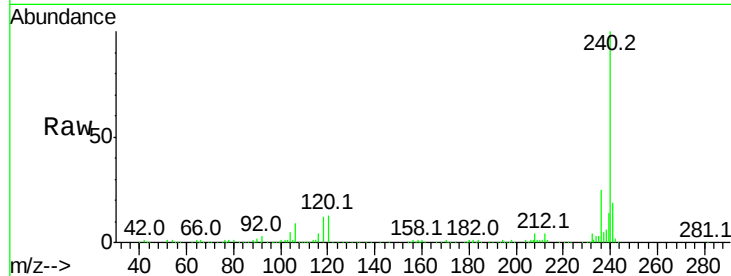
Tot Ion:240 Resp: 287841

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

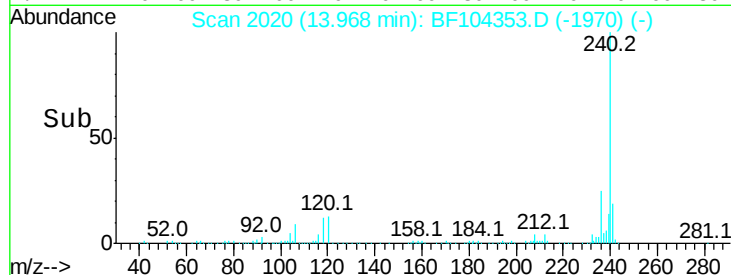
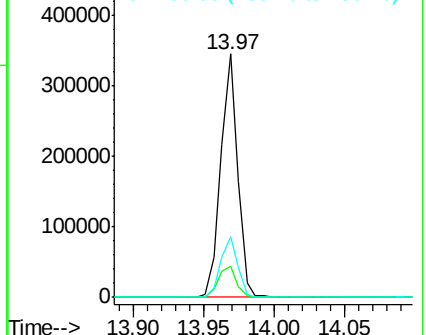
236 25.1 20.7 31.1



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: 80.756 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104353.D

Acq: 7 Apr 2018 12:29

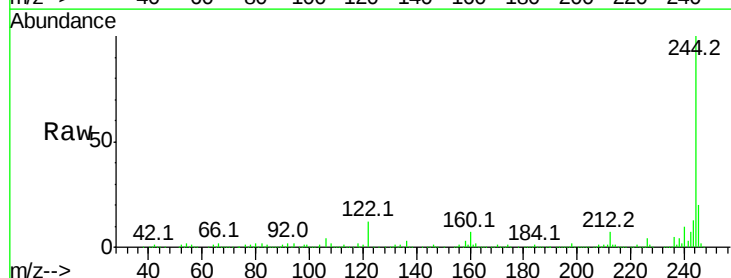
Tgt Ion:244 Resp: 1019593

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

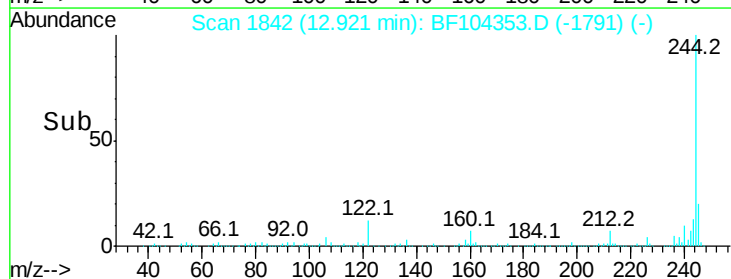
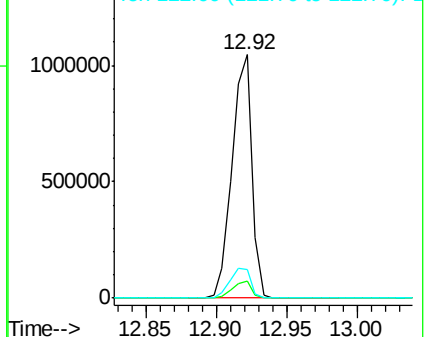
122 11.7 11.0 16.4

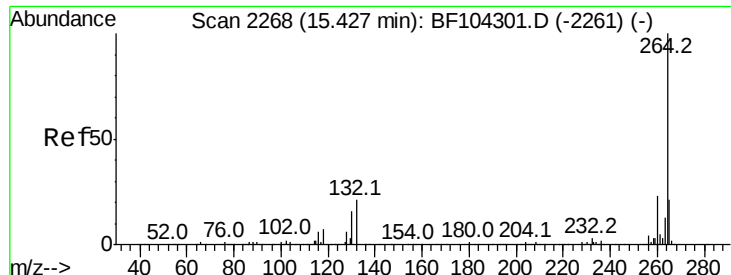


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

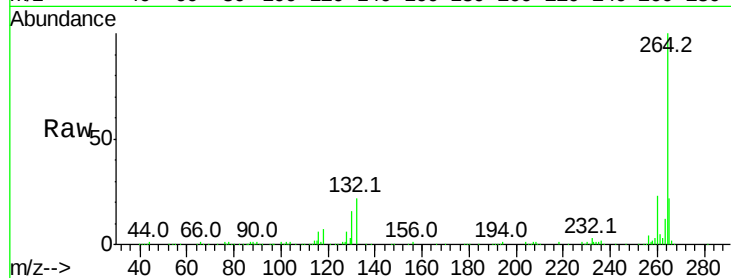




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF104353.D
Acq: 7 Apr 2018 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

