

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104512.D
 Acq On : 14 Apr 2018 8:25
 Operator : JU/SJ
 Sample : J2368-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 00:41:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

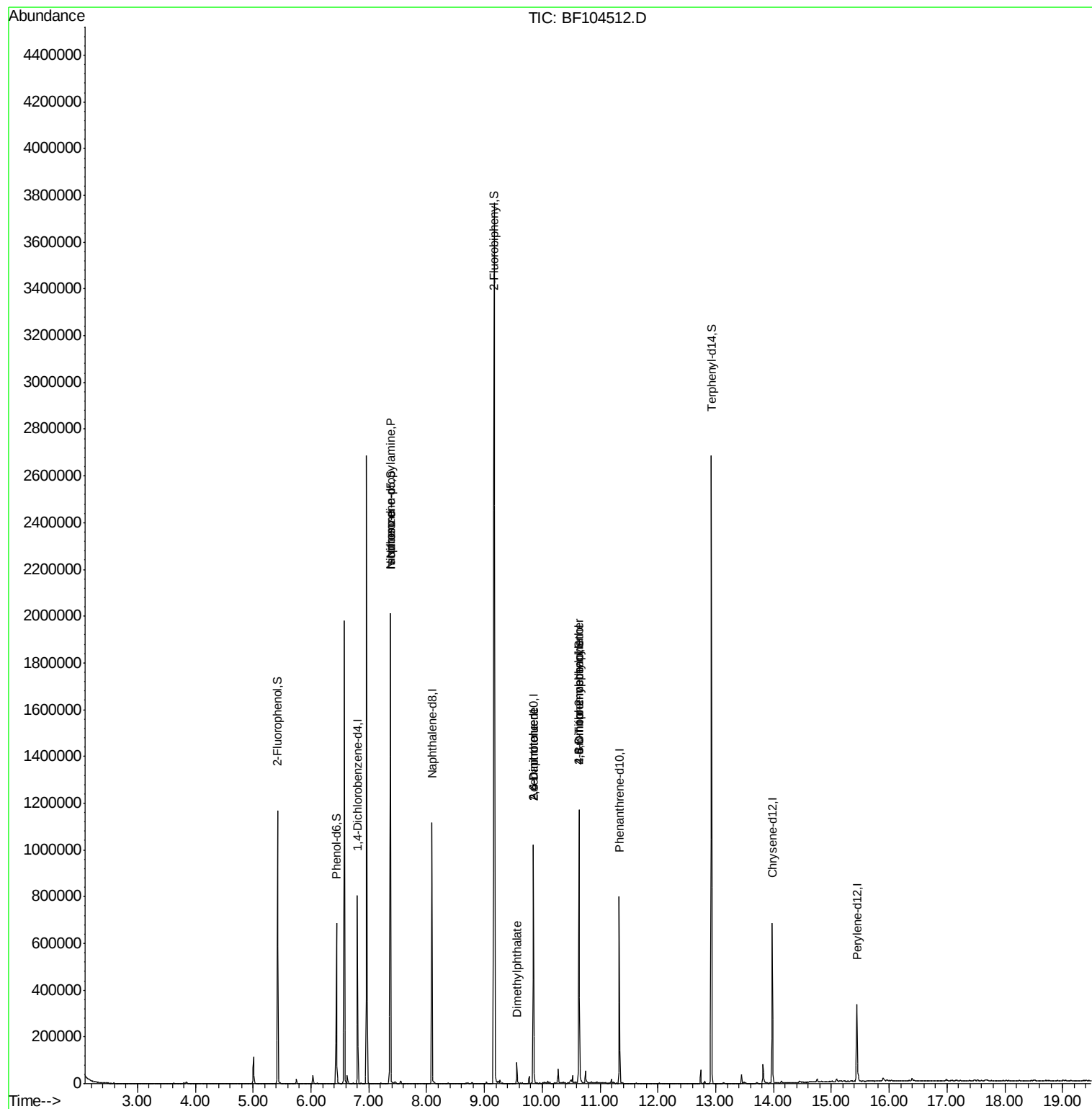
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120183	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	479551	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	198401	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	287174	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	228654	20.00	ng	-0.01
86) Perylene-d12	15.44	264	161872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	308685	39.27	ng	0.00
7) Phenol-d6	6.44	99	231166	23.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	719133	97.92	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	147196	71.52	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1242912	98.97	ng	0.00
78) Terphenyl-d14	12.93	244	896798	89.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	94025	14.899	ng	# 75
25) Isophorone	7.37	82	719118	46.305	ng	# 64
49) Dimethylphthalate	9.56	163	40983	2.619	ng	100
50) 2,6-Dinitrotoluene	9.85	165	25329	8.749	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	25329	6.670	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	119	7.419	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9241	3.025	ng	# 1
76) Benzidine	12.93	184	11540	Below Cal		98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104512.D
Acq On : 14 Apr 2018 8:25
Operator : JU/SJ
Sample : J2368-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 00:41:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



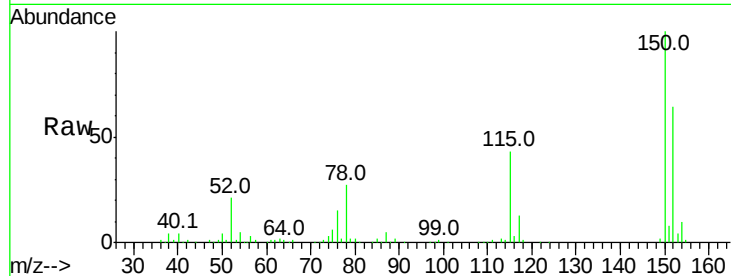


#1

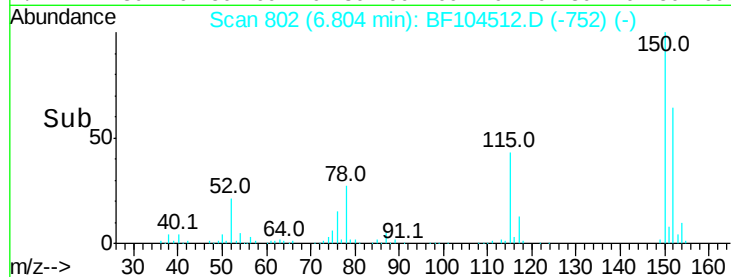
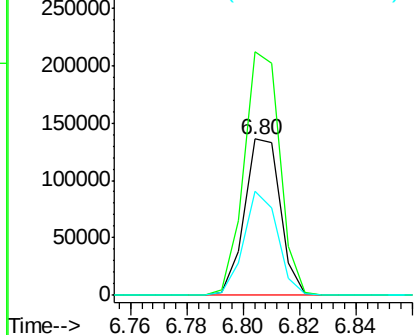
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104512.D
Acq: 14 Apr 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120183
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 66.8 50.1 75.1



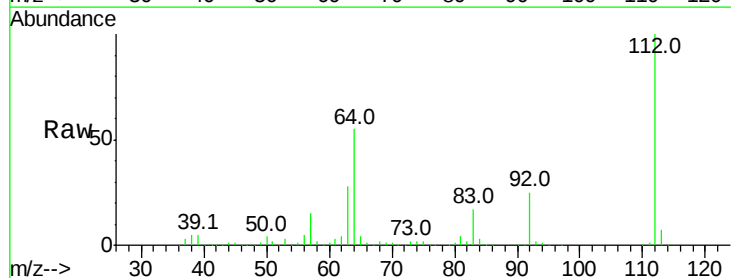
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



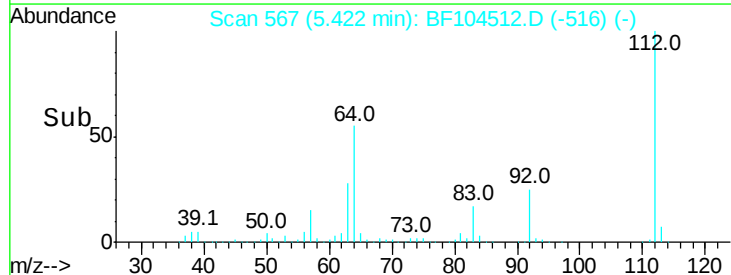
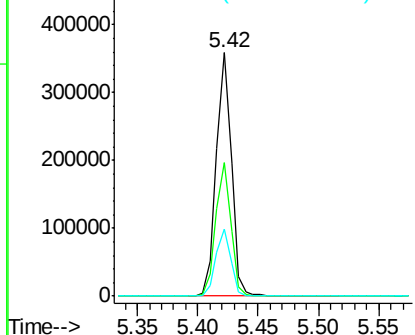
#5

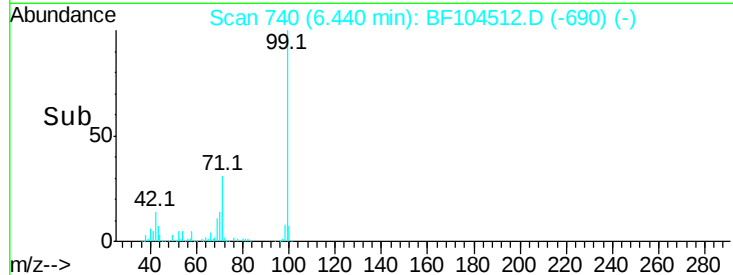
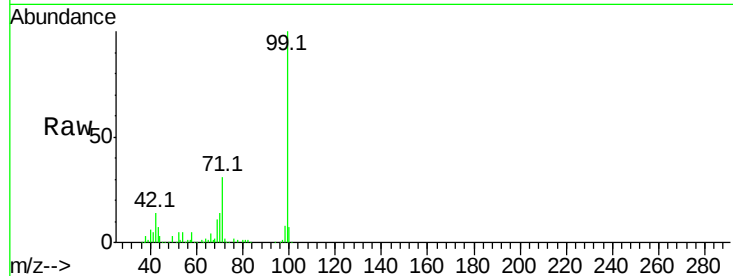
2-Fluorophenol
Concen: 39.273 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF104512.D
Acq: 14 Apr 2018 8:25

Tgt Ion:112 Resp: 308685
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.6 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: 23.937 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

Instrument :

BNA_F

ClientSampleId :

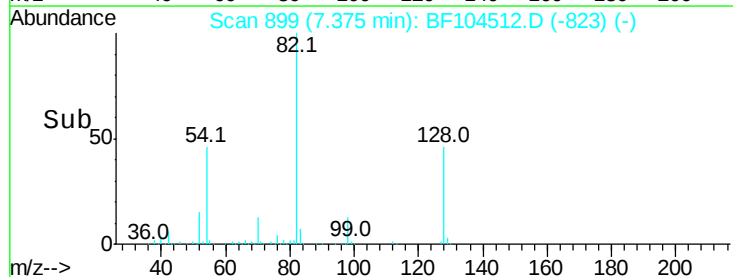
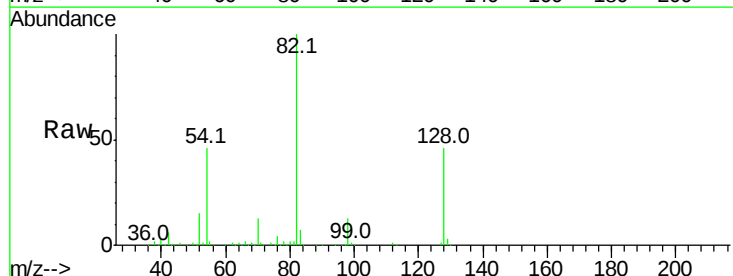
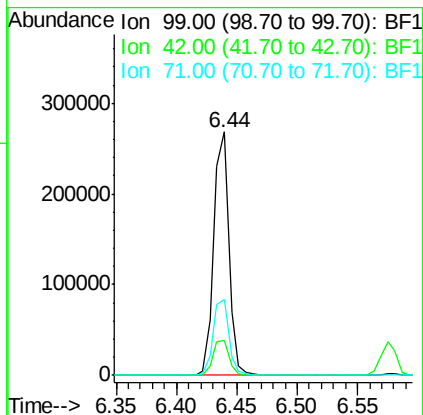
Tot Ion: 99 Resp: 231166

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.899 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

Tgt Ion: 70 Resp: 94025

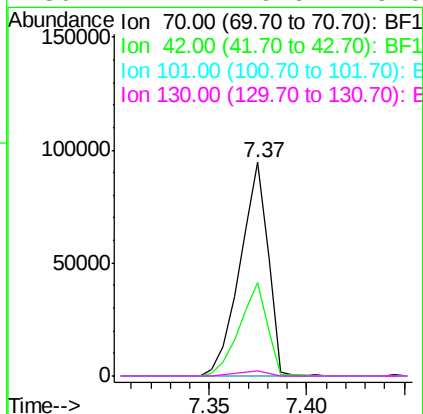
Ion Ratio Lower Upper

70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 479551

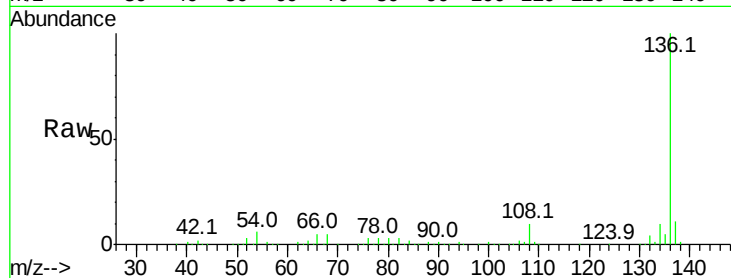
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.3 5.0 7.4

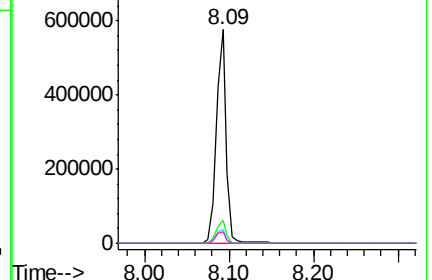
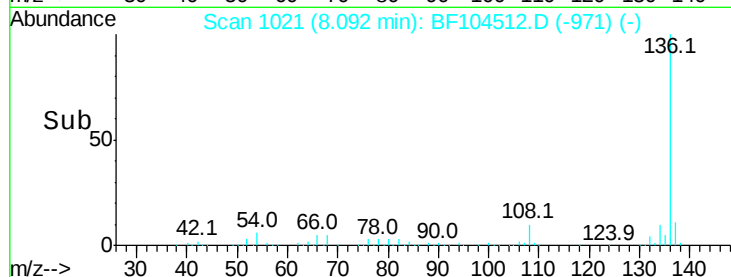


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.921 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

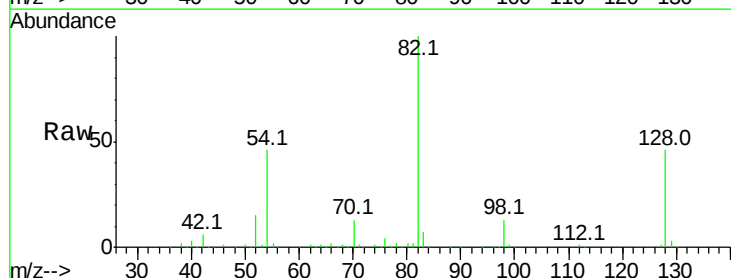
Tgt Ion: 82 Resp: 719133

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

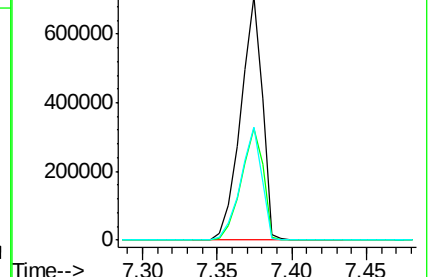
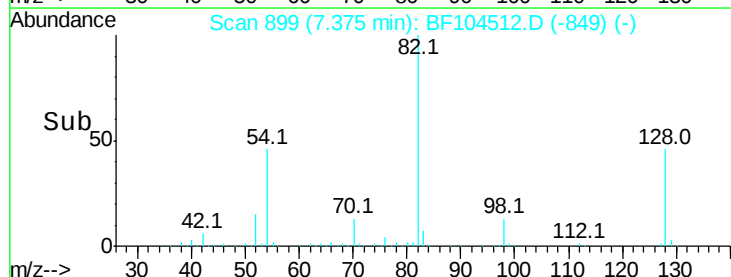
54 46.5 41.4 62.2

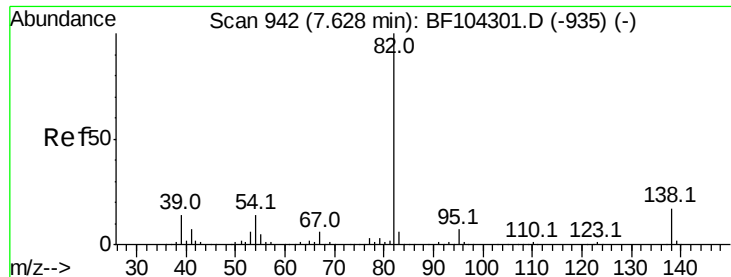


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.305 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

Instrument :

BNA_F

ClientSampleId :

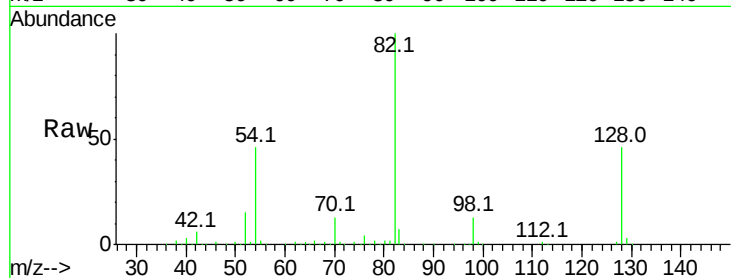
Tot Ion: 82 Resp: 719118

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

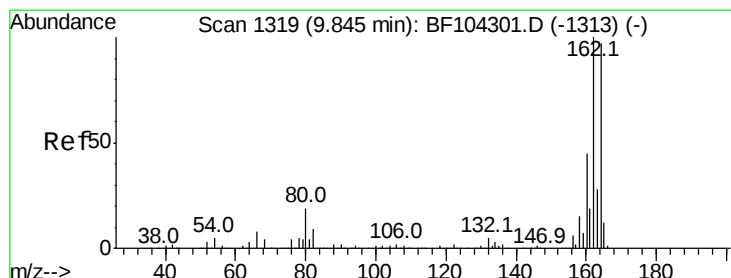
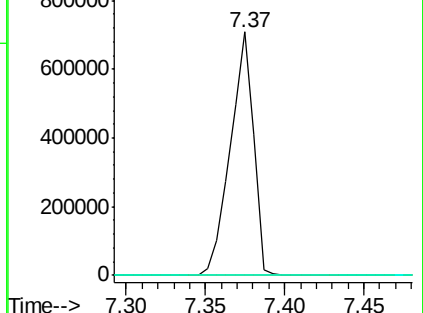
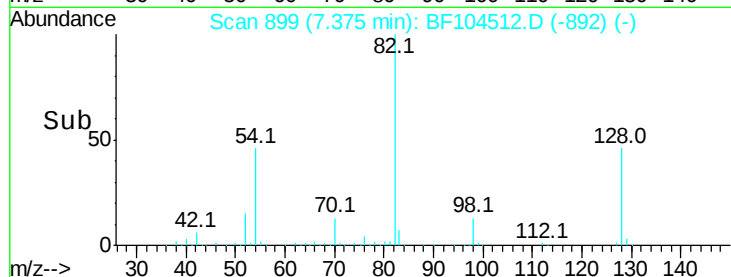
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

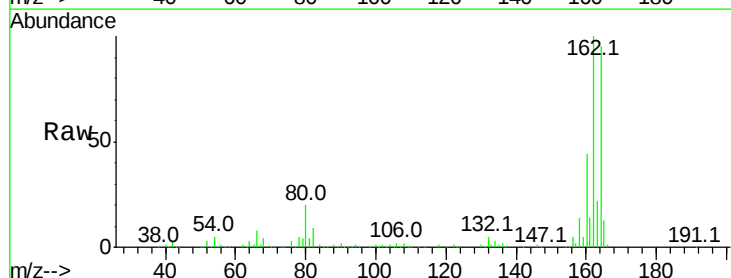
Tgt Ion:164 Resp: 198401

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

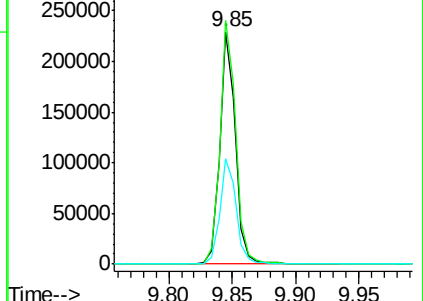
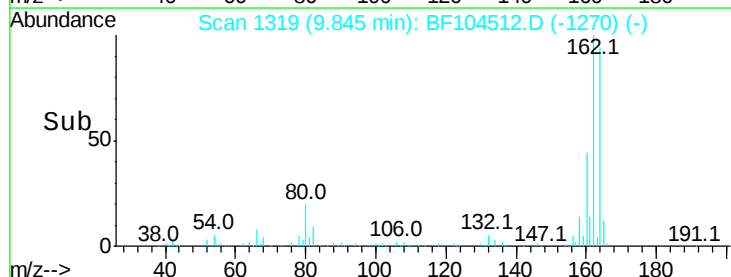
160 45.6 38.3 57.5



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

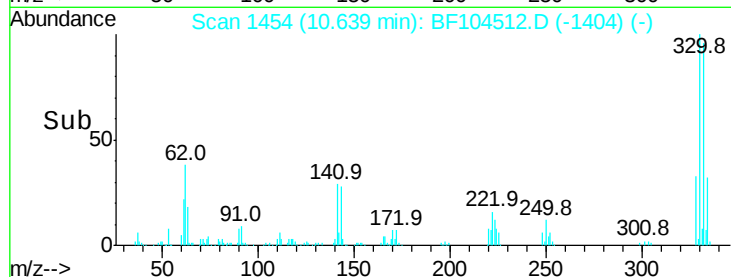
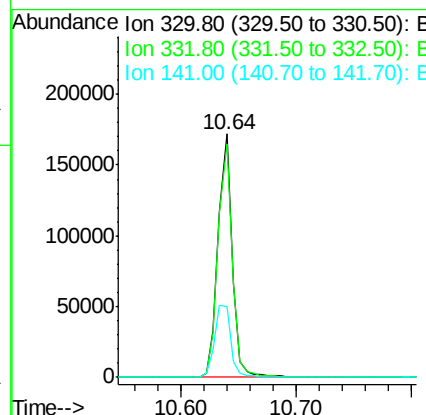
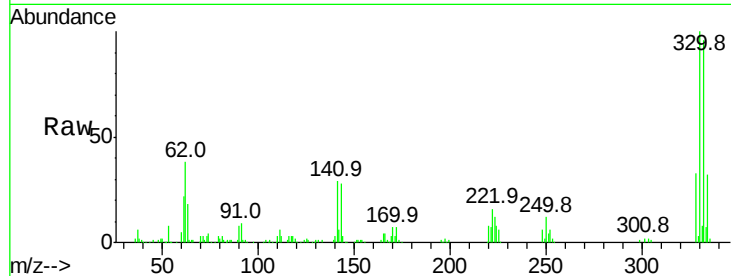




#41
 2,4,6-Tribromophenol
 Concen: 71.521 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104512.D
 Acq: 14 Apr 2018 8:25

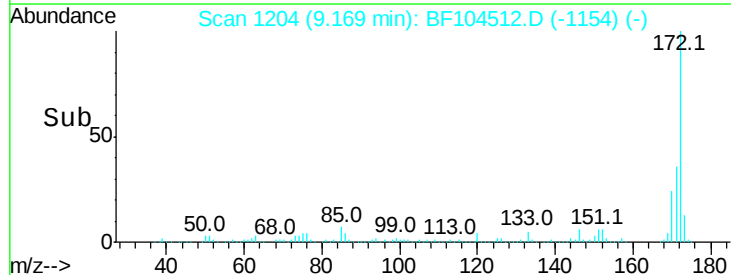
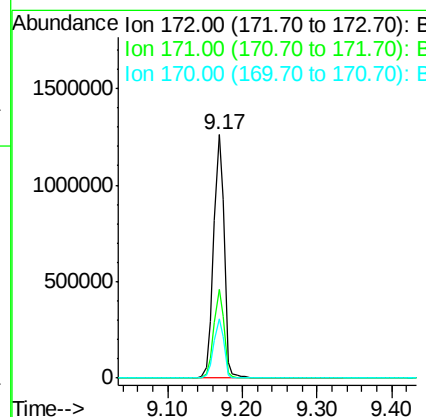
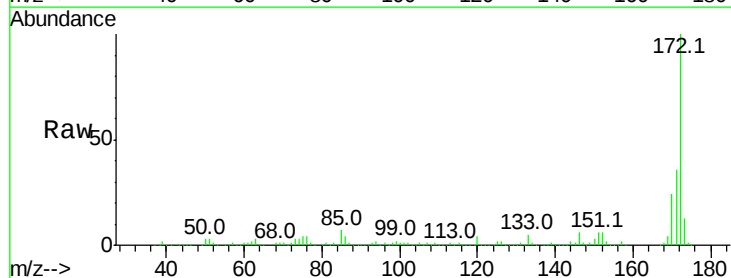
Instrument :
 BNA_F
 ClientSampleId :

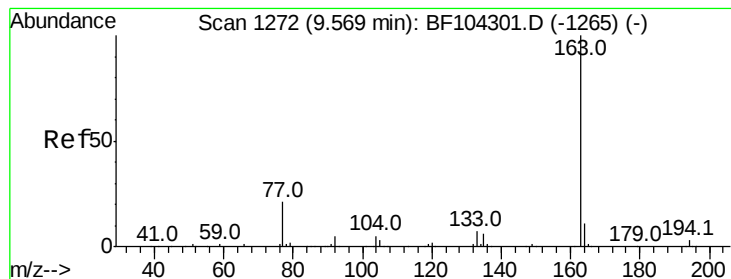
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.966 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104512.D
 Acq: 14 Apr 2018 8:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 2.619 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

Instrument :

BNA_F

ClientSampled :

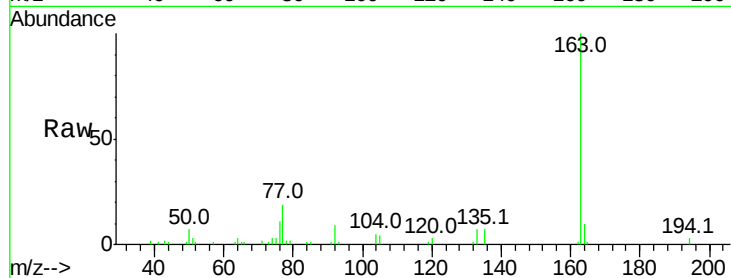
Tot Ion:163 Resp: 40983

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

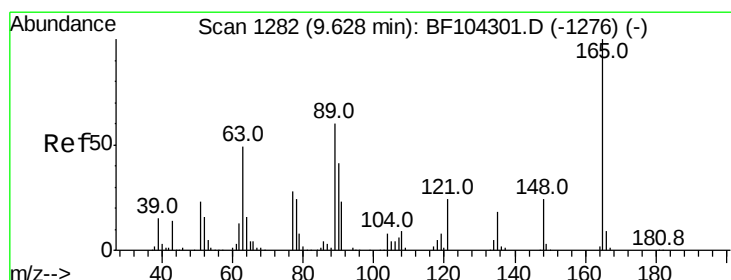
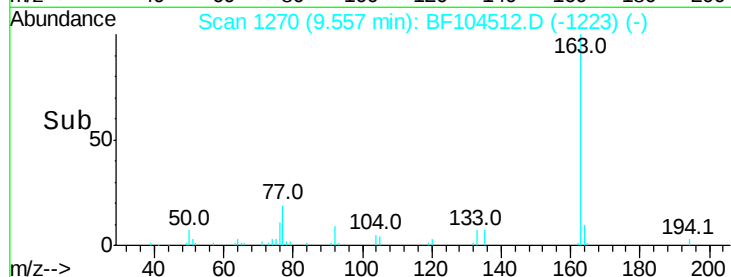
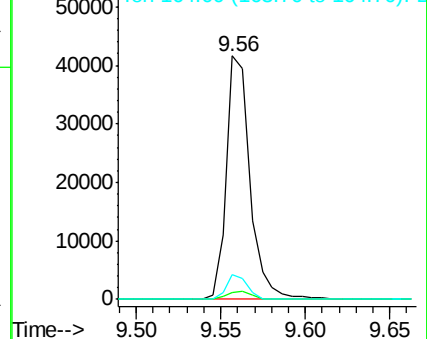
164 10.2 8.2 12.2



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: 8.749 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

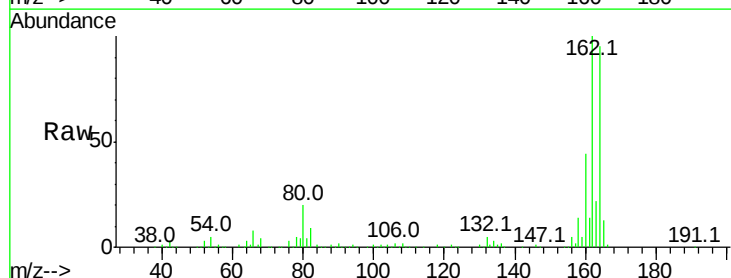
Tgt Ion:165 Resp: 25329

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

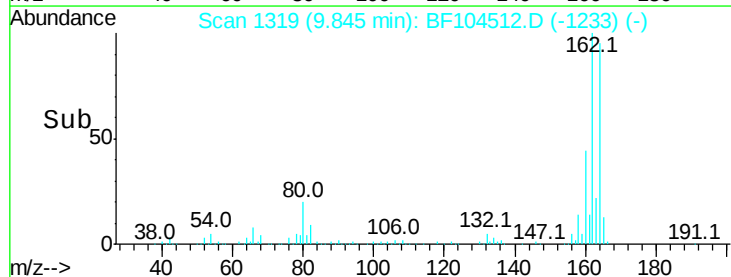
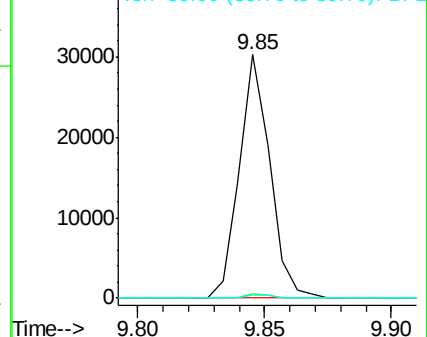
89 1.1 44.0 66.0#

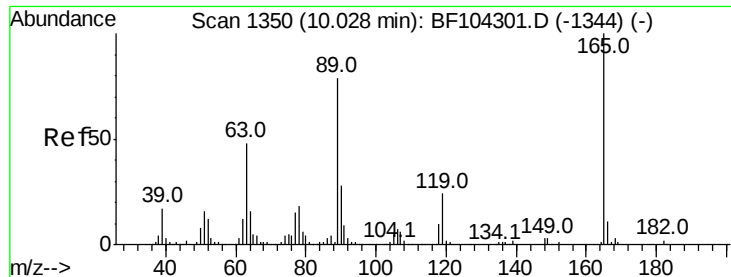


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

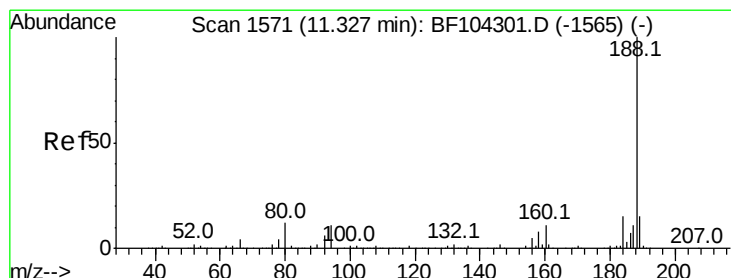
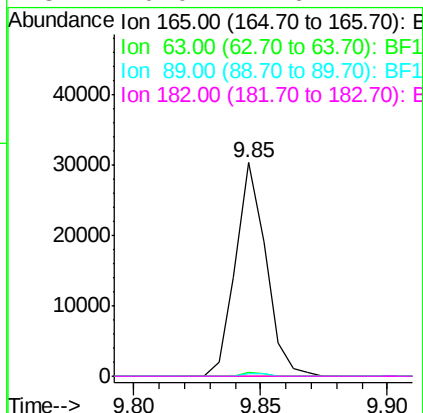
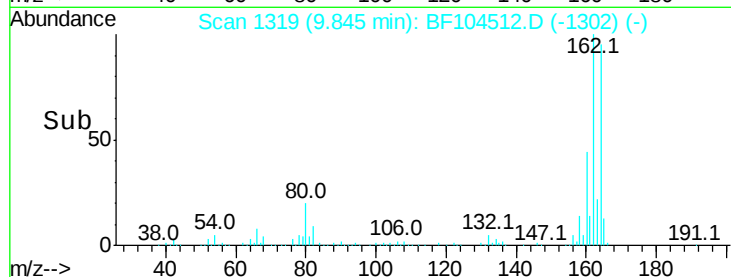
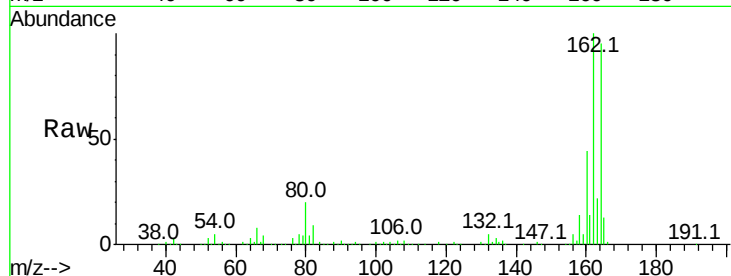




#56
 2,4-Dinitrotoluene
 Concen: 6.670 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104512.D
 Acq: 14 Apr 2018 8:25

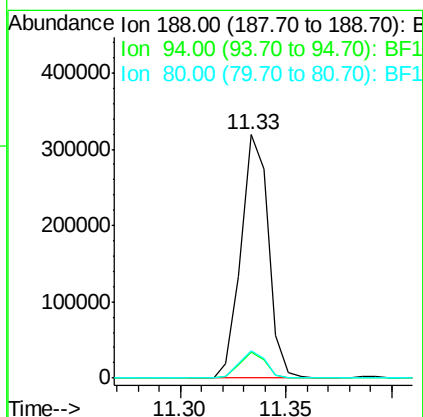
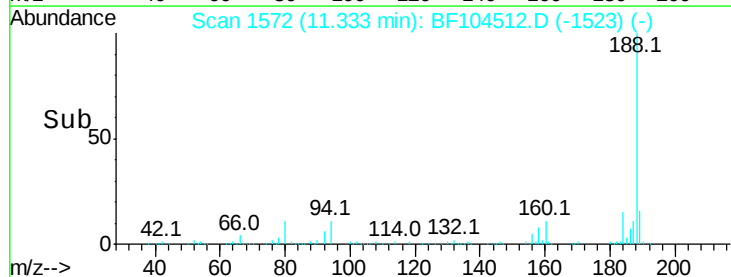
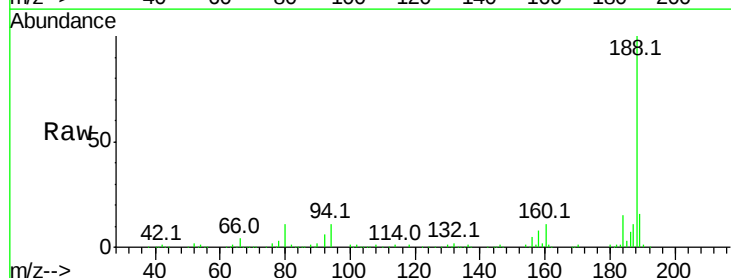
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	25329
Ion	Ratio	Lower	Upper
165	100		
63	1.6	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# 1572
 Delta R.T. -0.01 min
 Lab File: BF104512.D
 Acq: 14 Apr 2018 8:25

Tgt Ion:	188	Resp:	287174
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.419 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.18 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

Instrument :

BNA_F

ClientSampleId :

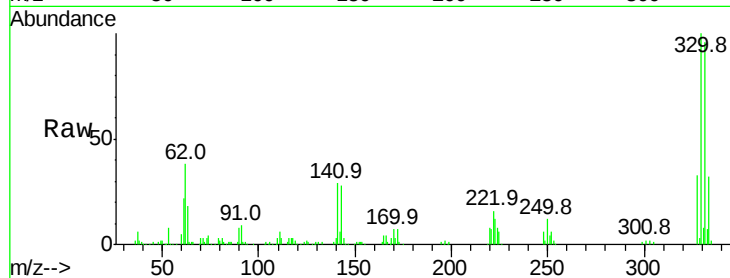
Tot Ion:198 Resp: 119

Ion Ratio Lower Upper

198 100

51 151.9 37.7 77.7#

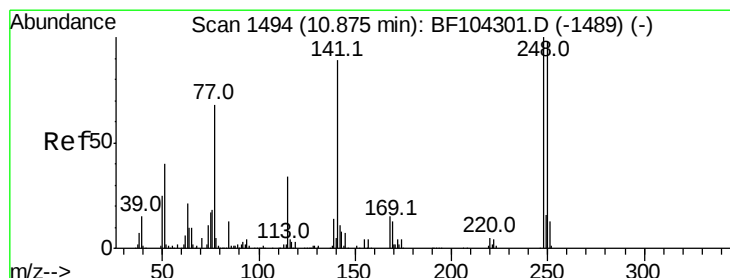
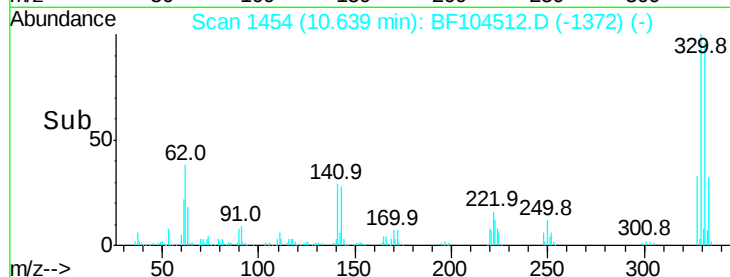
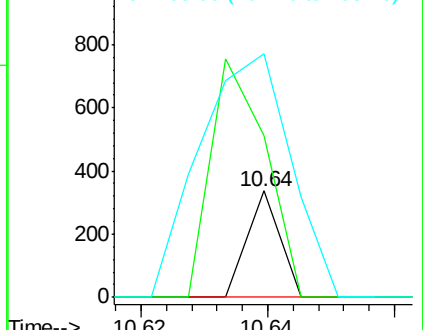
105 228.8 36.3 76.3#



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: 3.025 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF104512.D

Acq: 14 Apr 2018 8:25

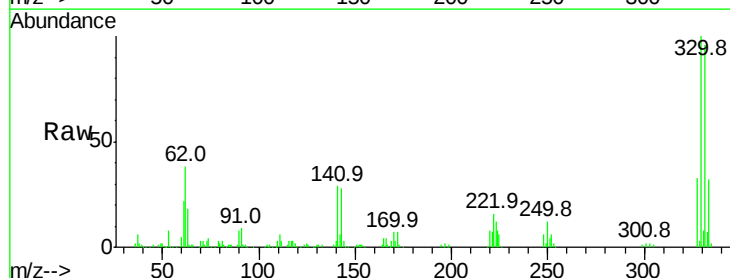
Tgt Ion:248 Resp: 9241

Ion Ratio Lower Upper

248 100

250 195.4 76.9 115.3#

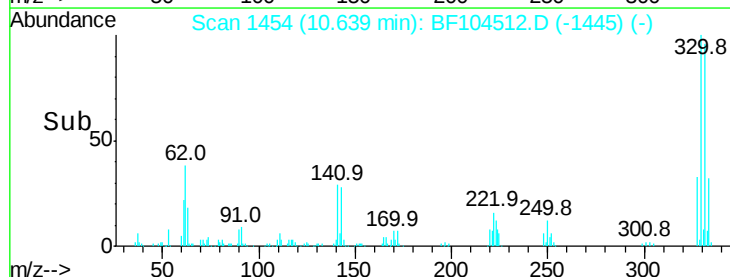
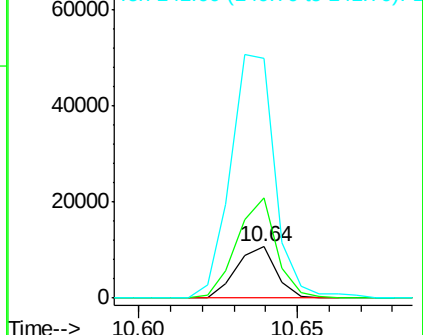
141 468.1 74.4 111.6#

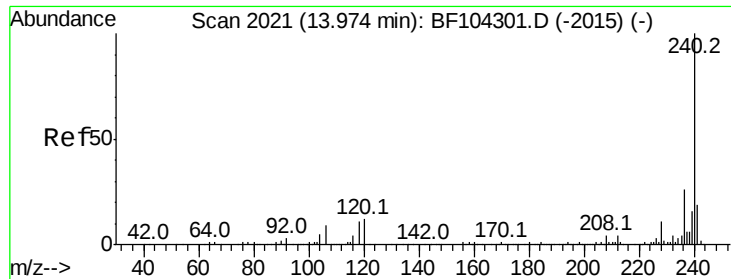


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

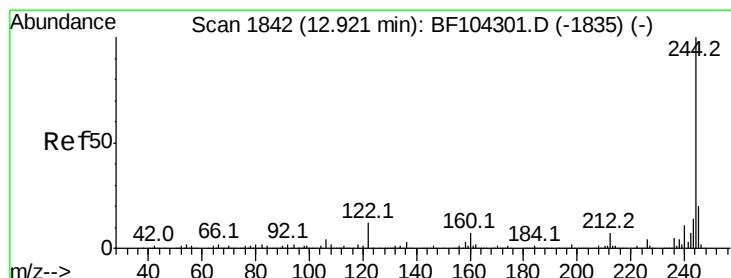
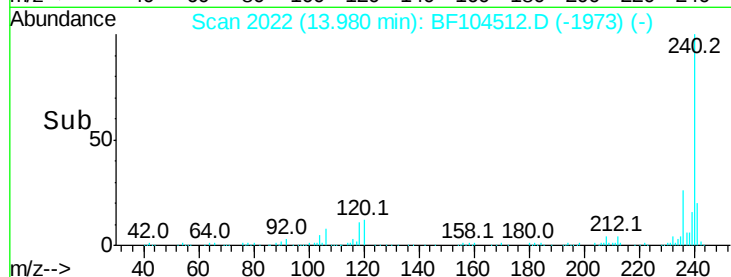
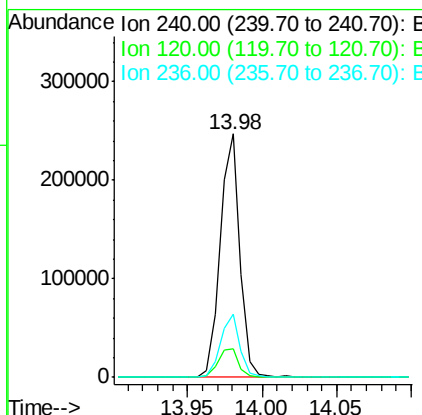
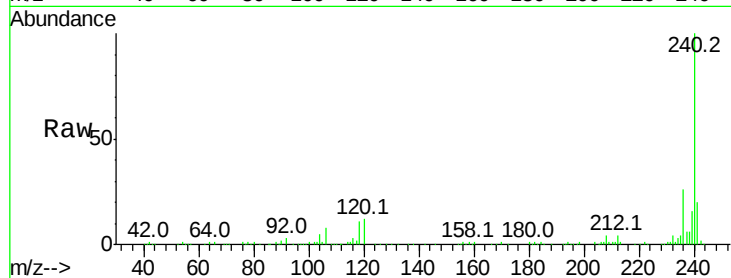




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104512.D
 Acq: 14 Apr 2018 8:25

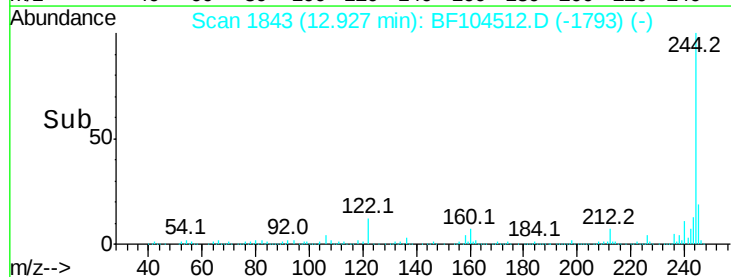
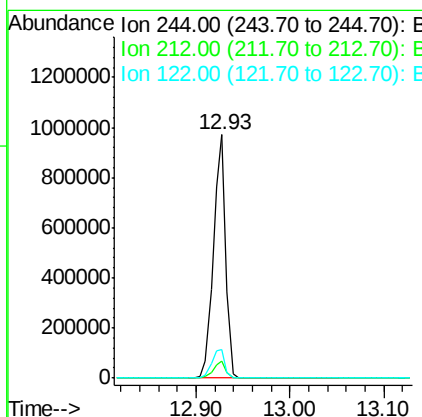
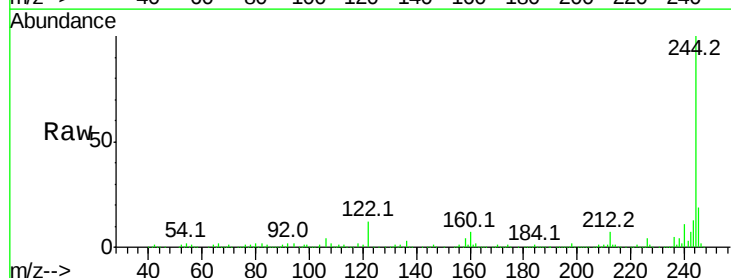
Instrument :
 BNA_F
 ClientSampleId :

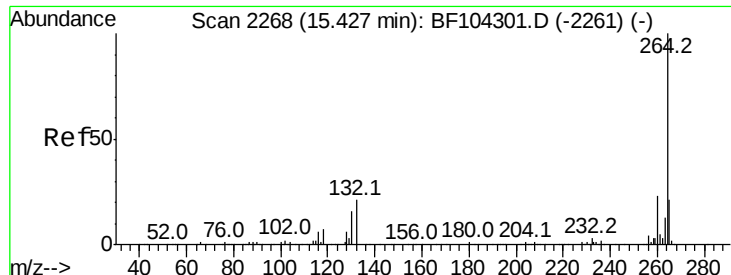
Tot Ion:240 Resp: 228654
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 89.417 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104512.D
 Acq: 14 Apr 2018 8:25

Tgt Ion:244 Resp: 896798
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4

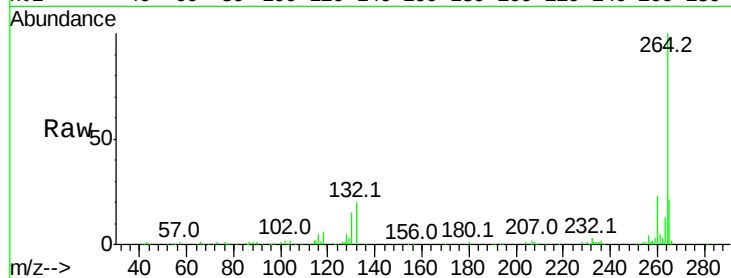




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104512.D
Acq: 14 Apr 2018 8:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.7	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

