

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104522.D
 Acq On : 14 Apr 2018 12:54
 Operator : JU/SJ
 Sample : J2368-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 00:43:30 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	156159	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620228	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	254131	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	367934	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	290662	20.00	ng	-0.02
86) Perylene-d12	15.44	264	219584	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	381359	37.34	ng	0.00
7) Phenol-d6	6.44	99	277020	22.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	938919	98.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	185714	70.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1477034	91.82	ng	0.00
78) Terphenyl-d14	12.93	244	1072373	84.11	ng	0.00

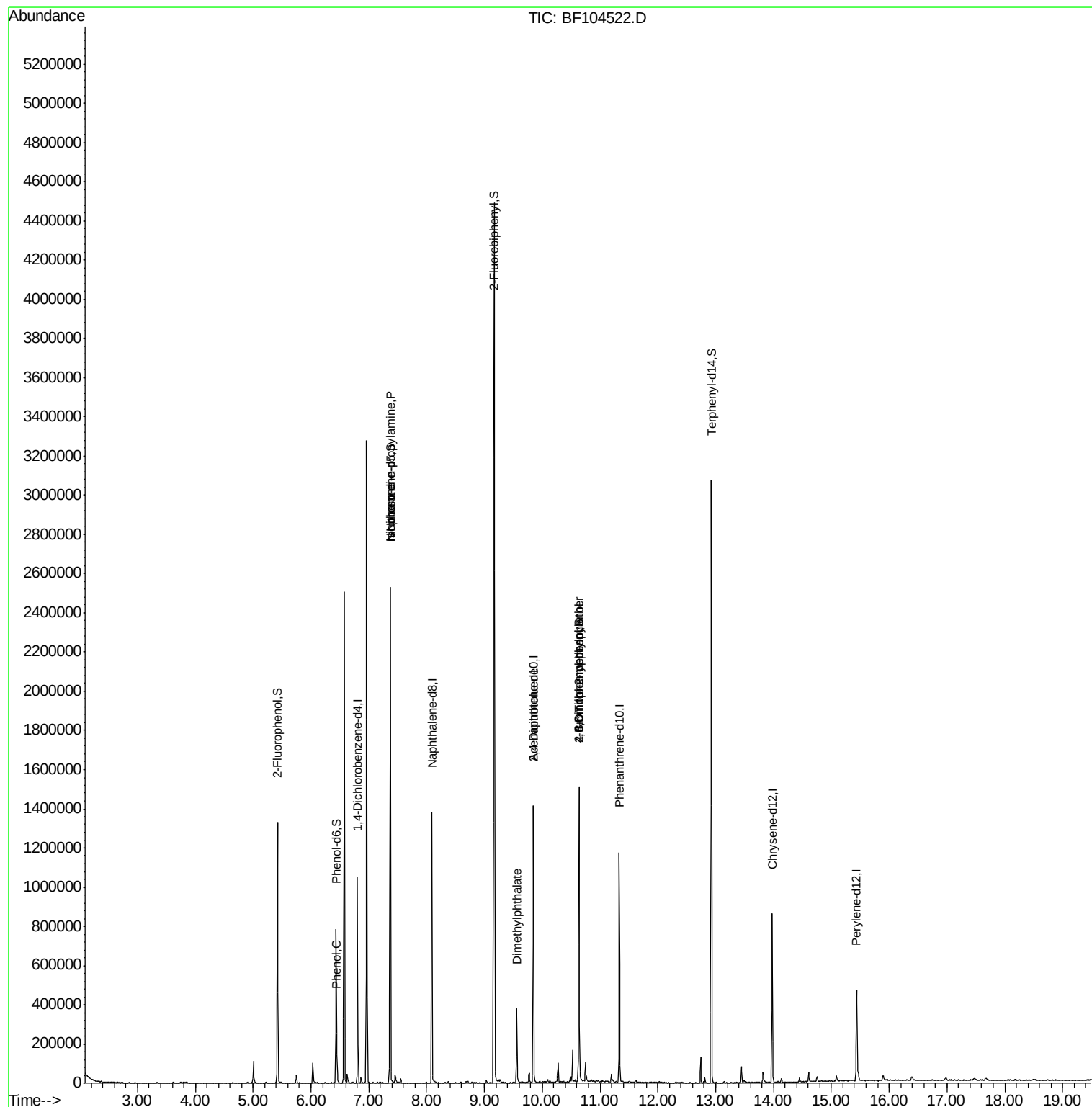
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	622	Below Cal		# 1
10) Phenol	6.45	94	31492	2.365	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	123127	15.016	ng	# 74
25) Isophorone	7.37	82	938907	46.745	ng	# 64
49) Dimethylphthalate	9.56	163	155838	7.776	ng	100
56) 2,4-Dinitrotoluene	9.85	165	32468	6.675	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	299	7.488	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11180	2.857	ng	# 1
76) Benzidine	12.93	184	14070	Below Cal		97

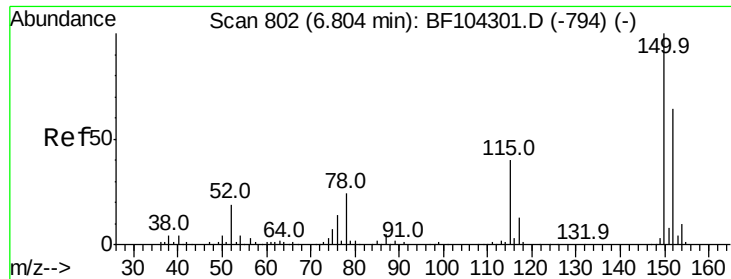
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104522.D
Acq On : 14 Apr 2018 12:54
Operator : JU/SJ
Sample : J2368-16
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 00:43:30 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



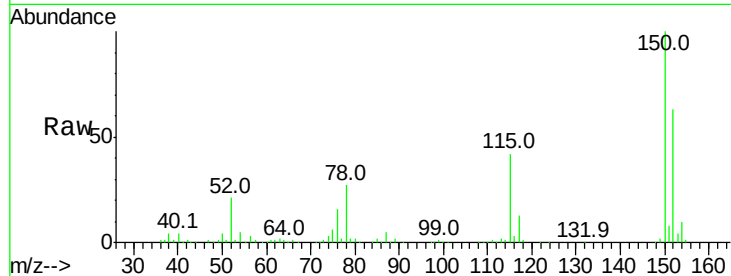


#1

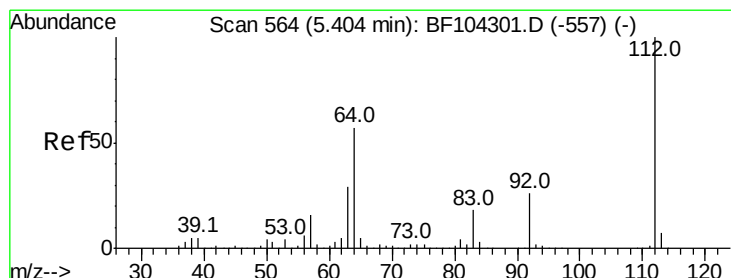
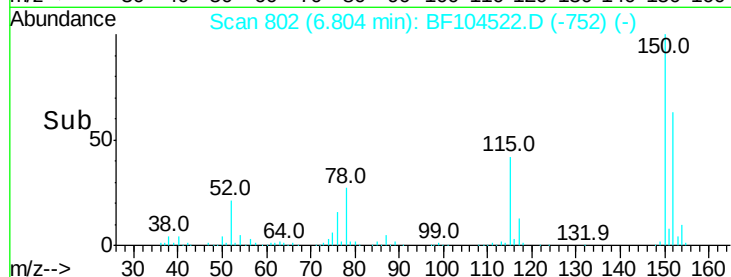
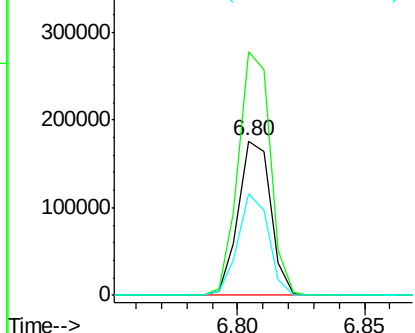
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156159
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 66.0 50.1 75.1



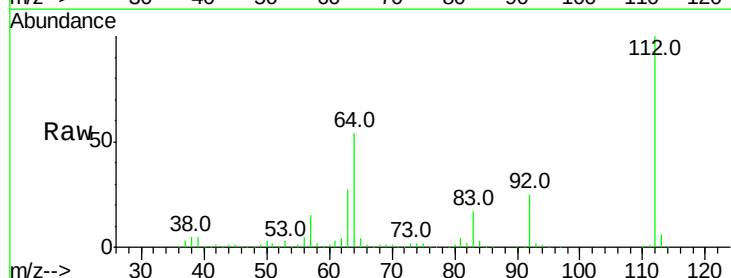
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



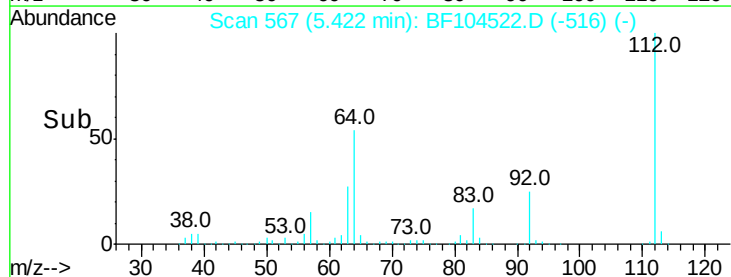
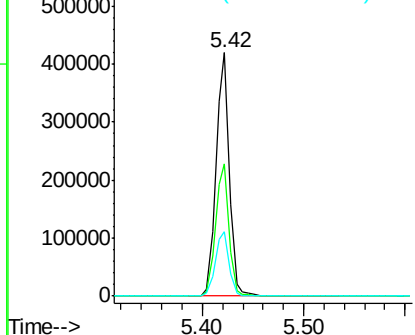
#5

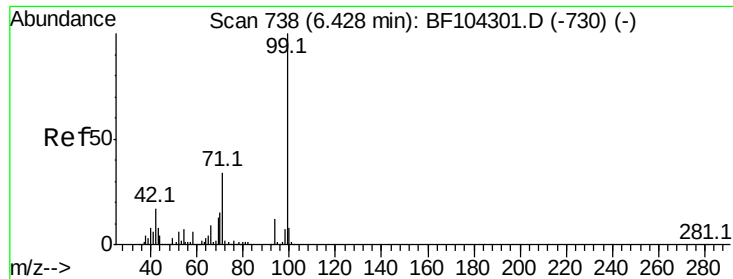
2-Fluorophenol
Concen: 37.341 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Tgt Ion:112 Resp: 381359
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 26.7 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: 22.077 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

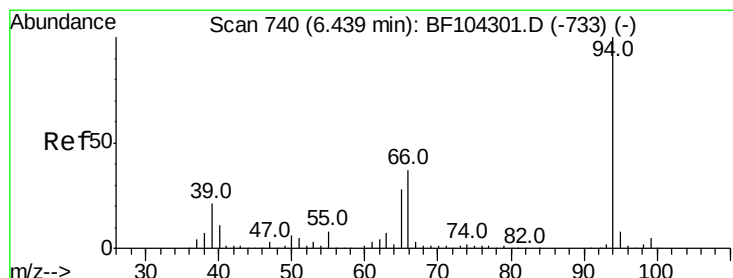
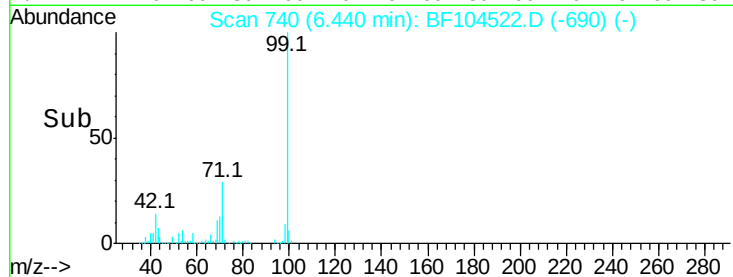
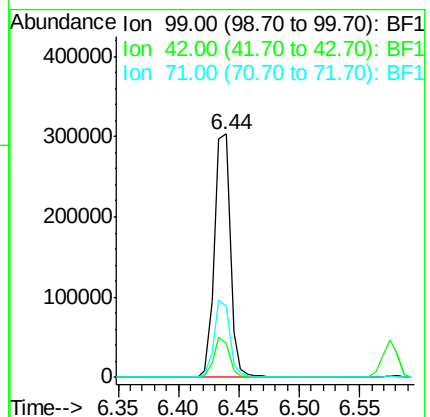
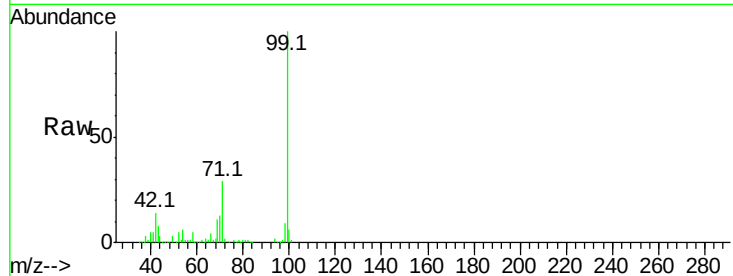
Tot Ion: 99 Resp: 277020

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

71 29.3 25.4 38.0



#10

Phenol

Concen: 2.365 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

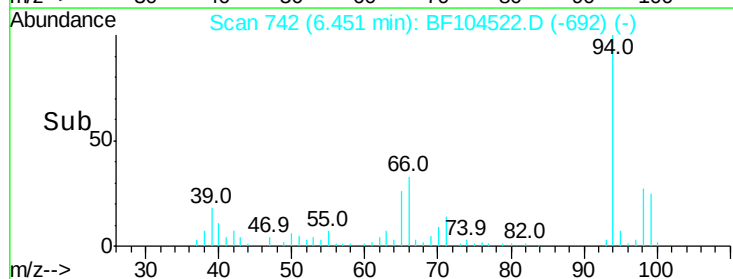
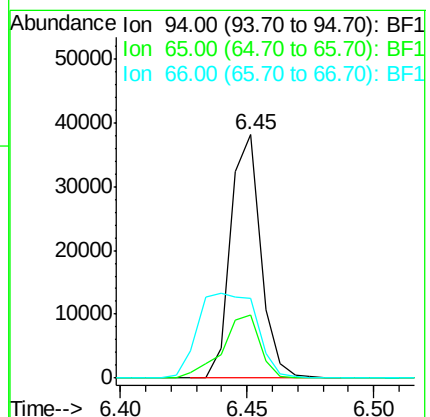
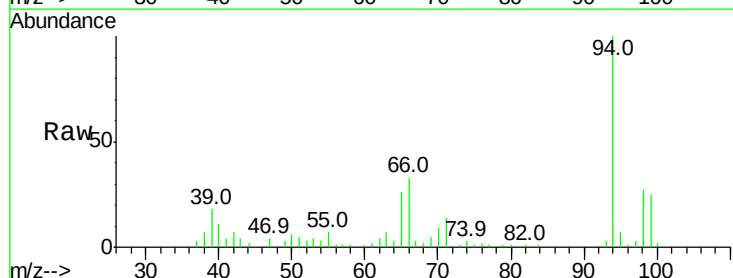
Tgt Ion: 94 Resp: 31492

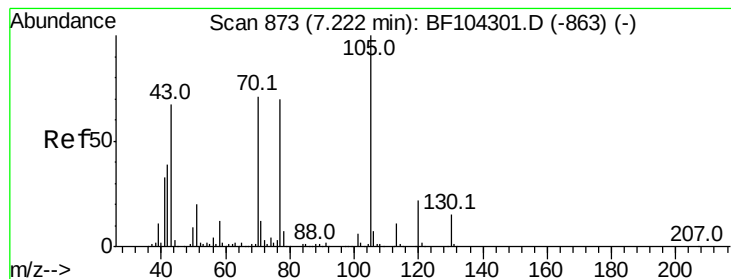
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 32.7 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.016 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123127

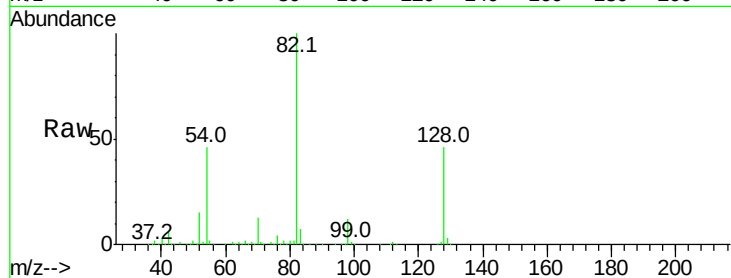
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

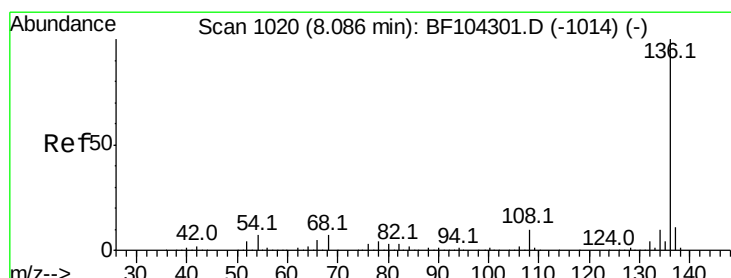
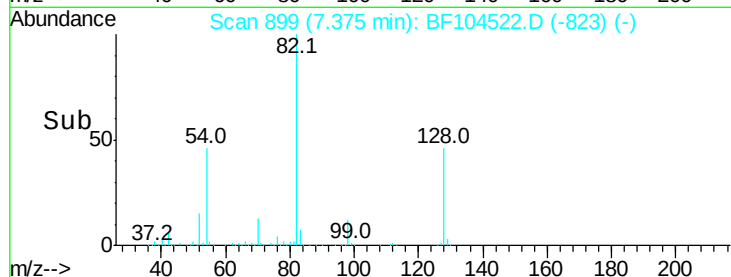
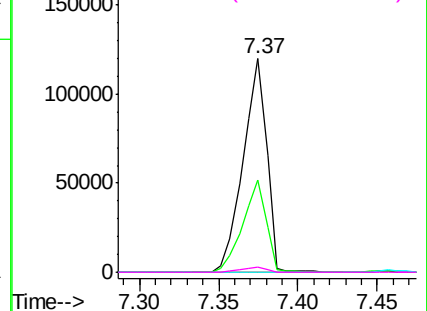


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Tgt Ion:136 Resp: 620228

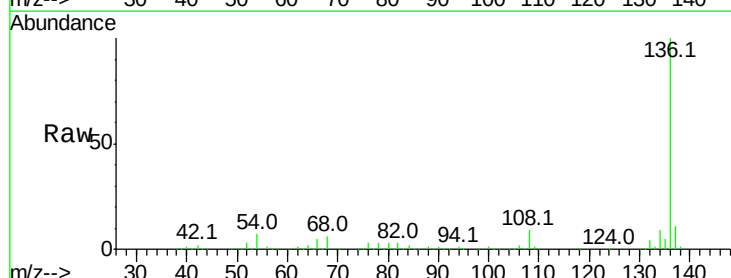
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.7 6.6 9.8

68 6.1 5.0 7.4

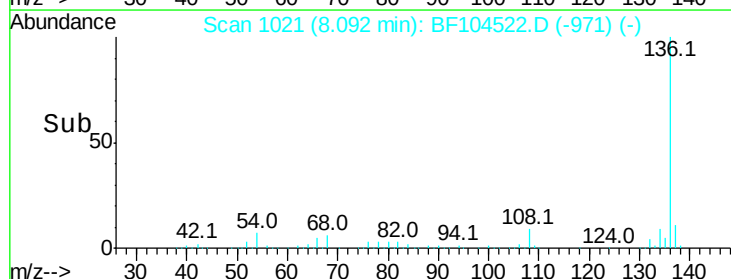
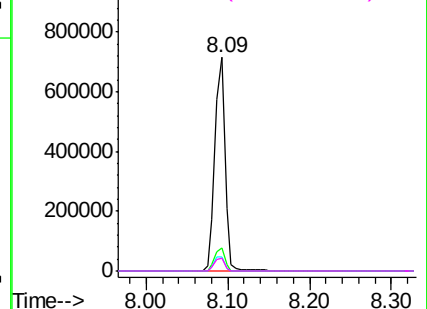


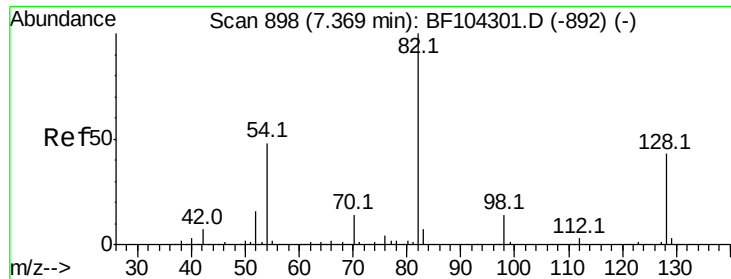
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

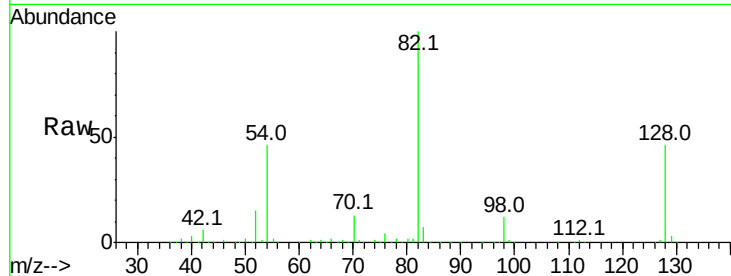




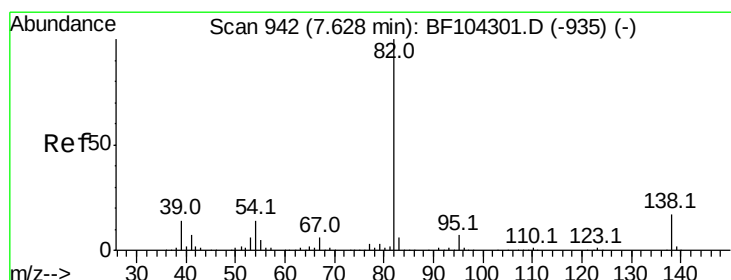
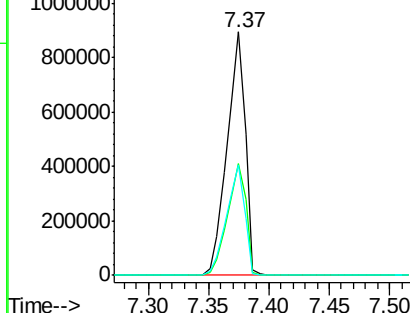
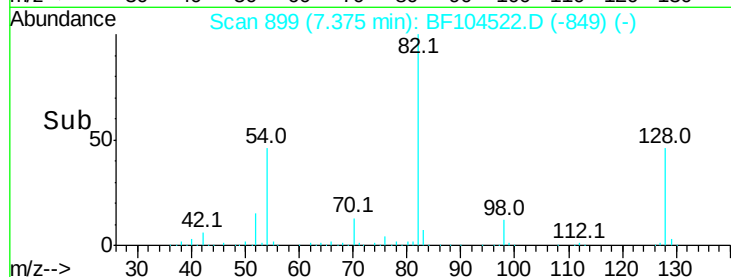
#23
 Nitrobenzene-d5
 Concen: 98.850 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	938919
Ion Ratio	100	Lower	Upper
128	46.0	36.1	54.1
54	45.6	41.4	62.2

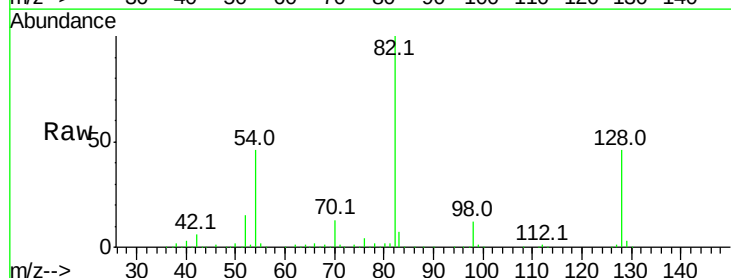


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

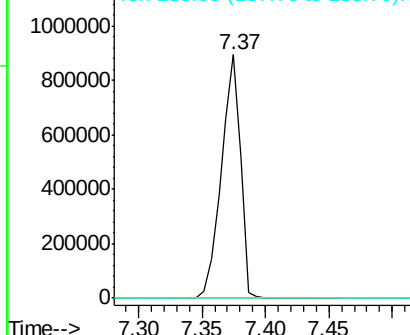
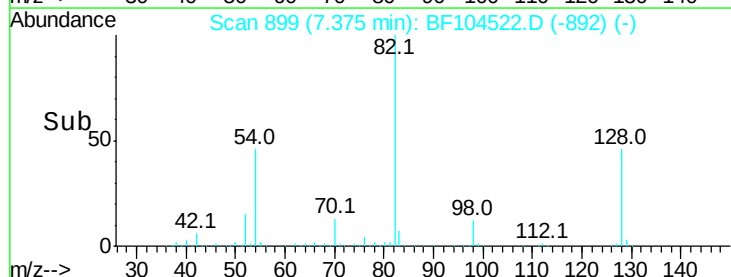


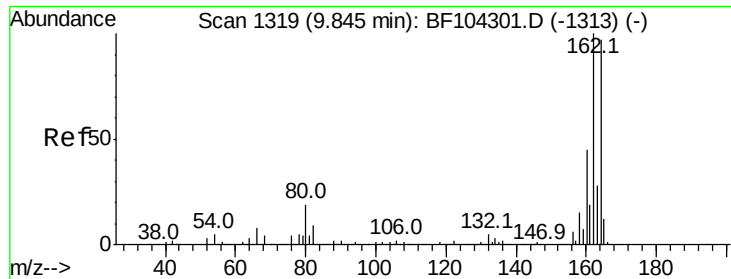
#25
 Isophorone
 Concen: 46.745 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Tgt Ion	82	Resp	938907
Ion Ratio	100	Lower	Upper
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

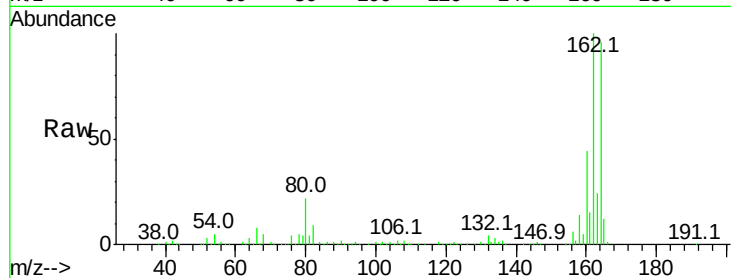




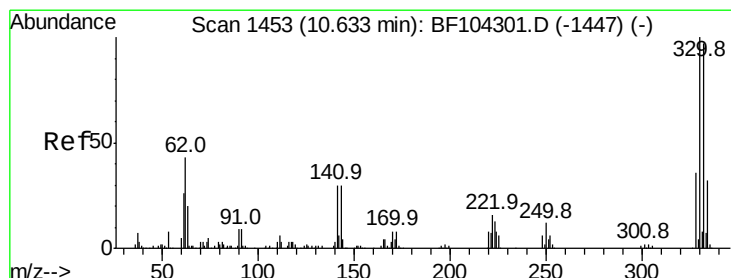
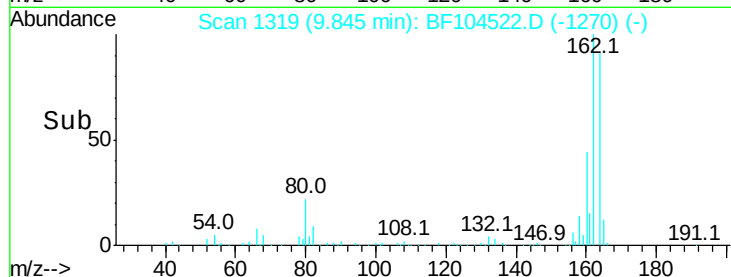
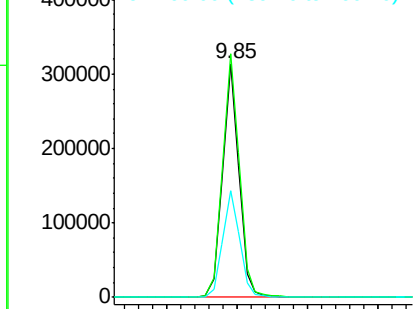
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 254131
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 45.4 38.3 57.5

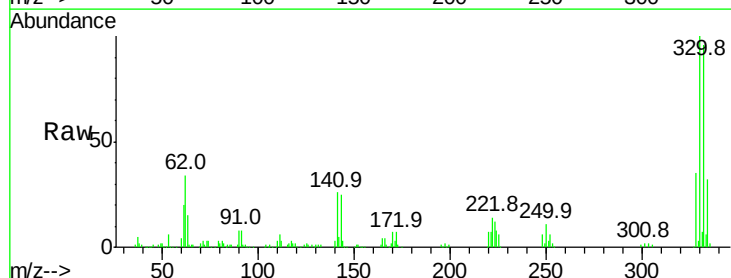


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

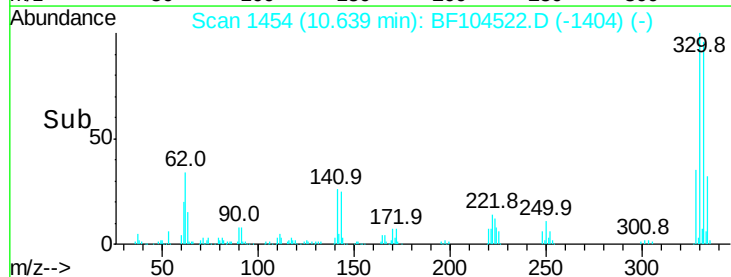
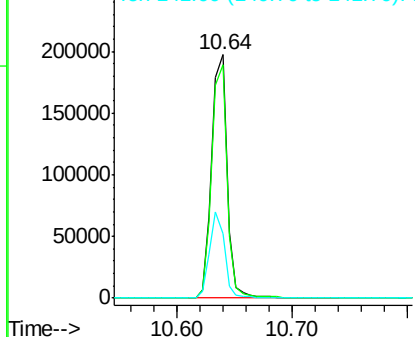


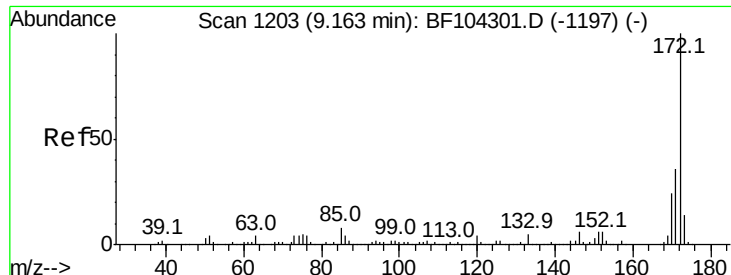
#41
2,4,6-Tribromophenol
Concen: 70.448 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Tgt Ion:330 Resp: 185714
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 34.5 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

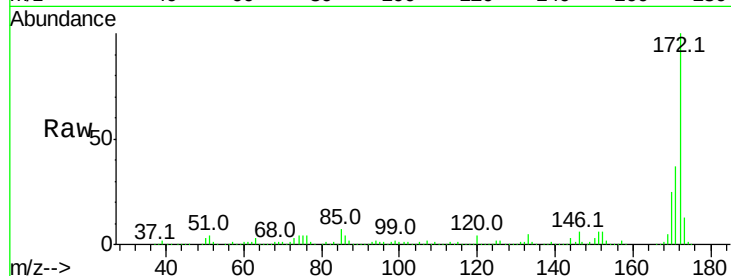




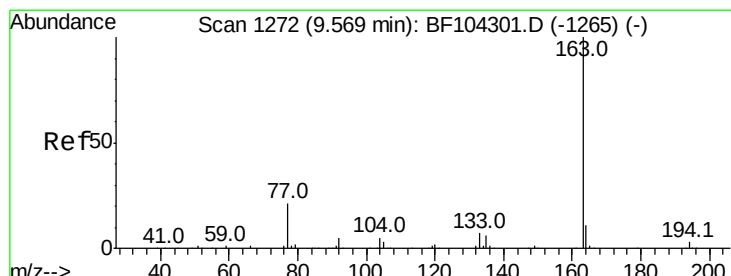
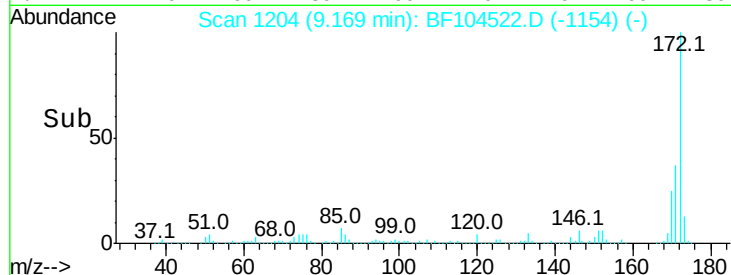
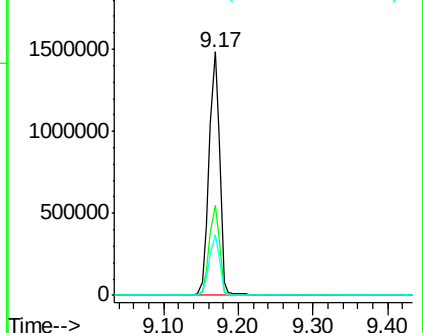
#44
2-Fluorobiphenyl
Concen: 91.817 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1477034
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.6 19.6 29.4

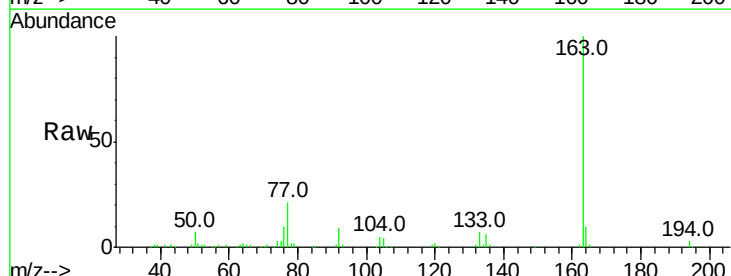


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

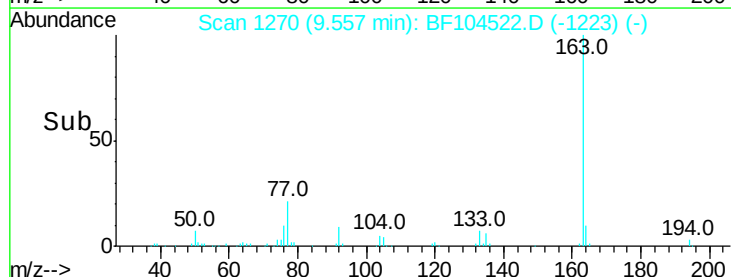
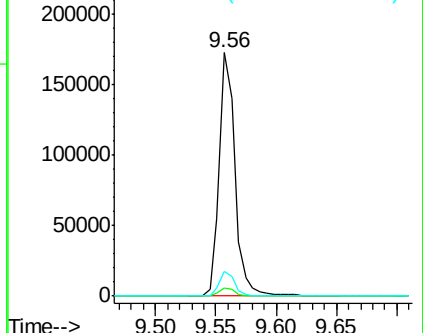


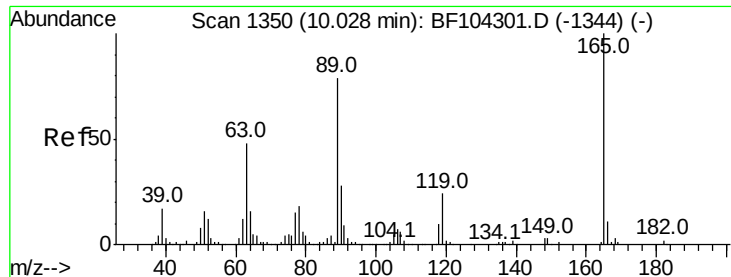
#49
Dimethylphthalate
Concen: 7.776 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104522.D
Acq: 14 Apr 2018 12:54

Tgt Ion:163 Resp: 155838
Ion Ratio Lower Upper
163 100
194 3.3 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

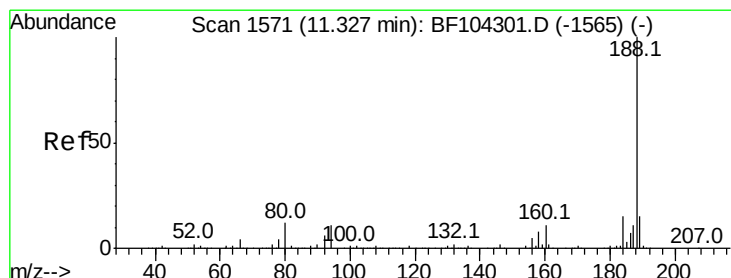
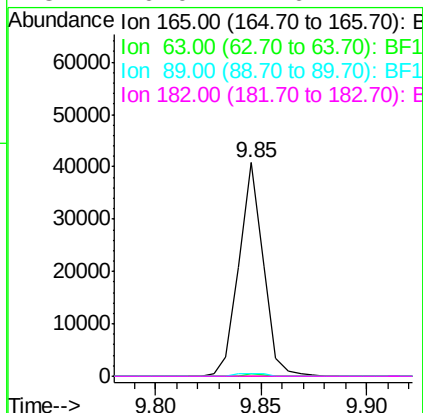
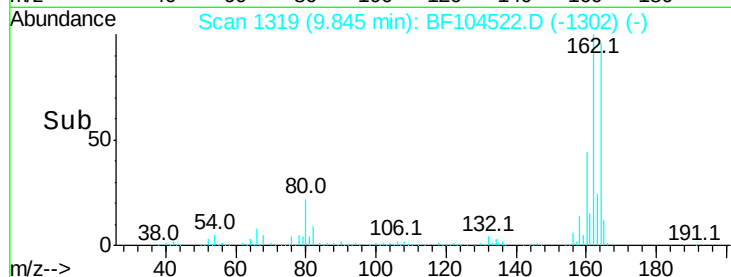
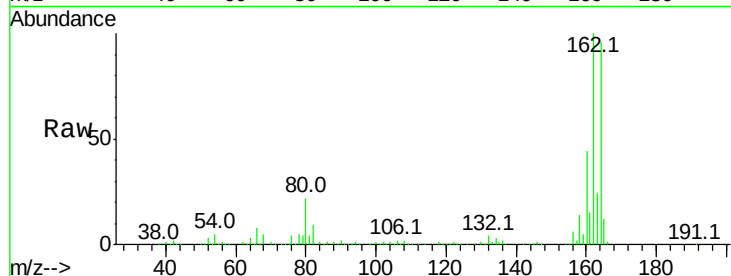




#56
 2,4-Dinitrotoluene
 Concen: 6.675 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

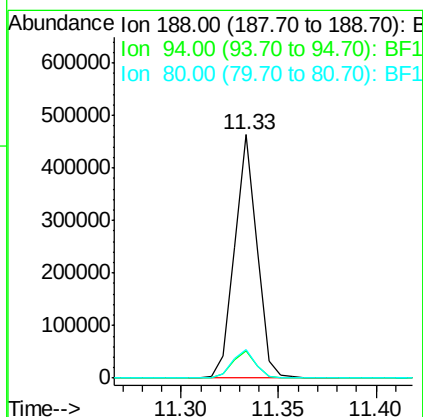
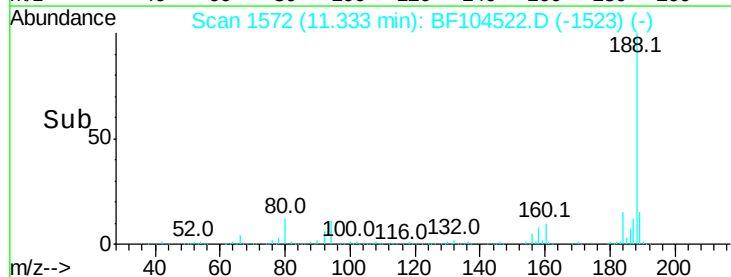
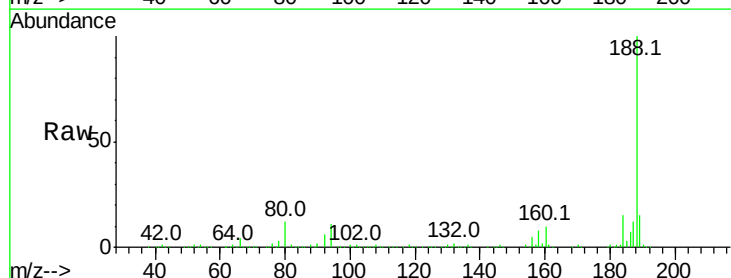
Instrument :
 BNA_F
 ClientSampleId :

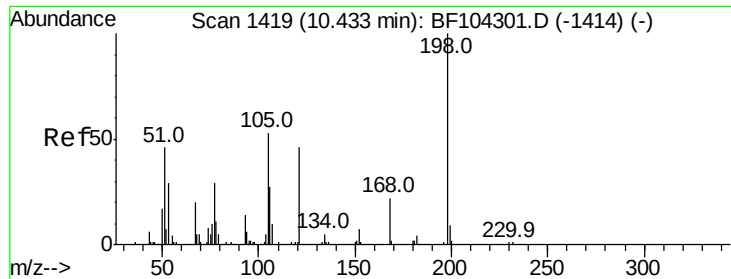
Tot Ion:165	Resp: 32468
Ion Ratio	Lower Upper
165 100	
63 1.5	36.4 54.6#
89 1.0	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Tgt	Ion:188	Resp:	367934
Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.0	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.488 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.18 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

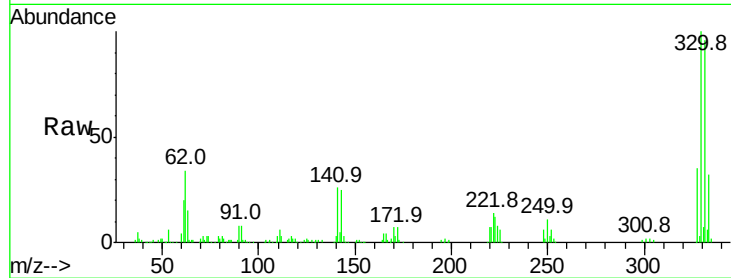
Tot Ion:198 Resp: 299

Ion Ratio Lower Upper

198 100

51 131.3 37.7 77.7#

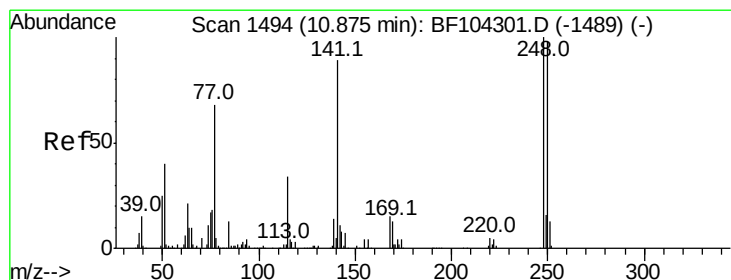
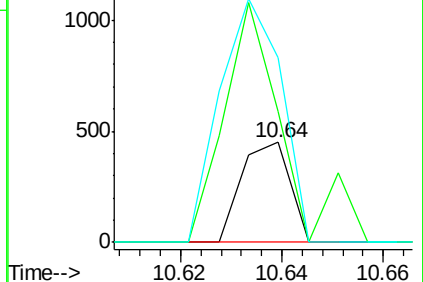
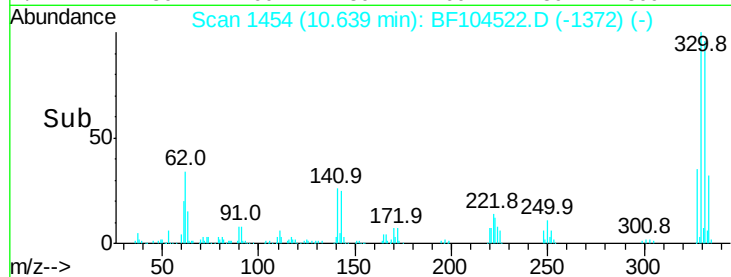
105 184.4 36.3 76.3#



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: 2.857 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

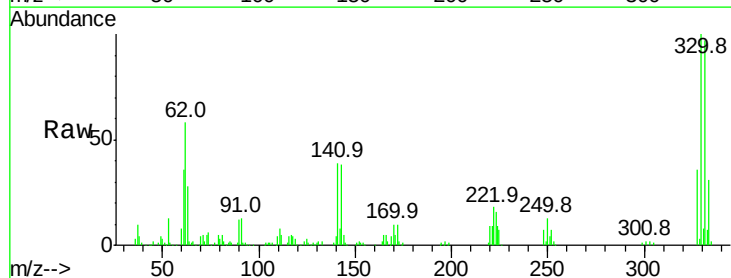
Tgt Ion:248 Resp: 11180

Ion Ratio Lower Upper

248 100

250 197.4 76.9 115.3#

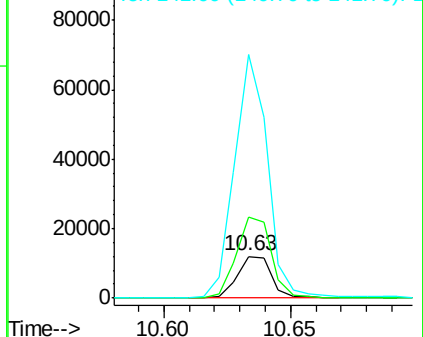
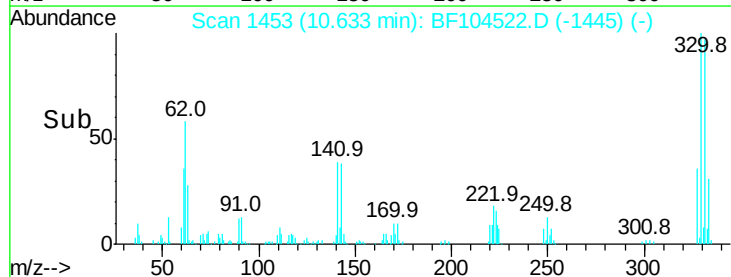
141 588.8 74.4 111.6#

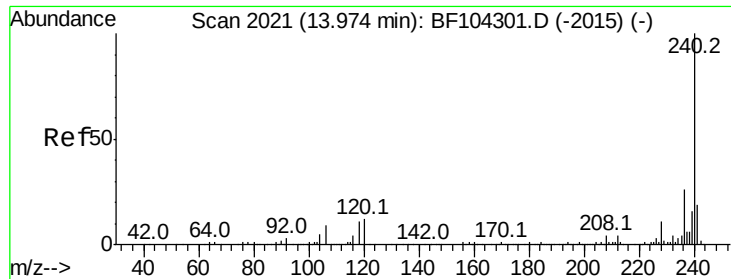


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2021

Delta R.T. -0.02 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

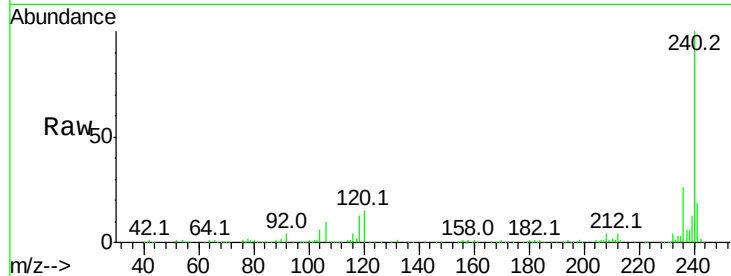
Tot Ion:240 Resp: 290662

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

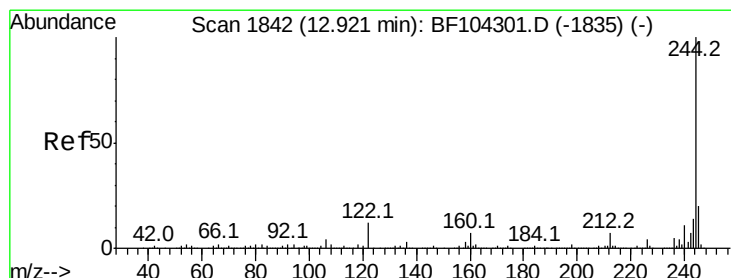
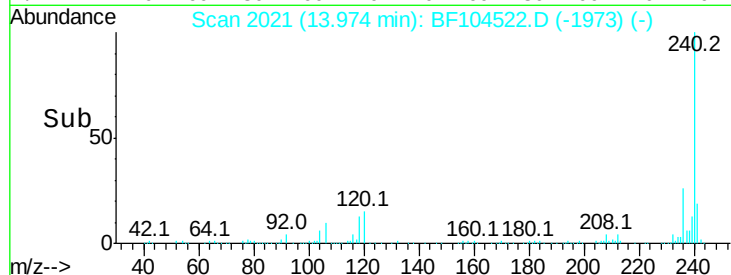
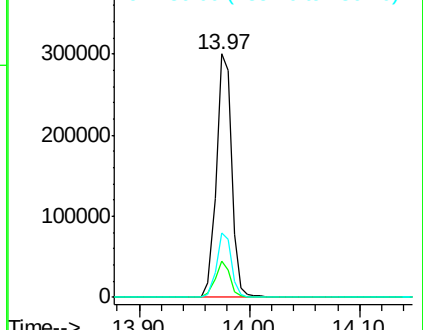
236 26.3 20.7 31.1



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: 84.112 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104522.D

Acq: 14 Apr 2018 12:54

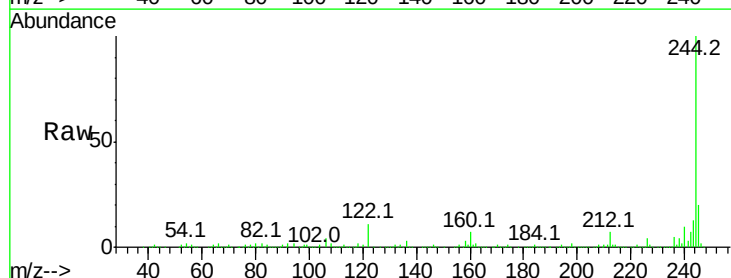
Tgt Ion:244 Resp: 1072373

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

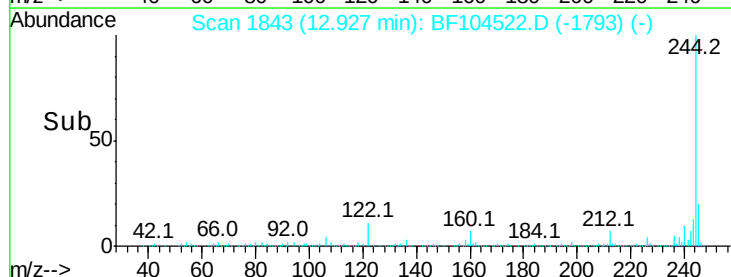
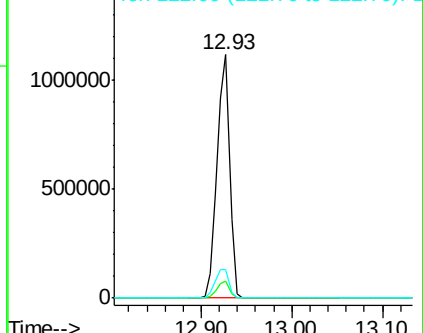
122 11.5 11.0 16.4

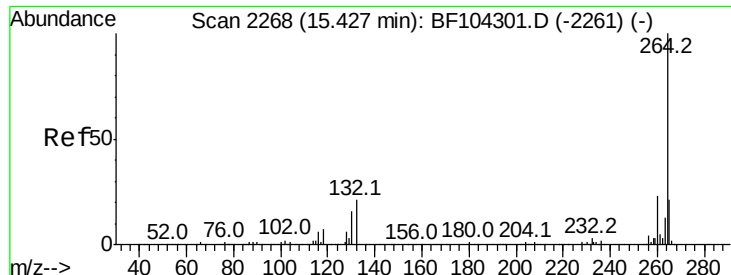


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
 Lab File: BF104522.D
 Acq: 14 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 219584
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.1 17.5 26.3

