

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104552.D
 Acq On : 17 Apr 2018 00:00
 Operator : JU/SJ
 Sample : J2386-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 00:59:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

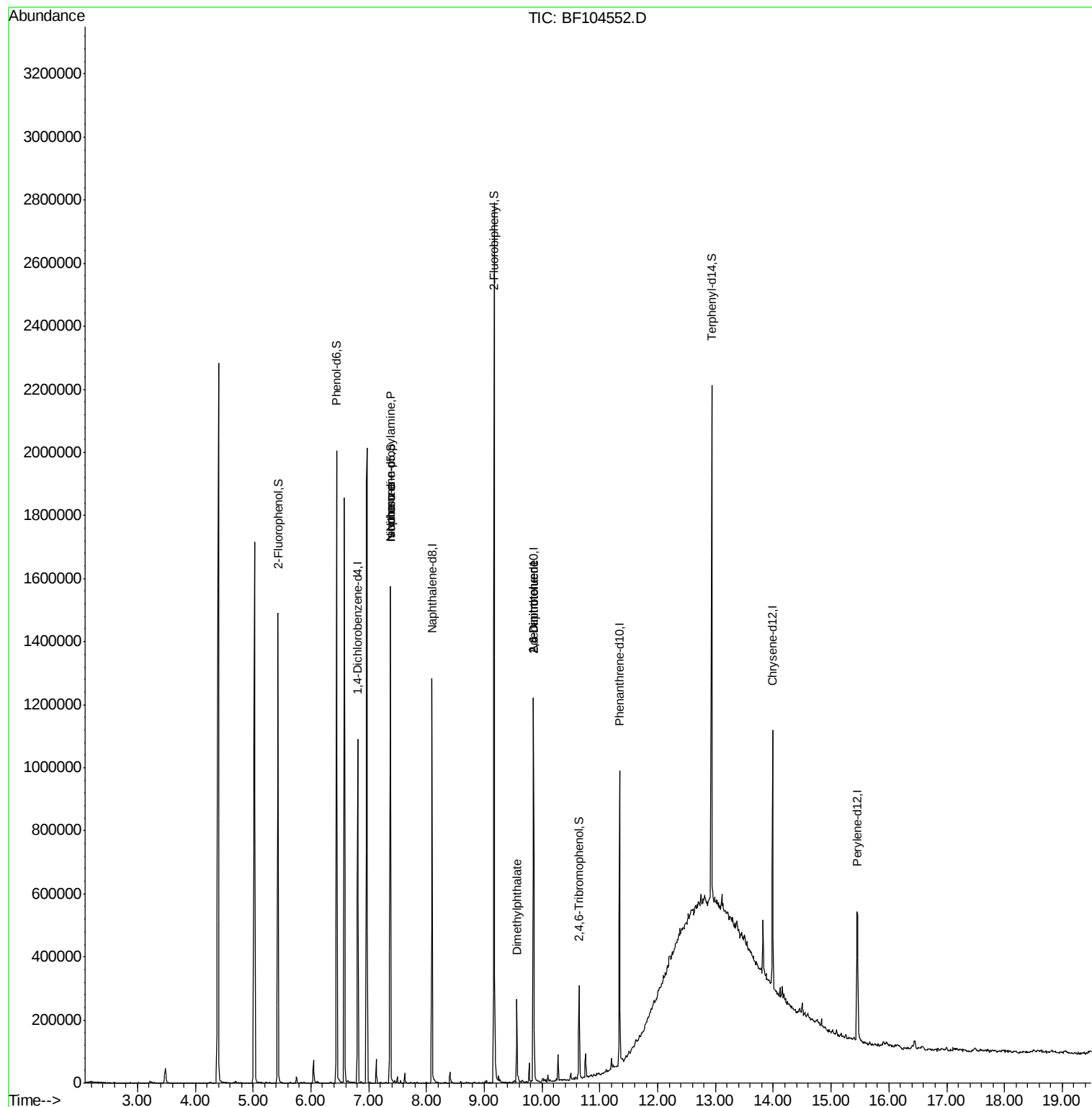
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145171	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574826	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	229540	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	331224	20.00	ng	0.00
75) Chrysene-d12	13.99	240	271396	20.00	ng	0.00
86) Perylene-d12	15.45	264	197038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	395330	41.64	ng	0.00
7) Phenol-d6	6.45	99	674779	57.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	490769	55.75	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	34871	14.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	891919	61.38	ng	0.00
78) Terphenyl-d14	12.93	244	607988	51.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1243	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.37	70	62468	8.195 ng	#	74
25) Isophorone	7.37	82	490764	26.363 ng	#	64
49) Dimethylphthalate	9.56	163	112821	6.233 ng		100
50) 2,6-Dinitrotoluene	9.85	165	29487	8.804 ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	29487	6.712 ng	#	23
76) Benzydine	12.93	184	7896	Below Cal	#	95

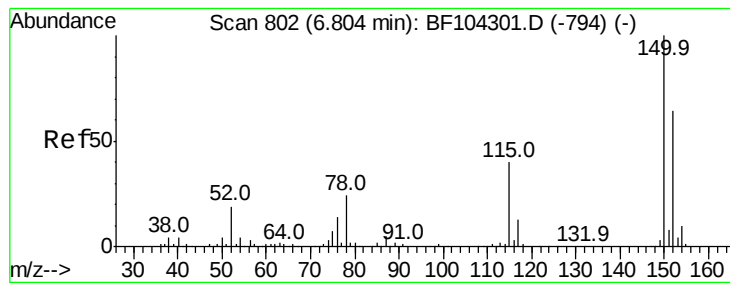
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104552.D
Acq On : 17 Apr 2018 00:00
Operator : JU/SJ
Sample : J2386-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 17 00:59:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

Instrument :

BNA_F

ClientSampleId :

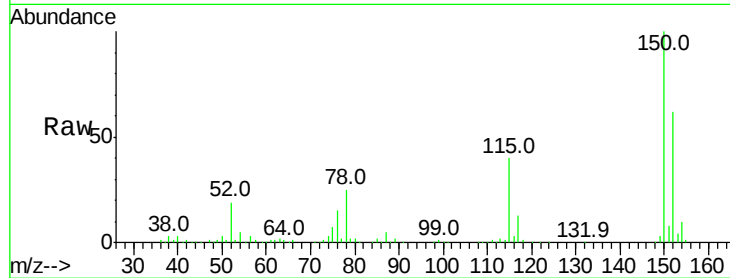
Tot Ion:152 Resp: 145171

Ion Ratio Lower Upper

152 100

150 160.1 124.6 186.8

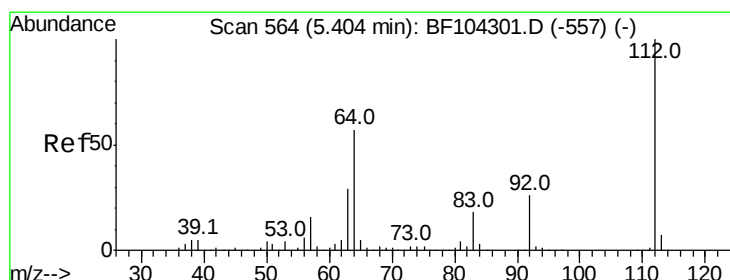
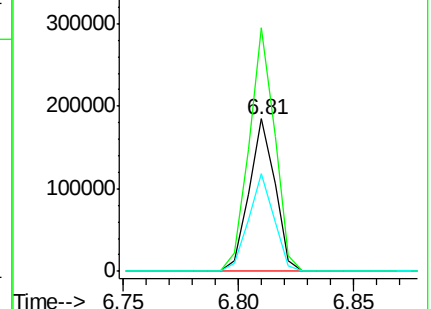
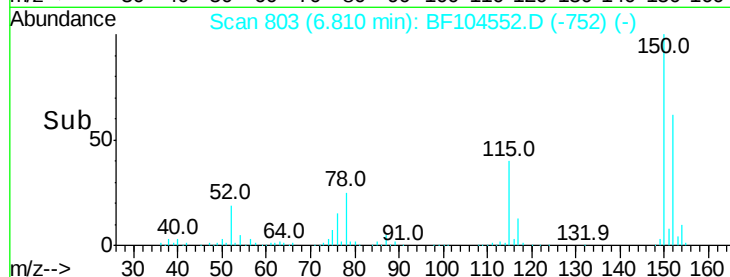
115 63.8 50.1 75.1



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: 41.639 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

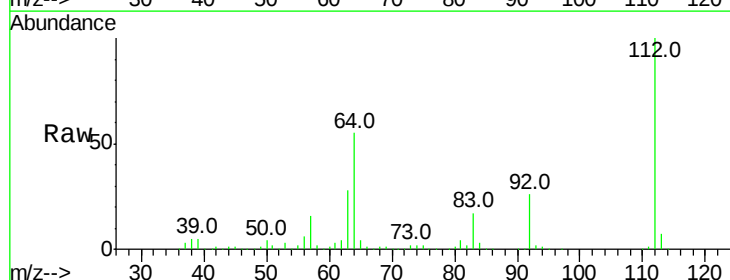
Tgt Ion:112 Resp: 395330

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

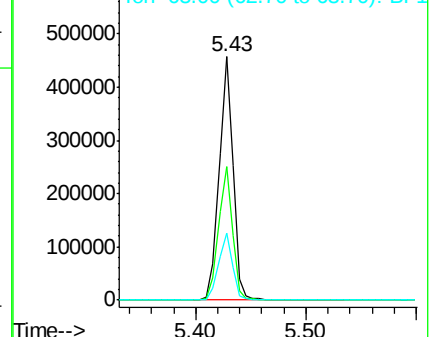
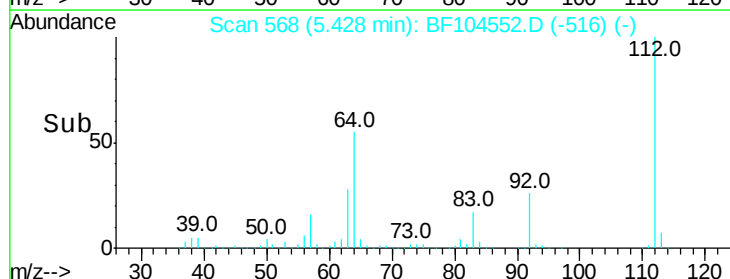
63 27.7 23.7 35.5



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: 57.845 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

Instrument :

BNA_F

ClientSampleId :

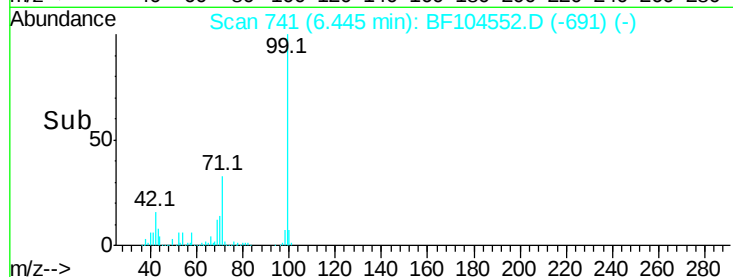
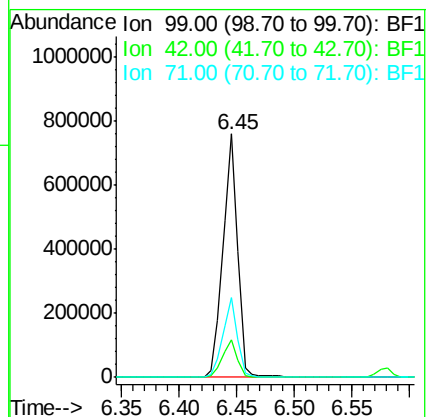
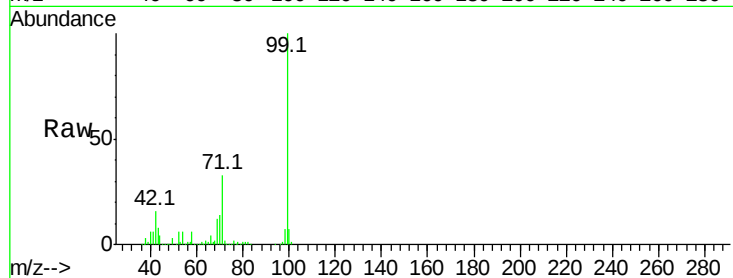
Tot Ion: 99 Resp: 674779

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.195 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

Tgt Ion: 70 Resp: 62468

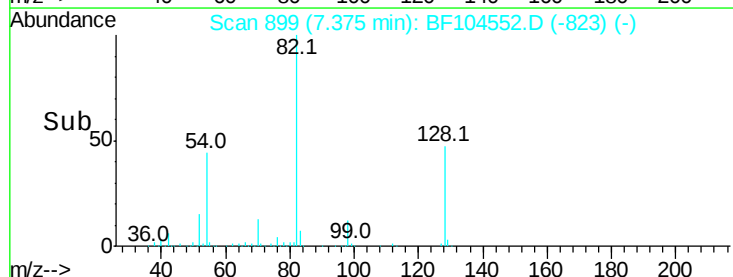
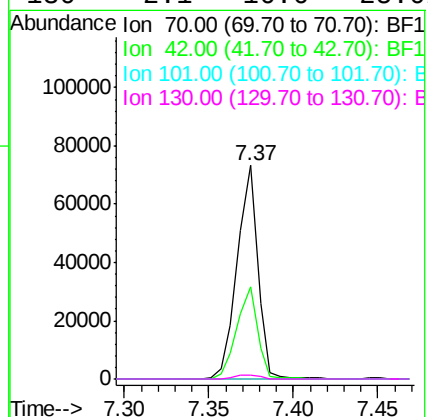
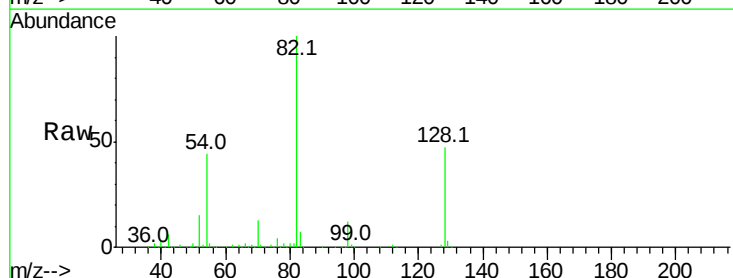
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

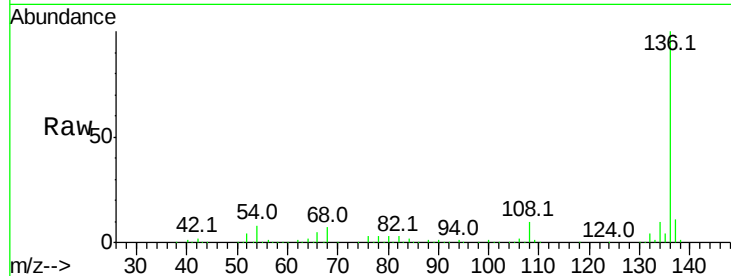




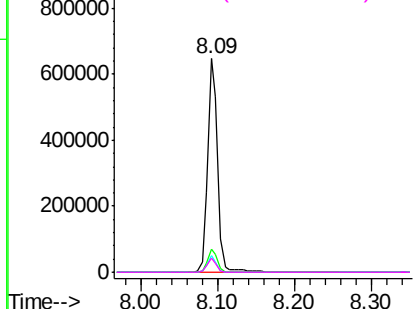
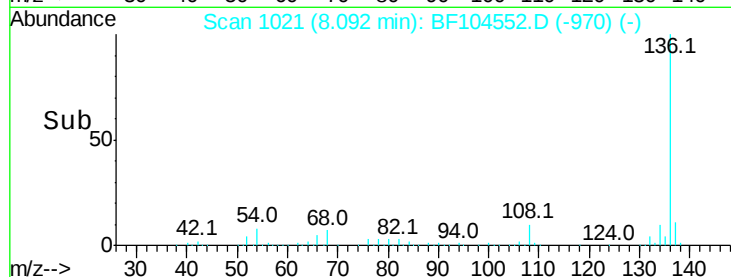
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	574826
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.6	5.0	7.4

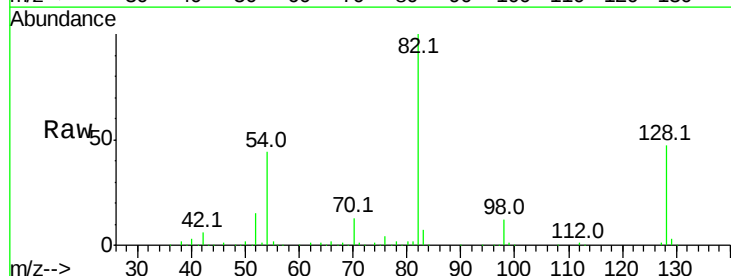


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

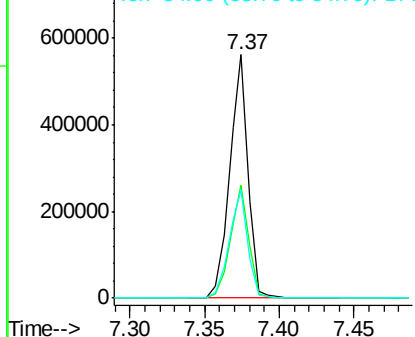
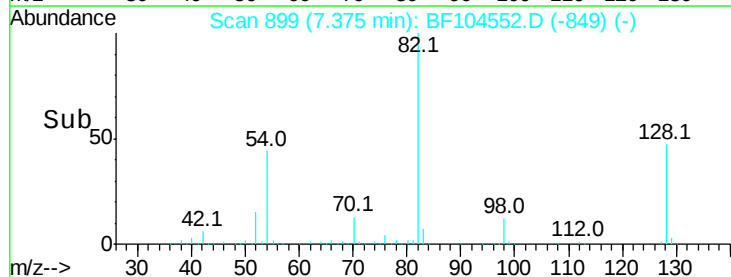


#23
Nitrobenzene-d5
Concen: 55.750 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

Tgt Ion:	82	Resp:	490769
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.4	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: 26.363 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

Instrument :

BNA_F

ClientSampleId :

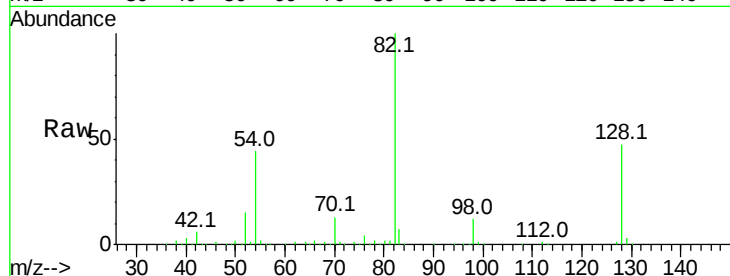
Tot Ion: 82 Resp: 490764

Ion Ratio Lower Upper

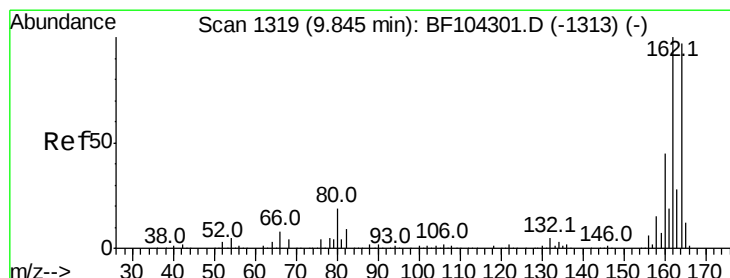
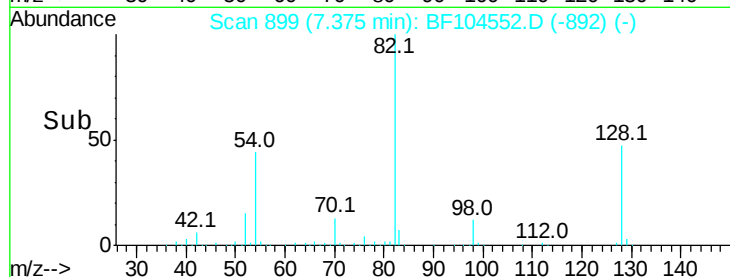
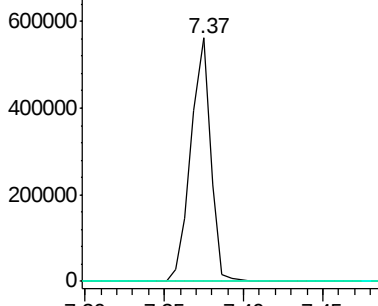
82 100

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# 1320

Delta R.T. -0.00 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

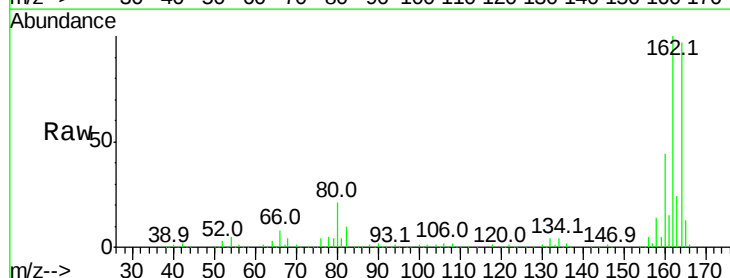
Tgt Ion:164 Resp: 229540

Ion Ratio Lower Upper

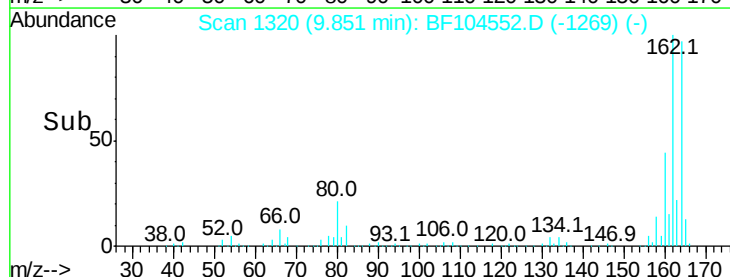
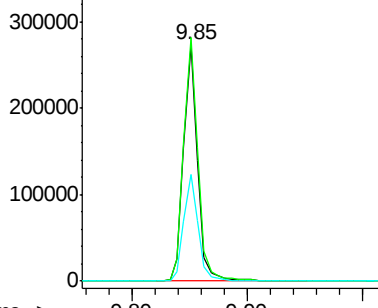
164 100

162 103.0 86.1 129.1

160 45.2 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

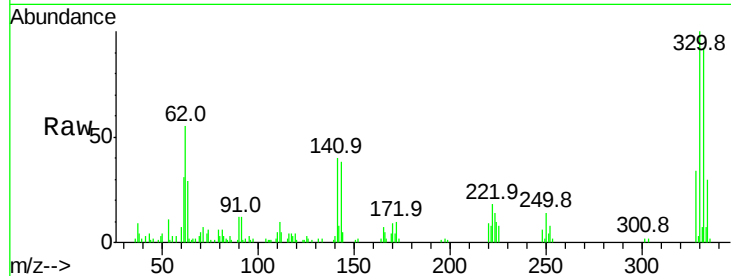




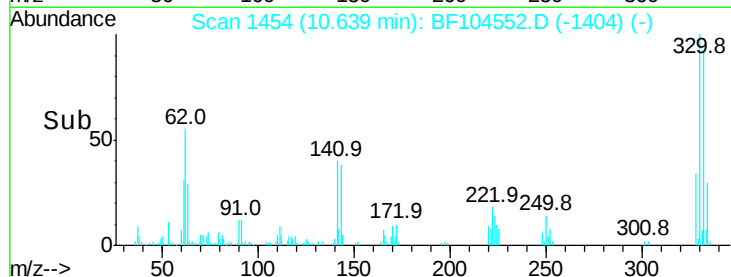
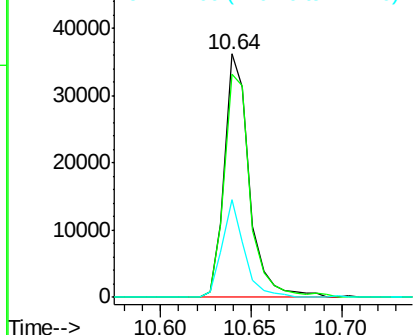
#41
 2,4,6-Tribromophenol
 Concen: 14.645 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104552.D
 Acq: 17 Apr 2018 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 34871
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 35.5 29.9 44.9

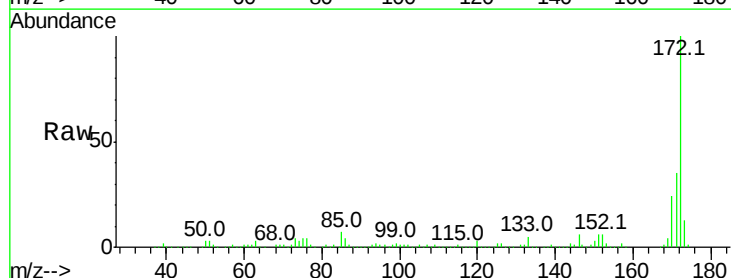


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

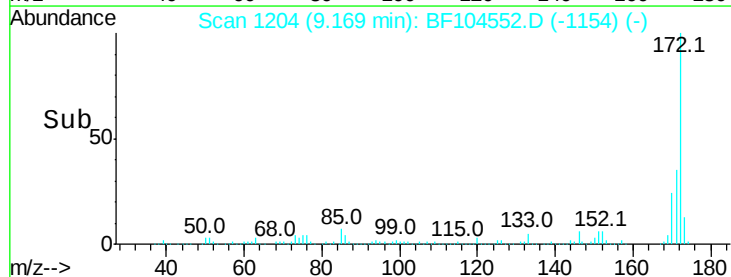
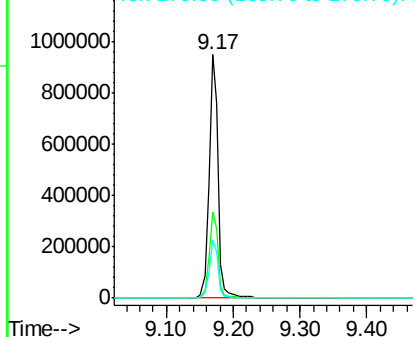


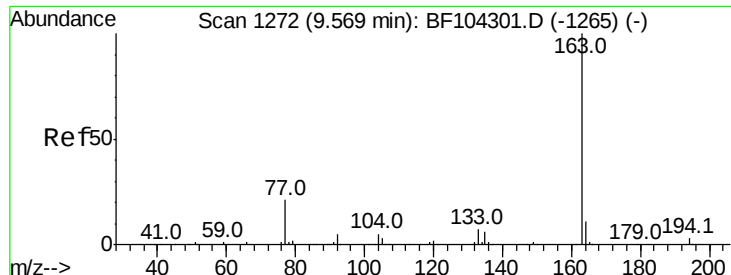
#44
 2-Fluorobiphenyl
 Concen: 61.384 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104552.D
 Acq: 17 Apr 2018 00:00

Tgt Ion:172 Resp: 891919
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.7 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

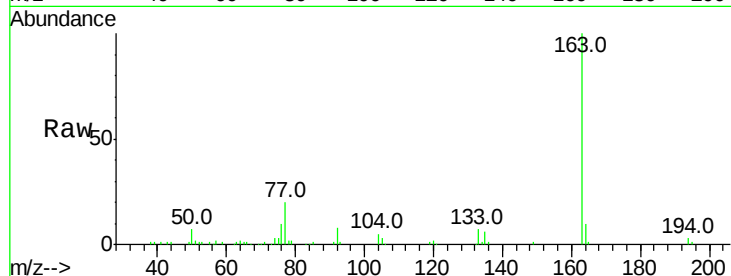




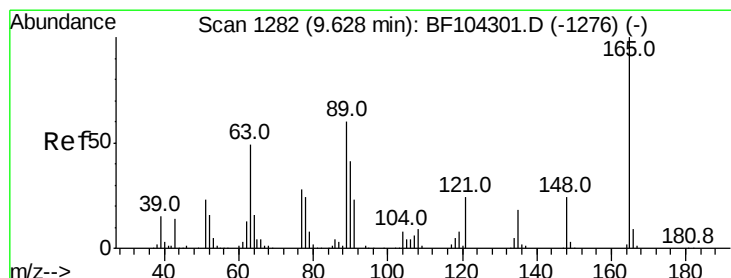
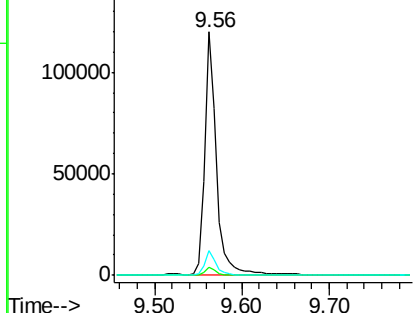
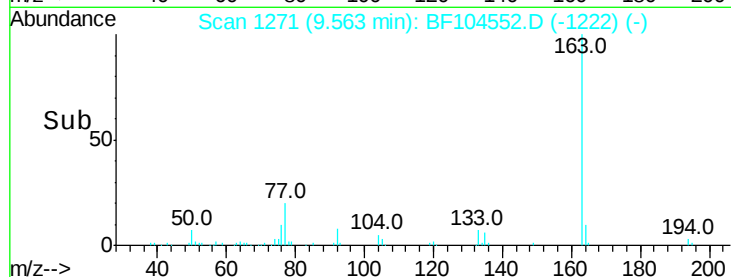
#49
Dimethylphthalate
Concen: 6.233 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 112821
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

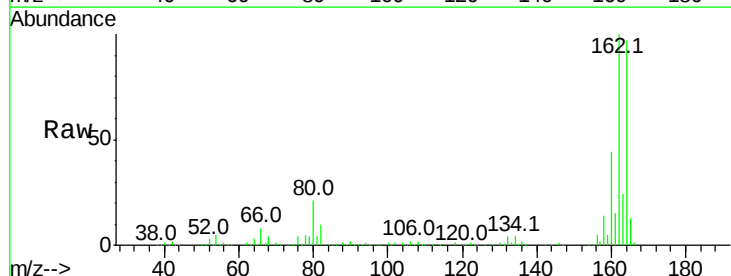


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

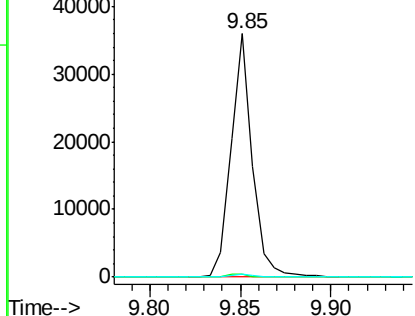
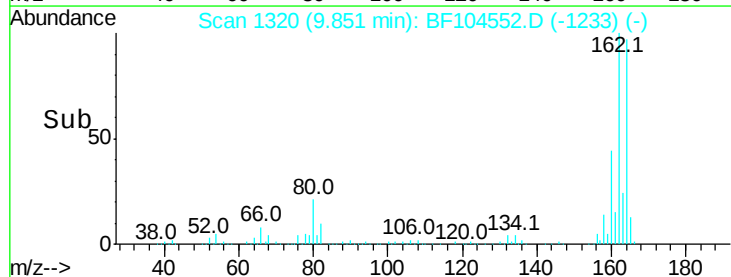


#50
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

Tgt Ion:165 Resp: 29487
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.4 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

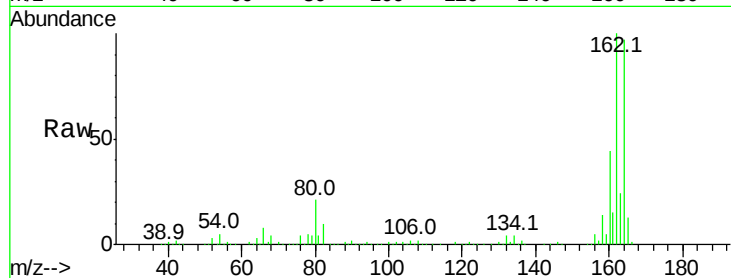




#56
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

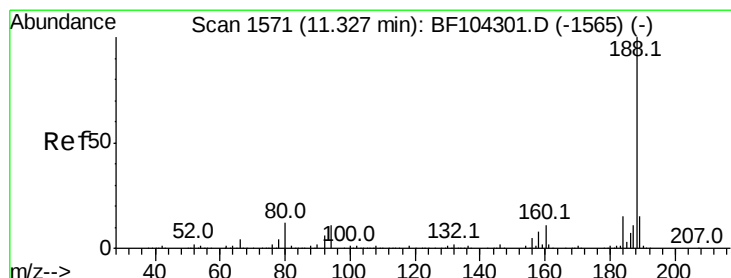
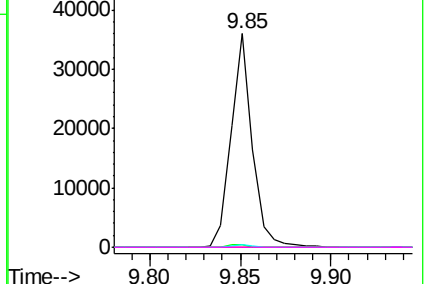
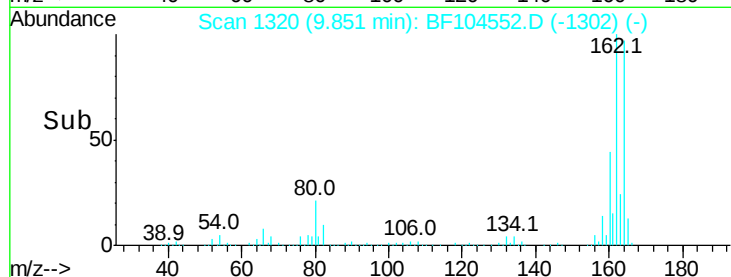


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

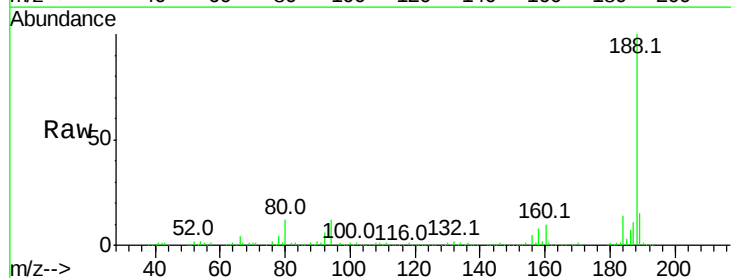
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

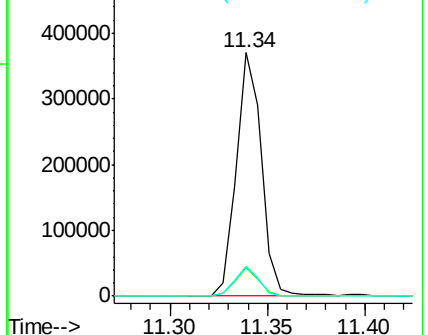
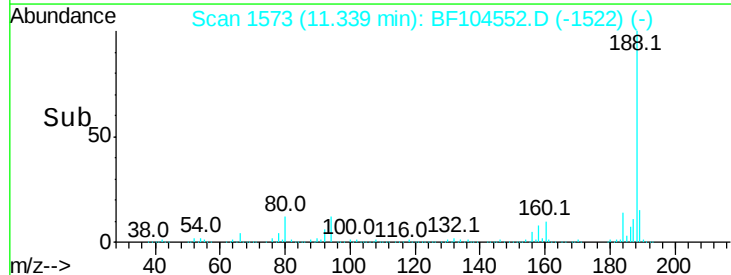
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.1	9.2	13.8

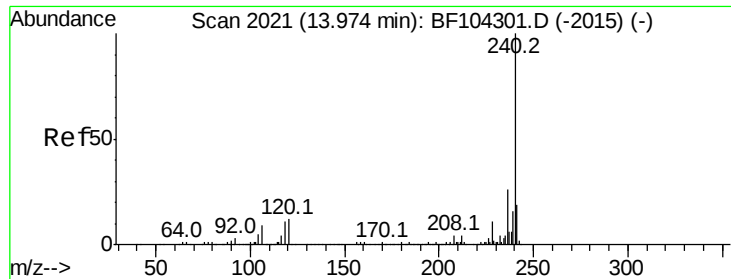


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

Instrument :

BNA_F

ClientSampleId :

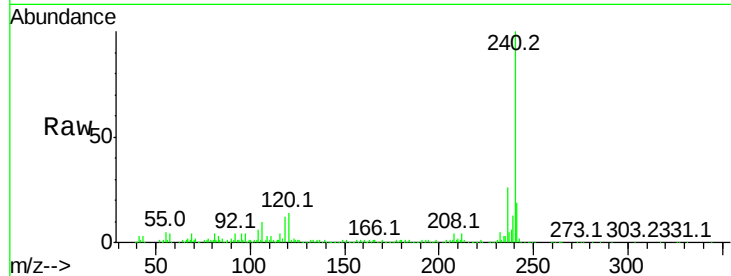
Tot Ion:240 Resp: 271396

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

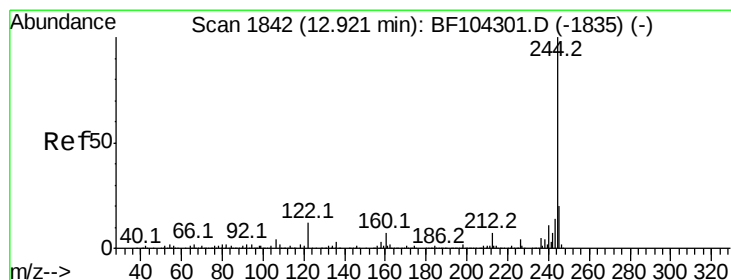
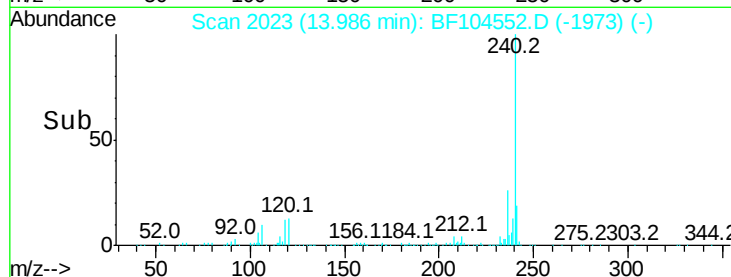
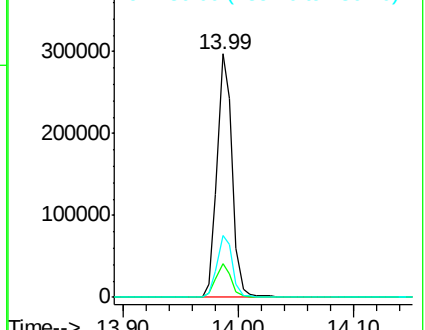
236 25.6 20.7 31.1



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: 51.073 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104552.D

Acq: 17 Apr 2018 00:00

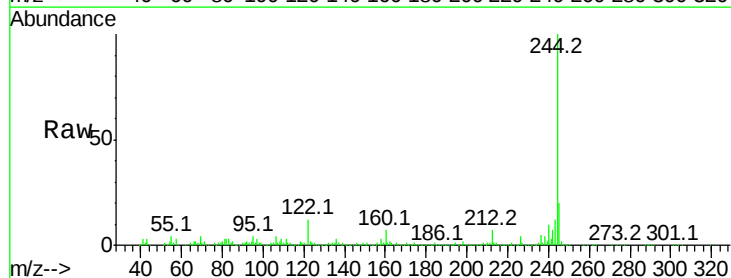
Tgt Ion:244 Resp: 607988

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

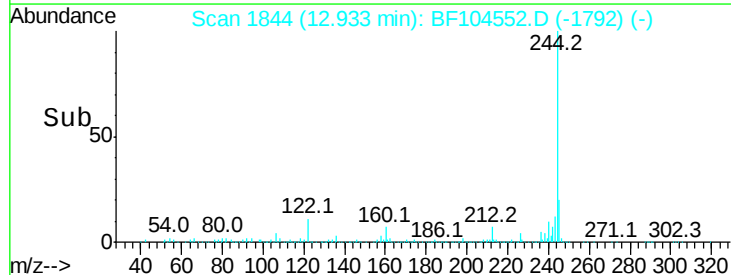
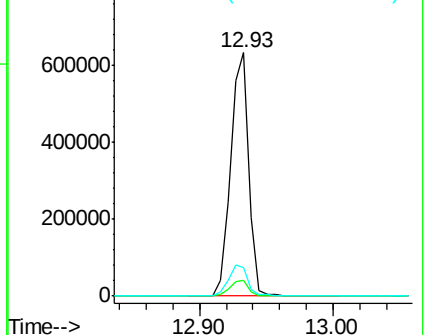
122 11.7 11.0 16.4

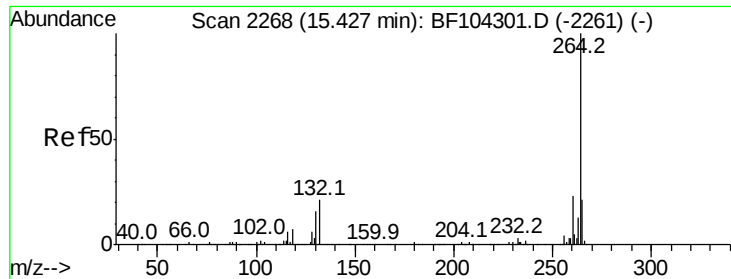


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104552.D
Acq: 17 Apr 2018 00:00

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

