

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104554.D
 Acq On : 17 Apr 2018 00:53
 Operator : JU/SJ
 Sample : J2386-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 02:12:25 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

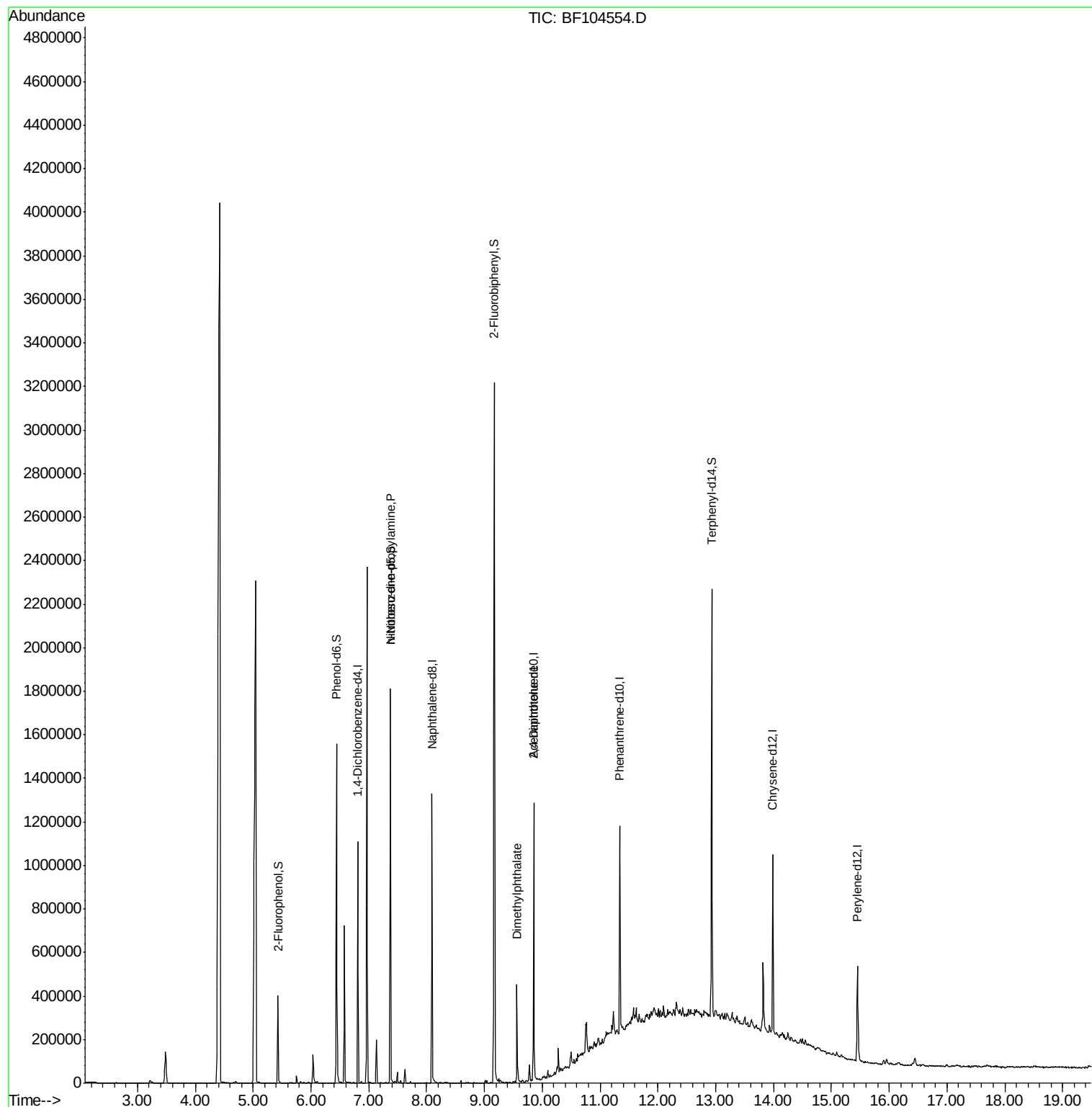
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145893	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	584776	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240922	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	338121	20.00	ng	0.00
75) Chrysene-d12	13.99	240	269014	20.00	ng	0.00
86) Perylene-d12	15.46	264	203525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	115270	12.08	ng	0.00
7) Phenol-d6	6.45	99	546362	46.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	579174	64.67	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	2386	0.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1023484	67.11	ng	0.00
78) Terphenyl-d14	12.93	244	693518	58.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	3991	Below Cal		80
19) n-Nitroso-di-n-propylamine	7.37	70	74761	9.759 ng	#	74
49) Dimethylphthalate	9.56	163	189783	9.989 ng		100
56) 2,4-Dinitrotoluene	9.85	165	30525	6.620 ng	#	24
76) Benzidine	12.93	184	9813	Below Cal		94

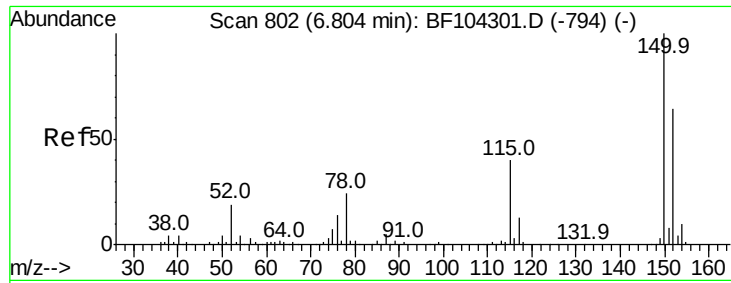
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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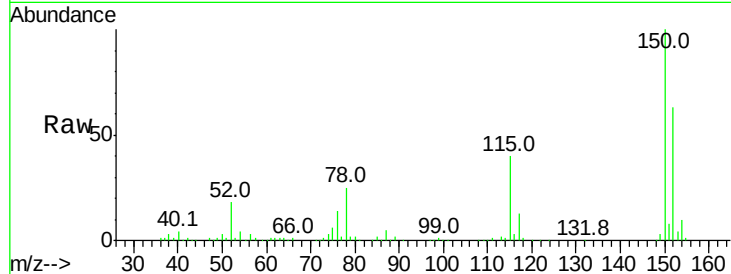


#1

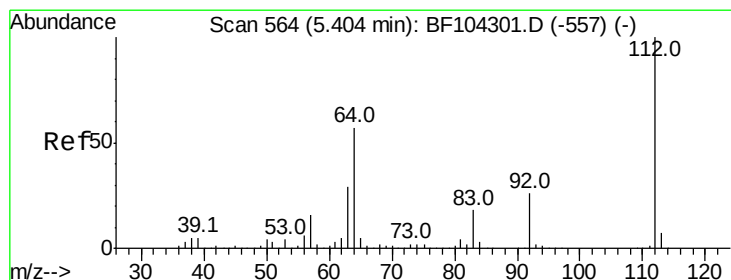
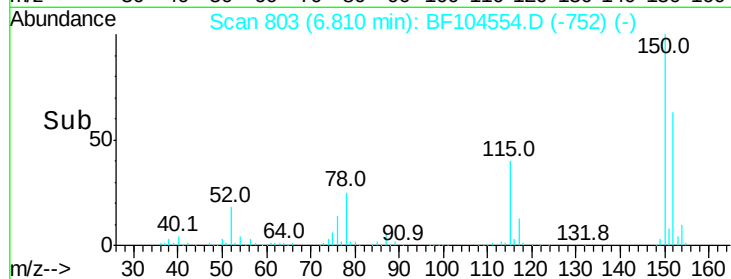
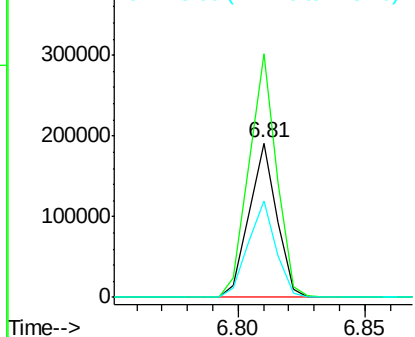
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104554.D
Acq: 17 Apr 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145893
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.5 50.1 75.1



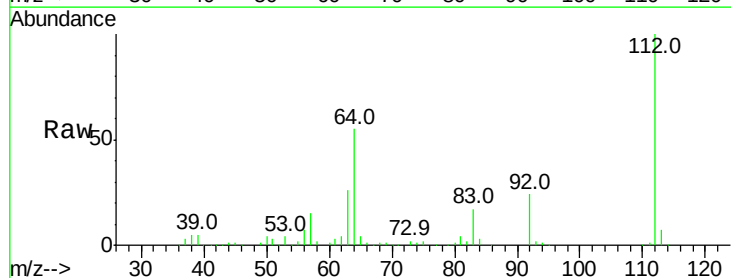
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



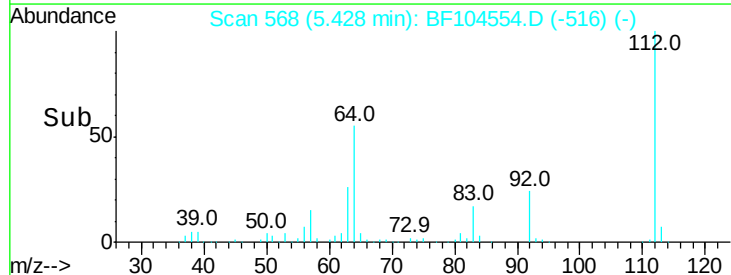
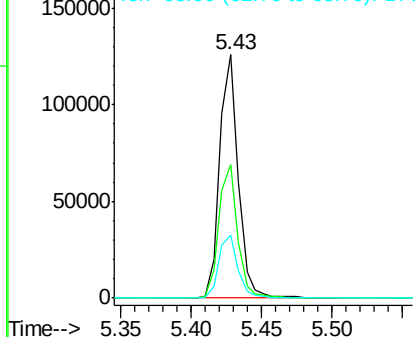
#5

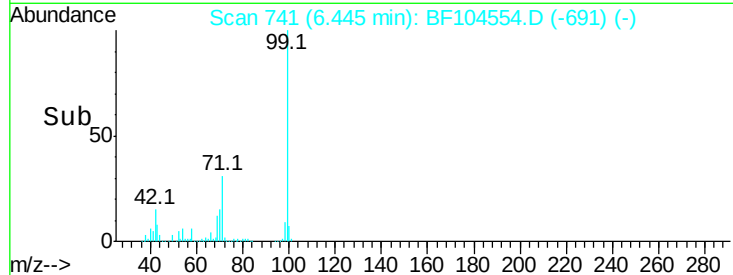
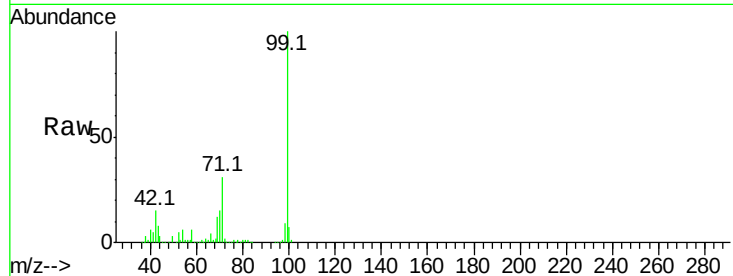
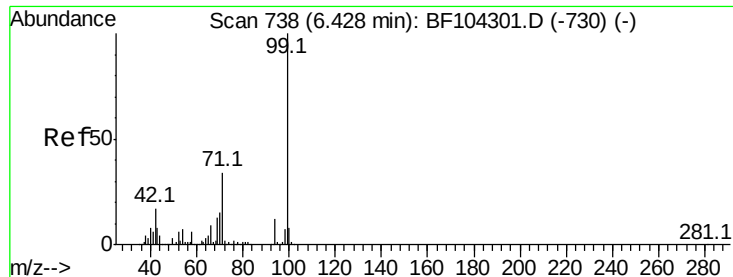
2-Fluorophenol
Concen: 12.081 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104554.D
Acq: 17 Apr 2018 00:53

Tgt Ion:112 Resp: 115270
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 26.0 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: 46.605 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104554.D

Acq: 17 Apr 2018 00:53

Instrument :

BNA_F

ClientSampleId :

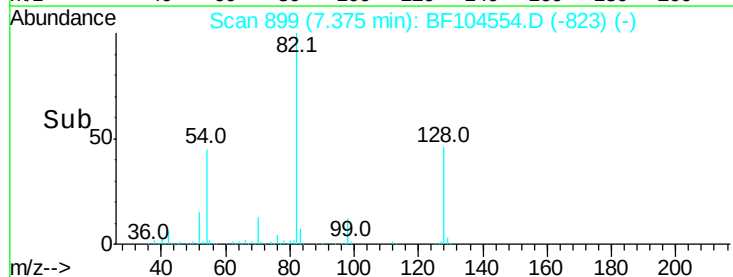
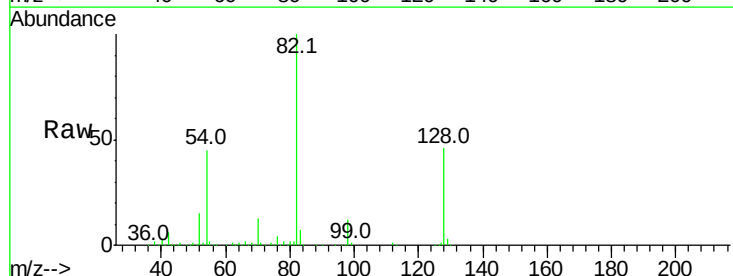
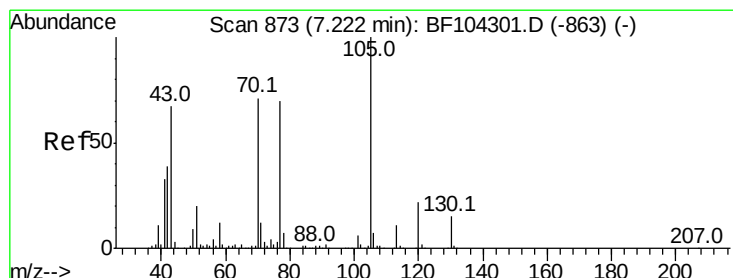
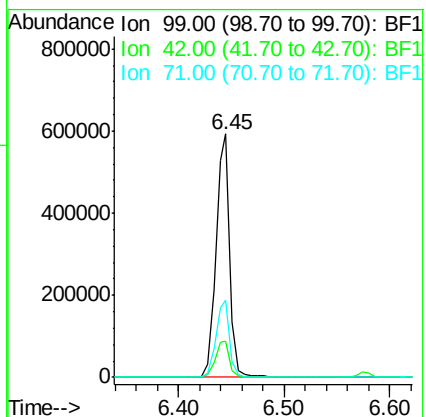
Tot Ion: 99 Resp: 546362

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 31.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.759 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104554.D

Acq: 17 Apr 2018 00:53

Tgt Ion: 70 Resp: 74761

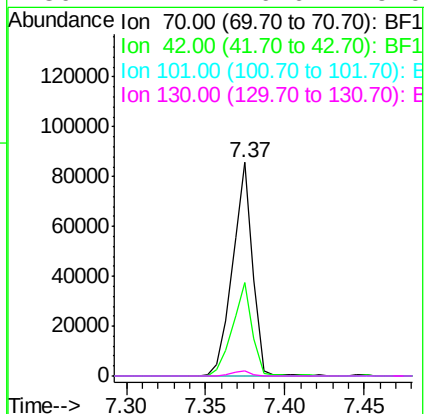
Ion Ratio Lower Upper

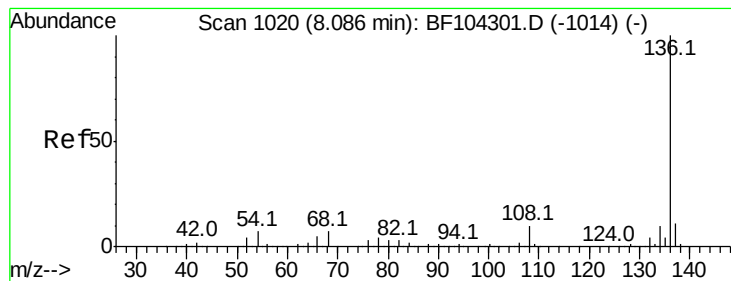
70 100

42 43.7 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# 1021

Delta R.T. -0.00 min

Lab File: BF104554.D

Acq: 17 Apr 2018 00:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 584776

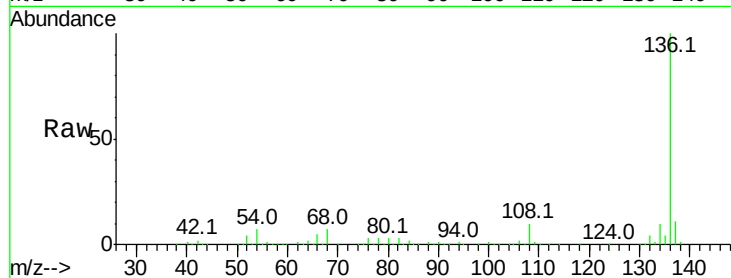
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 6.5 5.0 7.4

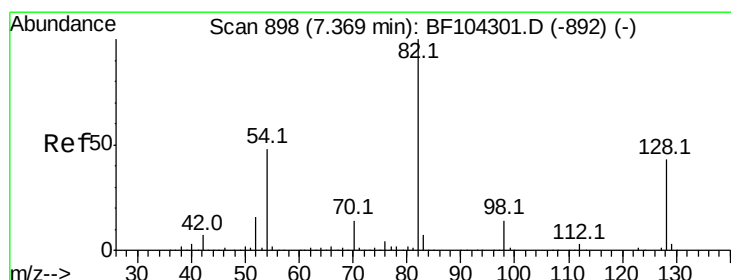
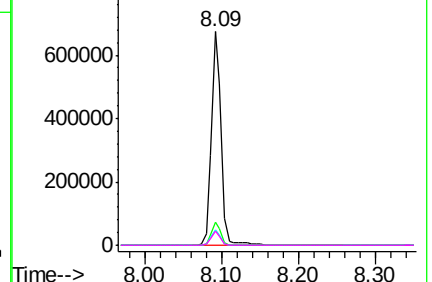
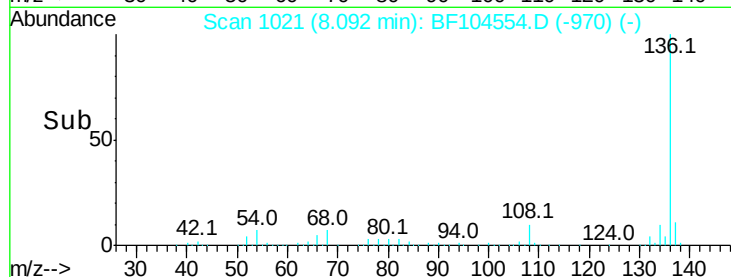


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.673 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104554.D

Acq: 17 Apr 2018 00:53

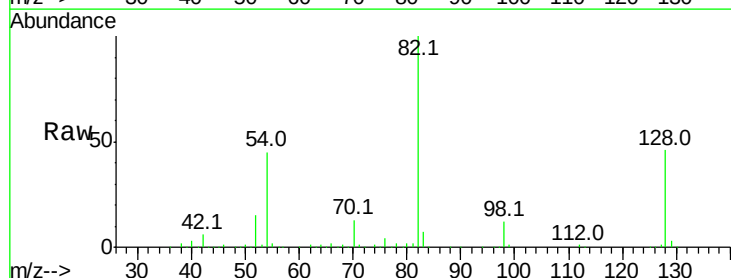
Tgt Ion: 82 Resp: 579174

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

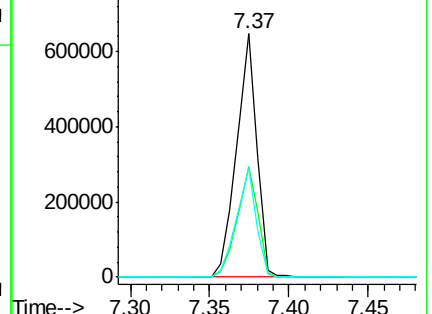
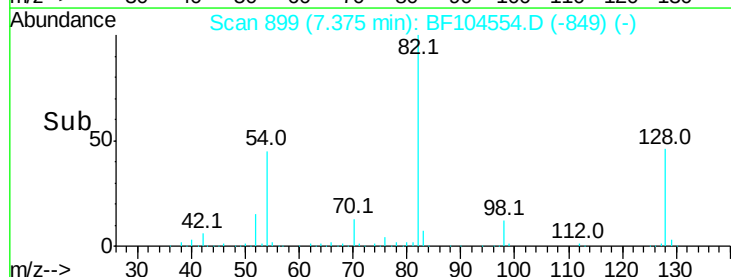
54 44.9 41.4 62.2

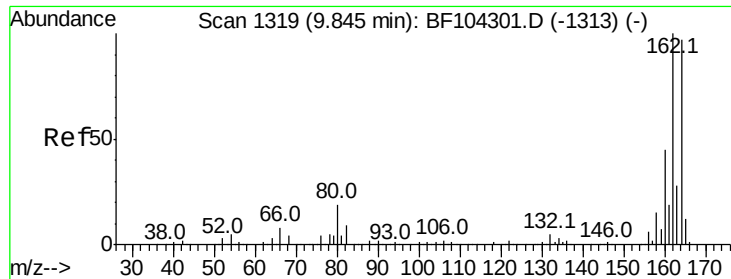


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

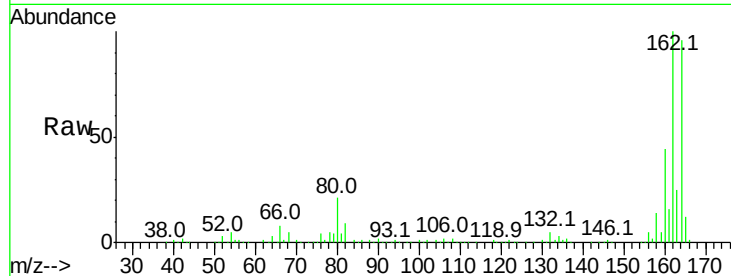




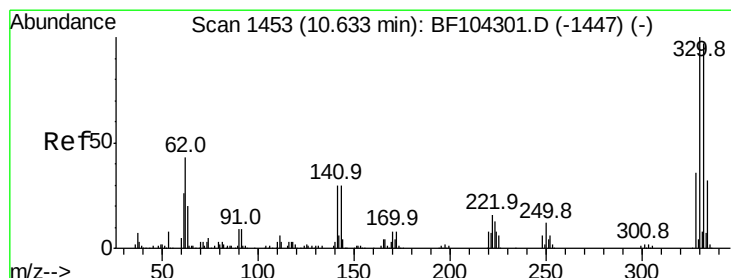
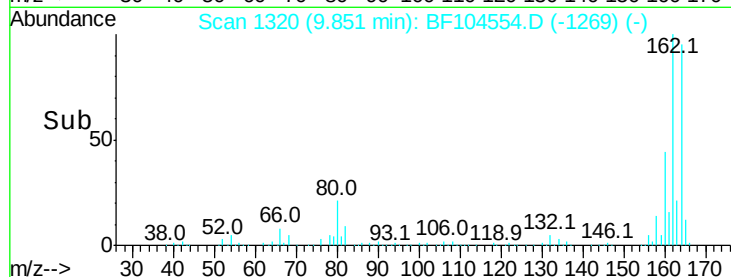
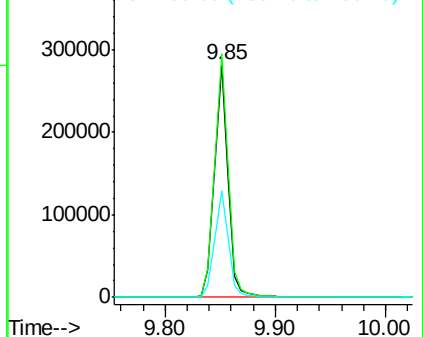
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104554.D
Acq: 17 Apr 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 240922
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 45.9 38.3 57.5

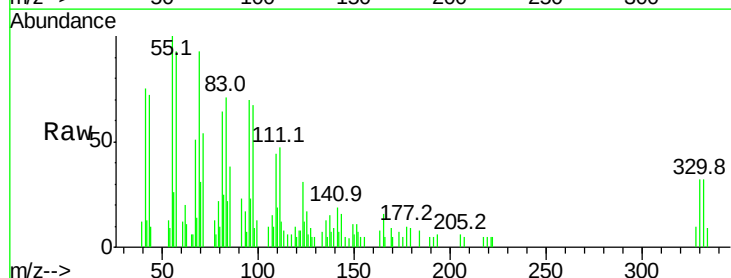


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

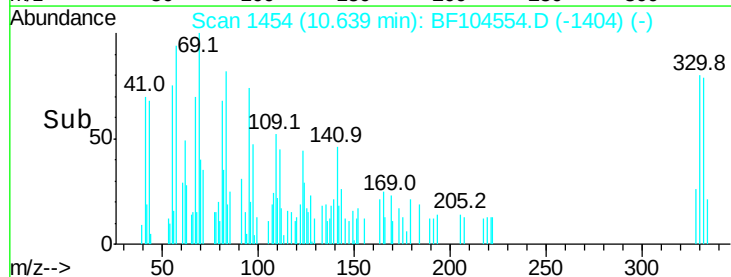
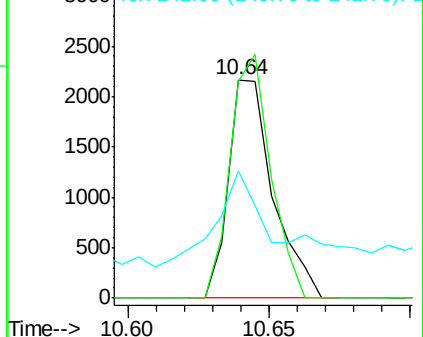


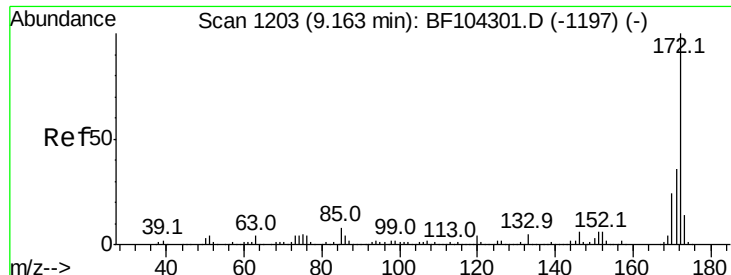
#41
2,4,6-Tribromophenol
Concen: 0.955 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104554.D
Acq: 17 Apr 2018 00:53

Tgt Ion:330 Resp: 2386
Ion Ratio Lower Upper
330 100
332 100.6 77.0 115.6
141 46.4 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

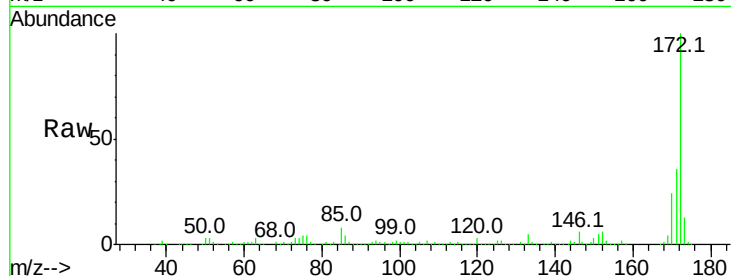




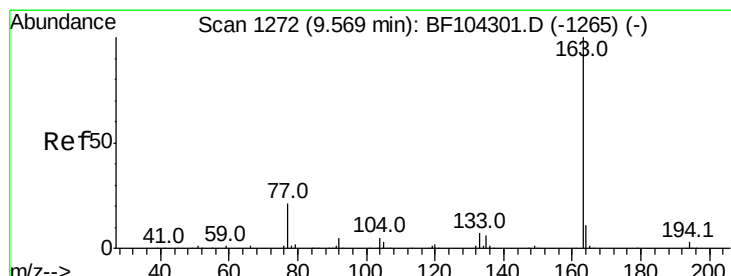
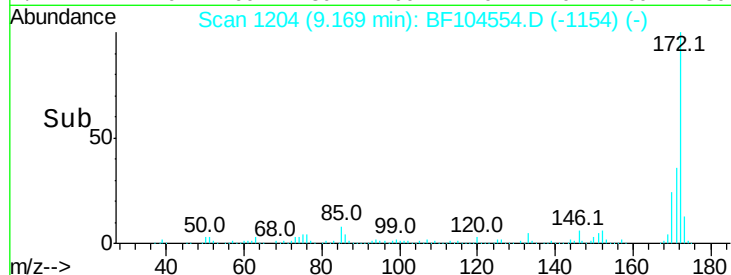
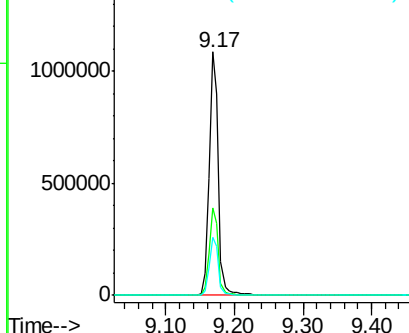
#44
2-Fluorobiphenyl
Concen: 67.111 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104554.D
Acq: 17 Apr 2018 00:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1023484
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.6 19.6 29.4

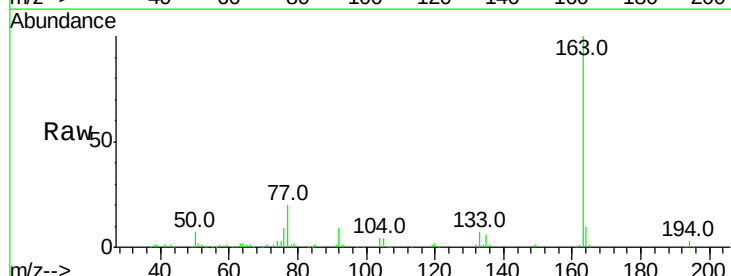


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

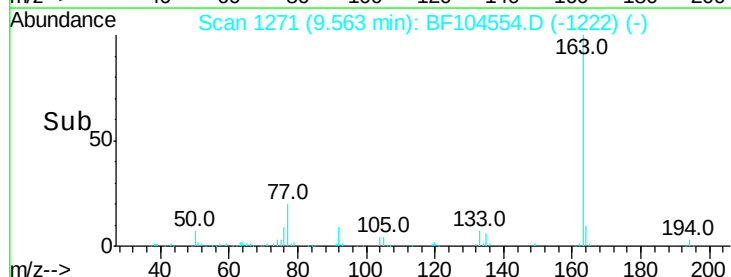
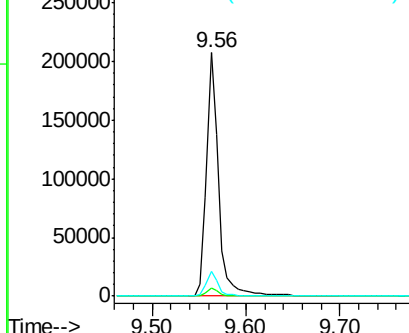


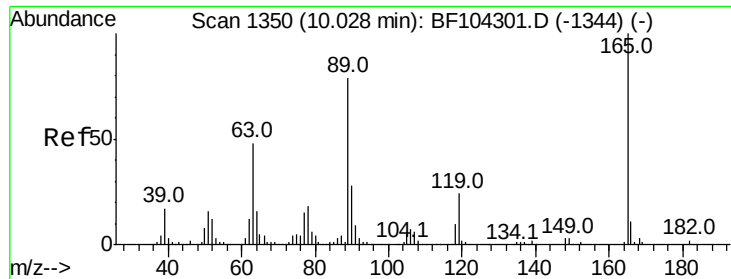
#49
Dimethylphthalate
Concen: 9.989 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104554.D
Acq: 17 Apr 2018 00:53

Tgt Ion:163 Resp: 189783
Ion Ratio Lower Upper
163 100
194 3.1 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

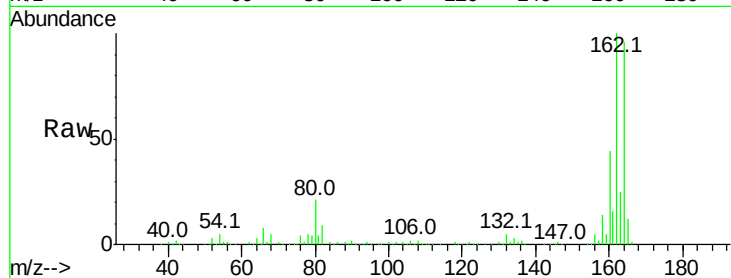




#56
 2,4-Dinitrotoluene
 Concen: 6.620 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104554.D
 Acq: 17 Apr 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

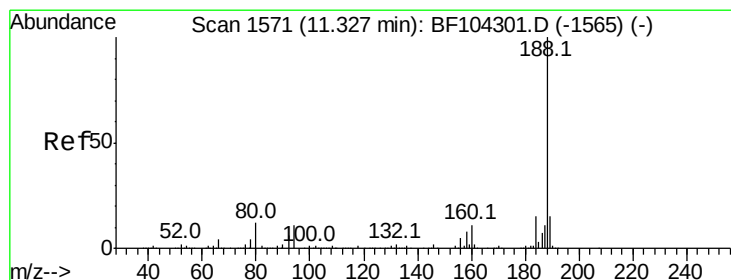
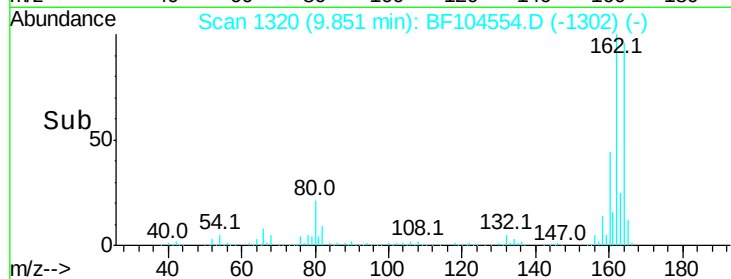
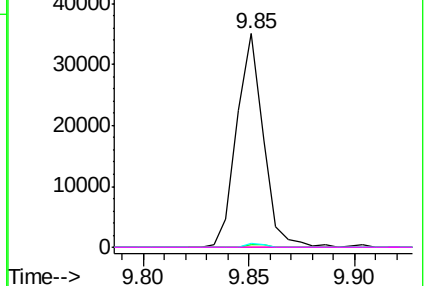


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

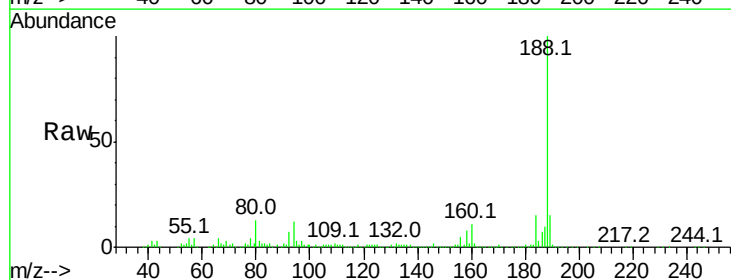
Ion 89.00 (88.70 to 89.70): BF1

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: BF104554.D
 Acq: 17 Apr 2018 00:53

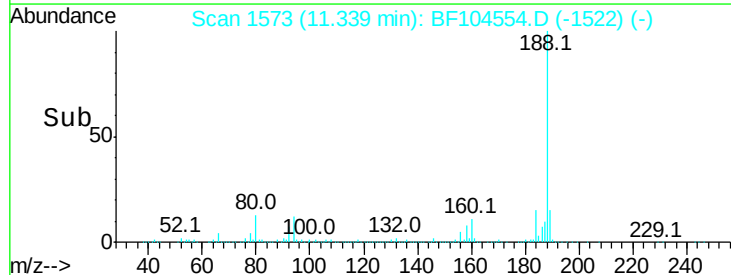
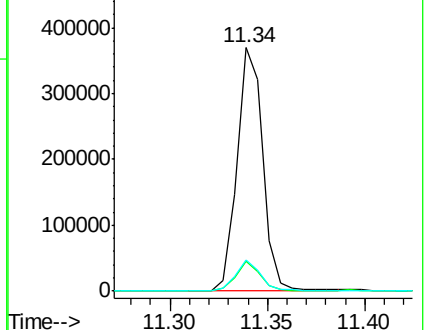
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	13.0	9.2	13.8

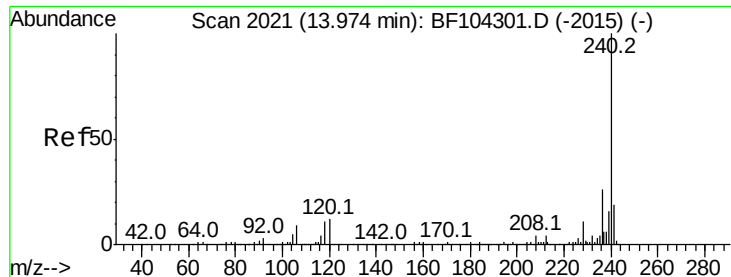


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF104554.D

Acq: 17 Apr 2018 00:53

Instrument :

BNA_F

ClientSampleId :

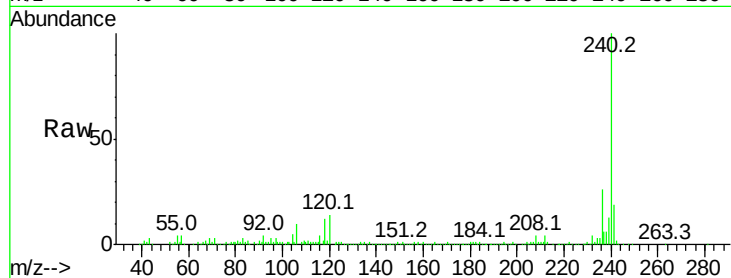
Tot Ion:240 Resp: 269014

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

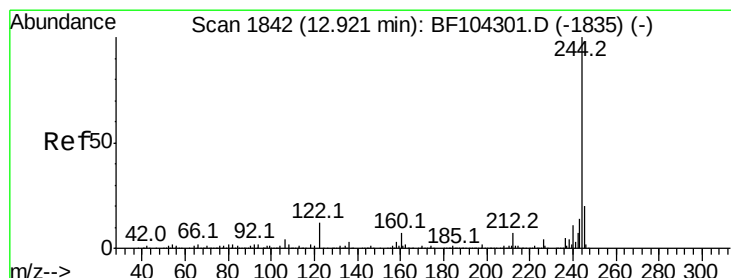
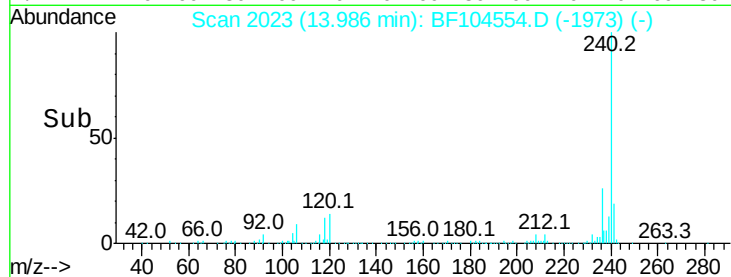
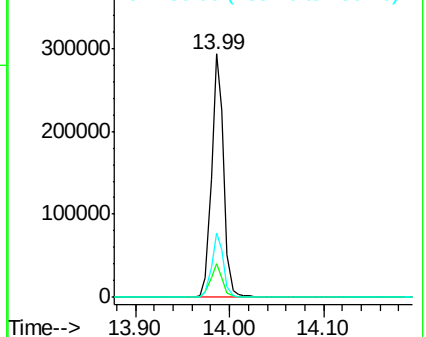
236 26.4 20.7 31.1



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: 58.774 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104554.D

Acq: 17 Apr 2018 00:53

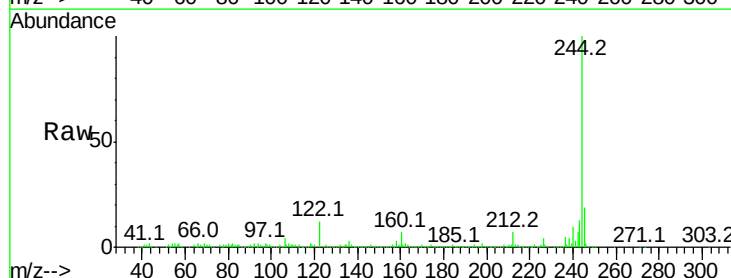
Tgt Ion:244 Resp: 693518

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

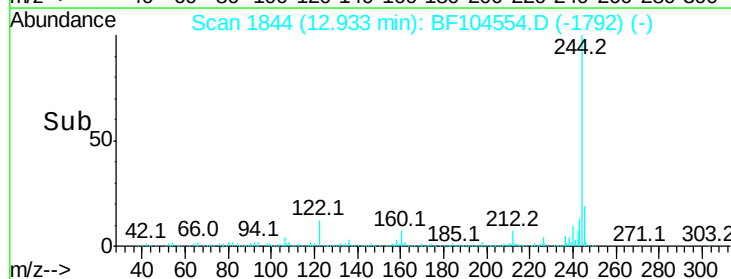
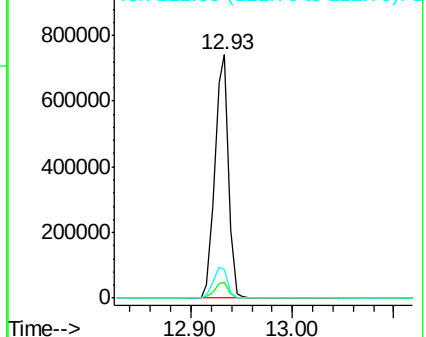
122 11.9 11.0 16.4

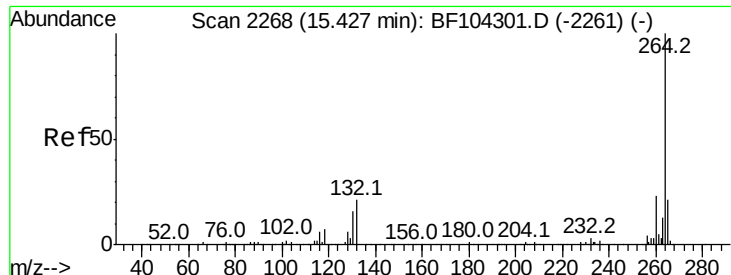


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

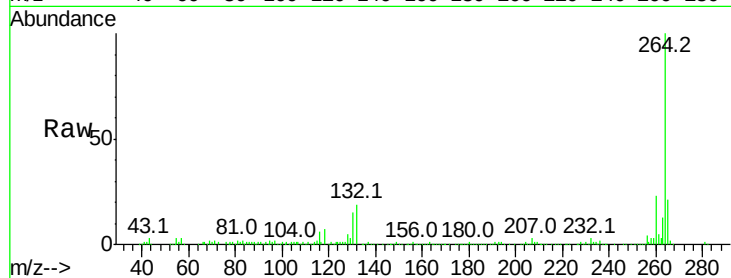




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104554.D
 Acq: 17 Apr 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	203525
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	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

