

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104661.D
 Acq On : 20 Apr 2018 6:59
 Operator : JU/SJ
 Sample : J2447-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 08:11:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

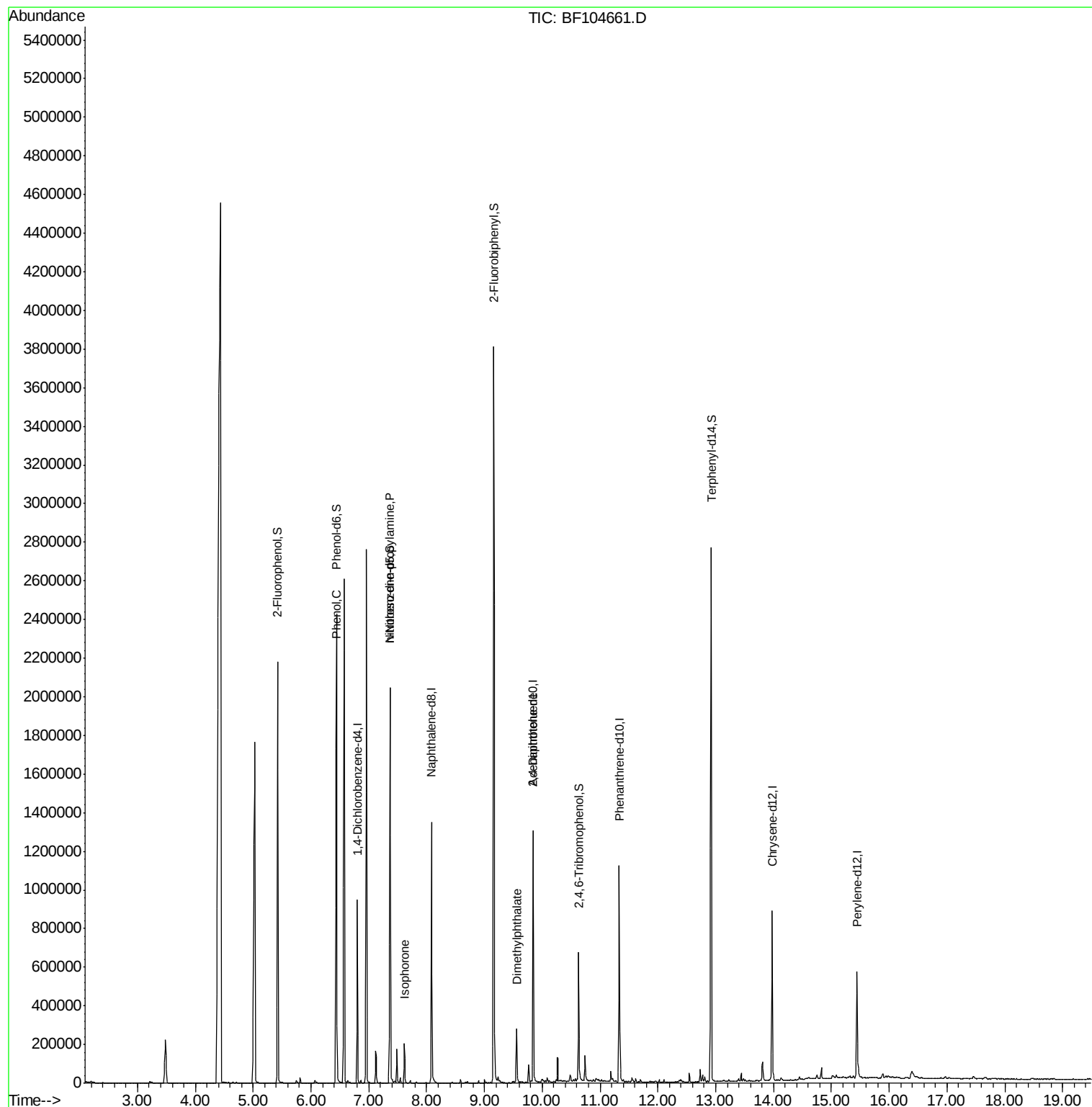
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144531	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	597228	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	259731	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	418794	20.00	ng	0.00
75) Chrysene-d12	13.97	240	289364	20.00	ng	-0.01
86) Perylene-d12	15.44	264	258588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	632323	66.90	ng	0.00
7) Phenol-d6	6.44	99	1019442	87.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	747994	81.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	89715	33.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1281963	77.97	ng	0.00
78) Terphenyl-d14	12.92	244	964269	75.97	ng	0.00
Target Compounds						
10) Phenol	6.45	94	28087	2.279	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	97136	12.799	ng	# 72
25) Isophorone	7.62	82	73613	3.806	ng	98
49) Dimethylphthalate	9.56	163	125311	6.118	ng	99
56) 2,4-Dinitrotoluene	9.84	165	33197	6.678	ng	# 23
76) Benzidine	12.92	184	12721	Below Cal		97

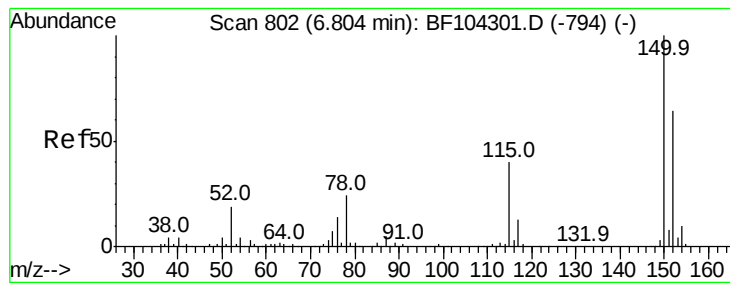
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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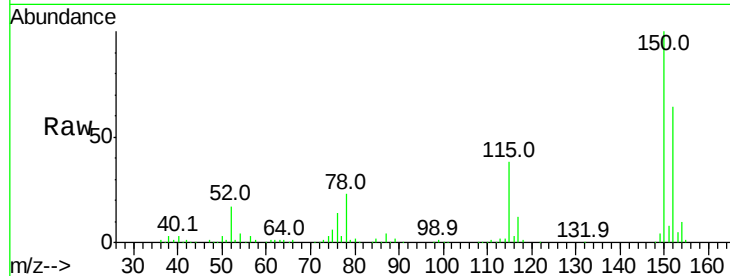


#1

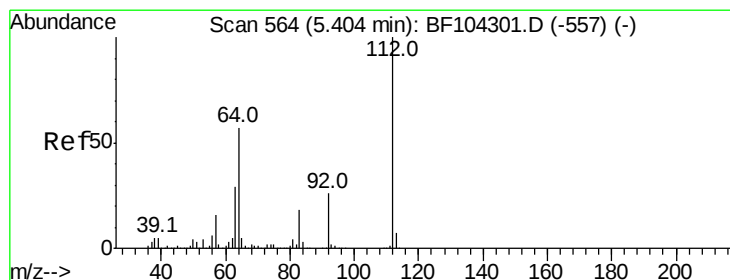
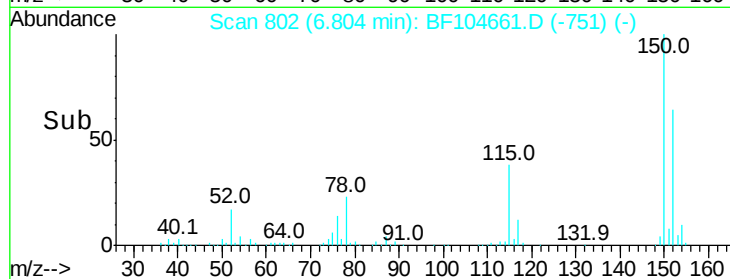
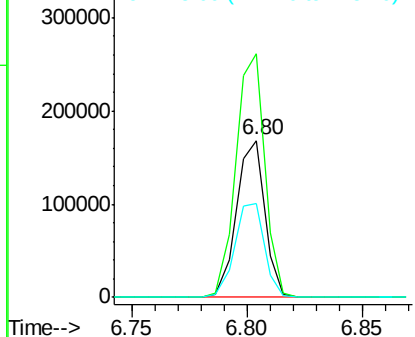
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144531
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 59.5 50.1 75.1



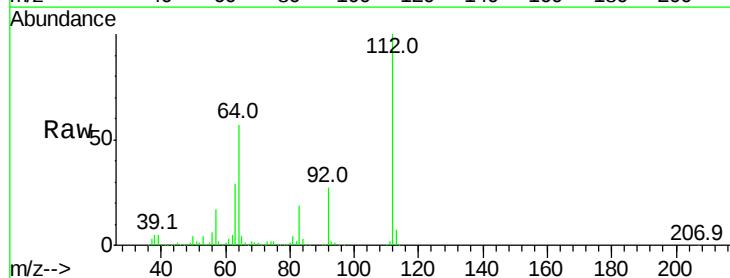
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



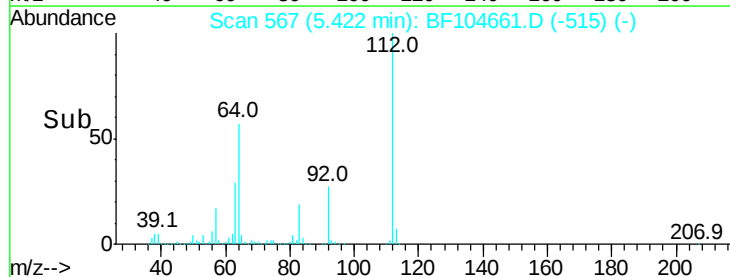
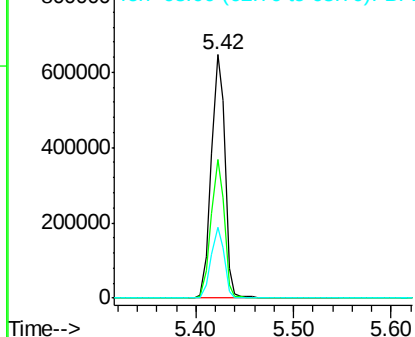
#5

2-Fluorophenol
Concen: 66.896 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Tgt Ion:112 Resp: 632323
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 29.2 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: 87.778 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104661.D

Acq: 20 Apr 2018 6:59

Instrument :

BNA_F

ClientSampleId :

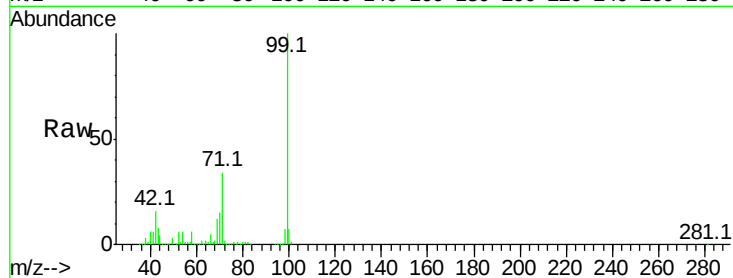
Tot Ion: 99 Resp: 1019442

Ion Ratio Lower Upper

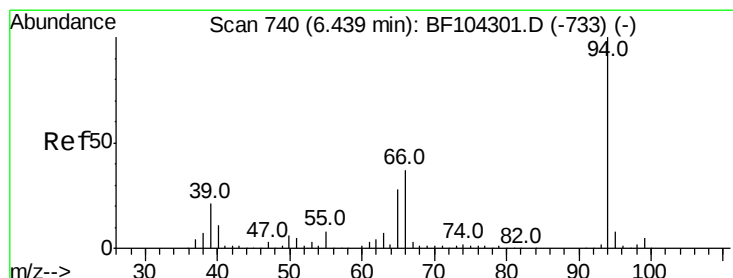
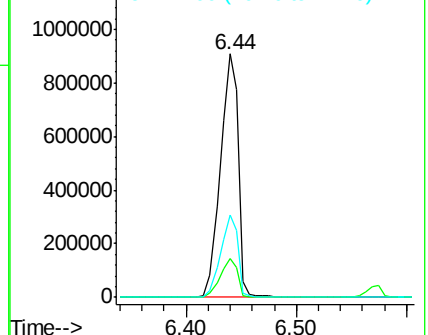
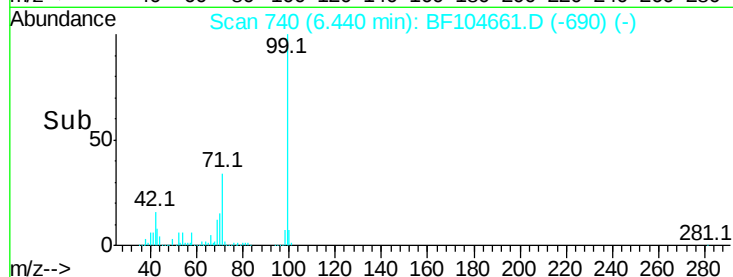
99 100

42 16.0 14.5 21.7

71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.279 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104661.D

Acq: 20 Apr 2018 6:59

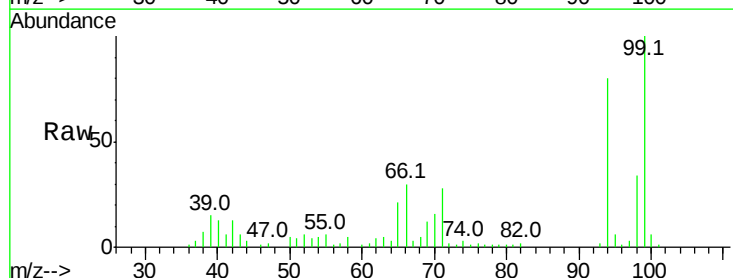
Tgt Ion: 94 Resp: 28087

Ion Ratio Lower Upper

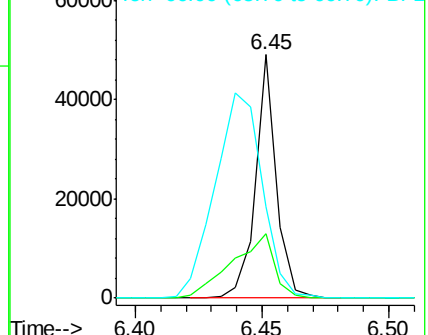
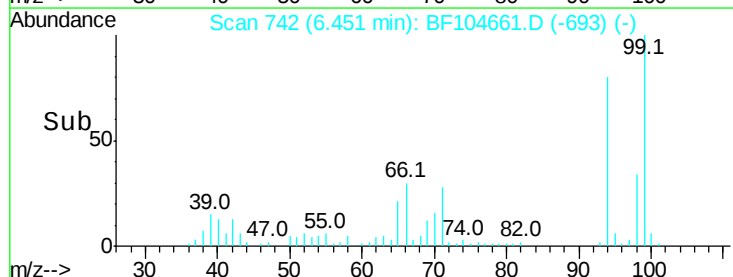
94 100

65 26.3 7.9 47.9

66 37.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

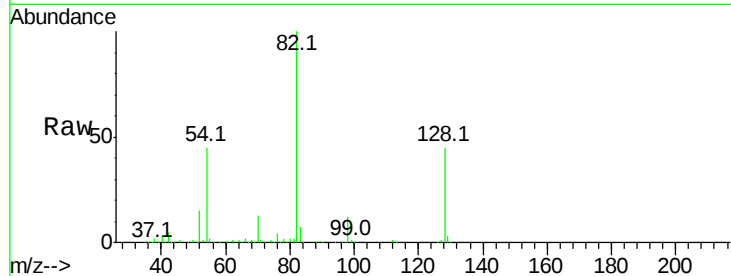




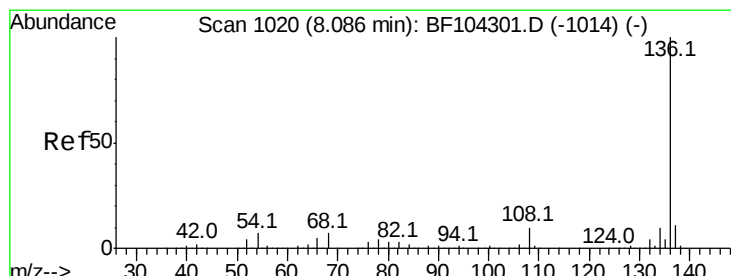
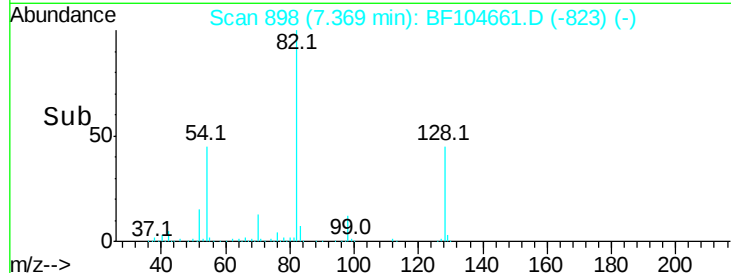
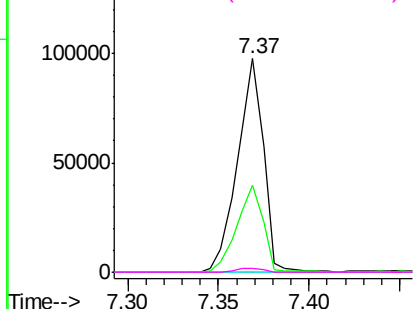
#19
n-Nitroso-di-n-propylamine
Concen: 12.799 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 97136
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

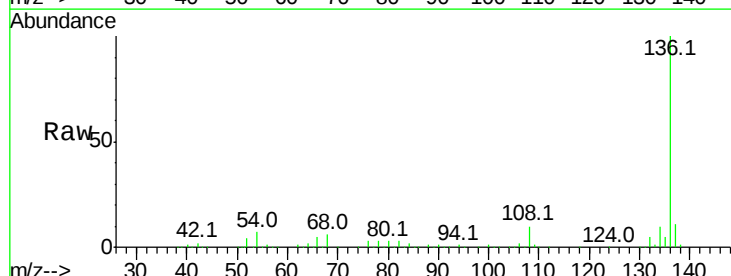


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

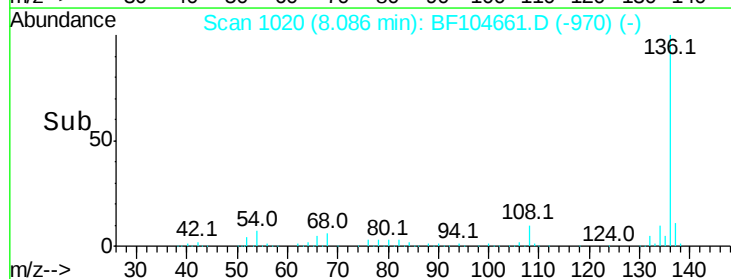
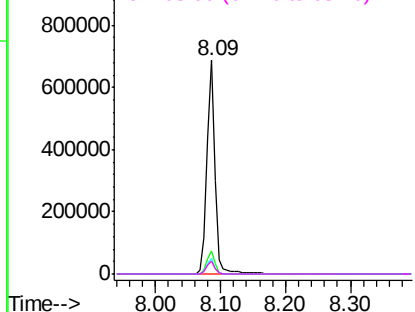


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Tgt Ion: 136 Resp: 597228
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.6 9.8
68 6.0 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

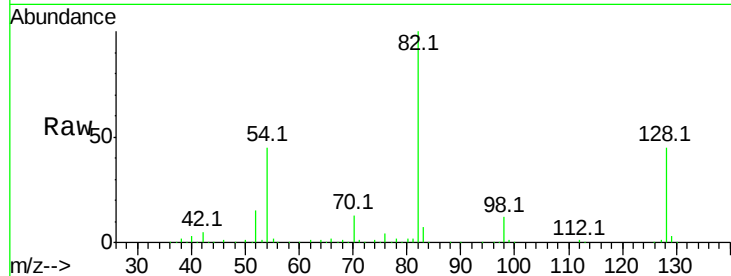




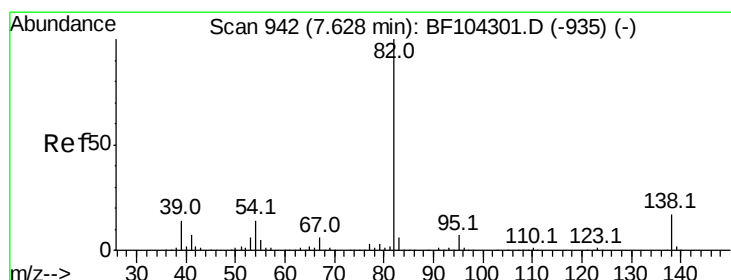
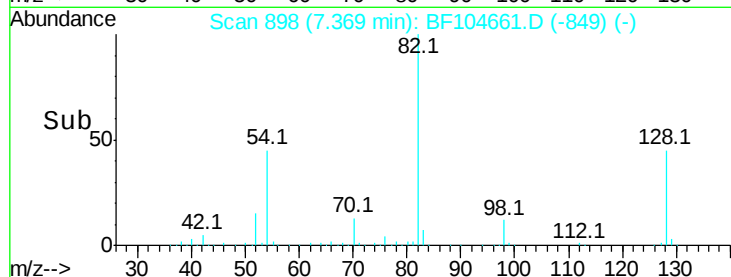
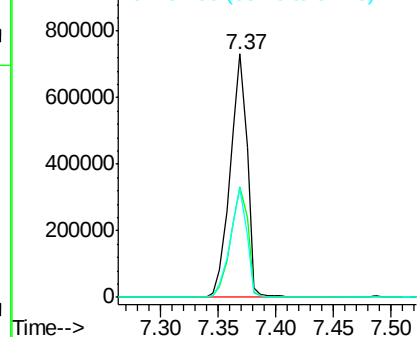
#23
Nitrobenzene-d5
Concen: 81.782 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 747994
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 44.7 41.4 62.2

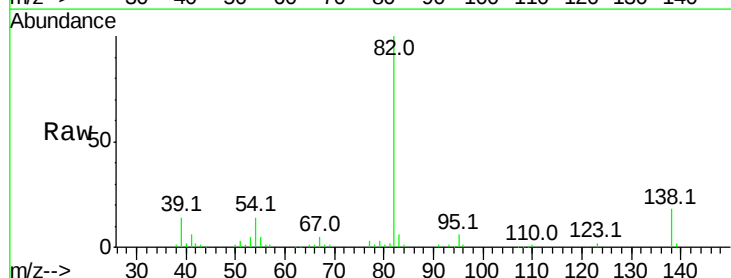


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

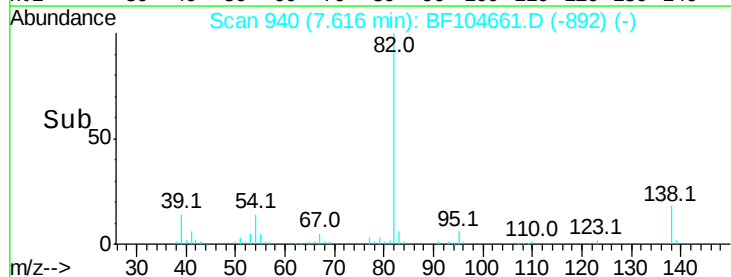
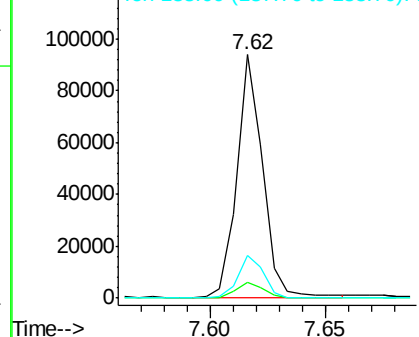


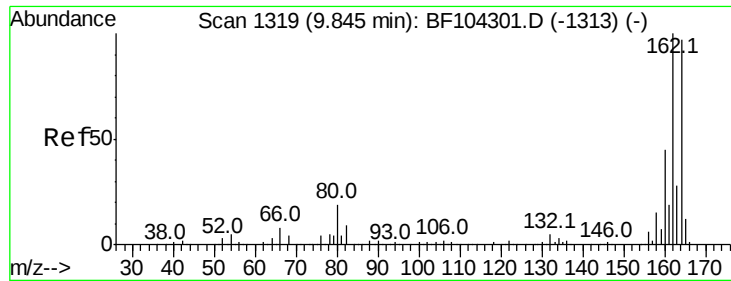
#25
Isophorone
Concen: 3.806 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Tgt Ion: 82 Resp: 73613
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.6 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

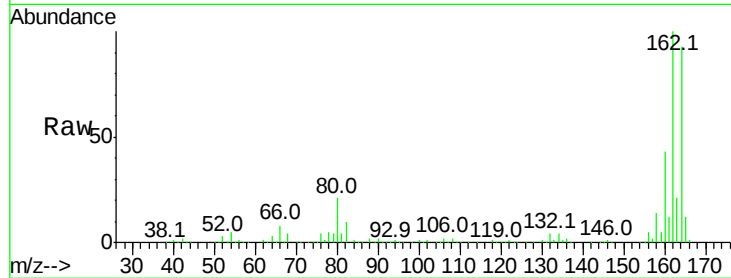




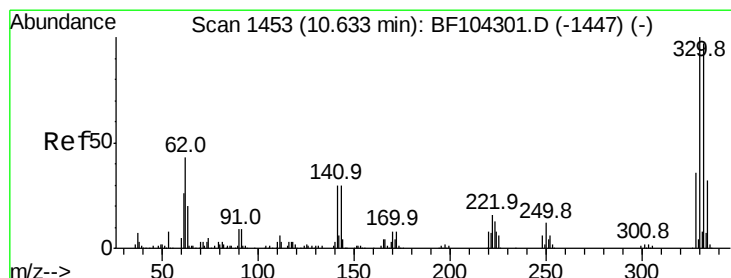
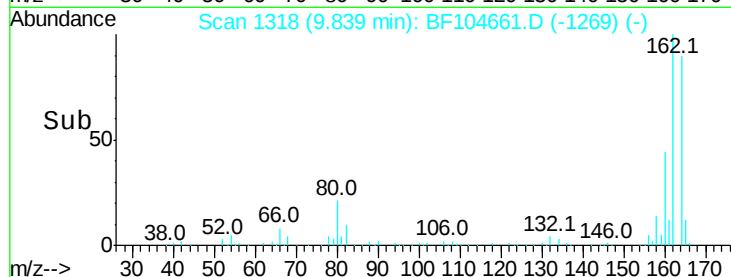
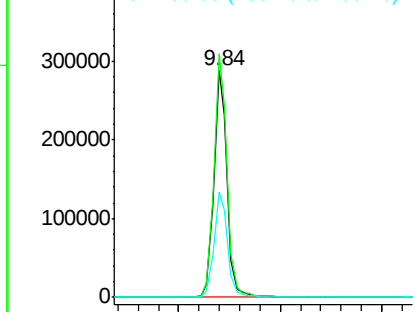
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 259731
Ion Ratio Lower Upper
164 100
162 107.5 86.1 129.1
160 46.7 38.3 57.5

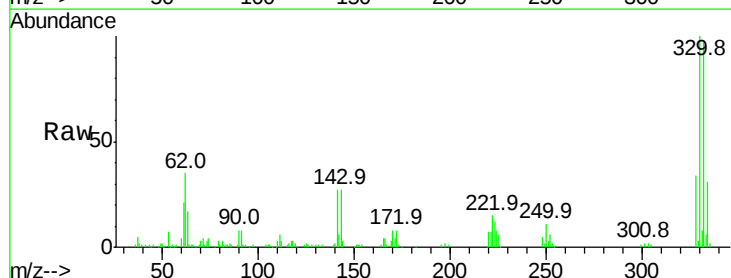


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

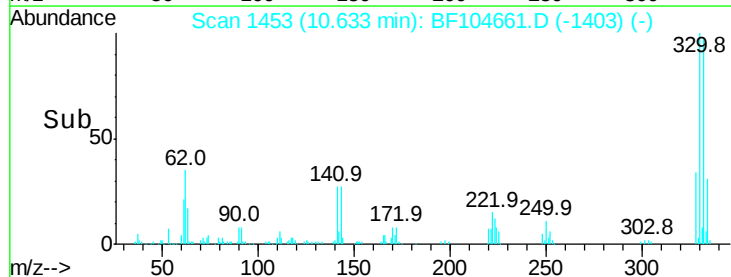
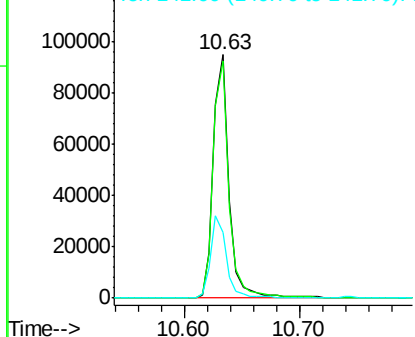


#41
2,4,6-Tribromophenol
Concen: 33.299 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Tgt Ion:330 Resp: 89715
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 34.4 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

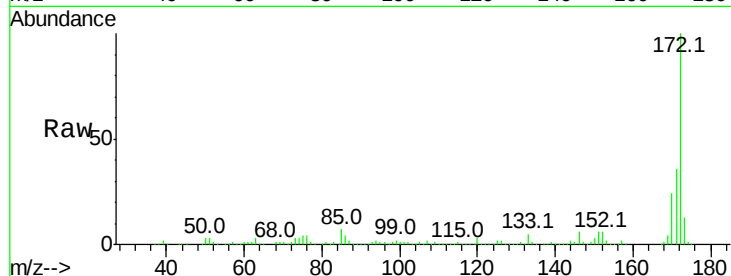




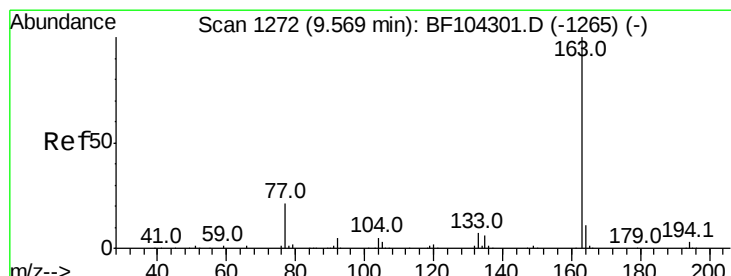
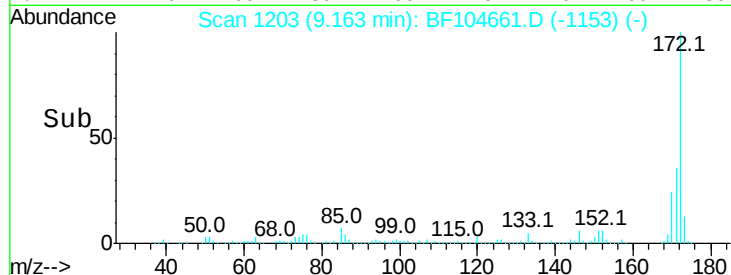
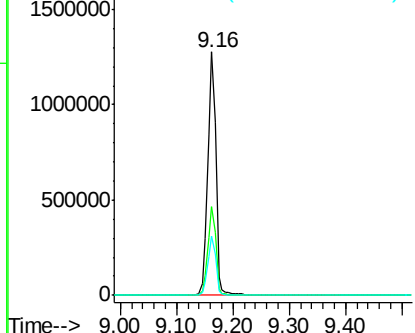
#44
2-Fluorobiphenyl
Concen: 77.972 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1281963
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.4 19.6 29.4

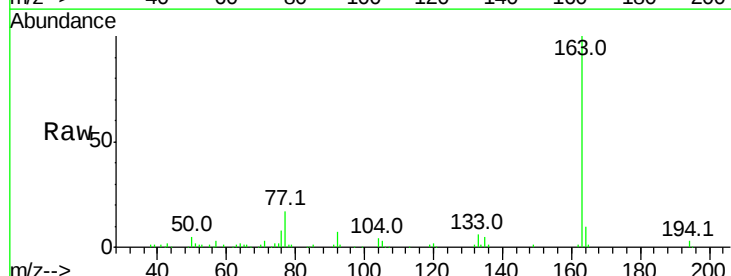


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

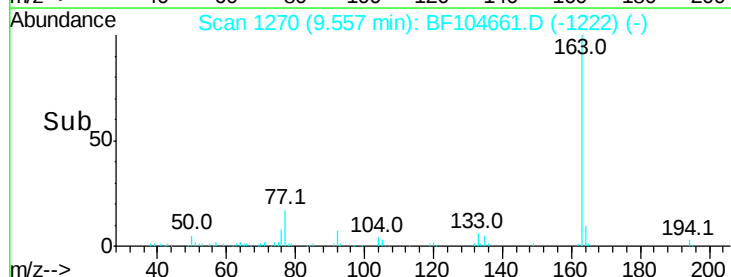
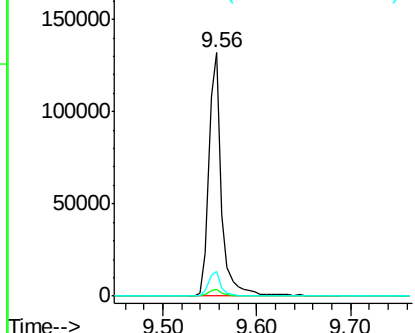


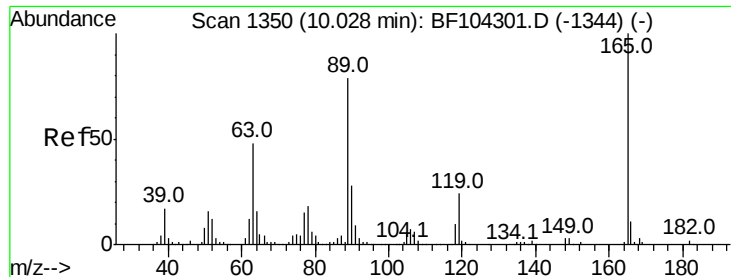
#49
Dimethylphthalate
Concen: 6.118 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104661.D
Acq: 20 Apr 2018 6:59

Tgt Ion:163 Resp: 125311
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 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

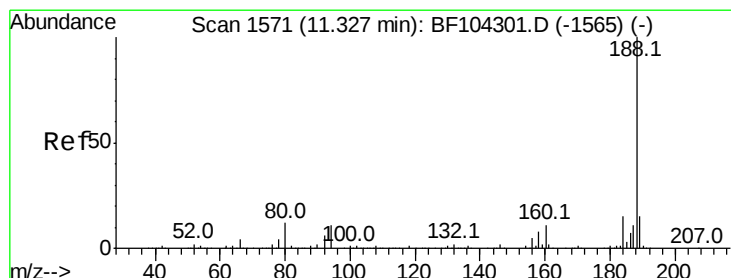
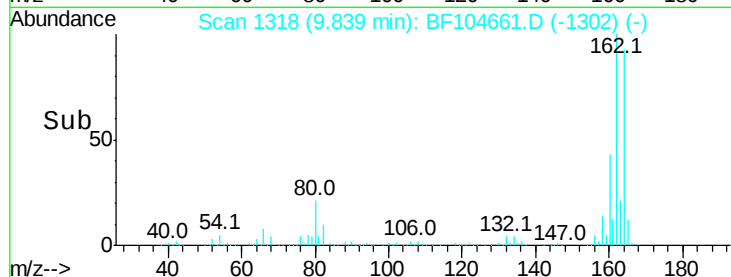
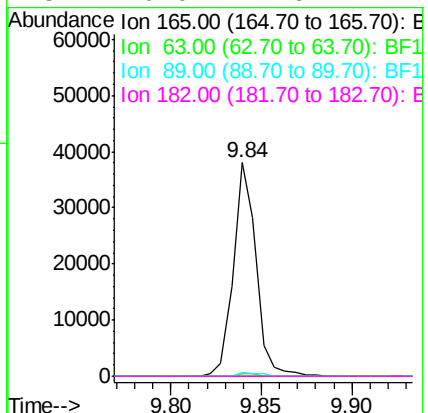
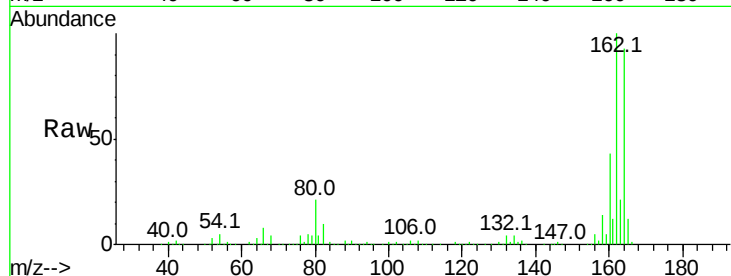




#56
 2,4-Dinitrotoluene
 Concen: 6.678 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF104661.D
 Acq: 20 Apr 2018 6:59

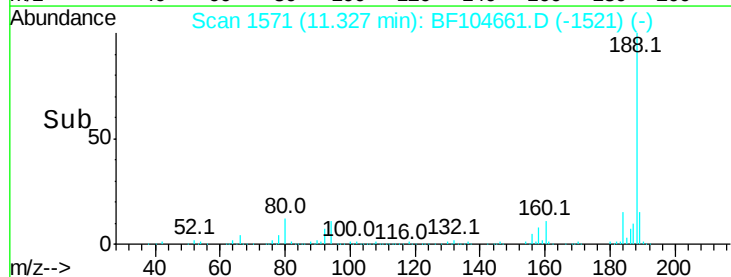
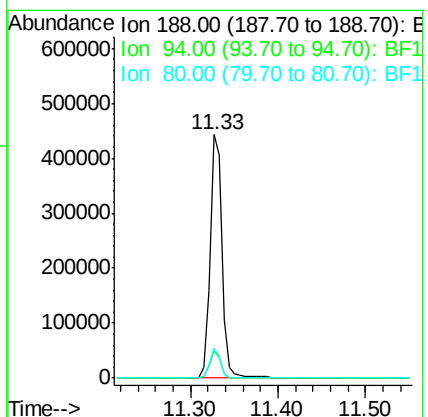
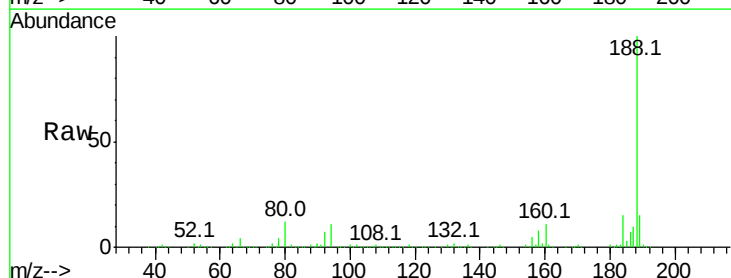
Instrument :
 BNA_F
 ClientSampleId :

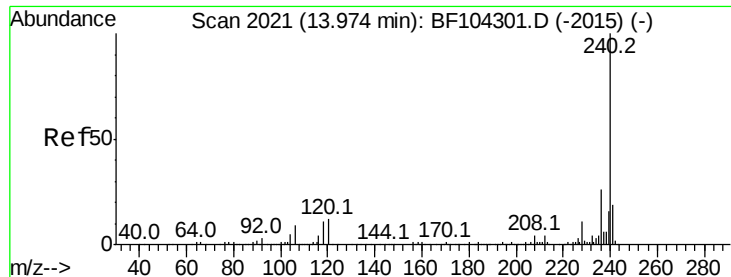
Tot Ion:165	Resp:	33197
Ion Ratio	Lower	Upper
165 100		
63 1.1	36.4	54.6#
89 1.6	57.8	86.6#
182 0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104661.D
 Acq: 20 Apr 2018 6:59

Tgt Ion:188	Resp:	418794
Ion Ratio	Lower	Upper
188 100		
94 11.4	8.5	12.7
80 12.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104661.D

Acq: 20 Apr 2018 6:59

Instrument :

BNA_F

ClientSampleId :

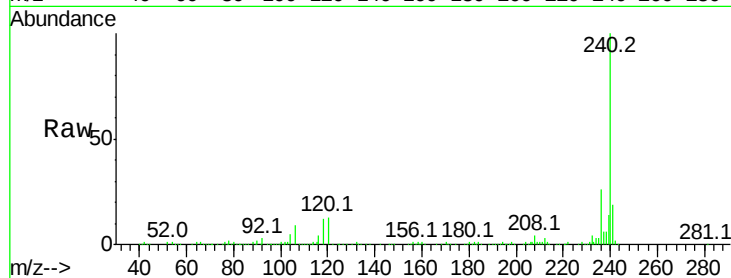
Tot Ion:240 Resp: 289364

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

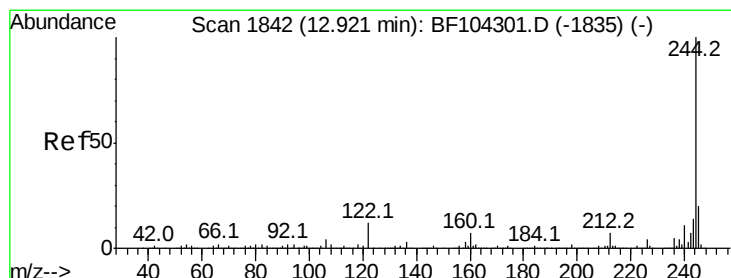
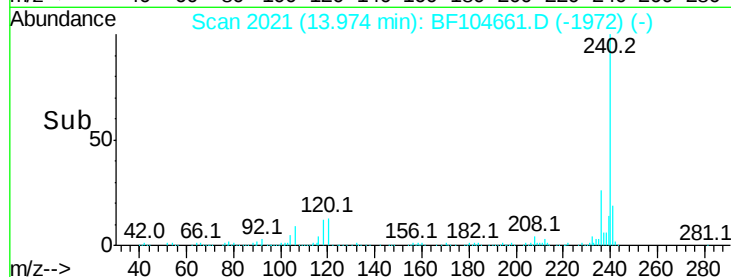
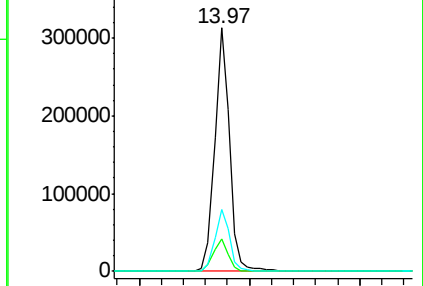
236 25.6 20.7 31.1



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: 75.972 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104661.D

Acq: 20 Apr 2018 6:59

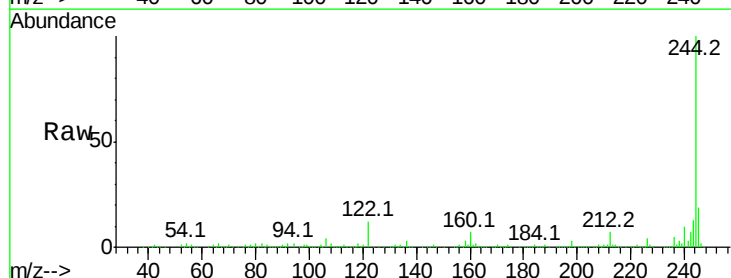
Tgt Ion:244 Resp: 964269

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

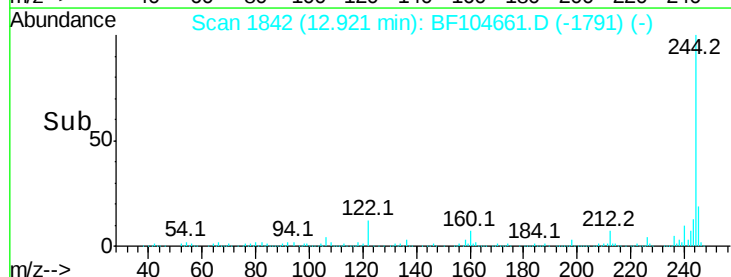
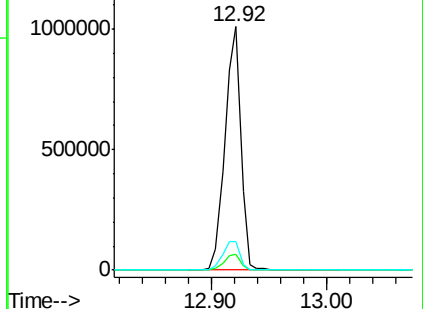
122 11.9 11.0 16.4

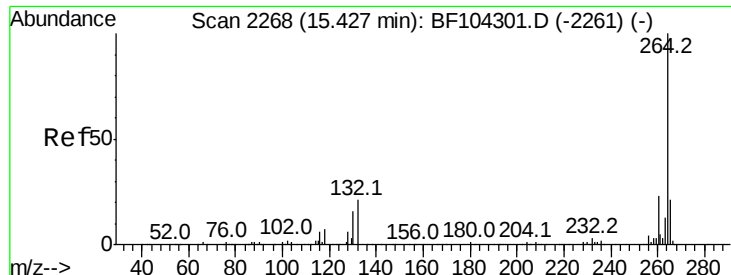


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

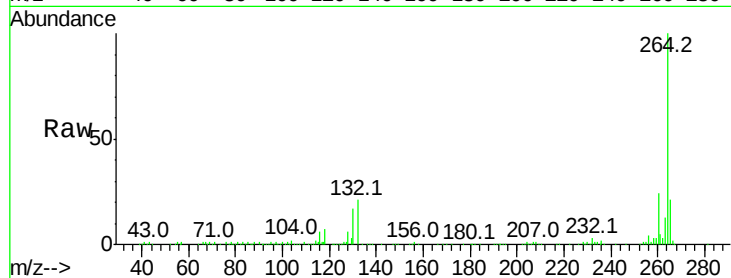




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104661.D
 Acq: 20 Apr 2018 6:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 258588
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 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

