

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104251.D
 Acq On : 5 Apr 2018 3:41
 Operator : JU/SJ
 Sample : J2192-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 04:25:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

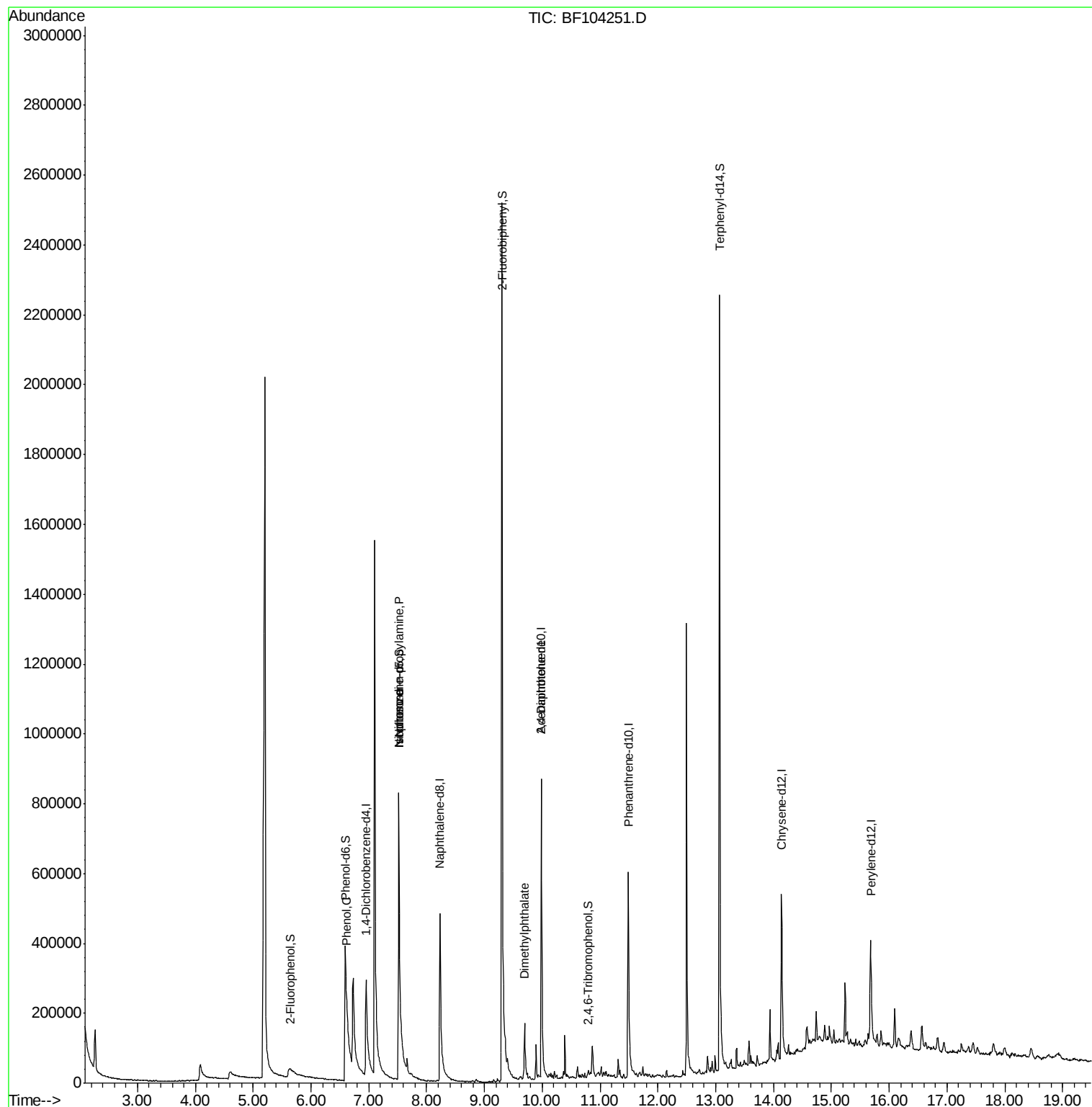
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	116032	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	508765	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	225756	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	369888	20.00	ng	0.00
75) Chrysene-d12	14.14	240	235485	20.00	ng	0.00
86) Perylene-d12	15.68	264	214669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	63432	8.72	ng	0.05
7) Phenol-d6	6.59	99	561537	62.73	ng	-0.01
23) Nitrobenzene-d5	7.52	82	651687	78.34	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	7568	3.01	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1247293	87.12	ng	0.00
78) Terphenyl-d14	13.07	244	998715	97.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	571	Below Cal	Qvalue	# 1
10) Phenol	6.62	94	31864	3.213 ng	#	56
19) n-Nitroso-di-n-propylamine	7.52	70	74236	13.974 ng	#	73
25) Isophorone	7.52	82	654294	42.676 ng	#	64
49) Dimethylphthalate	9.69	163	110017	6.172 ng		100
56) 2,4-Dinitrotoluene	9.99	165	27881	5.698 ng	#	24

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

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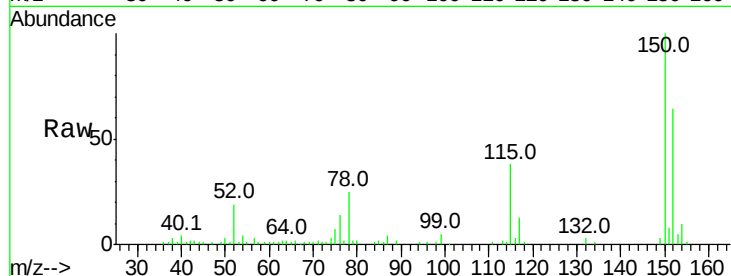


#1

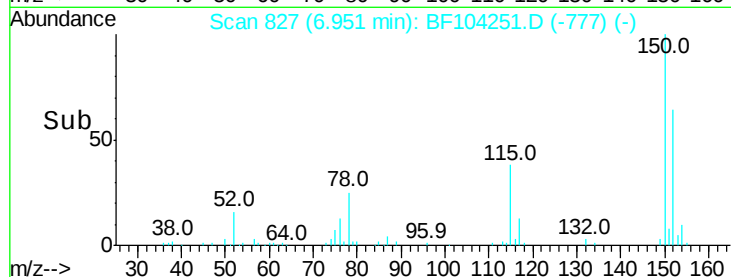
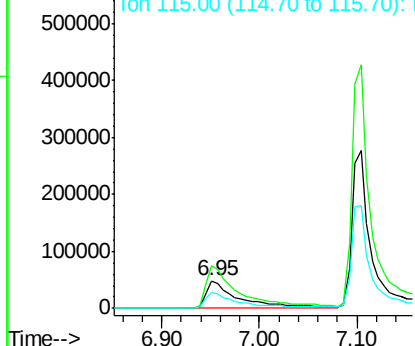
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104251.D
Acq: 5 Apr 2018 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116032
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 59.6 50.1 75.1



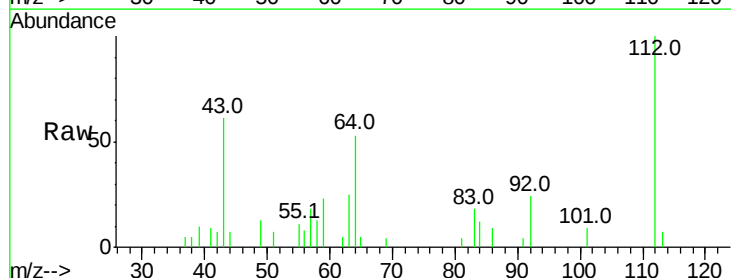
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



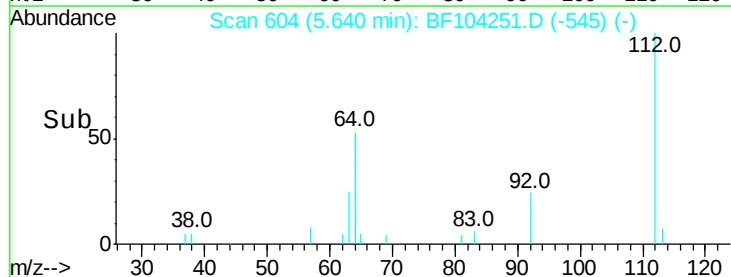
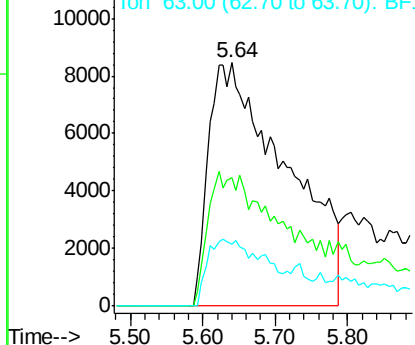
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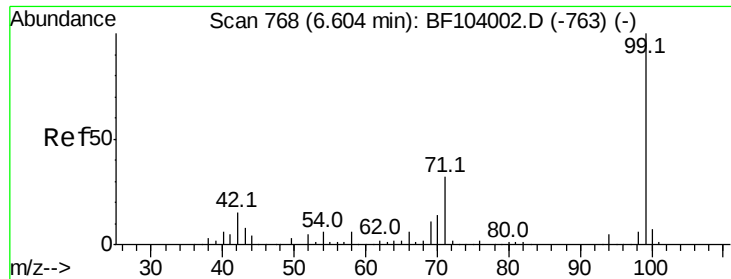
2-Fluorophenol
Concen: 8.718 ng
RT: 5.64 min Scan# 604
Delta R.T. 0.05 min
Lab File: BF104251.D
Acq: 5 Apr 2018 3:41

Tgt Ion:112 Resp: 63432
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 25.2 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: 62.731 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104251.D

Acq: 5 Apr 2018 3:41

Instrument :

BNA_F

ClientSampleId :

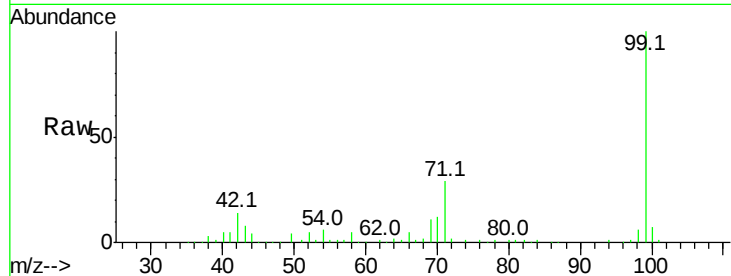
Tot Ion: 99 Resp: 561537

Ion Ratio Lower Upper

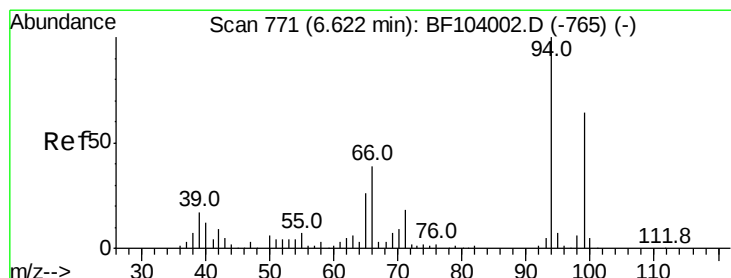
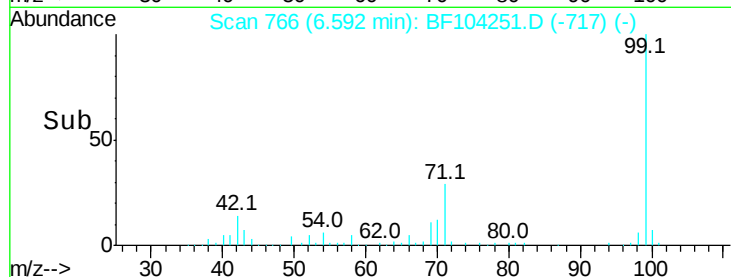
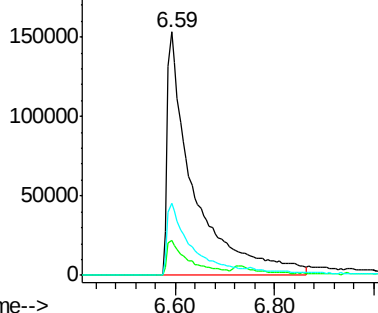
99 100

42 14.2 14.5 21.7#

71 29.4 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: 3.213 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104251.D

Acq: 5 Apr 2018 3:41

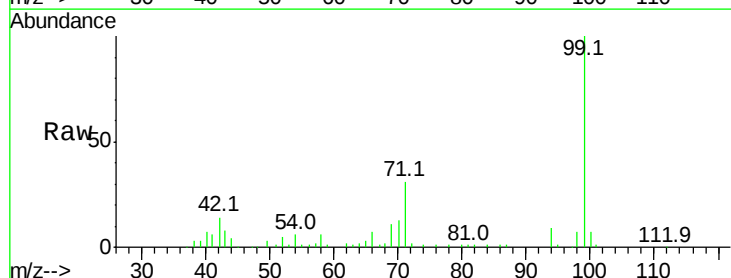
Tgt Ion: 94 Resp: 31864

Ion Ratio Lower Upper

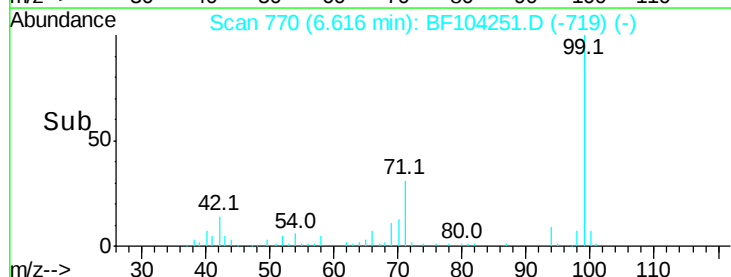
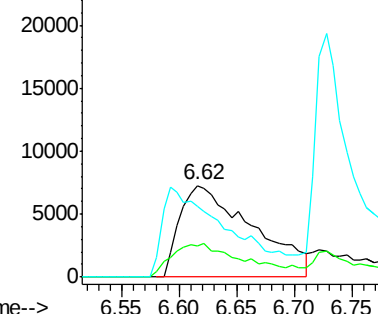
94 100

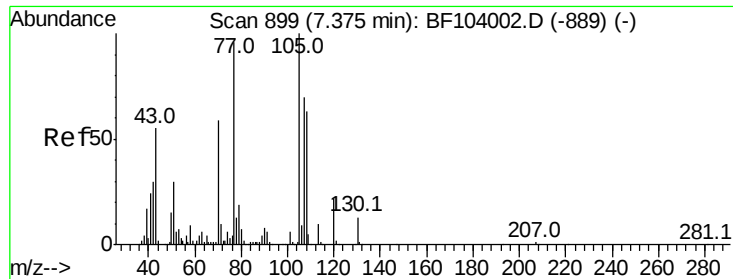
65 33.6 7.9 47.9

66 77.0 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

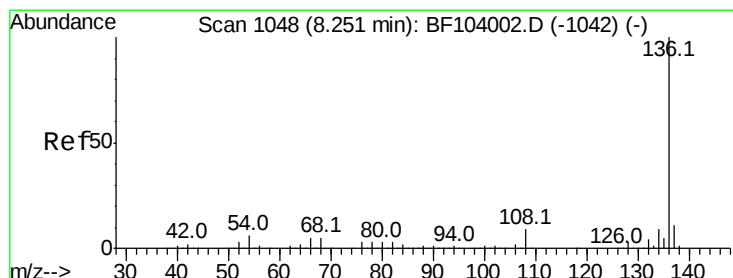
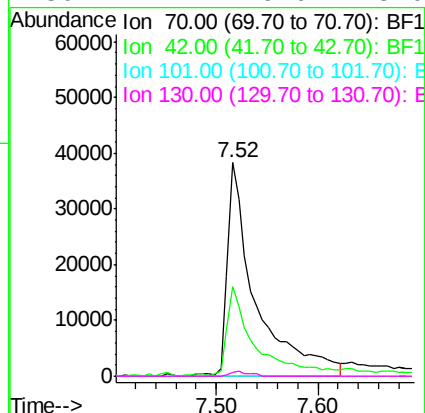
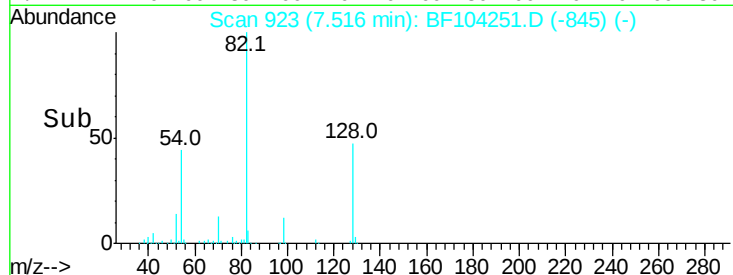
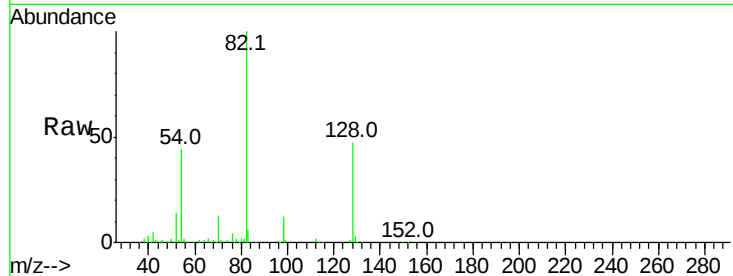




#19
n-Nitroso-di-n-propylamine
Concen: 13.974 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104251.D
Acq: 5 Apr 2018 3:41

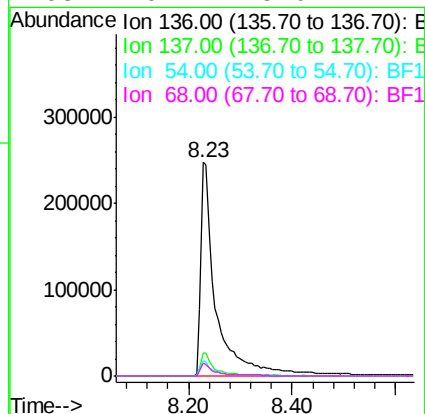
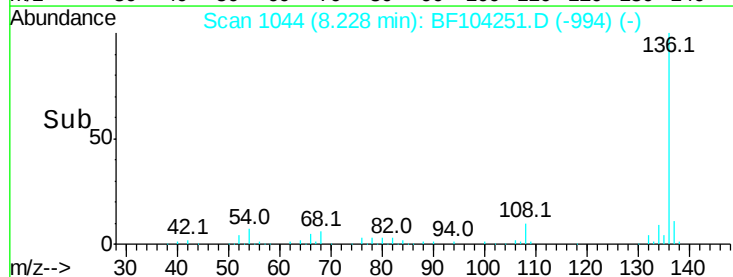
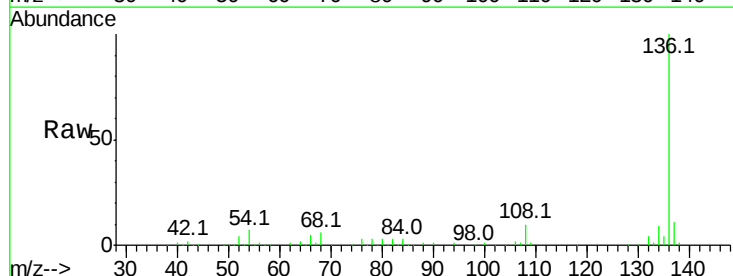
Instrument :
BNA_F
ClientSampleId :

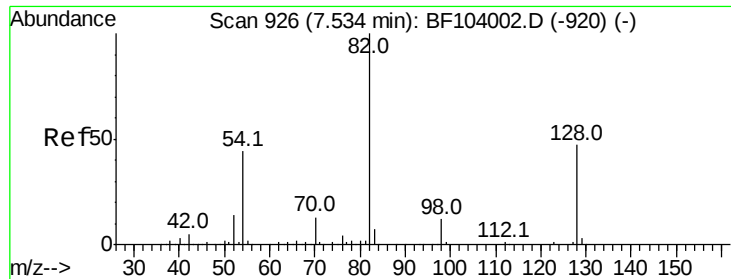
Tot Ion: 70 Resp: 74236
Ion Ratio Lower Upper
70 100
42 42.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104251.D
Acq: 5 Apr 2018 3:41

Tgt Ion:136 Resp: 508765
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.6 9.8
68 6.2 5.0 7.4

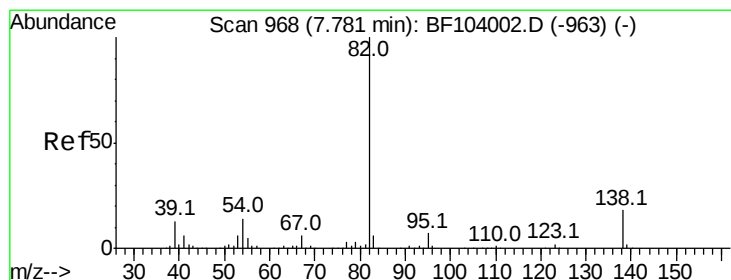
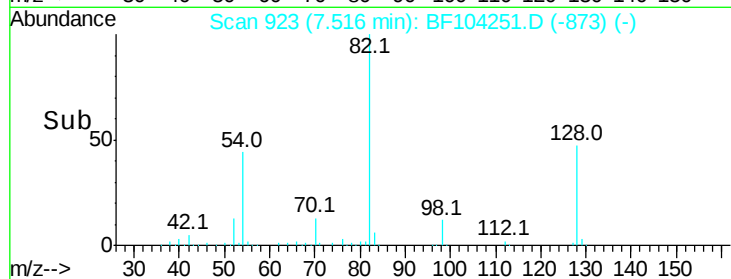
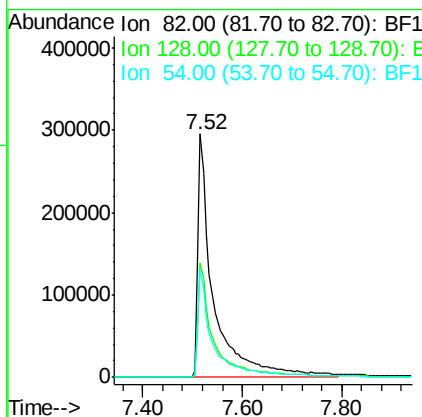
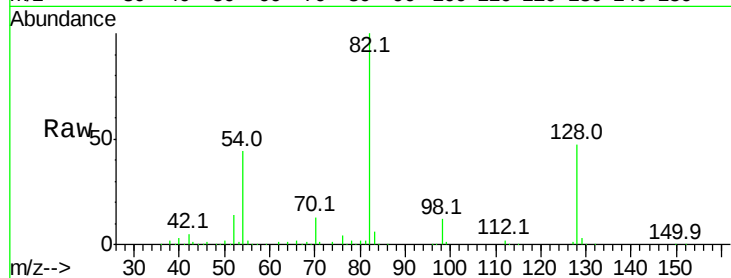




#23
 Nitrobenzene-d5
 Concen: 78.335 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

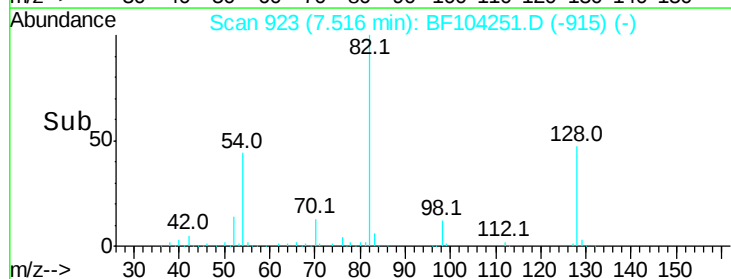
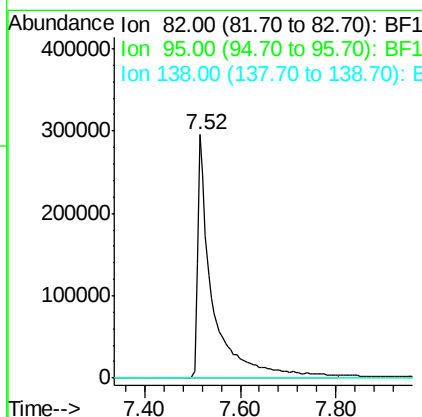
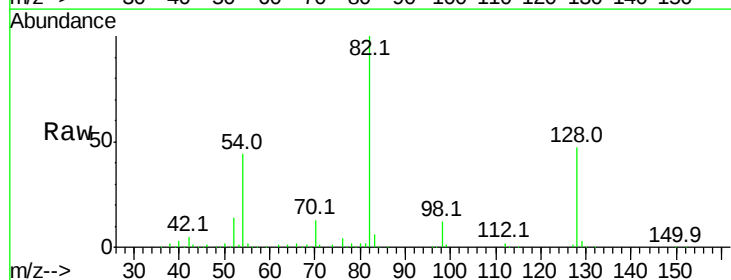
Instrument :
 BNA_F
 ClientSampleId :

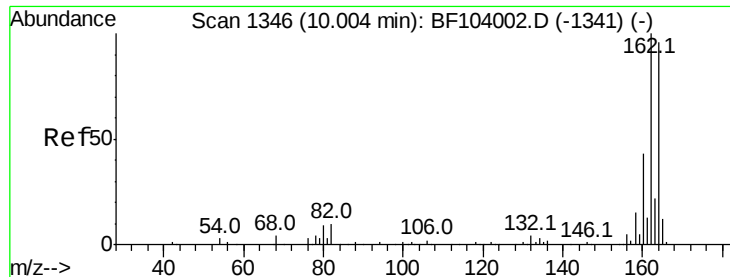
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	44.3	41.4	62.2



#25
 Isophorone
 Concen: 42.676 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

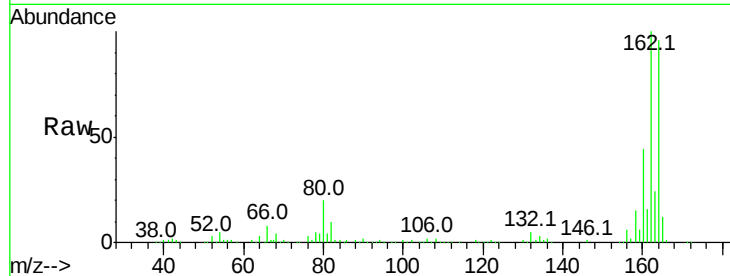




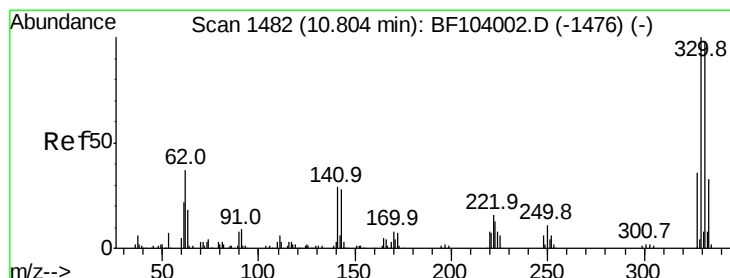
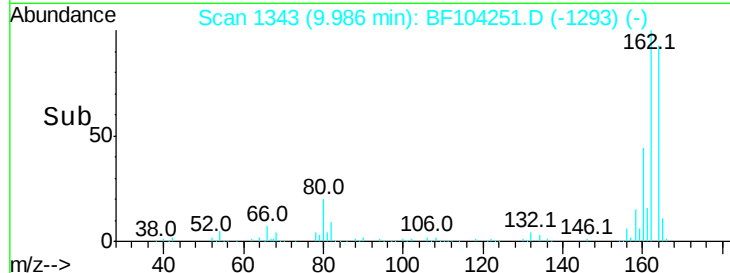
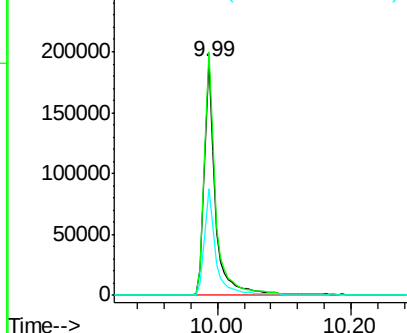
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 225756
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.6 38.3 57.5

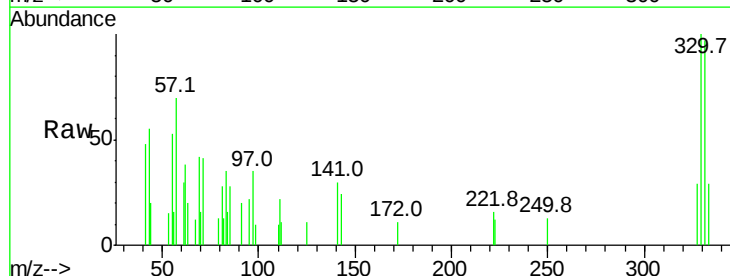


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

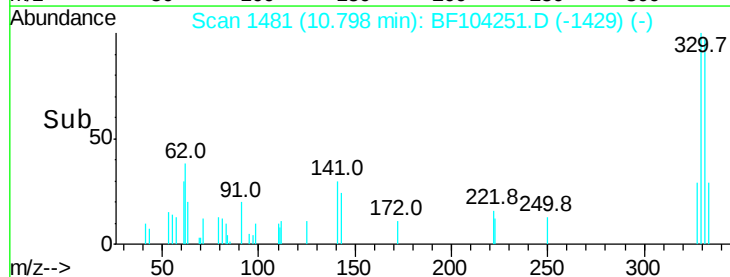
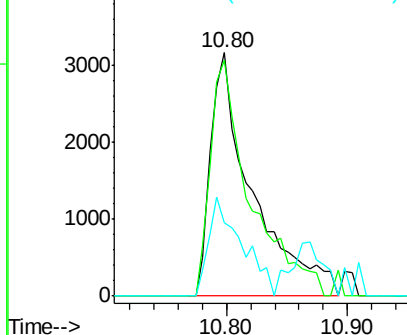


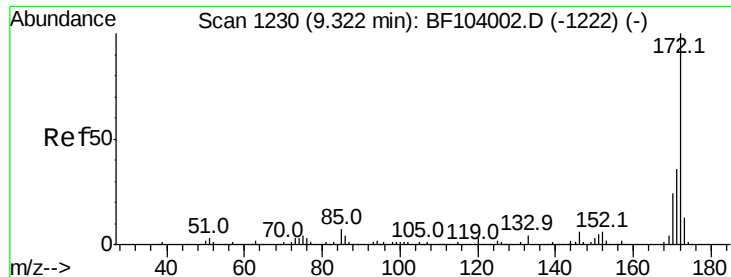
#41
 2,4,6-Tribromophenol
 Concen: 3.011 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

Tgt Ion:330 Resp: 7568
 Ion Ratio Lower Upper
 330 100
 332 92.8 77.0 115.6
 141 32.0 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



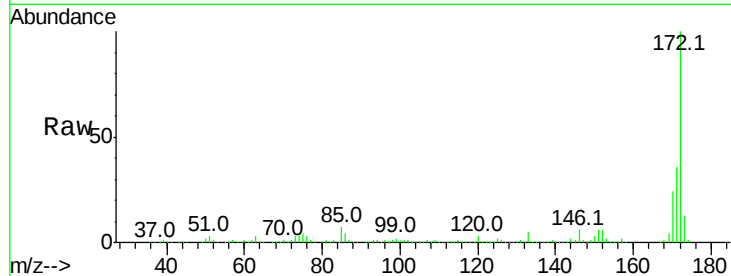


#44
 2-Fluorobiphenyl
 Concen: 87.124 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

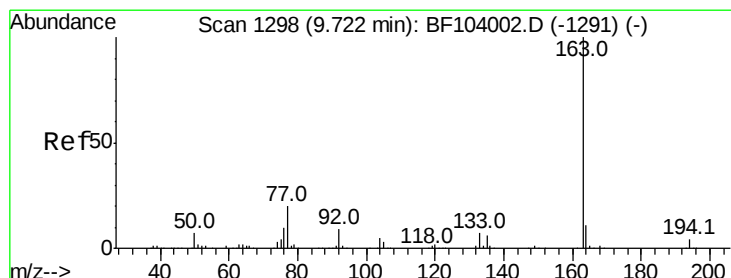
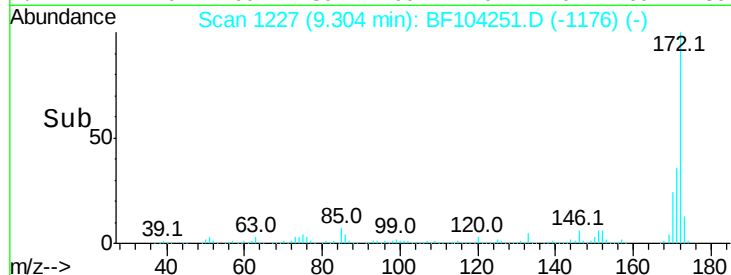
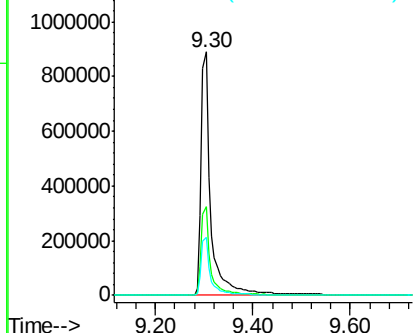
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1247293

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



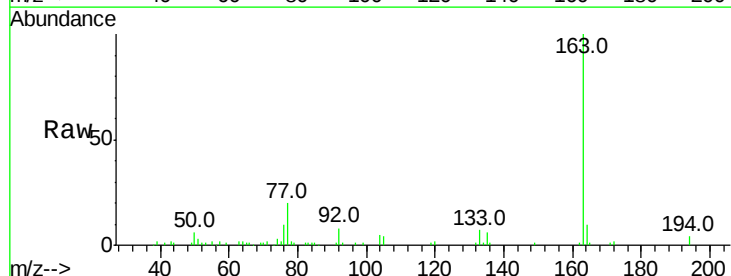
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



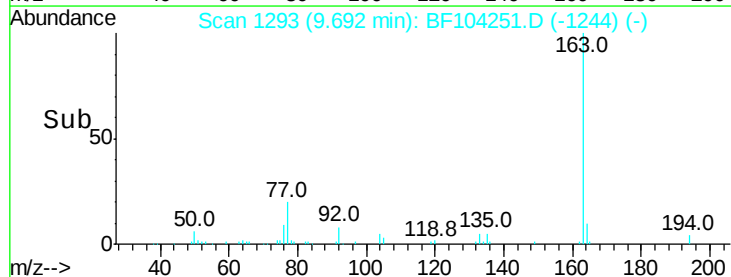
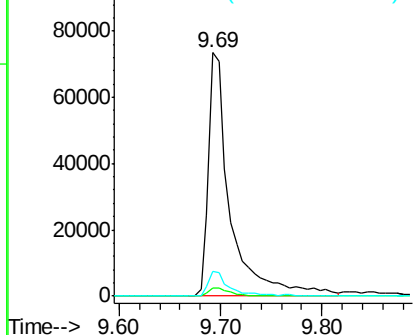
#49
 Dimethylphthalate
 Concen: 6.172 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

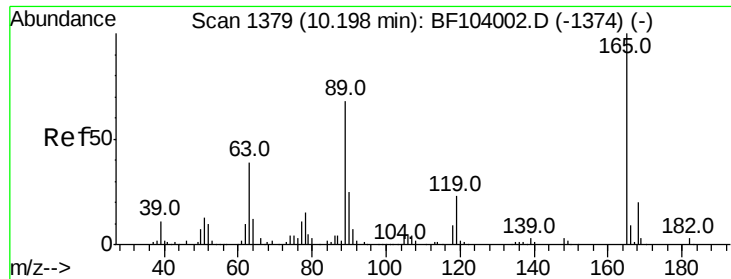
Tgt Ion:163 Resp: 110017

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	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

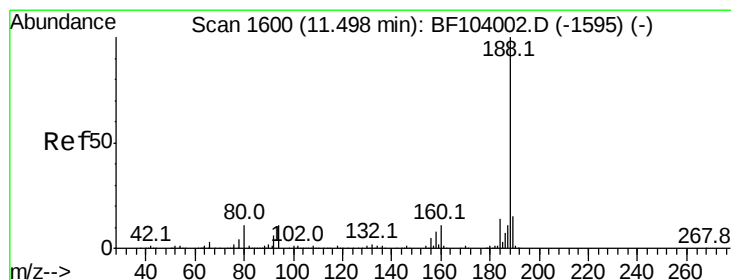
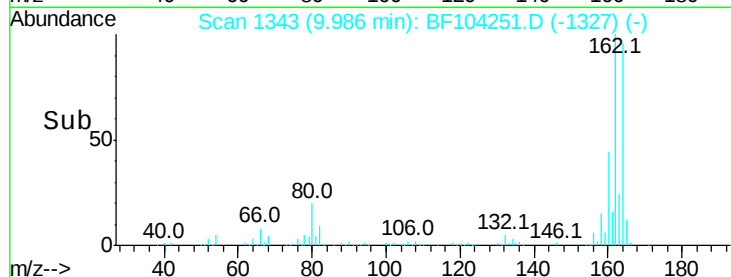
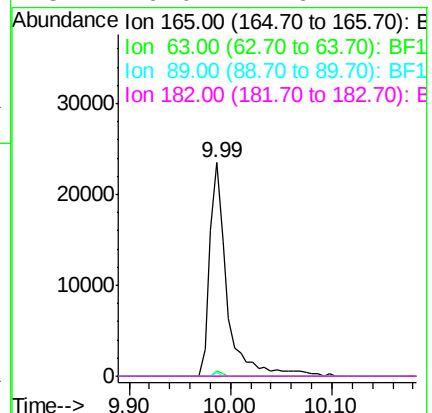
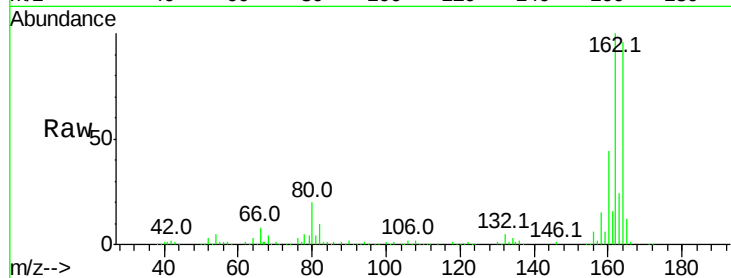




#56
2,4-Dinitrotoluene
Concen: 5.698 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF104251.D
Acq: 5 Apr 2018 3:41

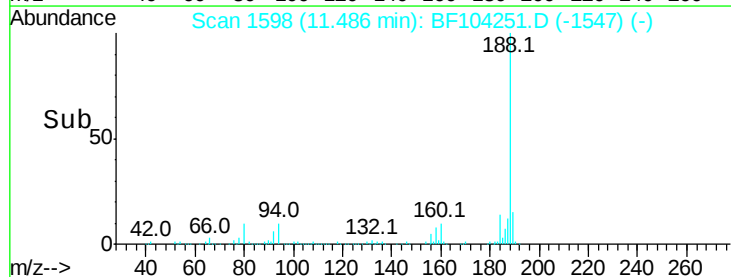
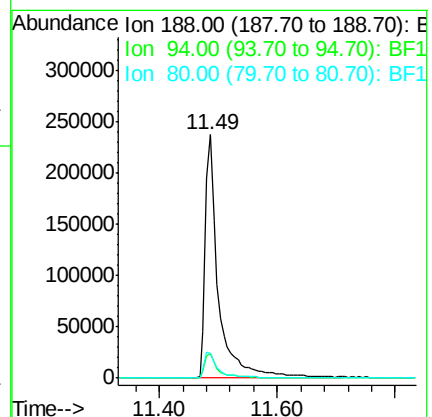
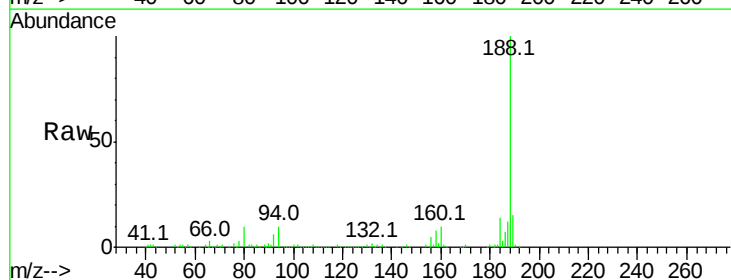
Instrument :
BNA_F
ClientSampleId :

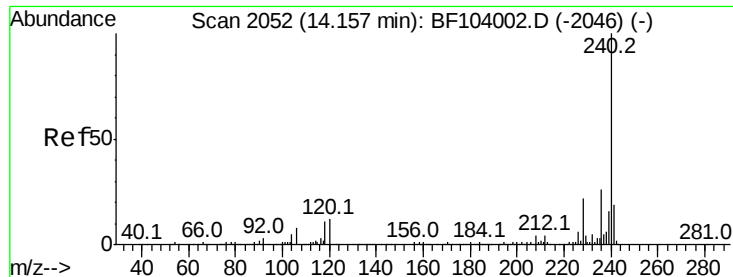
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104251.D
Acq: 5 Apr 2018 3:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104251.D

Acq: 5 Apr 2018 3:41

Instrument :

BNA_F

ClientSampleId :

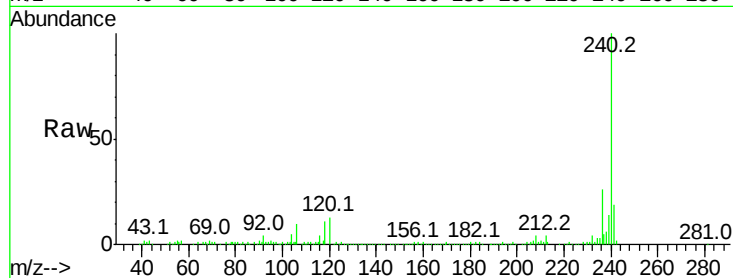
Tot Ion:240 Resp: 235485

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

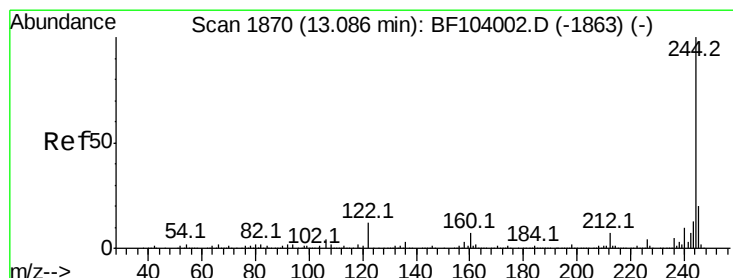
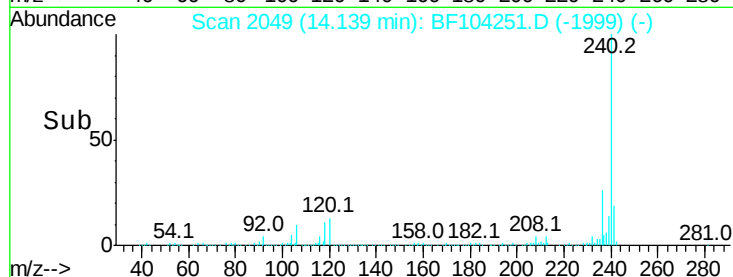
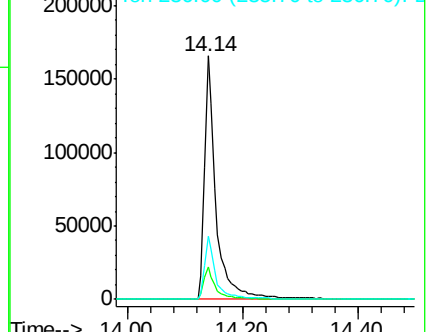
236 25.8 20.7 31.1



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: 97.925 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104251.D

Acq: 5 Apr 2018 3:41

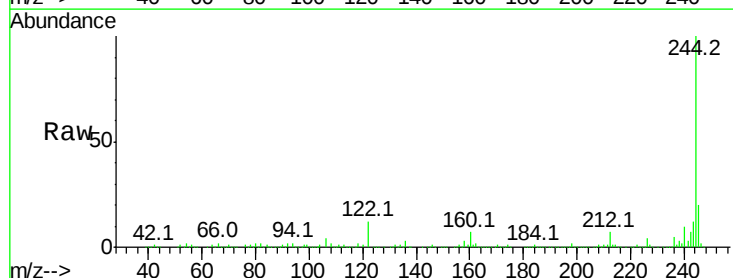
Tgt Ion:244 Resp: 998715

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

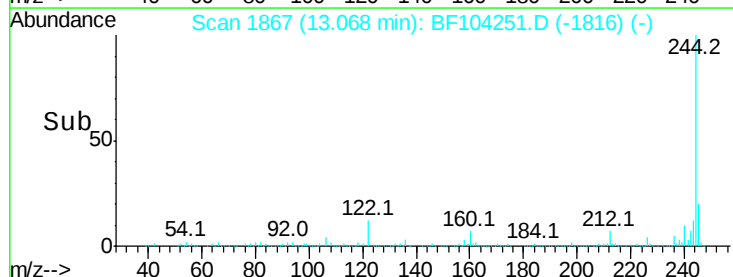
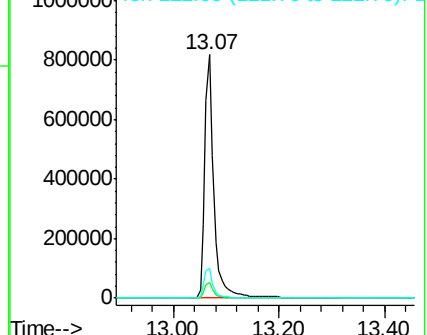
122 12.2 11.0 16.4

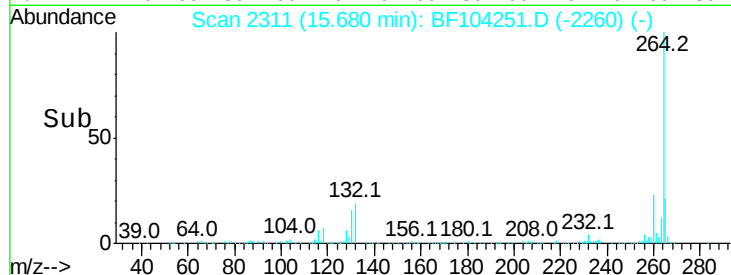
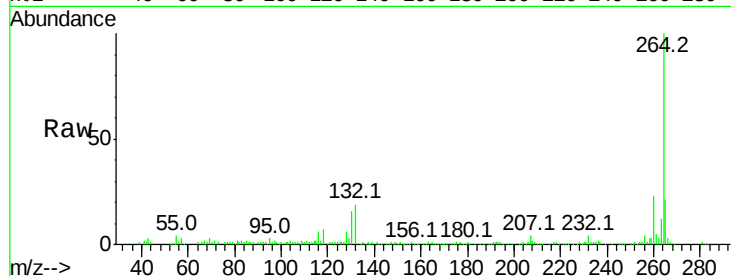
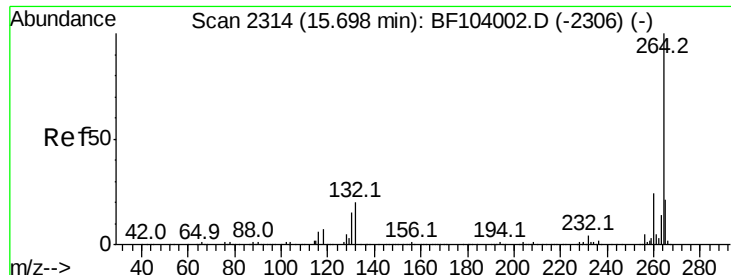


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104251.D
 Acq: 5 Apr 2018 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3

