

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104113.D
 Acq On : 31 Mar 2018 00:25
 Operator : JU/SJ
 Sample : J2146-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 03:49:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

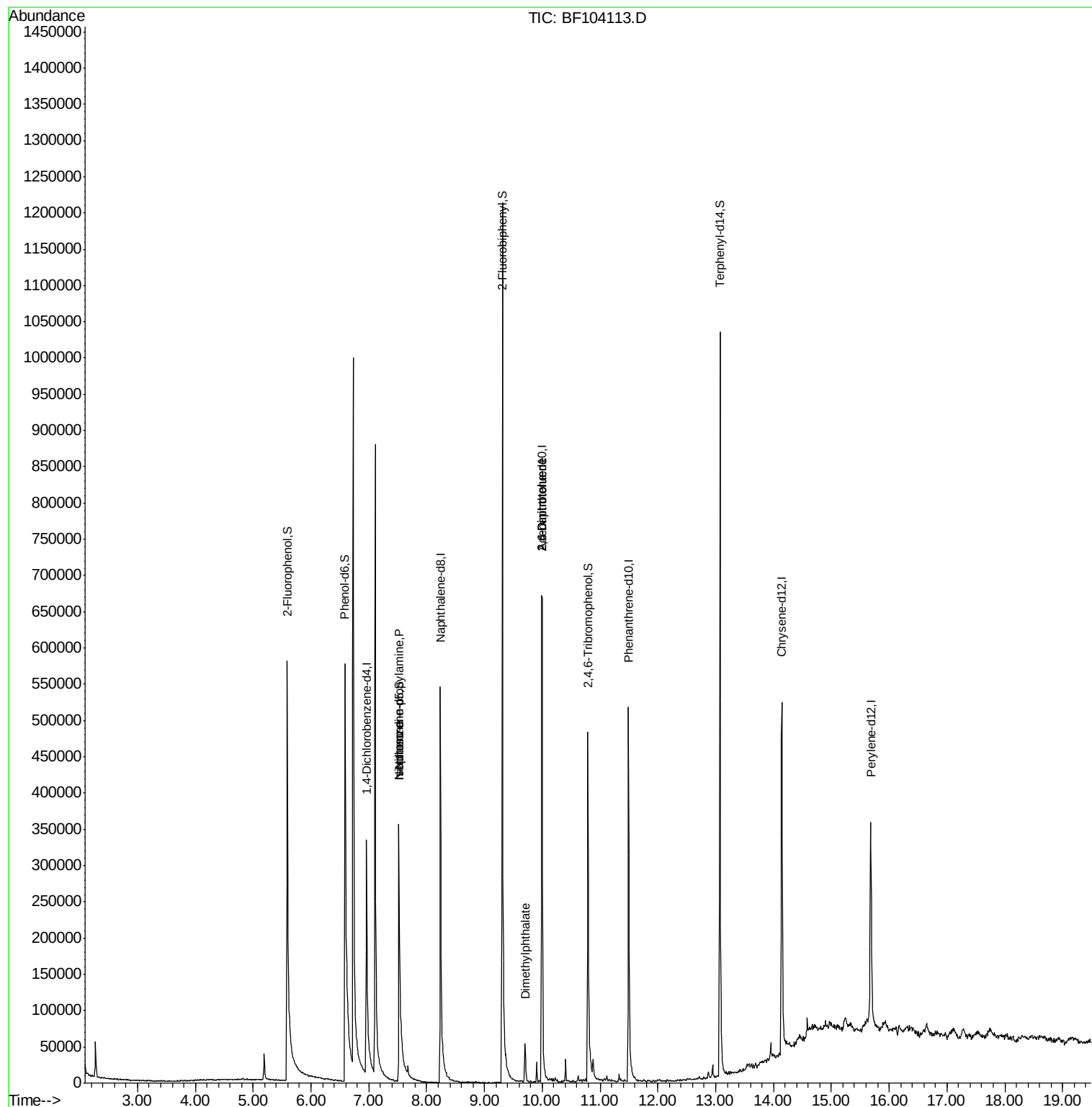
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101005	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	425520	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	180812	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	286093	20.00	ng	0.00
75) Chrysene-d12	14.14	240	224931	20.00	ng	0.00
86) Perylene-d12	15.68	264	182773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	332842	52.55	ng	0.00
7) Phenol-d6	6.59	99	493215	63.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	271702	39.05	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	102888	51.10	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	548971	47.88	ng	0.00
78) Terphenyl-d14	13.07	244	428548	43.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	27545	5.956	ng	# 71
25) Isophorone	7.52	82	271702	21.189	ng	# 64
49) Dimethylphthalate	9.70	163	32452	2.273	ng	100
50) 2,6-Dinitrotoluene	9.99	165	21408	6.970	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	21525	5.492	ng	# 23

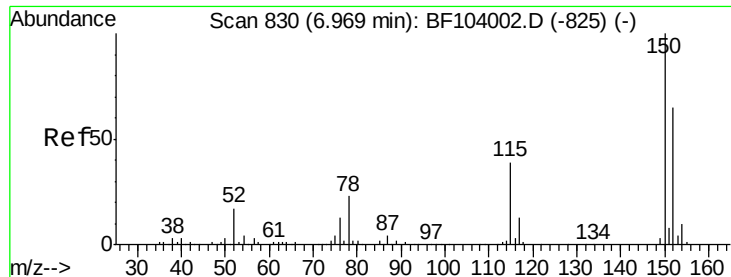
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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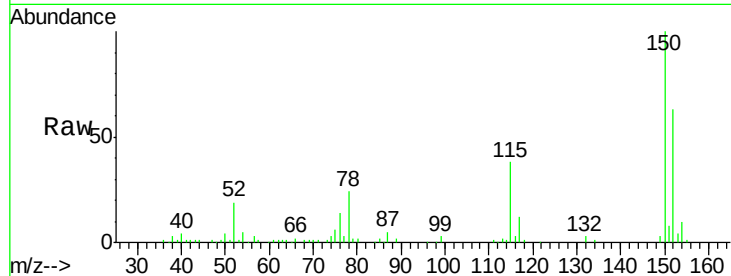


#1

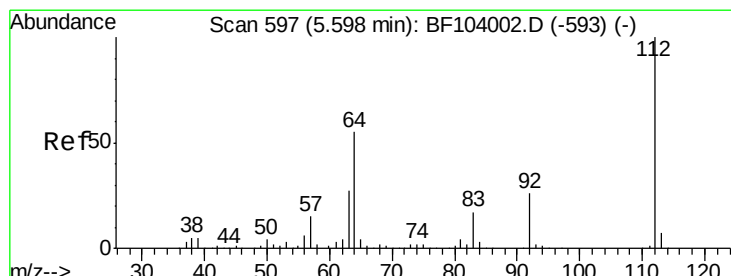
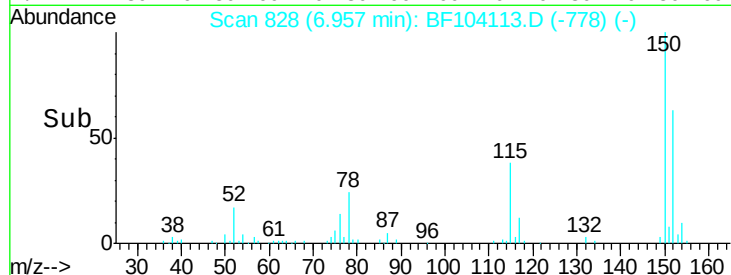
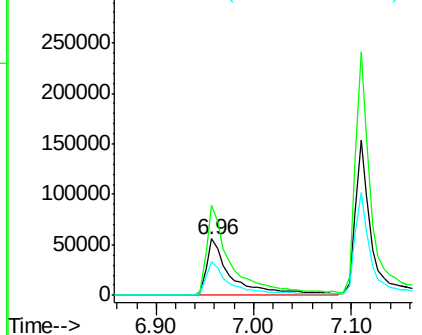
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104113.D
 Acq: 31 Mar 2018 00:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101005
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 60.6 50.1 75.1



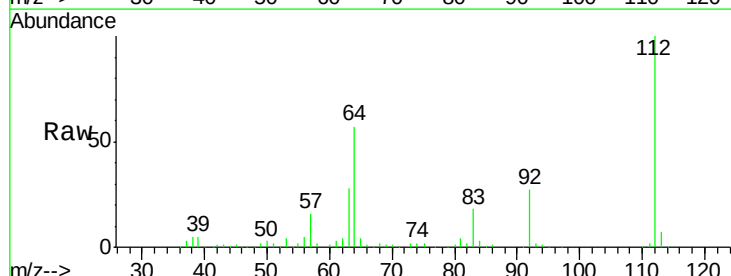
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



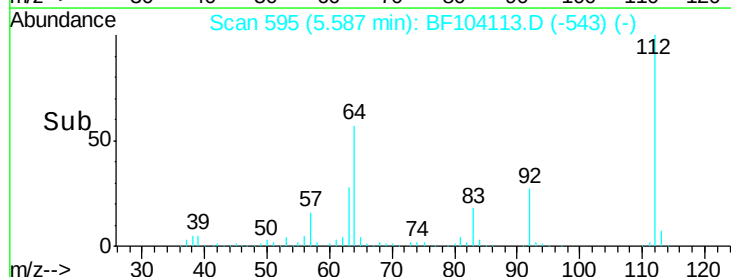
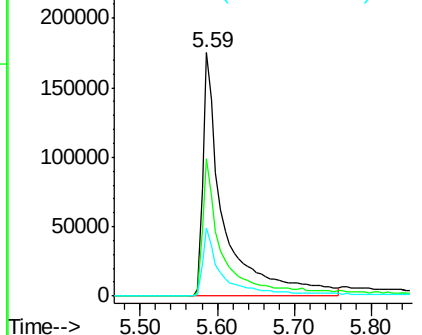
#5

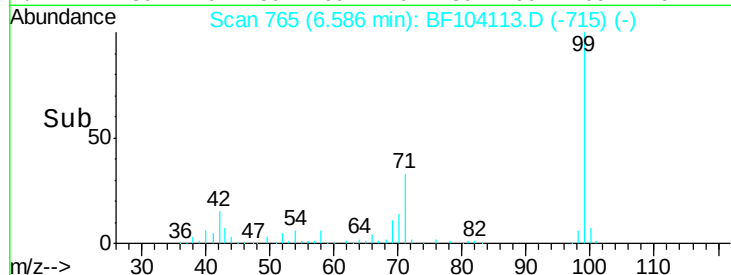
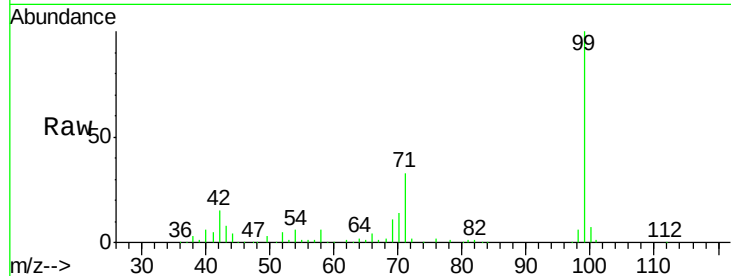
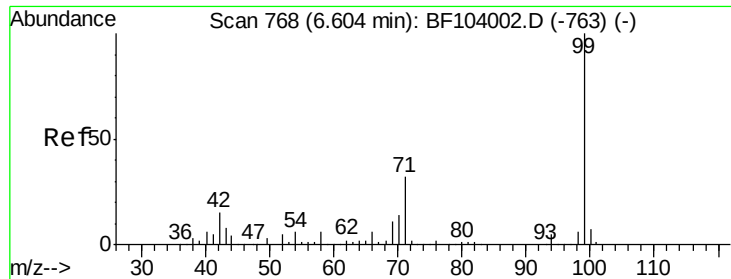
2-Fluorophenol
 Concen: 52.552 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF104113.D
 Acq: 31 Mar 2018 00:25

Tgt Ion:112 Resp: 332842
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 28.2 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: 63.296 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

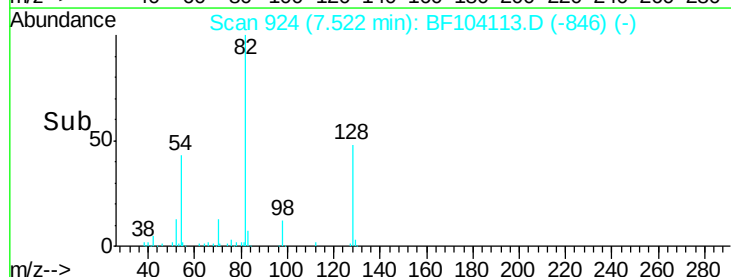
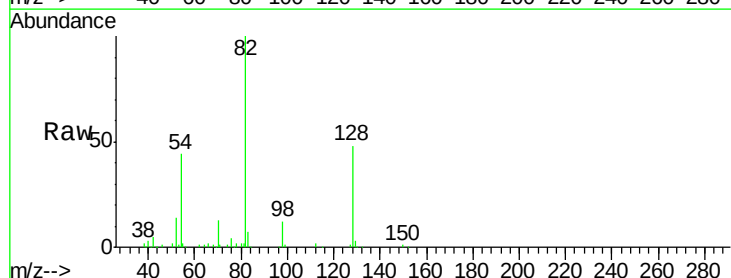
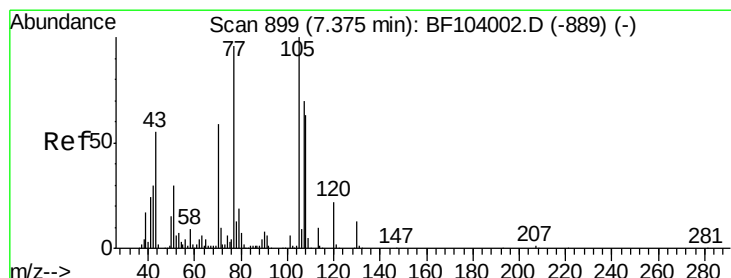
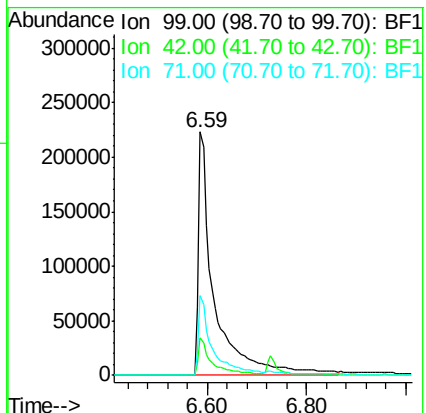
Tot Ion: 99 Resp: 493215

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.956 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

Tgt Ion: 70 Resp: 27545

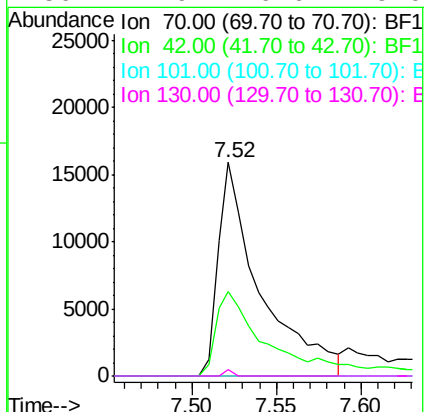
Ion Ratio Lower Upper

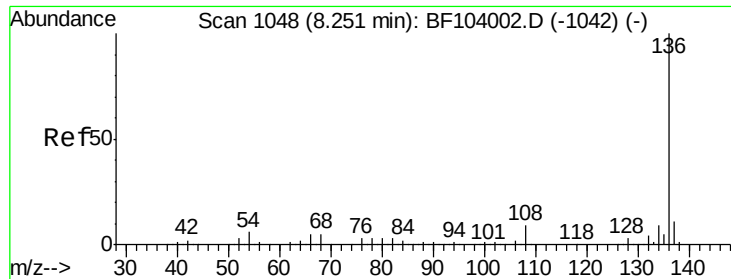
70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

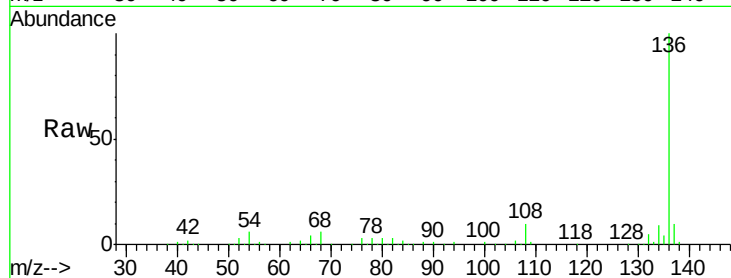




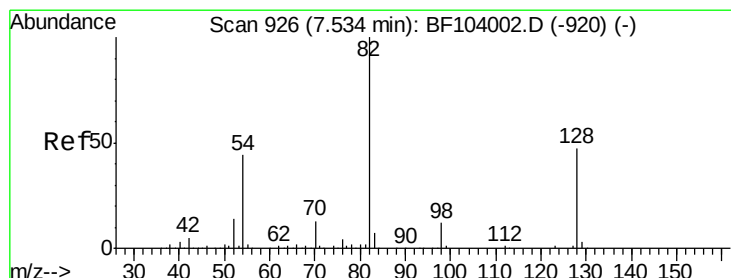
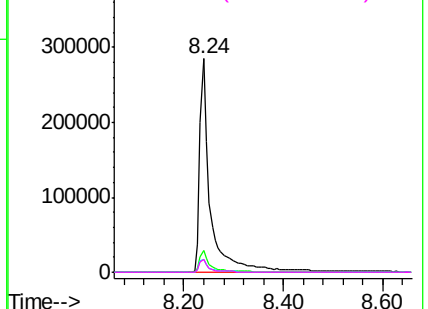
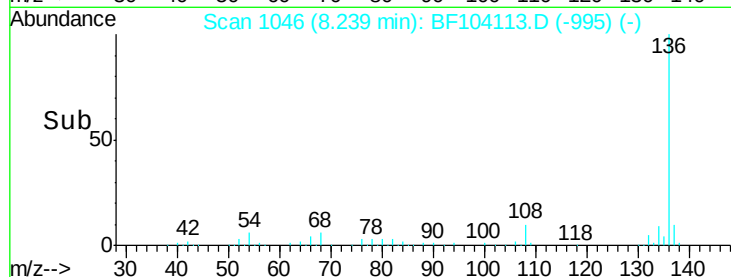
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF104113.D
Acq: 31 Mar 2018 00:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	425520
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.3	6.6 9.8#
68	5.9	5.0 7.4

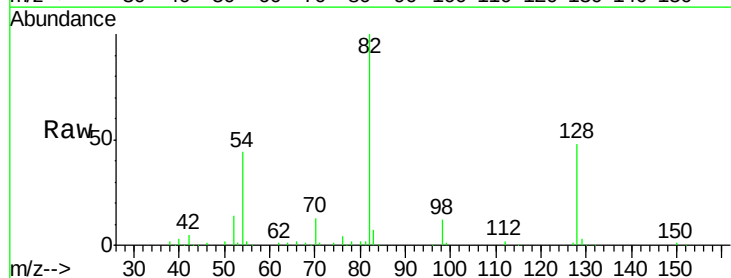


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

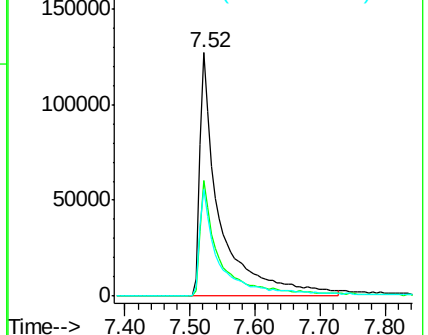
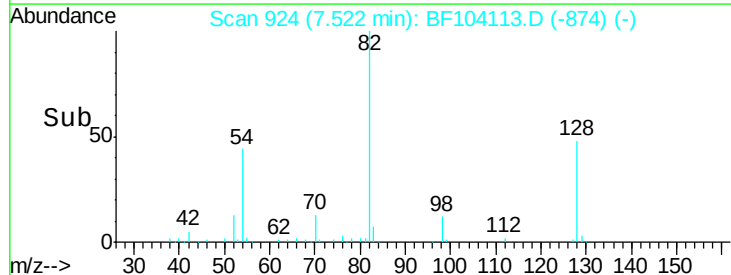


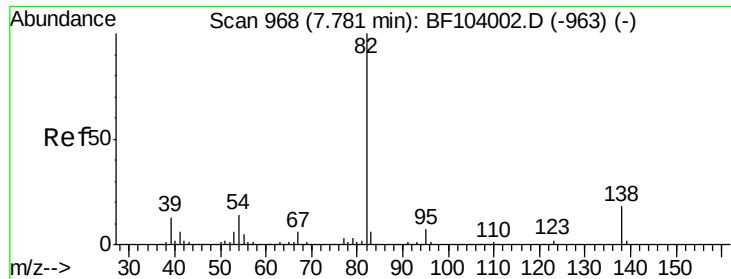
#23
Nitrobenzene-d5
Concen: 39.049 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104113.D
Acq: 31 Mar 2018 00:25

Tgt Ion: 82	Resp:	271702
Ion Ratio	Lower	Upper
82	100	
128	47.7	36.1 54.1
54	43.7	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: 21.189 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

Instrument :

BNA_F

ClientSampleId :

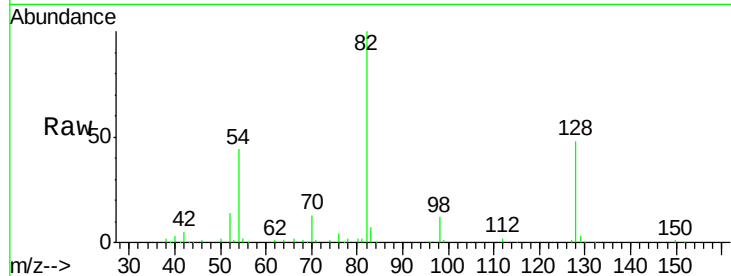
Tot Ion: 82 Resp: 271702

Ion Ratio Lower Upper

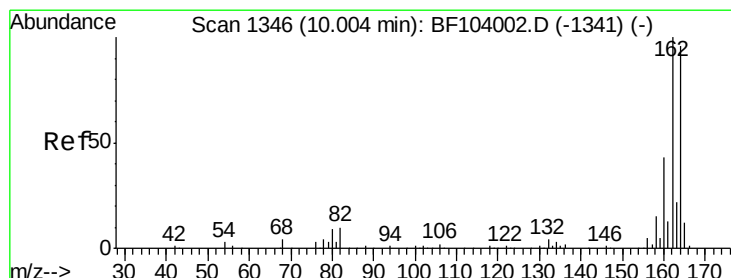
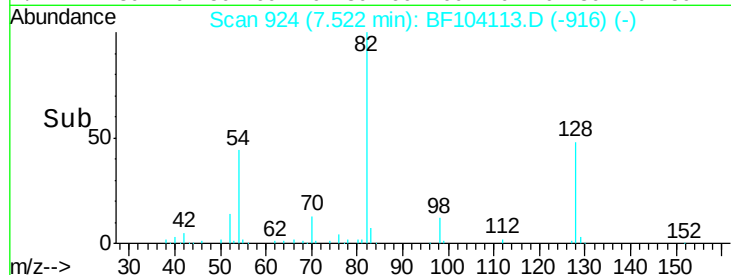
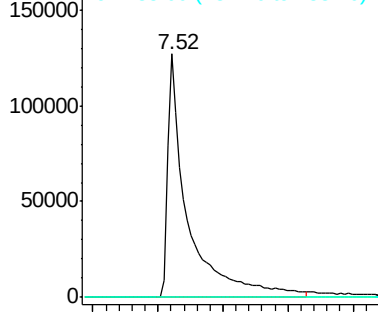
82 100

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: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

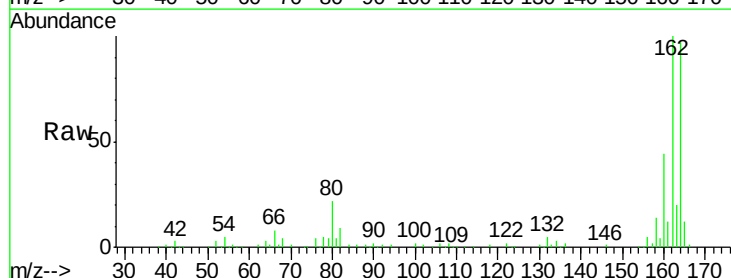
Tgt Ion:164 Resp: 180812

Ion Ratio Lower Upper

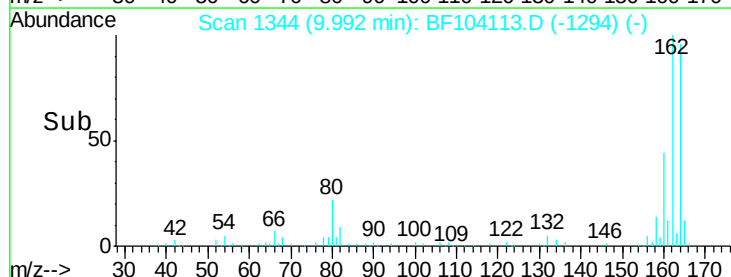
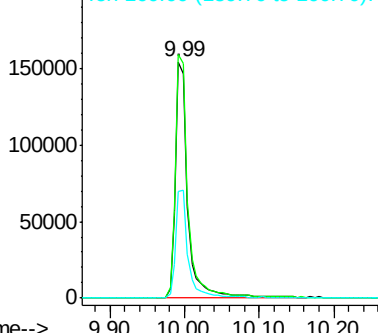
164 100

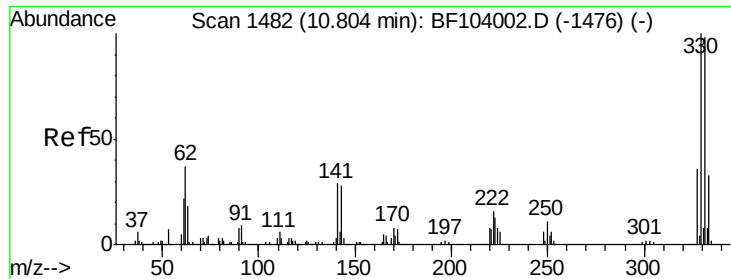
162 103.0 86.1 129.1

160 44.9 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: 51.103 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

Instrument :

BNA_F

ClientSampleId :

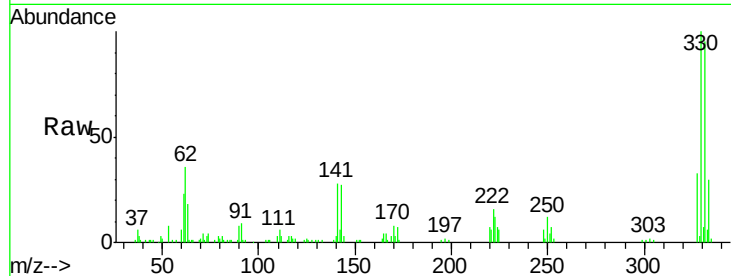
Tot Ion:330 Resp: 102888

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

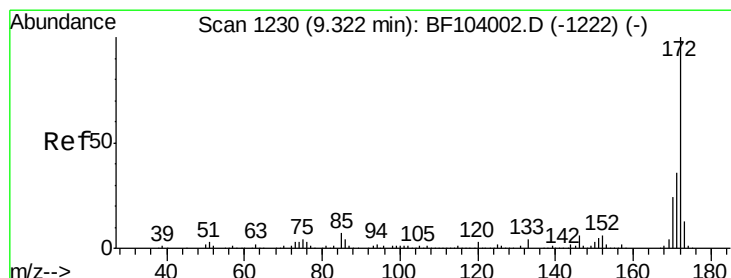
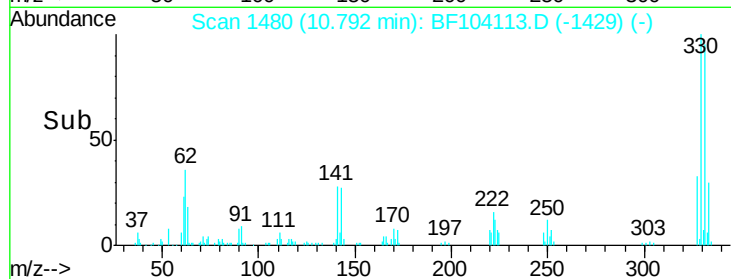
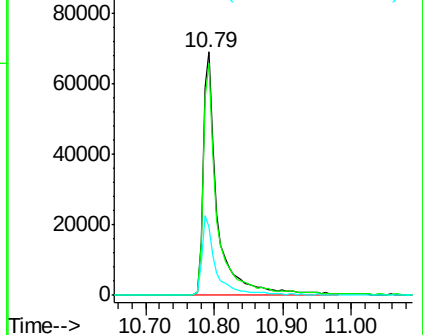
141 31.7 29.9 44.9



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: 47.877 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

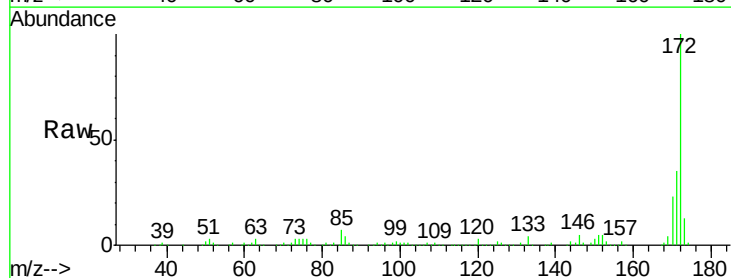
Tgt Ion:172 Resp: 548971

Ion Ratio Lower Upper

172 100

171 35.4 29.7 44.5

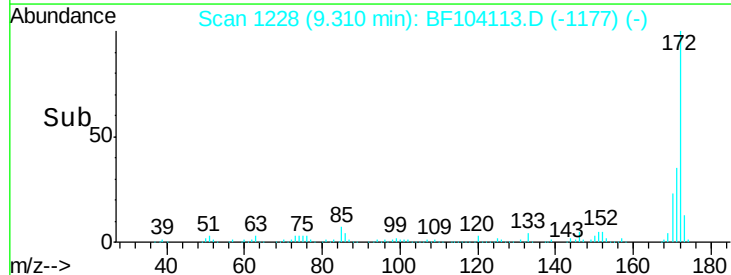
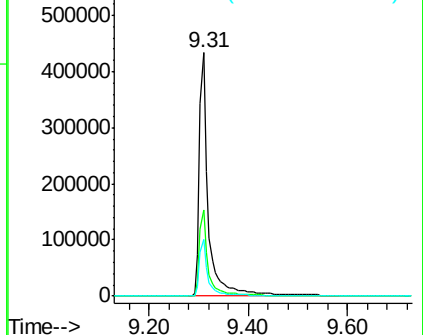
170 23.5 19.6 29.4

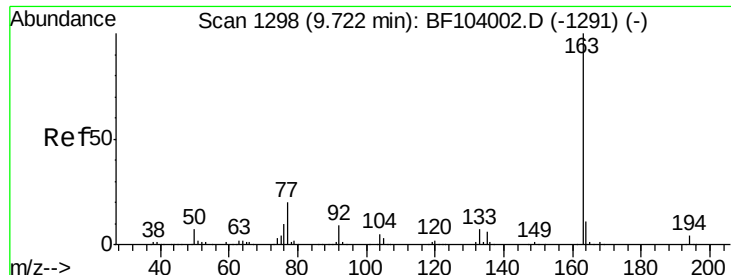


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

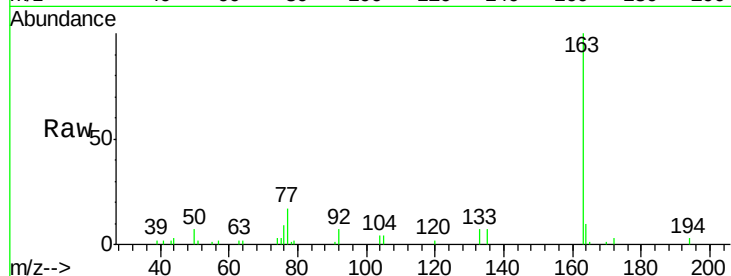




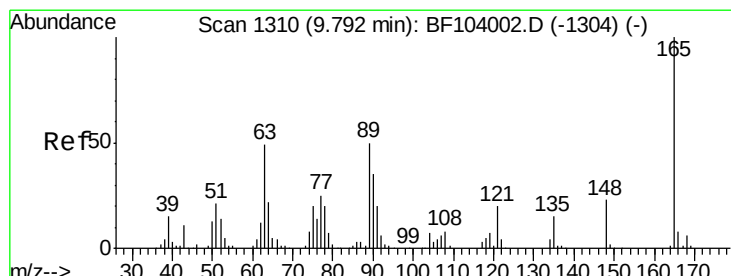
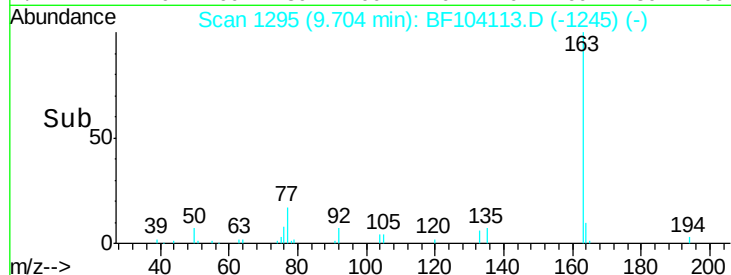
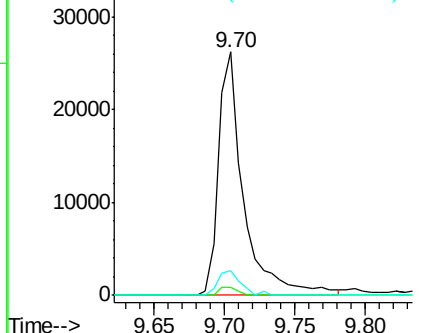
#49
 Dimethylphthalate
 Concen: 2.273 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104113.D
 Acq: 31 Mar 2018 00:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	163	Resp	32452
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

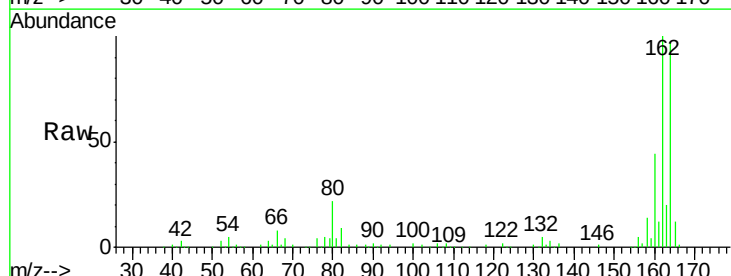


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

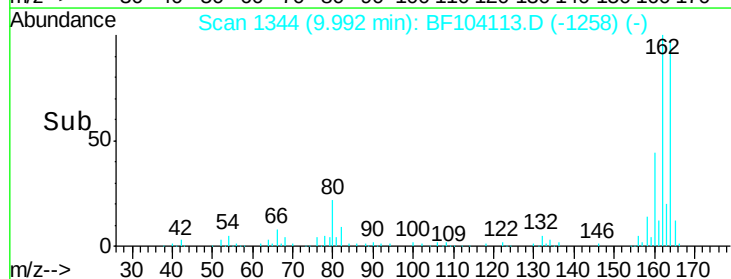
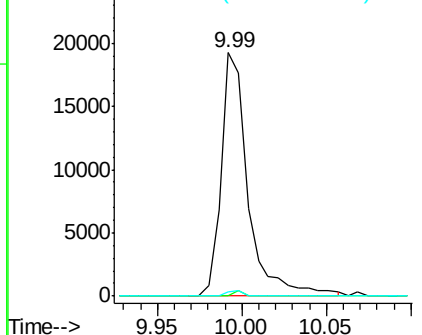


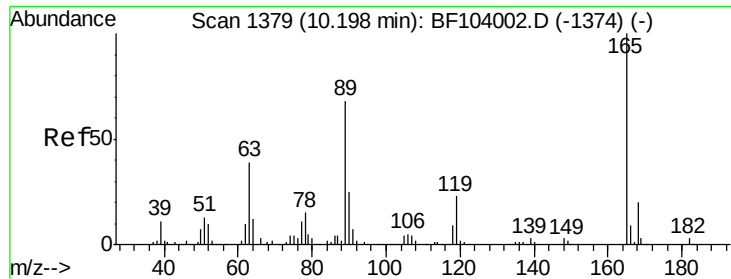
#50
 2,6-Dinitrotoluene
 Concen: 6.970 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104113.D
 Acq: 31 Mar 2018 00:25

Tgt Ion	165	Resp	21408
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	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

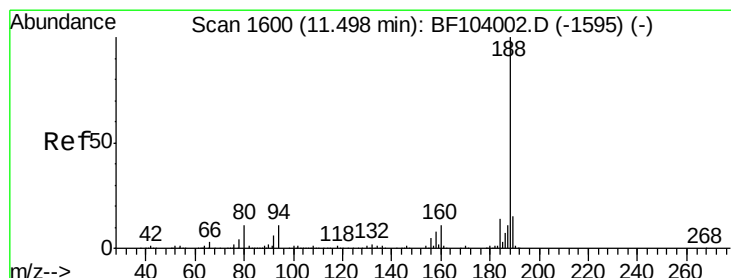
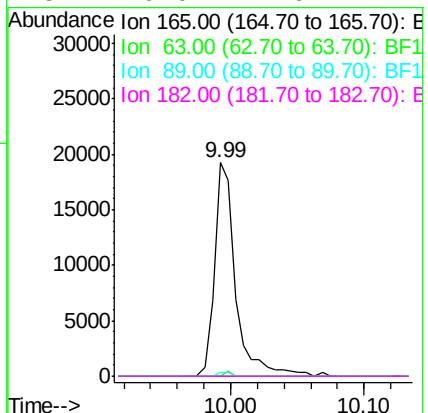
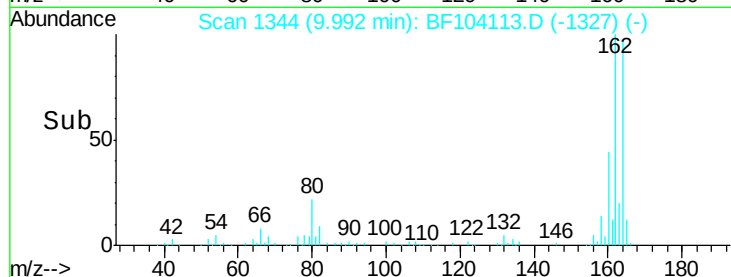
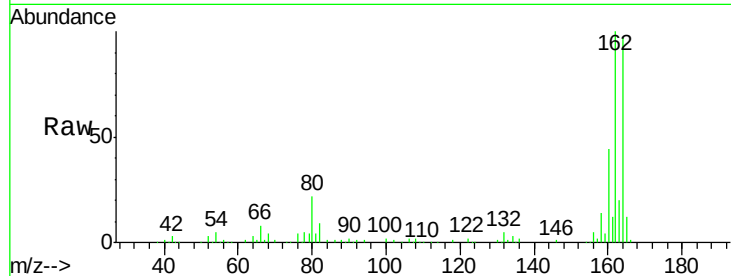




#56
2,4-Dinitrotoluene
Concen: 5.492 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104113.D
Acq: 31 Mar 2018 00:25

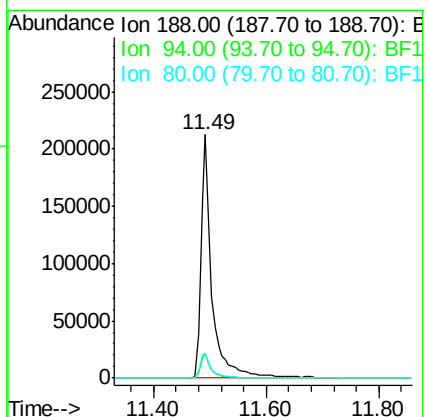
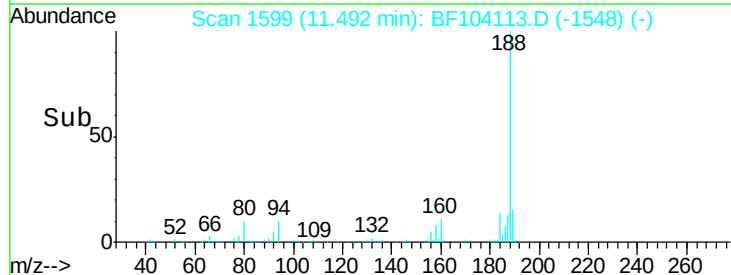
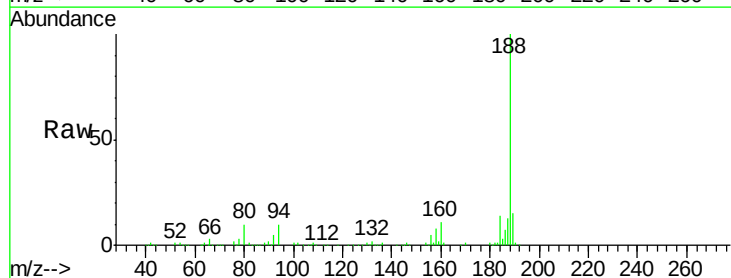
Instrument :
BNA_F
ClientSampleId :

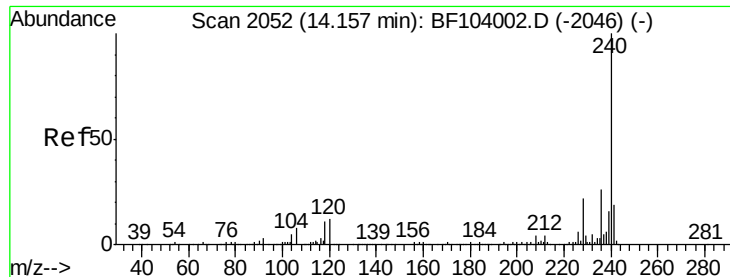
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104113.D
Acq: 31 Mar 2018 00:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.1	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

Instrument :

BNA_F

ClientSampleId :

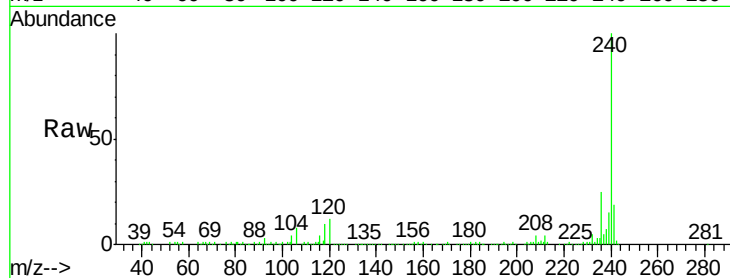
Tot Ion:240 Resp: 224931

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

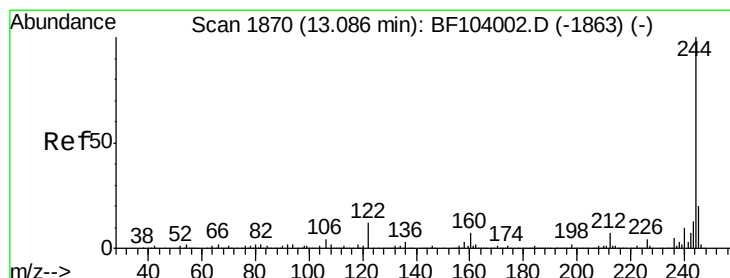
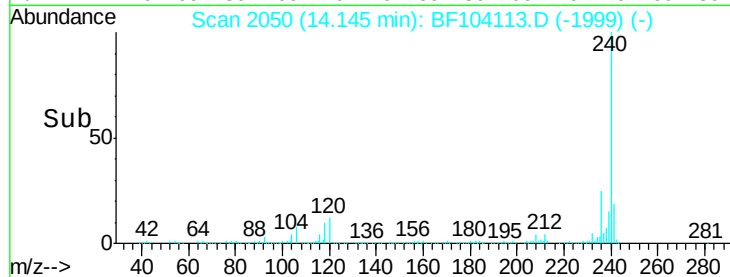
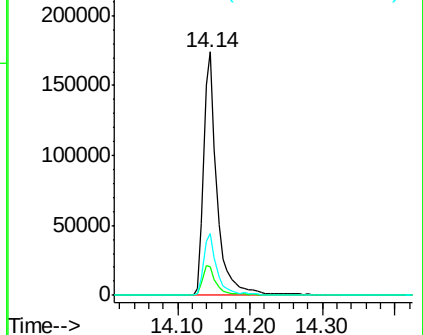
236 25.3 20.7 31.1



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: 43.991 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104113.D

Acq: 31 Mar 2018 00:25

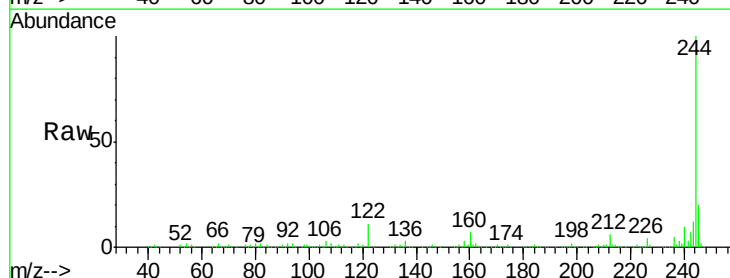
Tgt Ion:244 Resp: 428548

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

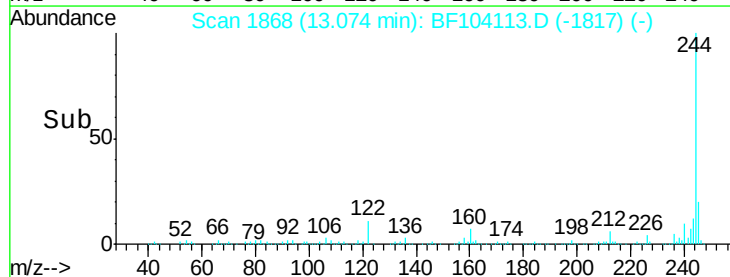
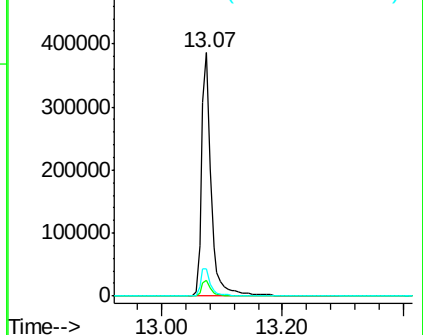
122 11.2 11.0 16.4

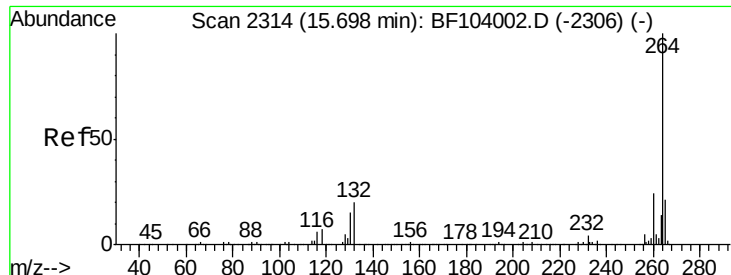


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

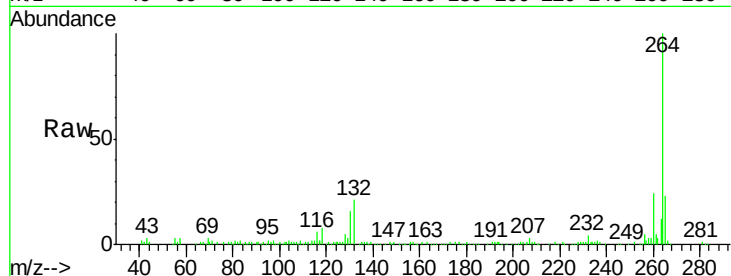




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104113.D
 Acq: 31 Mar 2018 00:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	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

