

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104606.D
 Acq On : 18 Apr 2018 17:18
 Operator : JU/SJ
 Sample : J2427-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 18:05:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

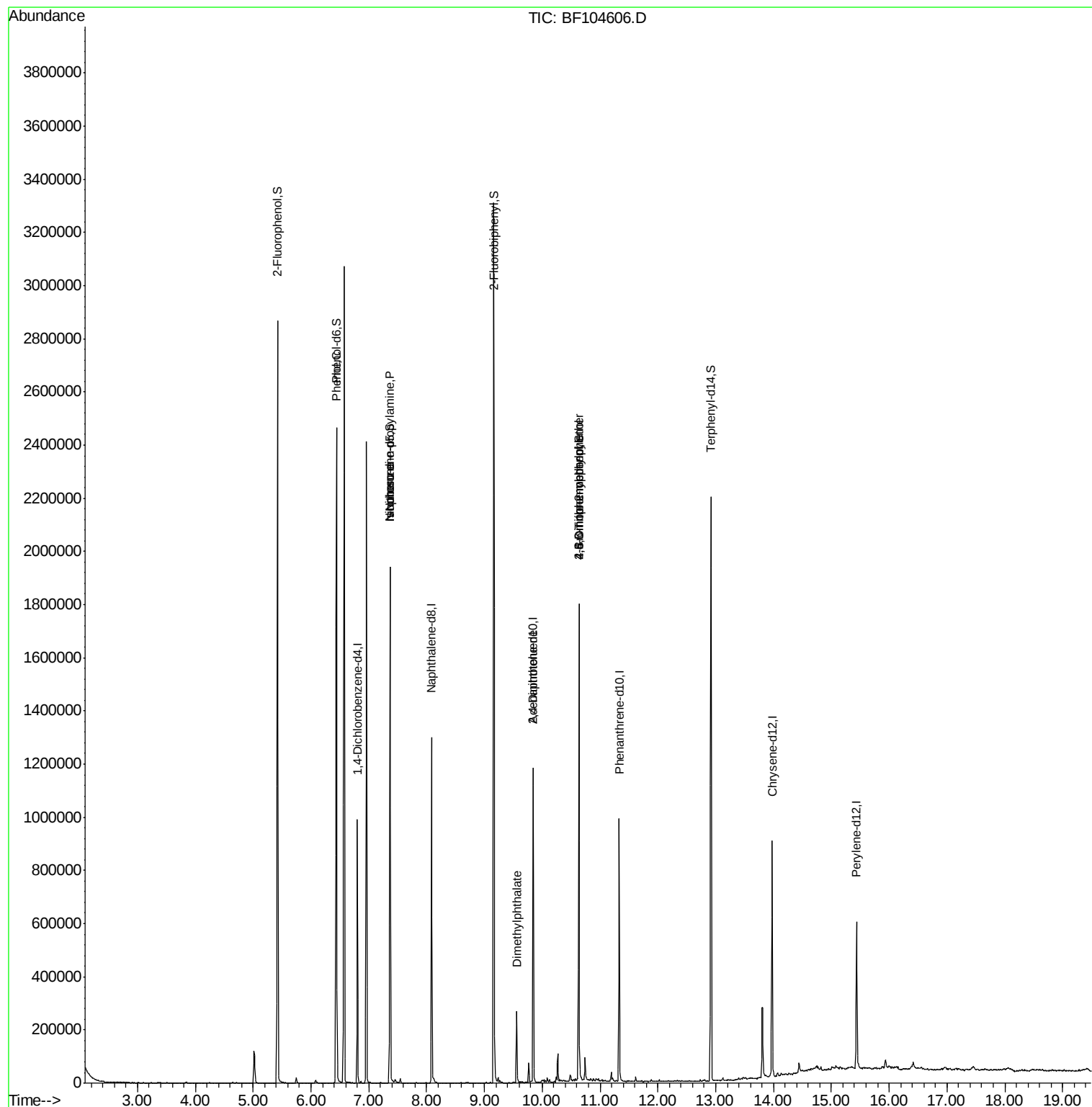
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141700	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	566192	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	239027	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	361785	20.00	ng	0.00
75) Chrysene-d12	13.97	240	281975	20.00	ng	0.00
86) Perylene-d12	15.44	264	236377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	867050	93.56	ng	0.00
7) Phenol-d6	6.44	99	1063169	93.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	653917	75.42	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	220878	89.08	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1036029	68.47	ng	0.00
78) Terphenyl-d14	12.92	244	754811	61.03	ng	0.00
Target Compounds						
10) Phenol	6.45	94	25812	2.137	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	84158	11.311	ng	# 75
25) Isophorone	7.37	82	653909	35.663	ng	# 64
49) Dimethylphthalate	9.56	163	110588	5.867	ng	100
56) 2,4-Dinitrotoluene	9.84	165	30177	6.596	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	461	7.569	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13268	3.448	ng	# 1
76) Benzidine	12.92	184	9673	Below Cal		# 97

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

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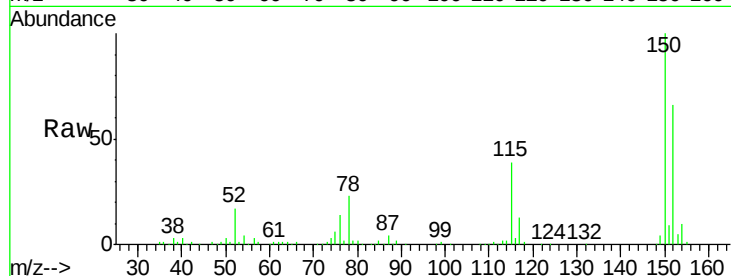


#1

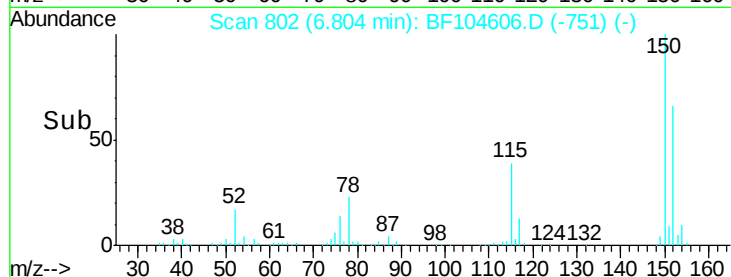
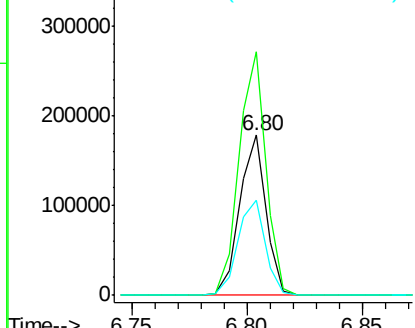
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141700
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.7 50.1 75.1



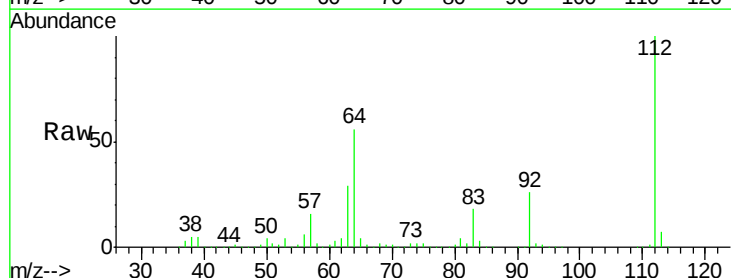
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



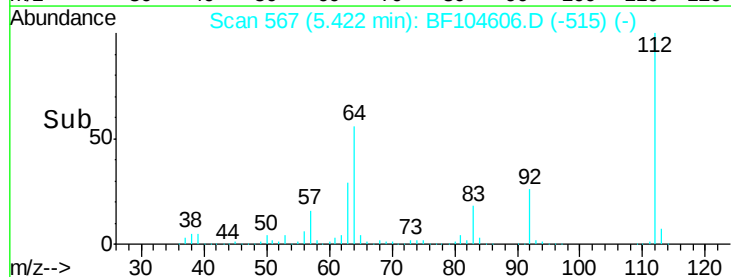
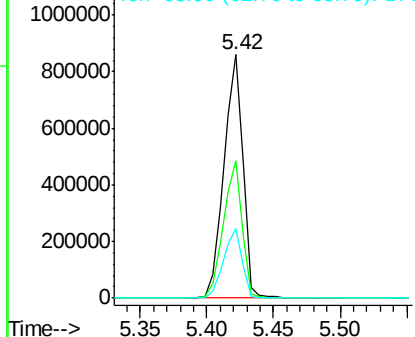
#5

2-Fluorophenol
Concen: 93.562 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Tgt Ion:112 Resp: 867050
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.8 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: 93.372 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104606.D

Acq: 18 Apr 2018 17:18

Instrument :

BNA_F

ClientSampleId :

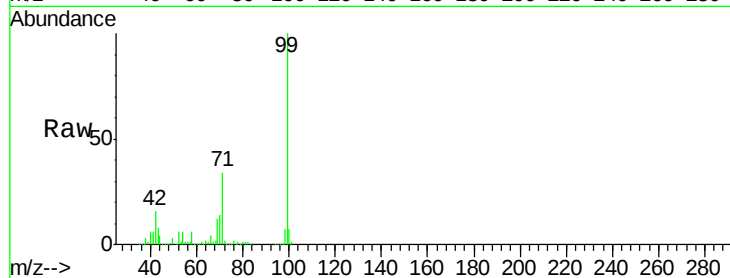
Tot Ion: 99 Resp: 1063169

Ion Ratio Lower Upper

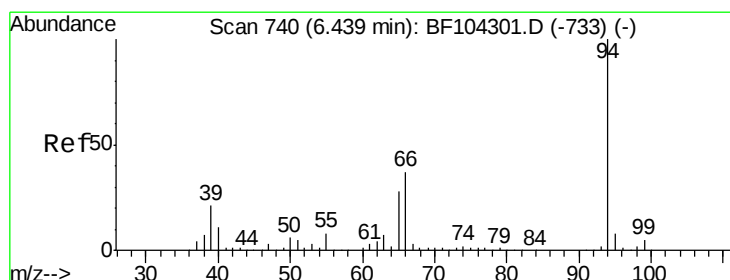
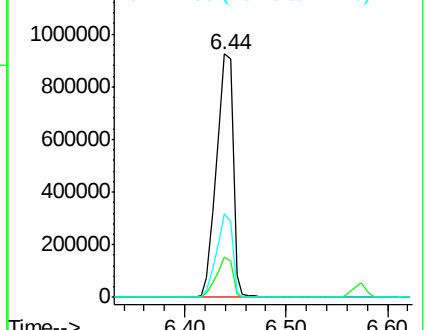
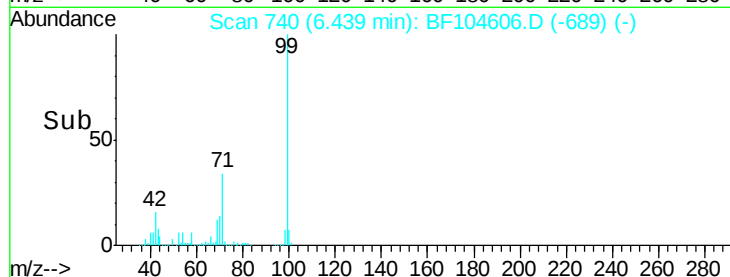
99 100

42 16.5 14.5 21.7

71 34.1 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: 2.137 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104606.D

Acq: 18 Apr 2018 17:18

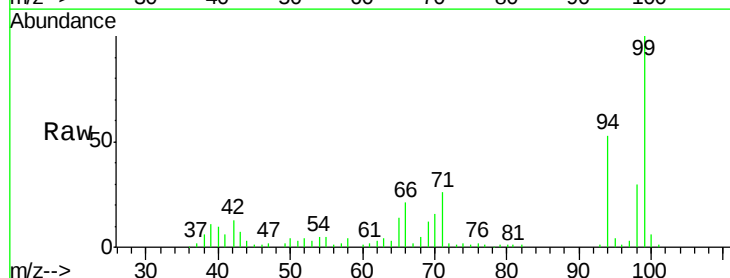
Tgt Ion: 94 Resp: 25812

Ion Ratio Lower Upper

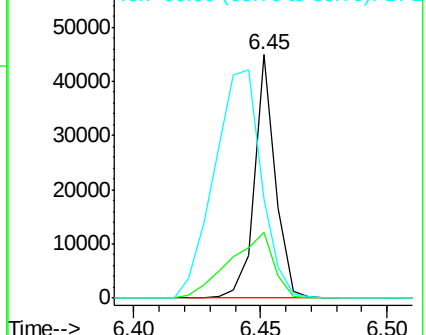
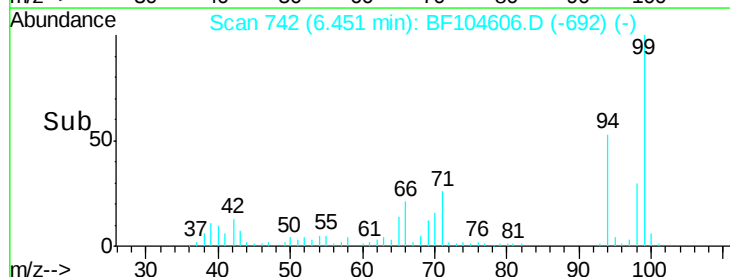
94 100

65 26.9 7.9 47.9

66 40.4 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

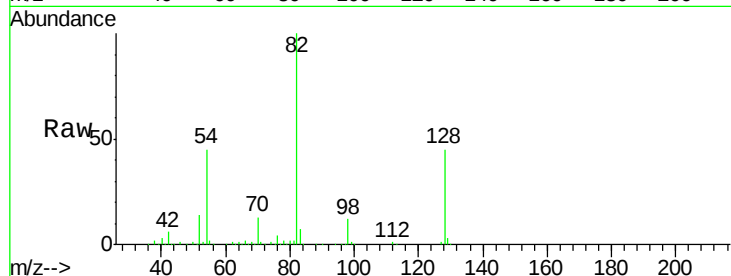




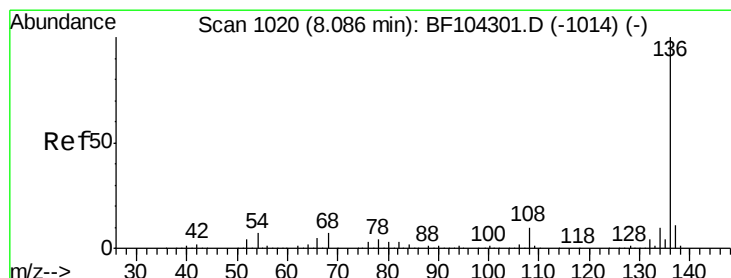
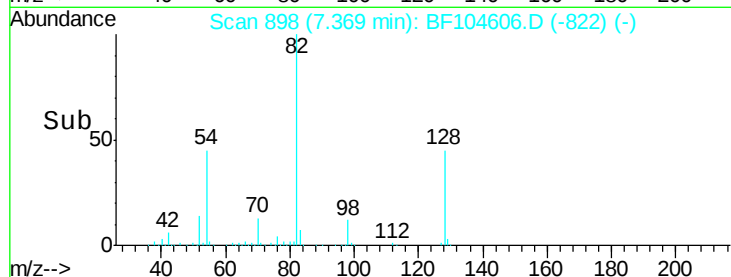
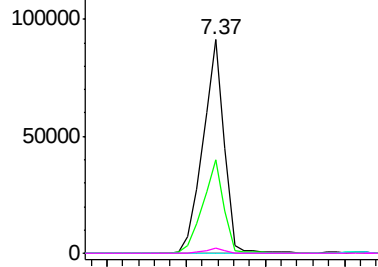
#19
n-Nitroso-di-n-propylamine
Concen: 11.311 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84158
Ion Ratio Lower Upper
70 100
42 44.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

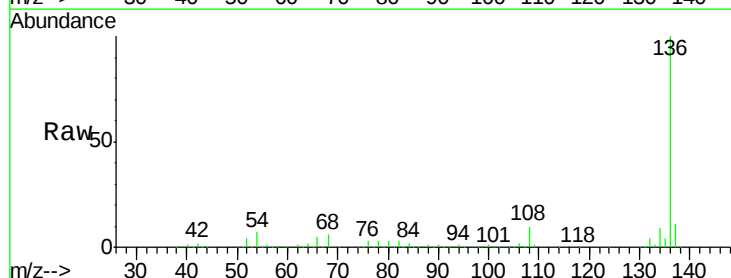


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

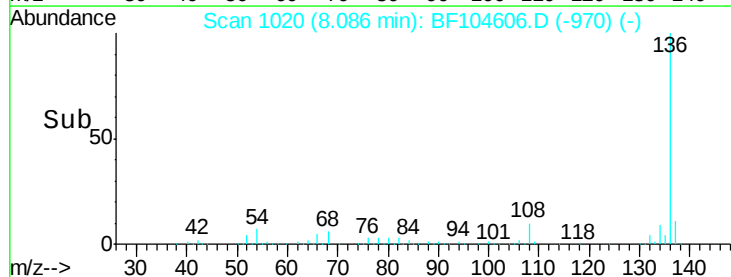
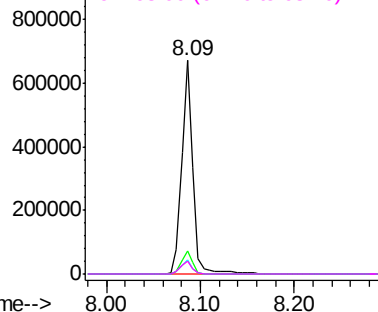


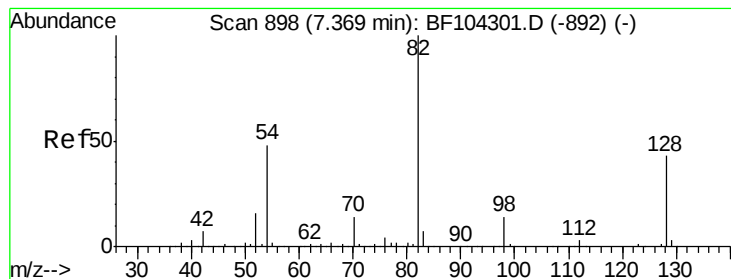
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Tgt Ion:136 Resp: 566192
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 6.6 9.8
68 6.2 5.0 7.4



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





#23

Nitrobenzene-d5

Concen: 75.415 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104606.D

Acq: 18 Apr 2018 17:18

Instrument :

BNA_F

ClientSampled :

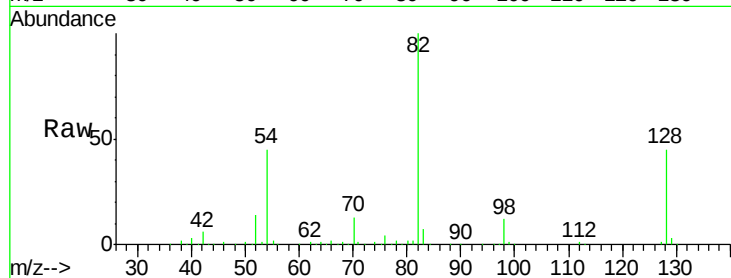
Tot Ion: 82 Resp: 653917

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

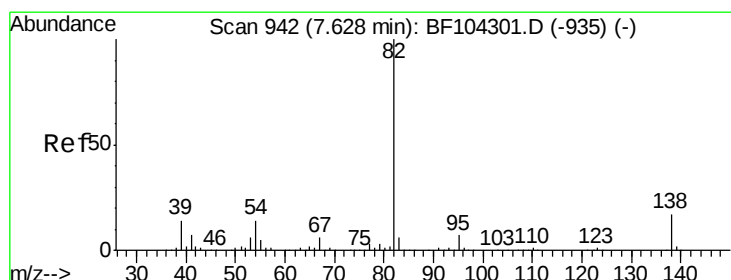
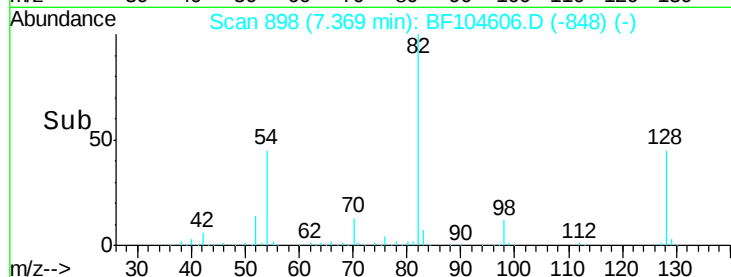
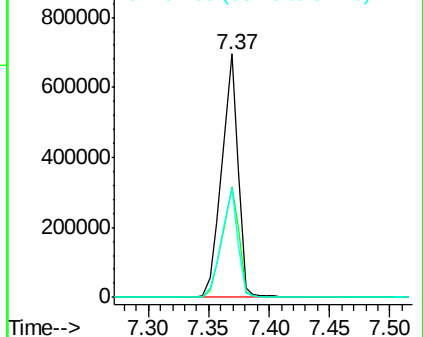
54 44.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 35.663 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104606.D

Acq: 18 Apr 2018 17:18

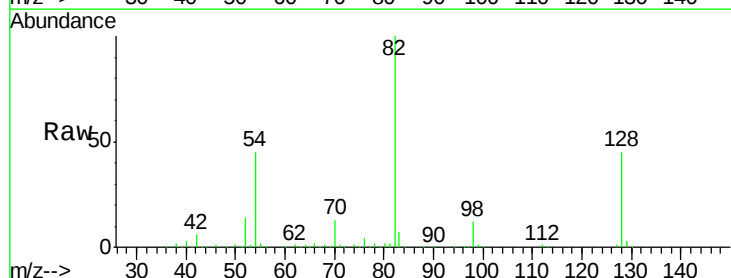
Tgt Ion: 82 Resp: 653909

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

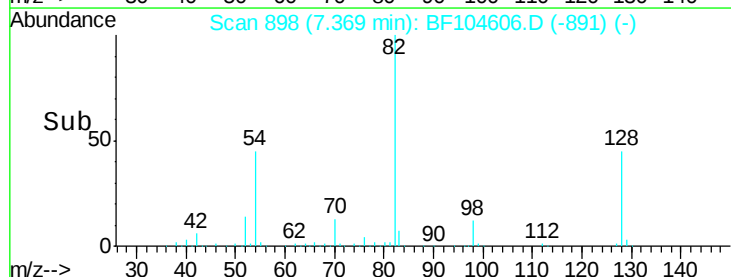
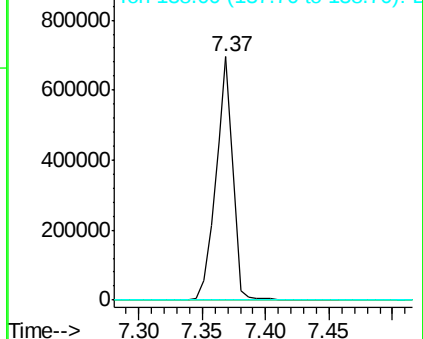
138 0.0 14.9 22.3#

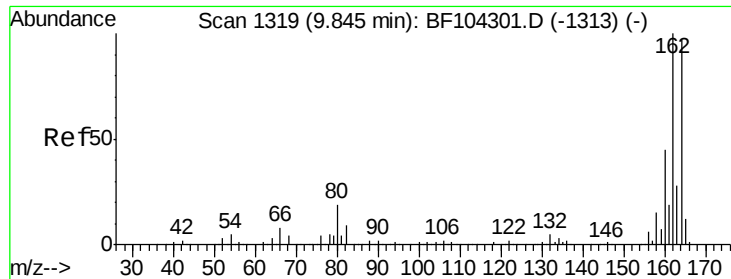


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

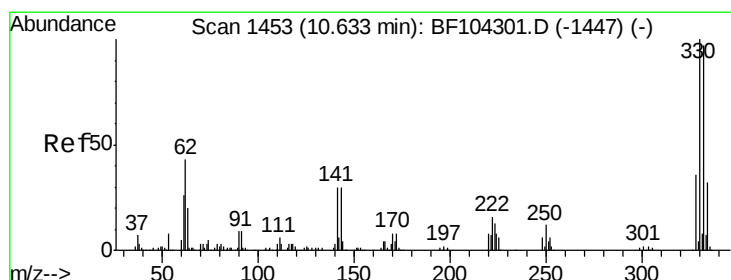
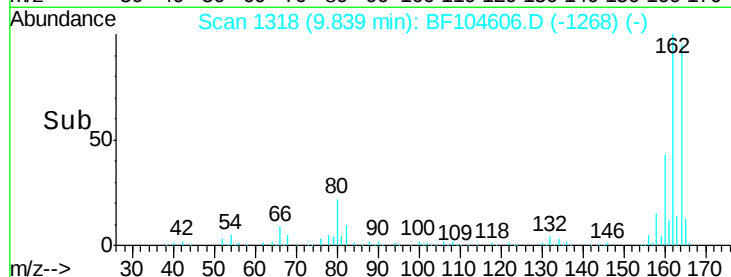
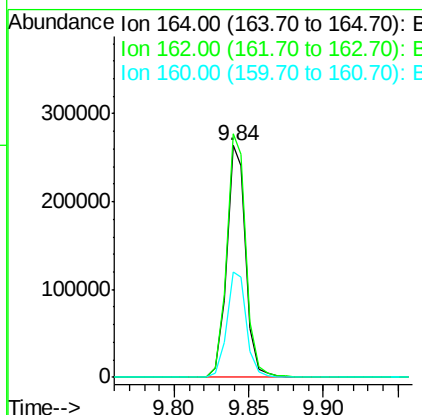
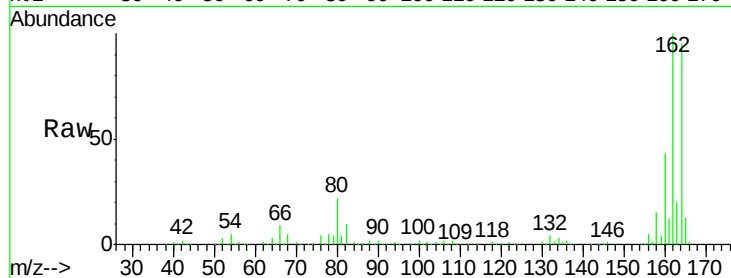




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

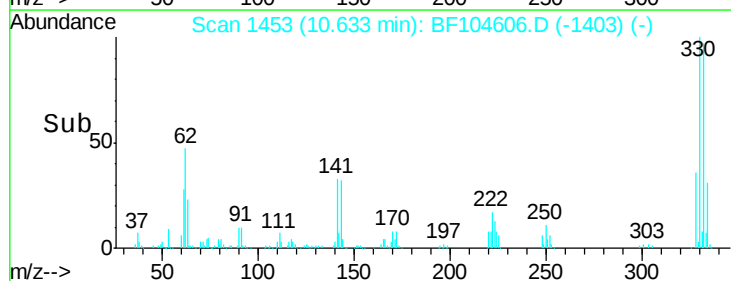
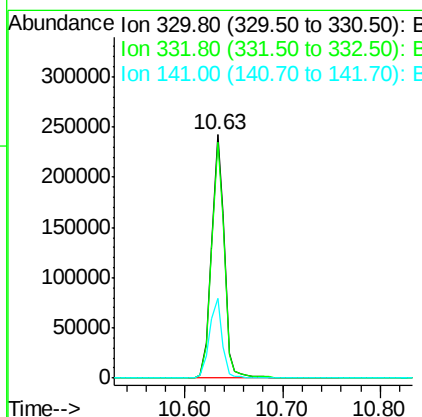
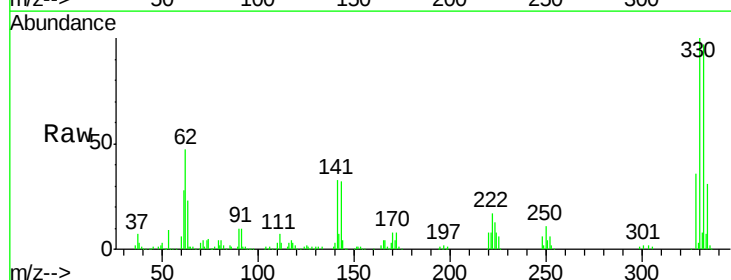
Instrument :
 BNA_F
 ClientSampleId :

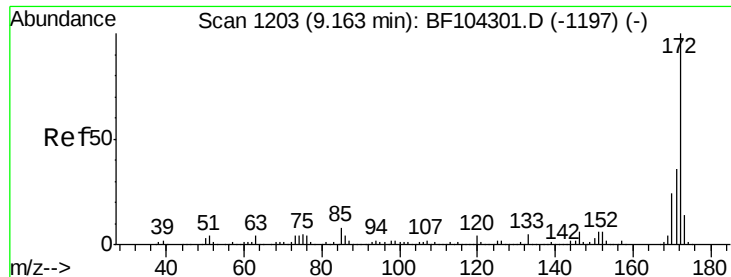
Tot Ion:164 Resp: 239027
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 89.082 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Tgt Ion:330 Resp: 220878
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.2 29.9 44.9



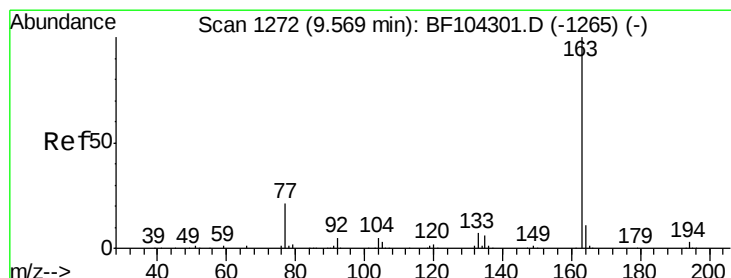
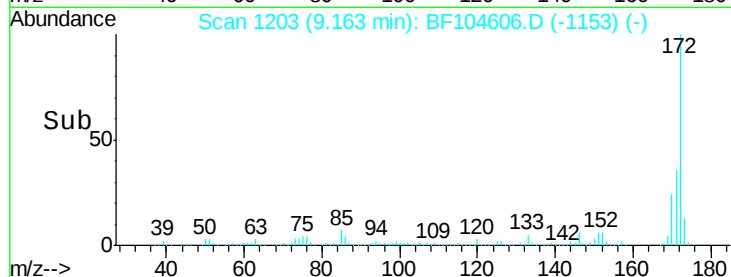
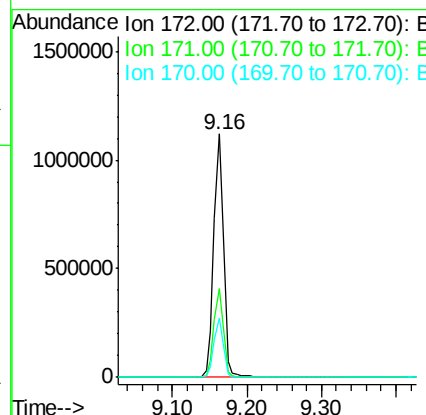
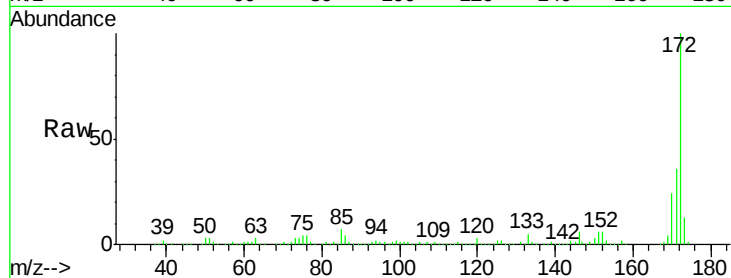


#44
 2-Fluorobiphenyl
 Concen: 68.472 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1036029

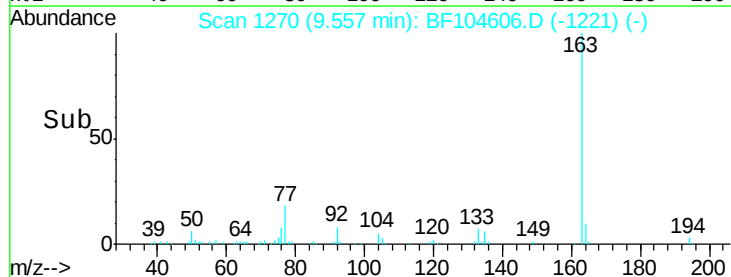
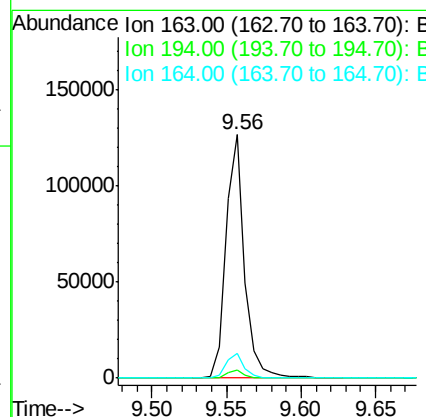
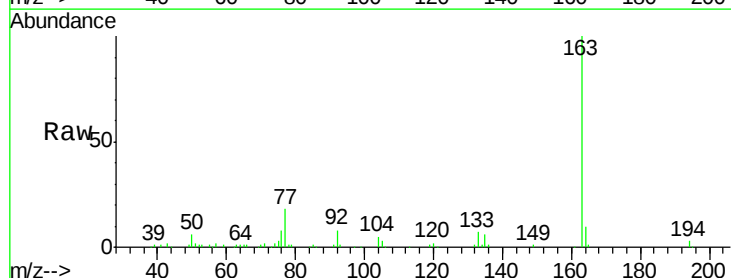
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



#49
 Dimethylphthalate
 Concen: 5.867 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Tgt Ion:163 Resp: 110588

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

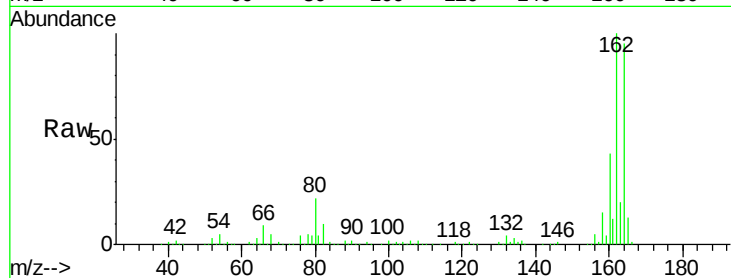




#56
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

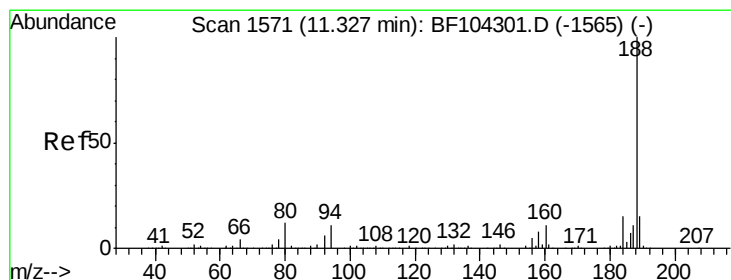
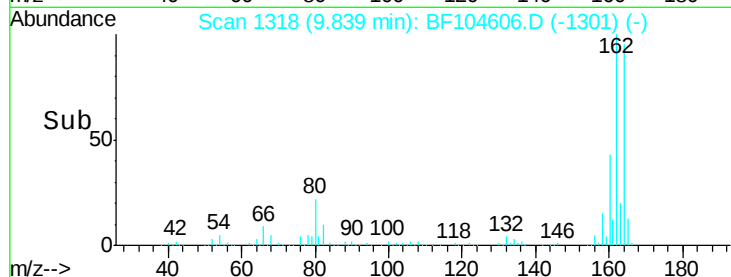
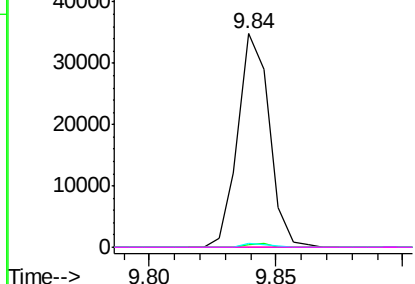


Abundance Ion 165.00 (164.70 to 165.70): E

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



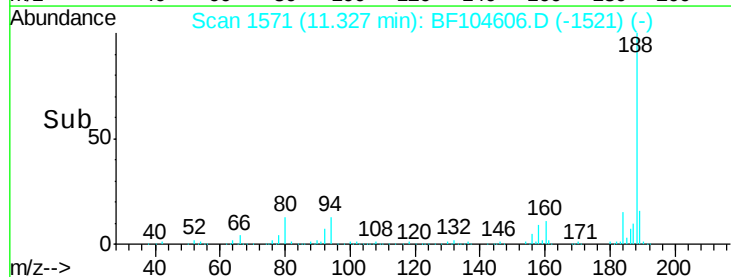
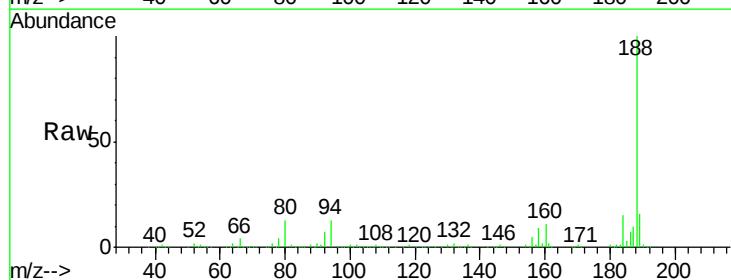
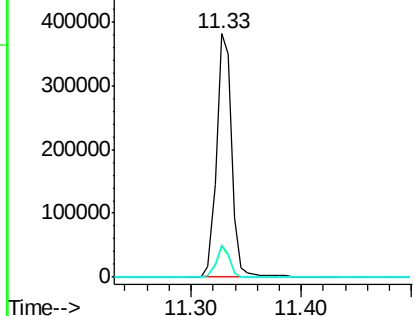
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

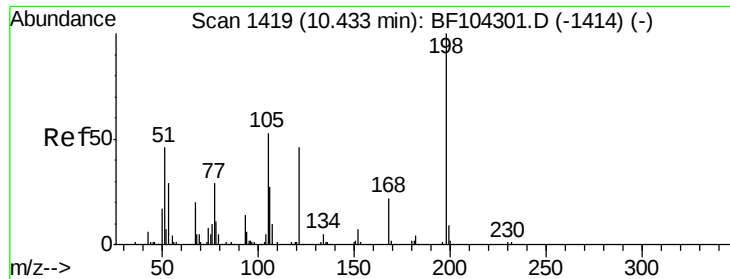
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.1	9.2	13.8

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

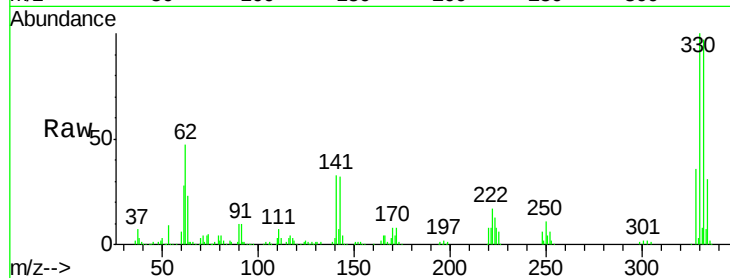




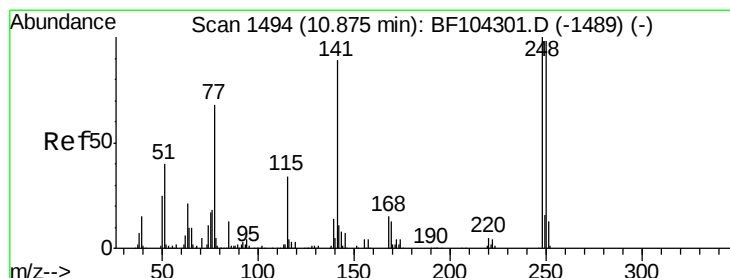
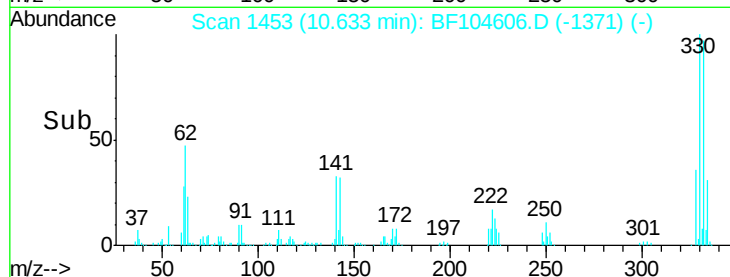
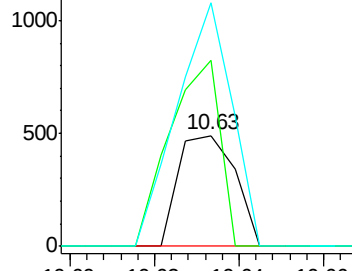
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.569 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 461
 Ion Ratio Lower Upper
 198 100
 51 167.9 37.7 77.7#
 105 219.1 36.3 76.3#

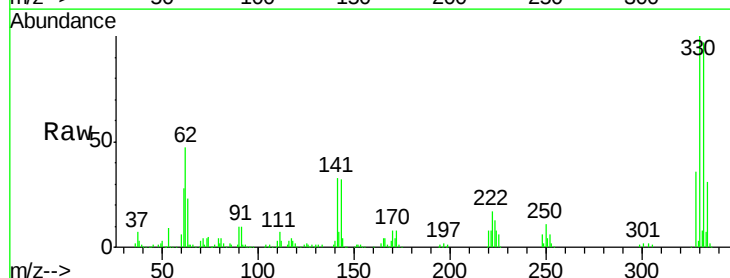


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

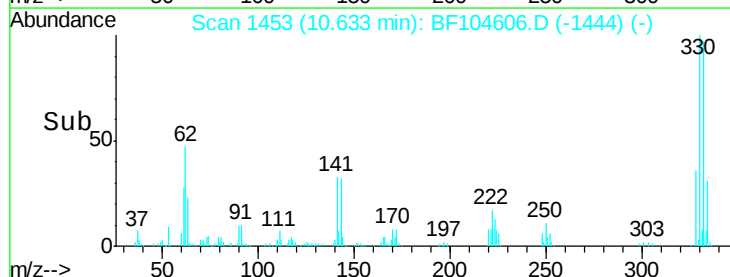
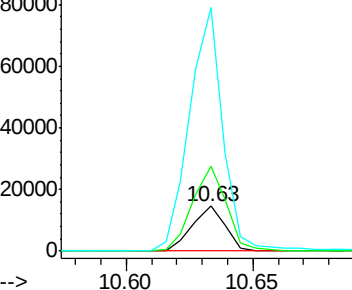


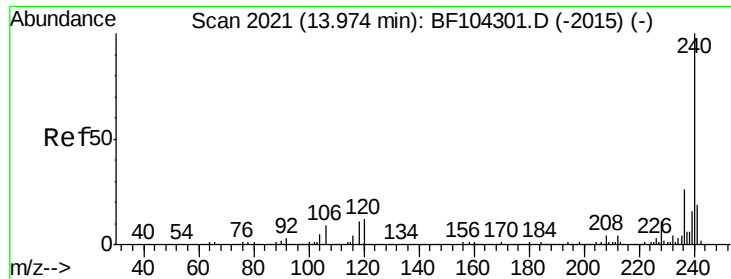
#66
 4-Bromophenyl-phenylether
 Concen: 3.448 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Tgt Ion:248 Resp: 13268
 Ion Ratio Lower Upper
 248 100
 250 190.1 76.9 115.3#
 141 542.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

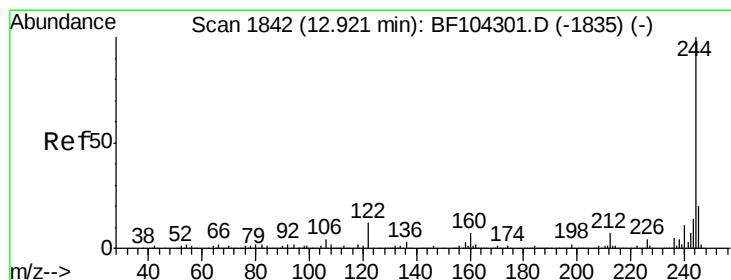
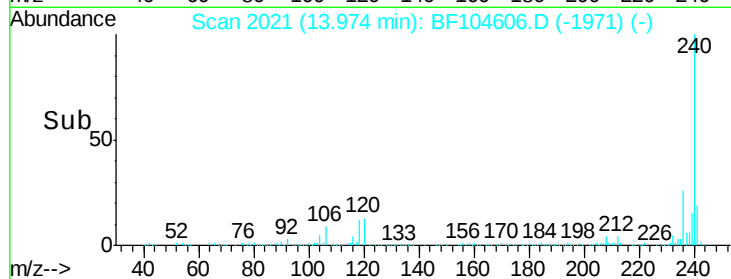
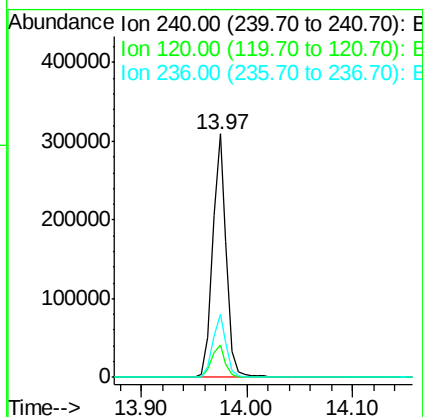
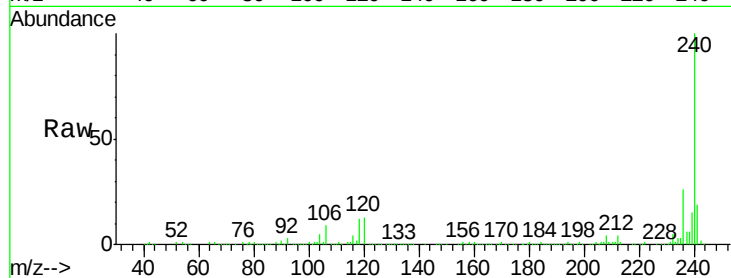




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

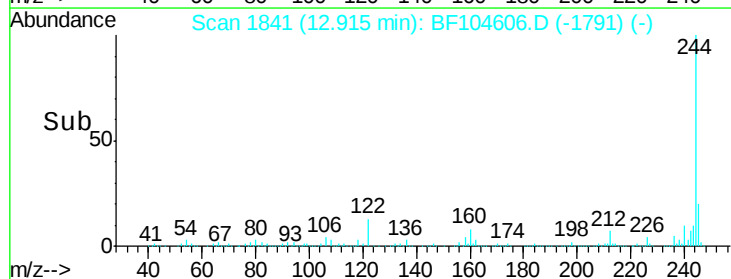
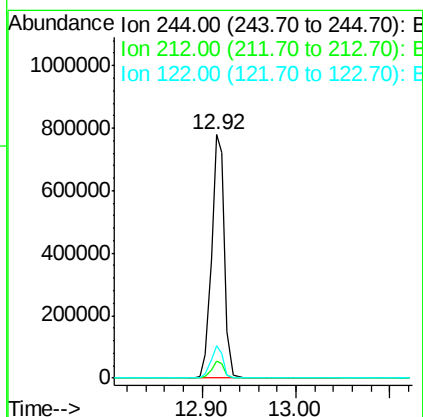
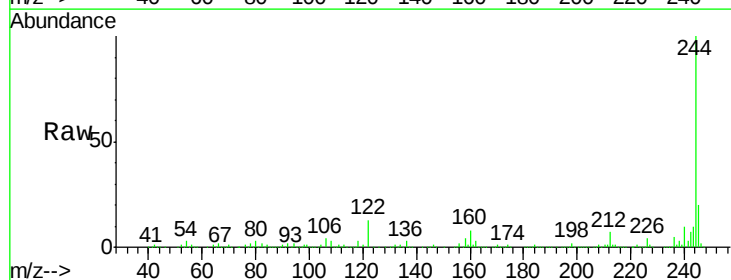
Instrument :
 BNA_F
 ClientSampleId :

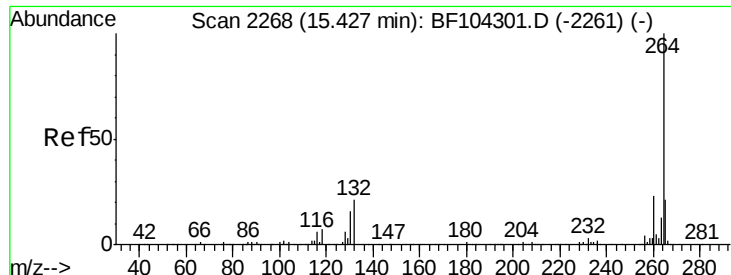
Tot Ion:240 Resp: 281975
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 61.028 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104606.D
 Acq: 18 Apr 2018 17:18

Tgt Ion:244 Resp: 754811
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 11.0 16.4

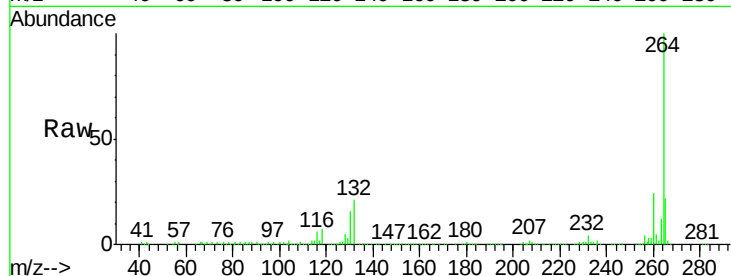




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104606.D
Acq: 18 Apr 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

