

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104337.D
 Acq On : 7 Apr 2018 5:27
 Operator : JU/SJ
 Sample : J2225-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 06:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149872	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604936	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	265697	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	388707	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292320	20.00	ng	0.00
86) Perylene-d12	15.43	264	263195	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	361466	36.88	ng	0.00
7) Phenol-d6	6.42	99	267470	22.21	ng	-0.01
23) Nitrobenzene-d5	7.37	82	904156	97.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	203798	73.94	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1461997	86.93	ng	0.00
78) Terphenyl-d14	12.92	244	1064024	82.98	ng	0.00

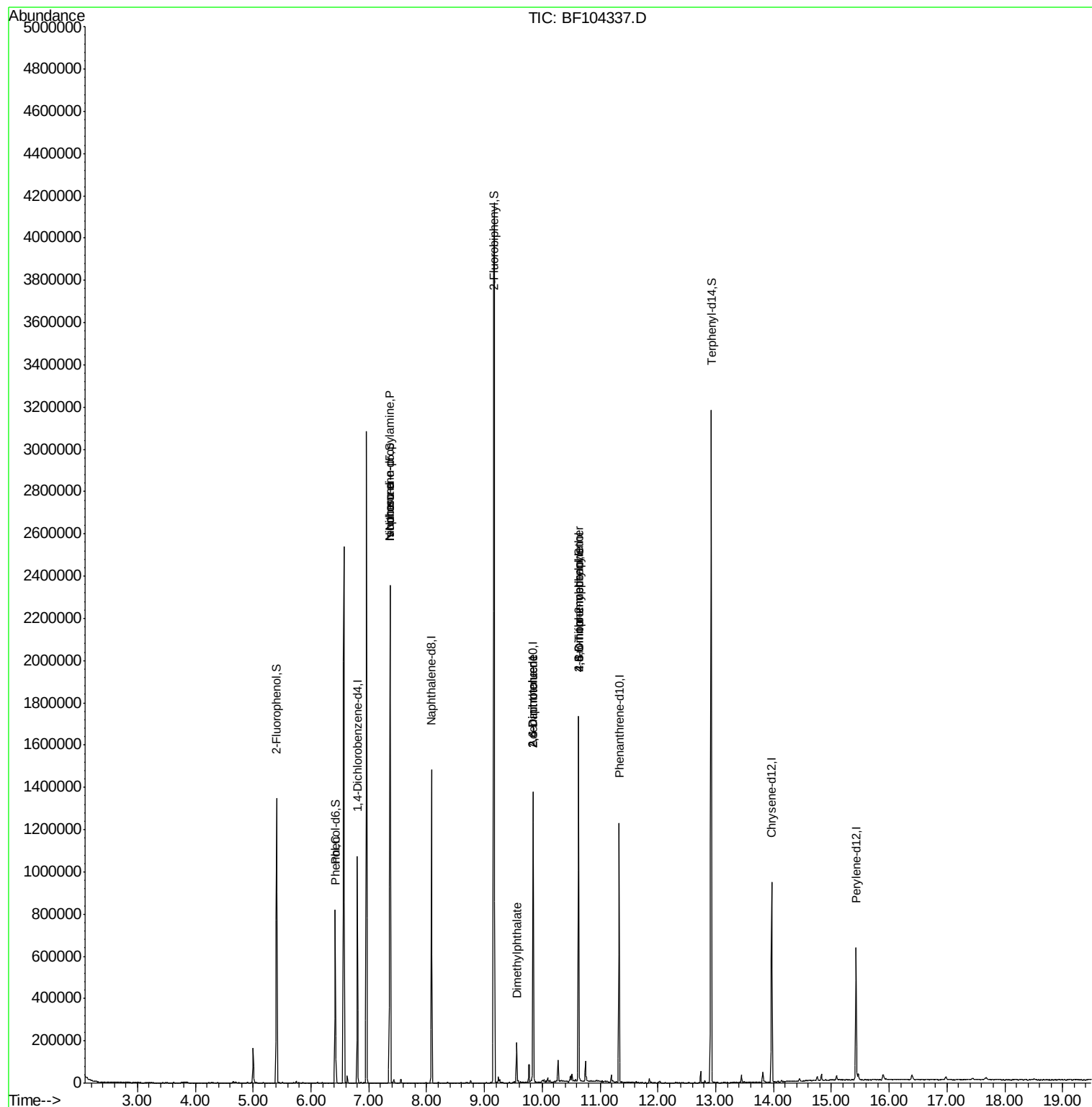
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	656	Below Cal		# 1
10) Phenol	6.43	94	36352	2.845	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	119907	15.237	ng	# 74
25) Isophorone	7.37	82	903582	46.123	ng	# 64
49) Dimethylphthalate	9.56	163	65314	3.117	ng	99
50) 2,6-Dinitrotoluene	9.84	165	34228	8.829	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	34228	6.731	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	368	7.512	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12544	3.034	ng	# 1
76) Benzidine	12.92	184	13833	Below Cal		97

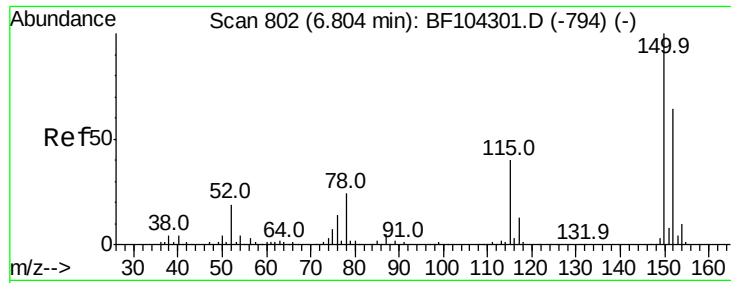
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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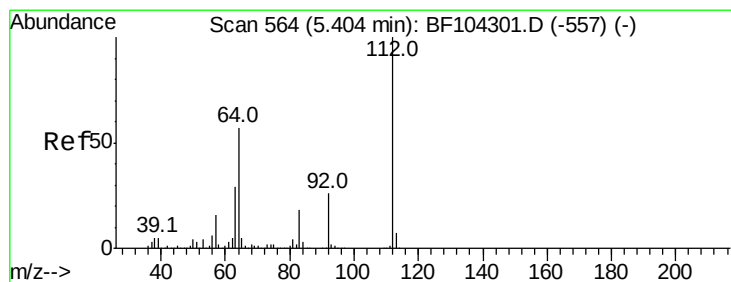
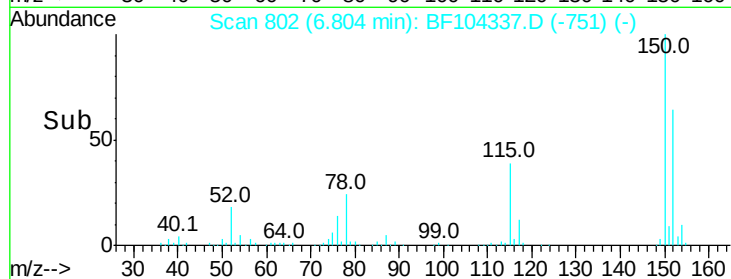
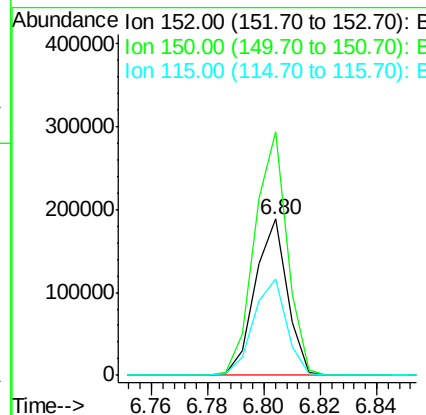
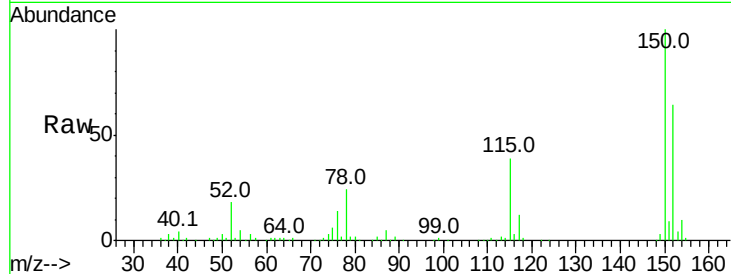


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Instrument :
BNA_F
ClientSampleId :

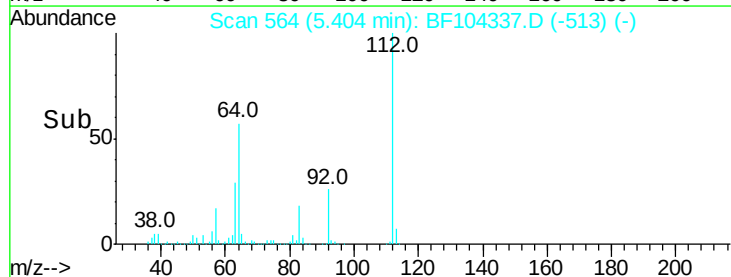
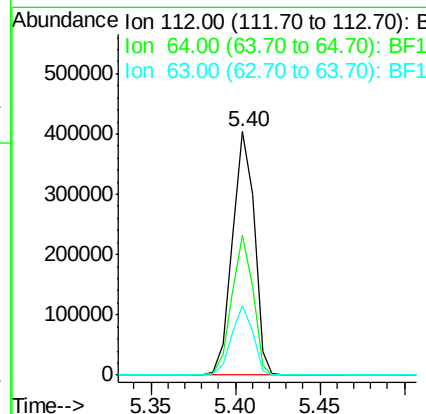
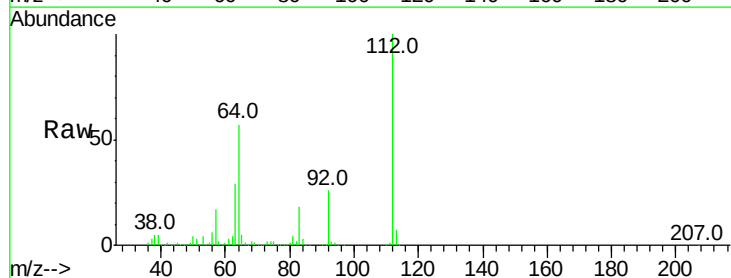
Tot Ion:152 Resp: 149872
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 61.4 50.1 75.1

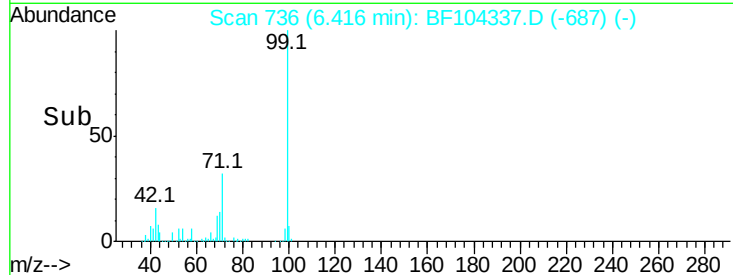
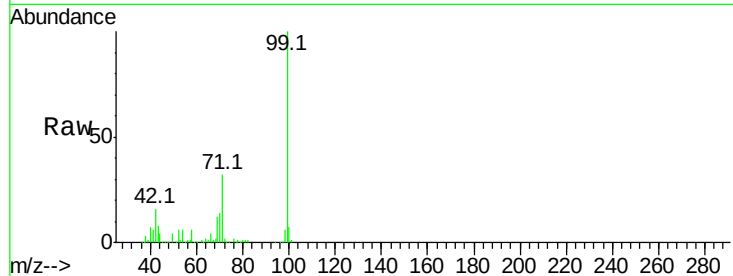
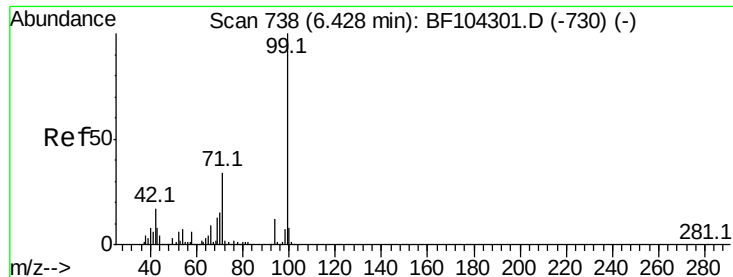


#5

2-Fluorophenol
Concen: 36.878 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Tgt Ion:112 Resp: 361466
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 22.210 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

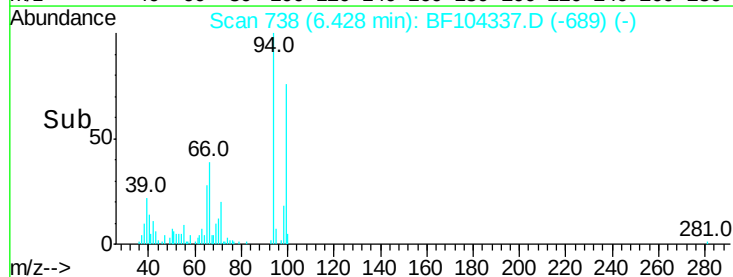
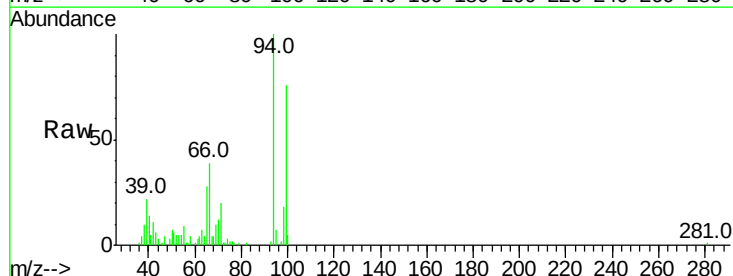
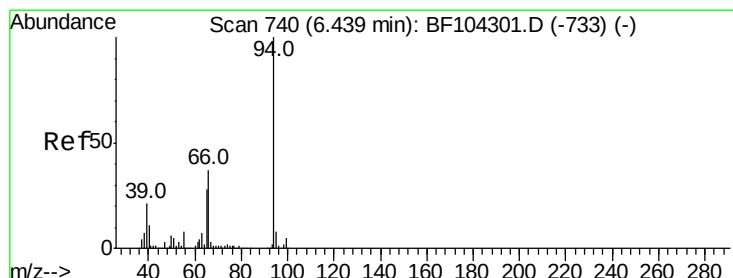
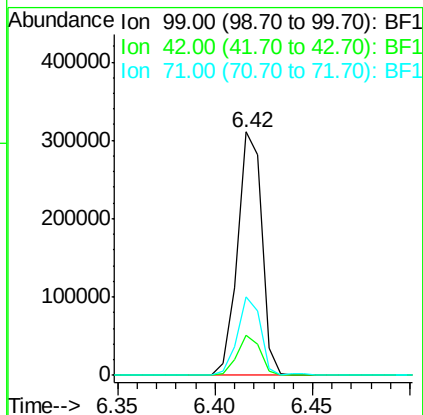
Tot Ion: 99 Resp: 267470

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 32.4 25.4 38.0



#10

Phenol

Concen: 2.845 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

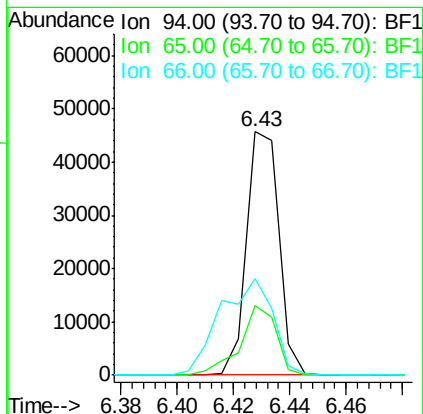
Tgt Ion: 94 Resp: 36352

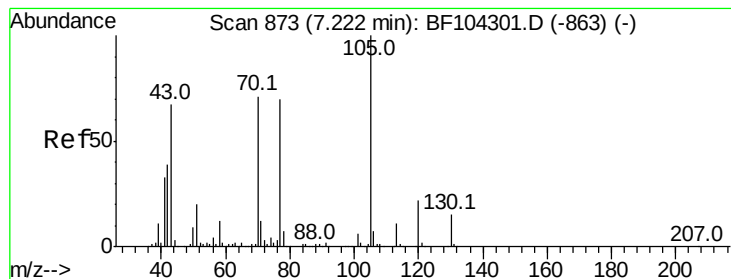
Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

66 39.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.237 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 119907

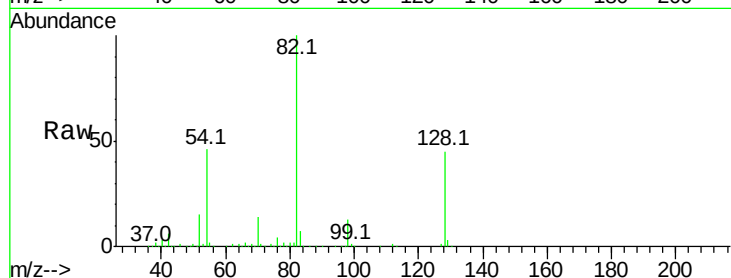
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

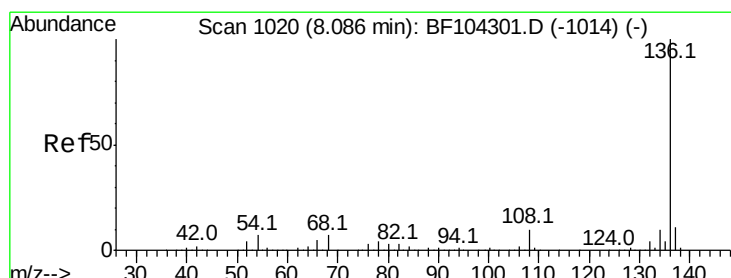
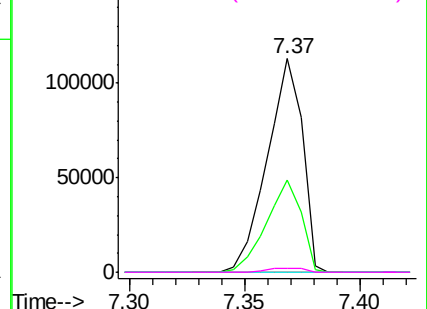
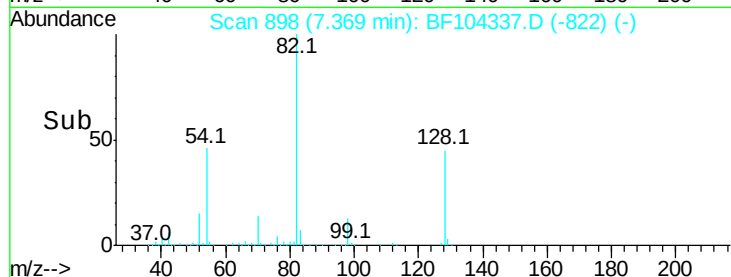


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): 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. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Tgt Ion:136 Resp: 604936

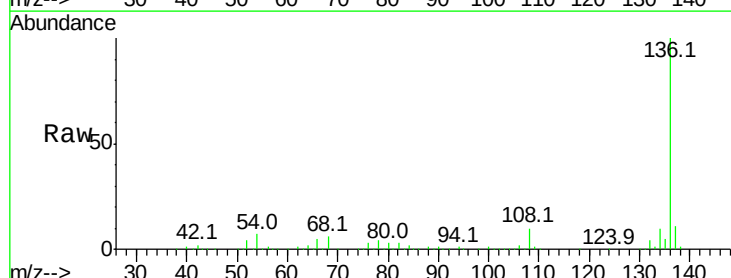
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

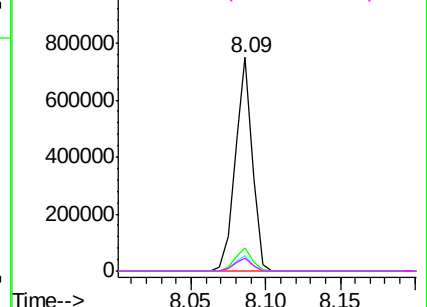
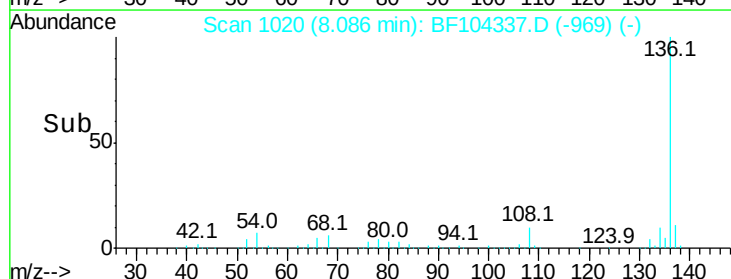


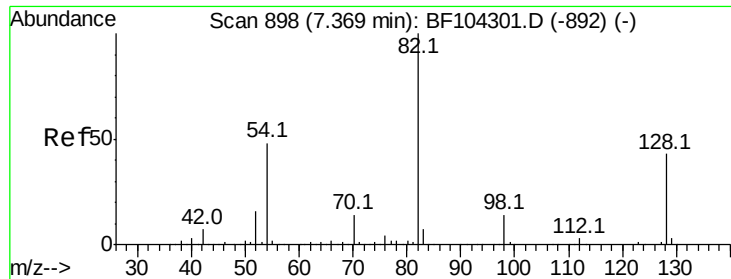
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

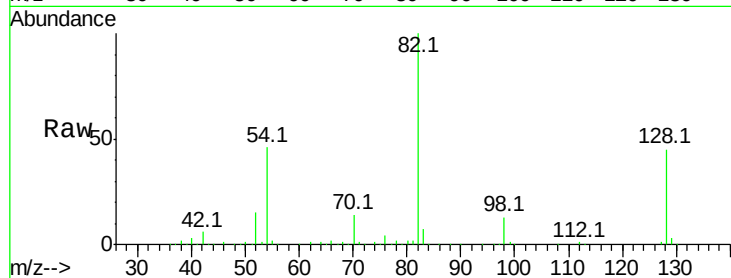




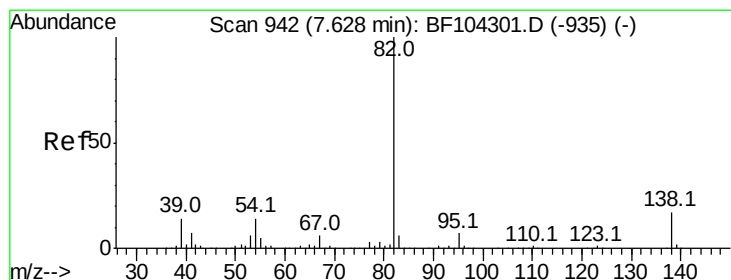
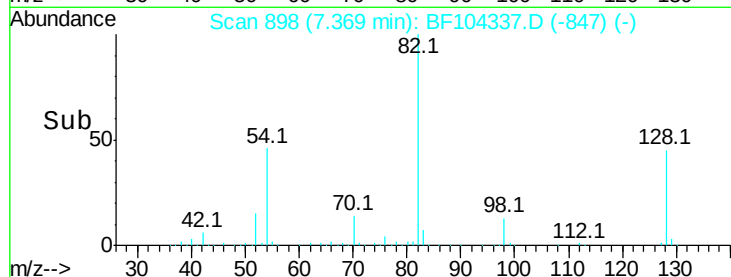
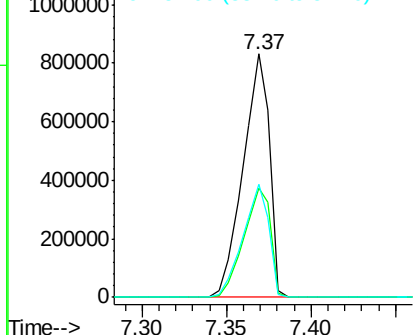
#23
 Nitrobenzene-d5
 Concen: 97.596 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 904156
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 46.2 41.4 62.2

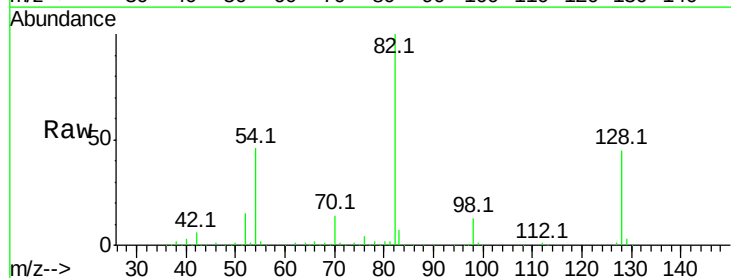


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

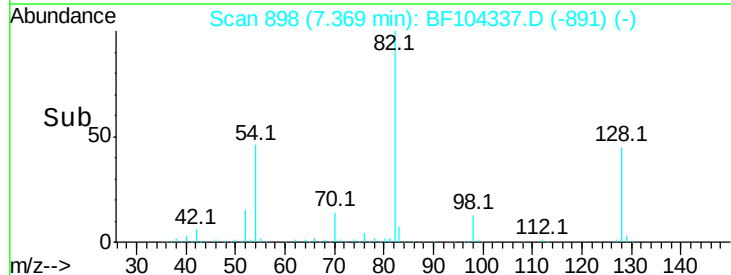
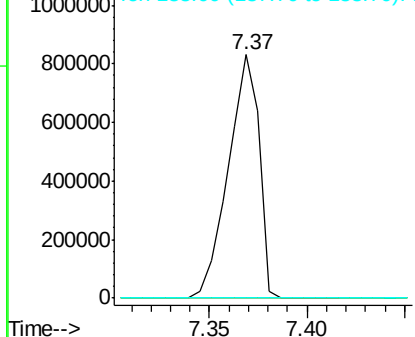


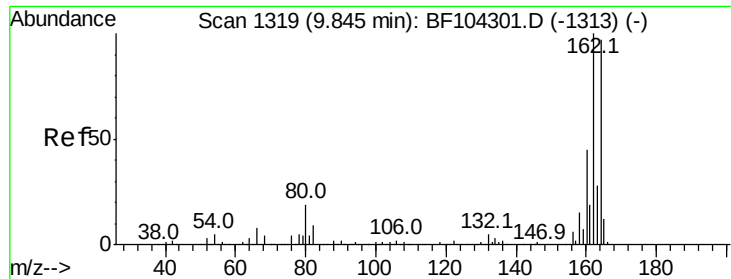
#25
 Isophorone
 Concen: 46.123 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

Tgt Ion: 82 Resp: 903582
 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

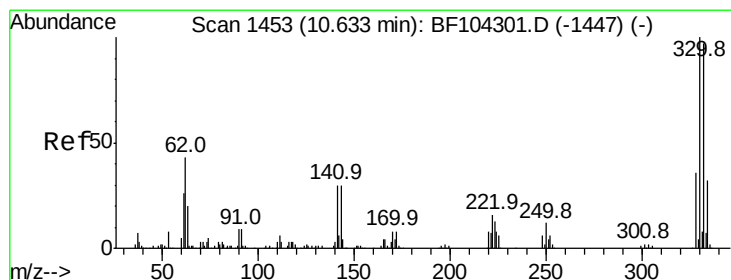
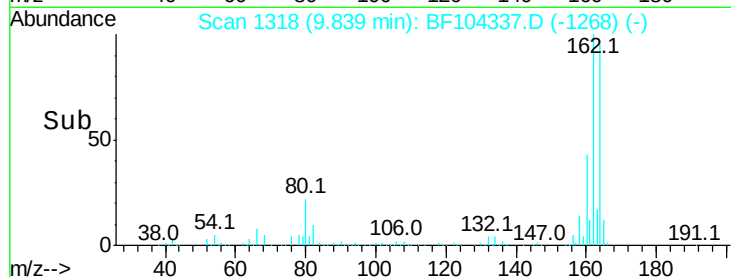
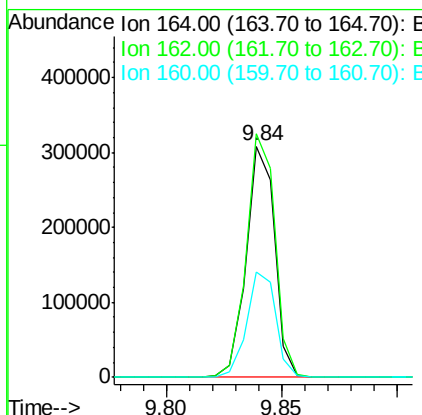
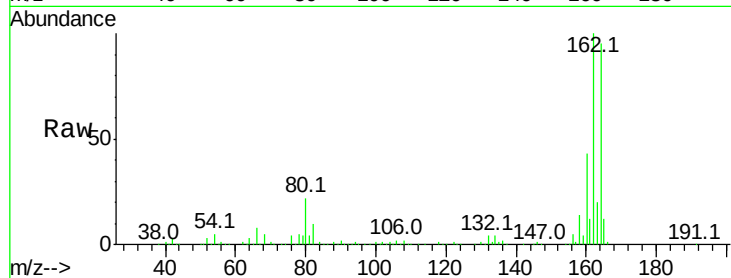




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

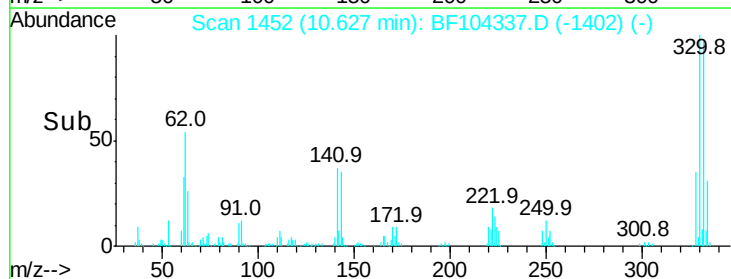
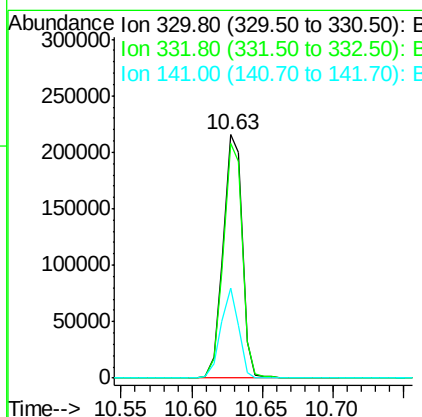
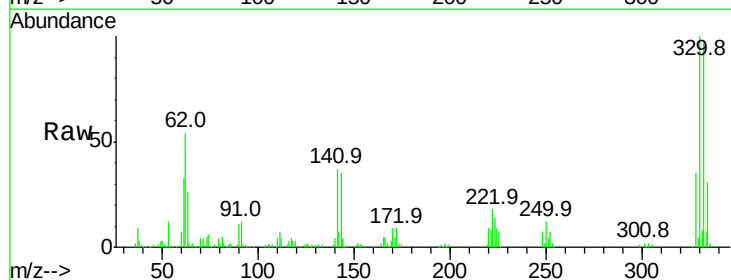
Instrument :
BNA_F
ClientSampleId :

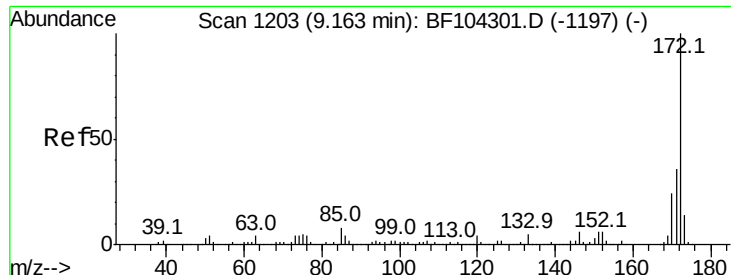
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.4	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 73.943 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.5	29.9	44.9

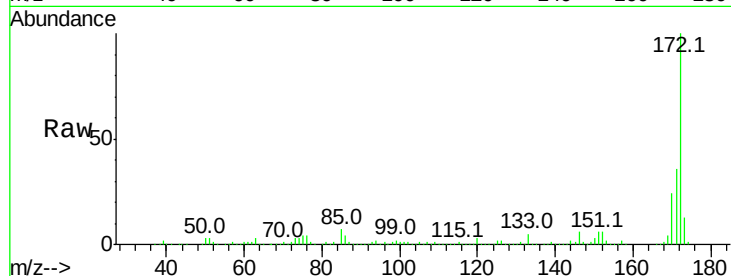




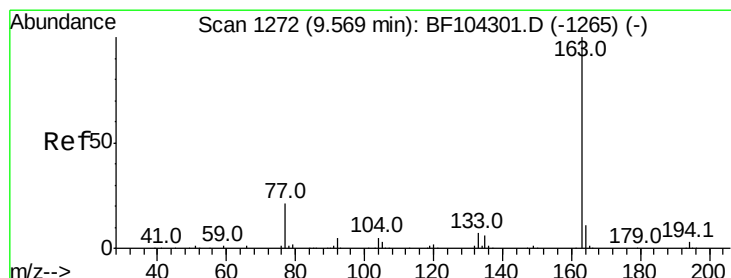
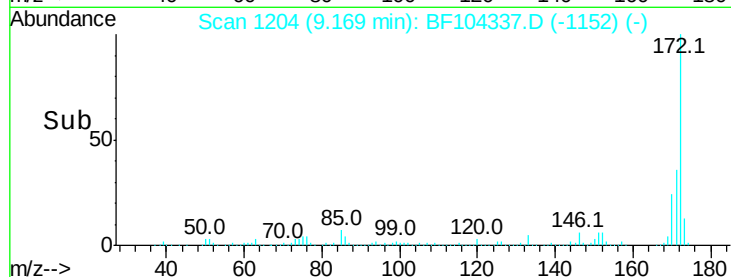
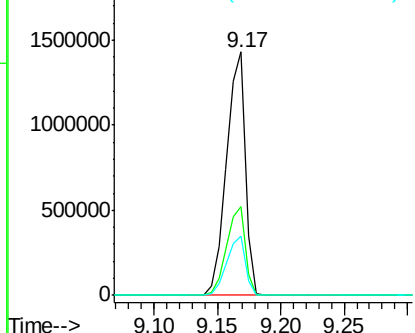
#44
2-Fluorobiphenyl
Concen: 86.926 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1461997
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

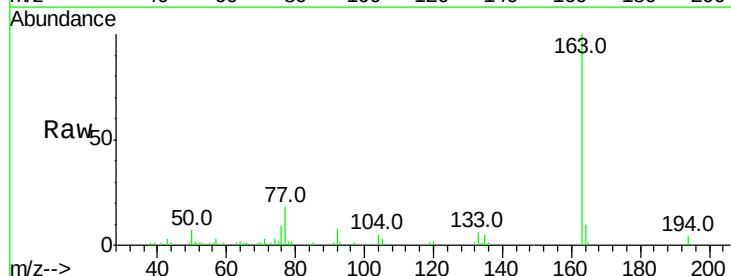


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

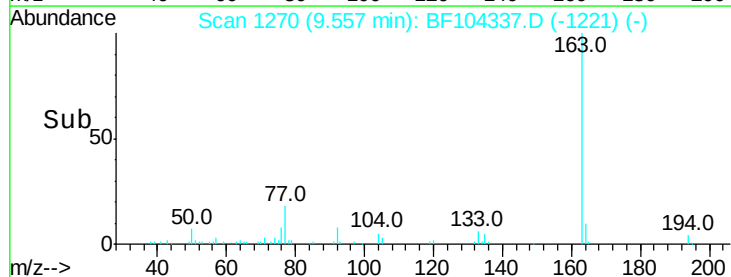
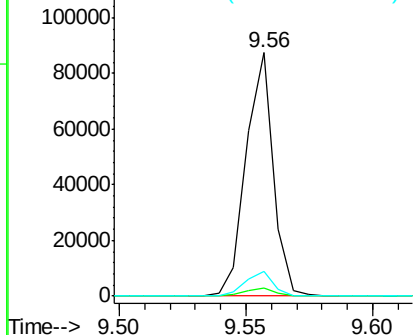


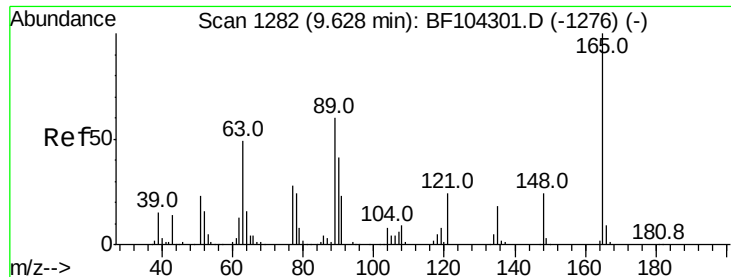
#49
Dimethylphthalate
Concen: 3.117 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104337.D
Acq: 7 Apr 2018 5:27

Tgt Ion:163 Resp: 65314
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 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

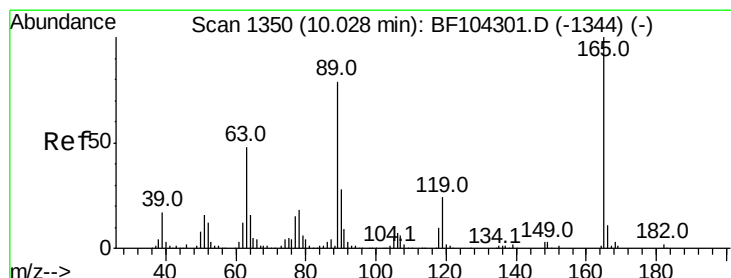
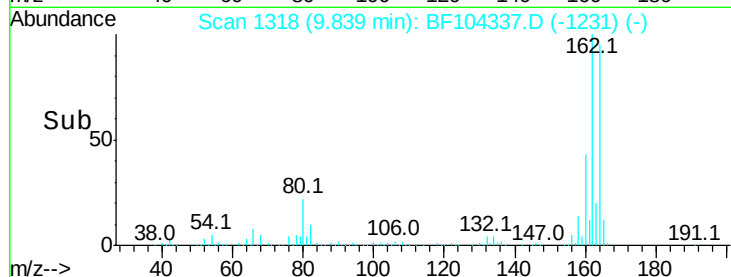
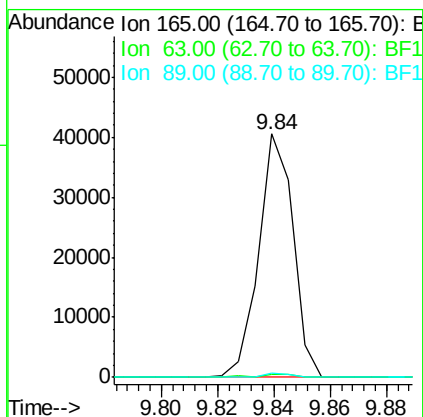
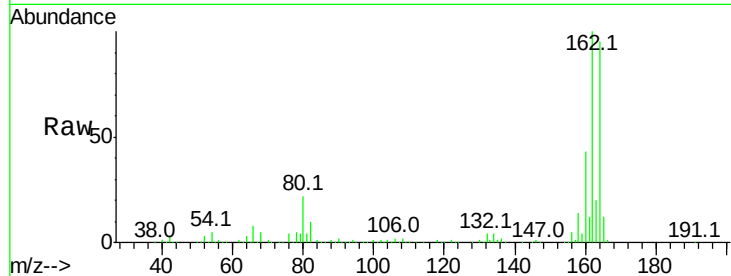




#50
 2,6-Dinitrotoluene
 Concen: 8.829 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

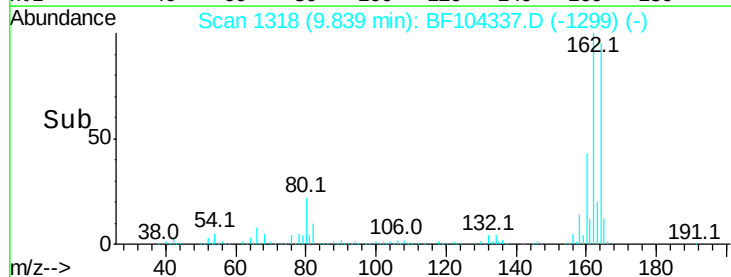
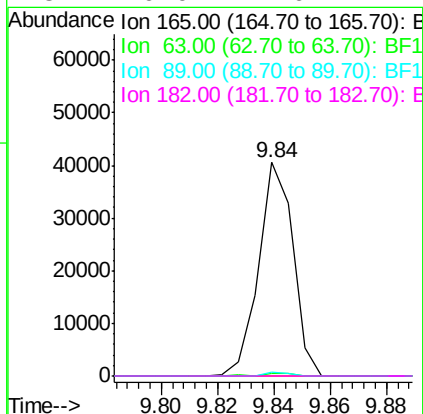
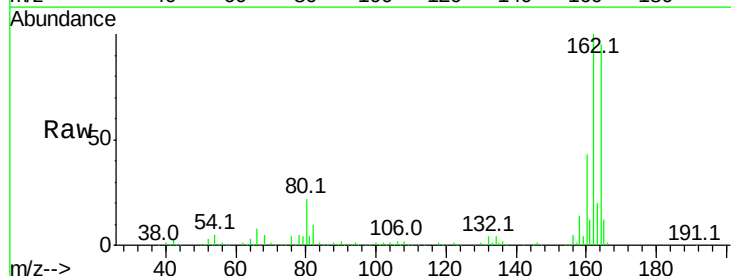
Instrument :
 BNA_F
 ClientSampleId :

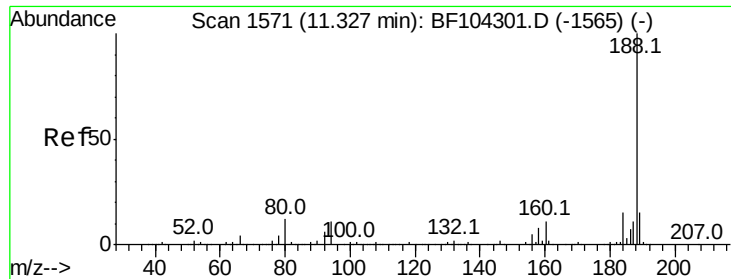
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.731 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

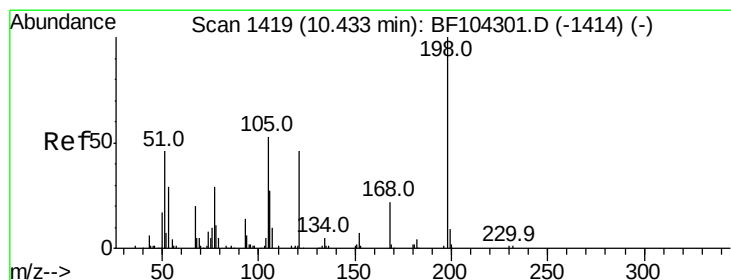
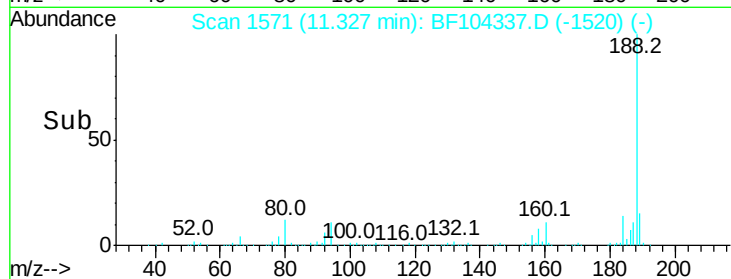
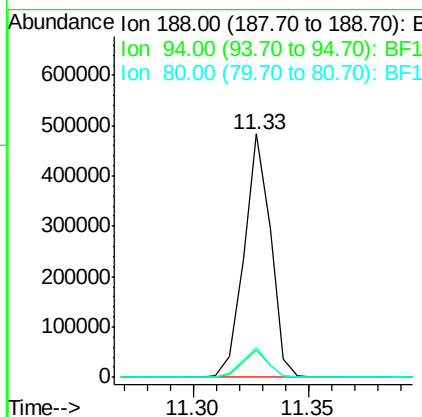
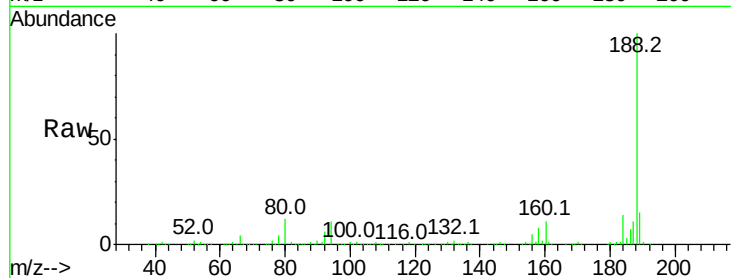




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

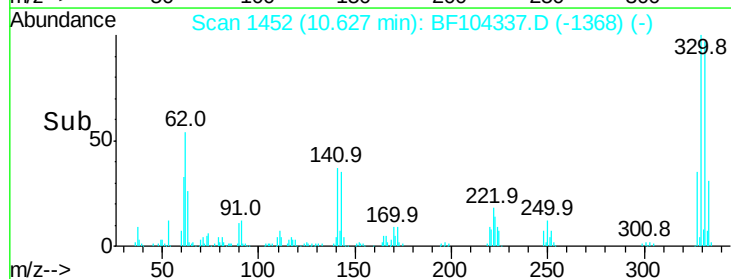
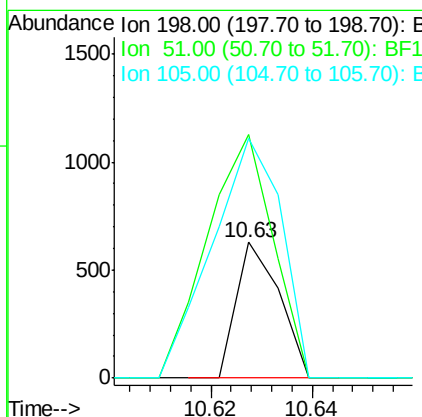
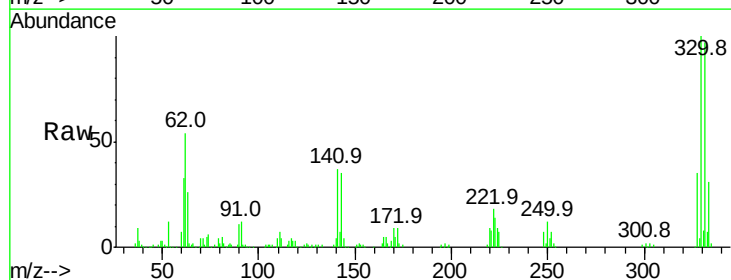
Instrument :
 BNA_F
 ClientSampleId :

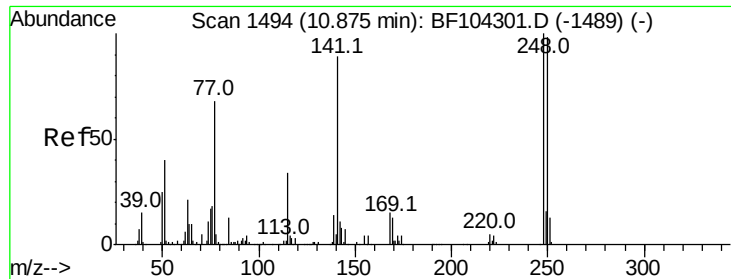
Tot Ion:188 Resp: 388707
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.512 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

Tgt Ion:198 Resp: 368
 Ion Ratio Lower Upper
 198 100
 51 179.5 37.7 77.7#
 105 176.4 36.3 76.3#

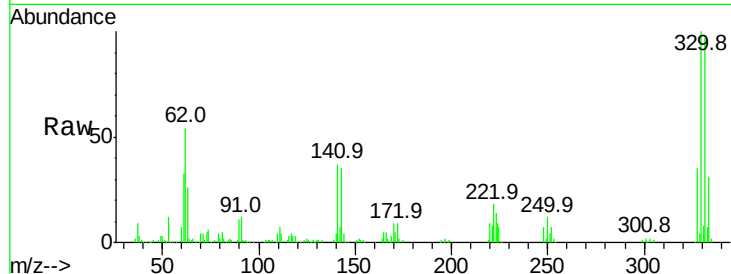




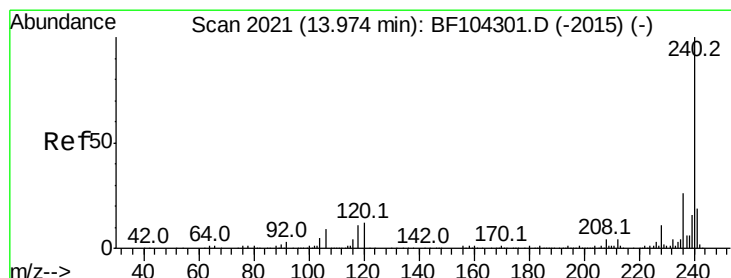
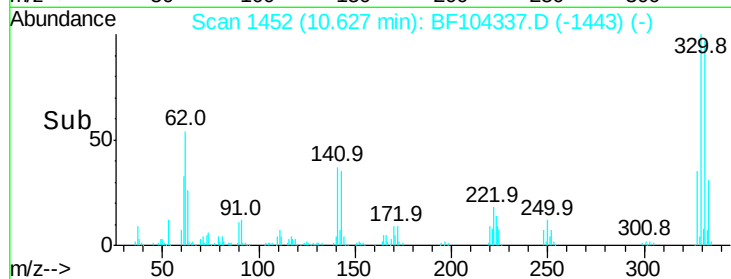
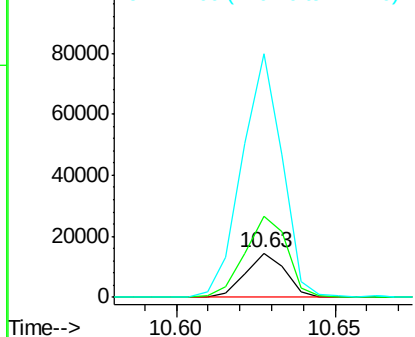
#66
 4-Bromophenyl-phenylether
 Concen: 3.034 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12544
 Ion Ratio Lower Upper
 248 100
 250 184.8 76.9 115.3#
 141 553.1 74.4 111.6#

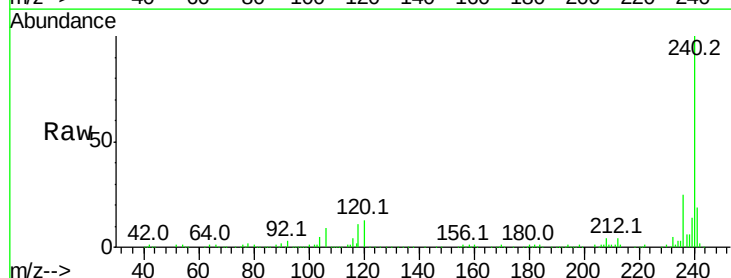


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

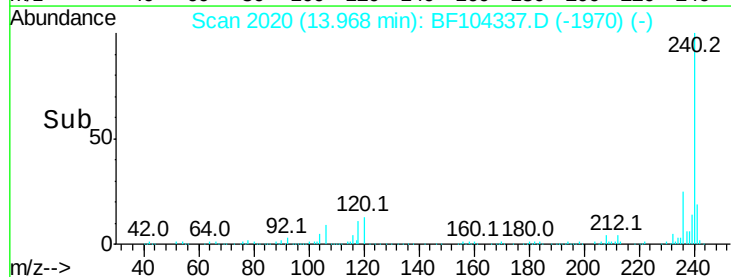
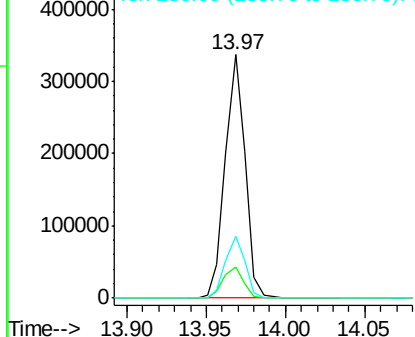


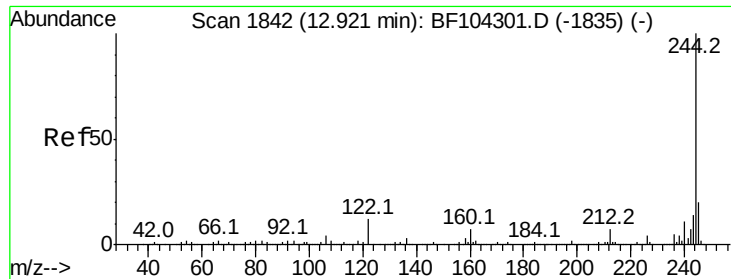
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104337.D
 Acq: 7 Apr 2018 5:27

Tgt Ion:240 Resp: 292320
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 25.4 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: 82.984 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

Instrument :

BNA_F

ClientSampleId :

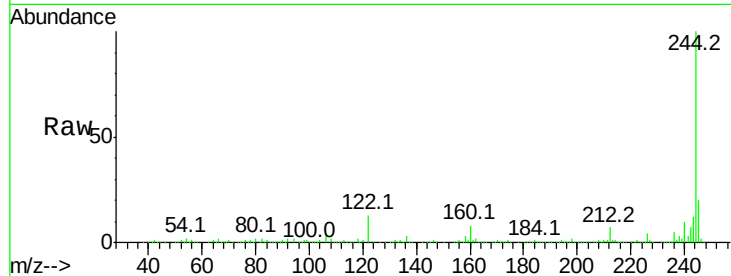
Tot Ion:244 Resp: 1064024

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

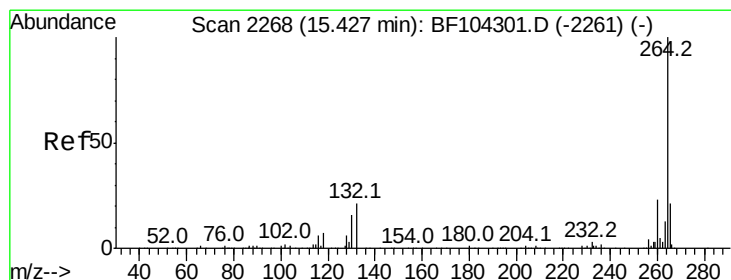
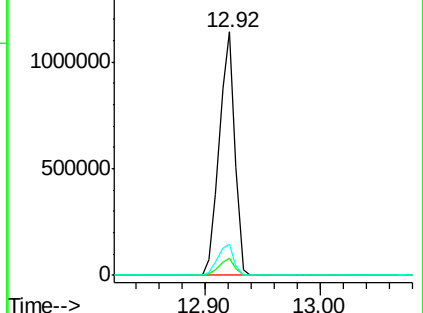
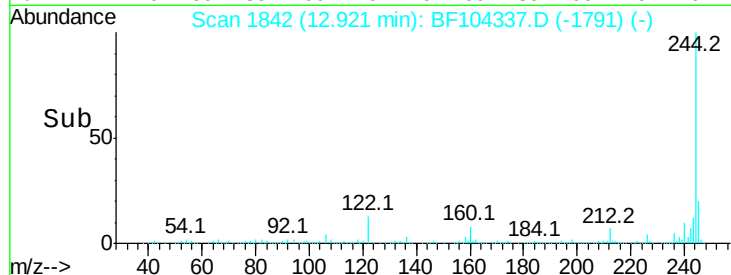
122 12.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF104337.D

Acq: 7 Apr 2018 5:27

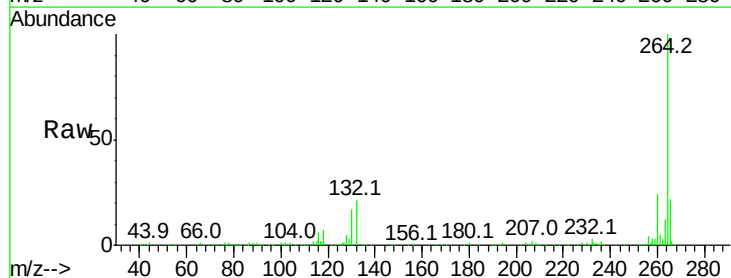
Tgt Ion:264 Resp: 263195

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 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

