

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112938.D
 Acq On : 8 Mar 2019 12:29
 Operator : JU/SJ
 Sample : K1809-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:05:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

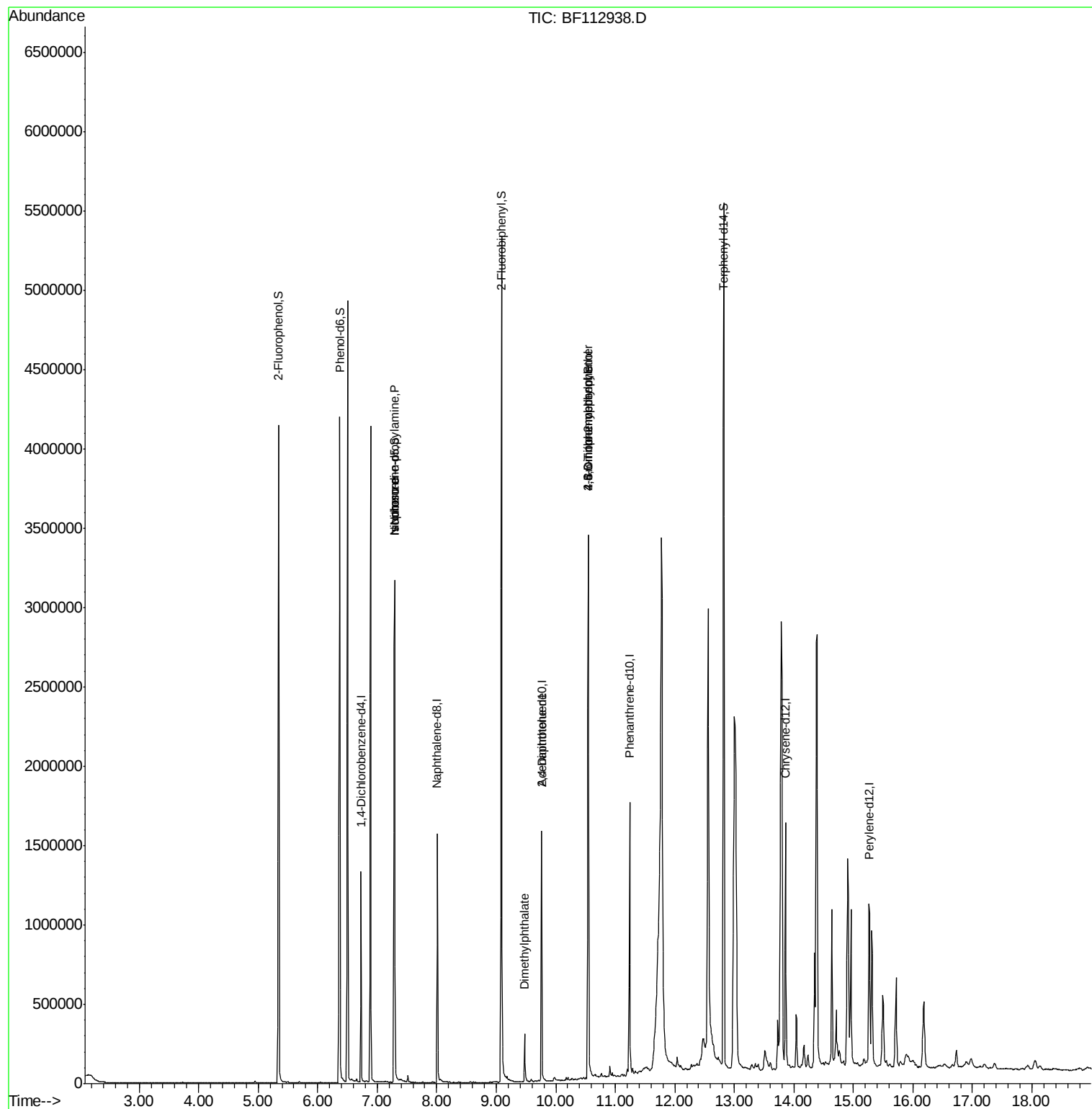
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194758	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	698387	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	349051	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	724336	20.00	ng	0.00
76) Chrysene-d12	13.86	240	615608	20.00	ng	-0.02
87) Perylene-d12	15.26	264	527279	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1343943	107.34	ng	0.00
7) Phenol-d6	6.37	99	1794425	114.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	1137925	97.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	494068	133.33	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1949959	95.74	ng	-0.01
79) Terphenyl-d14	12.82	244	2078511	65.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	148999	14.959	ng	# 75
25) Isophorone	7.29	82	1123029	44.664	ng	# 66
50) Dimethylphthalate	9.48	163	130983	5.089	ng	99
57) 2,4-Dinitrotoluene	9.76	165	44963	6.749	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	747	4.840	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	27761	3.639	ng	# 1

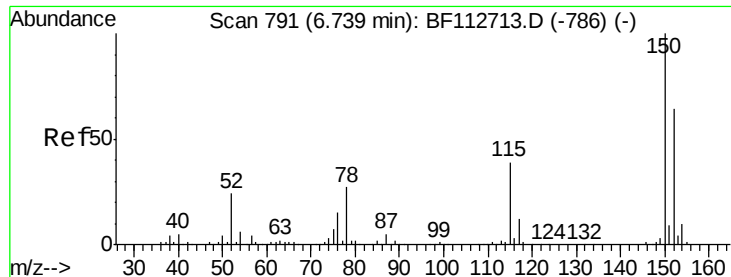
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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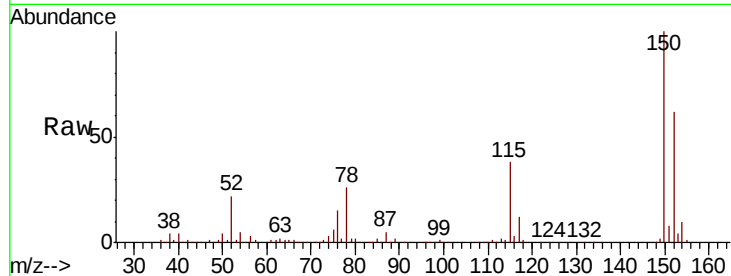


#1

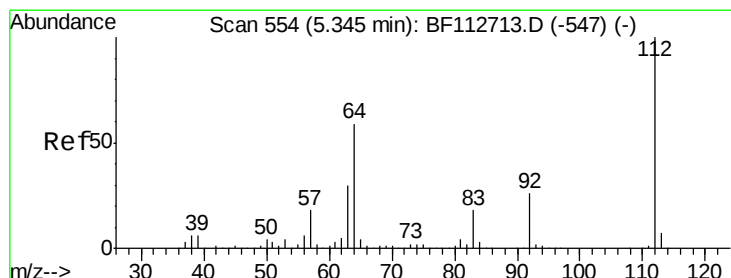
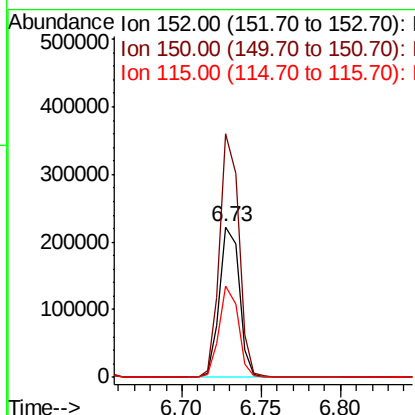
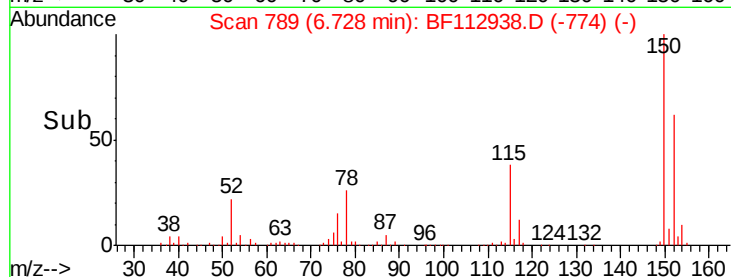
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 194758
Ion Ratio Lower Upper
152 100
150 161.5 124.2 186.2
115 60.7 48.2 72.4



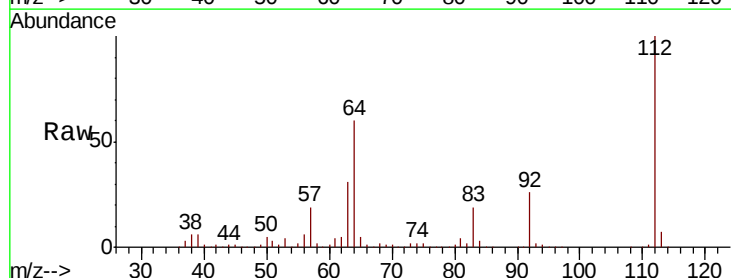
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



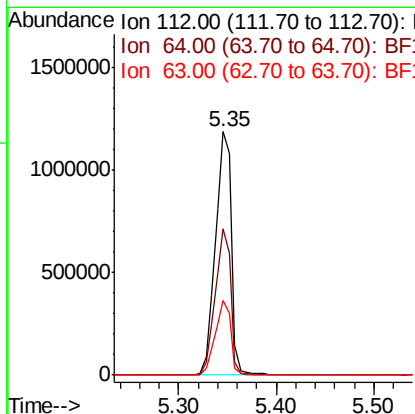
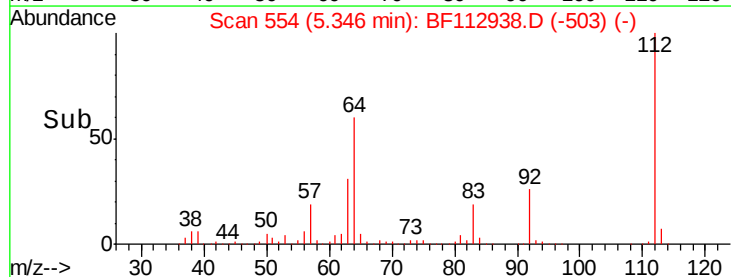
#5

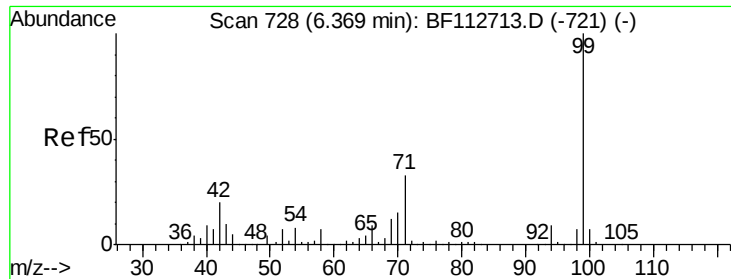
2-Fluorophenol
Concen: 107.342 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Tgt Ion:112 Resp: 1343943
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.8 24.4 36.6



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: 114.095 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112938.D

Acq: 8 Mar 2019 12:29

Instrument :

BNA_F

ClientSampleId :

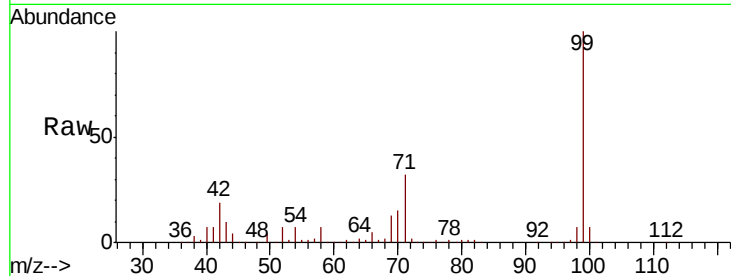
Tot Ion: 99 Resp: 1794425

Ion Ratio Lower Upper

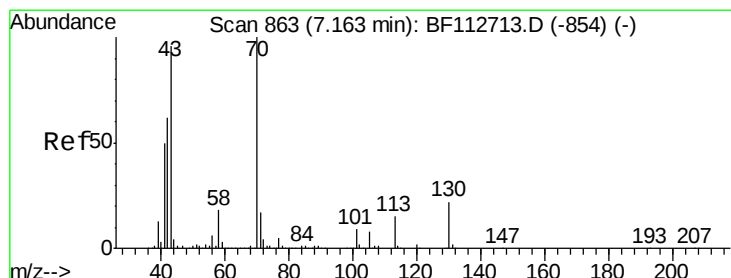
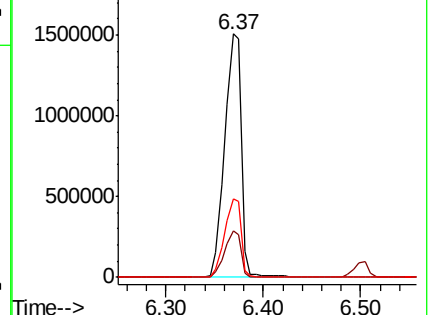
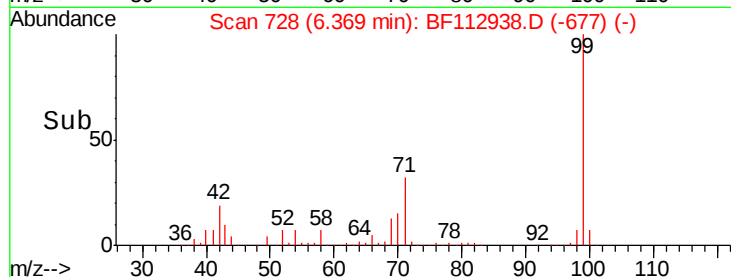
99 100

42 19.0 16.3 24.5

71 32.5 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.959 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112938.D

Acq: 8 Mar 2019 12:29

Tgt Ion: 70 Resp: 148999

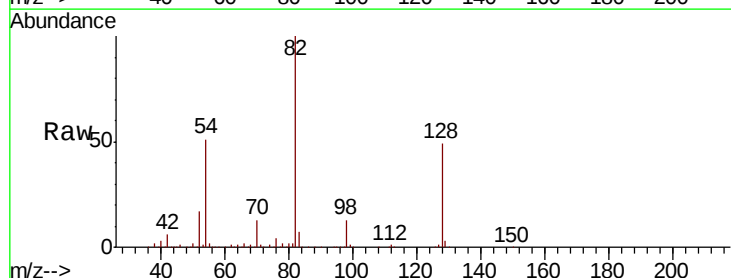
Ion Ratio Lower Upper

70 100

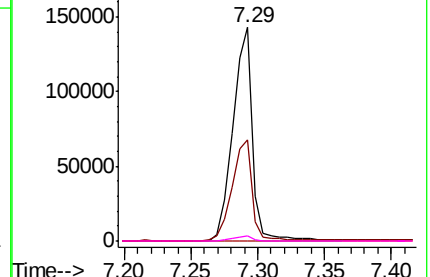
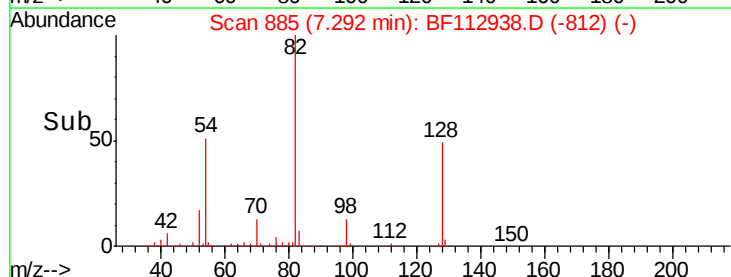
42 47.6 49.9 74.9#

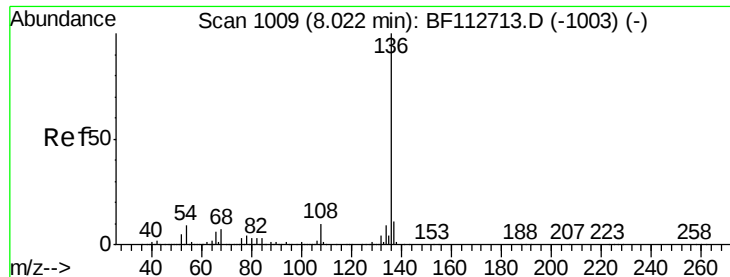
101 0.0 7.4 11.2#

130 2.3 17.4 26.2#



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

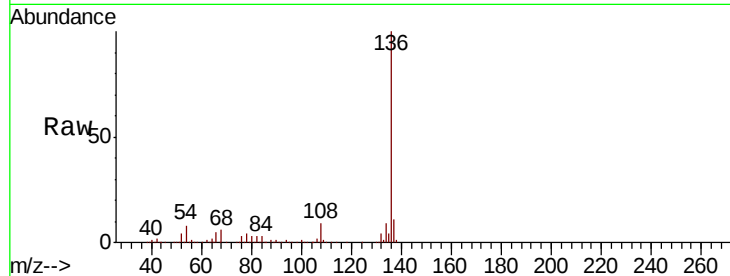




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 698387
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 8.3	7.3 10.9
68 6.3	5.4 8.2



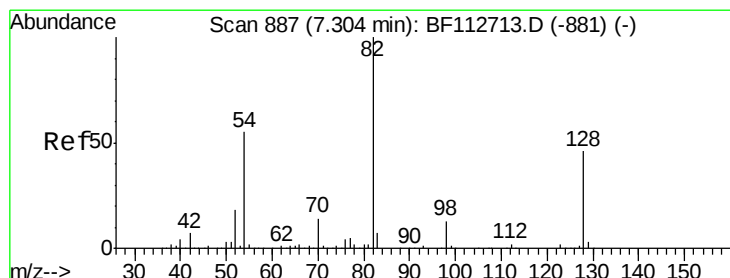
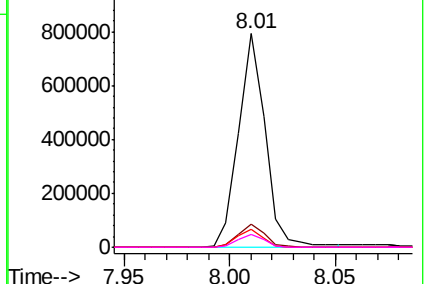
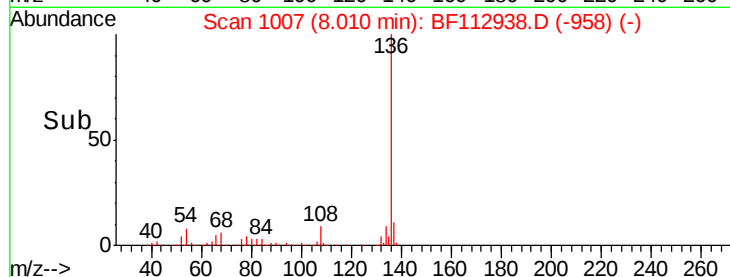
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

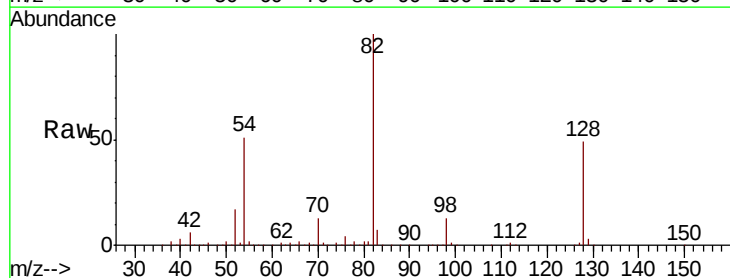
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 97.498 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Tgt Ion: 82	Resp: 1137925
Ion Ratio	Lower Upper
82 100	
128 48.8	36.3 54.5
54 51.5	43.7 65.5

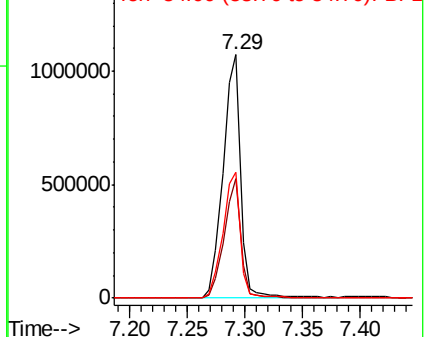
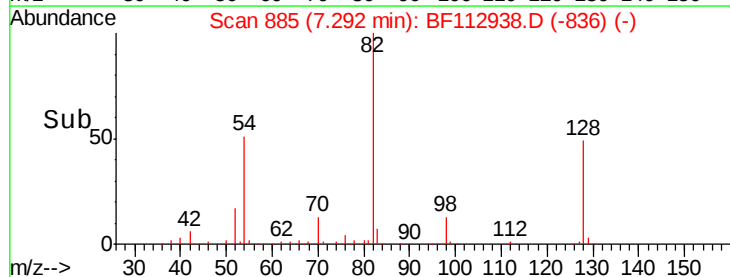


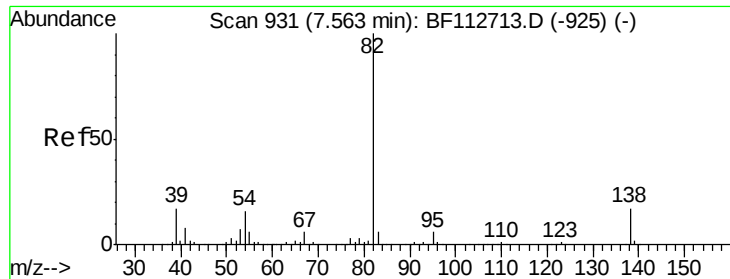
Abundance

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: 44.664 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112938.D

Acq: 8 Mar 2019 12:29

Instrument :

BNA_F

ClientSampled :

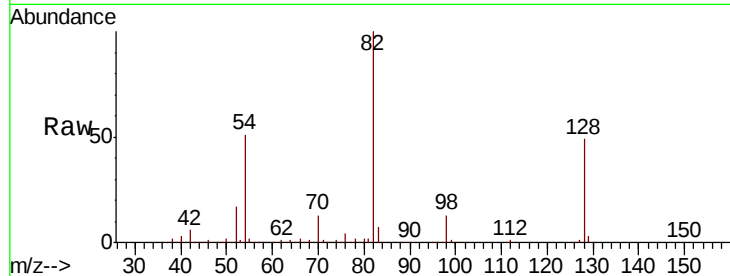
Tot Ion: 82 Resp: 1123029

Ion Ratio Lower Upper

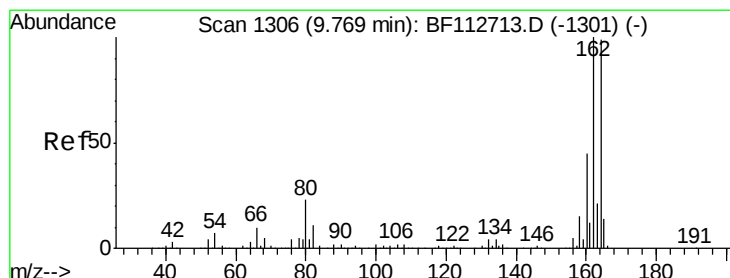
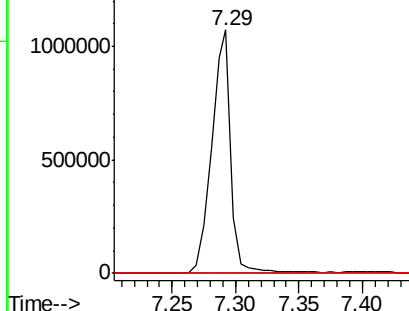
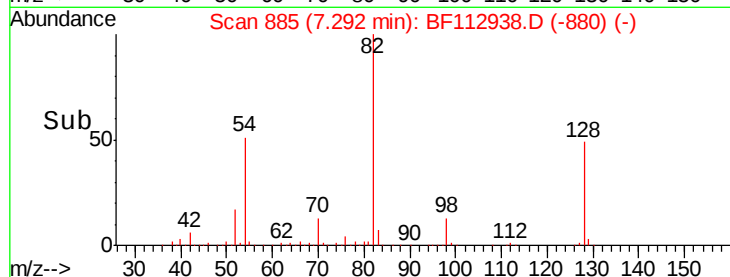
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112938.D

Acq: 8 Mar 2019 12:29

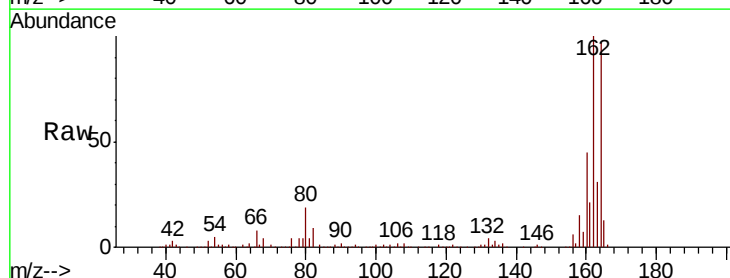
Tgt Ion:164 Resp: 349051

Ion Ratio Lower Upper

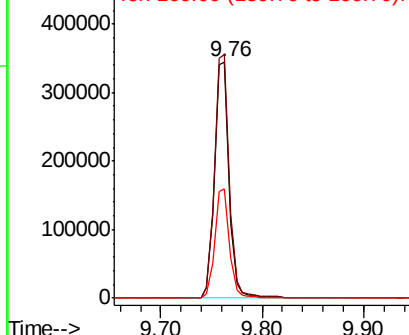
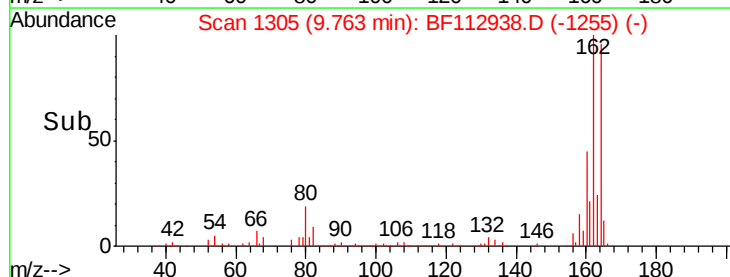
164 100

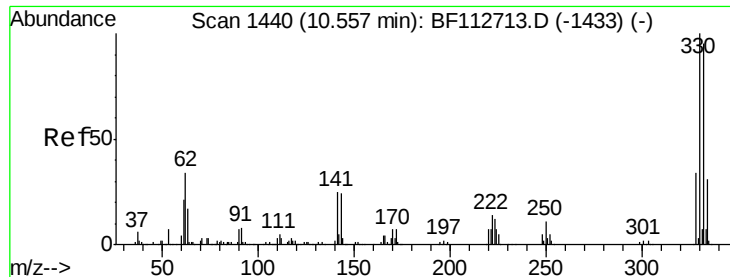
162 103.1 80.6 120.8

160 46.1 36.0 54.0



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

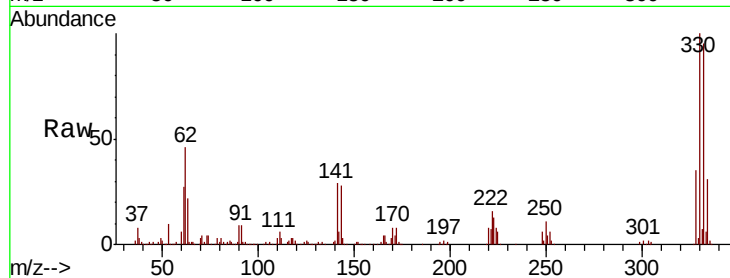




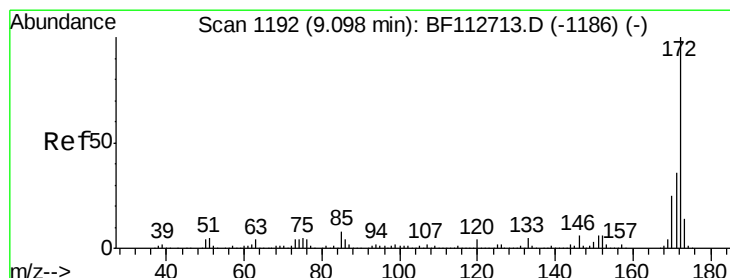
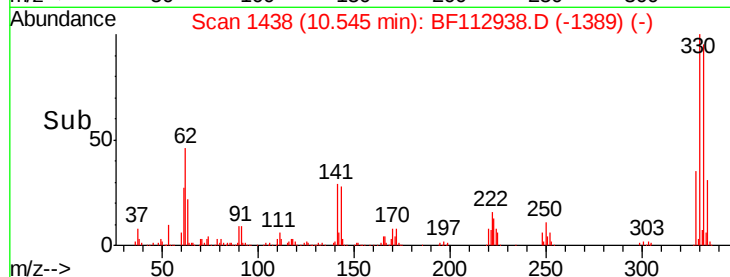
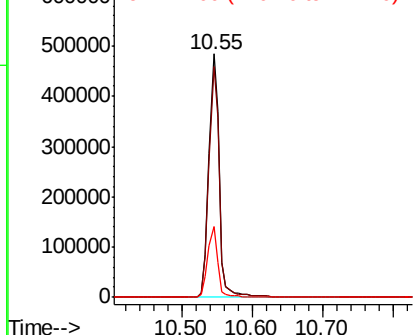
#42
 2,4,6-Tribromophenol
 Concen: 133.330 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112938.D
 Acq: 8 Mar 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 494068
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 28.8 27.0 40.6

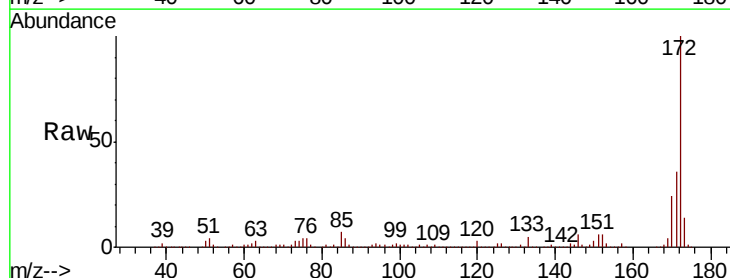


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

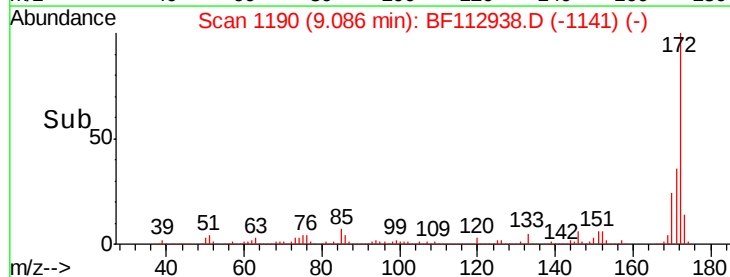
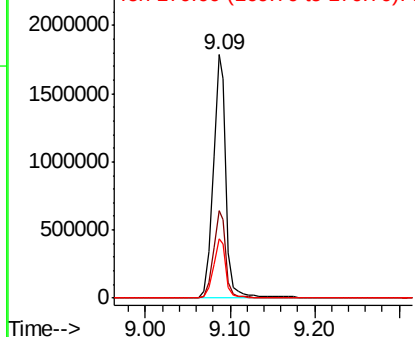


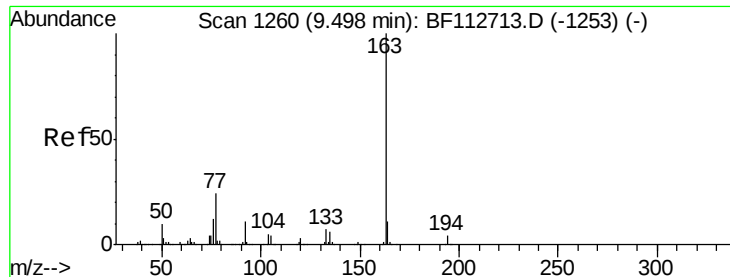
#45
 2-Fluorobiphenyl
 Concen: 95.737 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112938.D
 Acq: 8 Mar 2019 12:29

Tgt Ion:172 Resp: 1949959
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.4 20.0 30.0



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

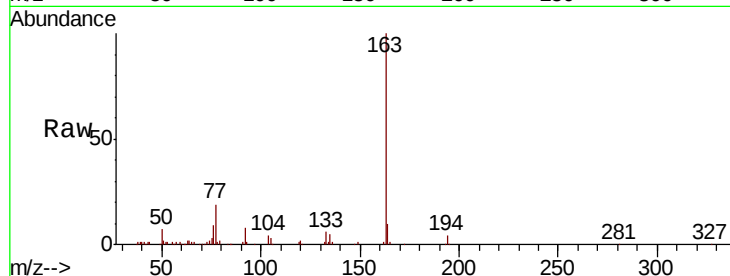




#50
Dimethylphthalate
Concen: 5.089 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.9	8.4	12.6

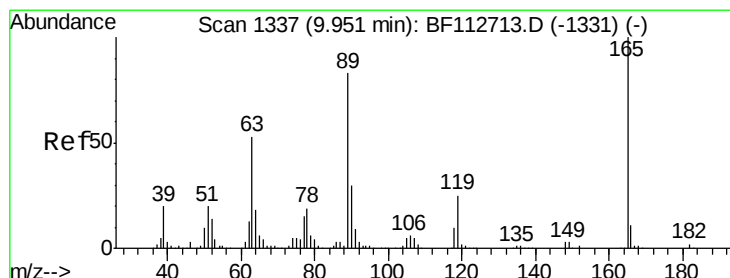
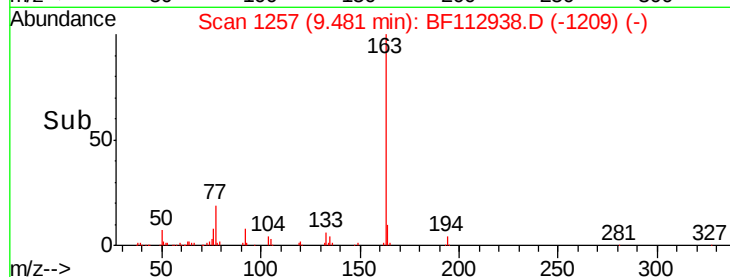
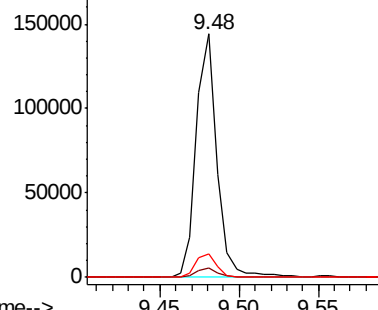


Abundance

Ion 163.00 (162.70 to 163.70): E

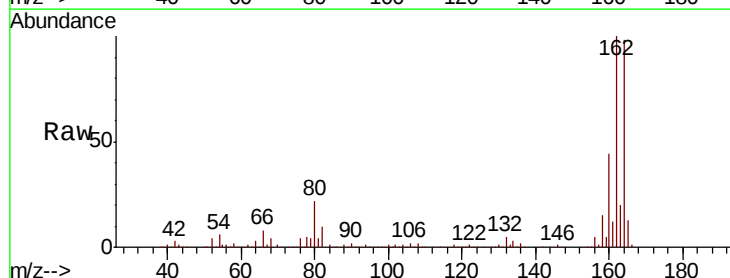
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



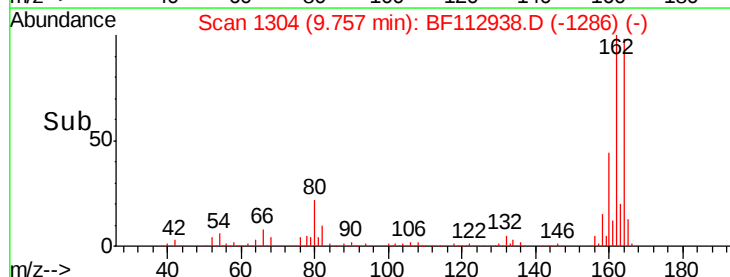
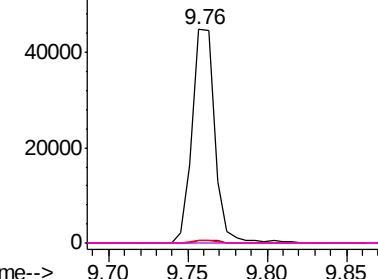
Abundance

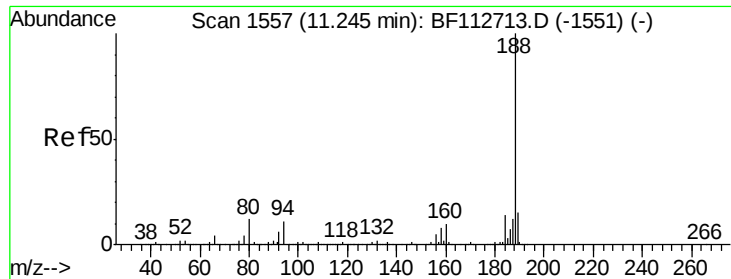
Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112938.D

Acq: 8 Mar 2019 12:29

Instrument :

BNA_F

ClientSampleId :

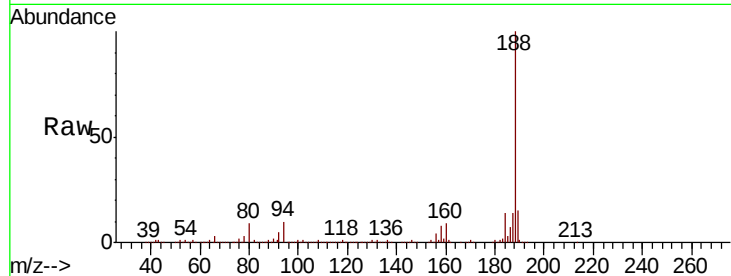
Tot Ion:188 Resp: 724336

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

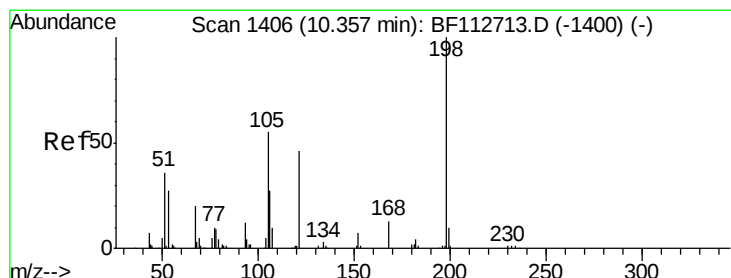
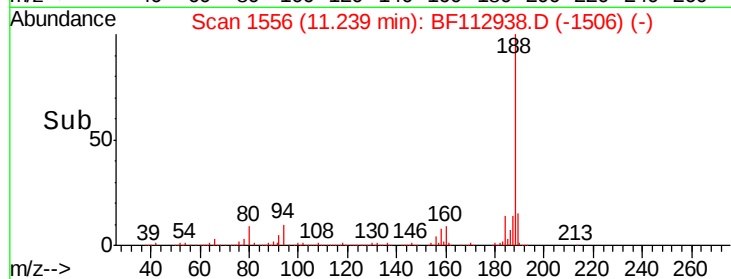
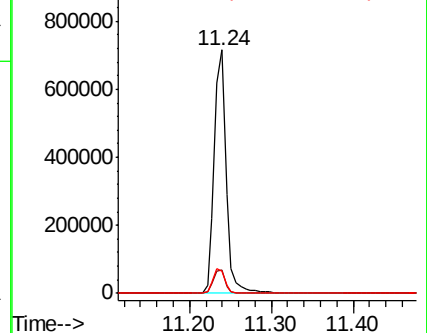
80 9.2 9.2 13.8#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.840 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF112938.D

Acq: 8 Mar 2019 12:29

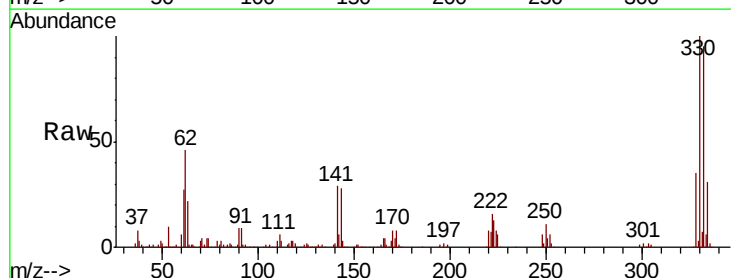
Tgt Ion:198 Resp: 747

Ion Ratio Lower Upper

198 100

51 184.3 43.8 83.8#

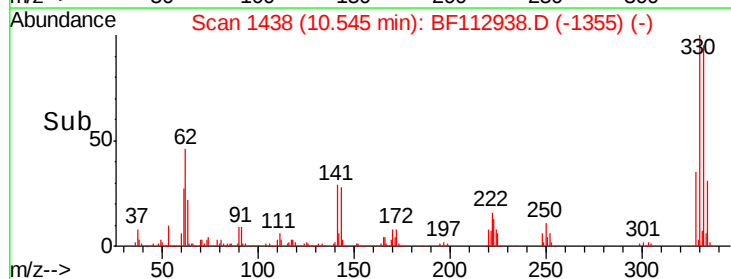
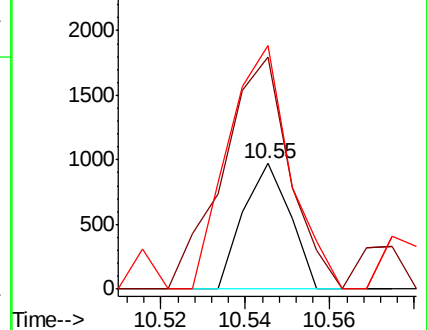
105 193.6 36.5 76.5#

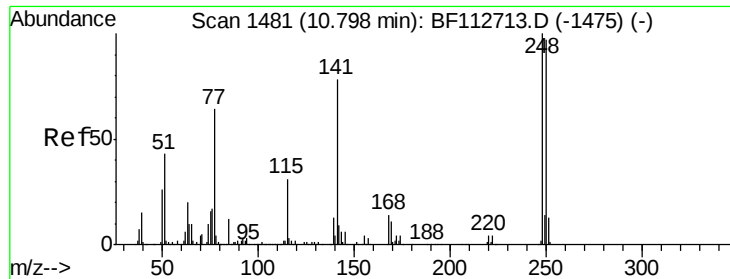


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

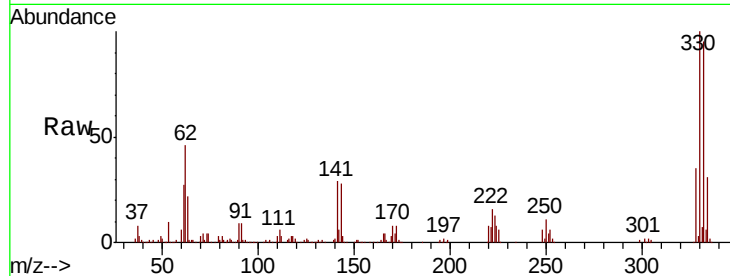




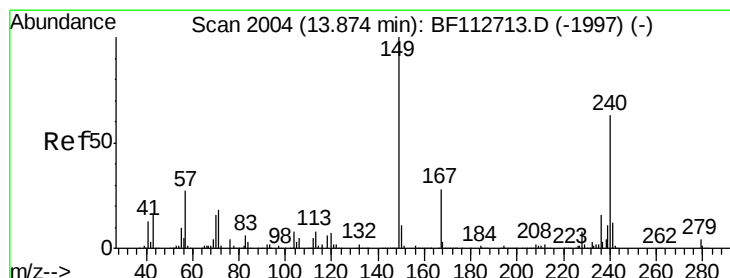
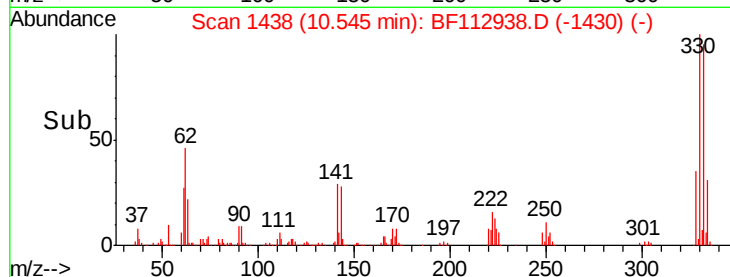
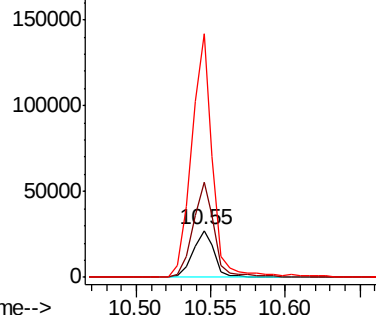
#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 27761
Ion Ratio Lower Upper
248 100
250 200.9 77.5 116.3#
141 517.1 62.4 93.6#

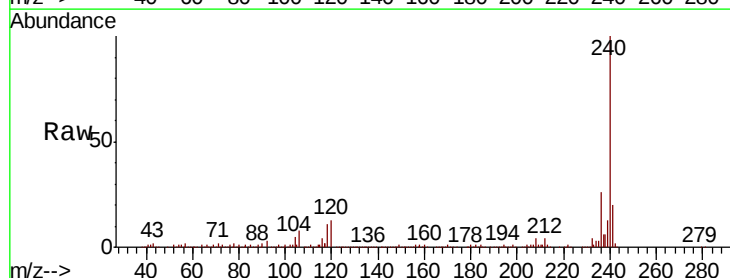


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

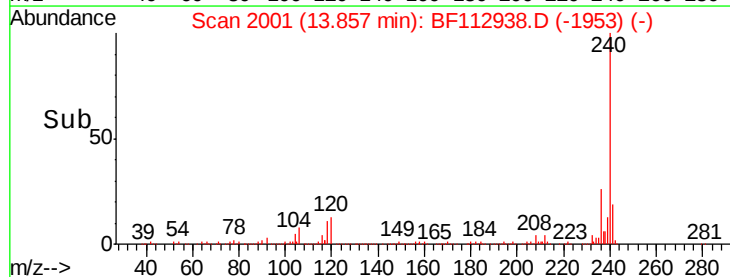
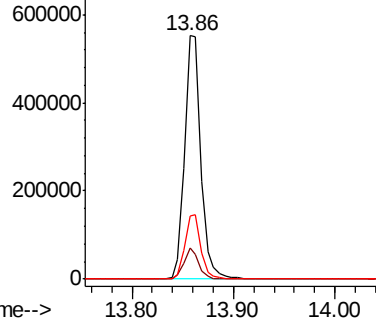


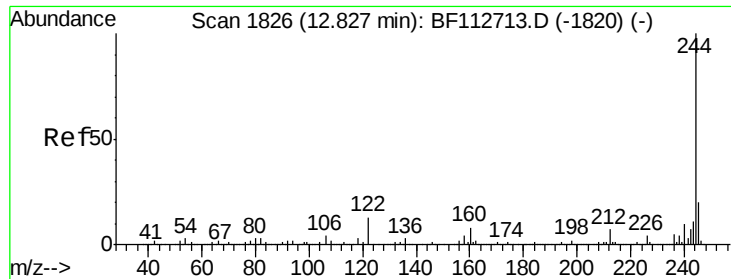
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112938.D
Acq: 8 Mar 2019 12:29

Tgt Ion:240 Resp: 615608
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.9 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

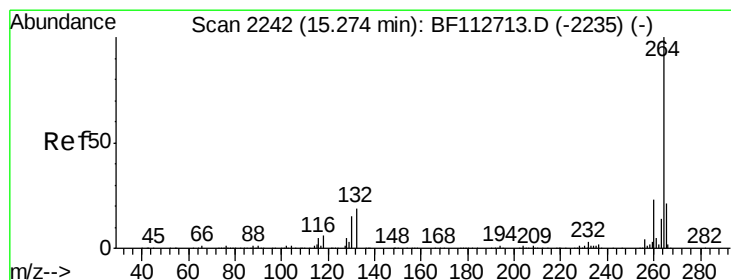
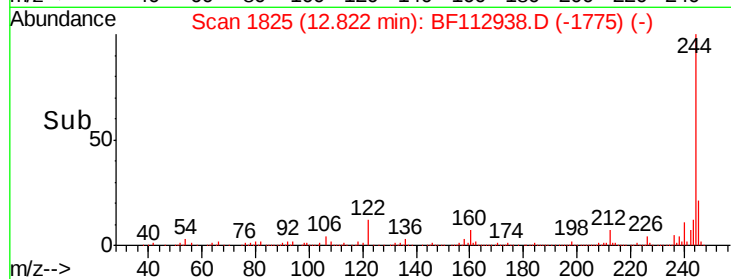
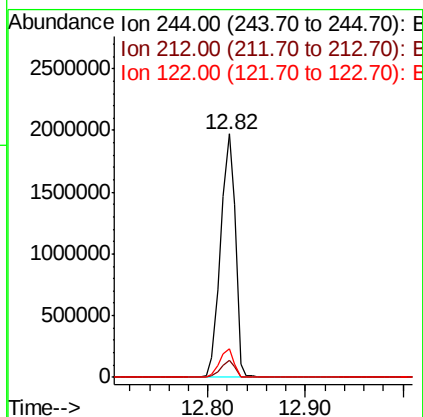
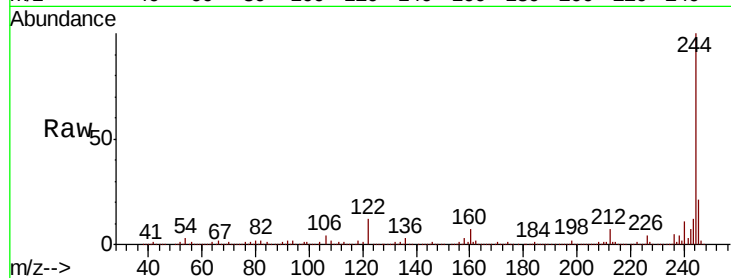




#79
 Terphenyl-d14
 Concen: 65.451 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112938.D
 Acq: 8 Mar 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2078511
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112938.D
 Acq: 8 Mar 2019 12:29

Tgt Ion:264 Resp: 527279
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.0 17.2 25.8

