

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112929.D
 Acq On : 7 Mar 2019 18:50
 Operator : JU/SJ
 Sample : K1757-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:20:55 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

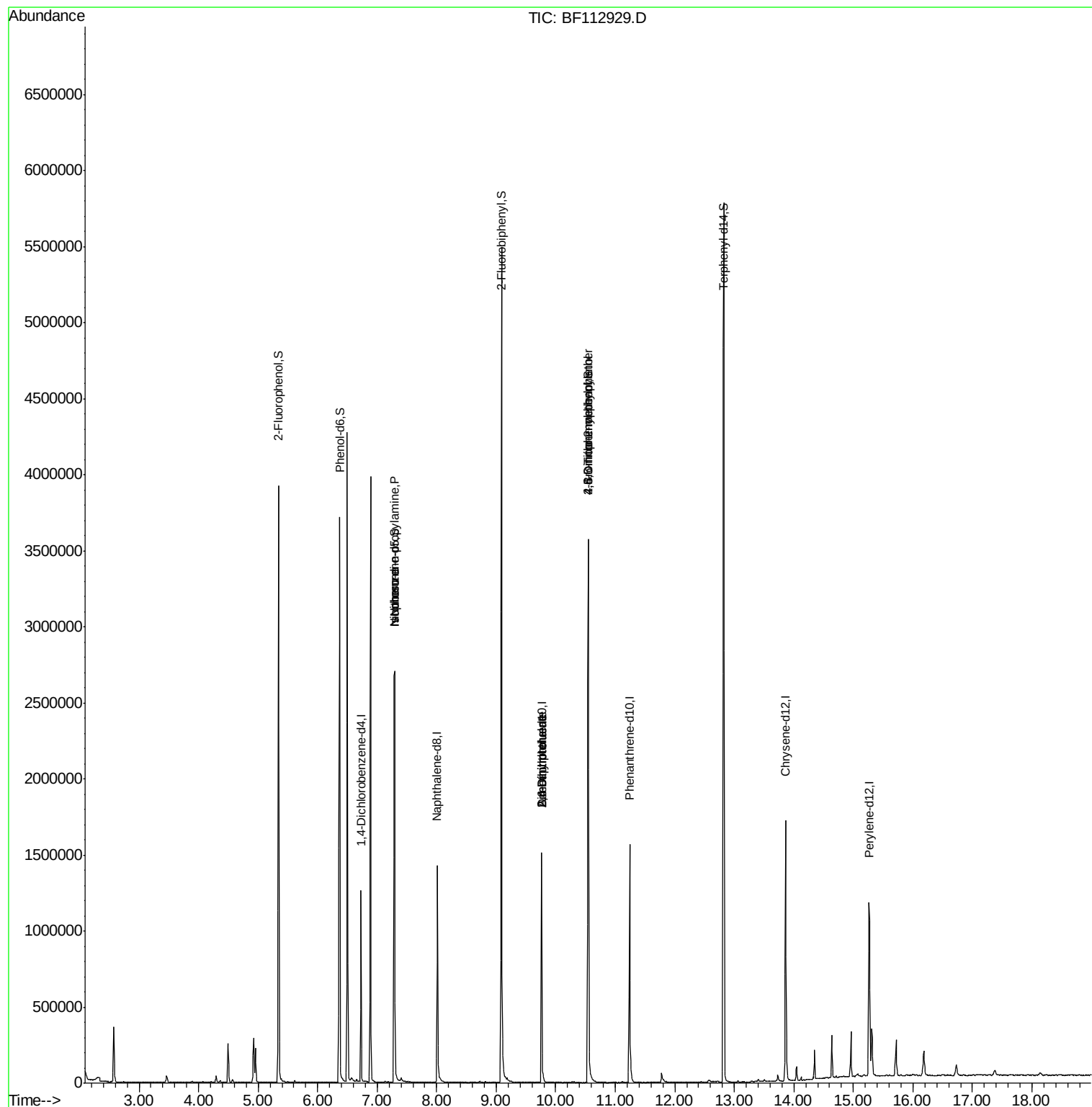
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	184618	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	710933	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	346326	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	743541	20.00	ng	0.00
76) Chrysene-d12	13.86	240	711548	20.00	ng	-0.01
87) Perylene-d12	15.26	264	633542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1139437	96.01	ng	0.00
7) Phenol-d6	6.37	99	1310384	87.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	1017899	85.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	551357	149.96	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1882572	92.09	ng	-0.01
79) Terphenyl-d14	12.82	244	2279773	62.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	132628	14.046	ng	# 76
25) Isophorone	7.29	82	1012552	39.559	ng	# 66
50) Dimethylphthalate	9.76	163	90030	3.526	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	44415	8.352	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	44416	6.719	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	883	4.874	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	30735	3.924	ng	# 1

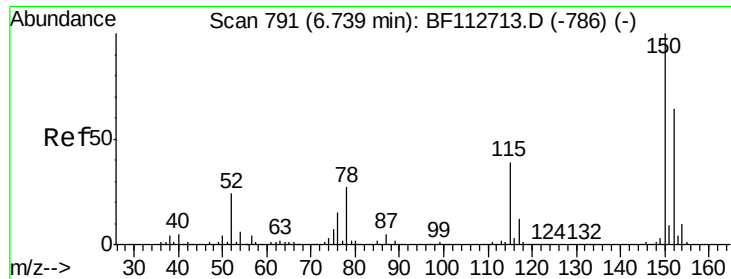
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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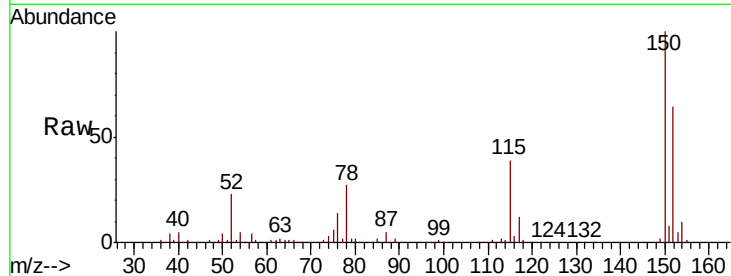


#1

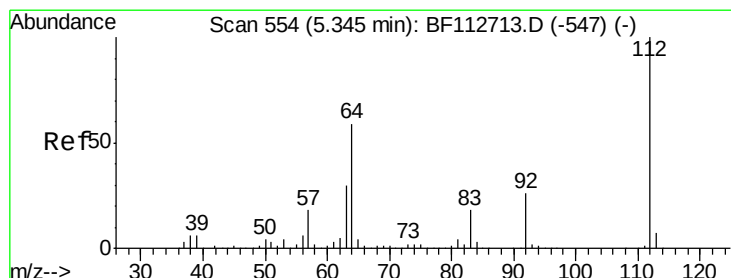
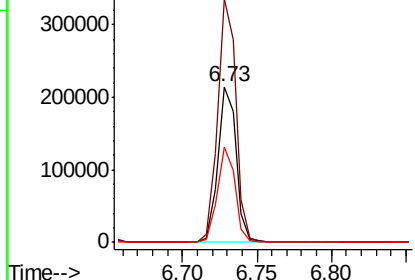
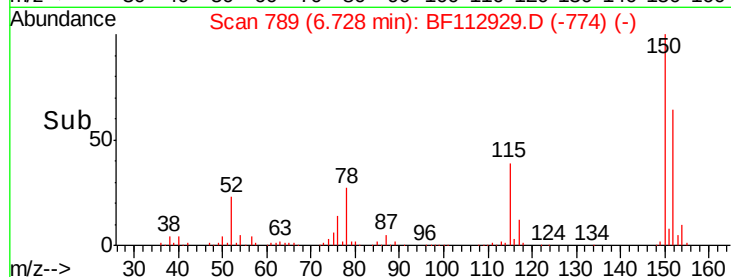
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 184618
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 60.9 48.2 72.4



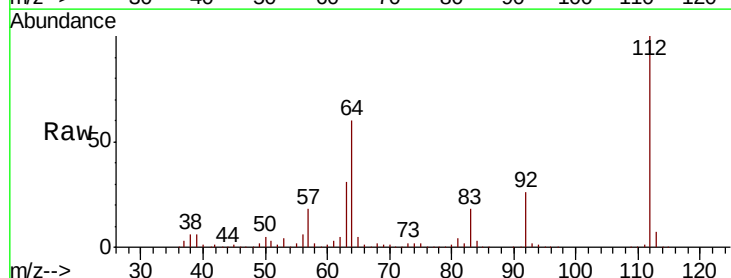
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



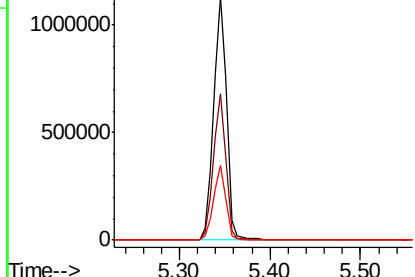
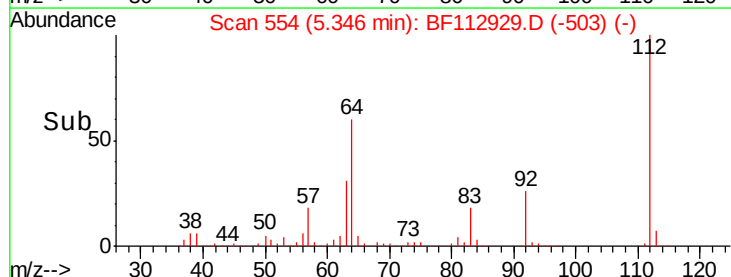
#5

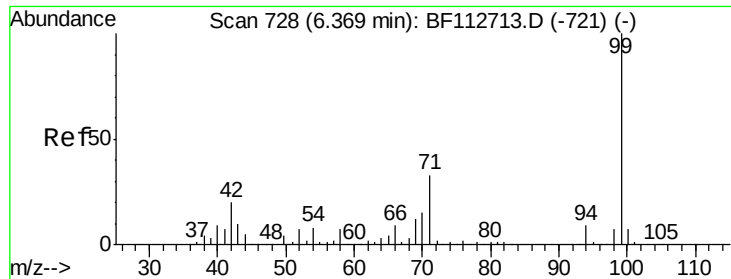
2-Fluorophenol
Concen: 96.006 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Tgt Ion:112 Resp: 1139437
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 30.7 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: 87.894 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Instrument :

BNA_F

ClientSampleId :

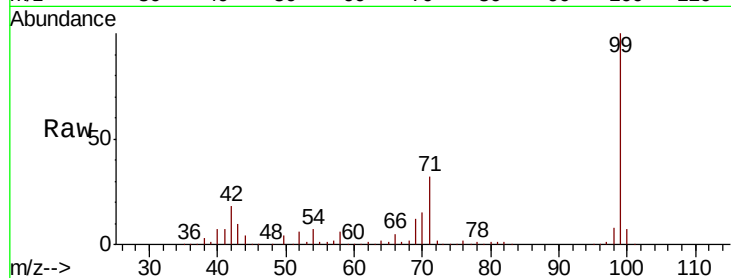
Tgt Ion: 99 Resp: 1310384

Ion Ratio Lower Upper

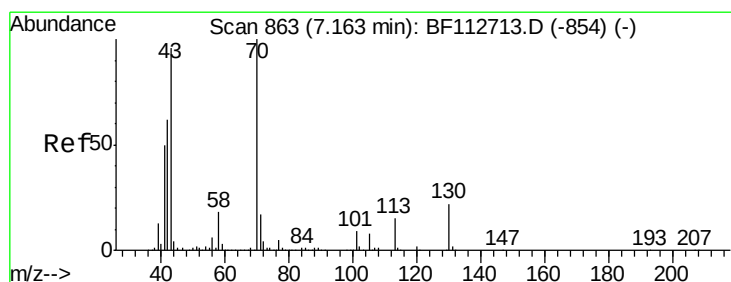
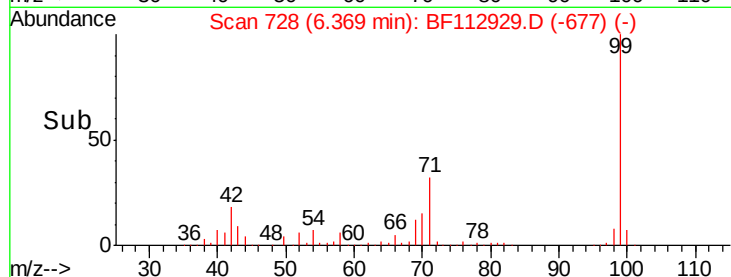
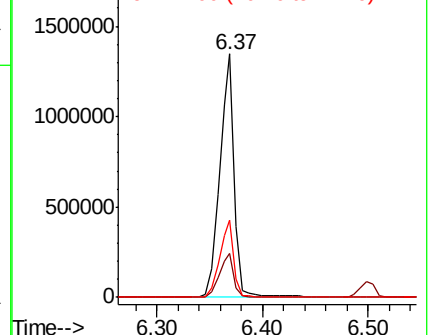
99 100

42 18.0 16.3 24.5

71 31.9 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: 14.046 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Tgt Ion: 70 Resp: 132628

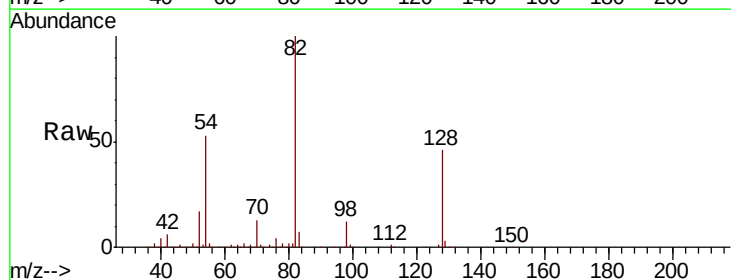
Ion Ratio Lower Upper

70 100

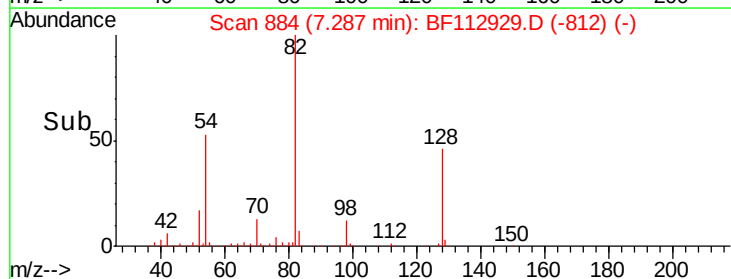
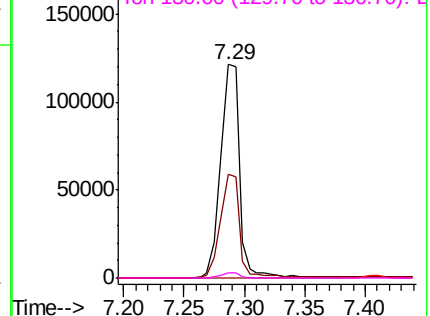
42 48.4 49.9 74.9#

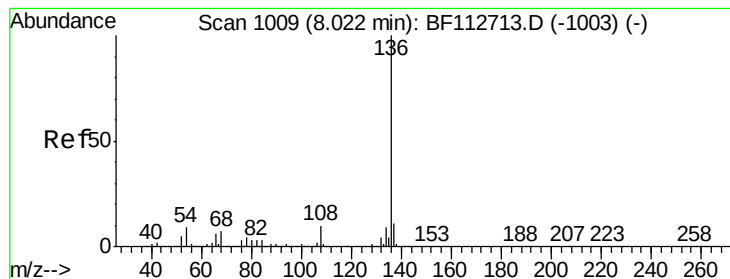
101 0.0 7.4 11.2#

130 2.4 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): B
Ion 130.00 (129.70 to 130.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 710933

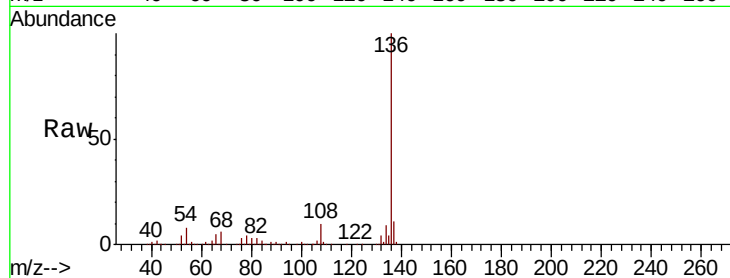
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 7.3 10.9

68 6.4 5.4 8.2

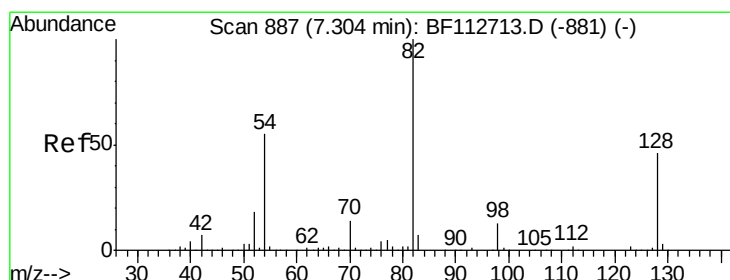
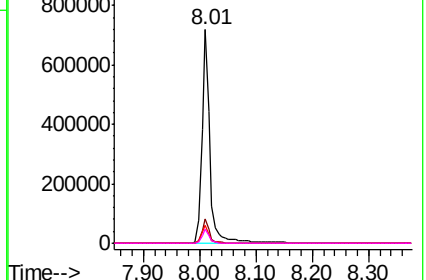
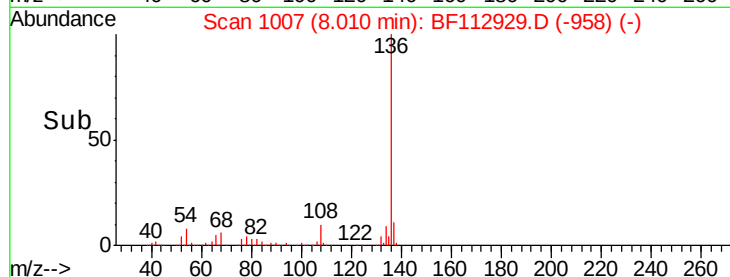


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.675 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

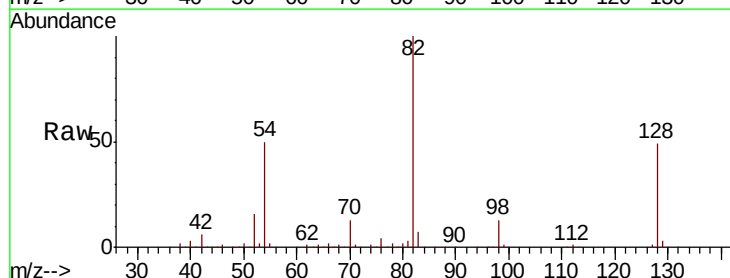
Tgt Ion: 82 Resp: 1017899

Ion Ratio Lower Upper

82 100

128 48.8 36.3 54.5

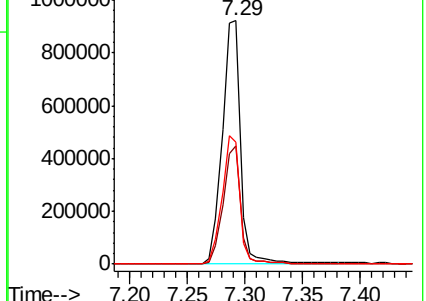
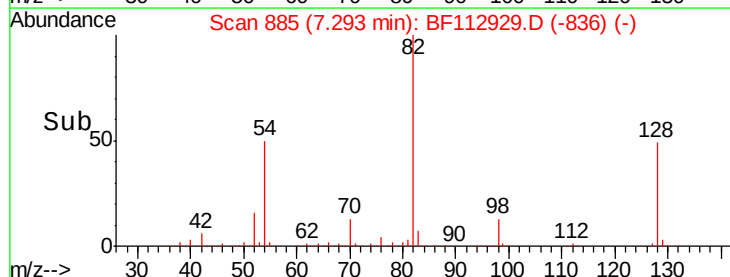
54 50.0 43.7 65.5

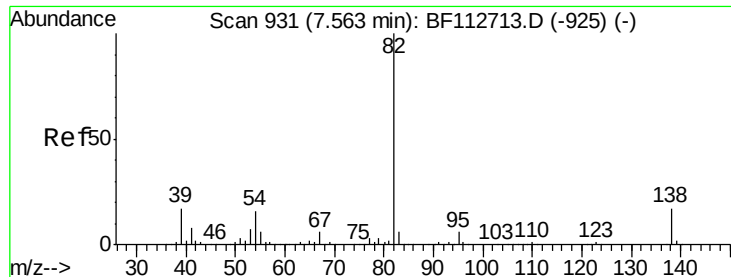


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.559 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Instrument :

BNA_F

ClientSampleId :

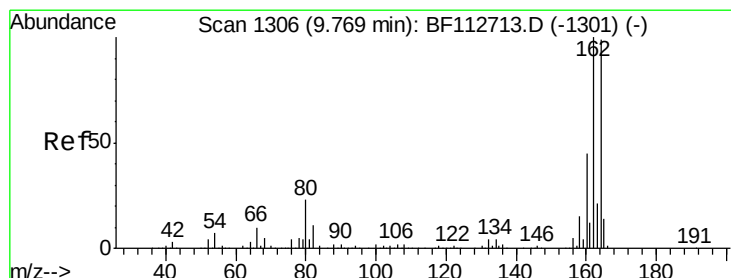
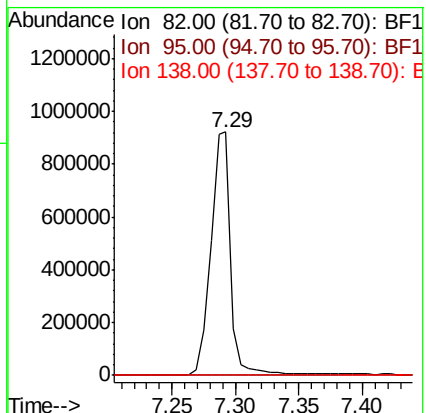
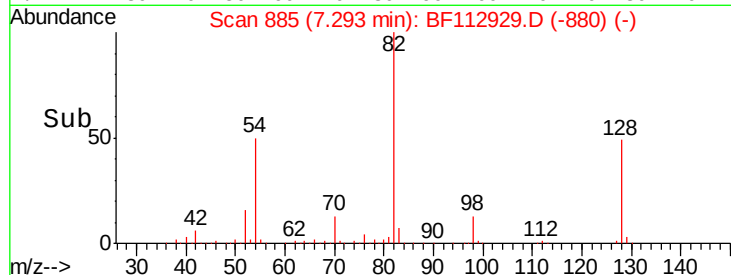
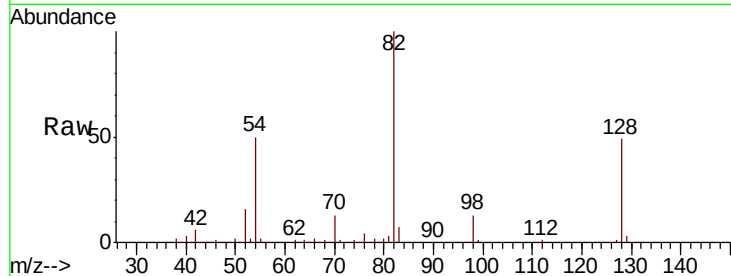
Tgt Ion: 82 Resp: 1012552

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

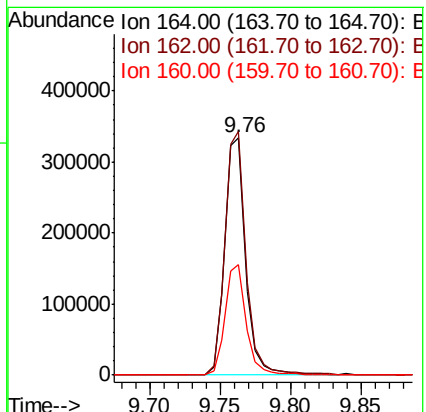
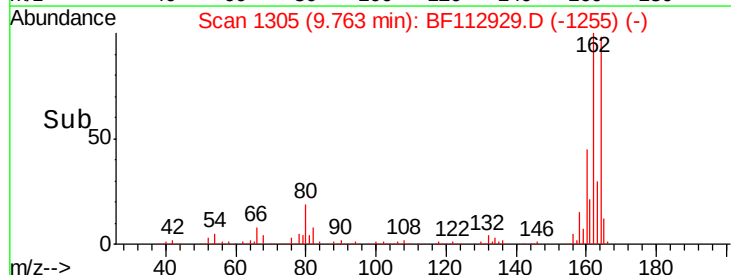
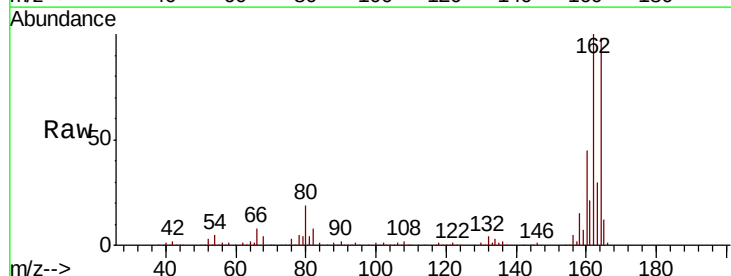
Tgt Ion: 164 Resp: 346326

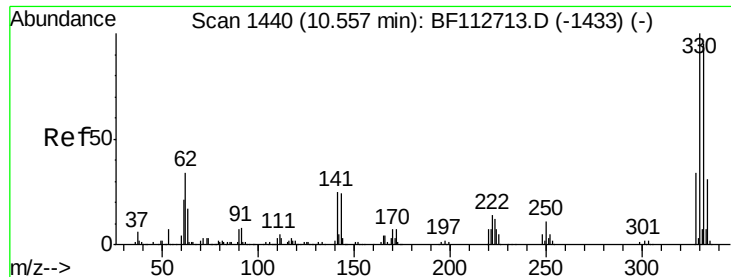
Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

160 46.4 36.0 54.0

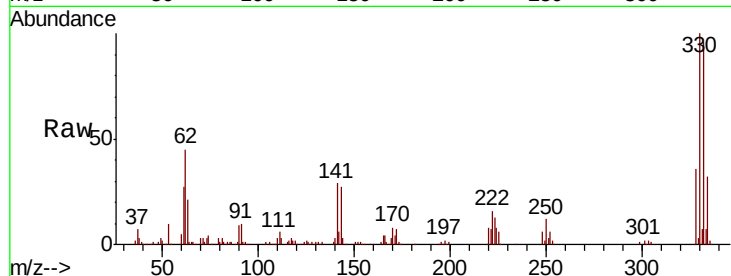




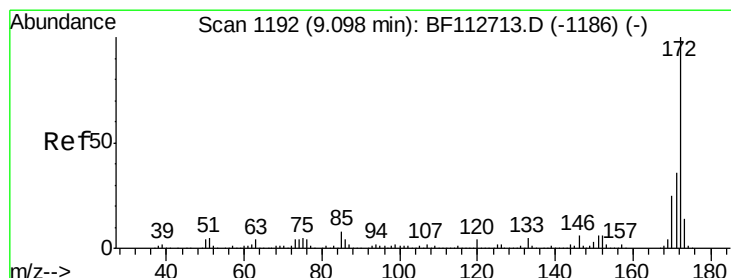
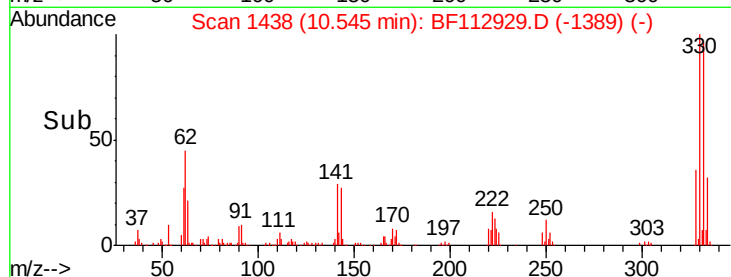
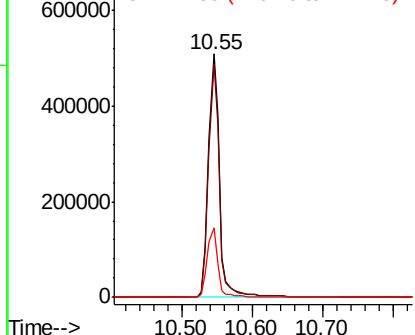
#42
 2,4,6-Tribromophenol
 Concen: 149.960 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	28.1	27.0	40.6

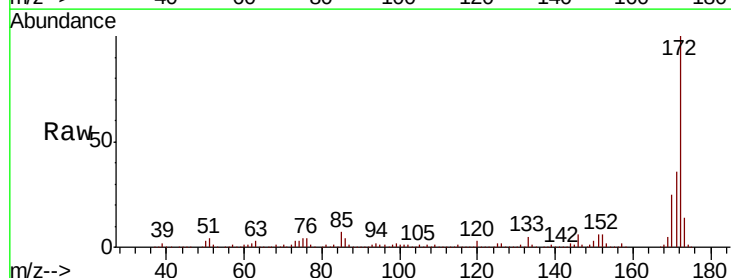


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

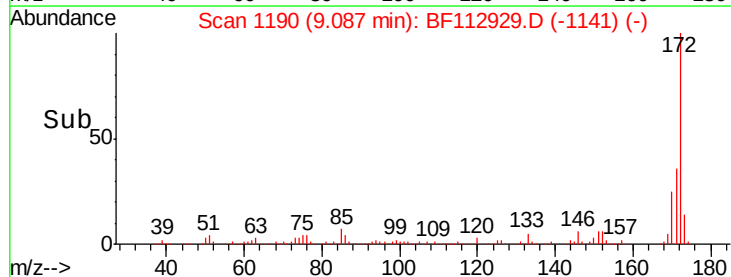
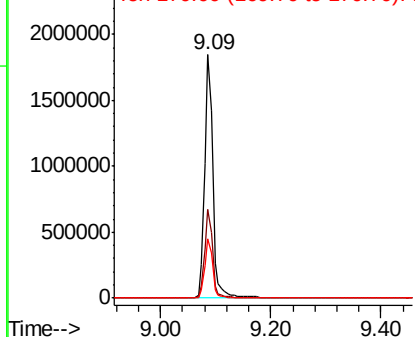


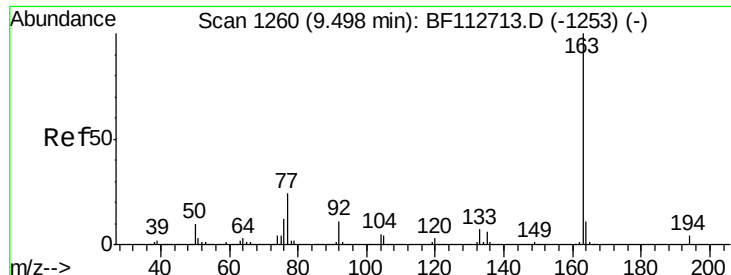
#45
 2-Fluorobiphenyl
 Concen: 92.087 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.6	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

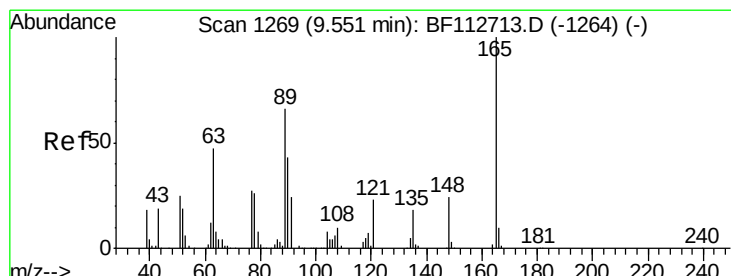
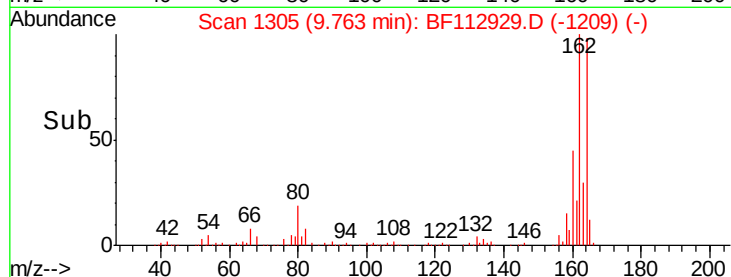
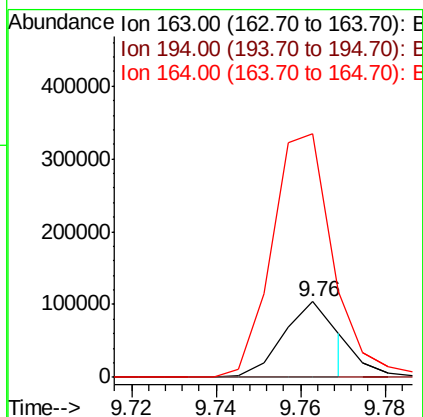
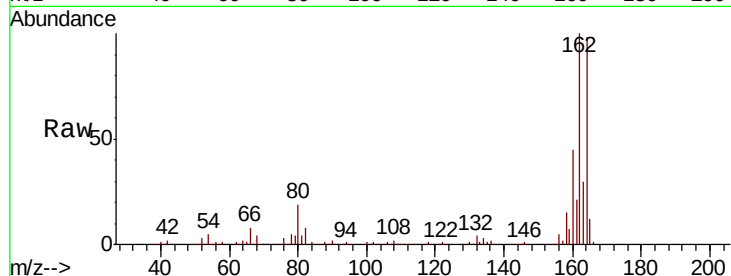




#50
 Dimethylphthalate
 Concen: 3.526 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.26 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

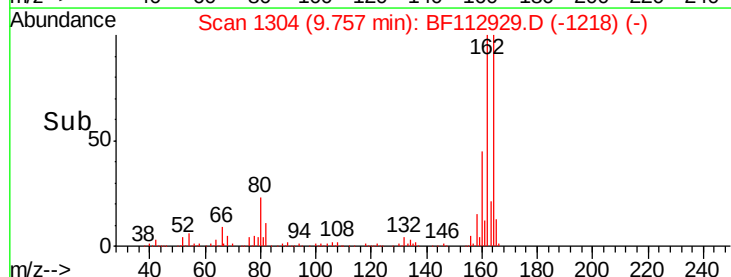
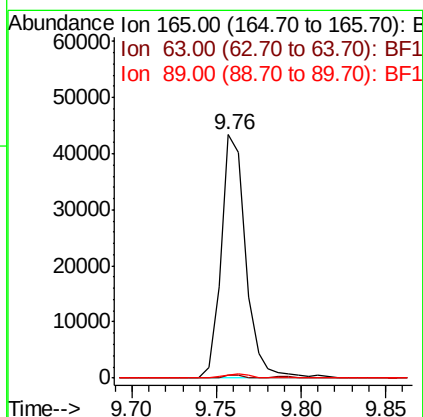
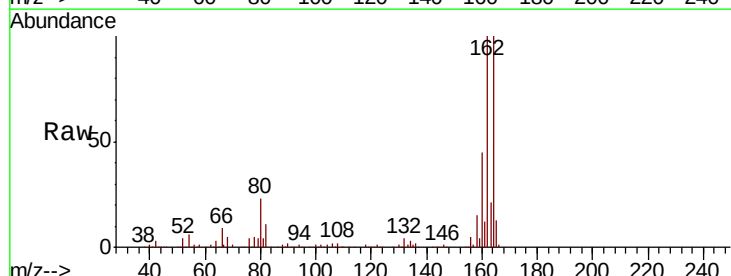
Instrument :
 BNA_F
 ClientSampleId :

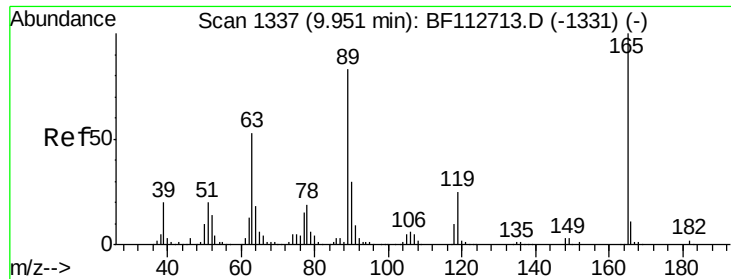
Tgt Ion:163 Resp: 90030
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.0 4.4#
 164 322.8 8.4 12.6#



#51
 2,6-Dinitrotoluene
 Concen: 8.352 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF112929.D
 Acq: 7 Mar 2019 18:50

Tgt Ion:165 Resp: 44415
 Ion Ratio Lower Upper
 165 100
 63 1.2 54.1 81.1#
 89 1.2 52.8 79.2#

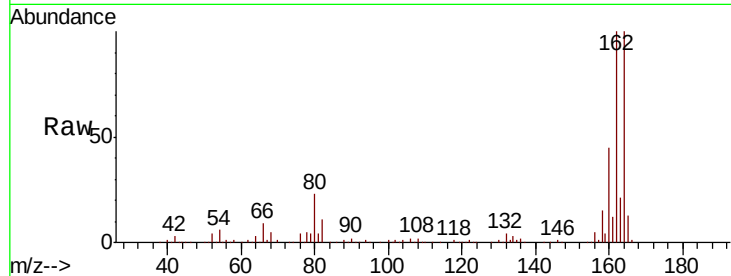




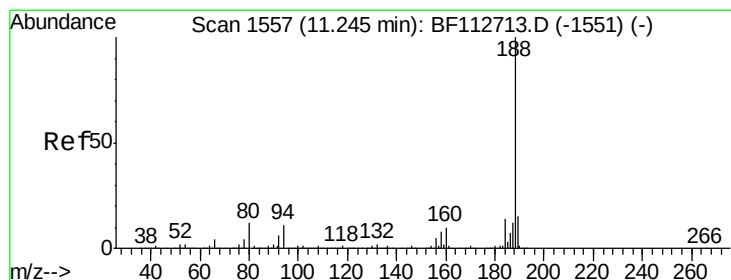
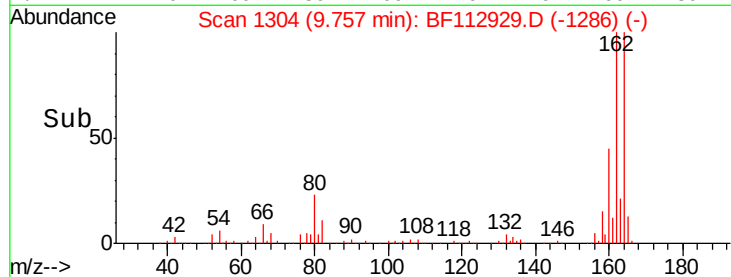
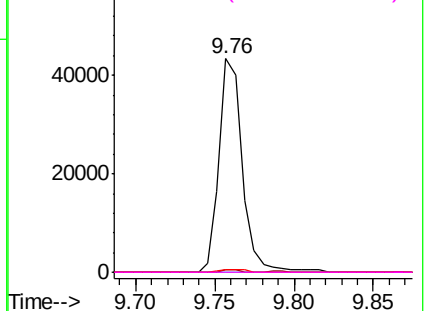
#57
2,4-Dinitrotoluene
Concen: 6.719 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

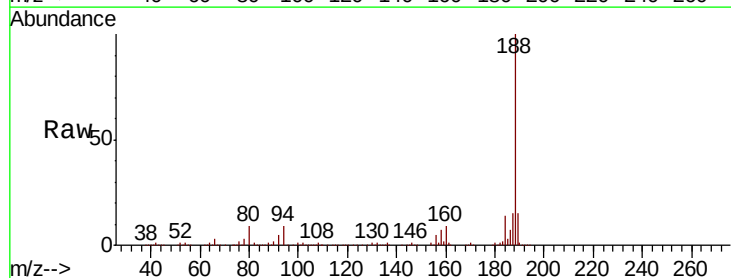


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

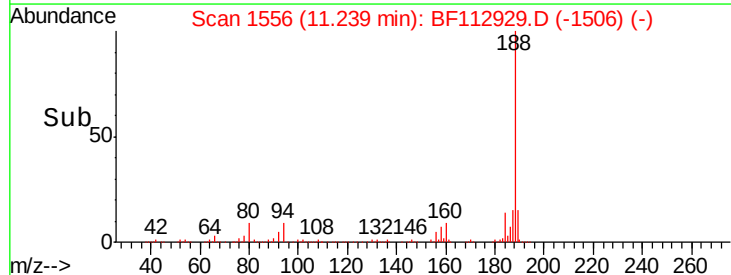
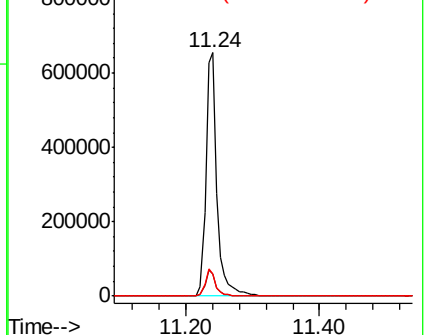


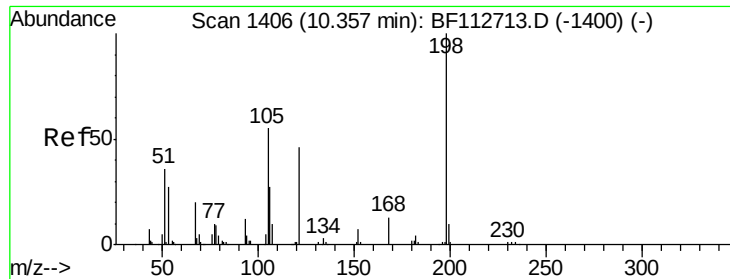
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.3	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: 4.874 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

Instrument :

BNA_F

ClientSampled :

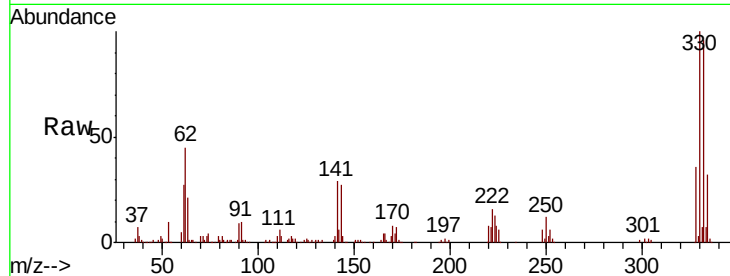
Tgt Ion:198 Resp: 883

Ion Ratio Lower Upper

198 100

51 168.9 43.8 83.8#

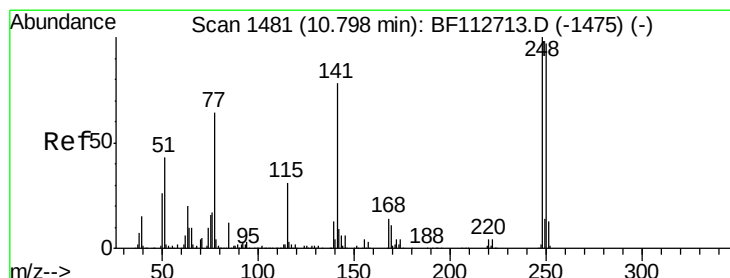
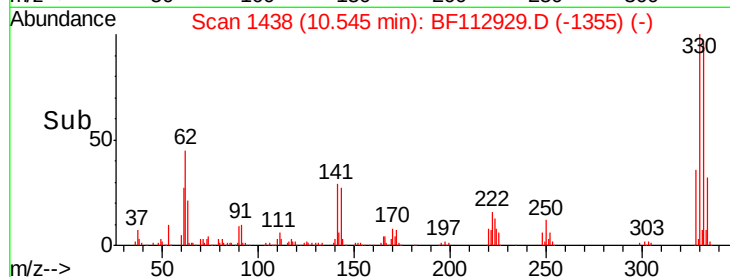
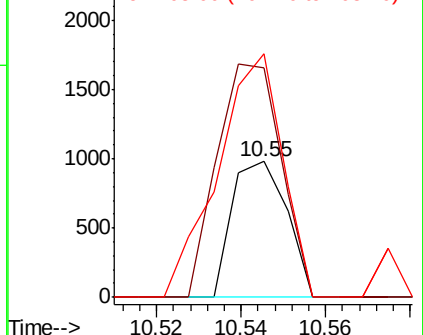
105 179.2 36.5 76.5#



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: 3.924 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF112929.D

Acq: 7 Mar 2019 18:50

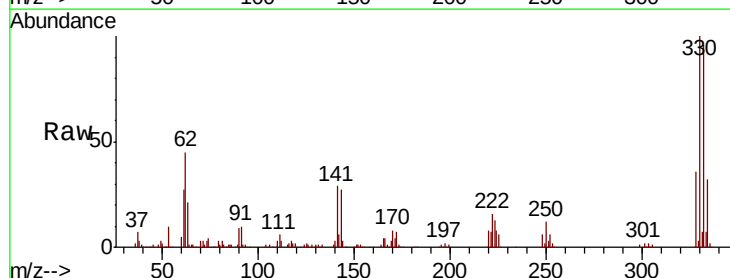
Tgt Ion:248 Resp: 30735

Ion Ratio Lower Upper

248 100

250 201.7 77.5 116.3#

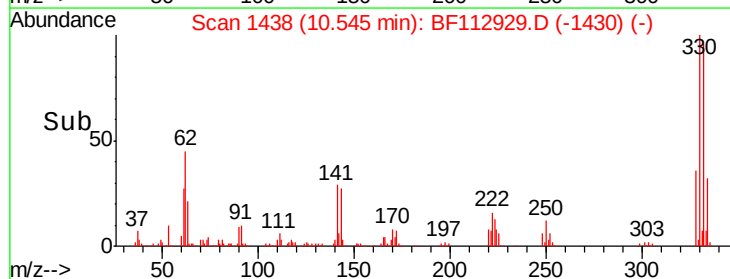
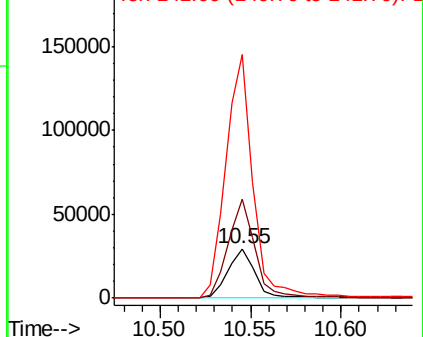
141 494.9 62.4 93.6#

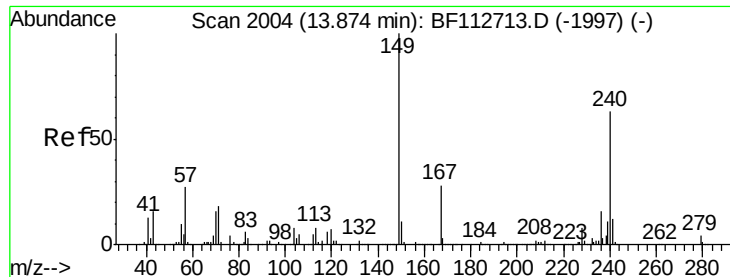


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

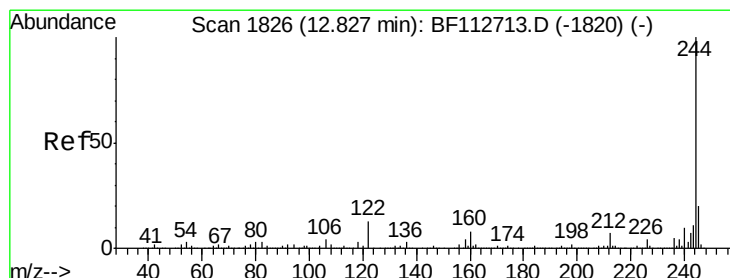
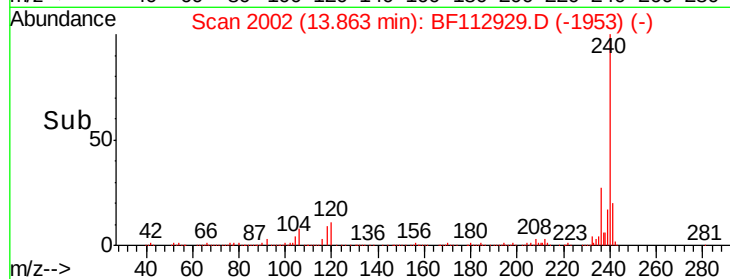
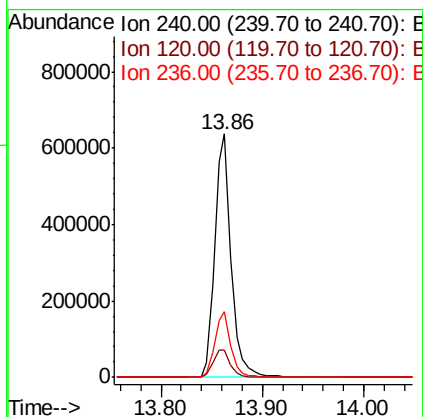
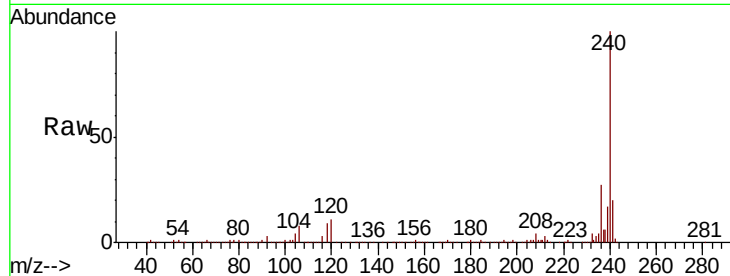




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

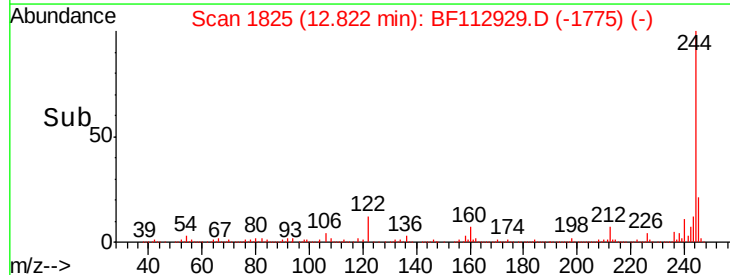
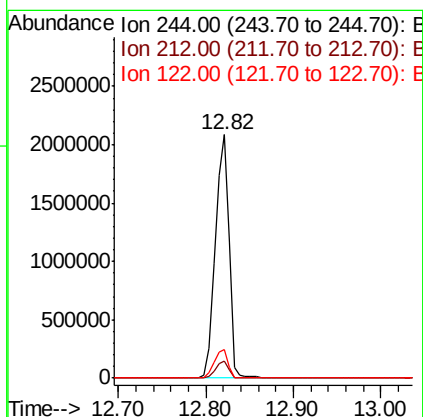
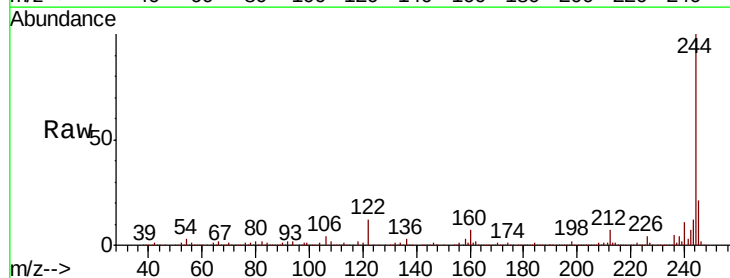
Instrument :
BNA_F
ClientSampleId :

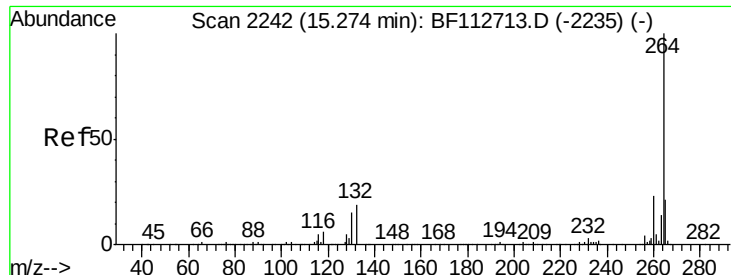
Tgt Ion:240 Resp: 711548
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 27.0 20.7 31.1



#79
Terphenyl-d14
Concen: 62.109 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112929.D
Acq: 7 Mar 2019 18:50

Tgt Ion:244 Resp: 2279773
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.7 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: BF112929.D
Acq: 7 Mar 2019 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.2	17.2	25.8

