

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112921.D
 Acq On : 7 Mar 2019 15:13
 Operator : JU/SJ
 Sample : K1757-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:18:51 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

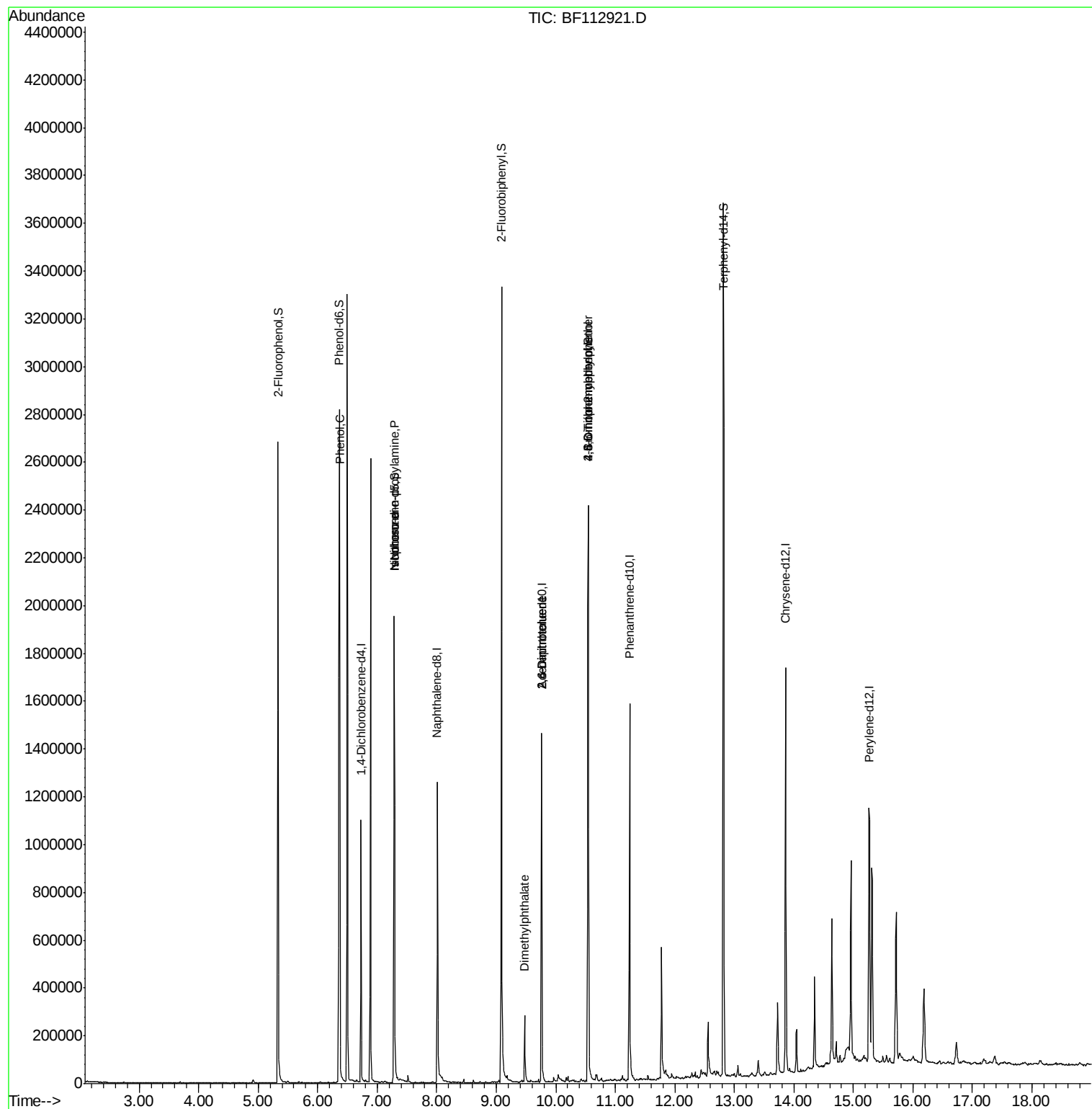
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	157171	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	636184	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	310842	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	650853	20.00	ng	0.00
76) Chrysene-d12	13.86	240	620243	20.00	ng	-0.01
87) Perylene-d12	15.26	264	546183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	798728	79.05	ng	-0.01
7) Phenol-d6	6.36	99	1054078	83.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	611110	57.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	346000	104.85	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1107625	53.52	ng	-0.01
79) Terphenyl-d14	12.82	244	1283497	40.11	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	47749	3.224	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	78878	9.813	ng	# 77
25) Isophorone	7.29	82	608770	26.579	ng	# 66
50) Dimethylphthalate	9.48	163	120732	5.268	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	40658	8.519	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	40659	6.853	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	450	4.765	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	19910	2.904	ng	# 1

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

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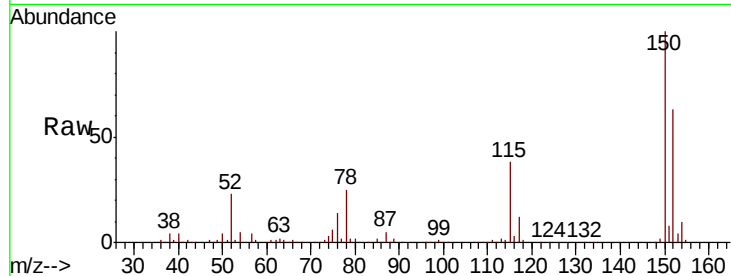




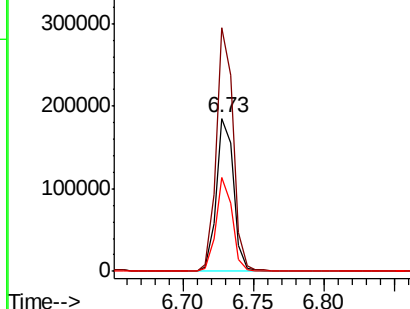
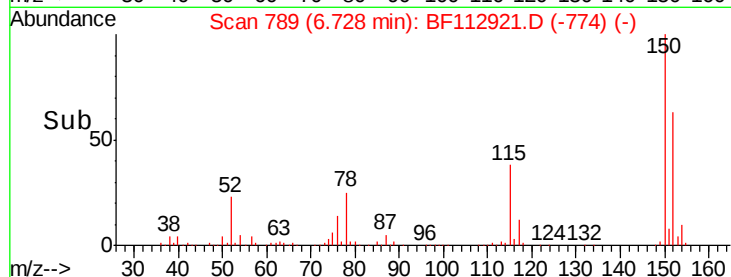
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 157171
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.2 186.2
 115 61.0 48.2 72.4

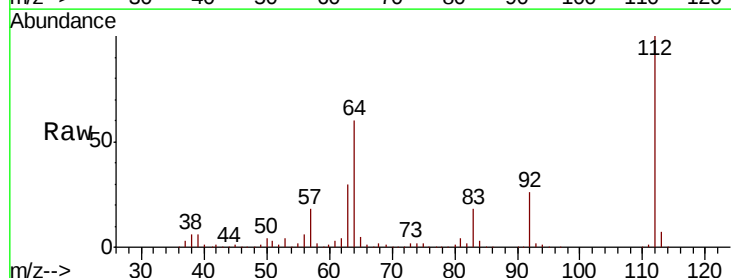


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

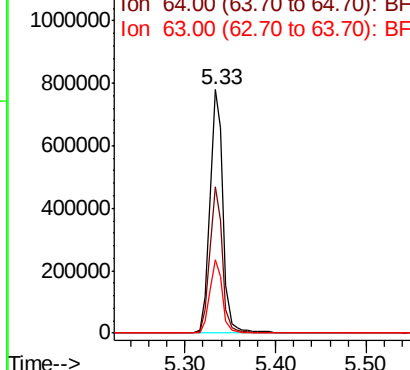
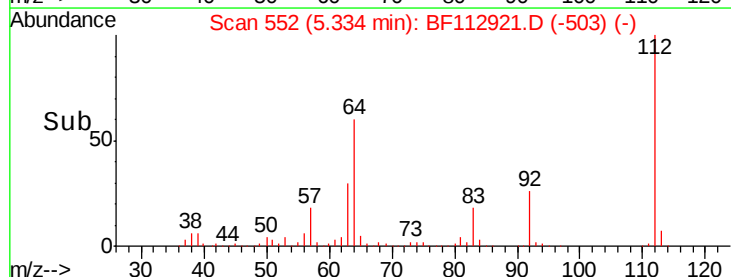


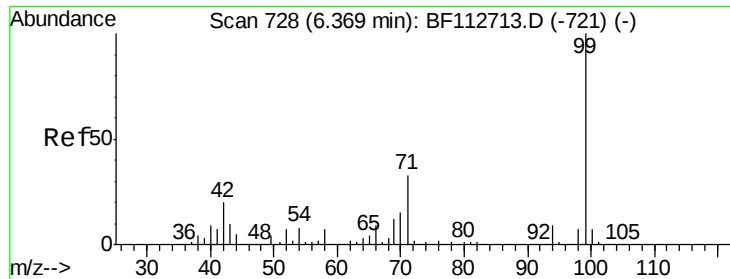
#5
 2-Fluorophenol
 Concen: 79.051 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Tgt Ion:112 Resp: 798728
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.6 71.4
 63 30.4 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: 83.049 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112921.D

Acq: 7 Mar 2019 15:13

Instrument :

BNA_F

ClientSampled :

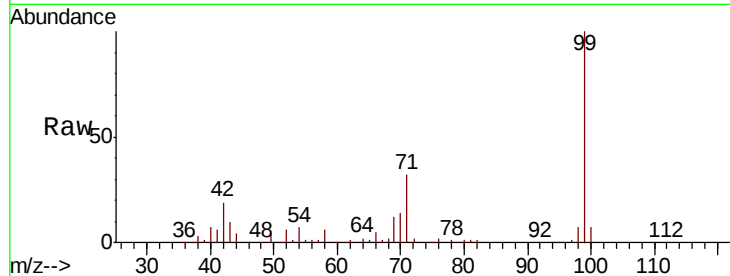
Tgt Ion: 99 Resp: 1054078

Ion Ratio Lower Upper

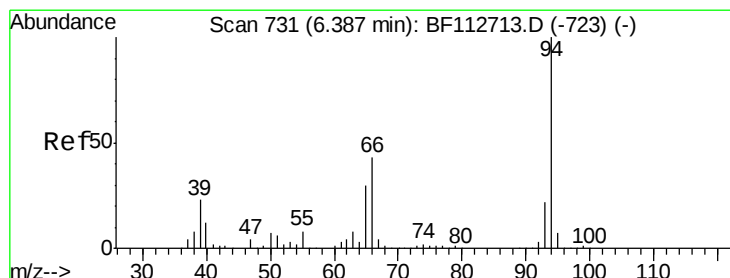
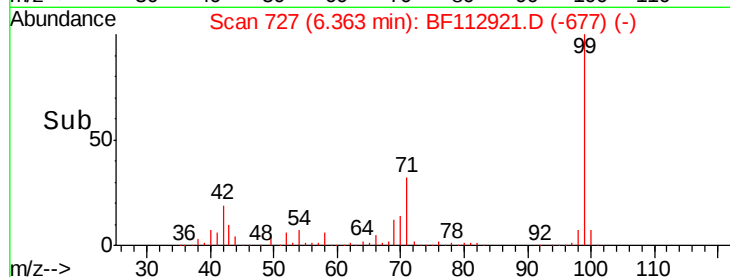
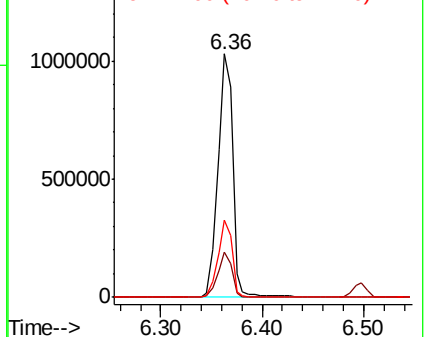
99 100

42 18.6 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



#10

Phenol

Concen: 3.224 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112921.D

Acq: 7 Mar 2019 15:13

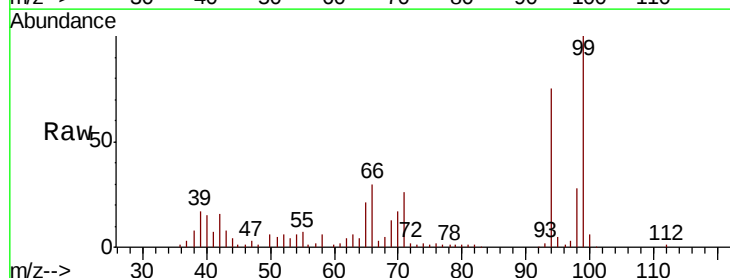
Tgt Ion: 94 Resp: 47749

Ion Ratio Lower Upper

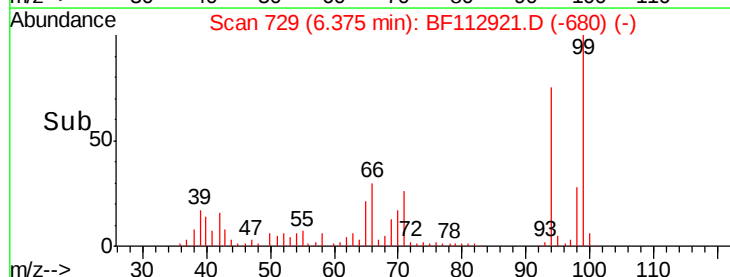
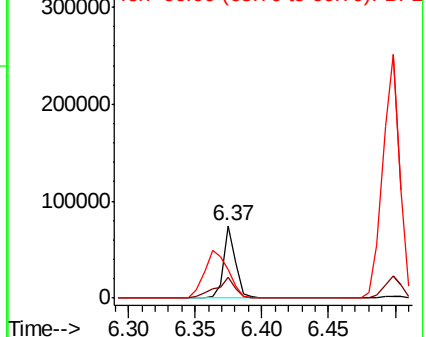
94 100

65 28.1 10.5 50.5

66 40.2 22.6 62.6



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

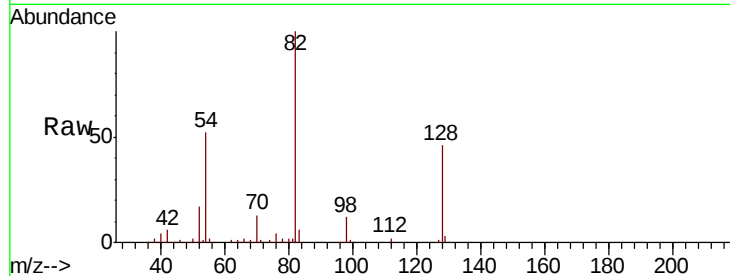




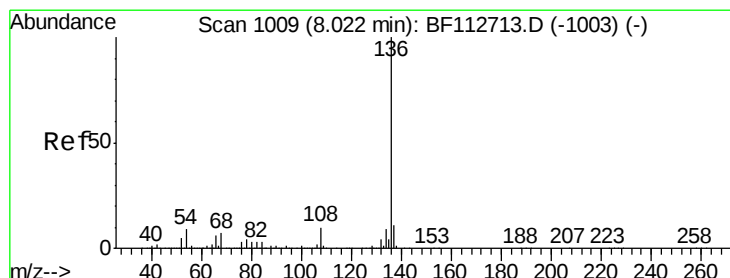
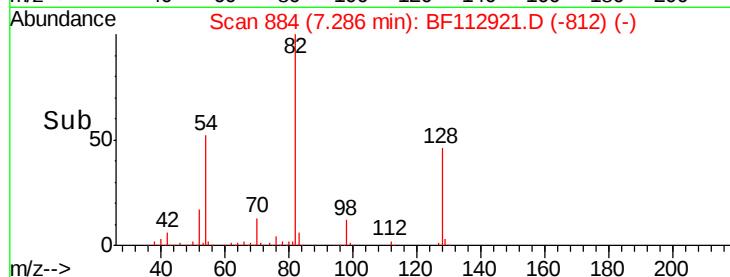
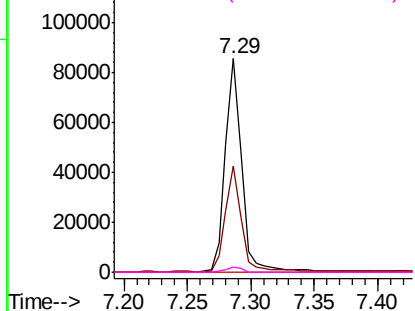
#19
n-Nitroso-di-n-propylamine
Concen: 9.813 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78878
Ion Ratio Lower Upper
70 100
42 49.7 49.9 74.9#
101 0.0 7.4 11.2#
130 2.2 17.4 26.2#

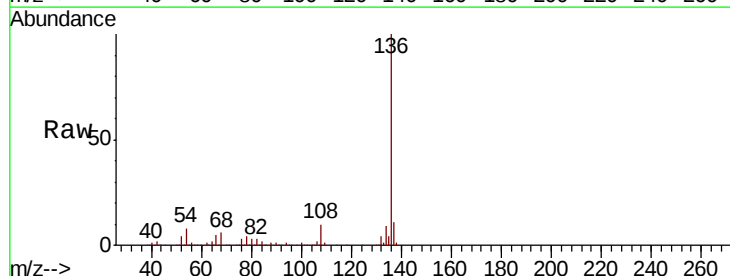


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

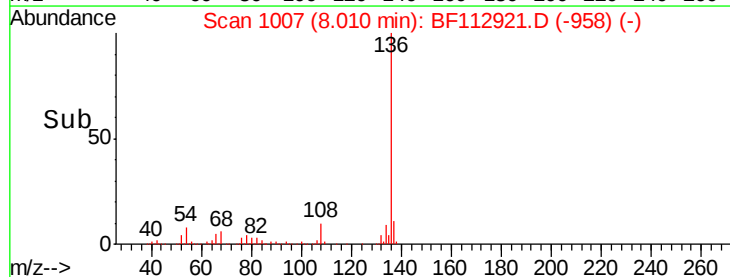
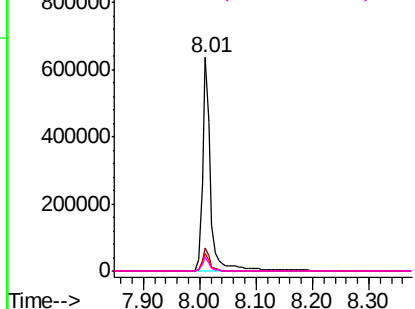


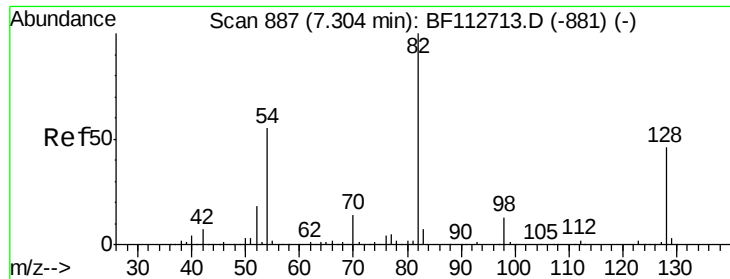
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Tgt Ion: 136 Resp: 636184
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.3 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

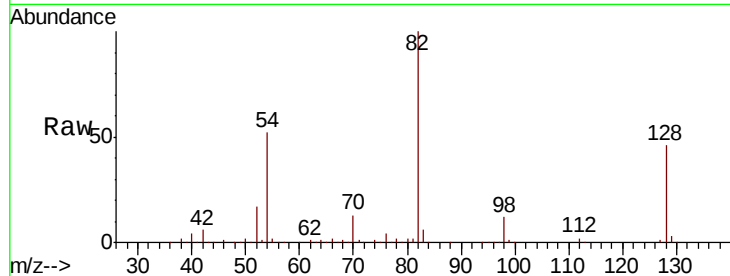




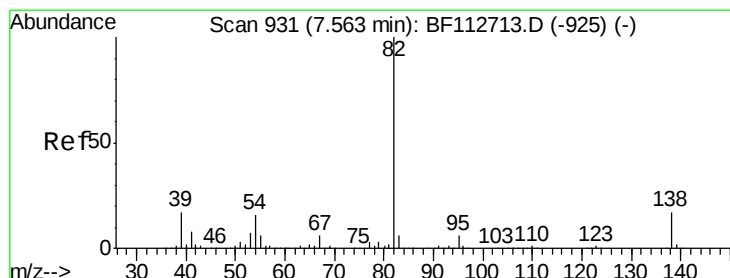
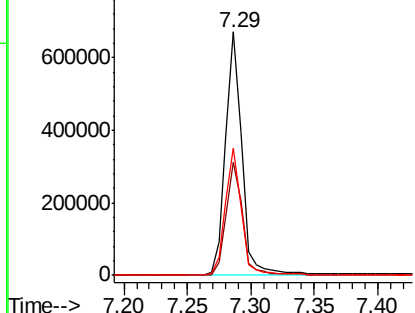
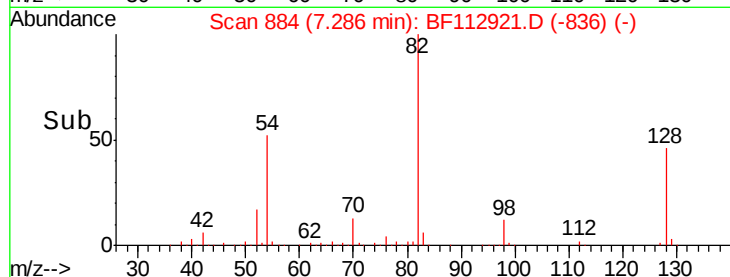
#23
Nitrobenzene-d5
Concen: 57.480 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 82 Resp: 611110
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 52.3 43.7 65.5

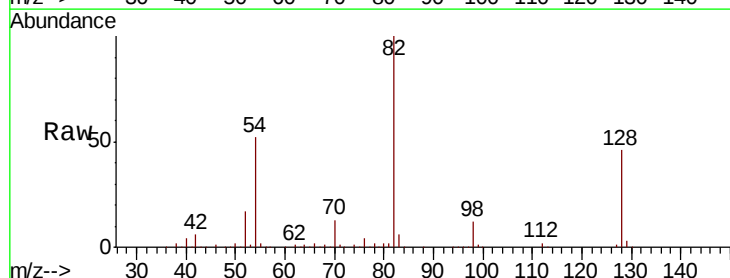


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

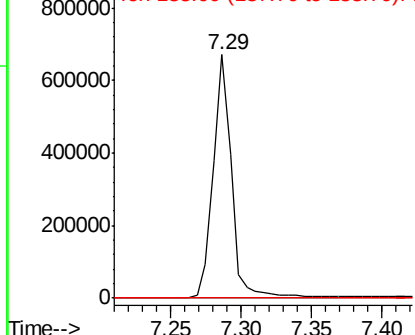
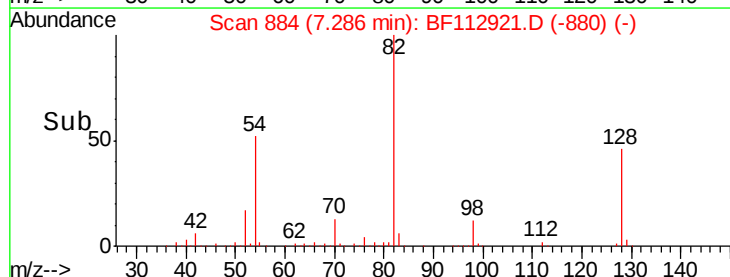


#25
Isophorone
Concen: 26.579 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Tgt Ion: 82 Resp: 608770
Ion Ratio Lower Upper
82 100
95 0.1 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

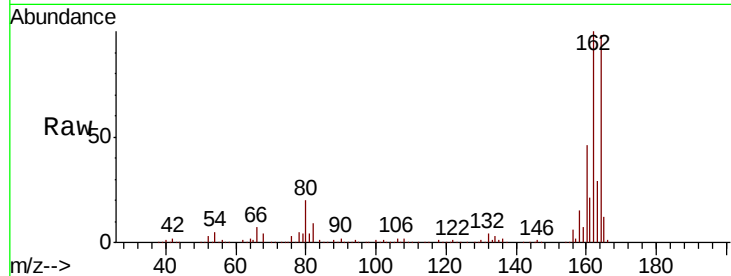




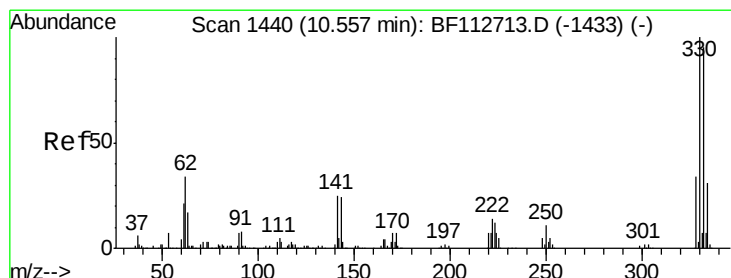
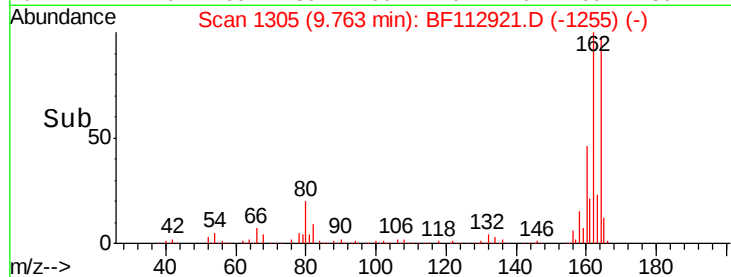
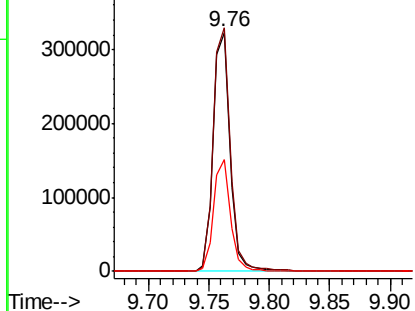
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 310842
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 46.8 36.0 54.0

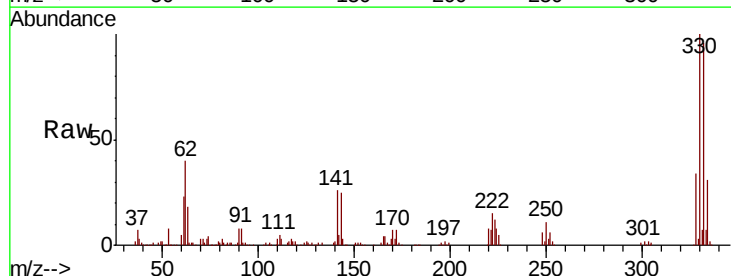


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

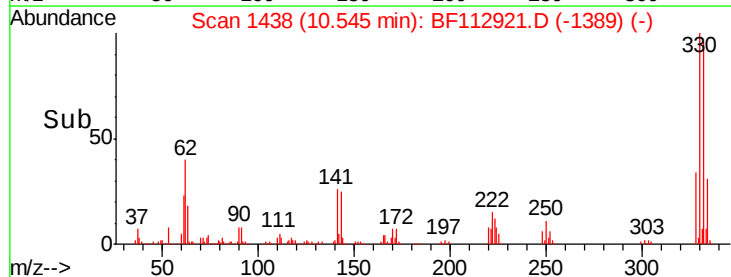
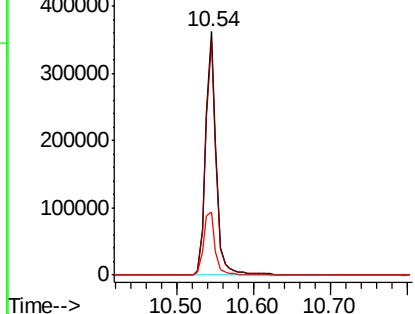


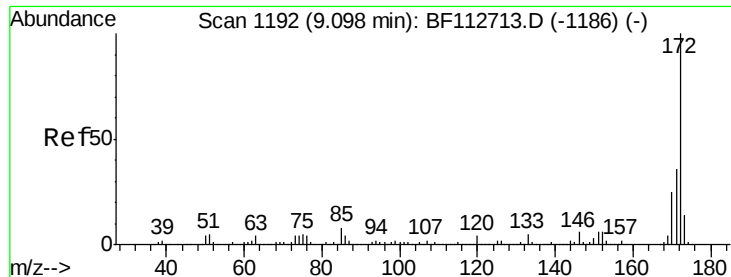
#42
2,4,6-Tribromophenol
Concen: 104.849 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Tgt Ion:330 Resp: 346000
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 28.9 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

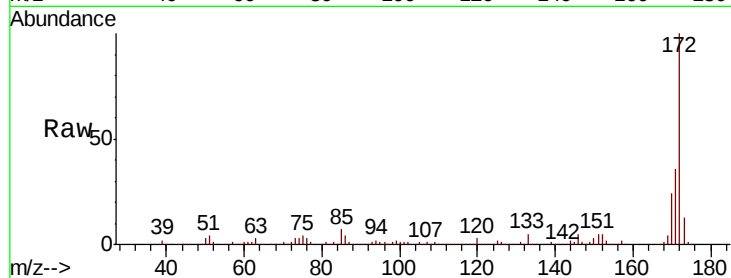




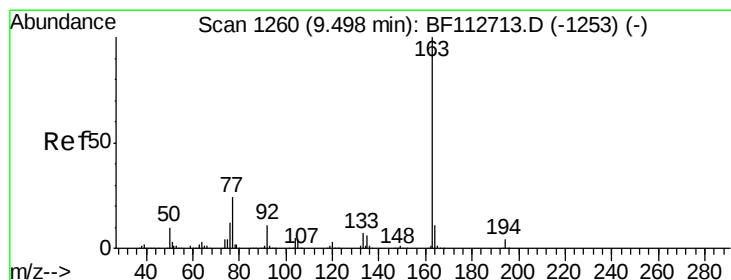
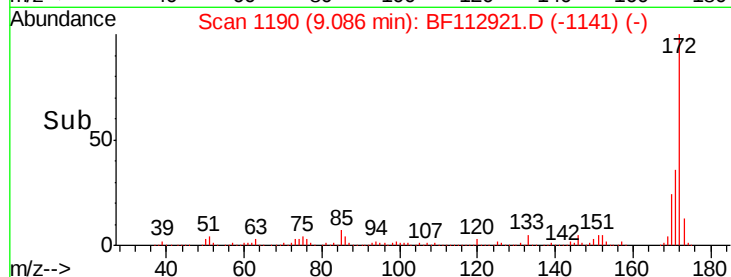
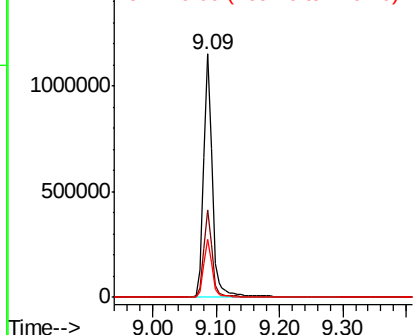
#45
 2-Fluorobiphenyl
 Concen: 53.525 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:172 Resp: 1107625
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.0 20.0 30.0

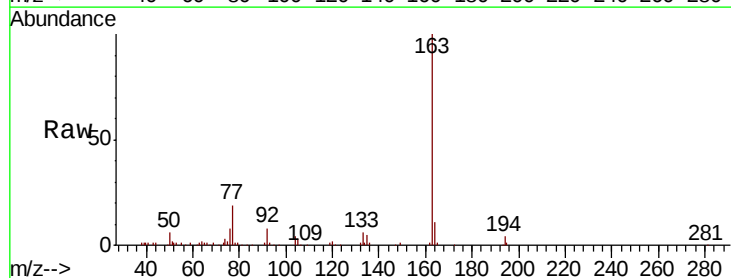


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

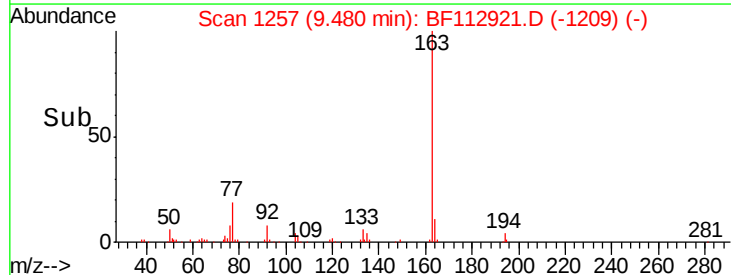
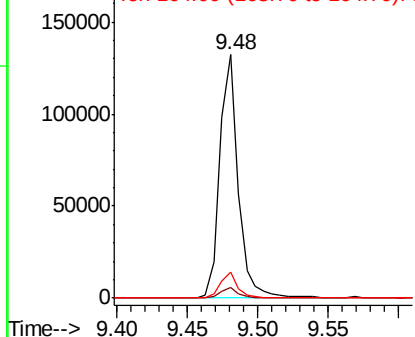


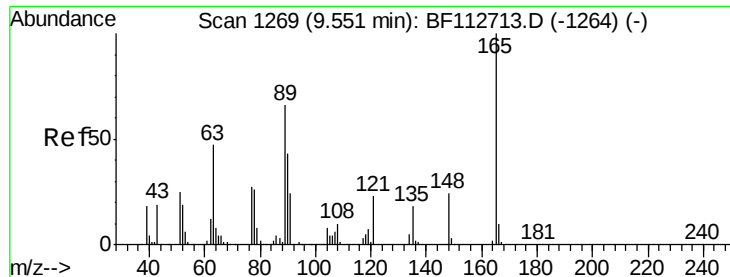
#50
 Dimethylphthalate
 Concen: 5.268 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Tgt Ion:163 Resp: 120732
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.0 4.4#
 164 10.5 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





#51

2,6-Dinitrotoluene

Concen: 8.519 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112921.D

Acq: 7 Mar 2019 15:13

Instrument :

BNA_F

ClientSampleId :

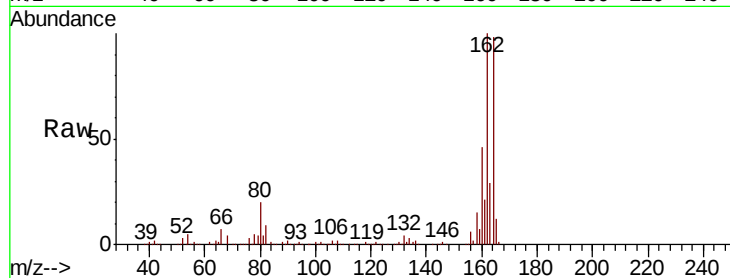
Tgt Ion:165 Resp: 40658

Ion Ratio Lower Upper

165 100

63 1.2 54.1 81.1#

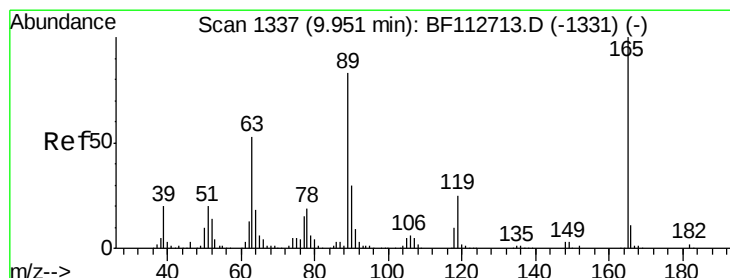
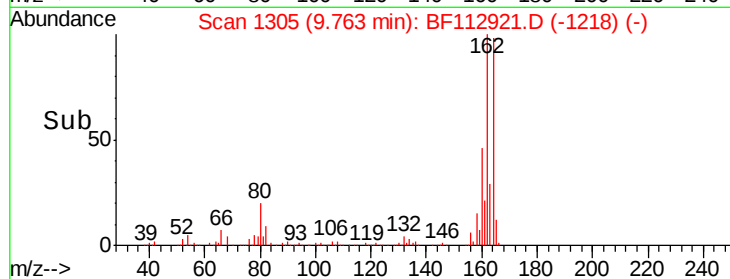
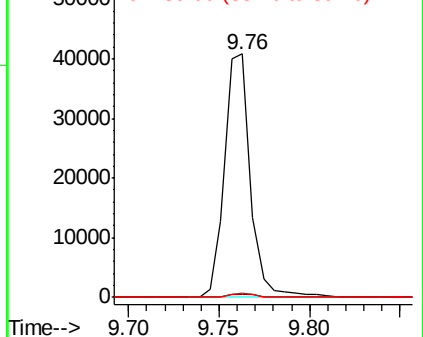
89 1.5 52.8 79.2#



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



#57

2,4-Dinitrotoluene

Concen: 6.853 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF112921.D

Acq: 7 Mar 2019 15:13

Tgt Ion:165 Resp: 40659

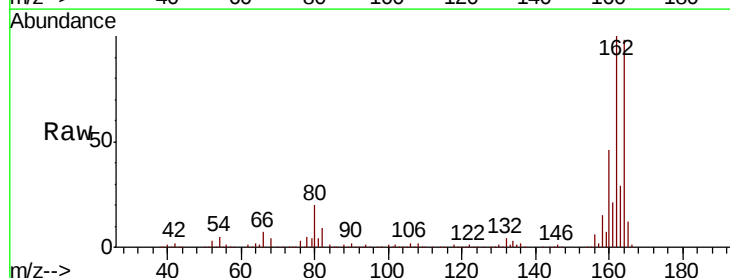
Ion Ratio Lower Upper

165 100

63 1.2 42.2 63.2#

89 1.5 66.2 99.4#

182 0.0 1.8 2.6#

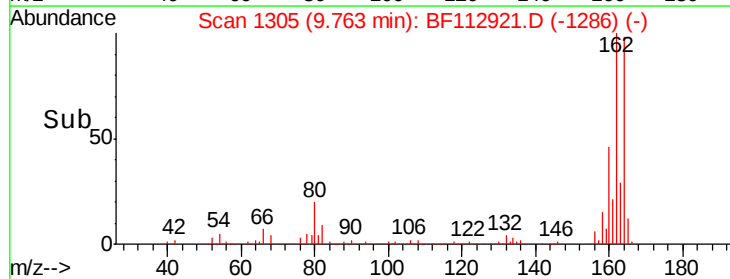
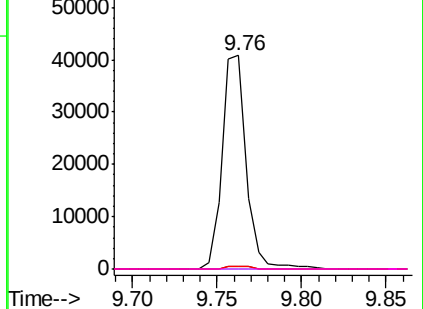


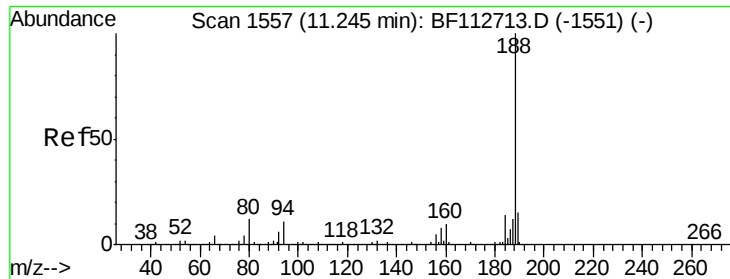
Abundance Ion 165.00 (164.70 to 165.70): E

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

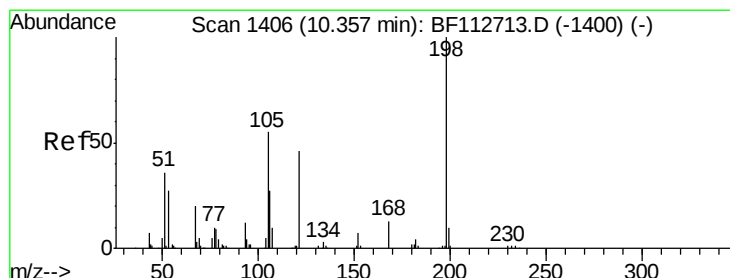
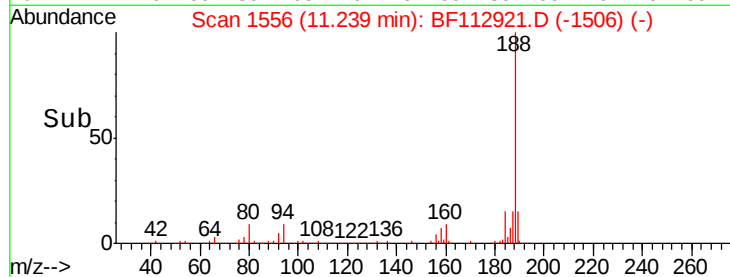
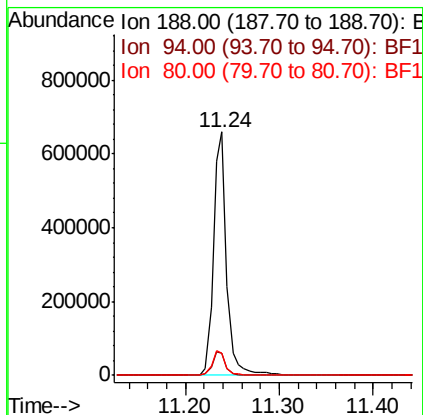
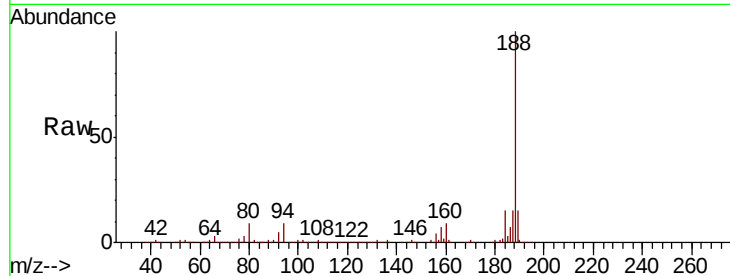




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

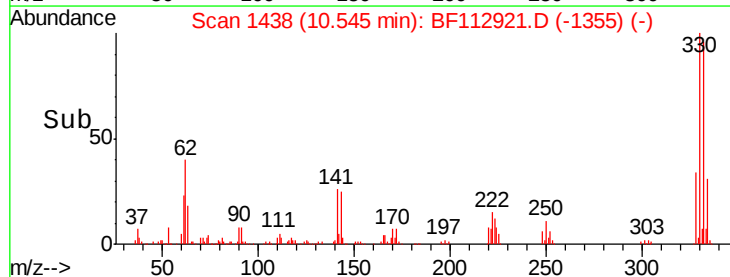
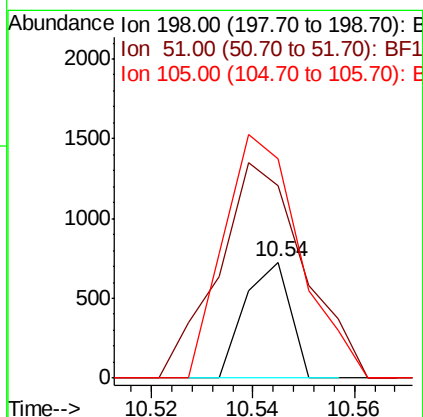
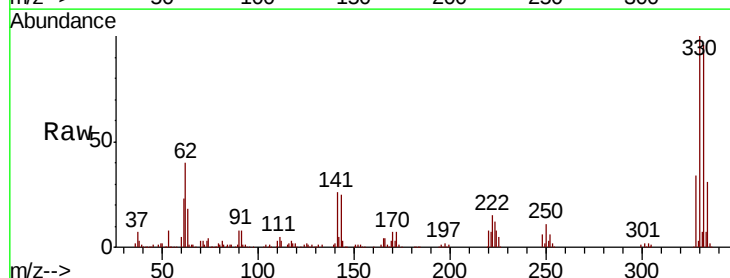
Instrument :
BNA_F
ClientSampleId :

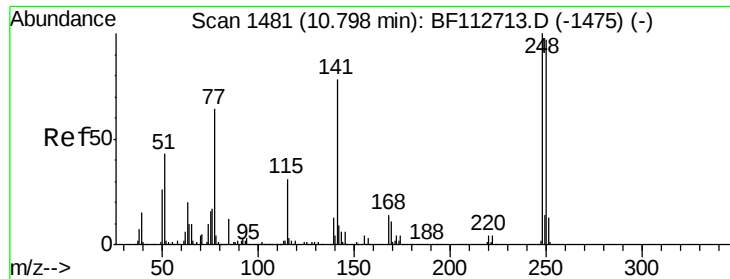
Tgt Ion:188 Resp: 650853
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.3 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.765 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112921.D
Acq: 7 Mar 2019 15:13

Tgt Ion:198 Resp: 450
Ion Ratio Lower Upper
198 100
51 165.1 43.8 83.8#
105 188.9 36.5 76.5#

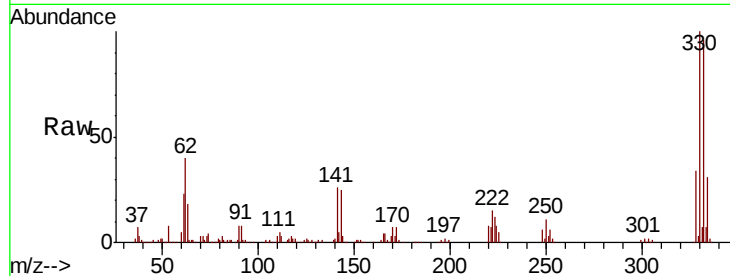




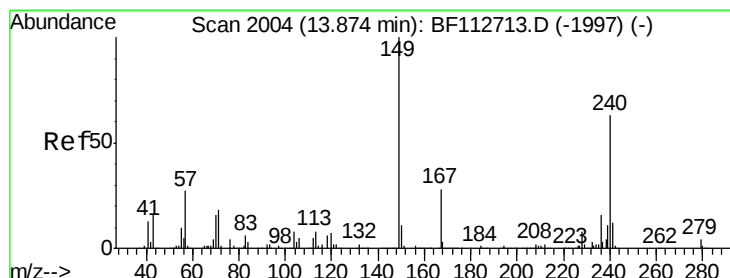
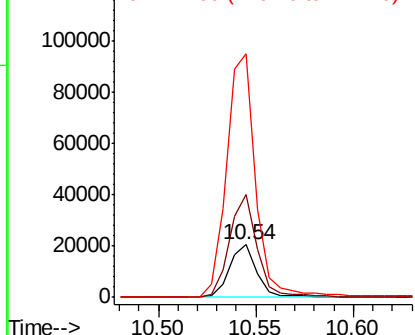
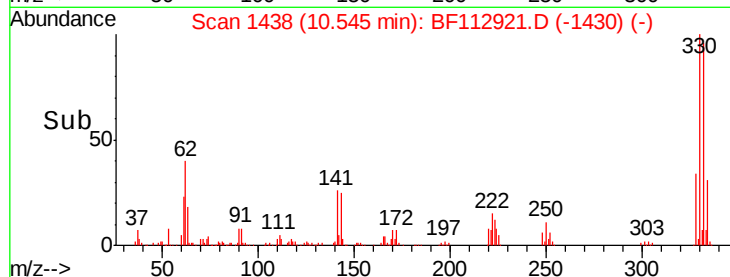
#67
 4-Bromophenyl-phenylether
 Concen: 2.904 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:248 Resp: 19910
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.5 116.3#
 141 465.1 62.4 93.6#

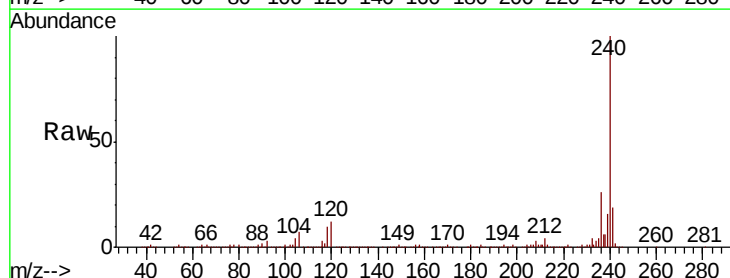


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

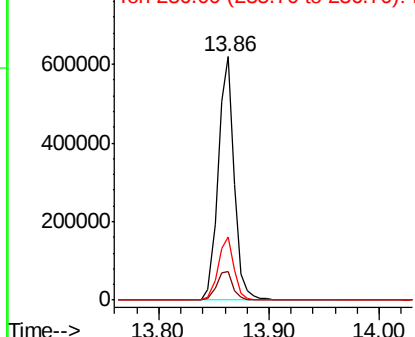
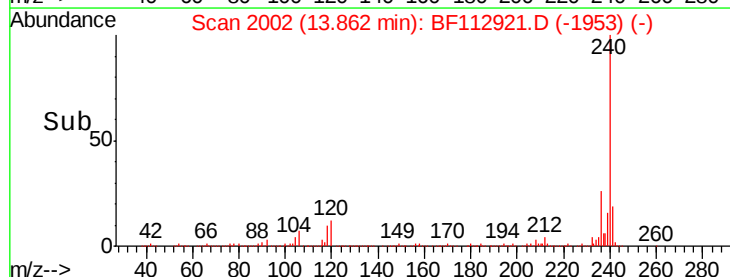


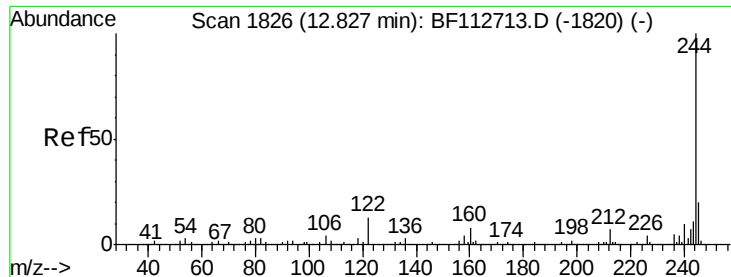
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Tgt Ion:240 Resp: 620243
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.9 13.3
 236 26.1 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

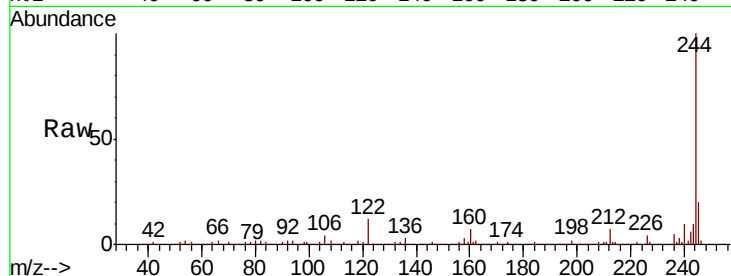




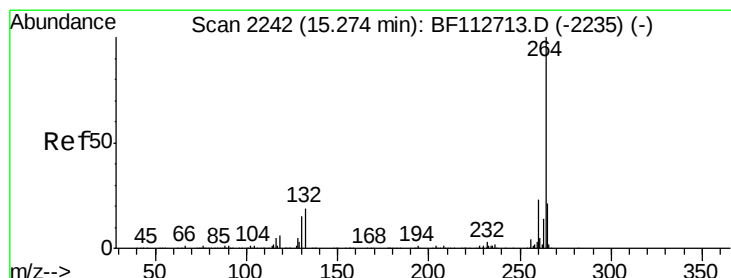
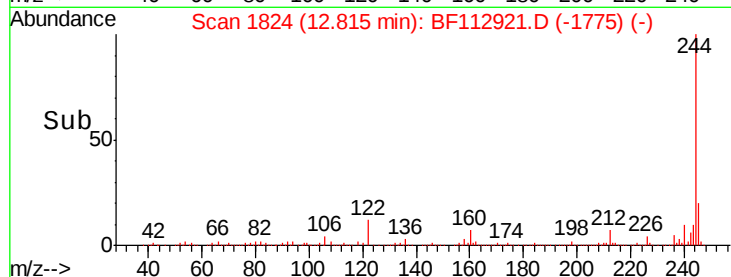
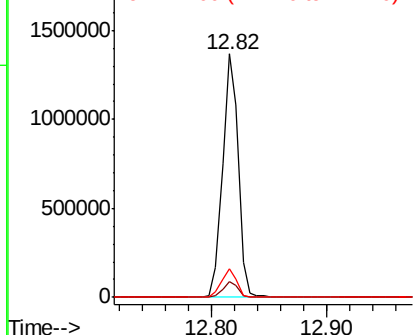
#79
 Terphenyl-d14
 Concen: 40.114 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 1283497
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.7 10.5 15.7

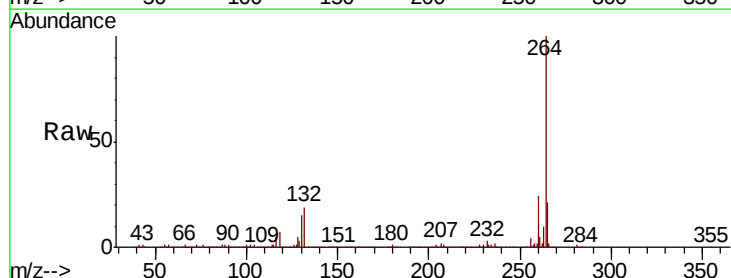


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112921.D
 Acq: 7 Mar 2019 15:13

Tgt Ion:264 Resp: 546183
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.4 17.2 25.8



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

