

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112933.D
 Acq On : 7 Mar 2019 20:39
 Operator : JU/SJ
 Sample : K1760-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:21:32 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

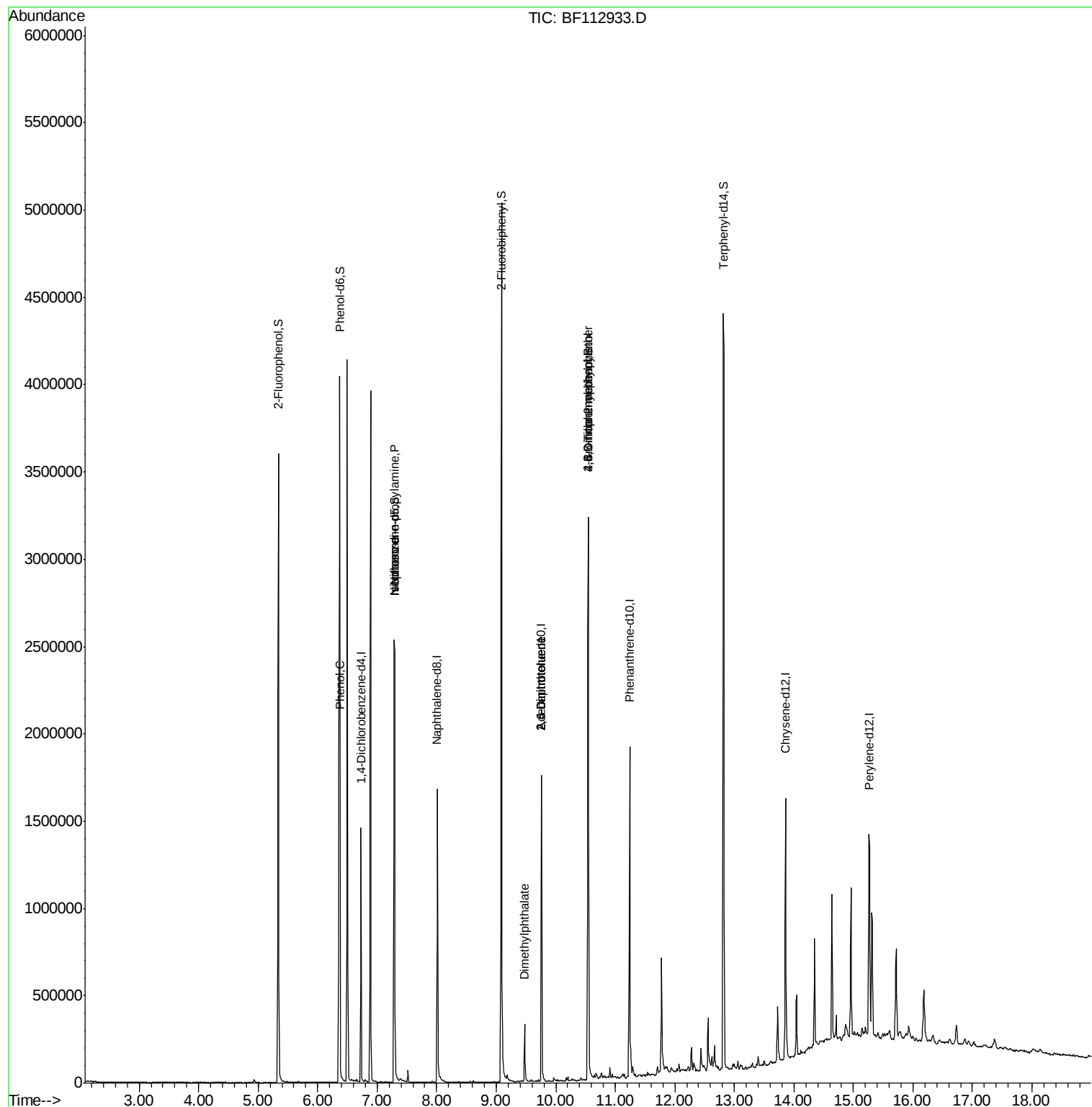
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210902	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	819270	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	391704	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	794171	20.00	ng	0.00
76) Chrysene-d12	13.86	240	583959	20.00	ng	-0.01
87) Perylene-d12	15.26	264	595063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1145344	84.48	ng	0.00
7) Phenol-d6	6.37	99	1527424	89.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	958625	70.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	472843	113.71	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1734246	70.03	ng	-0.01
79) Terphenyl-d14	12.82	244	1691931	56.16	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	56472	2.841	ng	86
19) n-Nitroso-di-n-propylamine	7.29	70	126412	11.719	ng	# 75
25) Isophorone	7.29	82	947317	32.117	ng	# 66
50) Dimethylphthalate	9.48	163	152131	5.267	ng	100
51) 2,6-Dinitrotoluene	9.76	165	51622	8.583	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	51623	6.905	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	724	4.813	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	26441	3.161	ng	# 1

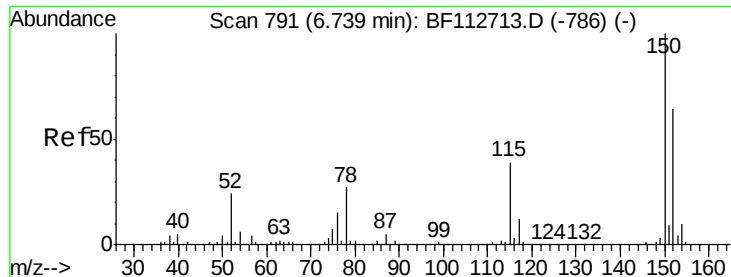
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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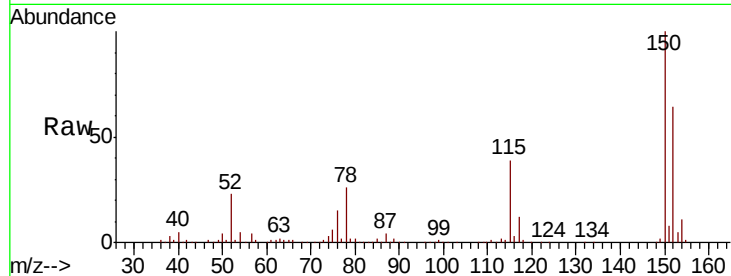




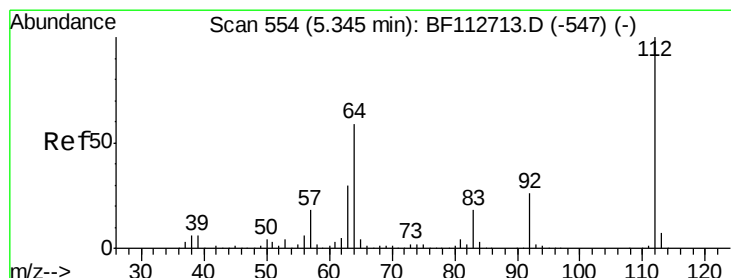
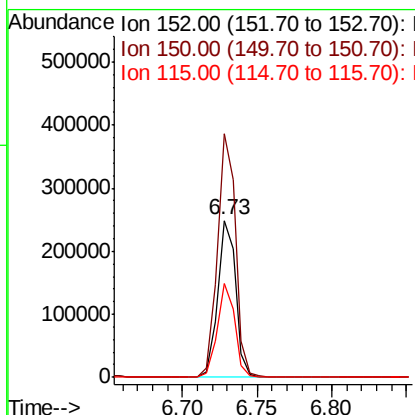
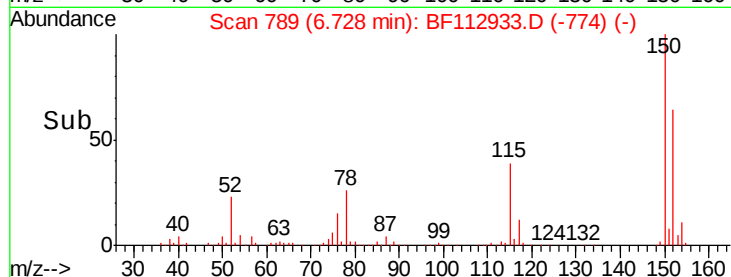
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 210902
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.2 186.2
 115 59.8 48.2 72.4

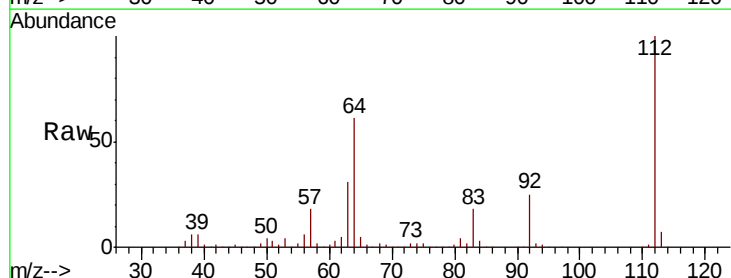


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

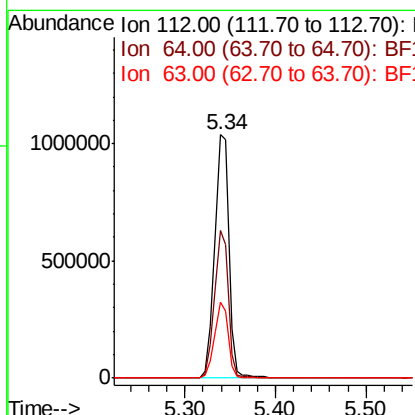
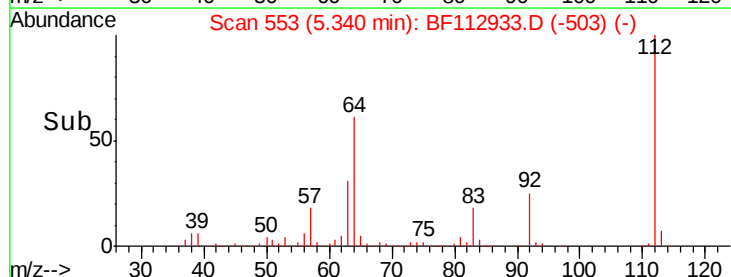


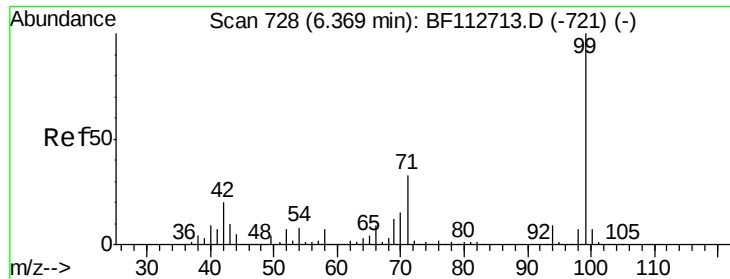
#5
 2-Fluorophenol
 Concen: 84.477 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Tgt Ion:112 Resp: 1145344
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.6 71.4
 63 30.9 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: 89.684 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112933.D

Acq: 7 Mar 2019 20:39

Instrument :

BNA_F

ClientSampleId :

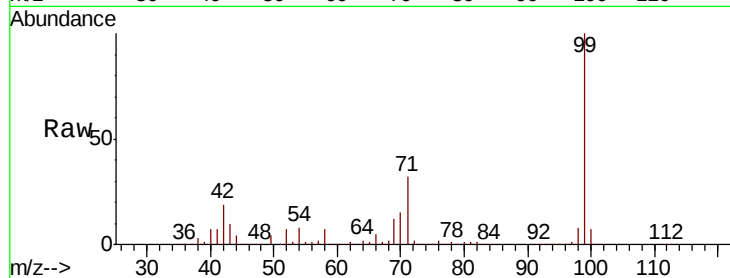
Tgt Ion: 99 Resp: 1527424

Ion Ratio Lower Upper

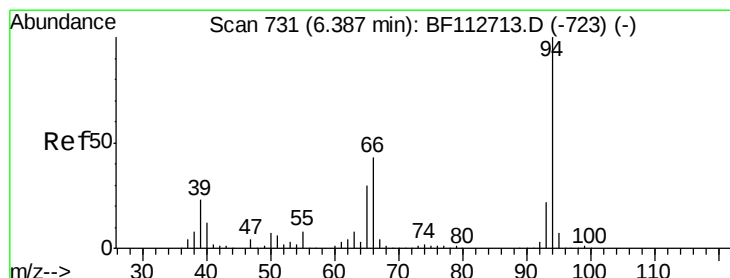
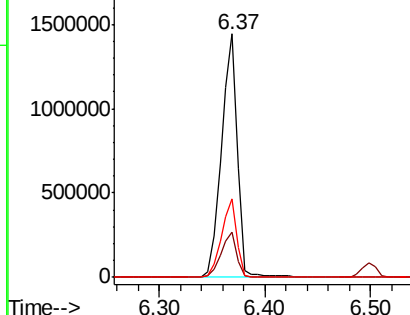
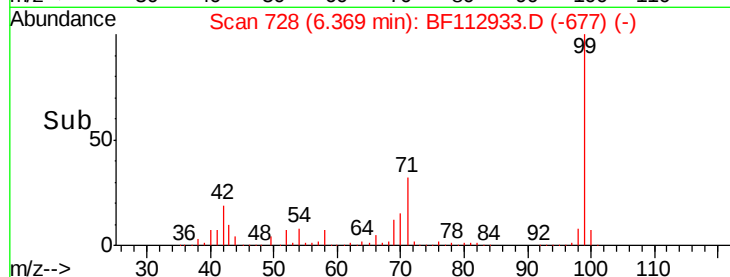
99 100

42 18.6 16.3 24.5

71 32.4 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: 2.841 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112933.D

Acq: 7 Mar 2019 20:39

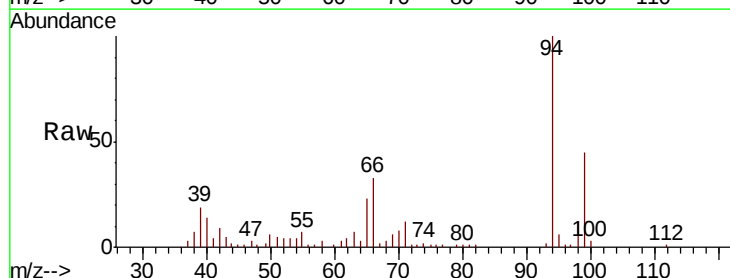
Tgt Ion: 94 Resp: 56472

Ion Ratio Lower Upper

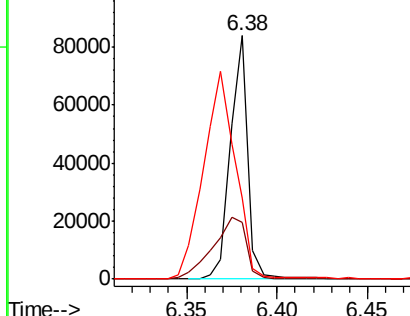
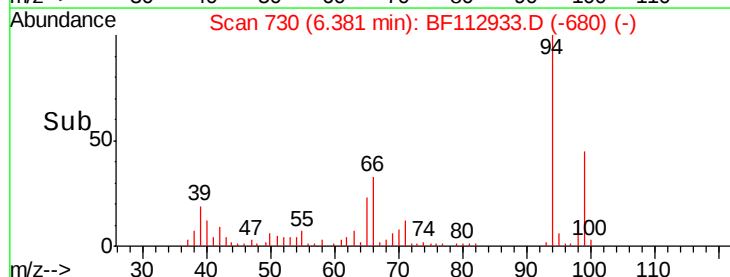
94 100

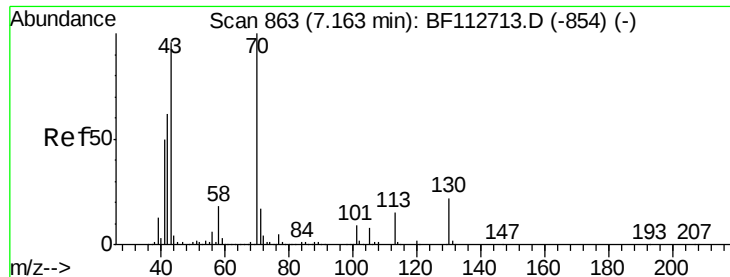
65 23.1 10.5 50.5

66 33.2 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

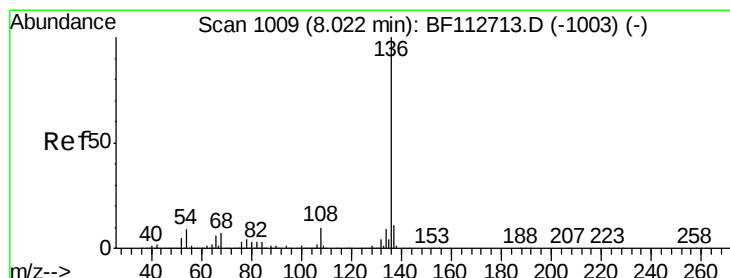
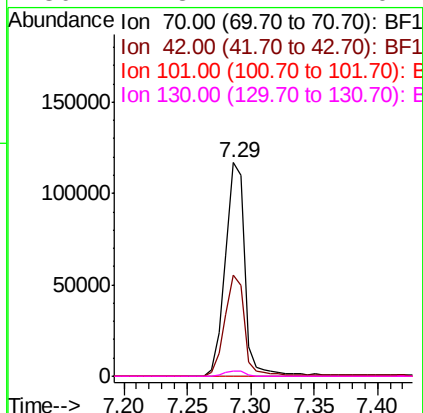
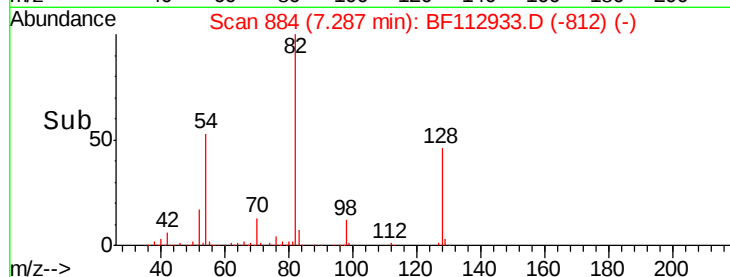
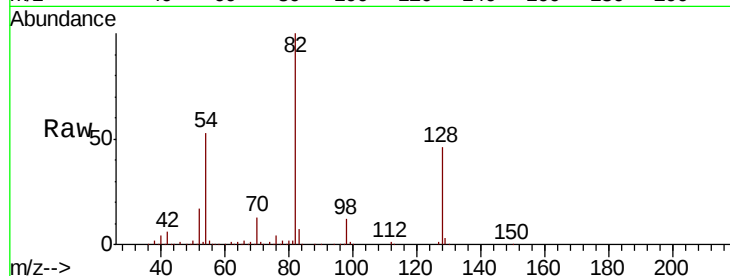




#19
n-Nitroso-di-n-propylamine
Concen: 11.719 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

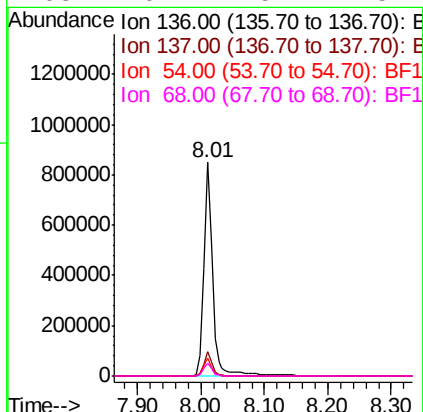
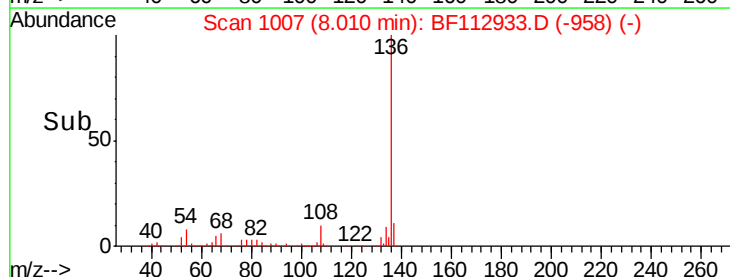
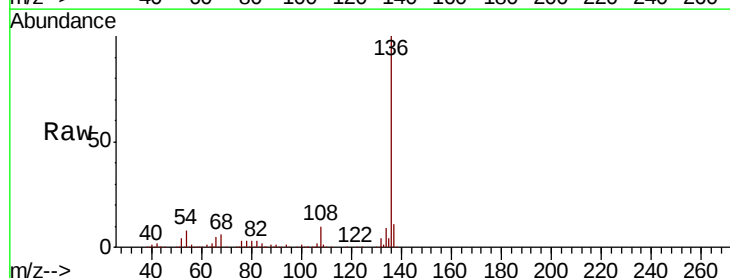
Instrument :
BNA_F
ClientSampleId :

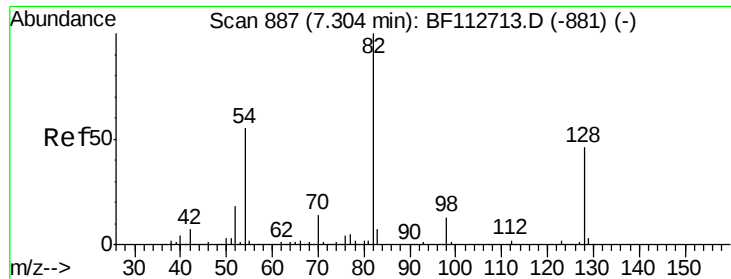
Tgt Ion: 70 Resp: 126412
Ion Ratio Lower Upper
70 100
42 47.4 49.9 74.9#
101 0.0 7.4 11.2#
130 2.3 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion: 136 Resp: 819270
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.3 7.3 10.9
68 6.2 5.4 8.2

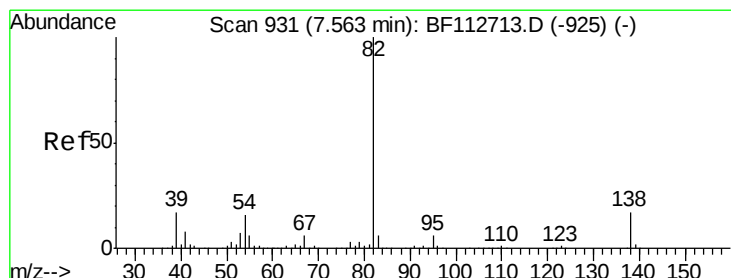
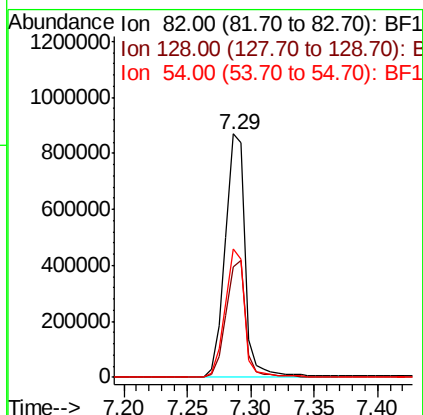
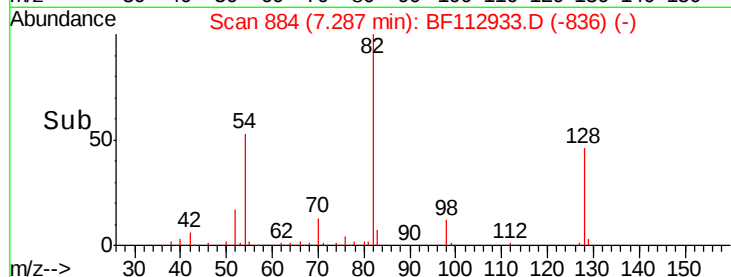
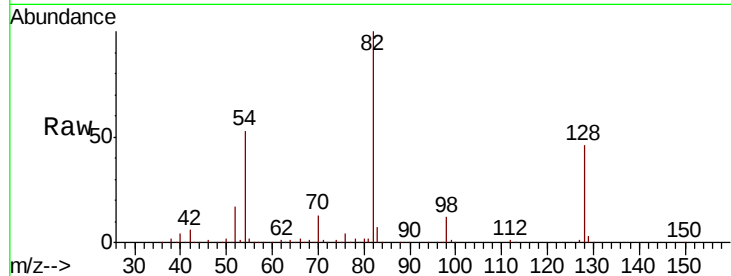




#23
Nitrobenzene-d5
Concen: 70.016 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

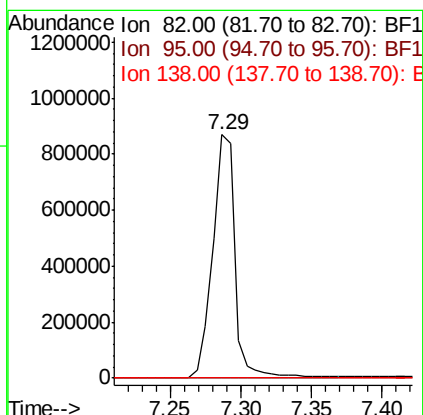
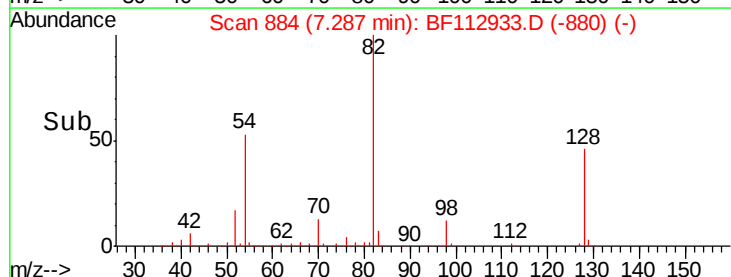
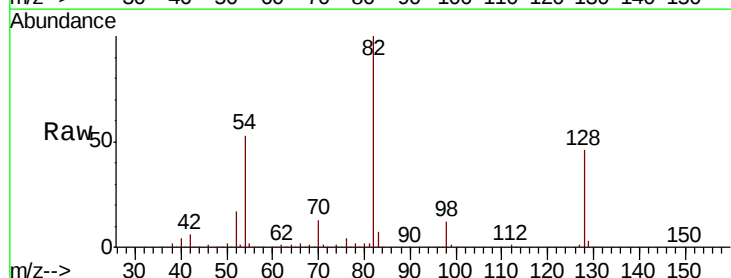
Instrument :
BNA_F
ClientSampled :

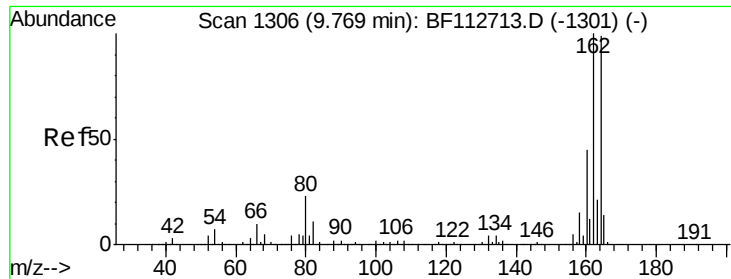
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	52.6	43.7	65.5



#25
Isophorone
Concen: 32.117 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

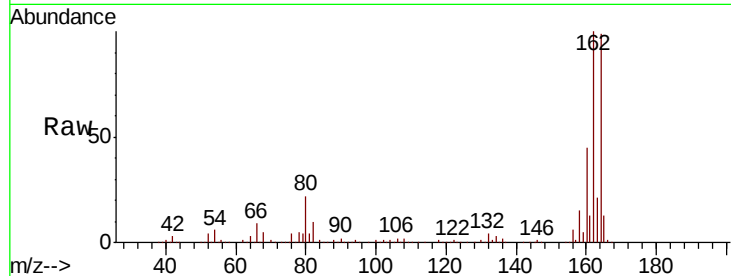




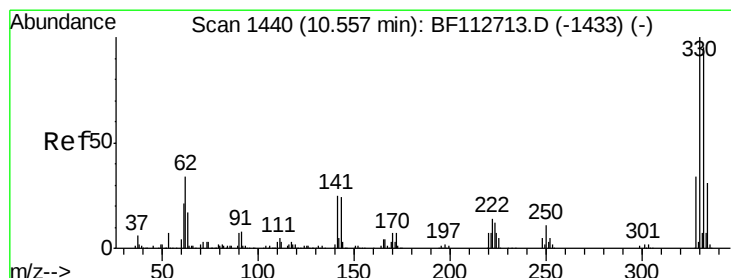
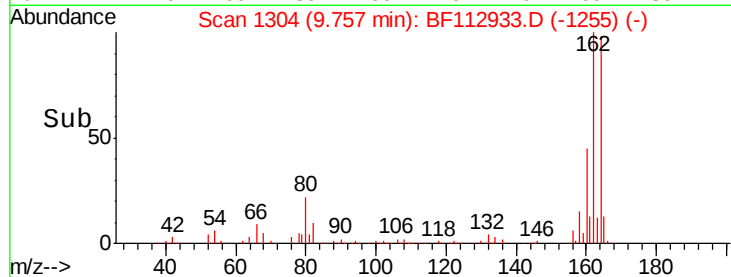
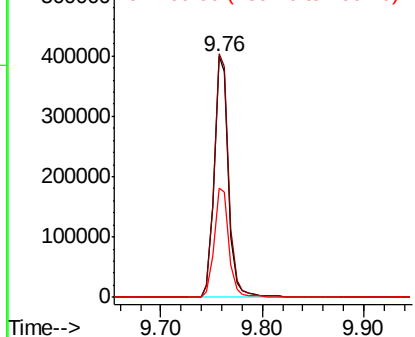
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:164 Resp: 391704
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 120.8
 160 45.5 36.0 54.0

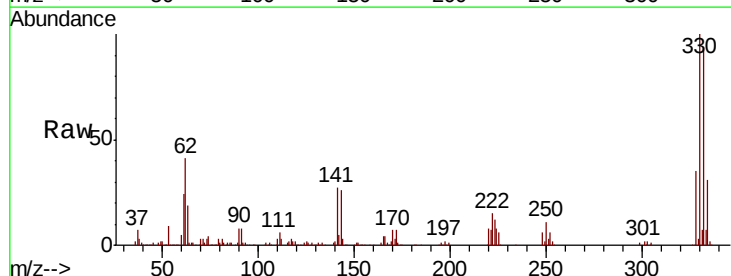


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

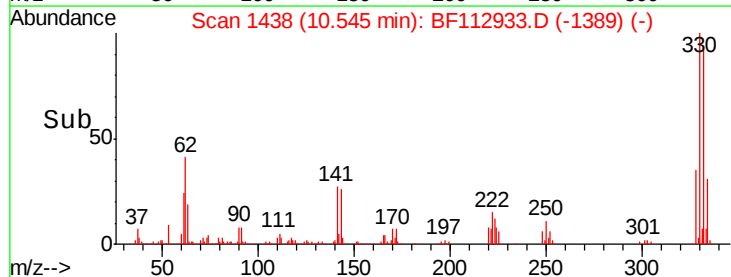
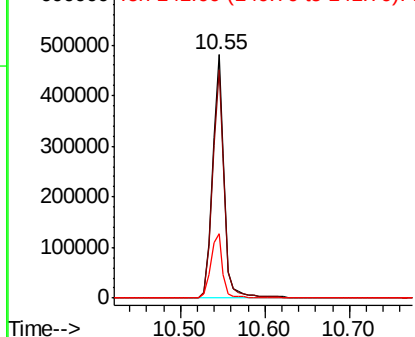


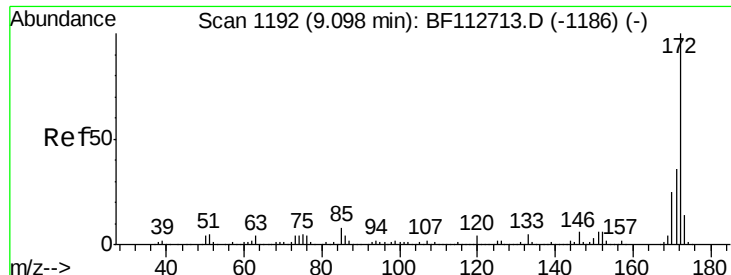
#42
 2,4,6-Tribromophenol
 Concen: 113.707 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Tgt Ion:330 Resp: 472843
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 27.8 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

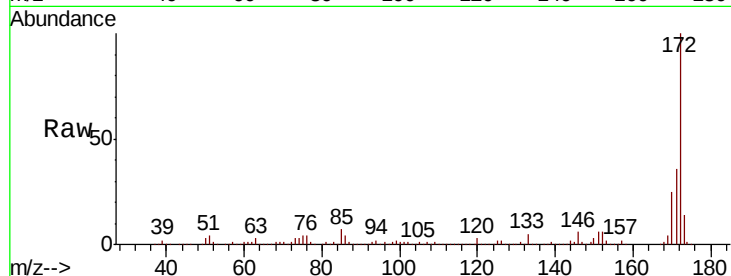




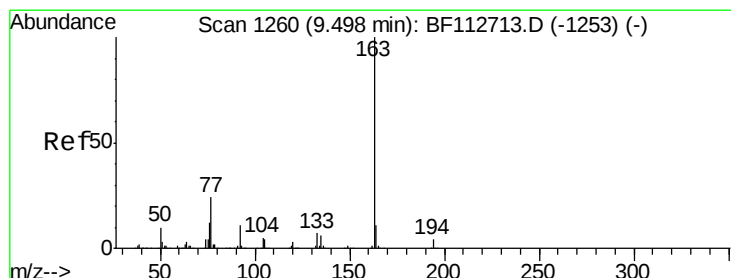
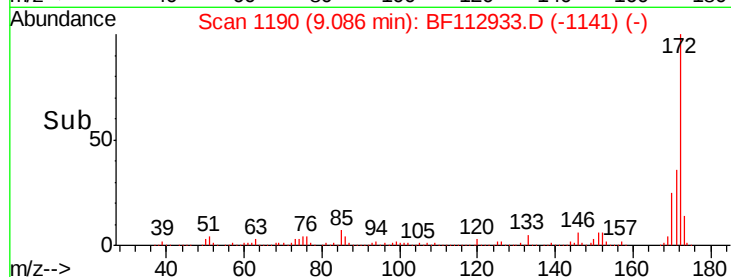
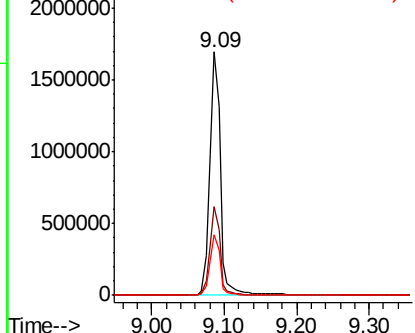
#45
 2-Fluorobiphenyl
 Concen: 70.026 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:172 Resp: 1734246
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.7 20.0 30.0

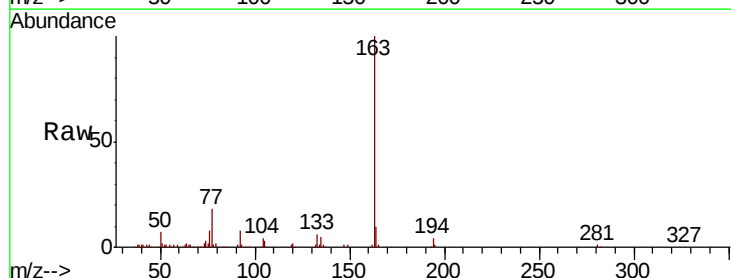


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

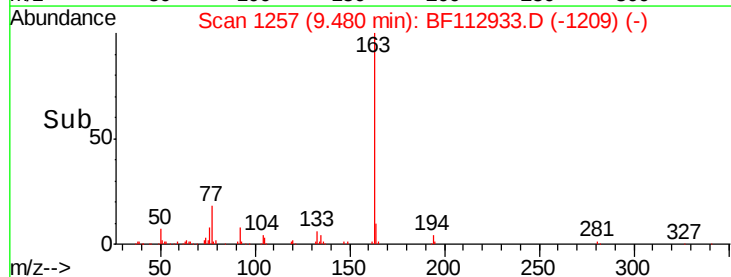
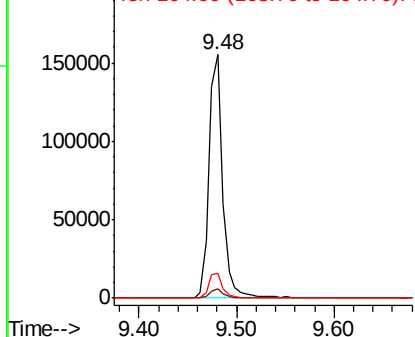


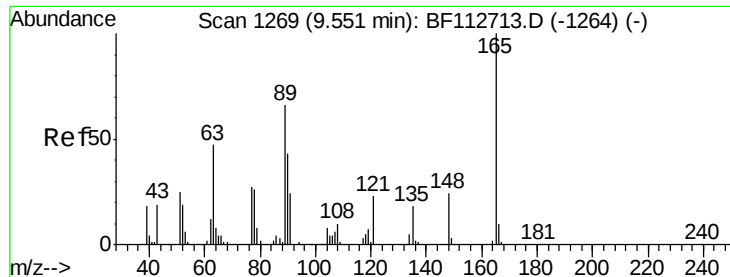
#50
 Dimethylphthalate
 Concen: 5.267 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Tgt Ion:163 Resp: 152131
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.4
 164 10.4 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

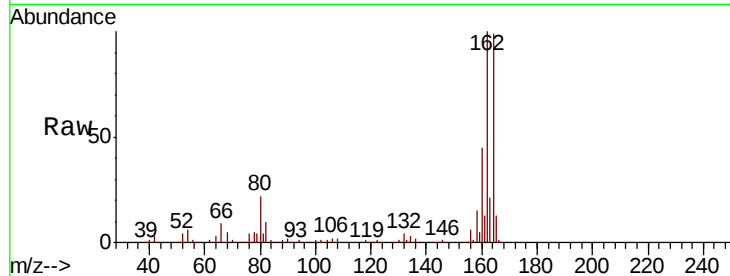




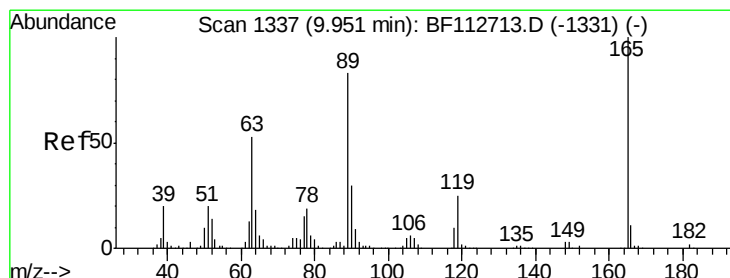
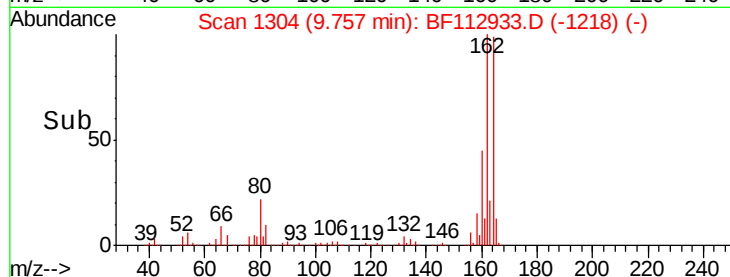
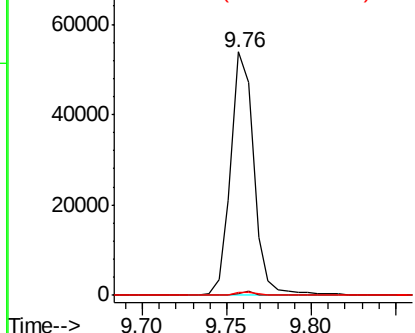
#51
2,6-Dinitrotoluene
Concen: 8.583 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51622
Ion Ratio Lower Upper
165 100
63 0.7 54.1 81.1#
89 1.0 52.8 79.2#

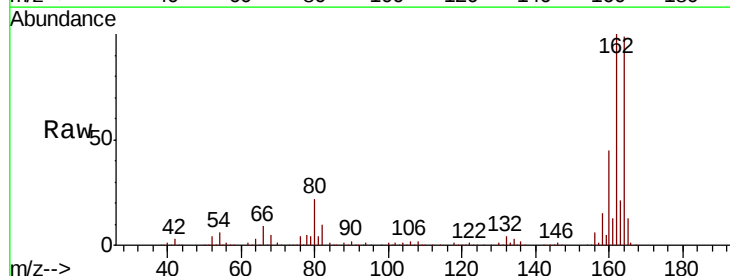


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

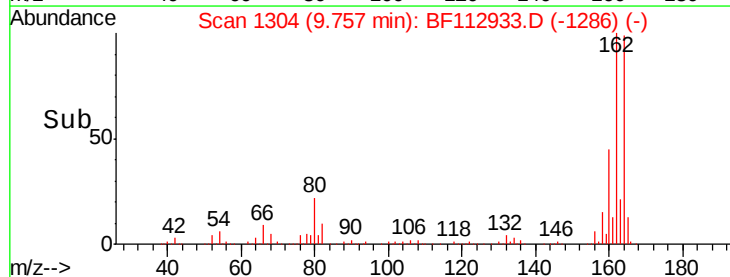
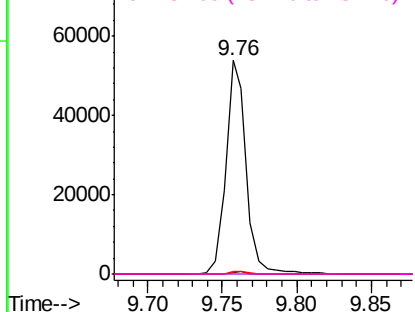


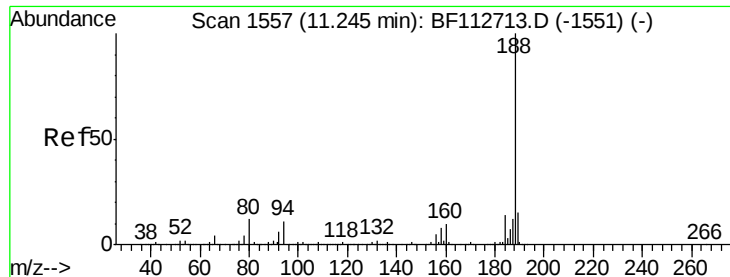
#57
2,4-Dinitrotoluene
Concen: 6.905 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:165 Resp: 51623
Ion Ratio Lower Upper
165 100
63 0.7 42.2 63.2#
89 1.0 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: BF112933.D

Acq: 7 Mar 2019 20:39

Instrument :

BNA_F

ClientSampleId :

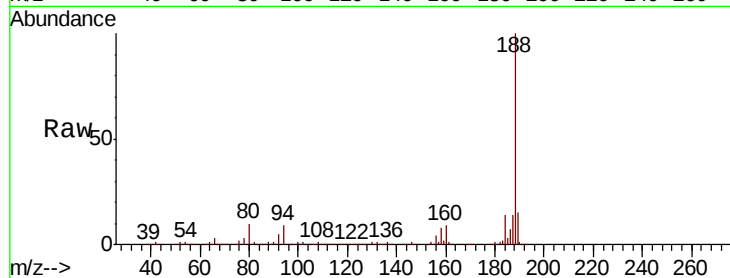
Tgt Ion:188 Resp: 794171

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

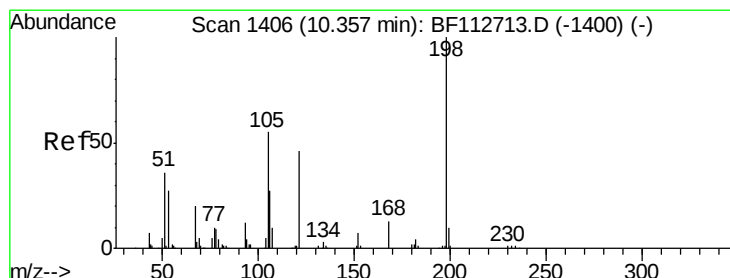
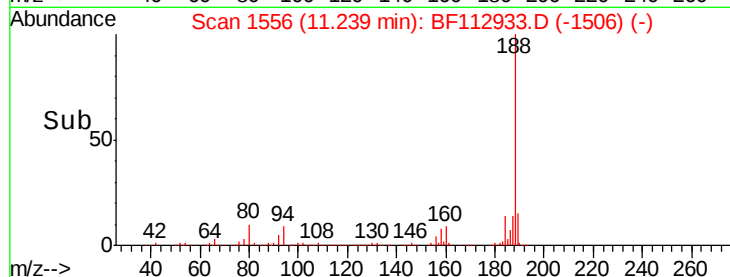
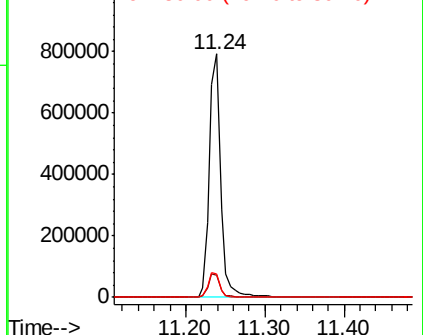
80 9.6 9.2 13.8



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: 4.813 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF112933.D

Acq: 7 Mar 2019 20:39

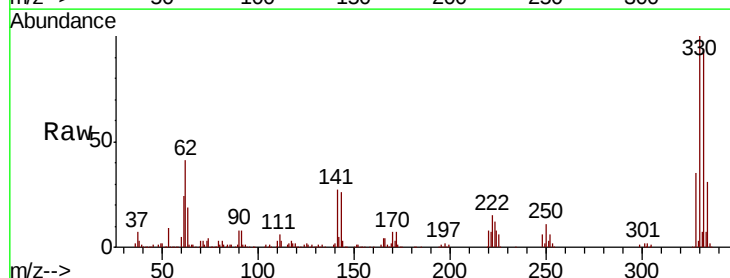
Tgt Ion:198 Resp: 724

Ion Ratio Lower Upper

198 100

51 175.1 43.8 83.8#

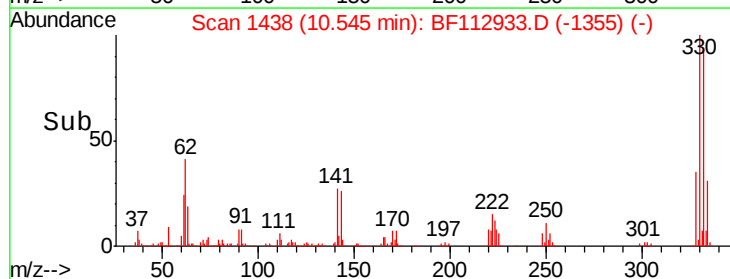
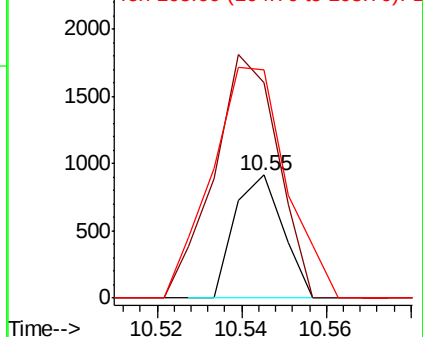
105 185.4 36.5 76.5#

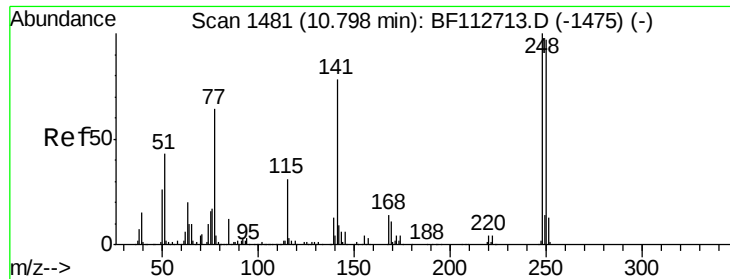


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

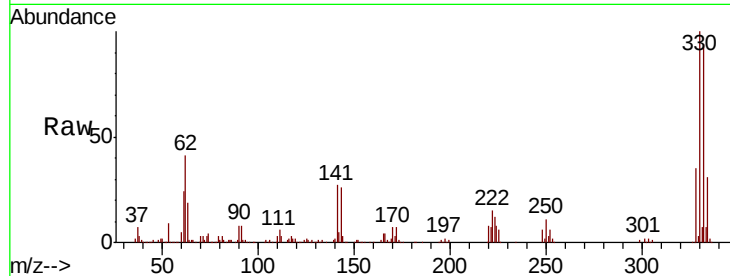




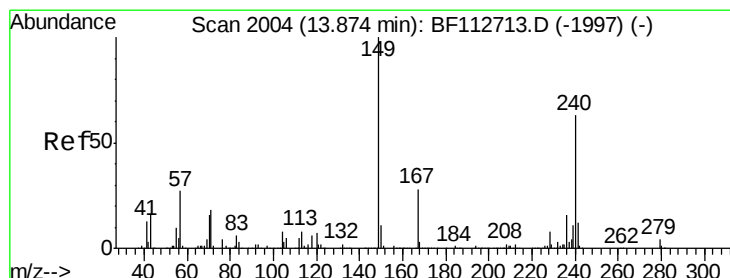
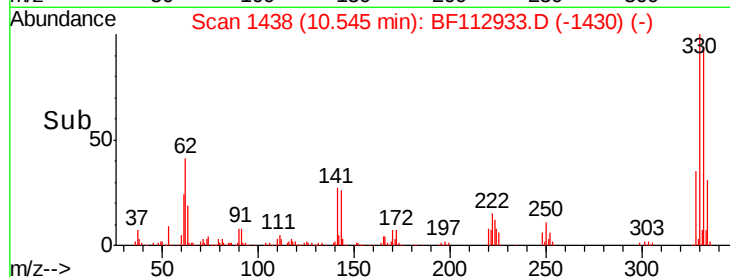
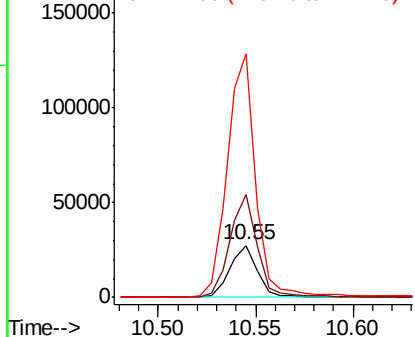
#67
4-Bromophenyl-phenylether
Concen: 3.161 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 26441
Ion Ratio Lower Upper
248 100
250 198.0 77.5 116.3#
141 467.8 62.4 93.6#

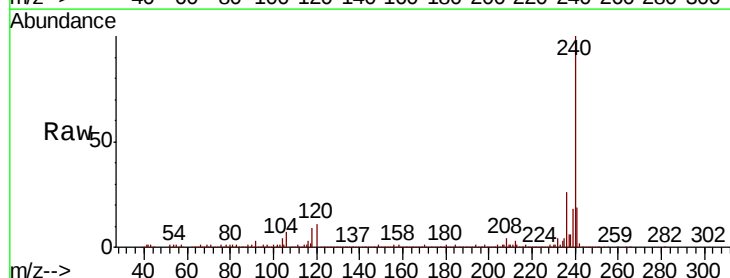


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

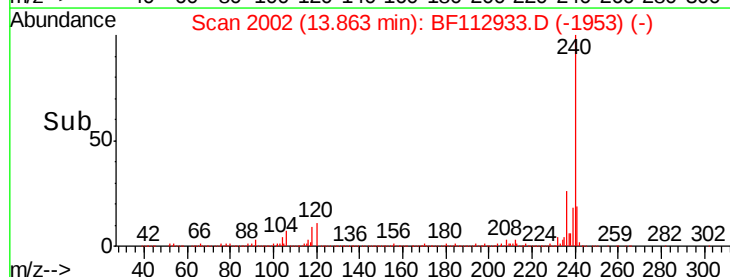
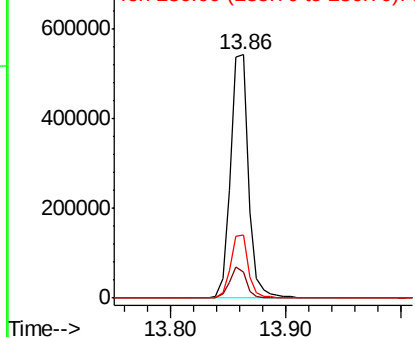


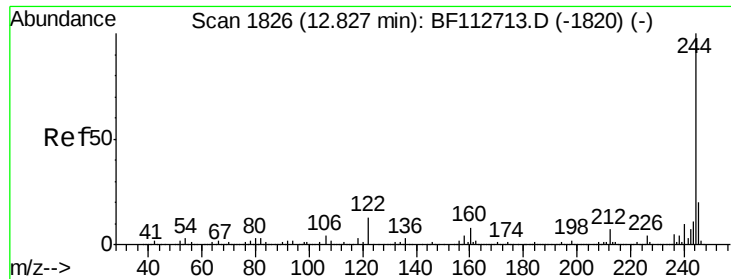
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:240 Resp: 583959
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.2 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

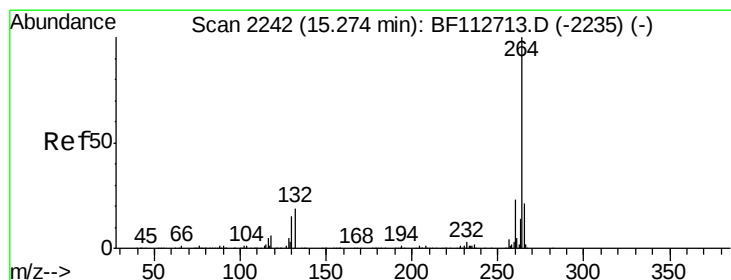
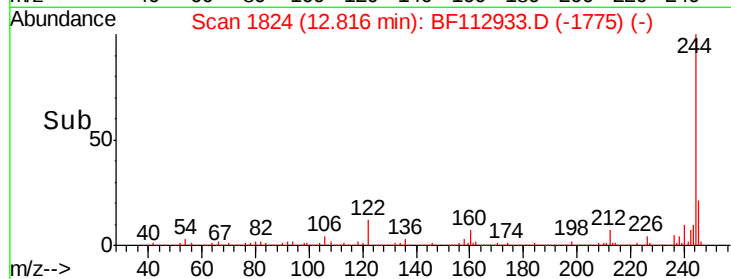
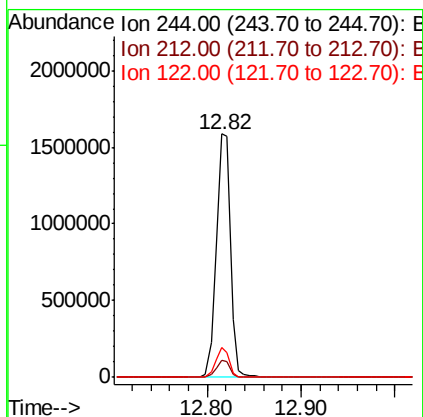
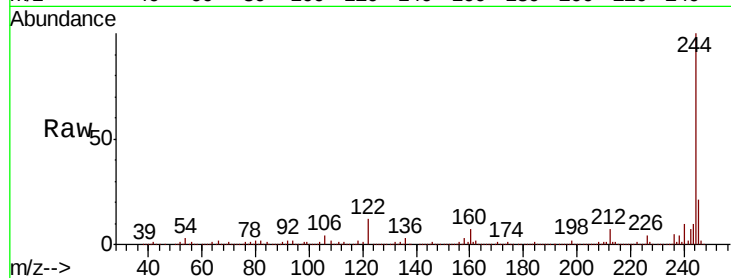




#79
 Terphenyl-d14
 Concen: 56.165 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112933.D
 Acq: 7 Mar 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 1691931
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.4 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: BF112933.D
 Acq: 7 Mar 2019 20:39

Tgt Ion:264 Resp: 595063
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.7 17.2 25.8

