

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112891.D
 Acq On : 6 Mar 2019 19:37
 Operator : JU/SJ
 Sample : K1707-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12

Quant Time: Mar 07 04:20:11 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

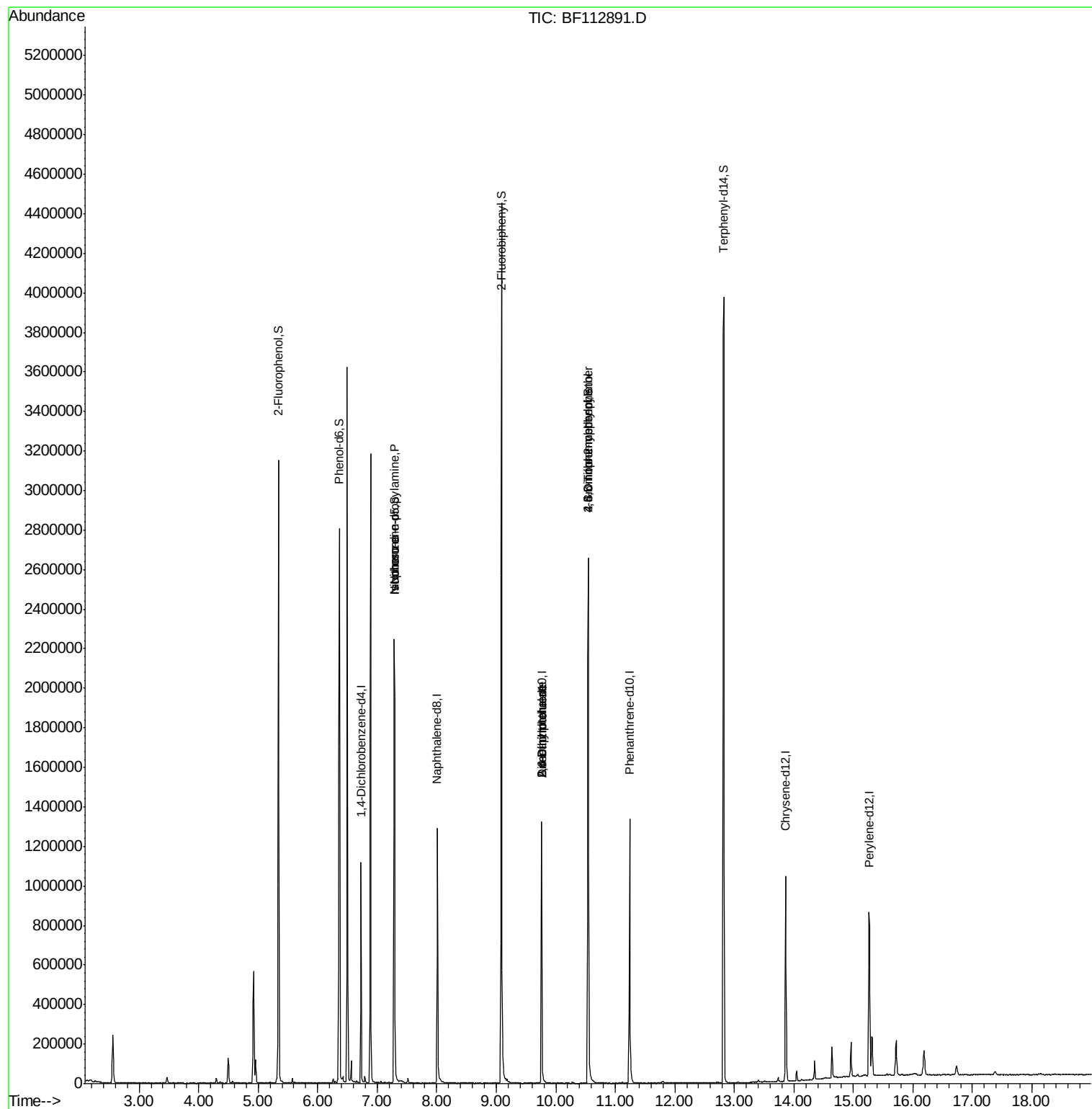
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	166754	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	643373	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	307785	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	607769	20.00	ng	0.00
76) Chrysene-d12	13.86	240	434655	20.00	ng	-0.01
87) Perylene-d12	15.26	264	436905	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	870965	81.25	ng	0.00
7) Phenol-d6	6.36	99	1026185	76.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	807834	75.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	388285	118.83	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1520939	80.81	ng	-0.01
79) Terphenyl-d14	12.82	244	1547236	69.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	104567	12.261	ng	# 77
25) Isophorone	7.29	82	798645	34.479	ng	# 66
50) Dimethylphthalate	9.76	163	79130	3.487	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	37642	7.965	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	37643	6.408	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	535	4.806	ng	# 7
67) 4-Bromophenyl-phenylether	10.55	248	21700	3.390	ng	# 1

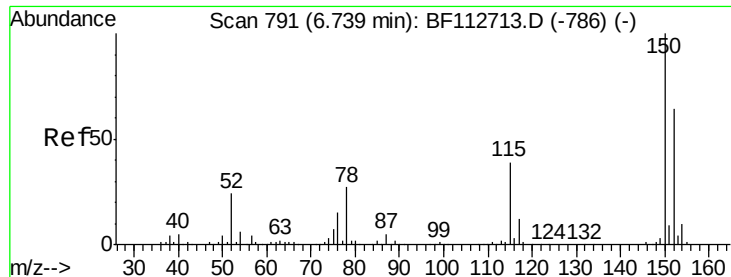
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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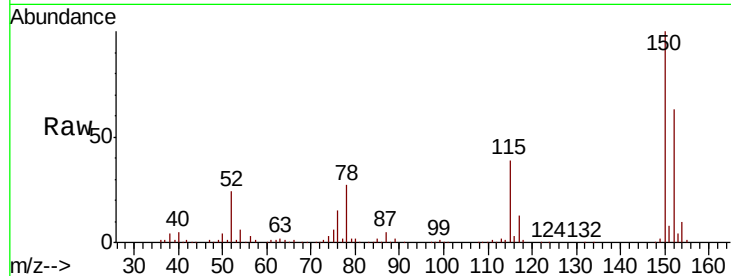




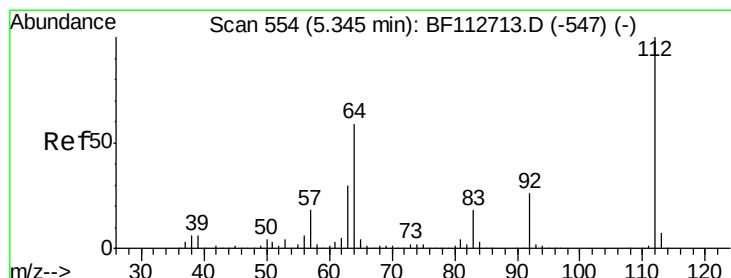
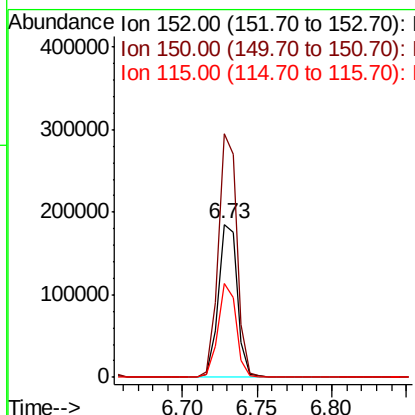
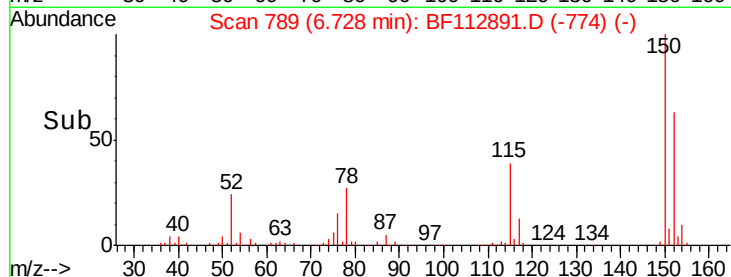
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112891.D
 Acq: 6 Mar 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 S12

Tgt Ion:152 Resp: 166754
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.2 186.2
 115 61.7 48.2 72.4

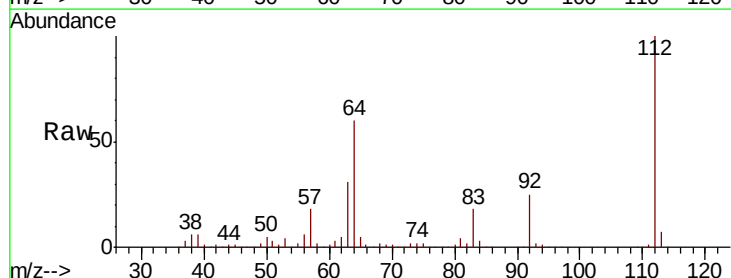


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

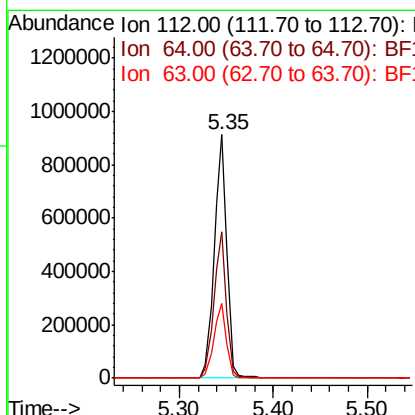
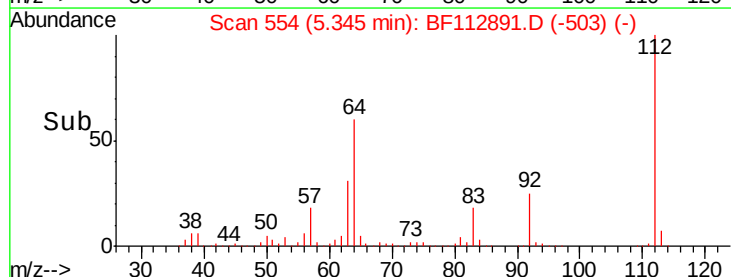


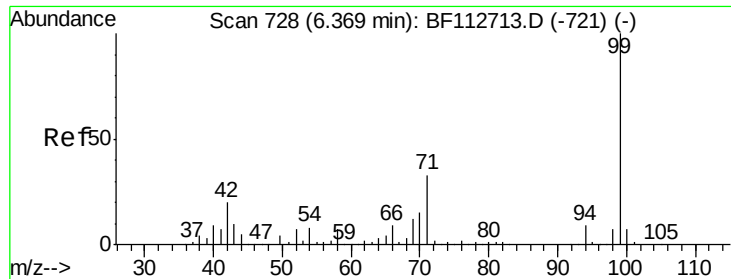
#5
 2-Fluorophenol
 Concen: 81.247 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF112891.D
 Acq: 6 Mar 2019 19:37

Tgt Ion:112 Resp: 870965
 Ion Ratio Lower Upper
 112 100
 64 60.3 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: 76.205 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112891.D

Acq: 6 Mar 2019 19:37

Instrument :

BNA_F

ClientSampleId :

S12

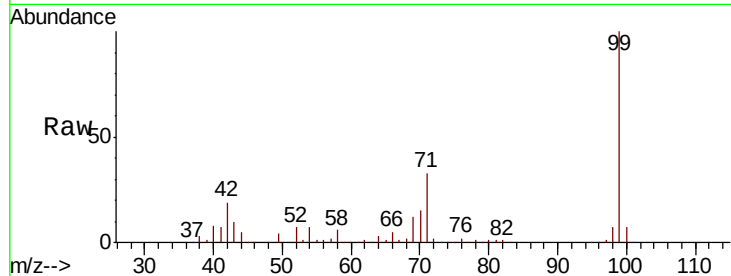
Tgt Ion: 99 Resp: 1026185

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

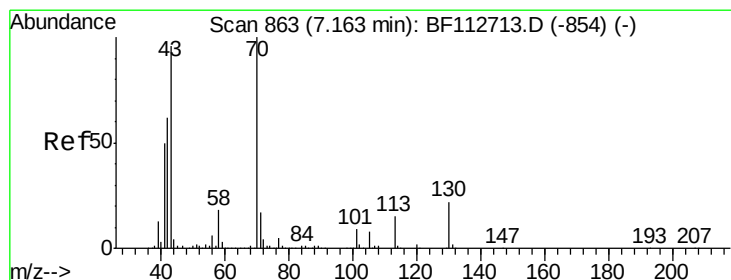
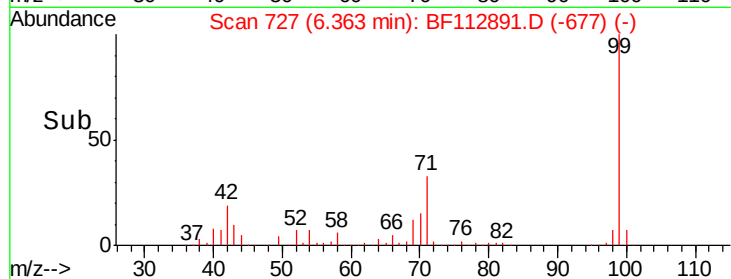
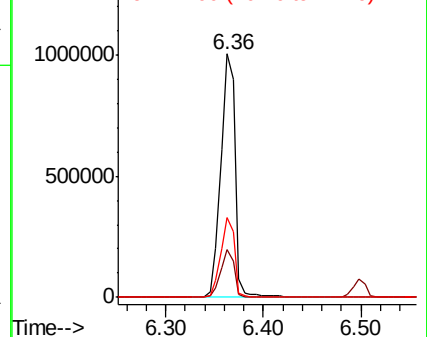
71 32.7 26.2 39.4



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: 12.261 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112891.D

Acq: 6 Mar 2019 19:37

Tgt Ion: 70 Resp: 104567

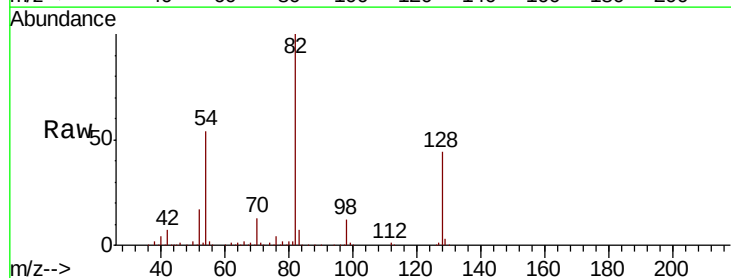
Ion Ratio Lower Upper

70 100

42 49.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

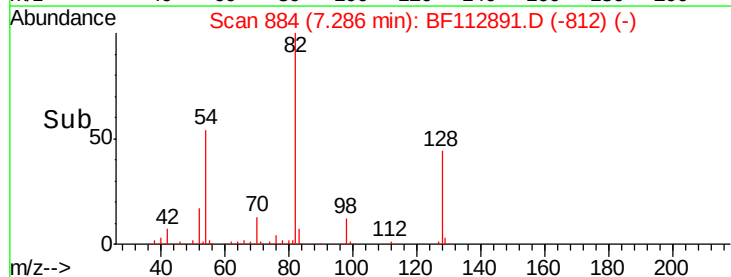
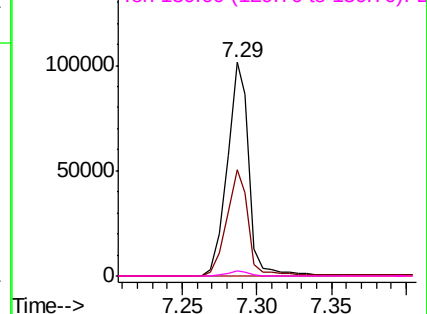


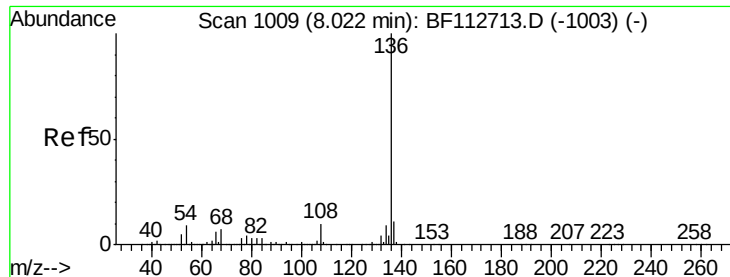
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

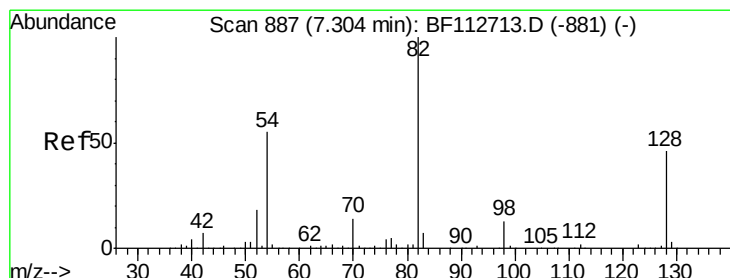
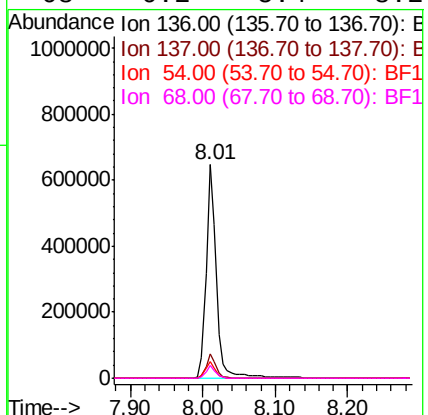
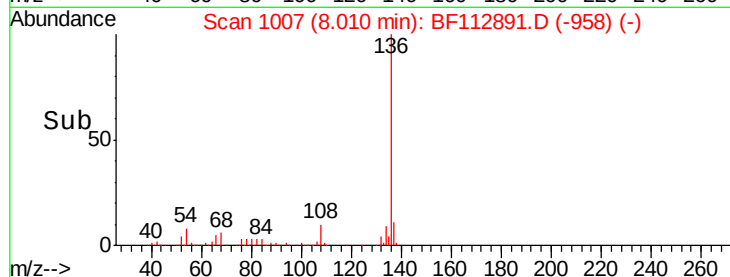
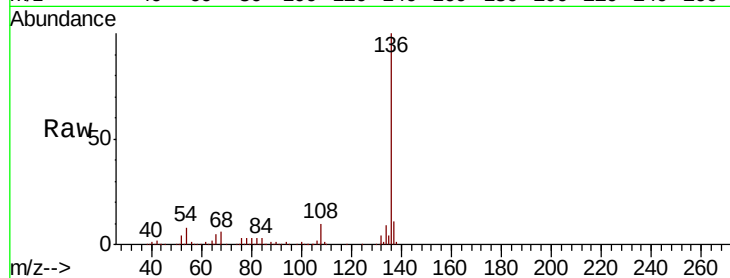




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

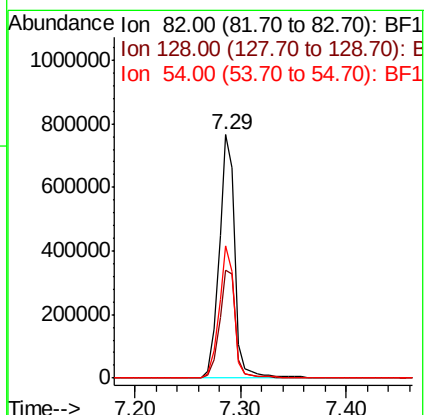
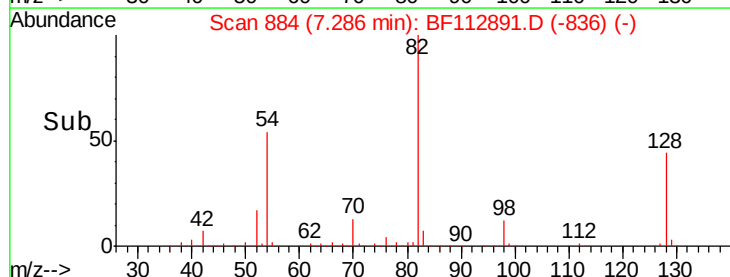
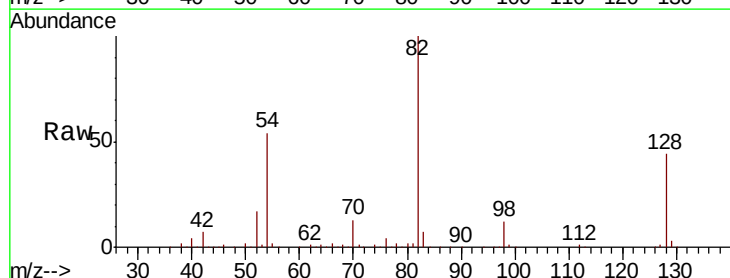
Instrument :
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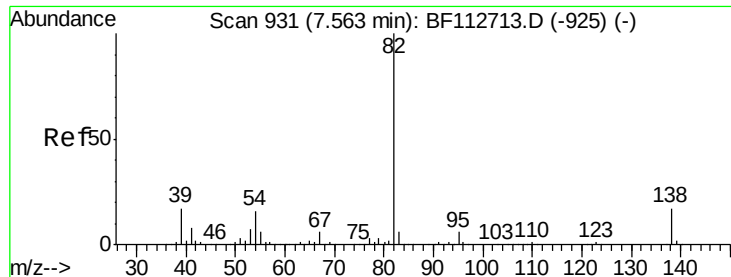
Tgt Ion:	136	Resp:	643373
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	7.3	10.9
68	6.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 75.134 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

Tgt Ion:	82	Resp:	807834
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.3	54.5
54	54.2	43.7	65.5

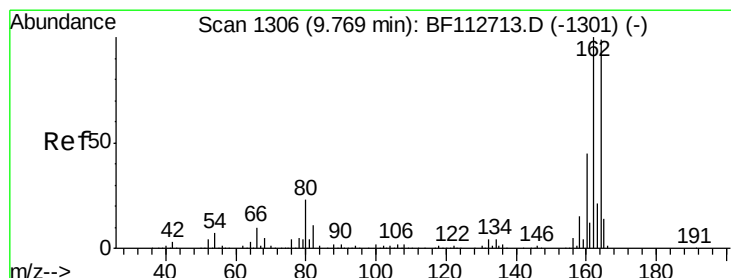
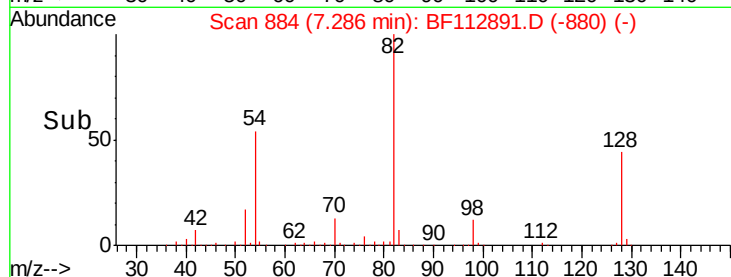
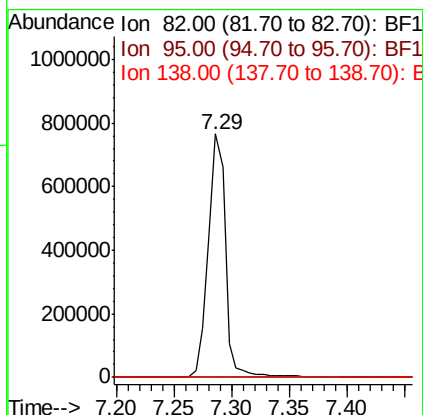
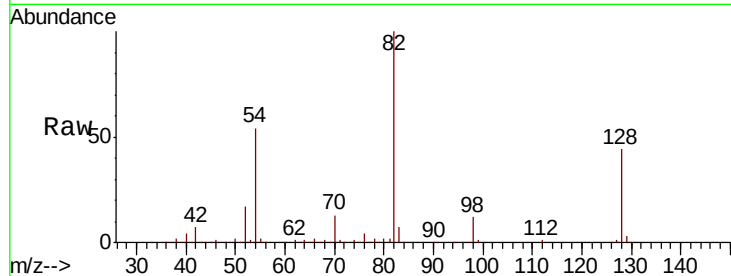




#25
Isophorone
Concen: 34.479 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

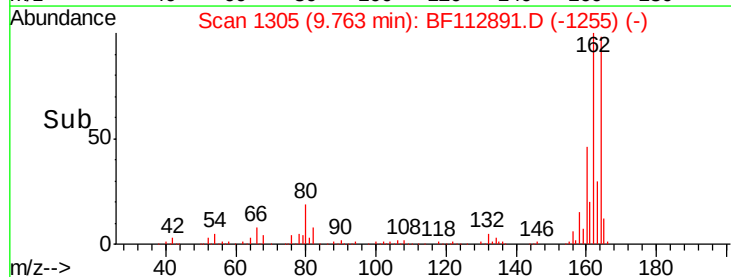
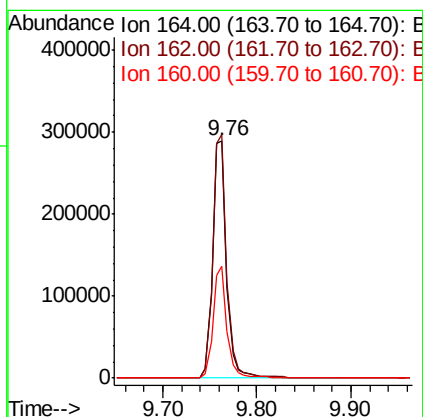
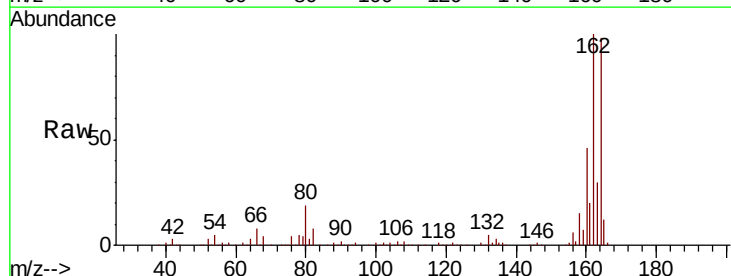
Instrument :
BNA_F
ClientSampled :
S12

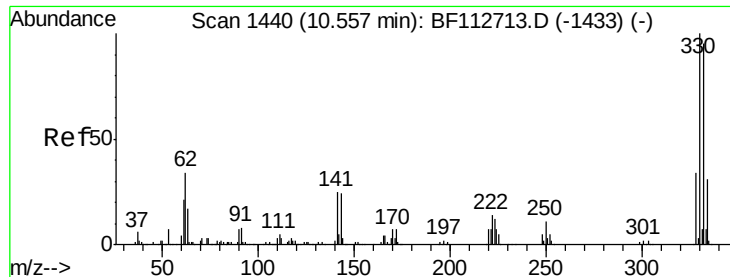
Tgt Ion: 82 Resp: 798645
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

Tgt Ion: 164 Resp: 307785
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.8 36.0 54.0

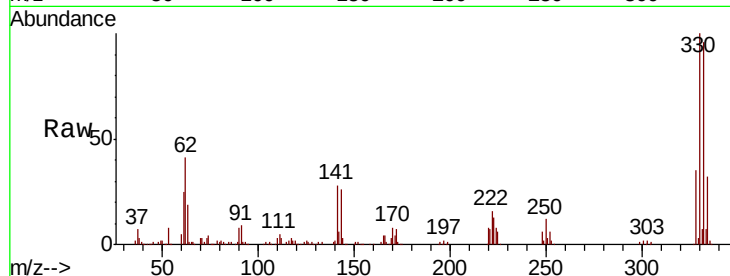




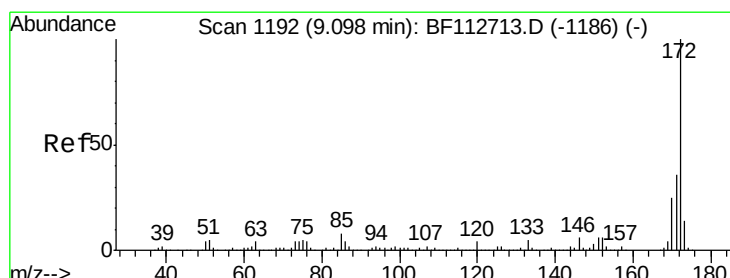
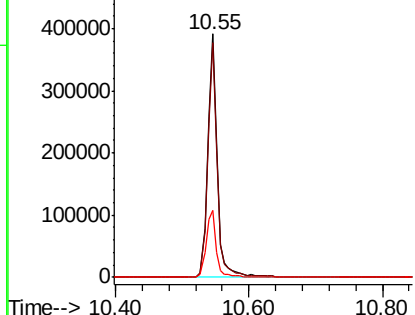
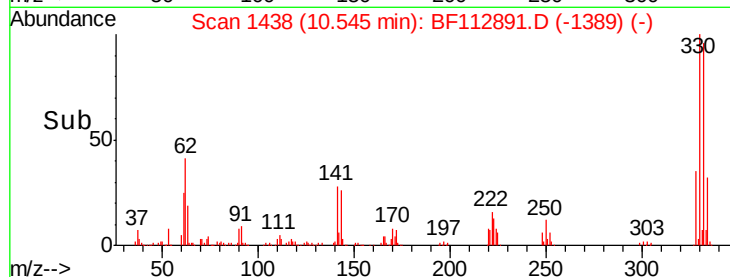
#42
 2,4,6-Tribromophenol
 Concen: 118.832 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112891.D
 Acq: 6 Mar 2019 19:37

Instrument :
 BNA_F
 ClientSampled :
 S12

Tgt Ion:330 Resp: 388285
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 29.3 27.0 40.6

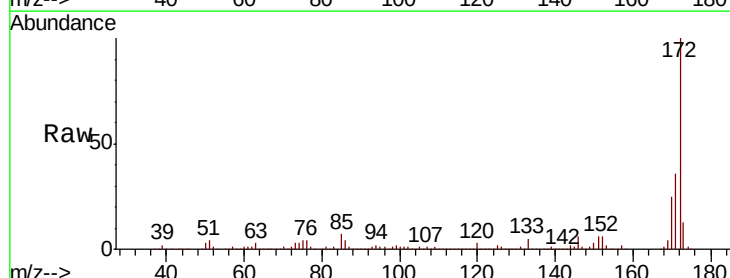


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

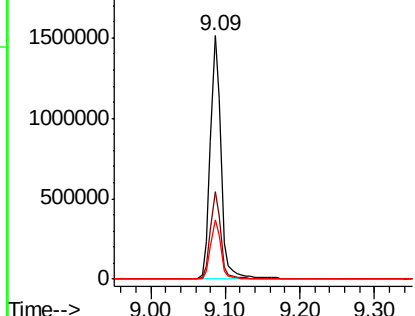
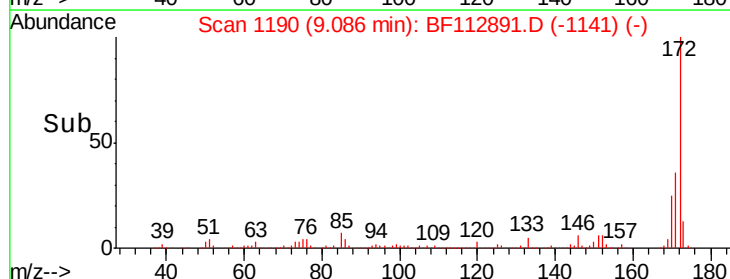


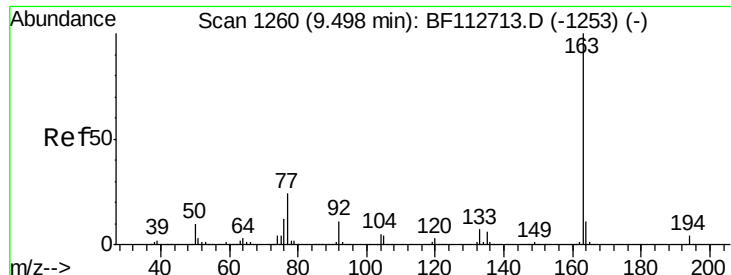
#45
 2-Fluorobiphenyl
 Concen: 80.814 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112891.D
 Acq: 6 Mar 2019 19:37

Tgt Ion:172 Resp: 1520939
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

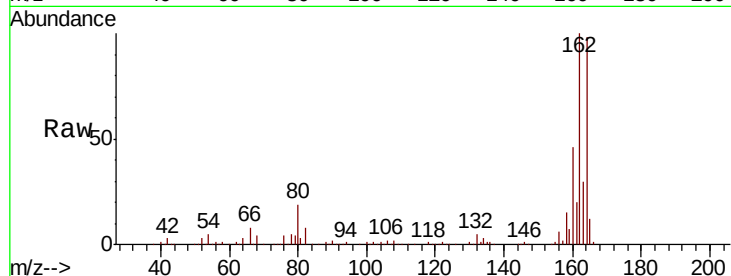




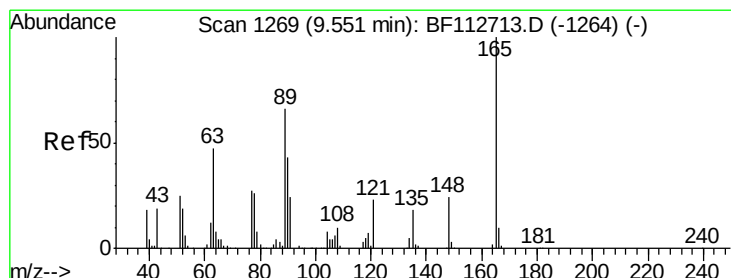
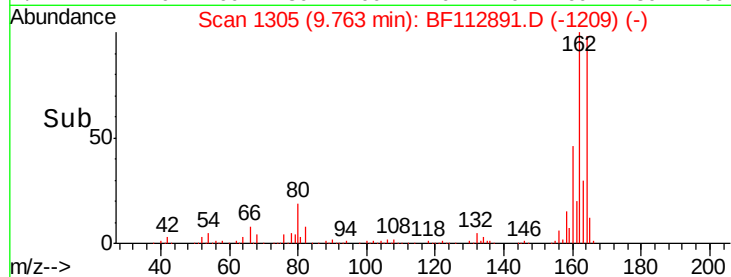
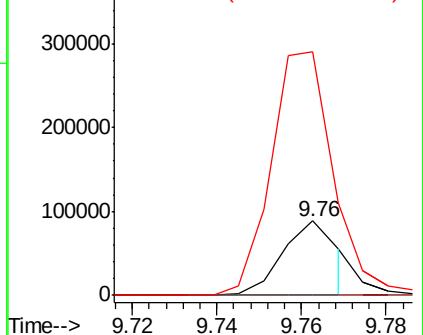
#50
Dimethylphthalate
Concen: 3.487 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:163 Resp: 79130
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 328.0 8.4 12.6#

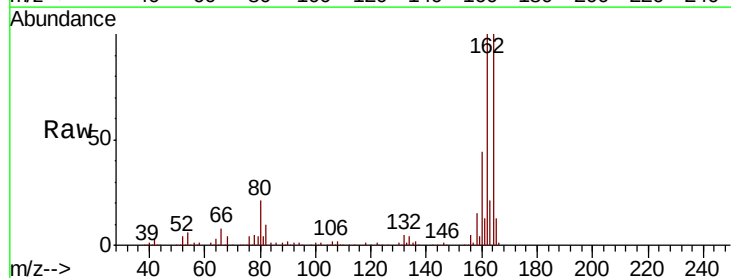


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

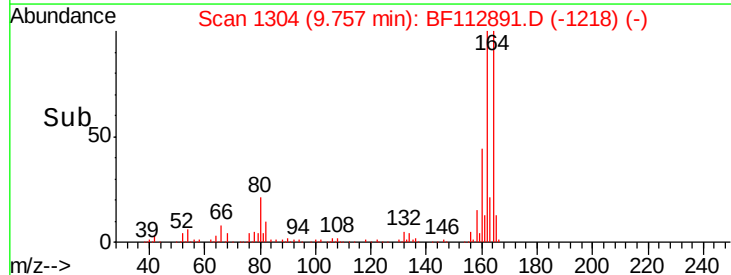
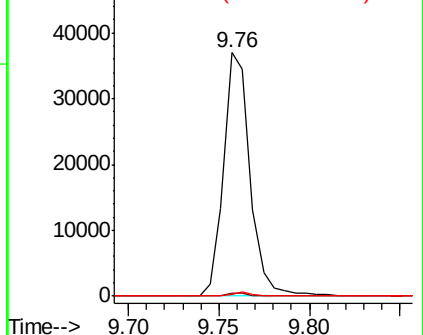


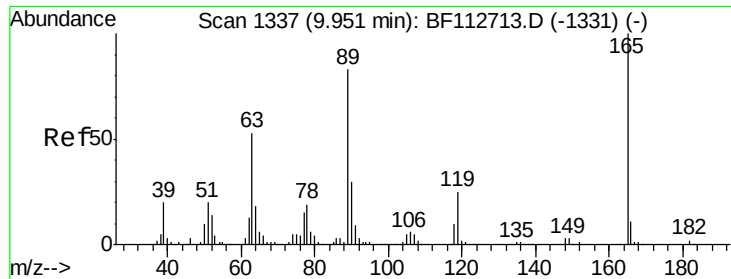
#51
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

Tgt Ion:165 Resp: 37642
Ion Ratio Lower Upper
165 100
63 1.1 54.1 81.1#
89 0.9 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

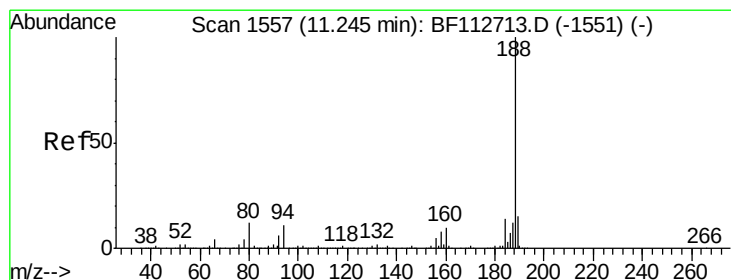
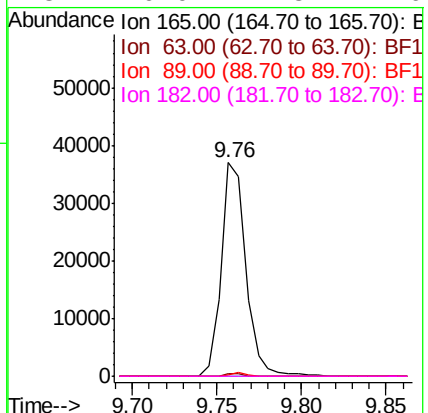
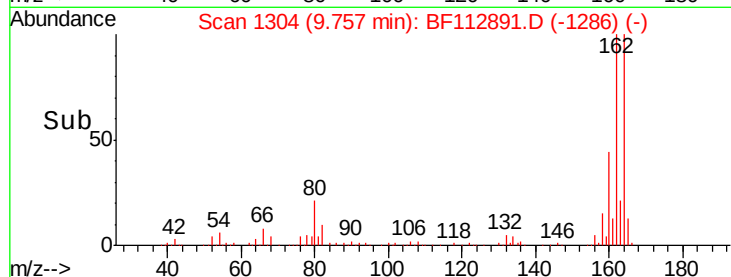
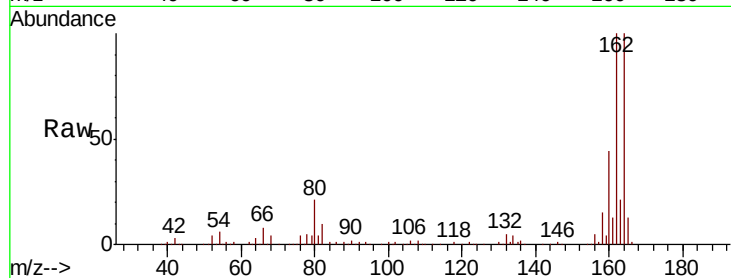




#57
2,4-Dinitrotoluene
Concen: 6.408 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

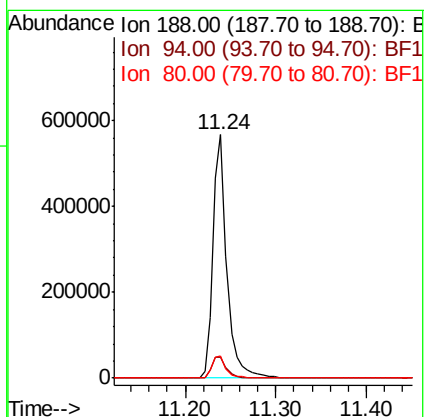
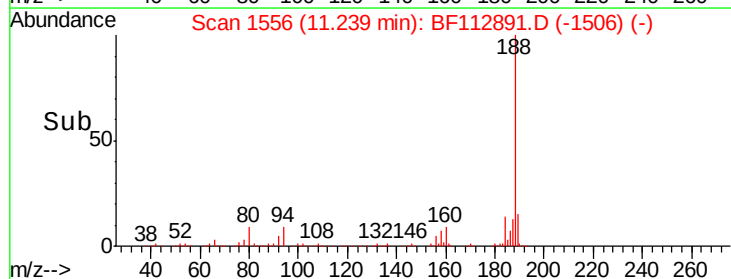
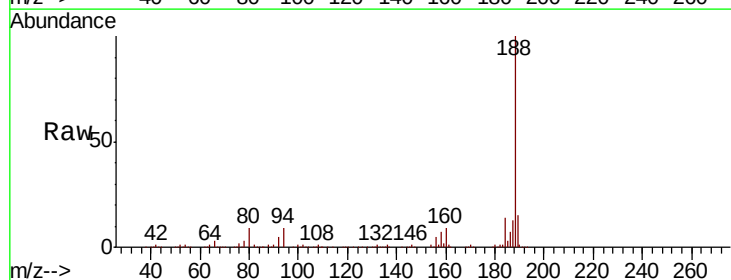
Instrument :
BNA_F
ClientSampled :
S12

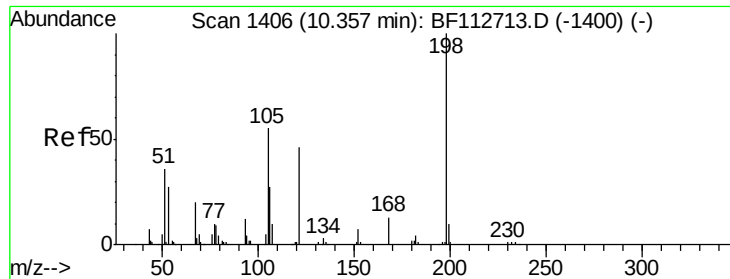
Tgt Ion:	165	Resp:	37643
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	0.9	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112891.D
Acq: 6 Mar 2019 19:37

Tgt Ion:	188	Resp:	607769
Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.9	9.2	13.8#

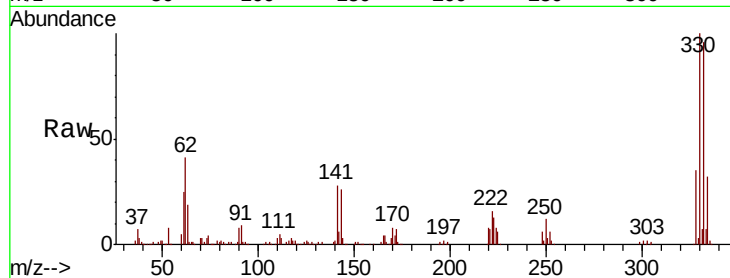




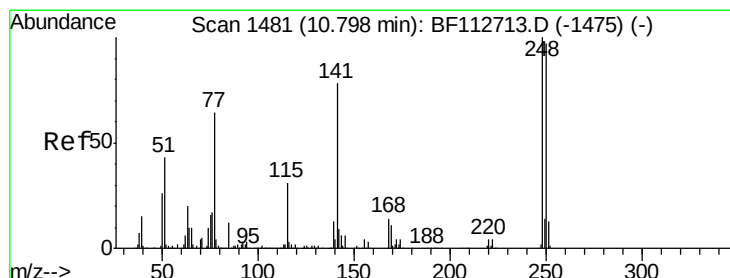
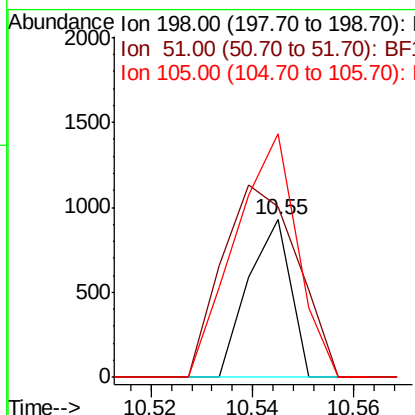
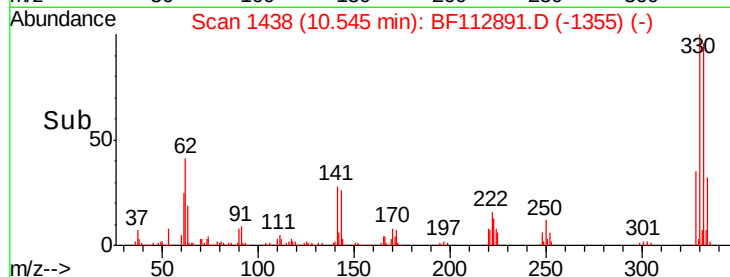
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.806 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112891.D
 Acq: 6 Mar 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 S12

Tgt Ion:198 Resp: 535
 Ion Ratio Lower Upper
 198 100
 51 108.5 43.8 83.8#
 105 154.6 36.5 76.5#

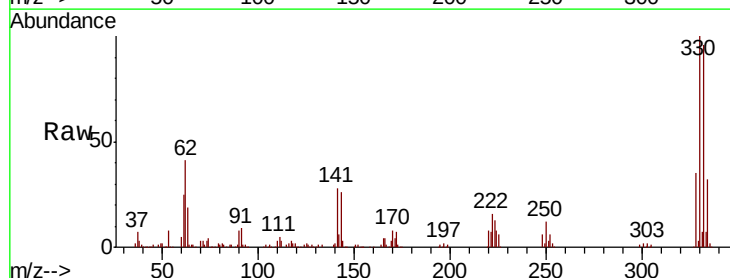


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

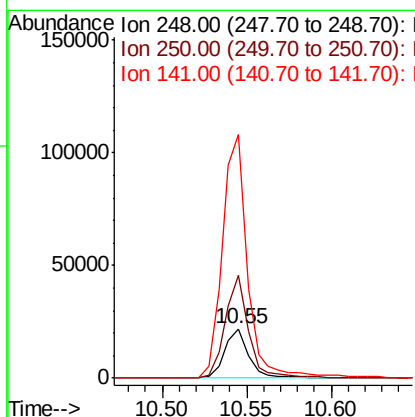
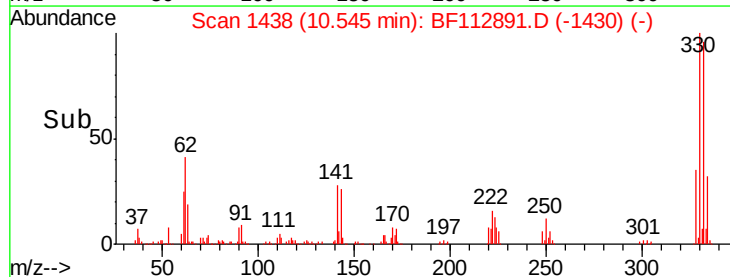


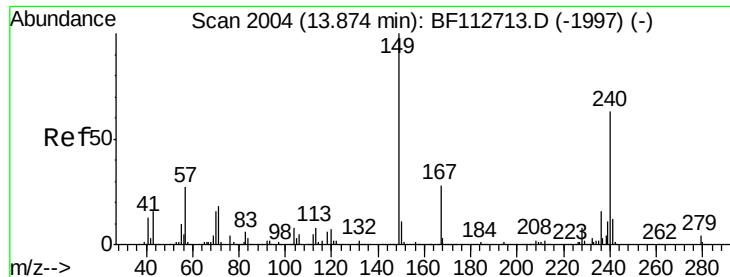
#67
 4-Bromophenyl-phenylether
 Concen: 3.390 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112891.D
 Acq: 6 Mar 2019 19:37

Tgt Ion:248 Resp: 21700
 Ion Ratio Lower Upper
 248 100
 250 208.6 77.5 116.3#
 141 494.2 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: BF112891.D

Acq: 6 Mar 2019 19:37

Instrument :

BNA_F

ClientSampleId :

S12

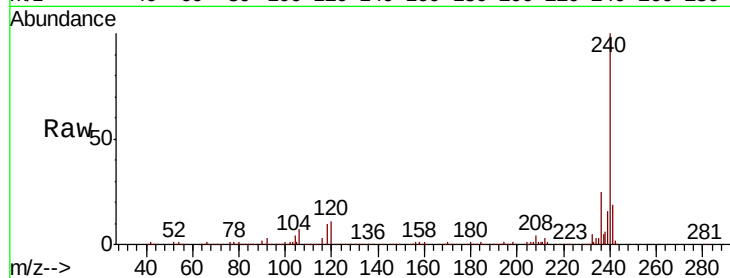
Tgt Ion:240 Resp: 434655

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

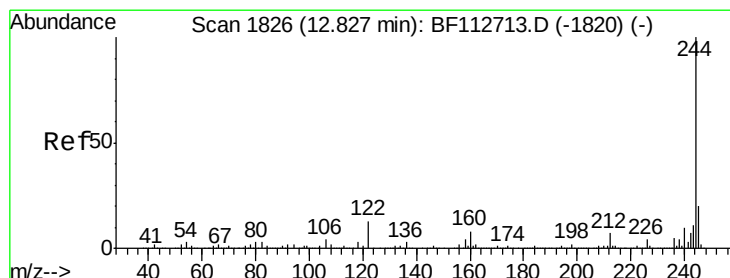
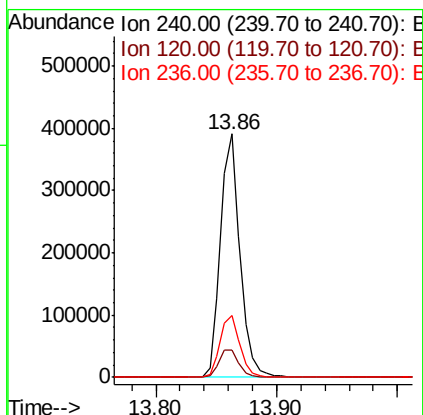
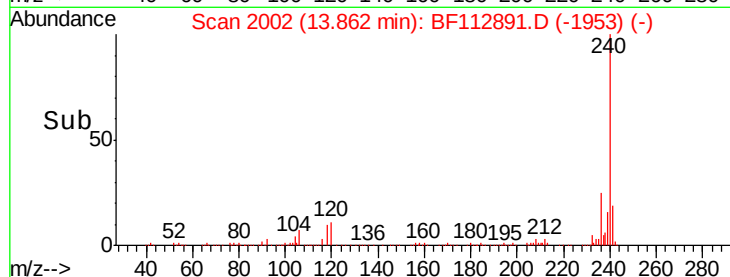
236 25.2 20.7 31.1



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: 69.004 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112891.D

Acq: 6 Mar 2019 19:37

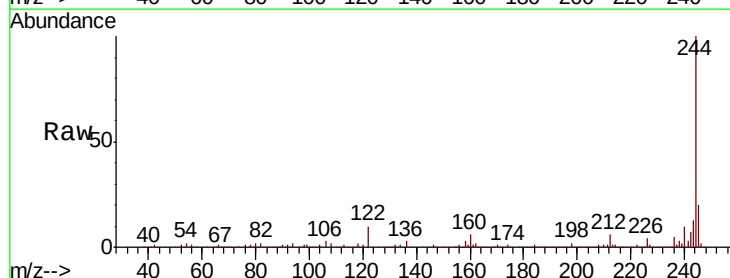
Tgt Ion:244 Resp: 1547236

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

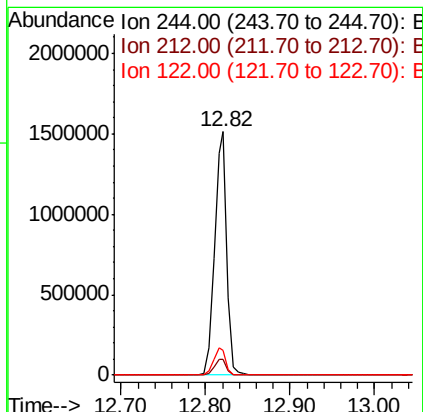
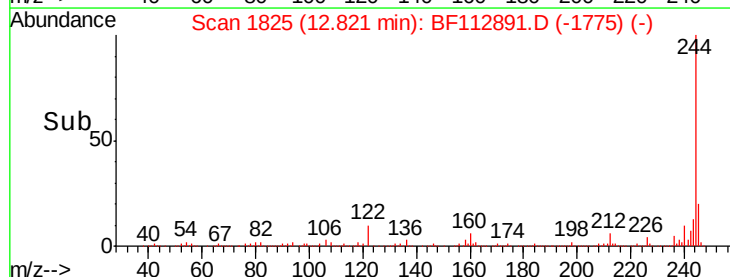
122 10.2 10.5 15.7#

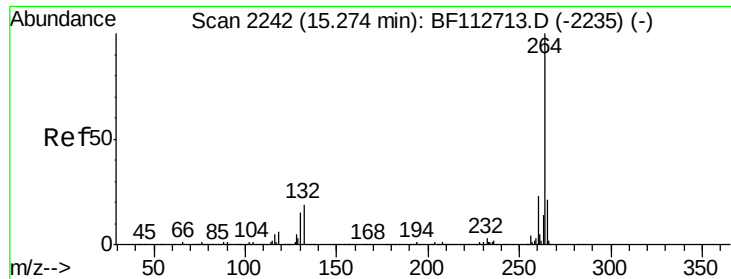


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF112891.D
Acq: 6 Mar 2019 19:37

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion: 264 Resp: 436905
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.6 17.2 25.8

