

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112893.D
 Acq On : 6 Mar 2019 20:33
 Operator : JU/SJ
 Sample : PB117655BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BL

Quant Time: Mar 07 04:20:36 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

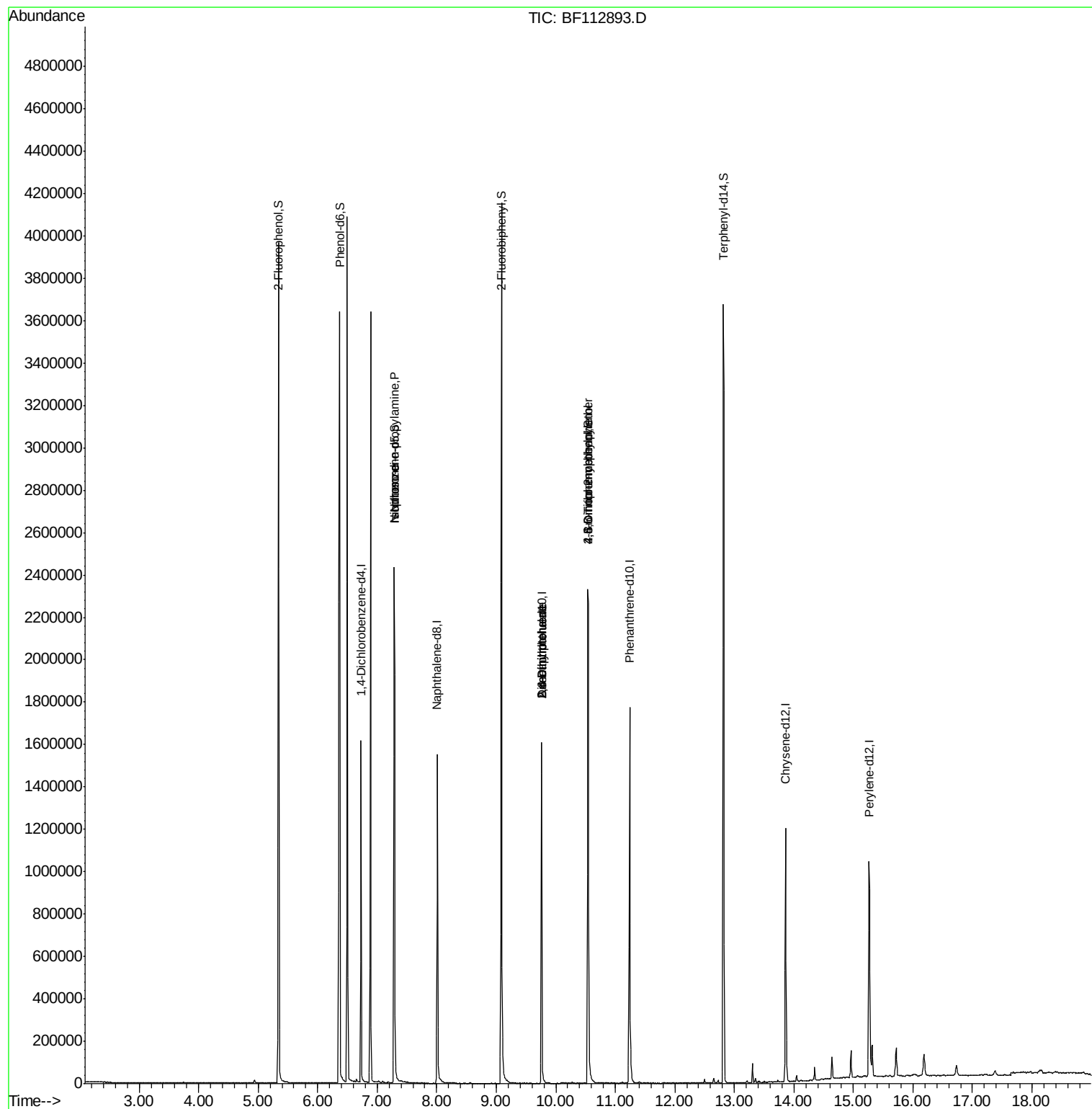
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	240744	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	782077	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	369373	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	842576	20.00	ng	0.00
76) Chrysene-d12	13.86	240	515834	20.00	ng	-0.01
87) Perylene-d12	15.26	264	526387	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1133801	73.26	ng	0.00
7) Phenol-d6	6.37	99	1451483	74.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	887503	67.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	373007	95.12	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1443675	59.90	ng	-0.01
79) Terphenyl-d14	12.82	244	1394580	52.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	115580	9.387	ng	# 76
25) Isophorone	7.29	82	869143	30.868	ng	# 66
50) Dimethylphthalate	9.76	163	98018	3.599	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	47147	8.313	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	47147	6.688	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	664	4.786	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20768	2.340	ng	# 1

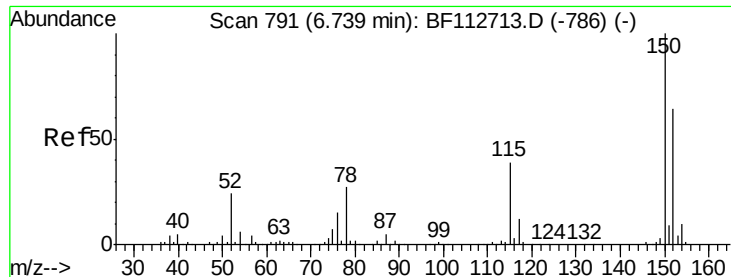
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 15:40:43 2019
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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: BF112893.D

Acq: 6 Mar 2019 20:33

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BNA_F

ClientSampleId :

PB117655BL

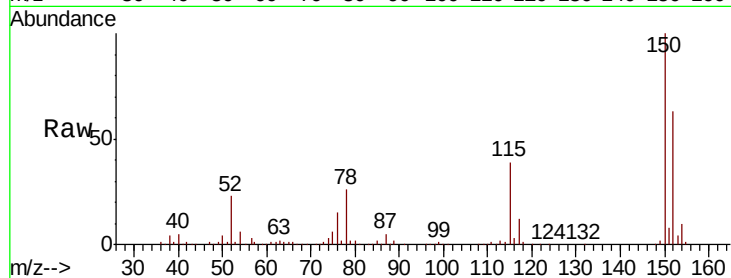
Tgt Ion:152 Resp: 240744

Ion Ratio Lower Upper

152 100

150 158.4 124.2 186.2

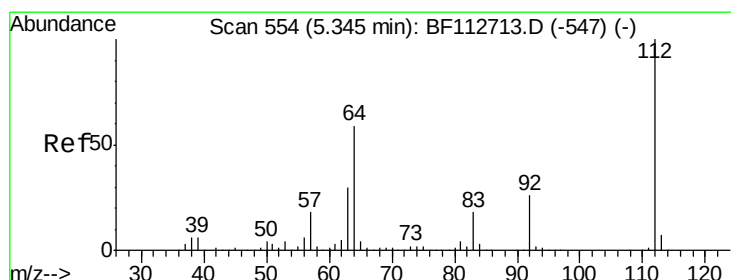
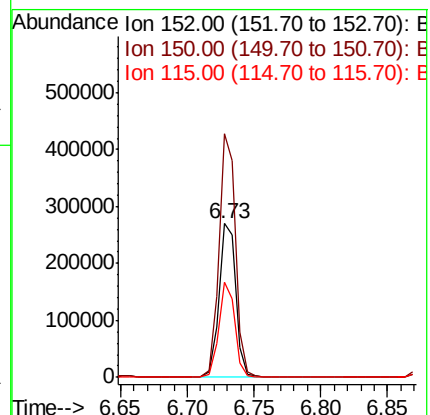
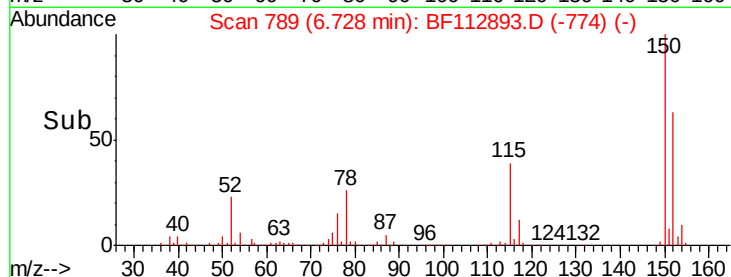
115 61.6 48.2 72.4



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: 73.259 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

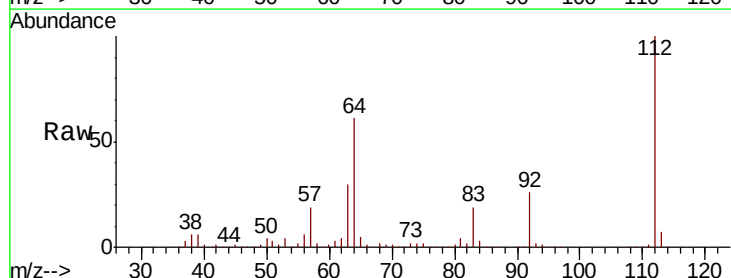
Tgt Ion:112 Resp: 1133801

Ion Ratio Lower Upper

112 100

64 60.6 47.6 71.4

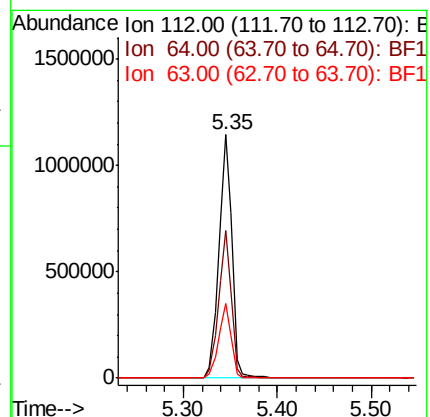
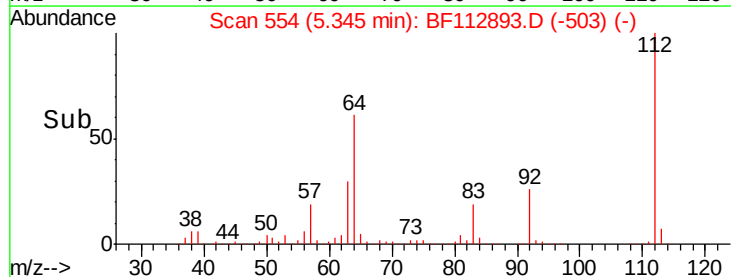
63 30.5 24.4 36.6

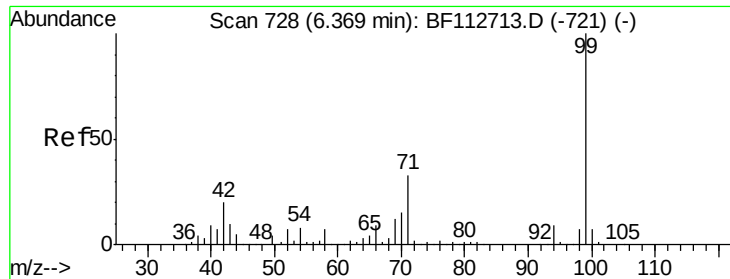


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.661 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

PB117655BL

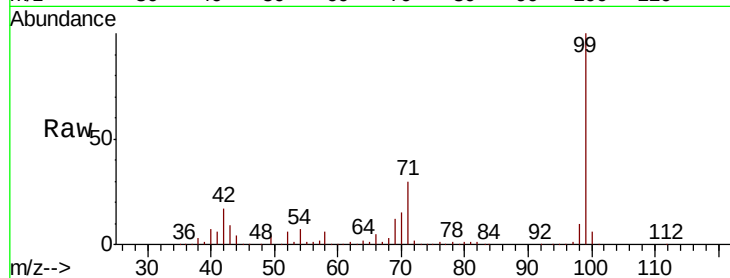
Tgt Ion: 99 Resp: 1451483

Ion Ratio Lower Upper

99 100

42 17.3 16.3 24.5

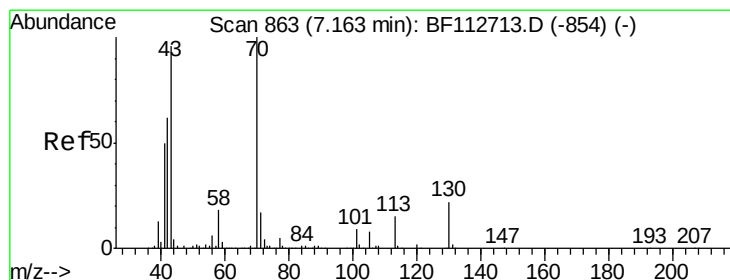
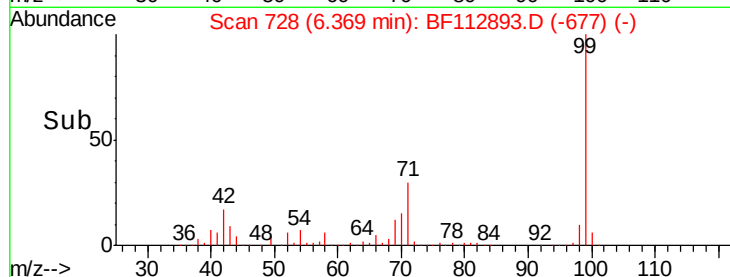
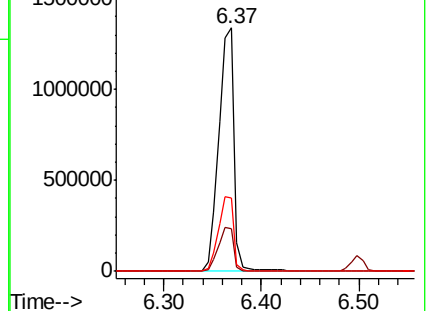
71 30.4 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.387 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

Tgt Ion: 70 Resp: 115580

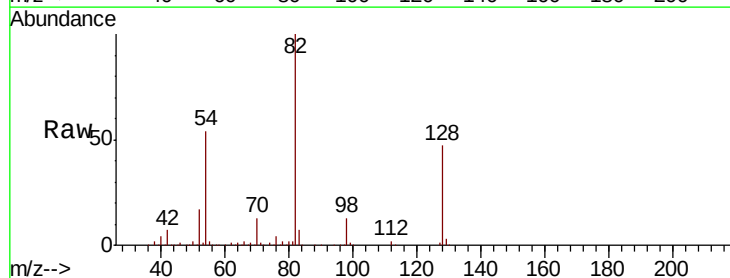
Ion Ratio Lower Upper

70 100

42 48.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.1 17.4 26.2#

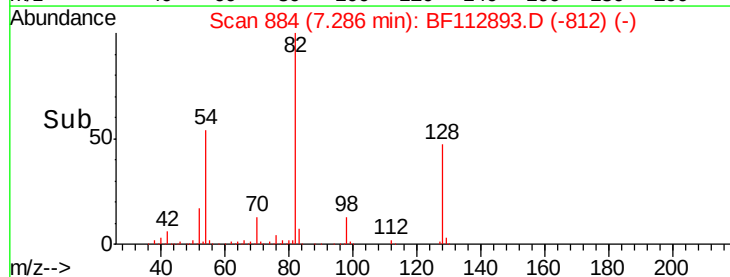
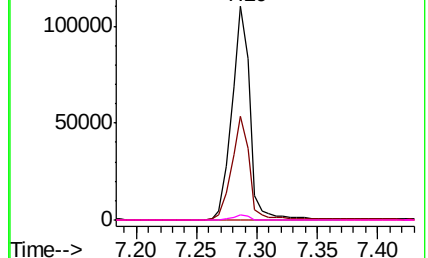


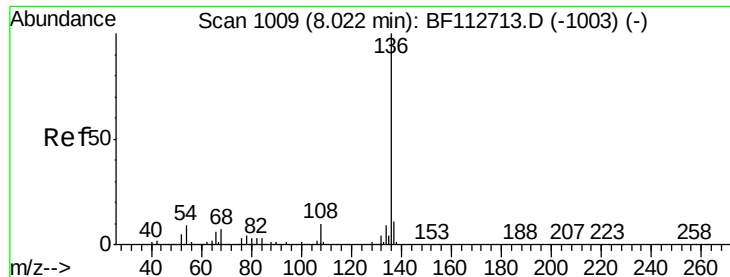
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

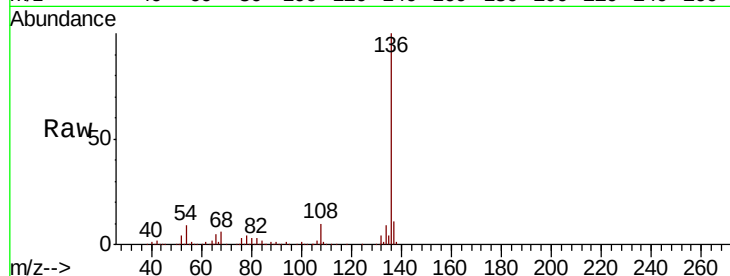




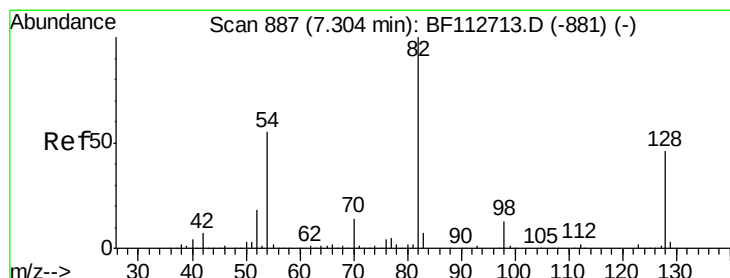
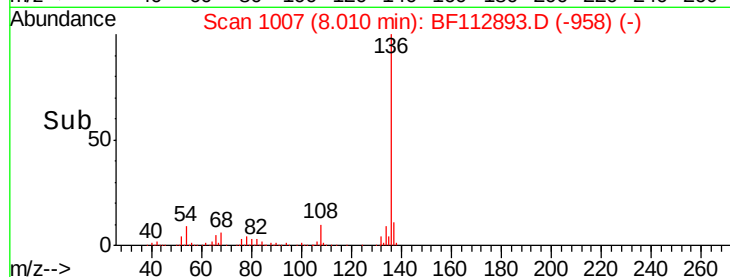
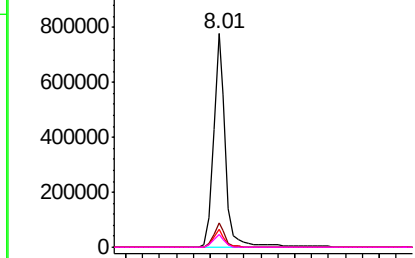
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Instrument :
BNA_F
ClientSampleId :
PB117655BL

Tgt Ion:	136	Resp:	782077
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	7.3	10.9
68	6.1	5.4	8.2

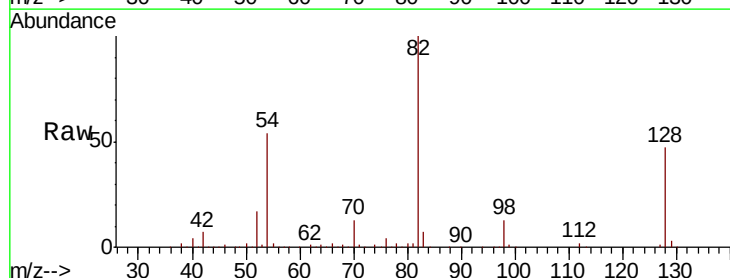


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

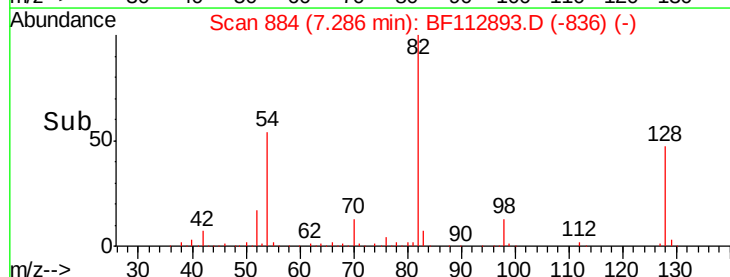
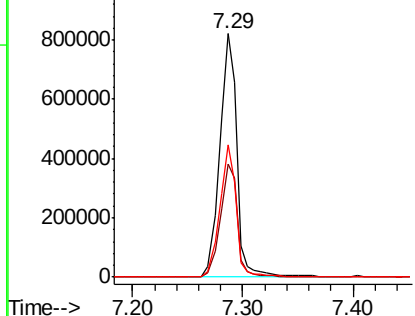


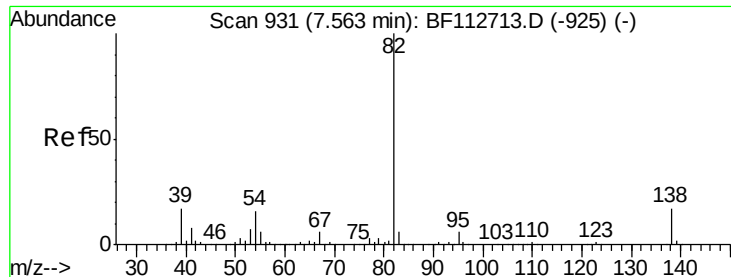
#23
Nitrobenzene-d5
Concen: 67.904 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Tgt Ion:	82	Resp:	887503
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	54.1	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
800000
Ion 54.00 (53.70 to 54.70): BF1
600000
400000
200000
0





#25

Isophorone

Concen: 30.868 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

PB117655BL

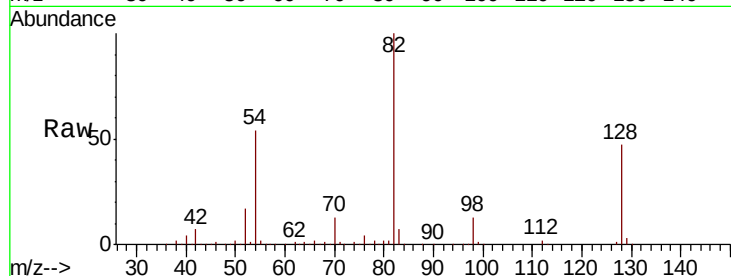
Tgt Ion: 82 Resp: 869143

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

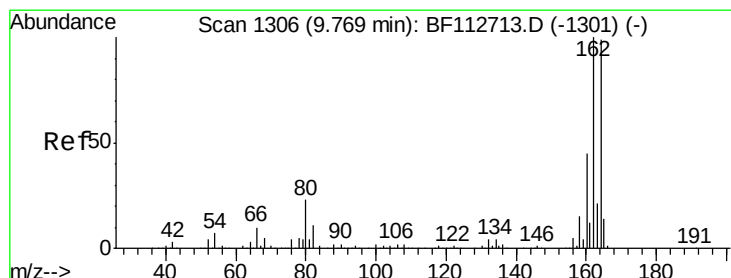
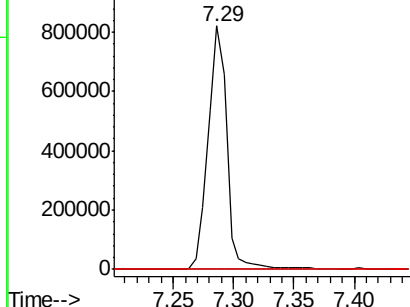
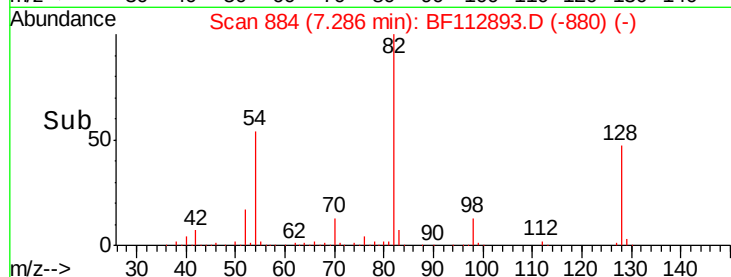
138 0.0 13.8 20.8#



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: BF112893.D

Acq: 6 Mar 2019 20:33

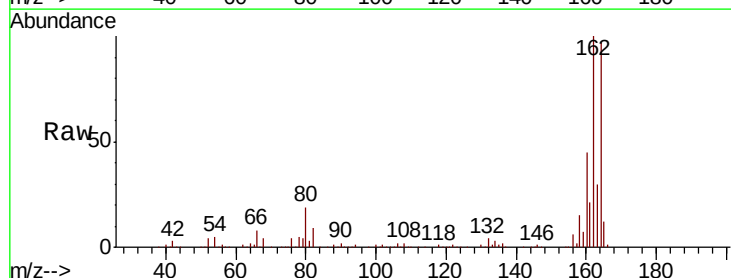
Tgt Ion: 164 Resp: 369373

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

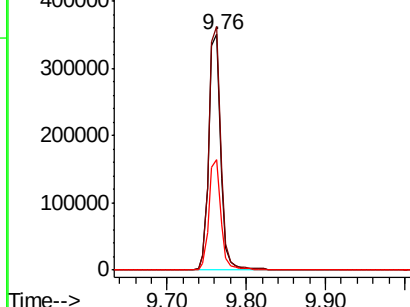
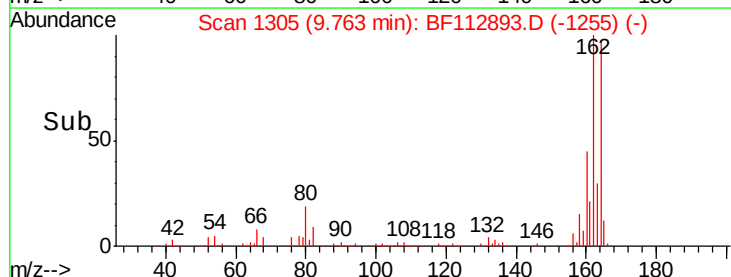
160 46.8 36.0 54.0

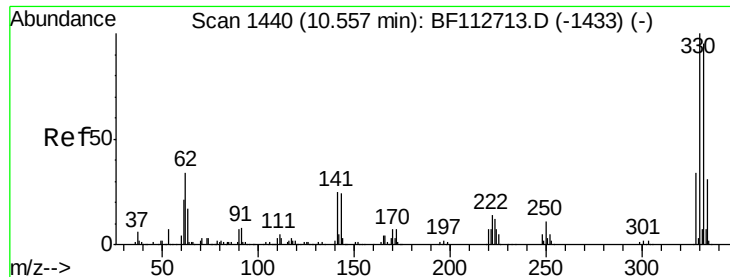


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 95.122 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

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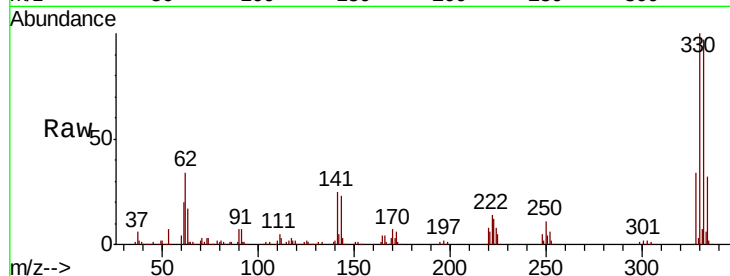
Tgt Ion:330 Resp: 373007

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 29.1 27.0 40.6

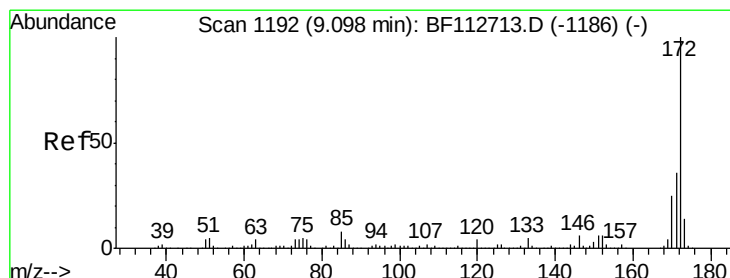
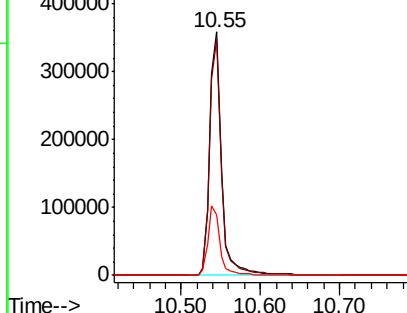
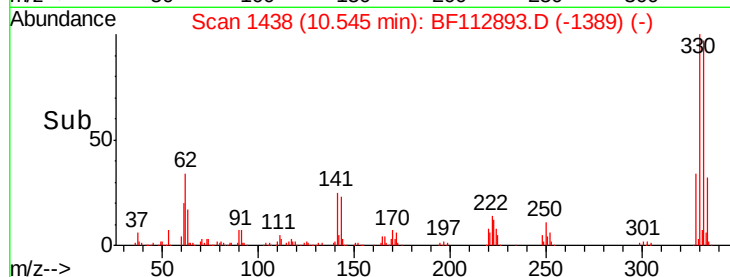


Abundance

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: 59.902 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

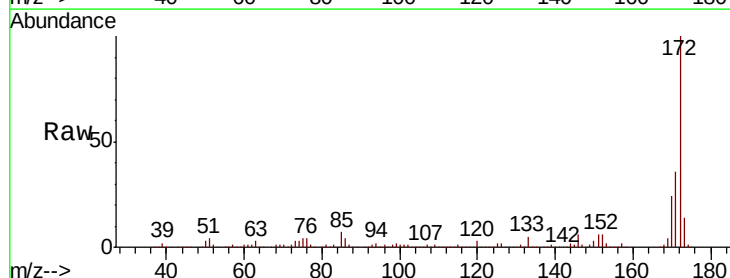
Tgt Ion:172 Resp: 1443675

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 24.3 20.0 30.0

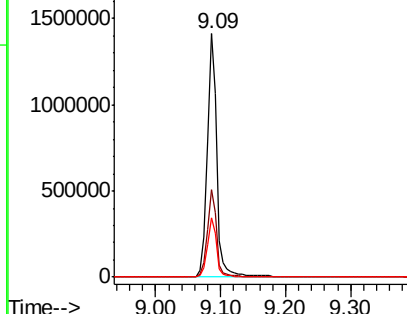
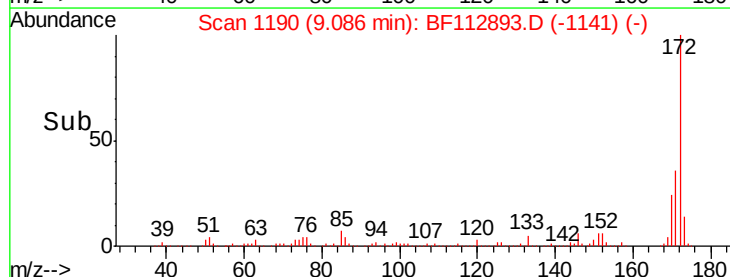


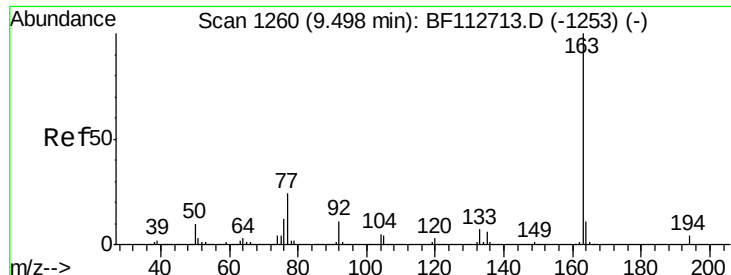
Abundance

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: 3.599 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

Instrument :

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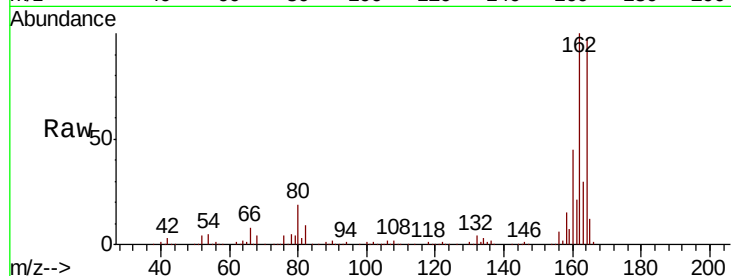
Tgt Ion:163 Resp: 98018

Ion Ratio Lower Upper

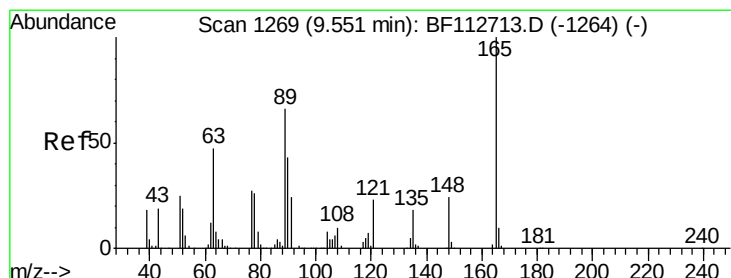
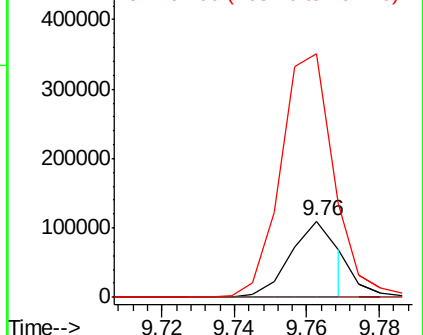
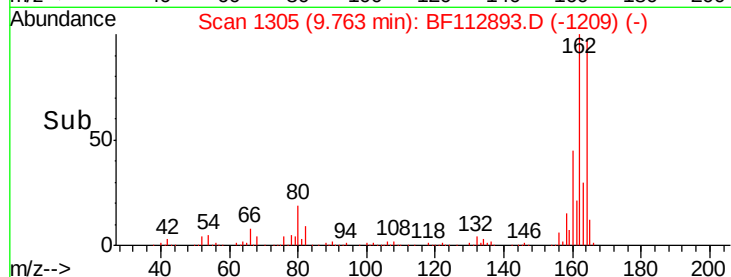
163 100

194 0.0 3.0 4.4#

164 320.1 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: 8.313 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

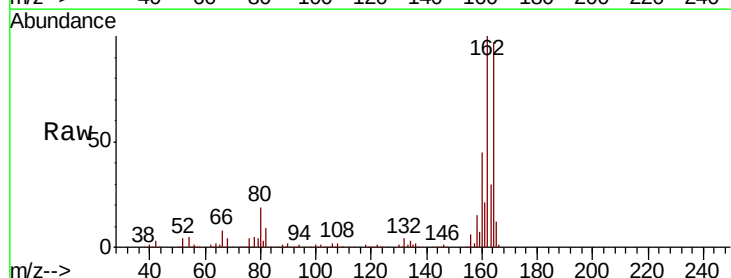
Tgt Ion:165 Resp: 47147

Ion Ratio Lower Upper

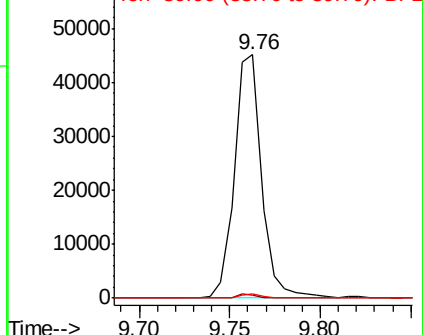
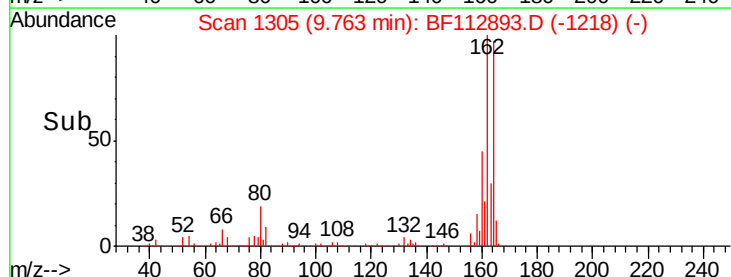
165 100

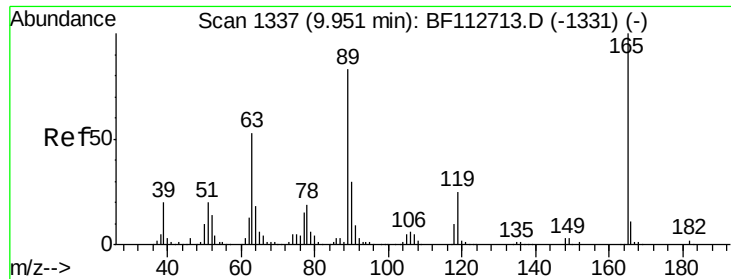
63 1.3 54.1 81.1#

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

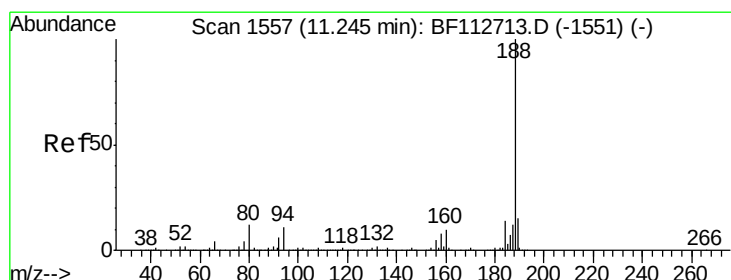
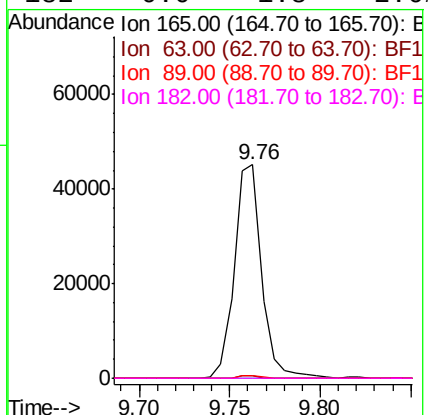
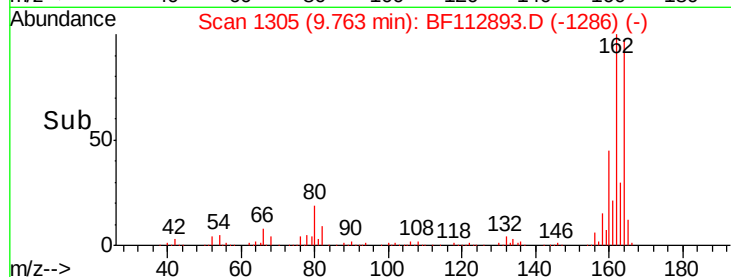
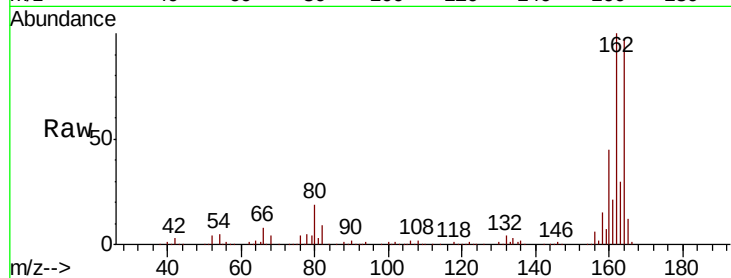




#57
2,4-Dinitrotoluene
Concen: 6.688 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

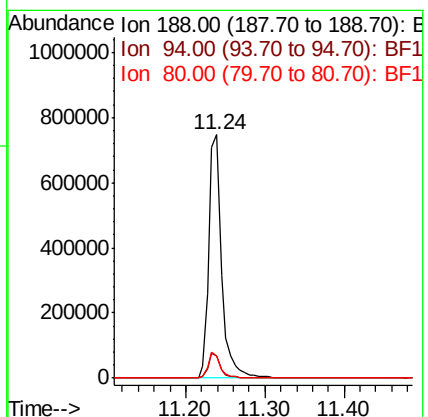
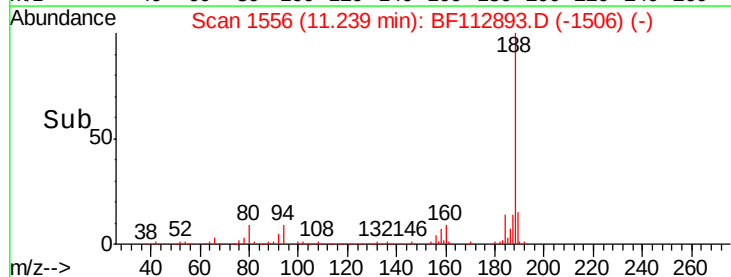
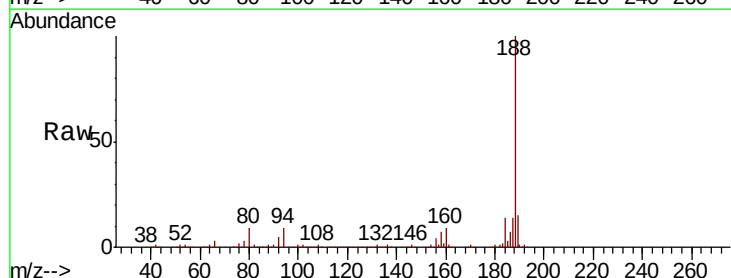
Instrument :
BNA_F
ClientSampleId :
PB117655BL

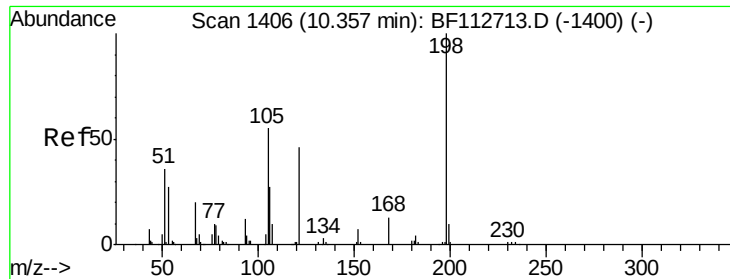
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.2	9.2	13.8

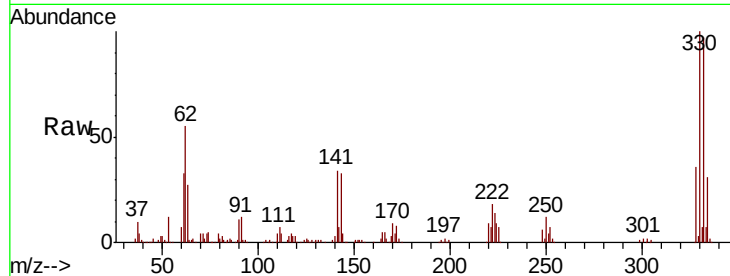




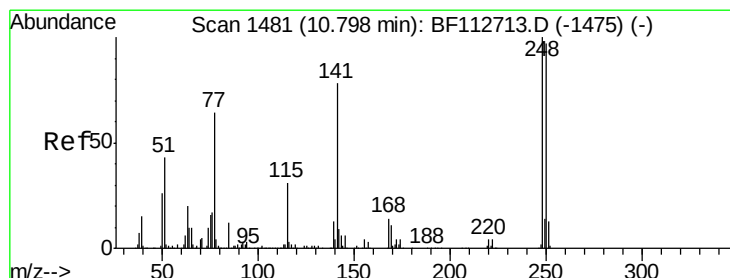
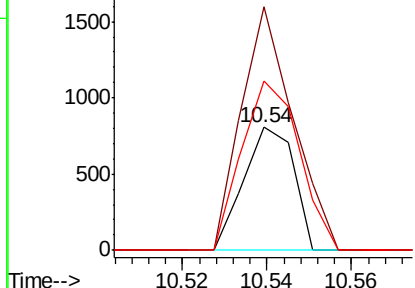
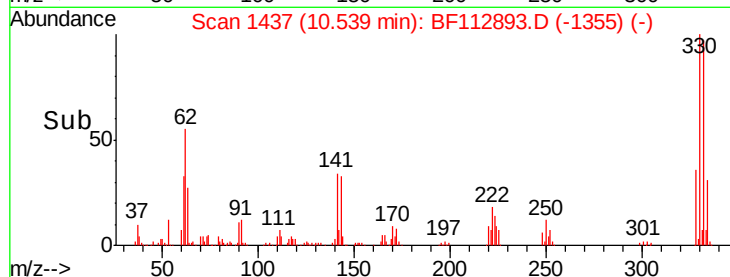
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.786 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BL

Tgt Ion:198 Resp: 664
 Ion Ratio Lower Upper
 198 100
 51 198.1 43.8 83.8#
 105 138.3 36.5 76.5#

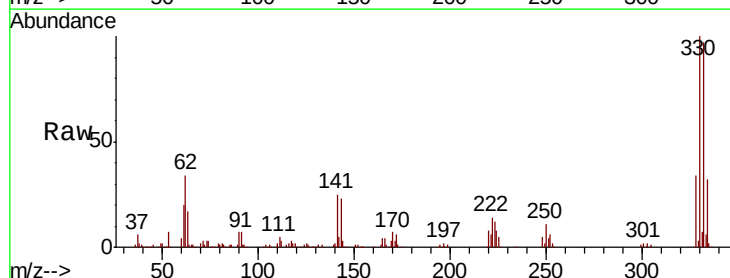


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

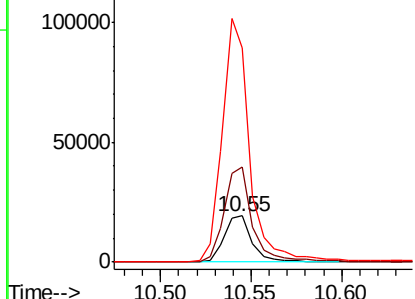
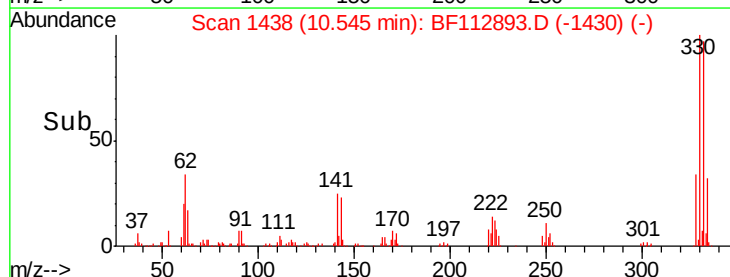


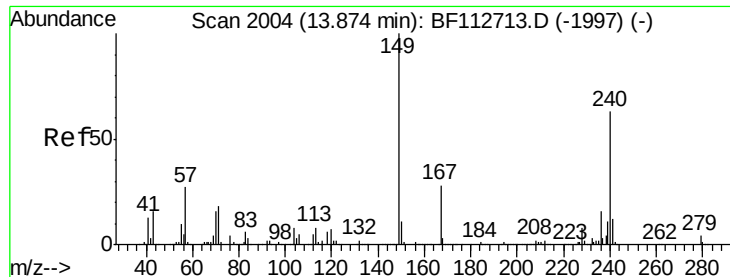
#67
 4-Bromophenyl-phenylether
 Concen: 2.340 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

Tgt Ion:248 Resp: 20768
 Ion Ratio Lower Upper
 248 100
 250 206.3 77.5 116.3#
 141 466.2 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

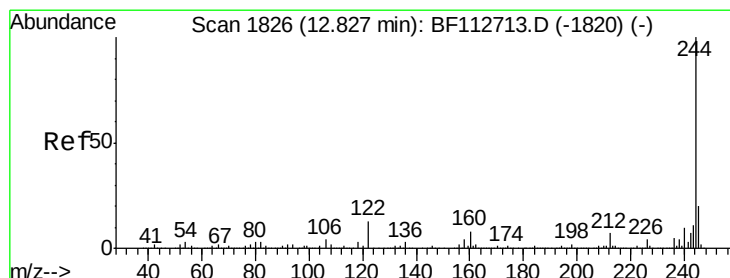
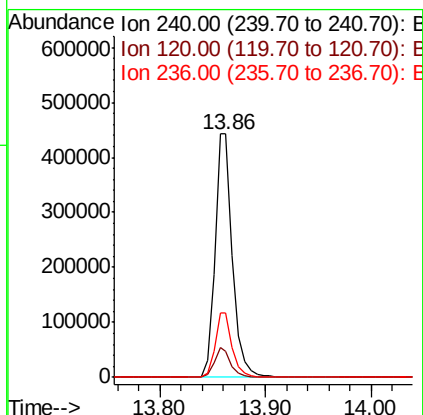
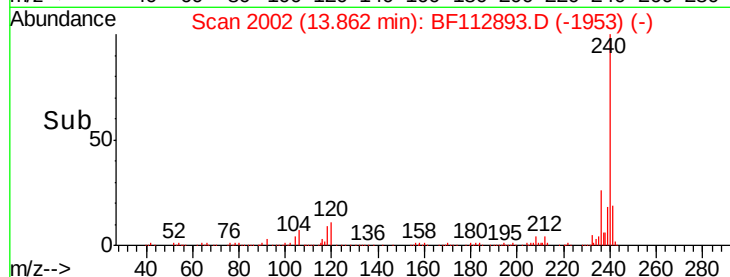
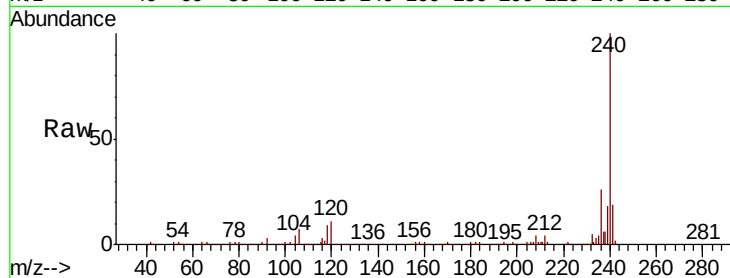




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

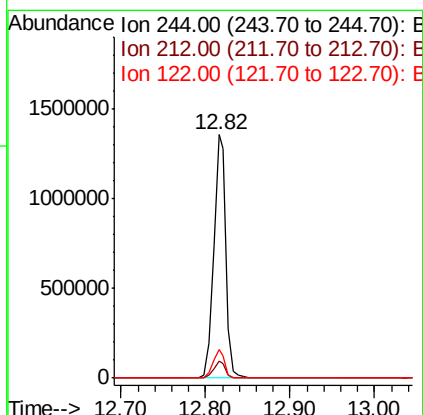
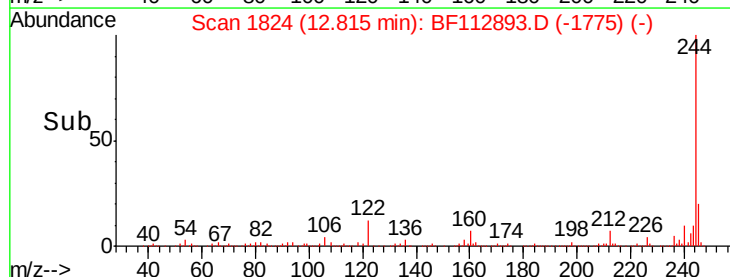
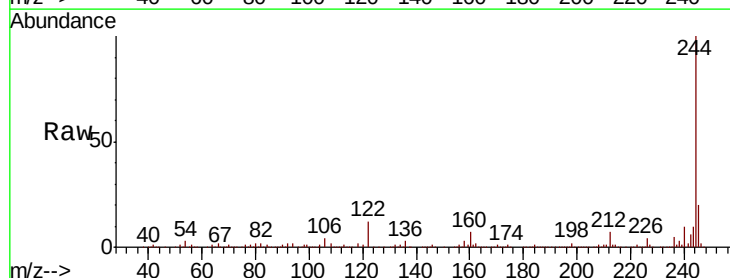
Instrument :
BNA_F
ClientSampleId :
PB117655BL

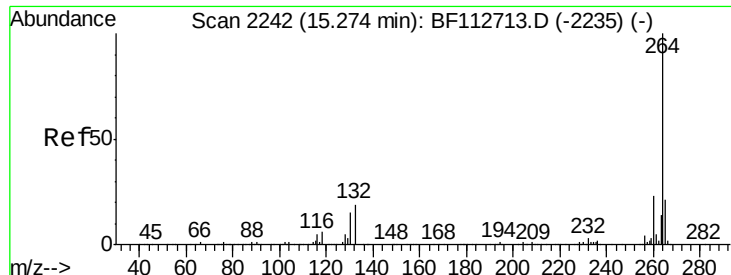
Tgt Ion:240 Resp: 515834
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.4 20.7 31.1



#79
Terphenyl-d14
Concen: 52.408 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Tgt Ion:244 Resp: 1394580
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.9 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: BF112893.D
Acq: 6 Mar 2019 20:33

Instrument :
BNA_F
ClientSampleId :
PB117655BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	17.2	25.8

