

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112890.D
 Acq On : 6 Mar 2019 19:08
 Operator : JU/SJ
 Sample : K1707-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11

Quant Time: Mar 07 04:19:59 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

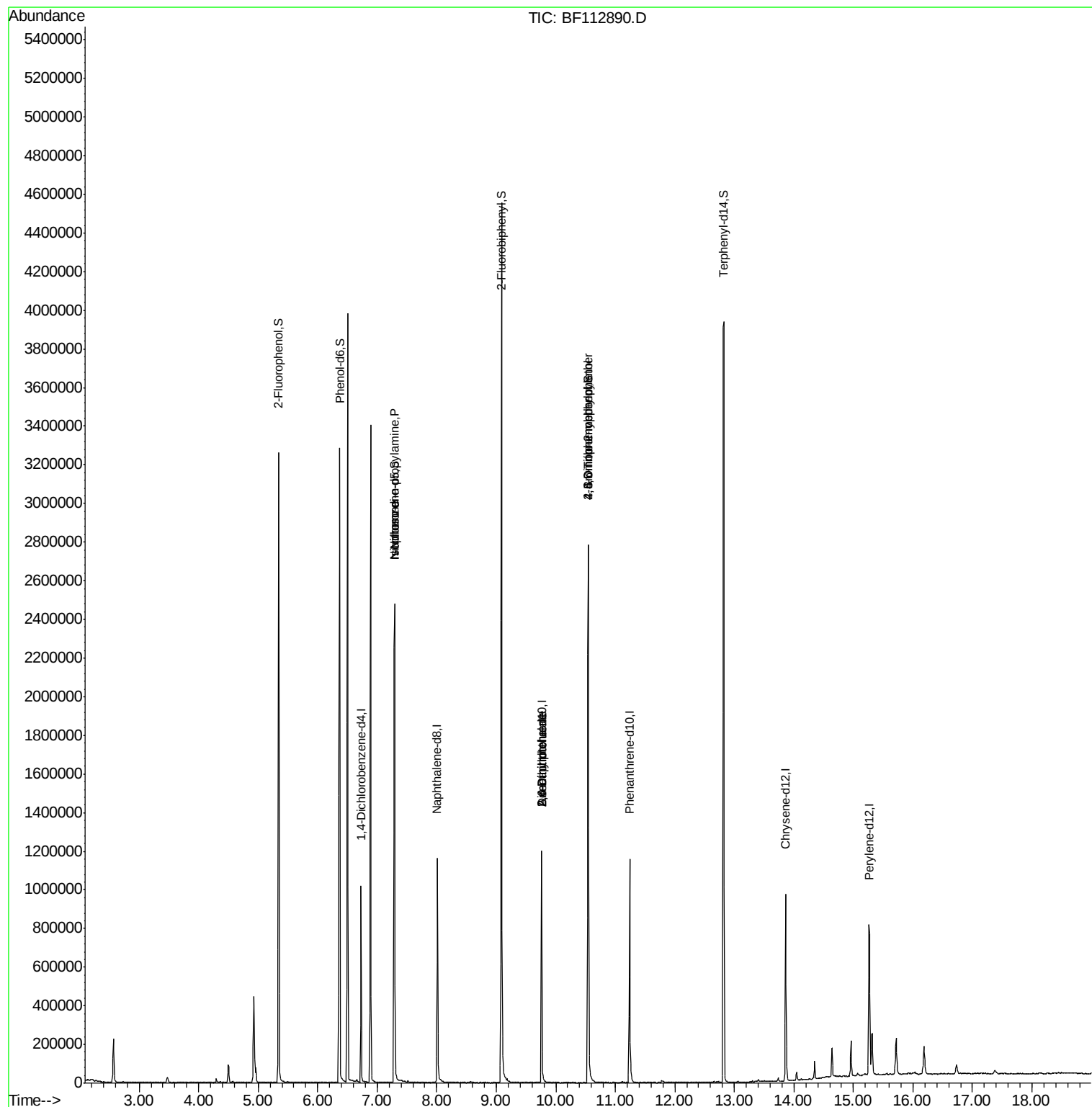
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	161299	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	606039	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	283315	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	539282	20.00	ng	0.00
76) Chrysene-d12	13.86	240	390106	20.00	ng	-0.01
87) Perylene-d12	15.26	264	415224	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	980751	94.58	ng	0.00
7) Phenol-d6	6.37	99	1131363	86.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	885883	87.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	410113	136.35	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1630233	99.94	ng	-0.01
79) Terphenyl-d14	12.82	244	1531079	76.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	115840	14.042	ng	# 77
25) Isophorone	7.29	82	879397	40.304	ng	# 66
50) Dimethylphthalate	9.76	163	73460	3.516	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	35739	8.215	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	35739	6.609	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	572	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	23355	4.112	ng	# 1

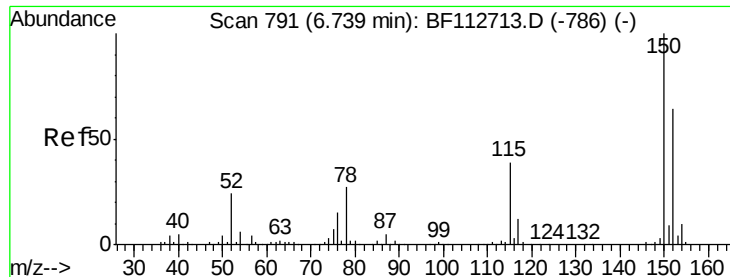
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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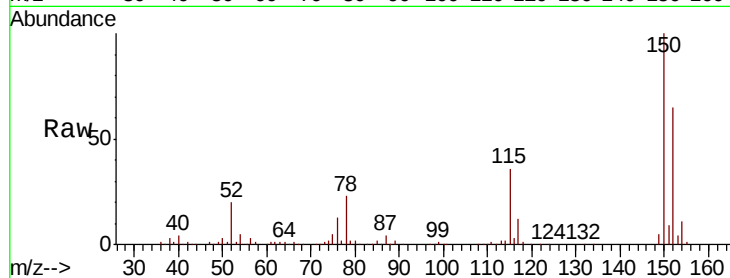


#1

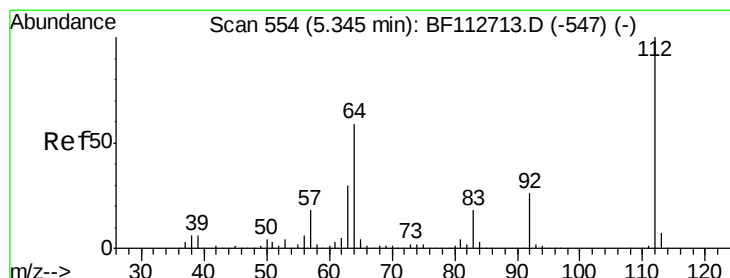
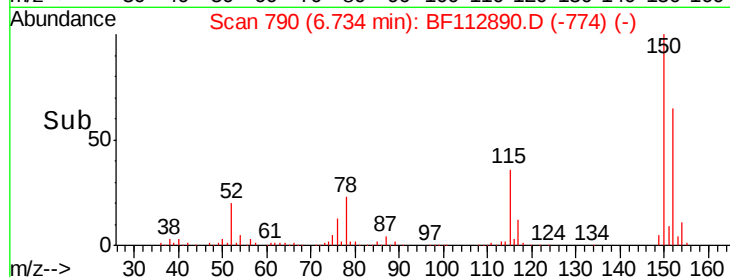
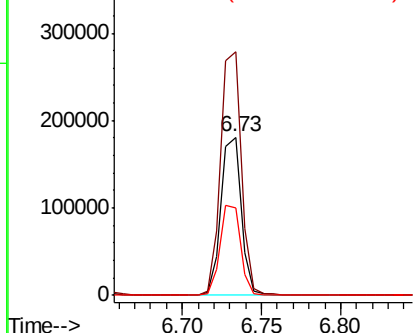
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:152 Resp: 161299
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.2
115 55.7 48.2 72.4



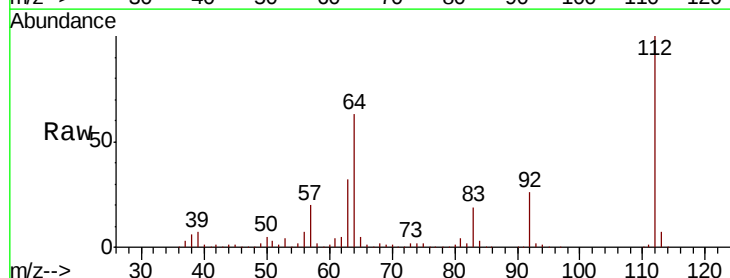
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



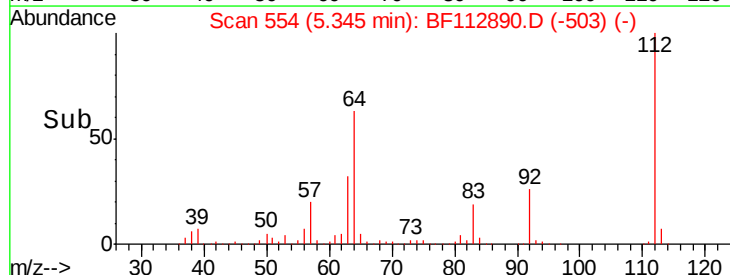
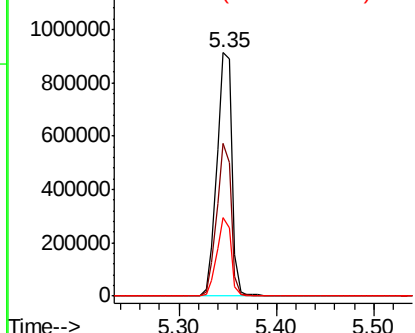
#5

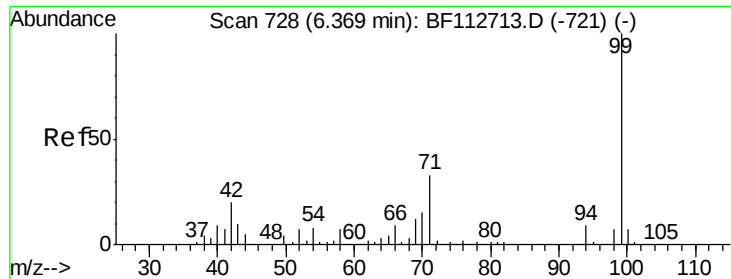
2-Fluorophenol
Concen: 94.582 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:112 Resp: 980751
Ion Ratio Lower Upper
112 100
64 62.9 47.6 71.4
63 32.5 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: 86.857 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112890.D

Acq: 6 Mar 2019 19:08

Instrument :

BNA_F

ClientSampleId :

S11

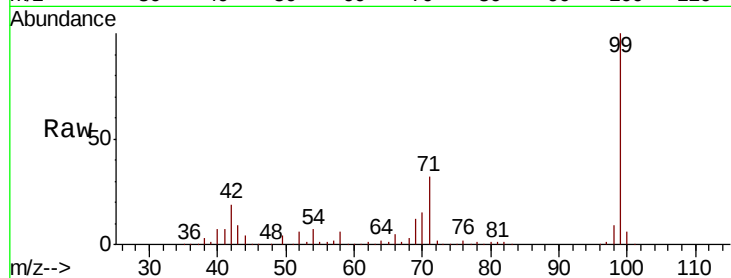
Tgt Ion: 99 Resp: 1131363

Ion Ratio Lower Upper

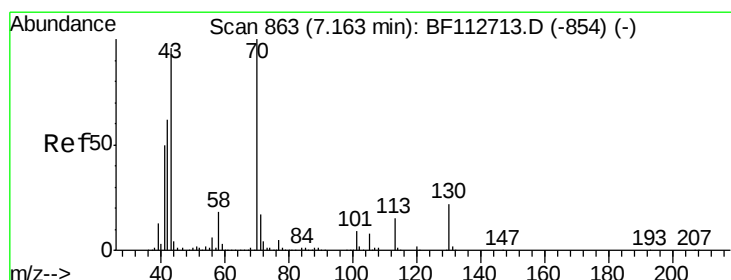
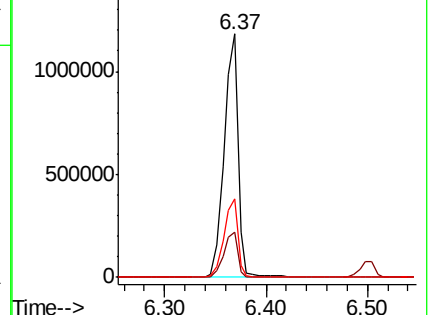
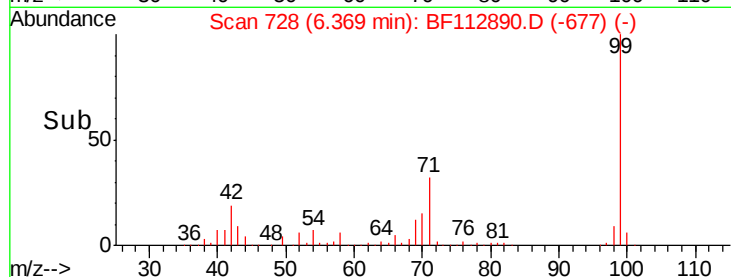
99 100

42 18.6 16.3 24.5

71 32.0 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: 14.042 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112890.D

Acq: 6 Mar 2019 19:08

Tgt Ion: 70 Resp: 115840

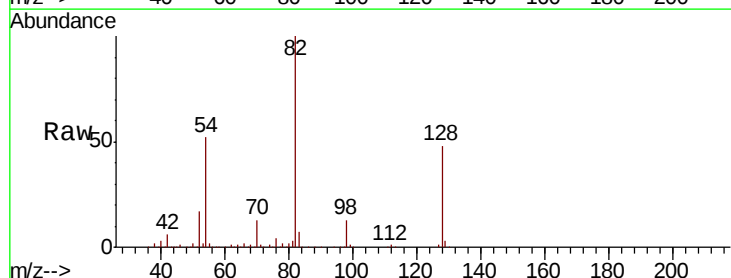
Ion Ratio Lower Upper

70 100

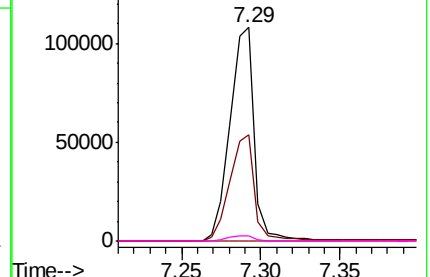
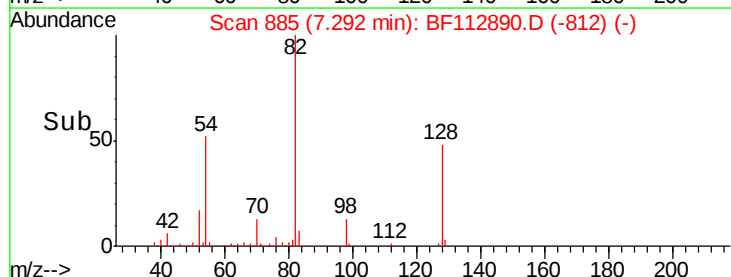
42 49.9 49.9 74.9#

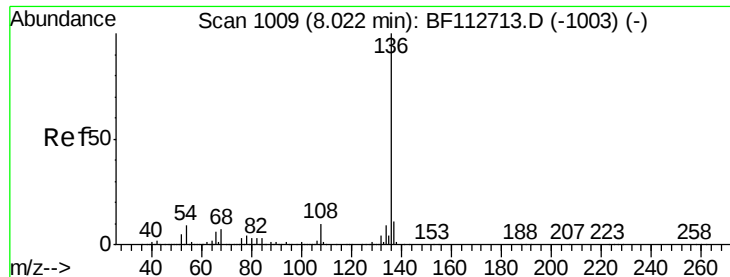
101 0.0 7.4 11.2#

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): BF1
Ion 130.00 (129.70 to 130.70): BF1

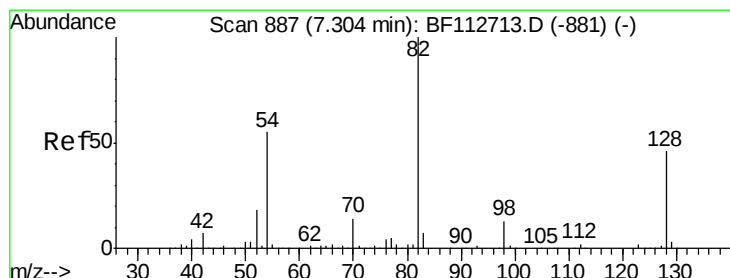
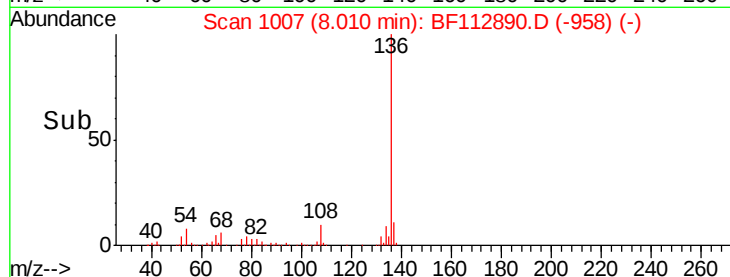
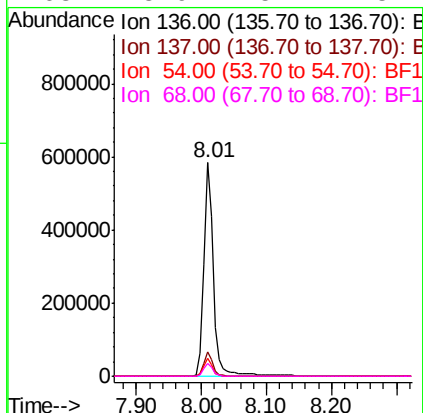
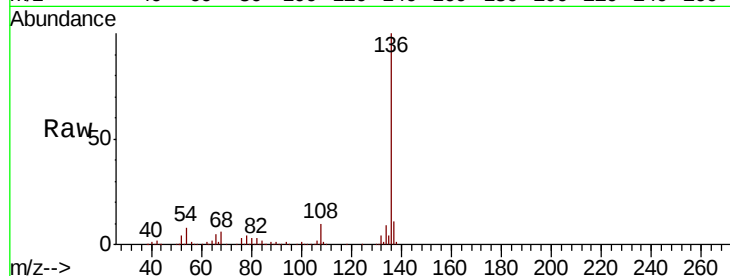




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

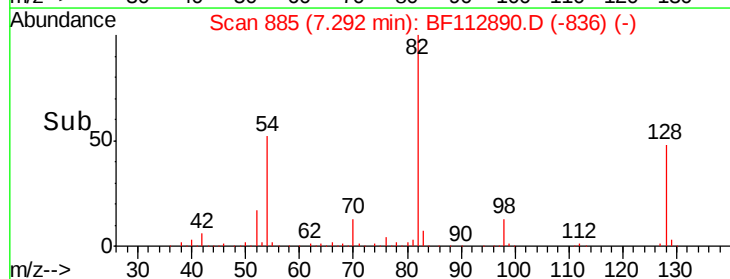
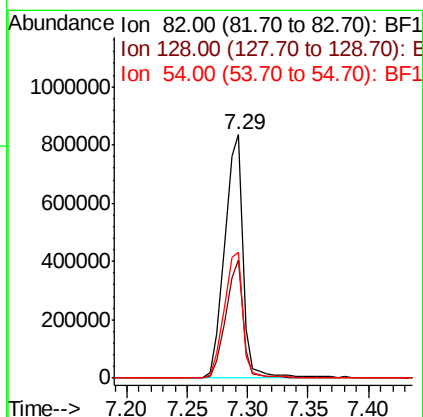
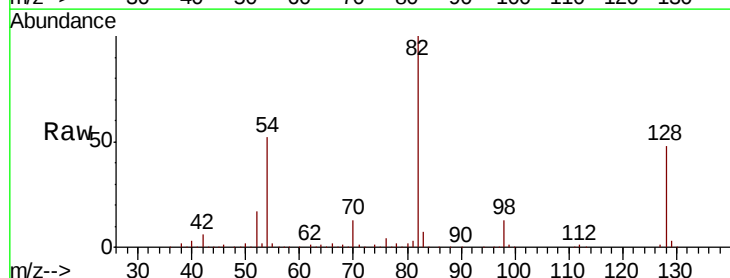
Instrument :
BNA_F
ClientSampleId :
S11

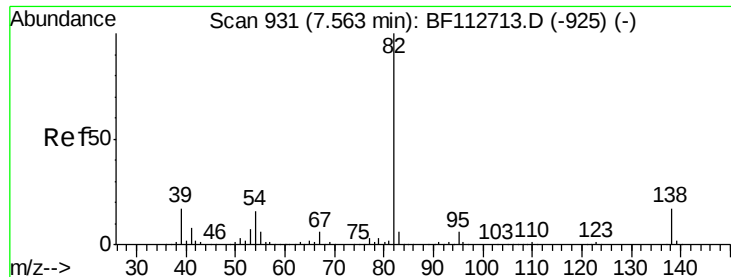
Tgt Ion:	136	Resp:	606039
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	7.3	10.9
68	5.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 87.469 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:	82	Resp:	885883
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	51.7	43.7	65.5





#25

Isophorone

Concen: 40.304 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112890.D

Acq: 6 Mar 2019 19:08

Instrument :

BNA_F

ClientSampled :

S11

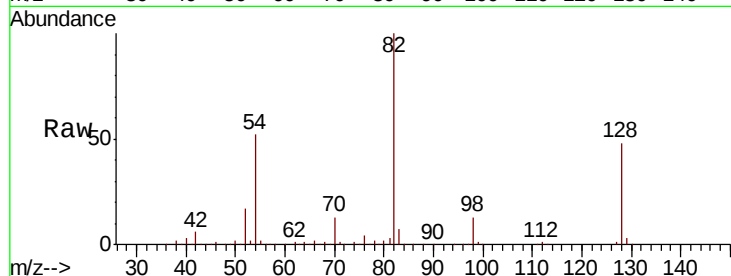
Tgt Ion: 82 Resp: 879397

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

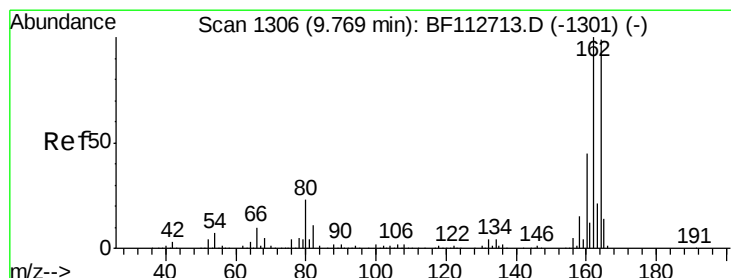
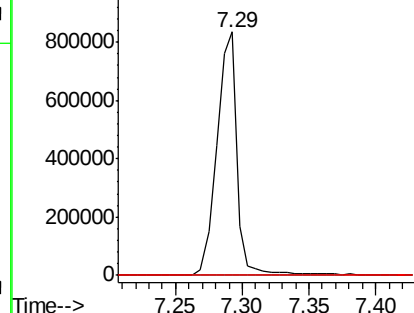
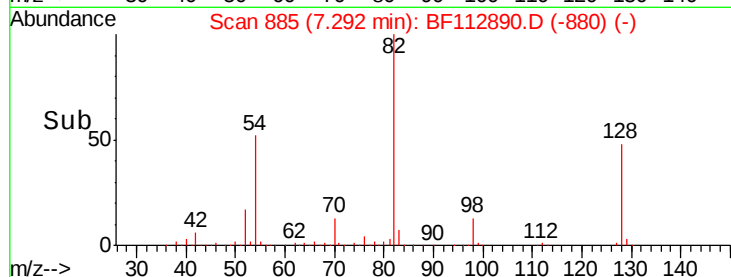
138 0.0 13.8 20.8#



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: BF112890.D

Acq: 6 Mar 2019 19:08

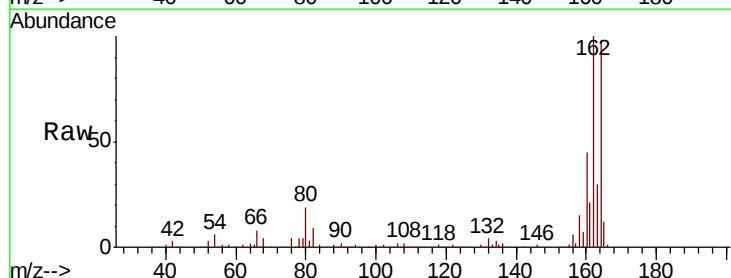
Tgt Ion: 164 Resp: 283315

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

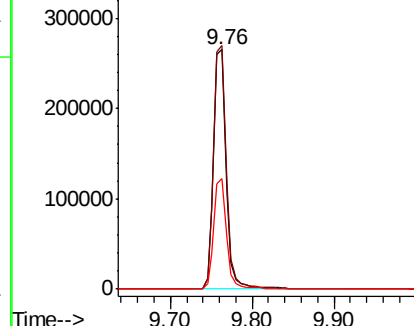
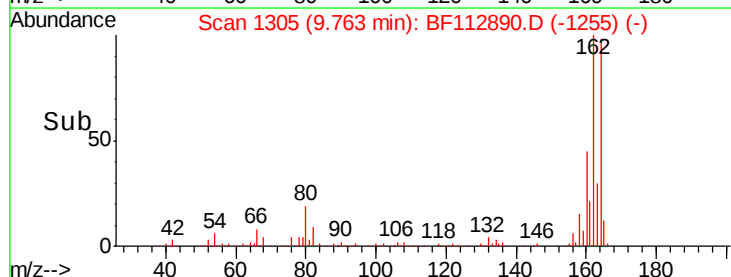
160 45.8 36.0 54.0

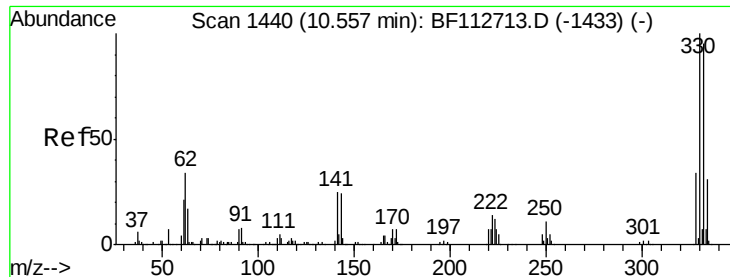


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 136.352 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112890.D

Acq: 6 Mar 2019 19:08

Instrument :

BNA_F

ClientSampleId :

S11

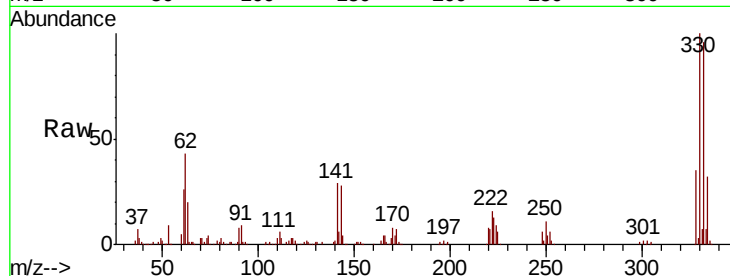
Tgt Ion:330 Resp: 410113

Ion Ratio Lower Upper

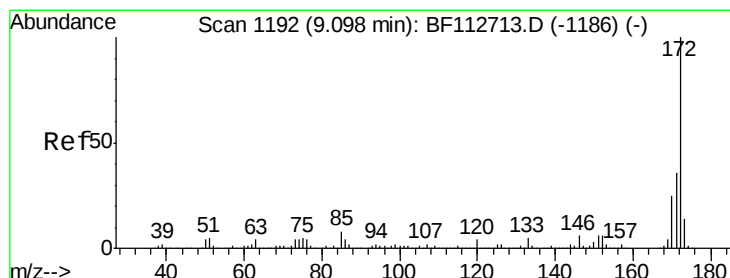
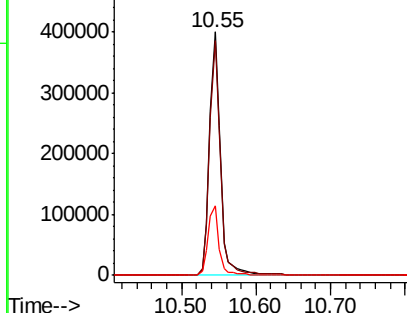
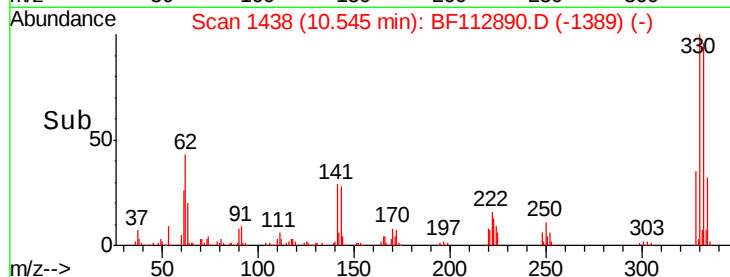
330 100

332 96.5 76.2 114.4

141 29.2 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: 99.938 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112890.D

Acq: 6 Mar 2019 19:08

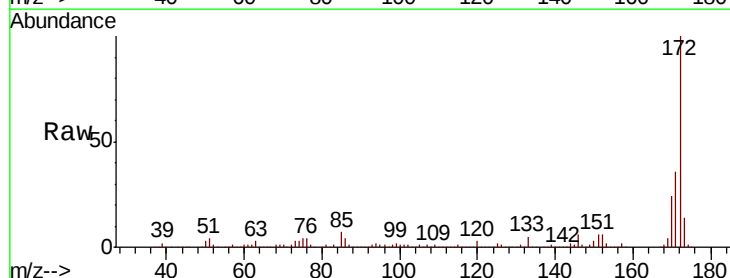
Tgt Ion:172 Resp: 1630233

Ion Ratio Lower Upper

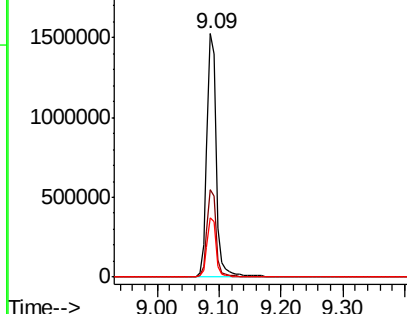
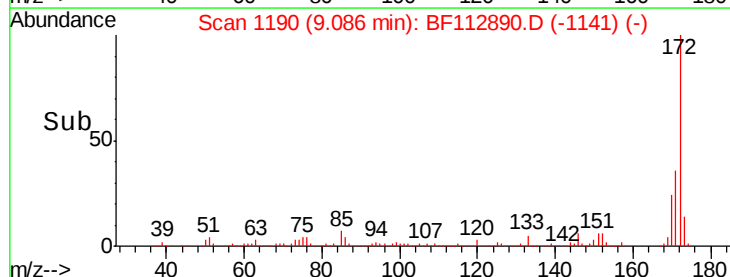
172 100

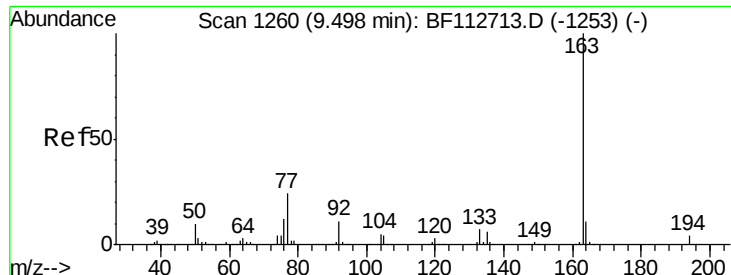
171 36.1 29.0 43.4

170 24.4 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

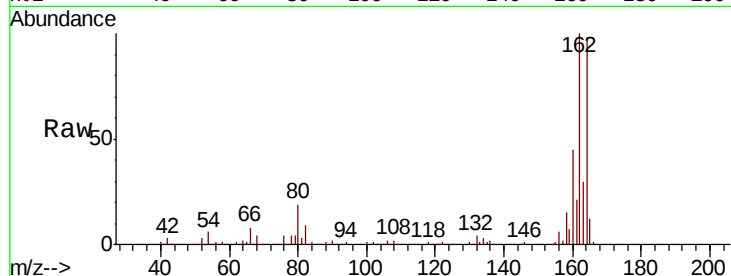




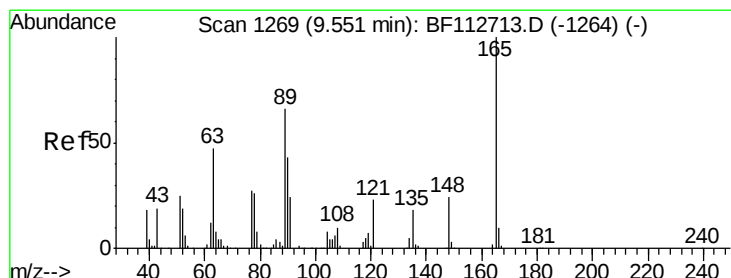
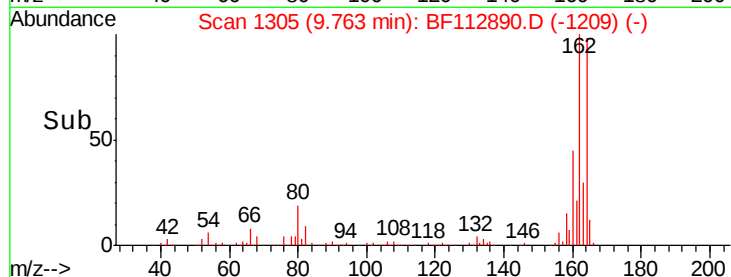
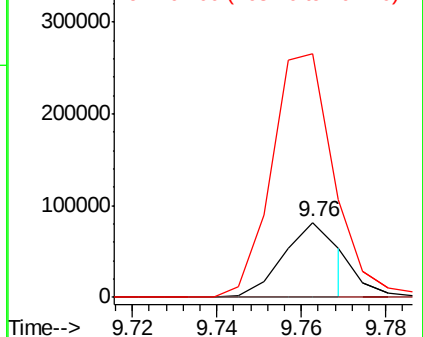
#50
Dimethylphthalate
Concen: 3.516 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 73460
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 324.2 8.4 12.6#

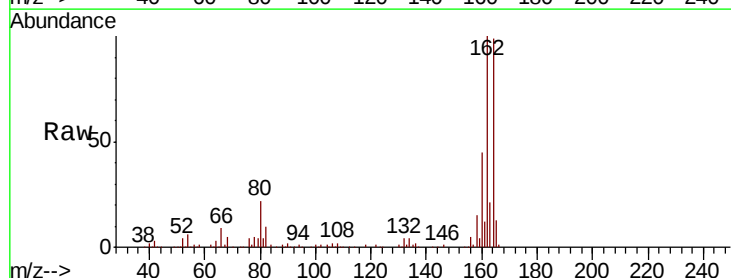


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

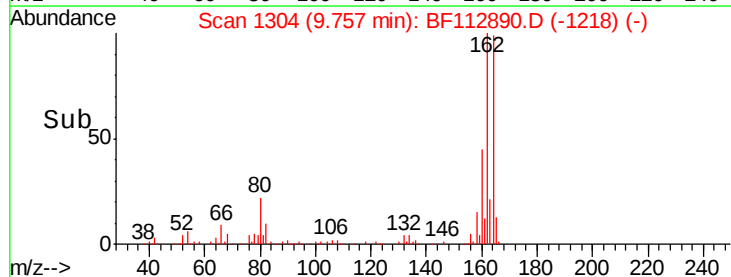
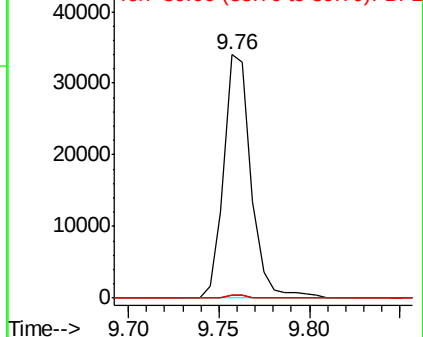


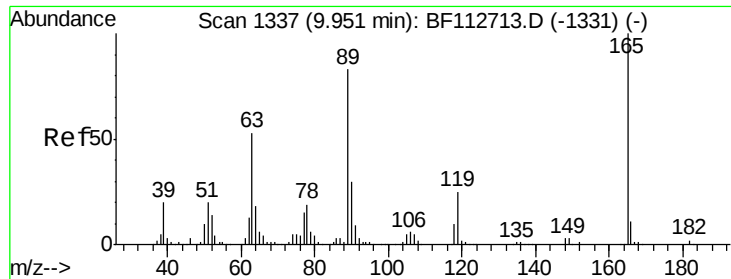
#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:165 Resp: 35739
Ion Ratio Lower Upper
165 100
63 1.0 54.1 81.1#
89 1.4 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

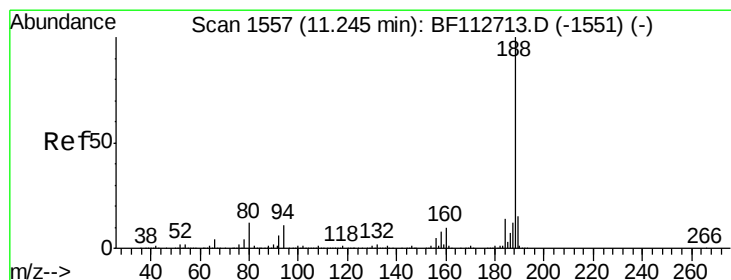
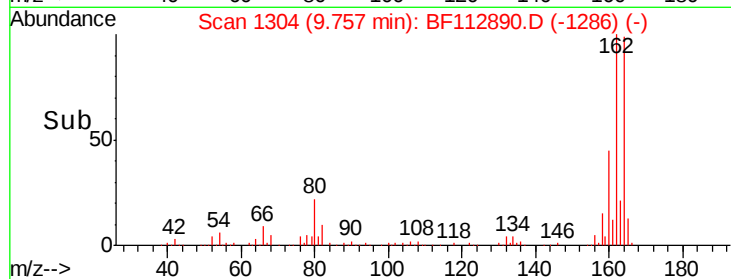
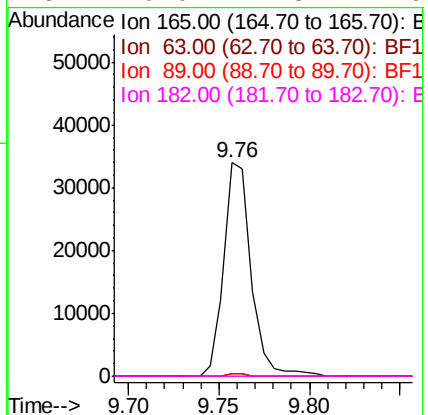
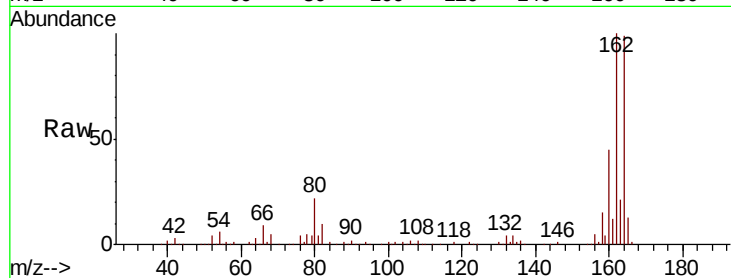




#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

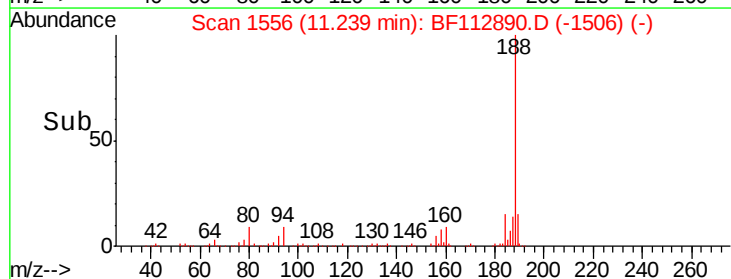
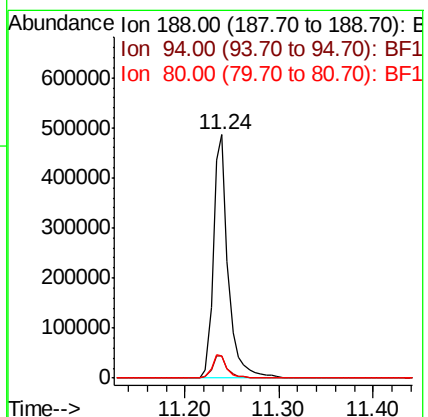
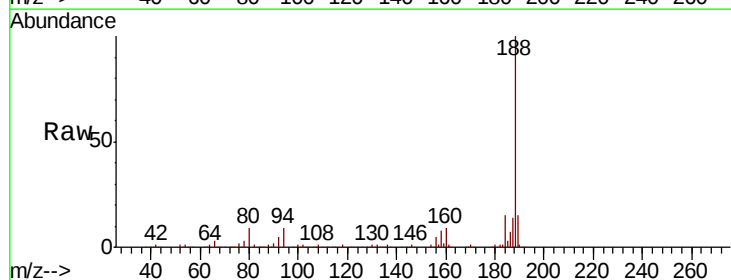
Instrument :
BNA_F
ClientSampled :
S11

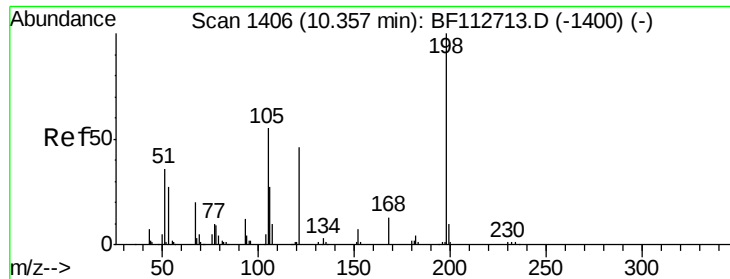
Tgt Ion:	165	Resp:	35739
Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:	188	Resp:	539282
Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.1	9.2	13.8#

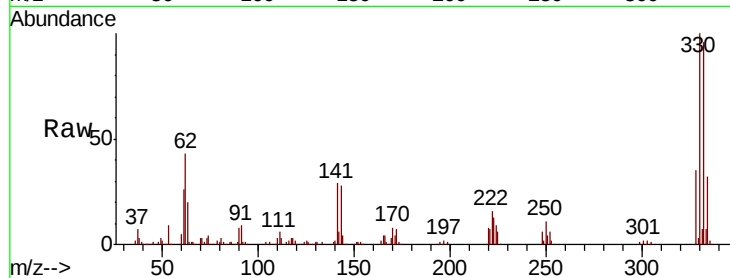




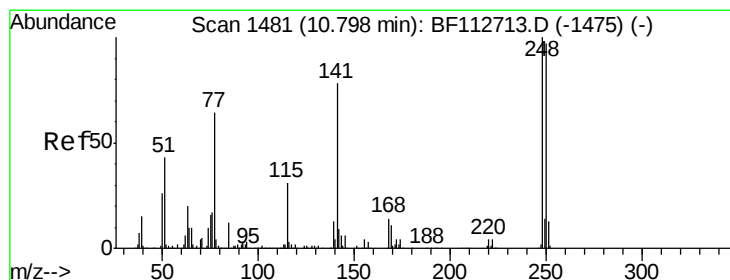
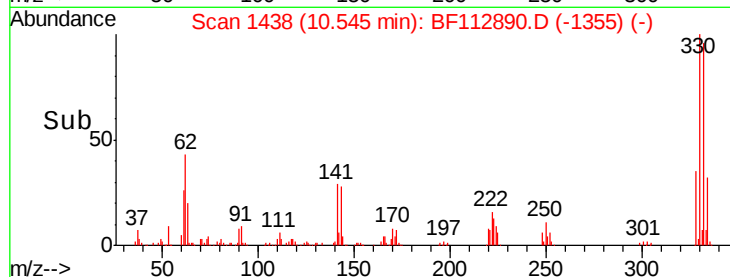
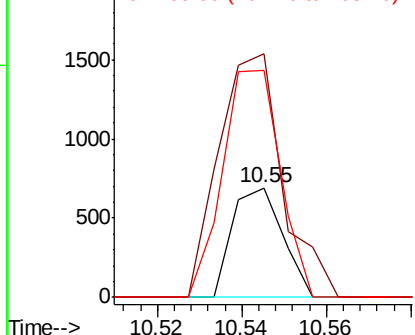
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.846 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112890.D
 Acq: 6 Mar 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 S11

Tgt Ion:198 Resp: 572
 Ion Ratio Lower Upper
 198 100
 51 222.4 43.8 83.8#
 105 207.4 36.5 76.5#

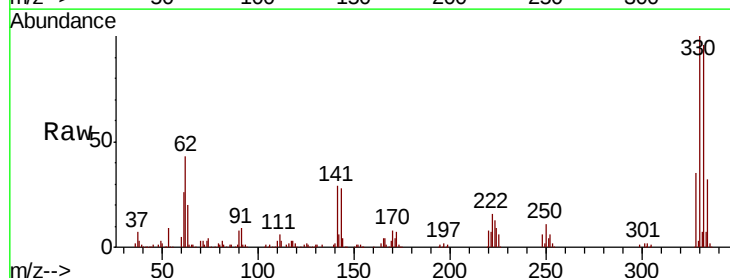


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

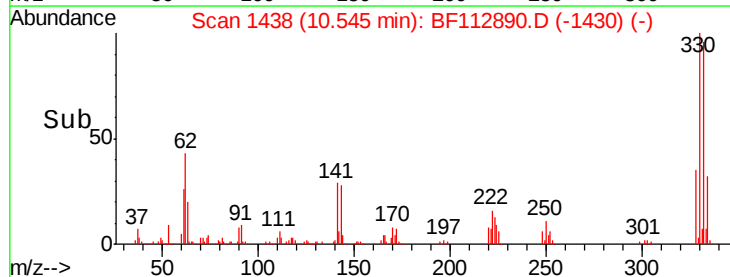
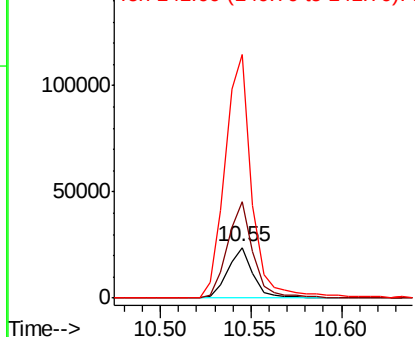


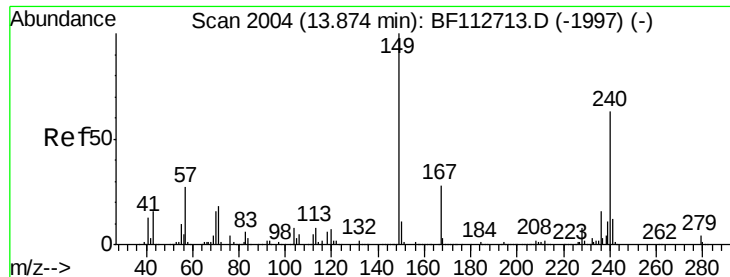
#67
 4-Bromophenyl-phenylether
 Concen: 4.112 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112890.D
 Acq: 6 Mar 2019 19:08

Tgt Ion:248 Resp: 23355
 Ion Ratio Lower Upper
 248 100
 250 190.0 77.5 116.3#
 141 477.6 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

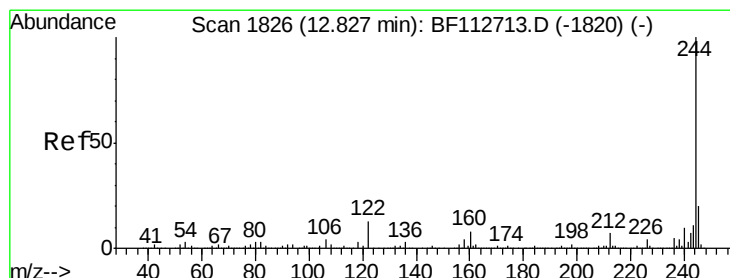
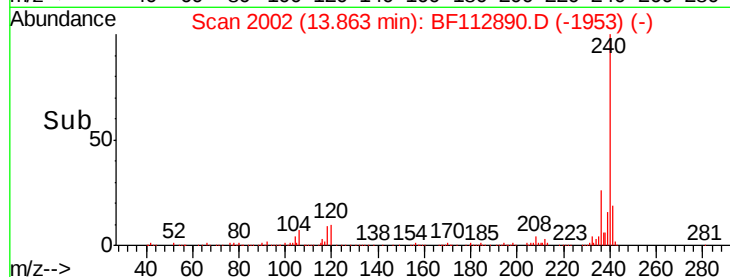
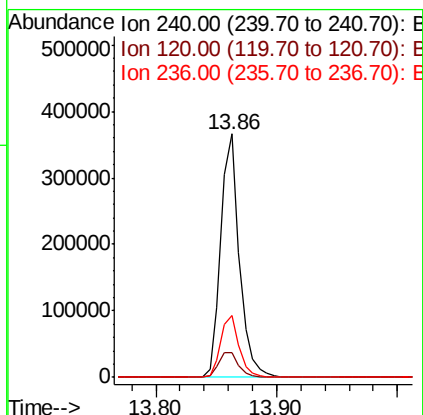
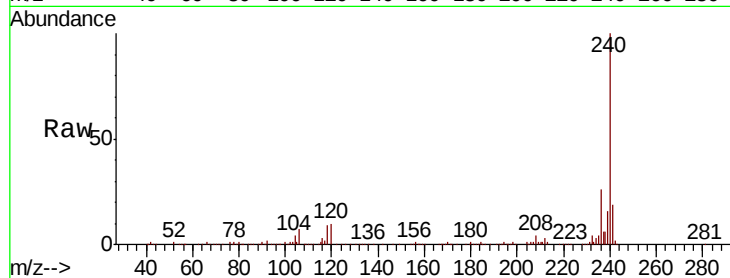




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

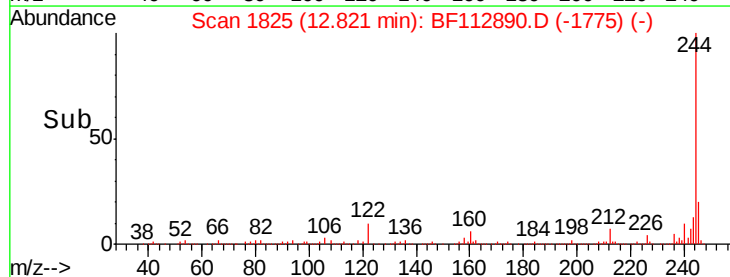
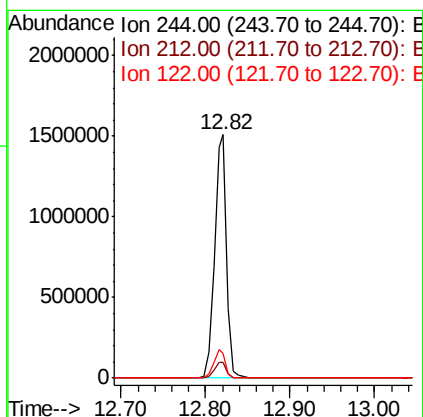
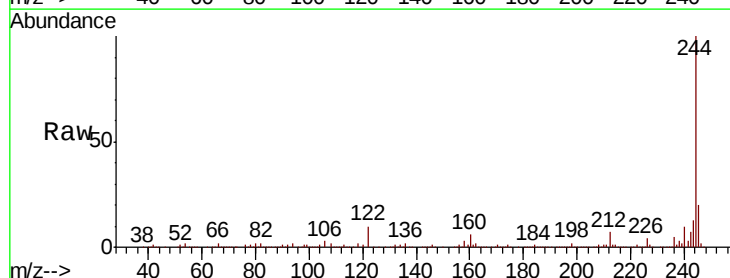
Instrument :
BNA_F
ClientSampleId :
S11

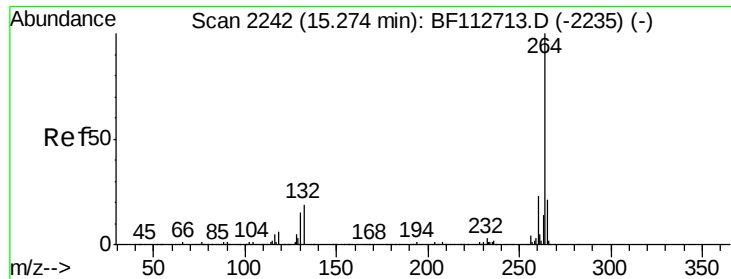
Tgt Ion:240 Resp: 390106
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.5 20.7 31.1



#79
Terphenyl-d14
Concen: 76.082 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:244 Resp: 1531079
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.2 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: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion: 264 Resp: 415224
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.0 17.2 25.8

