

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112883.D
 Acq On : 6 Mar 2019 15:45
 Operator : JU/SJ
 Sample : PB117655BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117619BL

Quant Time: Mar 07 04:18:29 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

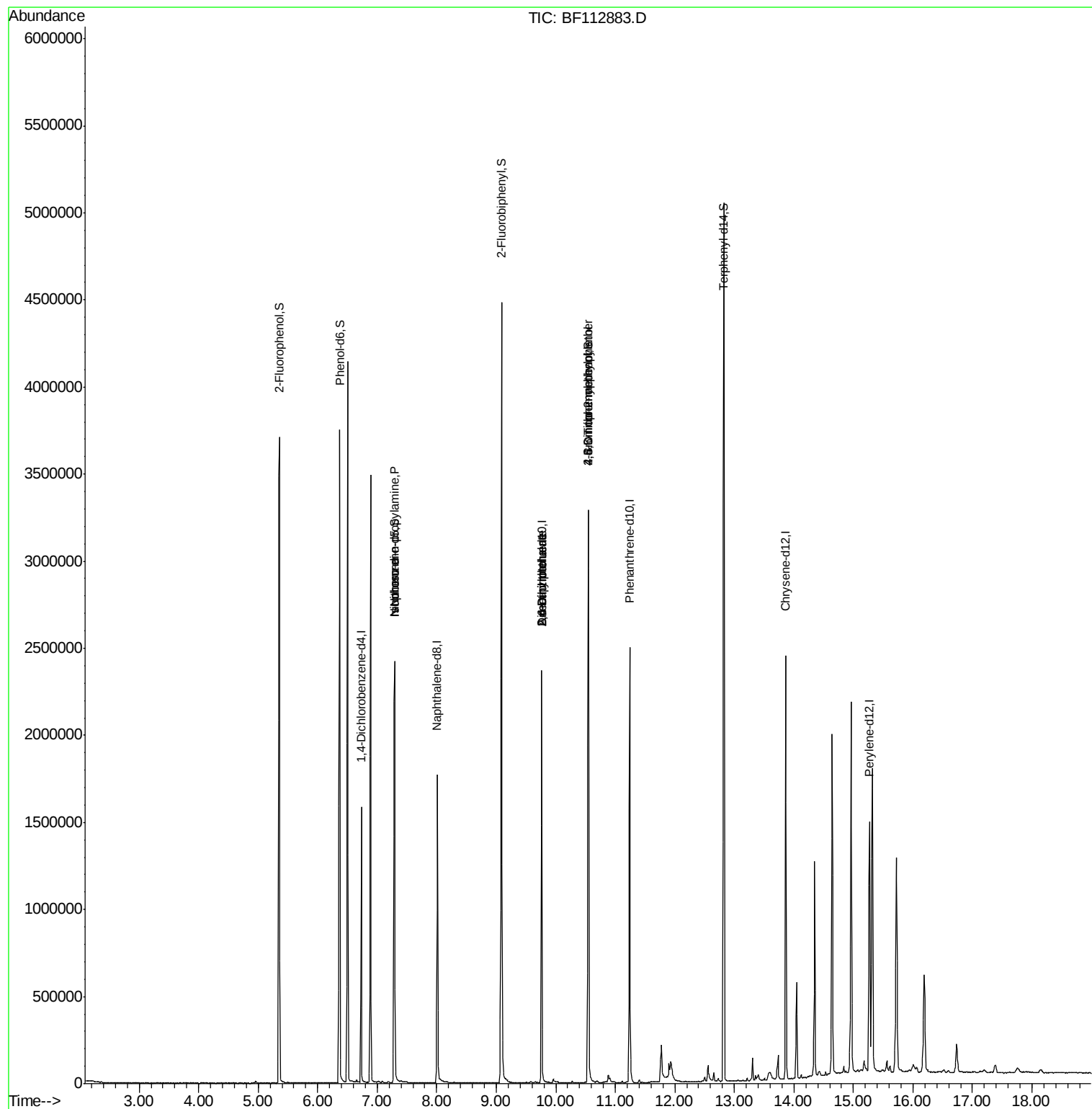
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	246640	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	983858	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	485640	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	1005664	20.00	ng	0.00
76) Chrysene-d12	13.86	240	828903	20.00	ng	-0.01
87) Perylene-d12	15.27	264	693788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1119712	70.62	ng	0.01
7) Phenol-d6	6.37	99	1483027	74.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	929756	56.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	498492	96.69	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1785038	55.57	ng	0.00
79) Terphenyl-d14	12.82	244	1975760	46.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	122862	9.740	ng	# 76
25) Isophorone	7.29	82	911638	25.737	ng	# 66
50) Dimethylphthalate	9.76	163	123522	3.449	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	62280	8.352	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	62281	6.719	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	846	4.798	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	28934	2.732	ng	# 1

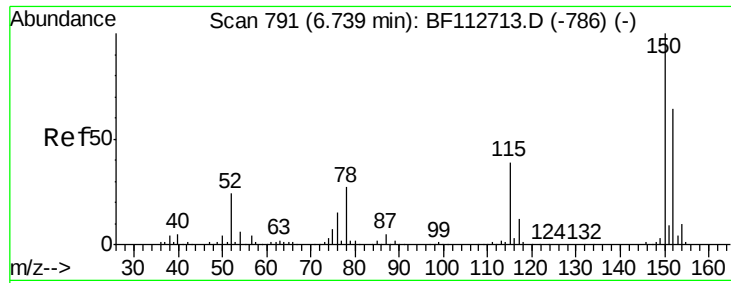
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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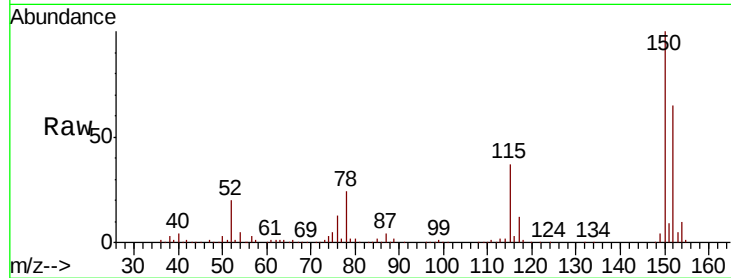


#1

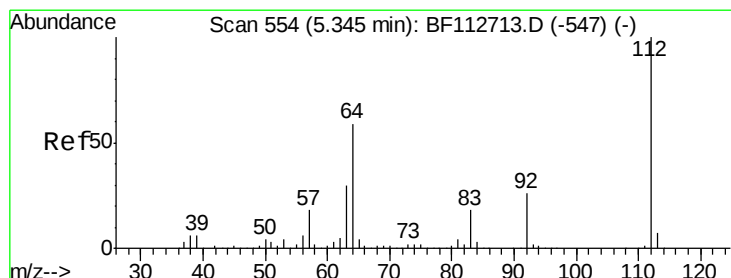
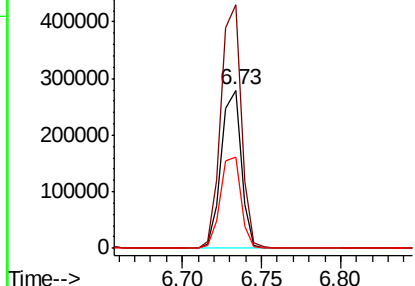
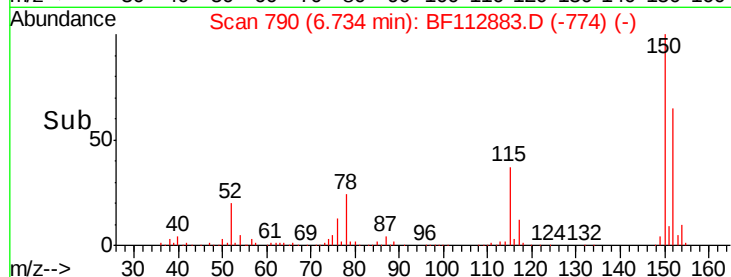
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Instrument :
BNA_F
ClientSampleId :
PB117619BL

Tgt Ion:152 Resp: 246640
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 57.6 48.2 72.4



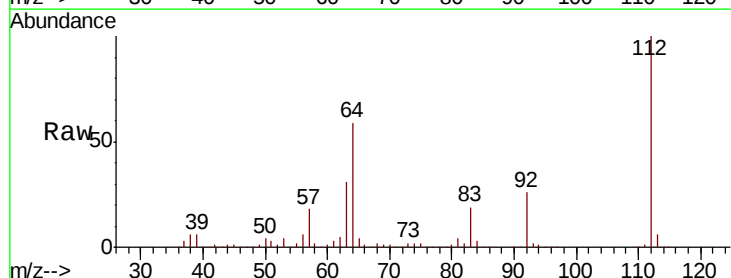
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



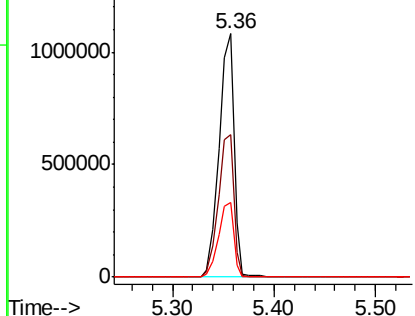
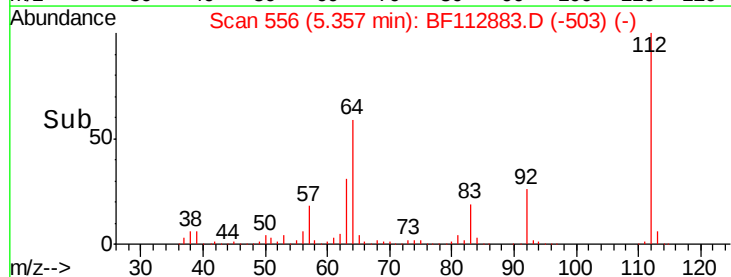
#5

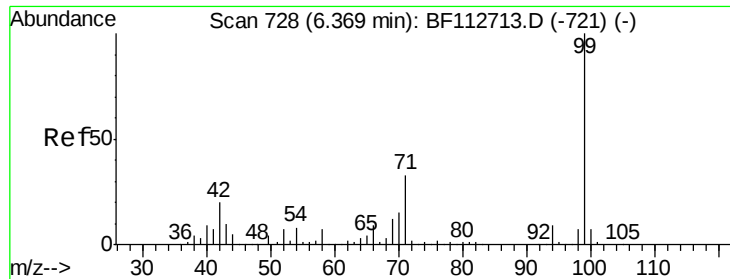
2-Fluorophenol
Concen: 70.620 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Tgt Ion:112 Resp: 1119712
Ion Ratio Lower Upper
112 100
64 58.8 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: 74.460 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112883.D

Acq: 6 Mar 2019 15:45

Instrument :

BNA_F

ClientSampleId :

PB117619BL

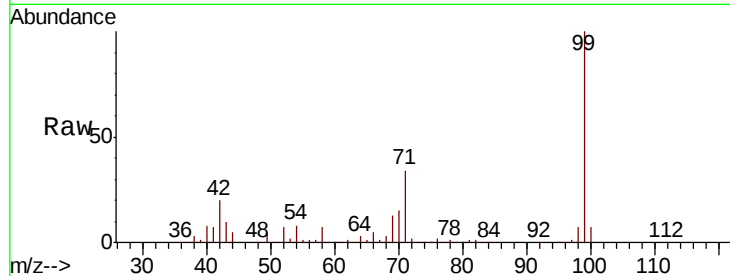
Tgt Ion: 99 Resp: 1483027

Ion Ratio Lower Upper

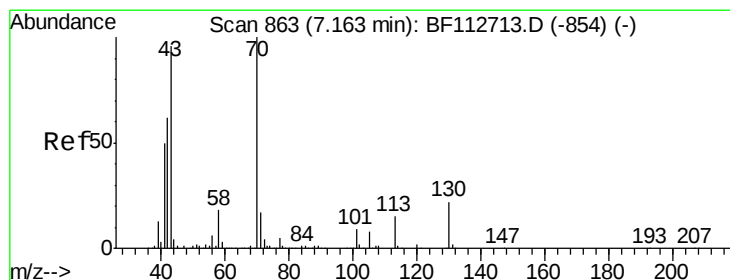
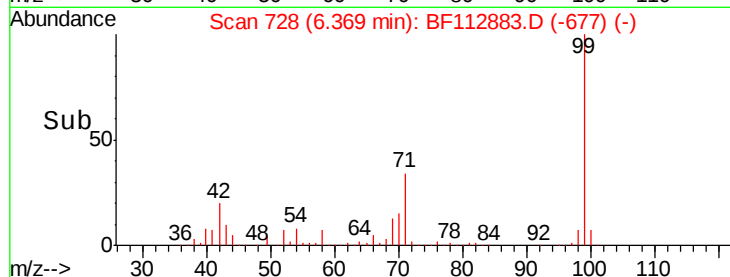
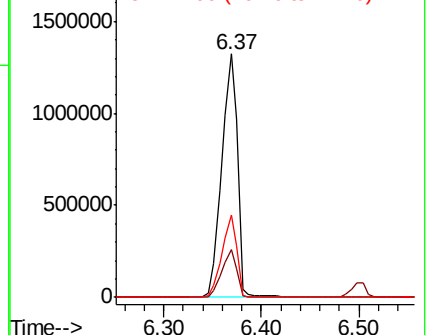
99 100

42 19.8 16.3 24.5

71 33.8 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: 9.740 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112883.D

Acq: 6 Mar 2019 15:45

Tgt Ion: 70 Resp: 122862

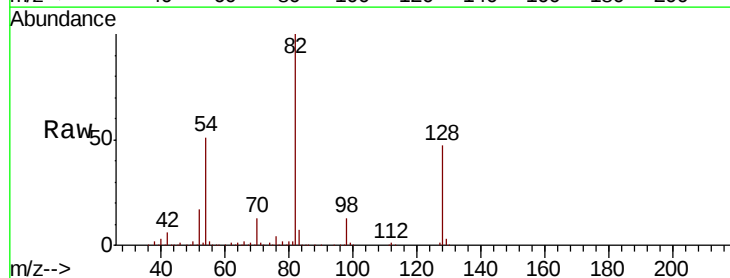
Ion Ratio Lower Upper

70 100

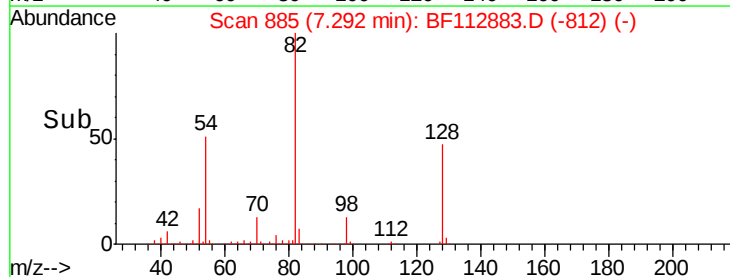
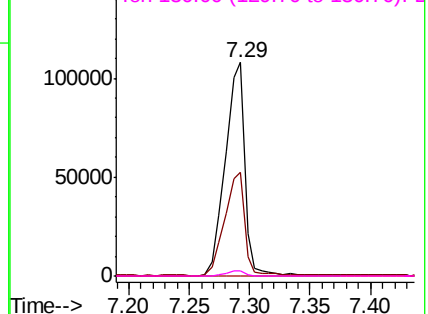
42 48.4 49.9 74.9#

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

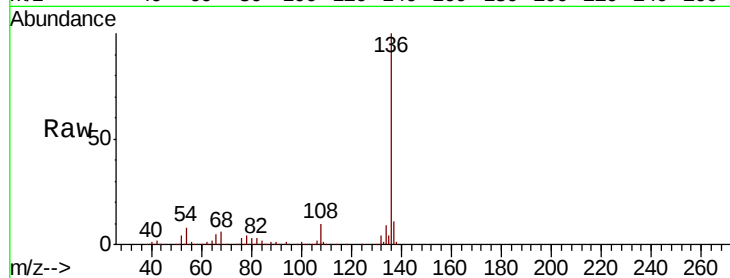




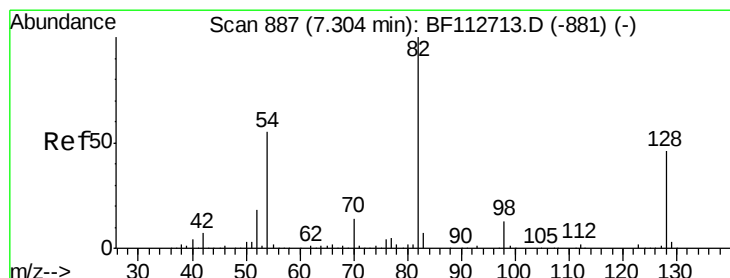
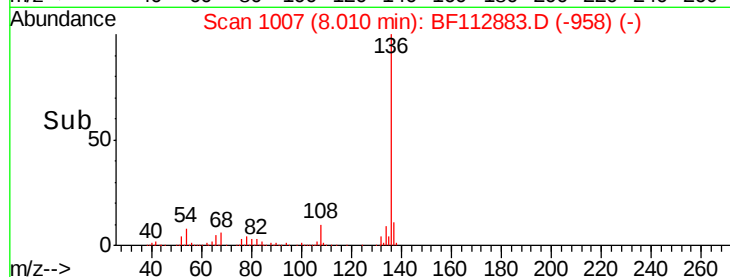
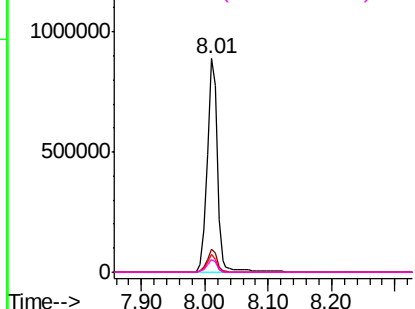
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Instrument :
BNA_F
ClientSampleId :
PB117619BL

Tgt Ion:	136	Resp:	983858
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.4	7.3	10.9
68	6.0	5.4	8.2

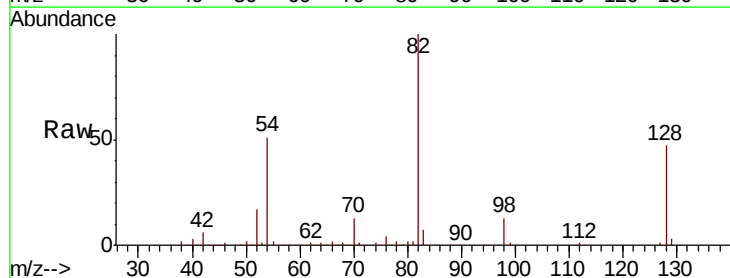


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

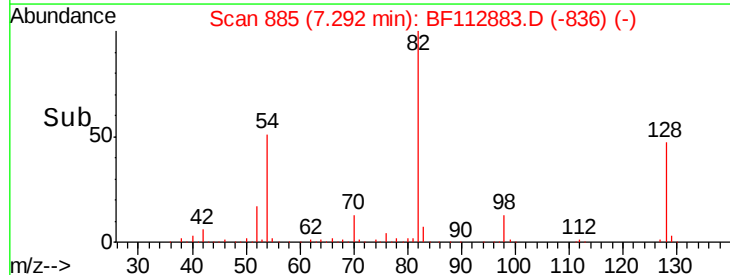
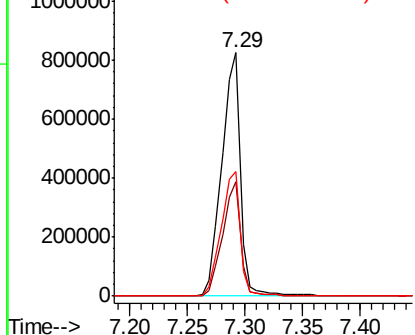


#23
Nitrobenzene-d5
Concen: 56.547 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Tgt Ion:	82	Resp:	929756
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.3	54.5
54	51.3	43.7	65.5



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

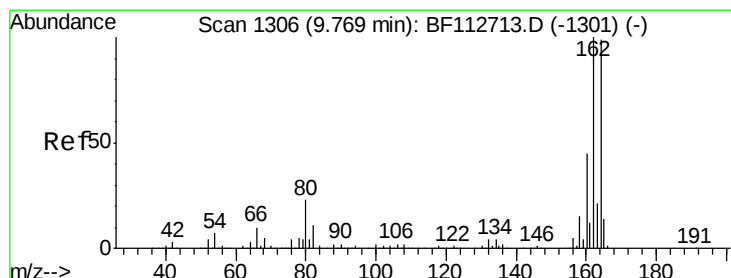
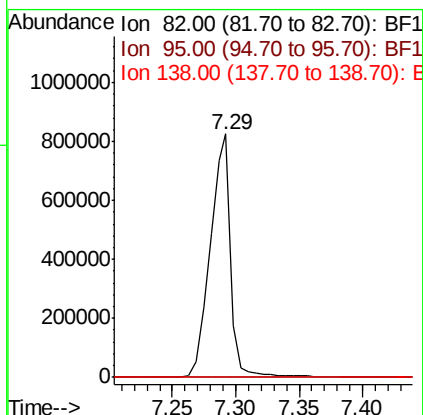
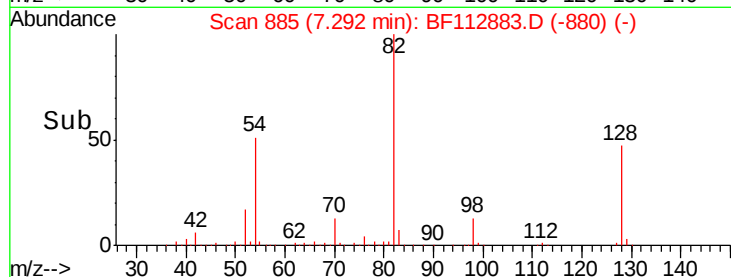
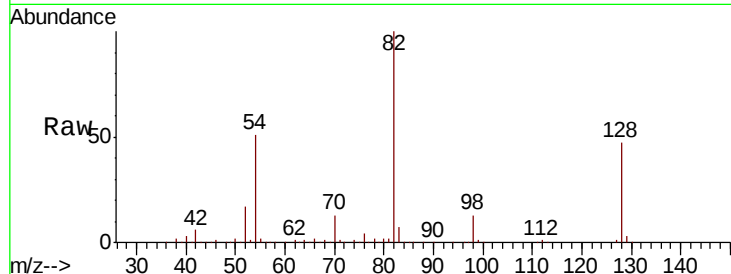




#25
Isophorone
Concen: 25.737 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

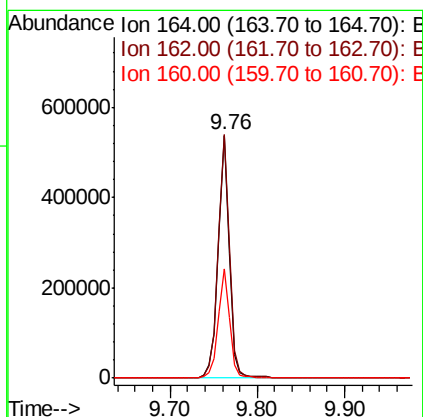
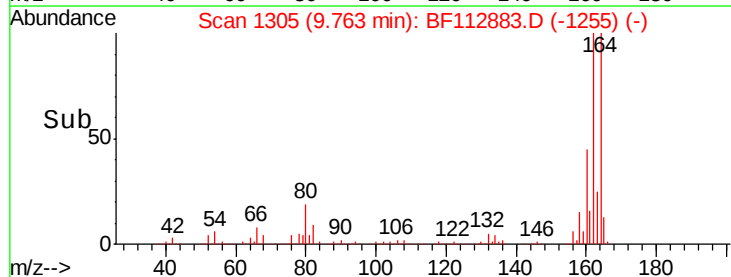
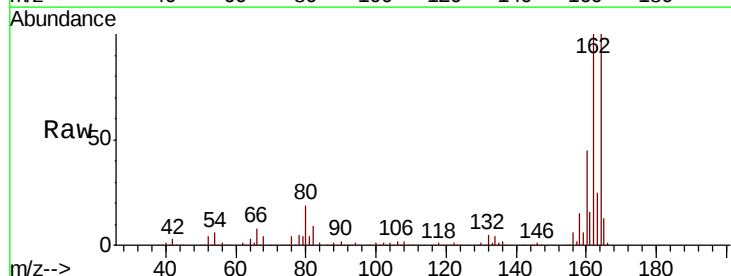
Instrument :
BNA_F
ClientSampleID :
PB117619BL

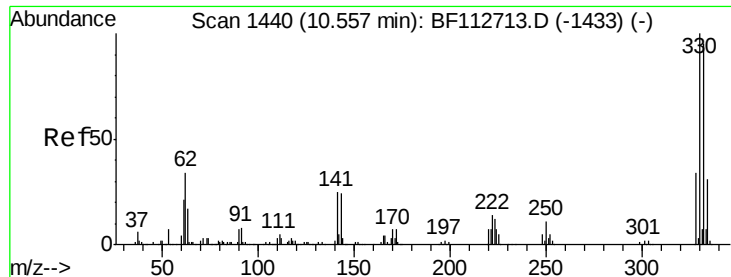
Tgt Ion: 82 Resp: 911638
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Tgt Ion: 164 Resp: 485640
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 96.688 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112883.D

Acq: 6 Mar 2019 15:45

Instrument :

BNA_F

ClientSampleId :

PB117619BL

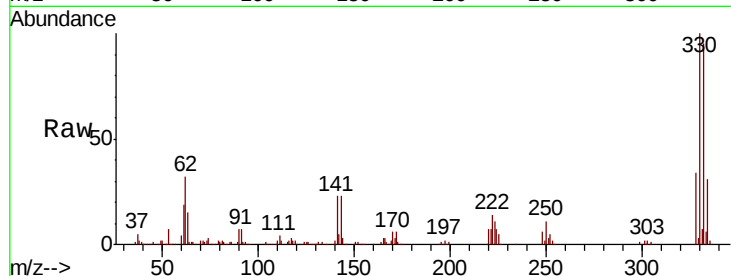
Tgt Ion:330 Resp: 498492

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

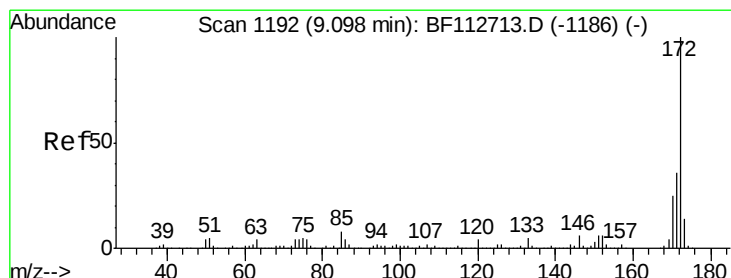
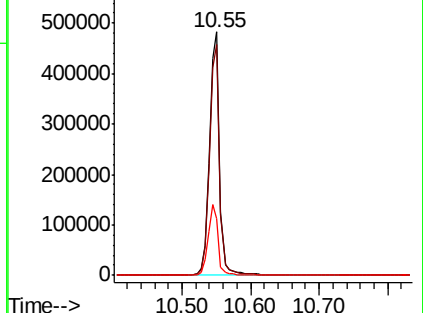
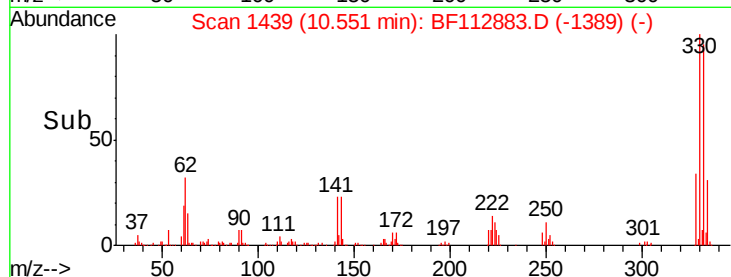
141 29.2 27.0 40.6



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: 55.572 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF112883.D

Acq: 6 Mar 2019 15:45

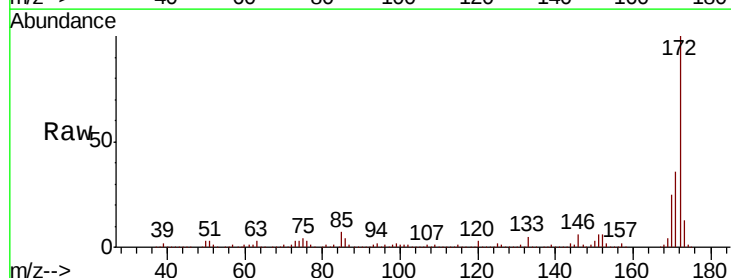
Tgt Ion:172 Resp: 1785038

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

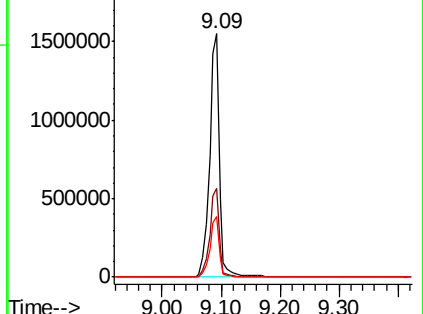
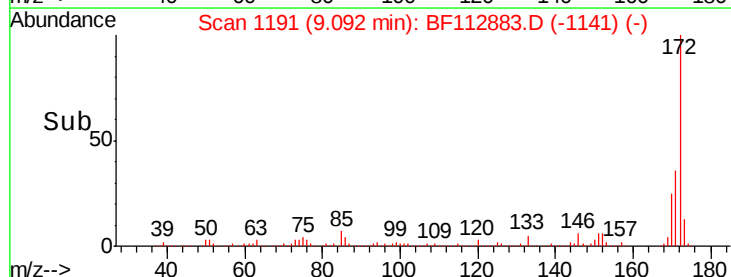
170 24.9 20.0 30.0



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

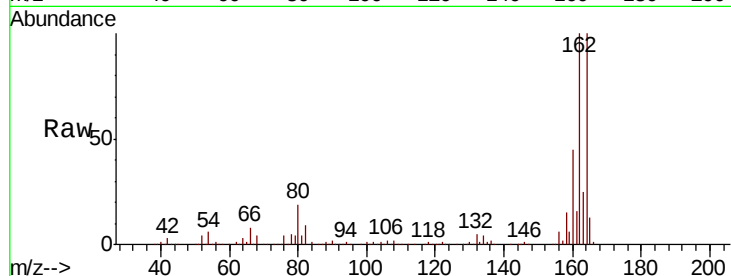




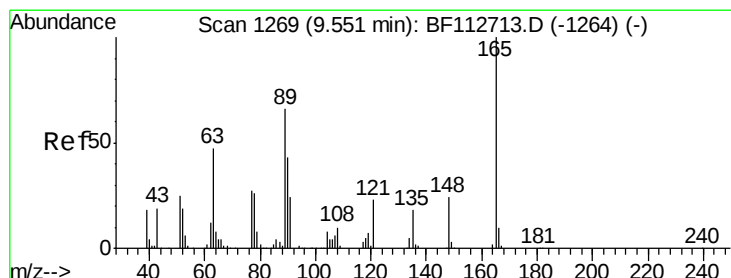
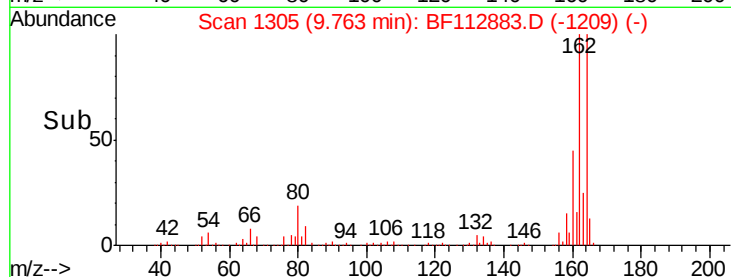
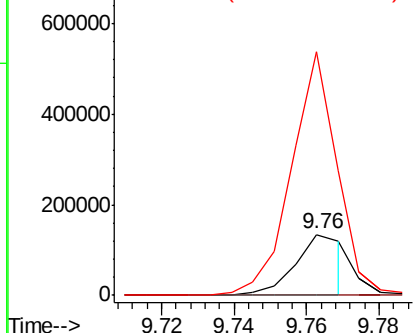
#50
Dimethylphthalate
Concen: 3.449 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Instrument :
BNA_F
ClientSampleId :
PB117619BL

Tgt Ion:163 Resp: 123522
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 399.5 8.4 12.6#

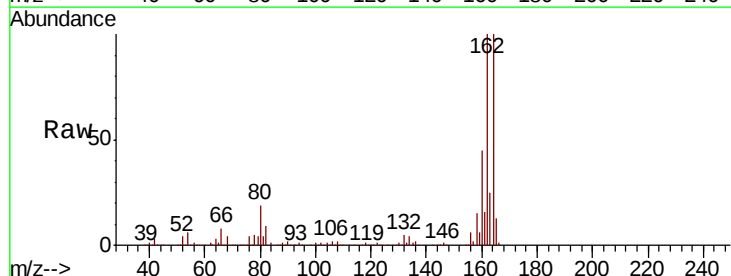


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

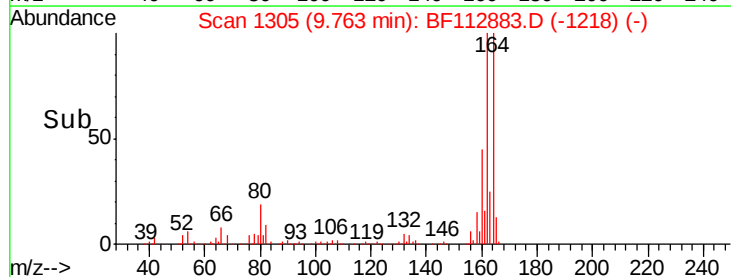
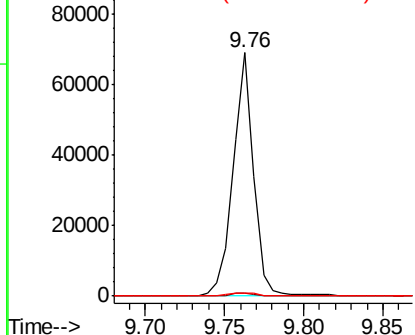


#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Tgt Ion:165 Resp: 62280
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

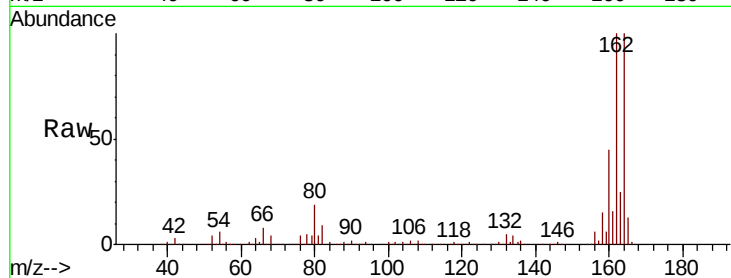




#57
2,4-Dinitrotoluene
Concen: 6.719 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Instrument :
BNA_F
ClientSampleId :
PB117619BL

Tgt 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#



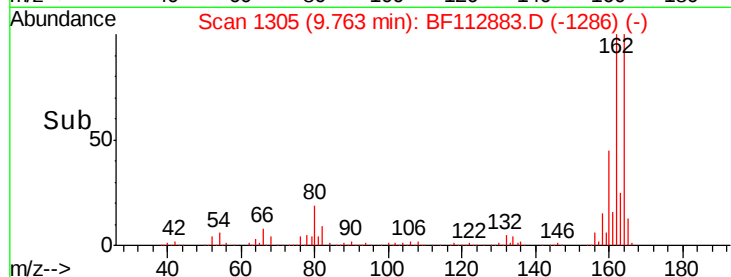
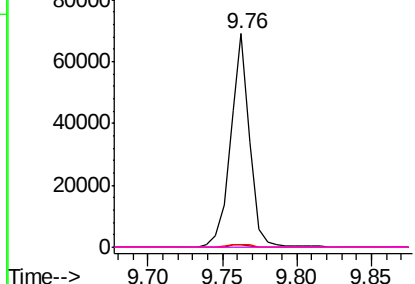
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

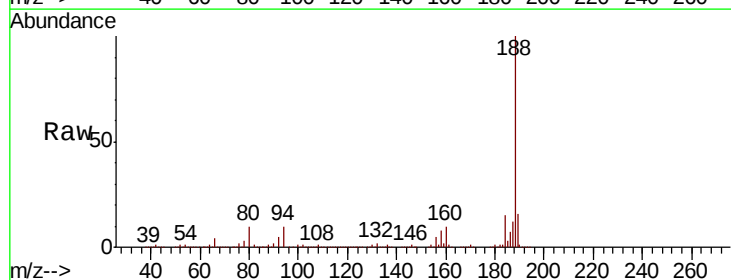
Ion 89.00 (88.70 to 89.70): BF1

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: BF112883.D
Acq: 6 Mar 2019 15:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.0	9.2	13.8

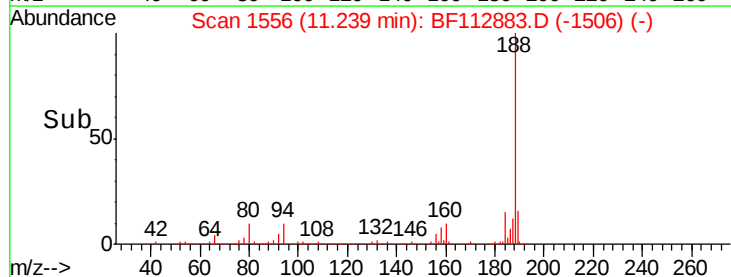
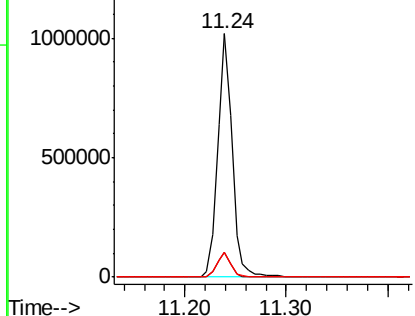


Abundance

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

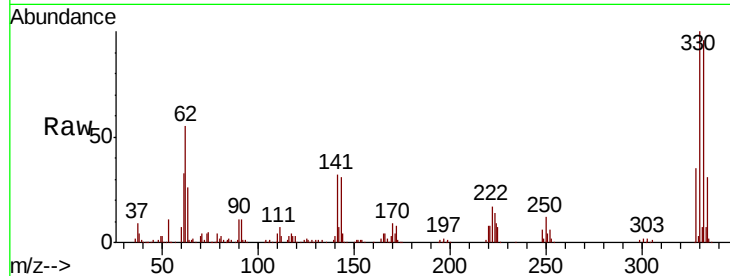




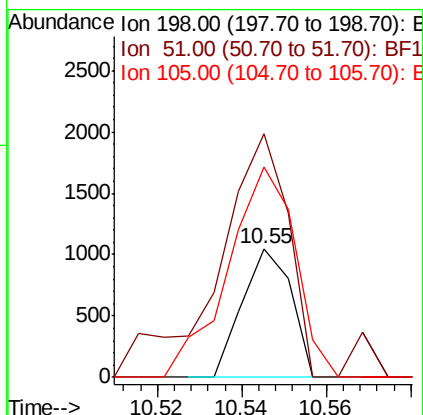
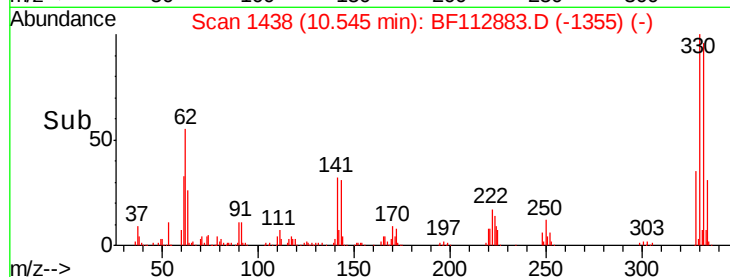
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.798 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112883.D
 Acq: 6 Mar 2019 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB117619BL

Tgt Ion:198 Resp: 846
 Ion Ratio Lower Upper
 198 100
 51 188.8 43.8 83.8#
 105 163.1 36.5 76.5#

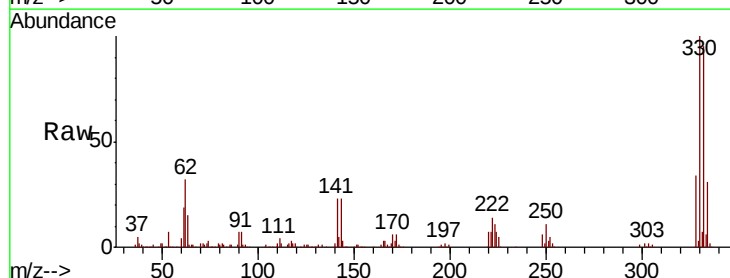


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

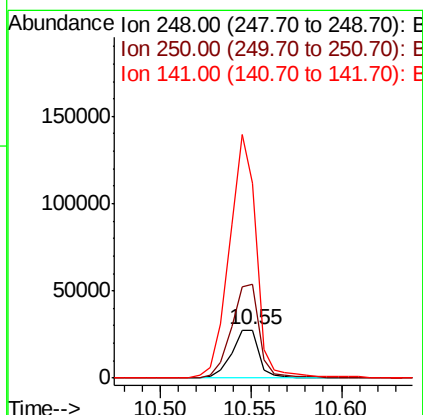
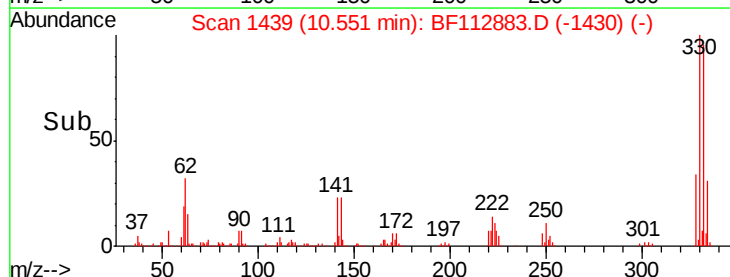


#67
 4-Bromophenyl-phenylether
 Concen: 2.732 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF112883.D
 Acq: 6 Mar 2019 15:45

Tgt Ion:248 Resp: 28934
 Ion Ratio Lower Upper
 248 100
 250 194.7 77.5 116.3#
 141 405.3 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

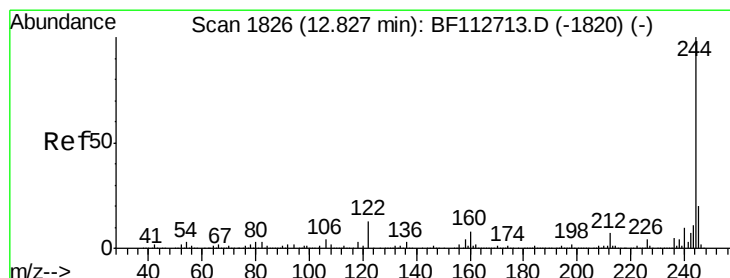
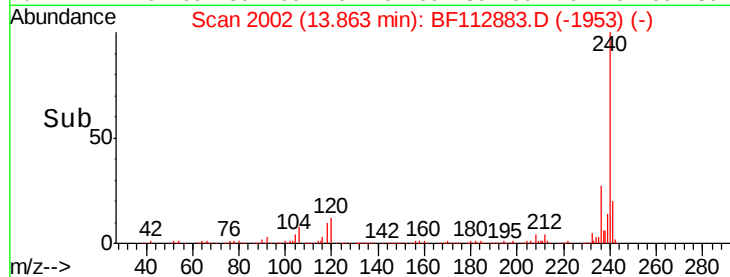
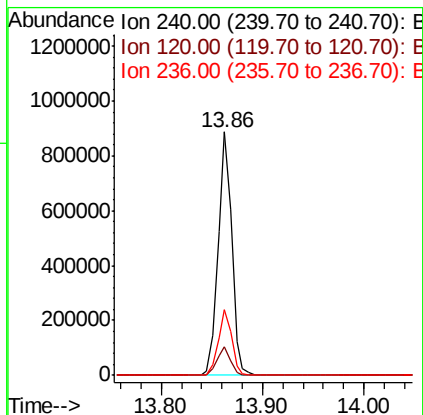
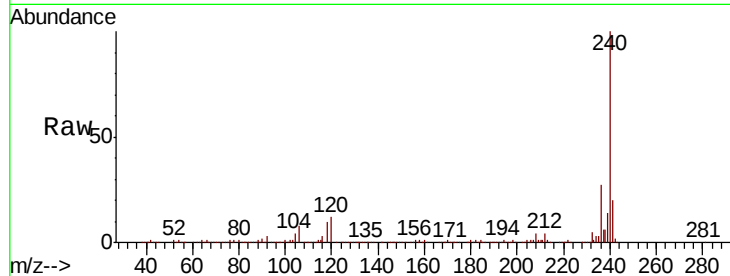




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

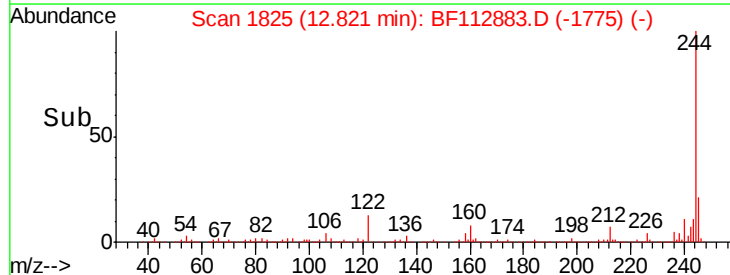
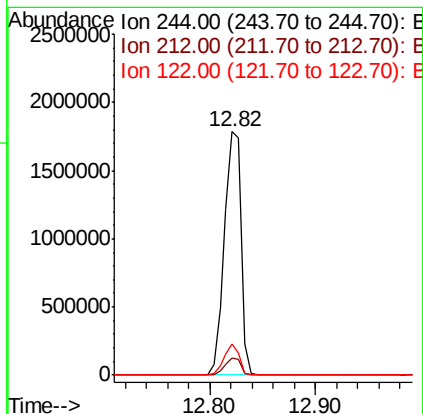
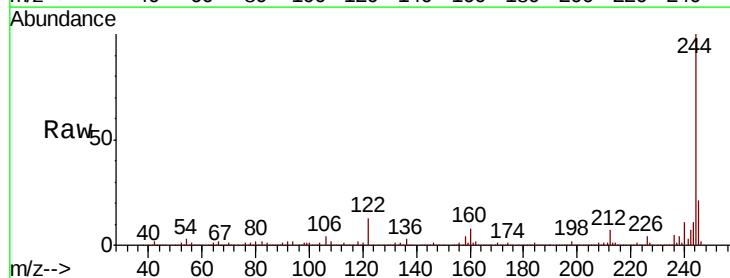
Instrument :
BNA_F
ClientSampleId :
PB117619BL

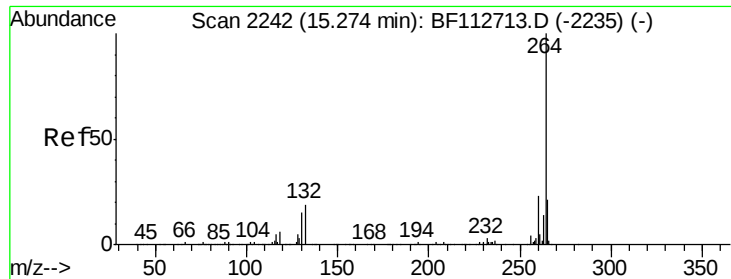
Tgt Ion:240 Resp: 828903
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.8 20.7 31.1



#79
Terphenyl-d14
Concen: 46.206 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Tgt Ion:244 Resp: 1975760
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.7 10.5 15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112883.D
Acq: 6 Mar 2019 15:45

Instrument :
BNA_F
ClientSampleId :
PB117619BL

Tgt Ion: 264 Resp: 693788

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.1	17.2	25.8

