

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112041.D
 Acq On : 12 Jan 2019 3:30
 Operator : JU/SJ
 Sample : K1114-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:17:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

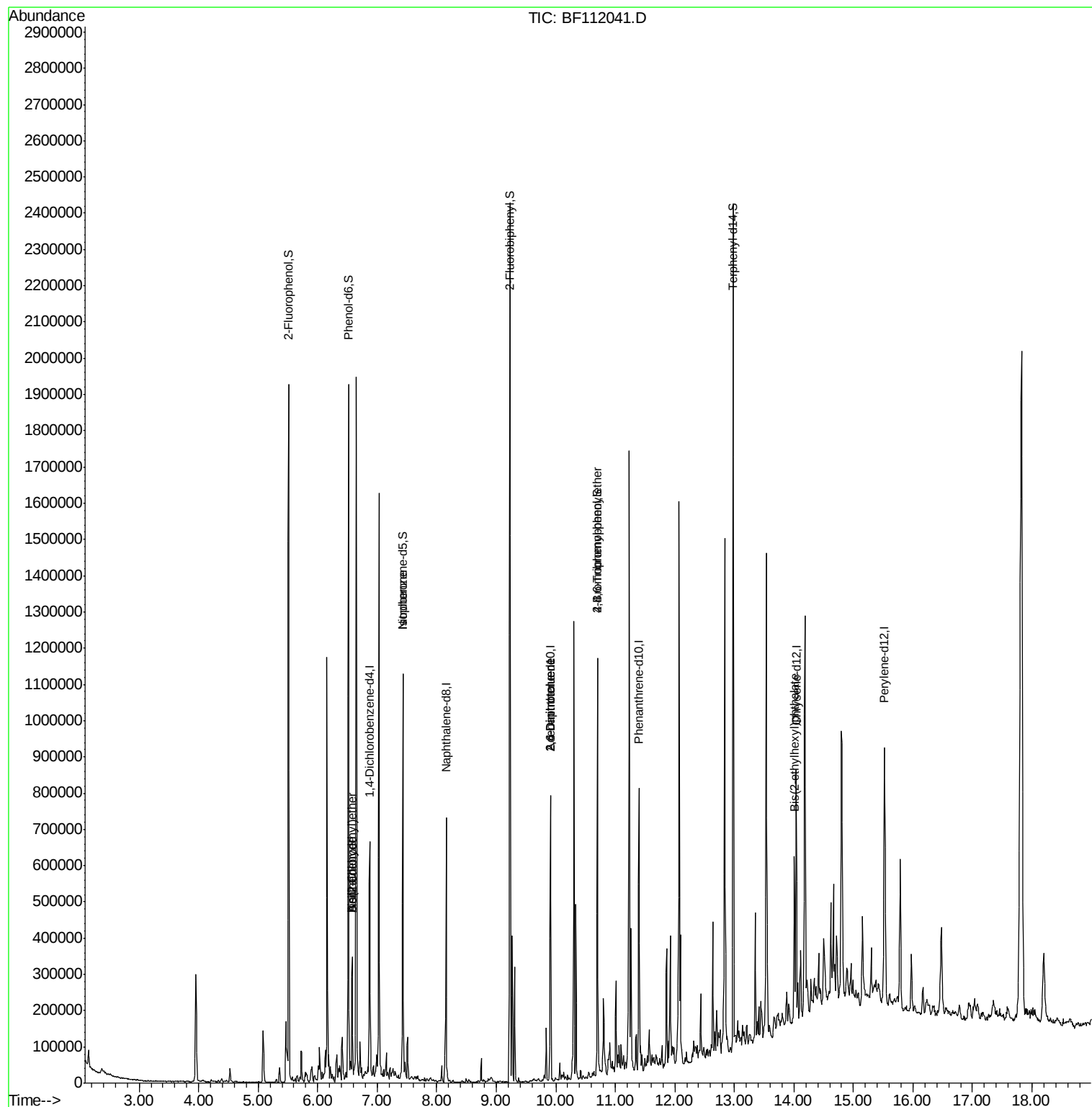
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88633	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	314140	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	141334	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	257638	20.00	ng	0.00
76) Chrysene-d12	14.04	240	203693	20.00	ng	0.00
87) Perylene-d12	15.52	264	145085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	491656	94.90	ng	0.00
7) Phenol-d6	6.52	99	578320	86.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	363849	61.90	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	142886	77.73	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	698136	72.03	ng	0.00
79) Terphenyl-d14	12.98	244	760091	70.83	ng	0.00
Target Compounds						
6) Aniline	6.58	93	60339	7.473	ng	# 24
9) Benzaldehyde	6.58	77	16247	2.570	ng	# 9
11) bis(2-Chloroethyl)ether	6.58	93	60339	10.747	ng	# 19
25) Isophorone	7.43	82	360829	37.910	ng	# 65
51) 2,6-Dinitrotoluene	9.91	165	17808	7.501	ng	# 26
57) 2,4-Dinitrotoluene	9.91	165	17808	5.805	ng	# 27
67) 4-Bromophenyl-phenylether	10.70	248	8627	2.585	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.01	149	30809	3.959	ng	97

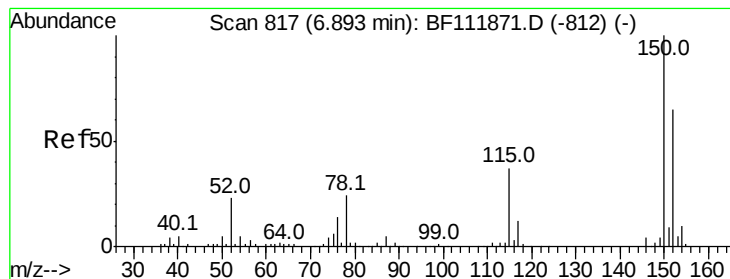
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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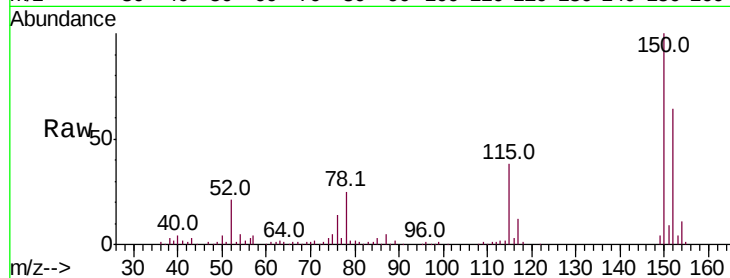


#1

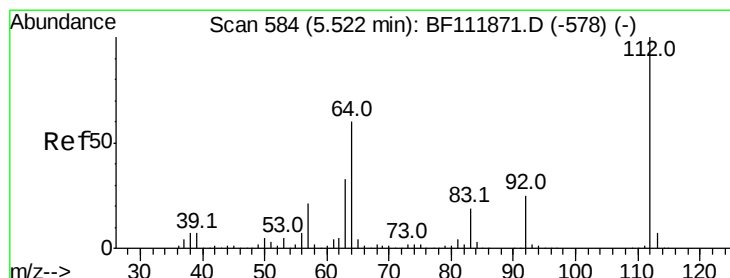
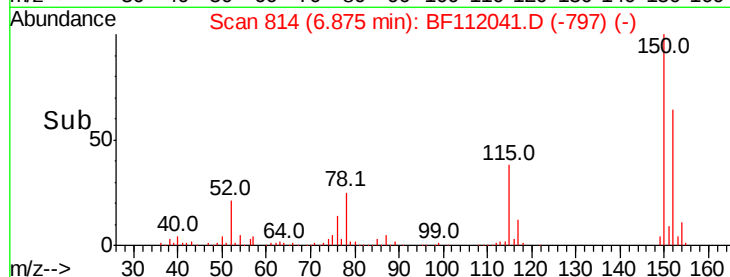
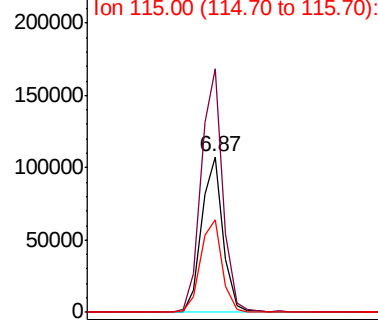
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112041.D
Acq: 12 Jan 2019 3:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 88633
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 59.8 45.2 67.8



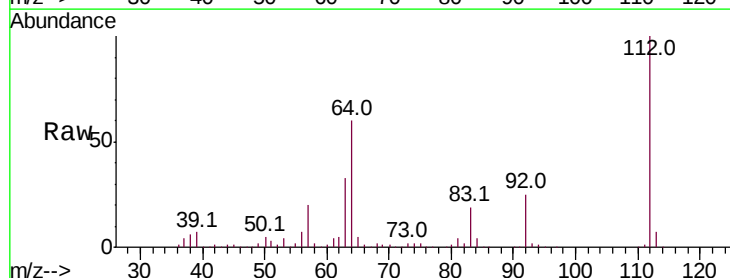
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



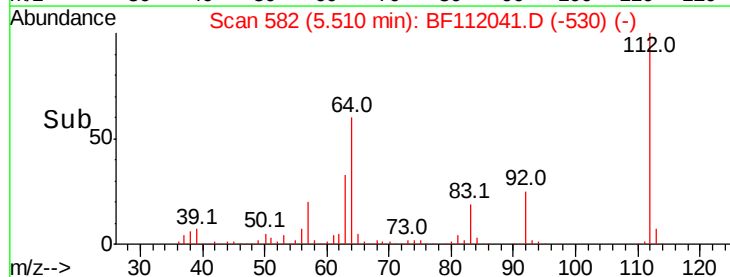
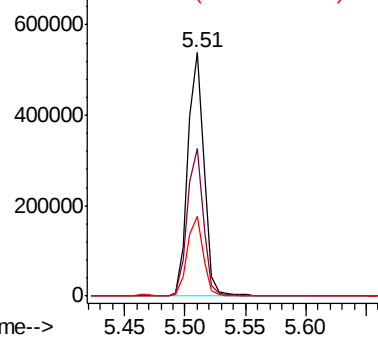
#5

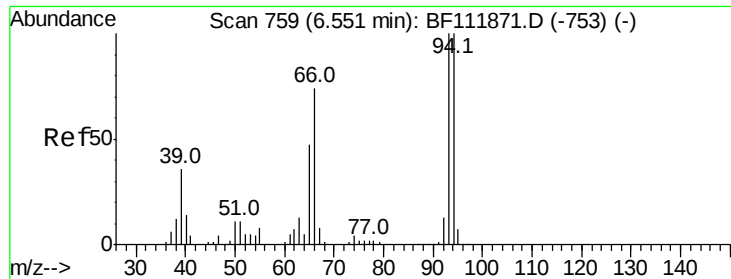
2-Fluorophenol
Concen: 94.901 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112041.D
Acq: 12 Jan 2019 3:30

Tgt Ion:112 Resp: 491656
Ion Ratio Lower Upper
112 100
64 60.5 48.3 72.5
63 33.0 26.1 39.1



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





#6

Aniline

Concen: 7.473 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.05 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

Instrument :

BNA_G

ClientSampled :

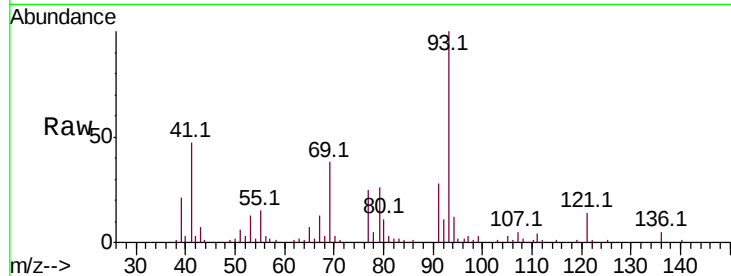
Tot Ion: 93 Resp: 60339

Ion Ratio Lower Upper

93 100

66 2.3 60.0 90.0#

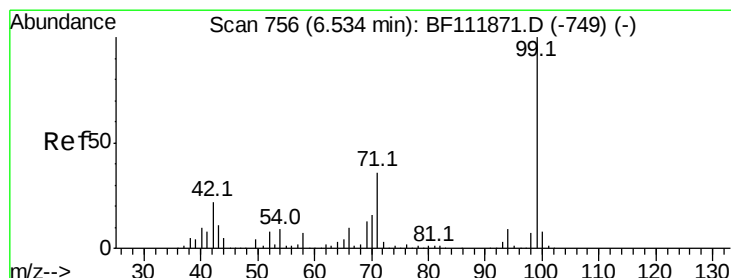
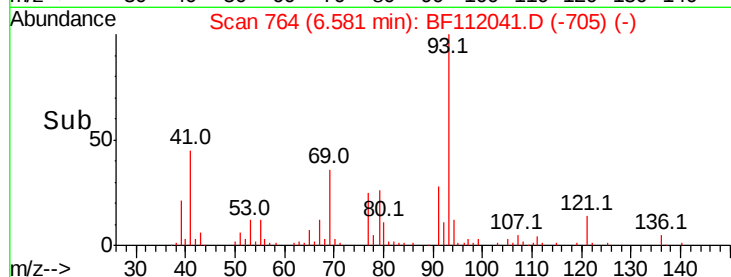
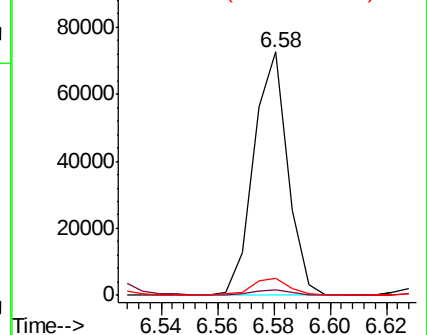
65 6.8 37.5 56.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 86.609 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

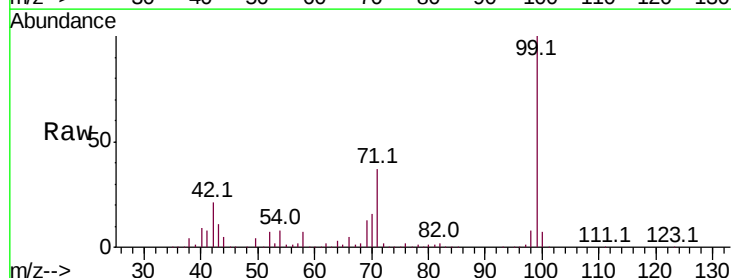
Tgt Ion: 99 Resp: 578320

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

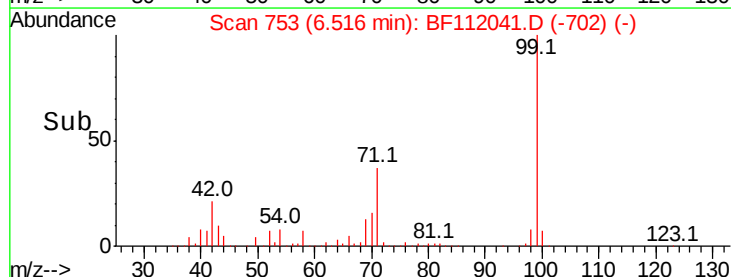
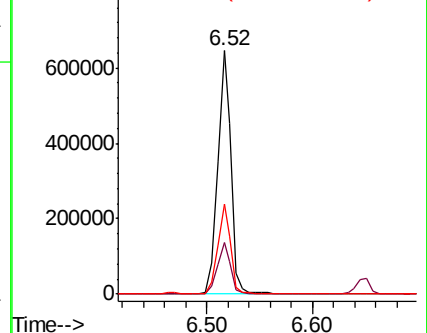
71 37.0 28.7 43.1

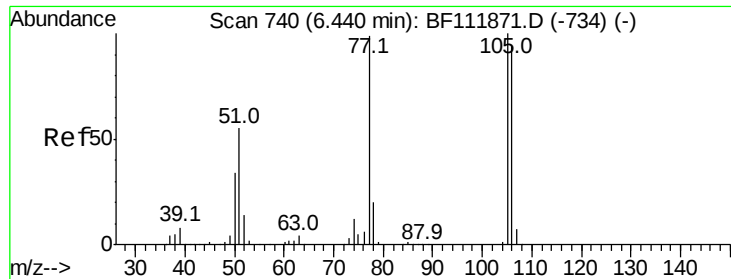


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 2.570 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.16 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

Instrument :

BNA_G

ClientSampled :

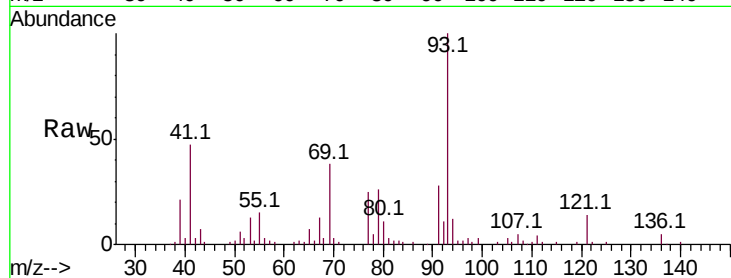
Tot Ion: 77 Resp: 16247

Ion Ratio Lower Upper

77 100

105 12.1 80.6 120.6#

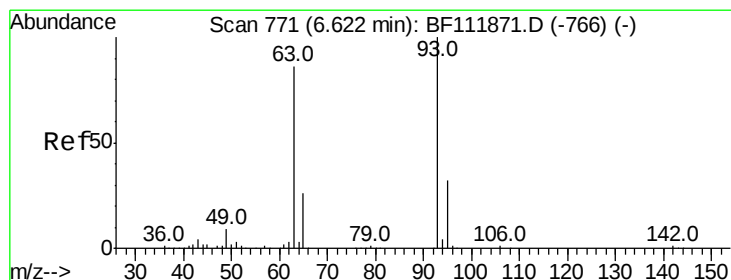
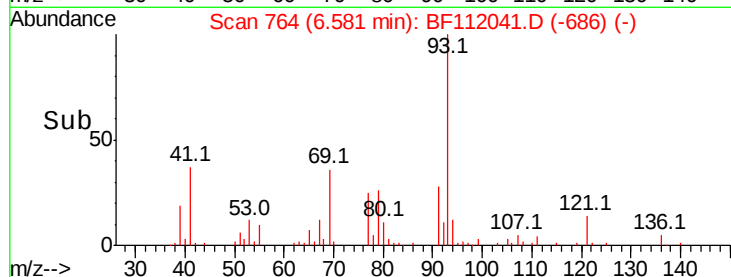
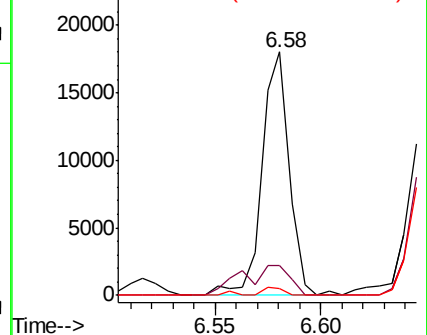
106 2.6 74.6 114.6#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#11

bis(2-Chloroethyl)ether

Concen: 10.747 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

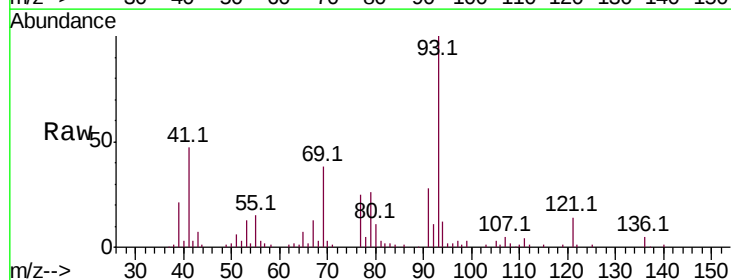
Tgt Ion: 93 Resp: 60339

Ion Ratio Lower Upper

93 100

63 2.0 65.2 105.2#

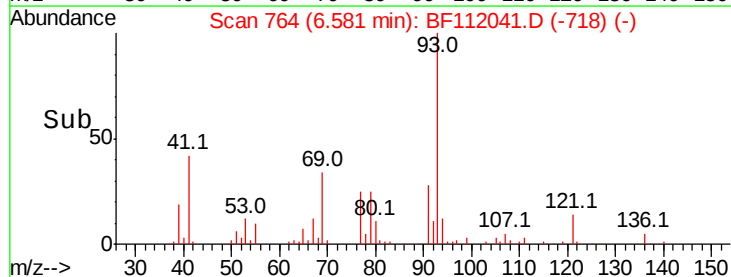
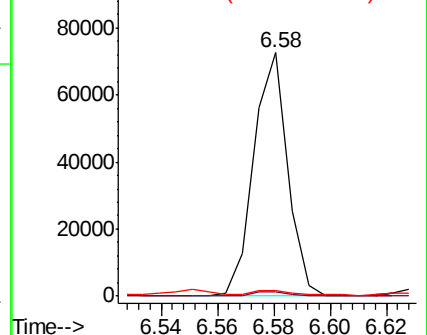
95 2.2 11.9 51.9#

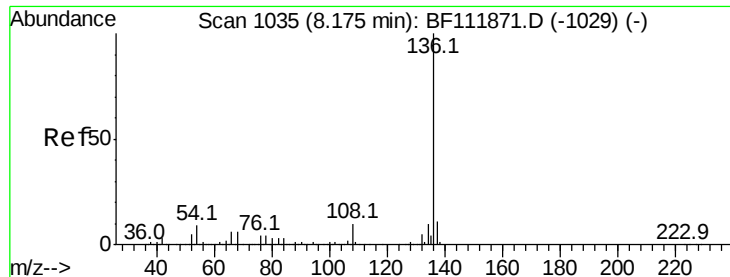


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 314140

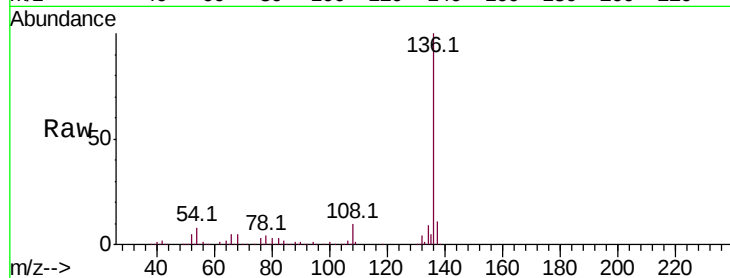
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.7 7.2 10.8

68 4.9 4.4 6.6

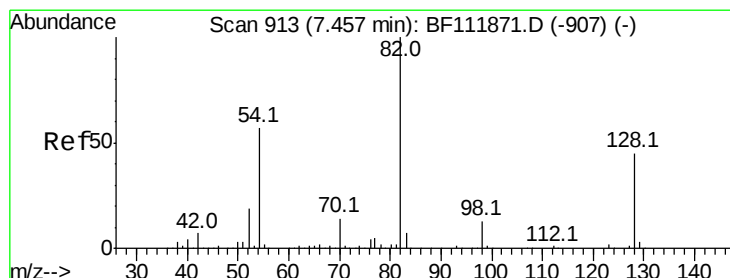
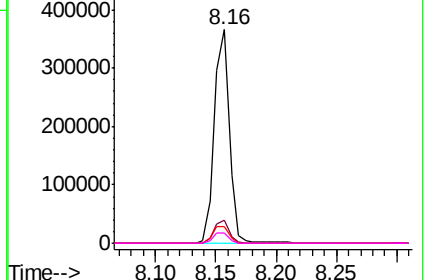
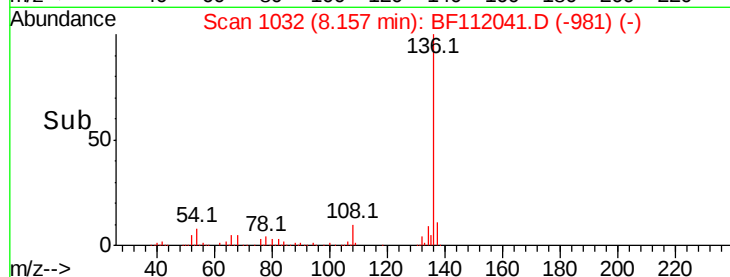


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.902 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

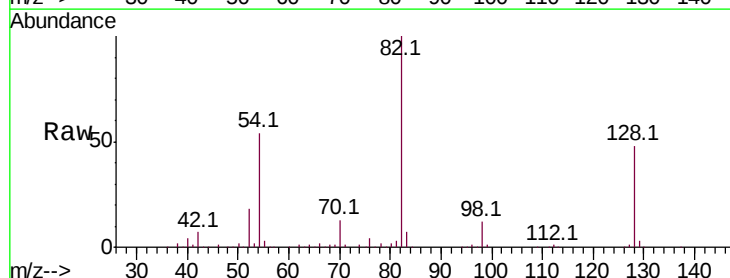
Tgt Ion: 82 Resp: 363849

Ion Ratio Lower Upper

82 100

128 47.6 35.7 53.5

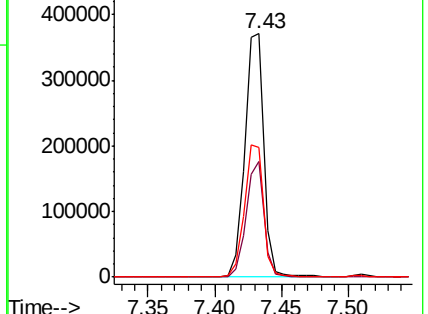
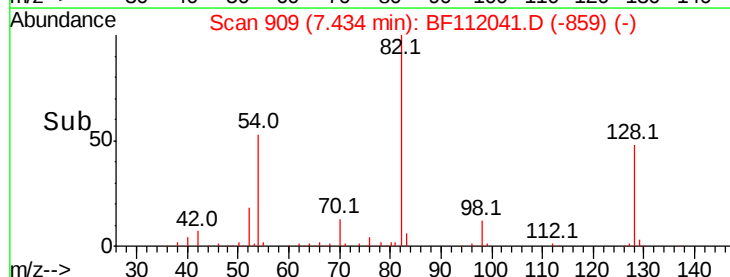
54 53.5 45.8 68.8

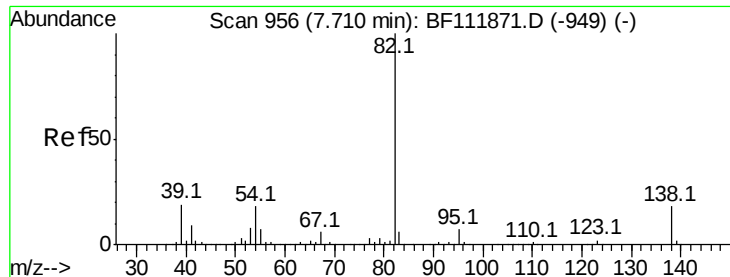


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.910 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

Instrument :

BNA_G

ClientSampled :

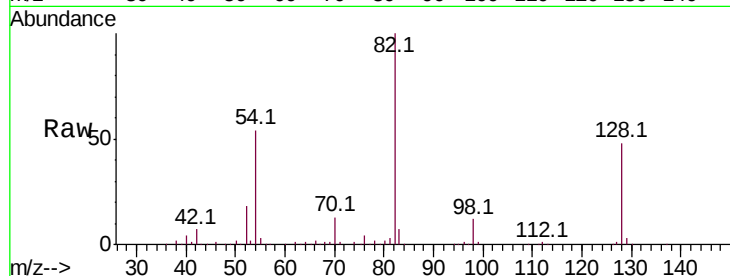
Tot Ion: 82 Resp: 360829

Ion Ratio Lower Upper

82 100

95 0.2 5.8 8.6#

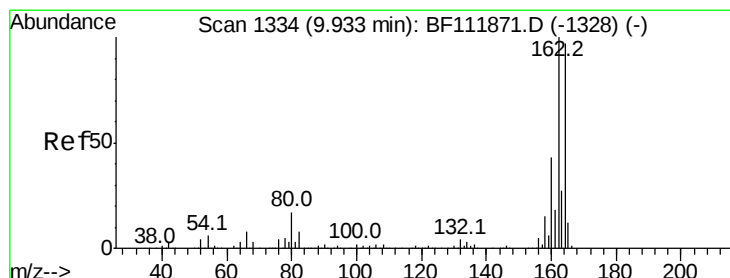
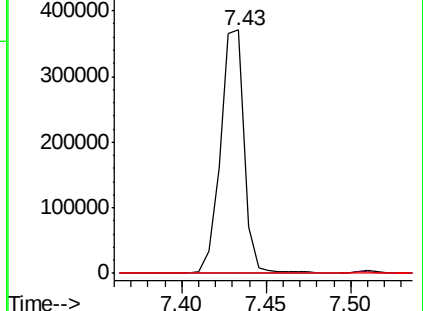
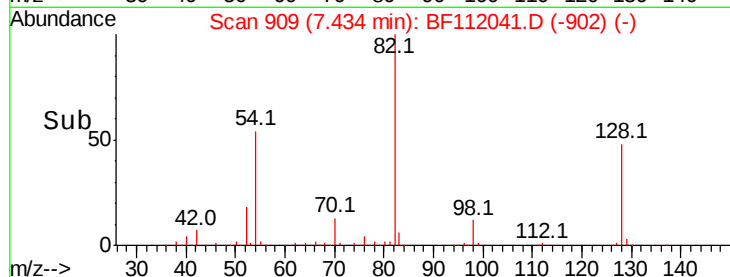
138 0.0 14.4 21.6#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

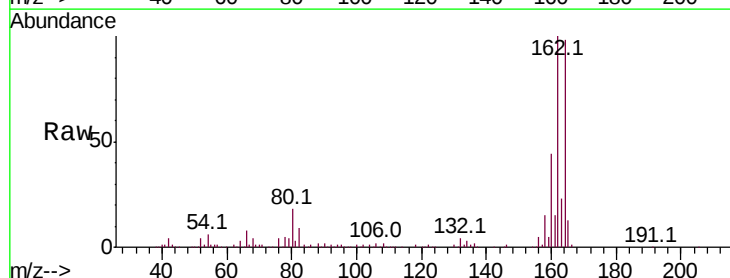
Tgt Ion:164 Resp: 141334

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.2

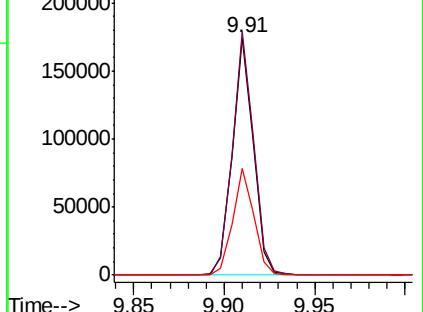
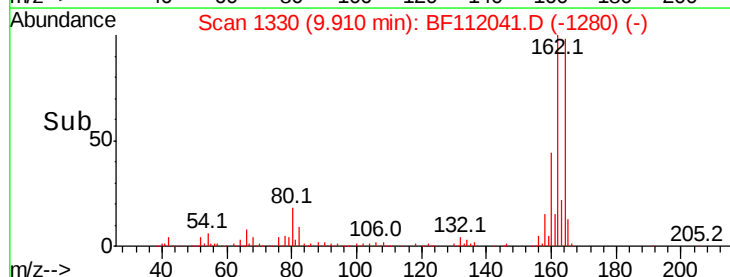
160 44.7 35.5 53.3

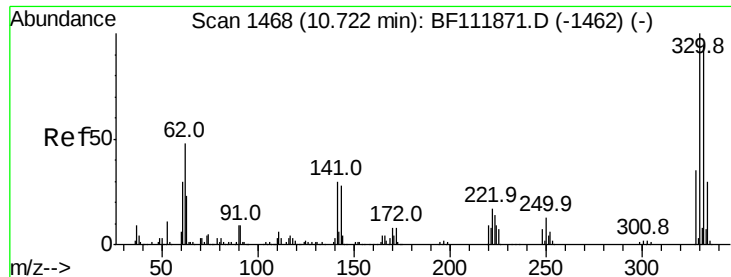


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

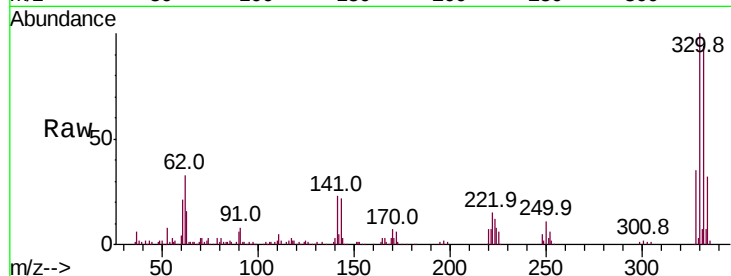




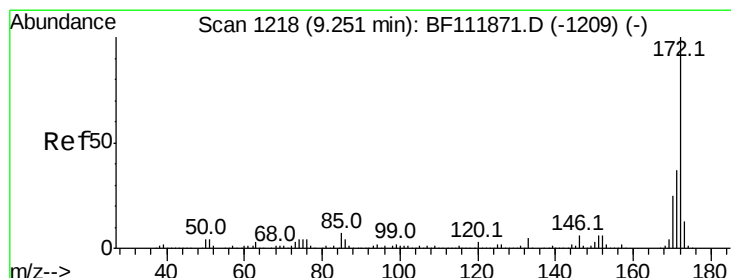
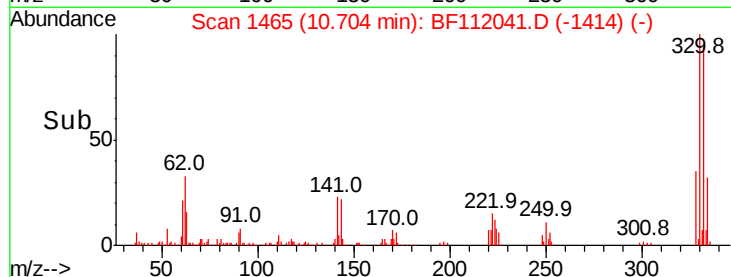
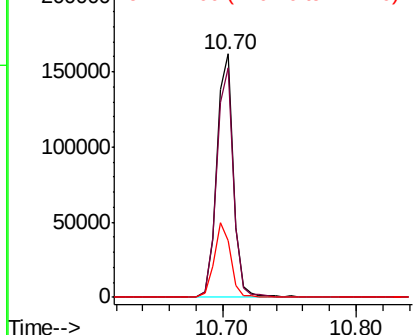
#42
 2,4,6-Tribromophenol
 Concen: 77.726 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112041.D
 Acq: 12 Jan 2019 3:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	30.4	23.7	35.5

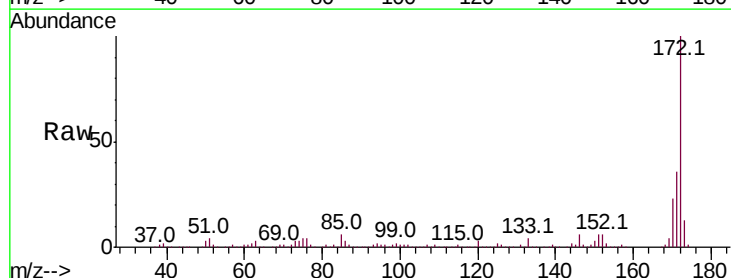


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

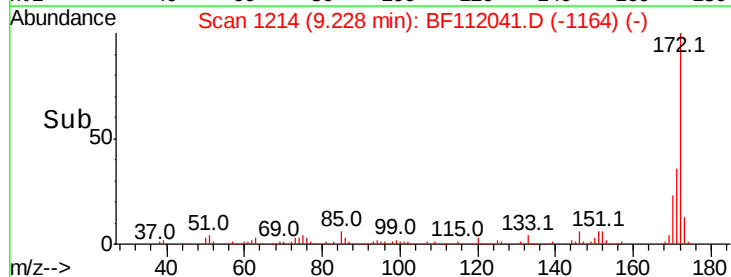
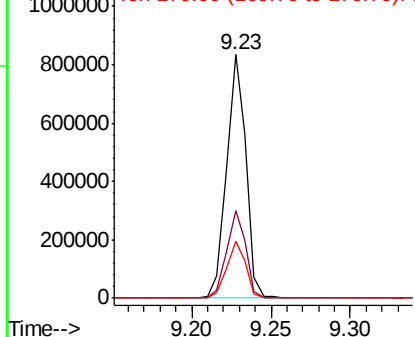


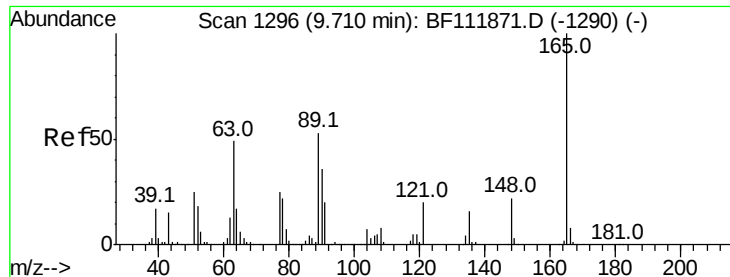
#45
 2-Fluorobiphenyl
 Concen: 72.030 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112041.D
 Acq: 12 Jan 2019 3:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8



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

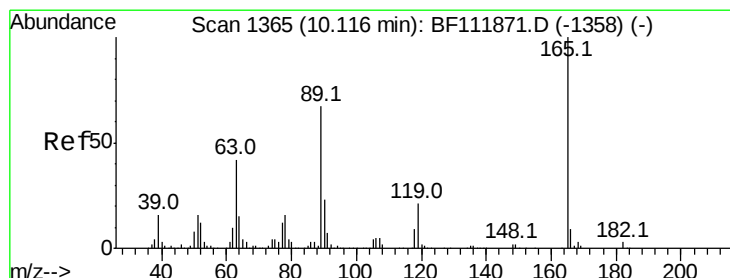
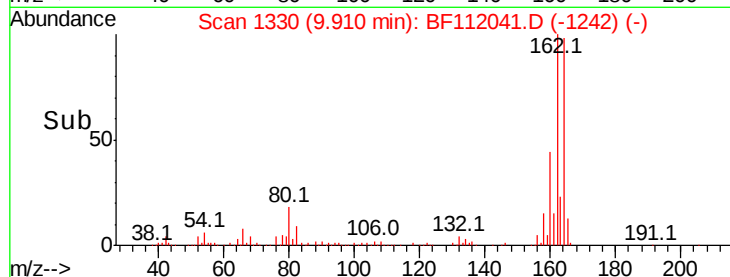
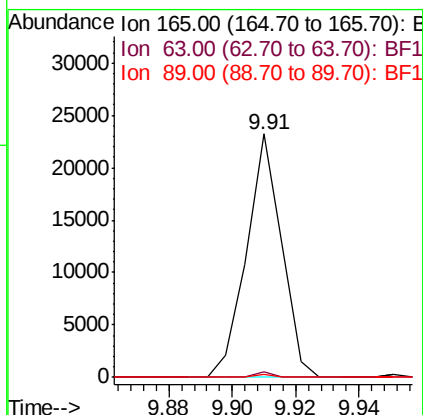
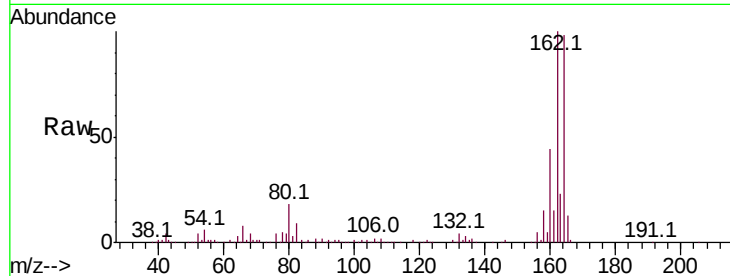




#51
 2,6-Dinitrotoluene
 Concen: 7.501 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.22 min
 Lab File: BF112041.D
 Acq: 12 Jan 2019 3:30

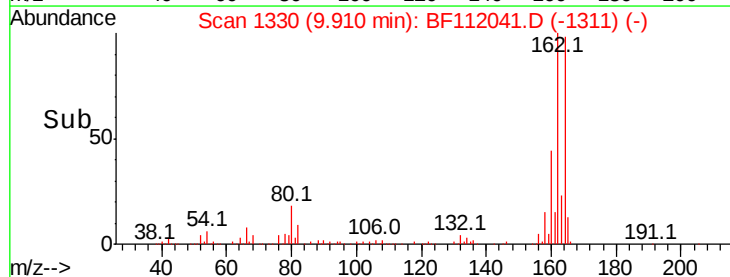
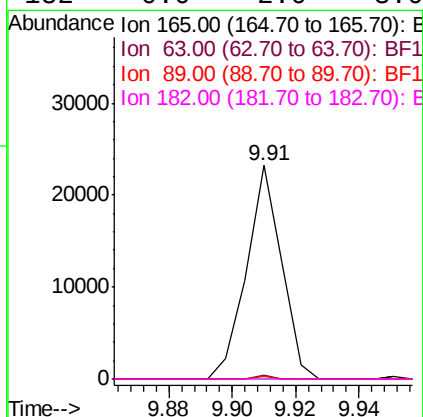
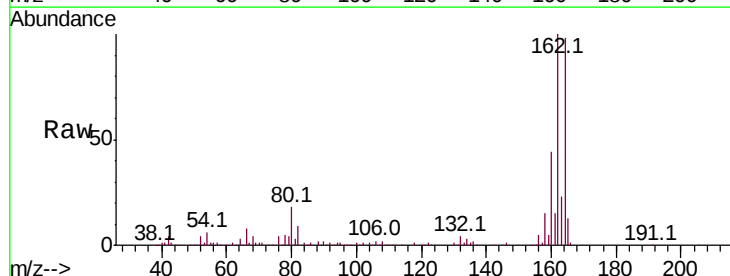
Instrument :
 BNA_G
 ClientSampleId :

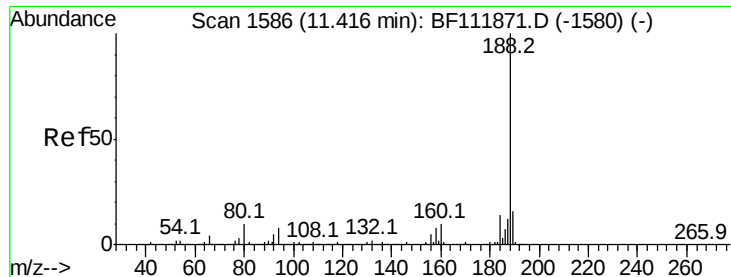
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	46.2	69.2#
89	1.4	42.2	63.2#



#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF112041.D
 Acq: 12 Jan 2019 3:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.1	51.1#
89	1.4	53.5	80.3#
182	0.0	2.0	3.0#

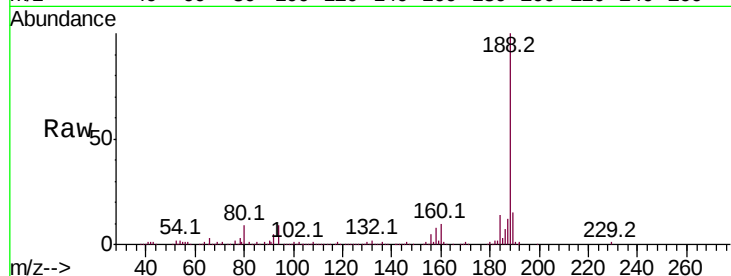




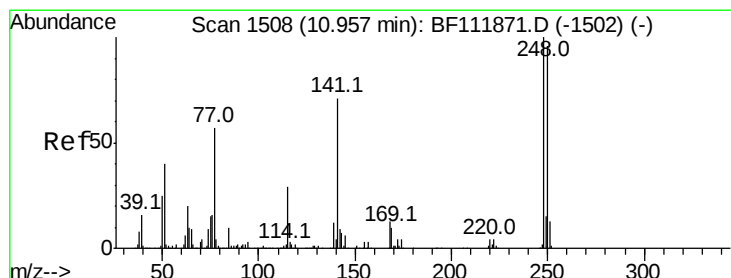
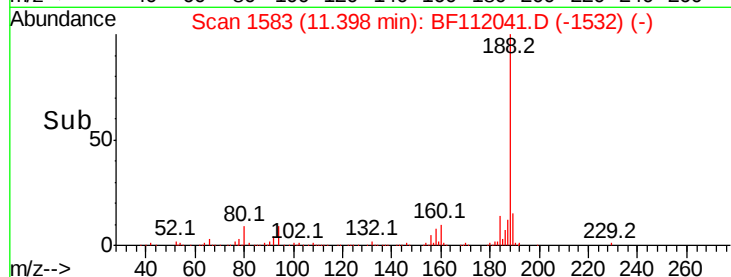
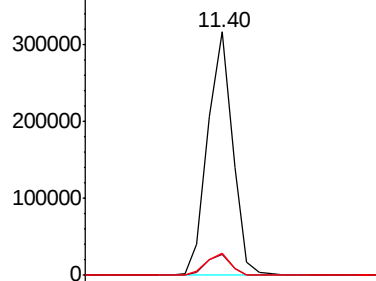
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112041.D
Acq: 12 Jan 2019 3:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 257638
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.1 7.7 11.5

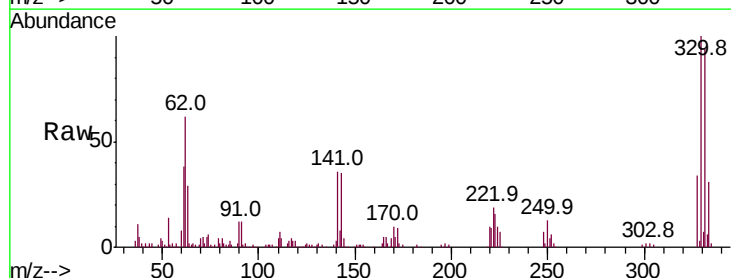


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

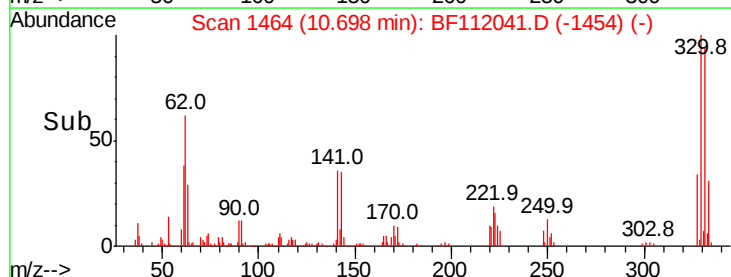
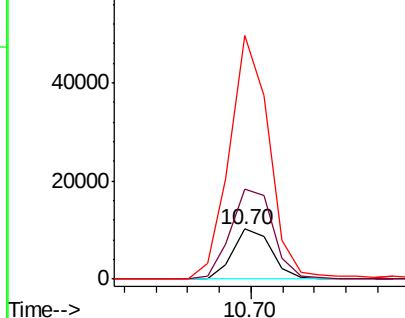


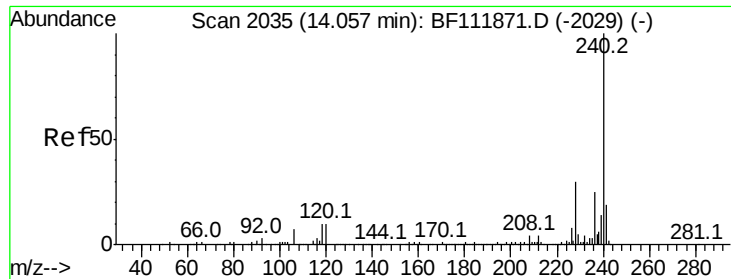
#67
4-Bromophenyl-phenylether
Concen: 2.585 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF112041.D
Acq: 12 Jan 2019 3:30

Tgt Ion:248 Resp: 8627
Ion Ratio Lower Upper
248 100
250 180.0 76.8 115.2#
141 485.0 57.0 85.6#



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

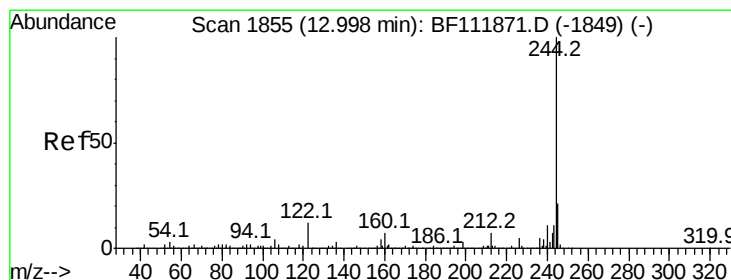
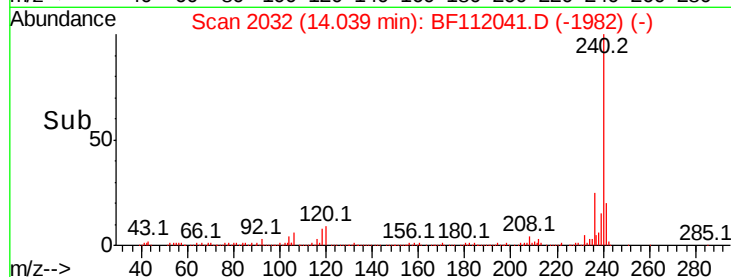
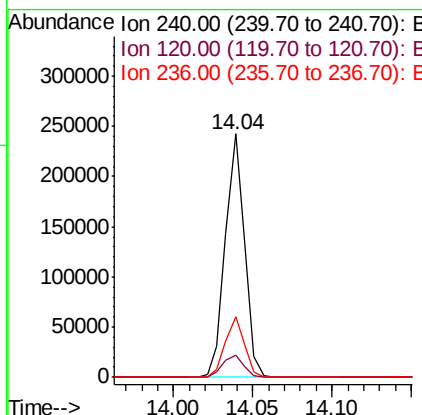
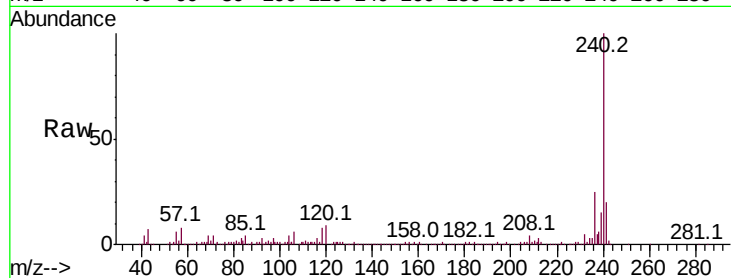




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112041.D
 Acq: 12 Jan 2019 3:30

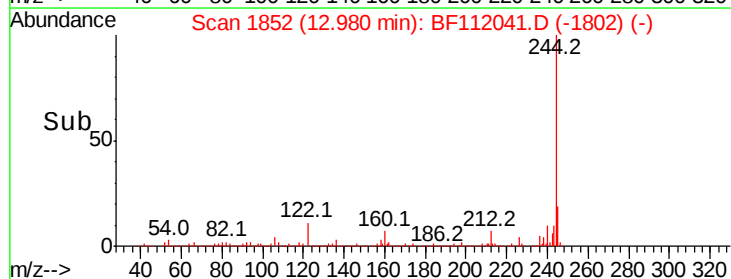
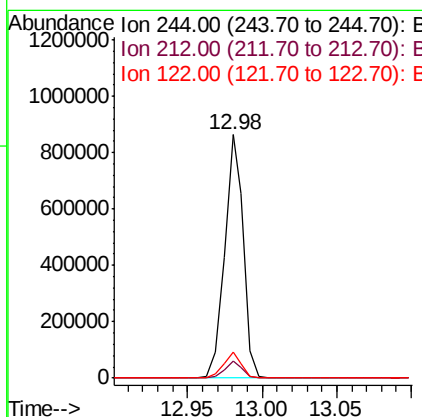
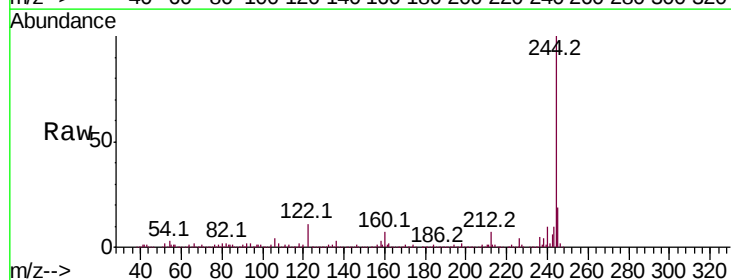
Instrument :
 BNA_G
 ClientSampleId :

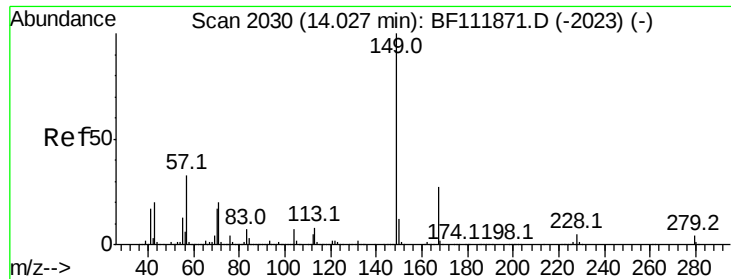
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	24.9	20.2	30.4



#79
 Terphenyl-d14
 Concen: 70.833 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF112041.D
 Acq: 12 Jan 2019 3:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.8	9.5	14.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.959 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

Instrument :

BNA_G

ClientSampleId :

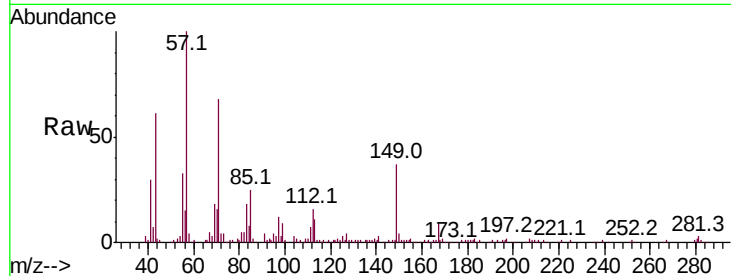
Tot Ion:149 Resp: 30809

Ion Ratio Lower Upper

149 100

167 25.3 21.5 32.3

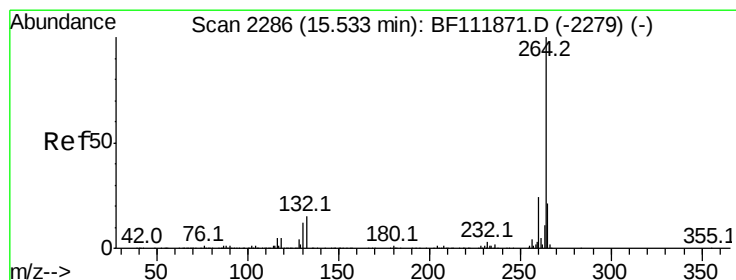
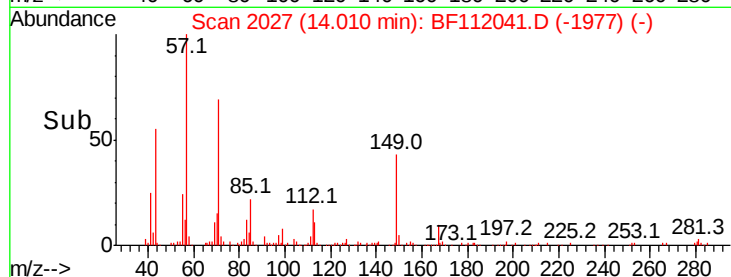
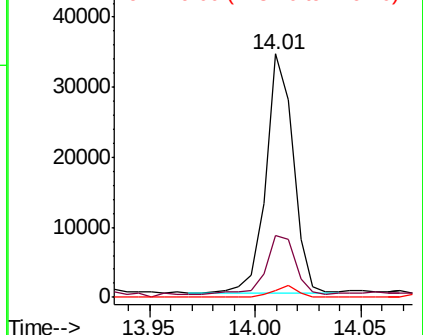
279 3.0 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112041.D

Acq: 12 Jan 2019 3:30

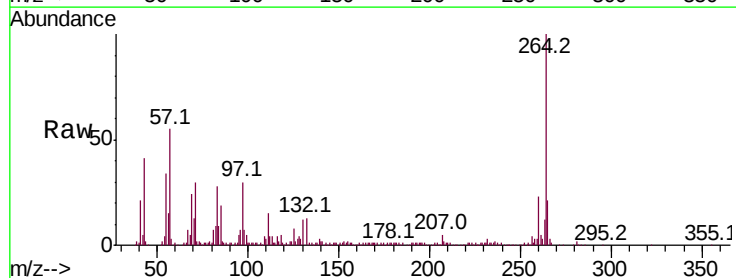
Tgt Ion:264 Resp: 145085

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.6 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

