

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044608.D
 Acq On : 26 Feb 2020 18:05
 Operator : CG/JU
 Sample : L1676-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:43:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

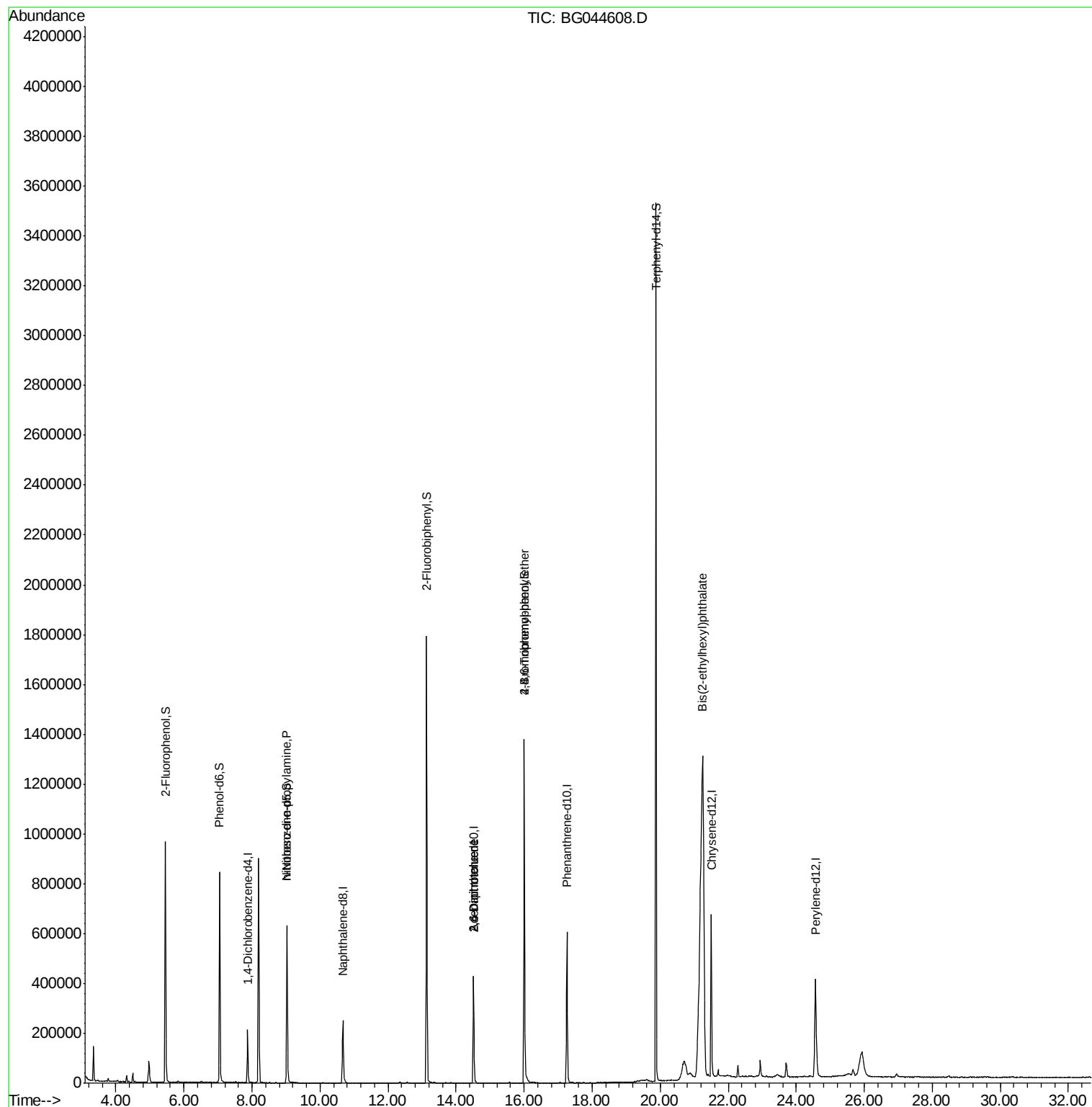
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62819	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	253120	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	165203	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	406395	20.00	ng	0.00
76) Chrysene-d12	21.50	240	411978	20.00	ng	0.00
87) Perylene-d12	24.56	264	435954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	491095	125.43	ng	0.00
7) Phenol-d6	7.05	99	561728	104.81	ng	0.00
23) Nitrobenzene-d5	9.03	82	424342	86.37	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	310059	132.37	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	967706	83.88	ng	0.00
79) Terphenyl-d14	19.88	244	1770713	81.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.03	70	53390	15.498	ng	# 78
51) 2,6-Dinitrotoluene	14.51	165	21742	7.393	ng	# 32
57) 2,4-Dinitrotoluene	14.51	165	21742	5.259	ng	# 30
67) 4-Bromophenyl-phenylether	16.00	248	21048	4.172	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.25	149	106018	5.882	ng	# 54

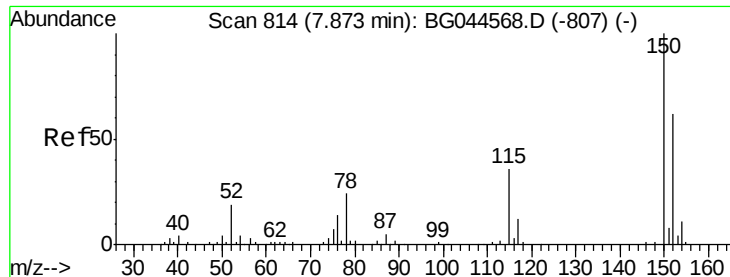
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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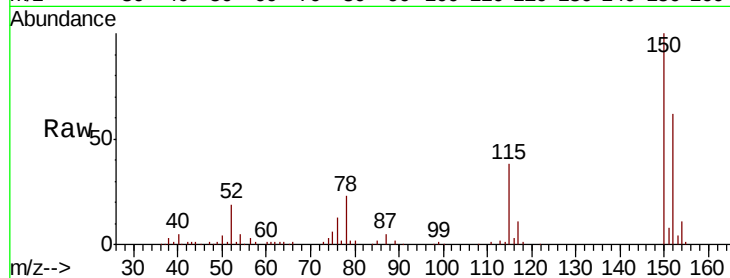


#1

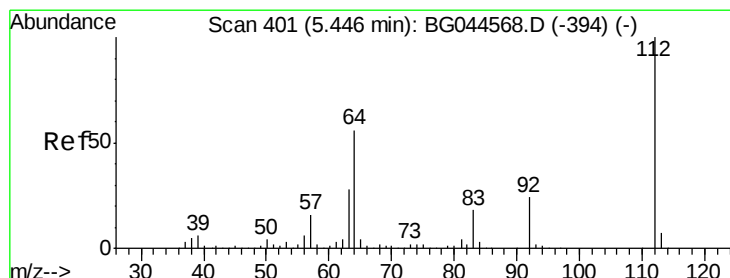
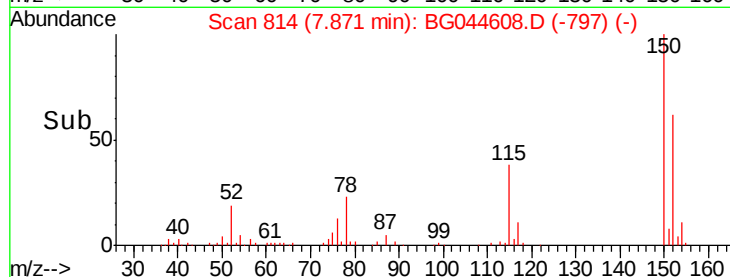
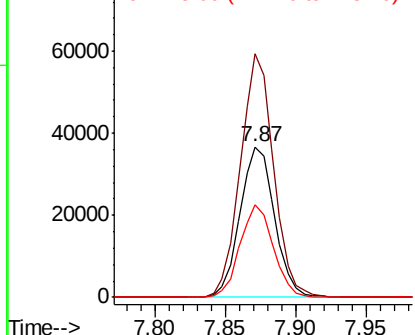
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 62819
 Ion Ratio Lower Upper
 152 100
 150 161.8 128.9 193.3
 115 61.5 47.0 70.4



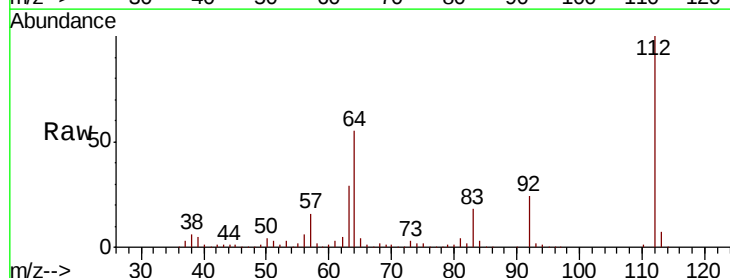
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



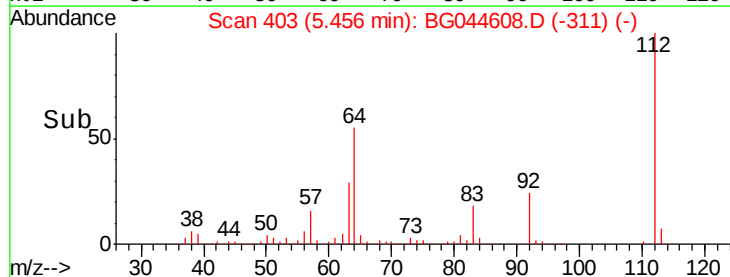
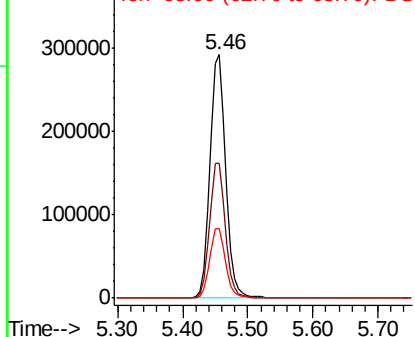
#5

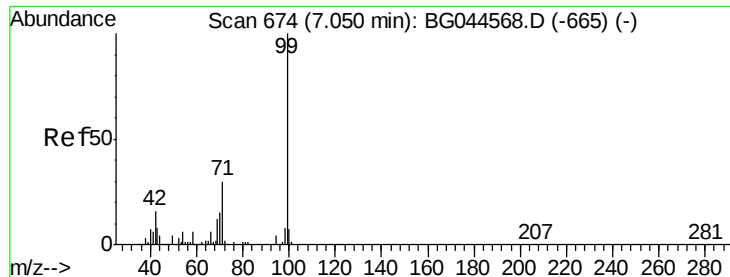
2-Fluorophenol
 Concen: 125.431 ng
 RT: 5.46 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Tgt Ion:112 Resp: 491095
 Ion Ratio Lower Upper
 112 100
 64 55.2 44.8 67.2
 63 28.5 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 104.815 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

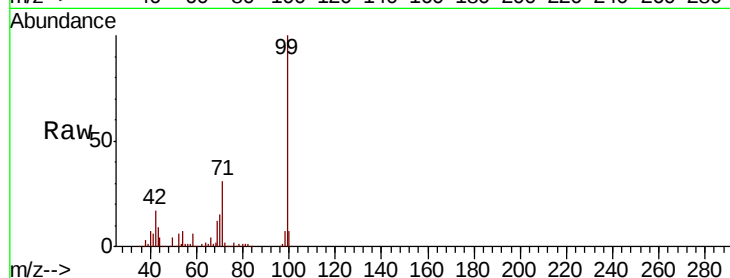
Tot Ion: 99 Resp: 561728

Ion Ratio Lower Upper

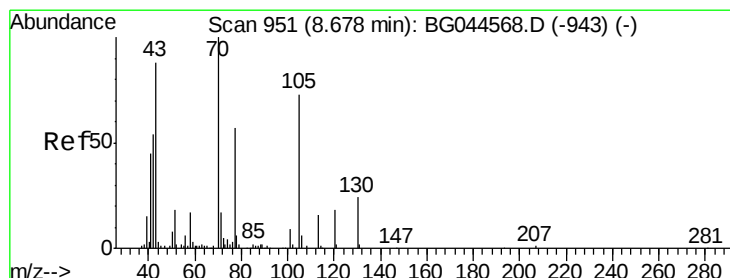
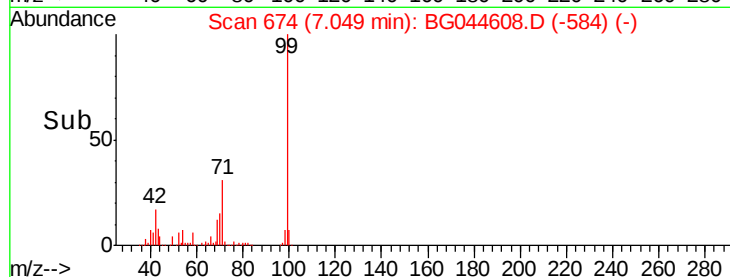
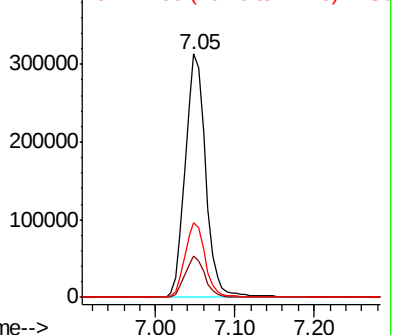
99 100

42 16.9 12.8 19.2

71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.498 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Tgt Ion: 70 Resp: 53390

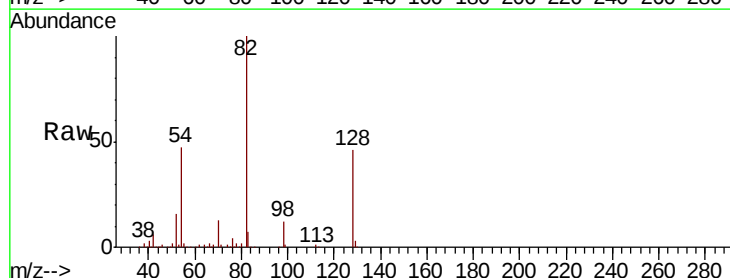
Ion Ratio Lower Upper

70 100

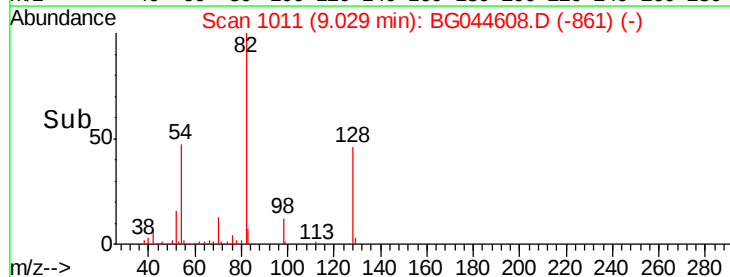
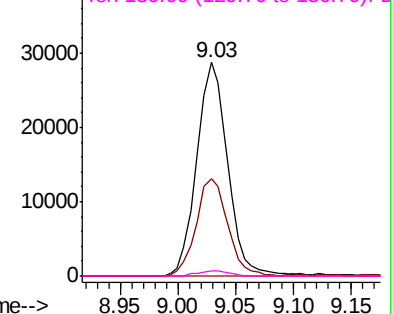
42 45.3 43.4 65.0

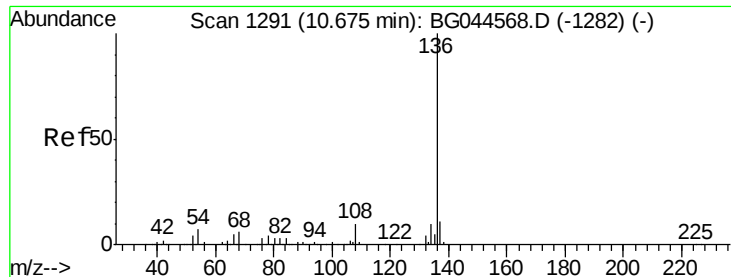
101 0.0 7.5 11.3#

130 2.7 18.9 28.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 253120

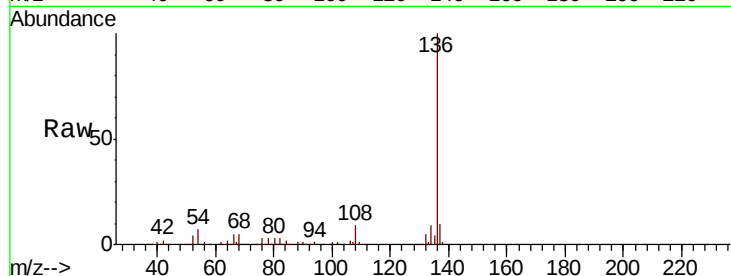
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 6.8 5.7 8.5

68 5.2 4.5 6.7

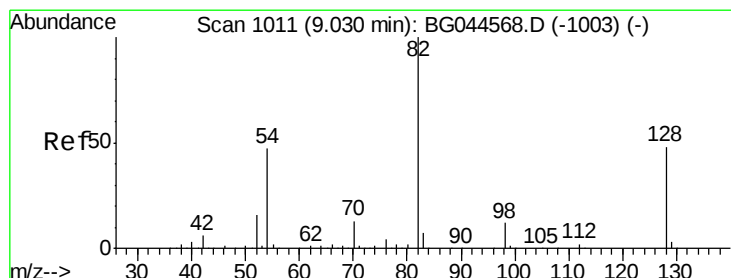
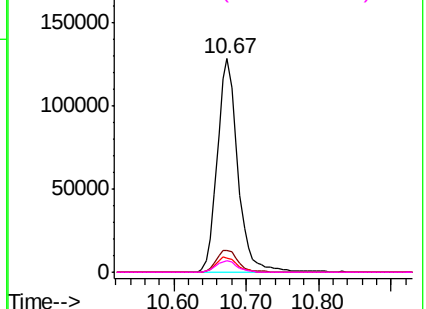
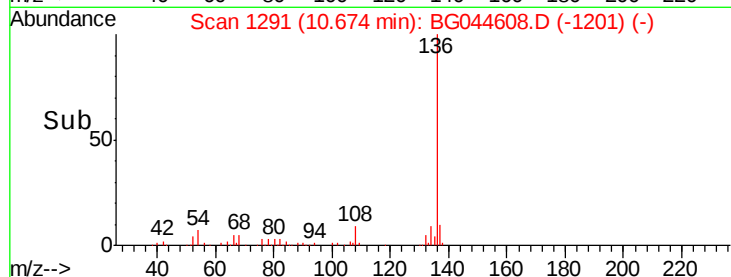


Abundance Ion 136.00 (135.70 to 136.70): E

200000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.368 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

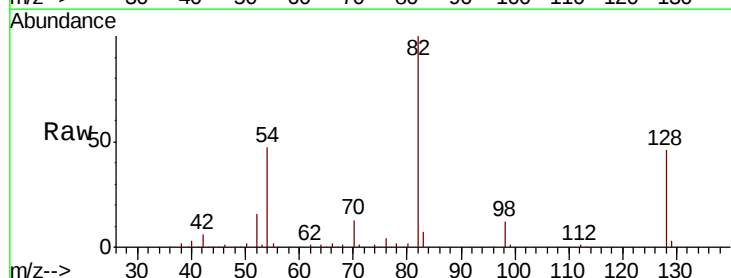
Tgt Ion: 82 Resp: 424342

Ion Ratio Lower Upper

82 100

128 46.1 38.1 57.1

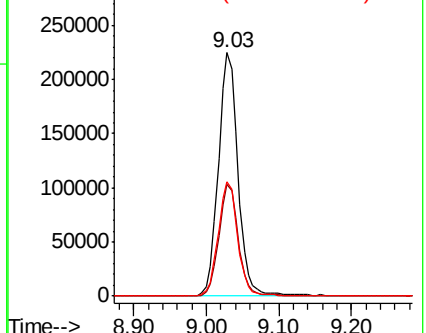
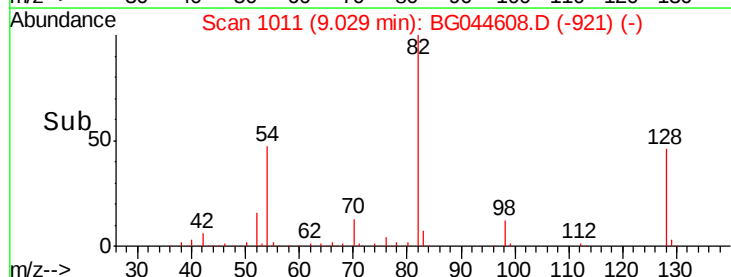
54 46.8 37.5 56.3

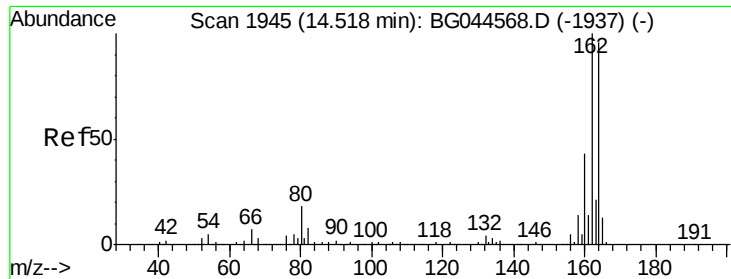


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

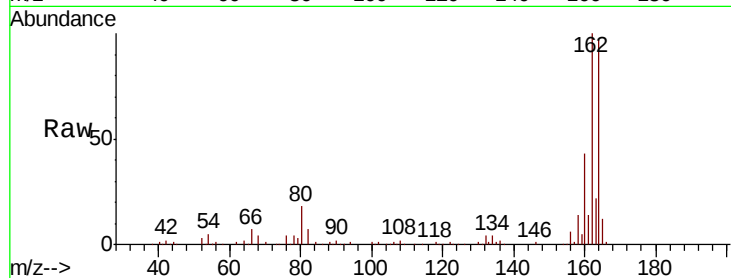




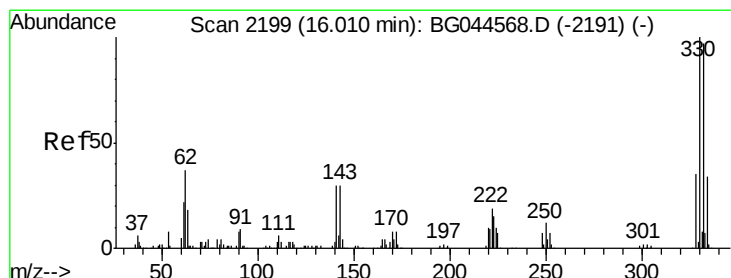
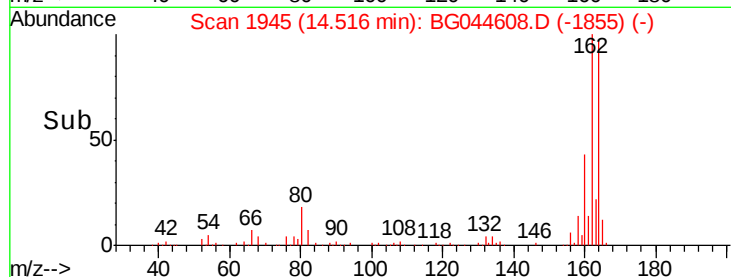
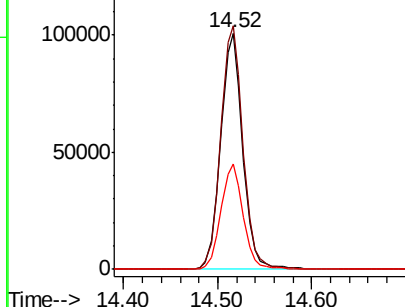
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 165203
Ion Ratio Lower Upper
164 100
162 103.1 83.6 125.4
160 44.7 36.2 54.4

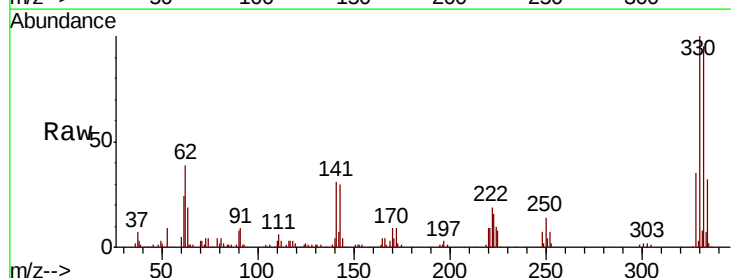


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

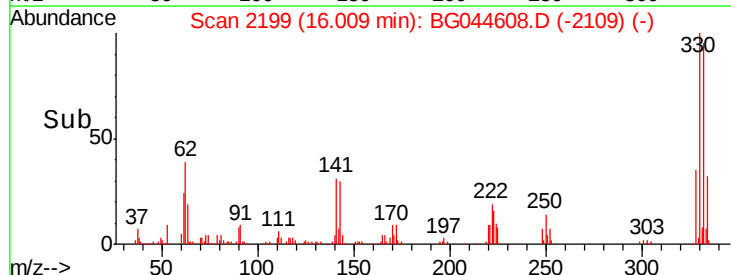
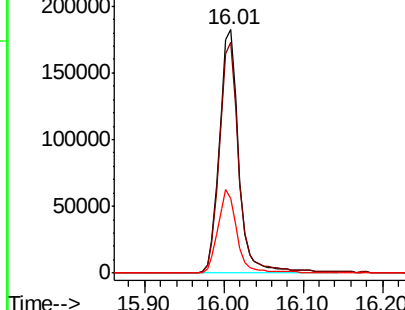


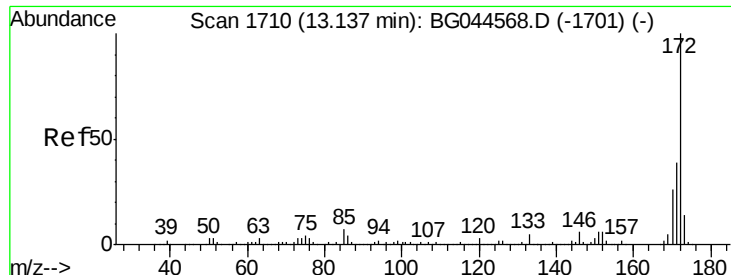
#42
2,4,6-Tribromophenol
Concen: 132.365 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

Tgt Ion:330 Resp: 310059
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 33.7 26.1 39.1



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

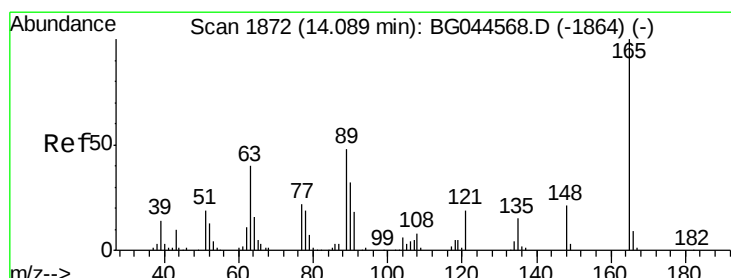
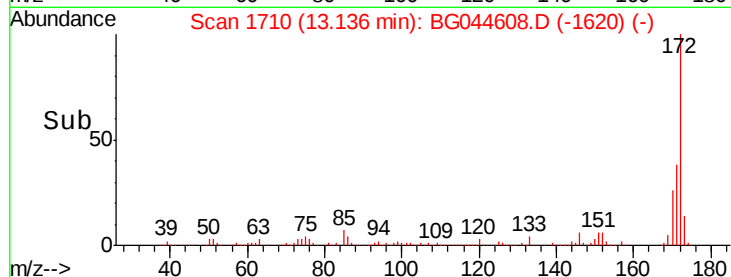
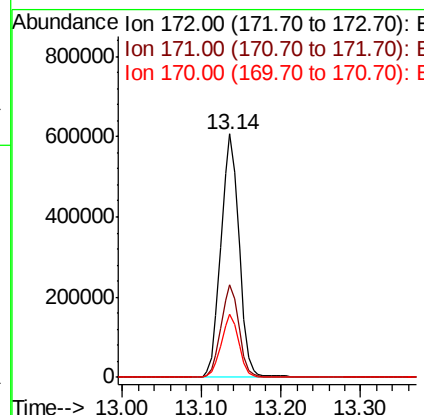
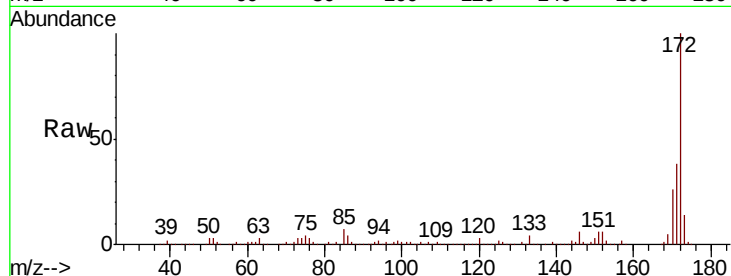




#45
 2-Fluorobiphenyl
 Concen: 83.881 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

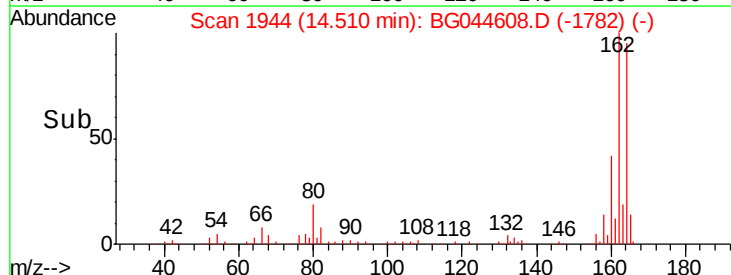
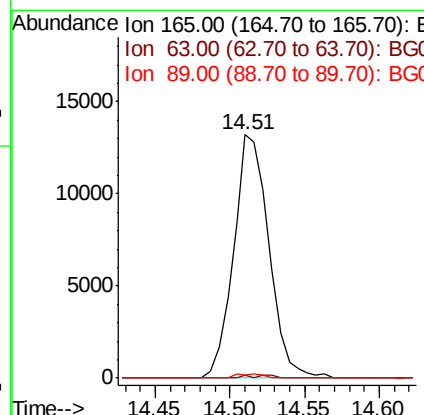
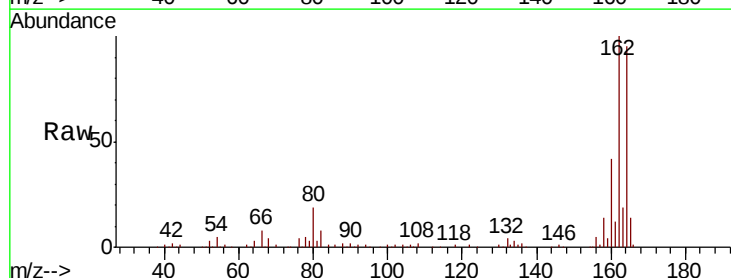
Instrument :
 BNA_G
 ClientSampleId :

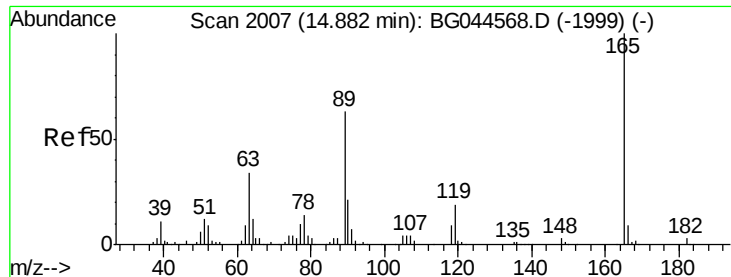
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	26.0	21.0	31.4



#51
 2,6-Dinitrotoluene
 Concen: 7.393 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.8	53.6#
89	1.2	38.7	58.1#

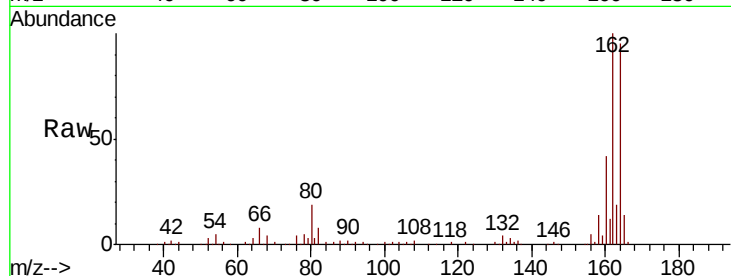




#57
 2,4-Dinitrotoluene
 Concen: 5.259 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.5	41.3#
89	1.2	50.0	75.0#
182	0.0	2.3	3.5#



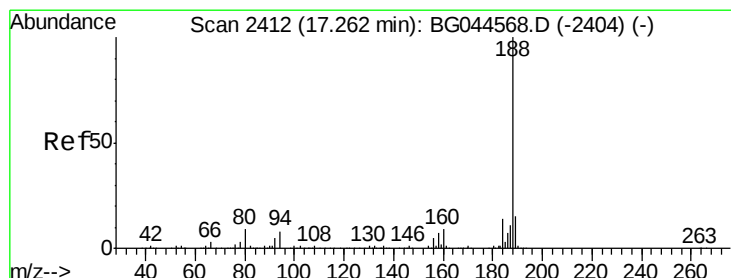
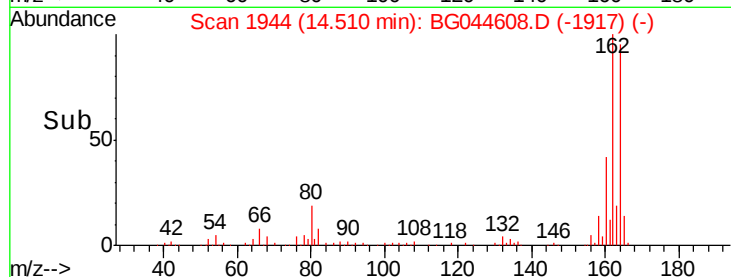
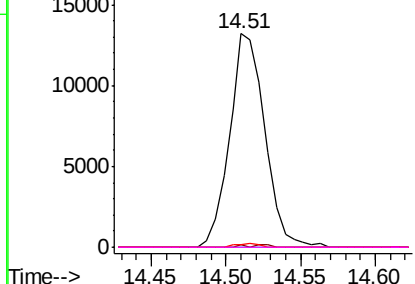
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

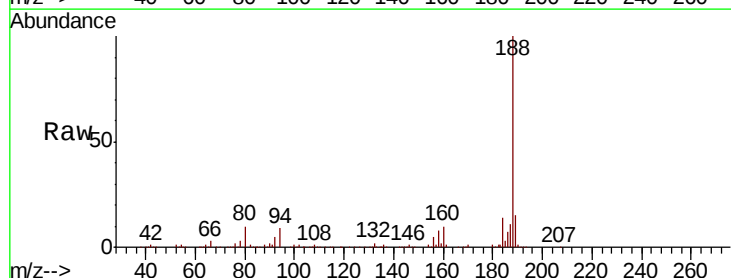
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG044608.D
 Acq: 26 Feb 2020 18:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.5	7.6	11.4

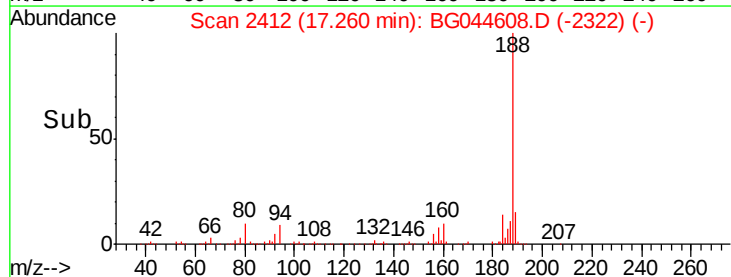
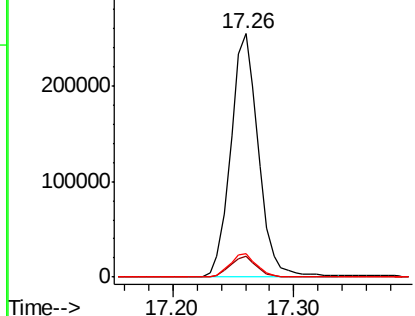


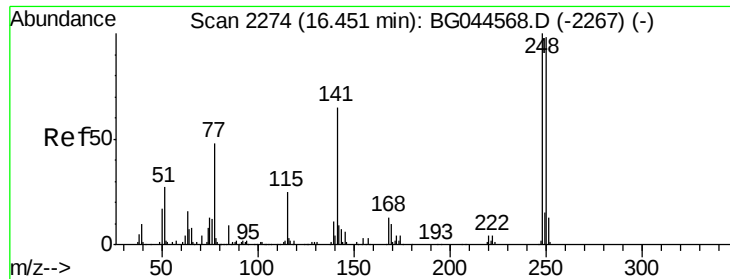
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.172 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

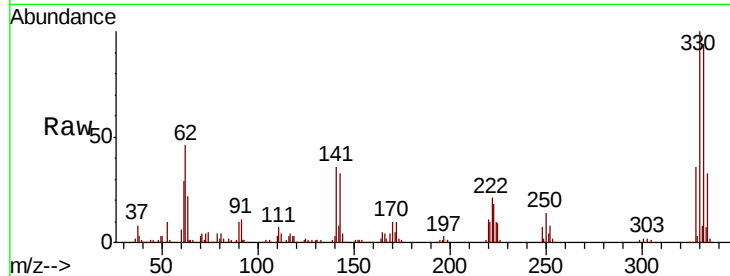
Tot Ion:248 Resp: 21048

Ion Ratio Lower Upper

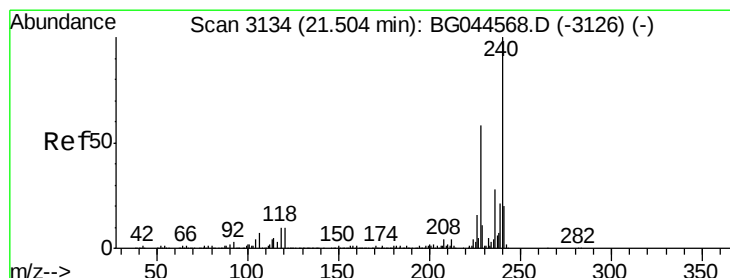
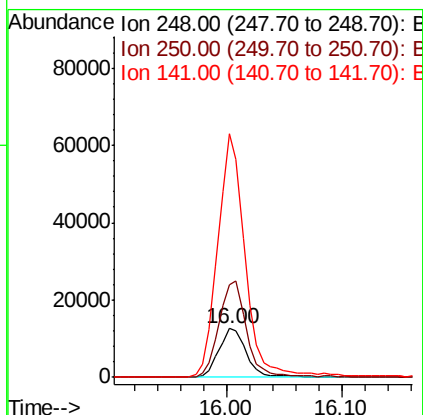
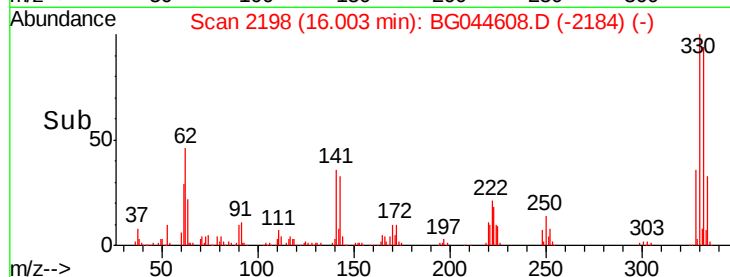
248 100

250 190.5 78.7 118.1#

141 500.0 52.3 78.5#



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

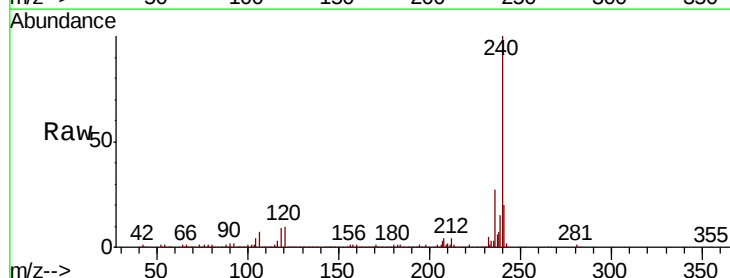
Tgt Ion:240 Resp: 411978

Ion Ratio Lower Upper

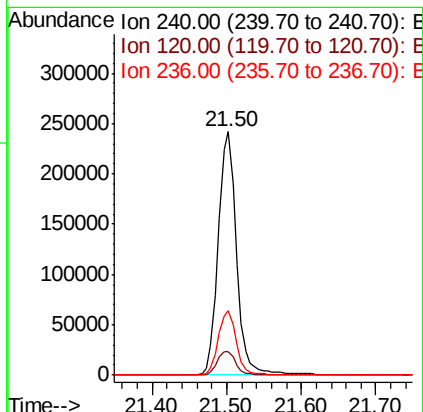
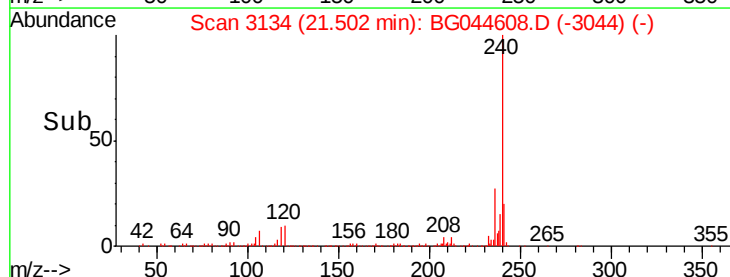
240 100

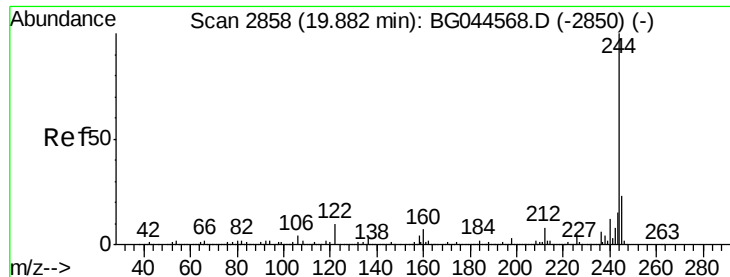
120 9.6 8.3 12.5

236 26.7 22.3 33.5



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: 81.365 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

Instrument :

BNA_G

ClientSampleId :

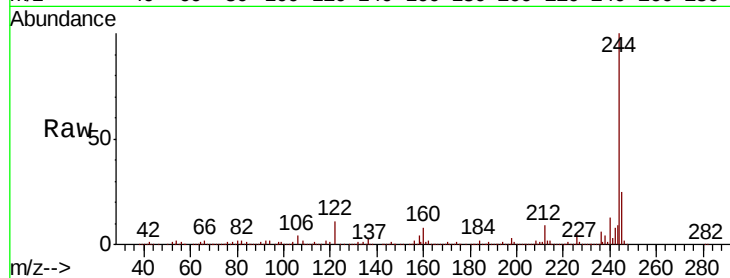
Tot Ion:244 Resp: 1770713

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

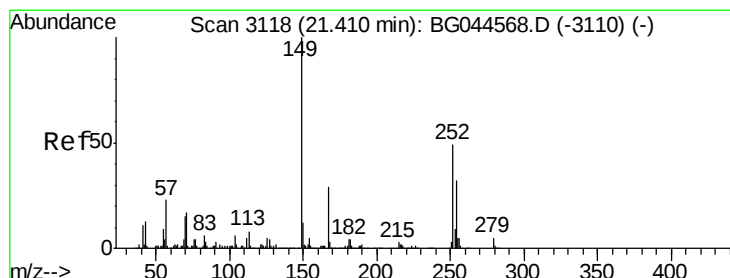
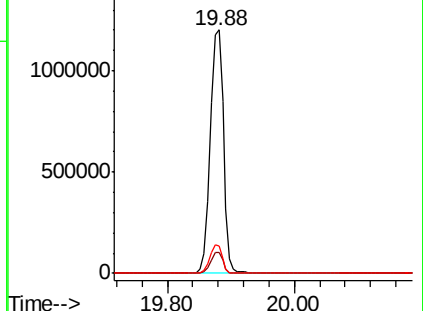
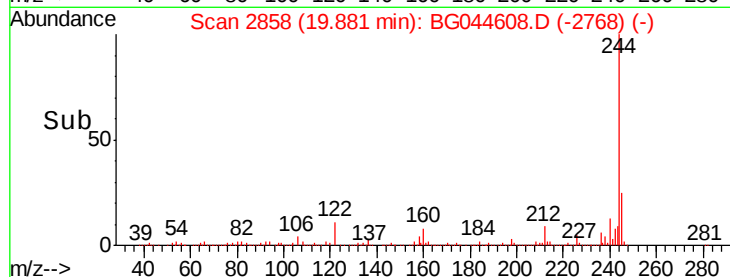
122 11.3 8.2 12.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.882 ng

RT: 21.25 min Scan# 3091

Delta R.T. -0.16 min

Lab File: BG044608.D

Acq: 26 Feb 2020 18:05

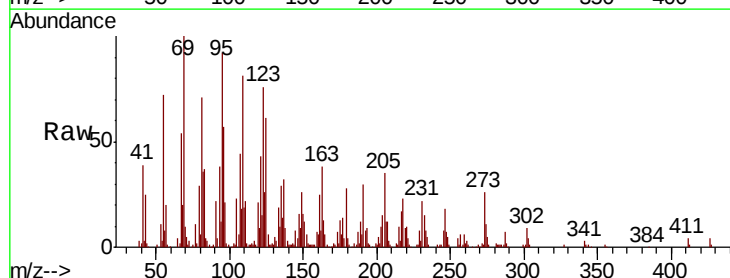
Tgt Ion:149 Resp: 106018

Ion Ratio Lower Upper

149 100

167 1.6 23.4 35.0#

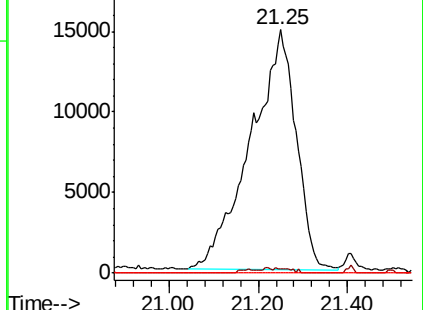
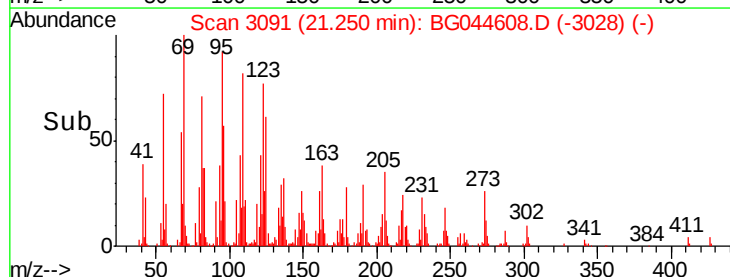
279 0.0 4.2 6.4#

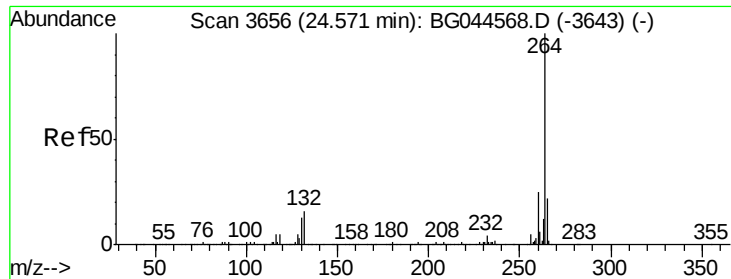


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044608.D
Acq: 26 Feb 2020 18:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.5	17.8	26.8

