

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044659.D
 Acq On : 3 Mar 2020 10:02
 Operator : CG/JU
 Sample : L1743-16RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 18:25:23 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

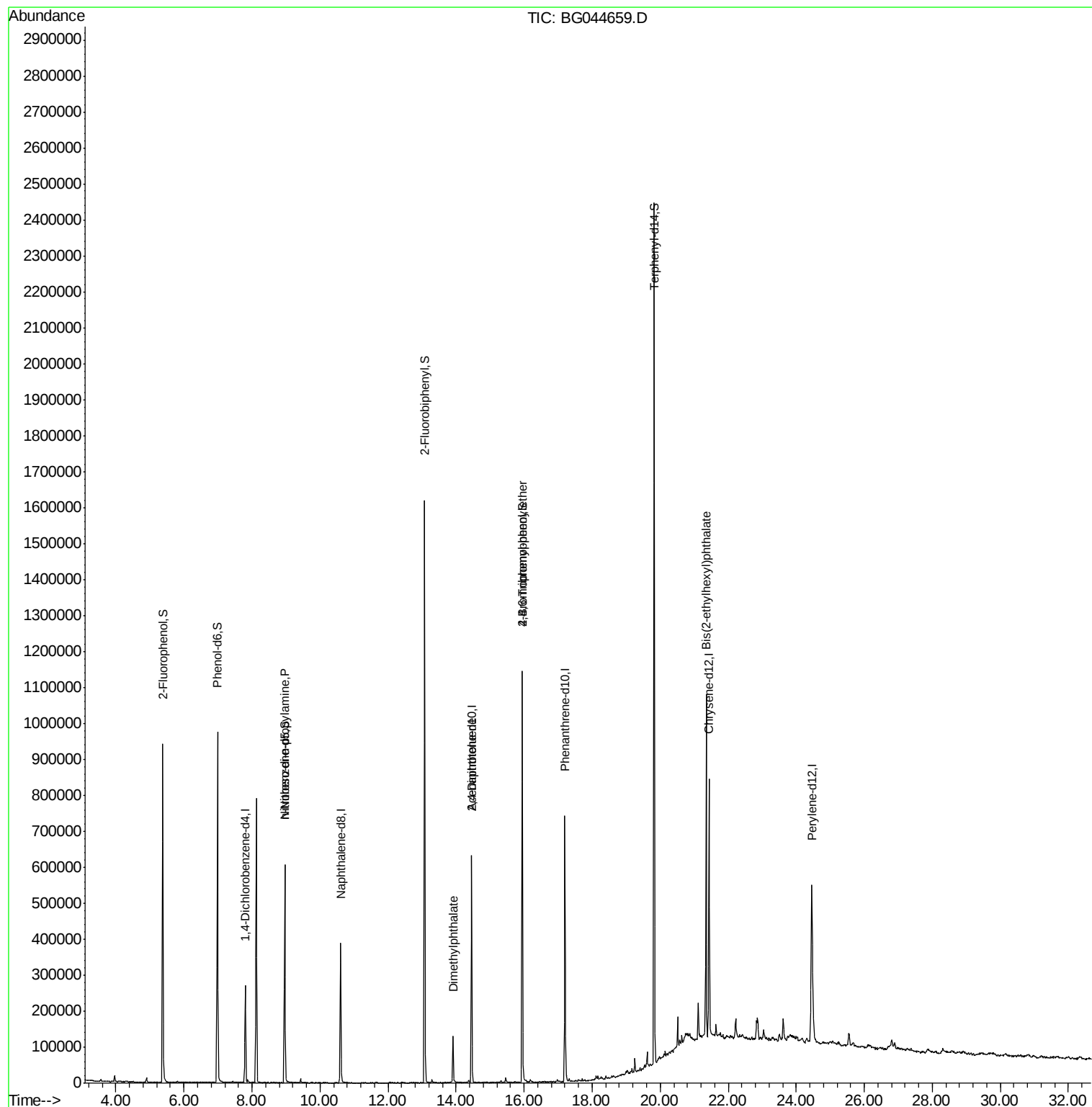
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	76197	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	353583	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	226337	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	453346	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	391334	20.00	ng	-0.07
87) Perylene-d12	24.46	264	449968	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	461529	97.18	ng	-0.07
7) Phenol-d6	6.98	99	626118	96.32	ng	-0.07
23) Nitrobenzene-d5	8.96	82	390319	56.87	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	233475	72.75	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	868664	54.96	ng	-0.06
79) Terphenyl-d14	19.82	244	1144333	55.36	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	50676	12.128	ng	Qvalue # 76
50) Dimethylphthalate	13.91	163	96790	5.298	ng	98
57) 2,4-Dinitrotoluene	14.45	165	29634	5.232	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	15820	2.811	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.35	149	403682	23.577	ng	98

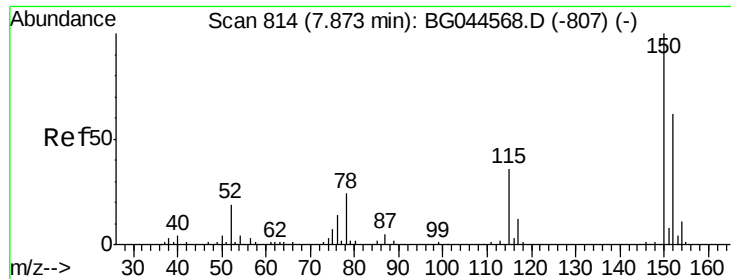
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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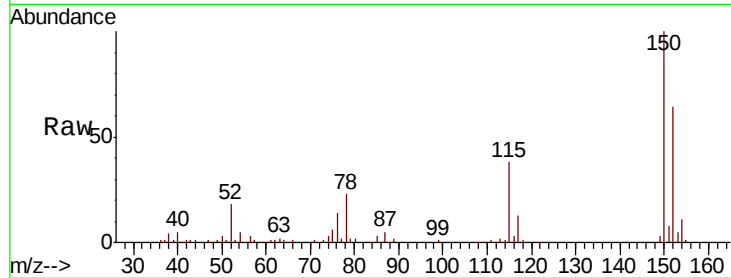


#1

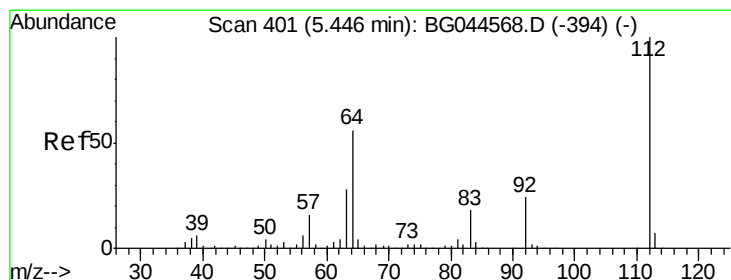
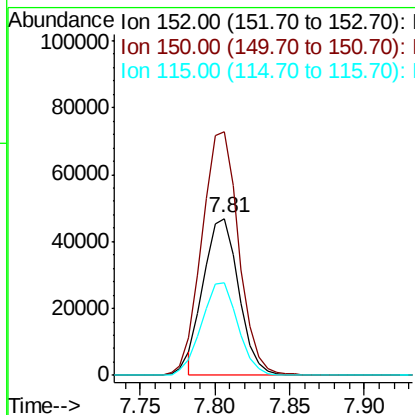
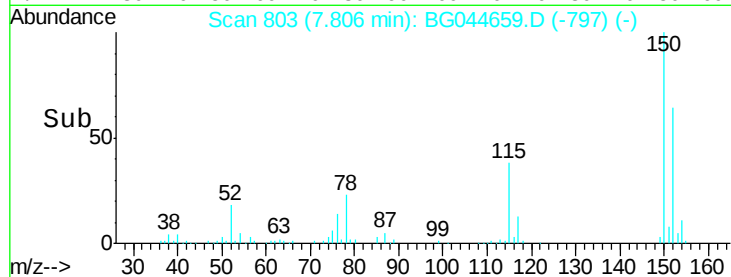
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.07 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 76197
 Ion Ratio Lower Upper
 152 100
 150 155.4 128.9 193.3
 115 59.5 47.0 70.4



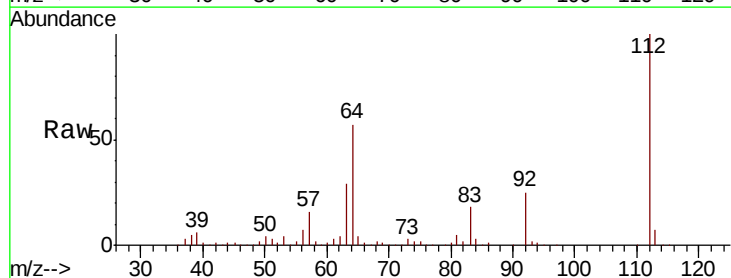
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



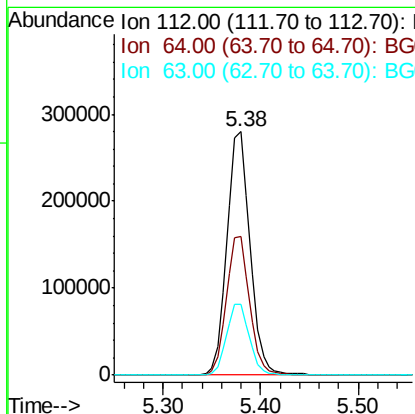
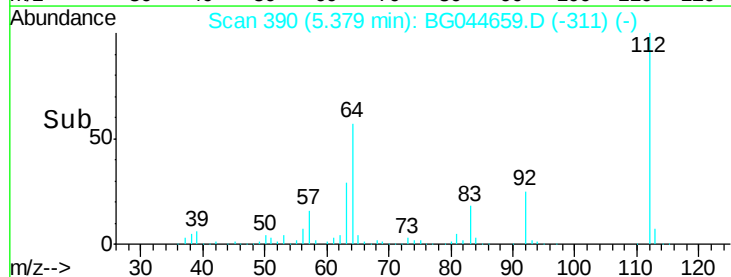
#5

2-Fluorophenol
 Concen: 97.184 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.07 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Tgt Ion:112 Resp: 461529
 Ion Ratio Lower Upper
 112 100
 64 56.8 44.8 67.2
 63 29.2 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: 96.318 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

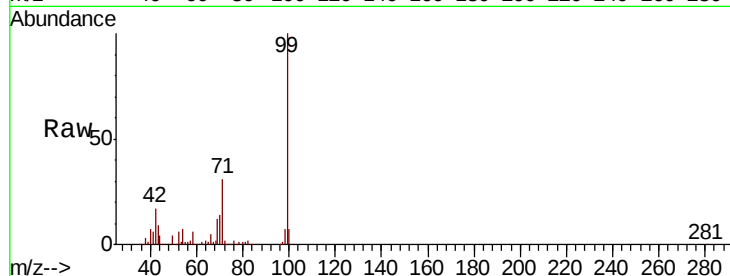
Tot Ion: 99 Resp: 626118

Ion Ratio Lower Upper

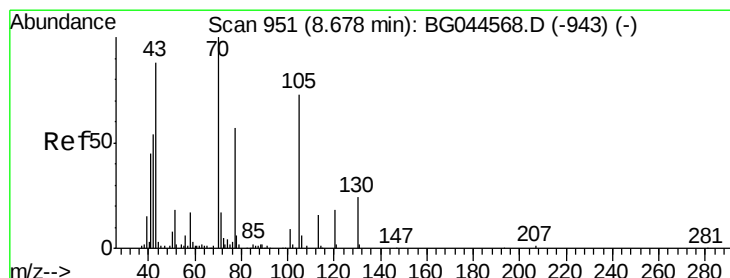
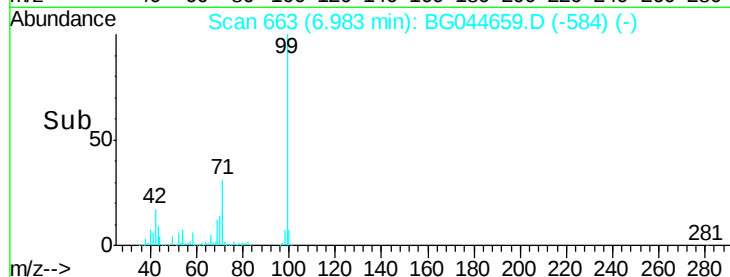
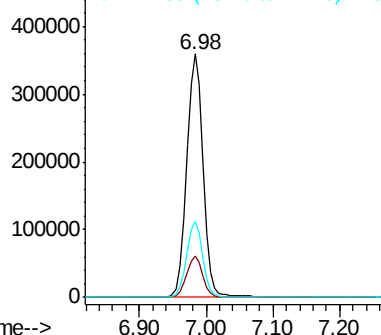
99 100

42 16.9 12.8 19.2

71 31.1 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: 12.128 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Tgt Ion: 70 Resp: 50676

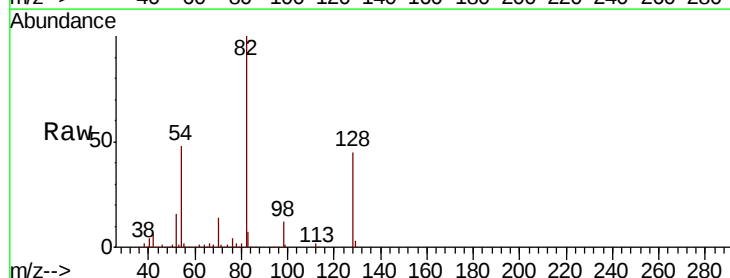
Ion Ratio Lower Upper

70 100

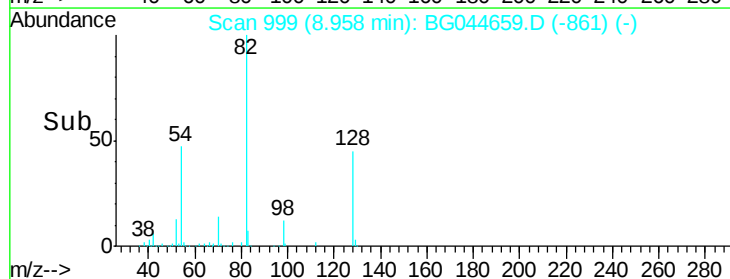
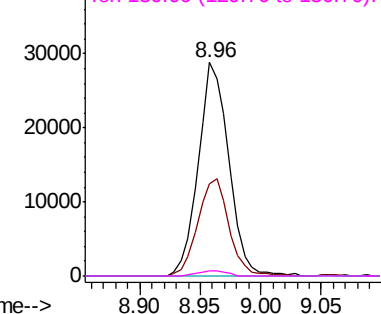
42 43.4 43.4 65.0

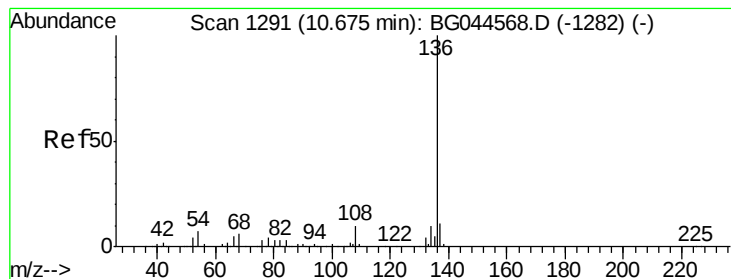
101 0.0 7.5 11.3#

130 2.2 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: 10.60 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 353583

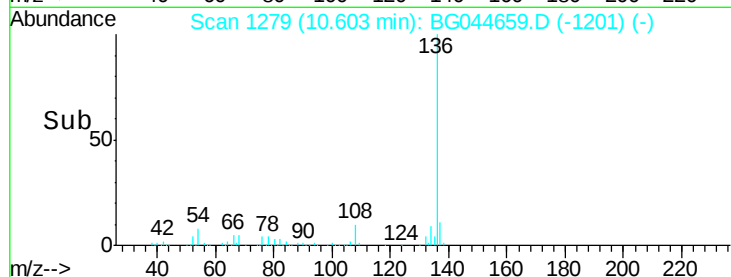
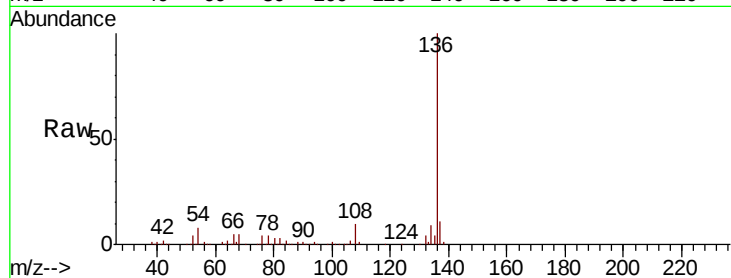
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.5 5.7 8.5

68 5.5 4.5 6.7

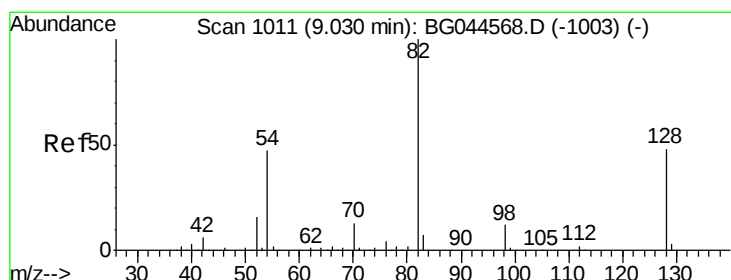
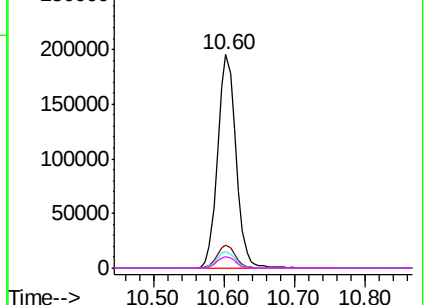


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 56.871 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.07 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

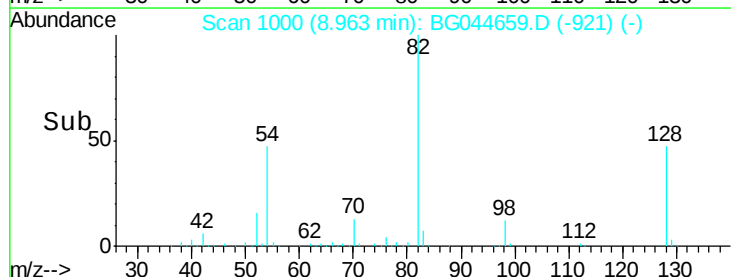
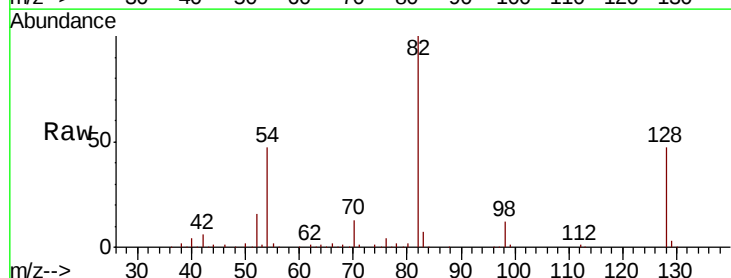
Tgt Ion: 82 Resp: 390319

Ion Ratio Lower Upper

82 100

128 47.2 38.1 57.1

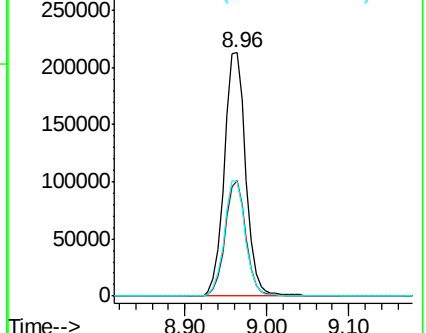
54 47.1 37.5 56.3

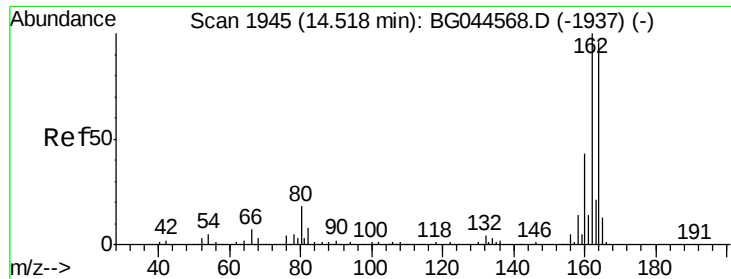


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

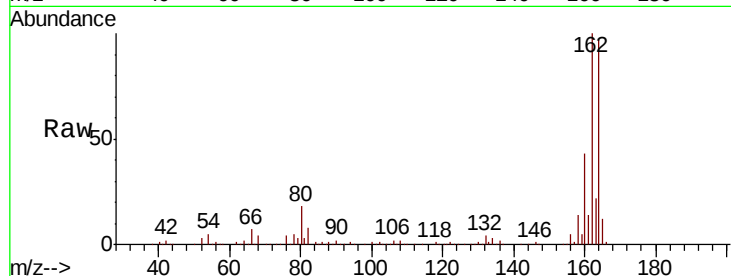
Tot Ion:164 Resp: 226337

Ion Ratio Lower Upper

164 100

162 102.8 83.6 125.4

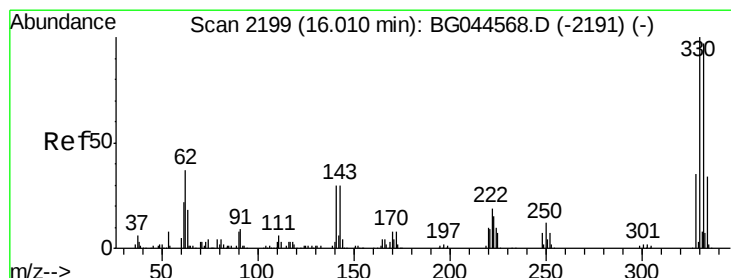
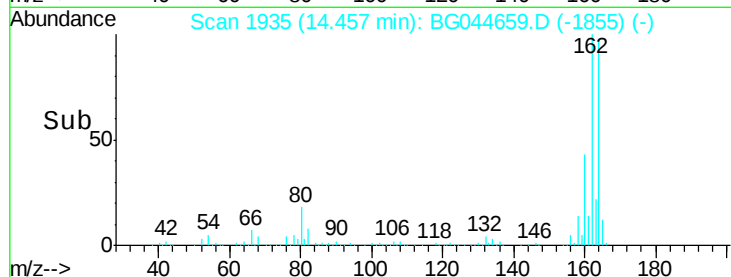
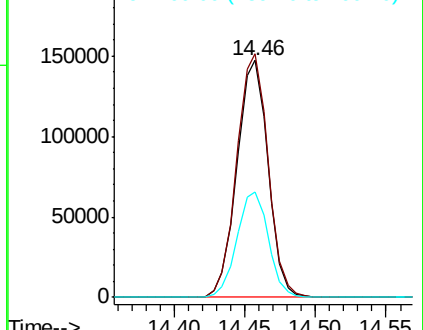
160 44.3 36.2 54.4



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: 72.750 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

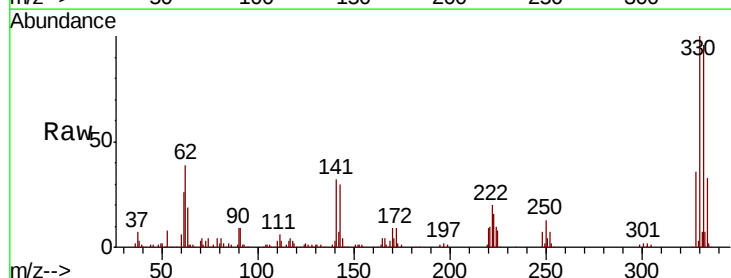
Tgt Ion:330 Resp: 233475

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

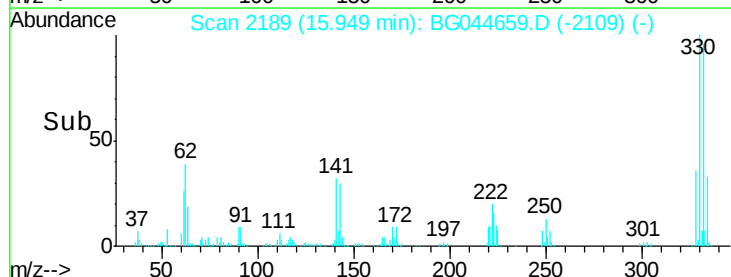
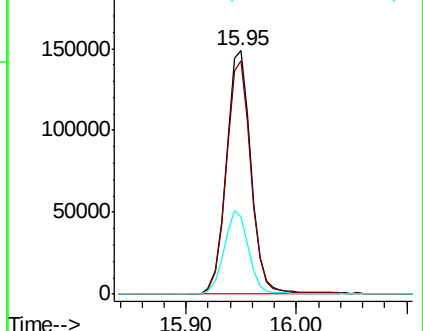
141 34.1 26.1 39.1

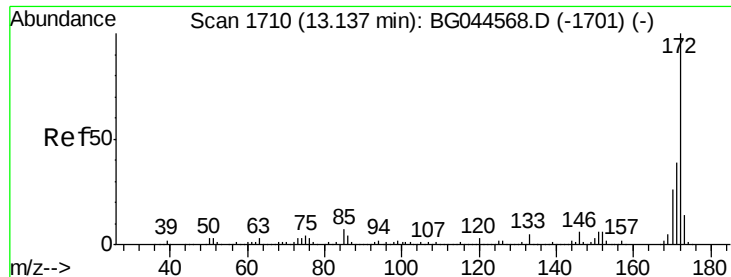


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

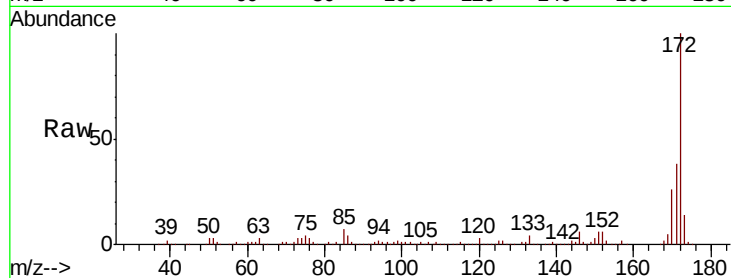




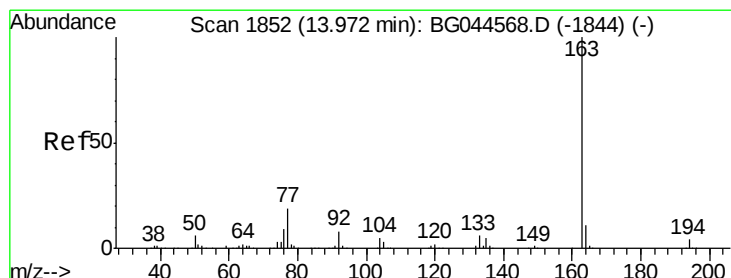
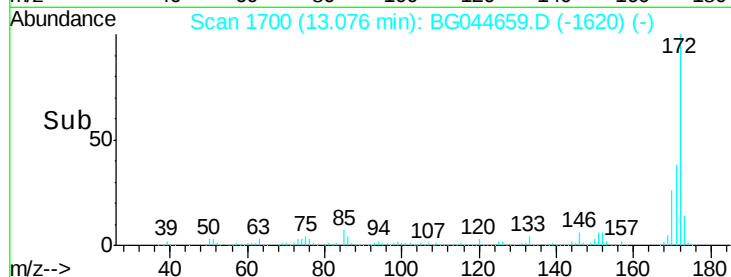
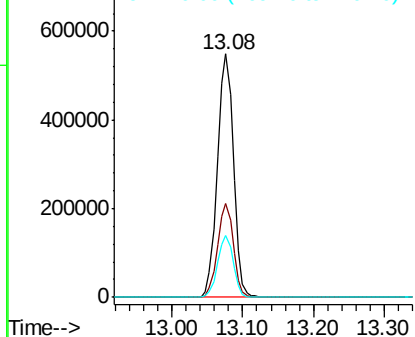
#45
 2-Fluorobiphenyl
 Concen: 54.959 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 868664
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.3 46.9
 170 25.6 21.0 31.4

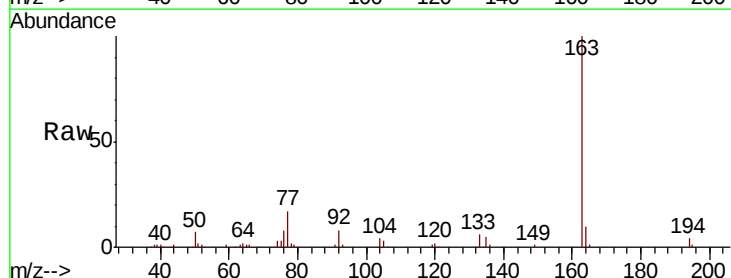


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

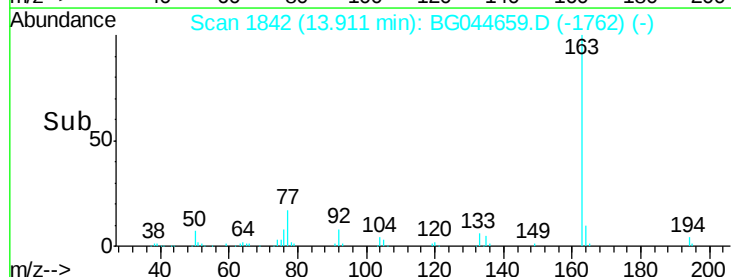
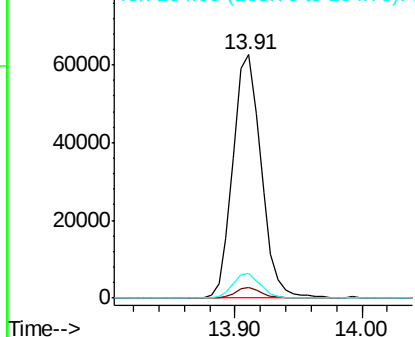


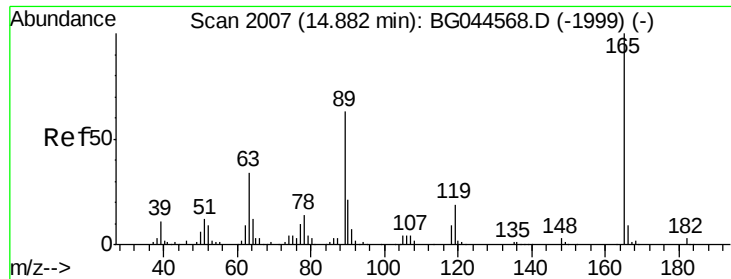
#50
 Dimethylphthalate
 Concen: 5.298 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Tgt Ion:163 Resp: 96790
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.0
 164 9.9 8.7 13.1



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

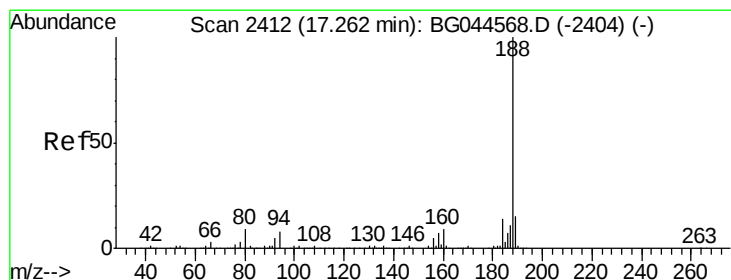
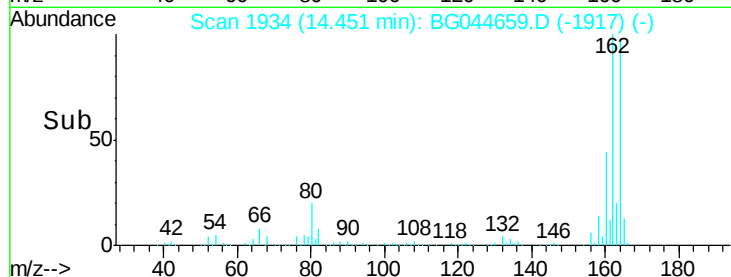
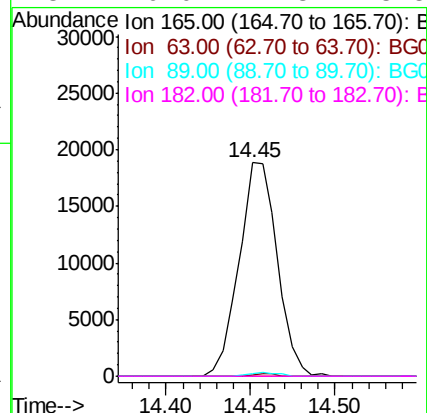
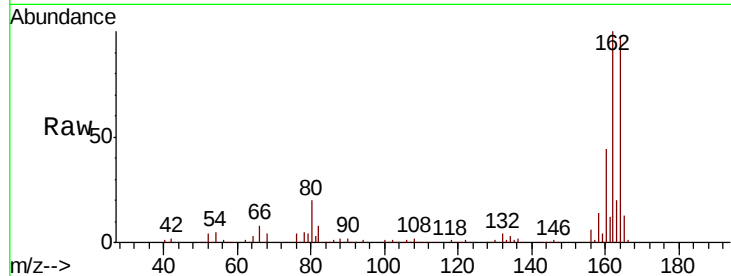




#57
 2,4-Dinitrotoluene
 Concen: 5.232 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

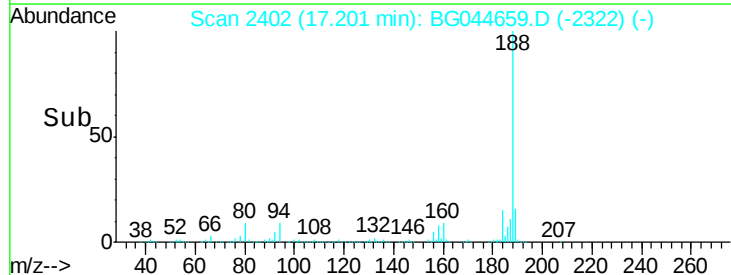
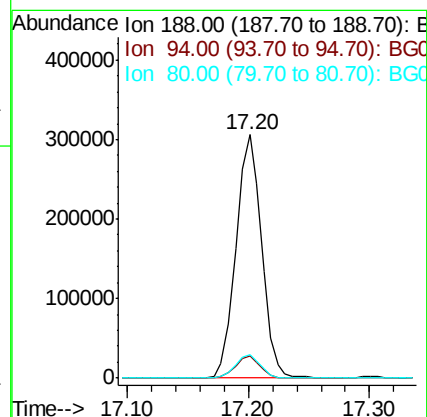
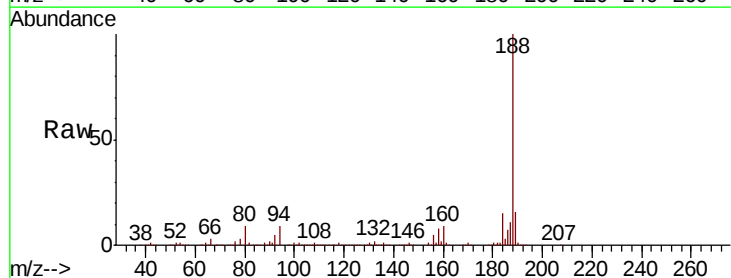
Instrument :
 BNA_G
 ClientSampleId :

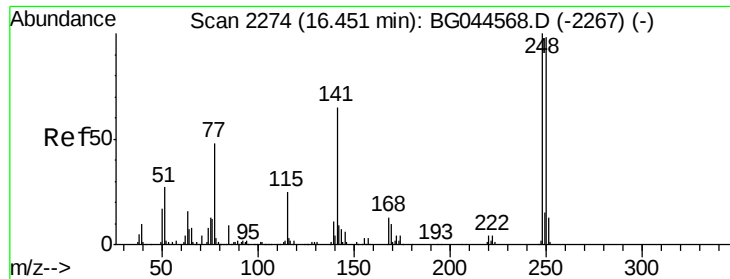
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.5	41.3#
89	1.3	50.0	75.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.4	7.6	11.4

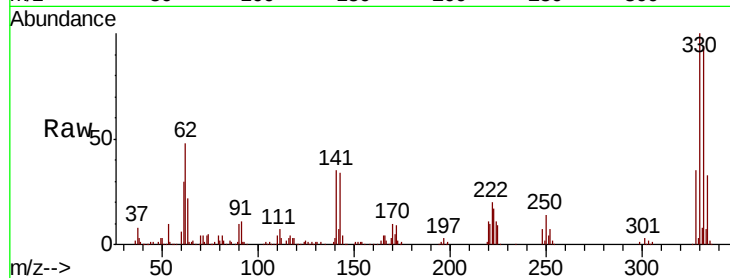




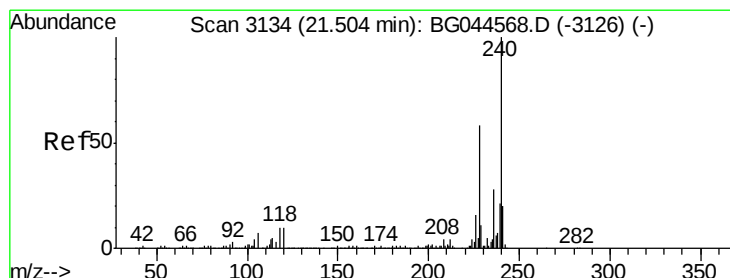
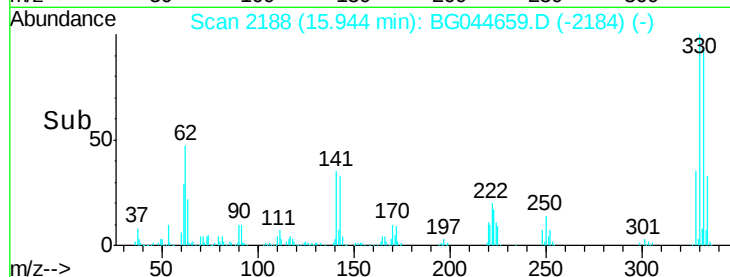
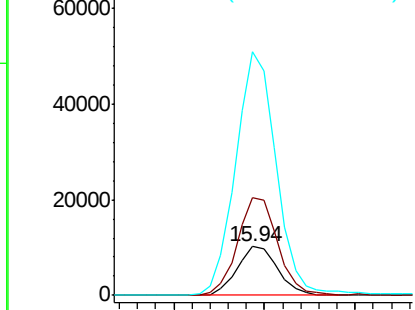
#67
4-Bromophenyl-phenylether
Concen: 2.811 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.51 min
Lab File: BG044659.D
Acq: 3 Mar 2020 10:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15820
Ion Ratio Lower Upper
248 100
250 200.2 78.7 118.1#
141 499.3 52.3 78.5#

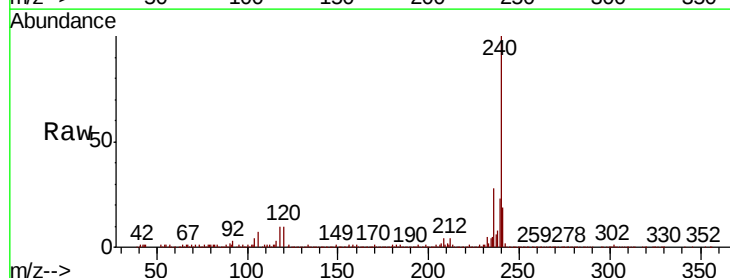


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

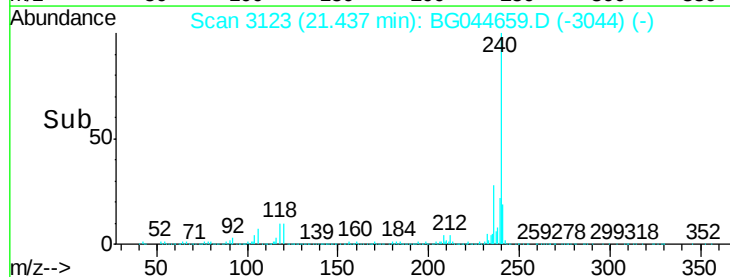
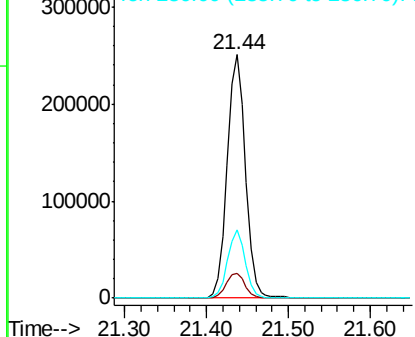


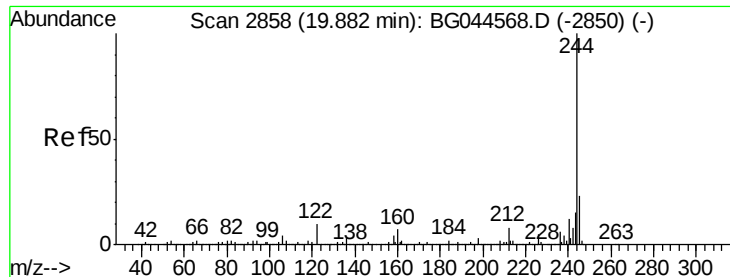
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044659.D
Acq: 3 Mar 2020 10:02

Tgt Ion:240 Resp: 391334
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 27.8 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: 55.357 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampled :

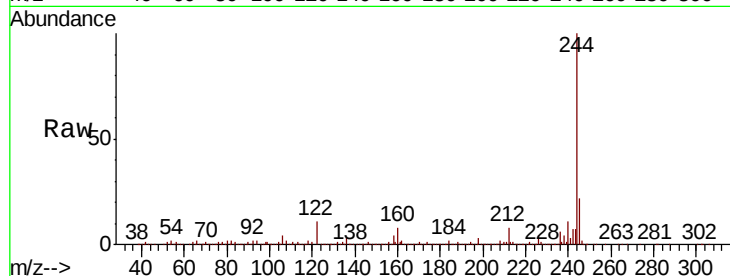
Tot Ion:244 Resp: 1144333

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

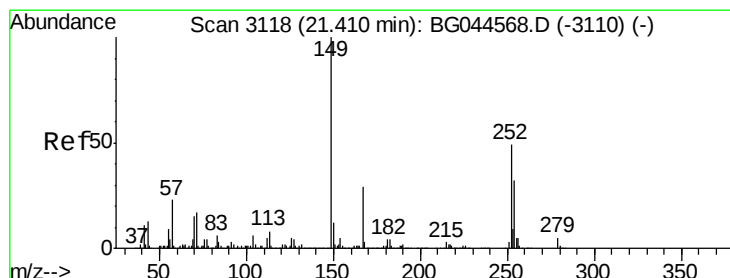
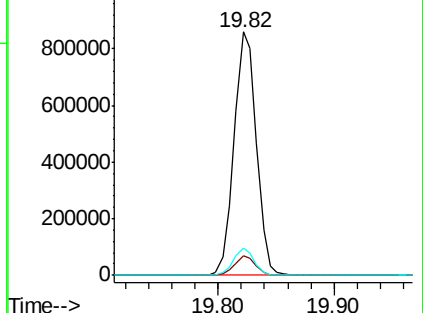
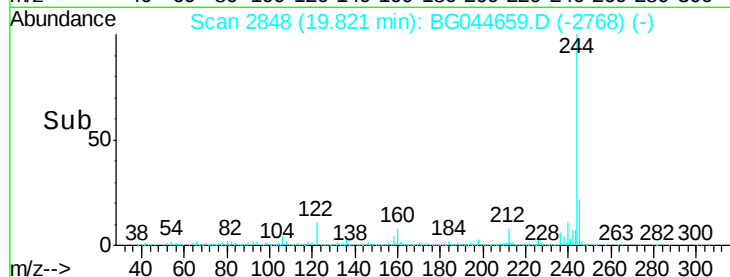
122 11.1 8.2 12.4



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: 23.577 ng

RT: 21.35 min Scan# 3108

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

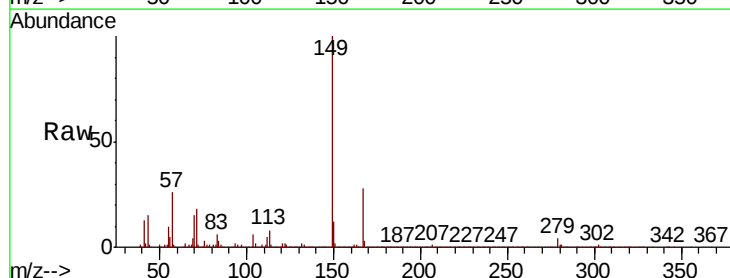
Tgt Ion:149 Resp: 403682

Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.0

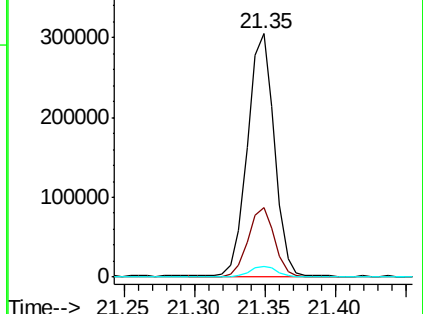
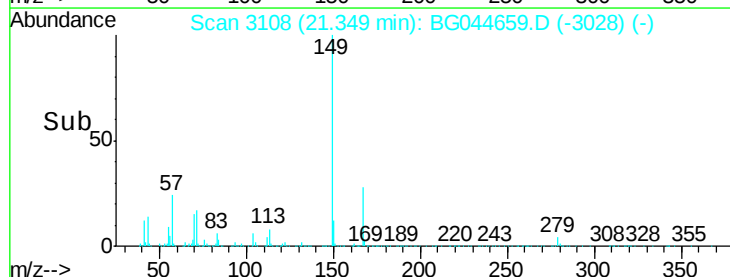
279 4.5 4.2 6.4

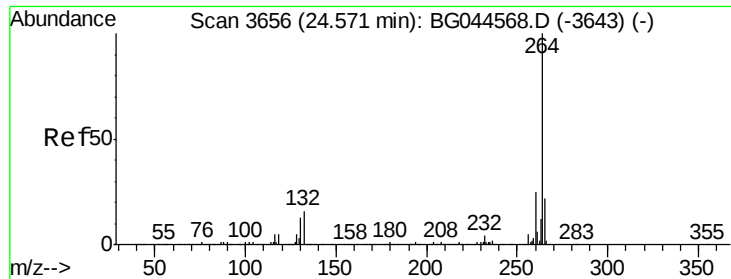


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.46 min Scan# 3637
Delta R.T. -0.11 min
Lab File: BG044659.D
Acq: 3 Mar 2020 10:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.4	17.8	26.8

