

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044673.D
 Acq On : 3 Mar 2020 22:10
 Operator : CG/JU
 Sample : L1762-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:47:27 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

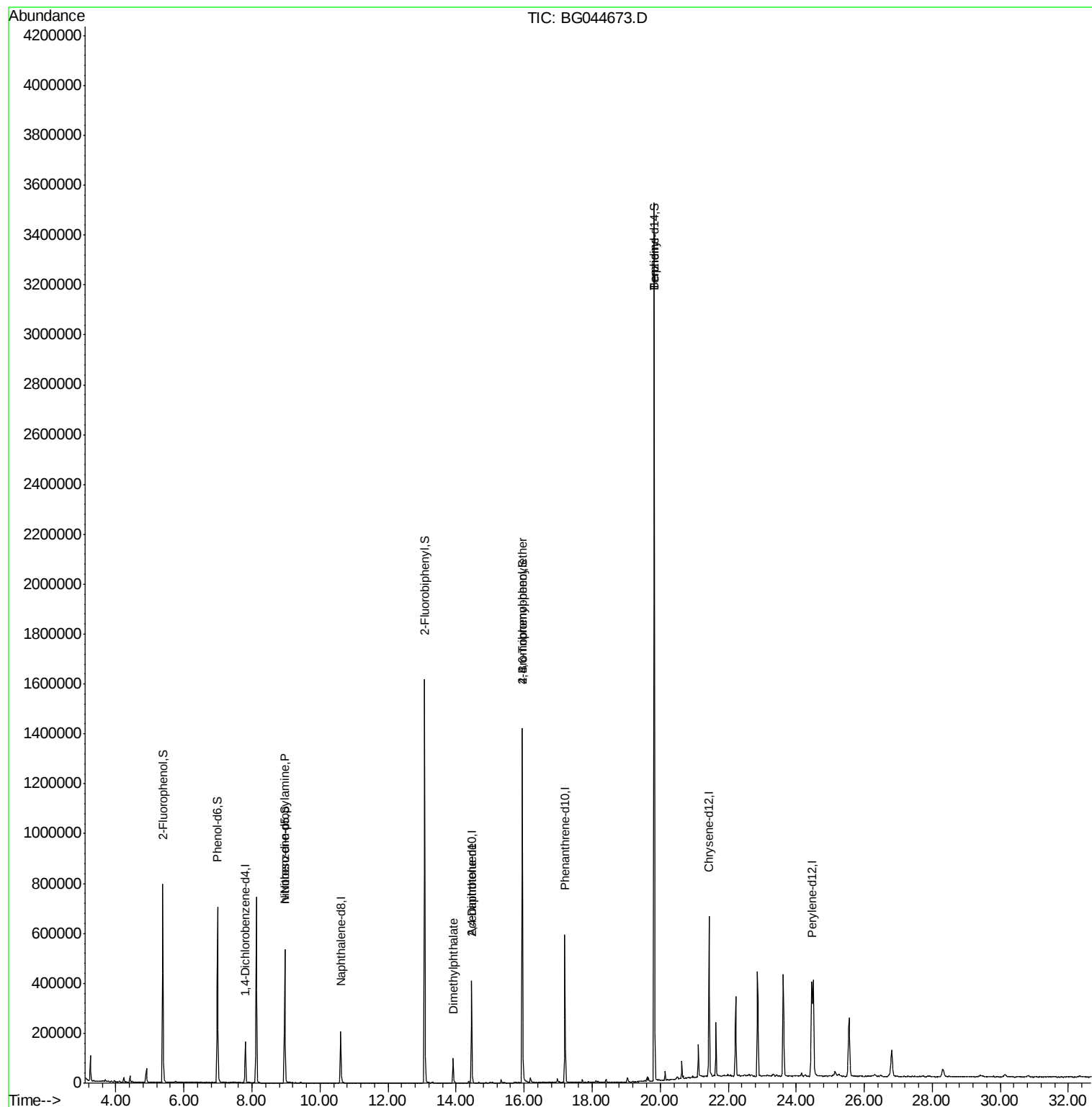
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	49564	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	205487	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	145468	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	375505	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	360660	20.00	ng	-0.07
87) Perylene-d12	24.46	264	404551	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	390065	126.27	ng	-0.07
7) Phenol-d6	6.98	99	455815	107.80	ng	-0.07
23) Nitrobenzene-d5	8.96	82	347077	87.02	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	306067	148.39	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	872933	85.93	ng	-0.06
79) Terphenyl-d14	19.83	244	1683192	88.35	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	44226	16.272	ng	# 76
50) Dimethylphthalate	13.92	163	82350	7.014	ng	# 97
57) 2,4-Dinitrotoluene	14.46	165	19647	5.397	ng	# 30
67) 4-Bromophenyl-phenylether	15.95	248	20308	4.357	ng	# 1
77) Benzidine	19.83	184	25609	2.073	ng	# 91

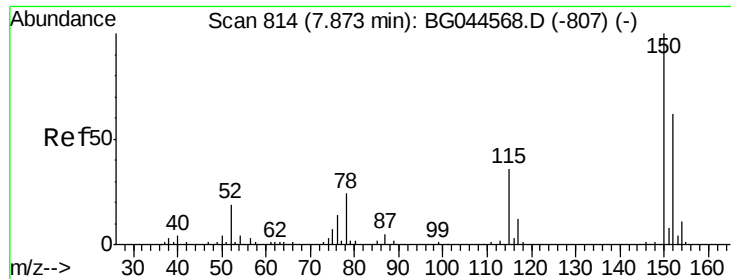
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
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BNA_G
ClientSampleId :

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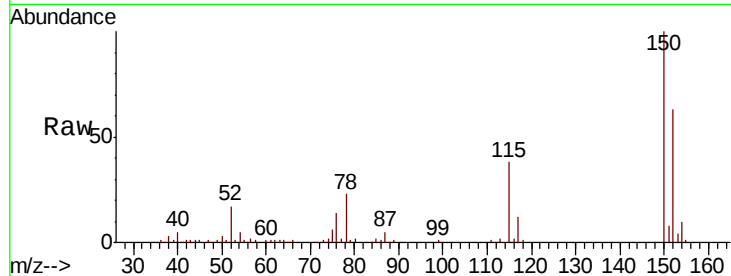


#1

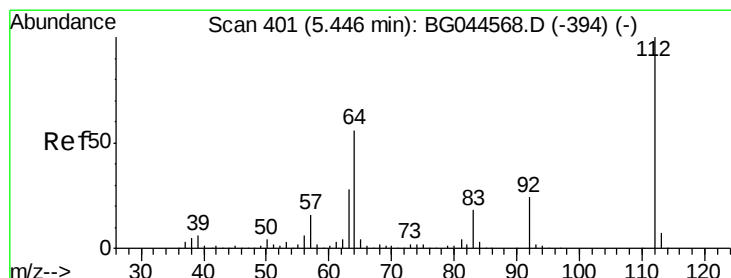
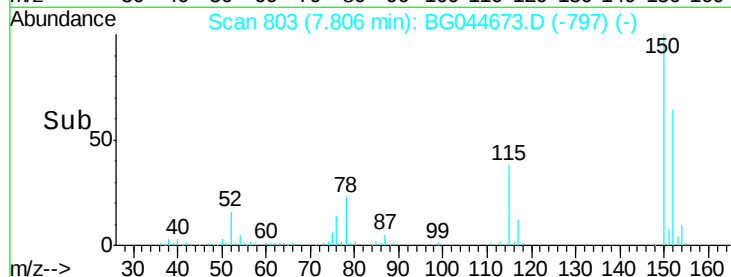
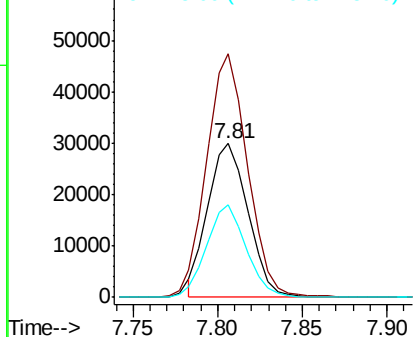
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49564
Ion Ratio Lower Upper
152 100
150 158.2 128.9 193.3
115 59.9 47.0 70.4



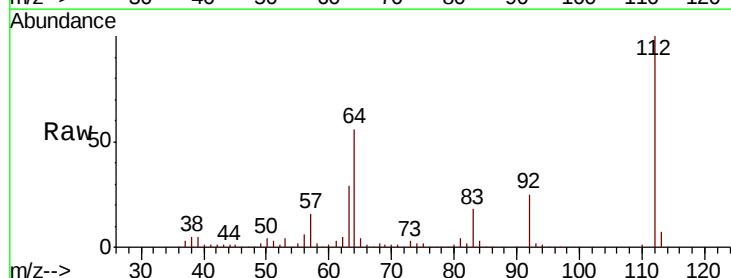
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



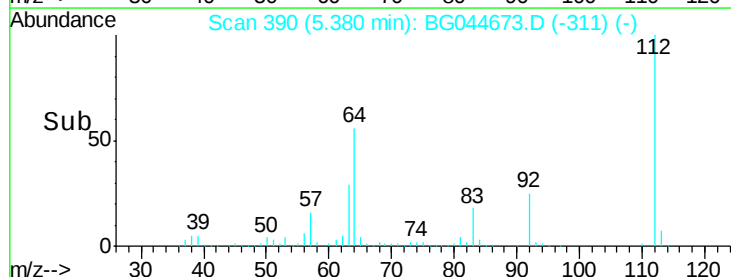
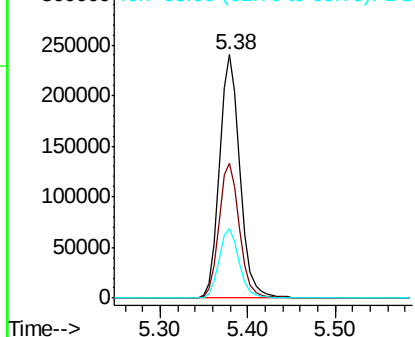
#5

2-Fluorophenol
Concen: 126.271 ng
RT: 5.38 min Scan# 390
Delta R.T. -0.07 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Tgt Ion:112 Resp: 390065
Ion Ratio Lower Upper
112 100
64 55.5 44.8 67.2
63 28.7 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: 107.798 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044673.D

Acq: 3 Mar 2020 22:10

Instrument :

BNA_G

ClientSampleId :

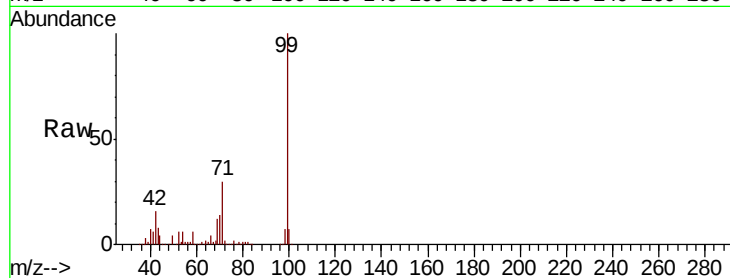
Tot Ion: 99 Resp: 455815

Ion Ratio Lower Upper

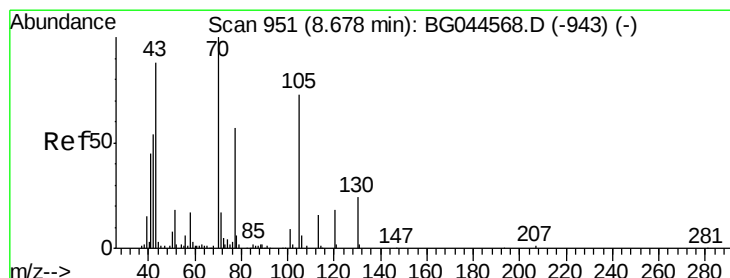
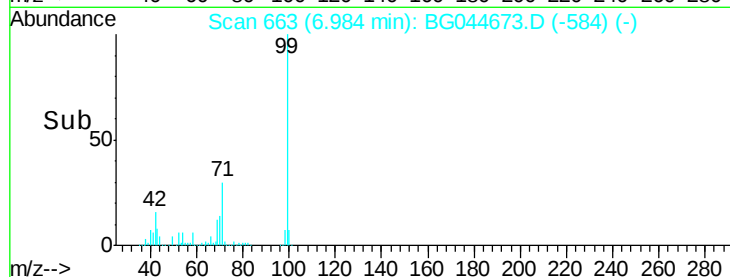
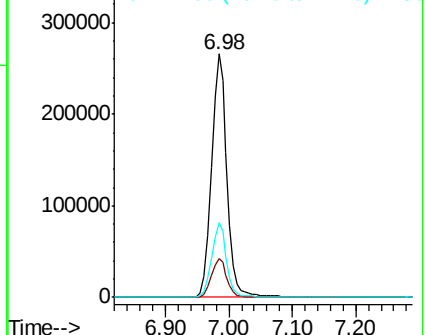
99 100

42 16.2 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: 16.272 ng

RT: 8.96 min Scan# 1000

Delta R.T. 0.29 min

Lab File: BG044673.D

Acq: 3 Mar 2020 22:10

Tgt Ion: 70 Resp: 44226

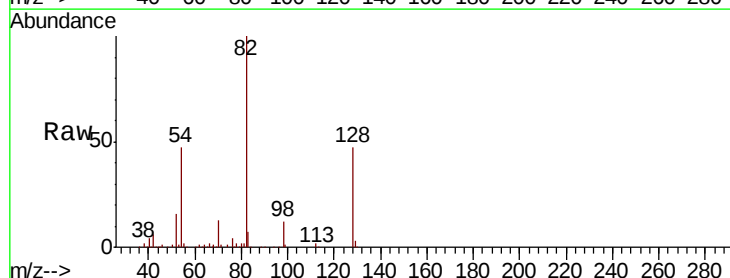
Ion Ratio Lower Upper

70 100

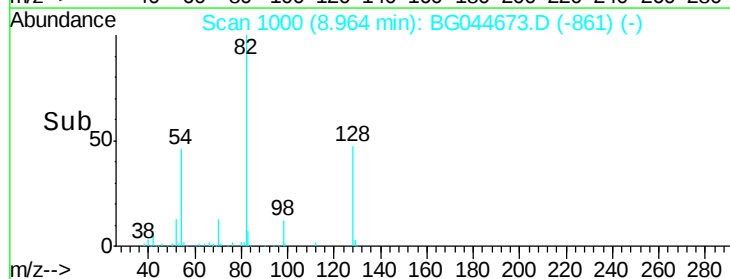
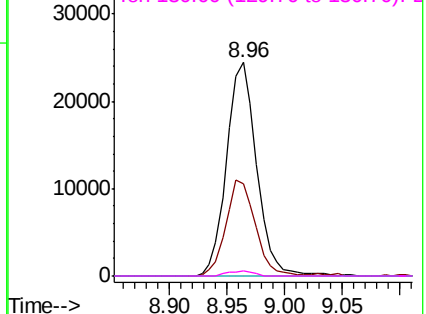
42 43.3 43.4 65.0#

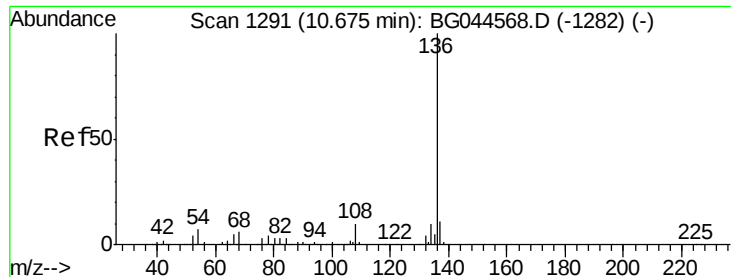
101 0.0 7.5 11.3#

130 2.3 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

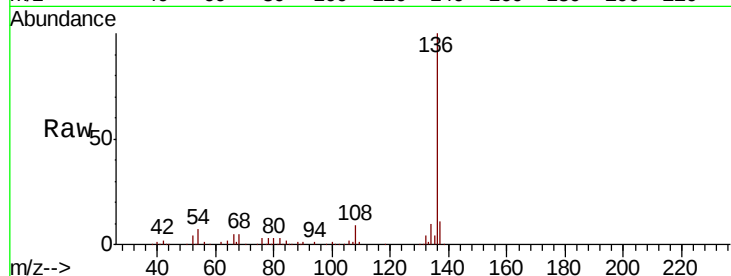




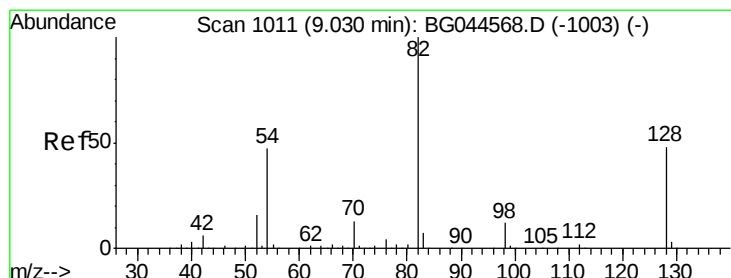
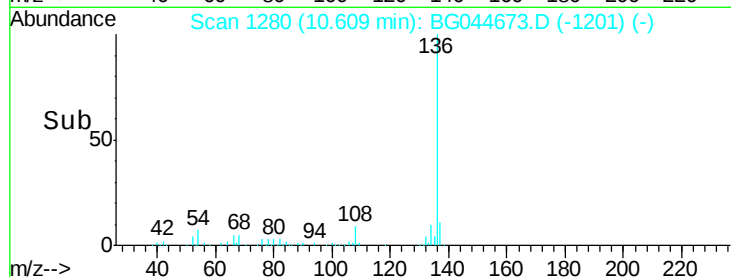
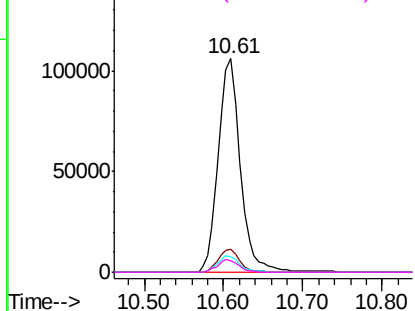
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	205487
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.5	5.7 8.5
68	5.4	4.5 6.7

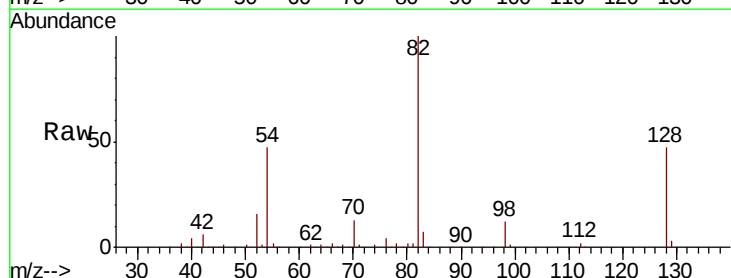


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

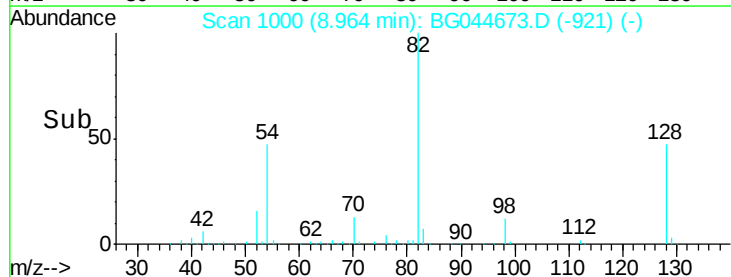
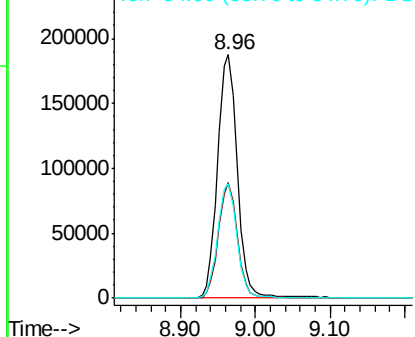


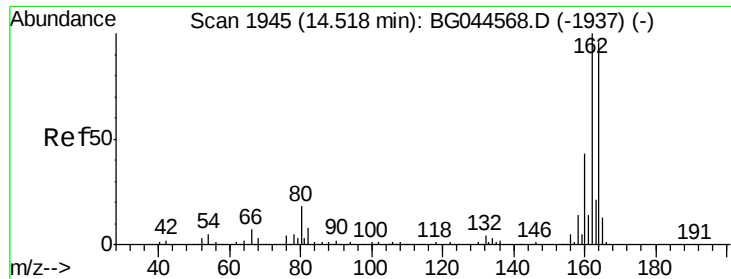
#23
Nitrobenzene-d5
Concen: 87.017 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Tgt Ion: 82	Resp:	347077
Ion	Ratio	Lower Upper
82	100	
128	47.4	38.1 57.1
54	47.0	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: BG044673.D

Acq: 3 Mar 2020 22:10

Instrument :

BNA_G

ClientSampled :

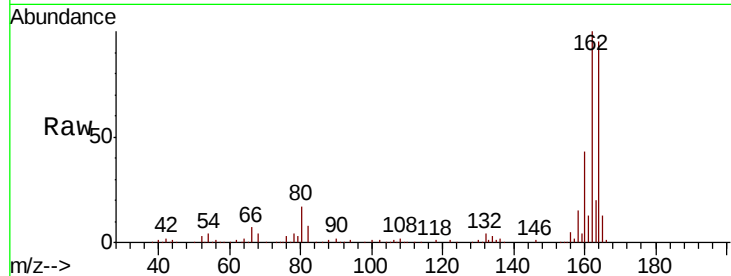
Tot Ion:164 Resp: 145468

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

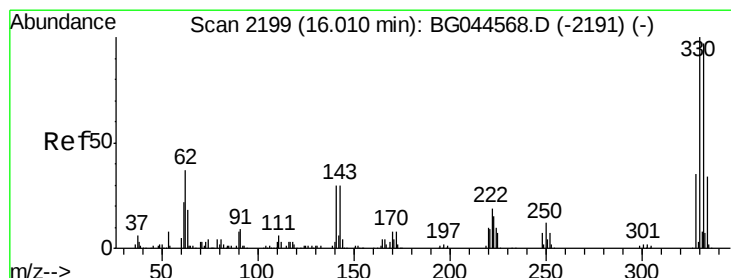
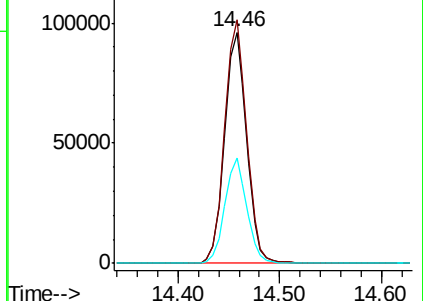
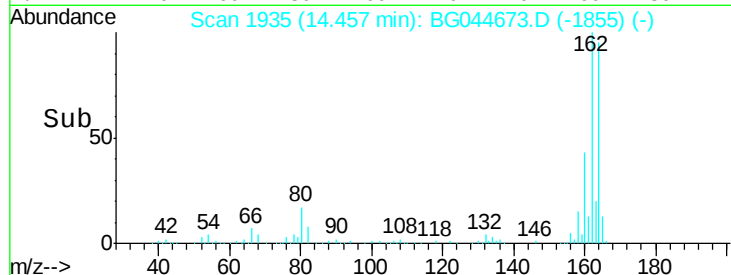
160 45.5 36.2 54.4



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: 148.387 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044673.D

Acq: 3 Mar 2020 22:10

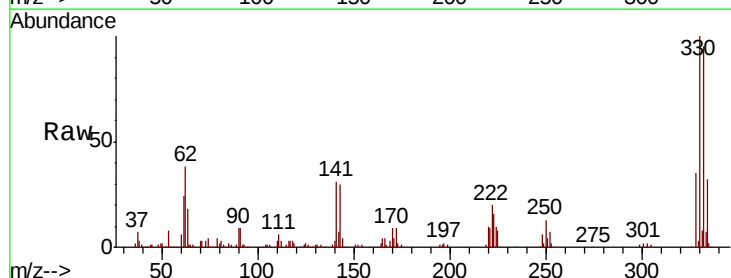
Tgt Ion:330 Resp: 306067

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

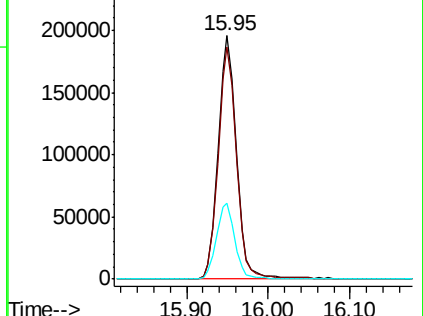
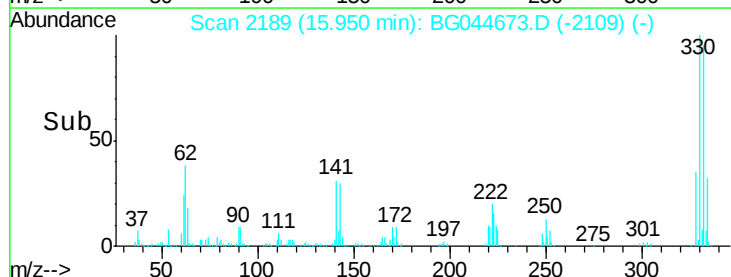
141 31.9 26.1 39.1

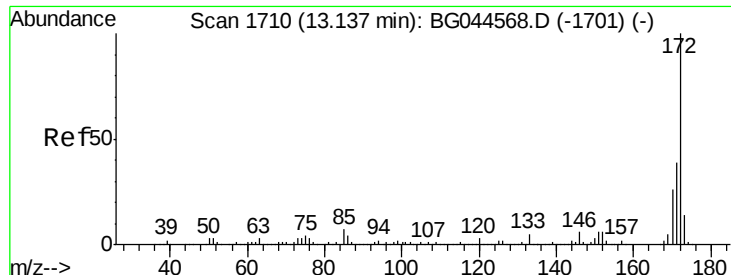


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

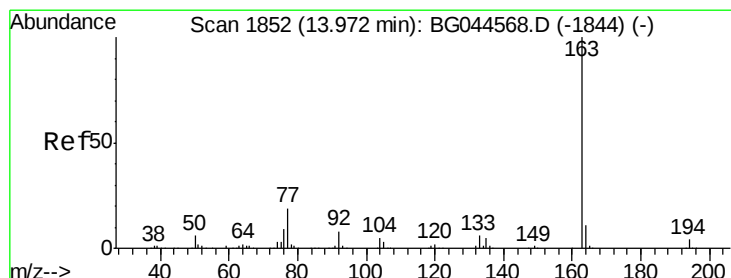
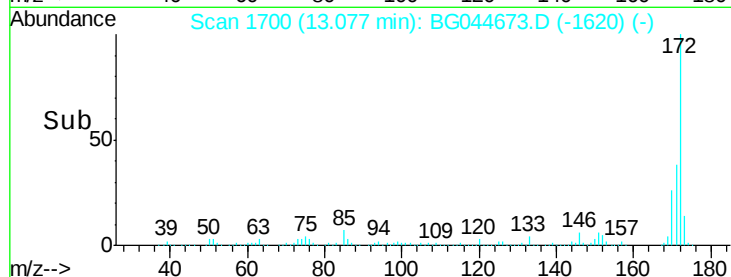
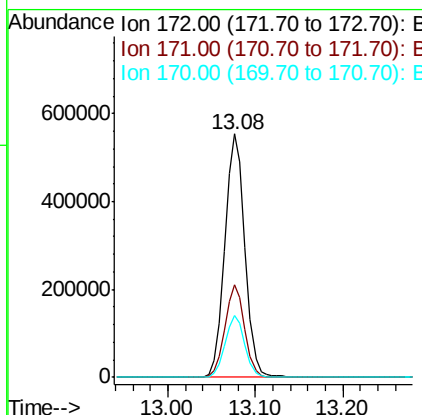
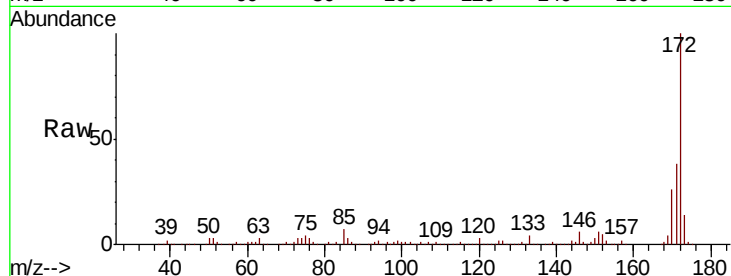




#45
2-Fluorobiphenyl
Concen: 85.932 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

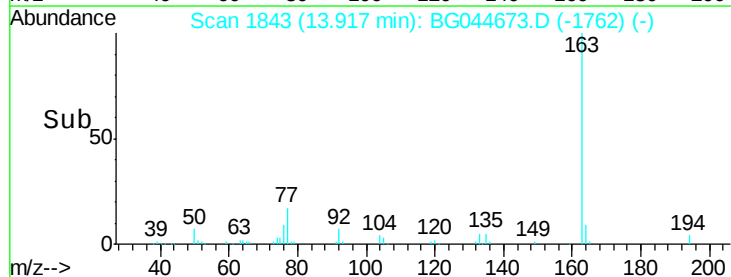
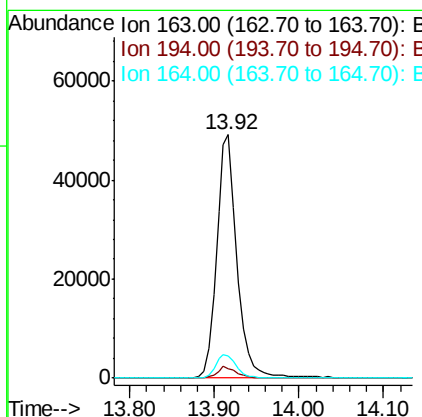
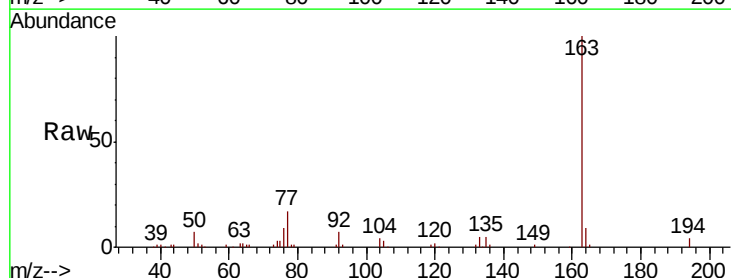
Instrument :
BNA_G
ClientSampleId :

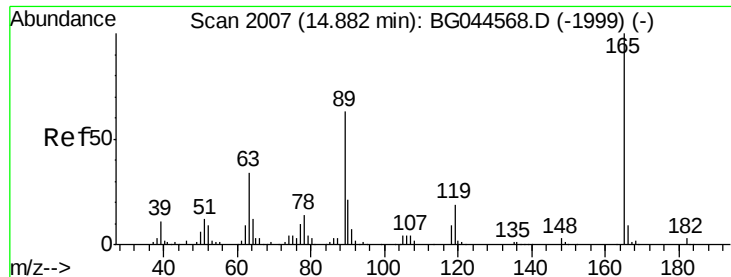
Tot Ion:172 Resp: 872933
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.6 21.0 31.4



#50
Dimethylphthalate
Concen: 7.014 ng
RT: 13.92 min Scan# 1843
Delta R.T. -0.05 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Tgt Ion:163 Resp: 82350
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.2 8.7 13.1

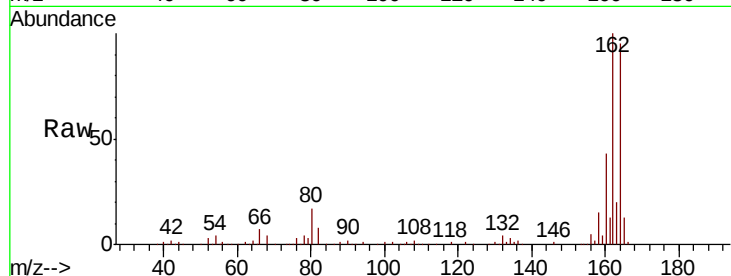




#57
 2,4-Dinitrotoluene
 Concen: 5.397 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.42 min
 Lab File: BG044673.D
 Acq: 3 Mar 2020 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#

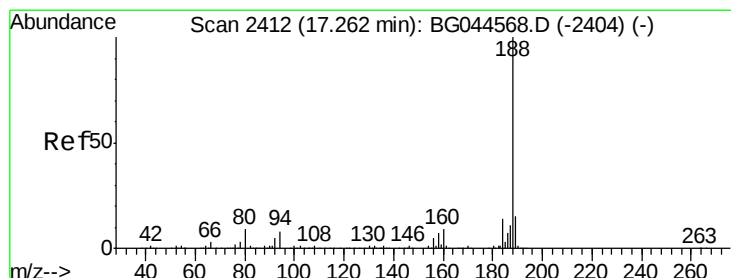
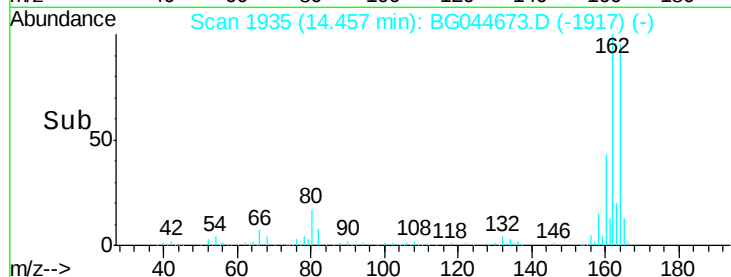
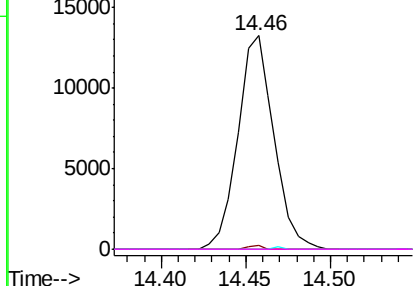


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

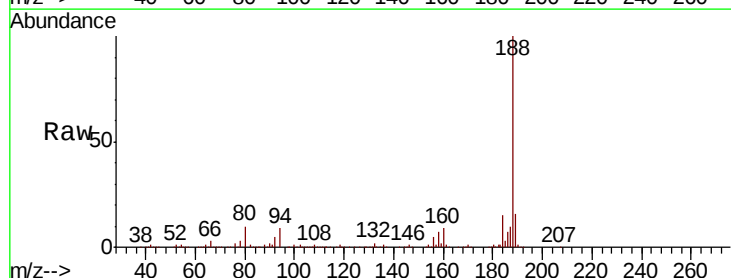
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044673.D
 Acq: 3 Mar 2020 22:10

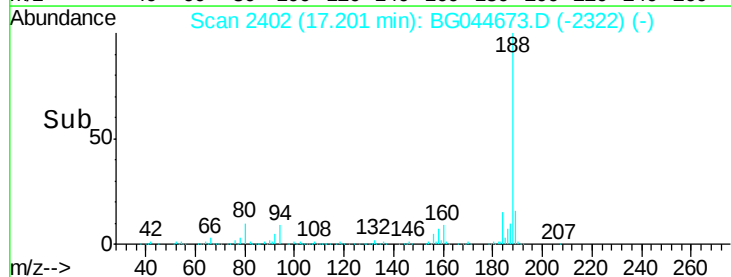
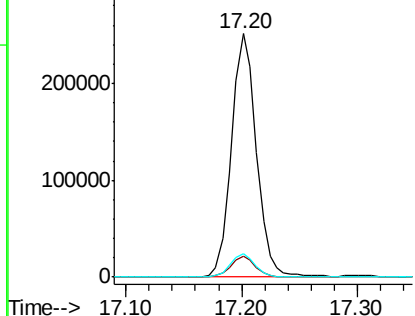
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.5	7.6	11.4

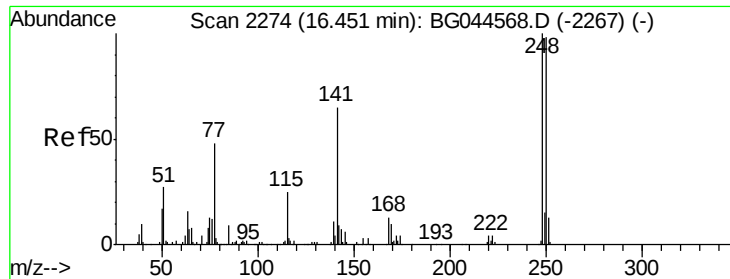


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

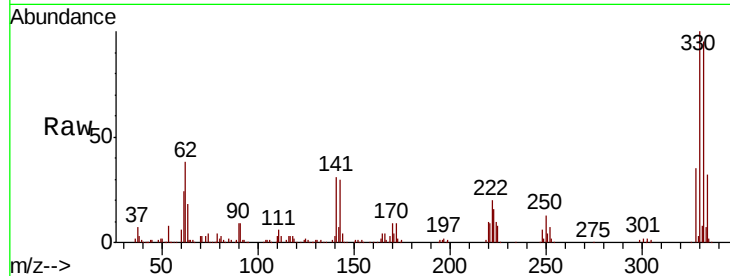




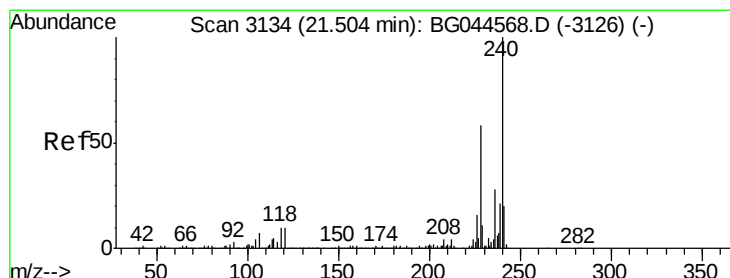
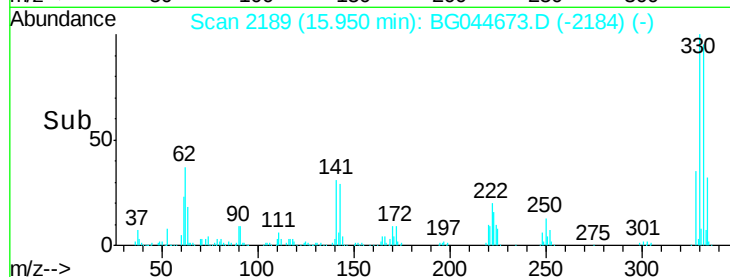
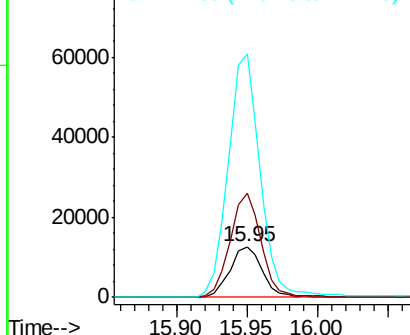
#67
4-Bromophenyl-phenylether
Concen: 4.357 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.50 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20308
Ion Ratio Lower Upper
248 100
250 206.2 78.7 118.1#
141 480.2 52.3 78.5#

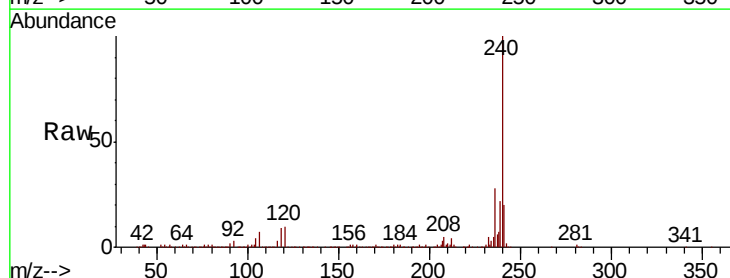


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

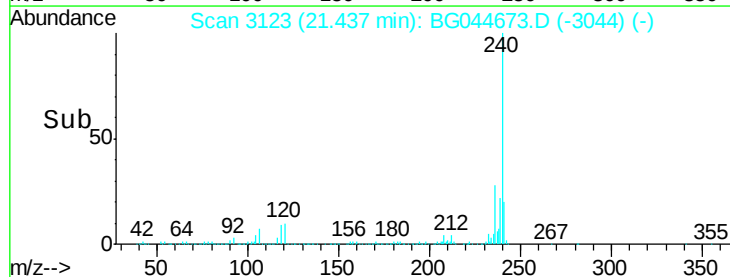
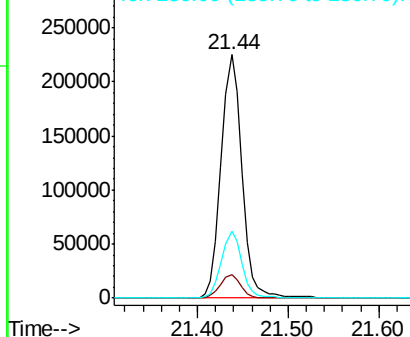


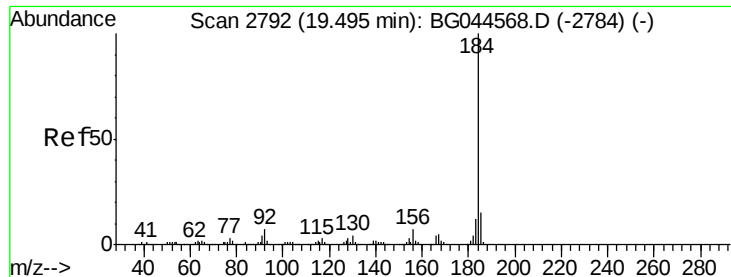
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044673.D
Acq: 3 Mar 2020 22:10

Tgt Ion:240 Resp: 360660
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 27.6 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





#77

Benzidine

Concen: 2.073 ng

RT: 19.83 min Scan# 2849

Delta R.T. 0.33 min

Lab File: BG044673.D

Acq: 3 Mar 2020 22:10

Instrument :

BNA_G

ClientSampled :

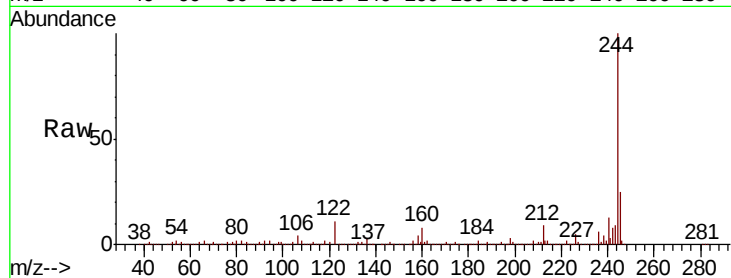
Tot Ion:184 Resp: 25609

Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.4

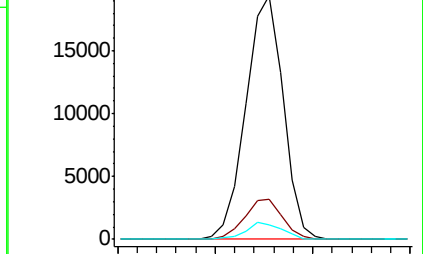
183 6.0 9.9 14.9#



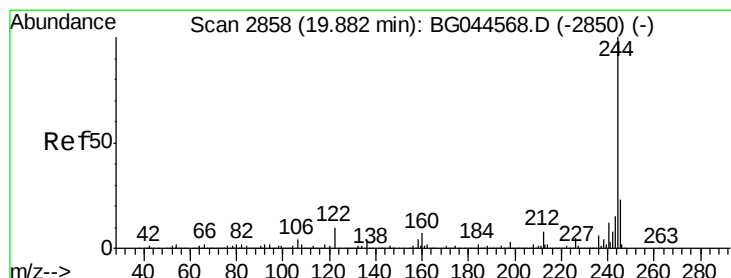
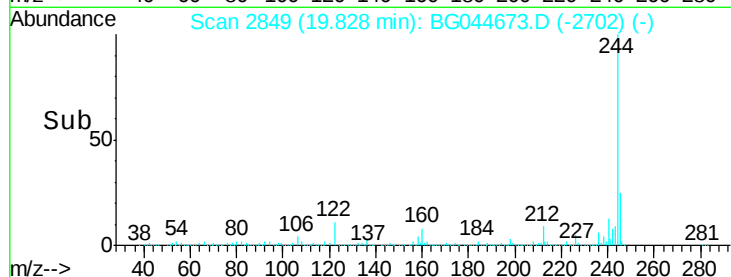
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.75 19.80 19.85



#79

Terphenyl-d14

Concen: 88.349 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.05 min

Lab File: BG044673.D

Acq: 3 Mar 2020 22:10

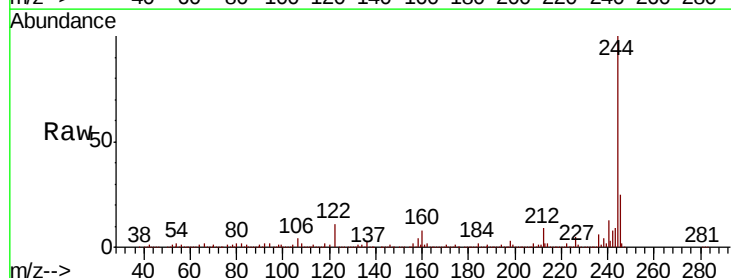
Tgt Ion:244 Resp: 1683192

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

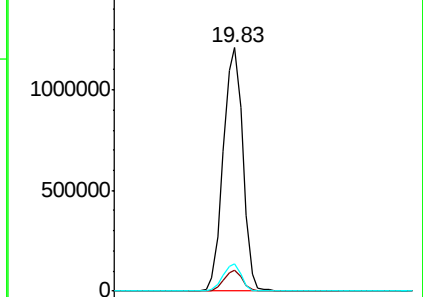
122 11.2 8.2 12.4



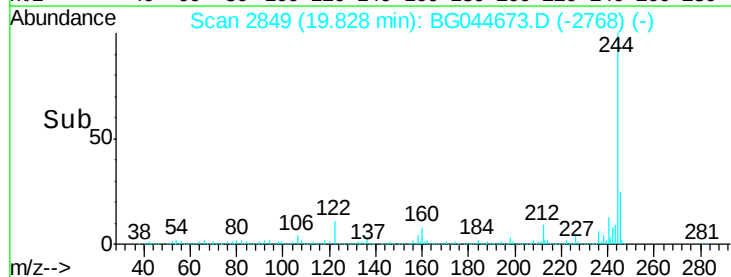
Abundance Ion 244.00 (243.70 to 244.70): E

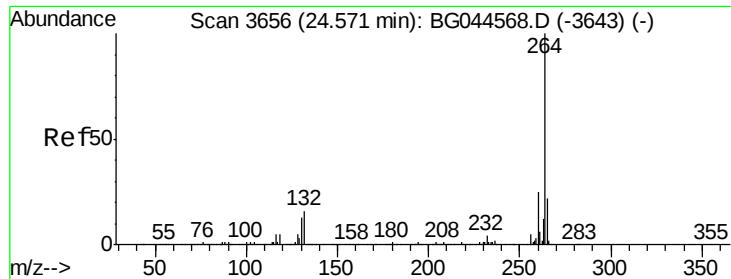
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.90

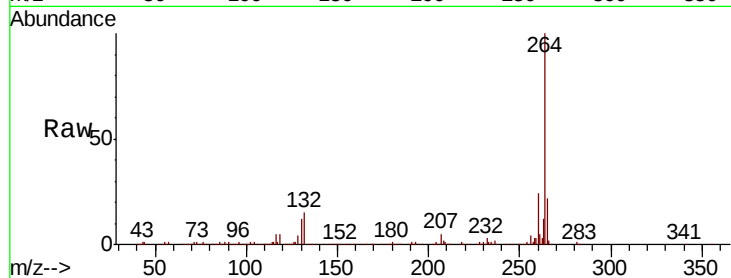




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.46 min Scan# 3637
 Delta R.T. -0.11 min
 Lab File: BG044673.D
 Acq: 3 Mar 2020 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	404551
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.6	17.8	26.8



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

