

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042444.D
 Acq On : 23 Aug 2019 22:00
 Operator : HP/JU
 Sample : K4331-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0648-ELUTRIATE-COMP-B

Quant Time: Aug 24 02:28:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

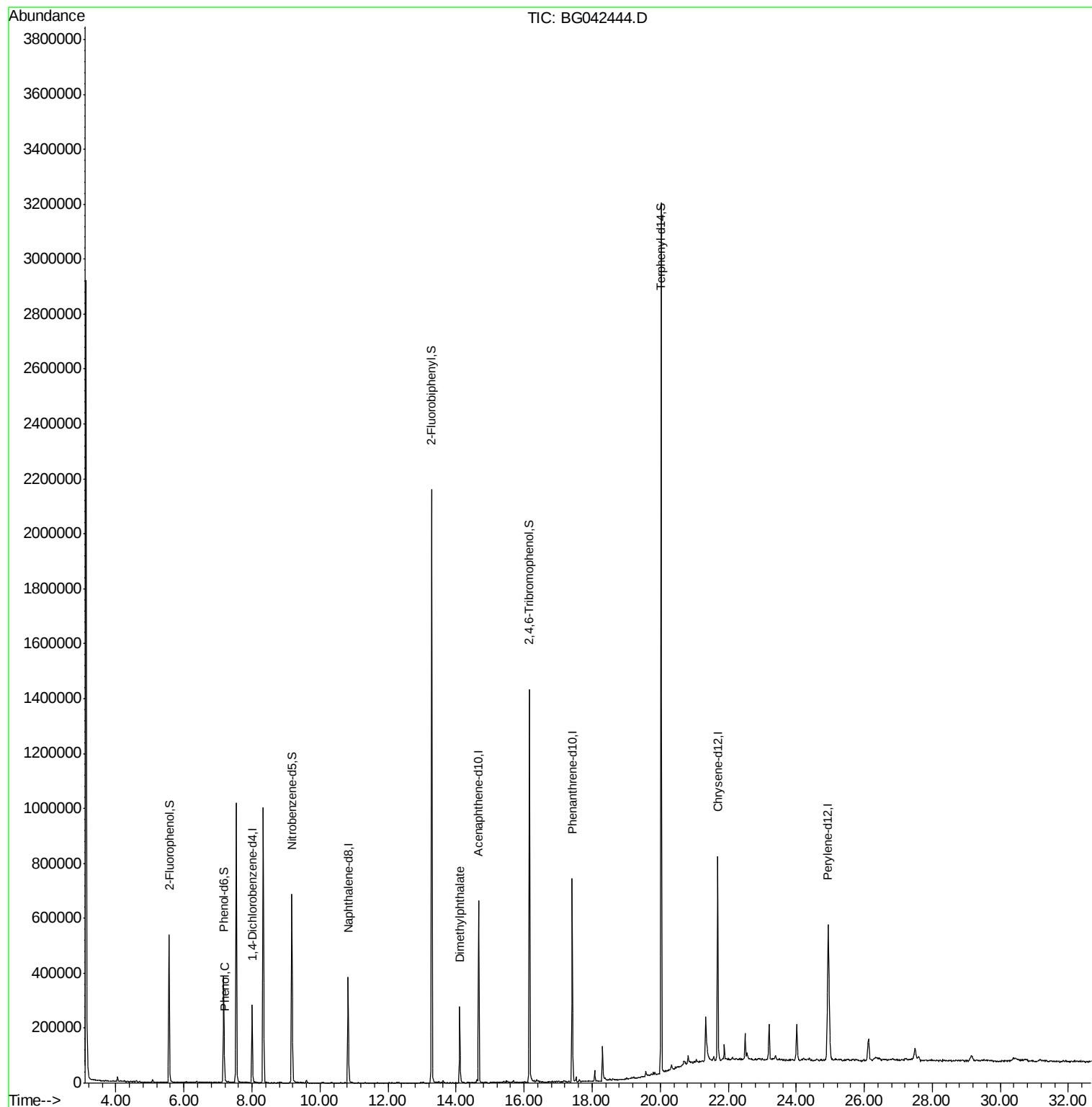
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	97672	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	388034	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	252569	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	503855	20.00	ng	0.00
76) Chrysene-d12	21.69	240	472346	20.00	ng	0.00
87) Perylene-d12	24.94	264	558227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	283017	58.69	ng	0.00
7) Phenol-d6	7.17	99	276439	42.44	ng	0.00
23) Nitrobenzene-d5	9.17	82	465658	82.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	325609	90.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1222563	81.87	ng	0.00
79) Terphenyl-d14	20.03	244	1516631	69.42	ng	0.00
Target Compounds						
10) Phenol	7.19	94	14259	2.153	ng	92
50) Dimethylphthalate	14.11	163	222934	12.233	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: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

Instrument :

BNA_G

ClientSampleId :

0648-ELUTRIATE-COMP-B

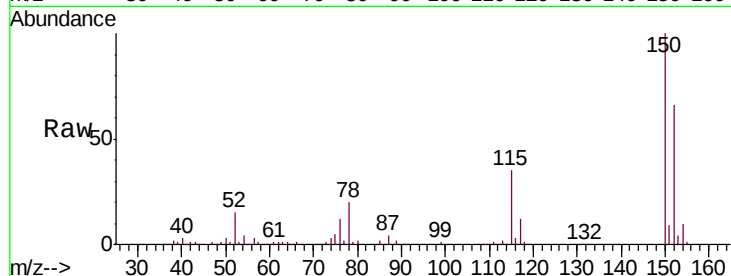
Tot Ion:152 Resp: 97672

Ion Ratio Lower Upper

152 100

150 151.7 125.4 188.0

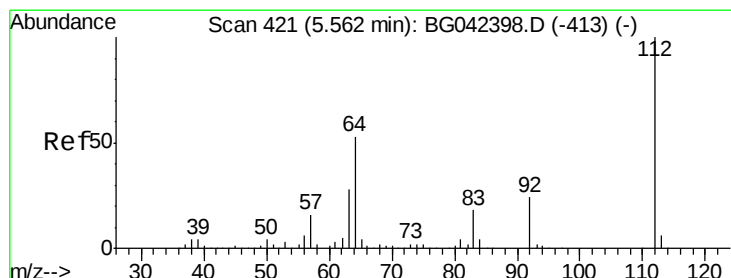
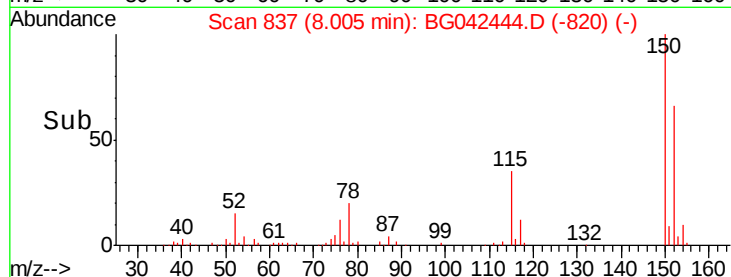
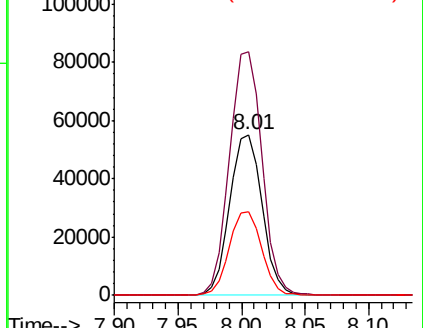
115 52.4 38.5 57.7



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: 58.685 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

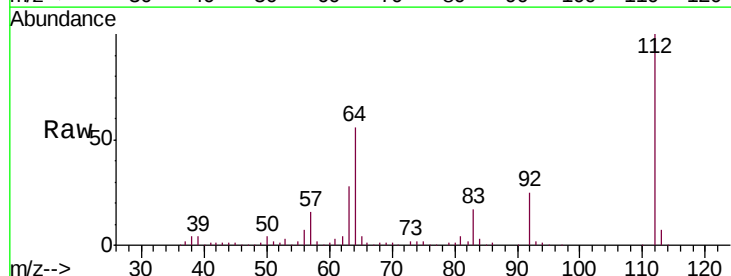
Tgt Ion:112 Resp: 283017

Ion Ratio Lower Upper

112 100

64 56.3 42.8 64.2

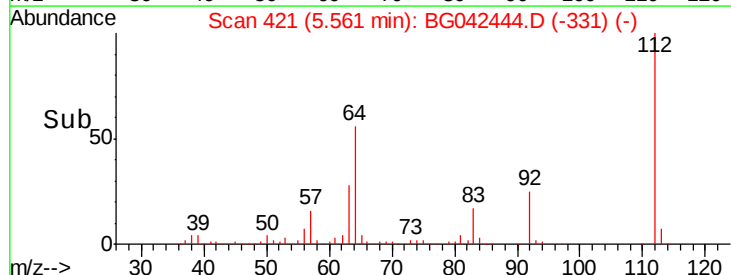
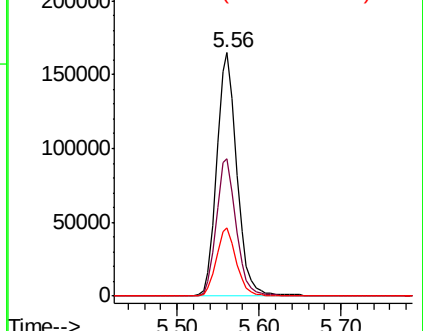
63 28.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.436 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

Instrument :

BNA_G

ClientSampleId :

0648-ELUTRIATE-COMP-B

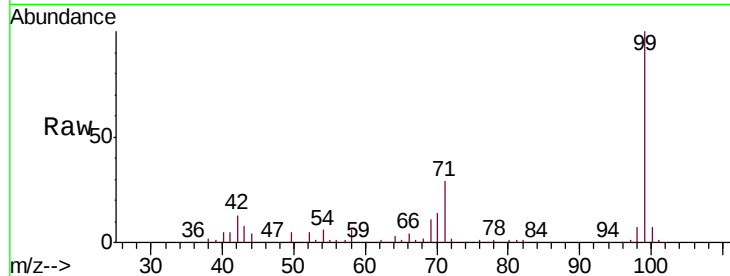
Tot Ion: 99 Resp: 276439

Ion Ratio Lower Upper

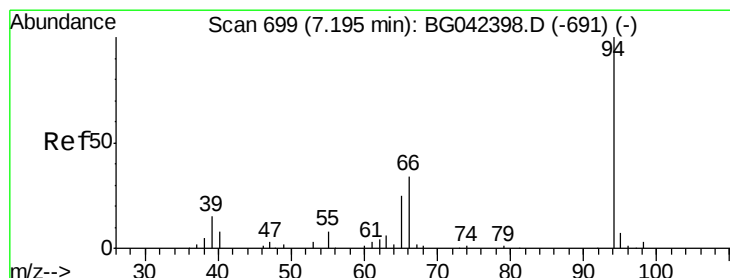
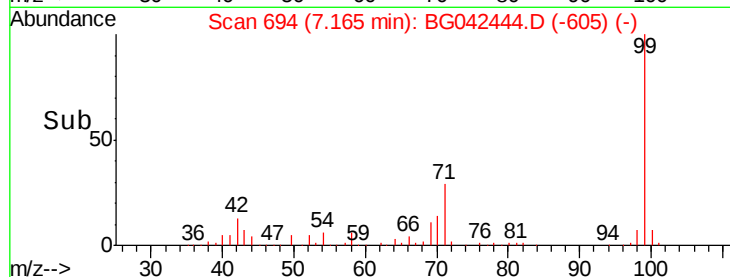
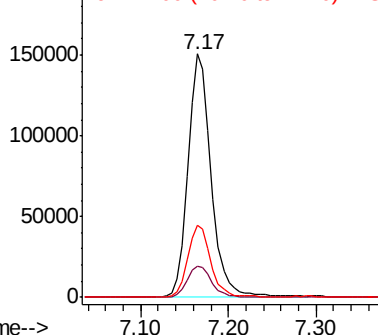
99 100

42 12.9 12.0 18.0

71 29.4 26.3 39.5



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



#10

Phenol

Concen: 2.153 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

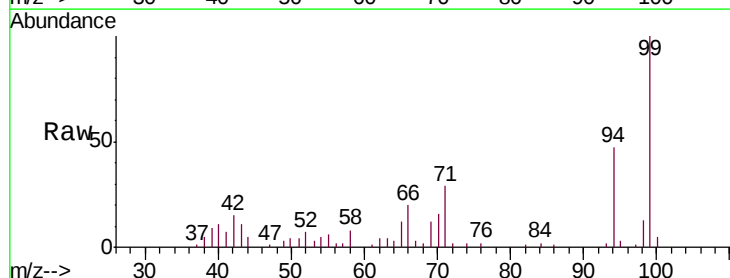
Tgt Ion: 94 Resp: 14259

Ion Ratio Lower Upper

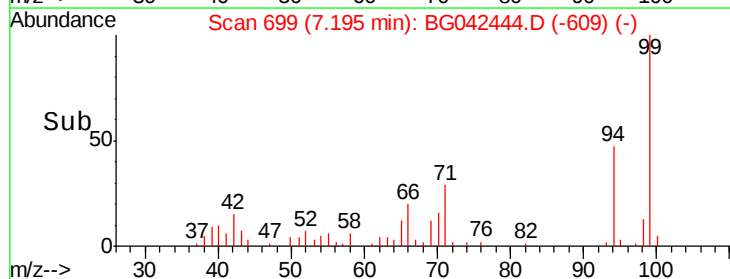
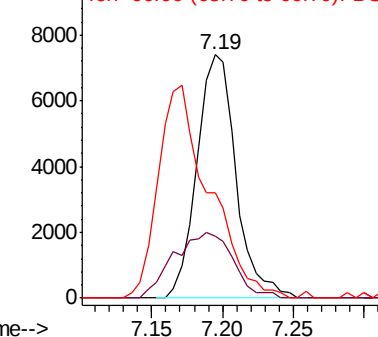
94 100

65 25.1 5.6 45.6

66 43.5 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

Instrument :

BNA_G

ClientSampleId :

0648-ELUTRIATE-COMP-B

Tot Ion:136 Resp: 388034

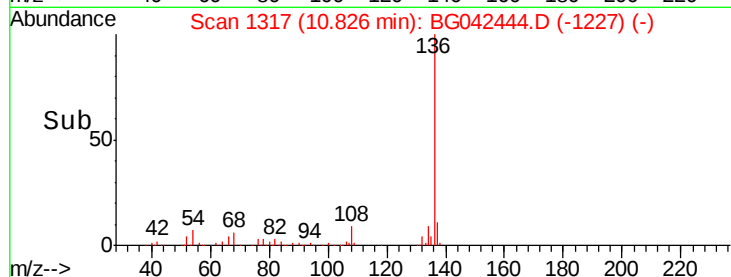
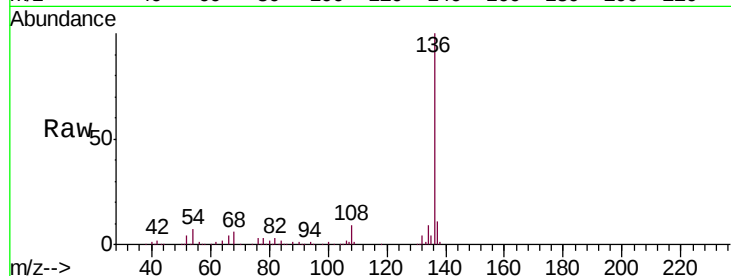
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.5 4.9 7.3#

68 5.6 3.6 5.4#



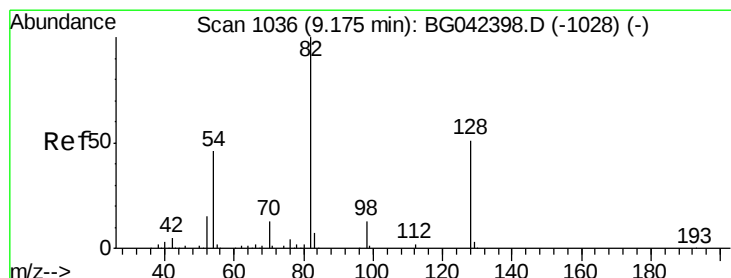
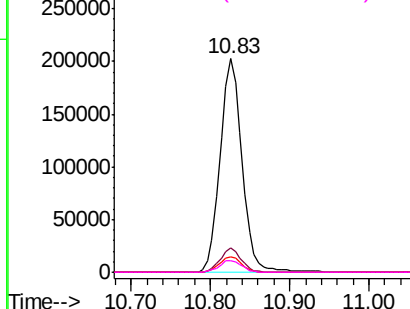
Abundance

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: 82.928 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

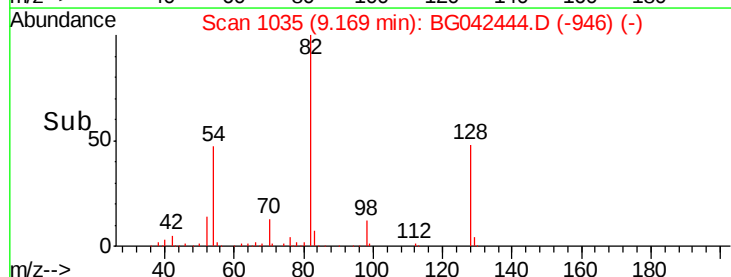
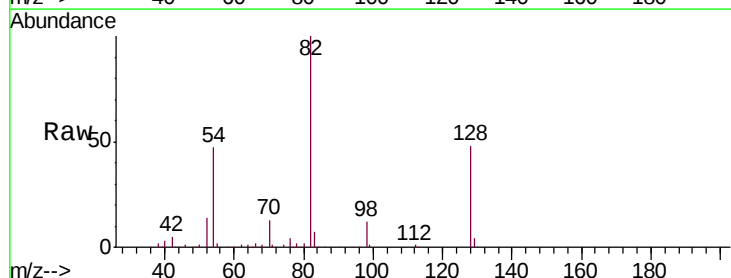
Tgt Ion: 82 Resp: 465658

Ion Ratio Lower Upper

82 100

128 47.9 40.7 61.1

54 47.2 36.3 54.5

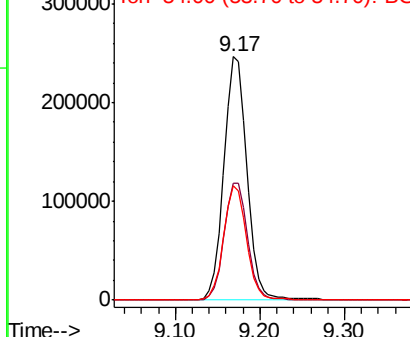


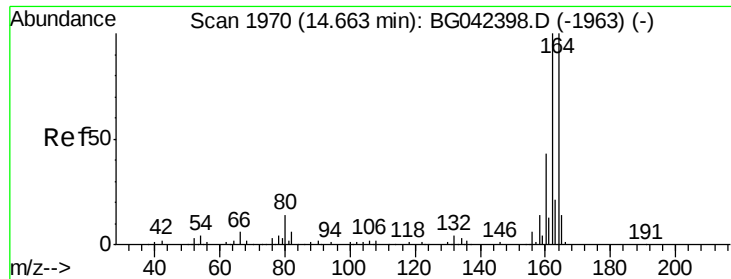
Abundance

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: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

Instrument :

BNA_G

ClientSampleId :

0648-ELUTRIATE-COMP-B

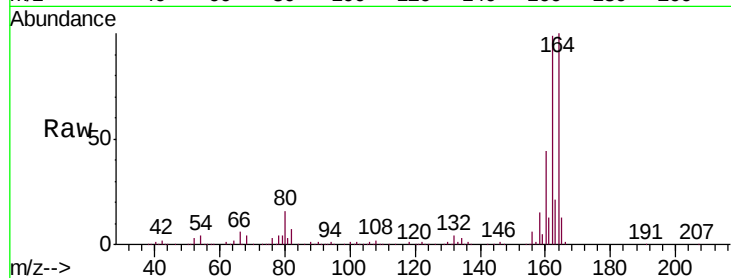
Tot Ion:164 Resp: 252569

Ion Ratio Lower Upper

164 100

162 98.8 79.9 119.9

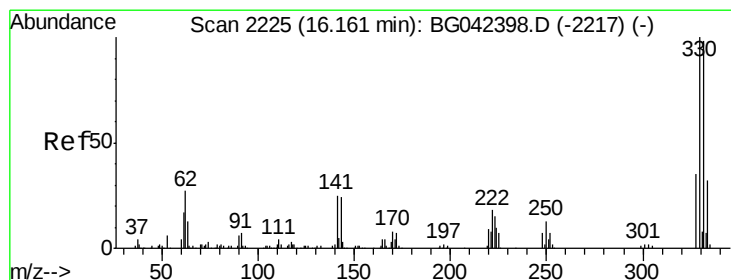
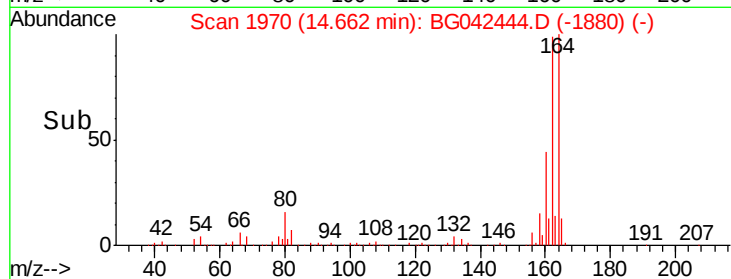
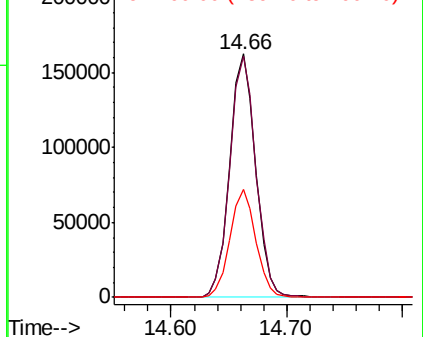
160 44.2 34.3 51.5



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: 90.703 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

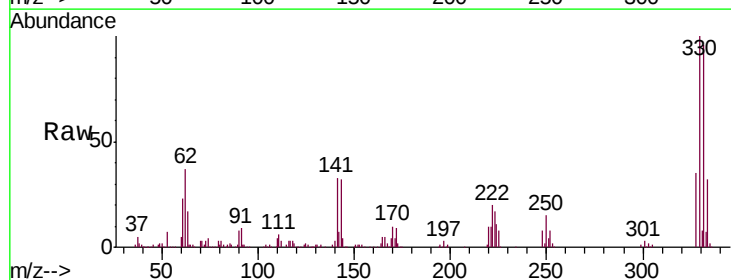
Tgt Ion:330 Resp: 325609

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

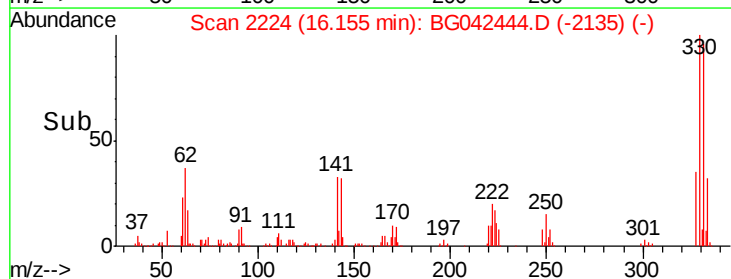
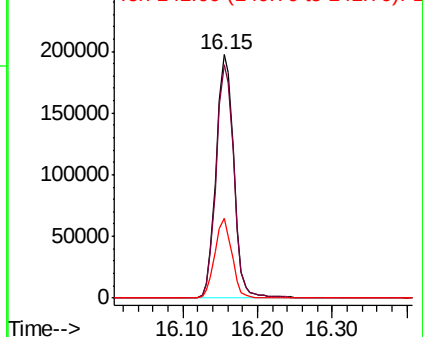
141 31.7 21.4 32.0



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



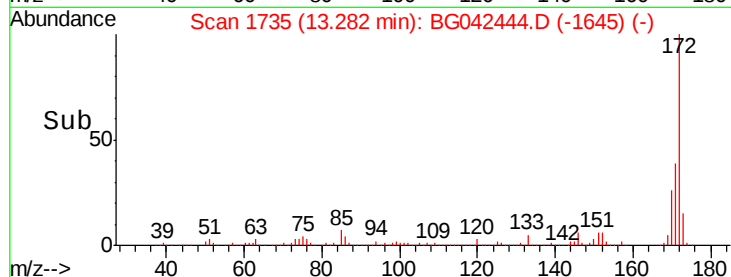
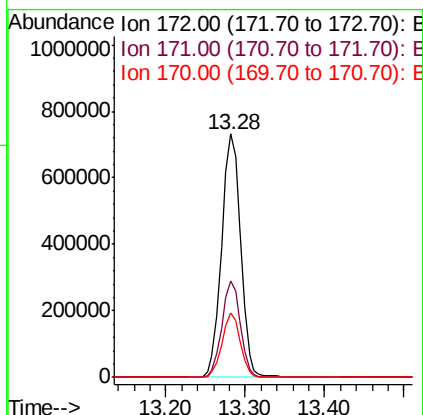
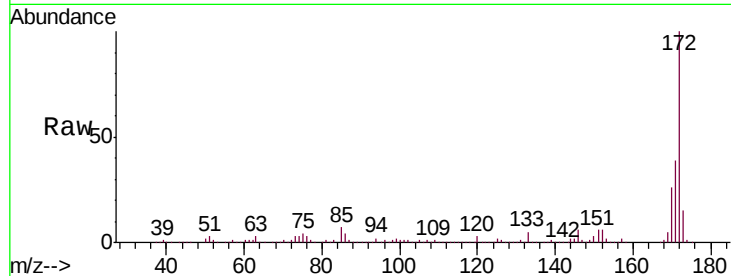


#45
2-Fluorobiphenyl
Concen: 81.867 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042444.D
Acq: 23 Aug 2019 22:00

Instrument :
BNA_G
ClientSampleId :
0648-ELUTRIATE-COMP-B

Tot Ion:172 Resp: 1222563

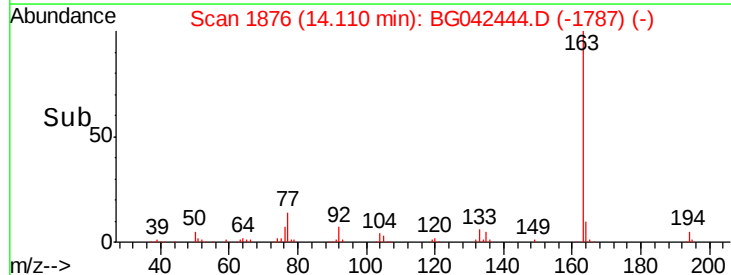
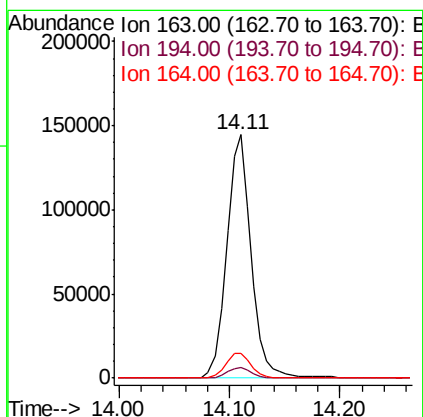
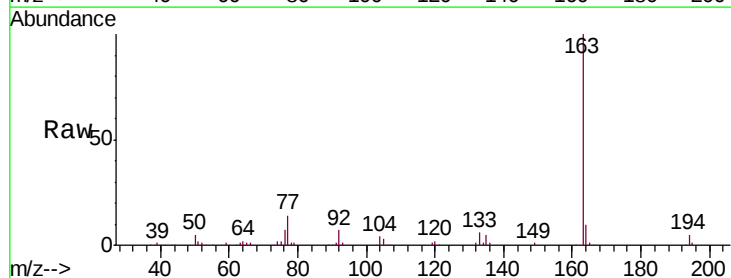
Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.5	45.7
170	26.5	20.2	30.2

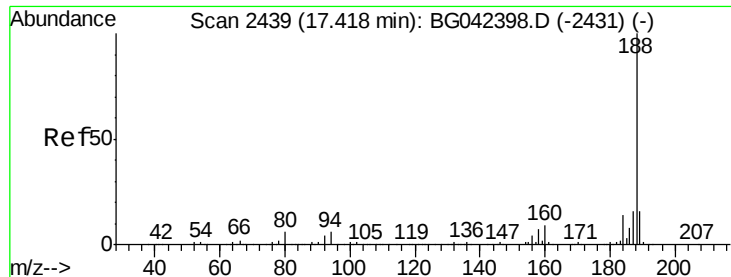


#50
Dimethylphthalate
Concen: 12.233 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042444.D
Acq: 23 Aug 2019 22:00

Tgt Ion:163 Resp: 222934

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	10.3	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

Instrument :

BNA_G

ClientSampleId :

0648-ELUTRIATE-COMP-B

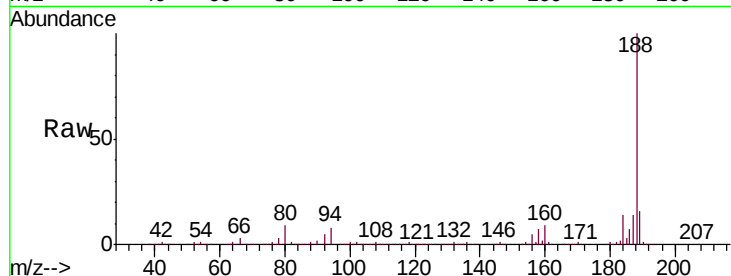
Tot Ion:188 Resp: 503855

Ion Ratio Lower Upper

188 100

94 7.7 4.5 6.7#

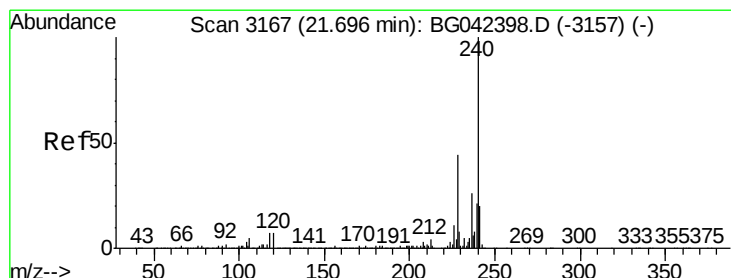
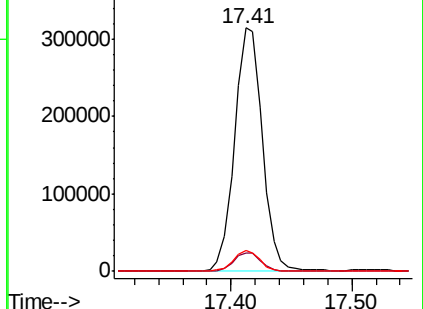
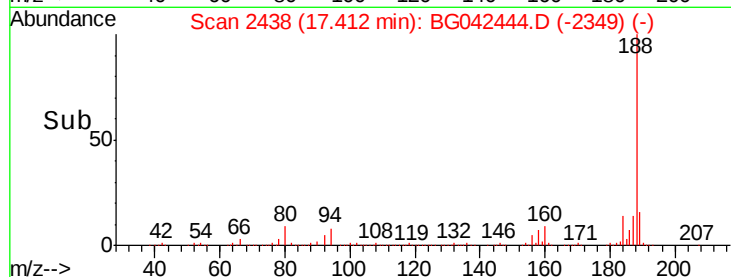
80 8.8 4.9 7.3#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

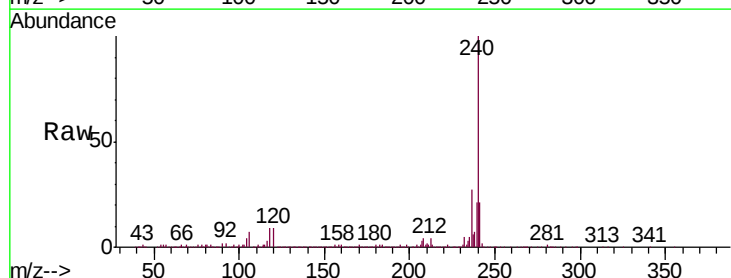
Tgt Ion:240 Resp: 472346

Ion Ratio Lower Upper

240 100

120 9.3 5.7 8.5#

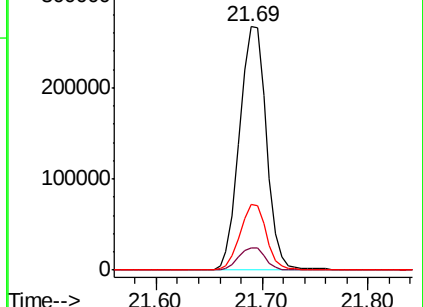
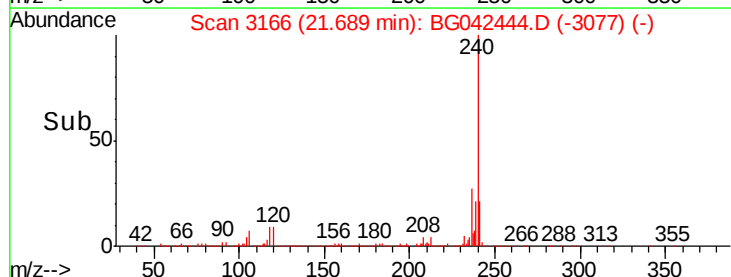
236 26.9 21.0 31.4

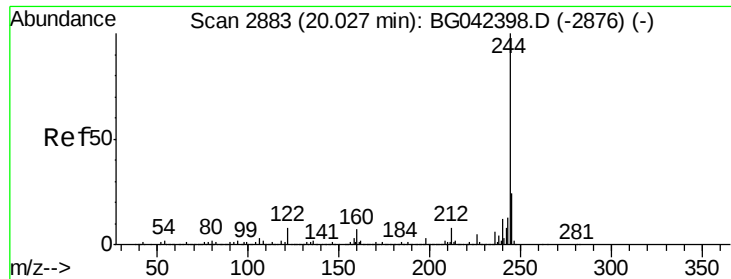


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.416 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

Instrument :

BNA_G

ClientSampleId :

0648-ELUTRIATE-COMP-B

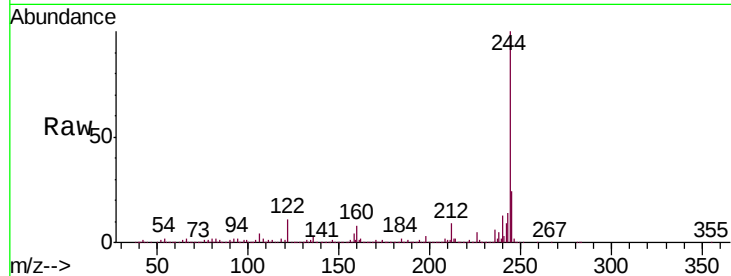
Tot Ion:244 Resp: 1516631

Ion Ratio Lower Upper

244 100

212 8.6 6.0 9.0

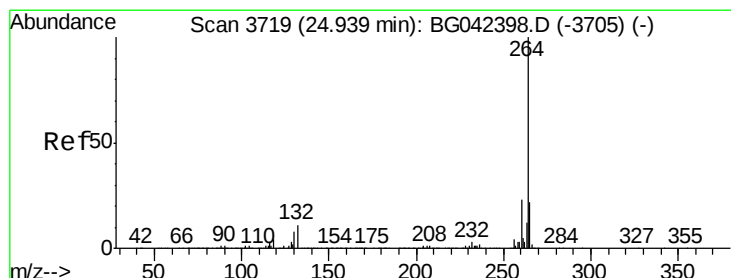
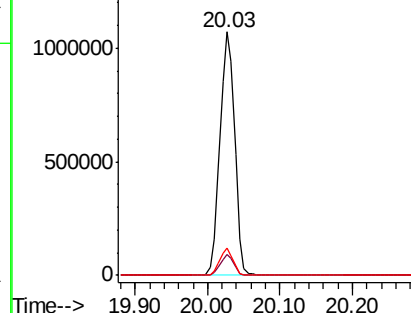
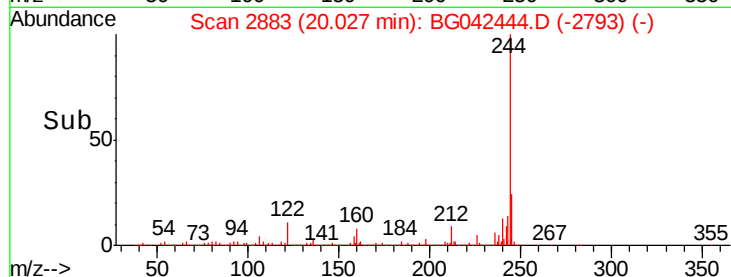
122 11.0 6.7 10.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042444.D

Acq: 23 Aug 2019 22:00

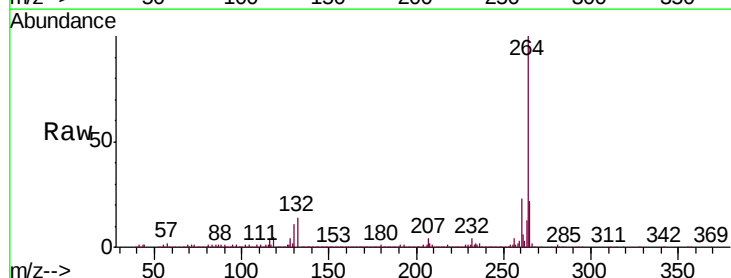
Tgt Ion:264 Resp: 558227

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.3 17.6 26.4



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

