

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045450.D
 Acq On : 21 May 2020 21:42
 Operator : CG/JU
 Sample : L2728-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239998

Quant Time: May 22 01:09:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61156	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	243777	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	181415	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	447924	20.00	ng	0.00
76) Chrysene-d12	21.61	240	463117	20.00	ng	0.00
87) Perylene-d12	24.76	264	486878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	432007	138.05	ng	0.00
7) Phenol-d6	7.18	99	535747	120.29	ng	0.00
23) Nitrobenzene-d5	9.12	82	493907	110.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	402222	173.36	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1181946	110.51	ng	0.00
79) Terphenyl-d14	19.97	244	2204383	111.01	ng	0.00

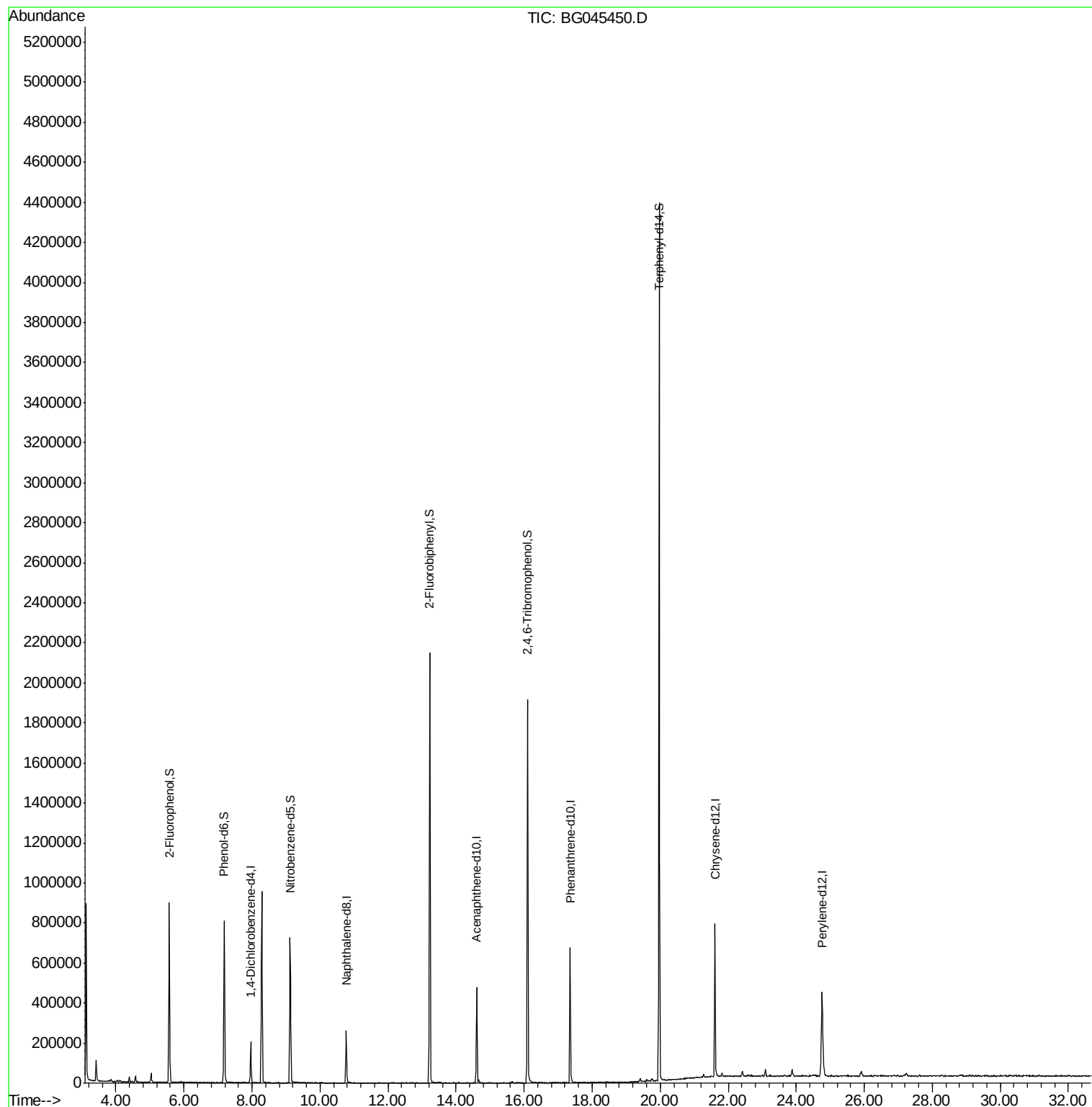
Target Compounds Qvalue

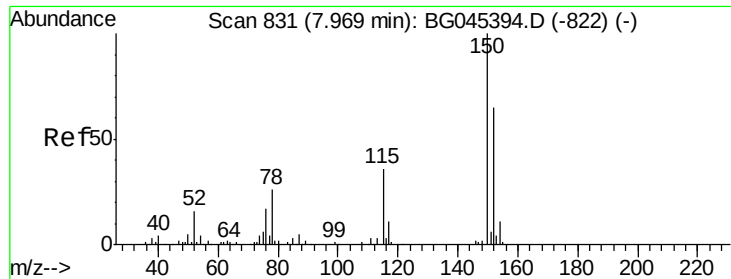
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045450.D
Acq On : 21 May 2020 21:42
Operator : CG/JU
Sample : L2728-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
239998

Quant Time: May 22 01:09:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration



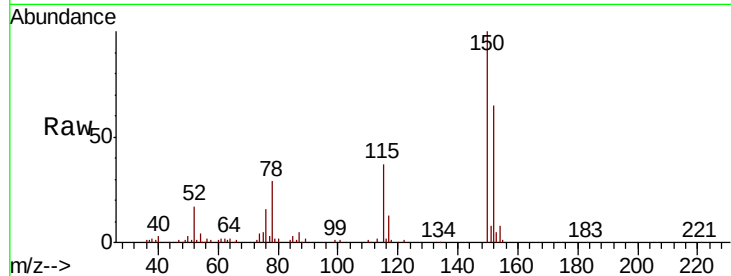


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 239998

Tot Ion	152	Resp	61156
Ion Ratio	Lower	Upper	
152	100		
150	154.4	122.4	183.6
115	57.3	44.2	66.4

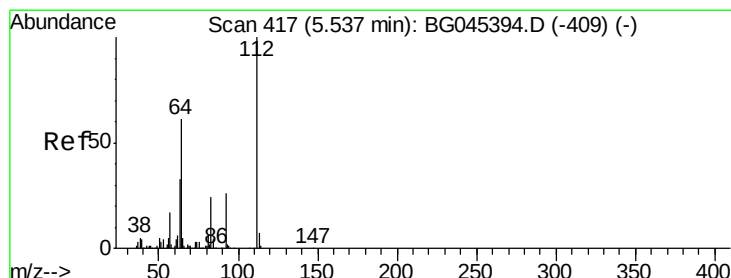
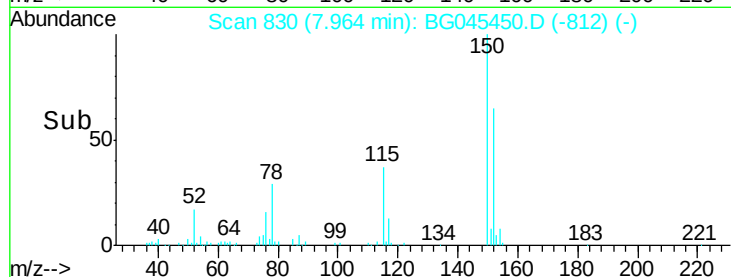
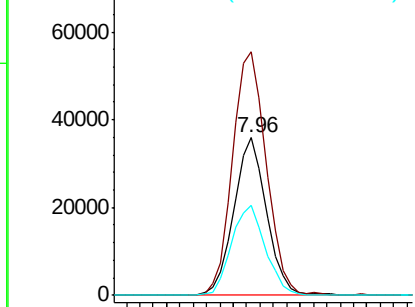


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

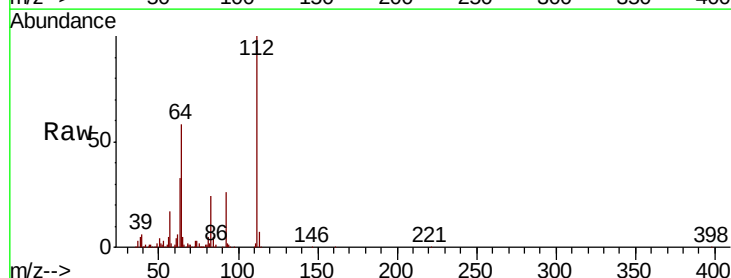
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 138.052 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

Tgt Ion	112	Resp	432007
Ion Ratio	Lower	Upper	
112	100		
64	57.9	48.6	72.8
63	33.1	26.5	39.7

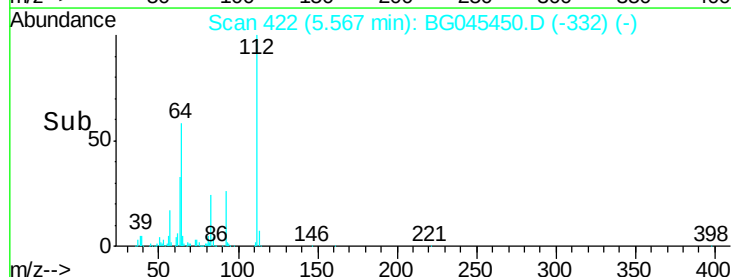
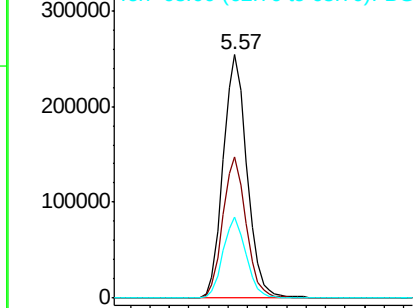


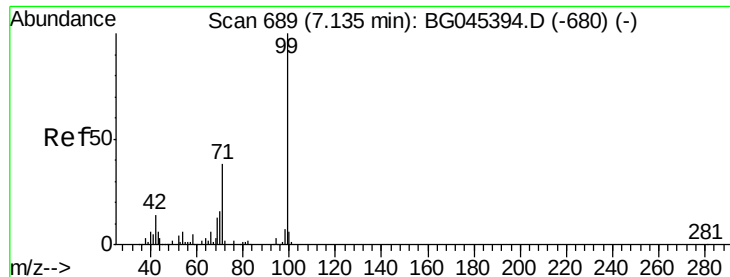
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.286 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Instrument :

BNA_G

ClientSampleId :

239998

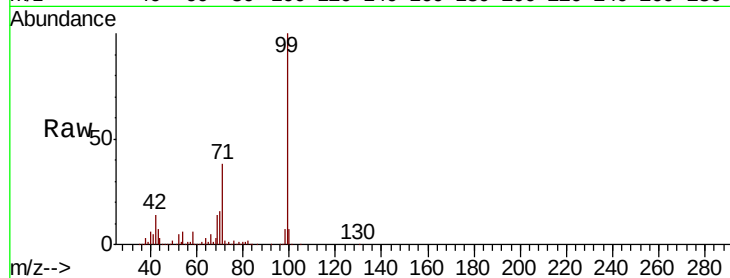
Tot Ion: 99 Resp: 535747

Ion Ratio Lower Upper

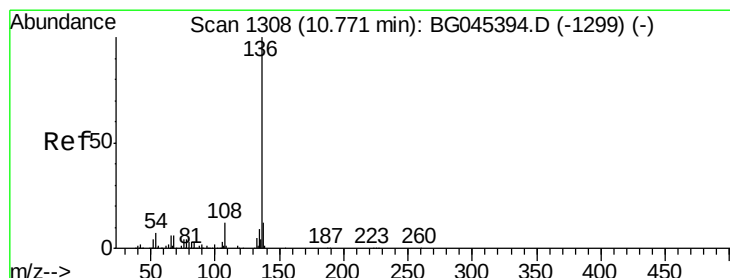
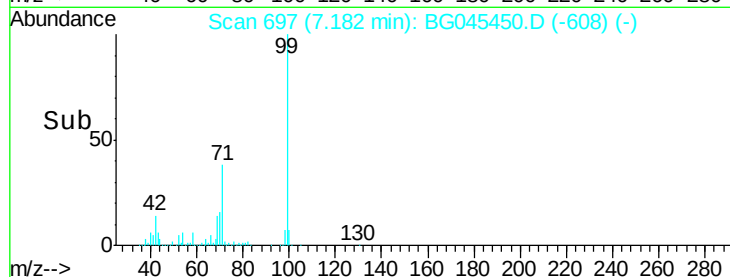
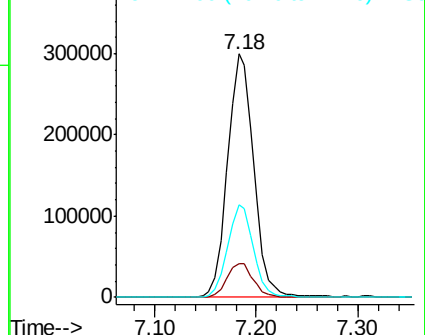
99 100

42 14.0 11.3 16.9

71 38.2 30.8 46.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Tgt Ion: 136 Resp: 243777

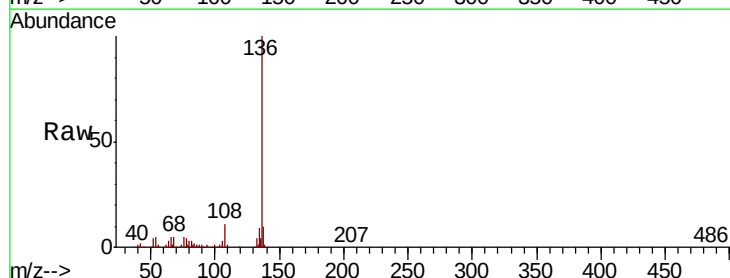
Ion Ratio Lower Upper

136 100

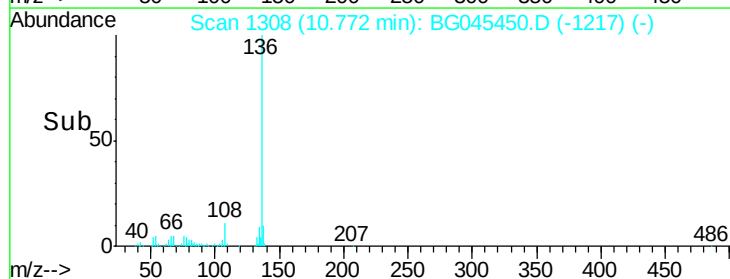
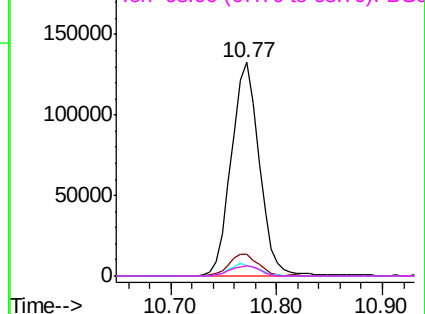
137 10.3 9.4 14.2

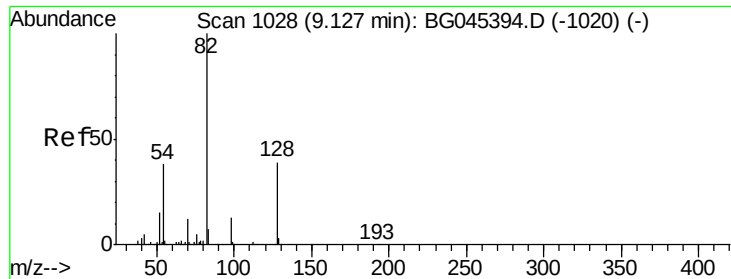
54 5.0 5.8 8.6#

68 4.6 4.5 6.7



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





#23

Nitrobenzene-d5

Concen: 110.484 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Instrument :

BNA_G

ClientSampleId :

239998

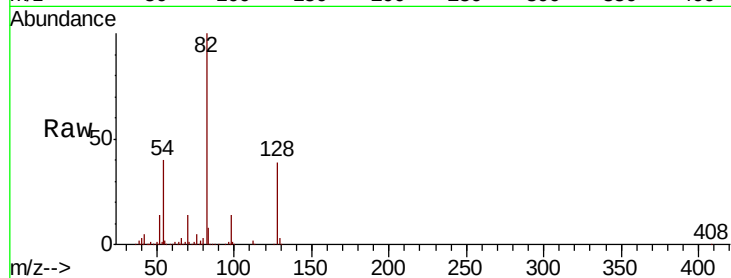
Tot Ion: 82 Resp: 493907

Ion Ratio Lower Upper

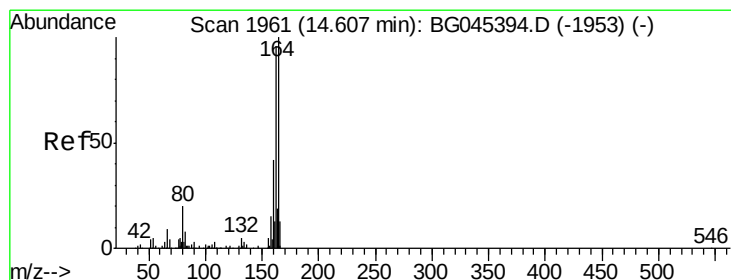
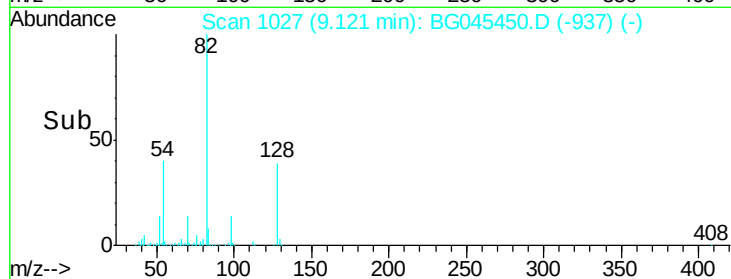
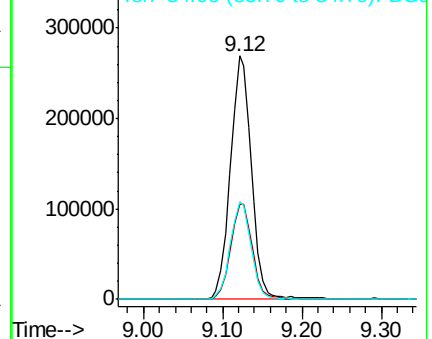
82 100

128 39.3 30.9 46.3

54 39.9 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

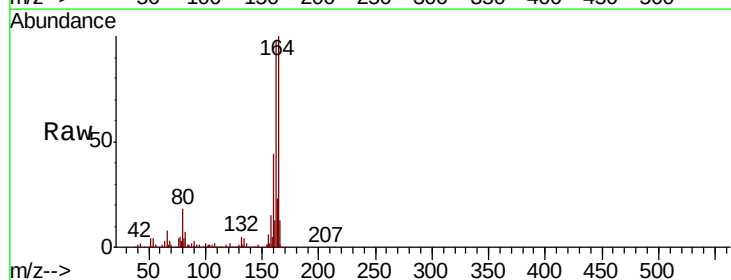
Tgt Ion:164 Resp: 181415

Ion Ratio Lower Upper

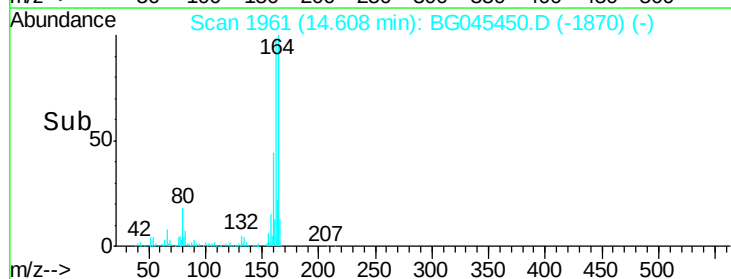
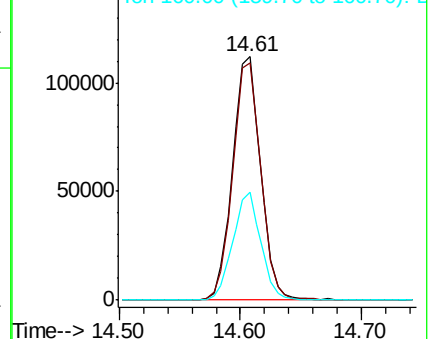
164 100

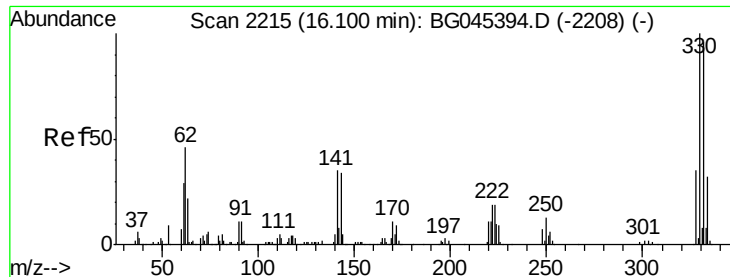
162 97.5 76.9 115.3

160 44.3 33.8 50.8



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

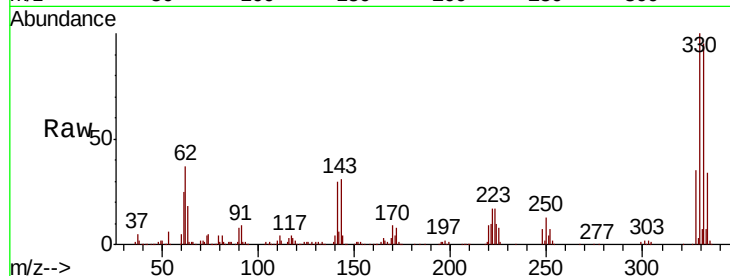




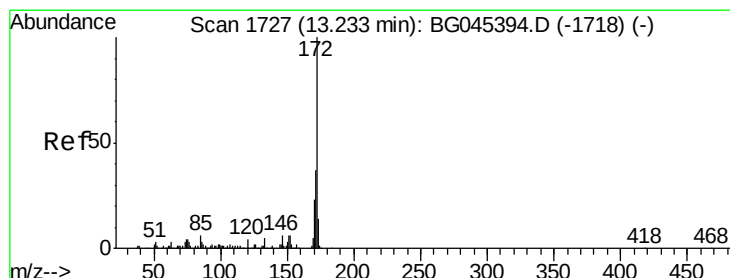
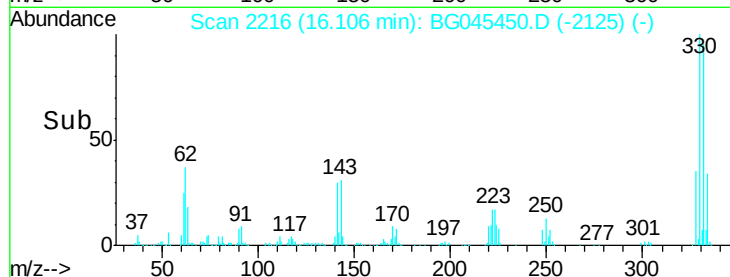
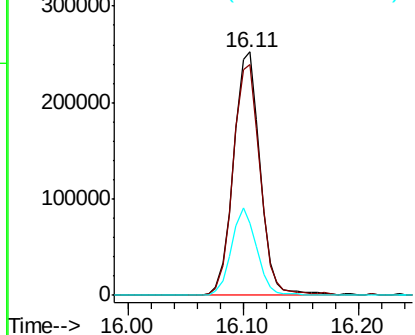
#42
 2,4,6-Tribromophenol
 Concen: 173.365 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 239998

Tot Ion:330 Resp: 402222
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.4
 141 34.4 28.2 42.4

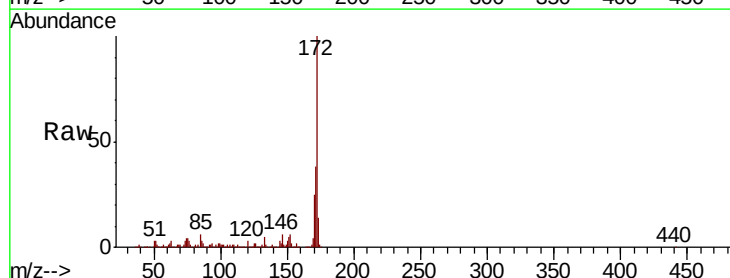


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

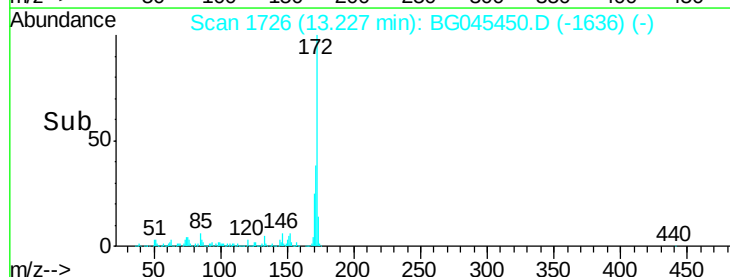
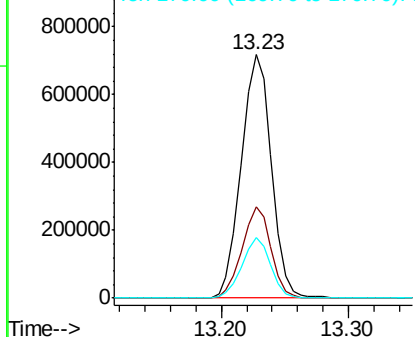


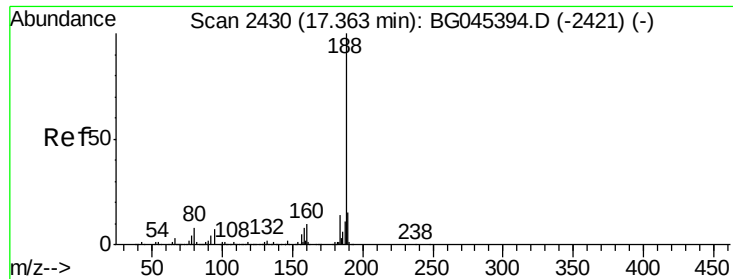
#45
 2-Fluorobiphenyl
 Concen: 110.510 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045450.D
 Acq: 21 May 2020 21:42

Tgt Ion:172 Resp: 1181946
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.5 44.3
 170 24.9 18.5 27.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Instrument :

BNA_G

ClientSampleId :

239998

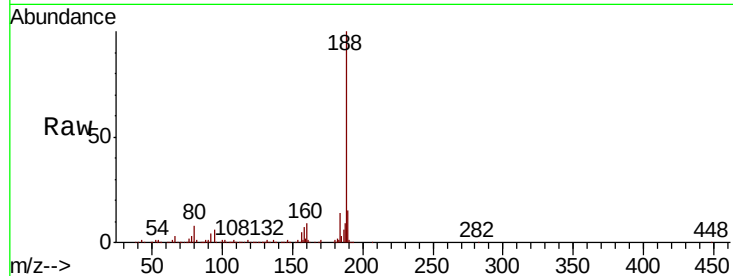
Tot Ion:188 Resp: 447924

Ion Ratio Lower Upper

188 100

94 6.2 5.5 8.3

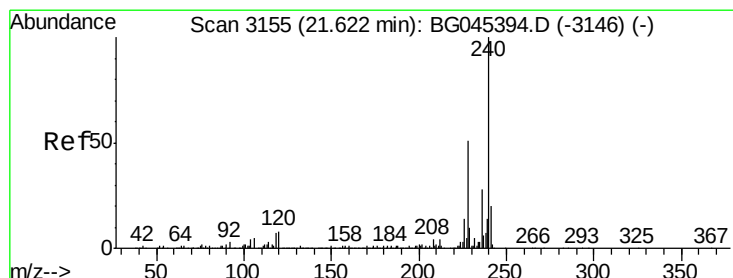
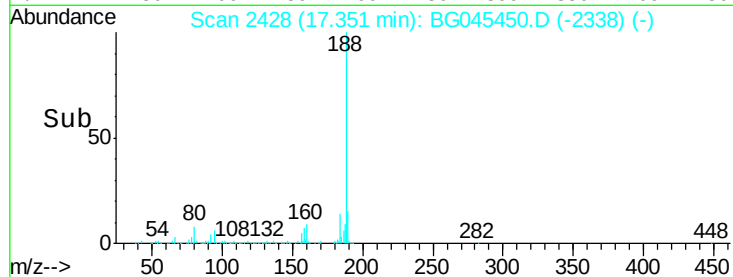
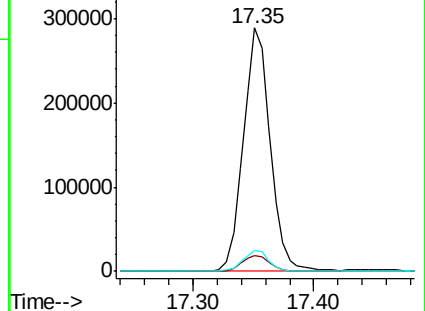
80 8.5 6.6 10.0



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: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

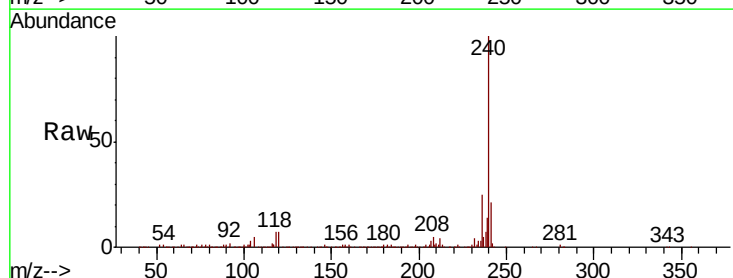
Tgt Ion:240 Resp: 463117

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

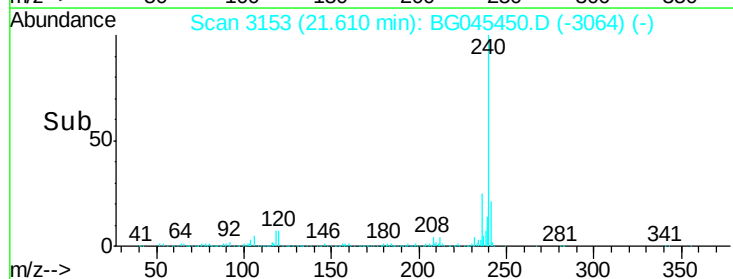
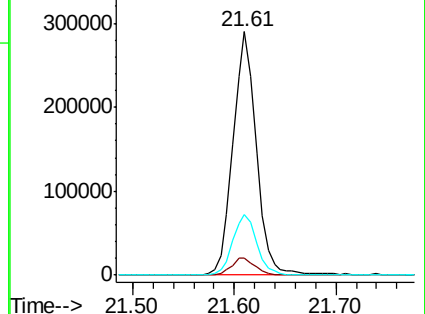
236 25.1 22.3 33.5

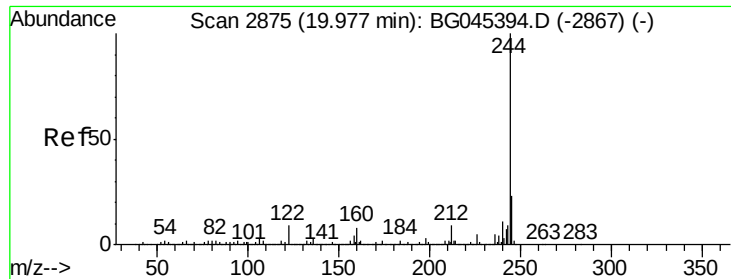


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 111.015 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

Instrument :

BNA_G

ClientSampleId :

239998

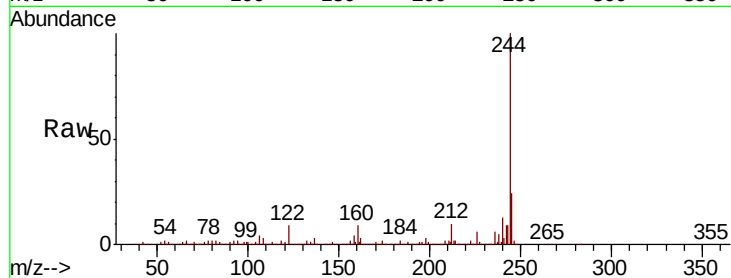
Tot Ion:244 Resp: 2204383

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

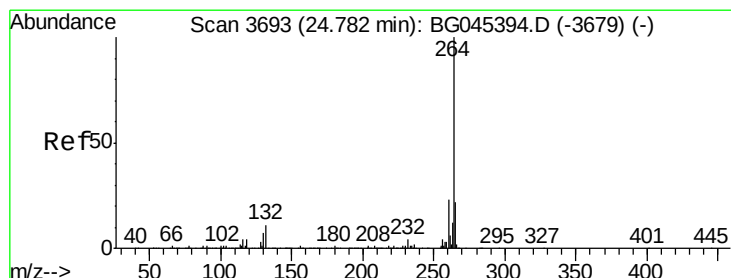
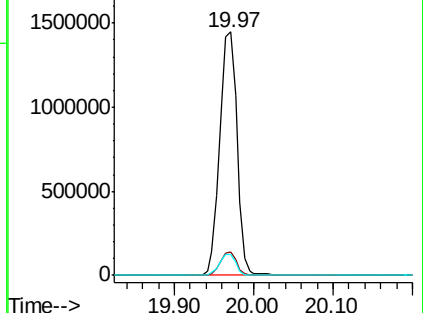
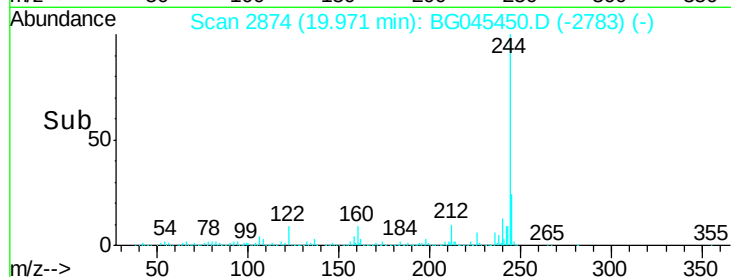
122 8.7 6.8 10.2



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: 24.76 min Scan# 3689

Delta R.T. -0.01 min

Lab File: BG045450.D

Acq: 21 May 2020 21:42

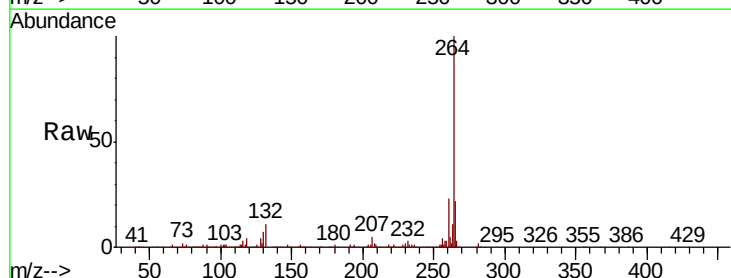
Tgt Ion:264 Resp: 486878

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.7 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

