

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045574.D
 Acq On : 2 Jun 2020 12:14
 Operator : CG/JU
 Sample : PB129213TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129213TB

Quant Time: Jun 02 14:24:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	51813	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	211167	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	154839	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	378661	20.00	ng	0.00
76) Chrysene-d12	21.60	240	390454	20.00	ng	0.00
87) Perylene-d12	24.75	264	403348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	320216	120.78	ng	0.00
7) Phenol-d6	7.15	99	460476	122.03	ng	0.00
23) Nitrobenzene-d5	9.12	82	347977	89.86	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	528549	266.91	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1024497	112.23	ng	0.00
79) Terphenyl-d14	19.97	244	2834925	169.34	ng	0.00

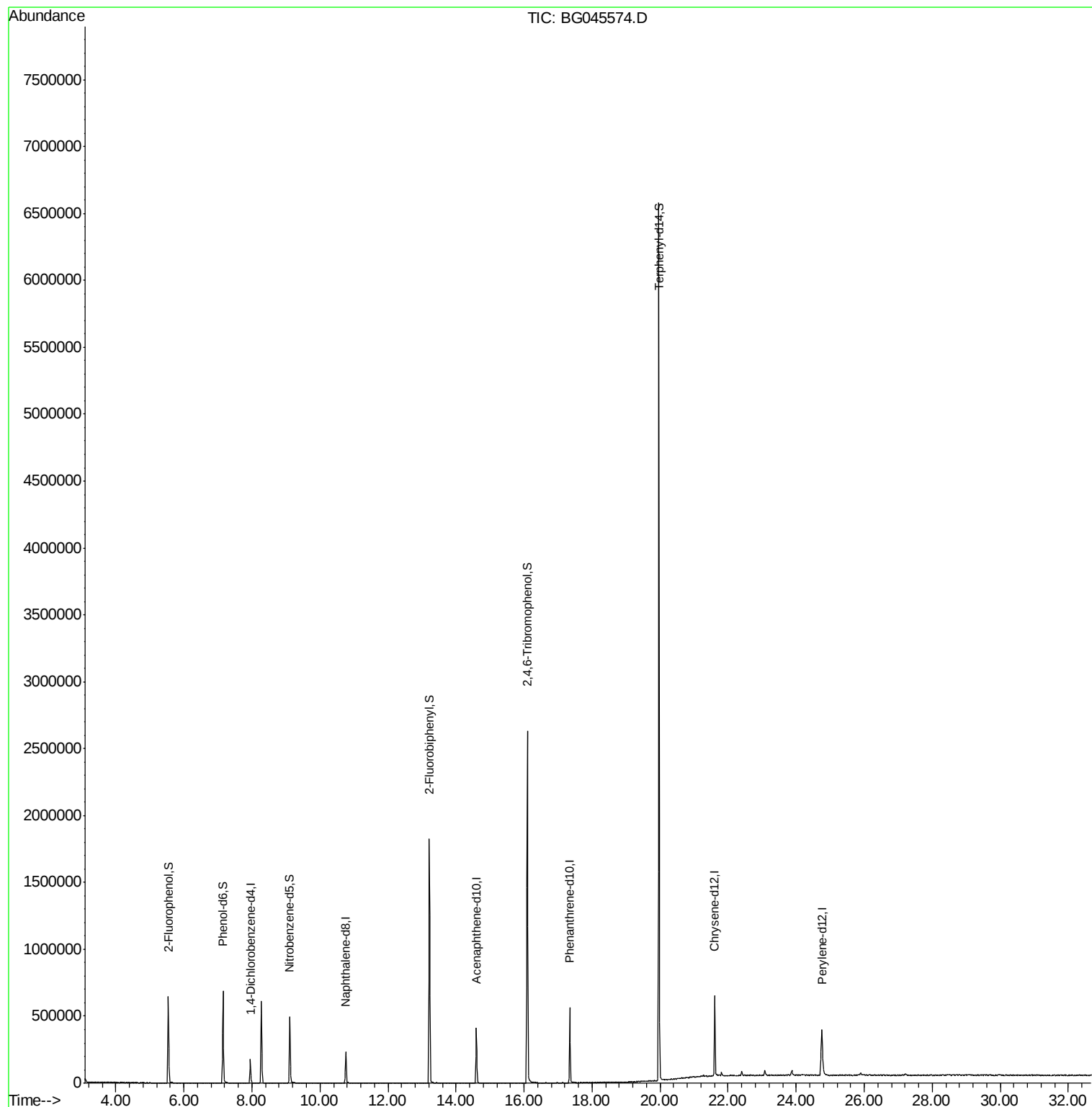
Target Compounds Qvalue

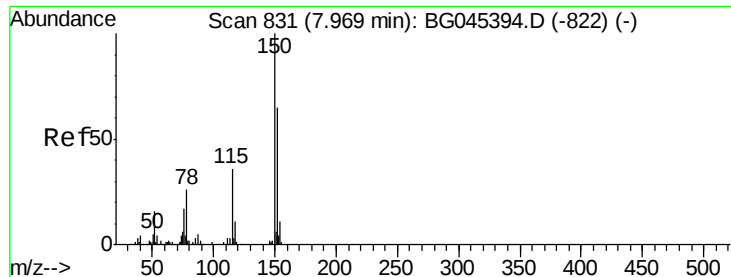
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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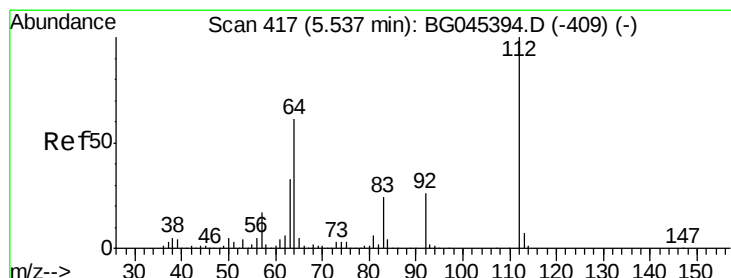
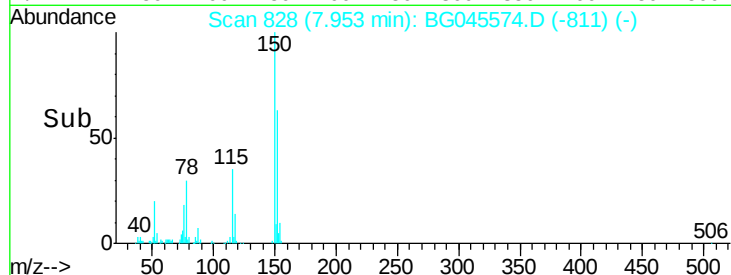
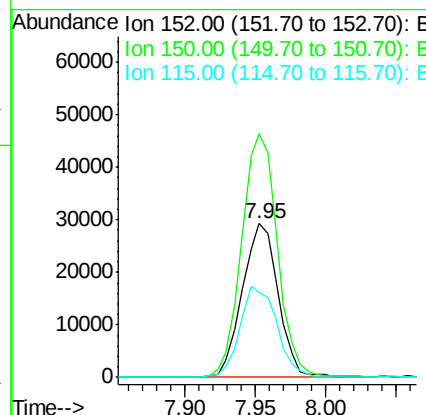
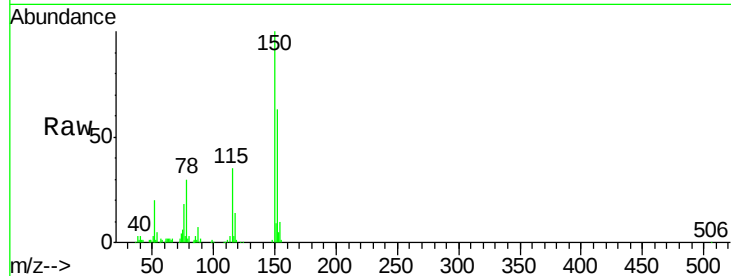


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045574.D
Acq: 2 Jun 2020 12:14

Instrument :
BNA_G
ClientSampleId :
PB129213TB

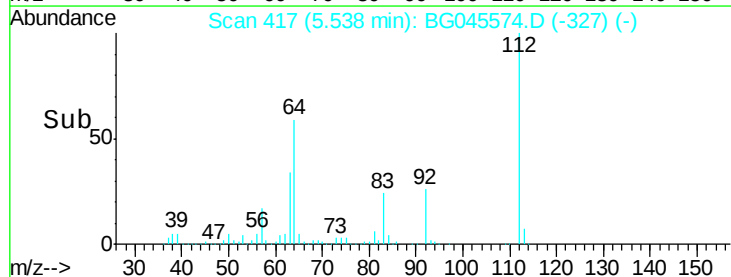
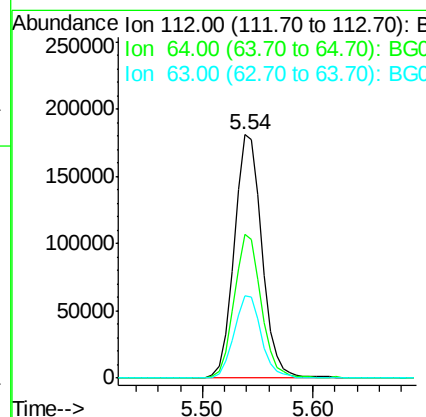
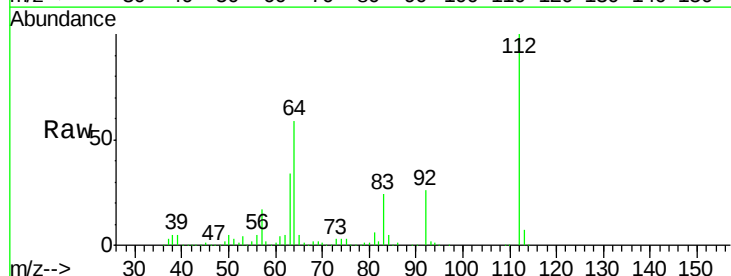
Tot Ion:152 Resp: 51813
Ion Ratio Lower Upper
152 100
150 158.6 122.4 183.6
115 55.4 44.2 66.4

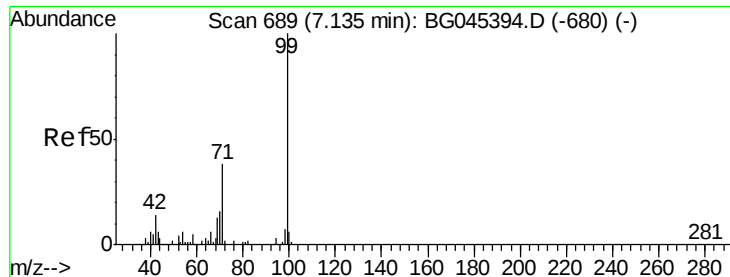


#5

2-Fluorophenol
Concen: 120.780 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045574.D
Acq: 2 Jun 2020 12:14

Tgt Ion:112 Resp: 320216
Ion Ratio Lower Upper
112 100
64 59.2 48.6 72.8
63 34.1 26.5 39.7





#7

Phenol-d6

Concen: 122.029 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045574.D

Acq: 2 Jun 2020 12:14

Instrument :

BNA_G

ClientSampleId :

PB129213TB

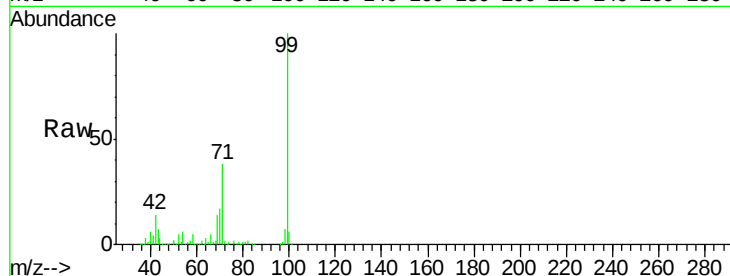
Tot Ion: 99 Resp: 460476

Ion Ratio Lower Upper

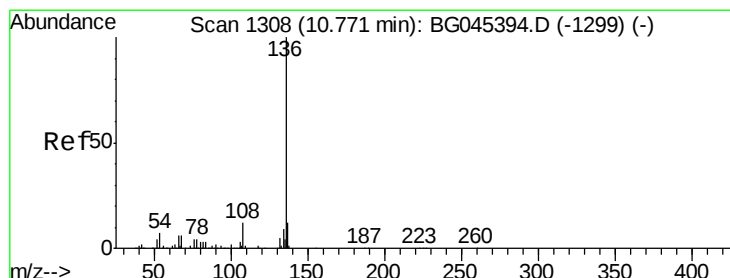
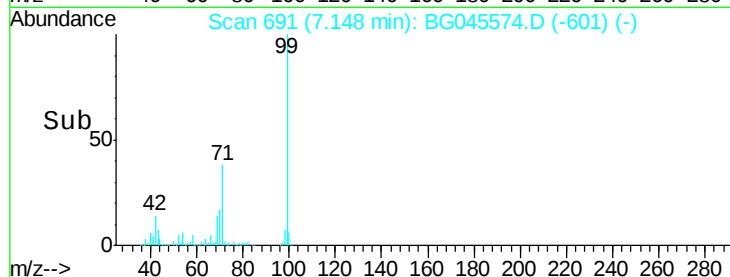
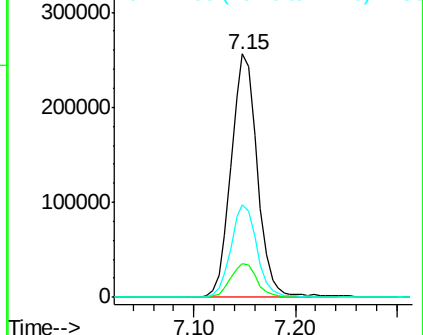
99 100

42 13.7 11.3 16.9

71 37.9 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: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045574.D

Acq: 2 Jun 2020 12:14

Tgt Ion: 136 Resp: 211167

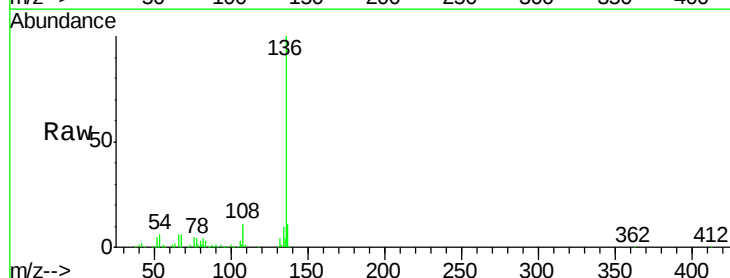
Ion Ratio Lower Upper

136 100

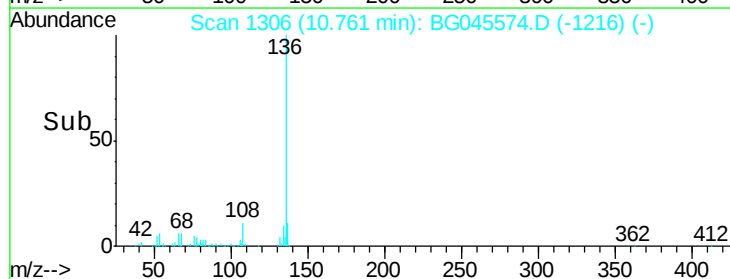
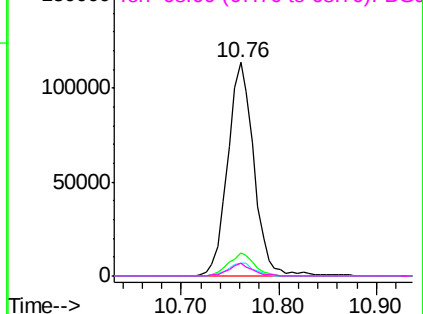
137 10.9 9.4 14.2

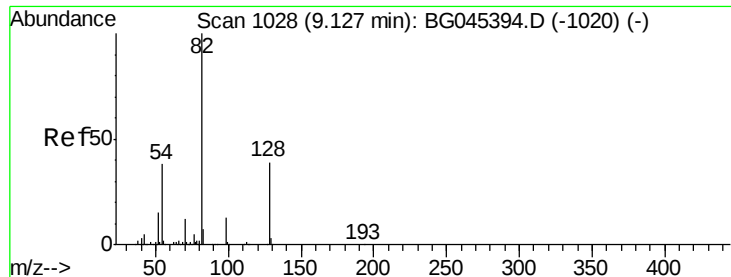
54 6.0 5.8 8.6

68 6.2 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

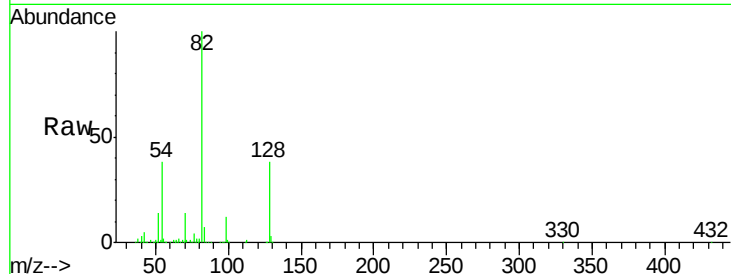




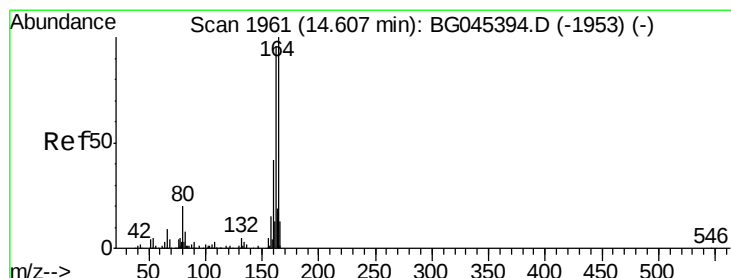
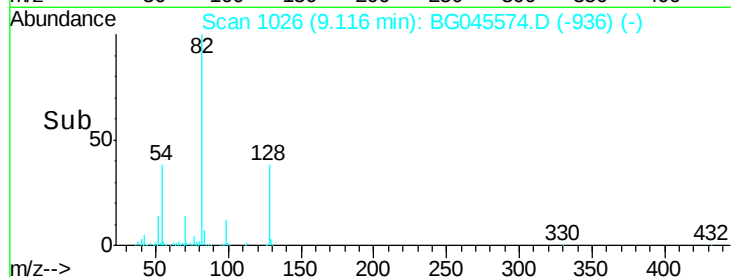
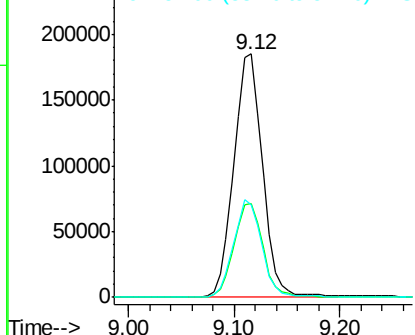
#23
Nitrobenzene-d5
Concen: 89.861 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045574.D
Acq: 2 Jun 2020 12:14

Instrument :
BNA_G
ClientSampleId :
PB129213TB

Tot Ion: 82 Resp: 347977
Ion Ratio Lower Upper
82 100
128 38.4 30.9 46.3
54 37.9 30.3 45.5

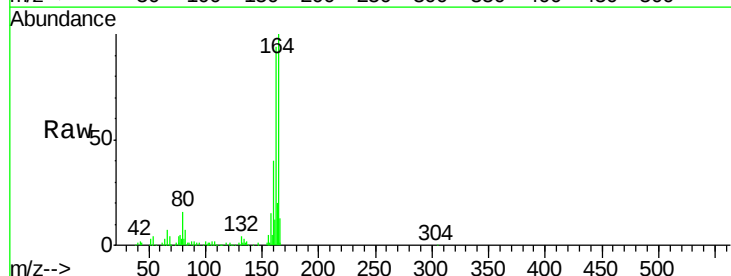


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

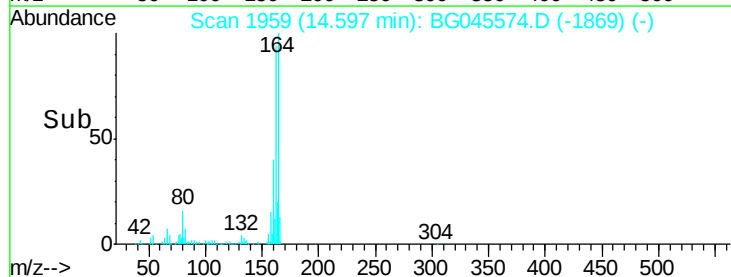
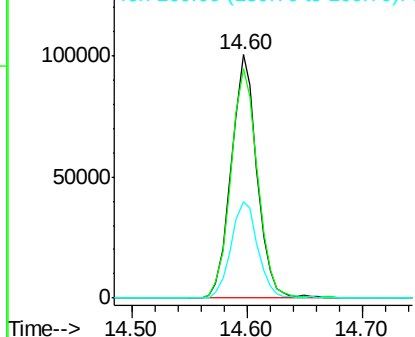


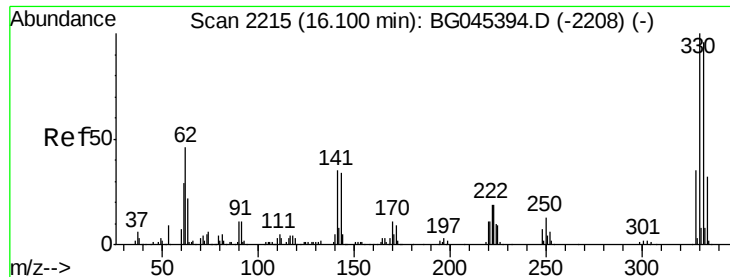
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045574.D
Acq: 2 Jun 2020 12:14

Tgt Ion: 164 Resp: 154839
Ion Ratio Lower Upper
164 100
162 94.3 76.9 115.3
160 39.7 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

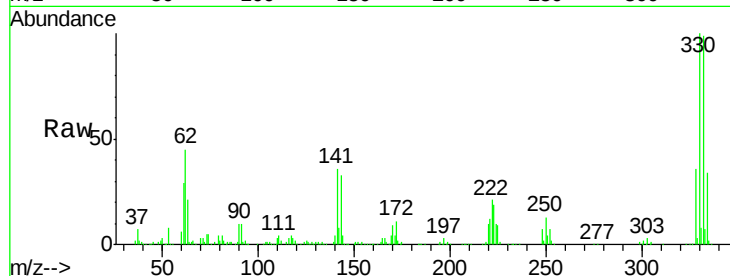




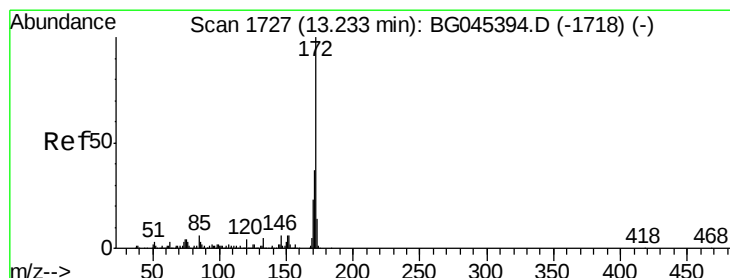
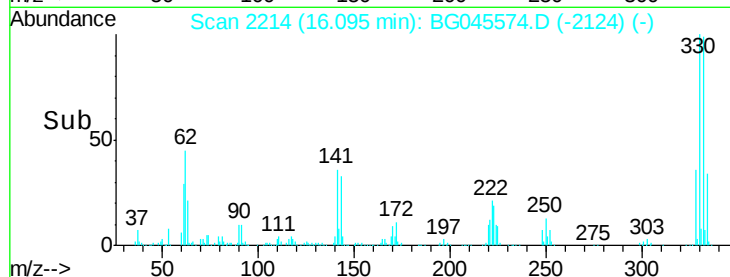
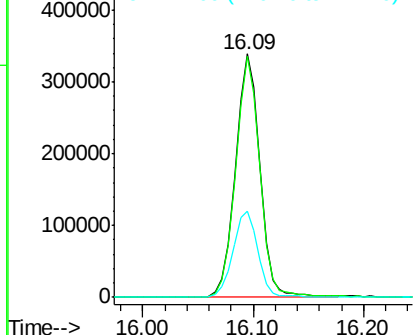
#42
 2,4,6-Tribromophenol
 Concen: 266.915 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG045574.D
 Acq: 2 Jun 2020 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129213TB

Tot Ion:330 Resp: 528549
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.2 117.4
 141 35.9 28.2 42.4

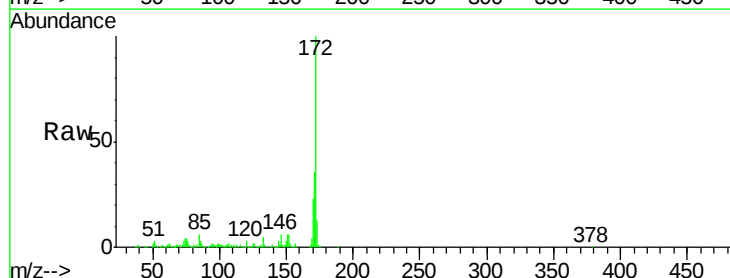


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

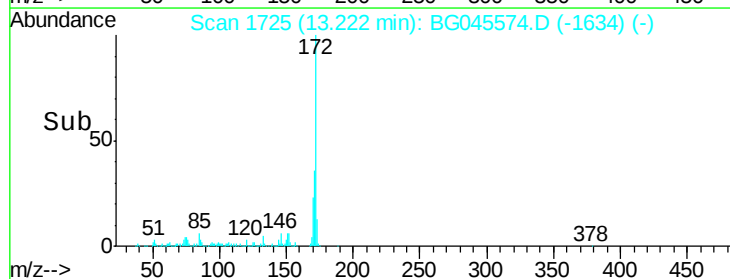
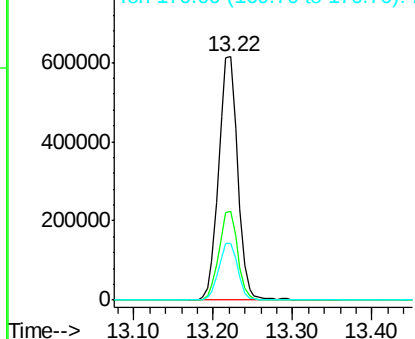


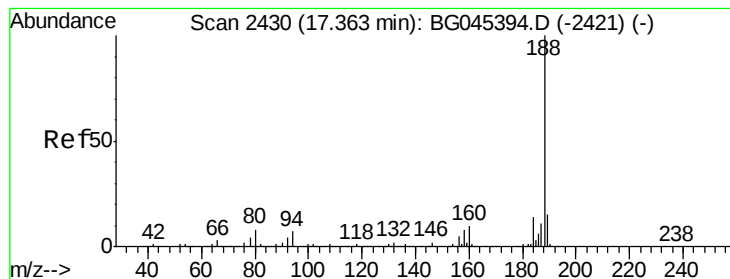
#45
 2-Fluorobiphenyl
 Concen: 112.230 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG045574.D
 Acq: 2 Jun 2020 12:14

Tgt Ion:172 Resp: 1024497
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 23.2 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# 2427

Delta R.T. 0.00 min

Lab File: BG045574.D

Acq: 2 Jun 2020 12:14

Instrument :

BNA_G

ClientSampleId :

PB129213TB

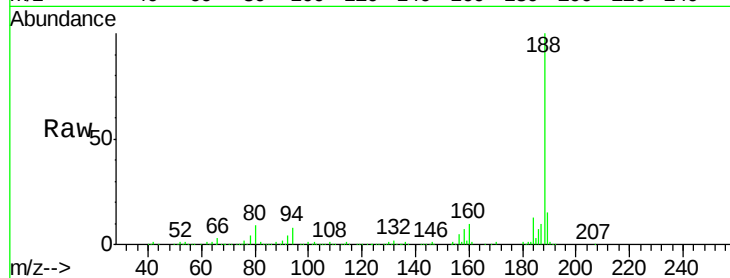
Tot Ion:188 Resp: 378661

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

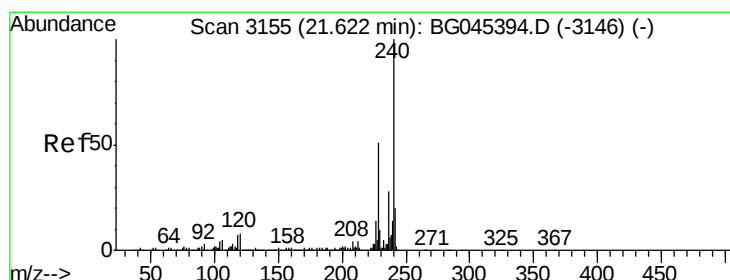
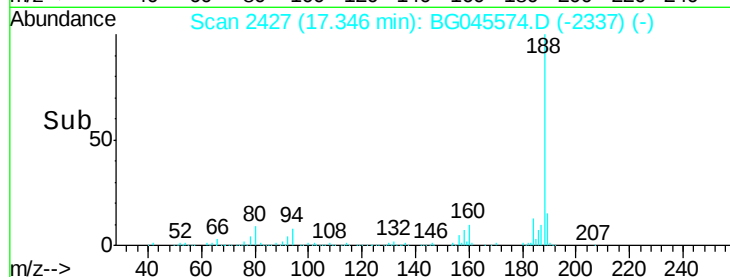
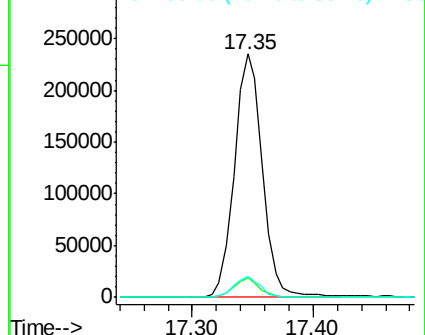
80 8.5 6.6 10.0



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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045574.D

Acq: 2 Jun 2020 12:14

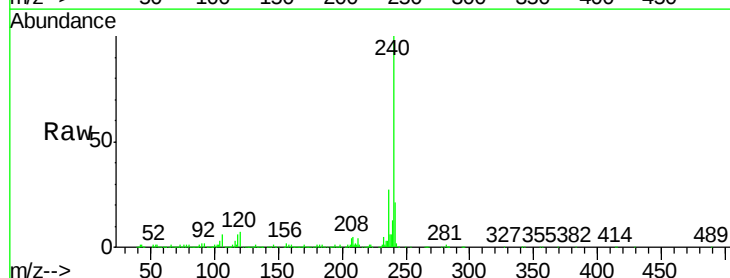
Tgt Ion:240 Resp: 390454

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

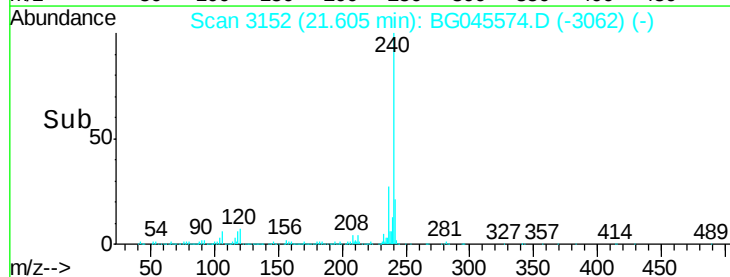
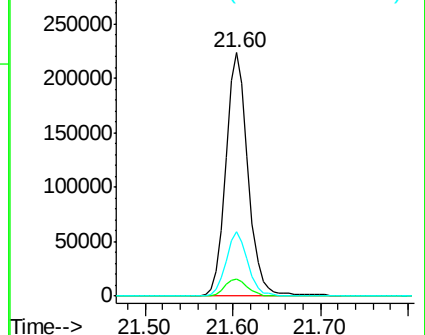
236 26.6 22.3 33.5

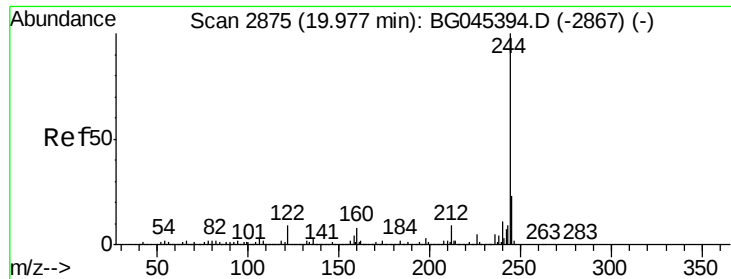


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 169.339 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045574.D

Acq: 2 Jun 2020 12:14

Instrument :

BNA_G

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PB129213TB

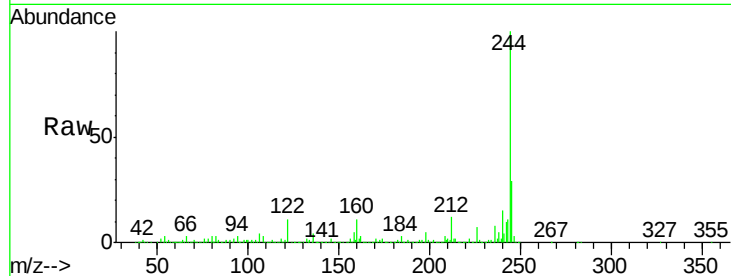
Tot Ion:244 Resp: 2834925

Ion Ratio Lower Upper

244 100

212 12.2 7.4 11.0#

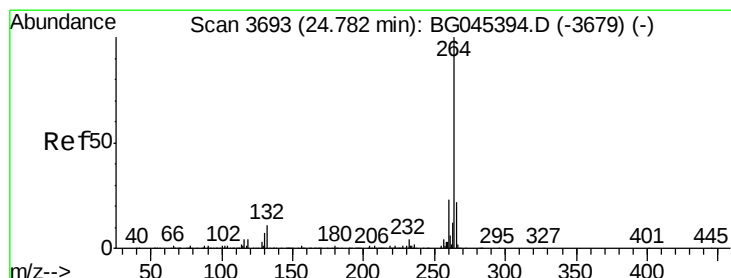
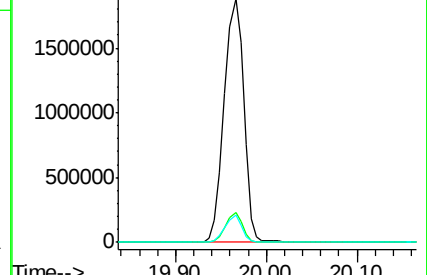
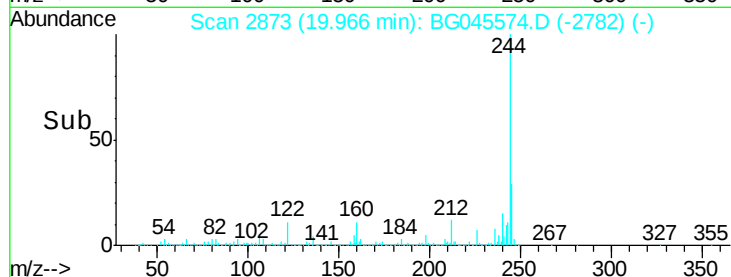
122 11.1 6.8 10.2#



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: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045574.D

Acq: 2 Jun 2020 12:14

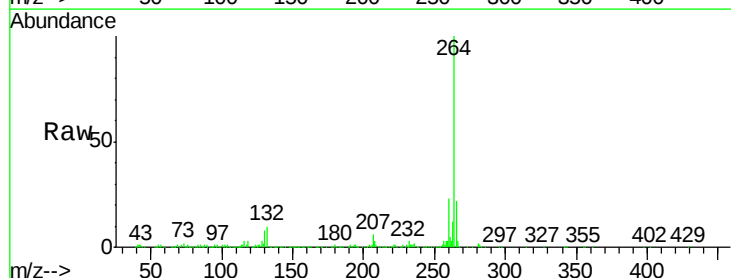
Tgt Ion:264 Resp: 403348

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

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

