

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045573.D
 Acq On : 2 Jun 2020 11:34
 Operator : CG/JU
 Sample : PB129213BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BL

Quant Time: Jun 02 12:49:21 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	54481	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	212465	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	156031	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	382711	20.00	ng	0.00
76) Chrysene-d12	21.60	240	392630	20.00	ng	0.00
87) Perylene-d12	24.75	264	412234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	399015	143.13	ng	0.00
7) Phenol-d6	7.15	99	567158	142.94	ng	0.00
23) Nitrobenzene-d5	9.12	82	395229	101.44	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	324001	162.37	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	933852	101.52	ng	0.00
79) Terphenyl-d14	19.96	244	1854846	110.18	ng	0.00

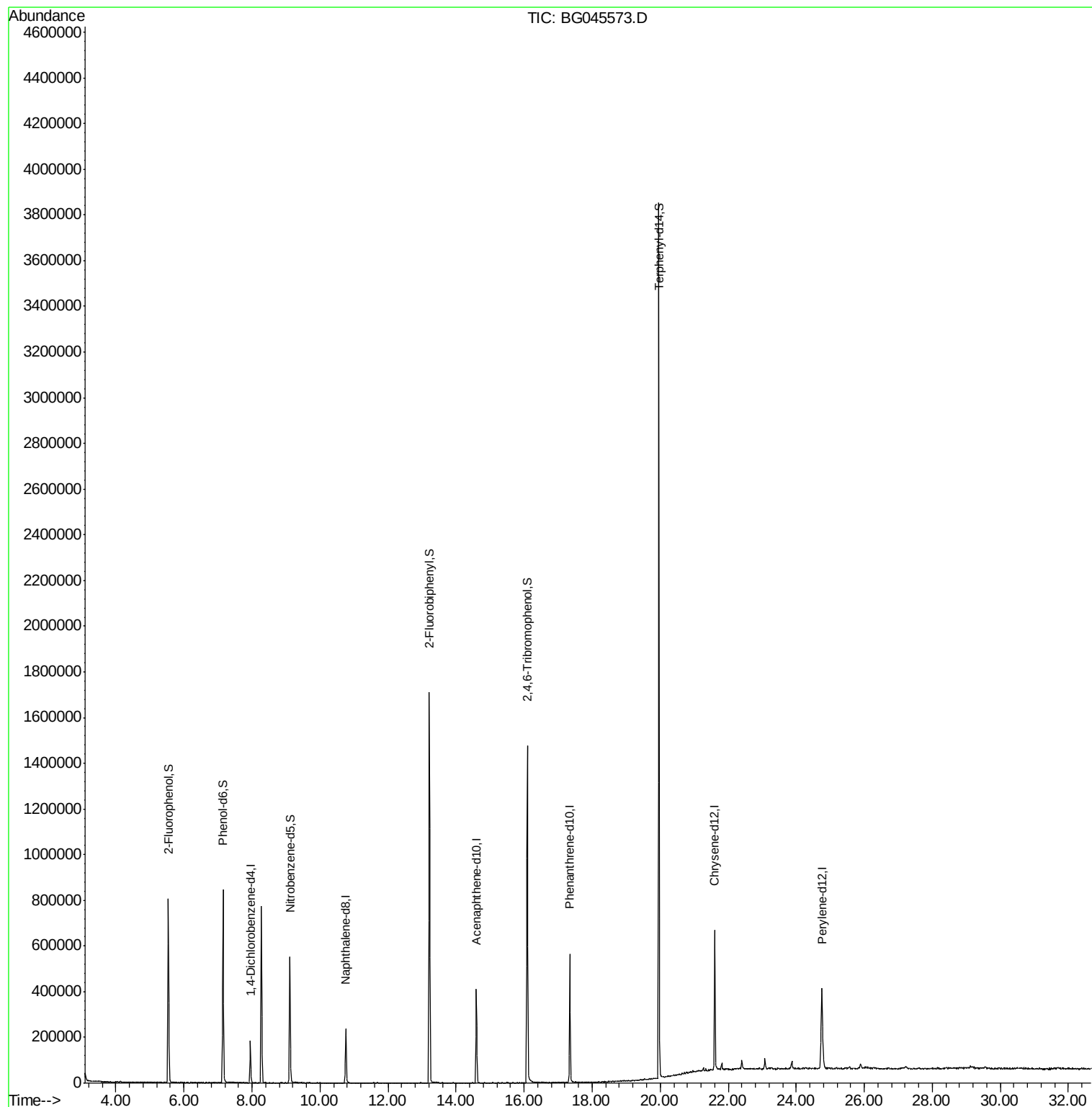
Target Compounds Qvalue

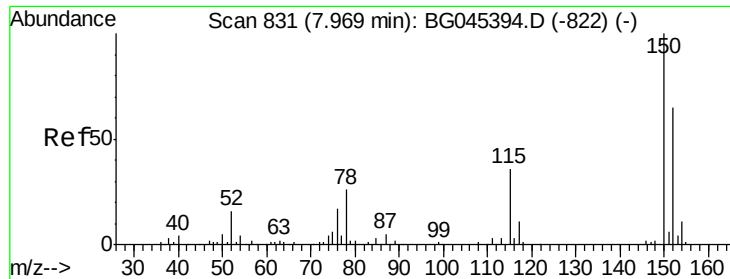
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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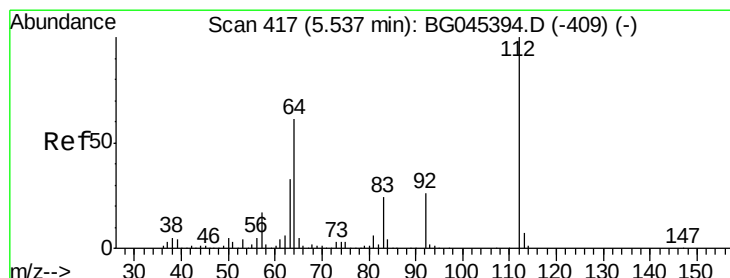
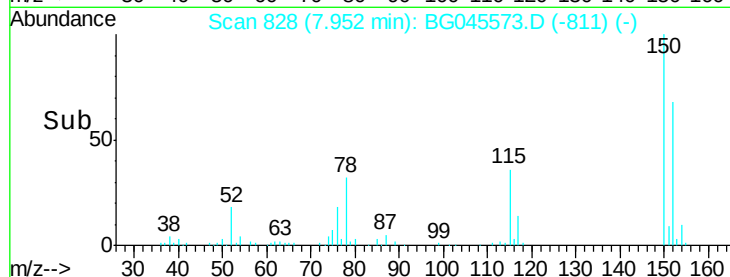
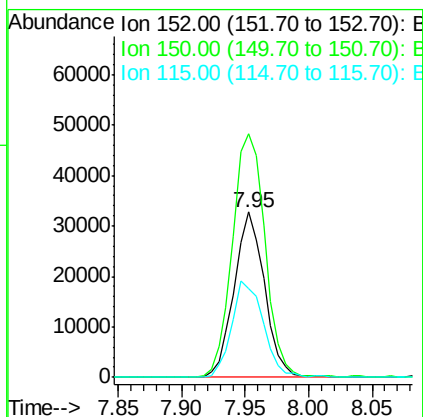
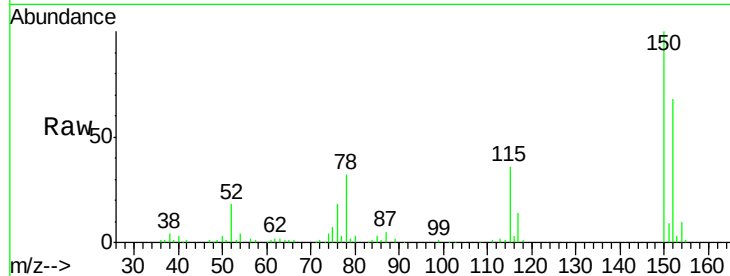




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

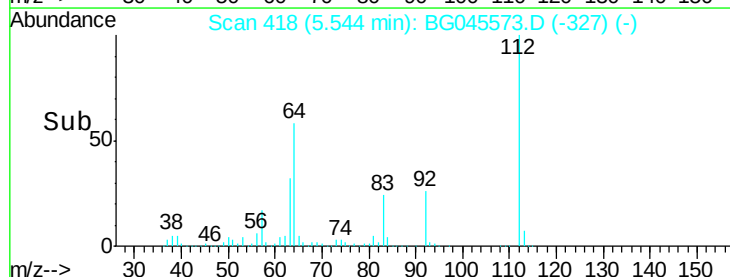
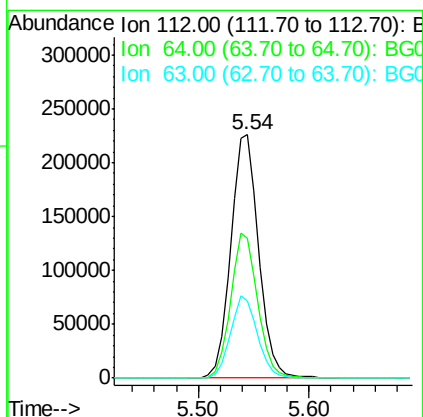
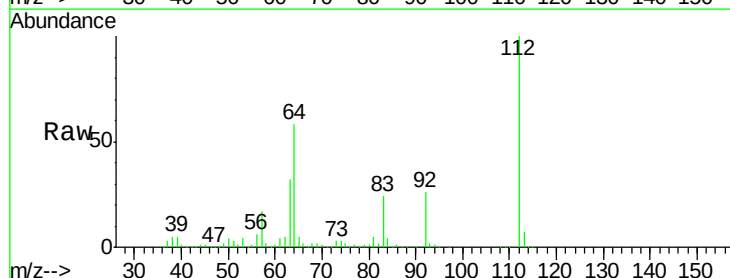
Instrument :
 BNA_G
 ClientSampleId :
 PB129213BL

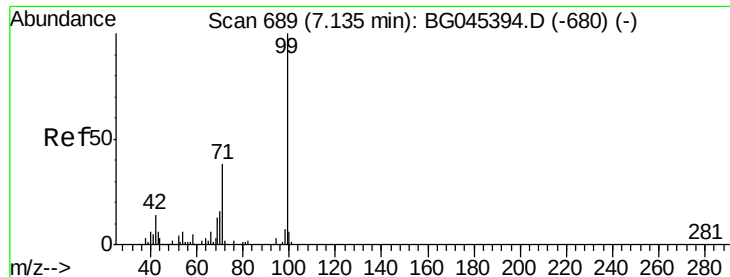
Tot Ion:152 Resp: 54481
 Ion Ratio Lower Upper
 152 100
 150 147.5 122.4 183.6
 115 53.8 44.2 66.4



#5
 2-Fluorophenol
 Concen: 143.131 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Tgt Ion:112 Resp: 399015
 Ion Ratio Lower Upper
 112 100
 64 57.7 48.6 72.8
 63 32.0 26.5 39.7





#7

Phenol-d6

Concen: 142.940 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

Instrument :

BNA_G

ClientSampleId :

PB129213BL

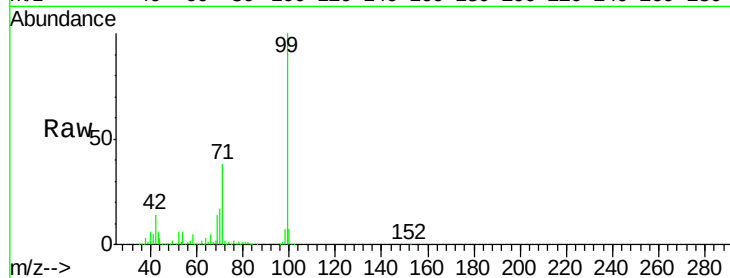
Tot Ion: 99 Resp: 567158

Ion Ratio Lower Upper

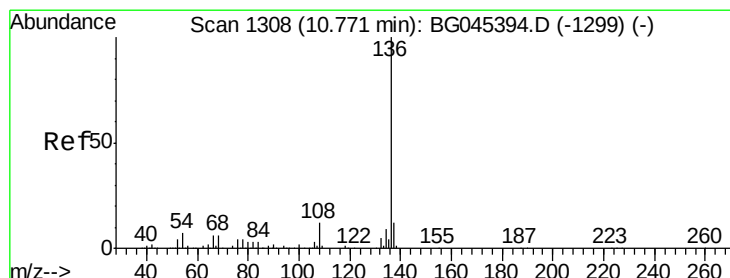
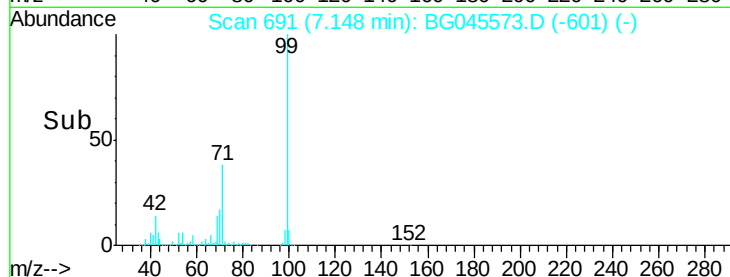
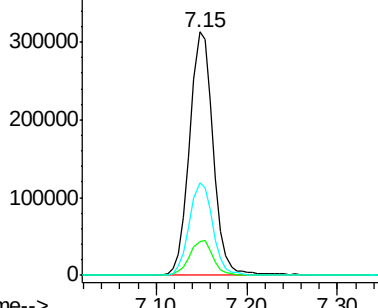
99 100

42 13.7 11.3 16.9

71 38.3 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: BG045573.D

Acq: 2 Jun 2020 11:34

Tgt Ion: 136 Resp: 212465

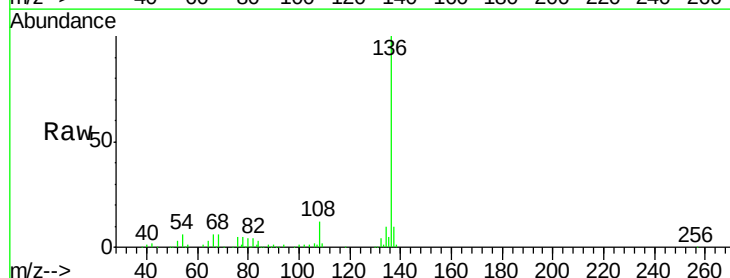
Ion Ratio Lower Upper

136 100

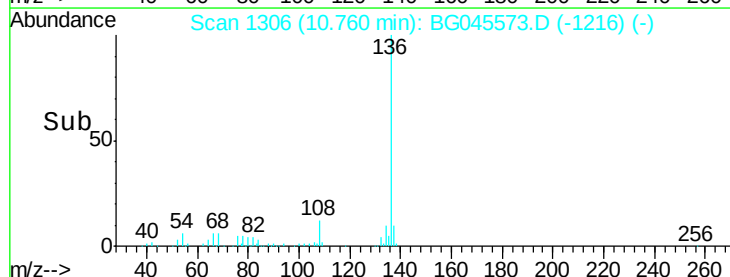
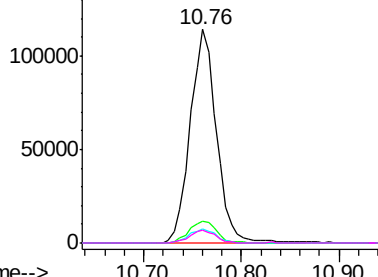
137 10.0 9.4 14.2

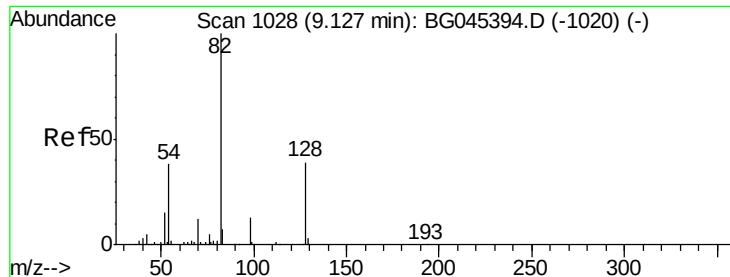
54 6.3 5.8 8.6

68 5.8 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

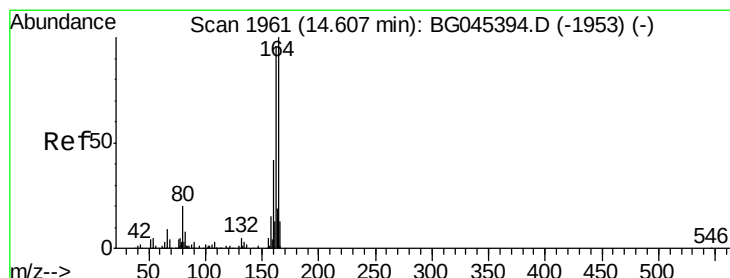
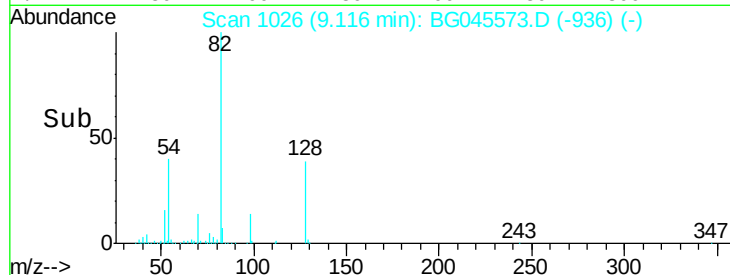
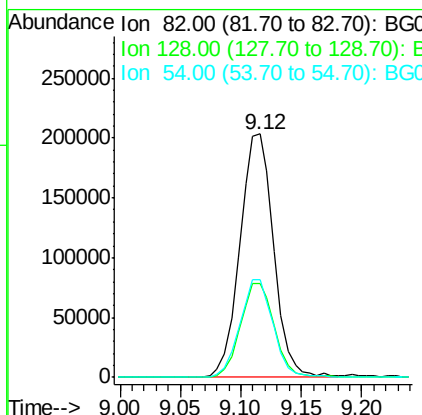
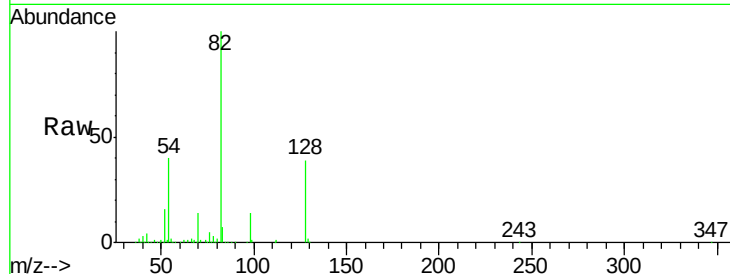




#23
 Nitrobenzene-d5
 Concen: 101.440 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

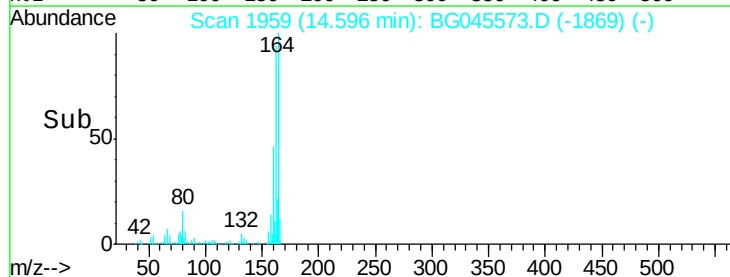
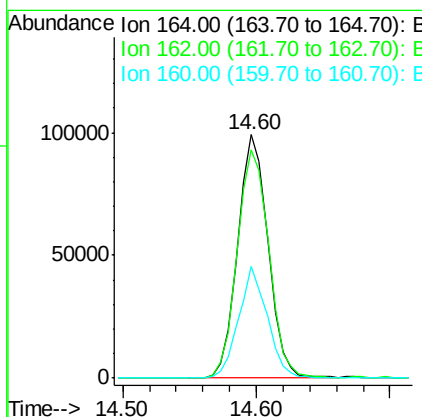
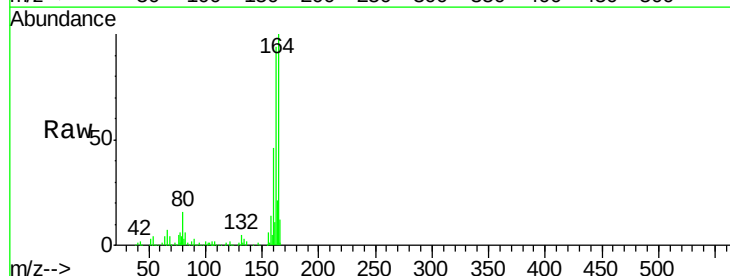
Instrument :
 BNA_G
 ClientSampleId :
 PB129213BL

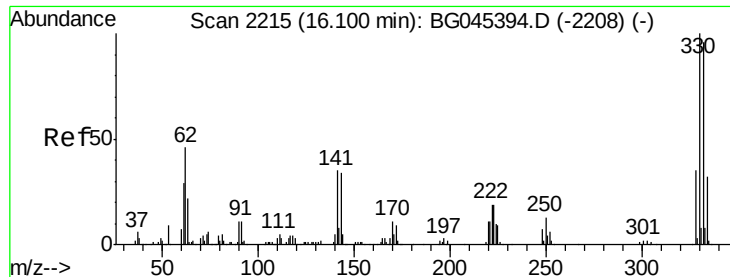
Tot Ion	82	Resp	395229
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	40.3	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045573.D
 Acq: 2 Jun 2020 11:34

Tgt Ion	164	Resp	156031
Ion	Ratio	Lower	Upper
164	100		
162	93.6	76.9	115.3
160	45.8	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 162.369 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

Instrument :

BNA_G

ClientSampleId :

PB129213BL

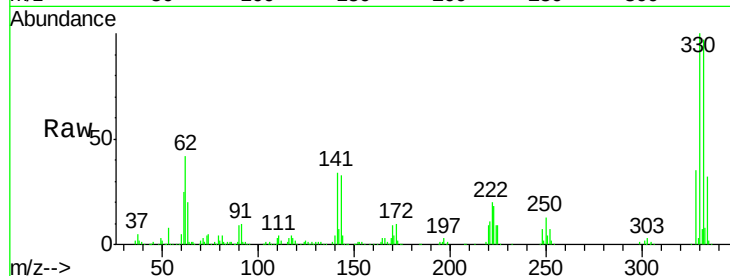
Tot Ion:330 Resp: 324001

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.4

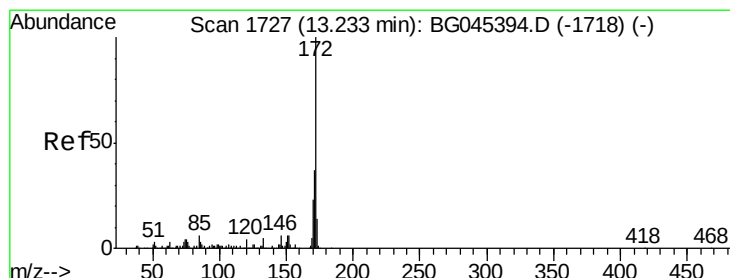
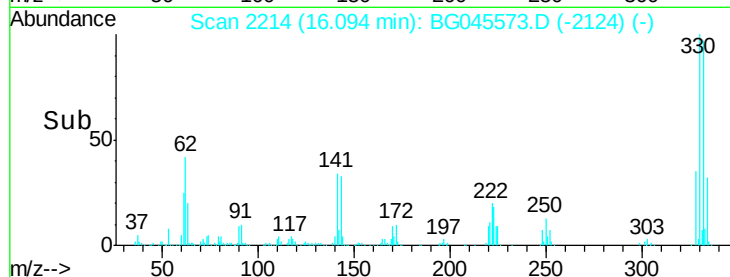
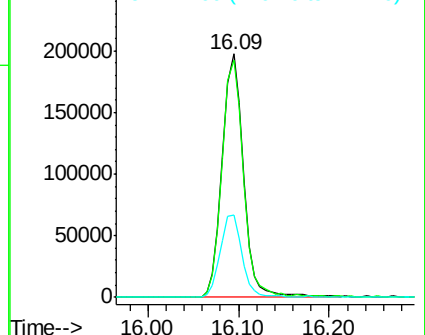
141 34.6 28.2 42.4



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: 101.519 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

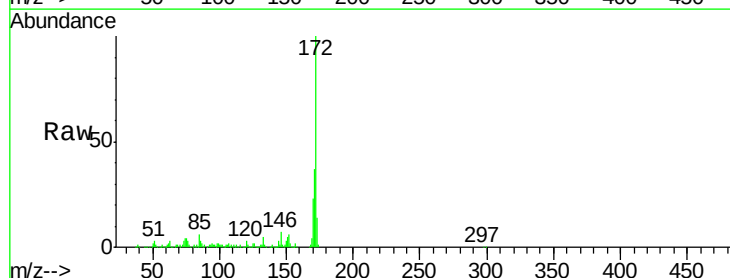
Tgt Ion:172 Resp: 933852

Ion Ratio Lower Upper

172 100

171 36.6 29.5 44.3

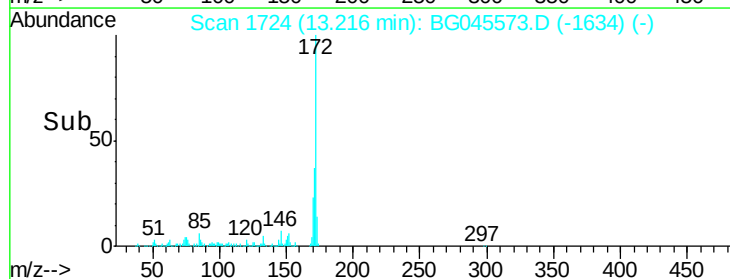
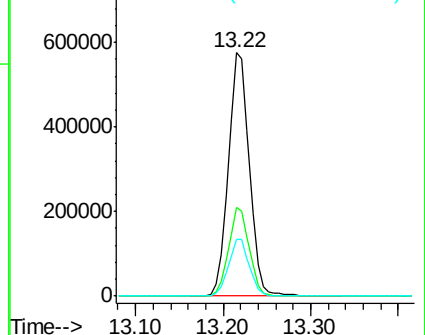
170 23.3 18.5 27.7

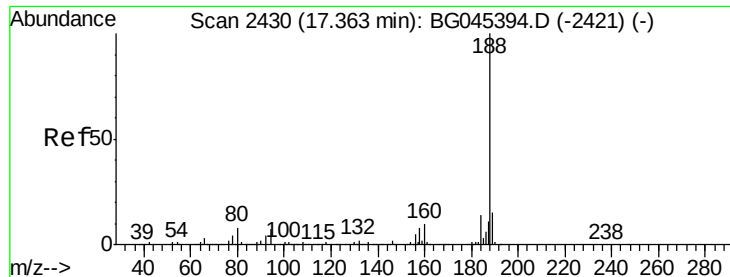


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG045573.D

Acq: 2 Jun 2020 11:34

Instrument :

BNA_G

ClientSampleId :

PB129213BL

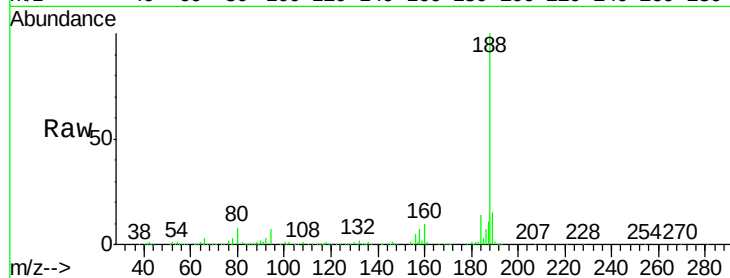
Tot Ion:188 Resp: 382711

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

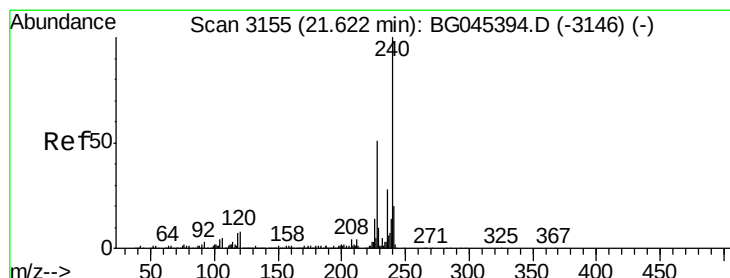
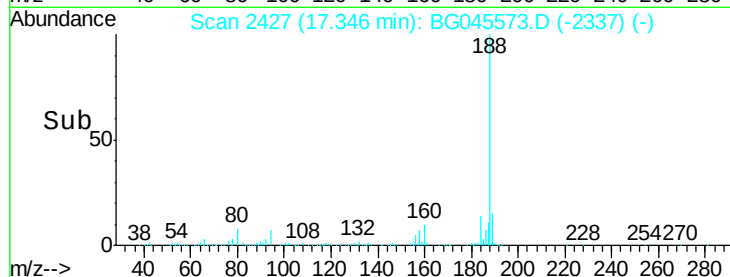
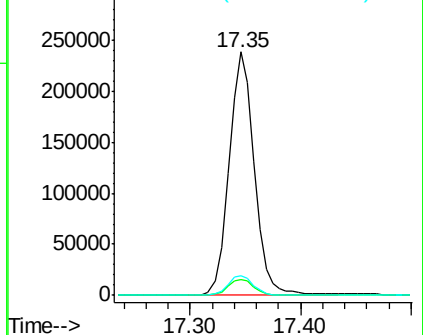
80 7.9 6.6 10.0



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: BG045573.D

Acq: 2 Jun 2020 11:34

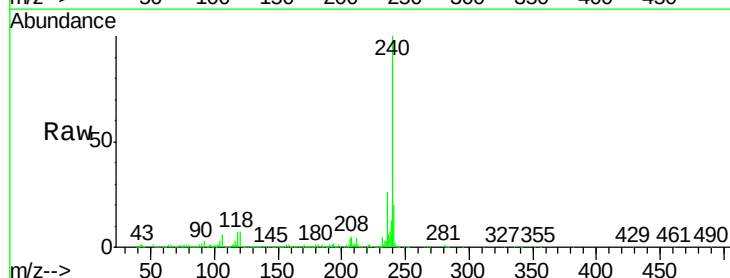
Tgt Ion:240 Resp: 392630

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

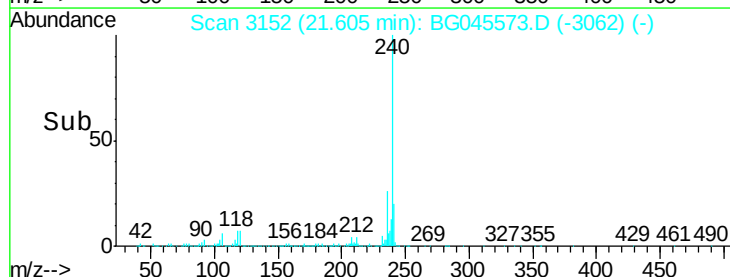
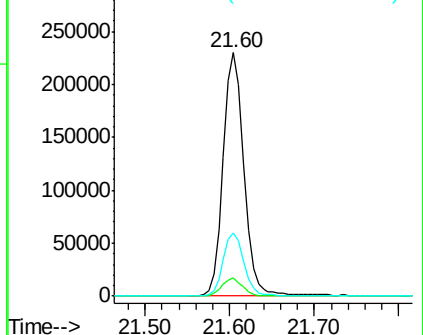
236 26.1 22.3 33.5

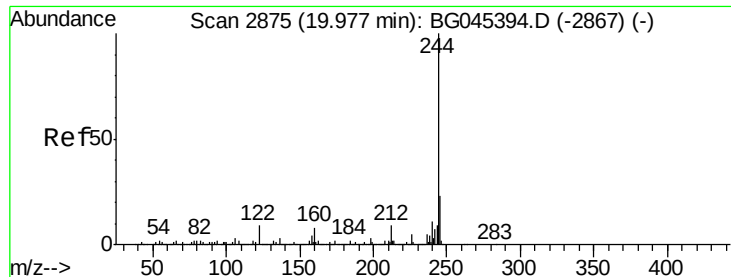


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.181 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045573.D

Acq: 2 Jun 2020 11:34

Instrument :

BNA_G

ClientSampleId :

PB129213BL

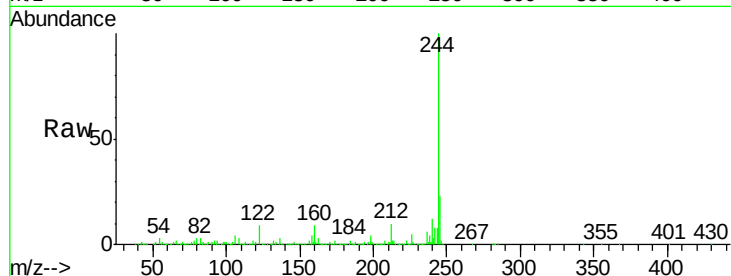
Tot Ion:244 Resp: 1854846

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

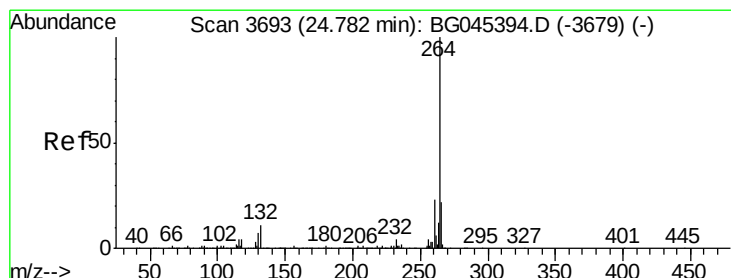
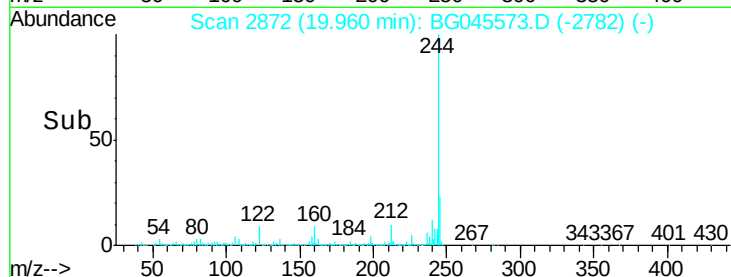
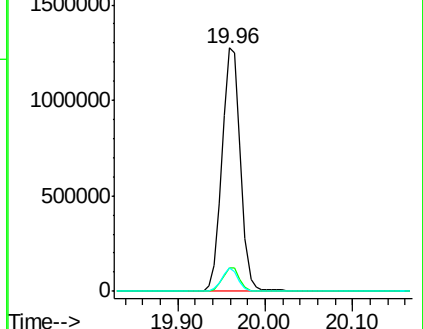
122 9.4 6.8 10.2



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: BG045573.D

Acq: 2 Jun 2020 11:34

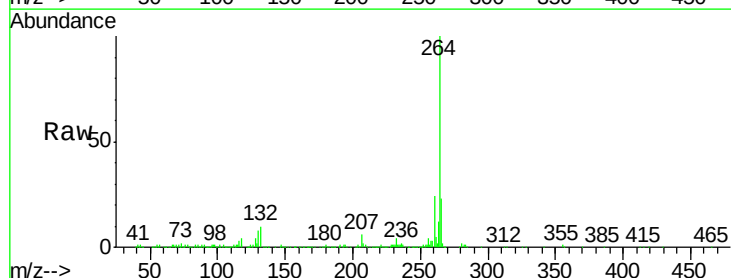
Tgt Ion:264 Resp: 412234

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 23.0 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

