

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045557.D
 Acq On : 1 Jun 2020 15:55
 Operator : CG/JU
 Sample : PB129209BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BL

Quant Time: Jun 01 16:38:08 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	60773	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	253949	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	189573	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	451694	20.00	ng	0.00
76) Chrysene-d12	21.60	240	447438	20.00	ng	0.00
87) Perylene-d12	24.74	264	466791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	443362	142.57	ng	0.00
7) Phenol-d6	7.15	99	636862	143.89	ng	0.00
23) Nitrobenzene-d5	9.11	82	447742	96.15	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	345486	142.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1066816	95.45	ng	0.00
79) Terphenyl-d14	19.96	244	1895774	98.82	ng	0.00

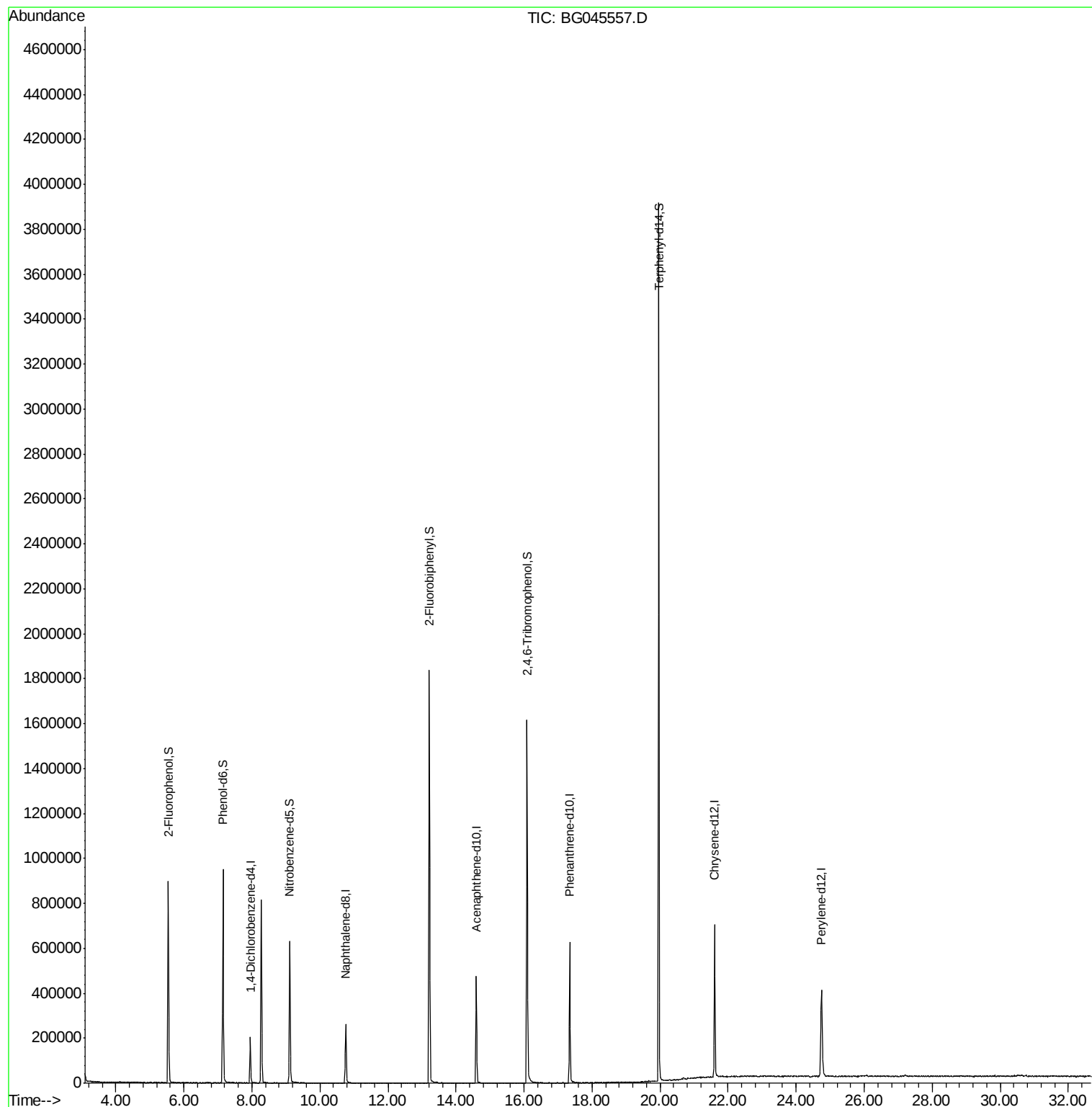
Target Compounds Qvalue

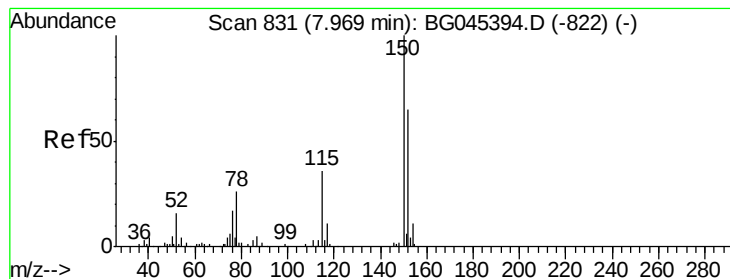
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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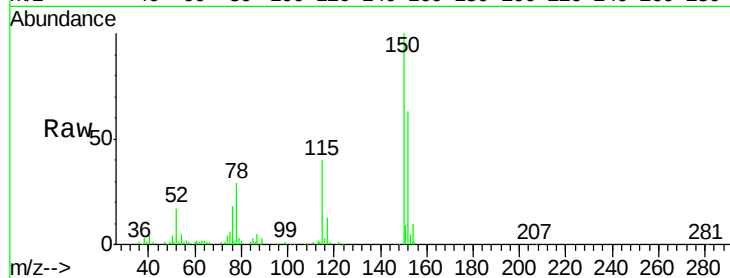


#1

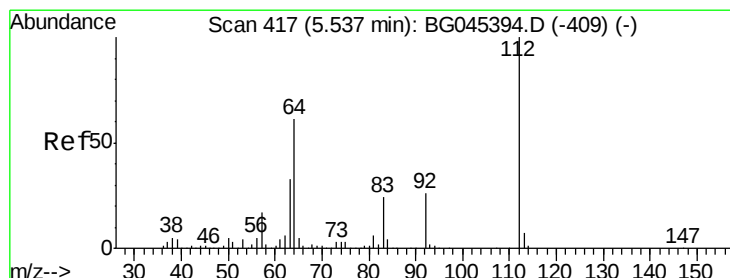
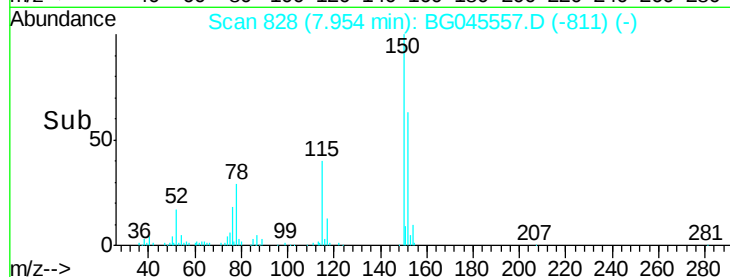
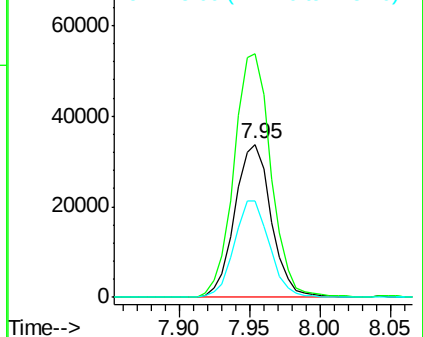
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045557.D
Acq: 1 Jun 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB129209BL

Tot Ion:152 Resp: 60773
Ion Ratio Lower Upper
152 100
150 159.0 122.4 183.6
115 63.2 44.2 66.4



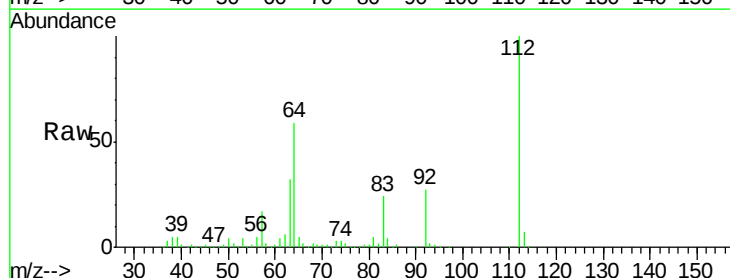
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



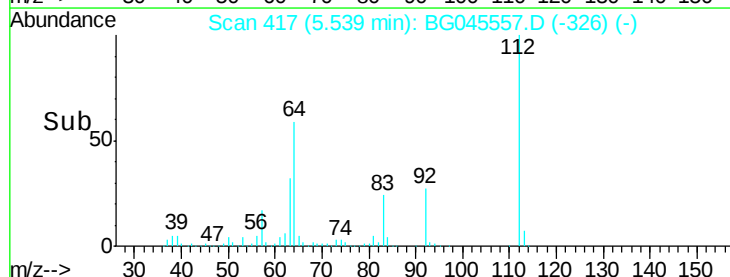
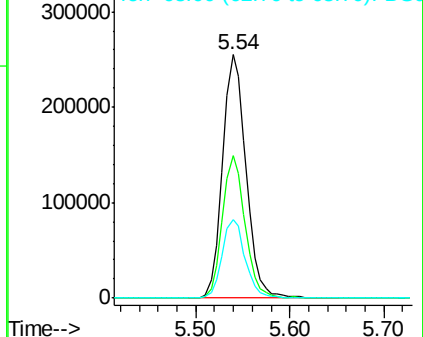
#5

2-Fluorophenol
Concen: 142.573 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045557.D
Acq: 1 Jun 2020 15:55

Tgt Ion:112 Resp: 443362
Ion Ratio Lower Upper
112 100
64 58.7 48.6 72.8
63 32.0 26.5 39.7



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: 143.889 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045557.D

Acq: 1 Jun 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB129209BL

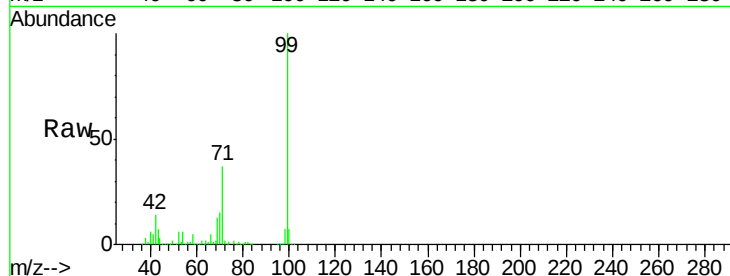
Tot Ion: 99 Resp: 636862

Ion Ratio Lower Upper

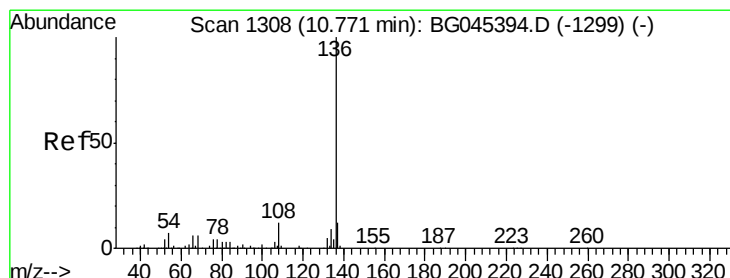
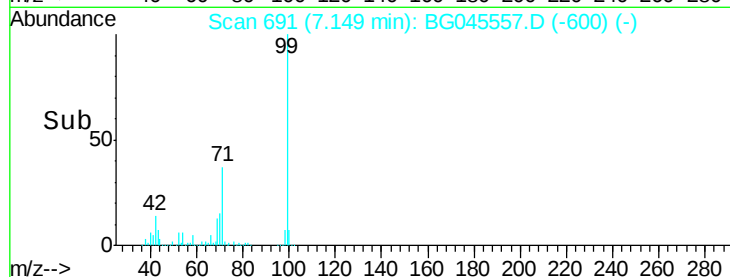
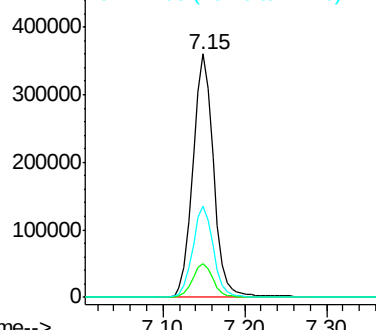
99 100

42 13.7 11.3 16.9

71 37.3 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# 1305

Delta R.T. -0.00 min

Lab File: BG045557.D

Acq: 1 Jun 2020 15:55

Tgt Ion: 136 Resp: 253949

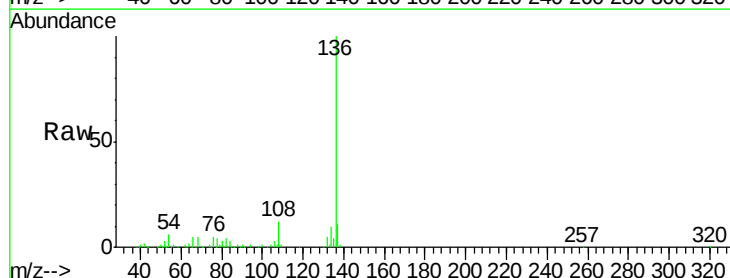
Ion Ratio Lower Upper

136 100

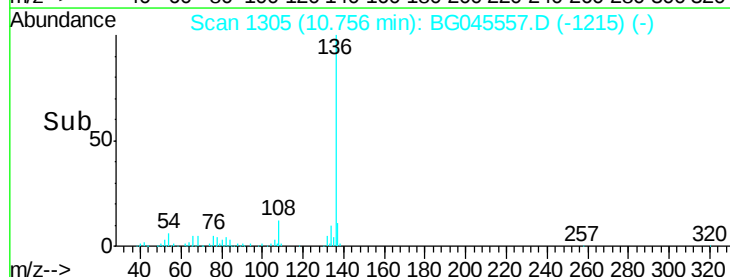
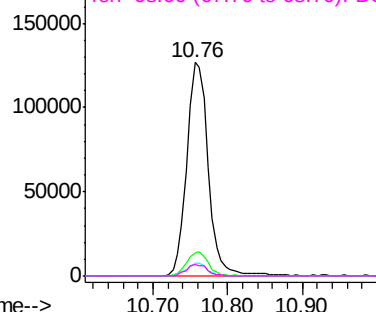
137 11.0 9.4 14.2

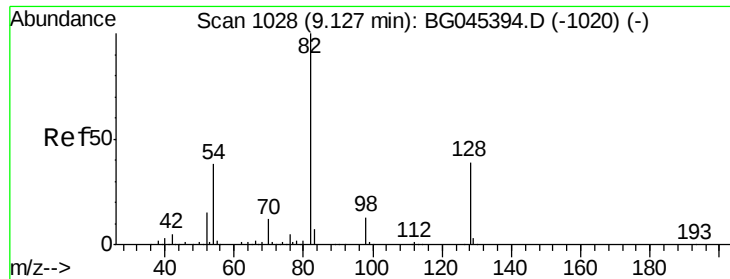
54 6.2 5.8 8.6

68 5.1 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

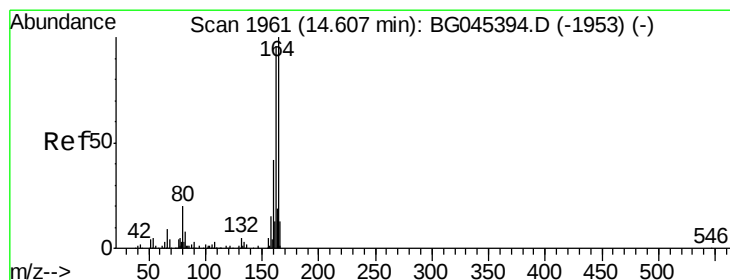
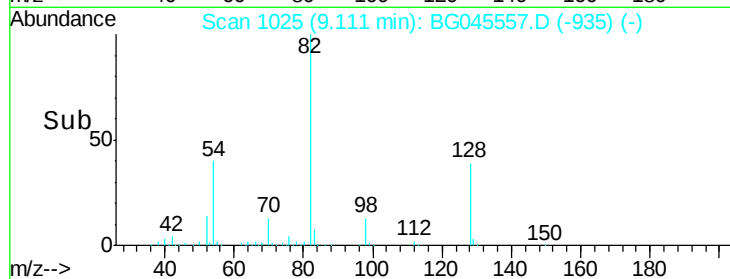
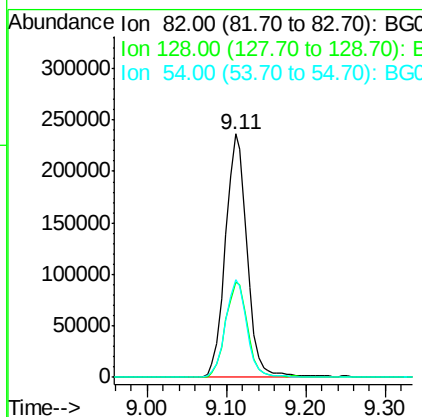
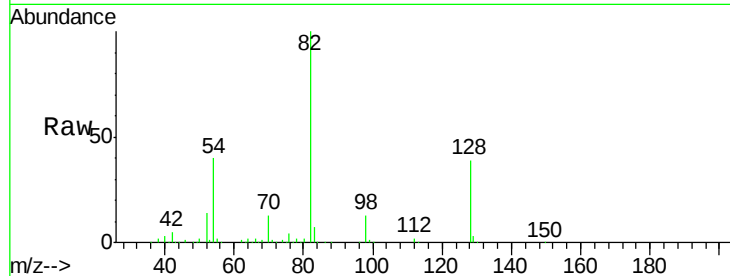




#23
Nitrobenzene-d5
Concen: 96.146 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045557.D
Acq: 1 Jun 2020 15:55

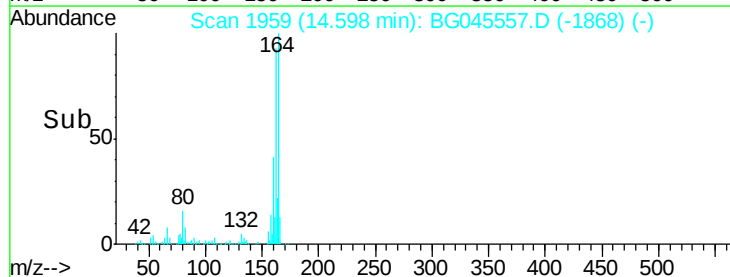
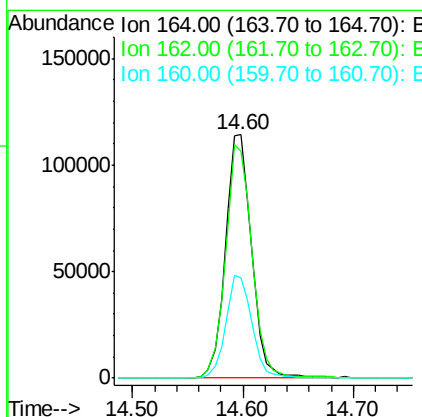
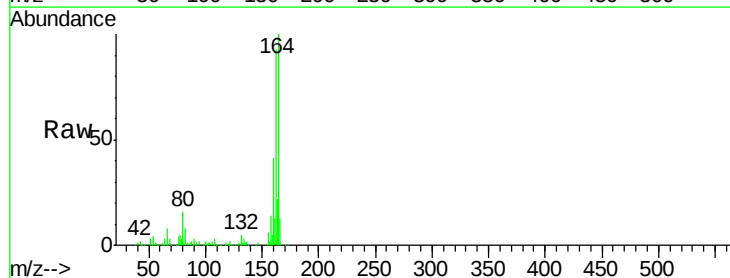
Instrument :
BNA_G
ClientSampleId :
PB129209BL

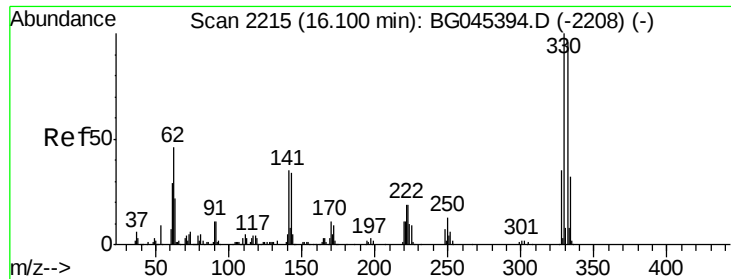
Tot Ion	82	Resp	447742
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	40.3	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045557.D
Acq: 1 Jun 2020 15:55

Tgt Ion	164	Resp	189573
Ion Ratio	Lower	Upper	
164	100		
162	93.1	76.9	115.3
160	41.2	33.8	50.8

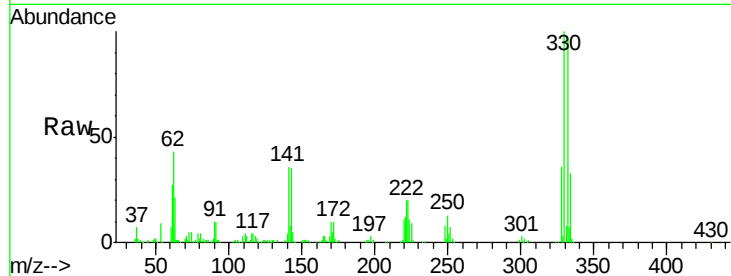




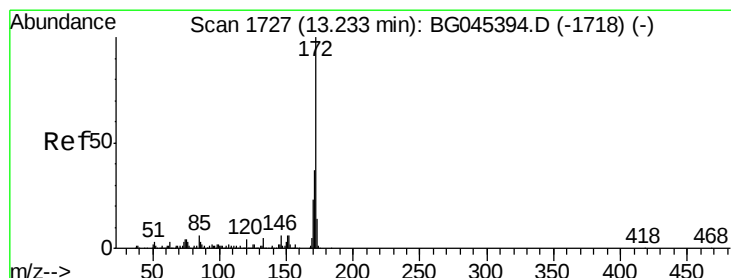
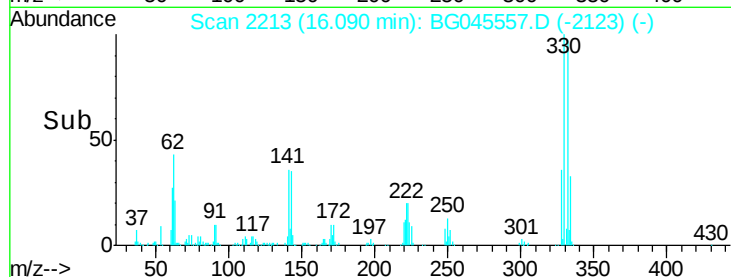
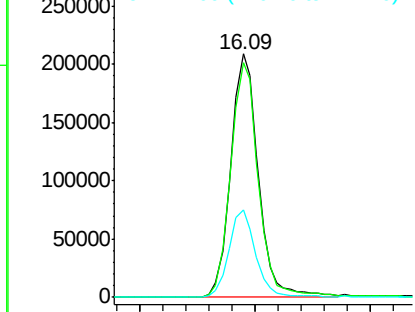
#42
 2,4,6-Tribromophenol
 Concen: 142.502 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045557.D
 Acq: 1 Jun 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BL

Tot Ion:330 Resp: 345486
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.2 117.4
 141 35.1 28.2 42.4

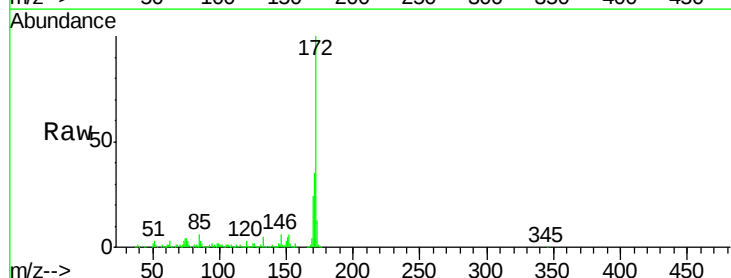


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

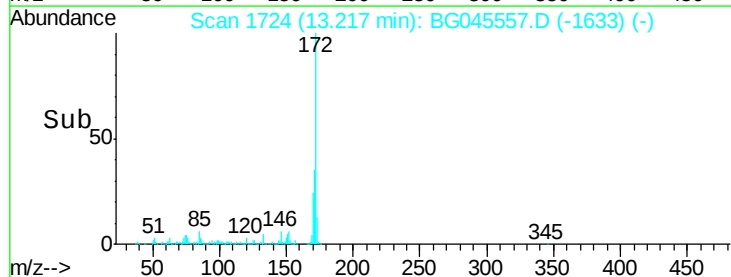
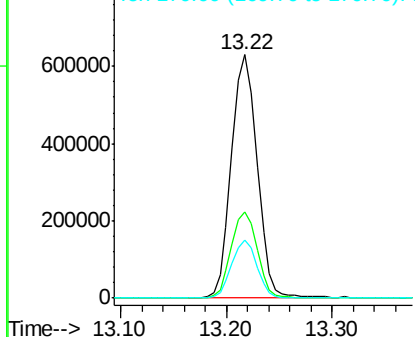


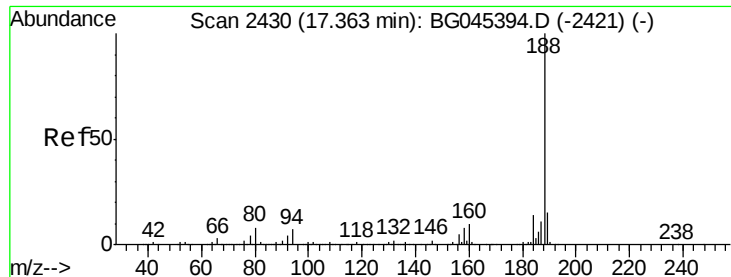
#45
 2-Fluorobiphenyl
 Concen: 95.454 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045557.D
 Acq: 1 Jun 2020 15:55

Tgt Ion:172 Resp: 1066816
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.5 44.3
 170 23.9 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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045557.D

Acq: 1 Jun 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB129209BL

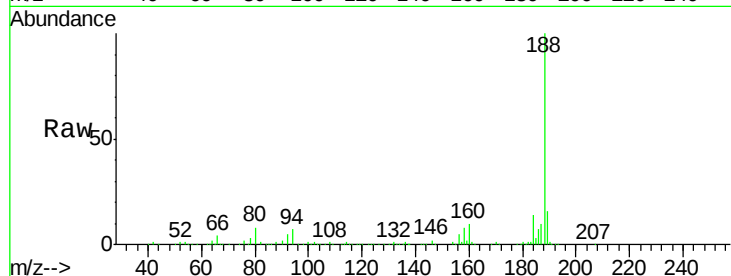
Tot Ion:188 Resp: 451694

Ion Ratio Lower Upper

188 100

94 6.5 5.5 8.3

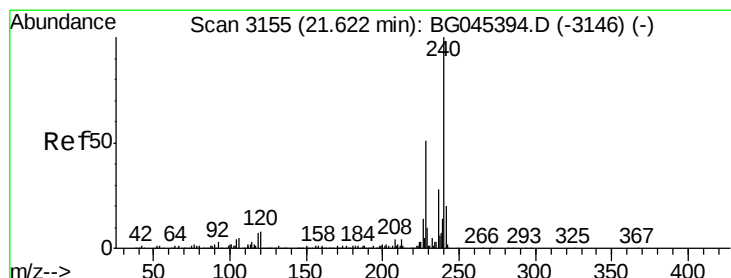
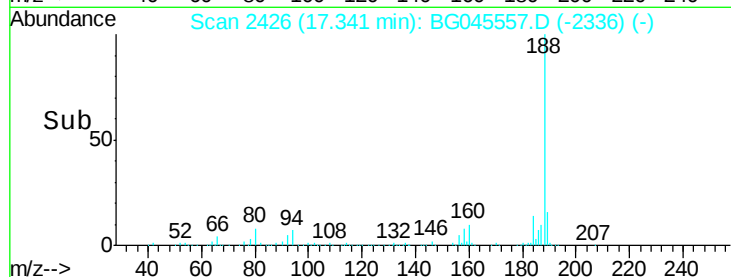
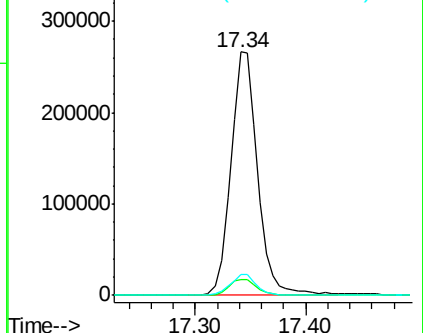
80 8.4 6.6 10.0



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# 3151

Delta R.T. -0.00 min

Lab File: BG045557.D

Acq: 1 Jun 2020 15:55

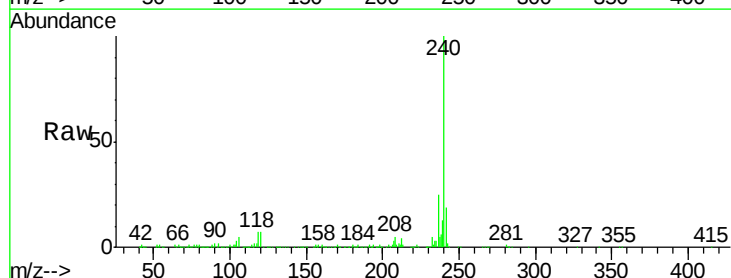
Tgt Ion:240 Resp: 447438

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

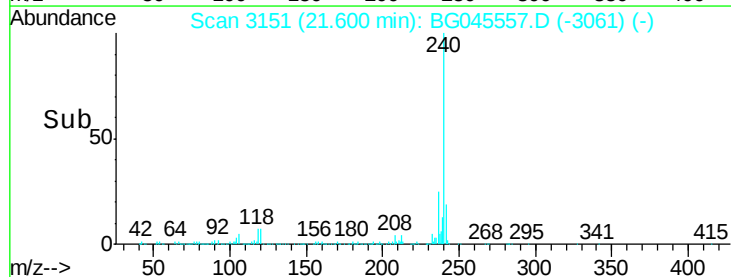
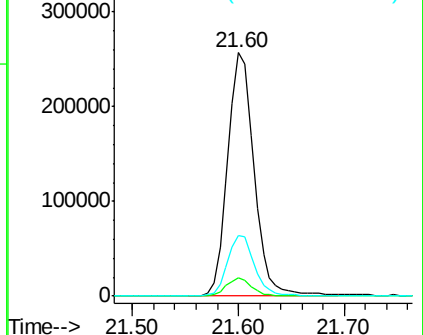
236 25.0 22.3 33.5

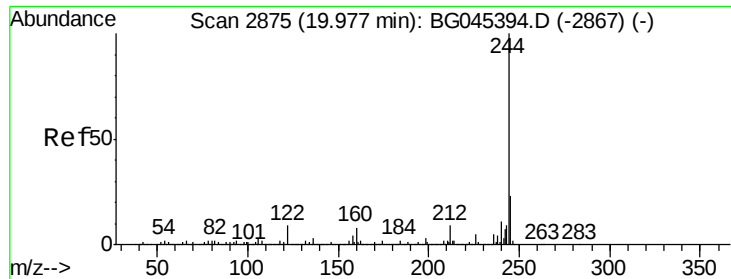


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.818 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045557.D

Acq: 1 Jun 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB129209BL

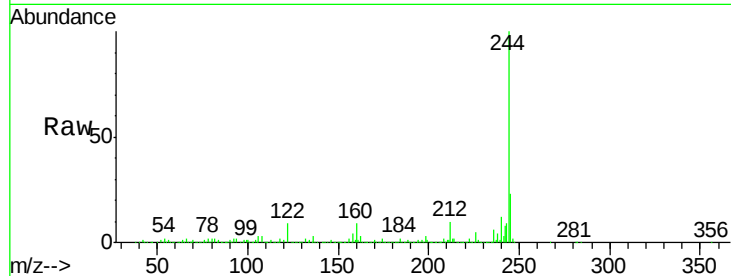
Tot Ion:244 Resp: 1895774

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

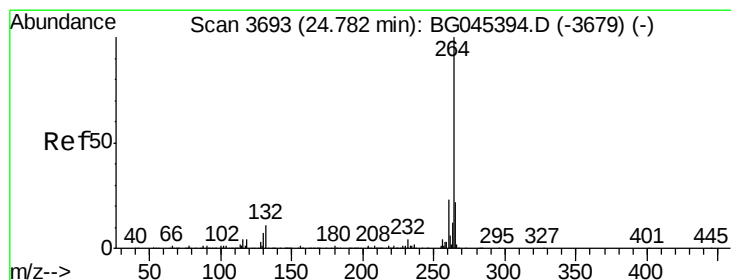
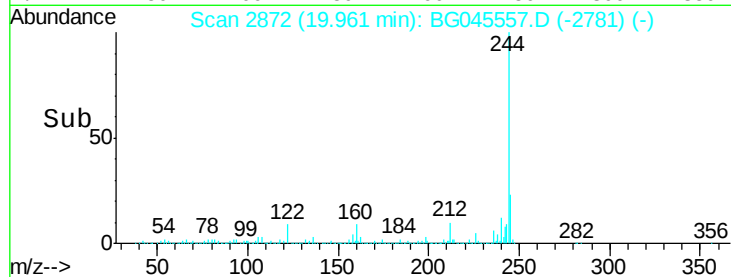
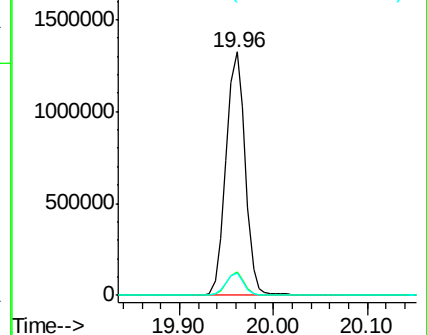
122 8.9 6.8 10.2



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: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045557.D

Acq: 1 Jun 2020 15:55

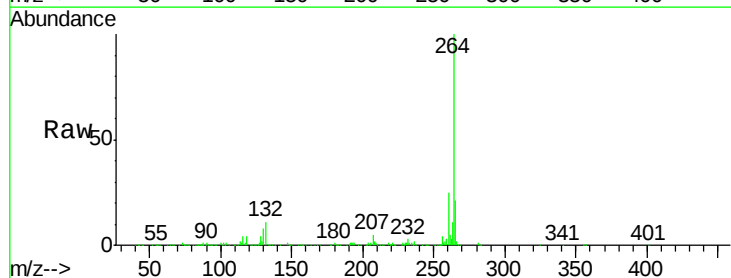
Tgt Ion:264 Resp: 466791

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 21.3 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

