

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
 Data File : BG045856.D
 Acq On : 25 Jun 2020 14:07
 Operator : CG/JU
 Sample : PB129763BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BL

Quant Time: Jun 25 15:50:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	60985	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	242998	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	174044	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	391062	20.00	ng	0.00
76) Chrysene-d12	21.57	240	412581	20.00	ng	0.00
86) Perylene-d12	24.70	264	427133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	444601	123.15	ng	0.00
7) Phenol-d6	7.13	99	620638	113.02	ng	0.00
23) Nitrobenzene-d5	9.08	82	433242	81.45	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	302152	114.99	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	987416	83.37	ng	0.00
79) Terphenyl-d14	19.93	244	1757949	86.35	ng	0.00

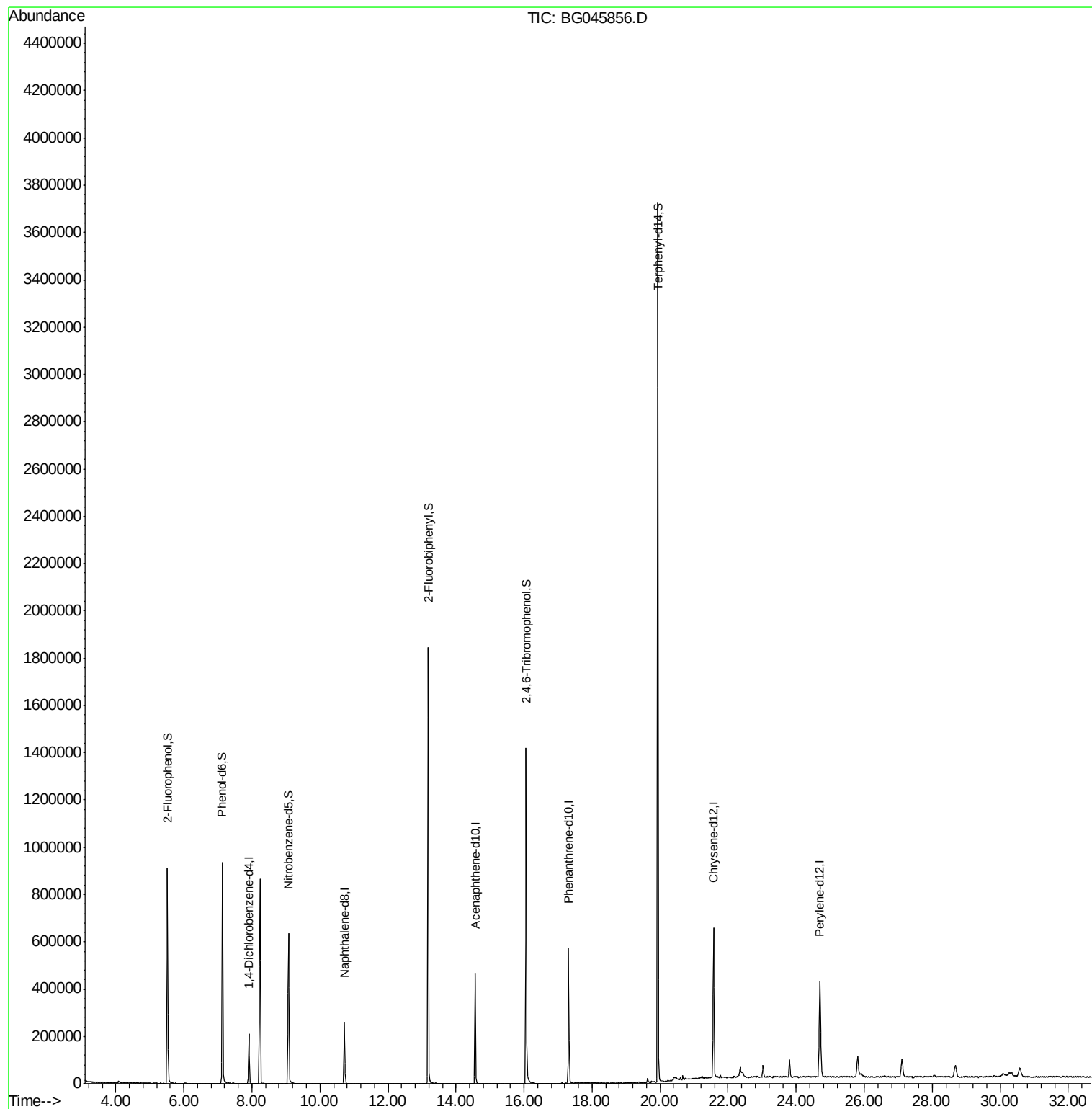
Target Compounds Qvalue

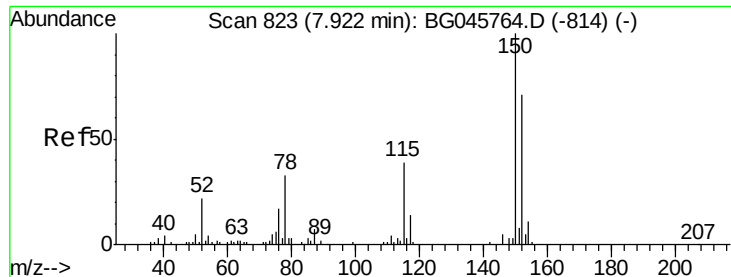
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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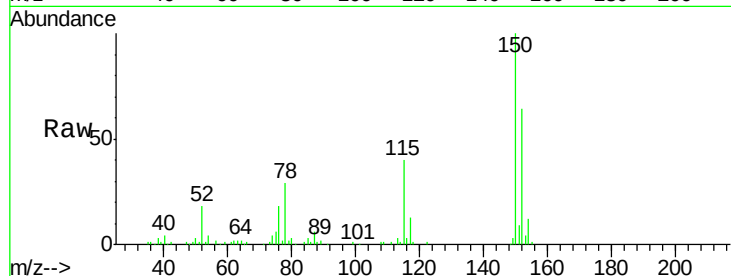


#1

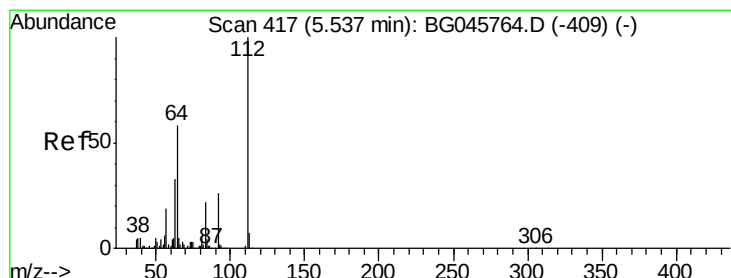
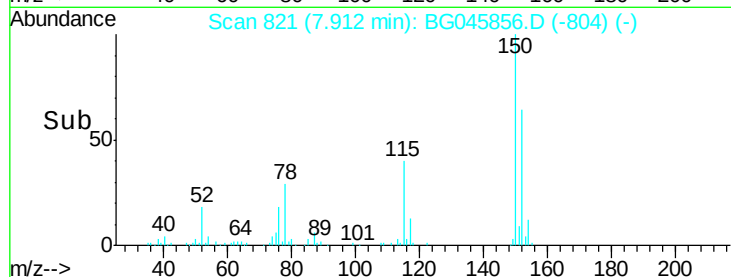
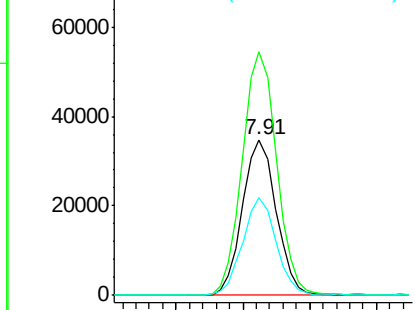
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Instrument :
BNA_G
ClientSampleId :
PB129763BL

Tot Ion:152 Resp: 60985
Ion Ratio Lower Upper
152 100
150 156.7 113.1 169.7
115 63.2 43.8 65.6



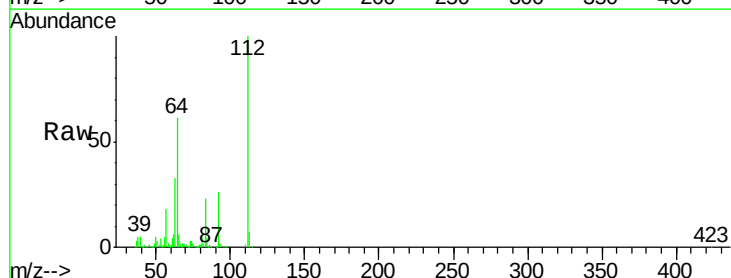
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



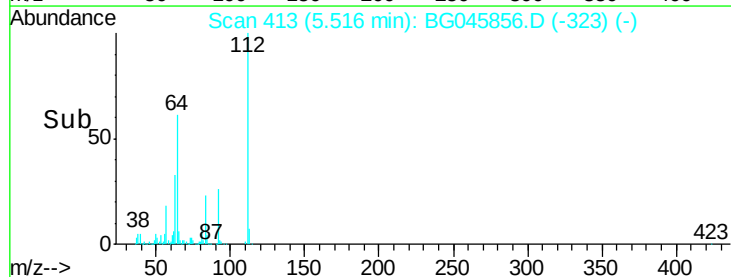
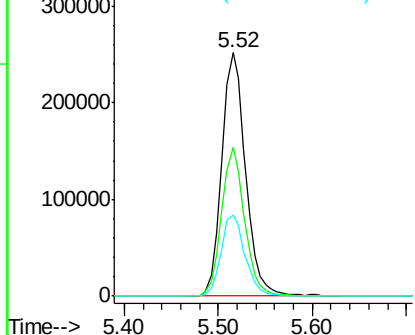
#5

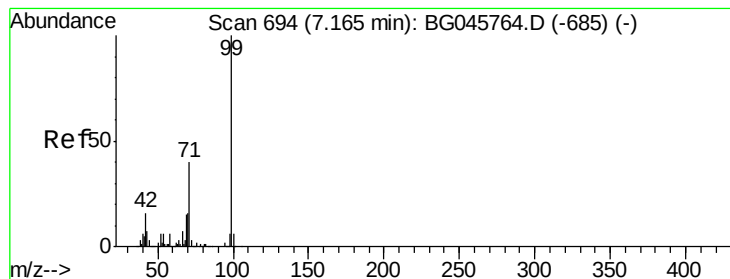
2-Fluorophenol
Concen: 123.151 ng
RT: 5.52 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG045856.D
Acq: 25 Jun 2020 14:07

Tgt Ion:112 Resp: 444601
Ion Ratio Lower Upper
112 100
64 61.0 46.6 69.8
63 33.3 26.3 39.5



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: 113.019 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Instrument :

BNA_G

ClientSampleId :

PB129763BL

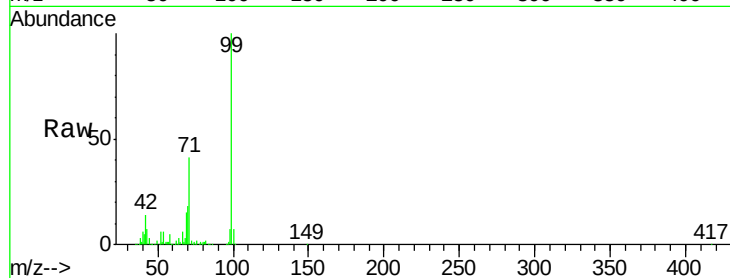
Tot Ion: 99 Resp: 620638

Ion Ratio Lower Upper

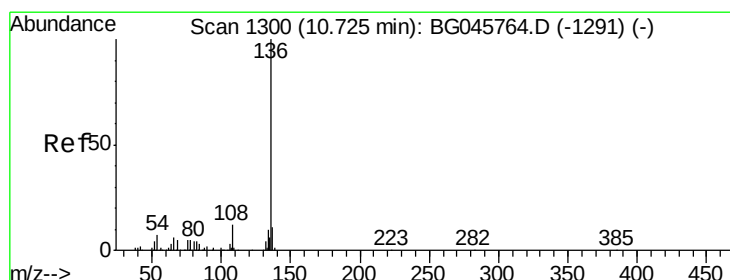
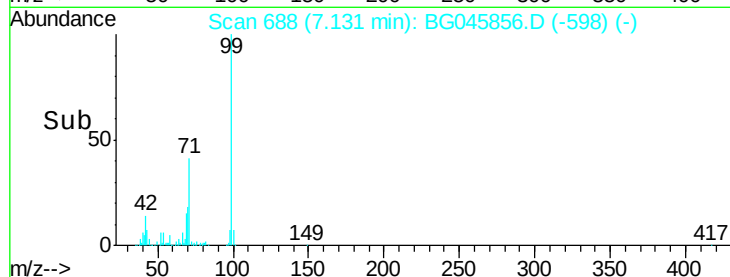
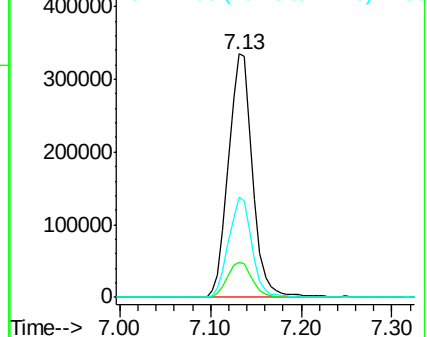
99 100

42 14.2 12.4 18.6

71 41.3 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Tgt Ion: 136 Resp: 242998

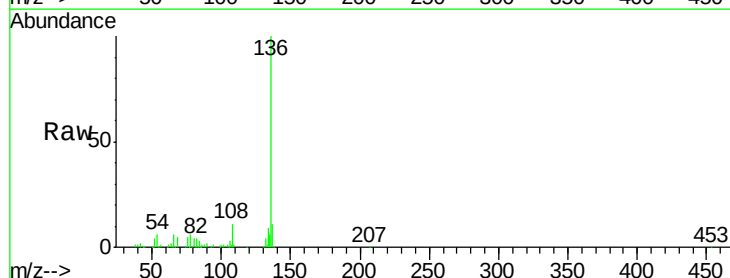
Ion Ratio Lower Upper

136 100

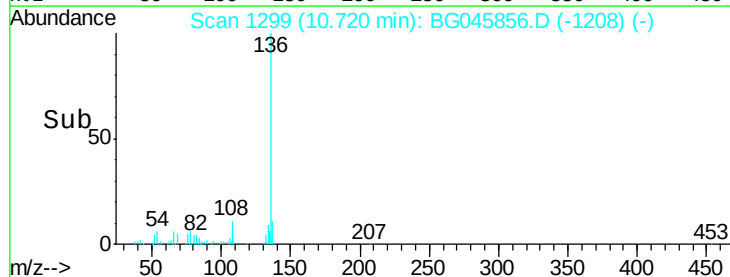
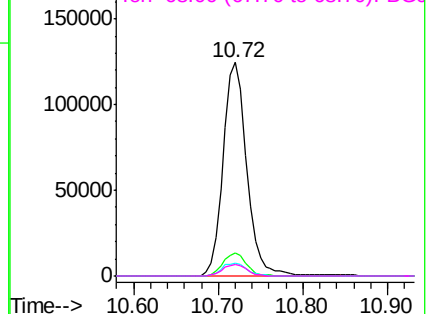
137 11.1 8.7 13.1

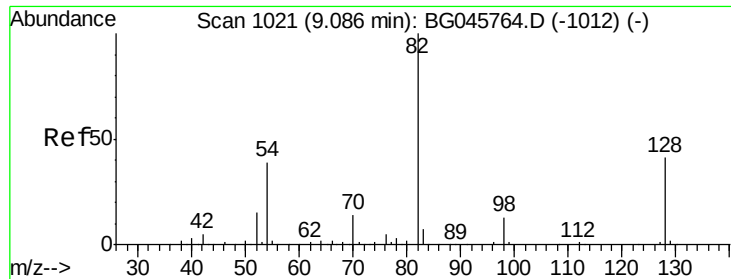
54 6.1 5.8 8.6

68 5.3 4.0 6.0



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

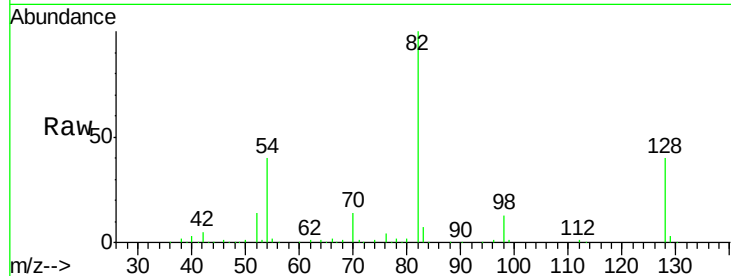




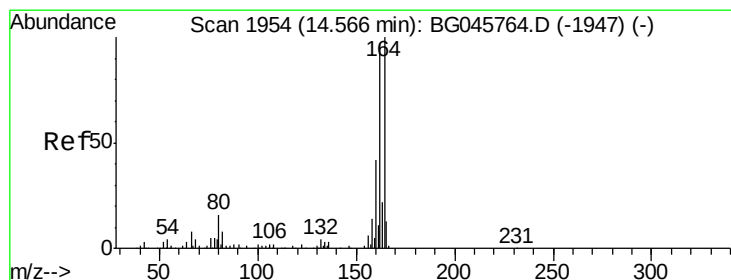
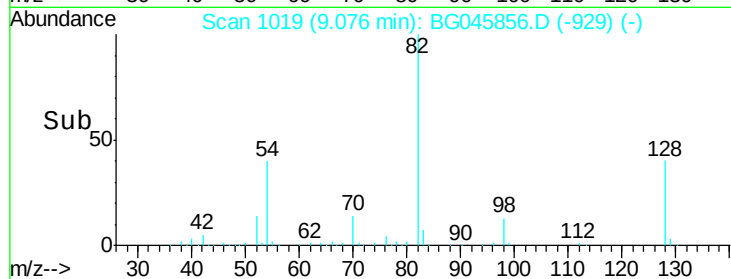
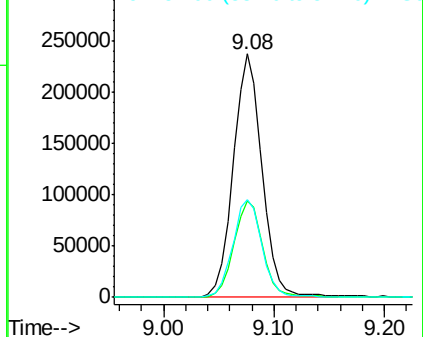
#23
 Nitrobenzene-d5
 Concen: 81.449 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB129763BL

Tot Ion: 82 Resp: 433242
 Ion Ratio Lower Upper
 82 100
 128 39.6 32.5 48.7
 54 40.1 31.2 46.8

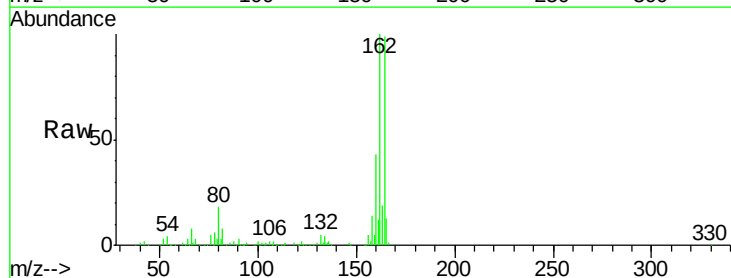


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

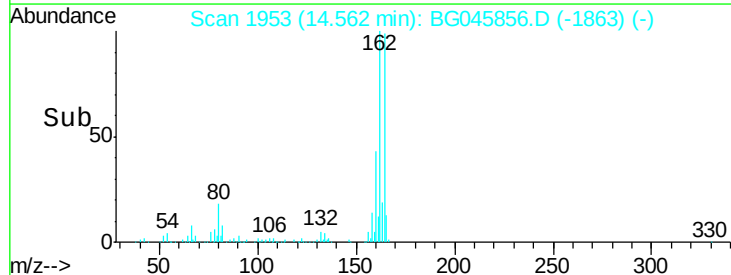
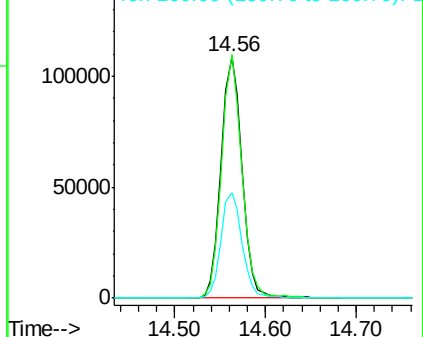


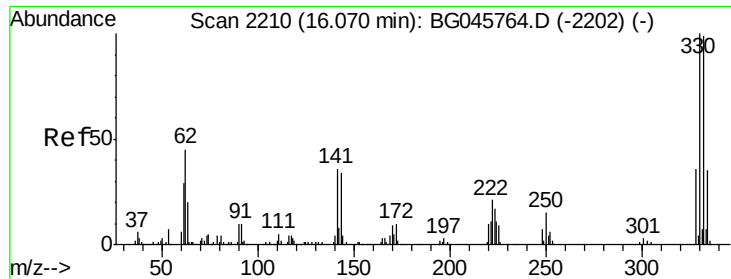
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

Tgt Ion: 164 Resp: 174044
 Ion Ratio Lower Upper
 164 100
 162 100.8 77.4 116.0
 160 43.6 33.3 49.9



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

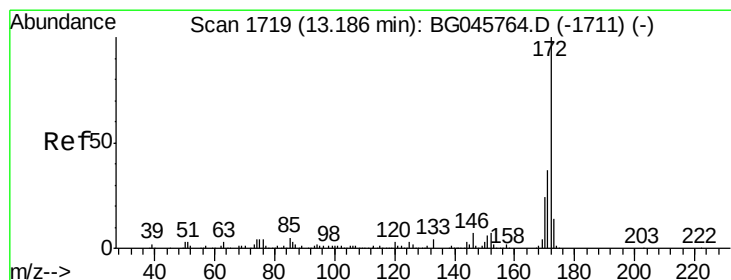
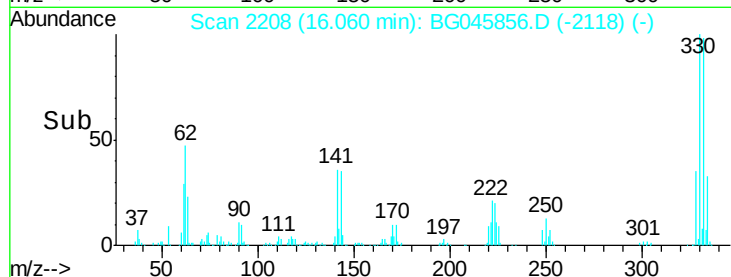
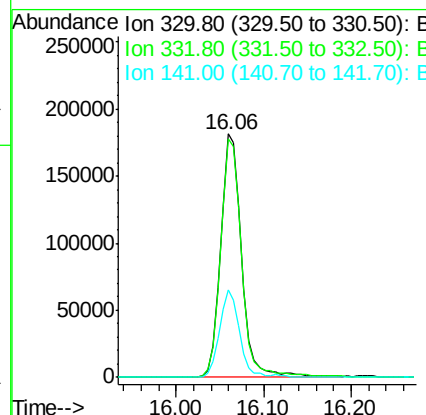
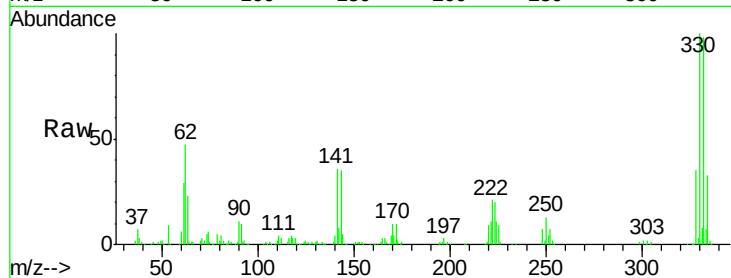




#42
 2,4,6-Tribromophenol
 Concen: 114.991 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

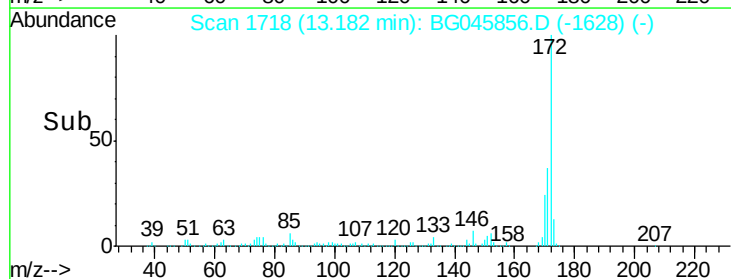
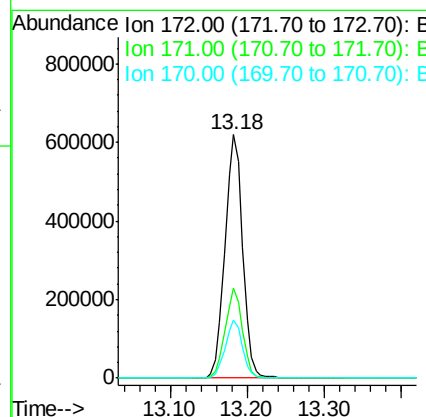
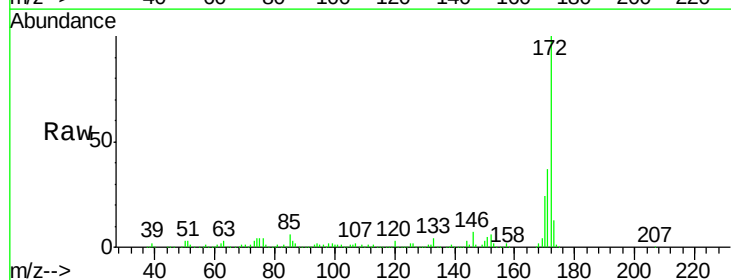
Instrument :
 BNA_G
 ClientSampleId :
 PB129763BL

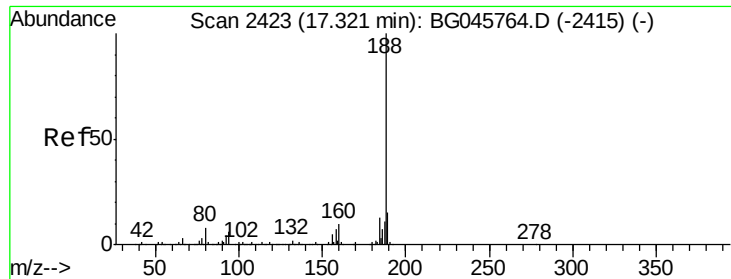
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.6	117.8
141	33.9	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 83.373 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG045856.D
 Acq: 25 Jun 2020 14:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	23.7	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Instrument :

BNA_G

ClientSampleId :

PB129763BL

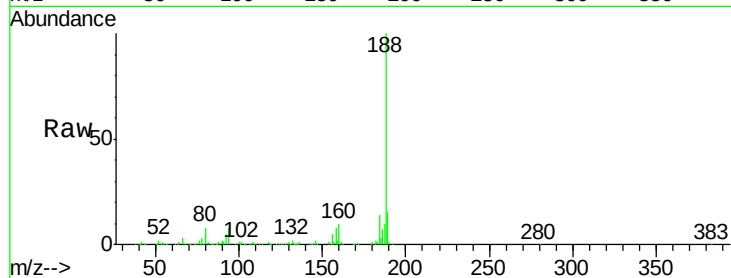
Tot Ion:188 Resp: 391062

Ion Ratio Lower Upper

188 100

94 7.8 5.1 7.7#

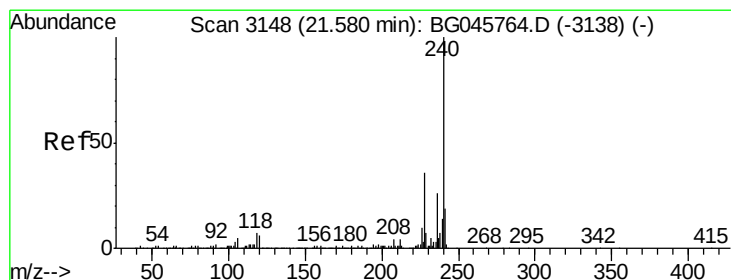
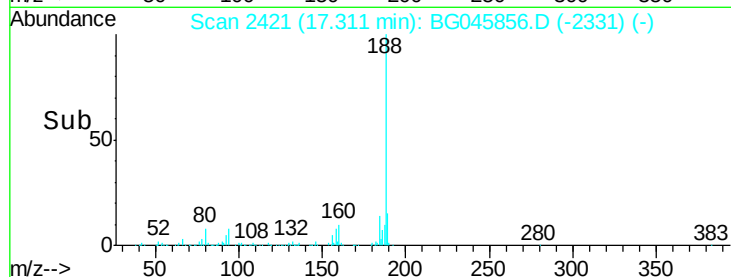
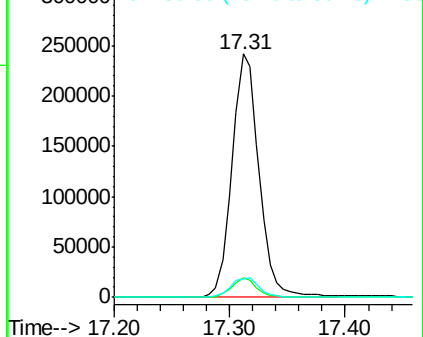
80 7.8 6.2 9.4



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: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

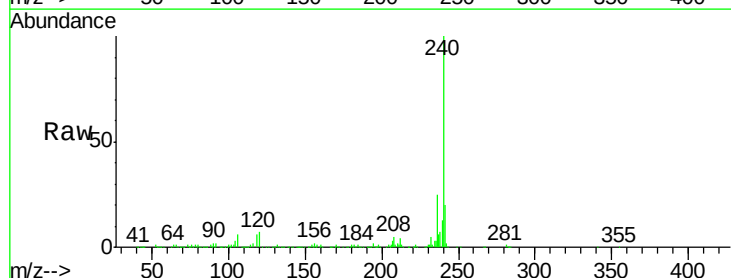
Tgt Ion:240 Resp: 412581

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

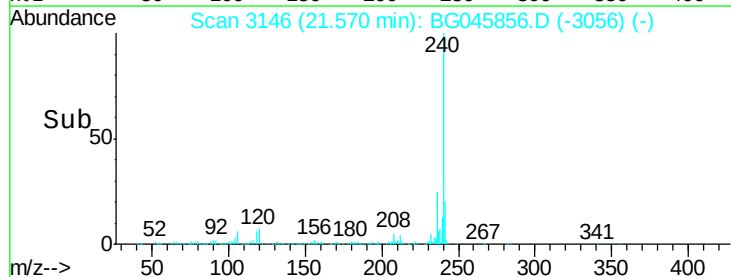
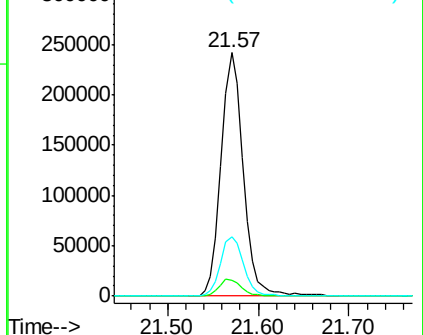
236 24.6 20.6 30.8

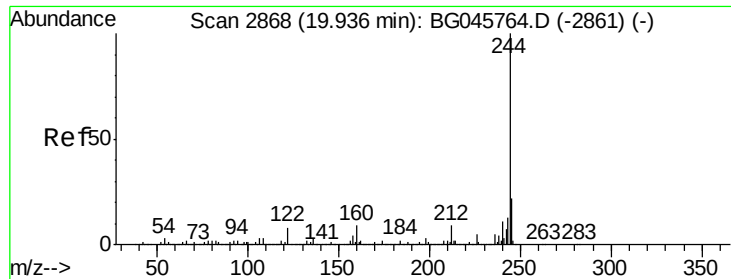


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.350 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

Instrument :

BNA_G

ClientSampleId :

PB129763BL

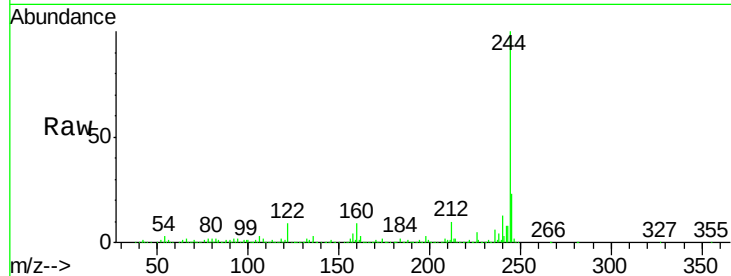
Tot Ion:244 Resp: 1757949

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

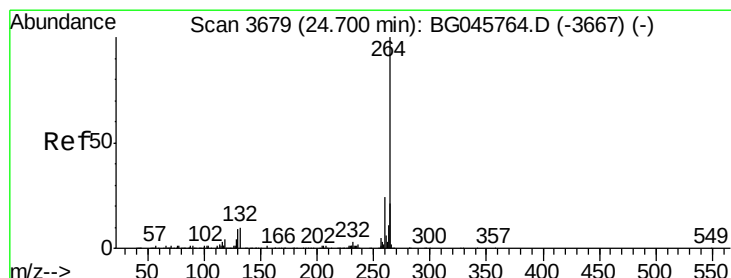
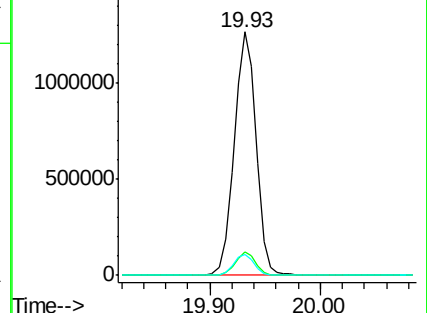
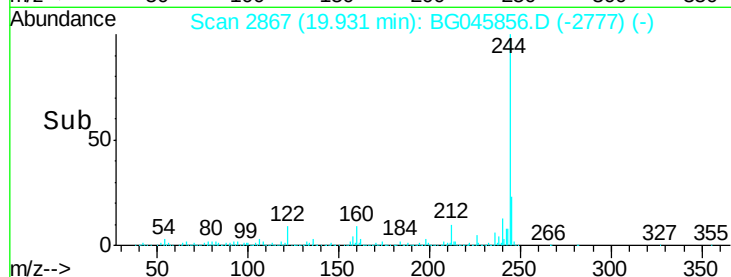
122 8.8 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG045856.D

Acq: 25 Jun 2020 14:07

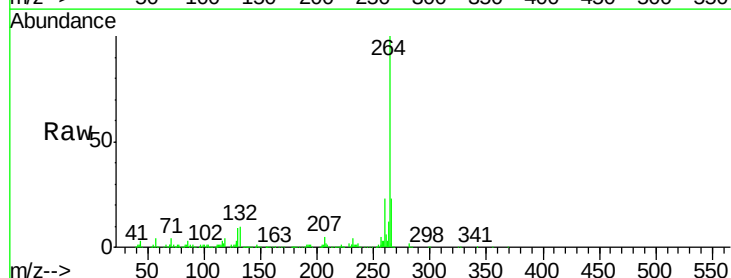
Tgt Ion:264 Resp: 427133

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 23.3 17.4 26.0



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

