

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045786.D
 Acq On : 17 Jun 2020 11:51
 Operator : CG/JU
 Sample : PB129567BL
 Misc : L
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129567BL

Quant Time: Jun 17 12:35:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	56704	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	227896	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	164031	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	388386	20.00	ng	0.00
76) Chrysene-d12	21.58	240	367789	20.00	ng	0.00
86) Perylene-d12	24.70	264	381552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	395350	117.78	ng	0.00
7) Phenol-d6	7.15	99	566464	110.94	ng	-0.01
23) Nitrobenzene-d5	9.08	82	398883	79.96	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	297063	119.96	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	928482	83.18	ng	0.00
79) Terphenyl-d14	19.94	244	1671800	92.12	ng	0.00

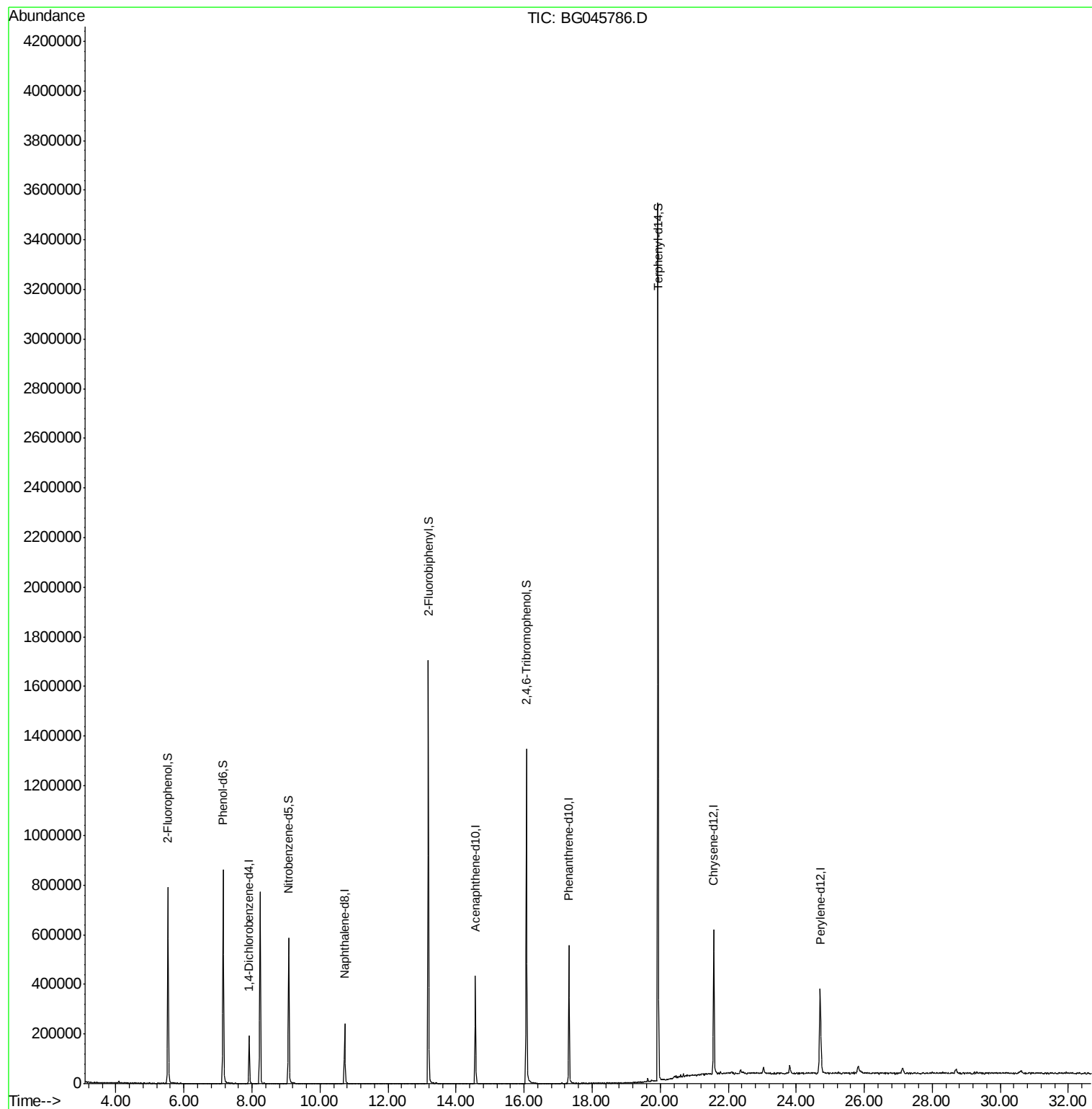
Target Compounds Qvalue

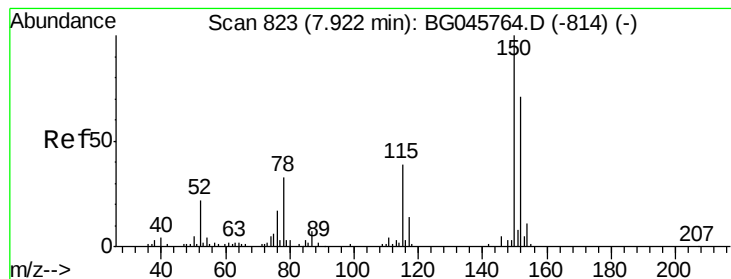
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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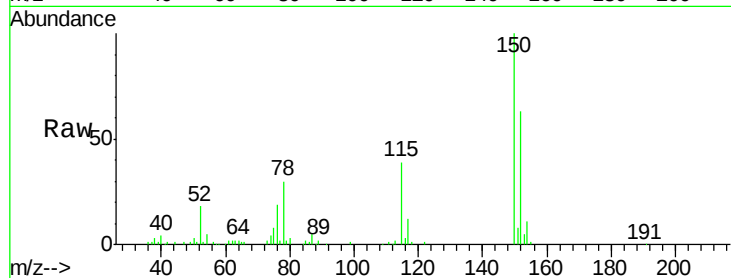


#1

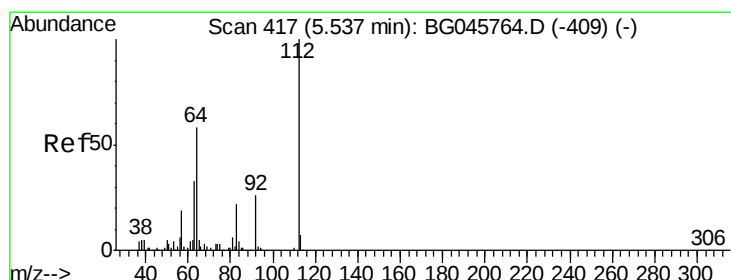
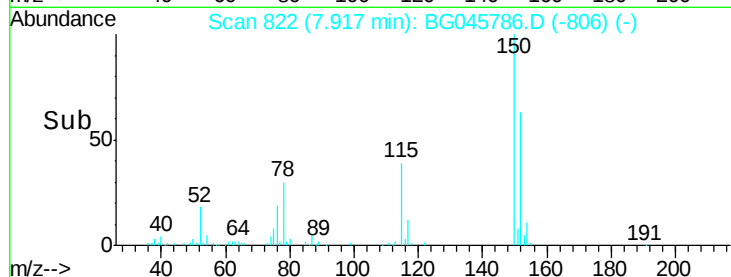
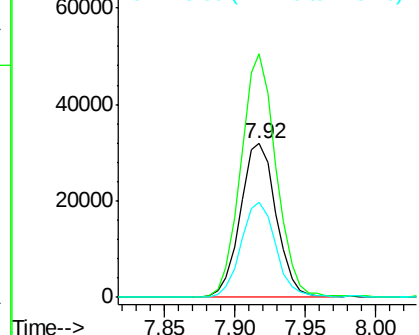
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045786.D
Acq: 17 Jun 2020 11:51

Instrument :
BNA_G
ClientSampleId :
PB129567BL

Tot Ion:152 Resp: 56704
Ion Ratio Lower Upper
152 100
150 158.3 113.1 169.7
115 61.6 43.8 65.6



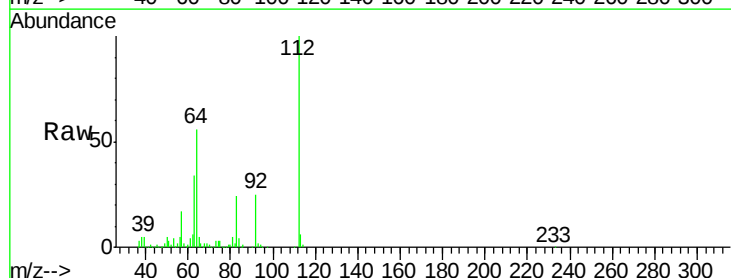
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



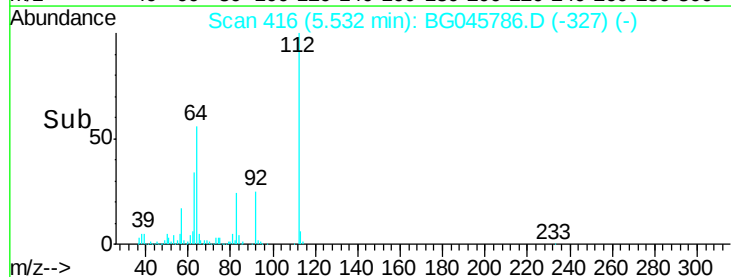
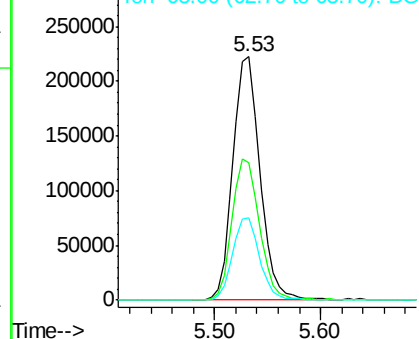
#5

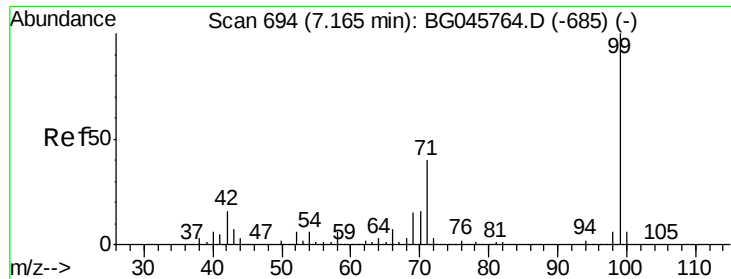
2-Fluorophenol
Concen: 117.776 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045786.D
Acq: 17 Jun 2020 11:51

Tgt Ion:112 Resp: 395350
Ion Ratio Lower Upper
112 100
64 56.2 46.6 69.8
63 33.7 26.3 39.5



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: 110.942 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045786.D

Acq: 17 Jun 2020 11:51

Instrument :

BNA_G

ClientSampleId :

PB129567BL

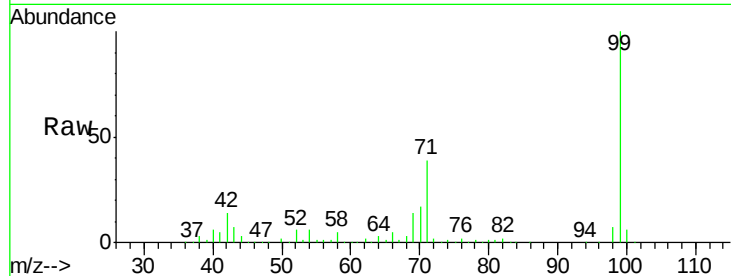
Tot Ion: 99 Resp: 566464

Ion Ratio Lower Upper

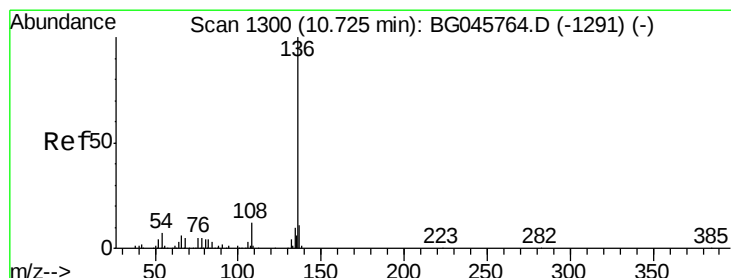
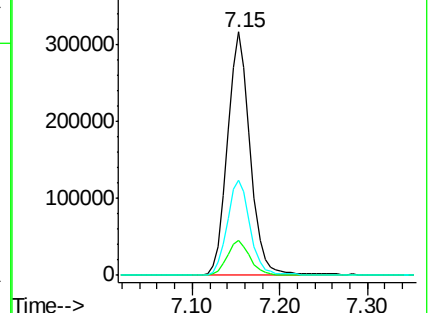
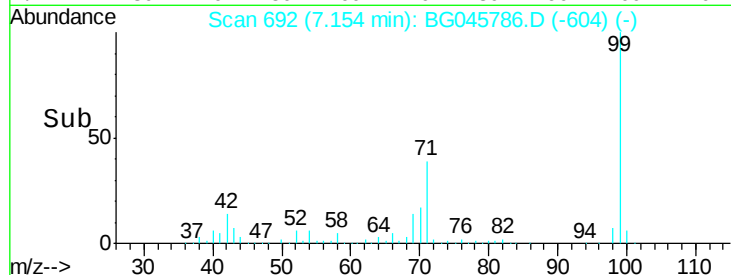
99 100

42 14.4 12.4 18.6

71 39.2 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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045786.D

Acq: 17 Jun 2020 11:51

Tgt Ion:136 Resp: 227896

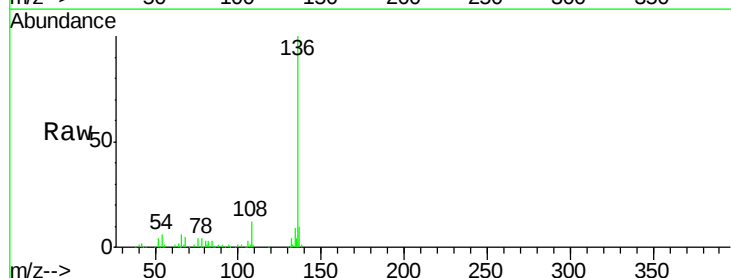
Ion Ratio Lower Upper

136 100

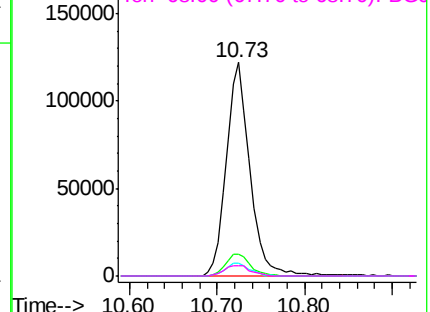
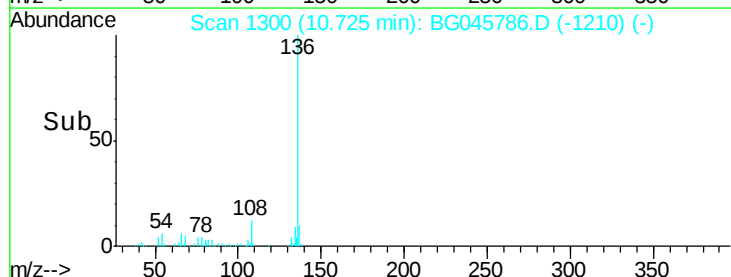
137 10.0 8.7 13.1

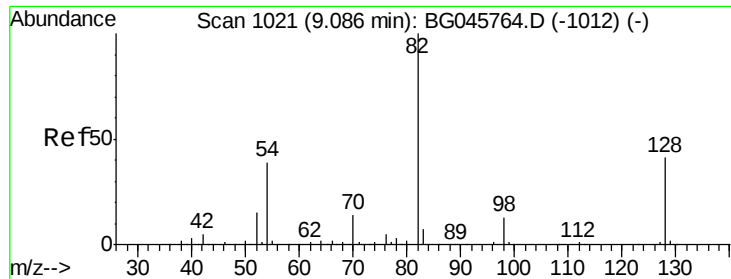
54 5.8 5.8 8.6

68 4.8 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

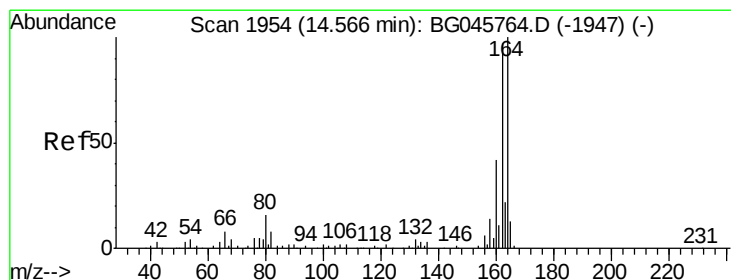
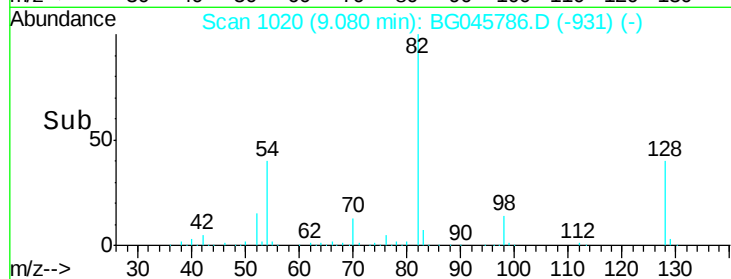
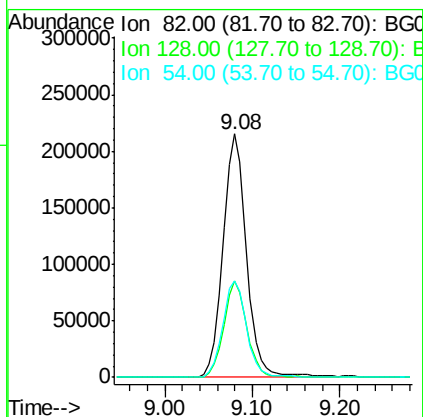
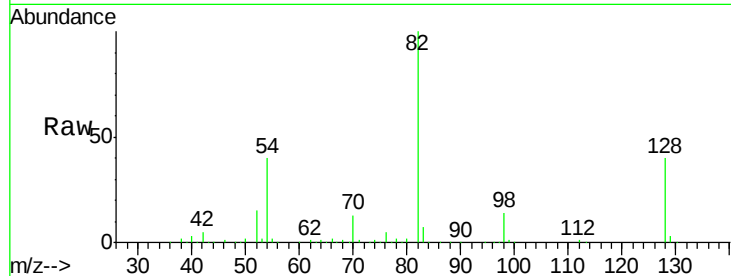




#23
 Nitrobenzene-d5
 Concen: 79.959 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045786.D
 Acq: 17 Jun 2020 11:51

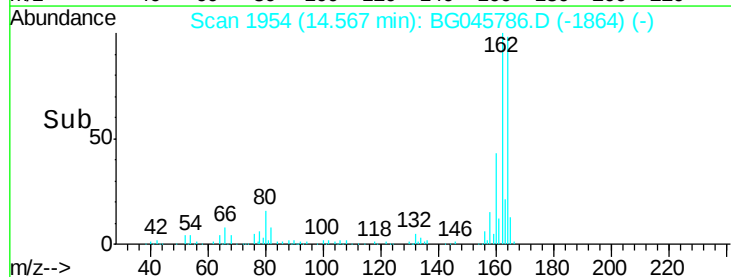
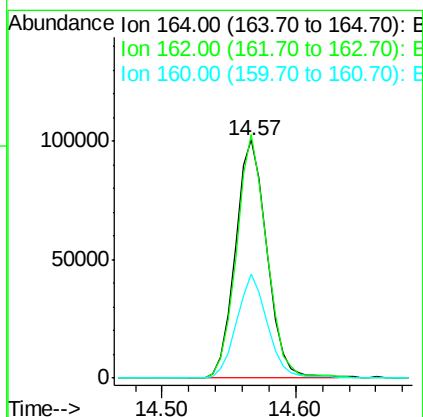
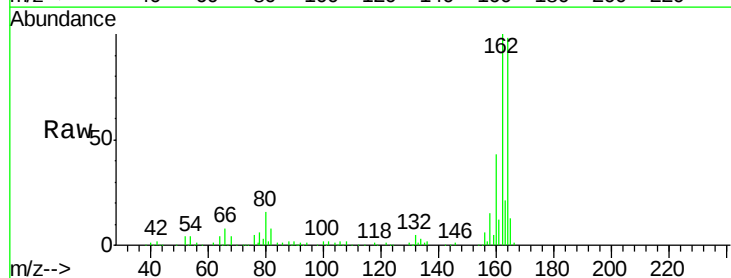
Instrument :
 BNA_G
 ClientSampleId :
 PB129567BL

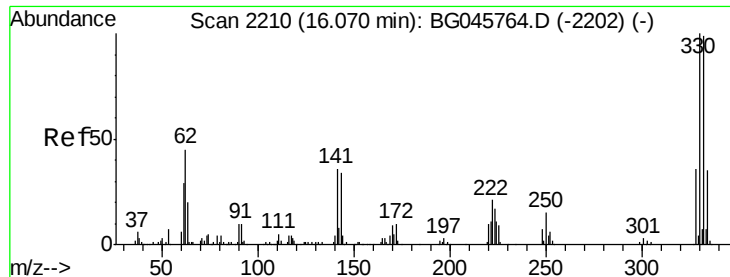
Tot Ion: 82 Resp: 398883
 Ion Ratio Lower Upper
 82 100
 128 39.7 32.5 48.7
 54 39.6 31.2 46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG045786.D
 Acq: 17 Jun 2020 11:51

Tgt Ion: 164 Resp: 164031
 Ion Ratio Lower Upper
 164 100
 162 102.1 77.4 116.0
 160 43.4 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 119.956 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045786.D

Acq: 17 Jun 2020 11:51

Instrument :

BNA_G

ClientSampleId :

PB129567BL

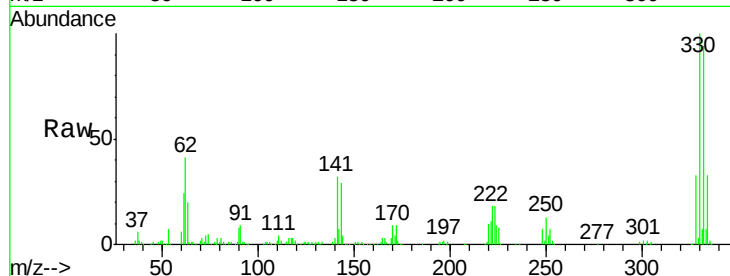
Tot Ion:330 Resp: 297063

Ion Ratio Lower Upper

330 100

332 97.0 78.6 117.8

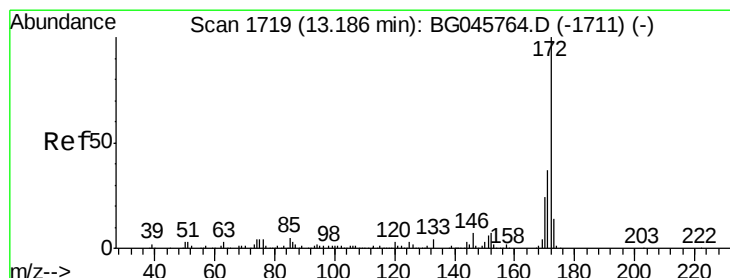
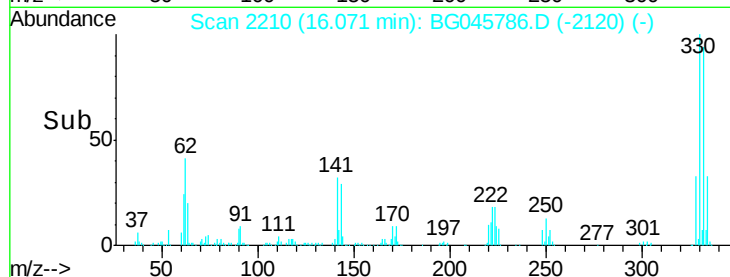
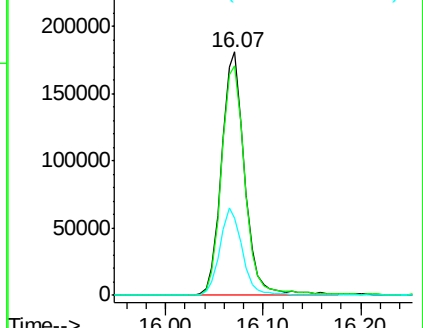
141 35.1 28.2 42.4



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: 83.183 ng

RT: 13.19 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BG045786.D

Acq: 17 Jun 2020 11:51

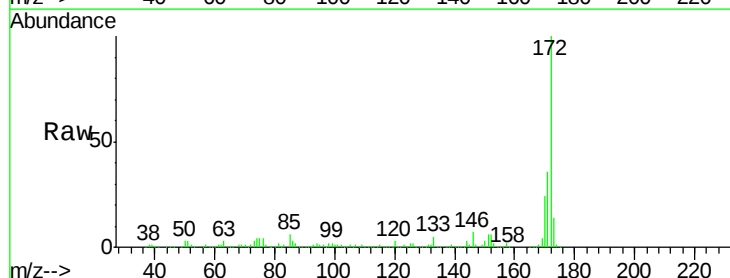
Tgt Ion:172 Resp: 928482

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

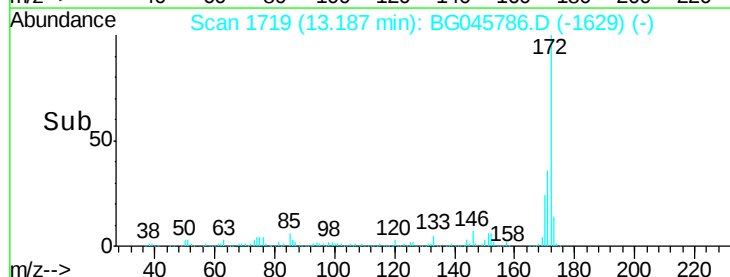
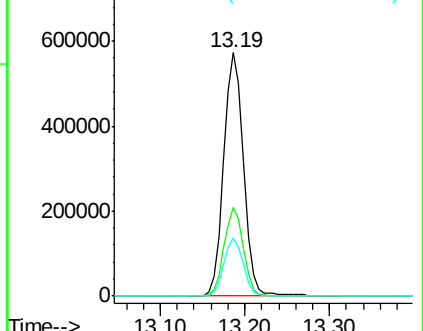
170 23.7 19.3 28.9

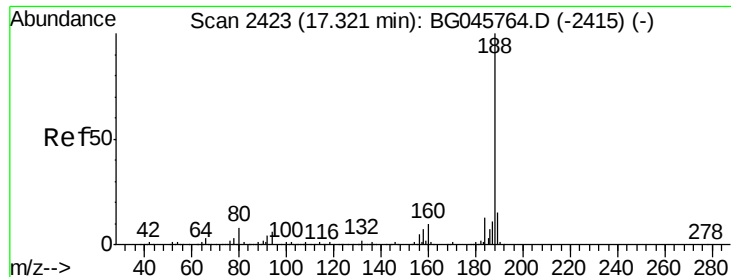


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

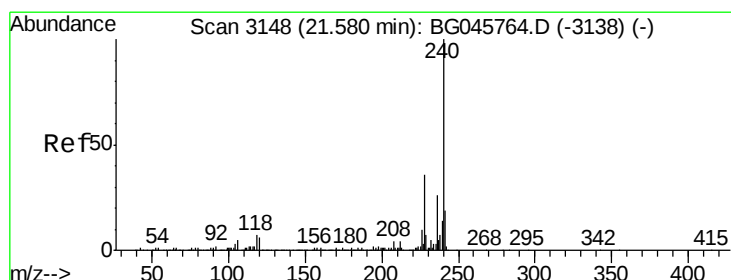
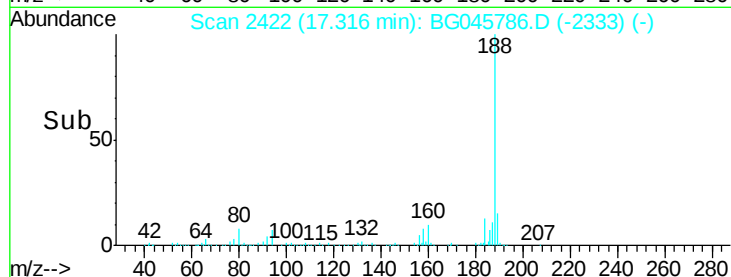
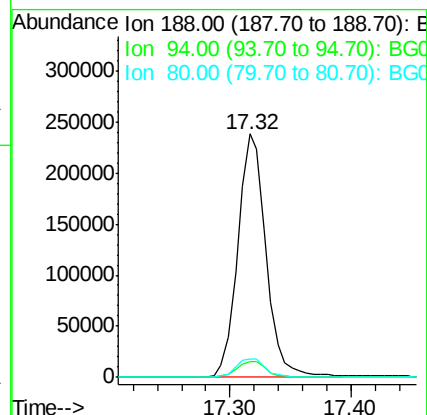
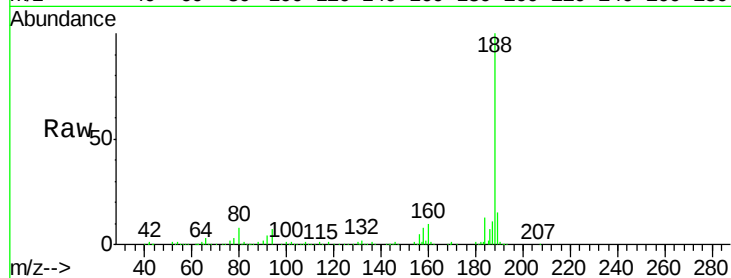




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045786.D
Acq: 17 Jun 2020 11:51

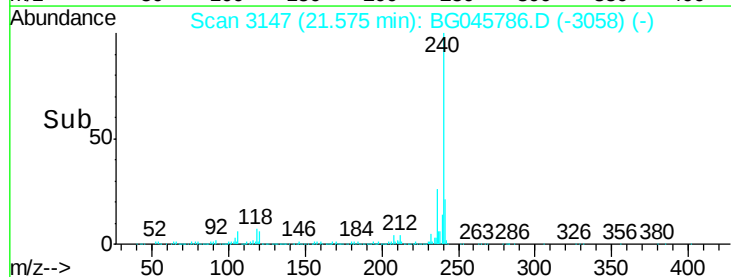
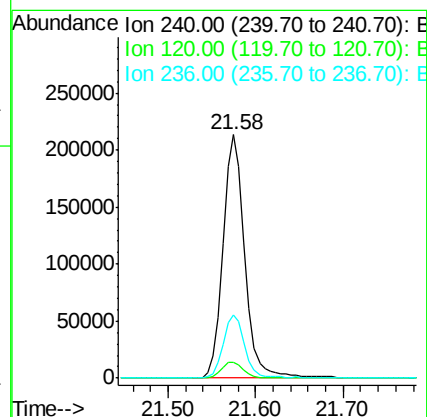
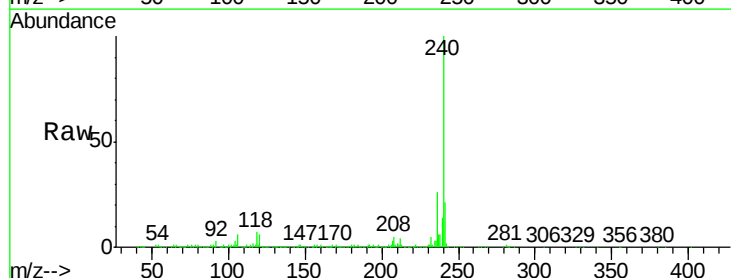
Instrument :
BNA_G
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PB129567BL

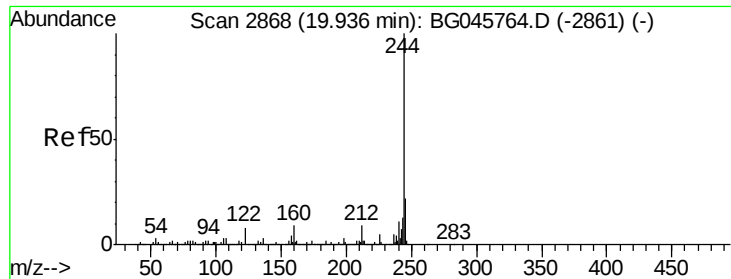
Tot Ion:188 Resp: 388386
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 7.6 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045786.D
Acq: 17 Jun 2020 11:51

Tgt Ion:240 Resp: 367789
Ion Ratio Lower Upper
240 100
120 6.3 5.0 7.4
236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 92.120 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045786.D

Acq: 17 Jun 2020 11:51

Instrument :

BNA_G

ClientSampleId :

PB129567BL

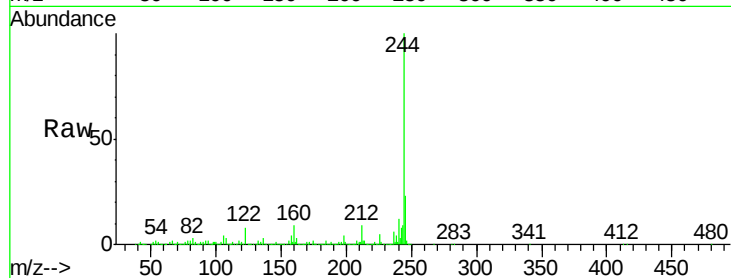
Tot Ion:244 Resp: 1671800

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

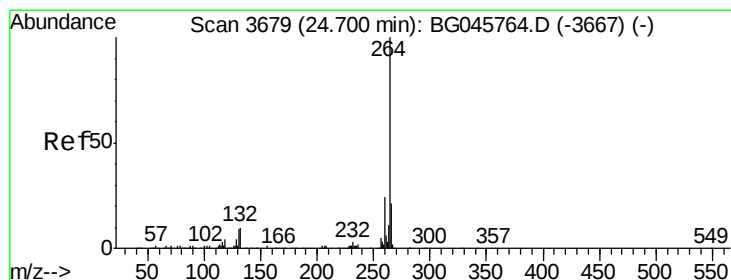
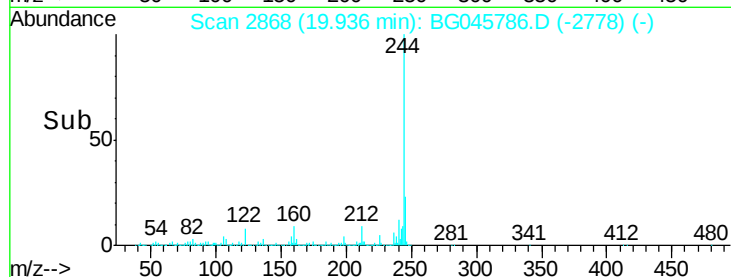
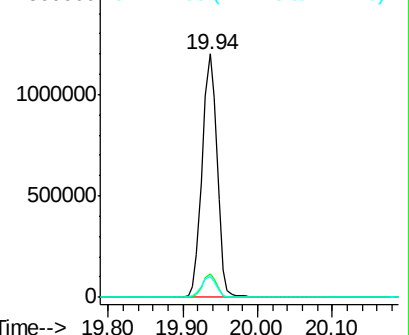
122 8.5 6.4 9.6



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# 3679

Delta R.T. 0.00 min

Lab File: BG045786.D

Acq: 17 Jun 2020 11:51

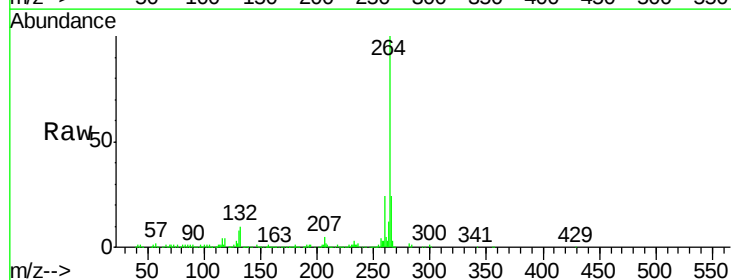
Tgt Ion:264 Resp: 381552

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 23.7 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

