

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045811.D
 Acq On : 19 Jun 2020 12:06
 Operator : CG/JU
 Sample : PB129631BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129631BL

Quant Time: Jun 19 13:22:39 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	55956	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	213495	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	155947	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	364965	20.00	ng	0.00
76) Chrysene-d12	21.57	240	385967	20.00	ng	0.00
86) Perylene-d12	24.70	264	403783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	394068	118.96	ng	-0.01
7) Phenol-d6	7.15	99	554488	110.05	ng	-0.02
23) Nitrobenzene-d5	9.08	82	386014	82.60	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	282470	119.98	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	888083	83.69	ng	0.00
79) Terphenyl-d14	19.94	244	1707855	89.67	ng	0.00

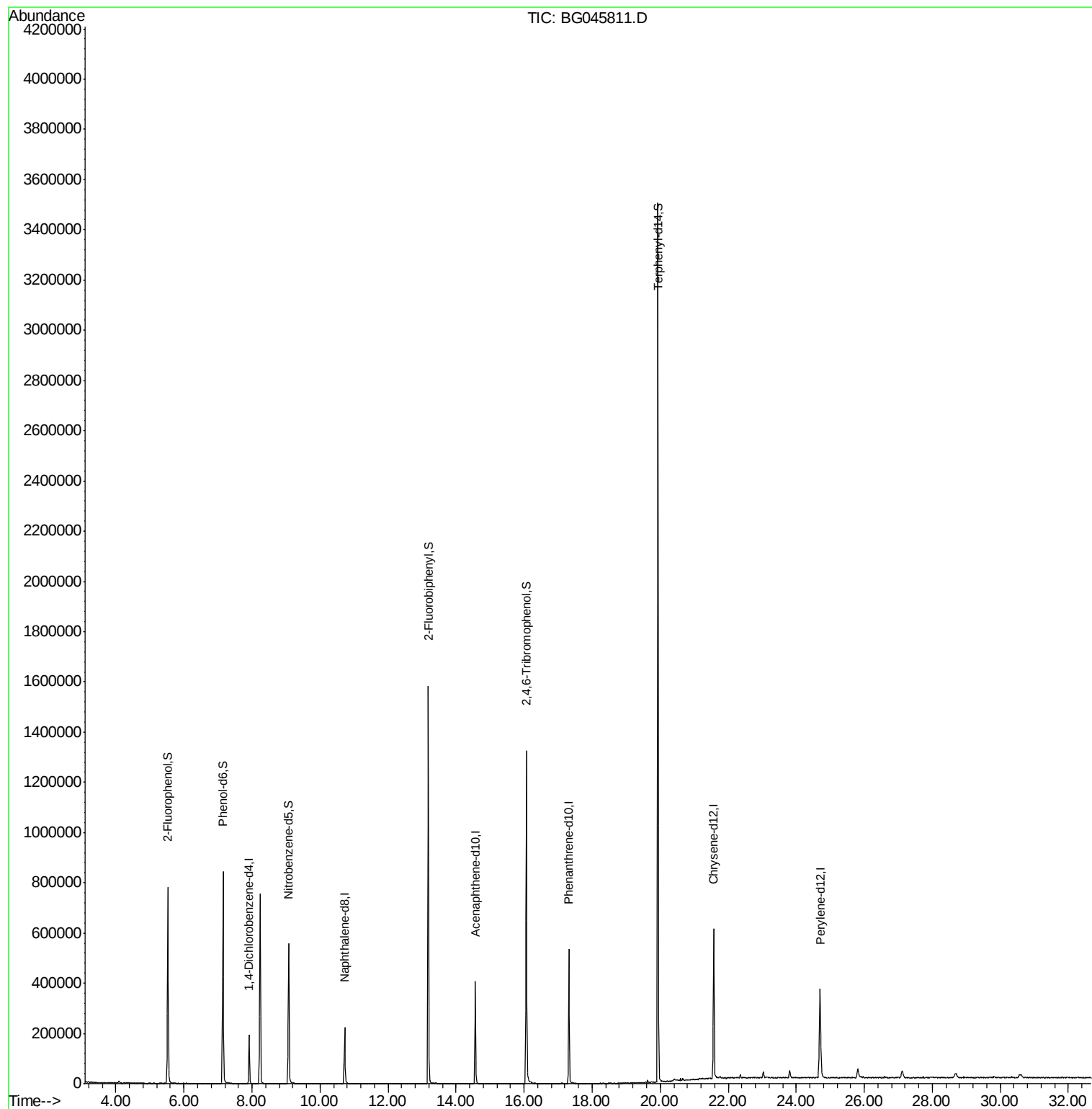
Target Compounds Qvalue

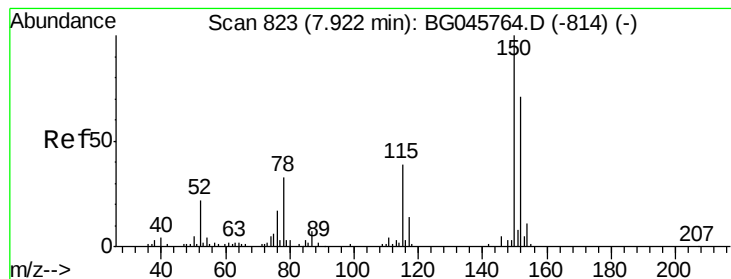
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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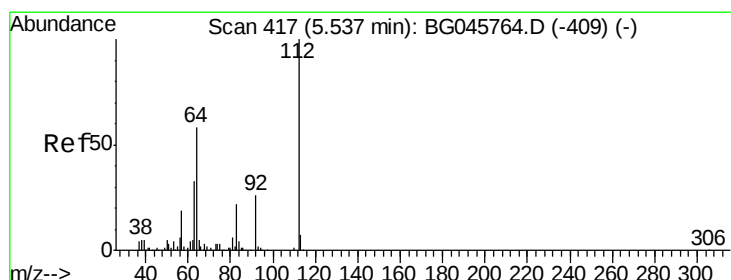
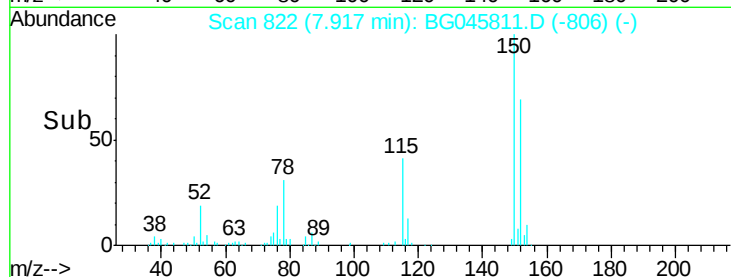
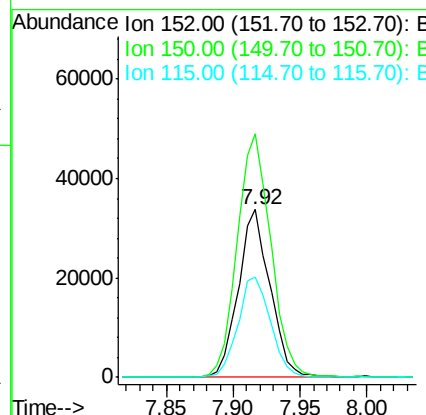
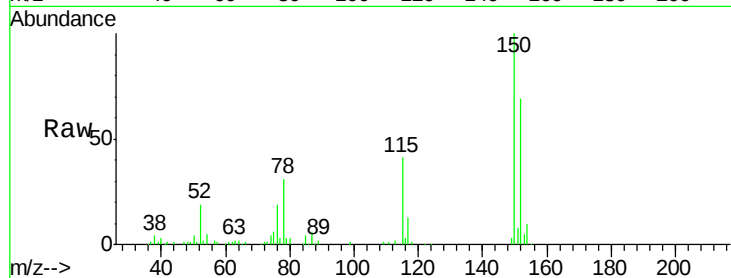


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

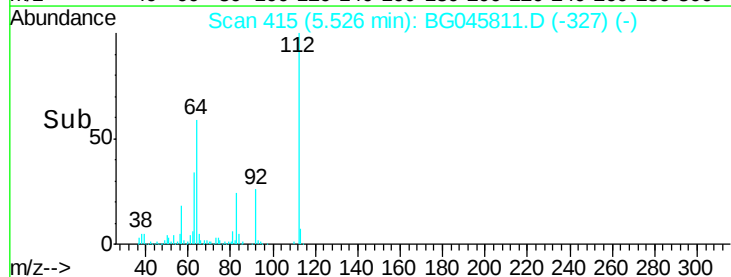
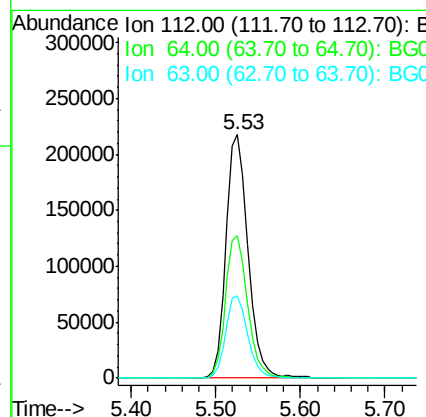
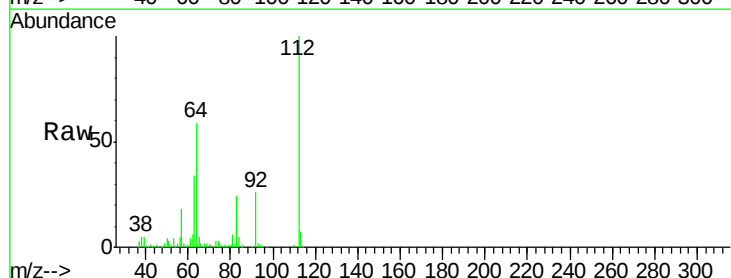
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	113.1	169.7
115	59.6	43.8	65.6

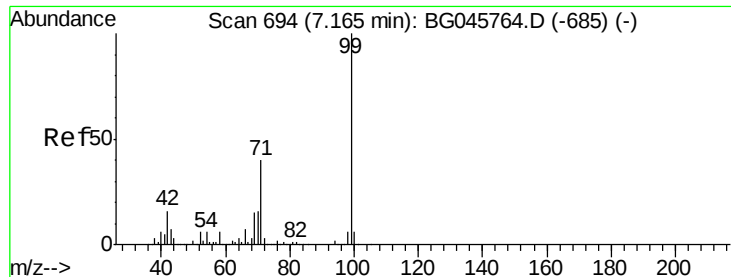


#5

2-Fluorophenol
Concen: 118.964 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.6	69.8
63	33.8	26.3	39.5





#7

Phenol-d6

Concen: 110.048 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045811.D

Acq: 19 Jun 2020 12:06

Instrument :

BNA_G

ClientSampleId :

PB129631BL

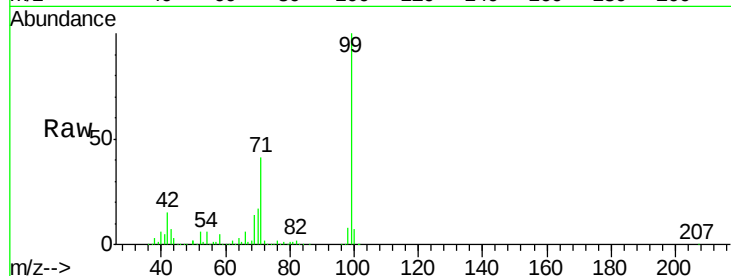
Tot Ion: 99 Resp: 554488

Ion Ratio Lower Upper

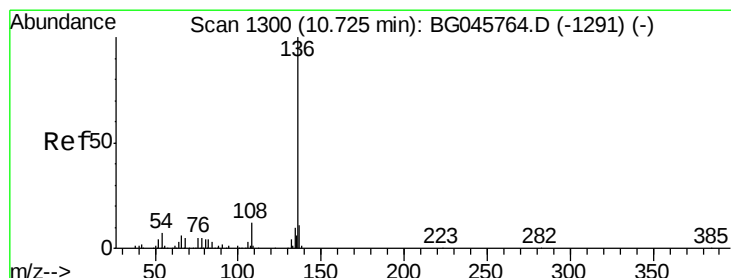
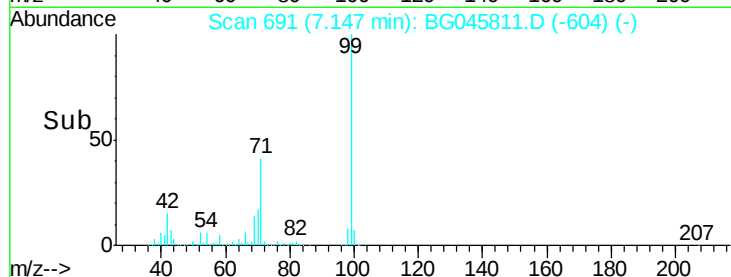
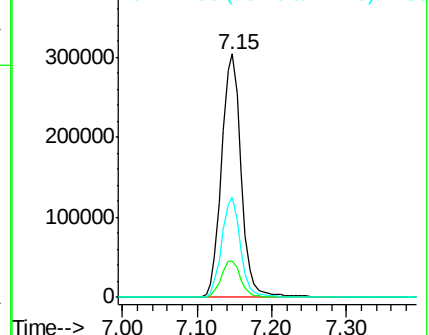
99 100

42 15.1 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# 1300

Delta R.T. 0.00 min

Lab File: BG045811.D

Acq: 19 Jun 2020 12:06

Tgt Ion: 136 Resp: 213495

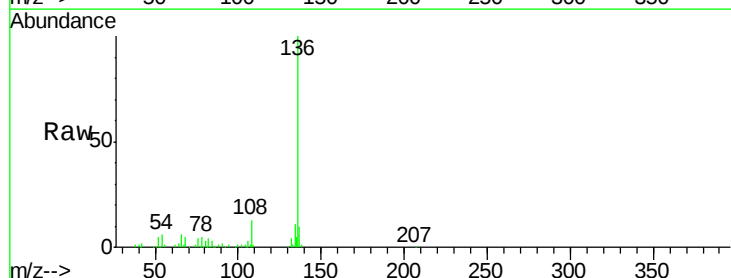
Ion Ratio Lower Upper

136 100

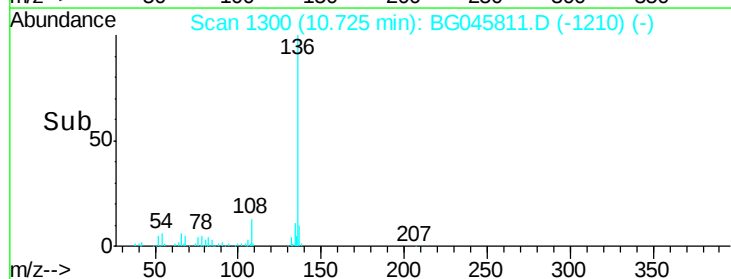
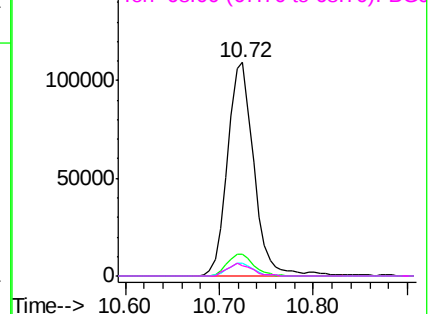
137 10.0 8.7 13.1

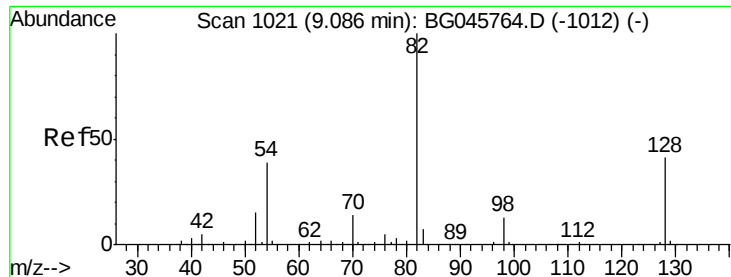
54 6.0 5.8 8.6

68 4.9 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

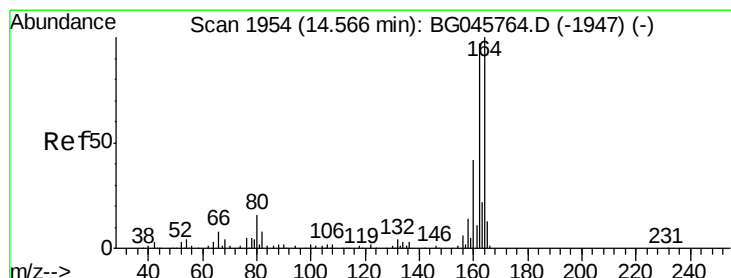
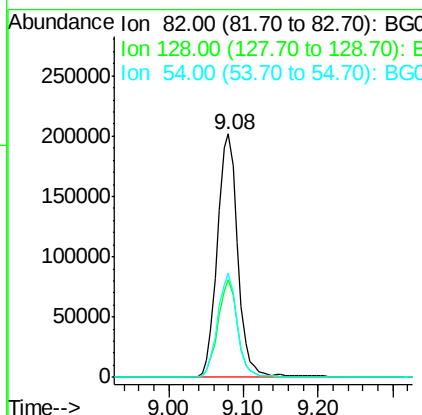
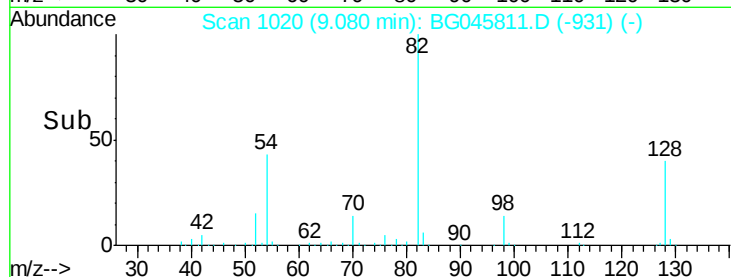
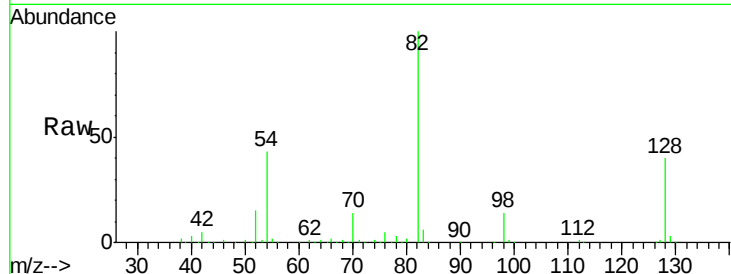




#23
Nitrobenzene-d5
Concen: 82.599 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

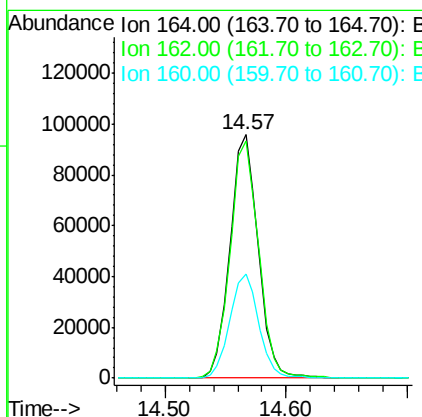
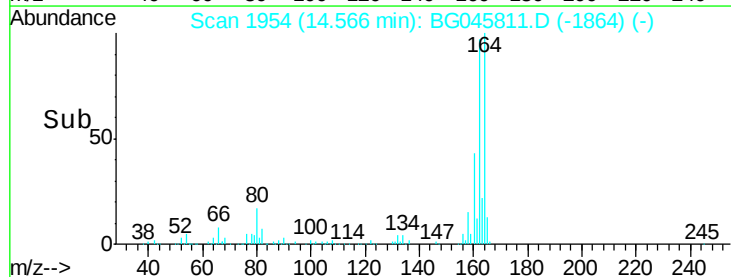
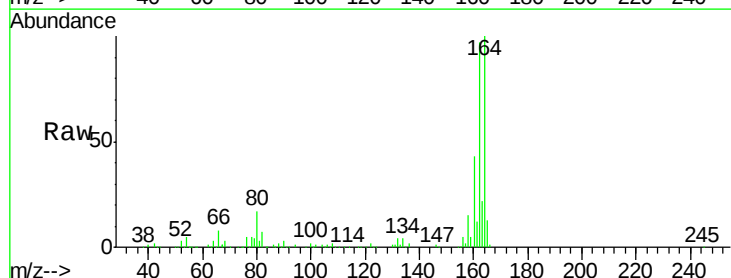
Instrument :
BNA_G
ClientSampleId :
PB129631BL

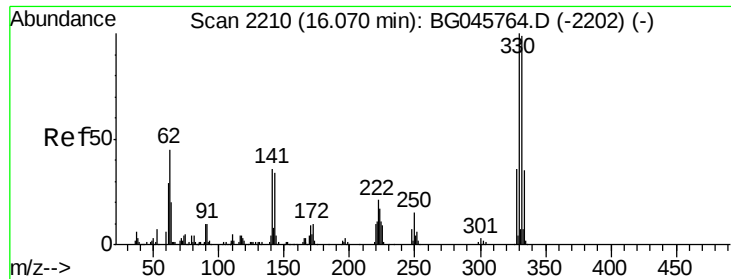
Tot Ion: 82 Resp: 386014
Ion Ratio Lower Upper
82 100
128 40.1 32.5 48.7
54 42.7 31.2 46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:164 Resp: 155947
Ion Ratio Lower Upper
164 100
162 97.4 77.4 116.0
160 42.6 33.3 49.9

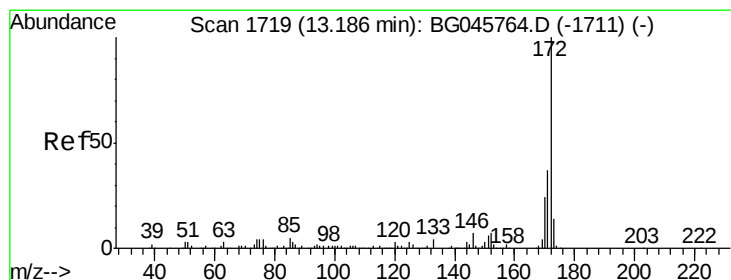
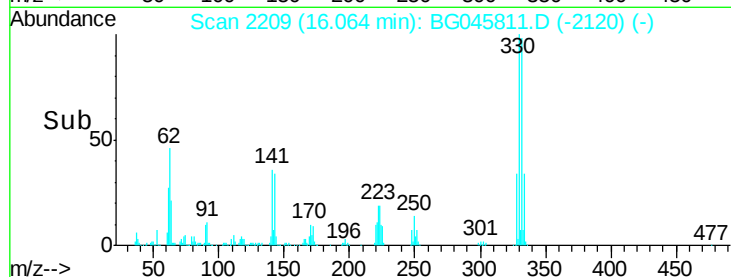
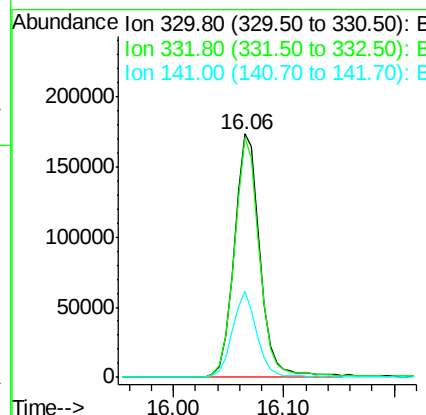
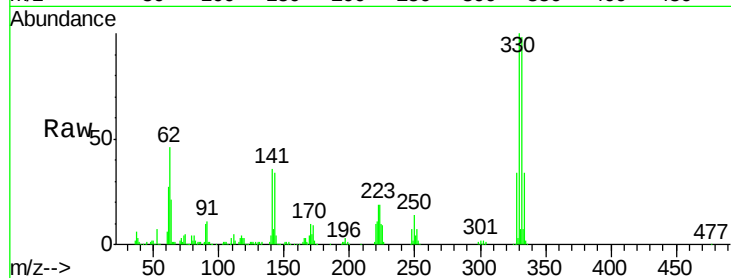




#42
 2,4,6-Tribromophenol
 Concen: 119.976 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045811.D
 Acq: 19 Jun 2020 12:06

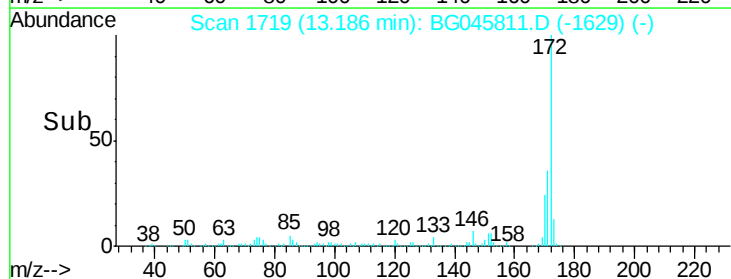
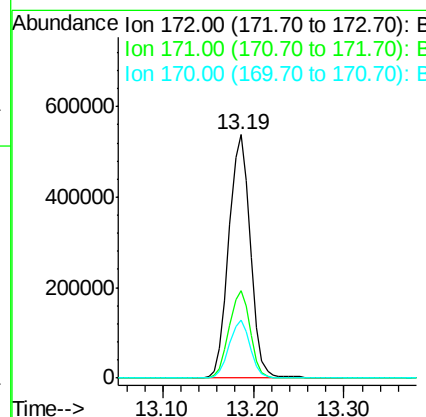
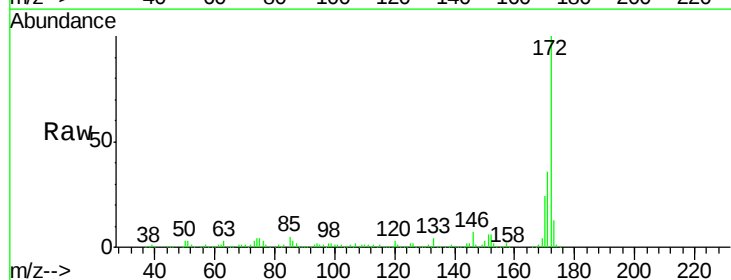
Instrument :
 BNA_G
 ClientSampleId :
 PB129631BL

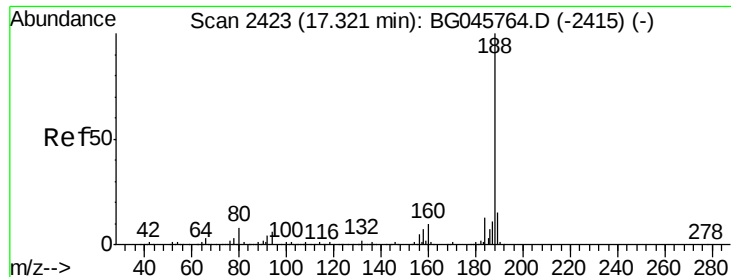
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.6	117.8
141	34.3	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 83.688 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045811.D
 Acq: 19 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.0	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045811.D

Acq: 19 Jun 2020 12:06

Instrument :

BNA_G

ClientSampleId :

PB129631BL

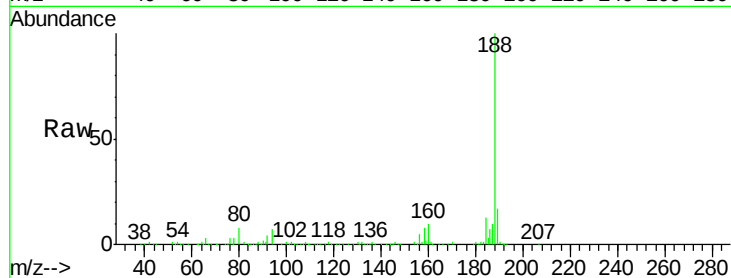
Tot Ion:188 Resp: 364965

Ion Ratio Lower Upper

188 100

94 7.2 5.1 7.7

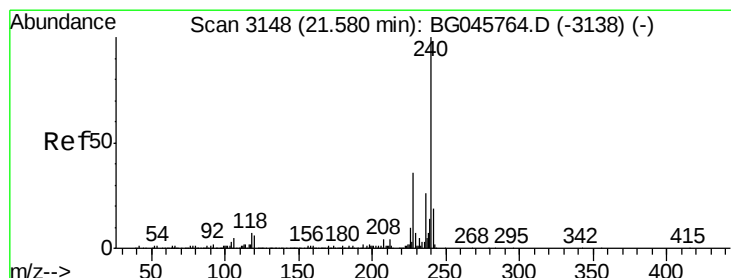
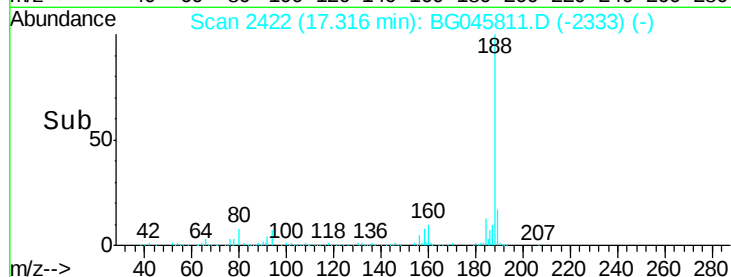
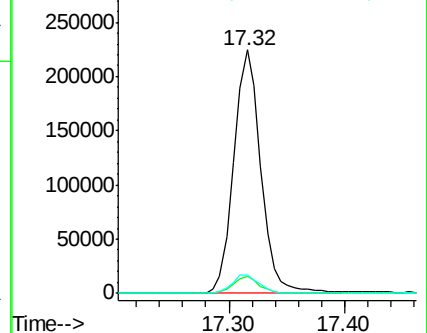
80 7.6 6.2 9.4



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# 3147

Delta R.T. -0.01 min

Lab File: BG045811.D

Acq: 19 Jun 2020 12:06

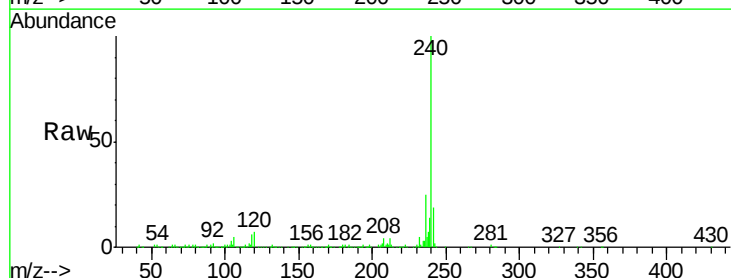
Tgt Ion:240 Resp: 385967

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

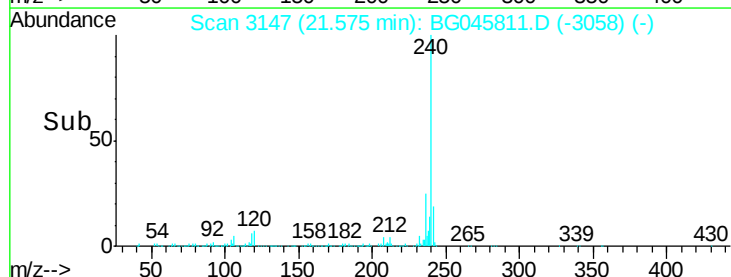
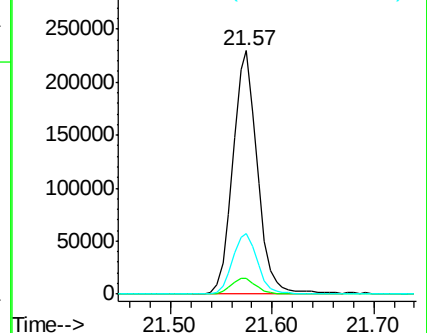
236 24.8 20.6 30.8

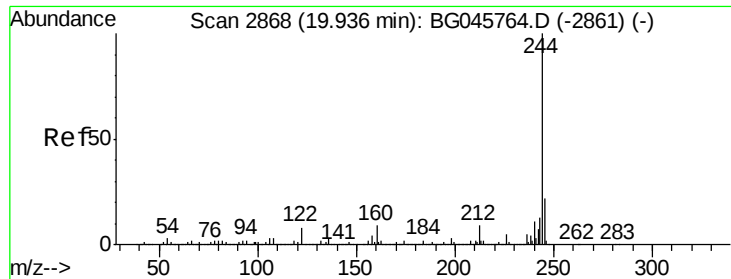


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.674 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045811.D

Acq: 19 Jun 2020 12:06

Instrument :

BNA_G

ClientSampleId :

PB129631BL

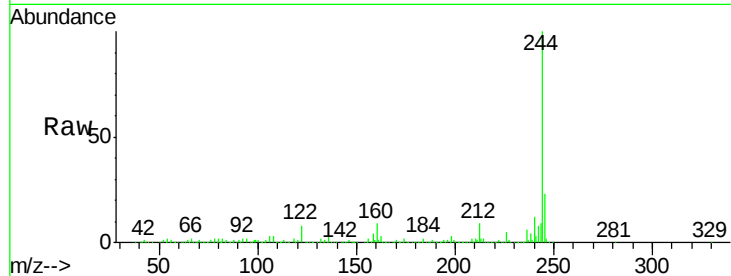
Tot Ion:244 Resp: 1707855

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

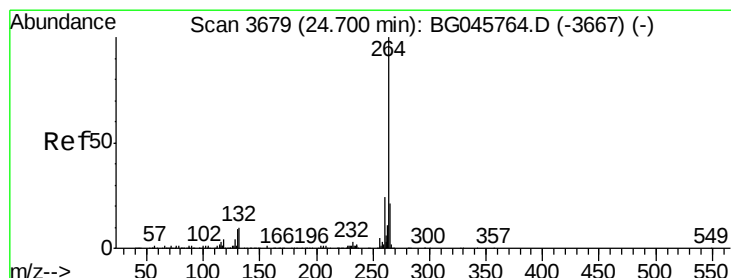
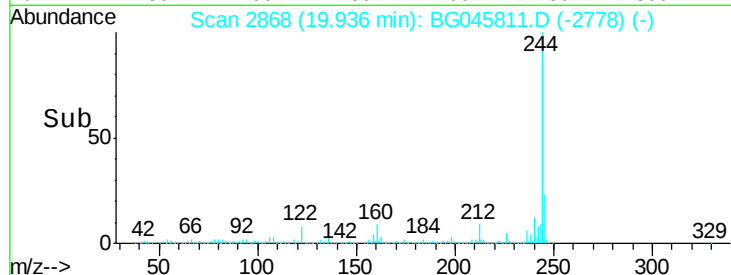
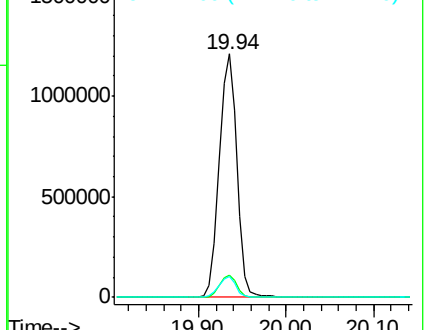
122 8.4 6.4 9.6



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: BG045811.D

Acq: 19 Jun 2020 12:06

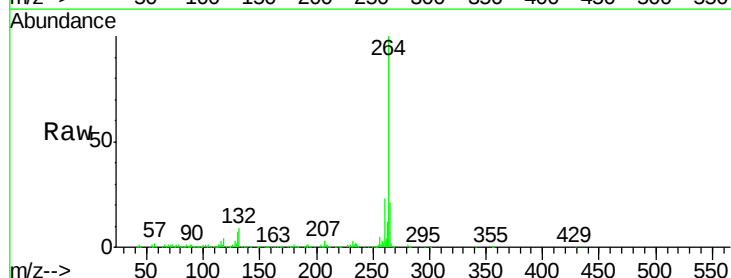
Tgt Ion:264 Resp: 403783

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 20.8 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

