

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
 Data File : BG045877.D
 Acq On : 29 Jun 2020 15:35
 Operator : CG/JU
 Sample : PB129825BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BL

Quant Time: Jun 29 17:19:48 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	44855	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	174158	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	125420	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	298633	20.00	ng	0.00
76) Chrysene-d12	21.57	240	316697	20.00	ng	0.00
86) Perylene-d12	24.70	264	313998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	339804	127.97	ng	0.00
7) Phenol-d6	7.13	99	497543	123.18	ng	0.00
23) Nitrobenzene-d5	9.08	82	355017	93.12	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	267220	141.12	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	835663	97.92	ng	0.00
79) Terphenyl-d14	19.94	244	1630580	104.34	ng	0.00

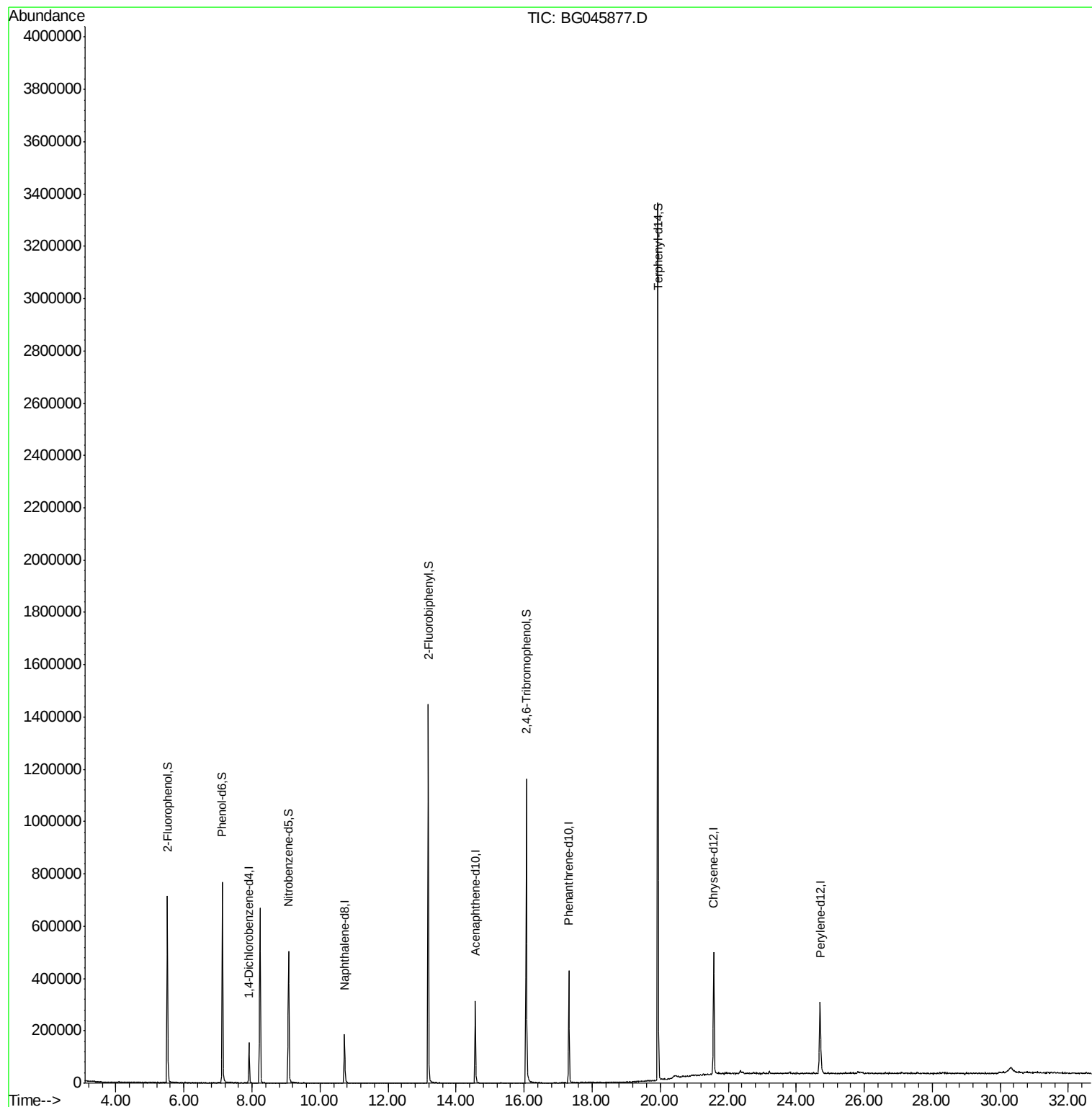
Target Compounds Qvalue

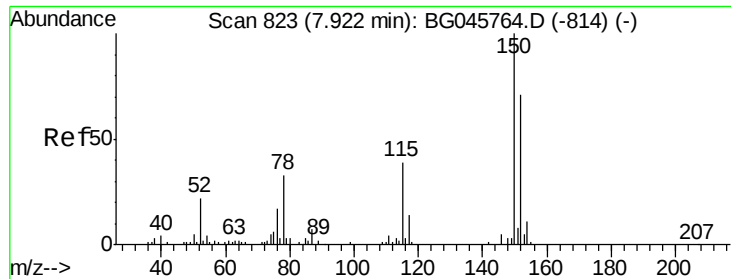
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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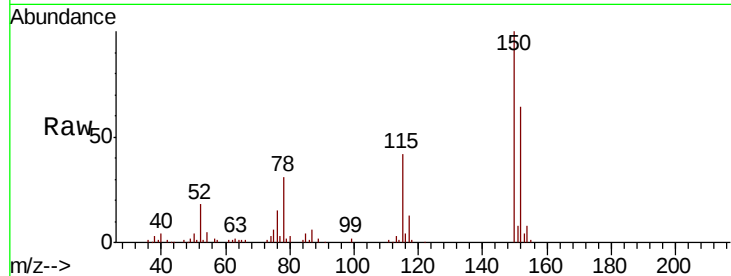


#1

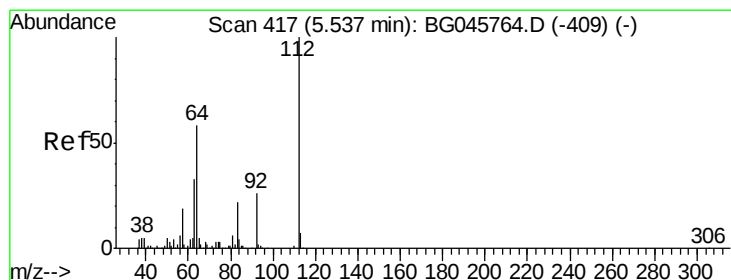
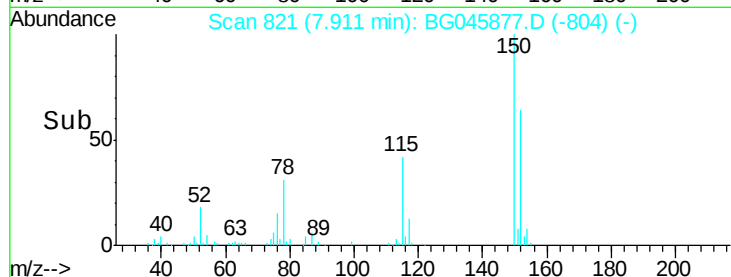
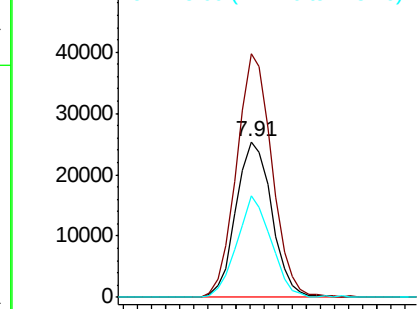
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Instrument :
BNA_G
ClientSampleId :
PB129825BL

Tot Ion:152 Resp: 44855
Ion Ratio Lower Upper
152 100
150 156.5 113.1 169.7
115 65.6 43.8 65.6



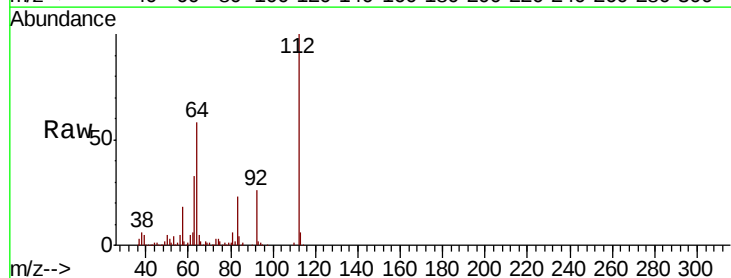
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



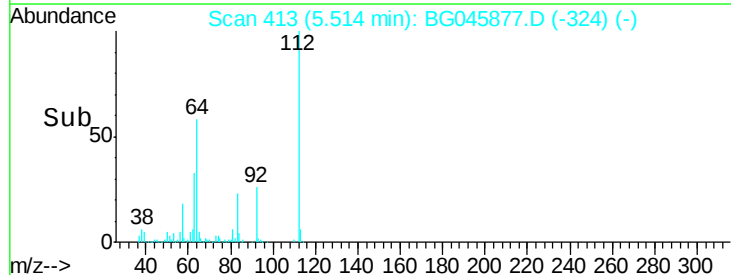
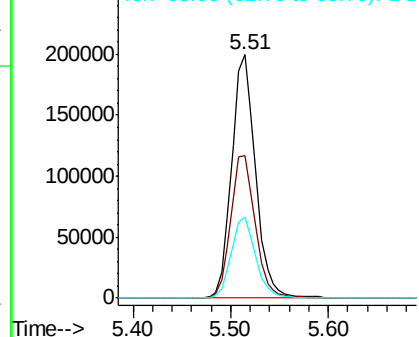
#5

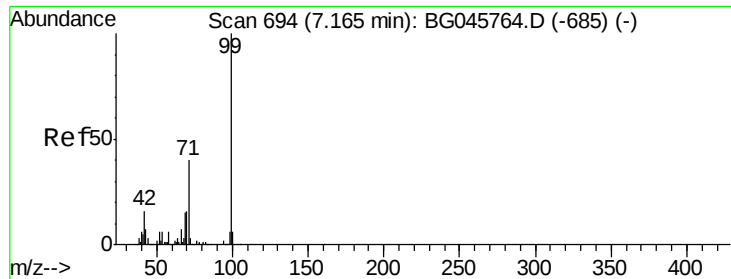
2-Fluorophenol
Concen: 127.970 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:112 Resp: 339804
Ion Ratio Lower Upper
112 100
64 58.5 46.6 69.8
63 33.1 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: 123.184 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045877.D

Acq: 29 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

PB129825BL

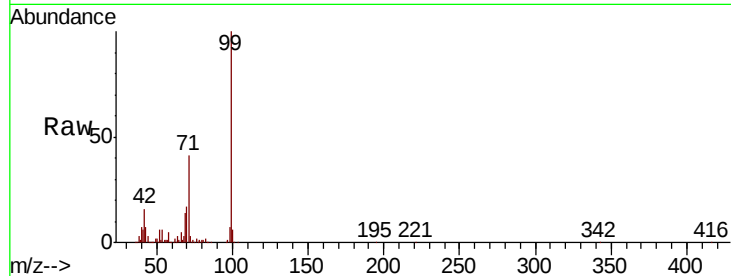
Tot Ion: 99 Resp: 497543

Ion Ratio Lower Upper

99 100

42 15.7 12.4 18.6

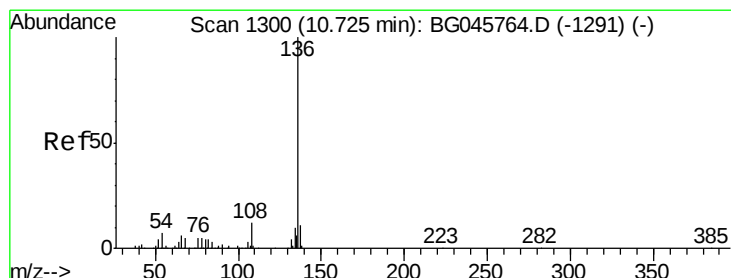
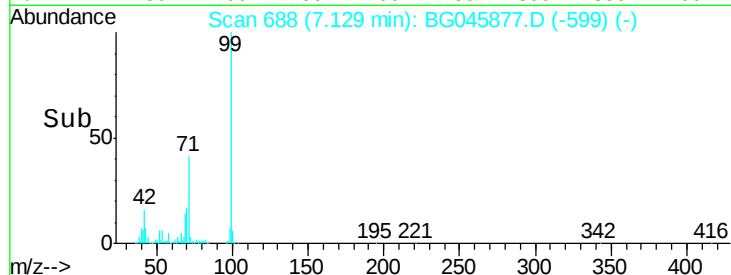
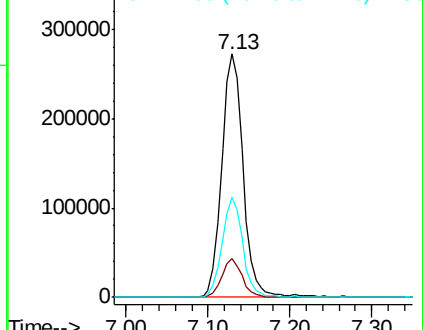
71 41.3 32.1 48.1



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: BG045877.D

Acq: 29 Jun 2020 15:35

Tgt Ion: 136 Resp: 174158

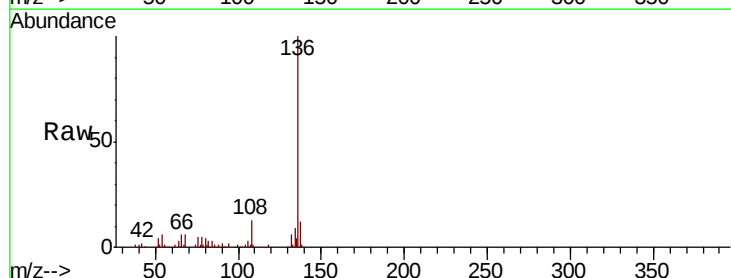
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 5.7 5.8 8.6#

68 6.1 4.0 6.0#

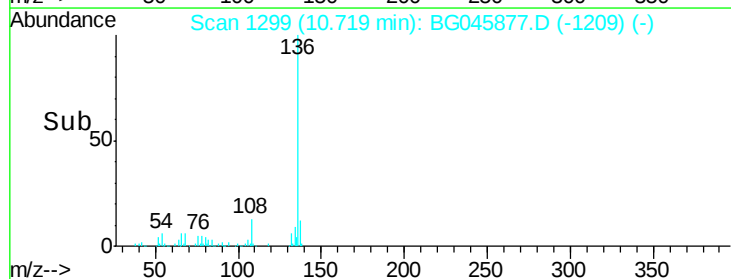
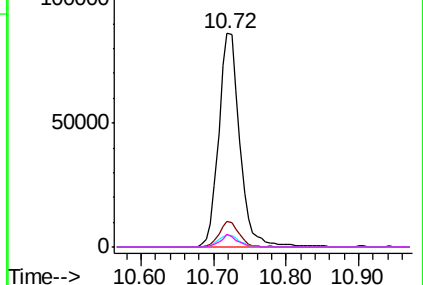


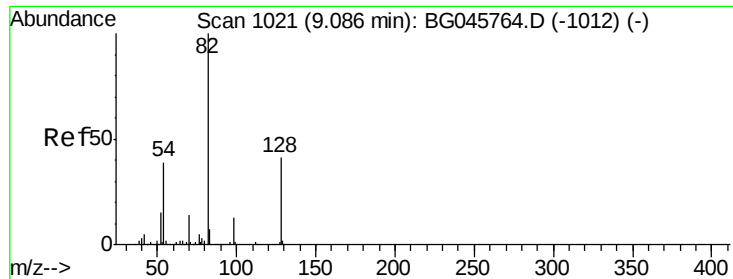
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

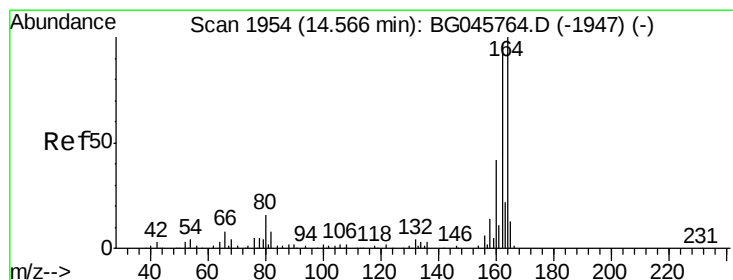
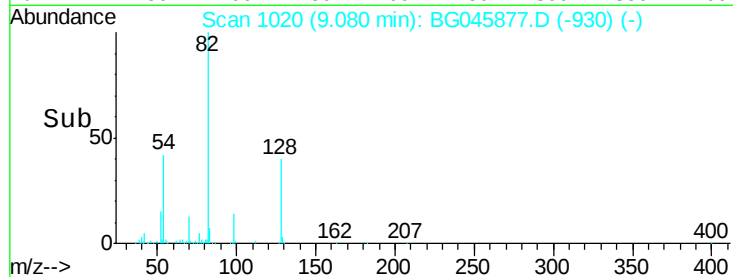
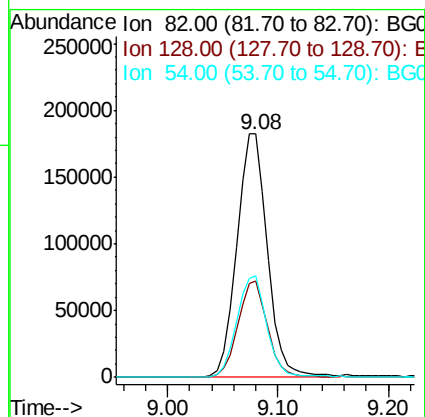
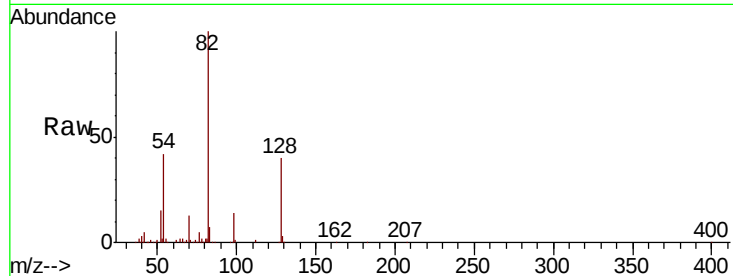




#23
 Nitrobenzene-d5
 Concen: 93.125 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG045877.D
 Acq: 29 Jun 2020 15:35

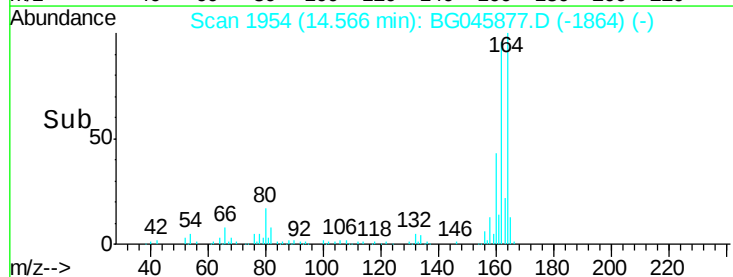
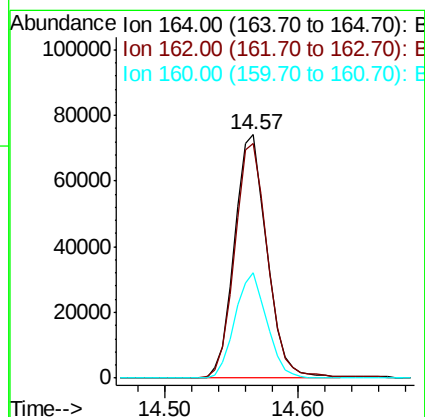
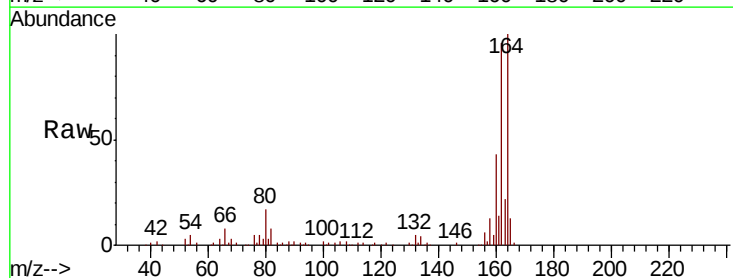
Instrument :
 BNA_G
 ClientSampleId :
 PB129825BL

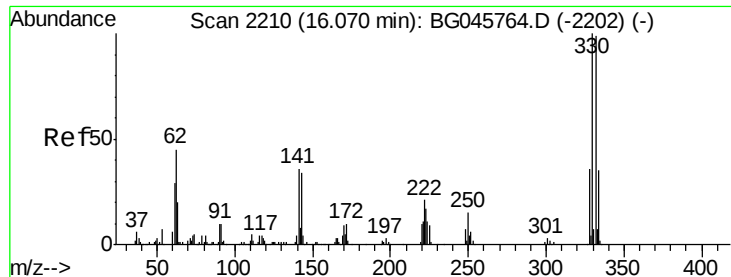
Tot Ion	82	Resp	355017
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.5	48.7
54	41.6	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG045877.D
 Acq: 29 Jun 2020 15:35

Tgt Ion	164	Resp	125420
Ion Ratio	Lower	Upper	
164	100		
162	96.5	77.4	116.0
160	43.4	33.3	49.9

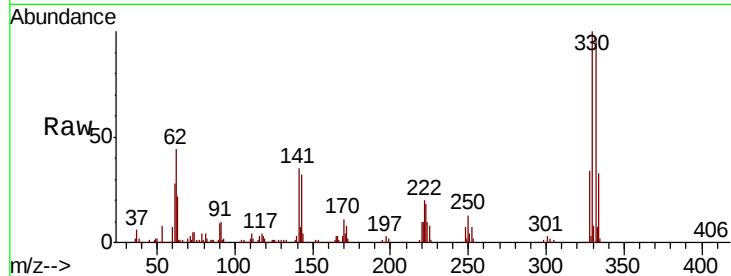




#42
2,4,6-Tribromophenol
Concen: 141.124 ng
RT: 16.06 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Instrument :
BNA_G
ClientSampleId :
PB129825BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.6	117.8
141	35.8	28.2	42.4

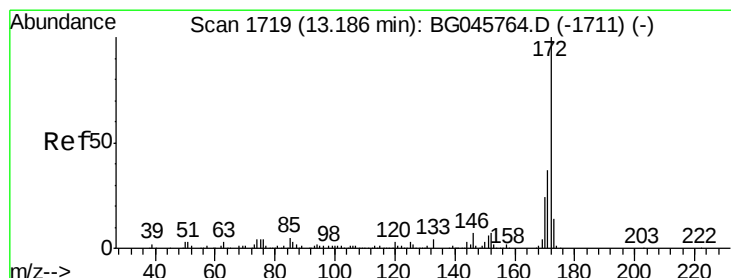
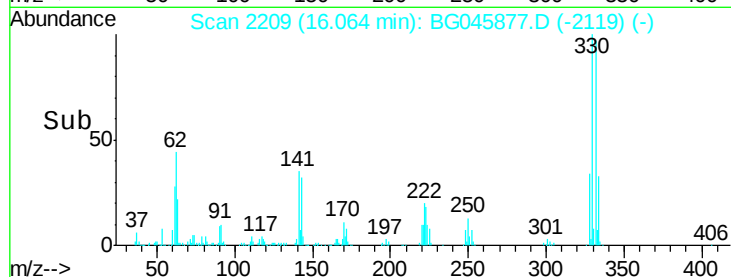
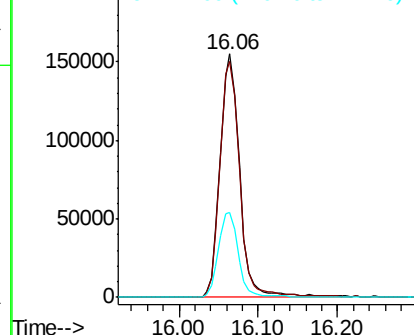


Abundance

Ion 329.80 (329.50 to 330.50): E

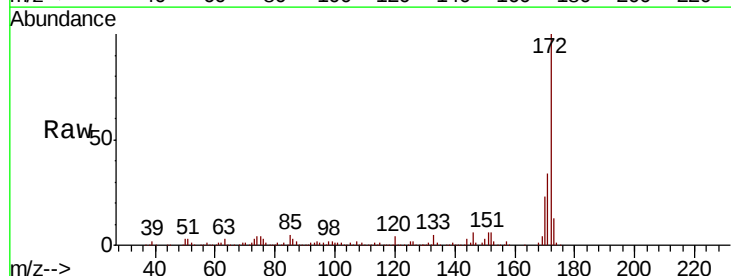
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 97.915 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	22.5	19.3	28.9

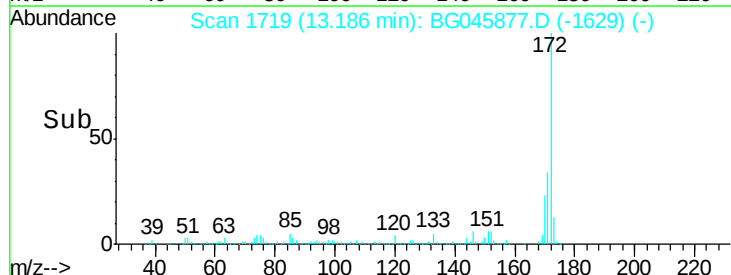
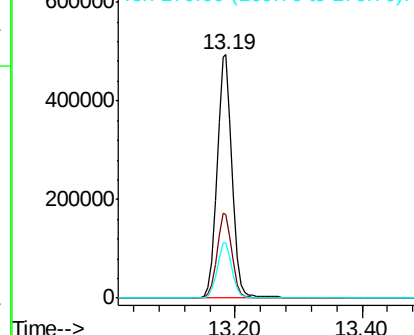


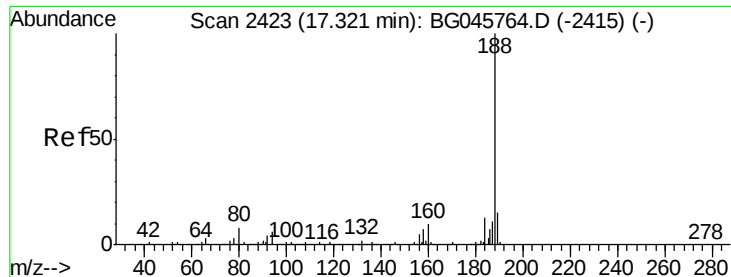
Abundance

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. 0.00 min

Lab File: BG045877.D

Acq: 29 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

PB129825BL

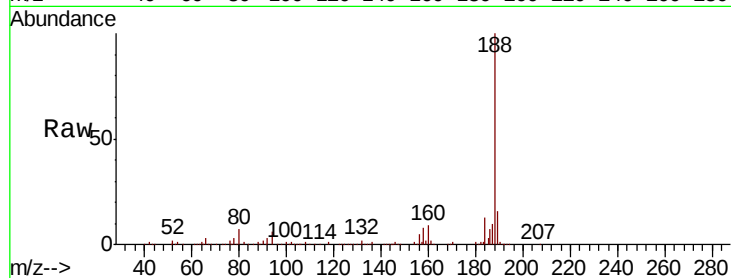
Tot Ion:188 Resp: 298633

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

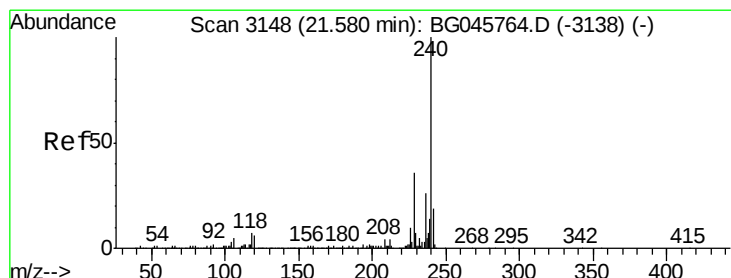
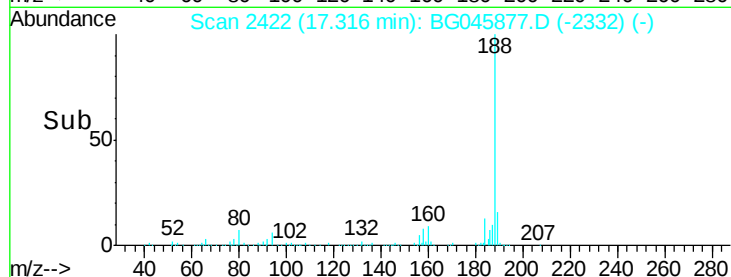
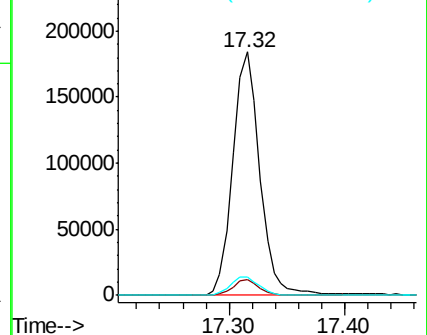
80 7.5 6.2 9.4



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. 0.00 min

Lab File: BG045877.D

Acq: 29 Jun 2020 15:35

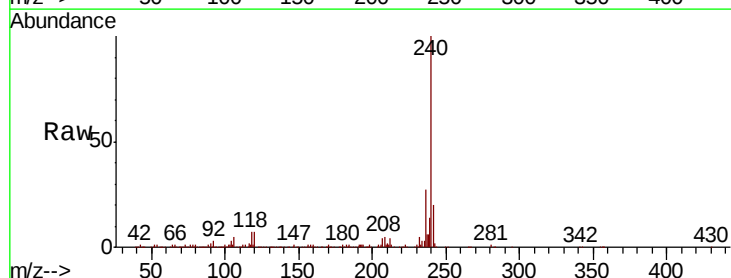
Tgt Ion:240 Resp: 316697

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

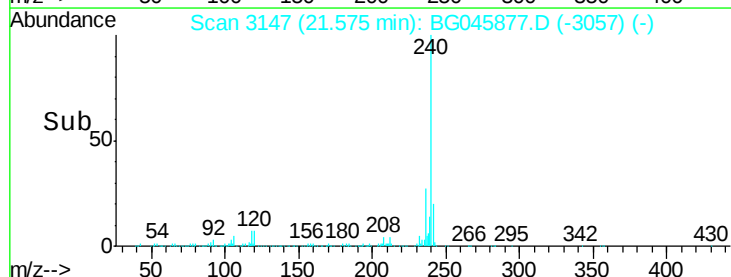
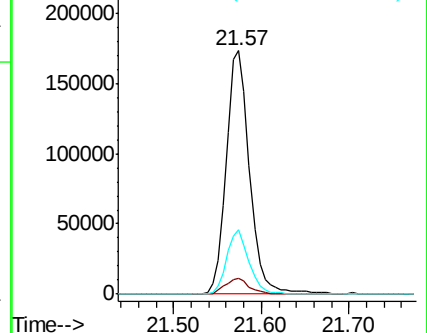
236 26.5 20.6 30.8

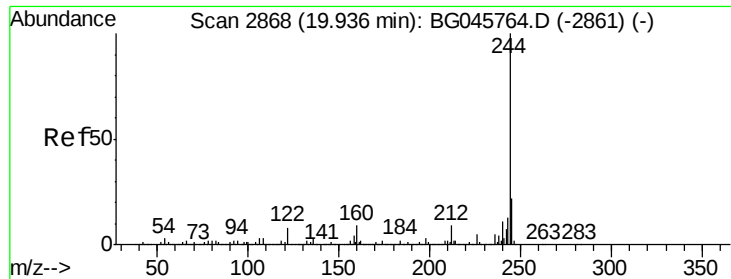


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.343 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045877.D

Acq: 29 Jun 2020 15:35

Instrument :

BNA_G

ClientSampleId :

PB129825BL

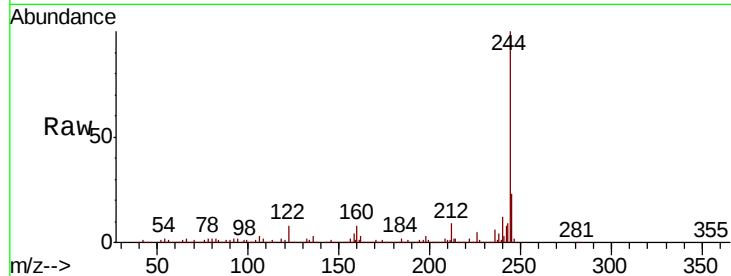
Tot Ion:244 Resp: 1630580

Ion Ratio Lower Upper

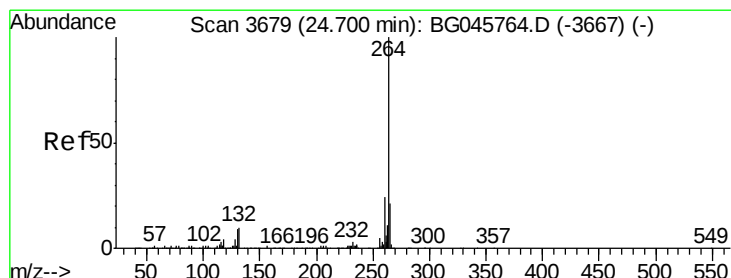
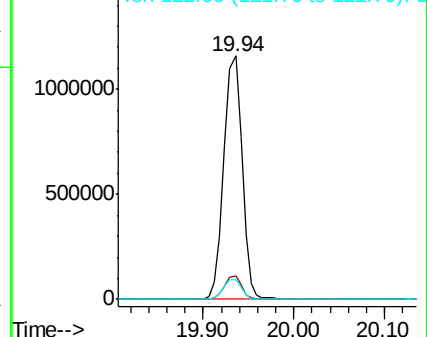
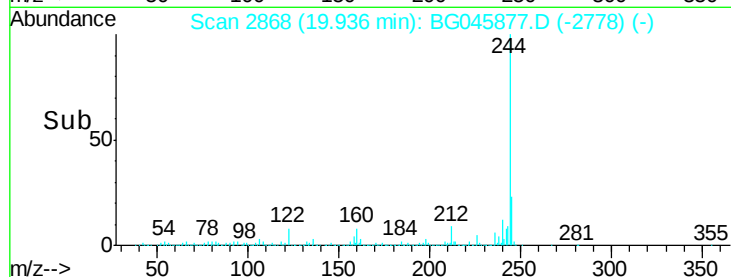
244 100

212 9.4 7.2 10.8

122 8.2 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: BG045877.D

Acq: 29 Jun 2020 15:35

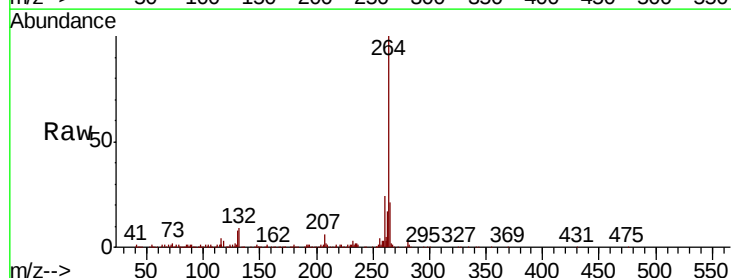
Tgt Ion:264 Resp: 313998

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.7 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

