

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045772.D
 Acq On : 16 Jun 2020 12:12
 Operator : CG/JU
 Sample : PB129506BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129506BL

Quant Time: Jun 16 13:39:10 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 17:36:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51403	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	204806	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	148664	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	347768	20.00	ng	0.00
76) Chrysene-d12	21.58	240	368637	20.00	ng	0.00
86) Perylene-d12	24.71	264	381425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	367650	120.82	ng	0.00
7) Phenol-d6	7.17	99	511412	110.49	ng	0.00
23) Nitrobenzene-d5	9.09	82	364397	81.28	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	258745	115.28	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	850610	84.08	ng	0.00
79) Terphenyl-d14	19.94	244	1600529	87.99	ng	0.00

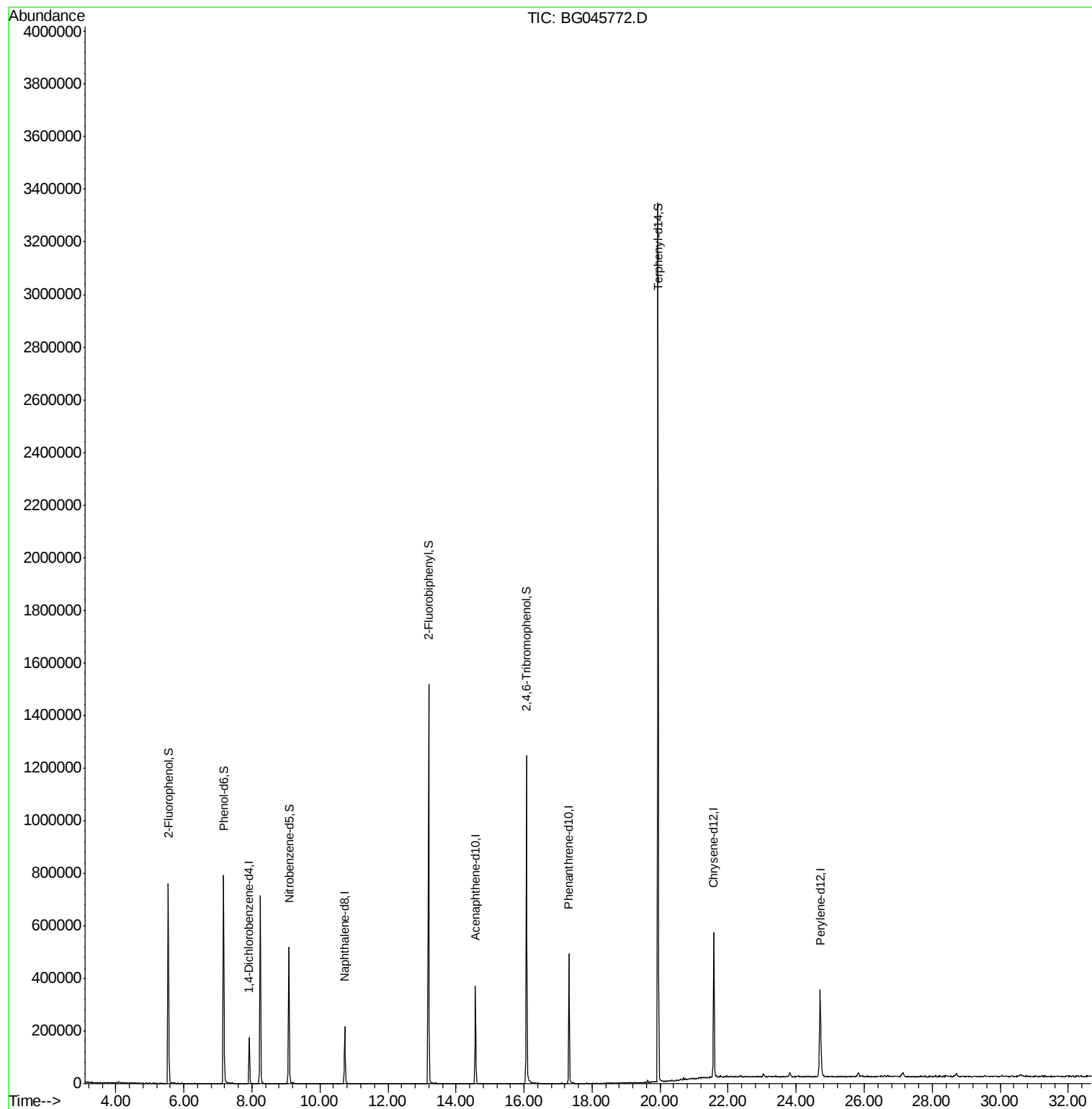
Target Compounds Qvalue

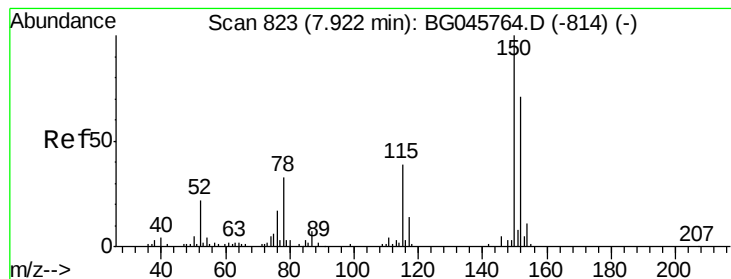
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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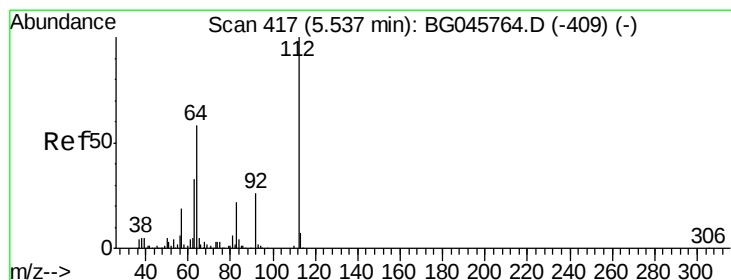
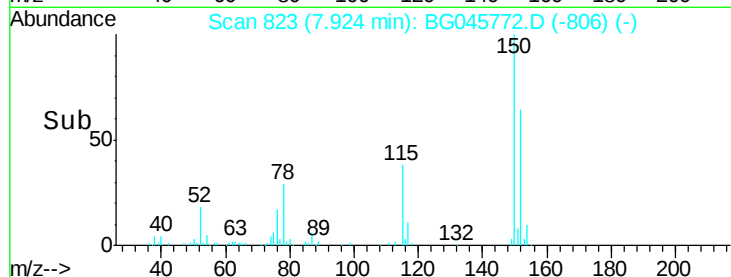
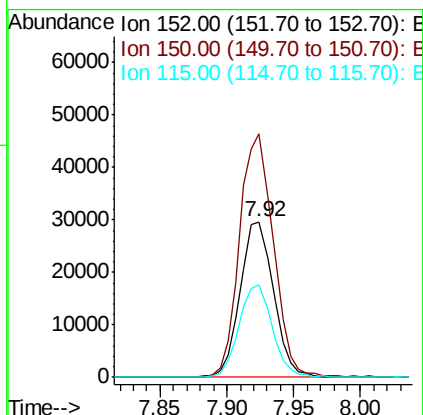
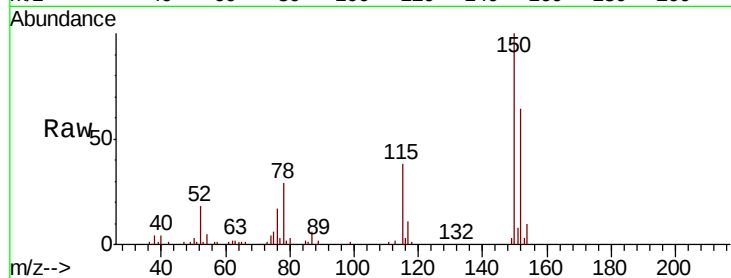


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045772.D
Acq: 16 Jun 2020 12:12

Instrument :
BNA_G
ClientSampleId :
PB129506BL

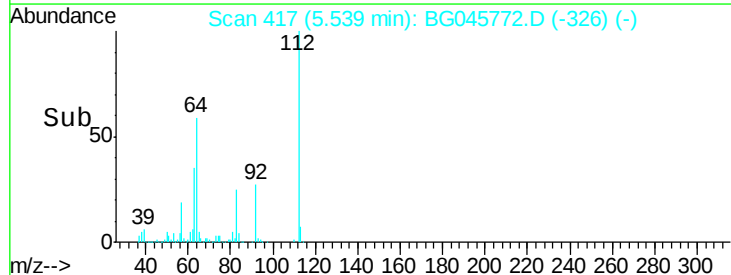
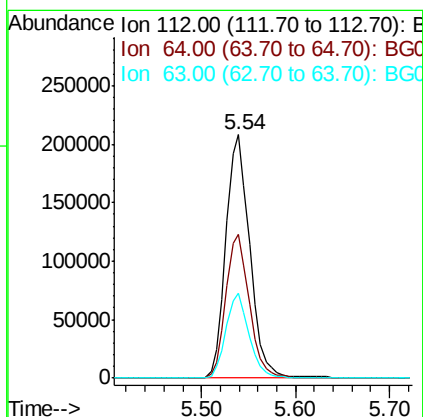
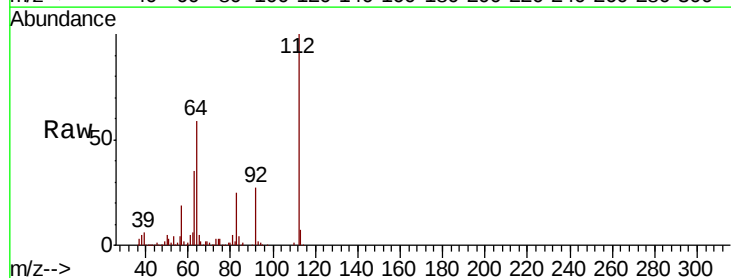
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	113.1	169.7
115	59.4	43.8	65.6

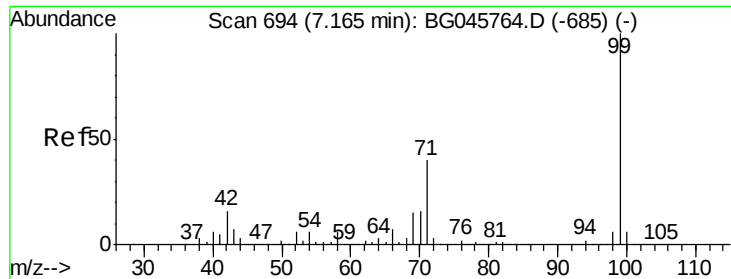


#5

2-Fluorophenol
Concen: 120.819 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045772.D
Acq: 16 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.6	69.8
63	34.8	26.3	39.5





#7

Phenol-d6

Concen: 110.489 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045772.D

Acq: 16 Jun 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129506BL

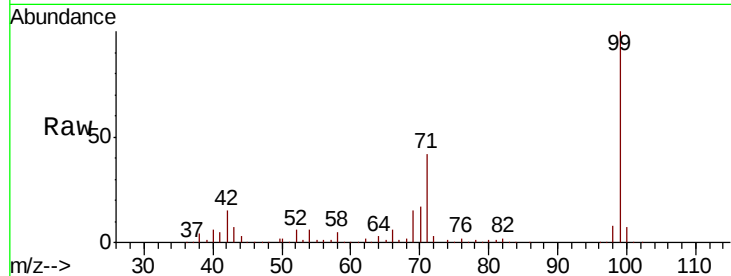
Tot Ion: 99 Resp: 511412

Ion Ratio Lower Upper

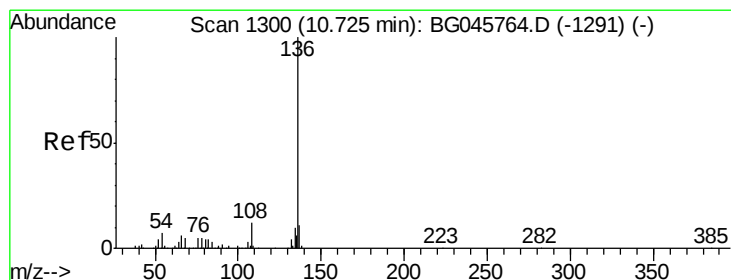
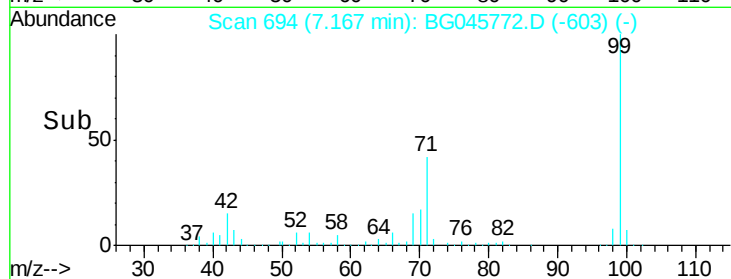
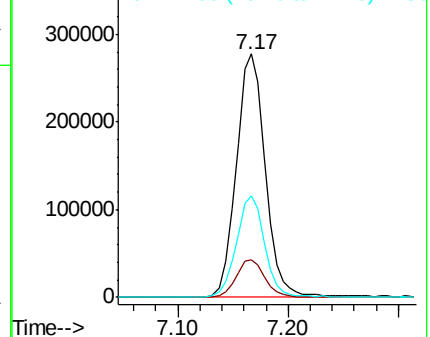
99 100

42 15.3 12.4 18.6

71 41.7 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# 1301

Delta R.T. 0.01 min

Lab File: BG045772.D

Acq: 16 Jun 2020 12:12

Tgt Ion: 136 Resp: 204806

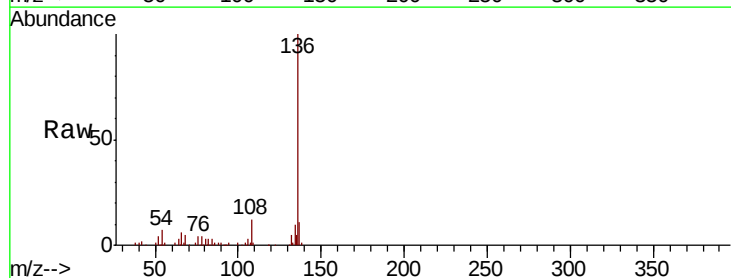
Ion Ratio Lower Upper

136 100

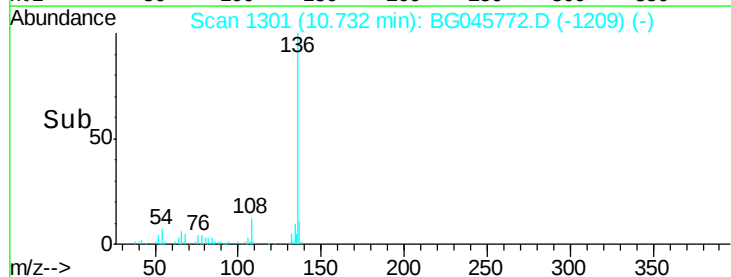
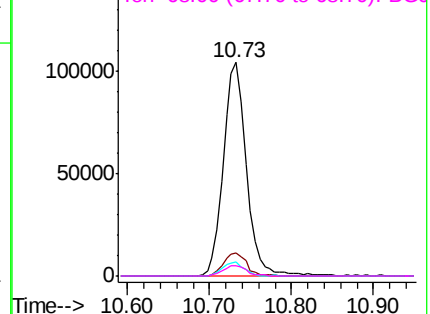
137 10.8 8.7 13.1

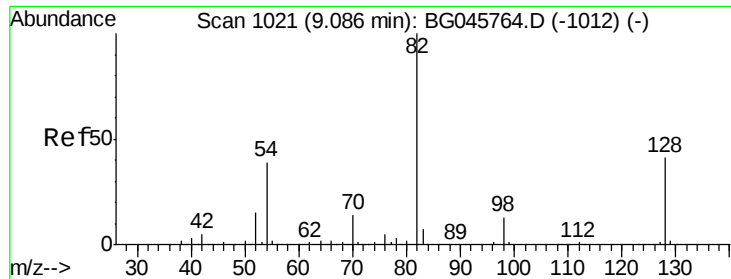
54 6.6 5.8 8.6

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

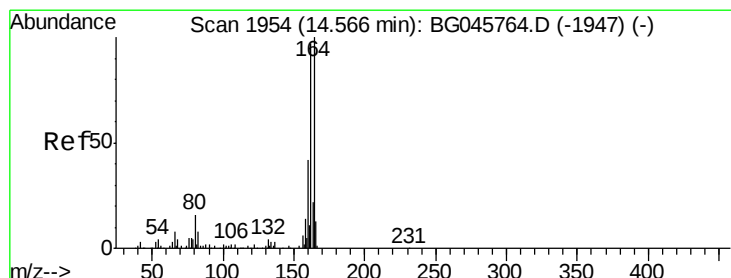
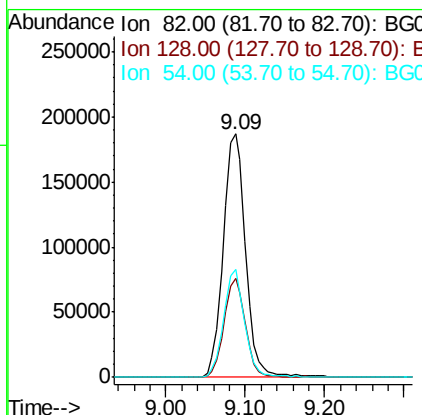
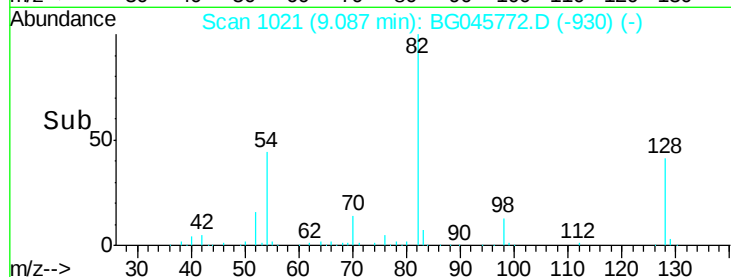
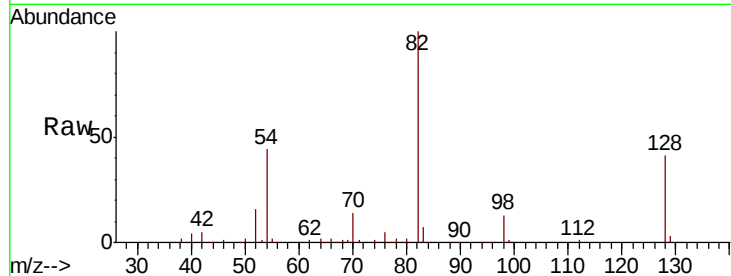




#23
 Nitrobenzene-d5
 Concen: 81.281 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045772.D
 Acq: 16 Jun 2020 12:12

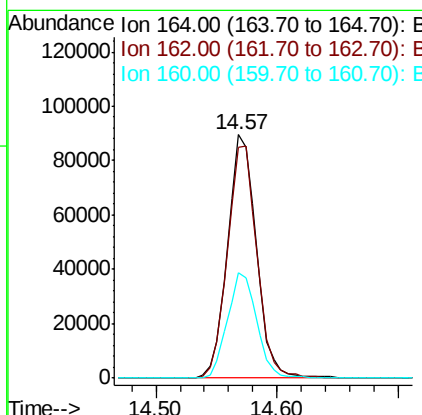
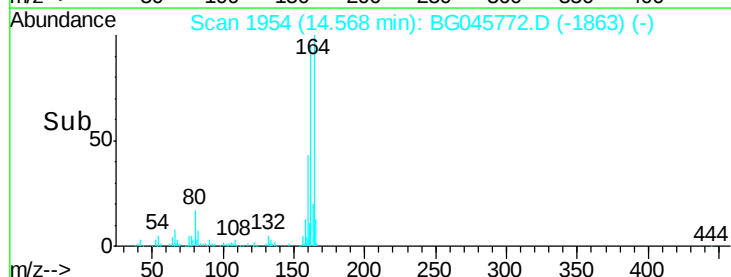
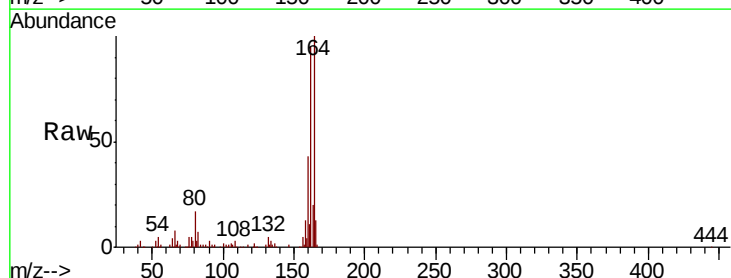
Instrument :
 BNA_G
 ClientSampleID :
 PB129506BL

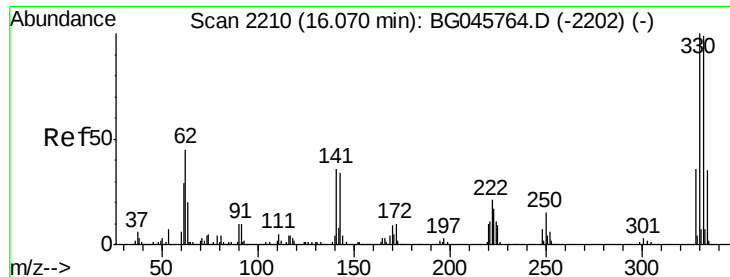
Tot Ion	82	Resp	364397
Ion Ratio	100	Lower	Upper
128	40.8	32.5	48.7
54	44.1	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG045772.D
 Acq: 16 Jun 2020 12:12

Tgt Ion	164	Resp	148664
Ion Ratio	100	Lower	Upper
162	94.5	77.4	116.0
160	43.3	33.3	49.9

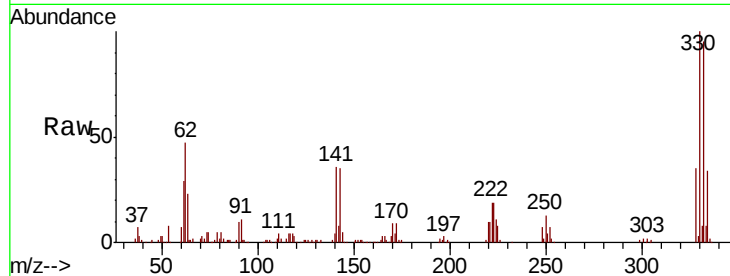




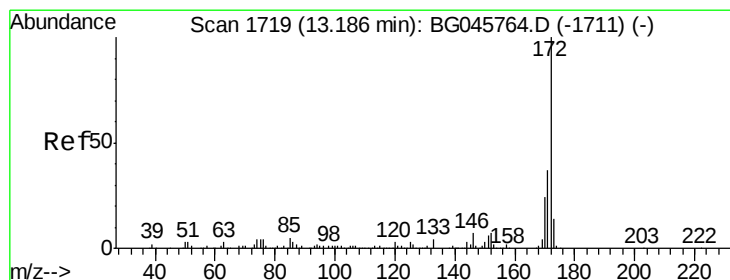
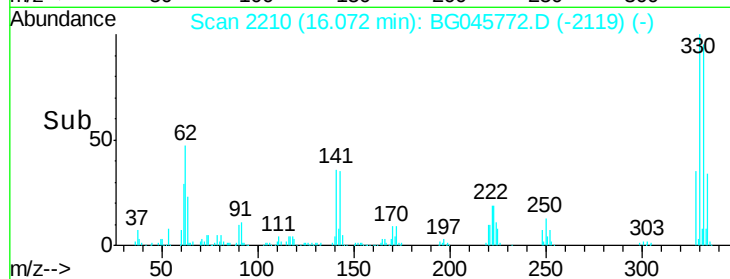
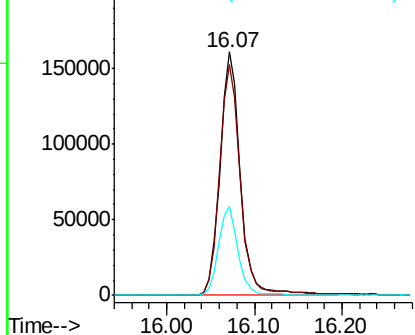
#42
 2,4,6-Tribromophenol
 Concen: 115.283 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG045772.D
 Acq: 16 Jun 2020 12:12

Instrument :
 BNA_G
 ClientSampleId :
 PB129506BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	35.3	28.2	42.4

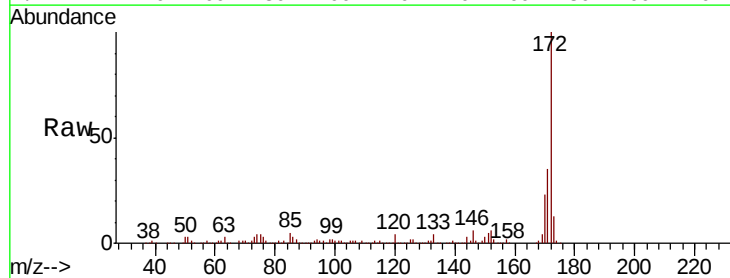


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

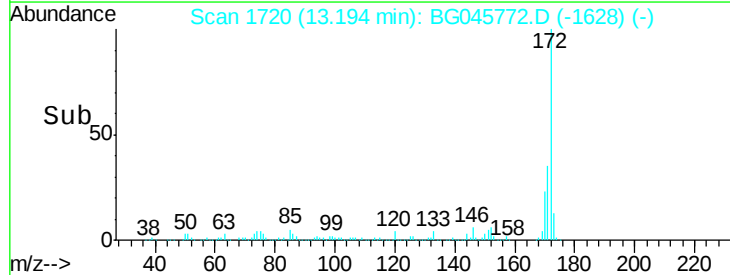
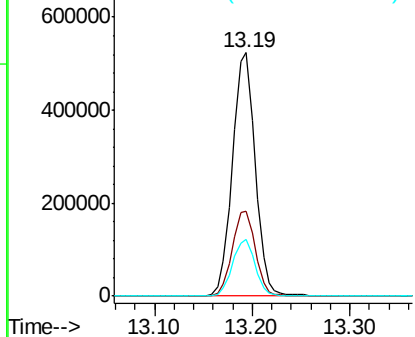


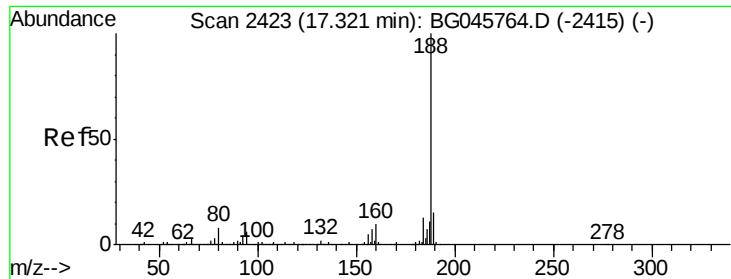
#45
 2-Fluorobiphenyl
 Concen: 84.084 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG045772.D
 Acq: 16 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.2	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: BG045772.D

Acq: 16 Jun 2020 12:12

Instrument :

BNA_G

ClientSampled :

PB129506BL

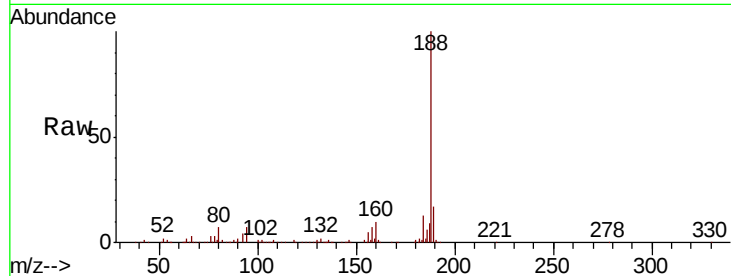
Tot Ion:188 Resp: 347768

Ion Ratio Lower Upper

188 100

94 7.1 5.1 7.7

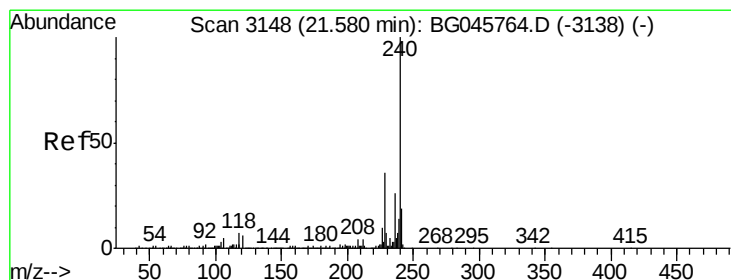
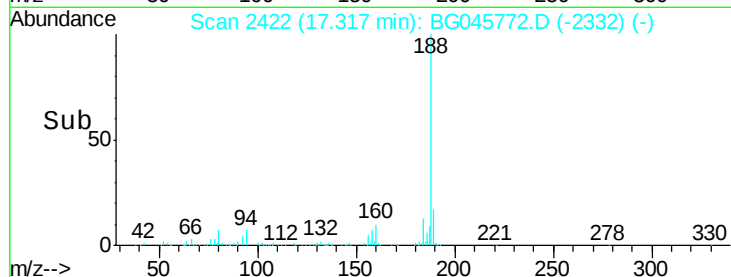
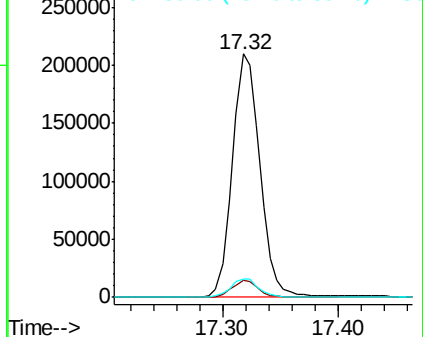
80 7.4 6.2 9.4



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: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045772.D

Acq: 16 Jun 2020 12:12

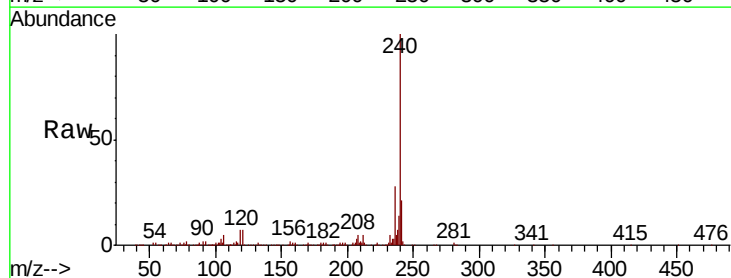
Tgt Ion:240 Resp: 368637

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.4

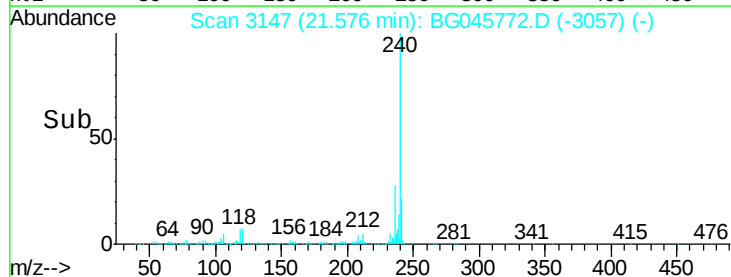
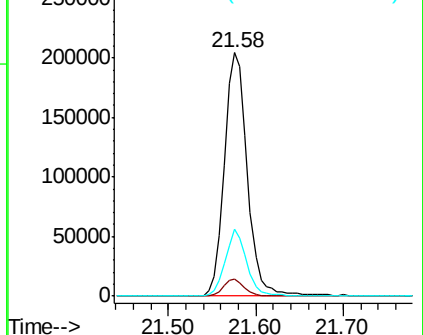
236 27.7 20.6 30.8

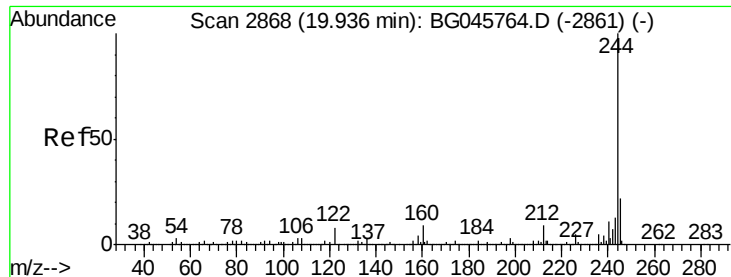


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.990 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045772.D

Acq: 16 Jun 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129506BL

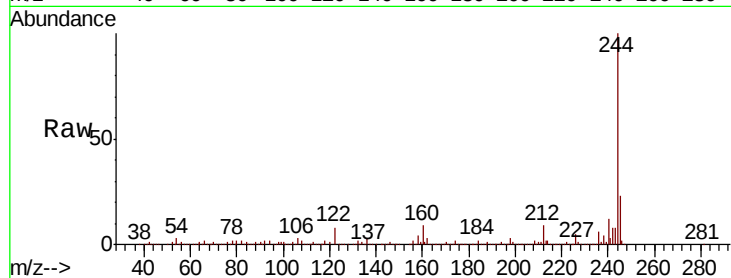
Tot Ion:244 Resp: 1600529

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

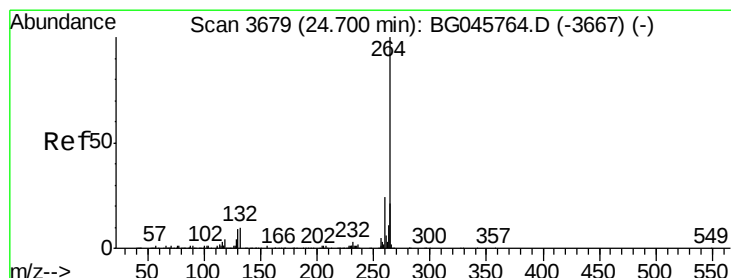
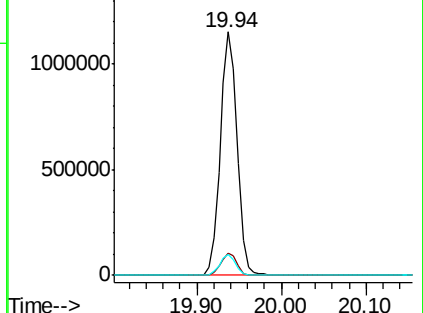
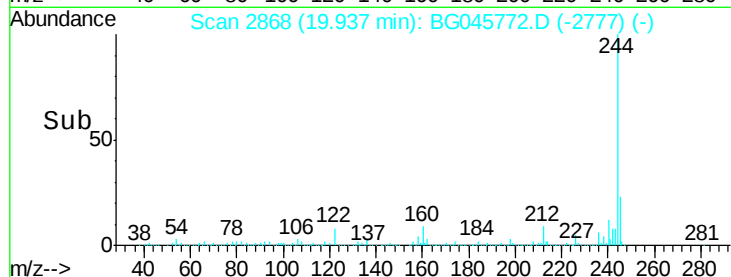
122 8.4 6.4 9.6



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: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045772.D

Acq: 16 Jun 2020 12:12

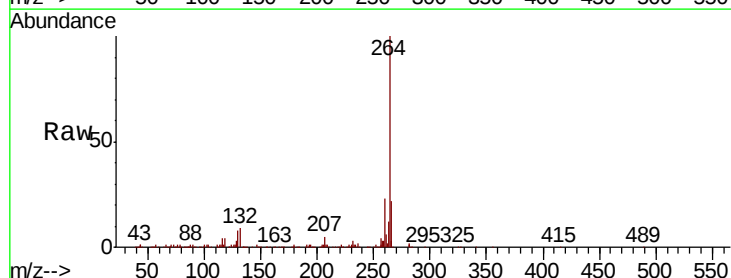
Tgt Ion:264 Resp: 381425

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 22.3 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

