

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
 Data File : BG045822.D
 Acq On : 22 Jun 2020 11:00
 Operator : CG/JU
 Sample : PB129622BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Quant Time: Jun 22 11:41:51 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	7.91	152	51557	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	205447	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	145852	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	337238	20.00	ng	0.00
76) Chrysene-d12	21.57	240	358672	20.00	ng	0.00
86) Perylene-d12	24.70	264	372419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	390154	127.83	ng	-0.01
7) Phenol-d6	7.14	99	550131	118.50	ng	-0.02
23) Nitrobenzene-d5	9.08	82	385688	85.76	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	273305	124.12	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	876525	88.32	ng	0.00
79) Terphenyl-d14	19.94	244	1617224	91.38	ng	0.00

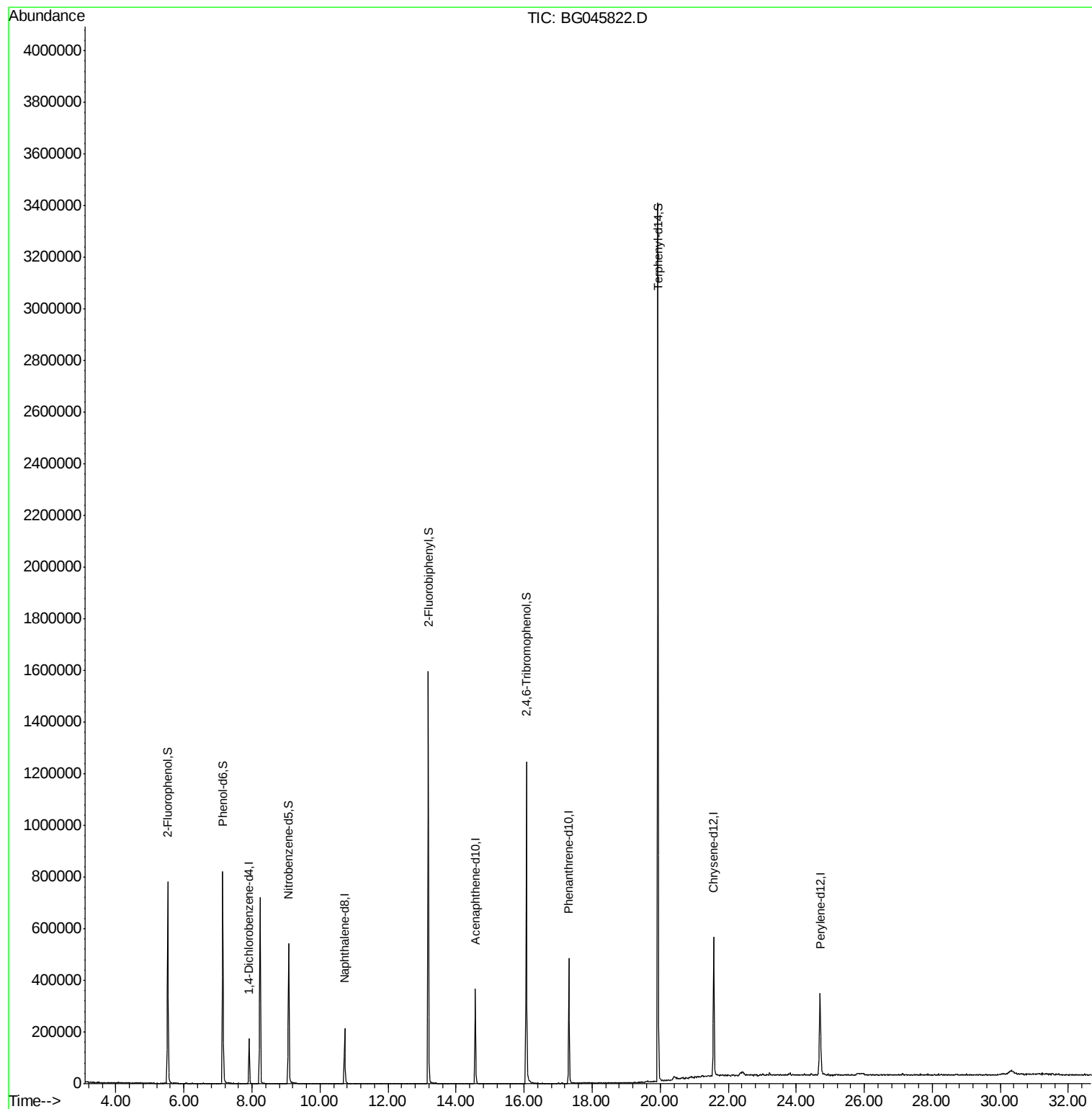
Target Compounds Qvalue

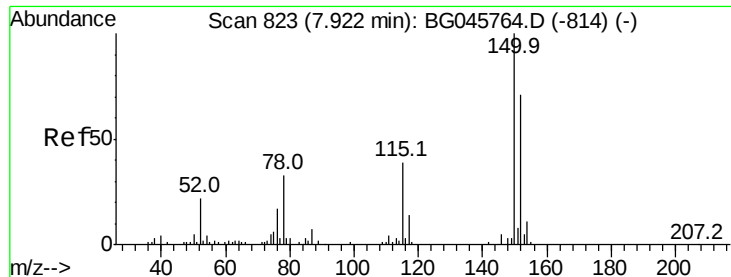
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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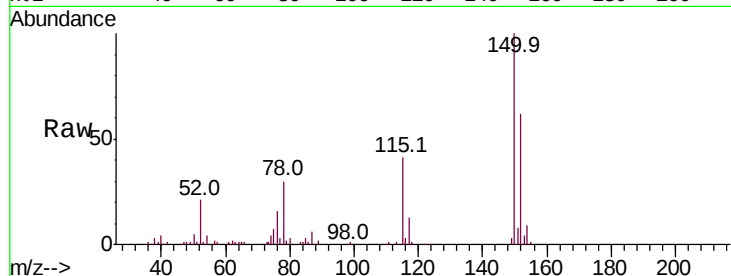


#1

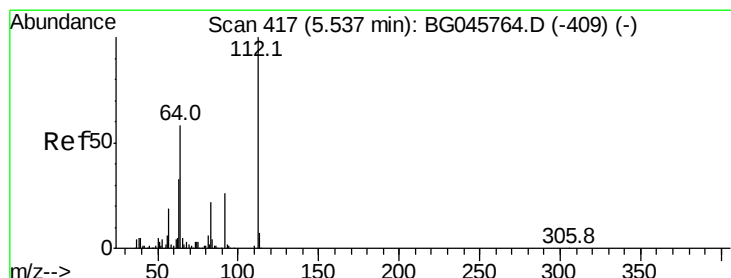
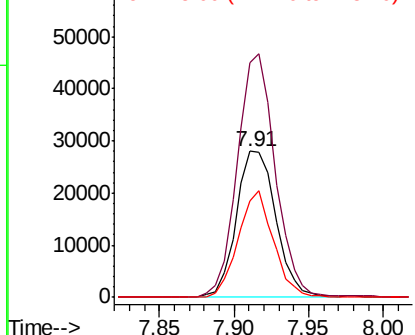
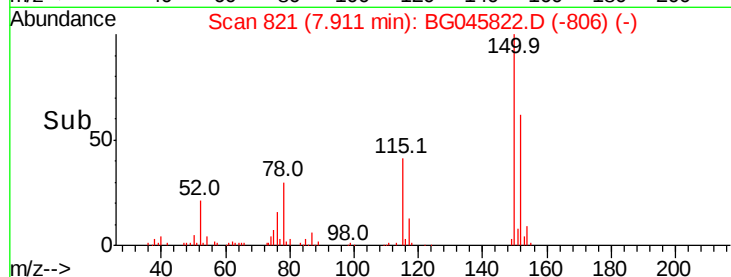
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB129622BL

Tot Ion:152 Resp: 51557
Ion Ratio Lower Upper
152 100
150 160.2 113.1 169.7
115 66.1 43.8 65.6#



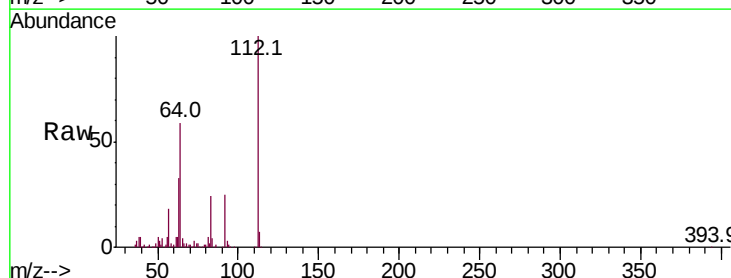
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



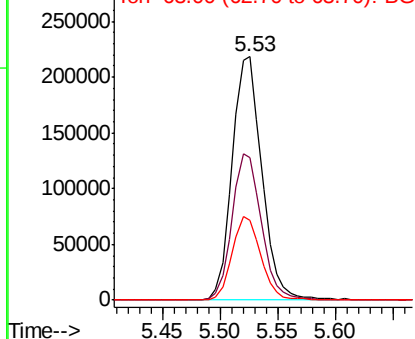
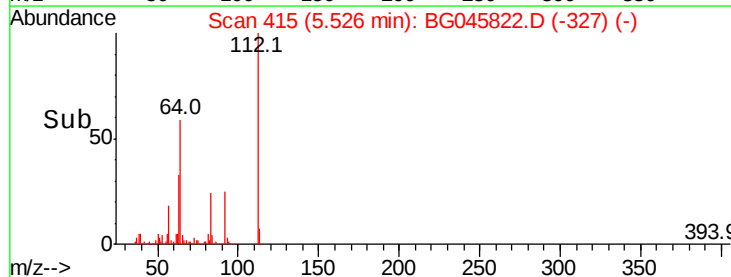
#5

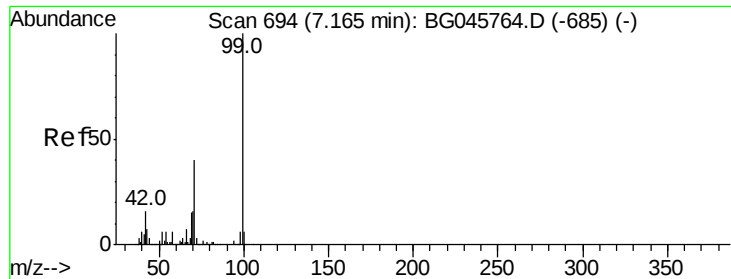
2-Fluorophenol
Concen: 127.832 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

Tgt Ion:112 Resp: 390154
Ion Ratio Lower Upper
112 100
64 58.7 46.6 69.8
63 33.0 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.499 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB129622BL

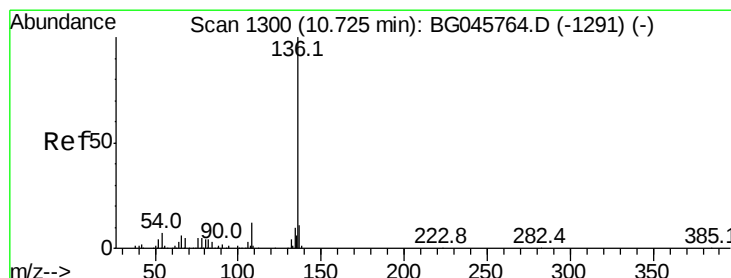
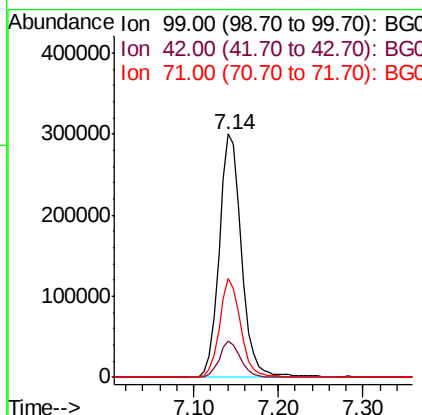
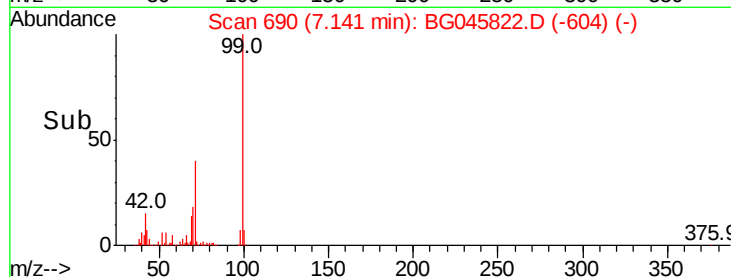
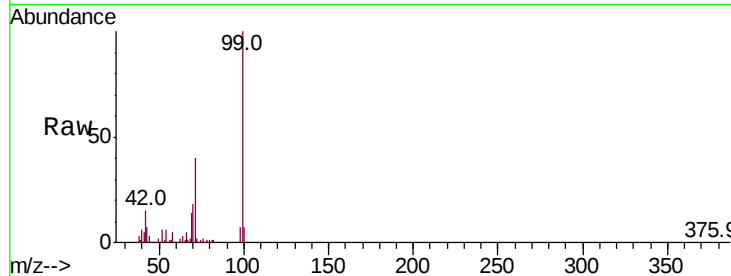
Tot Ion: 99 Resp: 550131

Ion Ratio Lower Upper

99 100

42 14.8 12.4 18.6

71 40.4 32.1 48.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

Tgt Ion: 136 Resp: 205447

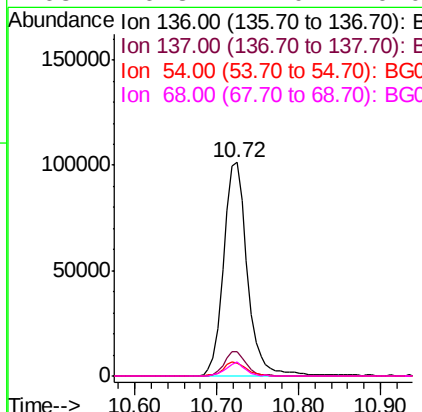
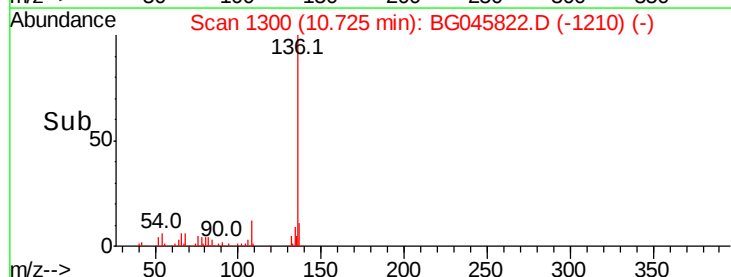
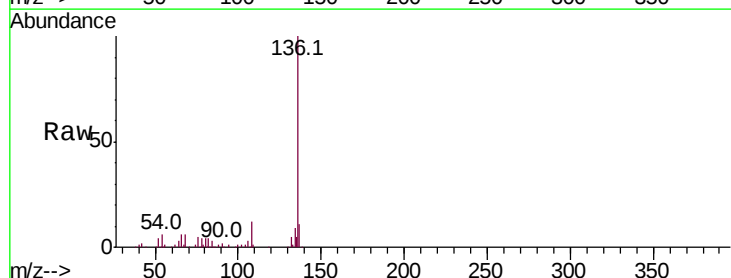
Ion Ratio Lower Upper

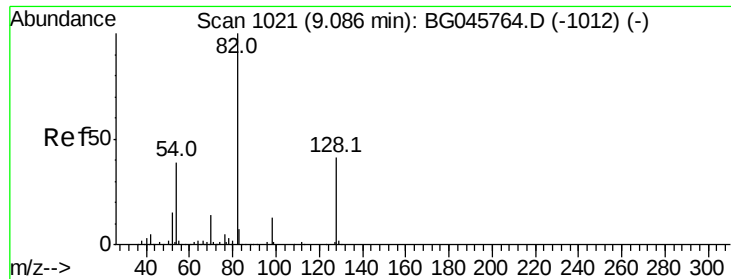
136 100

137 11.3 8.7 13.1

54 6.3 5.8 8.6

68 6.3 4.0 6.0#

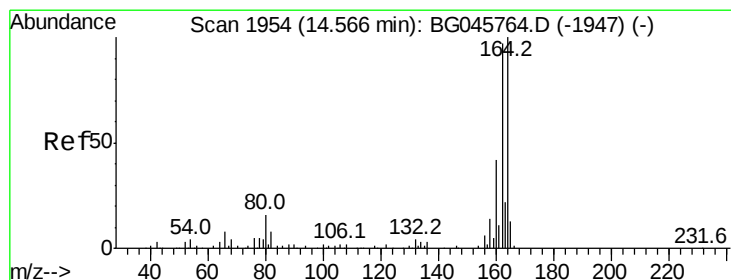
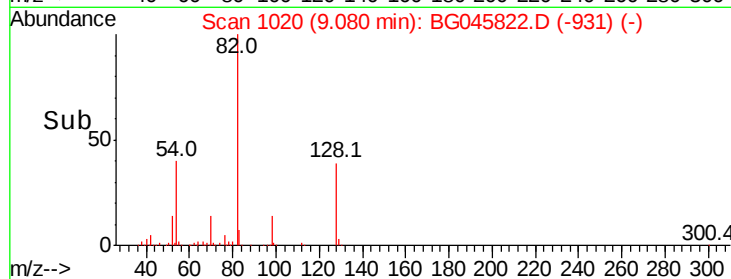
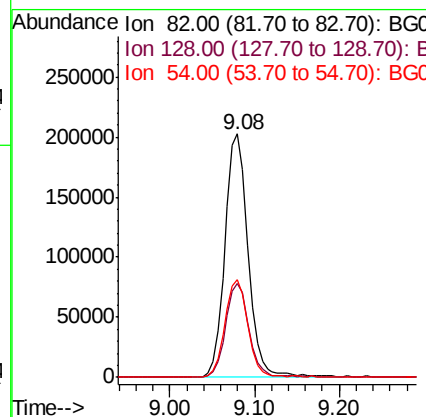
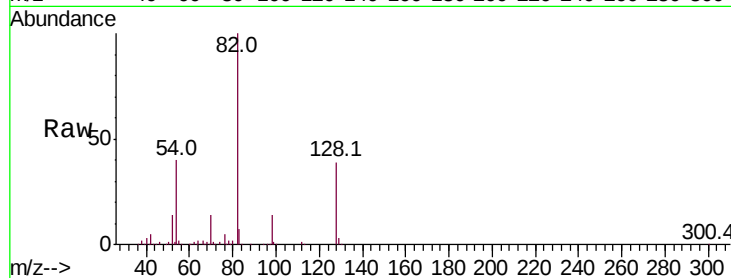




#23
Nitrobenzene-d5
Concen: 85.762 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

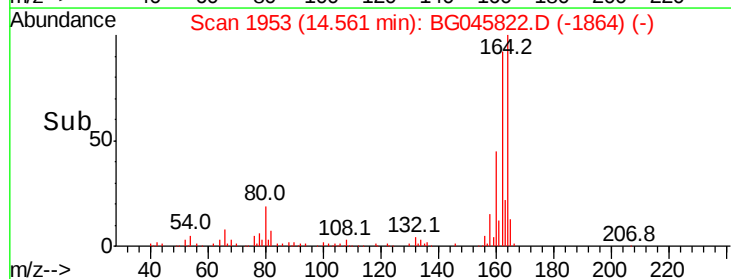
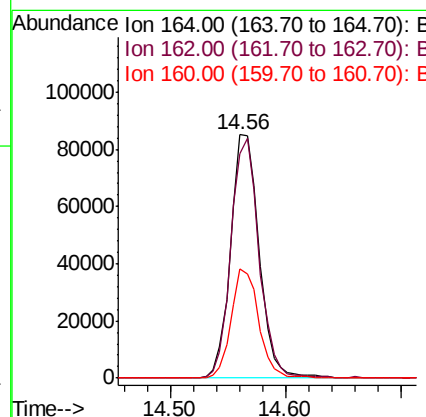
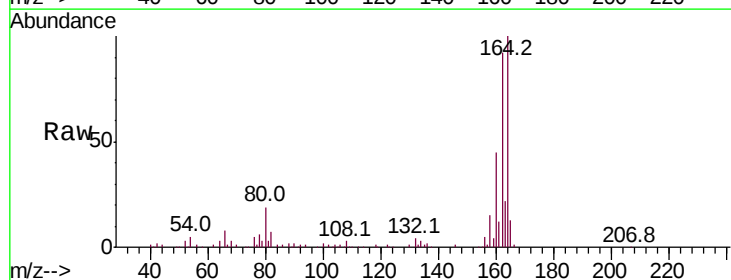
Instrument :
BNA_G
ClientSampleId :
PB129622BL

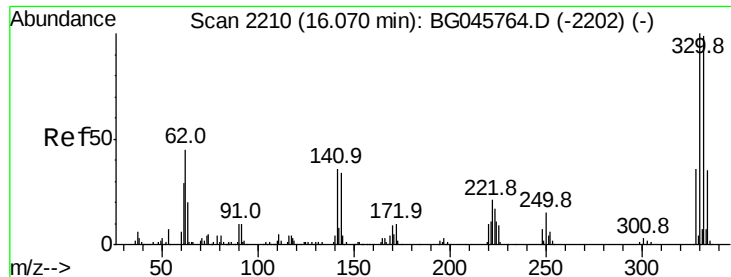
Tot Ion	82	Resp	385688
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.5	48.7
54	40.0	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG045822.D
Acq: 22 Jun 2020 11:00

Tgt Ion	164	Resp	145852
Ion Ratio	Lower	Upper	
164	100		
162	91.9	77.4	116.0
160	45.1	33.3	49.9

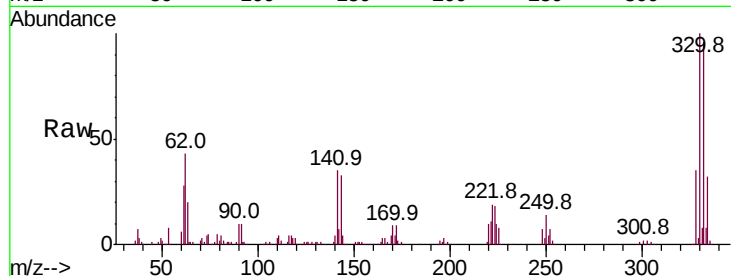




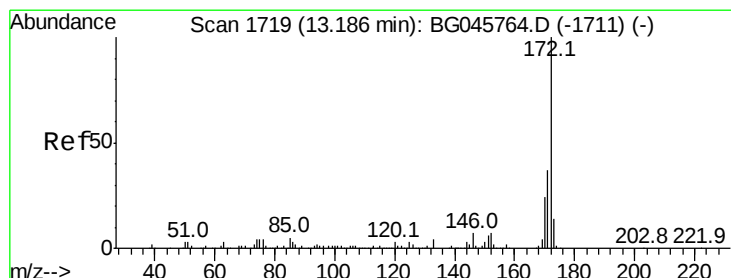
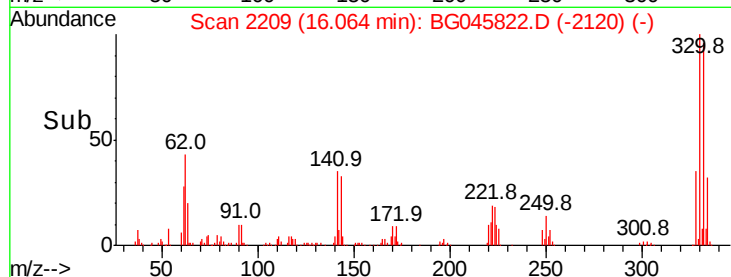
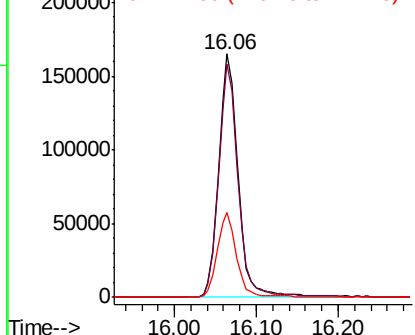
#42
 2,4,6-Tribromophenol
 Concen: 124.117 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Tot Ion:330 Resp: 273305
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 34.9 28.2 42.4

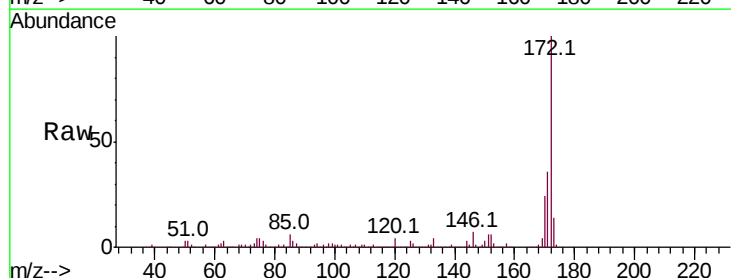


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

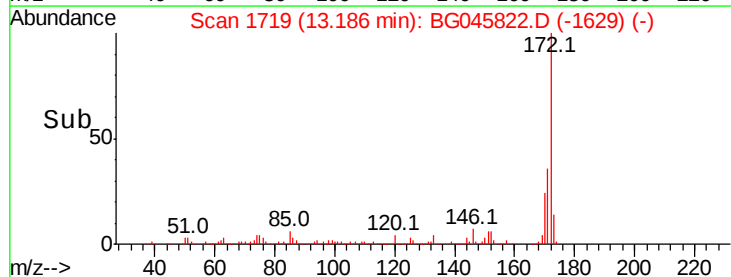
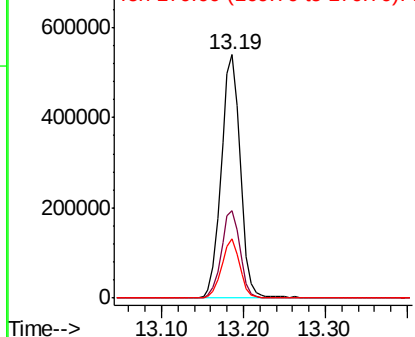


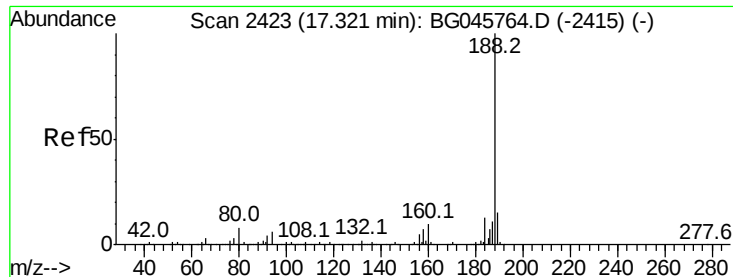
#45
 2-Fluorobiphenyl
 Concen: 88.316 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion:172 Resp: 876525
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.9 44.9
 170 24.4 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: BG045822.D

Acq: 22 Jun 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB129622BL

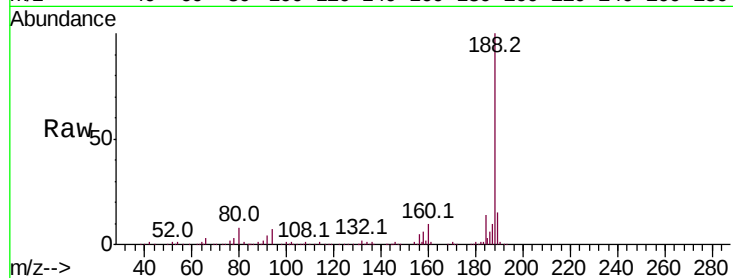
Tot Ion:188 Resp: 337238

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

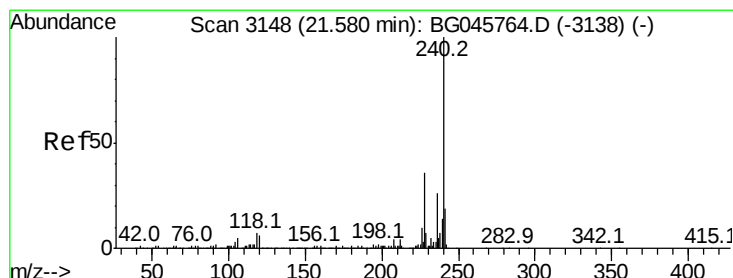
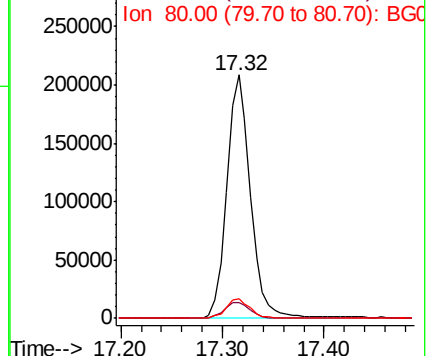
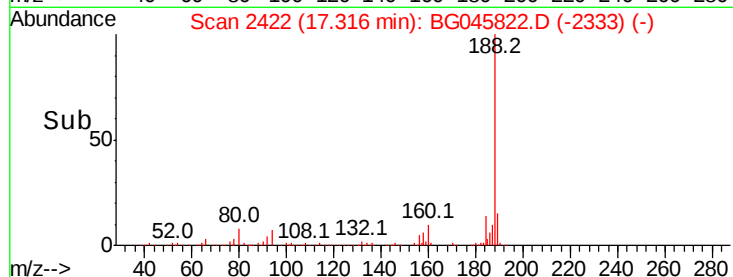
80 8.0 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045822.D

Acq: 22 Jun 2020 11:00

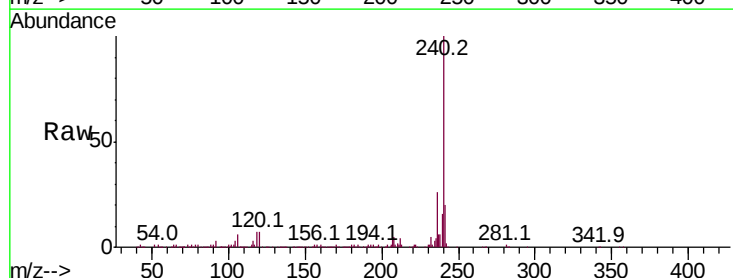
Tgt Ion:240 Resp: 358672

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

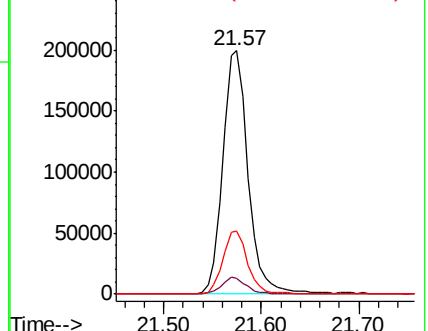
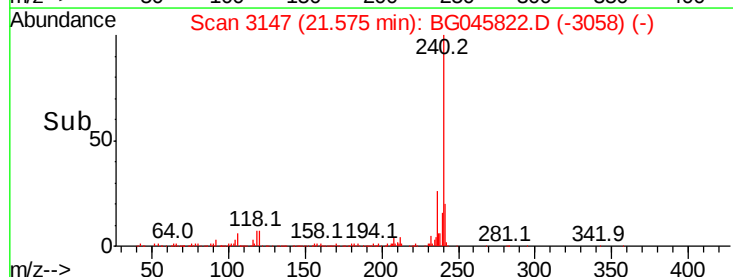
236 26.1 20.6 30.8

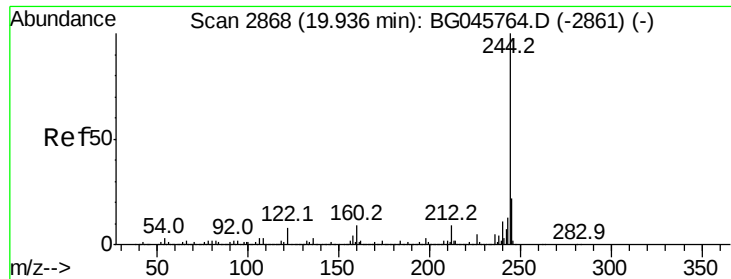


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

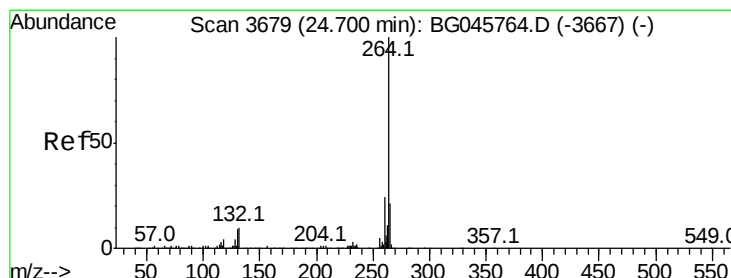
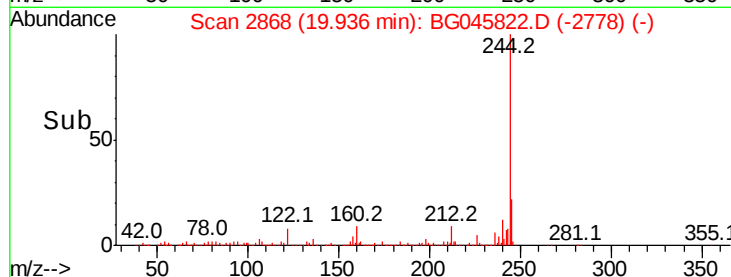
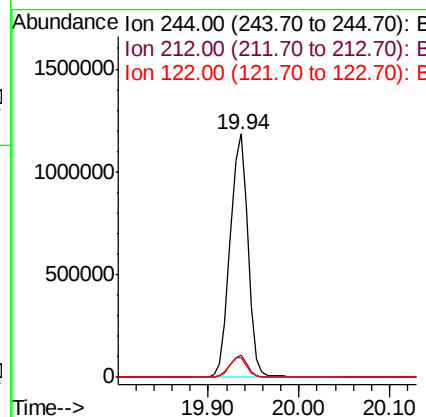
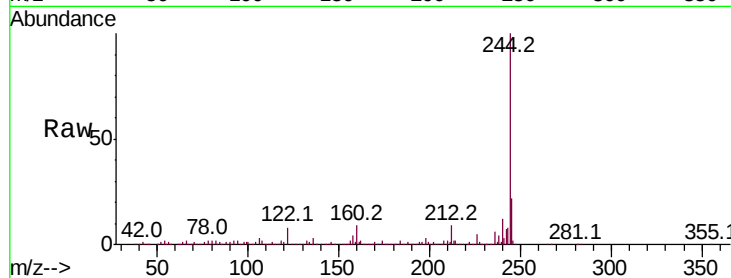




#79
 Terphenyl-d14
 Concen: 91.378 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BL

Tot Ion:244 Resp: 1617224
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.2 10.8
 122 8.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.70 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG045822.D
 Acq: 22 Jun 2020 11:00

Tgt Ion:264 Resp: 372419
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 19.5 17.4 26.0

