

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045801.D
 Acq On : 18 Jun 2020 20:21
 Operator : CG/JU
 Sample : PB129622TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129622TB

Quant Time: Jun 19 03:40:53 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	51721	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	203621	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	149147	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	350433	20.00	ng	0.00
76) Chrysene-d12	21.57	240	319744	20.00	ng	0.00
86) Perylene-d12	24.70	264	335304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	389034	127.06	ng	0.00
7) Phenol-d6	7.15	99	551275	118.37	ng	-0.01
23) Nitrobenzene-d5	9.08	82	380139	85.29	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	290650	129.08	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	893950	88.08	ng	0.00
79) Terphenyl-d14	19.93	244	1557321	98.71	ng	0.00

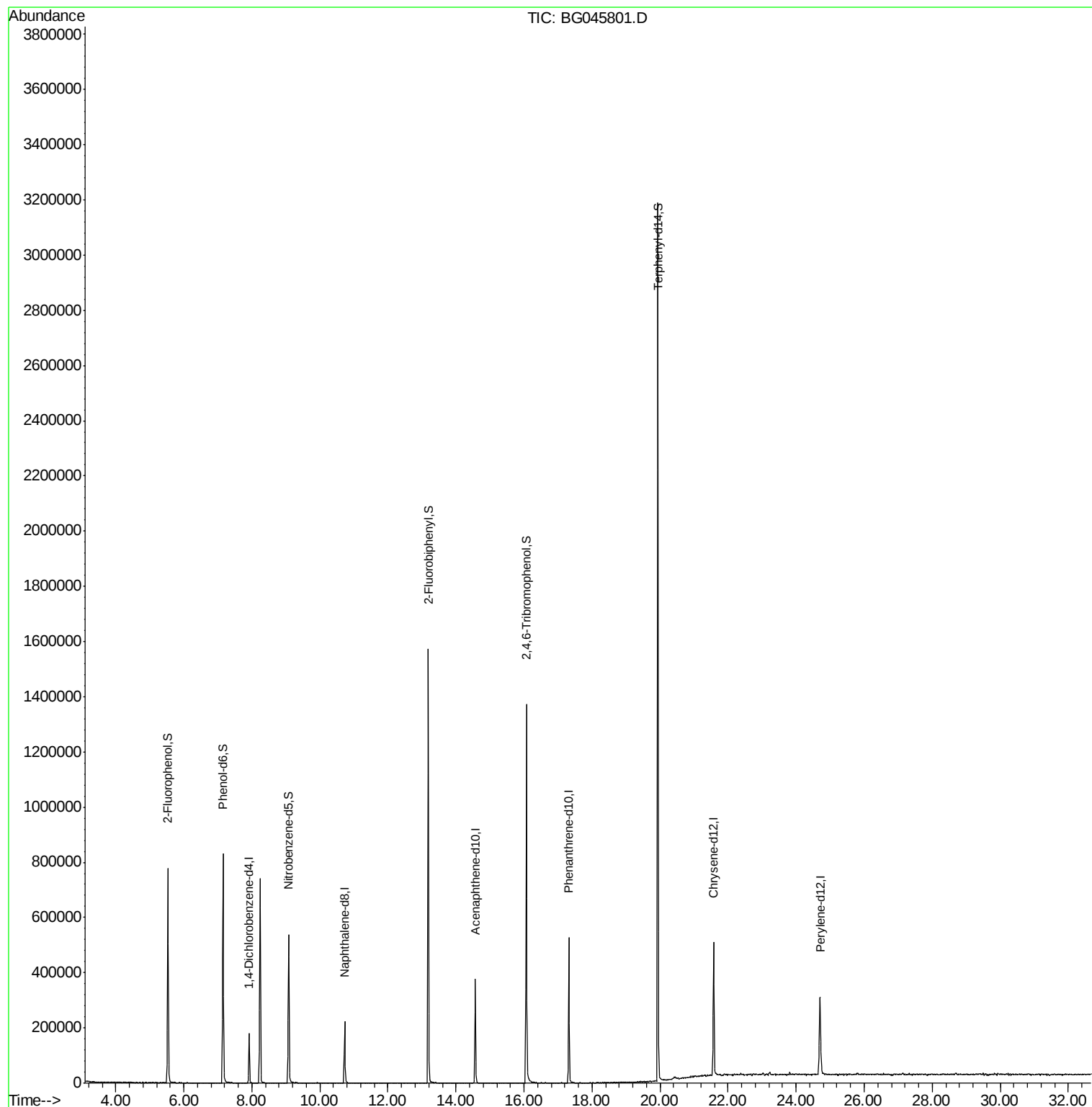
Target Compounds Qvalue

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

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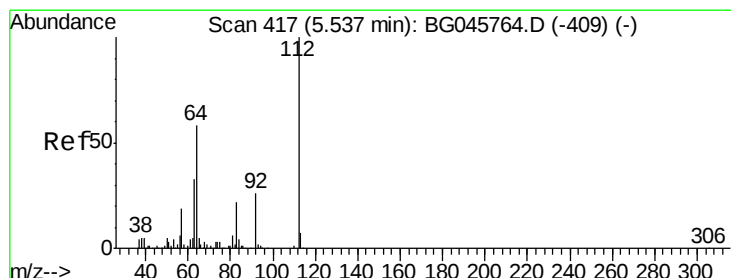
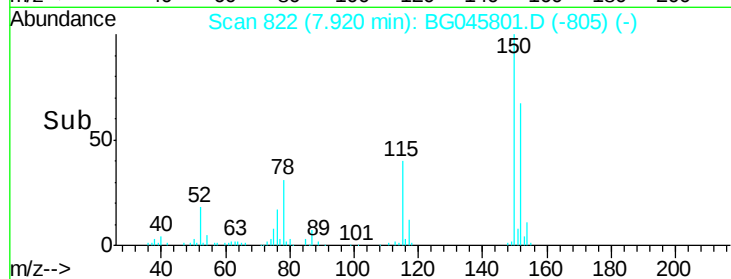
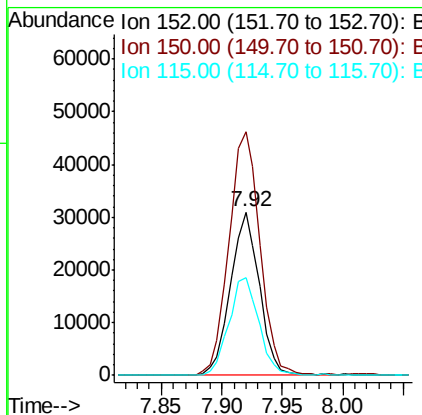
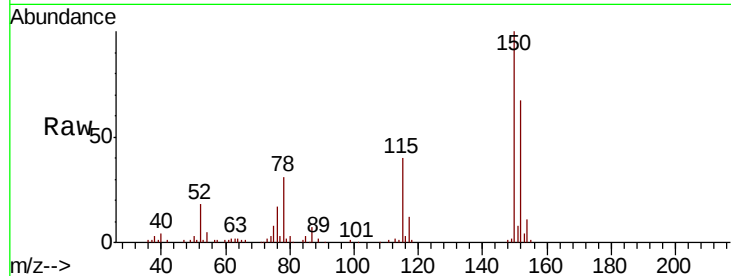


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045801.D
Acq: 18 Jun 2020 20:21

Instrument :
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ClientSampleId :
PB129622TB

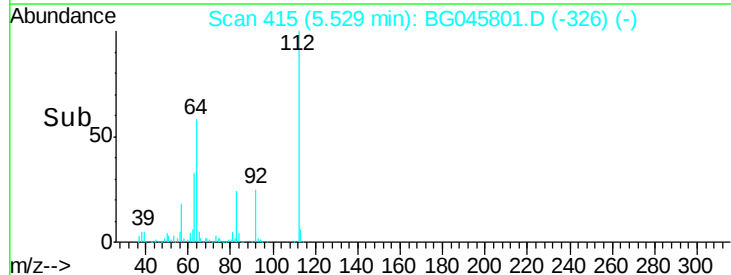
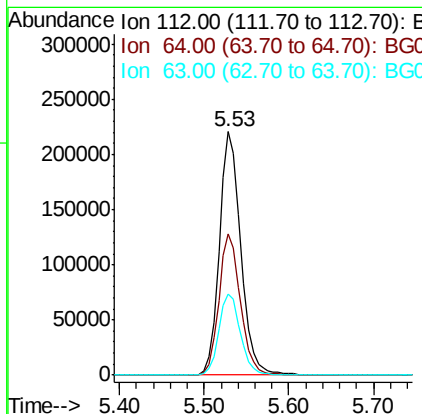
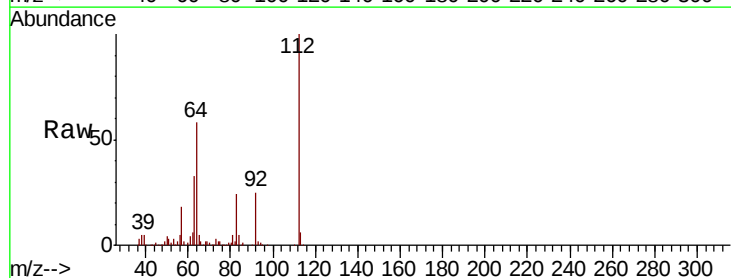
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	113.1	169.7
115	59.8	43.8	65.6

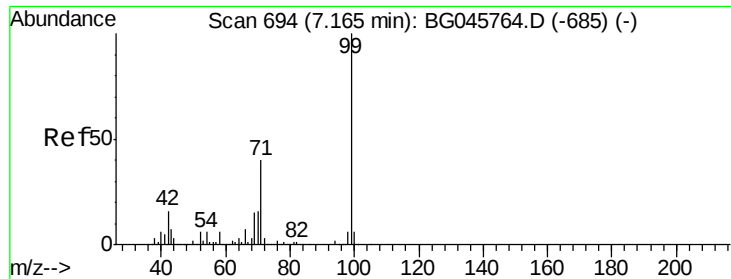


#5

2-Fluorophenol
Concen: 127.061 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045801.D
Acq: 18 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.6	69.8
63	33.5	26.3	39.5





#7

Phenol-d6

Concen: 118.369 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG045801.D

Acq: 18 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

PB129622TB

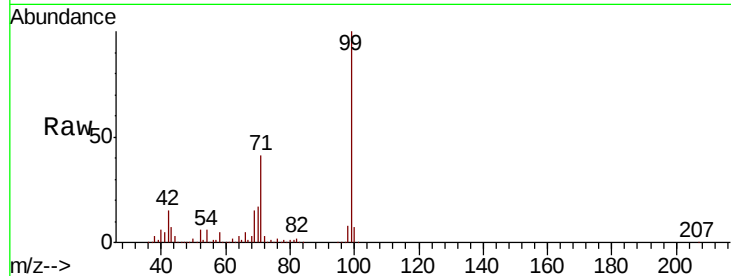
Tot Ion: 99 Resp: 551275

Ion Ratio Lower Upper

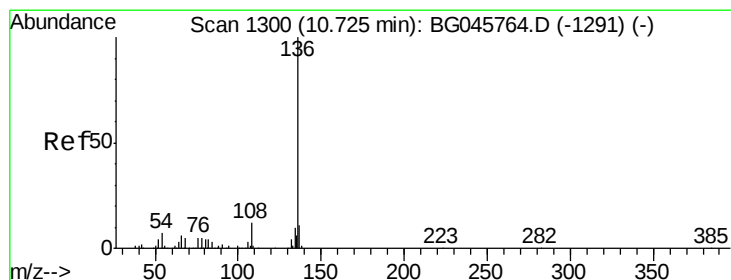
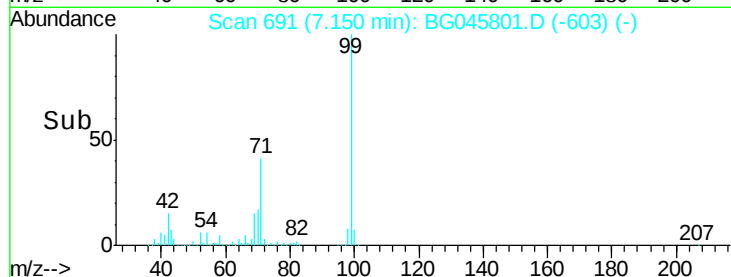
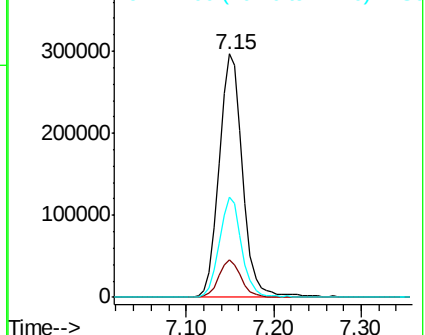
99 100

42 15.4 12.4 18.6

71 41.2 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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045801.D

Acq: 18 Jun 2020 20:21

Tgt Ion: 136 Resp: 203621

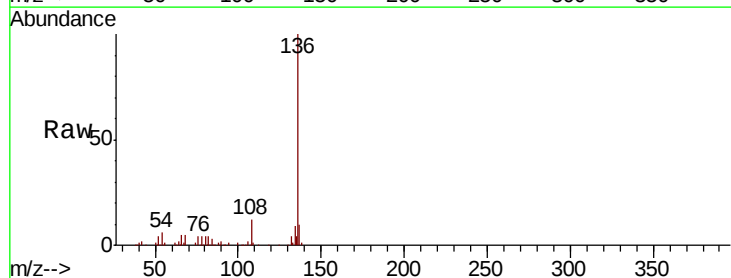
Ion Ratio Lower Upper

136 100

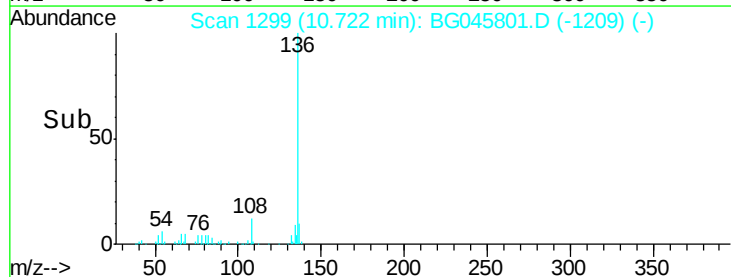
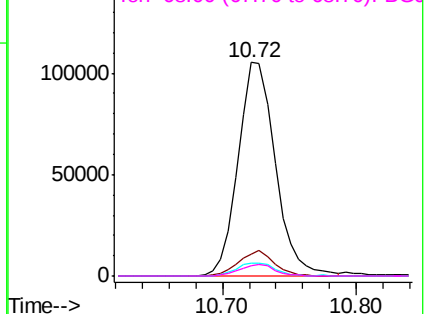
137 10.5 8.7 13.1

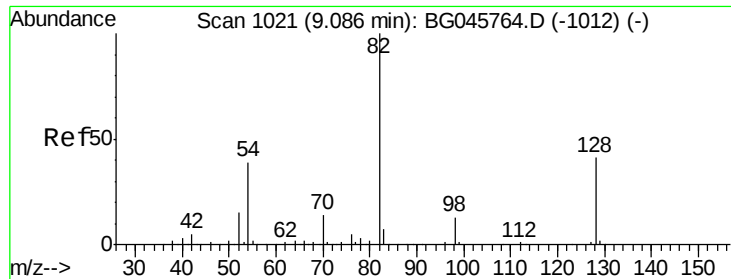
54 5.8 5.8 8.6

68 4.5 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

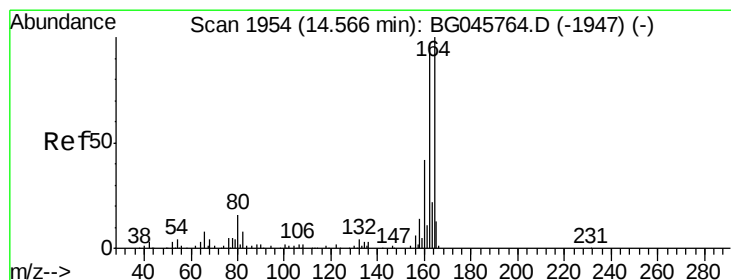
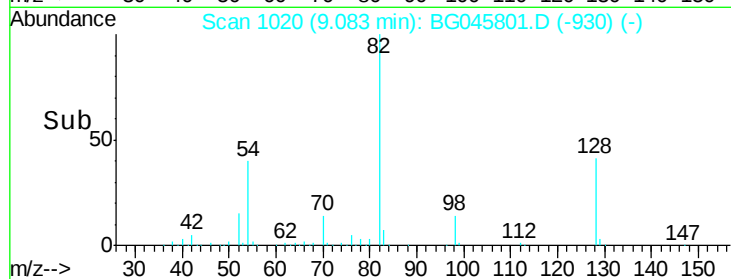
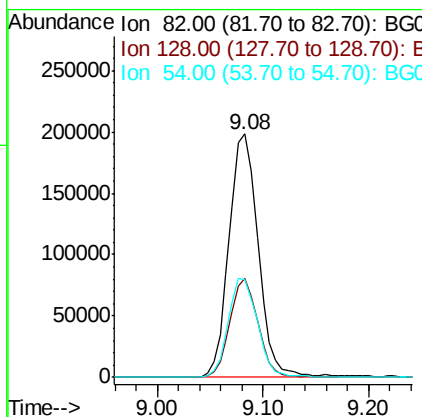
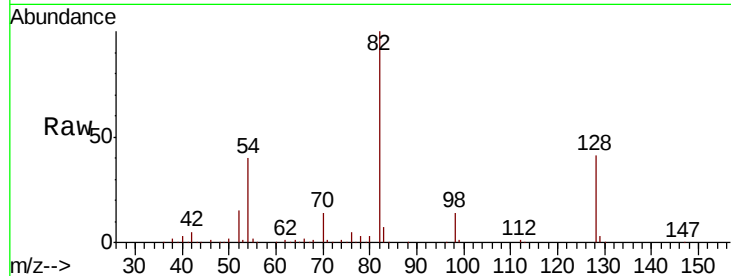




#23
 Nitrobenzene-d5
 Concen: 85.286 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045801.D
 Acq: 18 Jun 2020 20:21

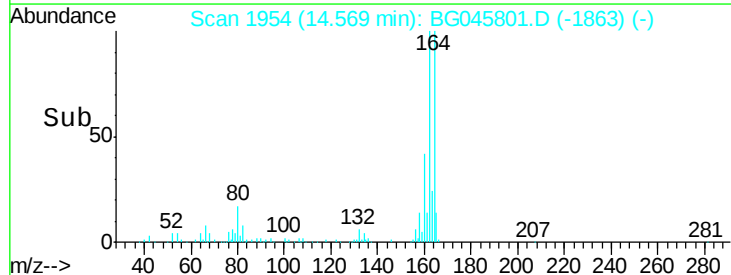
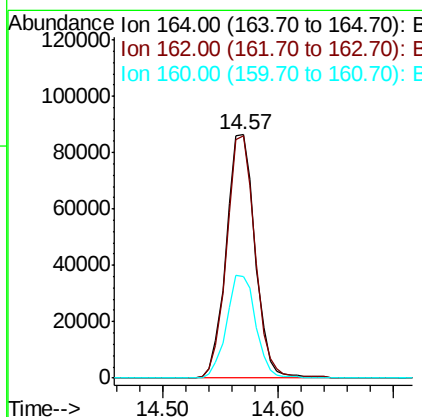
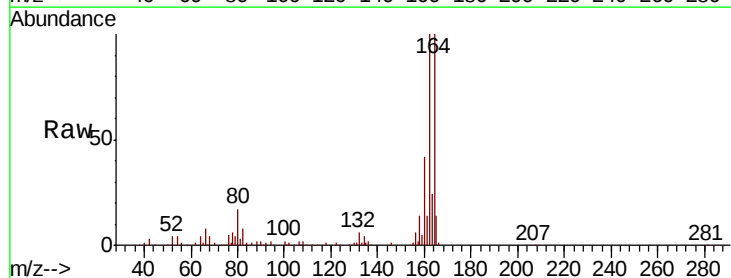
Instrument :
 BNA_G
 ClientSampleId :
 PB129622TB

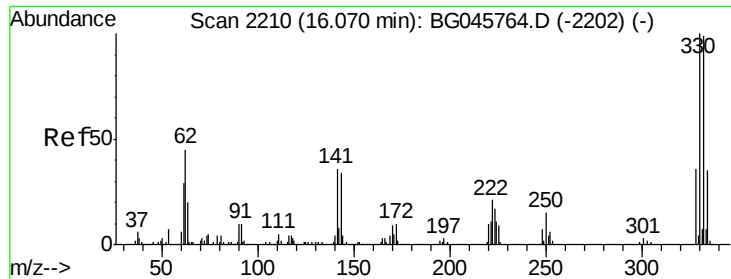
Tot Ion	82	Resp	380139
Ion Ratio	Lower	Upper	
82	100		
128	40.7	32.5	48.7
54	40.1	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG045801.D
 Acq: 18 Jun 2020 20:21

Tgt Ion	164	Resp	149147
Ion Ratio	Lower	Upper	
164	100		
162	99.8	77.4	116.0
160	41.7	33.3	49.9

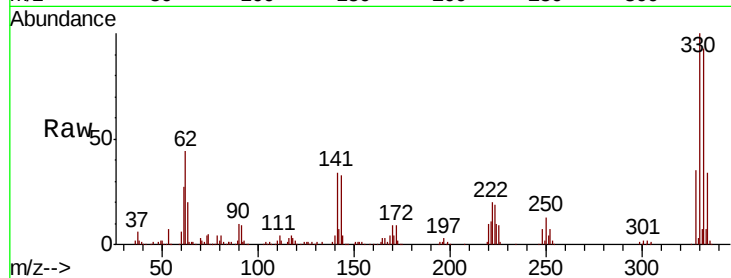




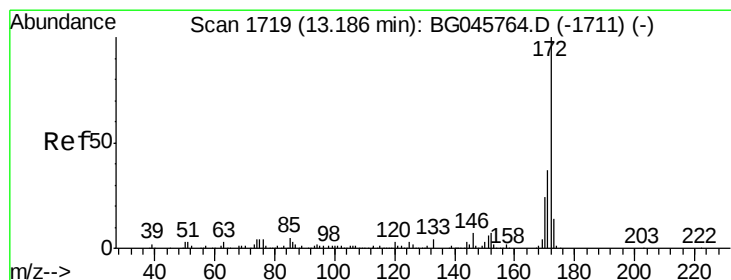
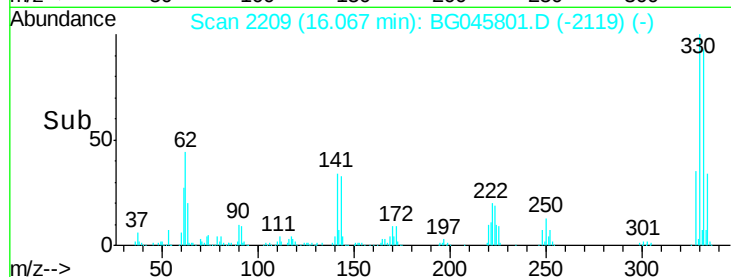
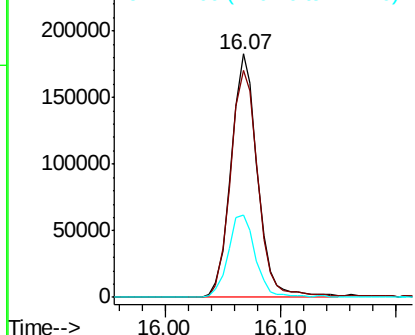
#42
 2,4,6-Tribromophenol
 Concen: 129.078 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG045801.D
 Acq: 18 Jun 2020 20:21

Instrument :
 BNA_G
 ClientSampleId :
 PB129622TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.6	117.8
141	34.6	28.2	42.4

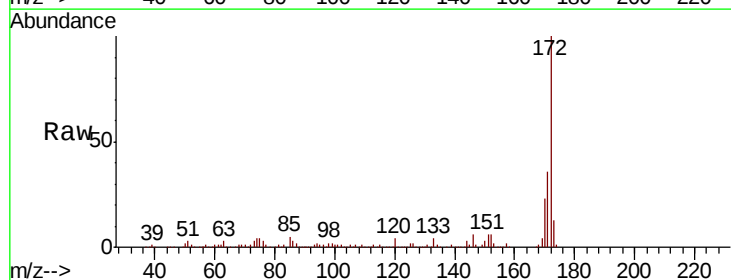


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

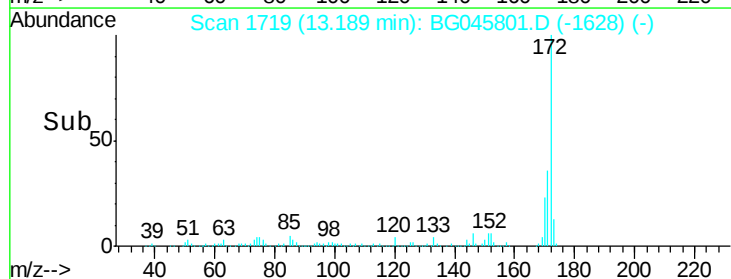
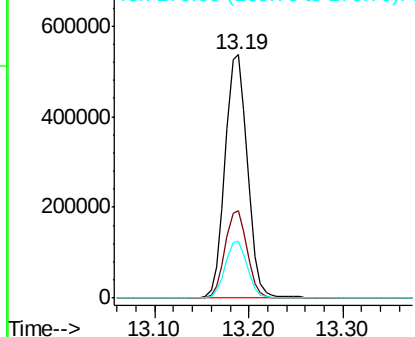


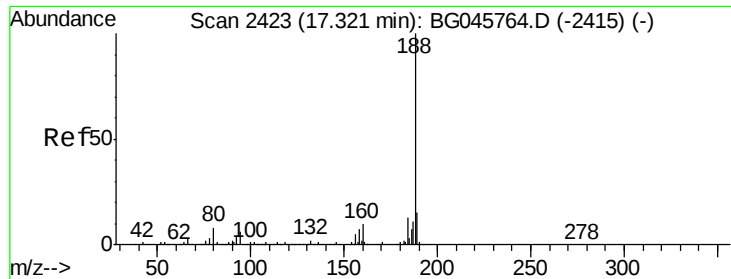
#45
 2-Fluorobiphenyl
 Concen: 88.082 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045801.D
 Acq: 18 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	23.0	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

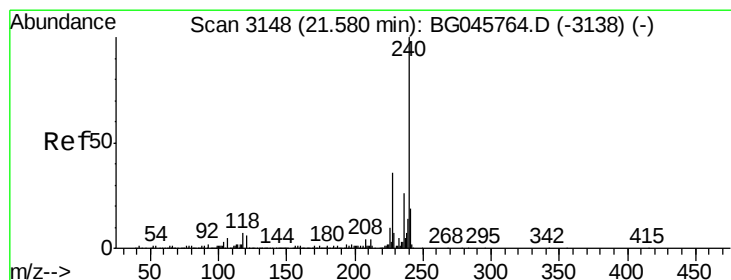
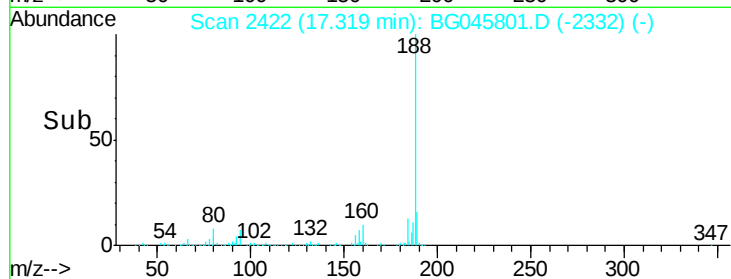
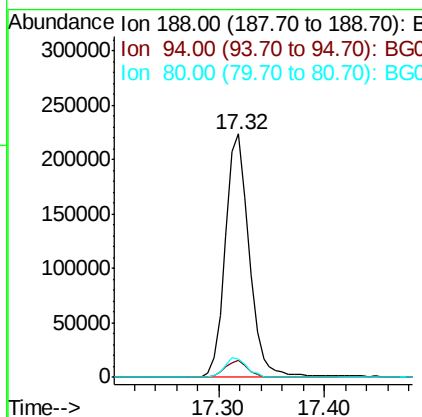
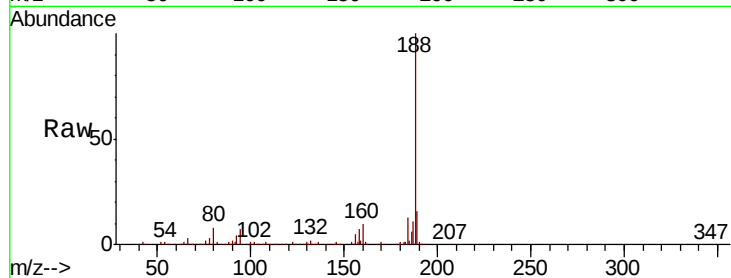




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045801.D
Acq: 18 Jun 2020 20:21

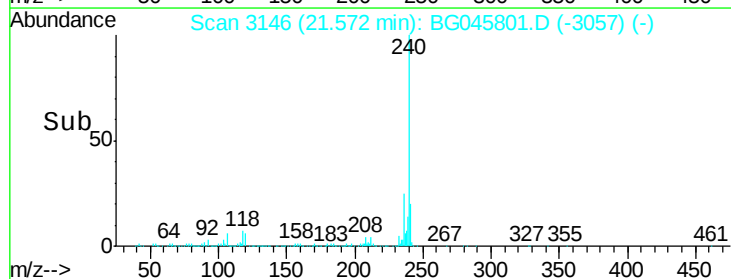
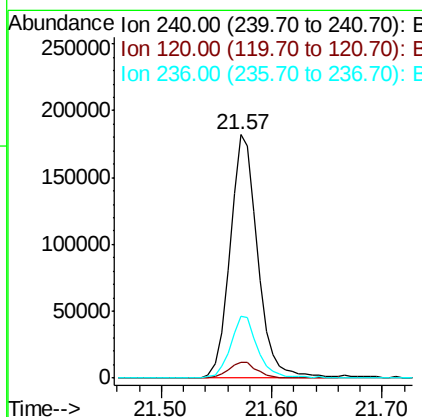
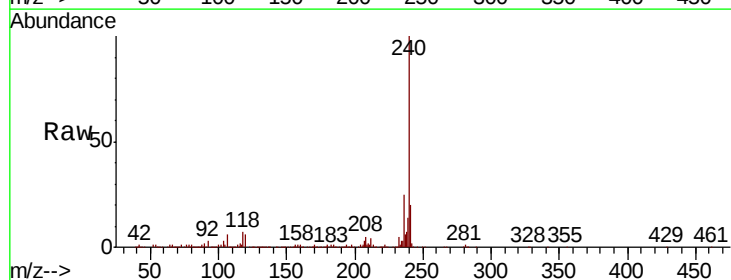
Instrument :
BNA_G
ClientSampleId :
PB129622TB

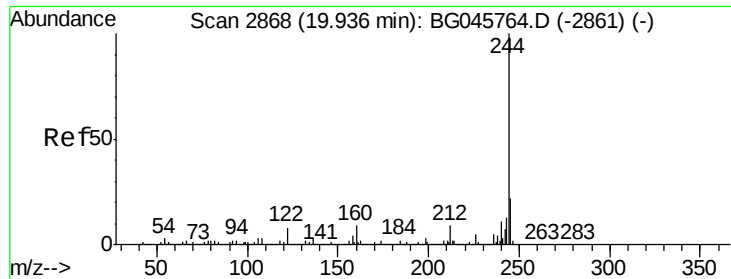
Tot Ion	188	94	80
Resp:	350433		
Ratio	100	6.9	7.7
Lower		5.1	6.2
Upper		7.7	9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045801.D
Acq: 18 Jun 2020 20:21

Tgt Ion	240	120	236
Resp:	319744		
Ratio	100	6.3	25.2
Lower		5.0	20.6
Upper		7.4	30.8





#79

Terphenyl-d14

Concen: 98.706 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045801.D

Acq: 18 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

PB129622TB

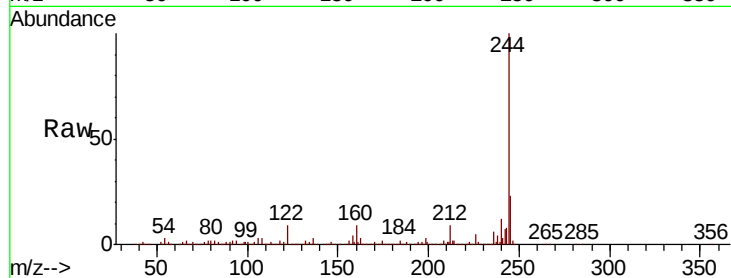
Tot Ion:244 Resp: 1557321

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

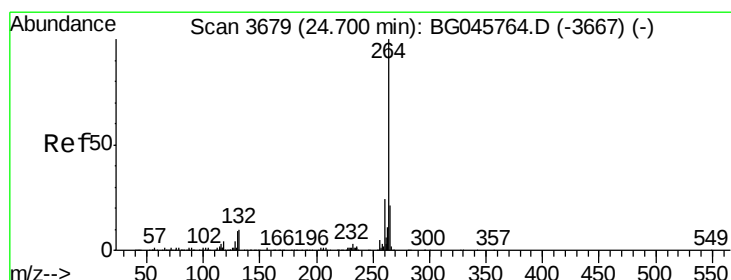
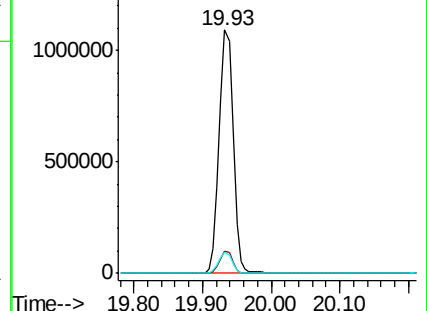
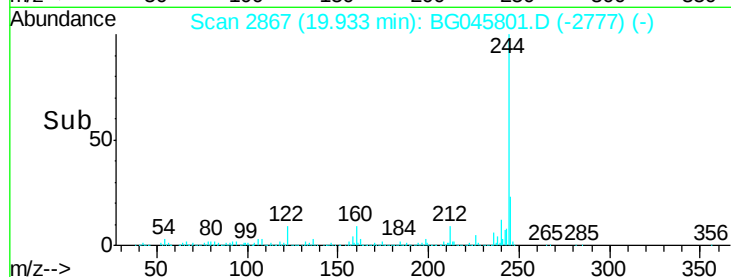
122 8.7 6.4 9.6



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: BG045801.D

Acq: 18 Jun 2020 20:21

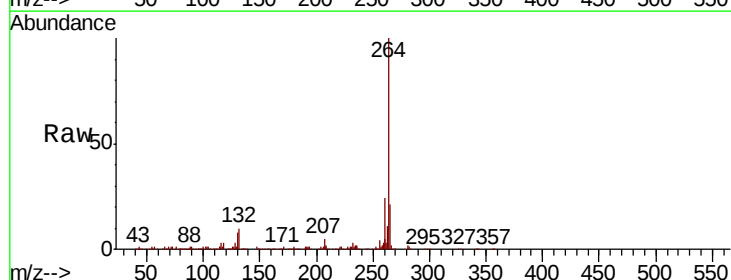
Tgt Ion:264 Resp: 335304

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.5 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

