

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045217.D
 Acq On : 1 May 2020 15:36
 Operator : CG/JU
 Sample : PB128614BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BL

Quant Time: May 01 17:15:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	63155	20.00	ng	0.01
21) Naphthalene-d8	10.81	136	236734	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	186906	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	491890	20.00	ng	0.00
76) Chrysene-d12	21.65	240	485032	20.00	ng	0.00
87) Perylene-d12	24.83	264	510080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	495465	129.52	ng	0.00
7) Phenol-d6	7.16	99	677544	119.21	ng	0.00
23) Nitrobenzene-d5	9.16	82	461355	88.92	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	401003	138.88	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1157161	90.78	ng	0.00
79) Terphenyl-d14	20.00	244	2165579	97.31	ng	0.00

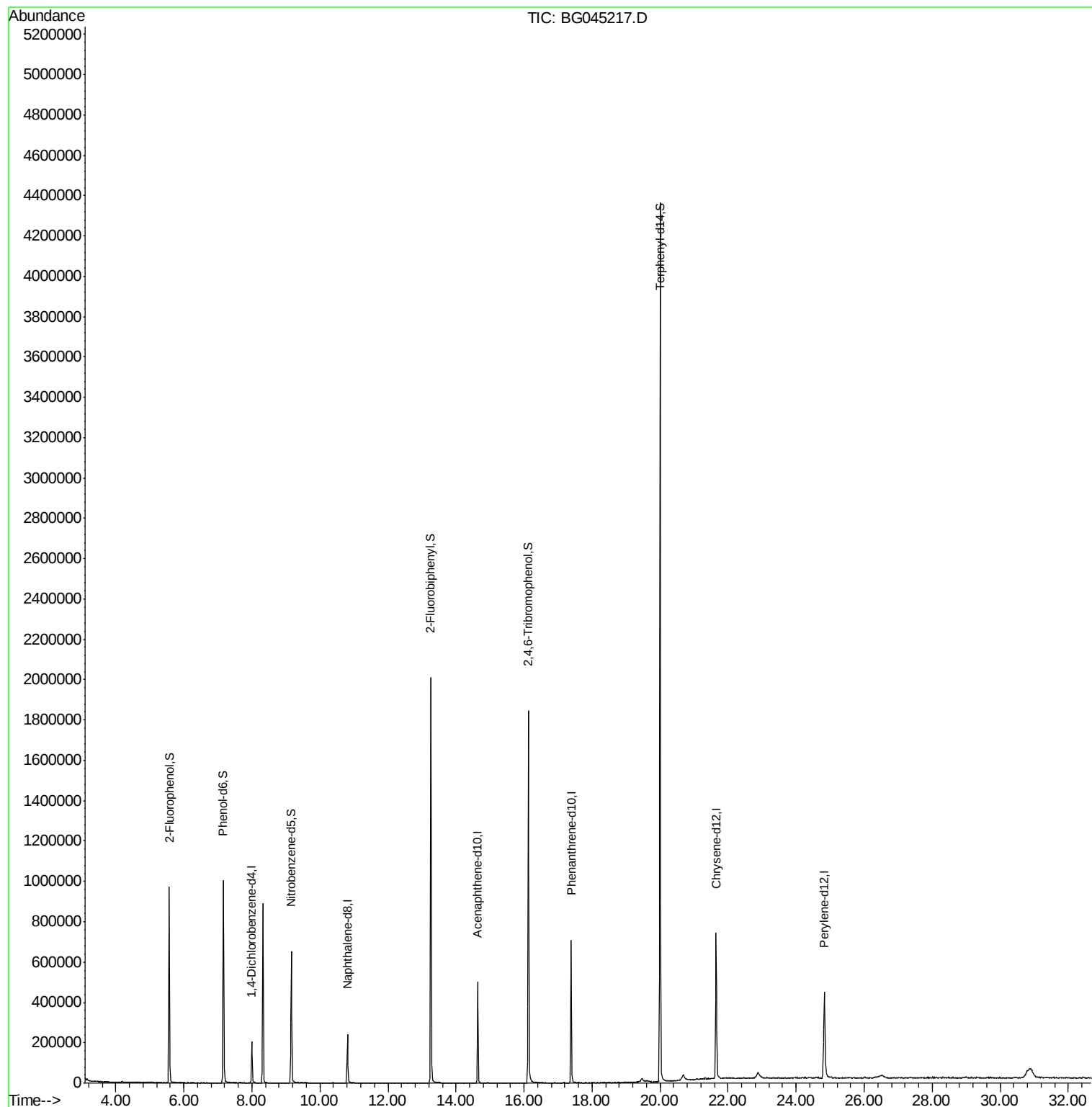
Target Compounds Qvalue

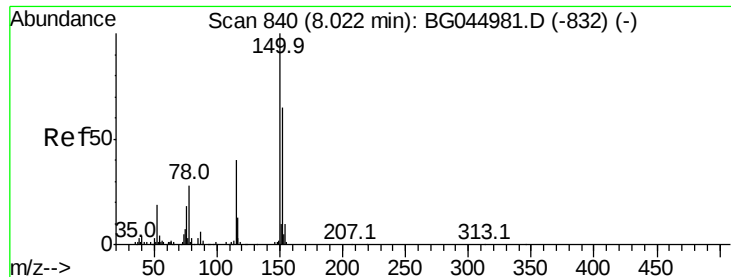
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

Instrument :

BNA_G

ClientSampleId :

PB128614BL

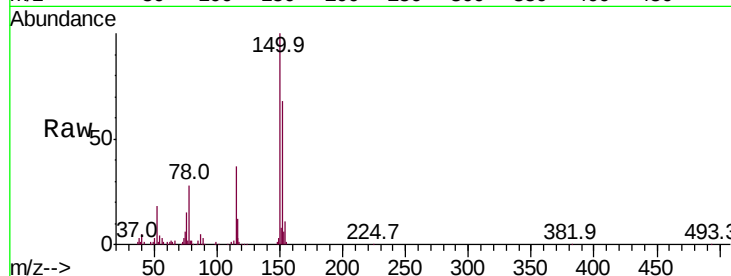
Tot Ion:152 Resp: 63155

Ion Ratio Lower Upper

152 100

150 146.6 123.6 185.4

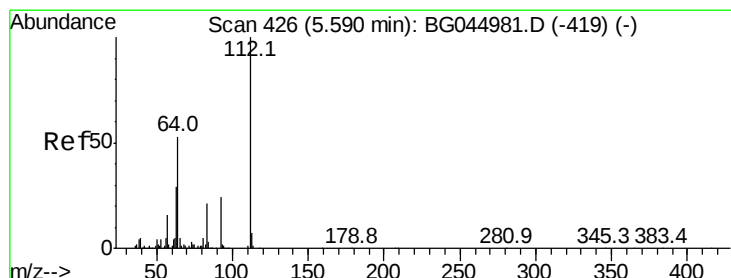
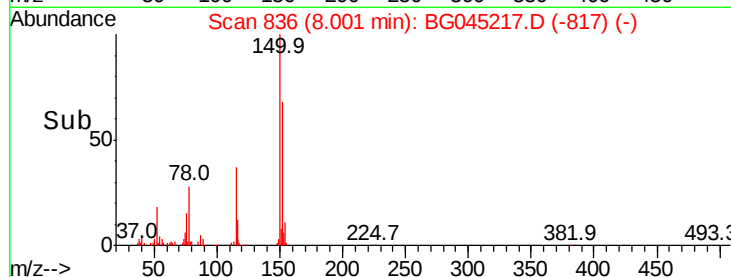
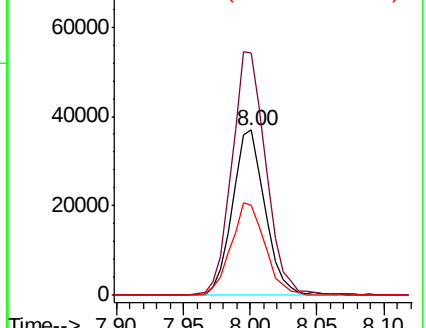
115 54.3 49.1 73.7



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: 129.520 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

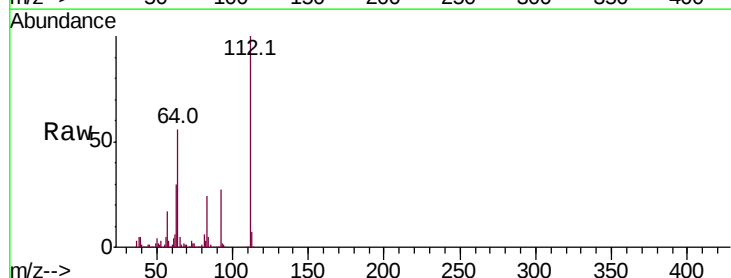
Tgt Ion:112 Resp: 495465

Ion Ratio Lower Upper

112 100

64 56.0 42.4 63.6

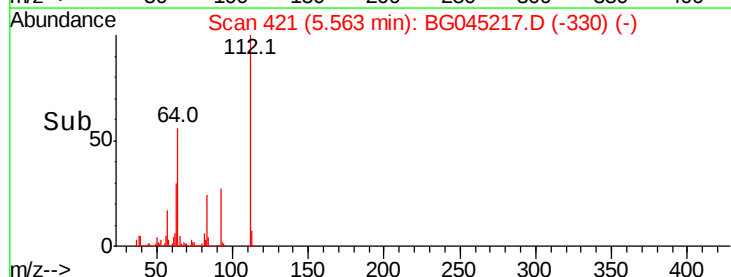
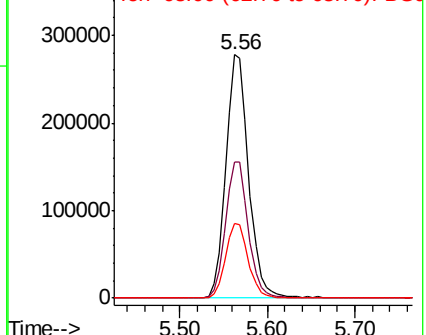
63 30.4 23.1 34.7

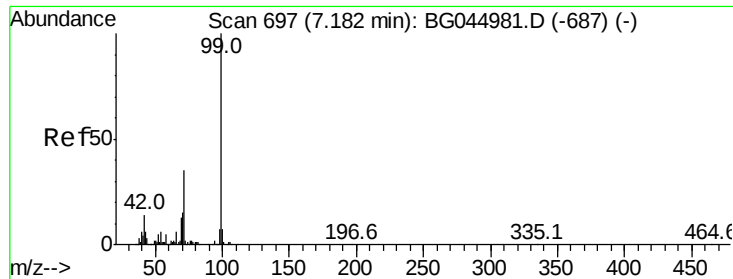


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.211 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

Instrument :

BNA_G

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PB128614BL

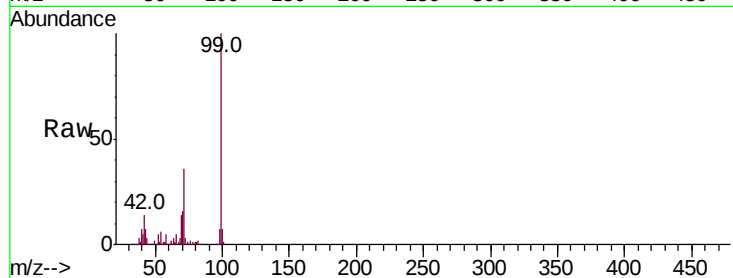
Tot Ion: 99 Resp: 677544

Ion Ratio Lower Upper

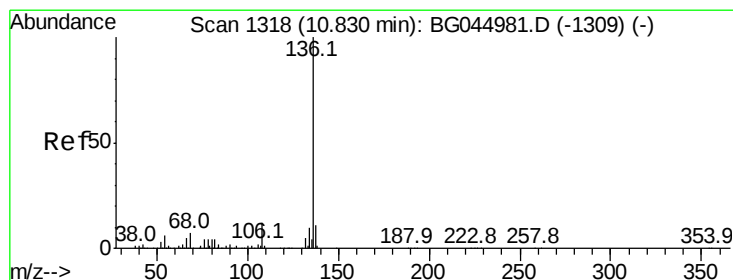
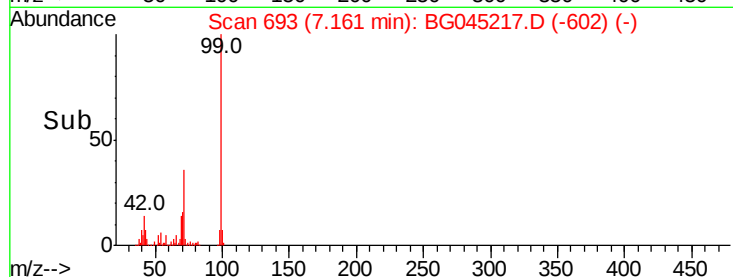
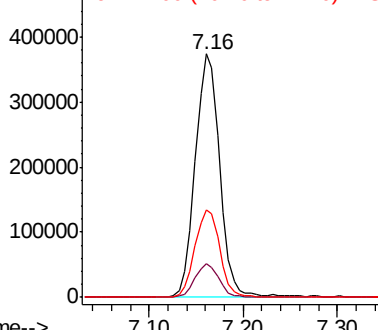
99 100

42 13.9 11.3 16.9

71 36.0 28.3 42.5



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: 10.81 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

Tgt Ion: 136 Resp: 236734

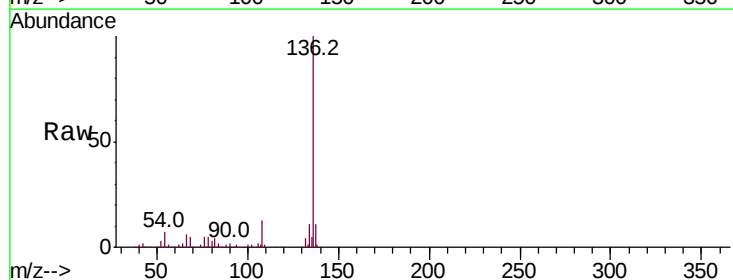
Ion Ratio Lower Upper

136 100

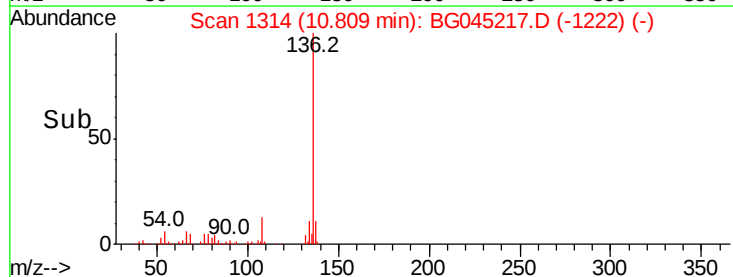
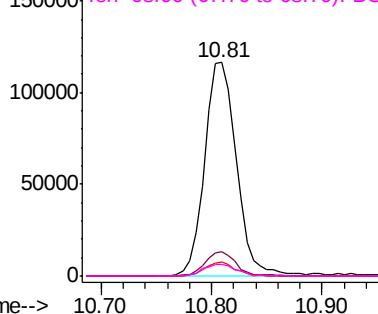
137 11.3 8.6 13.0

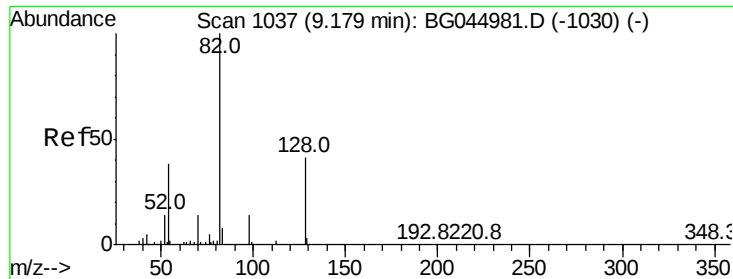
54 6.5 4.8 7.2

68 5.3 5.2 7.8



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

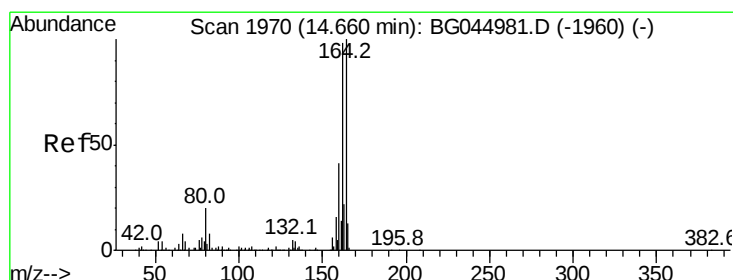
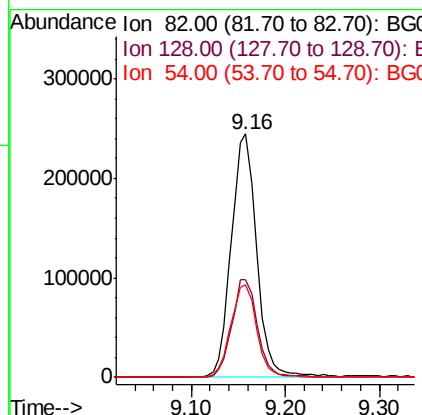
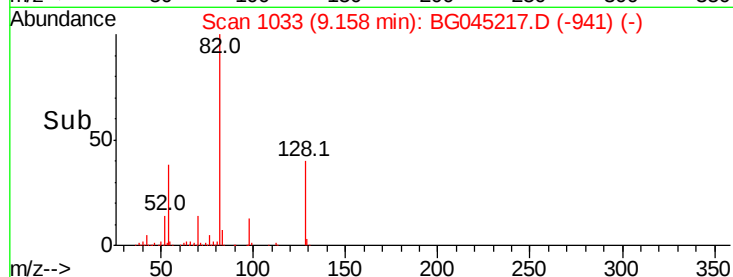
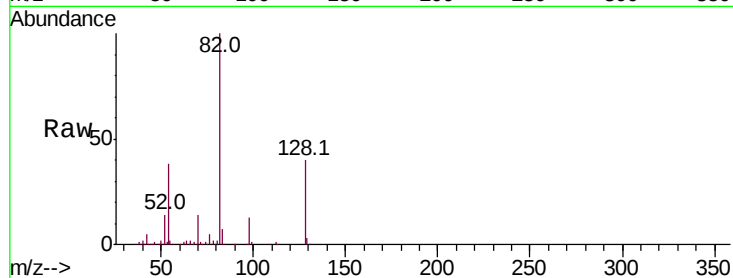




#23
Nitrobenzene-d5
Concen: 88.923 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

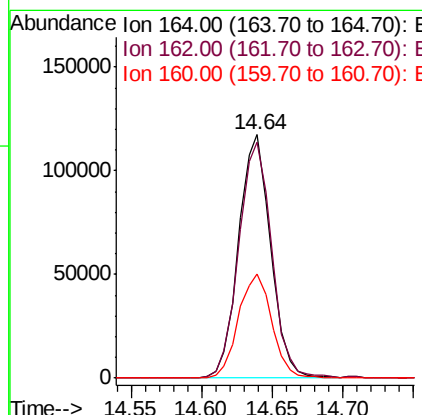
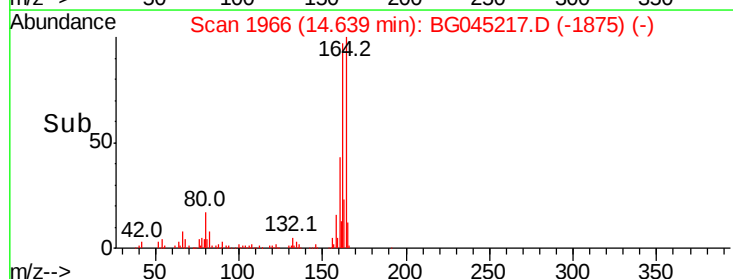
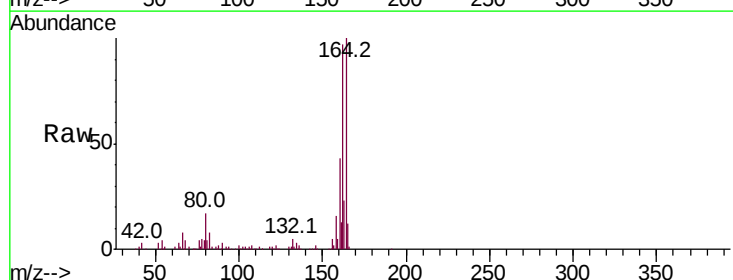
Instrument :
BNA_G
ClientSampleId :
PB128614BL

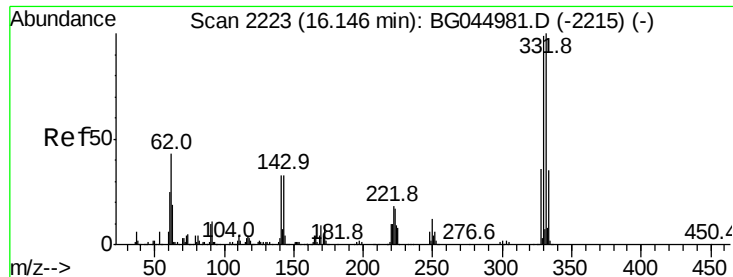
Tot Ion: 82 Resp: 461355
Ion Ratio Lower Upper
82 100
128 40.3 33.0 49.4
54 38.2 30.4 45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:164 Resp: 186906
Ion Ratio Lower Upper
164 100
162 96.7 78.7 118.1
160 42.9 32.8 49.2

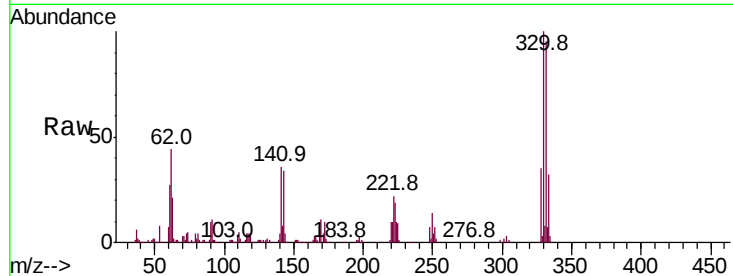




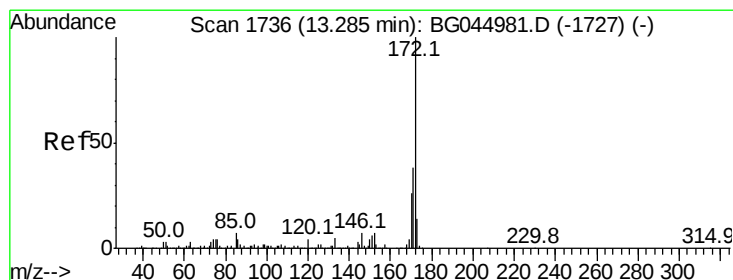
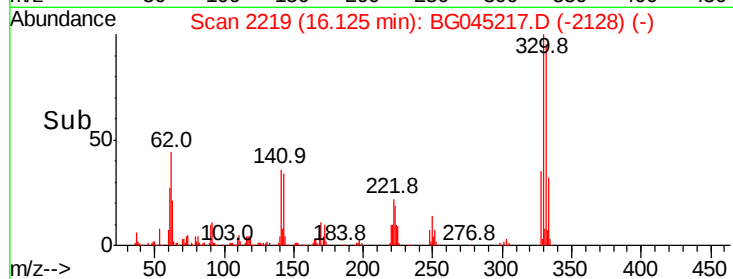
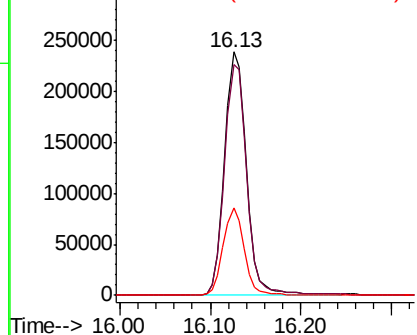
#42
 2,4,6-Tribromophenol
 Concen: 138.878 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG045217.D
 Acq: 1 May 2020 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BL

Tot Ion:330 Resp: 401003
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.1 118.7
 141 34.4 27.1 40.7

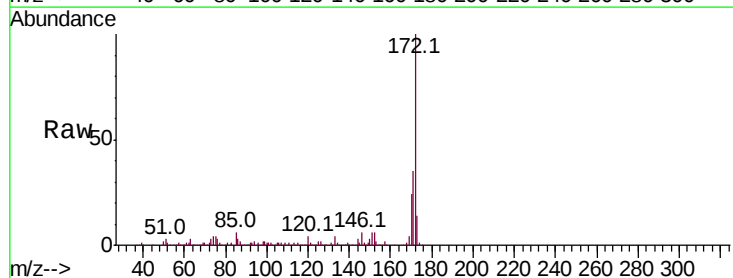


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

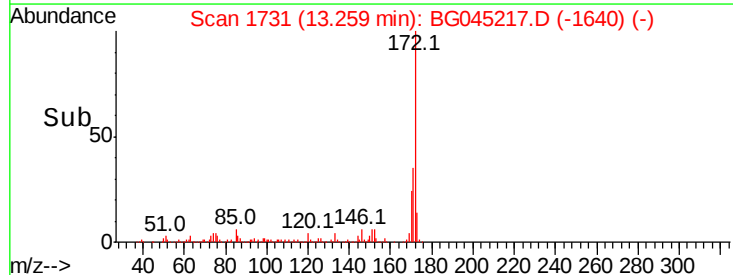
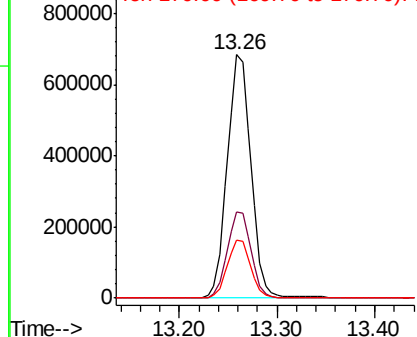


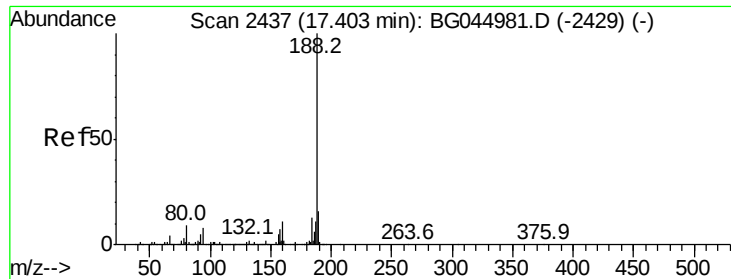
#45
 2-Fluorobiphenyl
 Concen: 90.782 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG045217.D
 Acq: 1 May 2020 15:36

Tgt Ion:172 Resp: 1157161
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.6 46.0
 170 23.7 20.5 30.7



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: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

Instrument :

BNA_G

ClientSampleId :

PB128614BL

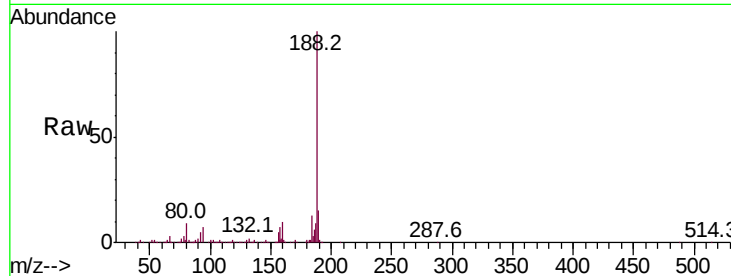
Tot Ion:188 Resp: 491890

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

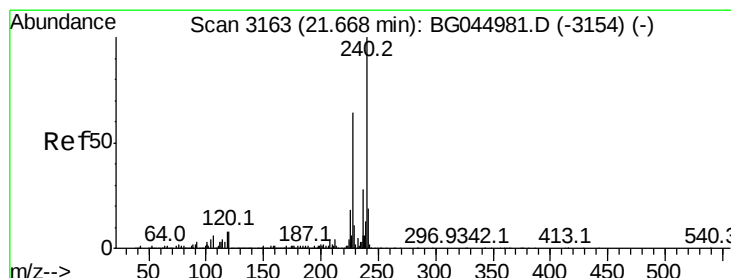
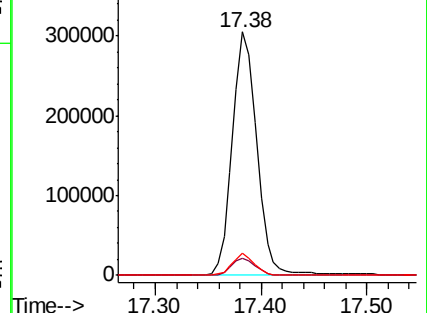
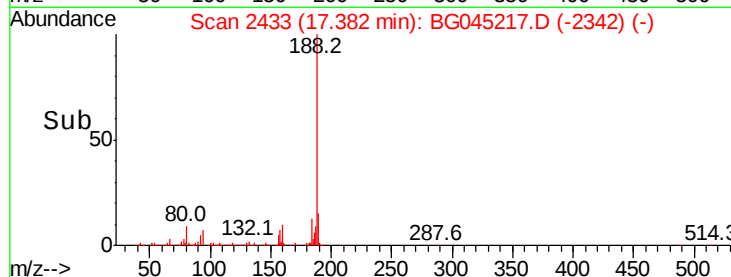
80 8.9 7.0 10.6



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: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

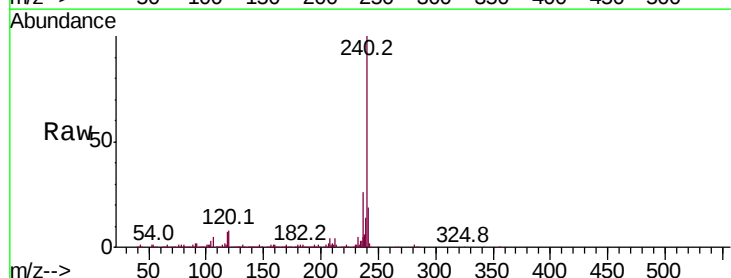
Tgt Ion:240 Resp: 485032

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

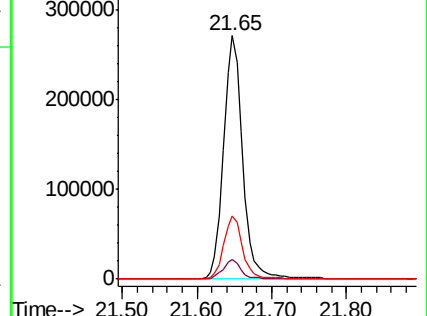
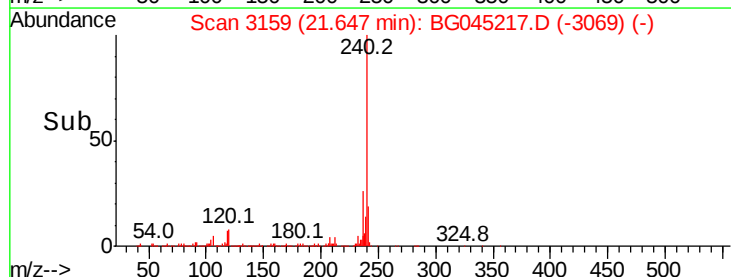
236 25.9 22.2 33.2

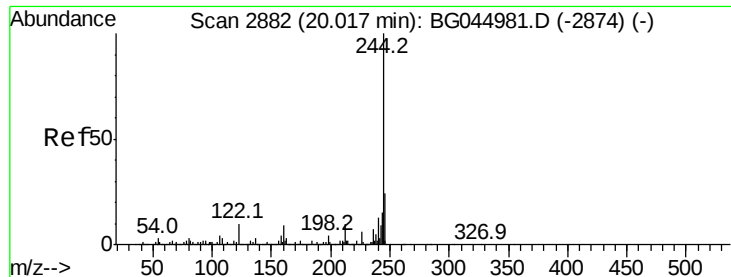


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.314 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

Instrument :

BNA_G

ClientSampleId :

PB128614BL

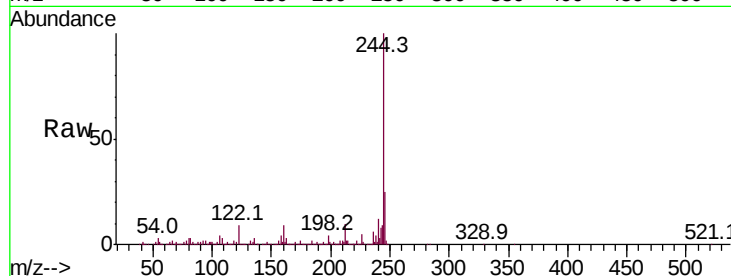
Tot Ion:244 Resp: 2165579

Ion Ratio Lower Upper

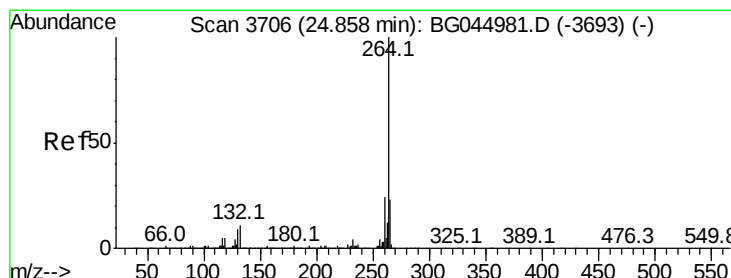
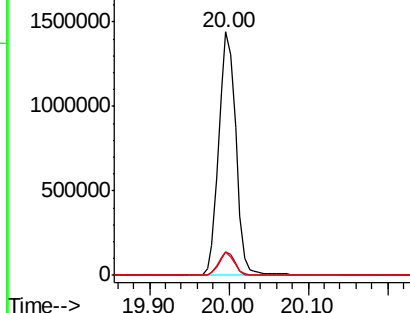
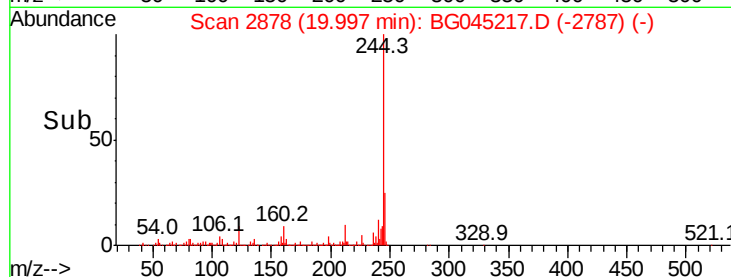
244 100

212 9.6 7.9 11.9

122 9.5 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG045217.D

Acq: 1 May 2020 15:36

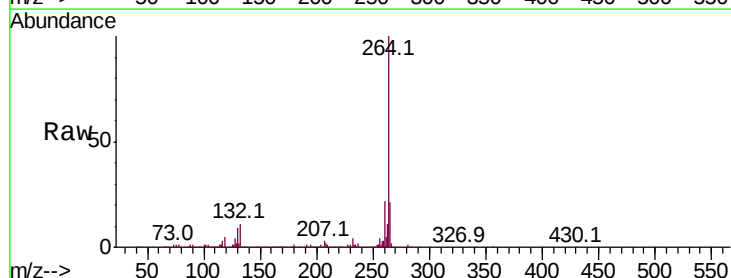
Tgt Ion:264 Resp: 510080

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.2 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E
200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

