

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045108.D
 Acq On : 21 Apr 2020 12:38
 Operator : CG/JU
 Sample : PB128352TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128352TB

Quant Time: Apr 21 14:26:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	52377	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	227843	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	181197	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	455879	20.00	ng	0.00
76) Chrysene-d12	21.66	240	471230	20.00	ng	0.00
87) Perylene-d12	24.86	264	502161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	453215	142.86	ng	0.00
7) Phenol-d6	7.19	99	677422	143.72	ng	0.00
23) Nitrobenzene-d5	9.18	82	506228	101.38	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	430349	153.74	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1239356	100.29	ng	0.00
79) Terphenyl-d14	20.01	244	2314902	107.07	ng	0.00

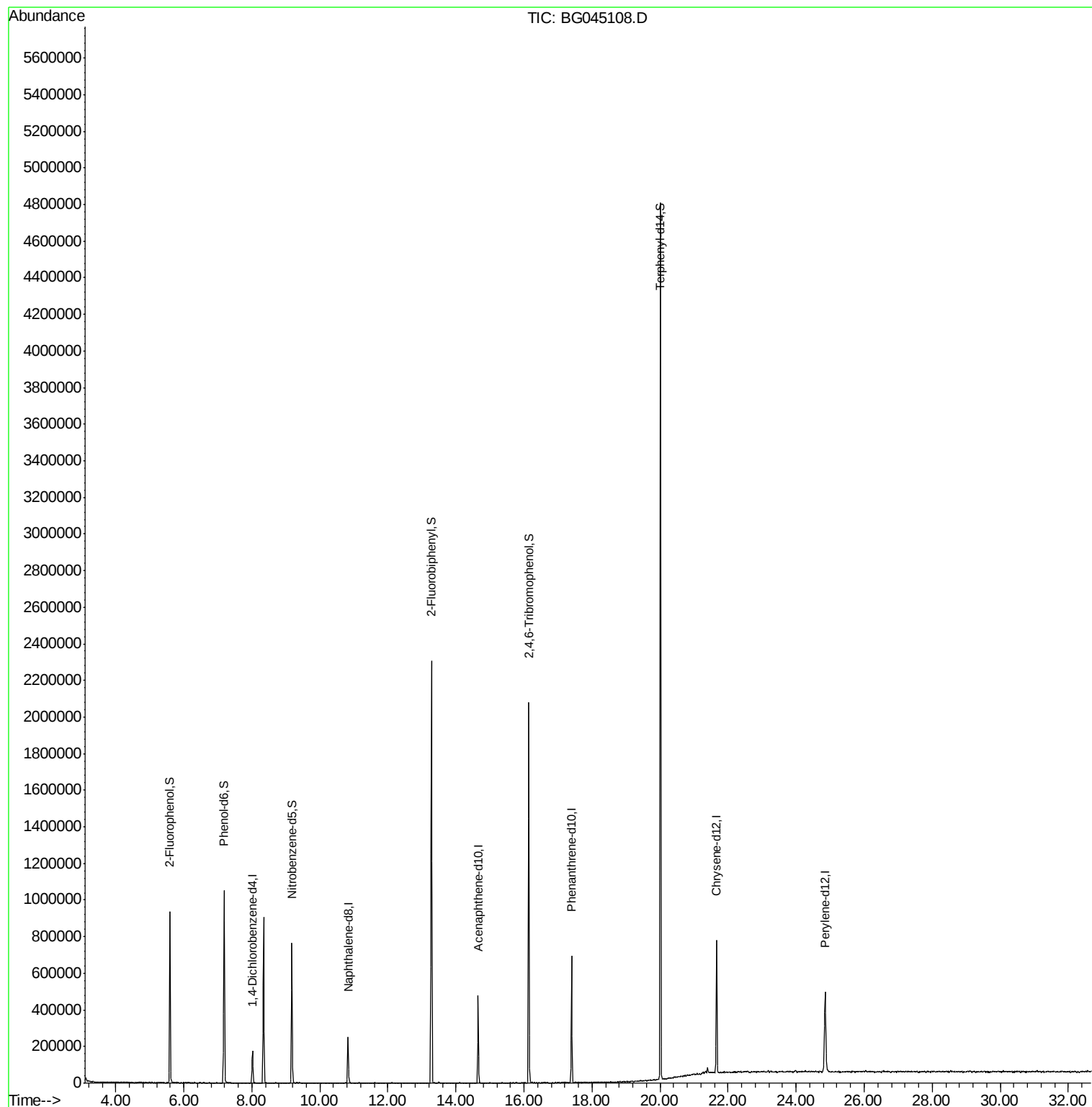
Target Compounds Qvalue

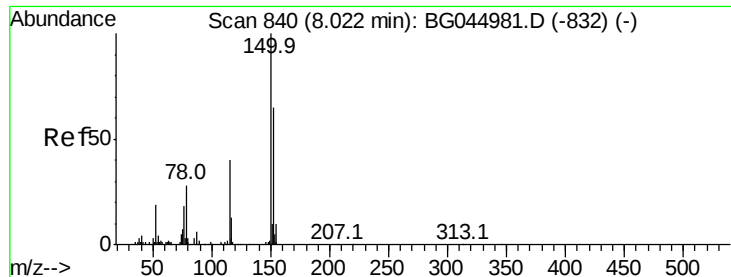
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

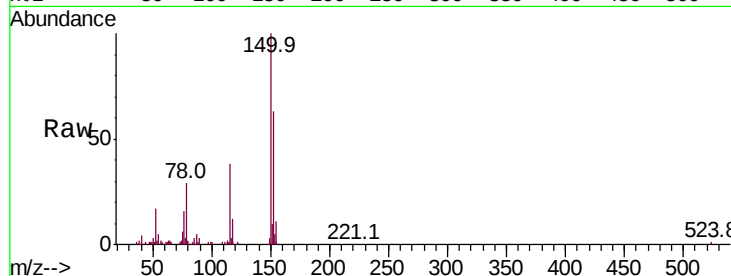
Tot Ion:152 Resp: 52377

Ion Ratio Lower Upper

152 100

150 159.3 123.6 185.4

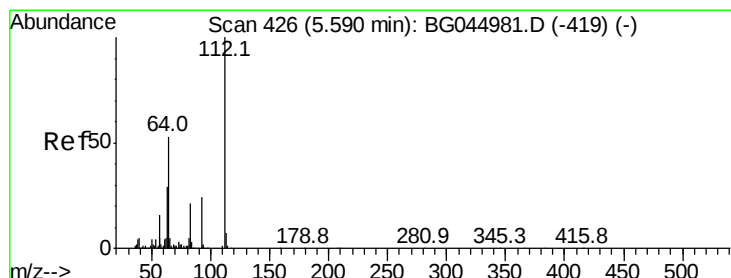
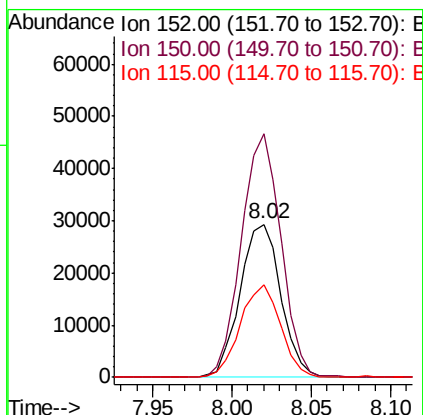
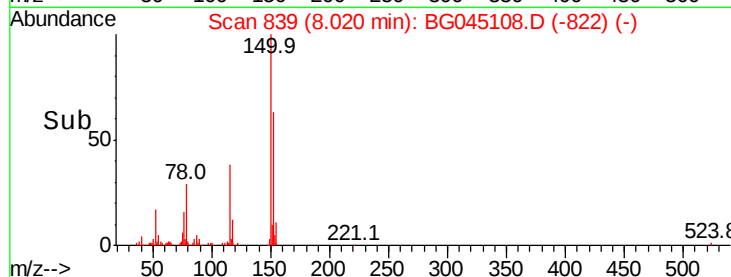
115 60.8 49.1 73.7



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: 142.855 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

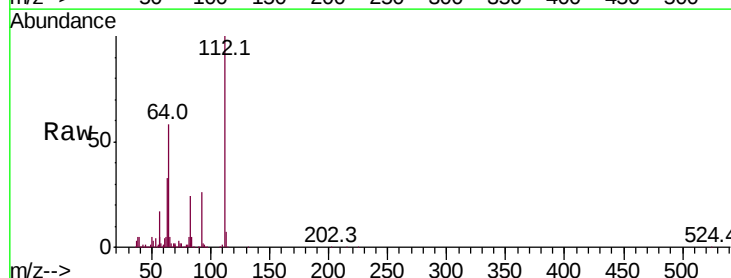
Tgt Ion:112 Resp: 453215

Ion Ratio Lower Upper

112 100

64 57.8 42.4 63.6

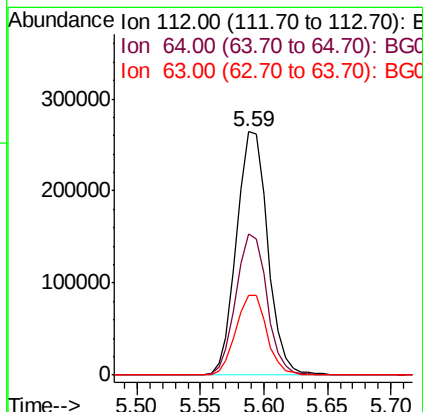
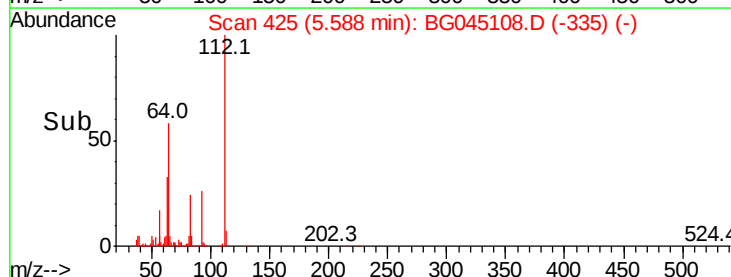
63 32.9 23.1 34.7

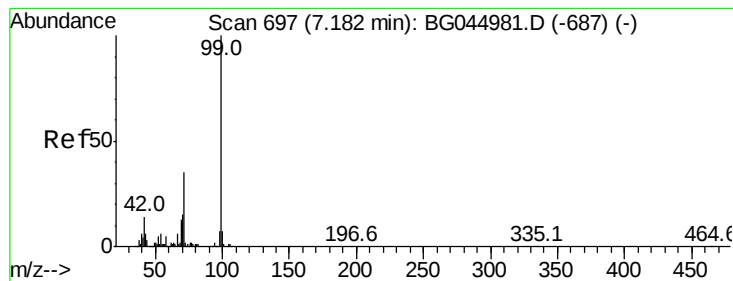


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 143.716 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

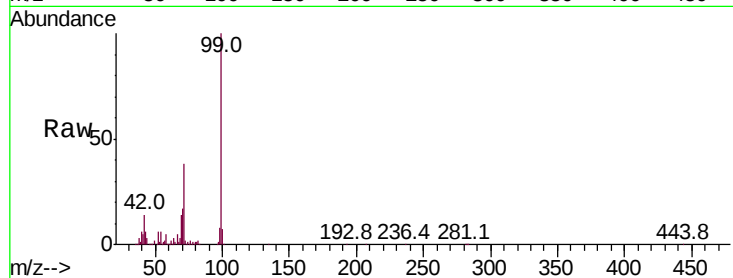
Tot Ion: 99 Resp: 677422

Ion Ratio Lower Upper

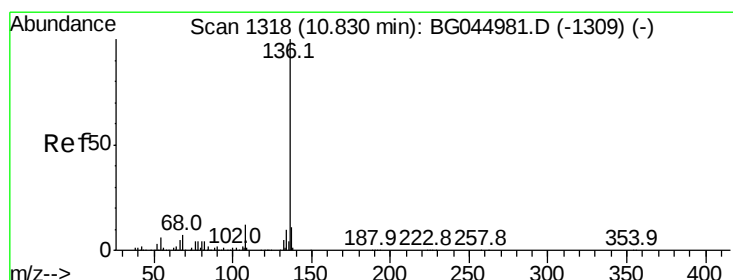
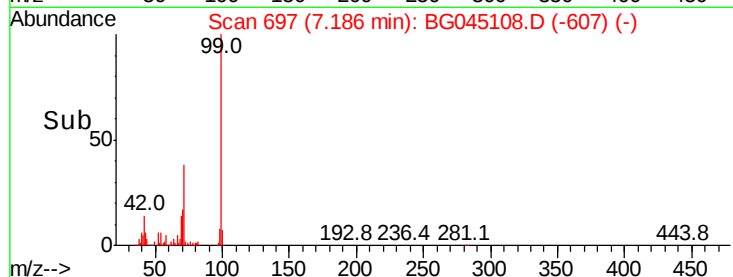
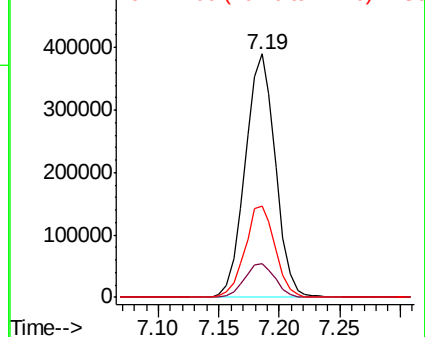
99 100

42 13.9 11.3 16.9

71 37.5 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Tgt Ion: 136 Resp: 227843

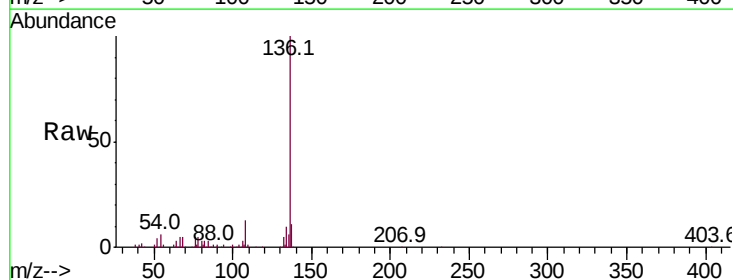
Ion Ratio Lower Upper

136 100

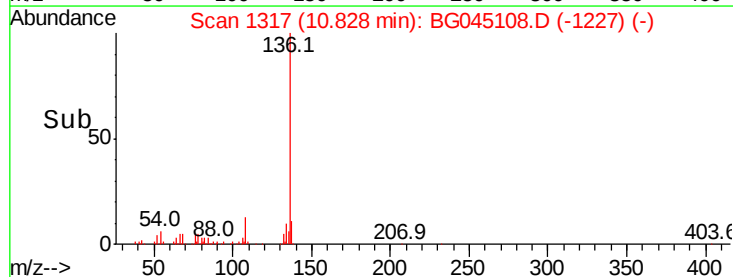
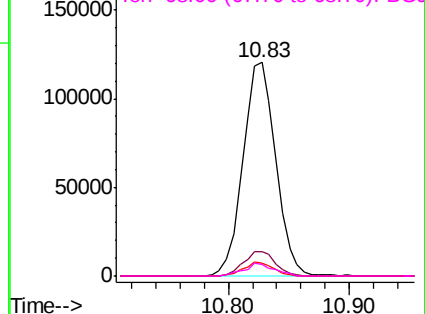
137 11.4 8.6 13.0

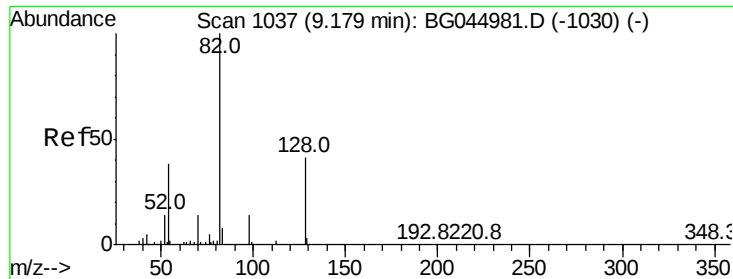
54 6.1 4.8 7.2

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

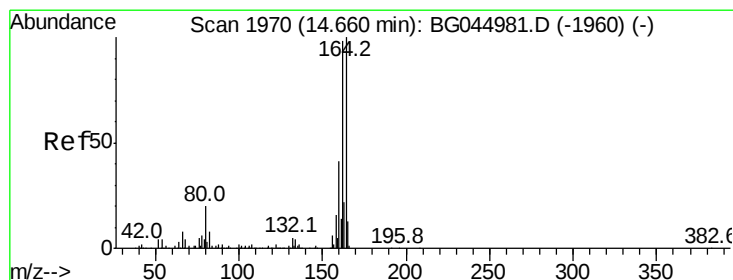
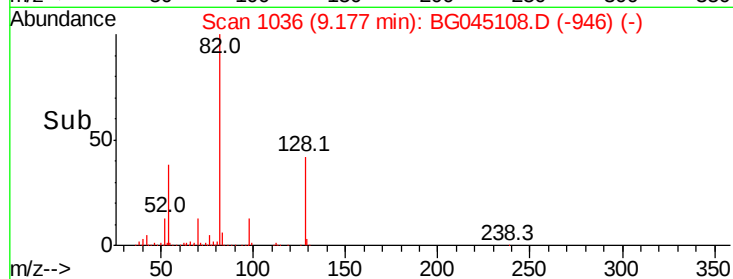
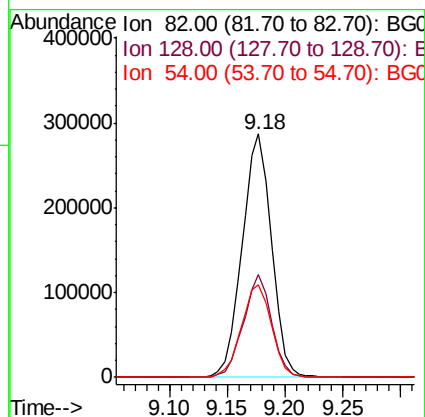
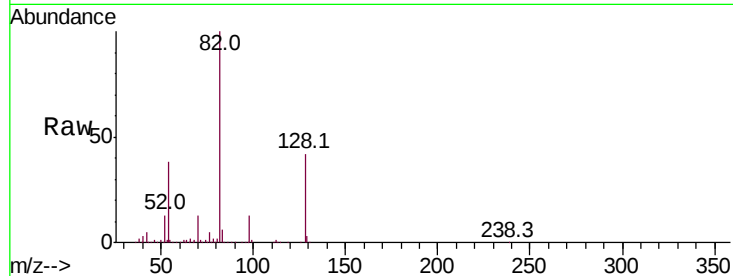




#23
Nitrobenzene-d5
Concen: 101.379 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

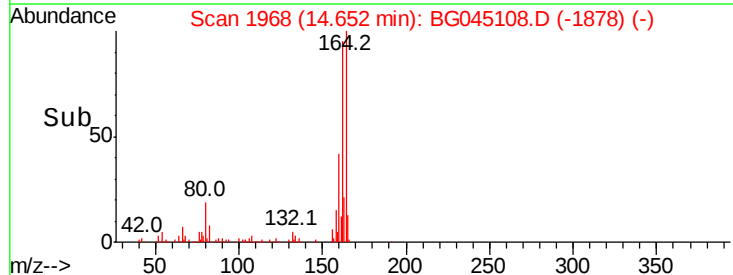
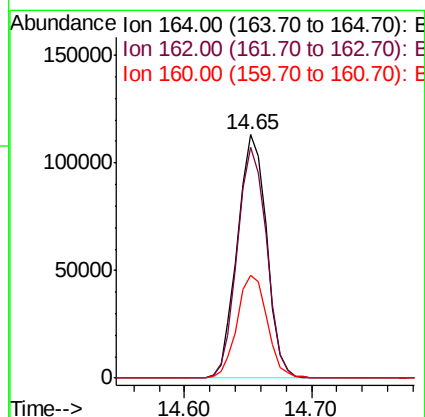
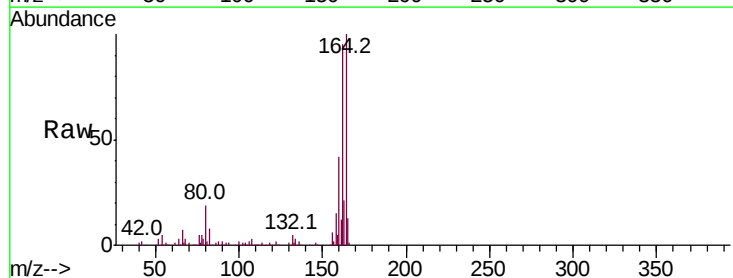
Instrument :
BNA_G
ClientSampleId :
PB128352TB

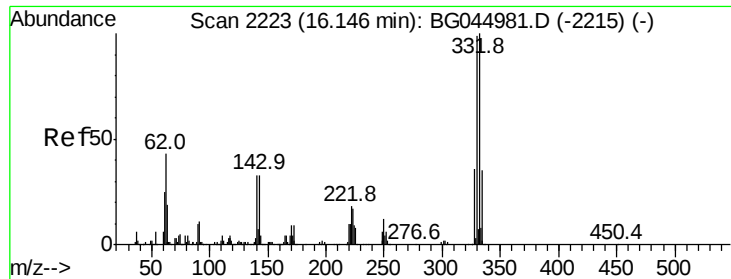
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.0	49.4
54	38.2	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG045108.D
Acq: 21 Apr 2020 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	78.7	118.1
160	42.2	32.8	49.2

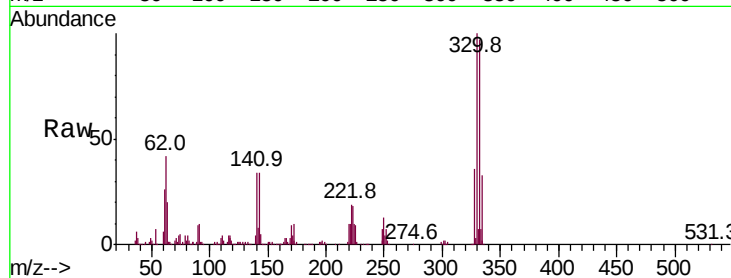




#42
 2,4,6-Tribromophenol
 Concen: 153.737 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045108.D
 Acq: 21 Apr 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB128352TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.1	118.7
141	34.4	27.1	40.7

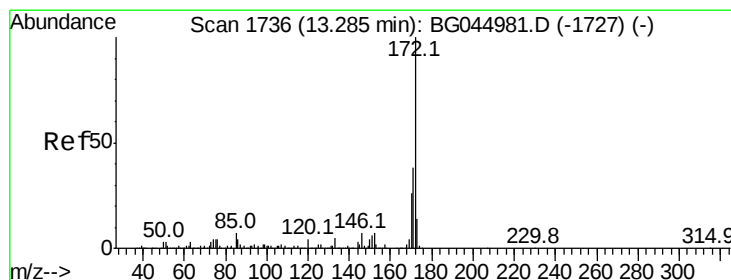
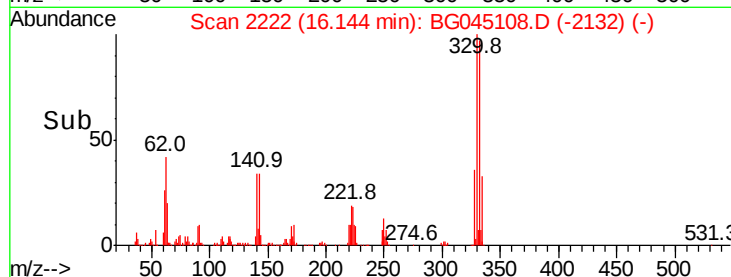
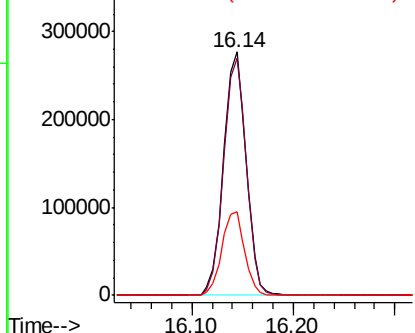


Abundance

Ion 329.80 (329.50 to 330.50): E

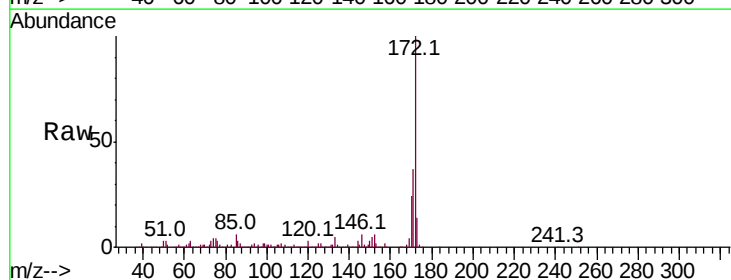
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.294 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045108.D
 Acq: 21 Apr 2020 12:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.2	20.5	30.7

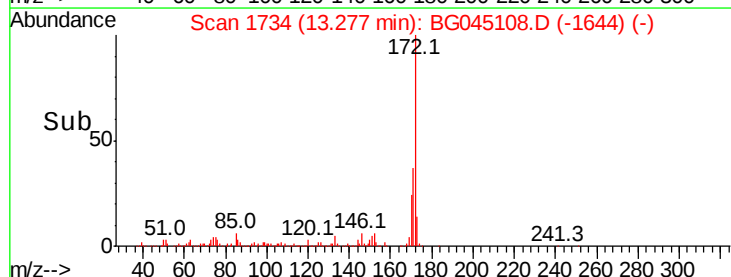
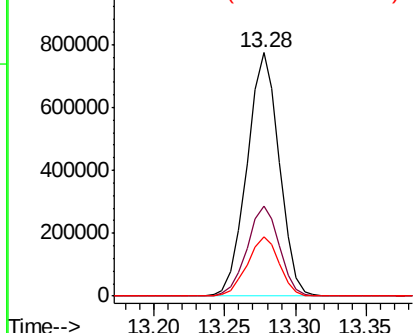


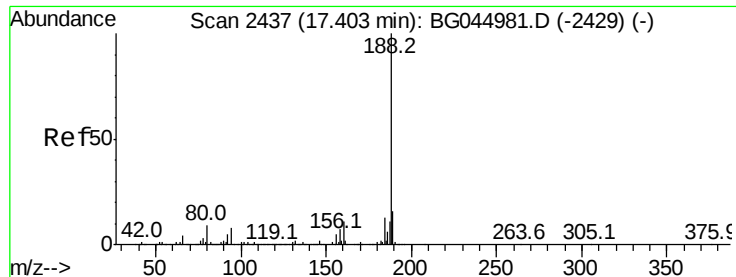
Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

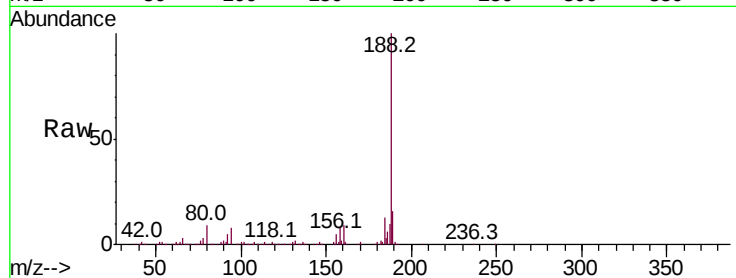
Tot Ion:188 Resp: 455879

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

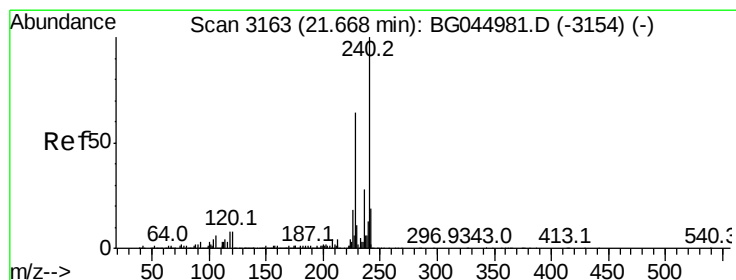
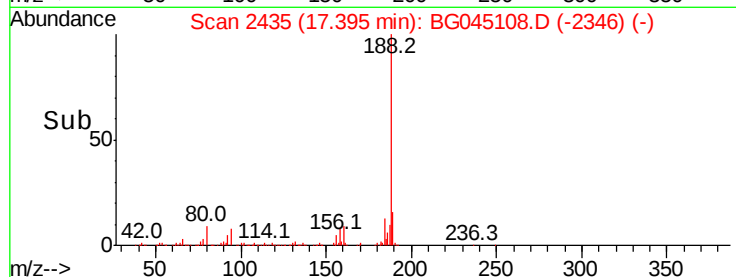
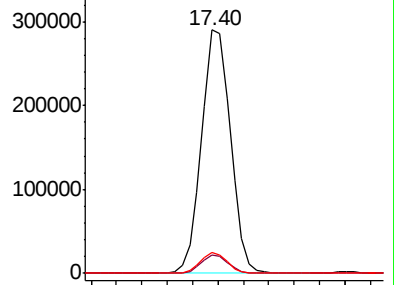
80 8.6 7.0 10.6



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

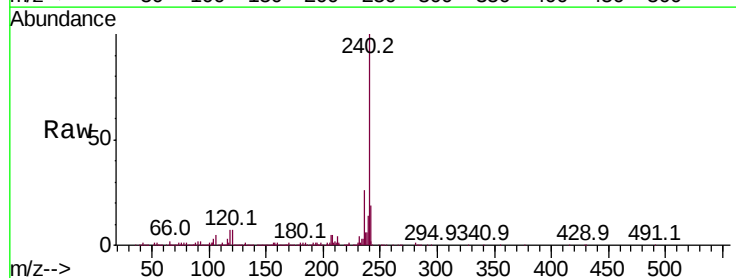
Tgt Ion:240 Resp: 471230

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

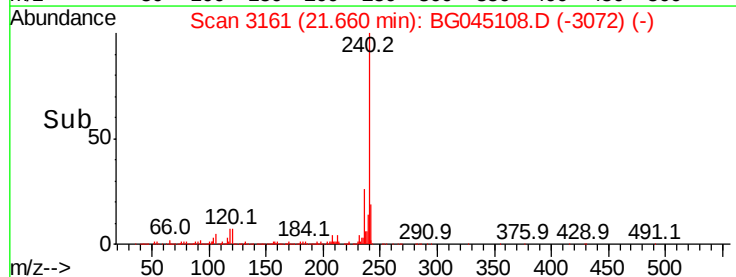
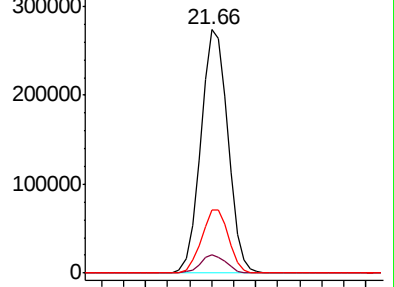
236 25.7 22.2 33.2

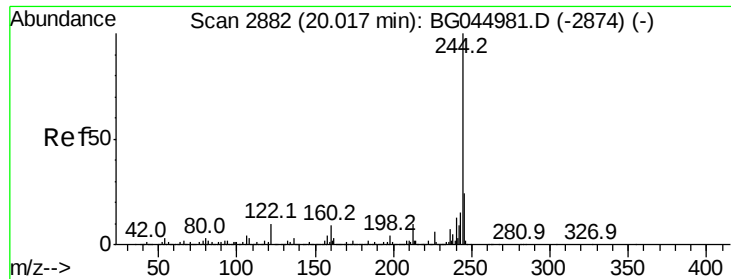


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.071 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB128352TB

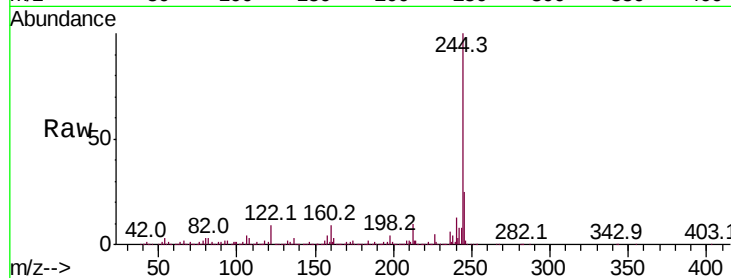
Tot Ion:244 Resp: 2314902

Ion Ratio Lower Upper

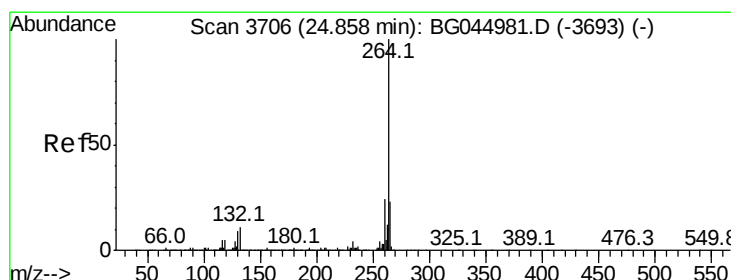
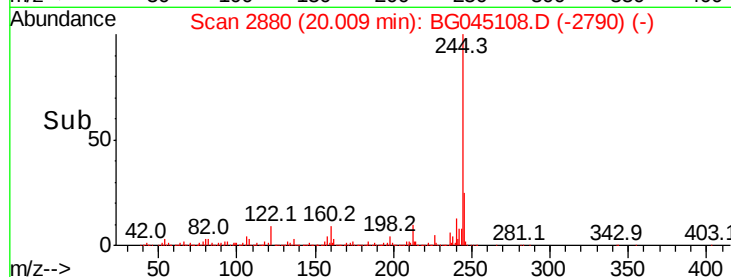
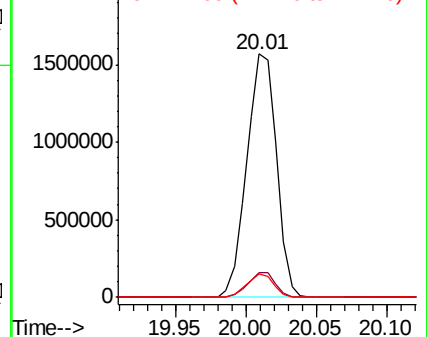
244 100

212 10.1 7.9 11.9

122 9.5 7.7 11.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045108.D

Acq: 21 Apr 2020 12:38

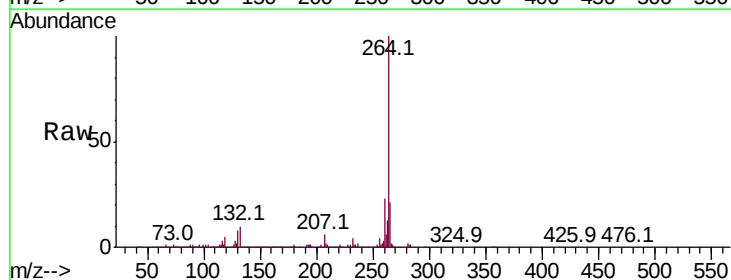
Tgt Ion:264 Resp: 502161

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 19.0 28.4



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

