

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045110.D
 Acq On : 21 Apr 2020 13:58
 Operator : CG/JU
 Sample : L2323-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-COMP

Quant Time: Apr 21 15:06:38 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

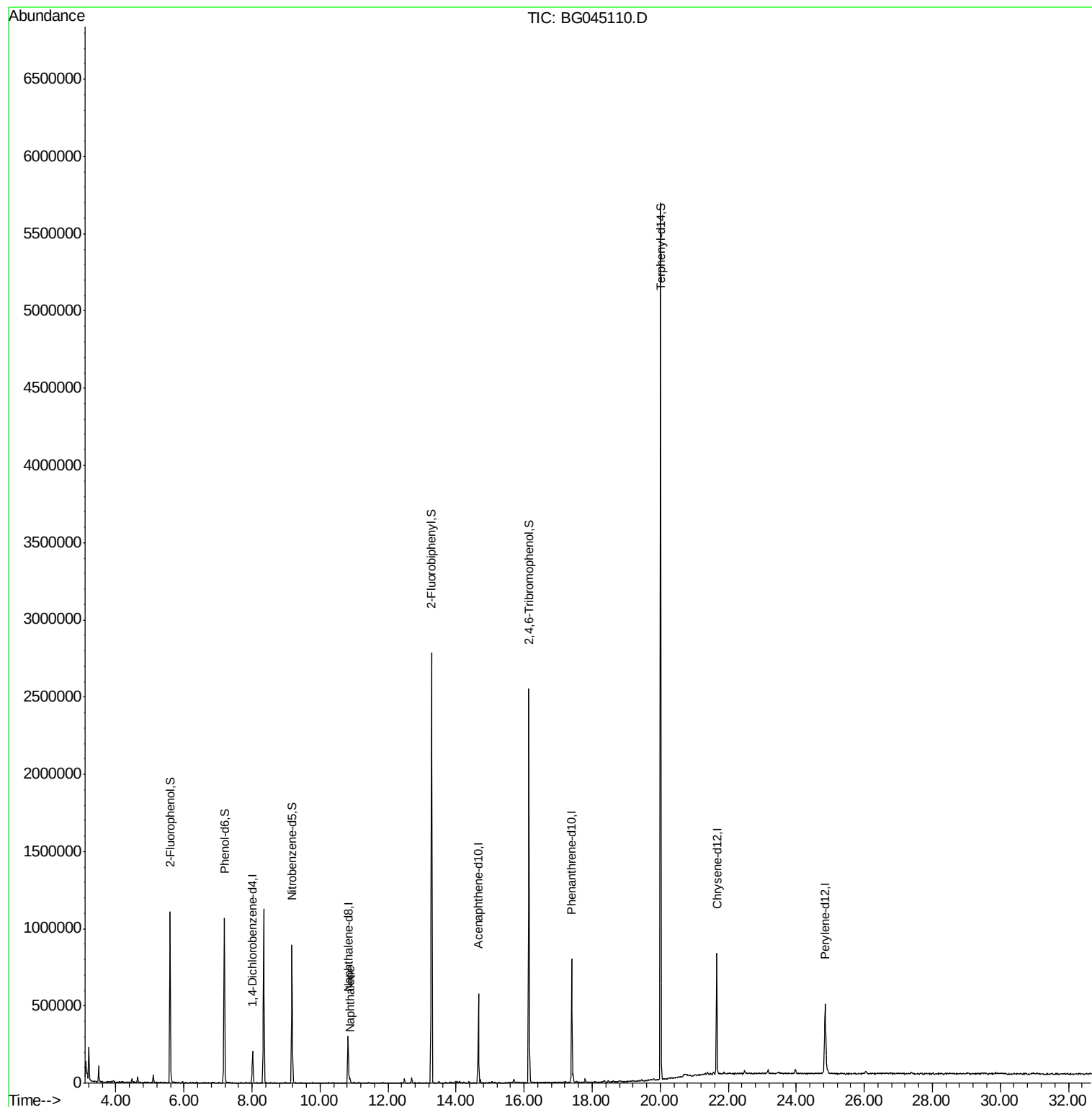
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	63883	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	266605	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	212260	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	519750	20.00	ng	0.00
76) Chrysene-d12	21.66	240	494303	20.00	ng	0.00
87) Perylene-d12	24.85	264	519914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	534198	138.05	ng	0.00
7) Phenol-d6	7.19	99	702456	122.19	ng	0.00
23) Nitrobenzene-d5	9.17	82	620331	106.17	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	524485	159.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1525695	105.40	ng	0.00
79) Terphenyl-d14	20.01	244	2550899	112.48	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	29575	2.028	ng	Qvalue 97

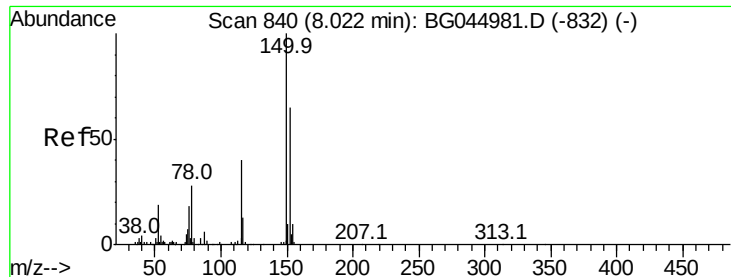
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

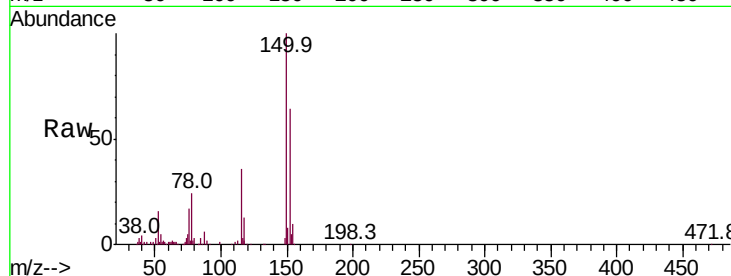
Tot Ion:152 Resp: 63883

Ion Ratio Lower Upper

152 100

150 155.6 123.6 185.4

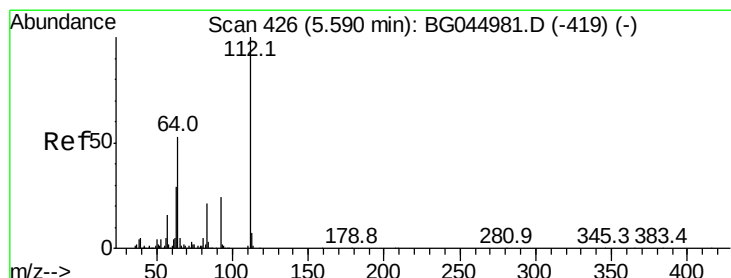
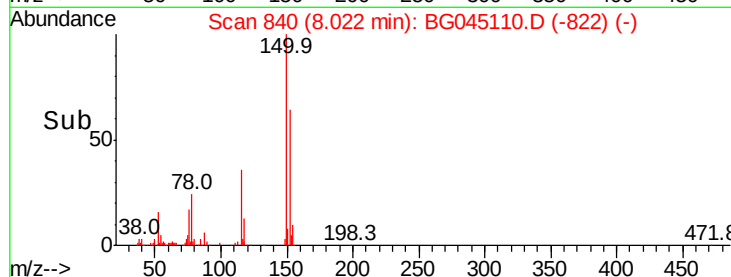
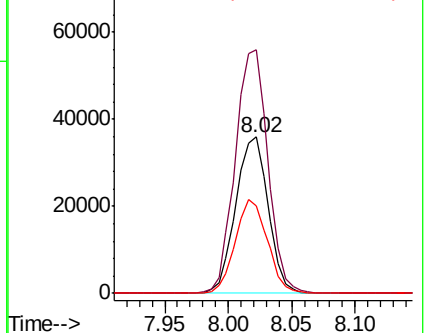
115 56.2 49.1 73.7



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: 138.054 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

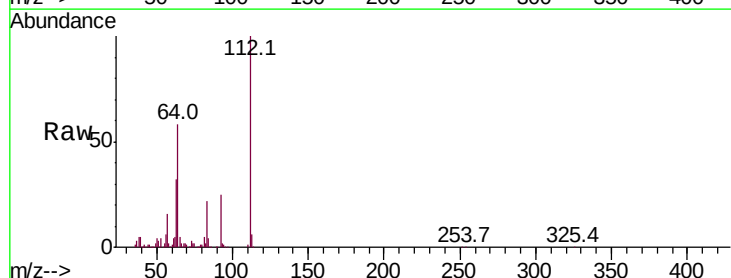
Tgt Ion:112 Resp: 534198

Ion Ratio Lower Upper

112 100

64 58.1 42.4 63.6

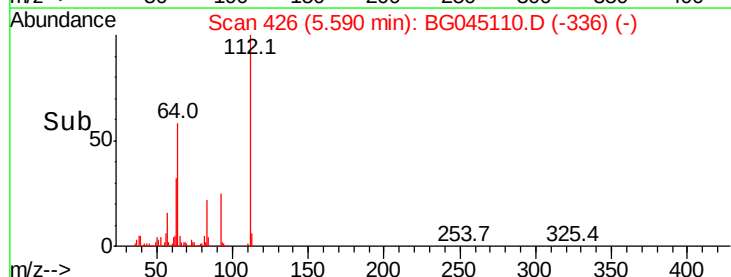
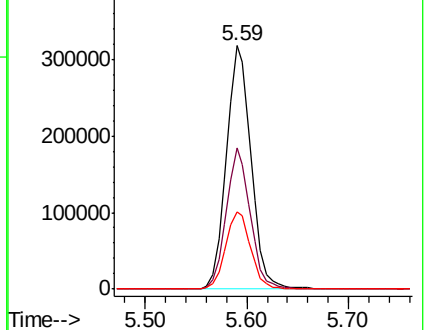
63 31.7 23.1 34.7

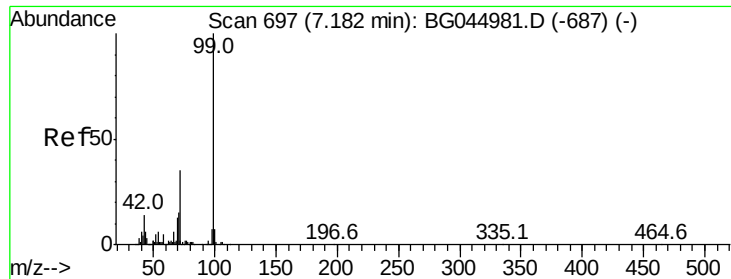


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.186 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

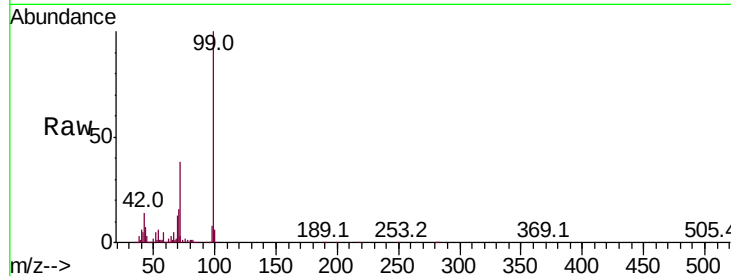
Tot Ion: 99 Resp: 702456

Ion Ratio Lower Upper

99 100

42 14.4 11.3 16.9

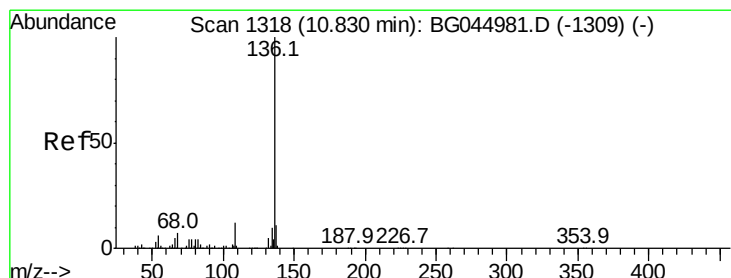
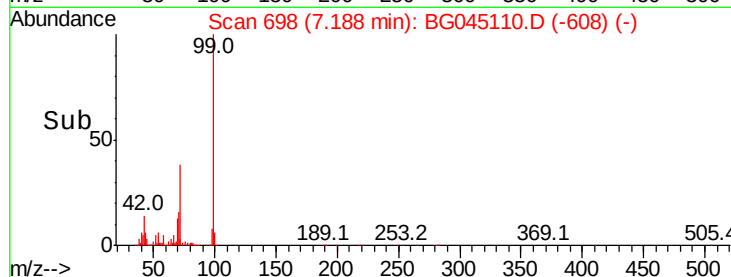
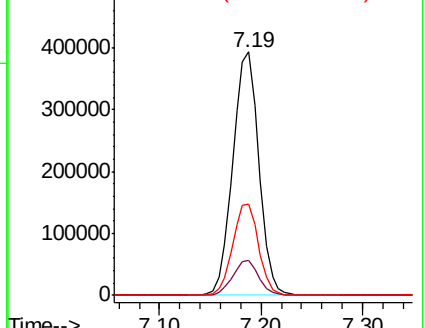
71 37.7 28.3 42.5



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: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Tgt Ion: 136 Resp: 266605

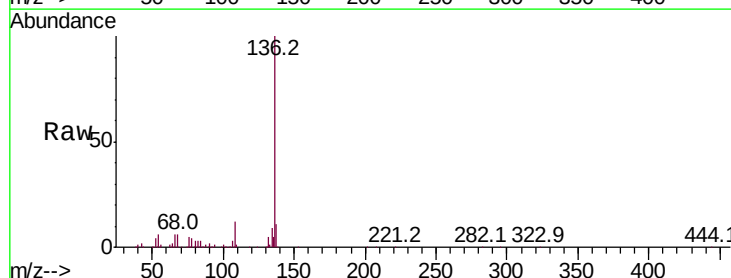
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.4 4.8 7.2

68 6.1 5.2 7.8

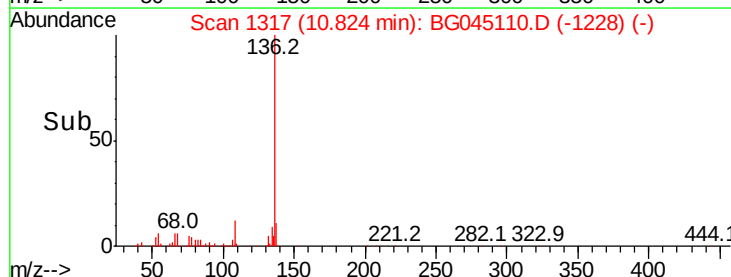
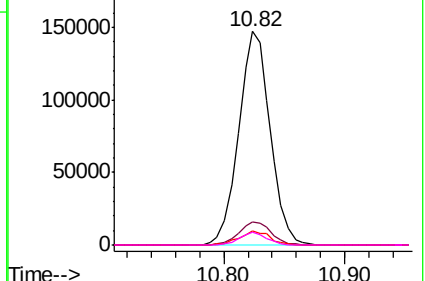


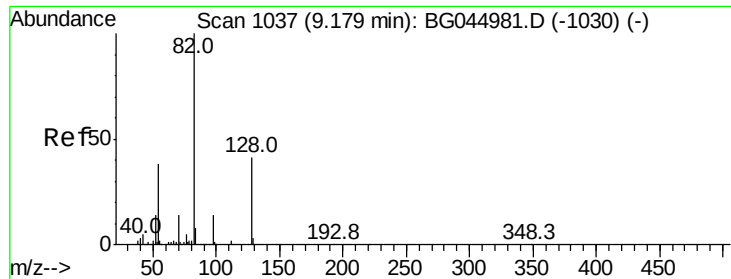
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

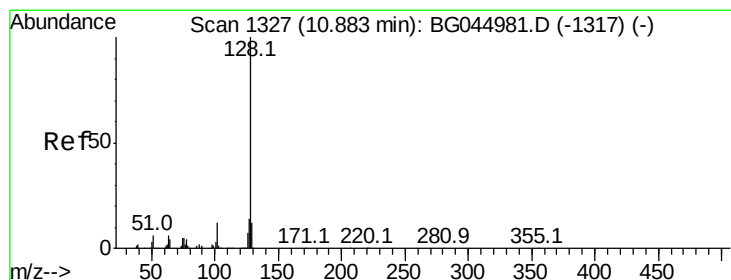
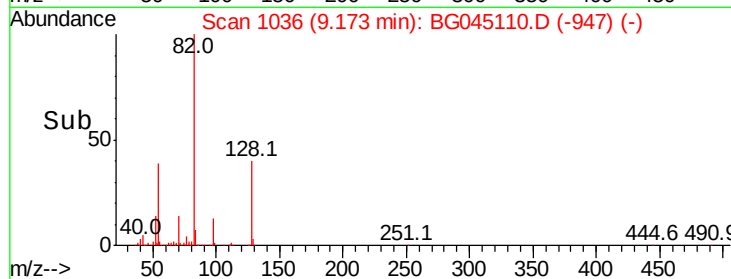
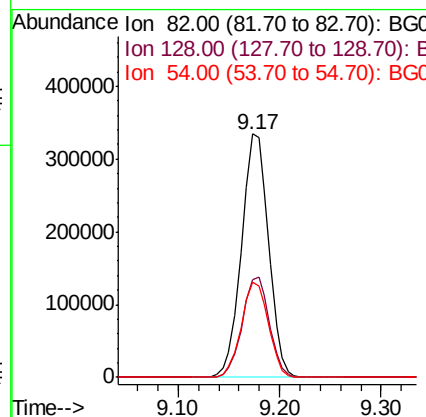
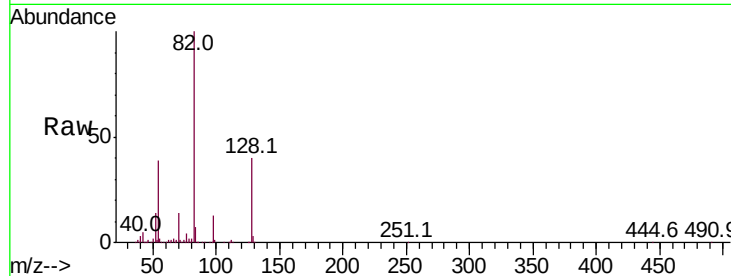




#23
Nitrobenzene-d5
Concen: 106.168 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

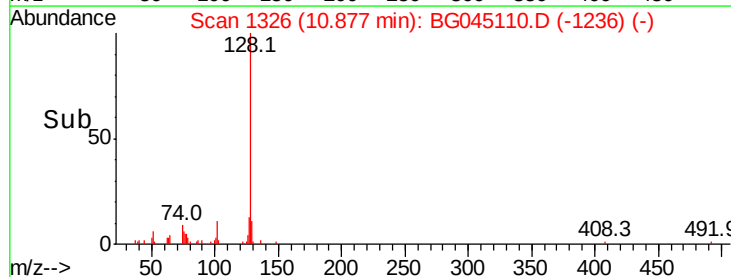
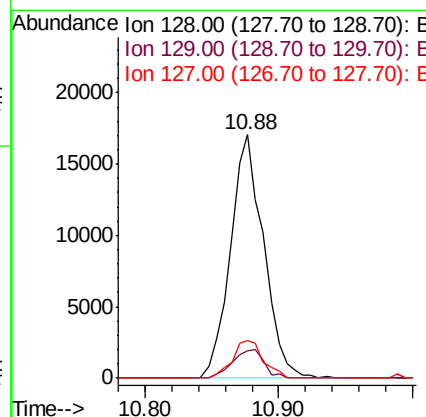
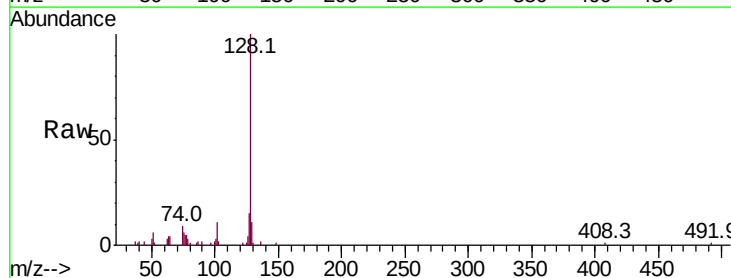
Instrument :
BNA_G
ClientSampleId :
TP-20-COMP

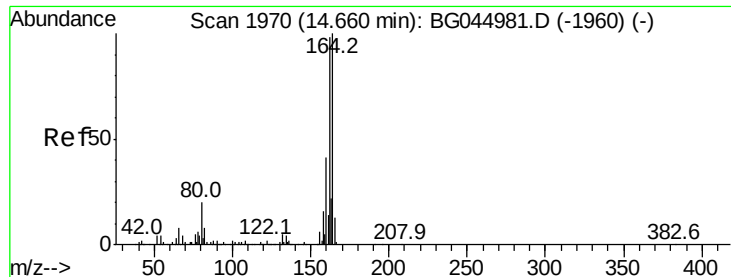
Tot Ion	82	Resp	620331
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.4
54	38.9	30.4	45.6



#31
Naphthalene
Concen: 2.028 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045110.D
Acq: 21 Apr 2020 13:58

Tgt Ion	128	Resp	29575
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.4	14.2
127	15.3	10.8	16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

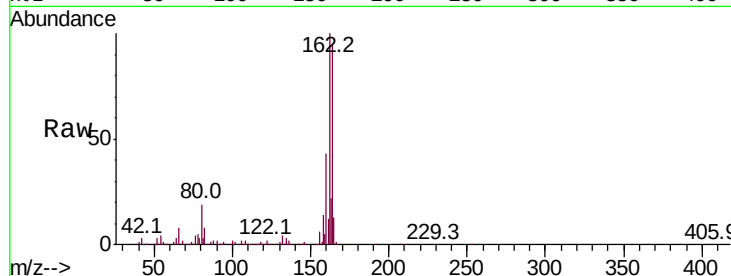
Tot Ion:164 Resp: 212260

Ion Ratio Lower Upper

164 100

162 105.6 78.7 118.1

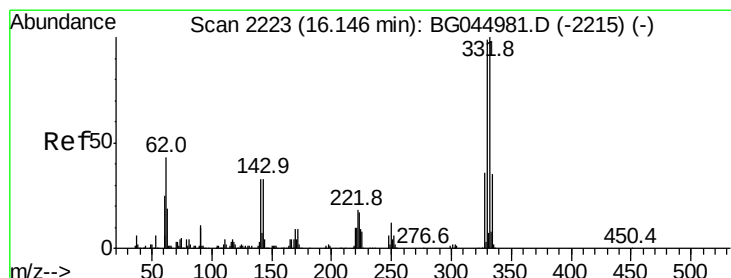
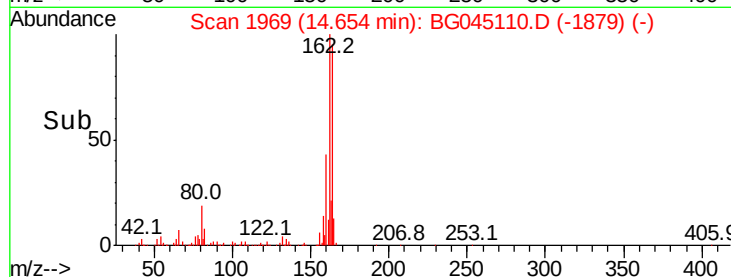
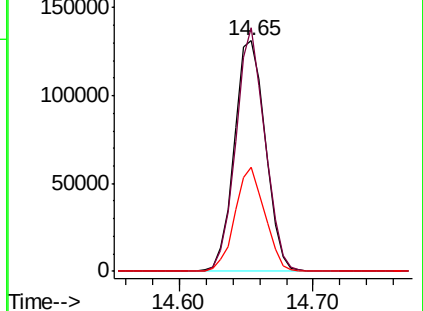
160 44.9 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 159.946 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

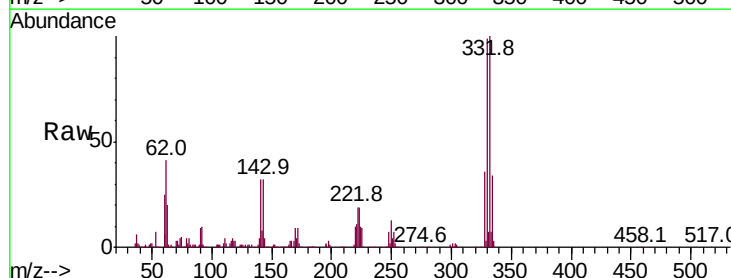
Tgt Ion:330 Resp: 524485

Ion Ratio Lower Upper

330 100

332 99.5 79.1 118.7

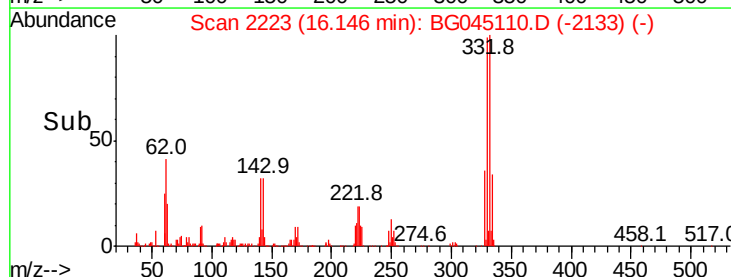
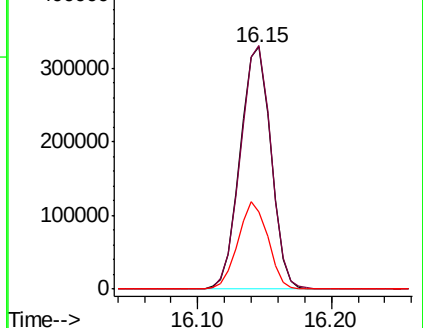
141 35.1 27.1 40.7

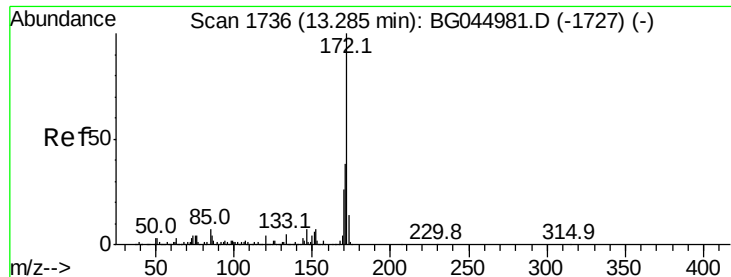


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



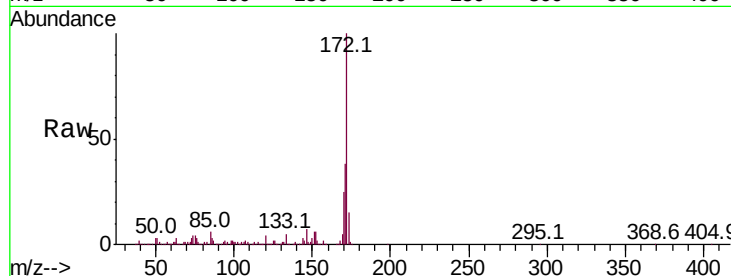


#45
 2-Fluorobiphenyl
 Concen: 105.397 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

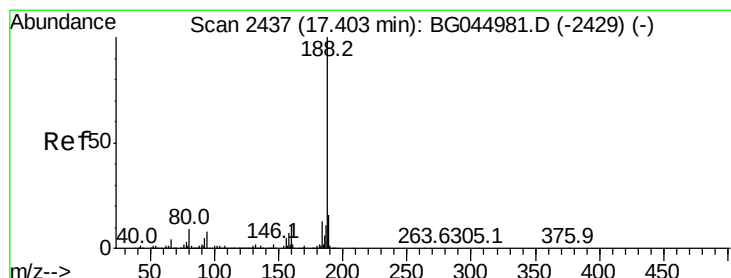
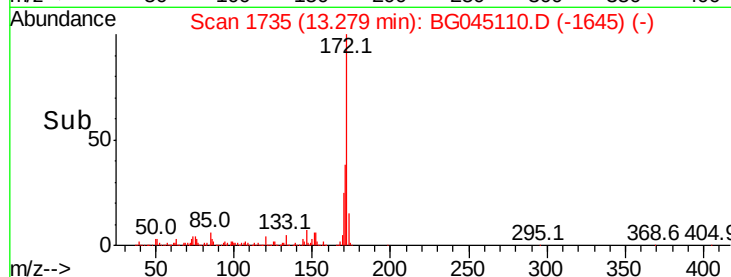
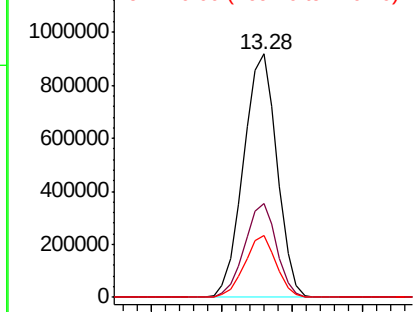
Instrument :
 BNA_G
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 TP-20-COMP

Tot Ion:172 Resp: 1525695

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.6	46.0
170	25.2	20.5	30.7



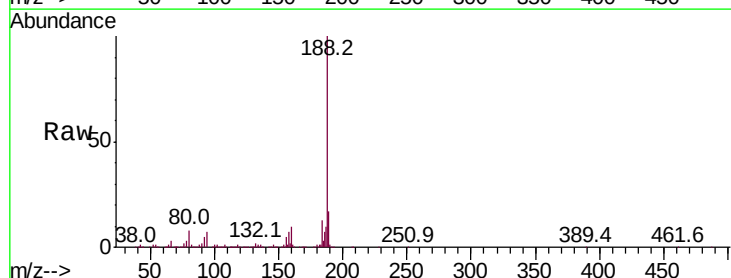
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



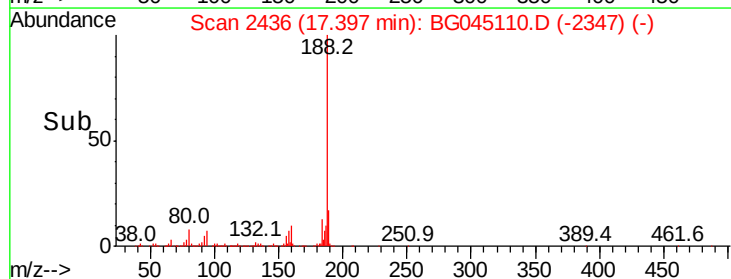
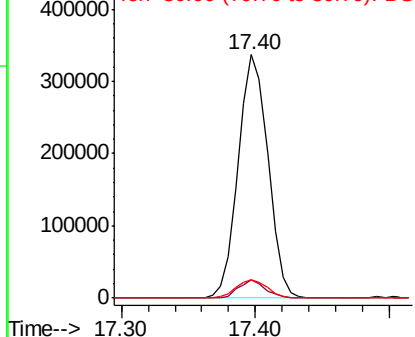
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG045110.D
 Acq: 21 Apr 2020 13:58

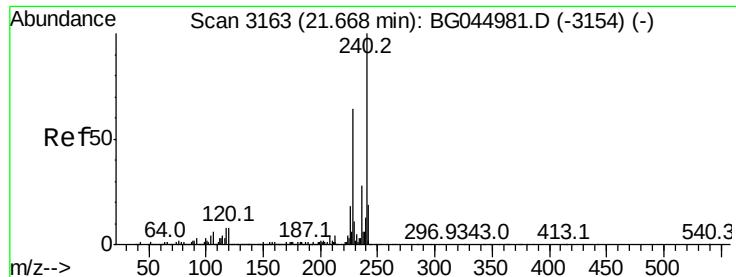
Tgt Ion:188 Resp: 519750

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	7.7	7.0	10.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

TP-20-COMP

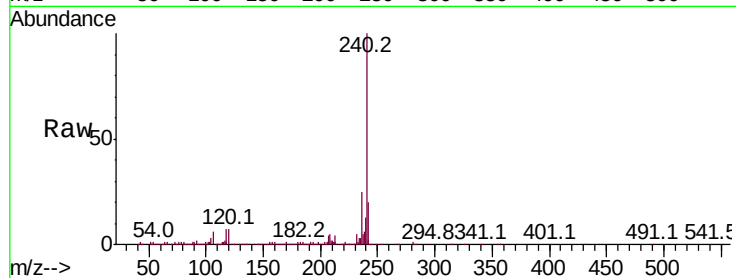
Tot Ion:240 Resp: 494303

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

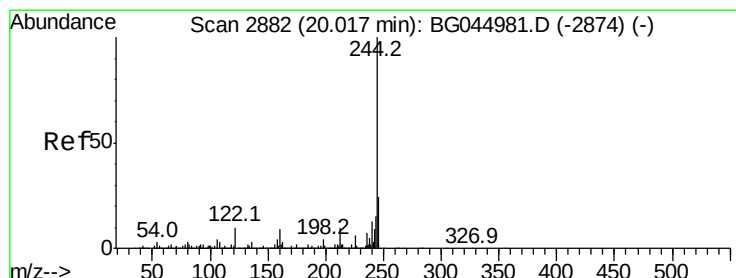
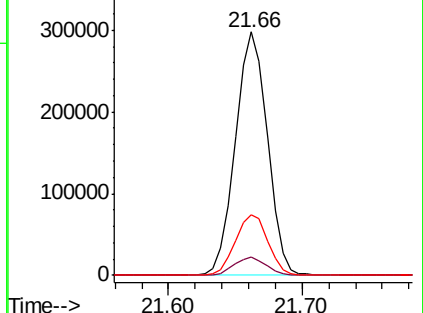
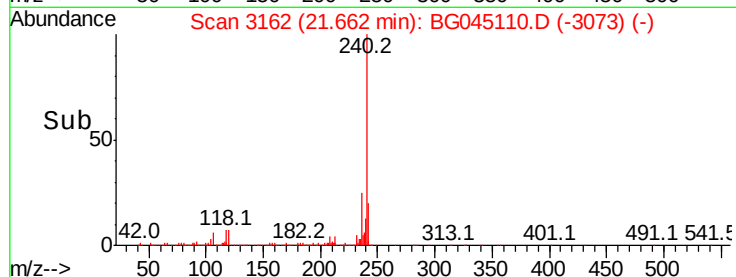
236 24.7 22.2 33.2



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: 112.479 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

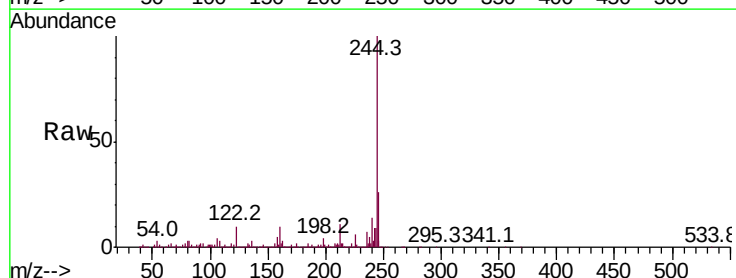
Tgt Ion:244 Resp: 2550899

Ion Ratio Lower Upper

244 100

212 11.1 7.9 11.9

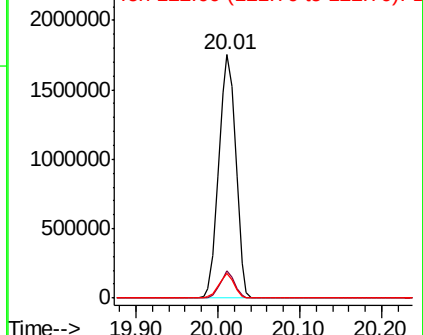
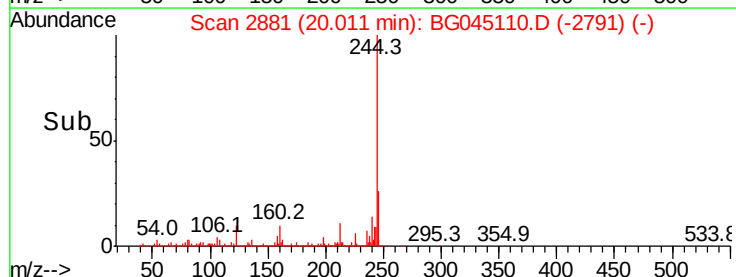
122 10.1 7.7 11.5

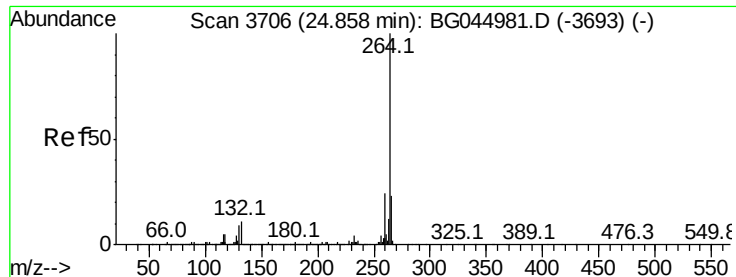


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG045110.D

Acq: 21 Apr 2020 13:58

Instrument :

BNA_G

ClientSampleId :

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Tot Ion:264 Resp: 519914

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.9 19.0 28.4

