

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045053.D
 Acq On : 18 Apr 2020 5:46
 Operator : CG/JU
 Sample : L2249-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Apr 18 07:31:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

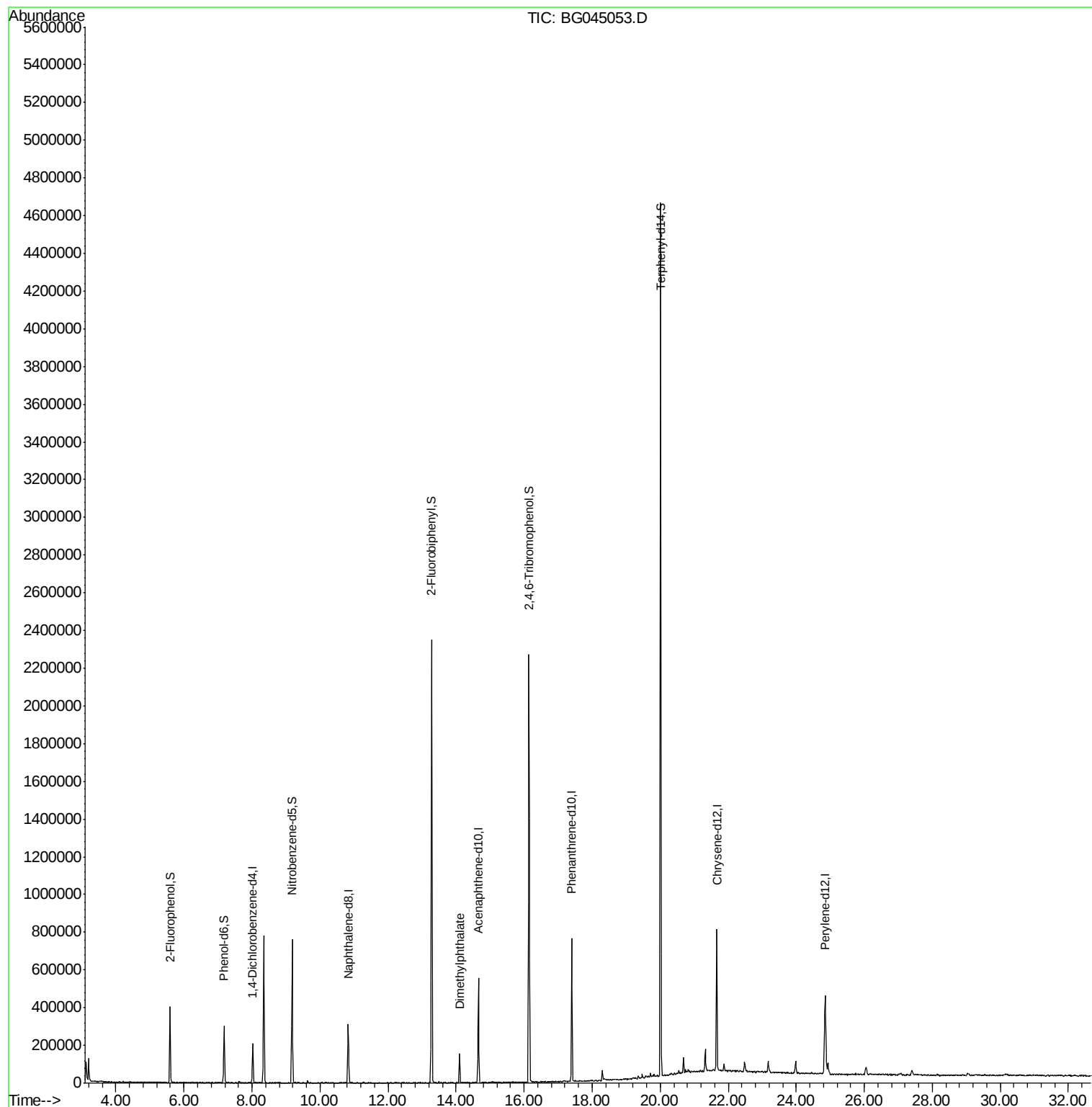
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60178	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	273995	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	212852	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496308	20.00	ng	0.00
76) Chrysene-d12	21.66	240	461111	20.00	ng	0.00
87) Perylene-d12	24.85	264	497768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	195193	53.55	ng	0.00
7) Phenol-d6	7.18	99	199197	36.78	ng	0.00
23) Nitrobenzene-d5	9.18	82	505020	84.10	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	460886	140.16	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1263934	87.07	ng	0.00
79) Terphenyl-d14	20.01	244	2162616	102.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	105645	6.096	ng	Qvalue 100

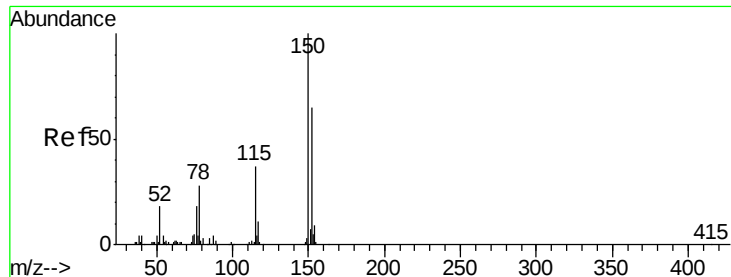
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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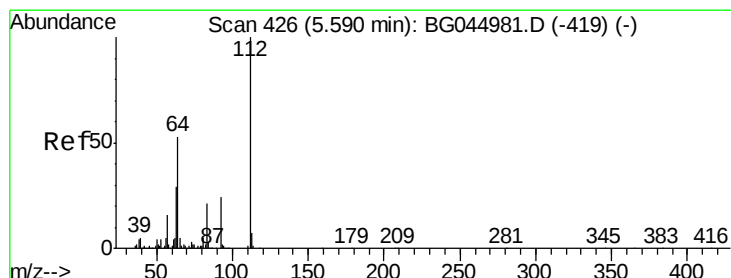
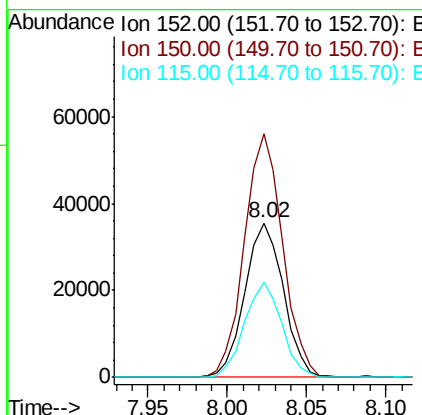
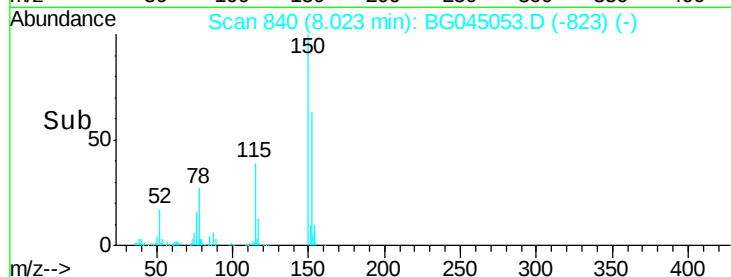
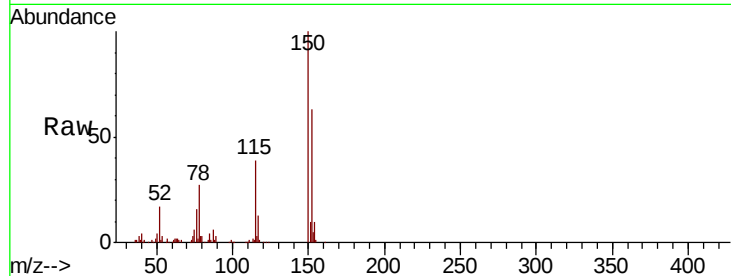




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

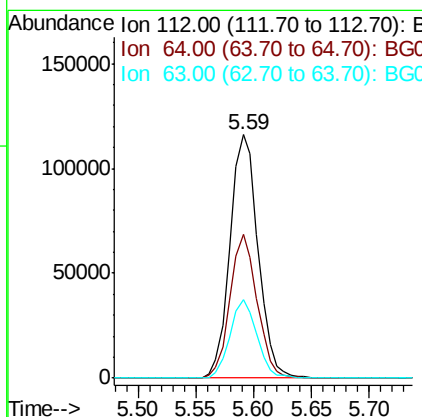
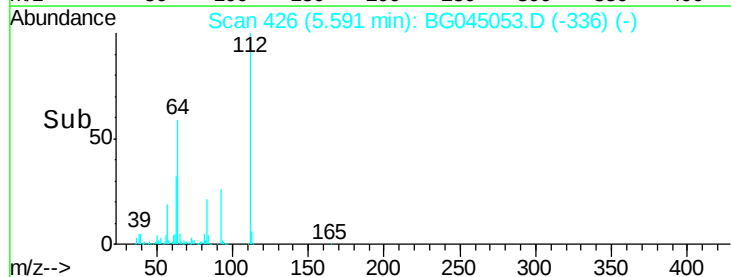
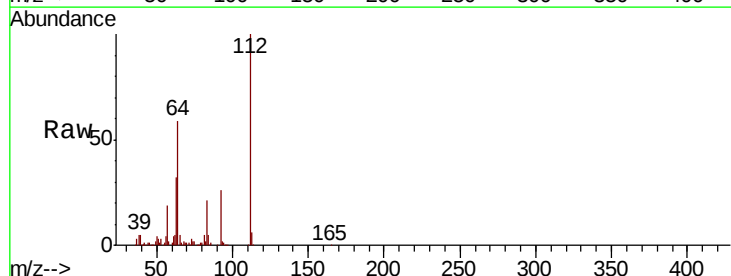
Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion:152	Resp:	60178
Ion Ratio	Lower	Upper
152	100	
150	157.5	123.6 185.4
115	61.8	49.1 73.7



#5
 2-Fluorophenol
 Concen: 53.550 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

Tgt Ion:112	Resp:	195193
Ion Ratio	Lower	Upper
112	100	
64	58.8	42.4 63.6
63	32.3	23.1 34.7





#7

Phenol-d6

Concen: 36.782 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045053.D

Acq: 18 Apr 2020 5:46

Instrument :

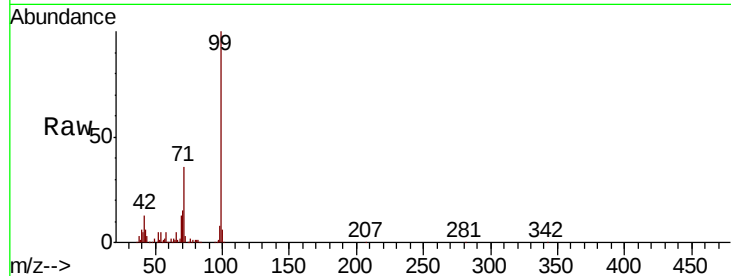
BNA_G

ClientSampleId :

WC-3

Tot Ion: 99 Resp: 199197

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.3	16.9
71	36.1	28.3	42.5

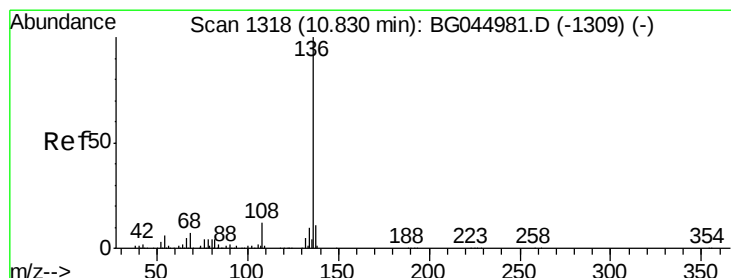
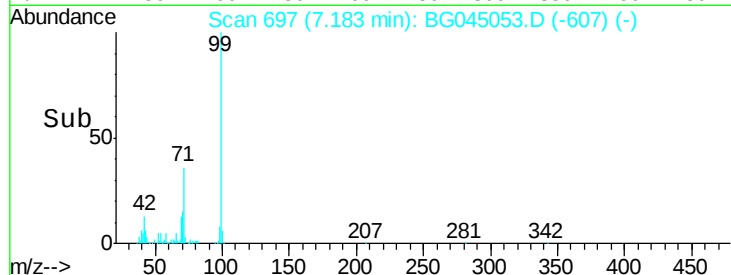
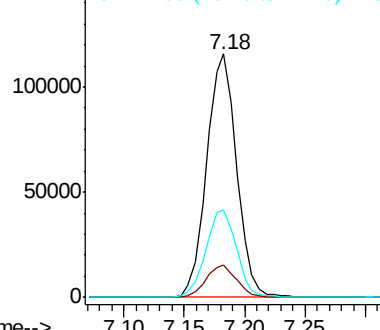


Abundance

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# 1318

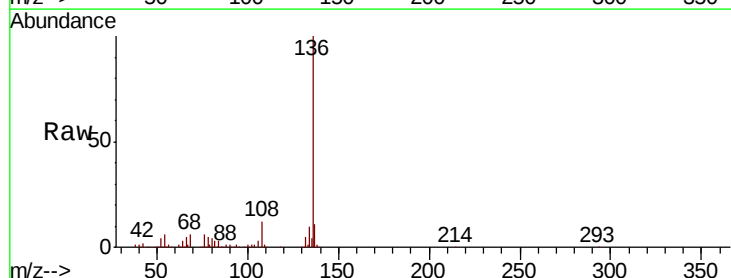
Delta R.T. -0.00 min

Lab File: BG045053.D

Acq: 18 Apr 2020 5:46

Tgt Ion: 136 Resp: 273995

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.7	4.8	7.2
68	5.5	5.2	7.8



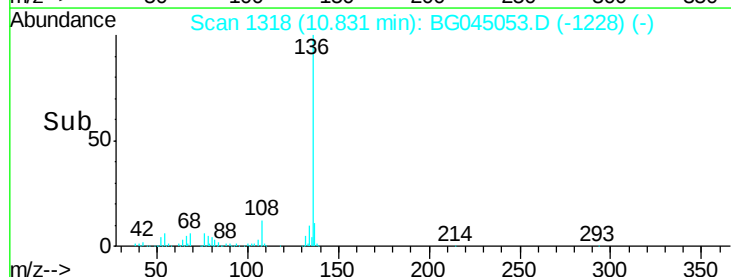
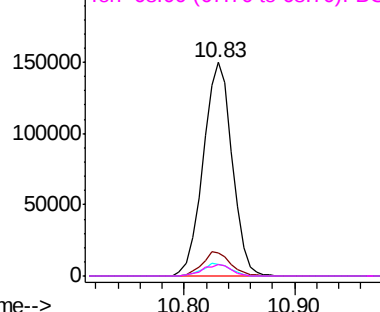
Abundance

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

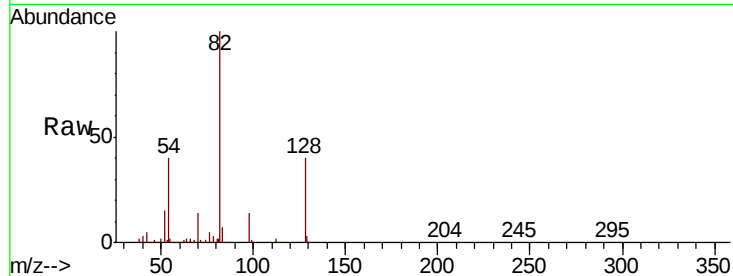




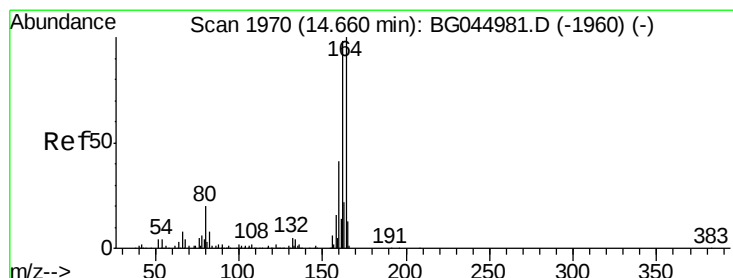
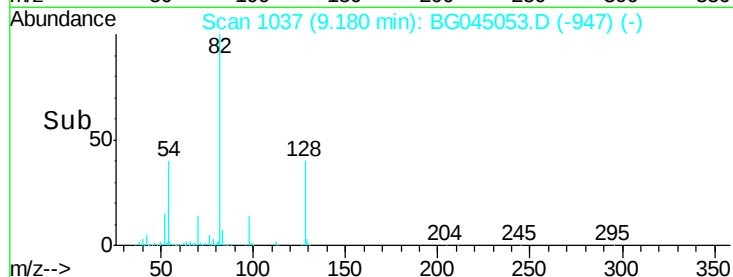
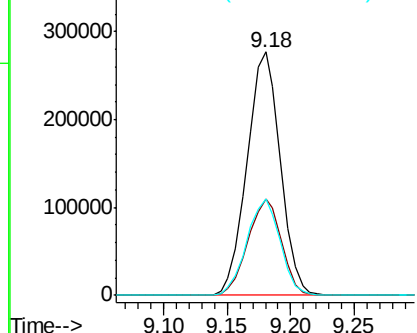
#23
 Nitrobenzene-d5
 Concen: 84.102 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion	82	Resp	505020
Ion Ratio	Lower	Upper	
82	100		
128	39.7	33.0	49.4
54	39.5	30.4	45.6

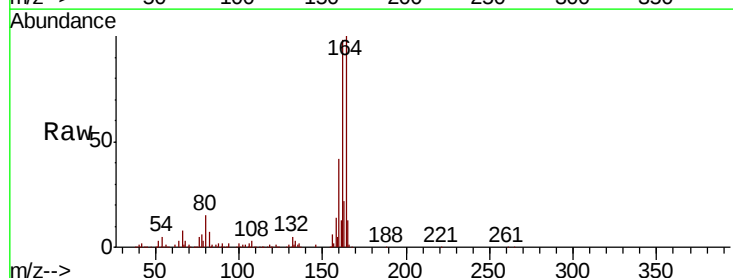


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

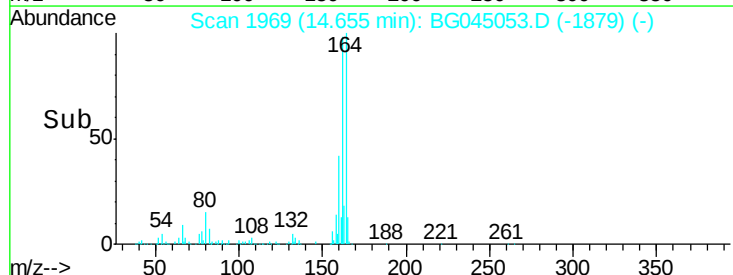
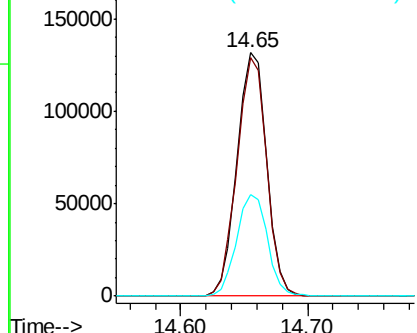


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

Tgt Ion	164	Resp	212852
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.7	118.1
160	41.7	32.8	49.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

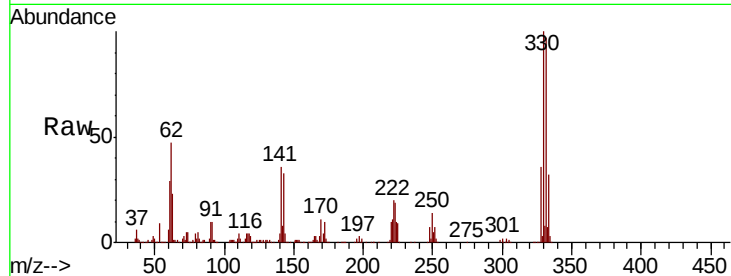




#42
 2,4,6-Tribromophenol
 Concen: 140.160 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	35.8	27.1	40.7

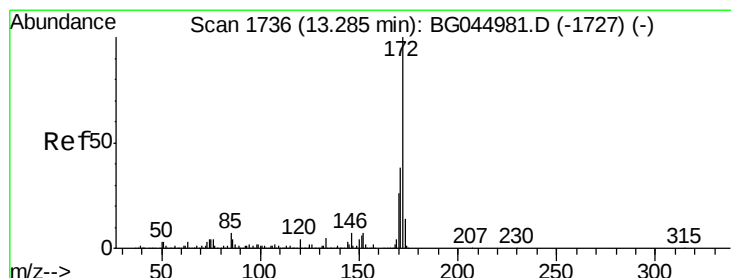
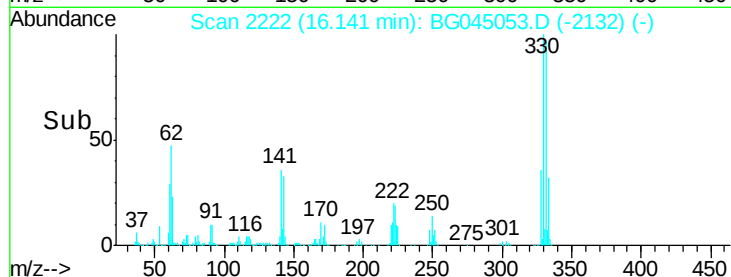
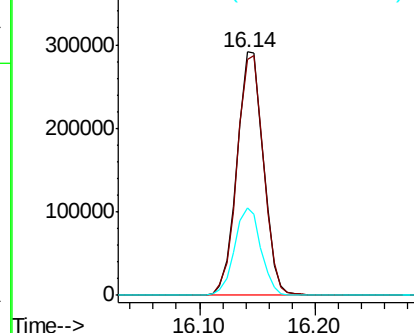


Abundance

Ion 329.80 (329.50 to 330.50): E

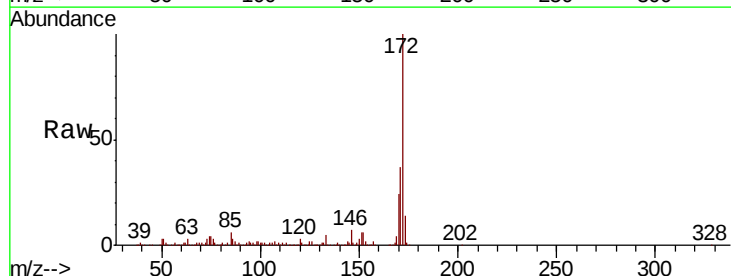
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.071 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	23.8	20.5	30.7

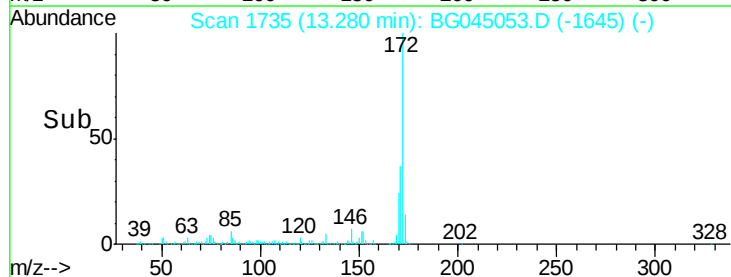
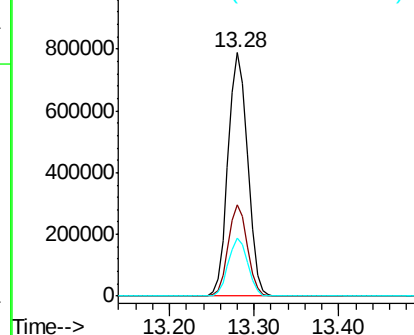


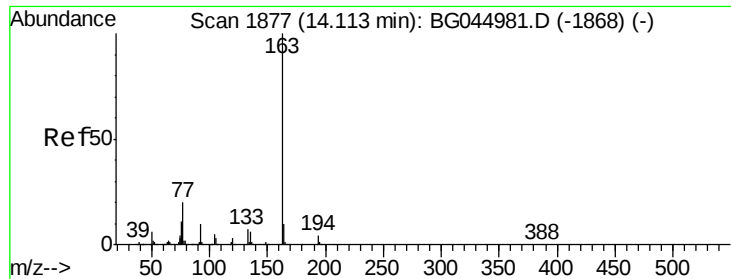
Abundance

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

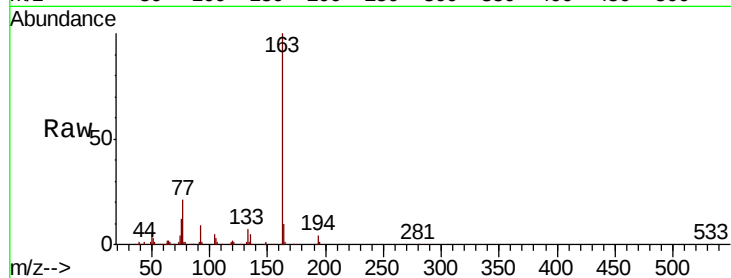




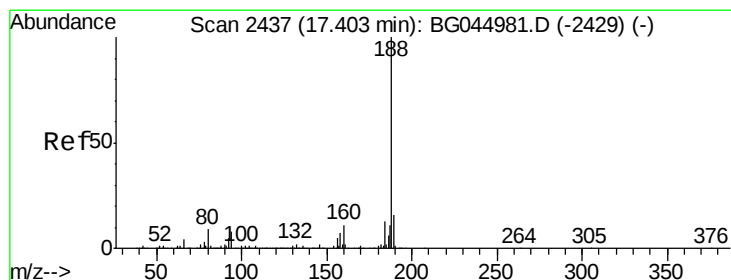
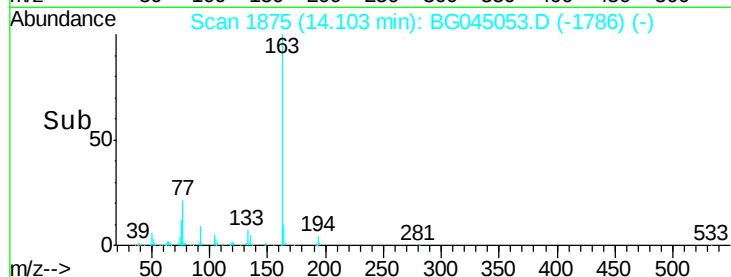
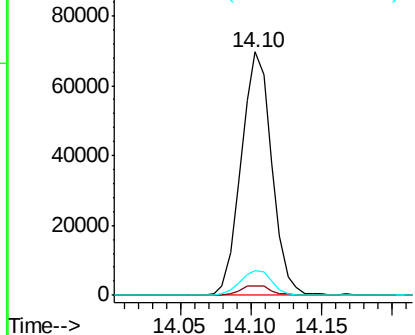
#50
Dimethylphthalate
Concen: 6.096 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Instrument :
BNA_G
ClientSampleId :
WC-3

Tot Ion	163	Resp	105645
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.3	8.2	12.4

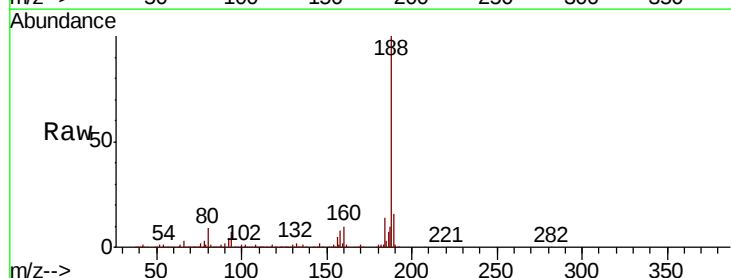


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

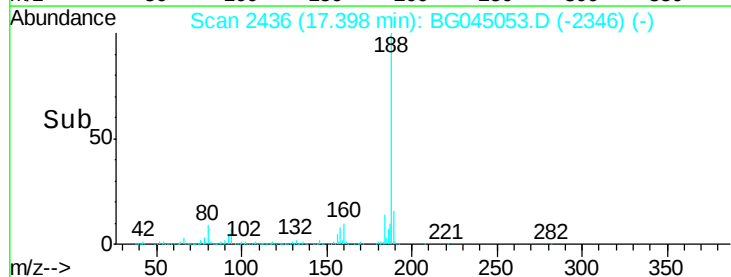
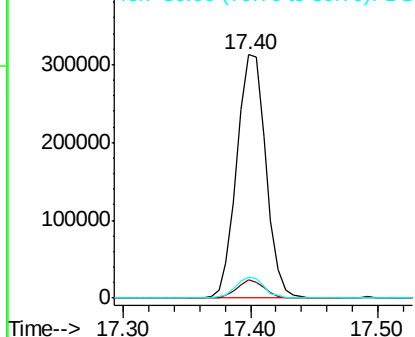


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion	188	Resp	496308
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.2	9.4
80	8.7	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

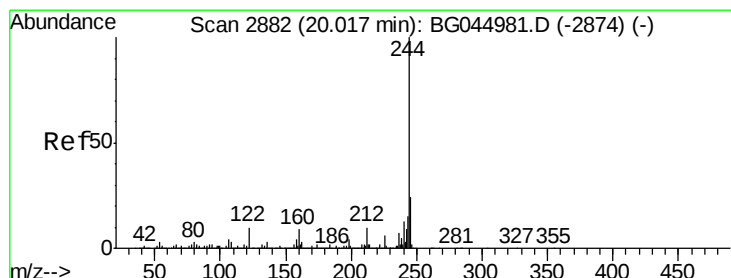
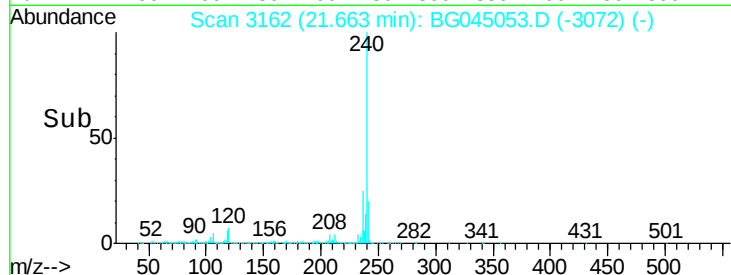
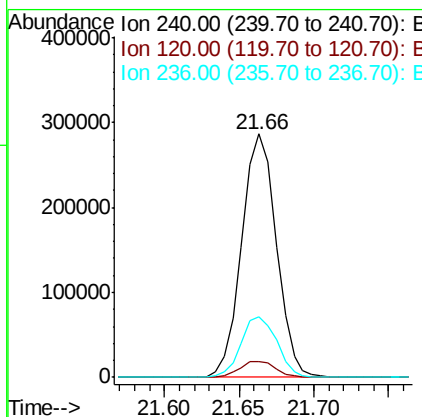
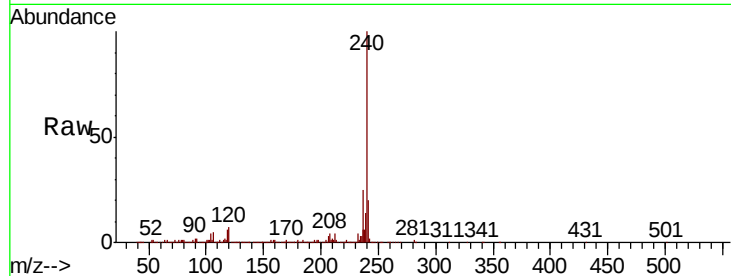




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

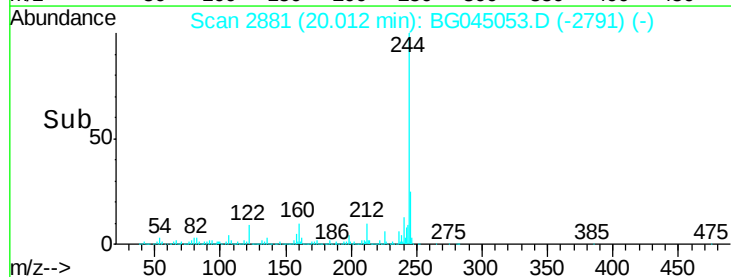
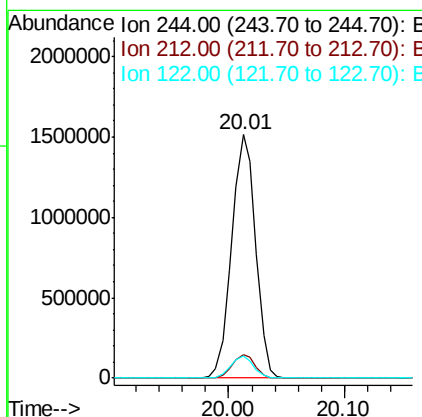
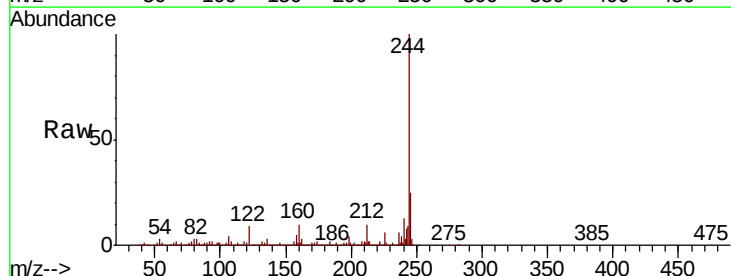
Instrument :
BNA_G
ClientSampleId :
WC-3

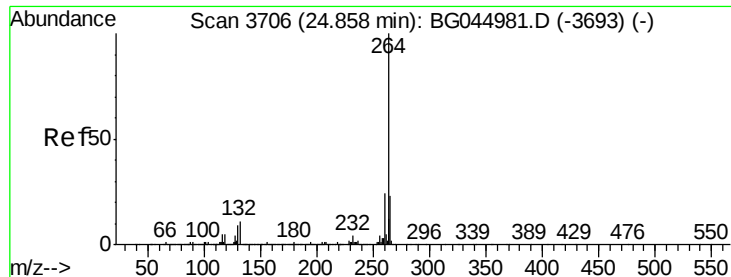
Tot Ion:240 Resp: 461111
Ion Ratio Lower Upper
240 100
120 6.6 6.6 10.0
236 24.7 22.2 33.2



#79
Terphenyl-d14
Concen: 102.222 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045053.D
Acq: 18 Apr 2020 5:46

Tgt Ion:244 Resp: 2162616
Ion Ratio Lower Upper
244 100
212 9.6 7.9 11.9
122 9.0 7.7 11.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BG045053.D
 Acq: 18 Apr 2020 5:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	22.3	19.0	28.4

