

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045317.D
 Acq On : 12 May 2020 6:03
 Operator : CG/JU
 Sample : L2557-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13A

Quant Time: May 12 07:22:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

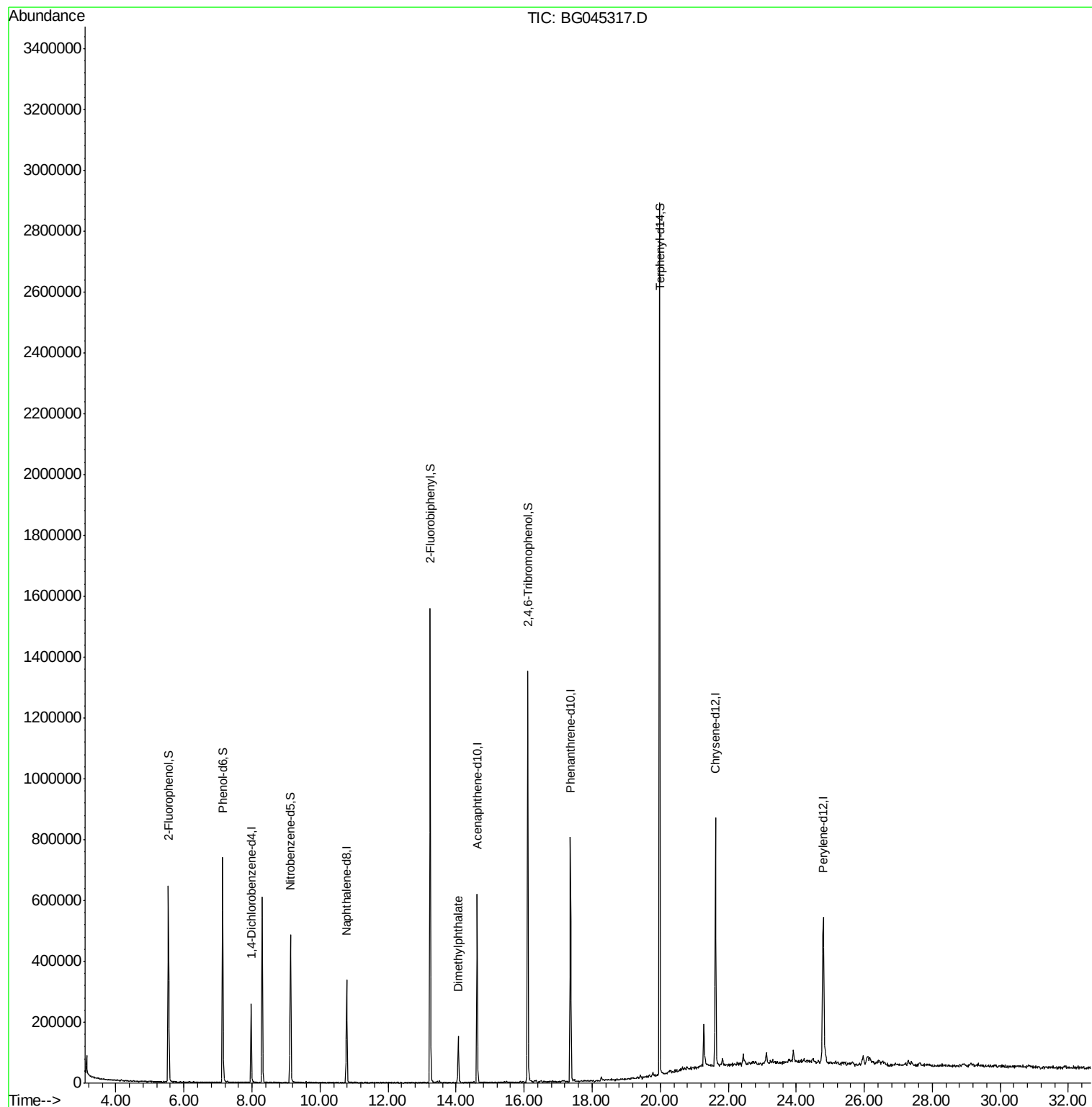
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	72861	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	311526	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	236197	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	549036	20.00	ng	0.00
76) Chrysene-d12	21.63	240	517542	20.00	ng	-0.01
87) Perylene-d12	24.79	264	556241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	316390	71.69	ng	0.00
7) Phenol-d6	7.14	99	504529	76.94	ng	0.00
23) Nitrobenzene-d5	9.13	82	341069	49.96	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	287464	78.78	ng	-0.01
45) 2-Fluorobiphenyl	13.24	172	838051	52.03	ng	0.00
79) Terphenyl-d14	19.98	244	1447938	60.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	108581	5.65	ng	Qvalue 97

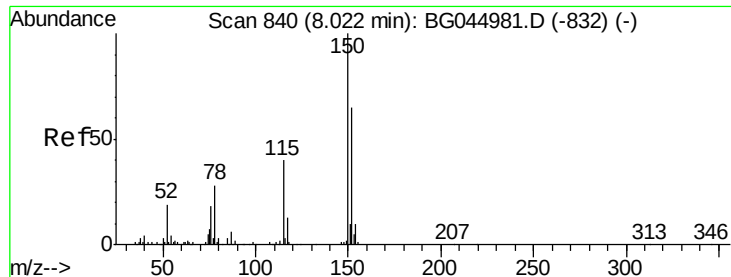
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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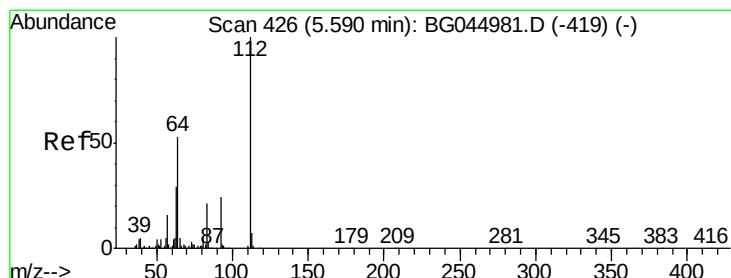
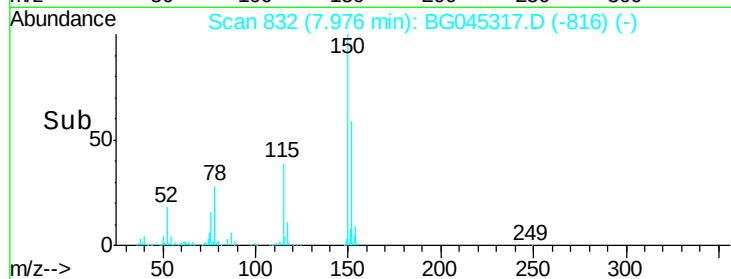
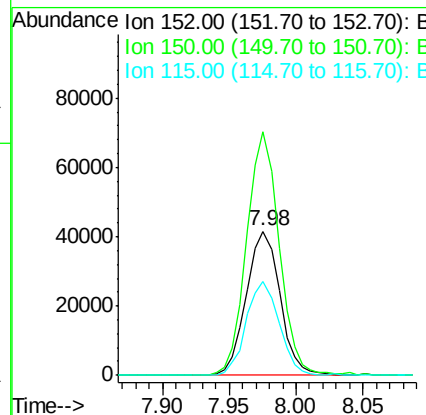
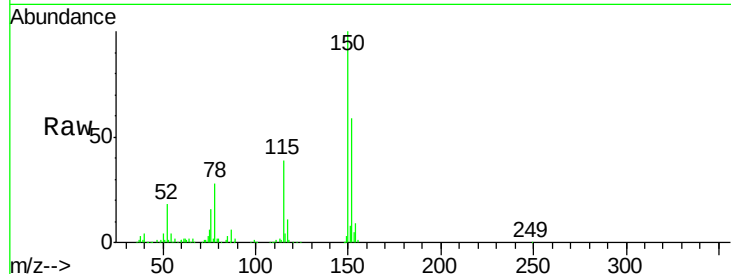


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045317.D
Acq: 12 May 2020 6:03

Instrument :
BNA_G
ClientSampled :
TP-13A

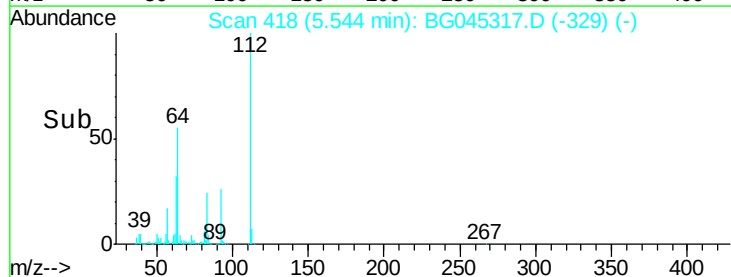
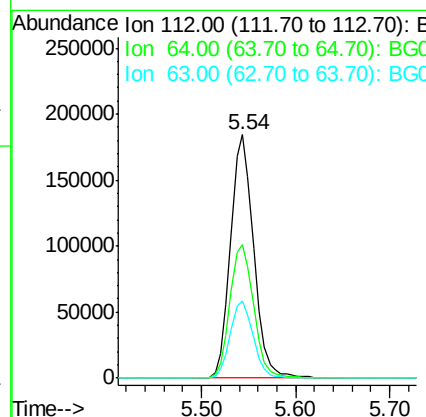
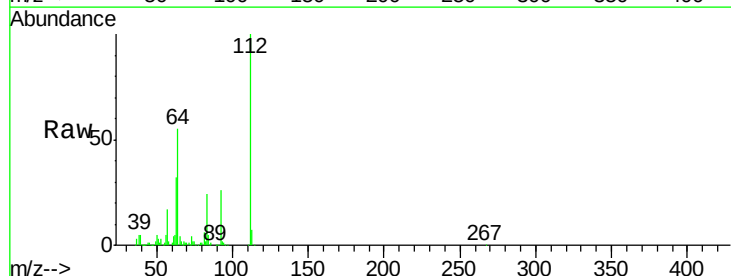
Tgt Ion	Ratio	Lower	Upper
152	100		
150	169.2	123.6	185.4
115	65.5	49.1	73.7

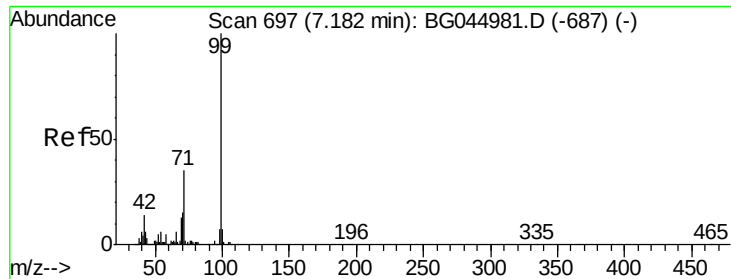


#5

2-Fluorophenol
Concen: 71.69 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045317.D
Acq: 12 May 2020 6:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.4	63.6
63	31.8	23.1	34.7





#7

Phenol-d6

Concen: 76.94 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045317.D

Acq: 12 May 2020 6:03

Instrument :

BNA_G

ClientSampleId :

TP-13A

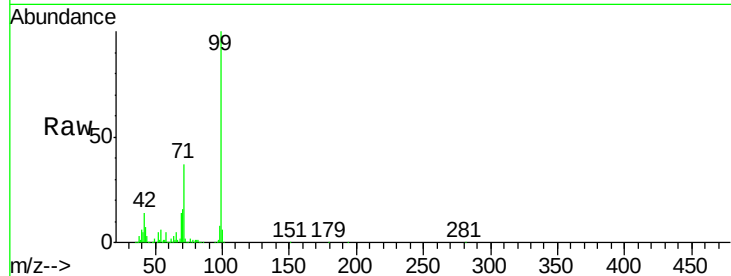
Tgt Ion: 99 Resp: 504529

Ion Ratio Lower Upper

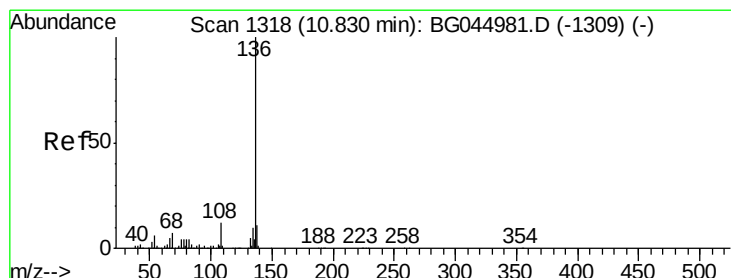
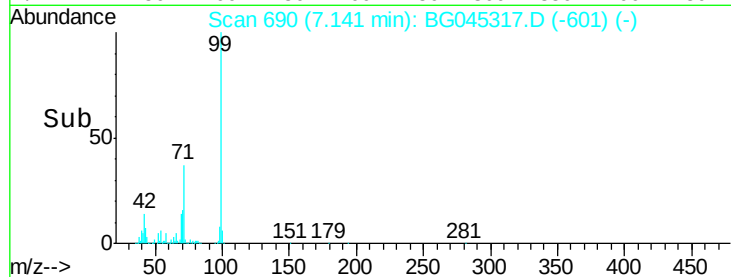
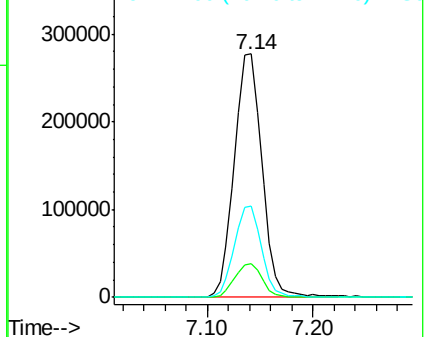
99 100

42 13.8 11.3 16.9

71 37.4 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: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045317.D

Acq: 12 May 2020 6:03

Tgt Ion: 136 Resp: 311526

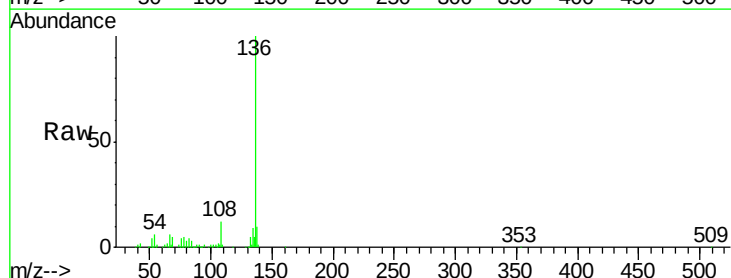
Ion Ratio Lower Upper

136 100

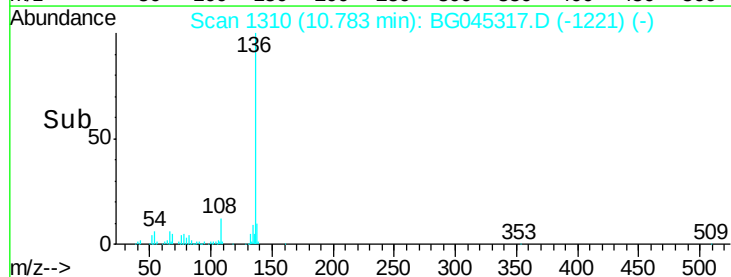
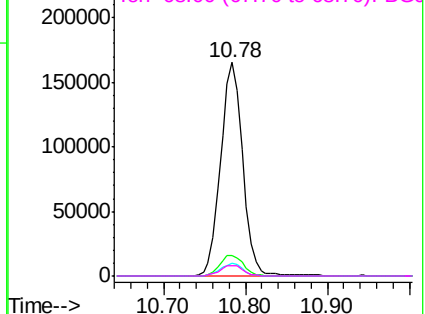
137 9.9 8.6 13.0

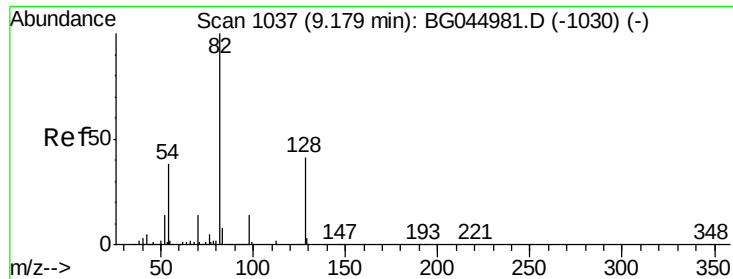
54 6.2 4.8 7.2

68 4.8 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

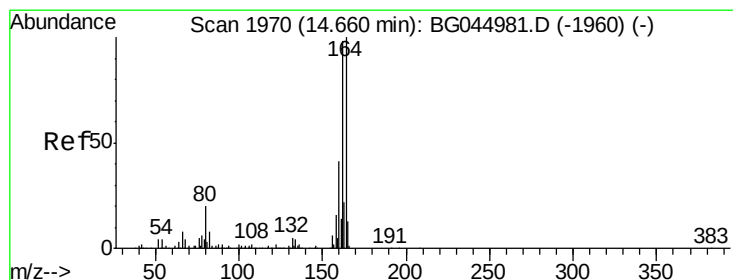
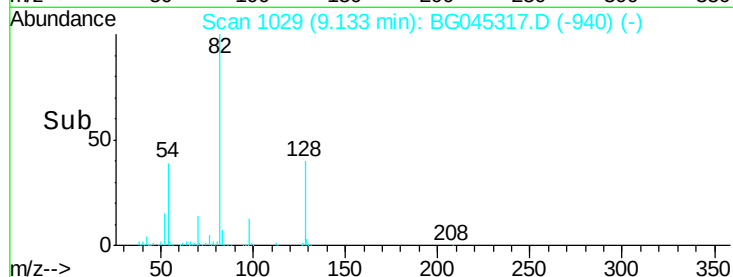
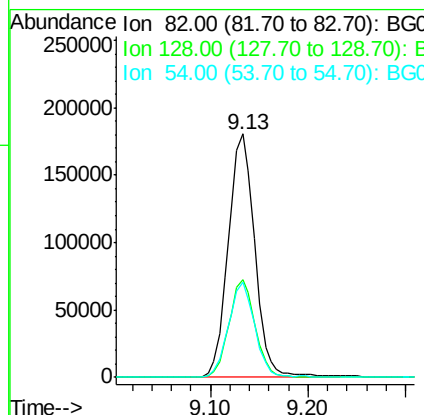
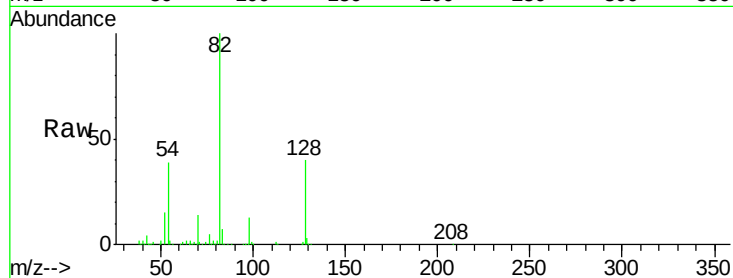




#23
Nitrobenzene-d5
Concen: 49.96 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045317.D
Acq: 12 May 2020 6:03

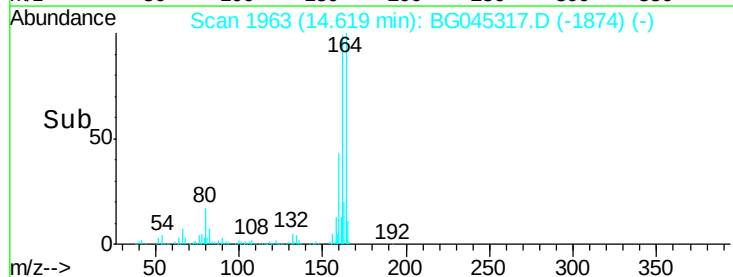
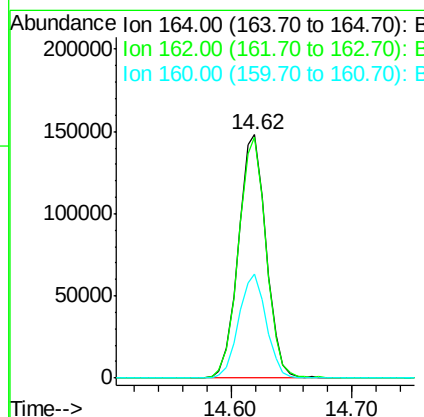
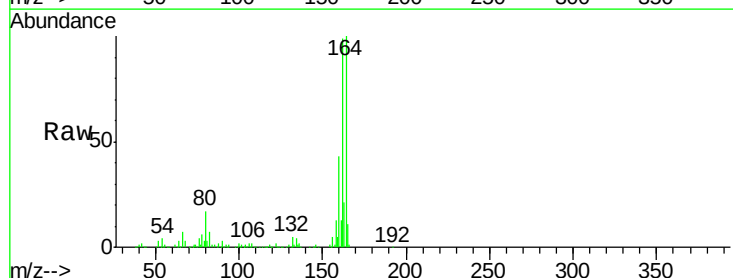
Instrument :
BNA_G
ClientSampleId :
TP-13A

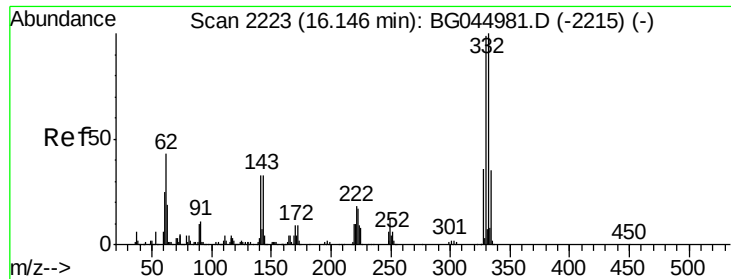
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	39.3	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045317.D
Acq: 12 May 2020 6:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	42.9	32.8	49.2

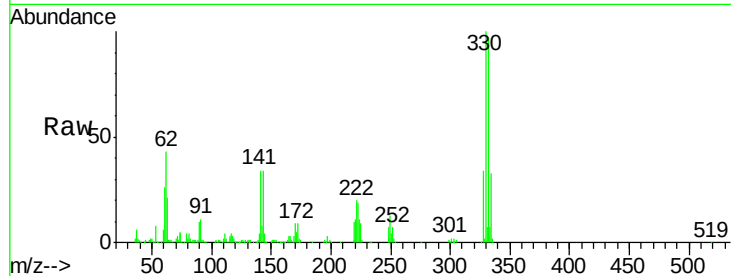




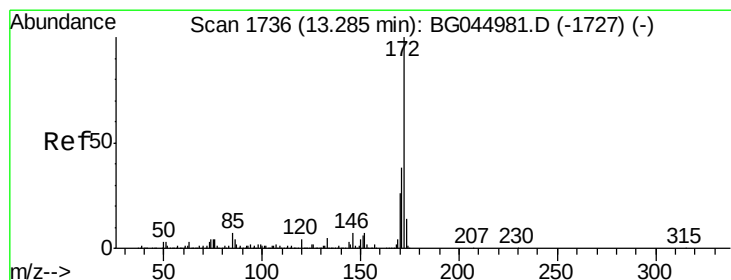
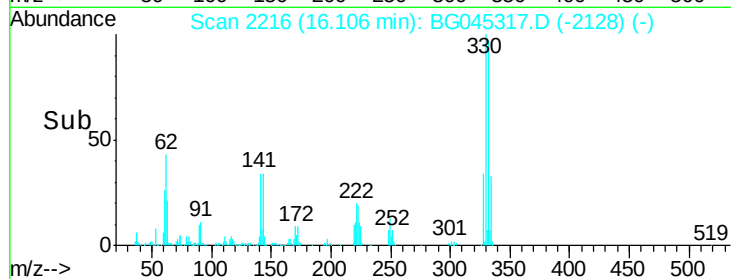
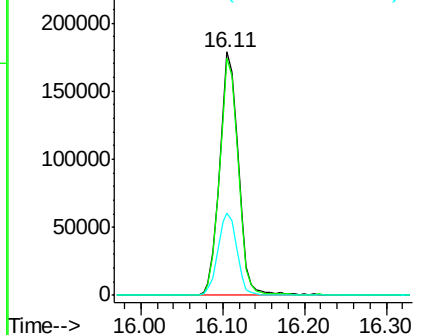
#42
 2,4,6-Tribromophenol
 Concen: 78.78 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045317.D
 Acq: 12 May 2020 6:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-13A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.1	118.7
141	34.2	27.1	40.7

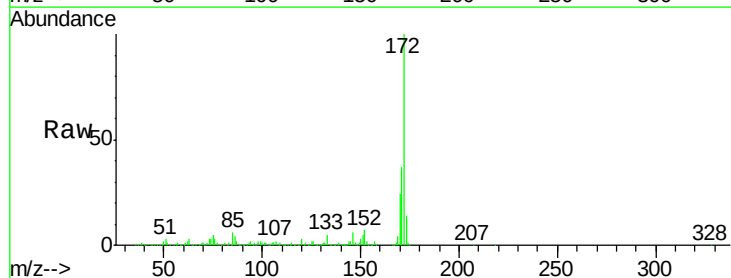


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

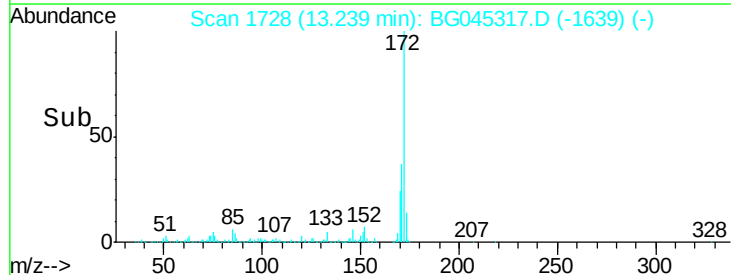
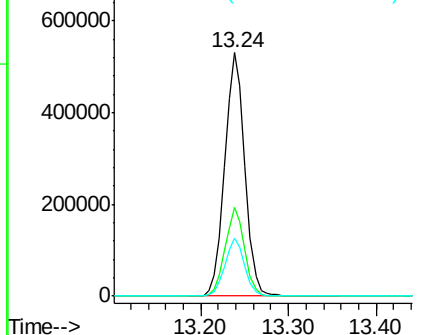


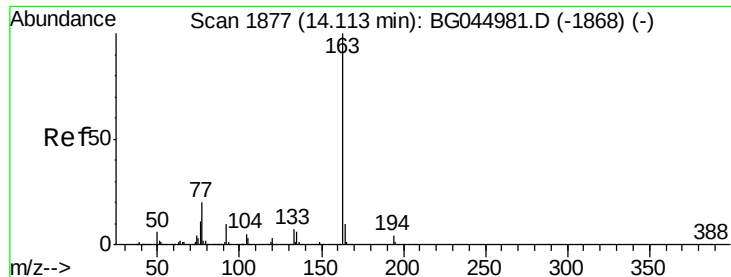
#45
 2-Fluorobiphenyl
 Concen: 52.03 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG045317.D
 Acq: 12 May 2020 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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





#50

Dimethylphthalate

Concen: 5.65 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BG045317.D

Acq: 12 May 2020 6:03

Instrument :

BNA_G

ClientSampleId :

TP-13A

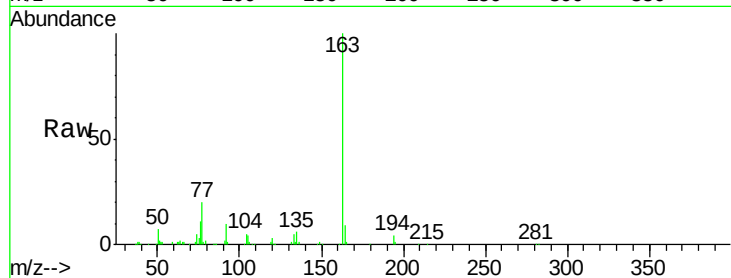
Tgt Ion:163 Resp: 108581

Ion Ratio Lower Upper

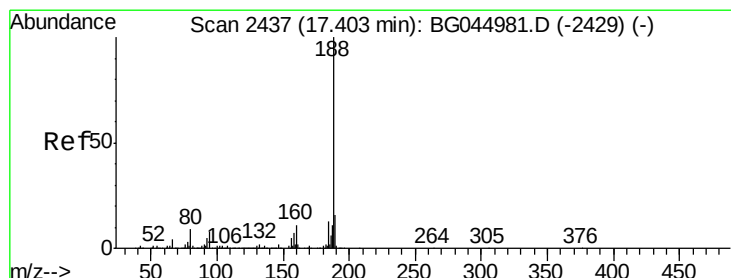
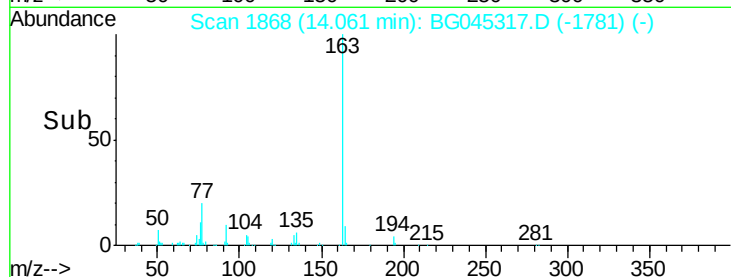
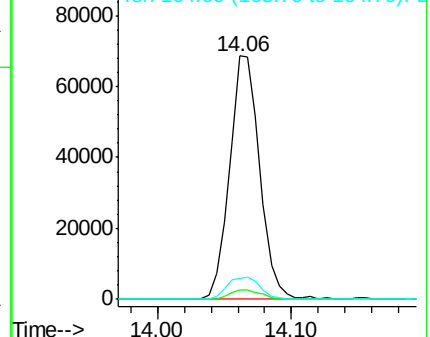
163 100

194 3.7 3.5 5.3

164 8.8 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: 20.00 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG045317.D

Acq: 12 May 2020 6:03

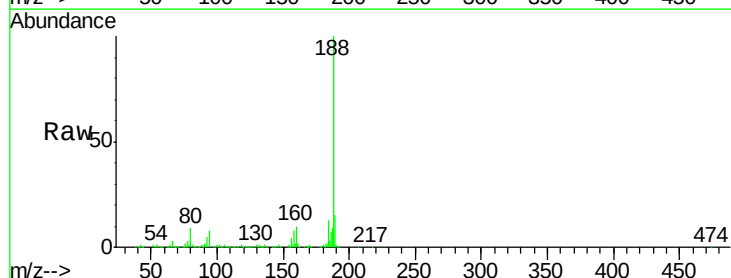
Tgt Ion:188 Resp: 549036

Ion Ratio Lower Upper

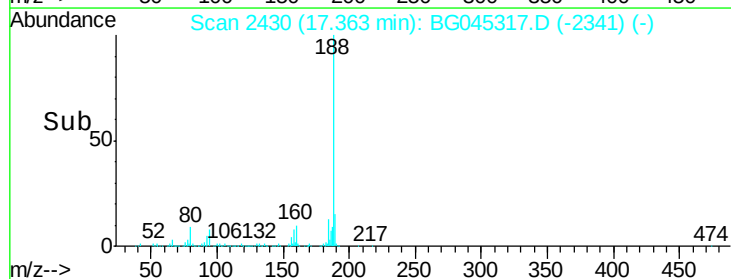
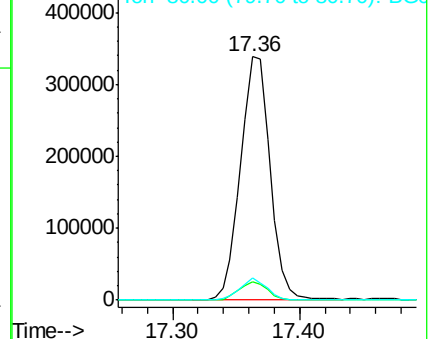
188 100

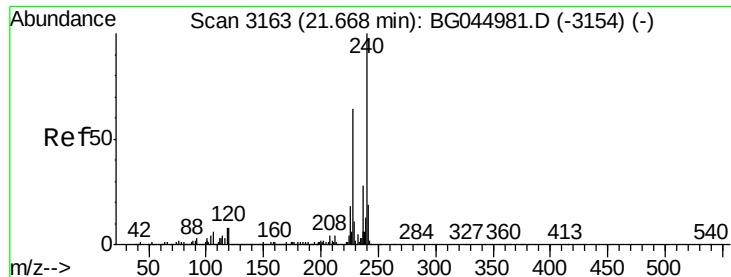
94 7.7 6.2 9.4

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

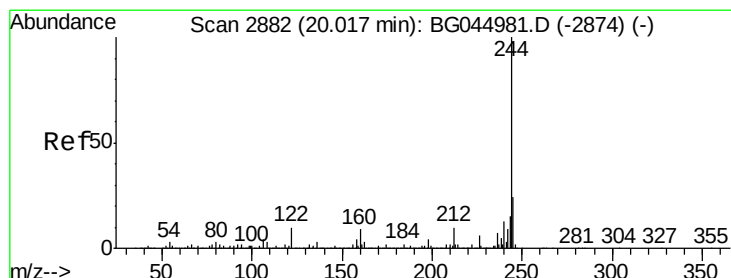
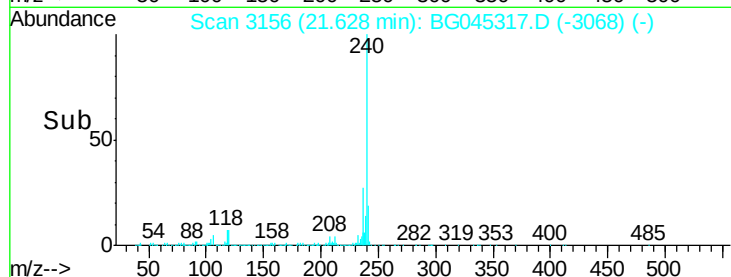
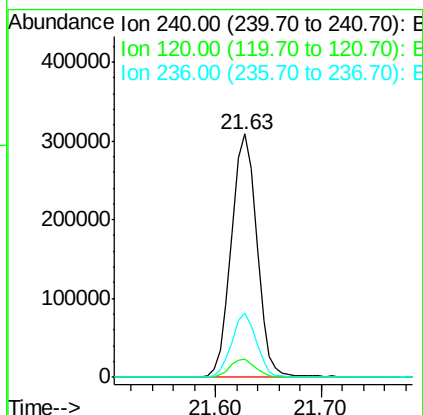
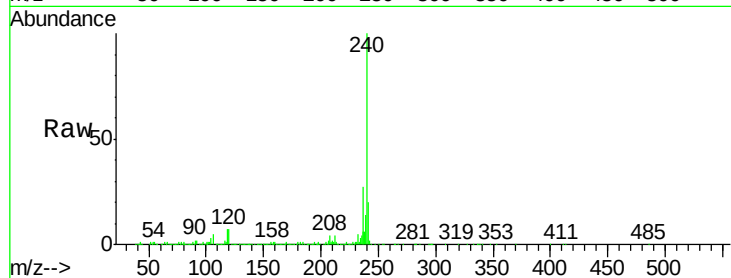




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG045317.D
 Acq: 12 May 2020 6:03

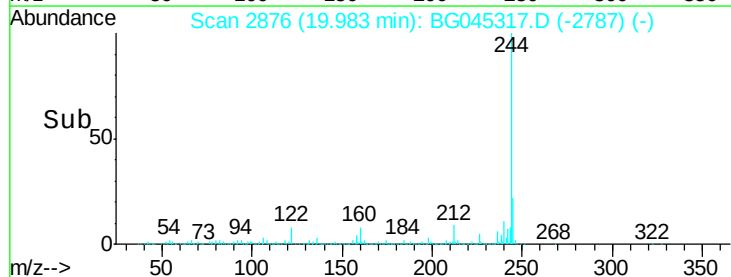
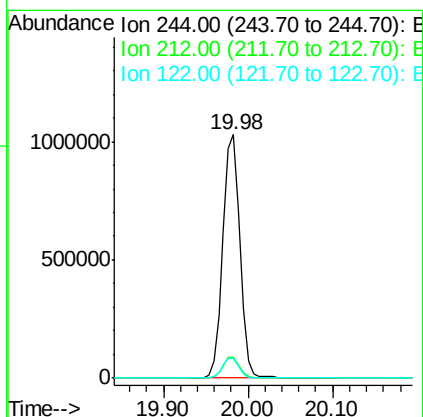
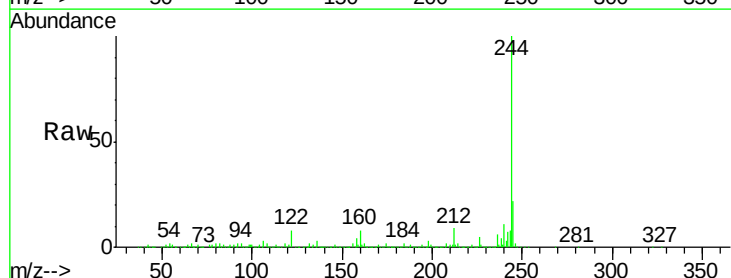
Instrument :
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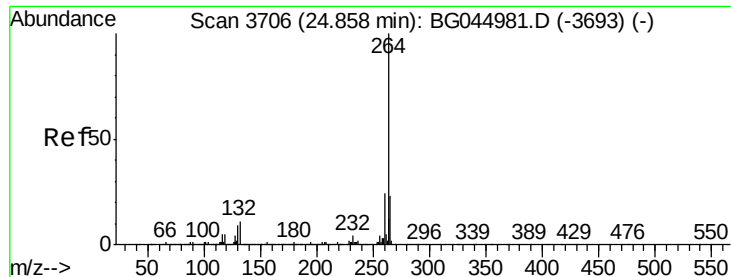
Tgt Ion:240 Resp: 517542
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.6 10.0
 236 26.6 22.2 33.2



#79
 Terphenyl-d14
 Concen: 60.98 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG045317.D
 Acq: 12 May 2020 6:03

Tgt Ion:244 Resp: 1447938
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.9 11.9
 122 8.1 7.7 11.5

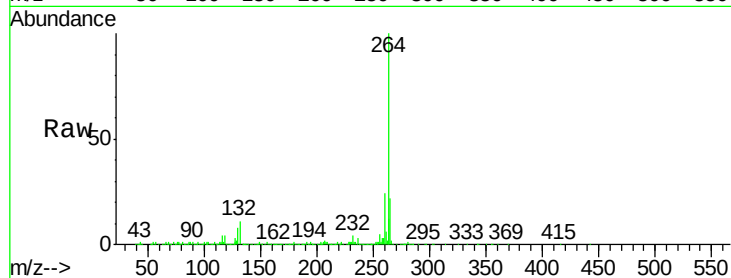




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045317.D
Acq: 12 May 2020 6:03

Instrument :
BNA_G
ClientSampleId :
TP-13A

Tgt Ion:	264	Resp:	556241
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	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

