

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040237.D
 Acq On : 29 Mar 2019 22:36
 Operator : JU/SJ
 Sample : K2138-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6A(12-20)COMP

Quant Time: Mar 30 04:52:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

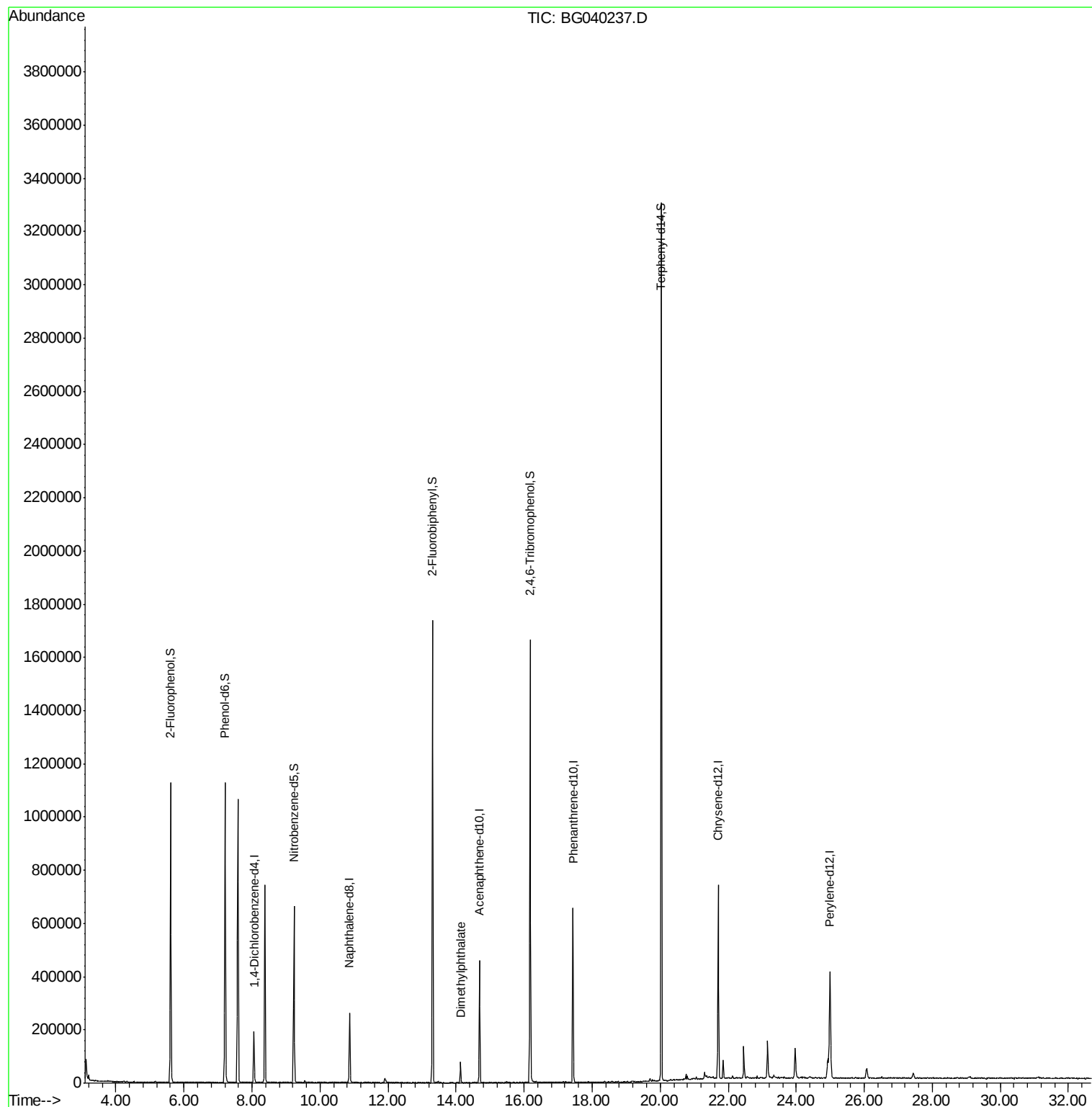
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55558	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	230506	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	158310	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	415216	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	427569	20.00	ng	-0.02
87) Perylene-d12	24.99	264	420692	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	475973	142.42	ng	-0.01
7) Phenol-d6	7.21	99	684939	148.30	ng	-0.01
23) Nitrobenzene-d5	9.23	82	397557	91.67	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	294308	172.02	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	935090	87.52	ng	-0.01
79) Terphenyl-d14	20.03	244	1528199	80.41	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	54895	4.431	ng	Qvalue # 99

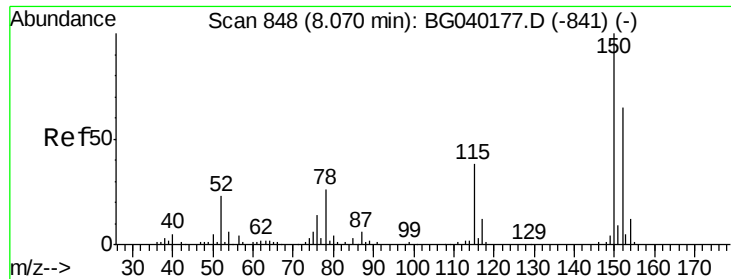
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

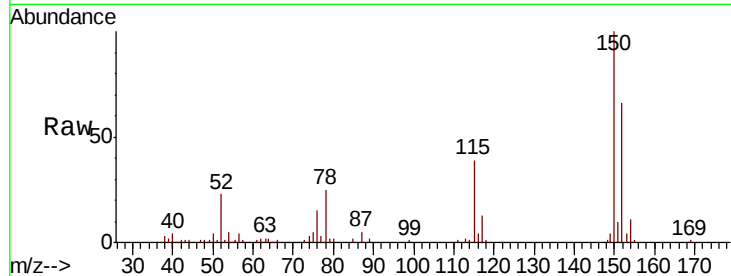
Tgt Ion:152 Resp: 55558

Ion Ratio Lower Upper

152 100

150 152.5 123.7 185.5

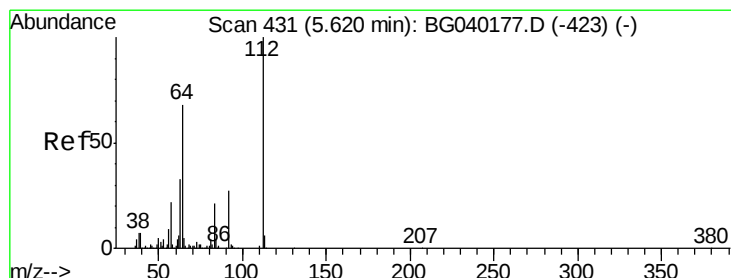
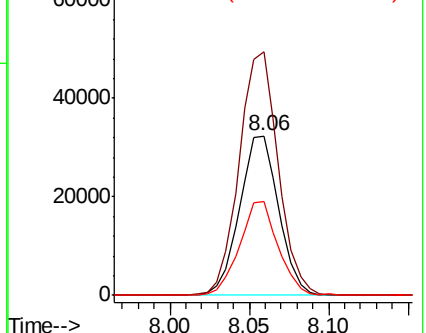
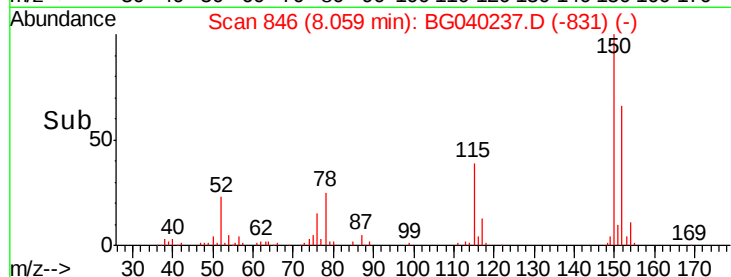
115 58.9 46.9 70.3



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: 142.421 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

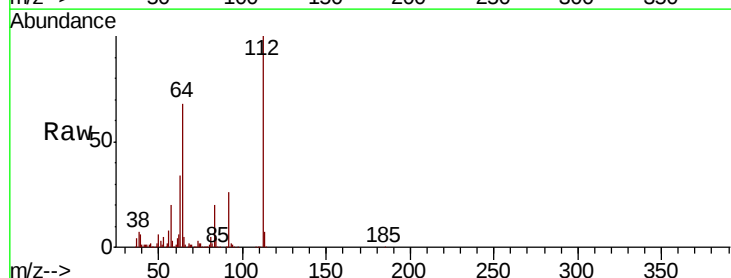
Tgt Ion:112 Resp: 475973

Ion Ratio Lower Upper

112 100

64 67.7 54.2 81.2

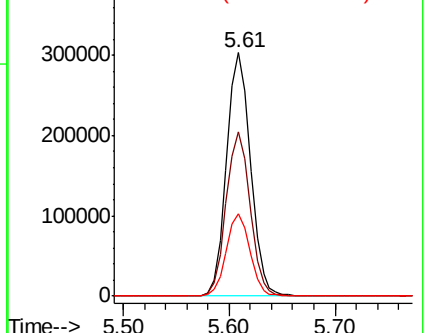
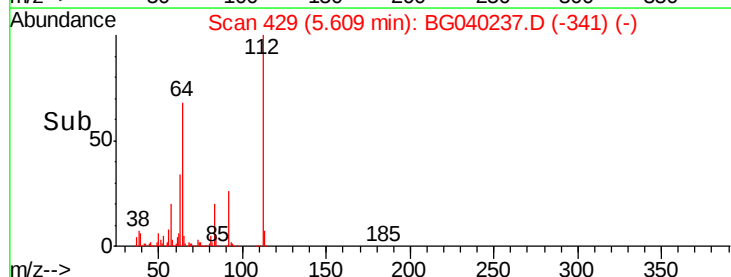
63 33.9 26.4 39.6



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: 148.296 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

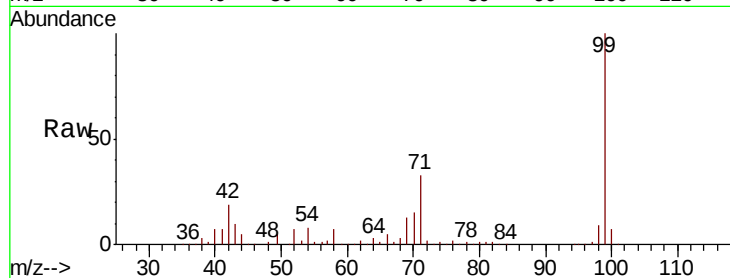
Tgt Ion: 99 Resp: 684939

Ion Ratio Lower Upper

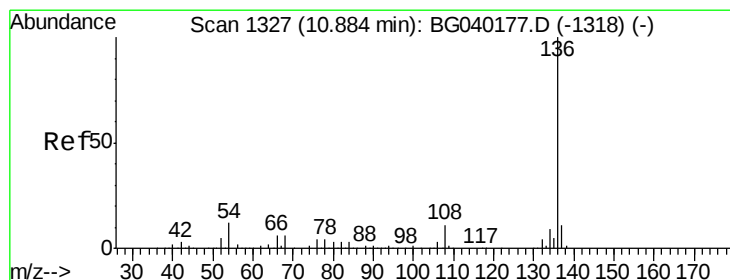
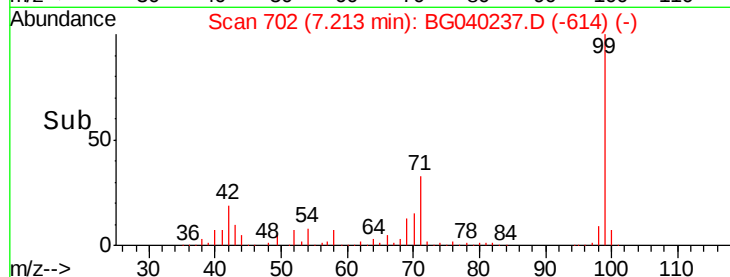
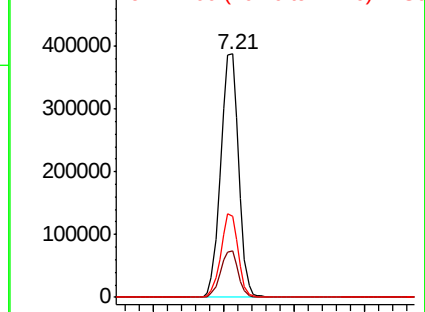
99 100

42 19.1 16.2 24.2

71 33.4 26.8 40.2



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Tgt Ion: 136 Resp: 230506

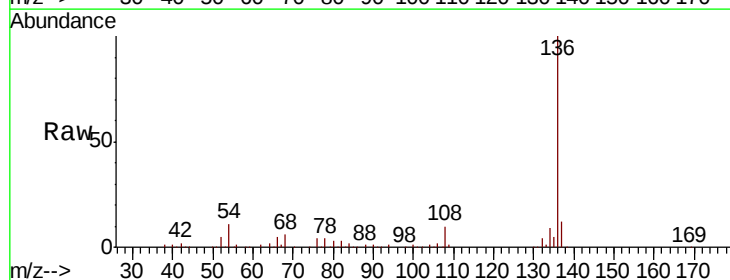
Ion Ratio Lower Upper

136 100

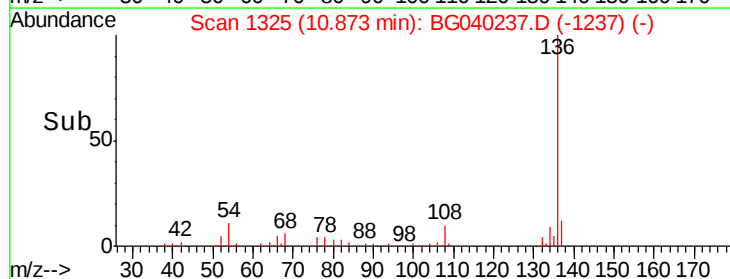
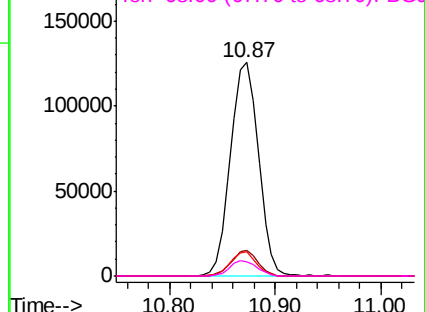
137 11.9 8.9 13.3

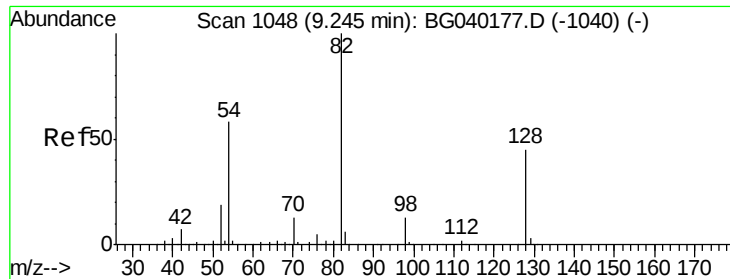
54 11.3 9.6 14.4

68 6.3 5.1 7.7



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

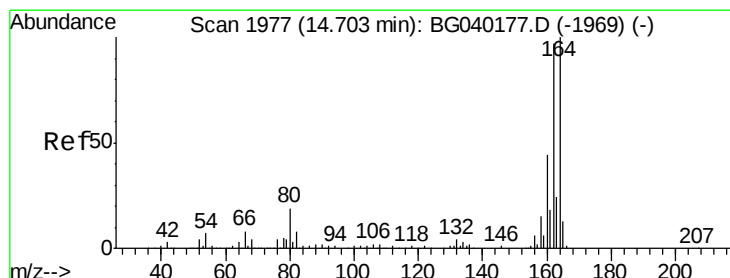
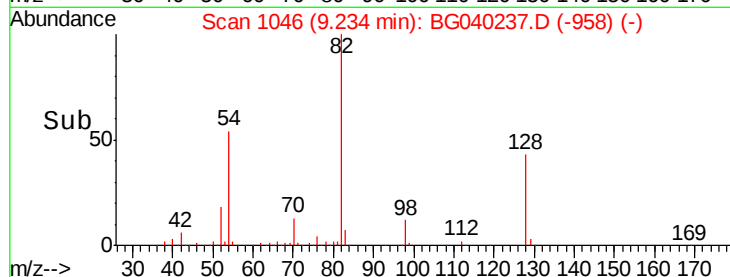
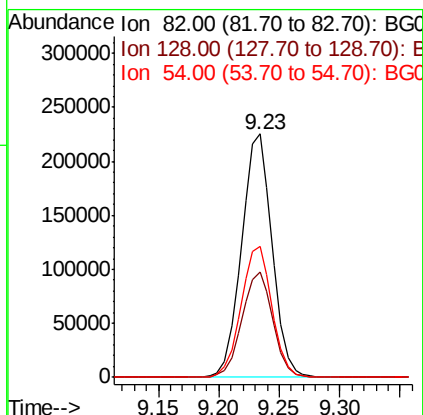
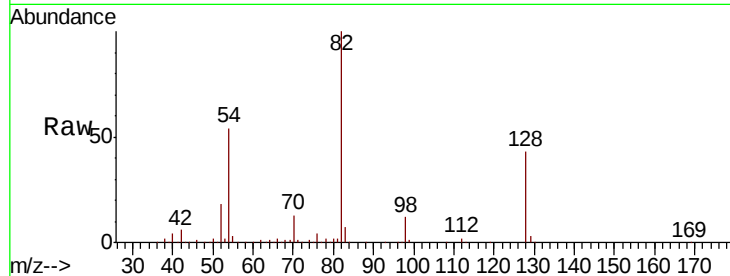




#23
 Nitrobenzene-d5
 Concen: 91.674 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040237.D
 Acq: 29 Mar 2019 22:36

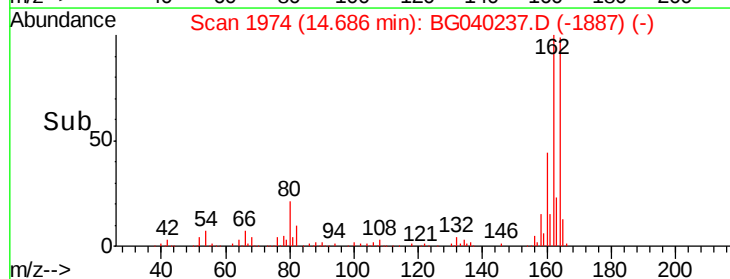
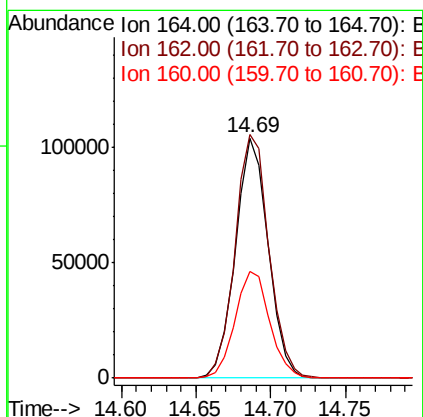
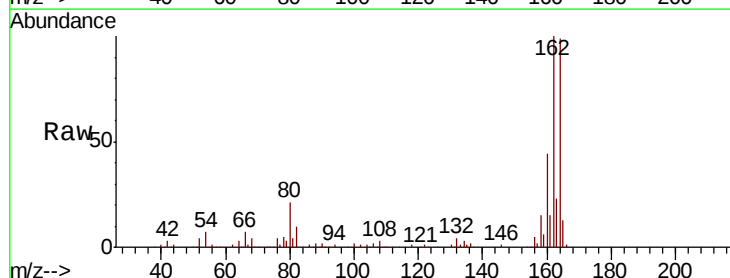
Instrument :
 BNA_G
 ClientSampleId :
 S6A(12-20)COMP

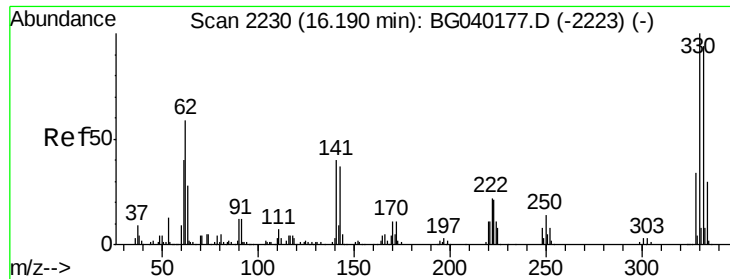
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	54.0	46.2	69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040237.D
 Acq: 29 Mar 2019 22:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	77.4	116.2
160	44.5	35.3	52.9

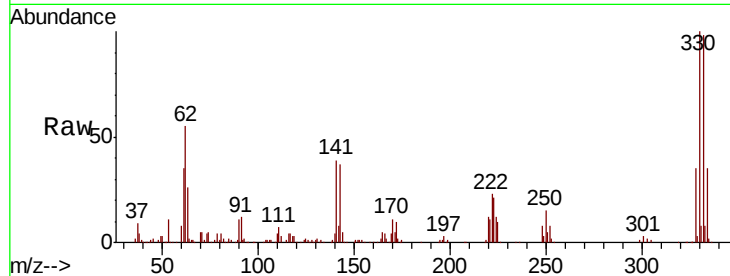




#42
 2,4,6-Tribromophenol
 Concen: 172.018 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG040237.D
 Acq: 29 Mar 2019 22:36

Instrument :
 BNA_G
 ClientSampleId :
 S6A(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.2	32.6	48.8

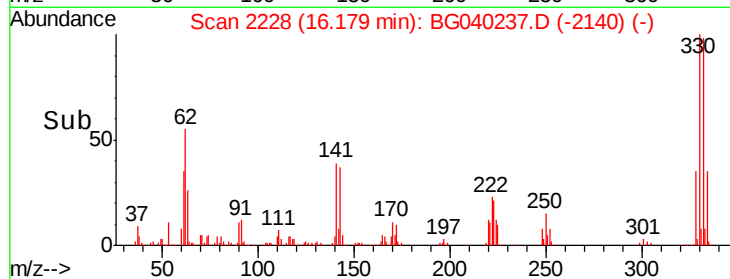
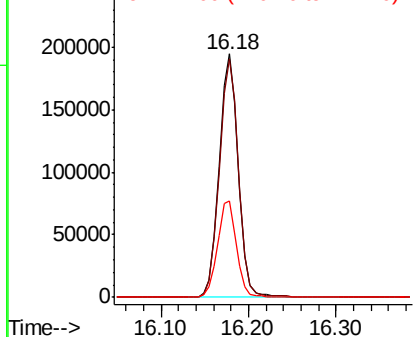


Abundance

Ion 329.80 (329.50 to 330.50): E

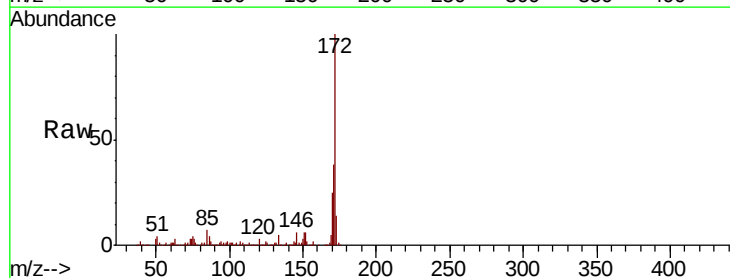
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.523 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG040237.D
 Acq: 29 Mar 2019 22:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.0	20.1	30.1

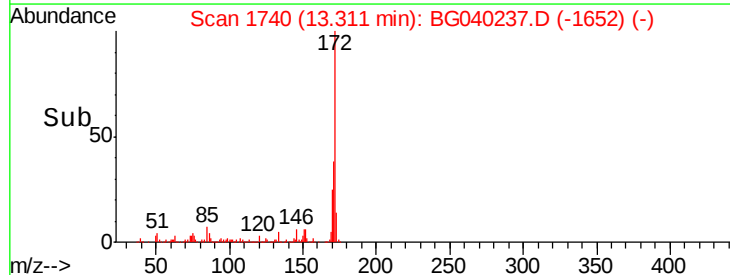
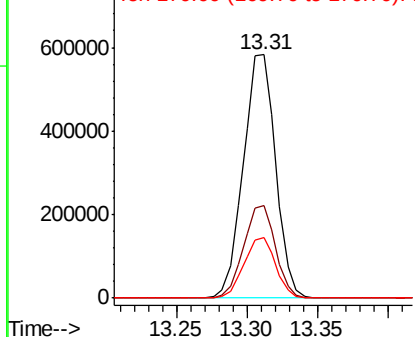


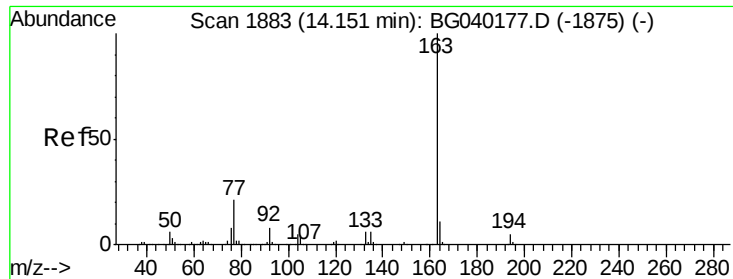
Abundance

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: 4.431 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

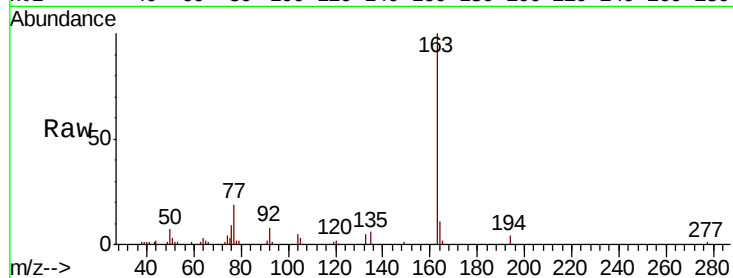
Tgt Ion:163 Resp: 54895

Ion Ratio Lower Upper

163 100

194 3.9 4.1 6.1#

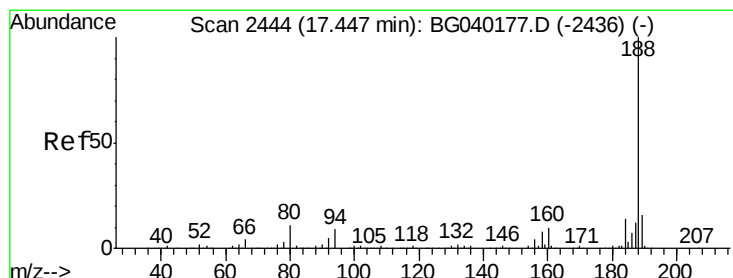
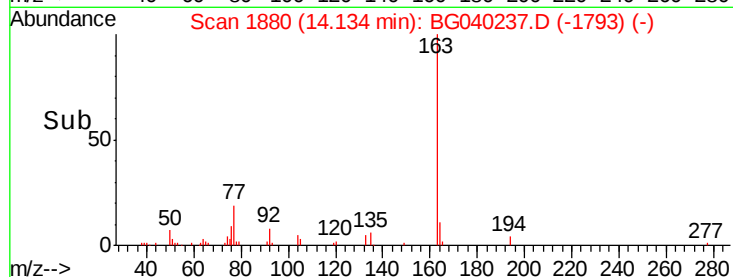
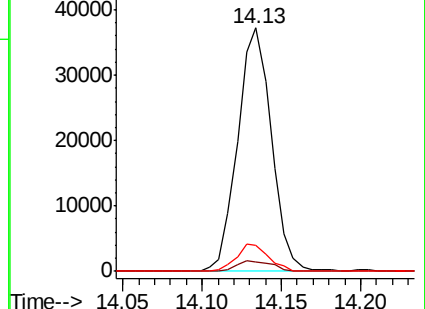
164 10.7 8.6 13.0



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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

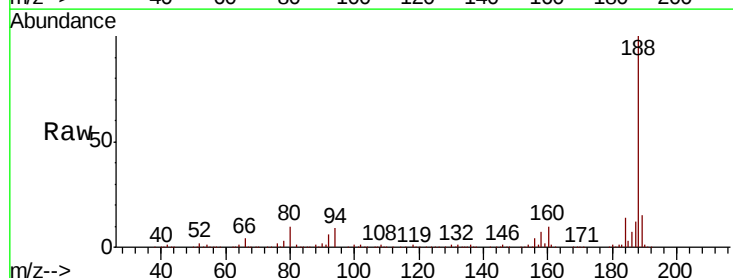
Tgt Ion:188 Resp: 415216

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

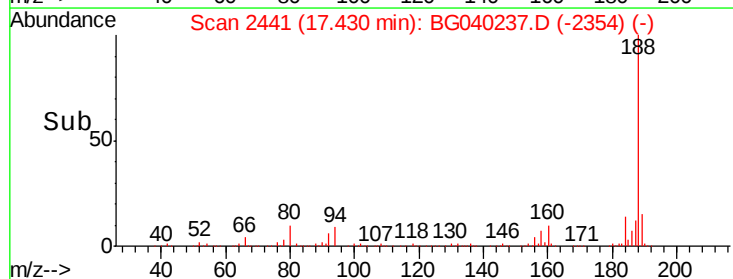
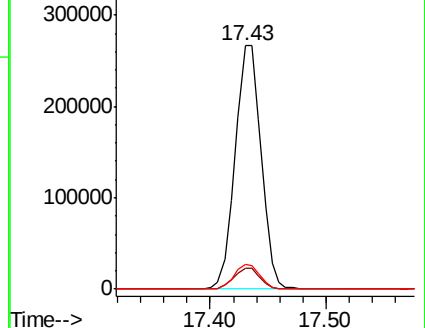
80 9.9 8.6 13.0

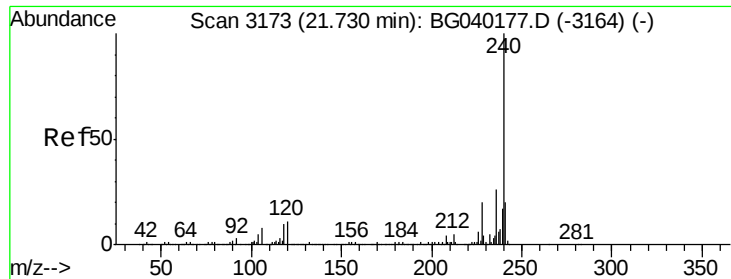


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

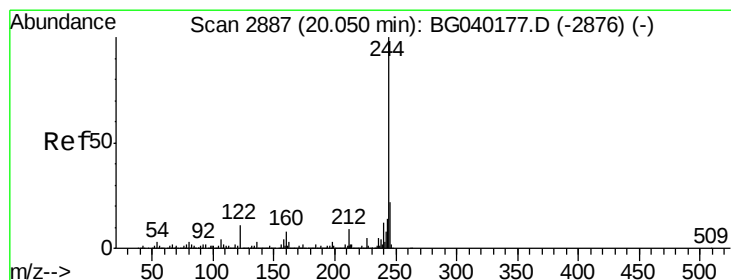
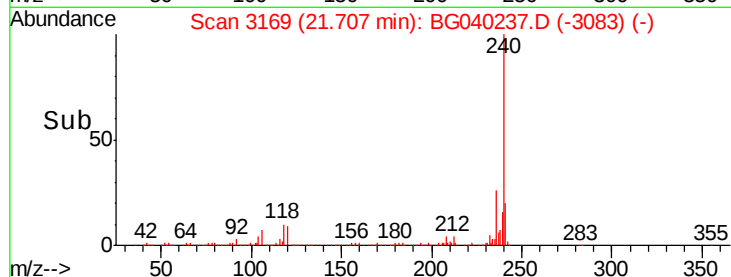
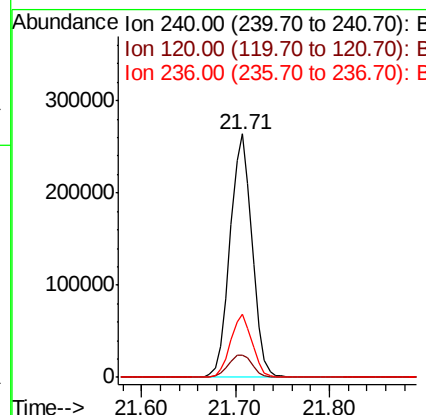
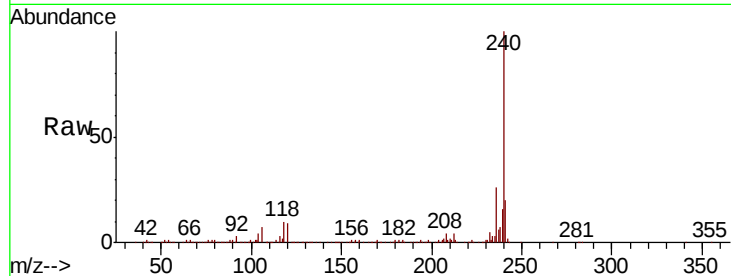




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040237.D
Acq: 29 Mar 2019 22:36

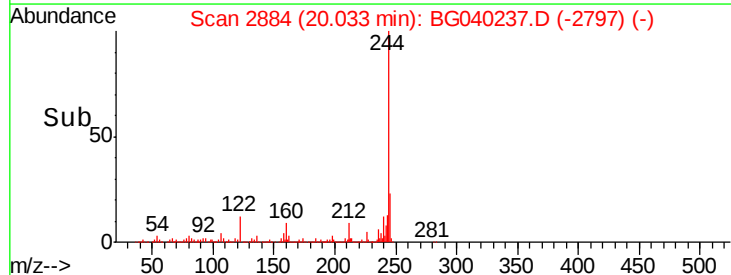
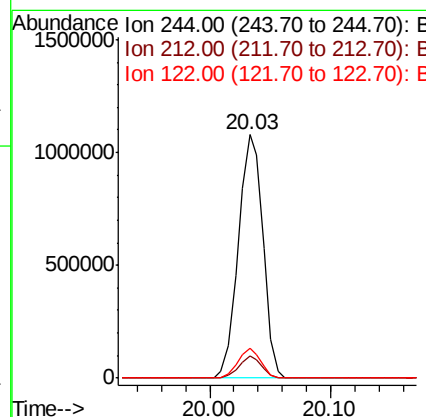
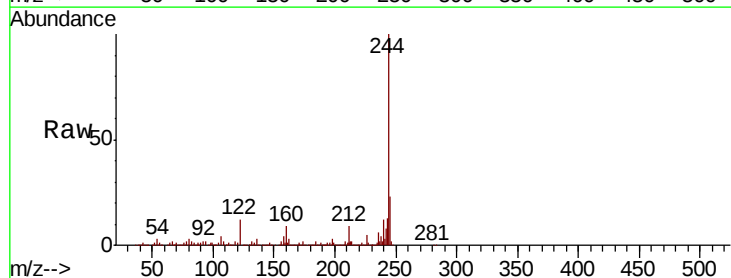
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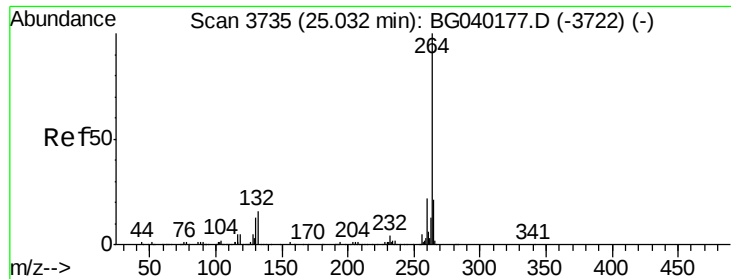
Tgt Ion:240 Resp: 427569
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 80.406 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040237.D
Acq: 29 Mar 2019 22:36

Tgt Ion:244 Resp: 1528199
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 12.1 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.04 min
Lab File: BG040237.D
Acq: 29 Mar 2019 22:36

Instrument :
BNA_G
ClientSampleId :
S6A(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.9	26.9
265	21.8	16.8	25.2

