

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040240.D
 Acq On : 30 Mar 2019 00:36
 Operator : JU/SJ
 Sample : K2111-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Quant Time: Mar 30 04:56:59 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

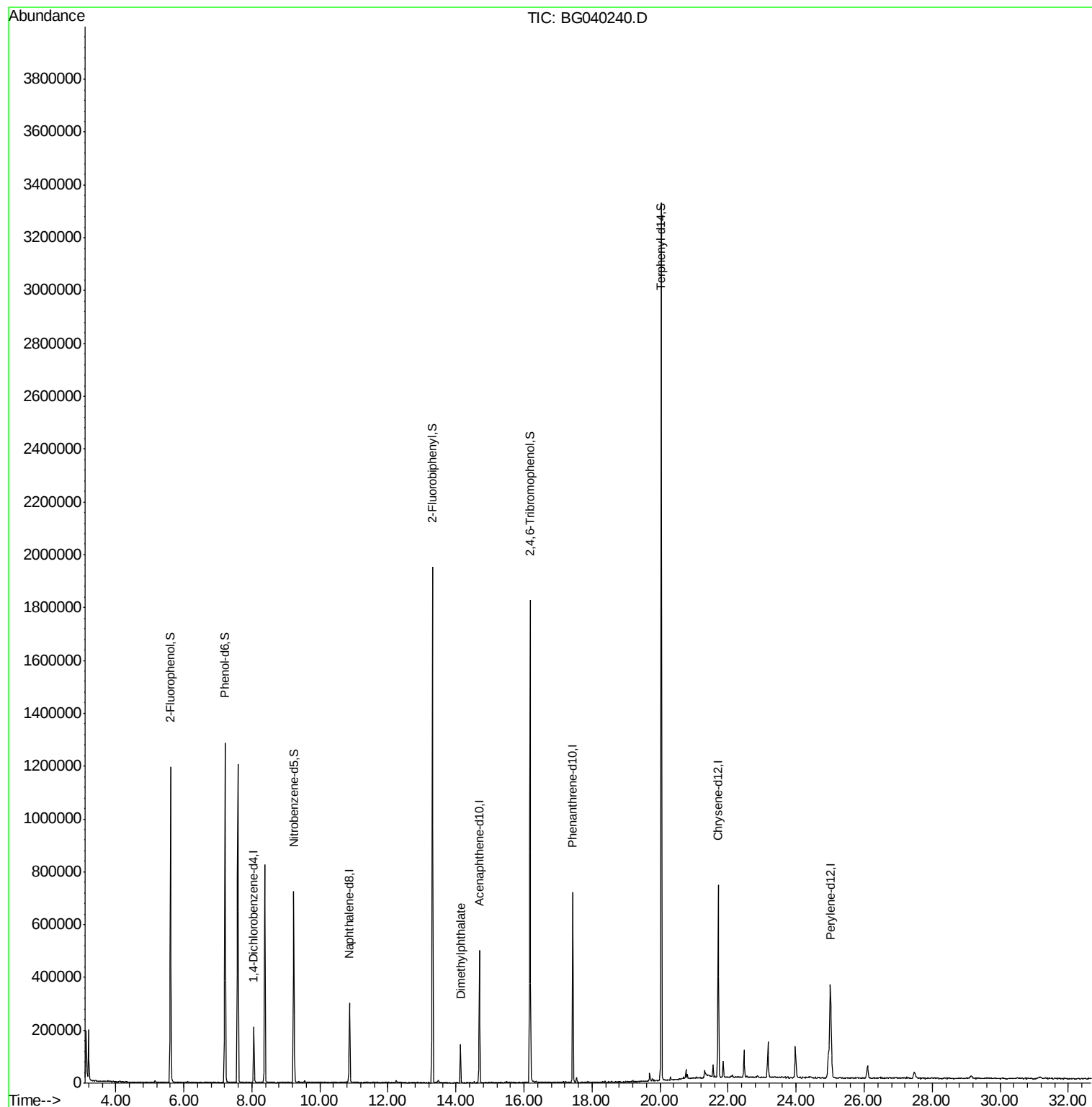
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59758	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	255472	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	173509	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	454001	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	451952	20.00	ng	-0.02
87) Perylene-d12	25.01	264	453365	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	535593	149.00	ng	-0.01
7) Phenol-d6	7.21	99	760827	153.15	ng	-0.01
23) Nitrobenzene-d5	9.23	82	438870	91.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	317293	169.21	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1004496	85.78	ng	-0.01
79) Terphenyl-d14	20.04	244	1547874	77.05	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.13	163	100352	7.390	ng	Qvalue 99

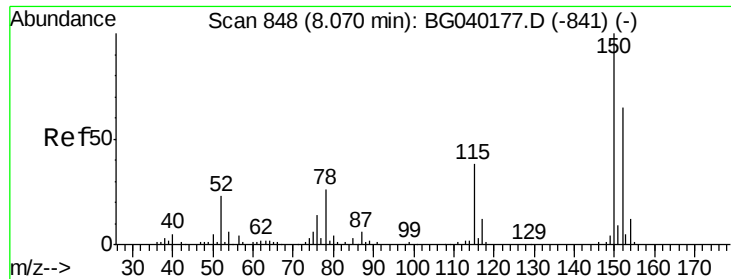
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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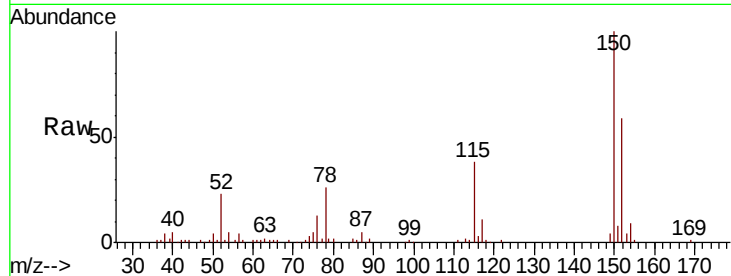


#1

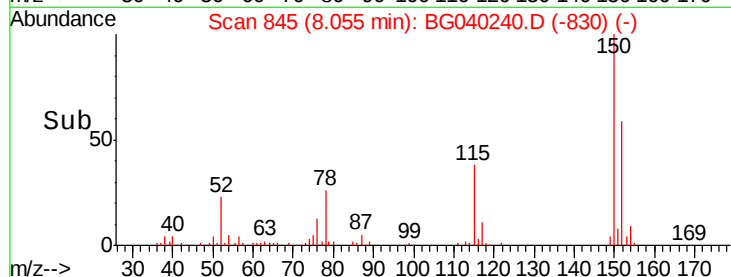
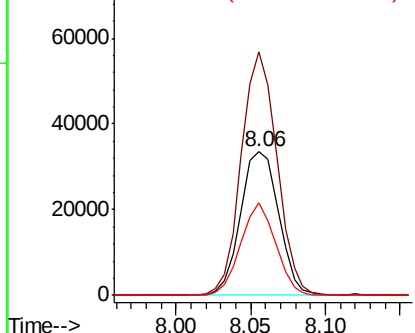
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tgt Ion:152 Resp: 59758
Ion Ratio Lower Upper
152 100
150 169.5 123.7 185.5
115 64.3 46.9 70.3



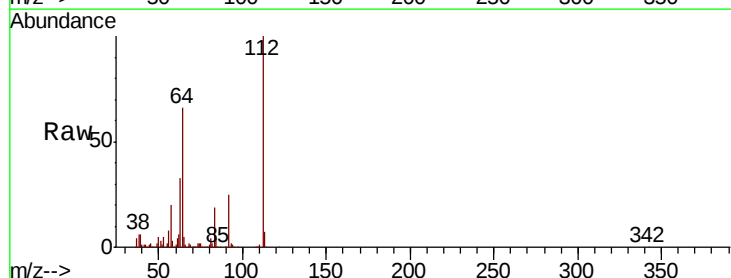
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



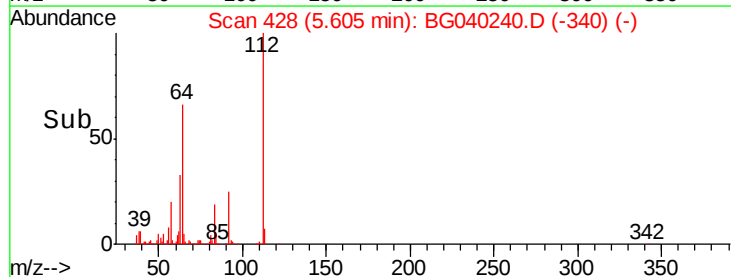
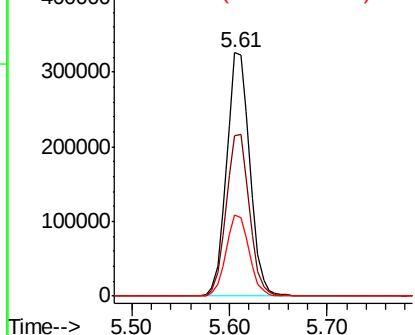
#5

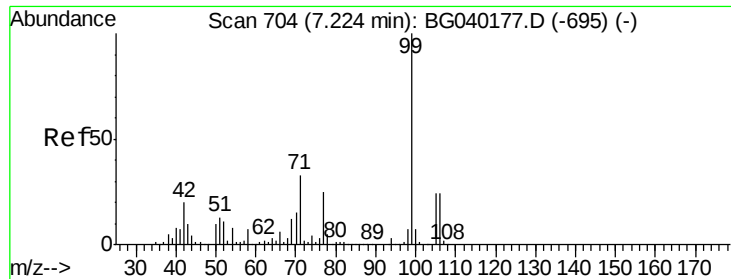
2-Fluorophenol
Concen: 148.997 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Tgt Ion:112 Resp: 535593
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.2
63 33.2 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 153.149 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

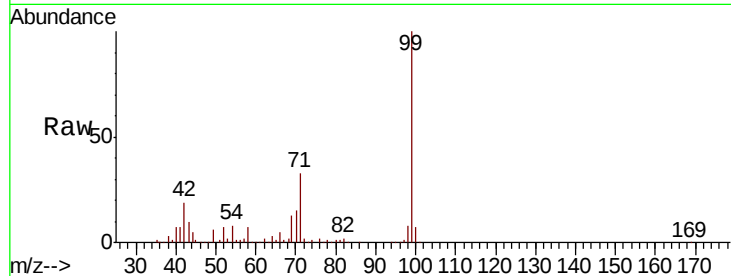
Tgt Ion: 99 Resp: 760827

Ion Ratio Lower Upper

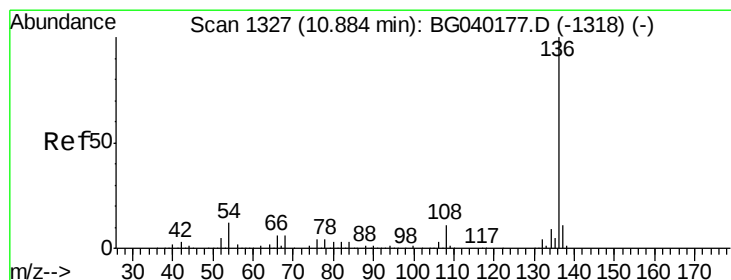
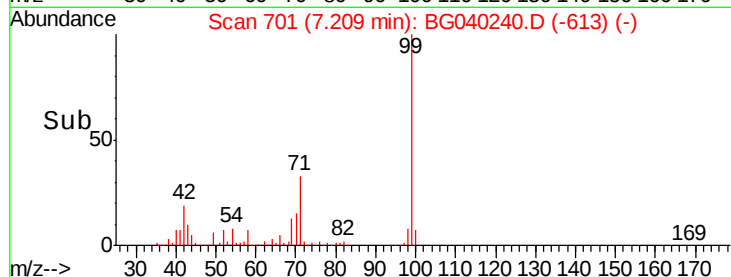
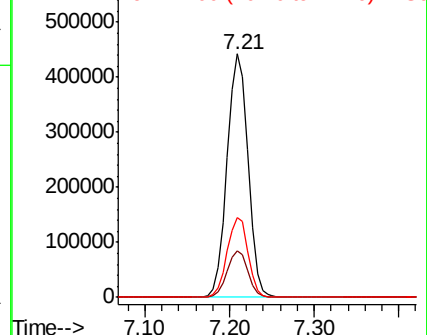
99 100

42 19.0 16.2 24.2

71 32.9 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# 1324

Delta R.T. -0.01 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Tgt Ion: 136 Resp: 255472

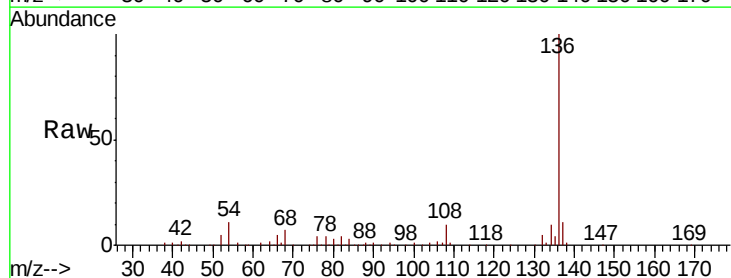
Ion Ratio Lower Upper

136 100

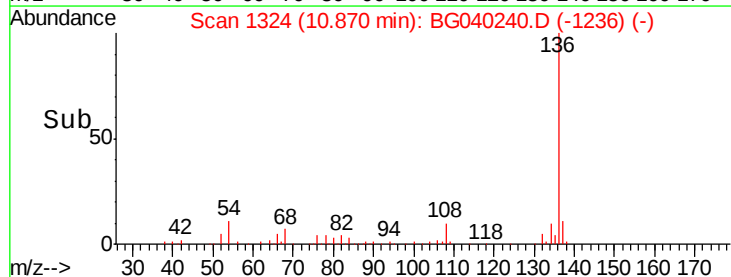
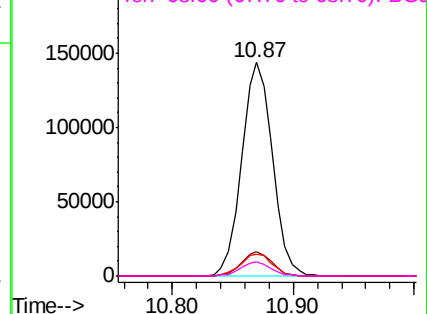
137 11.4 8.9 13.3

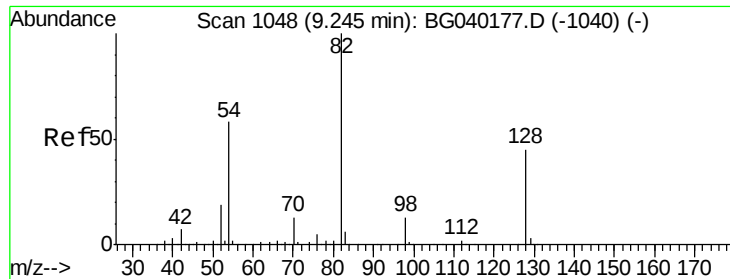
54 10.5 9.6 14.4

68 6.5 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

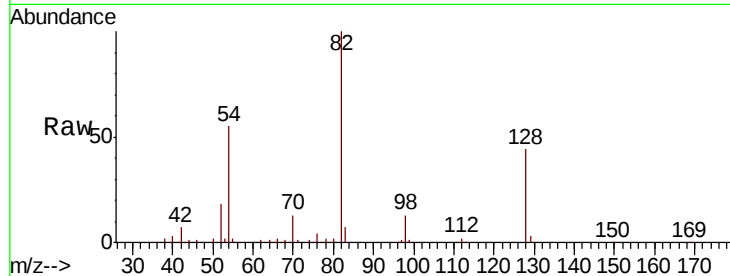




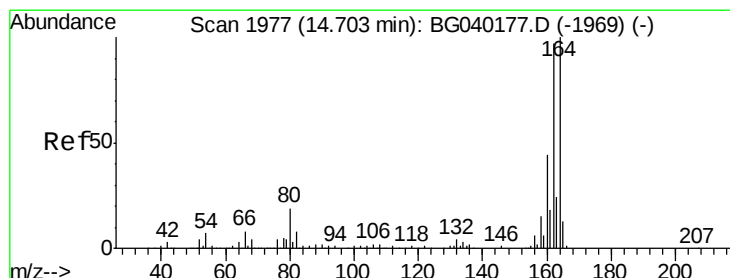
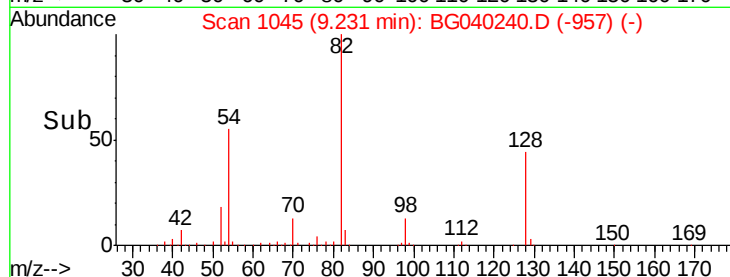
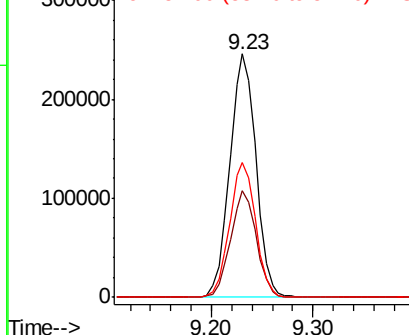
#23
Nitrobenzene-d5
Concen: 91.311 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tgt Ion: 82 Resp: 438870
Ion Ratio Lower Upper
82 100
128 43.6 35.8 53.8
54 55.3 46.2 69.2

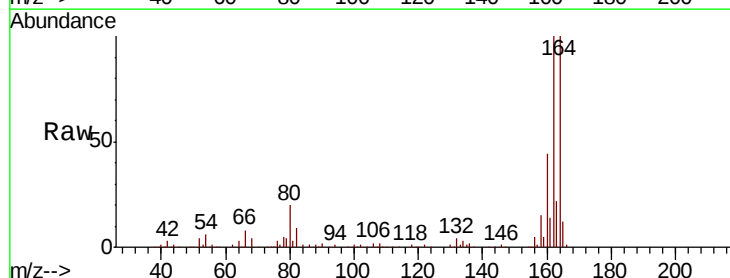


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

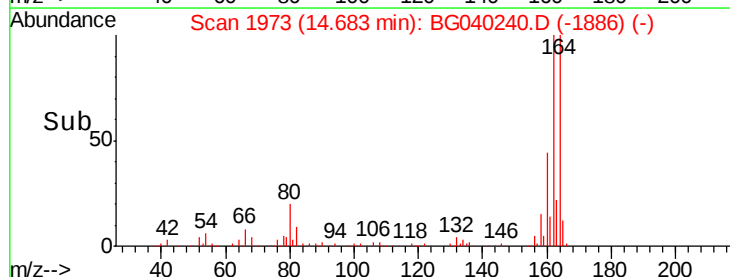
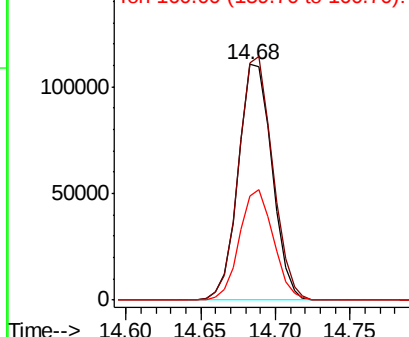


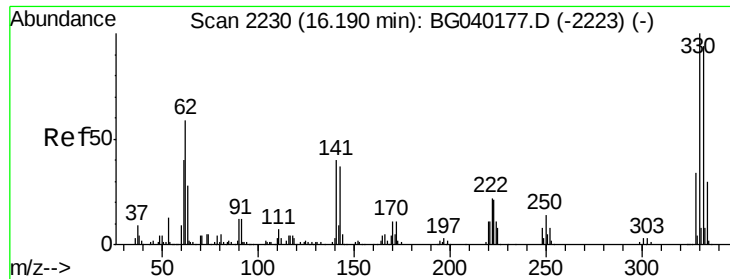
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Tgt Ion: 164 Resp: 173509
Ion Ratio Lower Upper
164 100
162 100.3 77.4 116.2
160 44.0 35.3 52.9



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

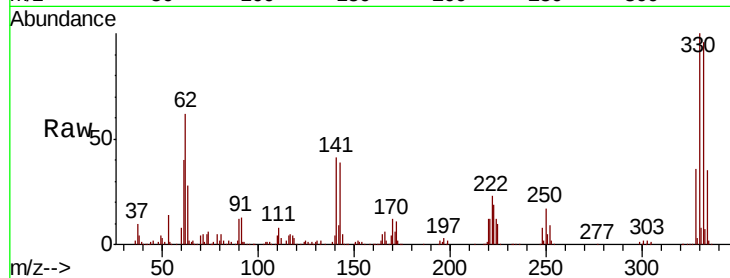




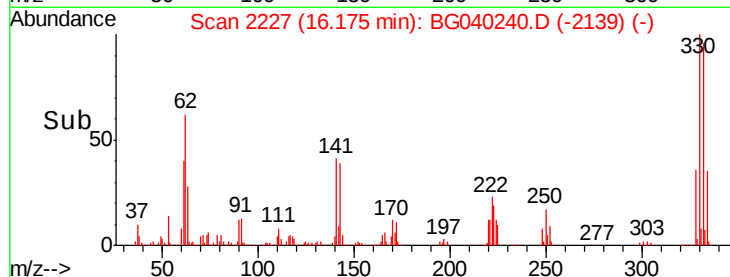
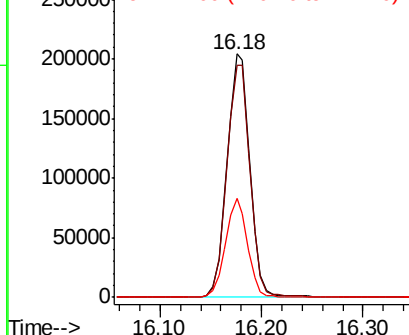
#42
 2,4,6-Tribromophenol
 Concen: 169.207 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

Instrument :
 BNA_G
 ClientSampleId :
 S7A(4-20)COMP

Tgt Ion:330 Resp: 317293
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.6 32.6 48.8

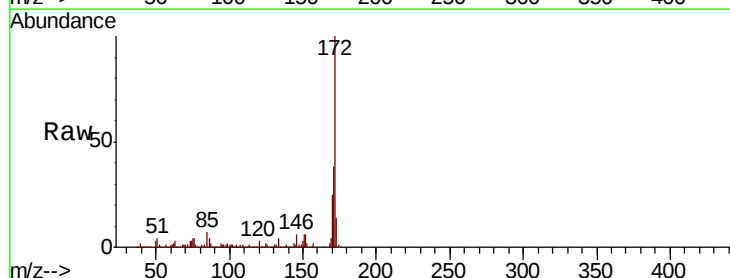


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

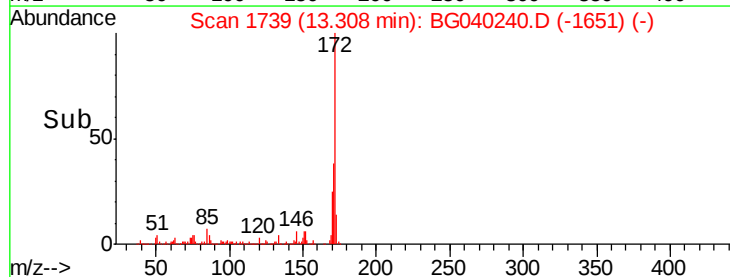
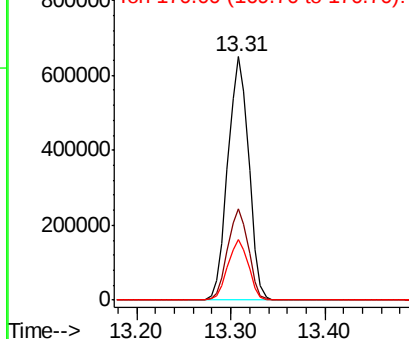


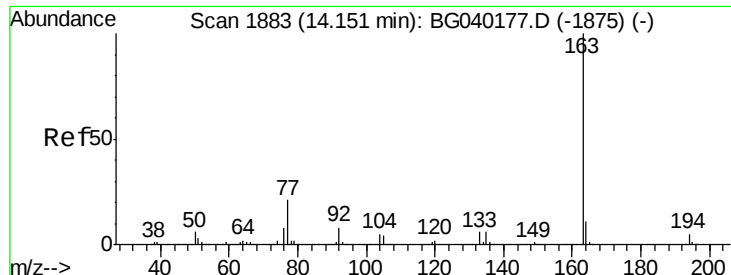
#45
 2-Fluorobiphenyl
 Concen: 85.784 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG040240.D
 Acq: 30 Mar 2019 00:36

Tgt Ion:172 Resp: 1004496
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 24.9 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: 7.390 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

Instrument :

BNA_G

ClientSampleId :

S7A(4-20)COMP

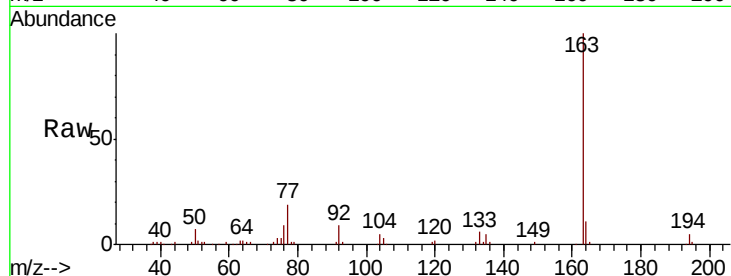
Tgt Ion:163 Resp: 100352

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

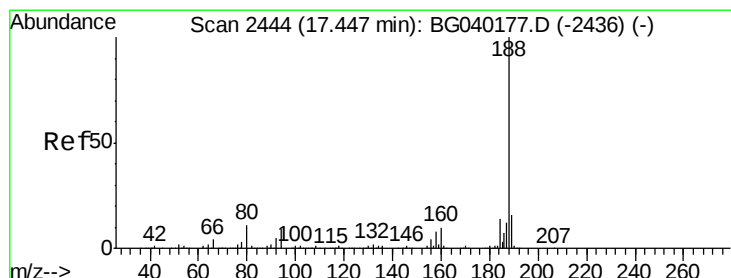
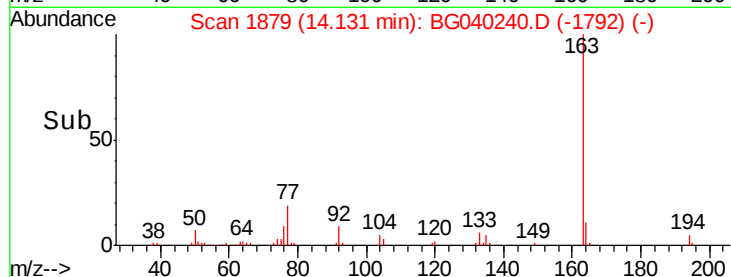
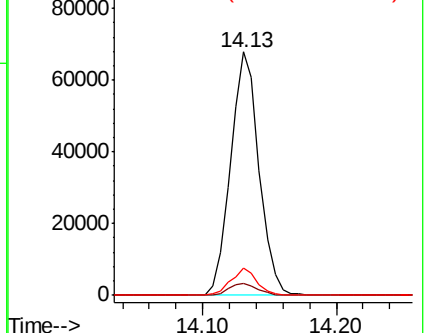
164 11.3 8.6 13.0



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. -0.01 min

Lab File: BG040240.D

Acq: 30 Mar 2019 00:36

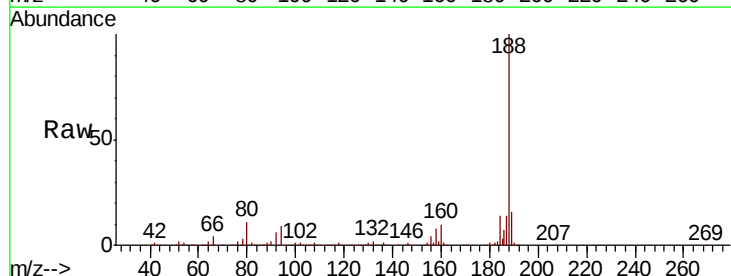
Tgt Ion:188 Resp: 454001

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

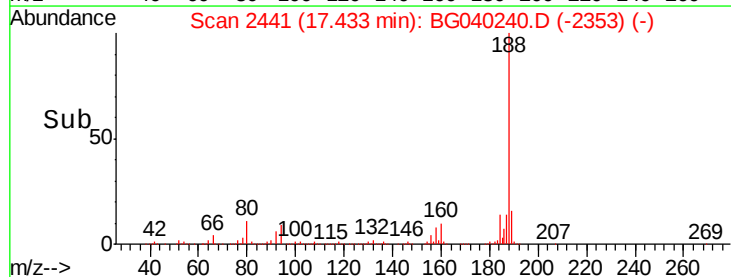
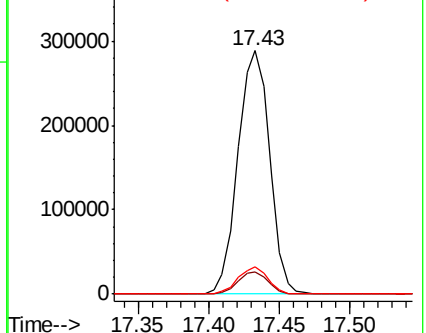
80 11.0 8.6 13.0

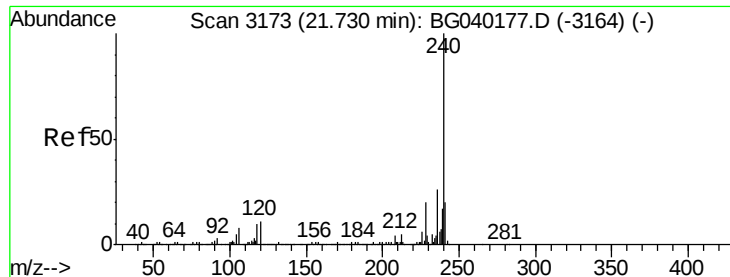


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

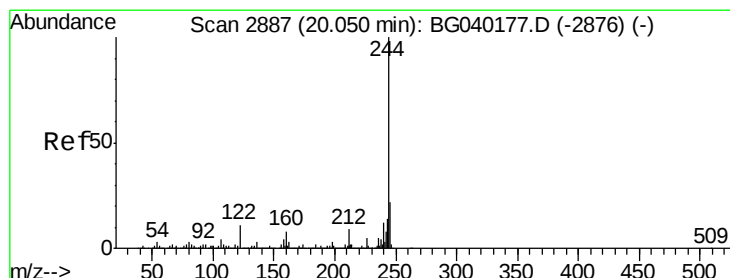
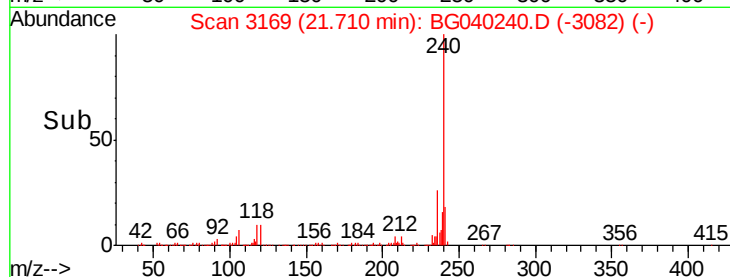
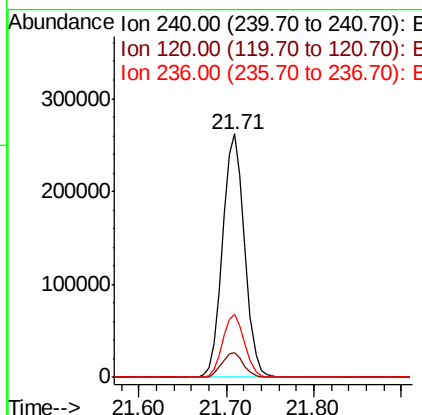
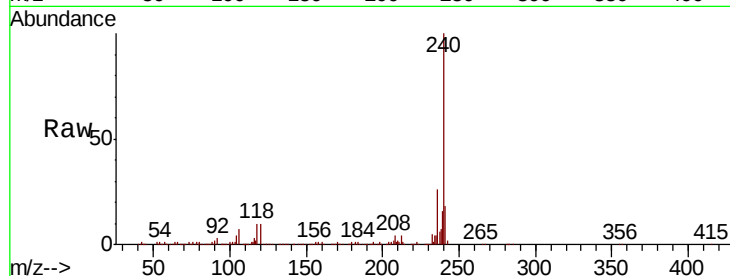




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

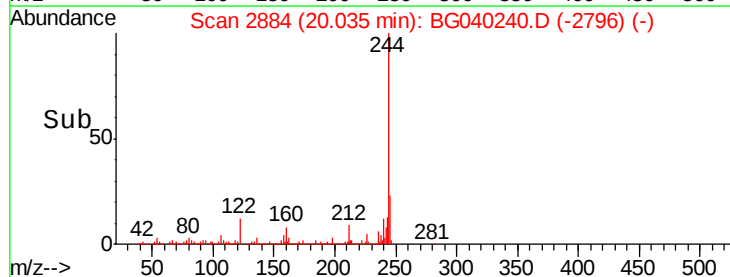
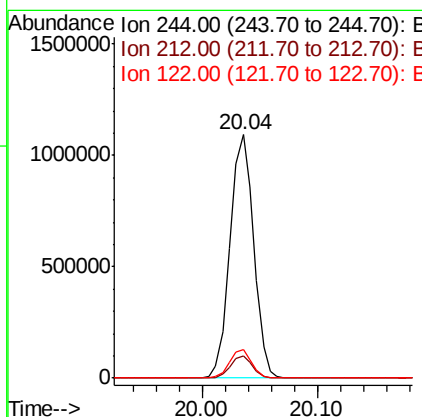
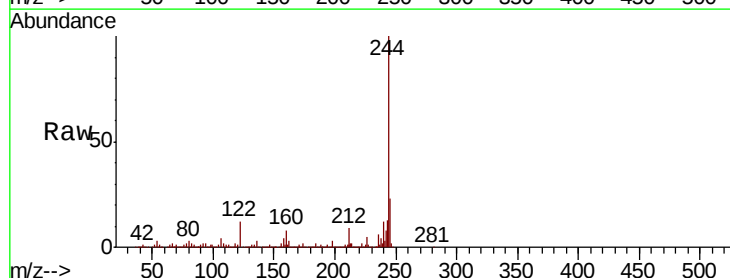
Instrument :
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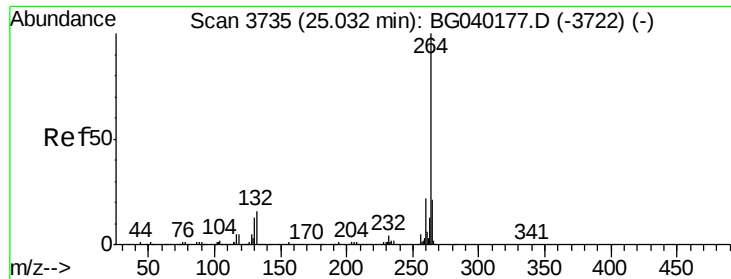
Tgt Ion:240 Resp: 451952
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 77.048 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Tgt Ion:244 Resp: 1547874
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.6
122 11.6 8.5 12.7

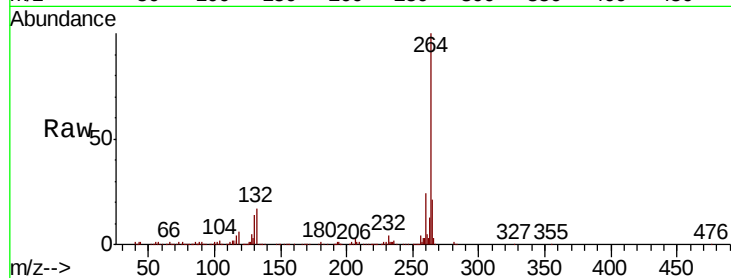




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.03 min
Lab File: BG040240.D
Acq: 30 Mar 2019 00:36

Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	21.2	16.8	25.2



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

