

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039845.D
 Acq On : 11 Mar 2019 17:11
 Operator : JU/SJ
 Sample : K1807-33
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Mar 12 04:03:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

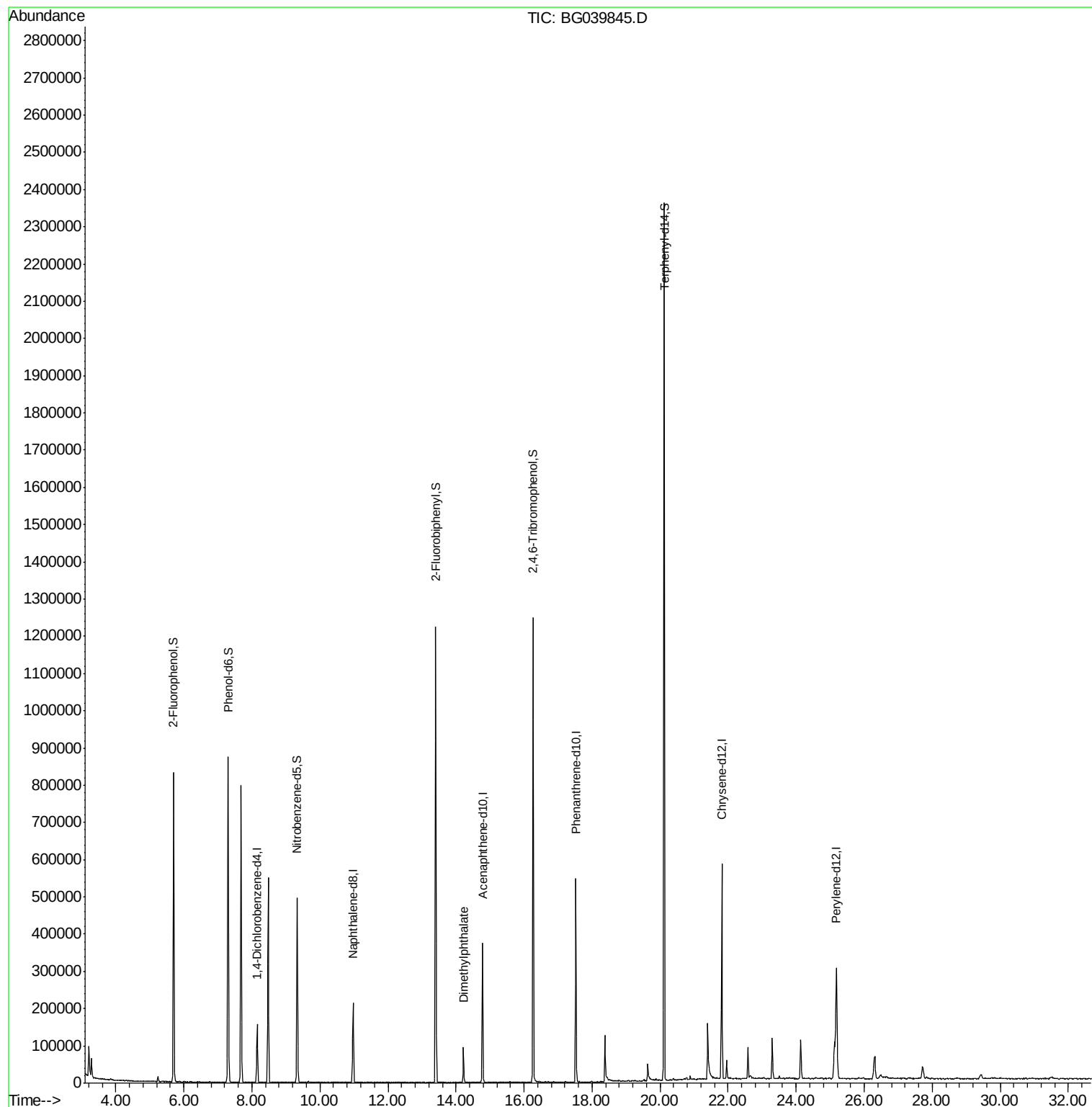
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43853	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183464	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	130725	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335458	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	355880	20.00	ng	-0.02
87) Perylene-d12	25.18	264	350071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	339902	132.23	ng	-0.01
7) Phenol-d6	7.30	99	503666	131.41	ng	-0.01
23) Nitrobenzene-d5	9.33	82	299406	88.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	212957	139.76	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	653248	71.15	ng	-0.02
79) Terphenyl-d14	20.12	244	1136717	70.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.22	163	64218	5.875	ng	Qvalue # 97

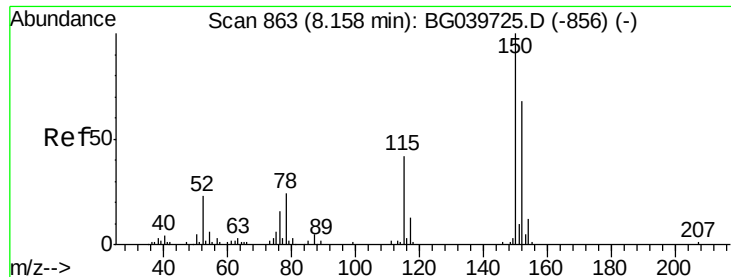
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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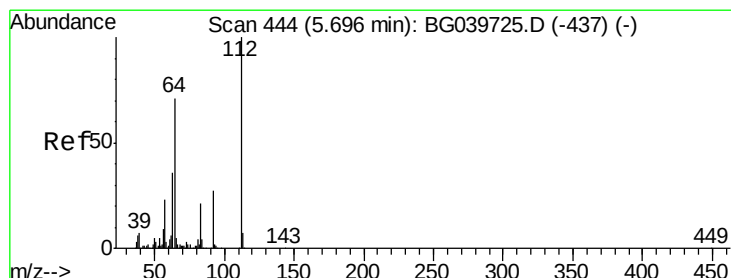
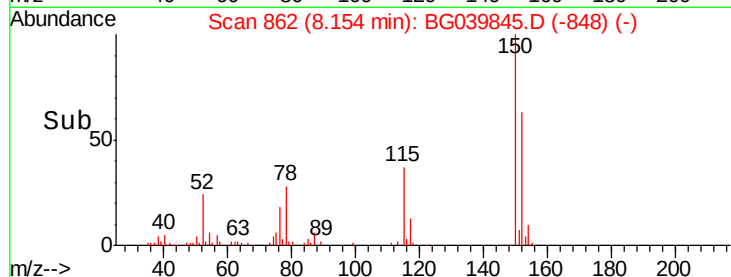
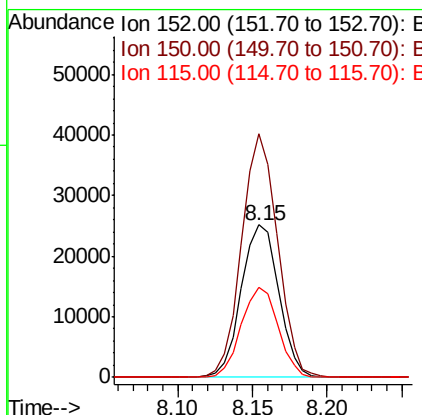
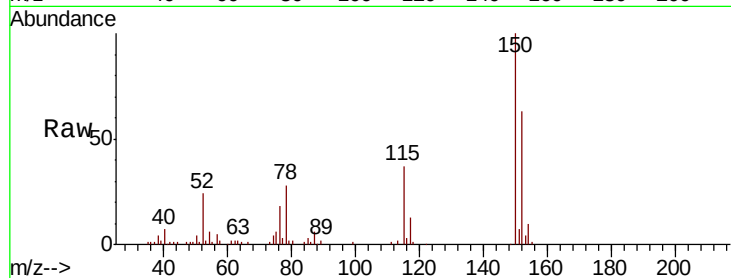


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Instrument :
BNA_G
ClientSampleId :
TP-12

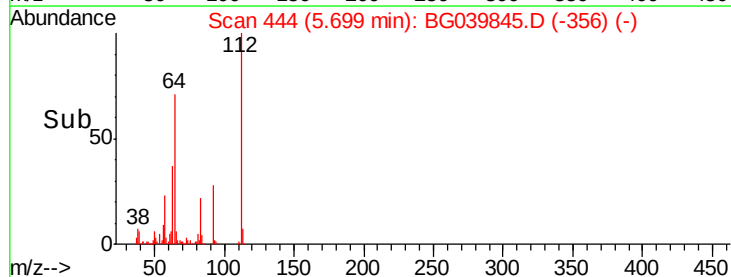
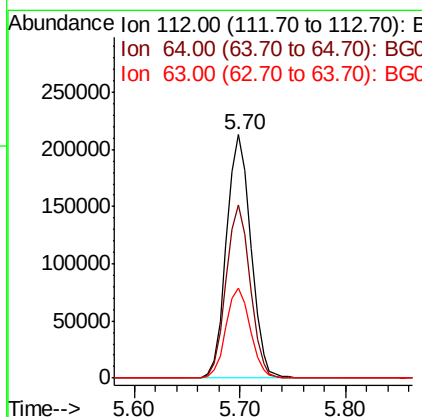
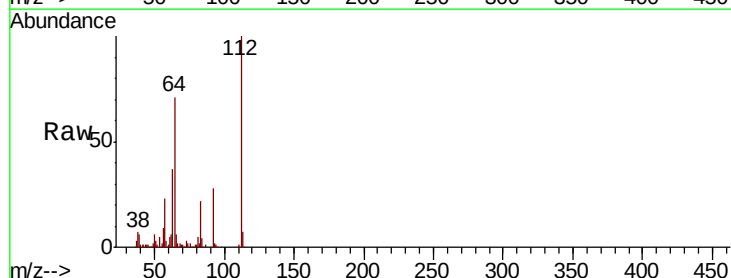
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.7	185.5
115	58.9	45.9	68.9

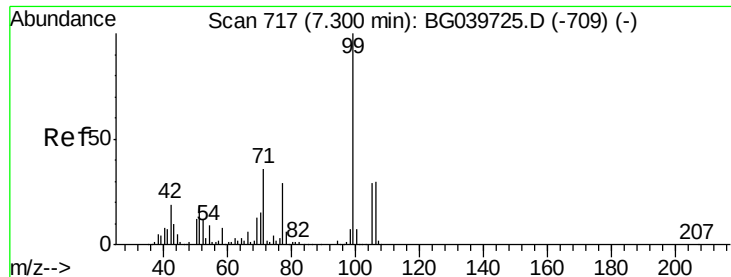


#5

2-Fluorophenol
Concen: 132.232 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.8	86.8
63	36.9	29.8	44.6





#7

Phenol-d6

Concen: 131.411 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039845.D

Acq: 11 Mar 2019 17:11

Instrument :

BNA_G

ClientSampleId :

TP-12

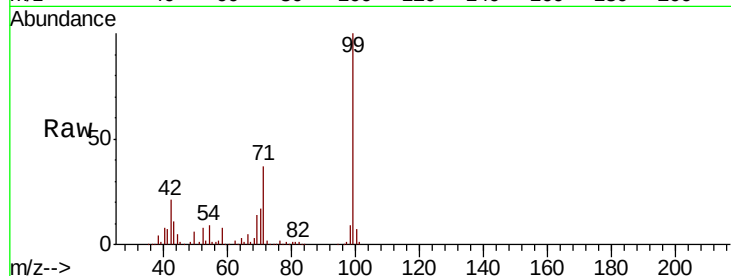
Tot Ion: 99 Resp: 503666

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.2

71 36.5 28.0 42.0

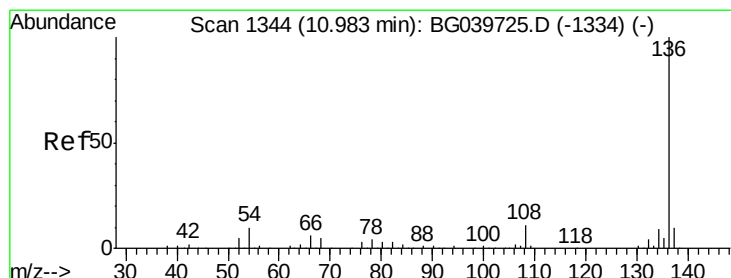
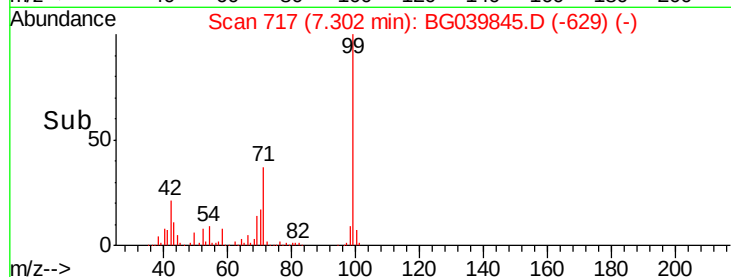
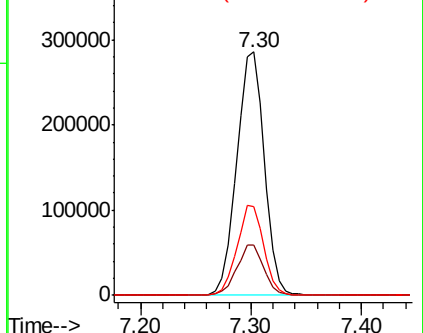


Abundance

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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039845.D

Acq: 11 Mar 2019 17:11

Tgt Ion: 136 Resp: 183464

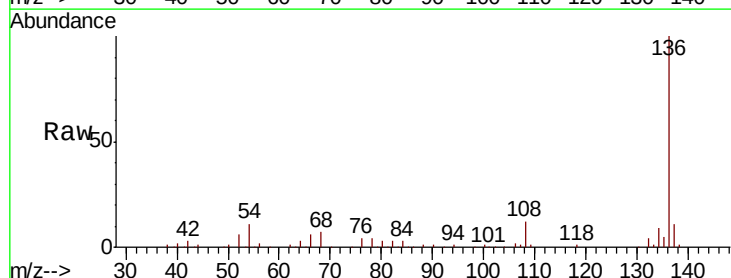
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.8 9.4 14.2

68 7.2 4.2 6.4#



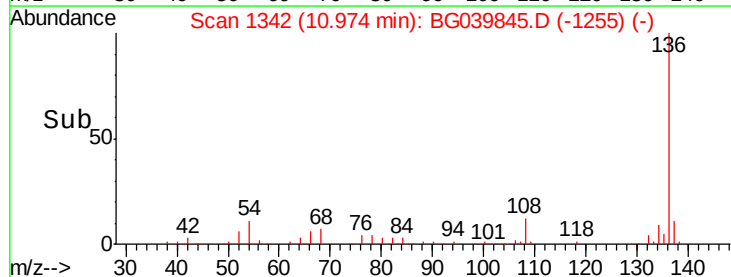
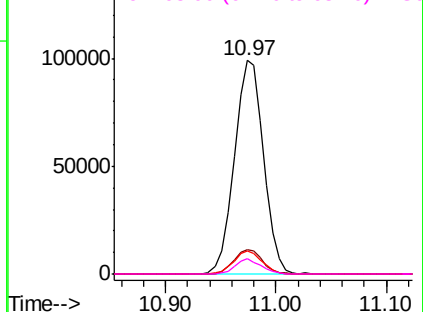
Abundance

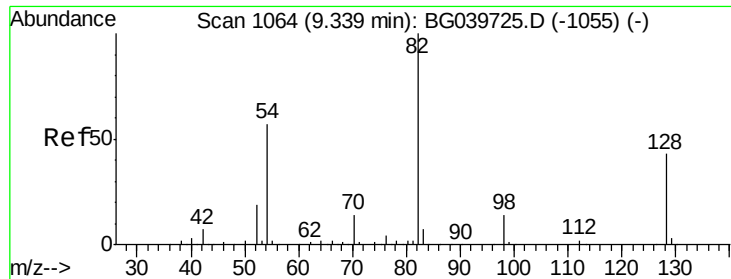
Ion 136.00 (135.70 to 136.70): BGC

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

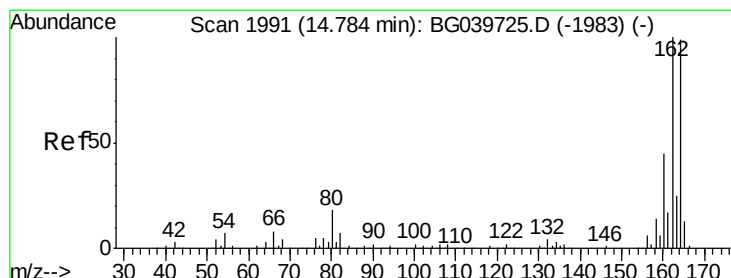
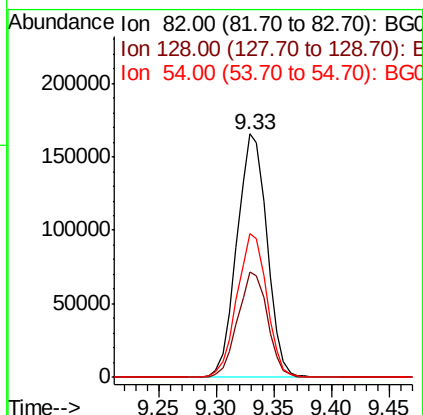
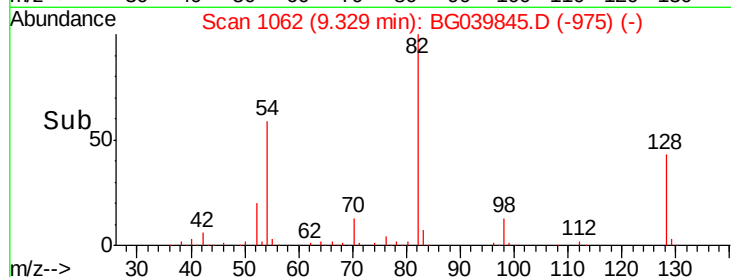
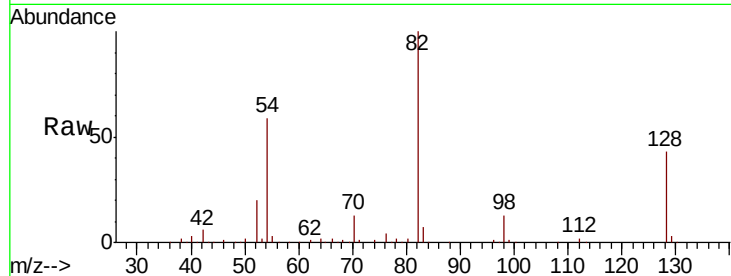




#23
 Nitrobenzene-d5
 Concen: 88.263 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039845.D
 Acq: 11 Mar 2019 17:11

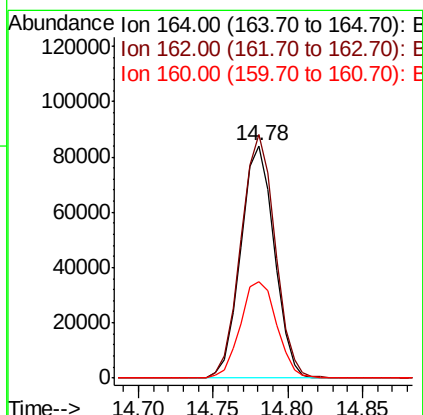
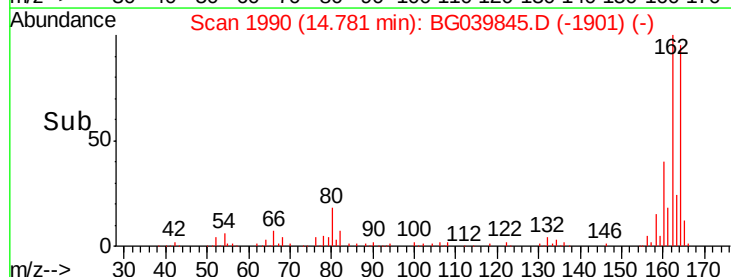
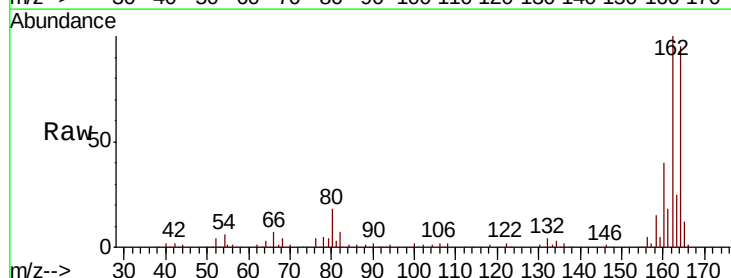
Instrument :
 BNA_G
 ClientSampled :
 TP-12

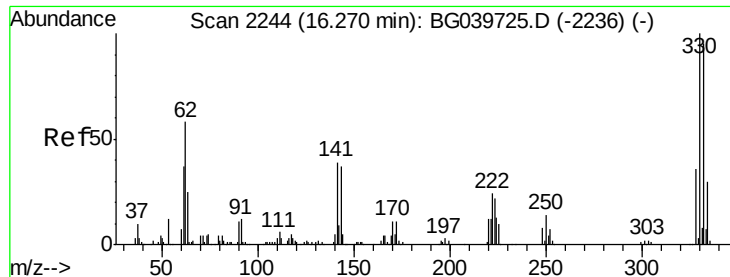
Tot Ion	82.00	Resp	299406
Ion Ratio	Lower	Upper	
82	100		
128	43.3	31.3	46.9
54	59.2	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039845.D
 Acq: 11 Mar 2019 17:11

Tgt Ion	164.00	Resp	130725
Ion Ratio	Lower	Upper	
164	100		
162	104.8	81.6	122.4
160	41.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 139.763 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039845.D

Acq: 11 Mar 2019 17:11

Instrument :

BNA_G

ClientSampleId :

TP-12

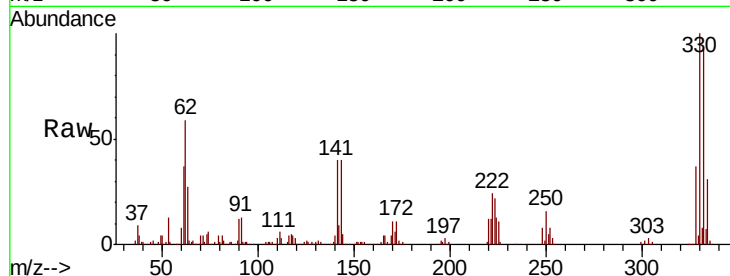
Tot Ion:330 Resp: 212957

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

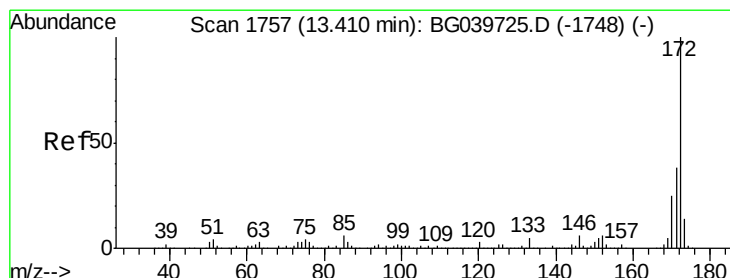
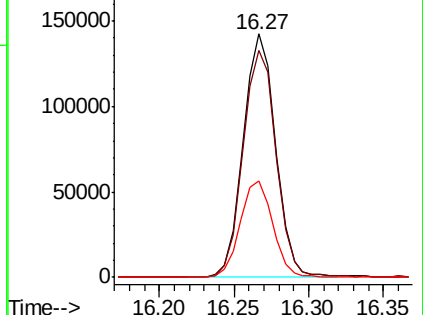
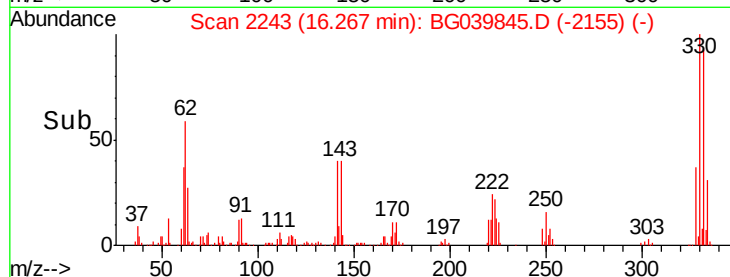
141 40.2 35.6 53.4



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: 71.150 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039845.D

Acq: 11 Mar 2019 17:11

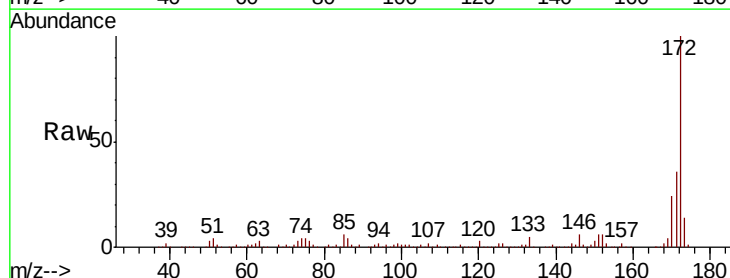
Tgt Ion:172 Resp: 653248

Ion Ratio Lower Upper

172 100

171 36.0 30.8 46.2

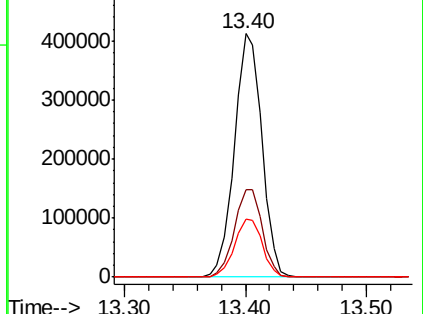
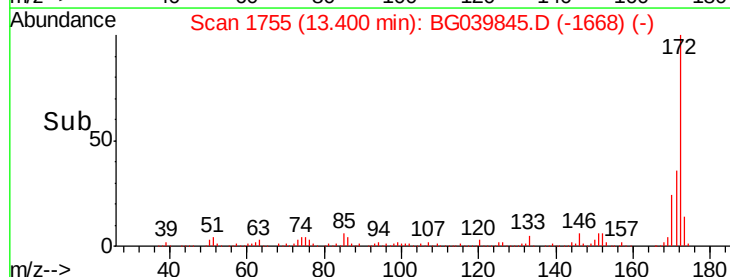
170 24.1 20.2 30.4

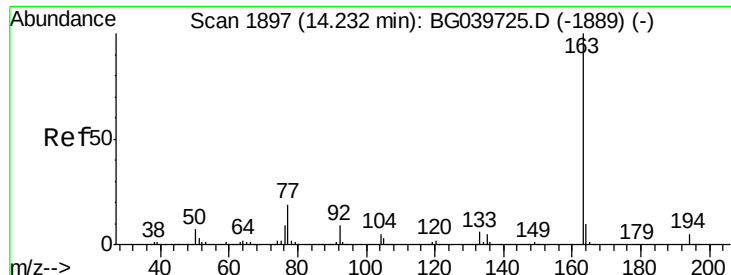


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.875 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039845.D

Acq: 11 Mar 2019 17:11

Instrument :

BNA_G

ClientSampleId :

TP-12

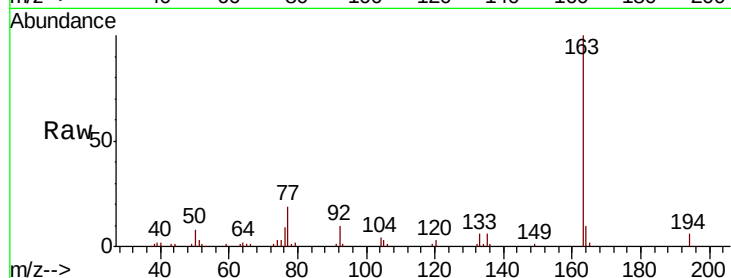
Tot Ion:163 Resp: 64218

Ion Ratio Lower Upper

163 100

194 6.2 3.6 5.4#

164 9.9 8.4 12.6

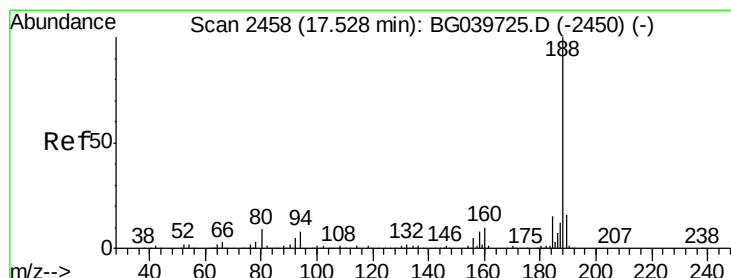
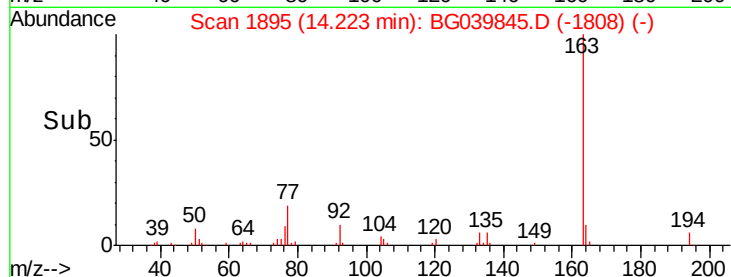
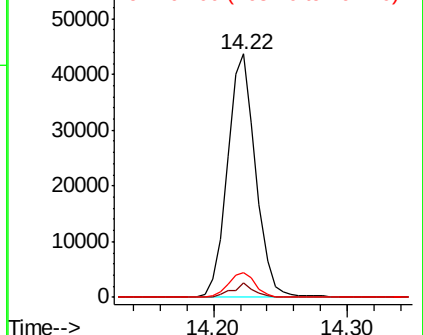


Abundance

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039845.D

Acq: 11 Mar 2019 17:11

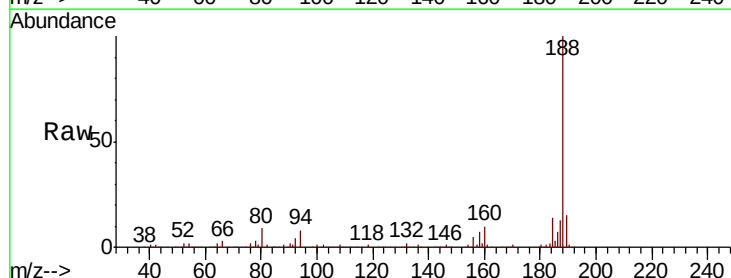
Tgt Ion:188 Resp: 335458

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 8.6 8.1 12.1

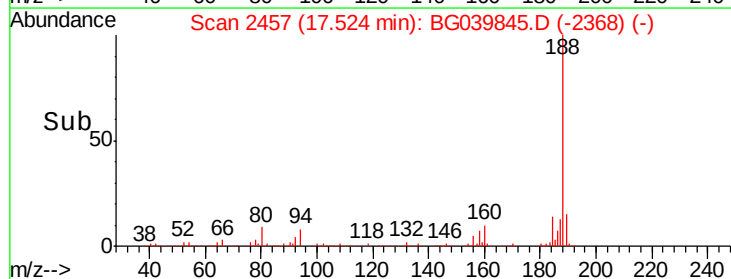
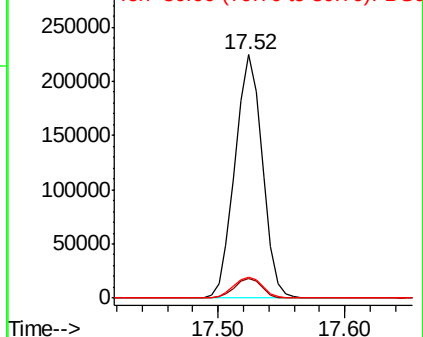


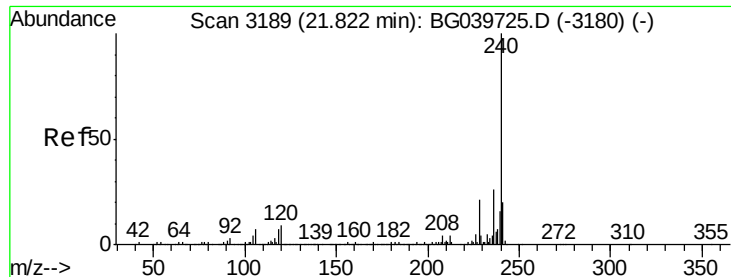
Abundance

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

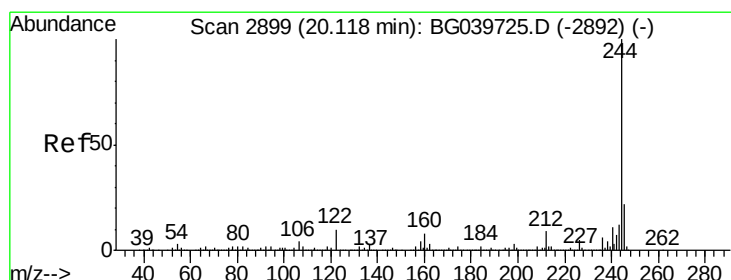
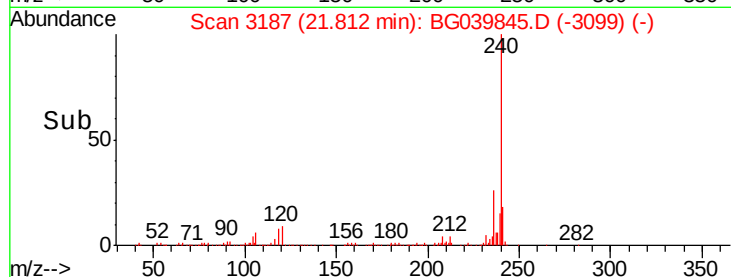
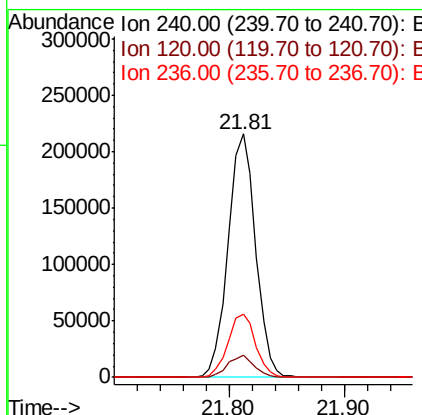
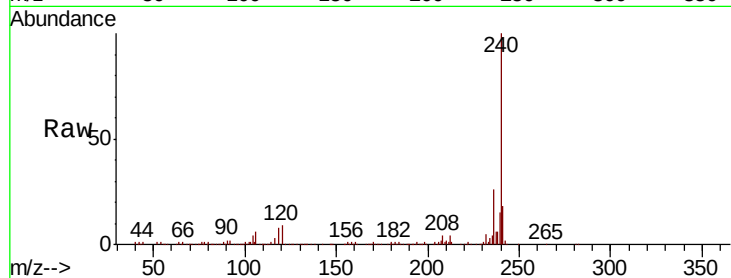




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

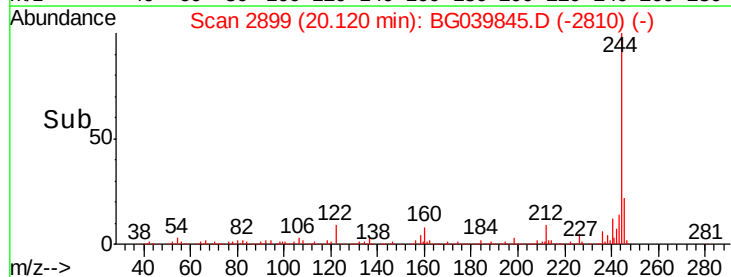
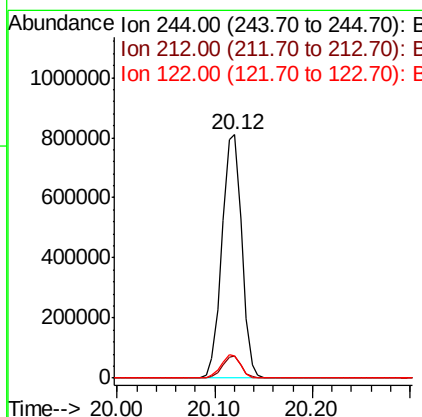
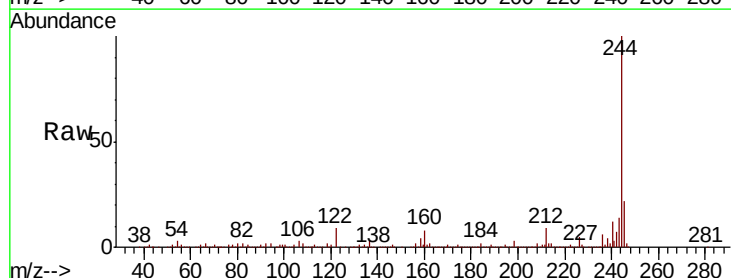
Instrument :
BNA_G
ClientSampleId :
TP-12

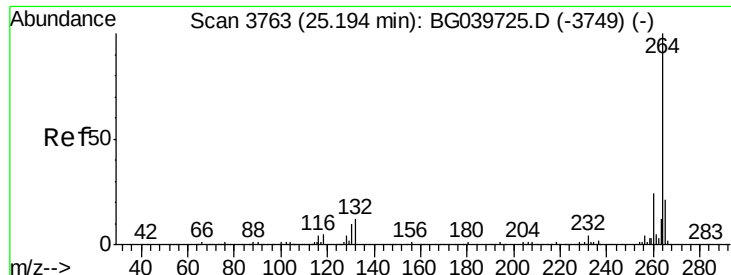
Tot Ion:240 Resp: 355880
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 70.328 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039845.D
Acq: 11 Mar 2019 17:11

Tgt Ion:244 Resp: 1136717
Ion Ratio Lower Upper
244 100
212 9.0 7.3 10.9
122 9.1 8.4 12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.18 min Scan# 3760
 Delta R.T. -0.02 min
 Lab File: BG039845.D
 Acq: 11 Mar 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.9	18.5	27.7

