

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039823.D
 Acq On : 8 Mar 2019 16:18
 Operator : JU/SJ
 Sample : K1807-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Mar 09 00:30:10 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

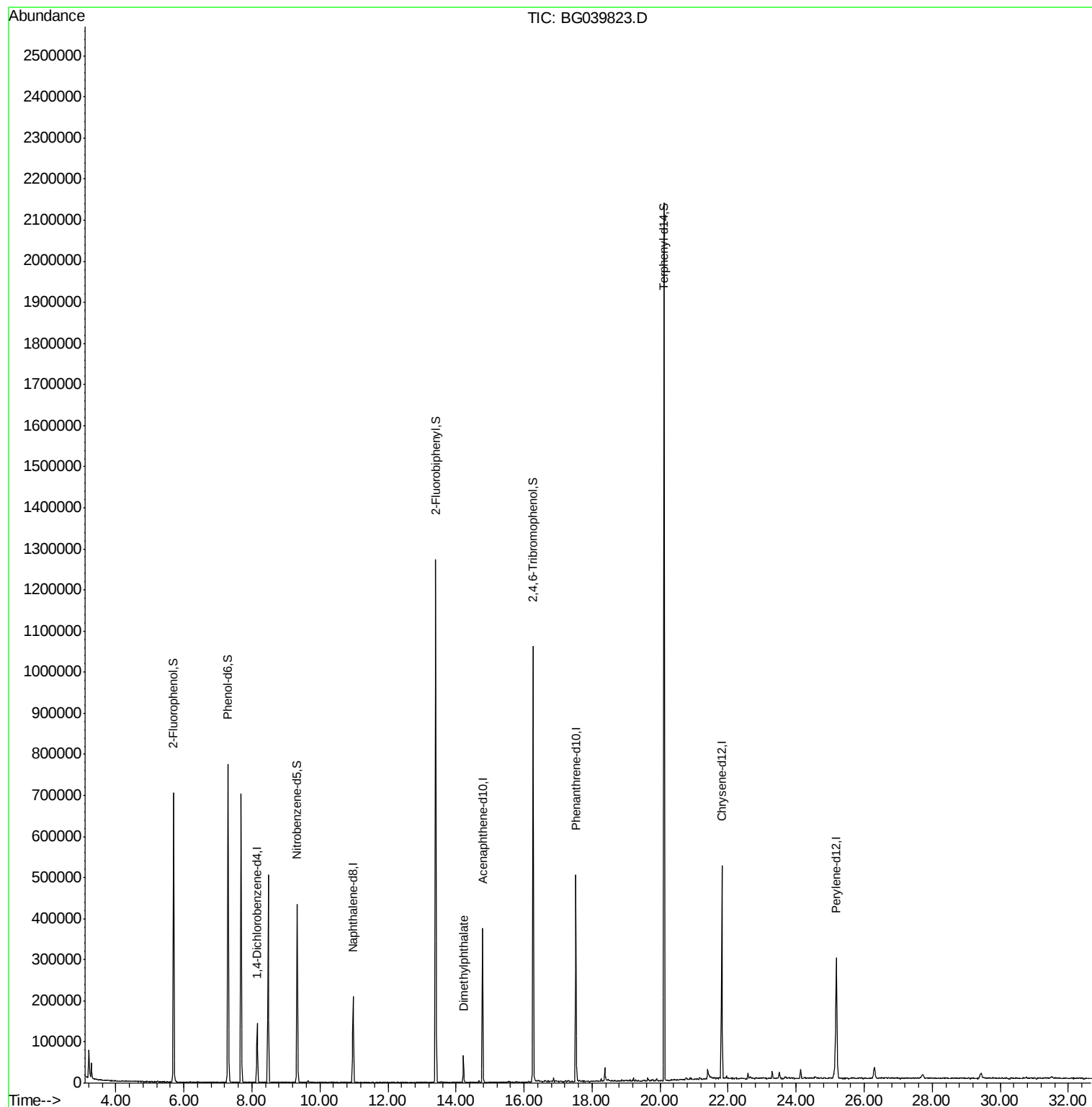
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40329	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	179290	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	126714	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	312188	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	317752	20.00	ng	-0.02
87) Perylene-d12	25.18	264	316713	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	299001	126.48	ng	-0.01
7) Phenol-d6	7.30	99	445657	126.44	ng	-0.02
23) Nitrobenzene-d5	9.33	82	259514	78.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	177942	120.48	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	653585	73.44	ng	-0.02
79) Terphenyl-d14	20.11	244	990712	68.65	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.22	163	48435	4.571	ng	Qvalue # 95

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

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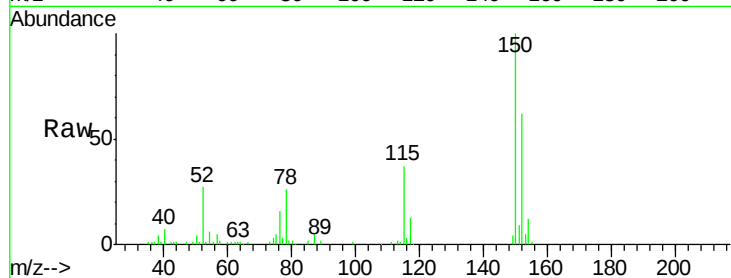


#1

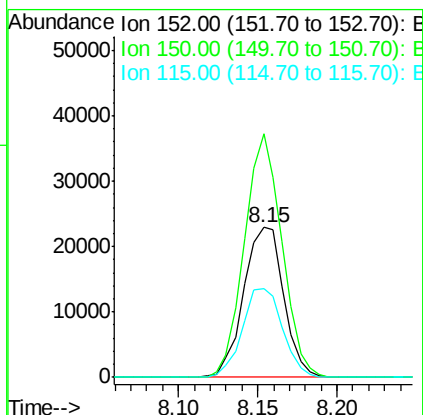
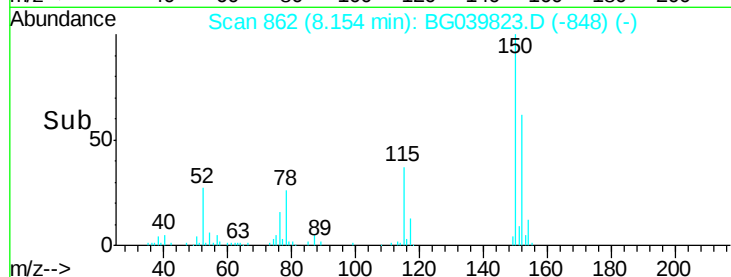
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Instrument :
BNA_G
ClientSampled :
TP-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	123.7	185.5
115	59.5	45.9	68.9



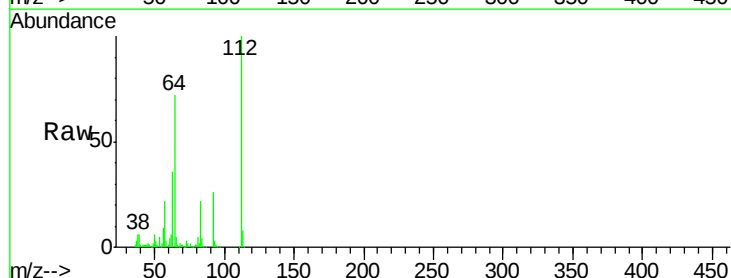
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



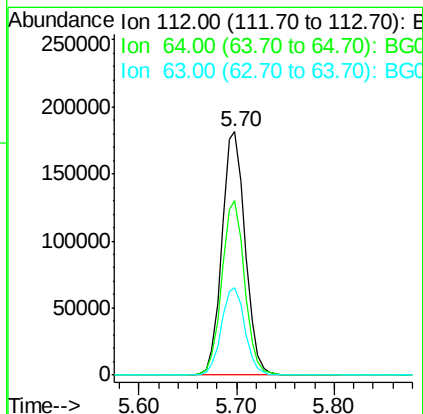
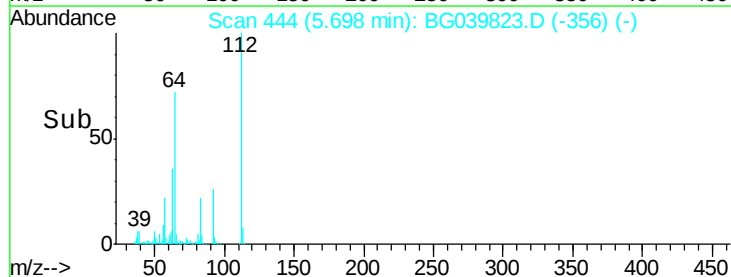
#5

2-Fluorophenol
Concen: 126.484 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.8	86.8
63	36.1	29.8	44.6



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





#7

Phenol-d6

Concen: 126.436 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

TP-4

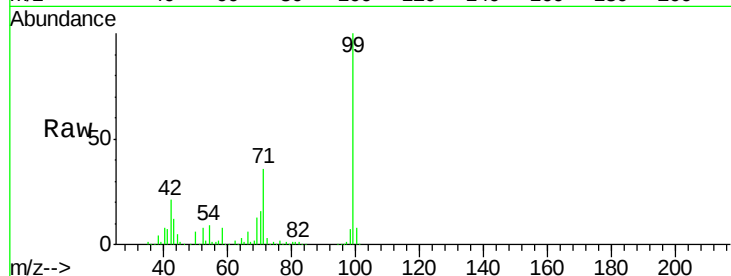
Tgt Ion: 99 Resp: 445657

Ion Ratio Lower Upper

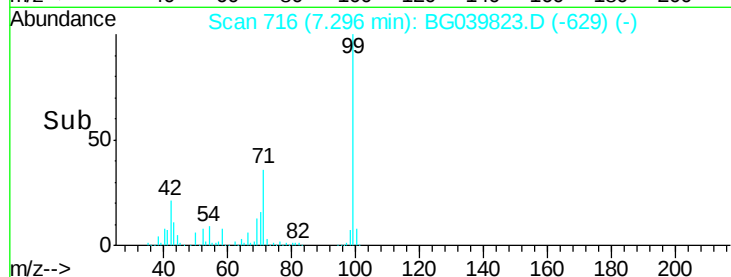
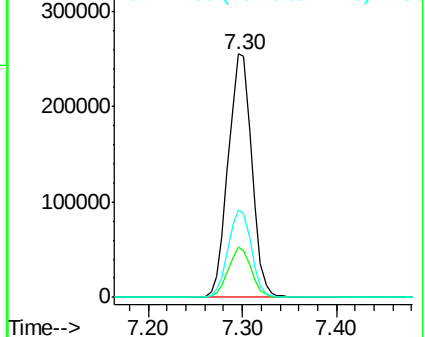
99 100

42 20.7 18.2 27.2

71 35.8 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: BG039823.D

Acq: 8 Mar 2019 16:18

Tgt Ion: 136 Resp: 179290

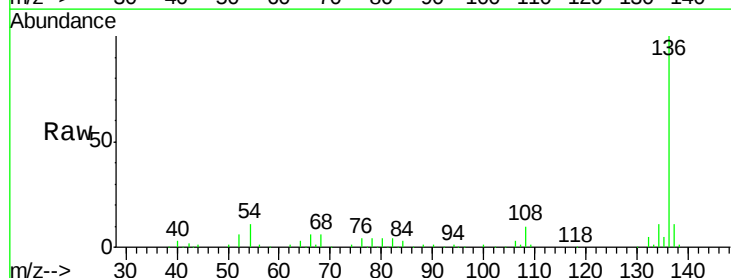
Ion Ratio Lower Upper

136 100

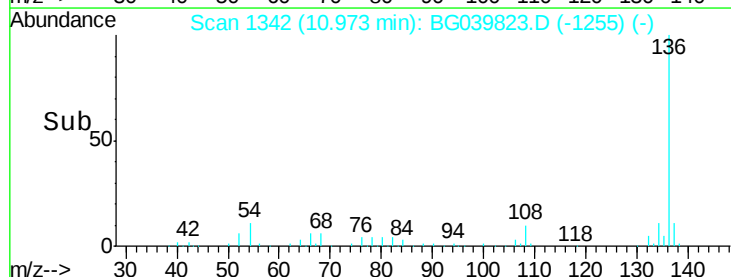
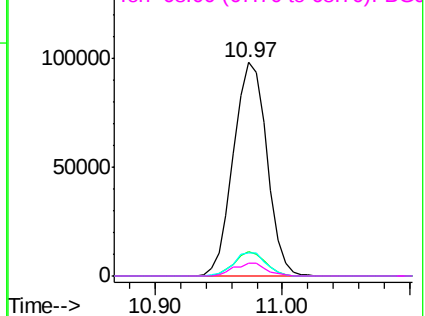
137 11.4 9.1 13.7

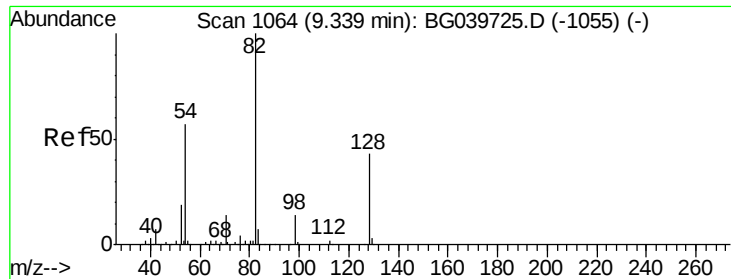
54 10.8 9.4 14.2

68 5.9 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

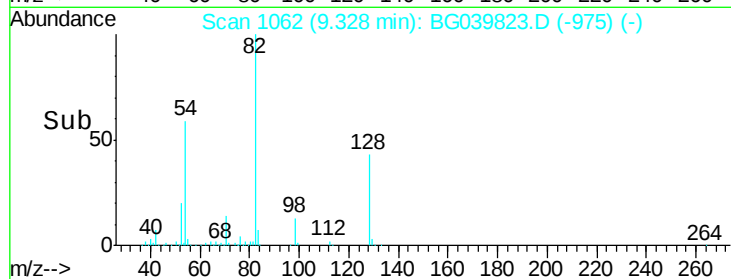
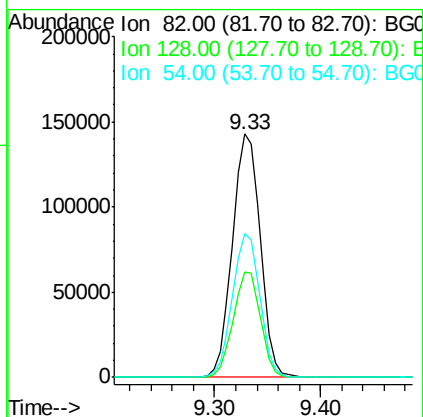
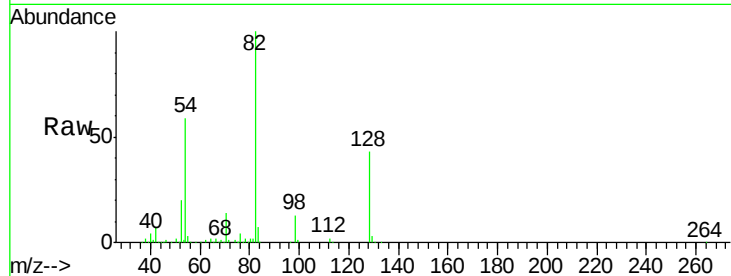




#23
 Nitrobenzene-d5
 Concen: 78.284 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

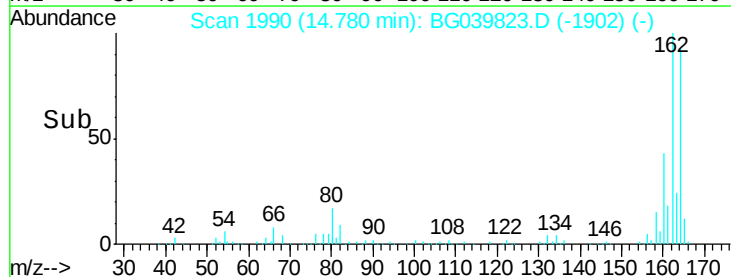
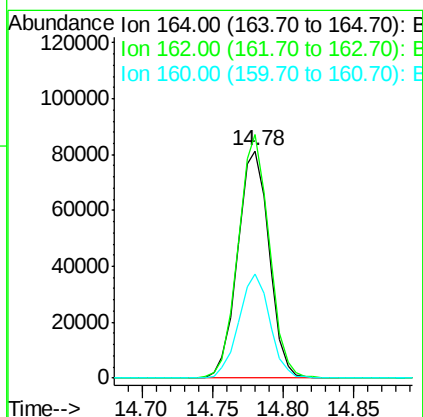
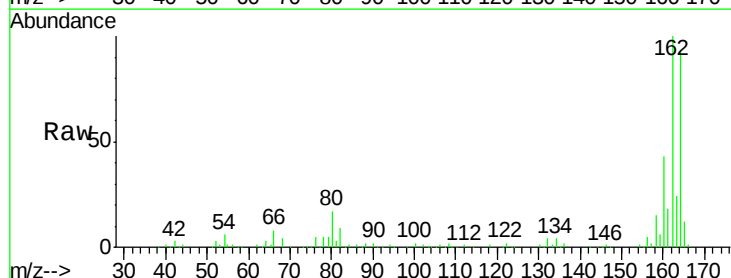
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

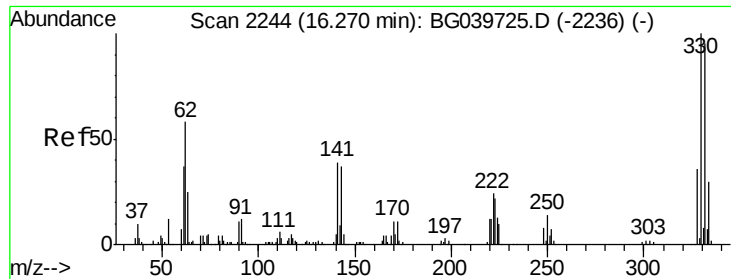
Tgt Ion: 82 Resp: 259514
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.3 46.9
 54 58.9 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Tgt Ion: 164 Resp: 126714
 Ion Ratio Lower Upper
 164 100
 162 107.0 81.6 122.4
 160 45.9 34.2 51.2

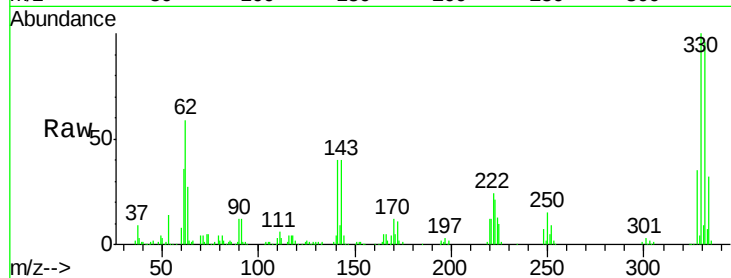




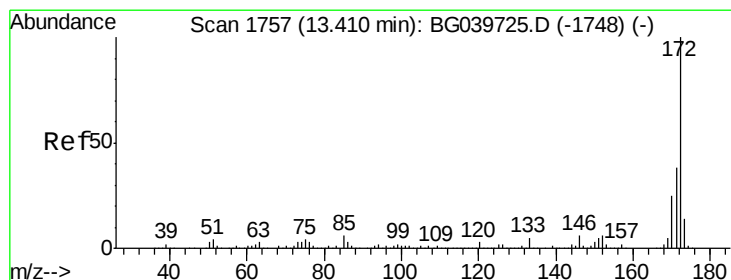
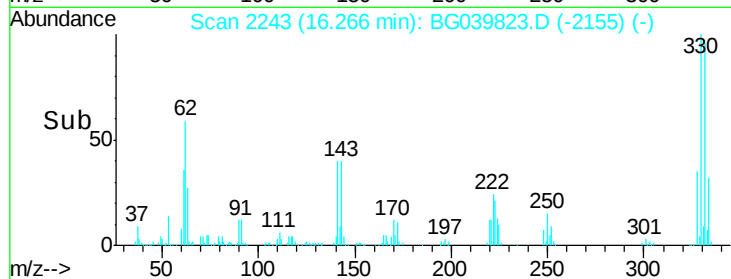
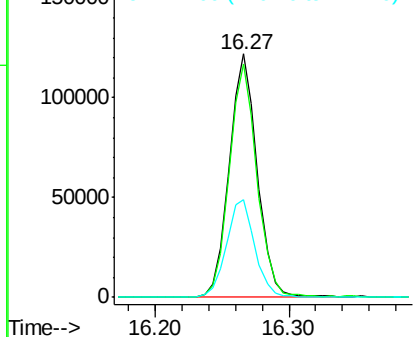
#42
 2,4,6-Tribromophenol
 Concen: 120.480 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:330 Resp: 177942
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 41.1 35.6 53.4

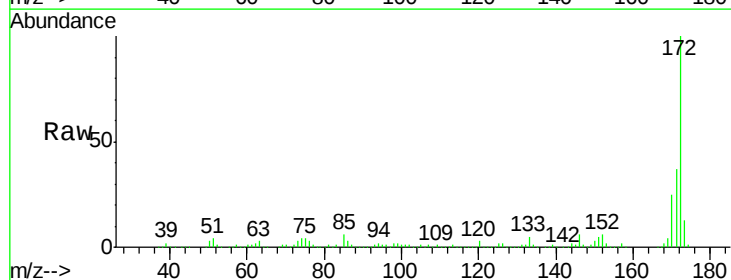


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

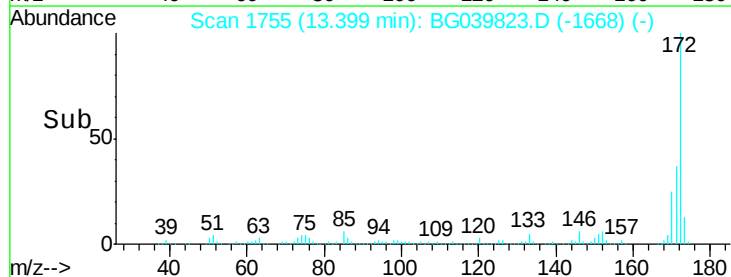
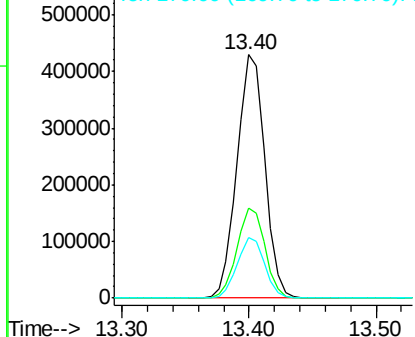


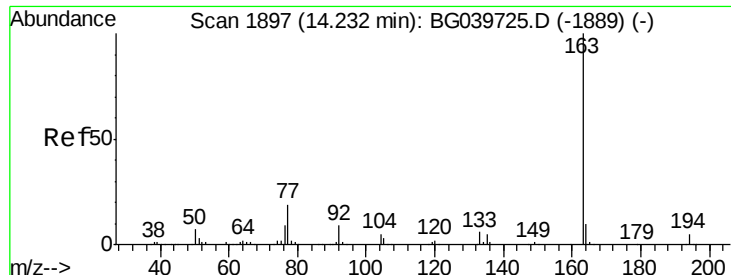
#45
 2-Fluorobiphenyl
 Concen: 73.440 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039823.D
 Acq: 8 Mar 2019 16:18

Tgt Ion:172 Resp: 653585
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.9 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: 4.571 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

TP-4

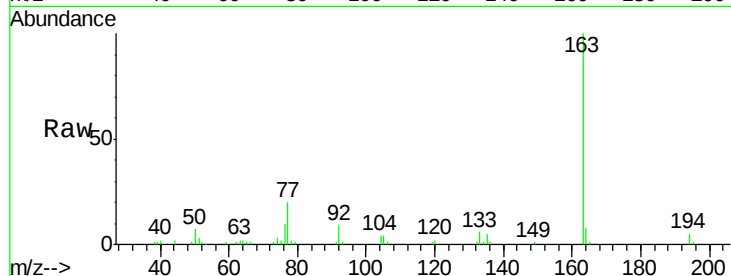
Tgt Ion:163 Resp: 48435

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

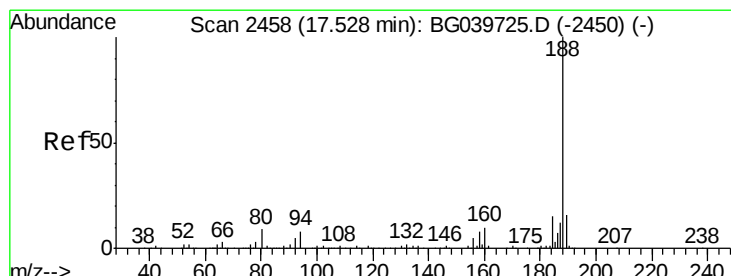
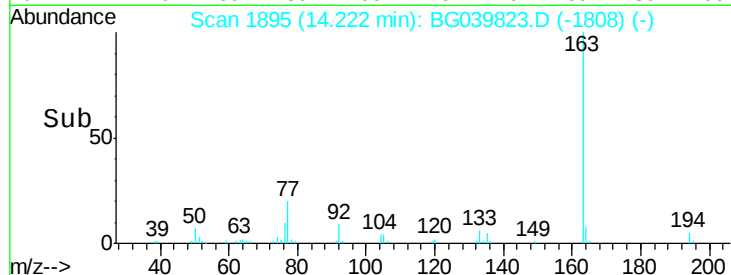
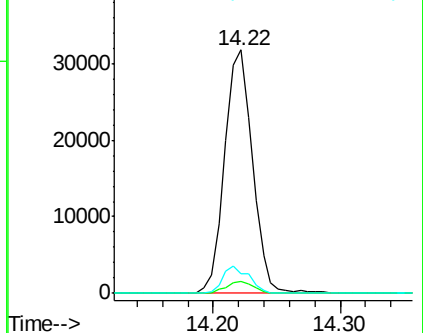
164 8.3 8.4 12.6#



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: BG039823.D

Acq: 8 Mar 2019 16:18

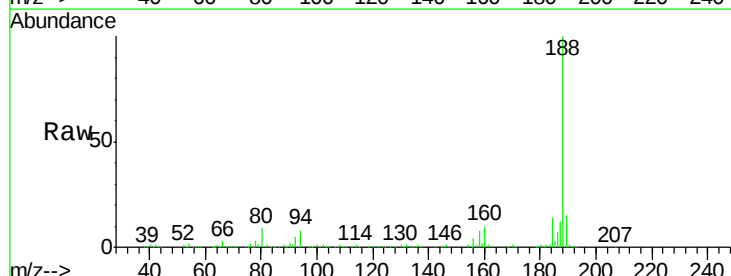
Tgt Ion:188 Resp: 312188

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

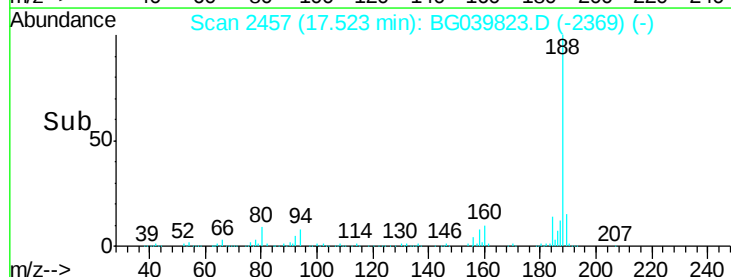
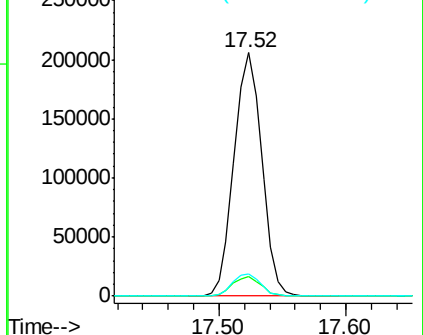
80 9.1 8.1 12.1

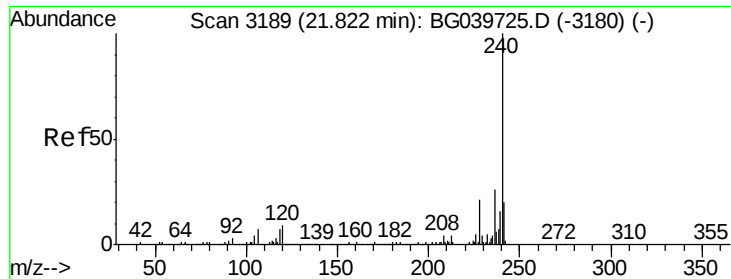


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

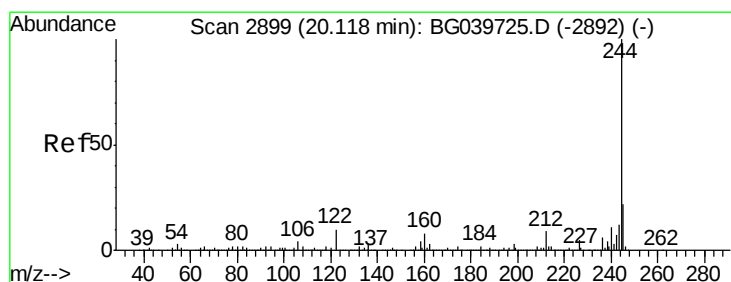
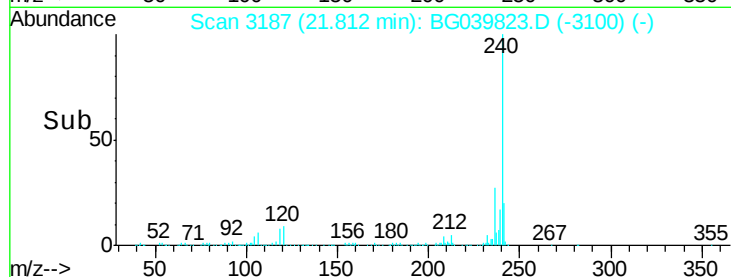
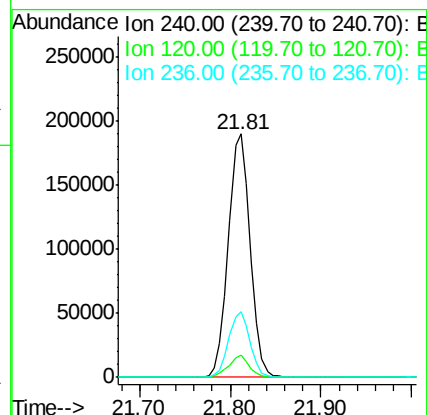
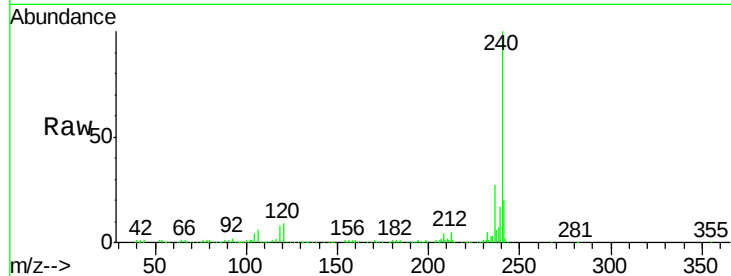




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

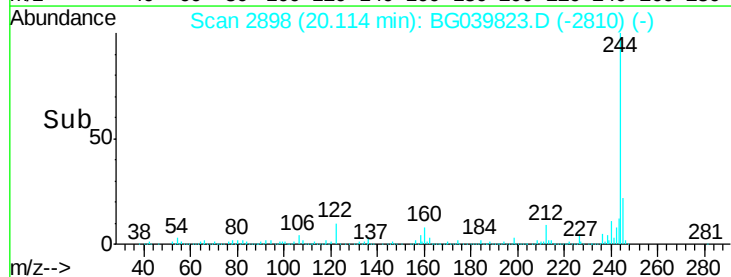
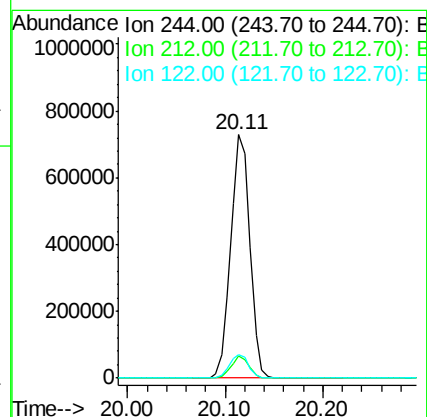
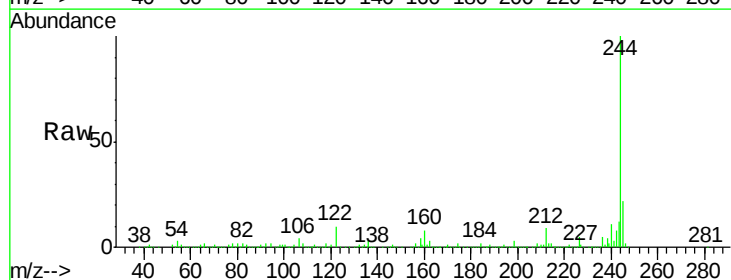
Instrument :
BNA_G
ClientSampled :
TP-4

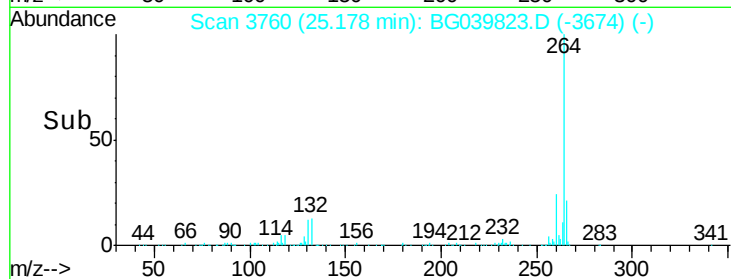
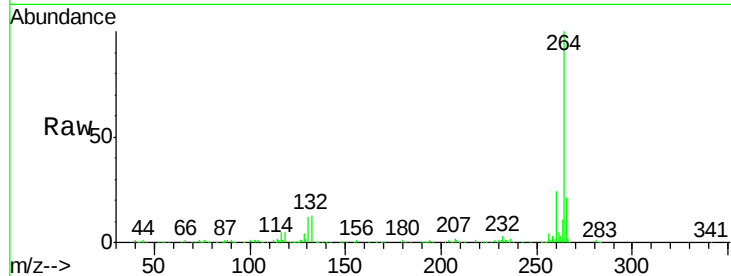
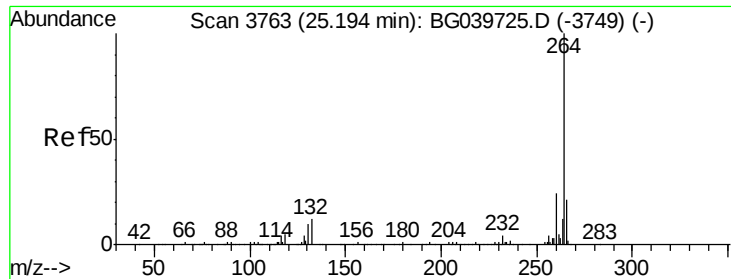
Tgt Ion:240 Resp: 317752
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.8 21.0 31.4



#79
Terphenyl-d14
Concen: 68.650 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039823.D
Acq: 8 Mar 2019 16:18

Tgt Ion:244 Resp: 990712
Ion Ratio Lower Upper
244 100
212 8.9 7.3 10.9
122 9.7 8.4 12.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039823.D

Acq: 8 Mar 2019 16:18

Instrument :

BNA_G

ClientSampleId :

TP-4

Tgt Ion:264 Resp: 316713

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 20.8 18.5 27.7

