

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039813.D
 Acq On : 7 Mar 2019 22:04
 Operator : JU/SJ
 Sample : K1760-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z2-8

Quant Time: Mar 08 01:45:24 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	8.16	152	45526	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	190970	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	137502	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	360751	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	383110	20.00	ng	-0.02
87) Perylene-d12	25.18	264	380622	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	370781	138.94	ng	-0.01
7) Phenol-d6	7.30	99	499867	125.63	ng	-0.01
23) Nitrobenzene-d5	9.33	82	354614	100.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	229500	143.20	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	888930	92.05	ng	-0.01
79) Terphenyl-d14	20.12	244	1576751	90.62	ng	0.00

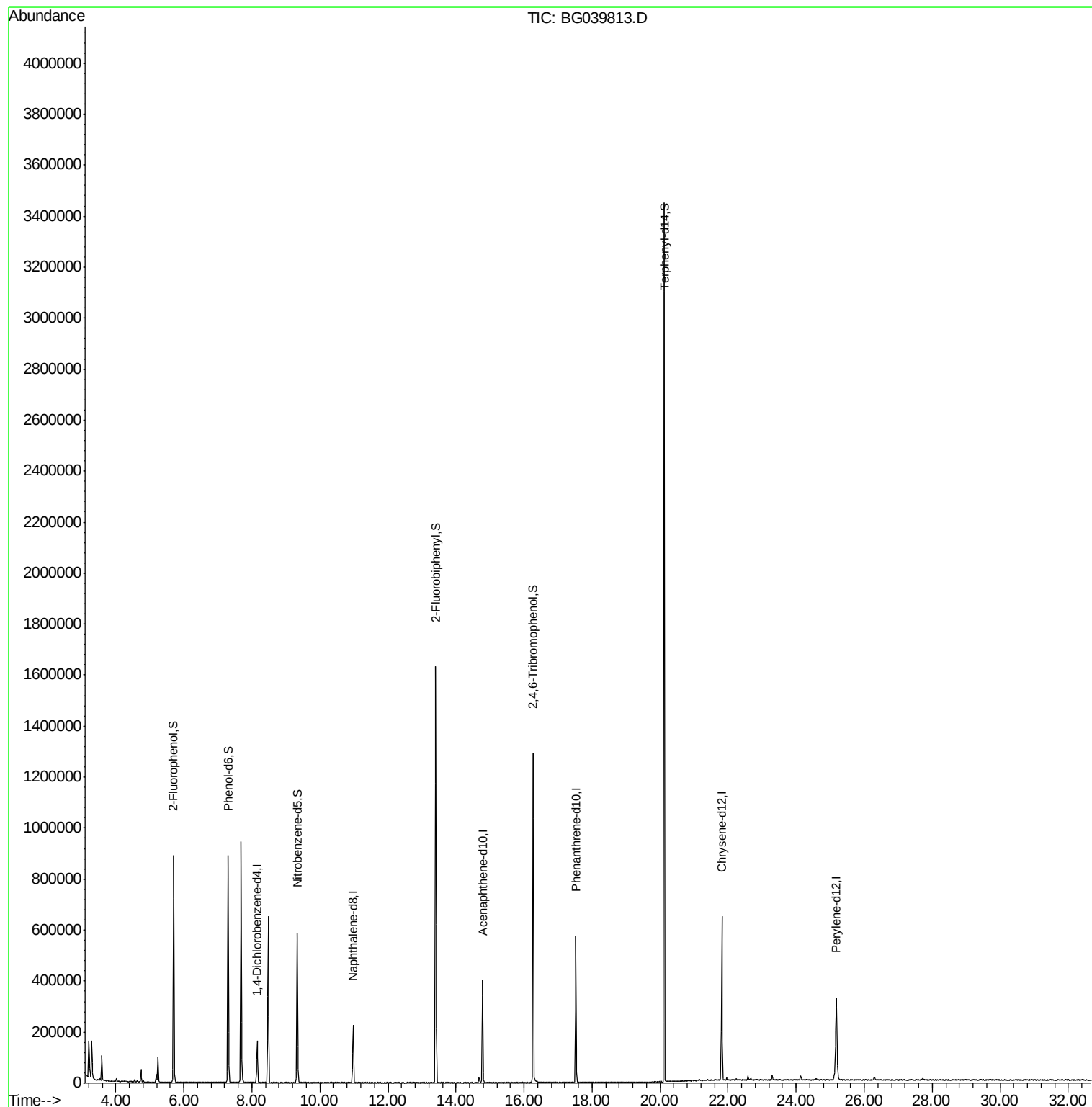
Target Compounds Qvalue

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

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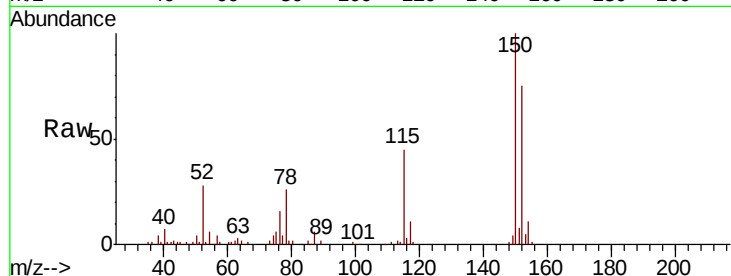


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039813.D
Acq: 7 Mar 2019 22:04

Instrument :
BNA_G
ClientSampled :
Z2-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.9	123.7	185.5
115	59.8	45.9	68.9

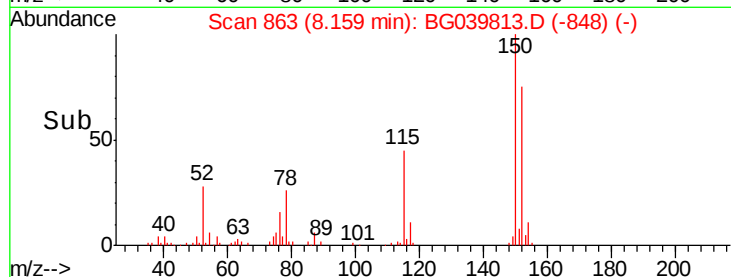
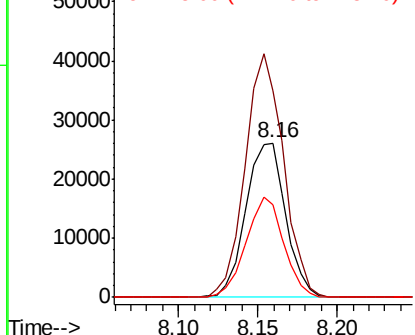


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

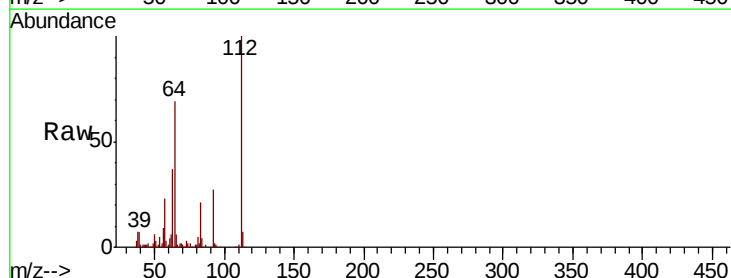
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.944 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039813.D
Acq: 7 Mar 2019 22:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	36.7	29.8	44.6

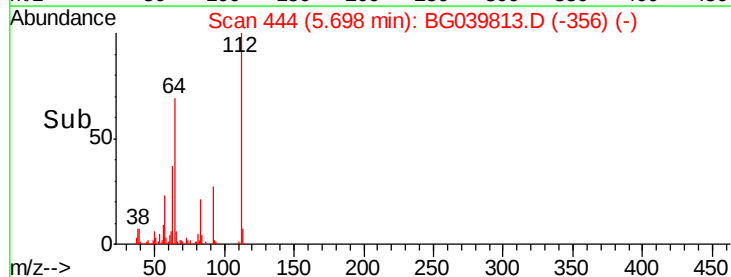
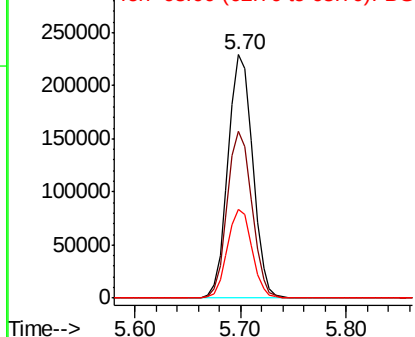


Abundance

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: 125.627 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039813.D

Acq: 7 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

Z2-8

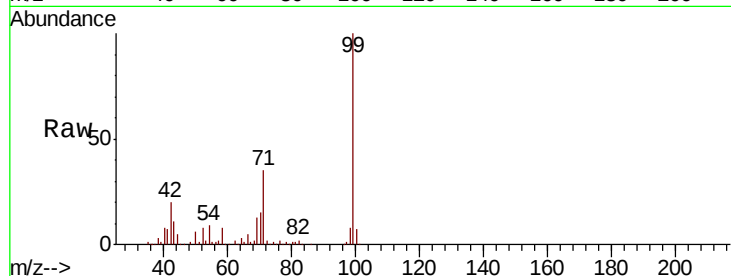
Tot Ion: 99 Resp: 499867

Ion Ratio Lower Upper

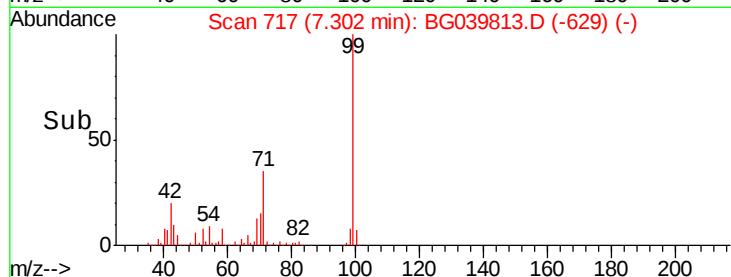
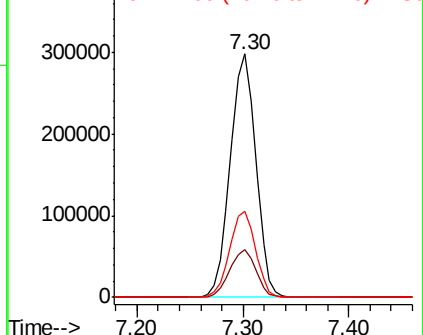
99 100

42 19.8 18.2 27.2

71 35.5 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: BG039813.D

Acq: 7 Mar 2019 22:04

Tgt Ion: 136 Resp: 190970

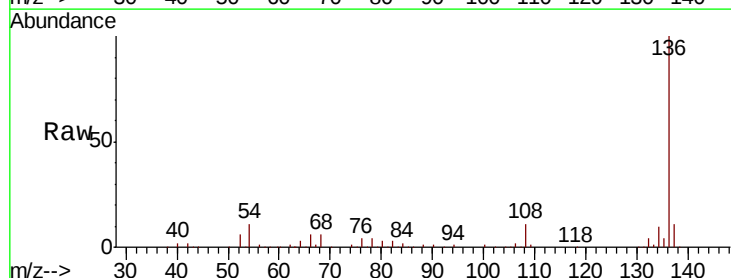
Ion Ratio Lower Upper

136 100

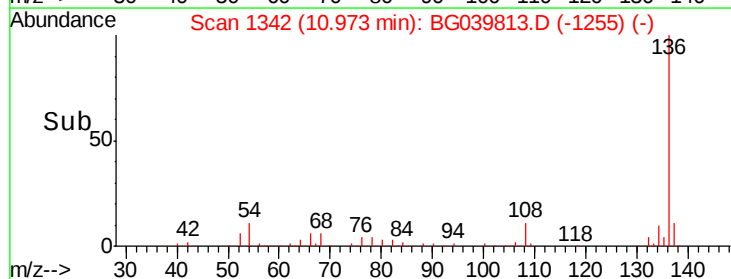
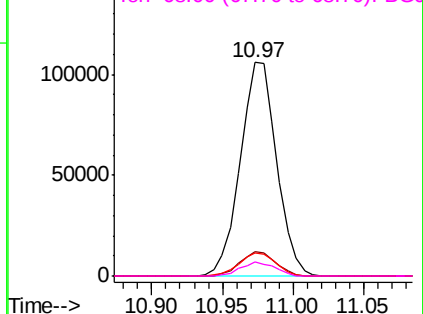
137 11.1 9.1 13.7

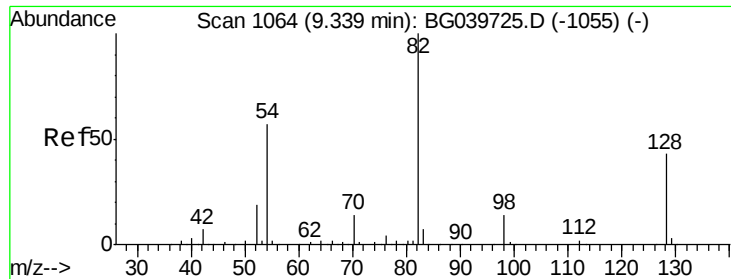
54 10.9 9.4 14.2

68 6.5 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: 100.429 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG039813.D

Acq: 7 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

Z2-8

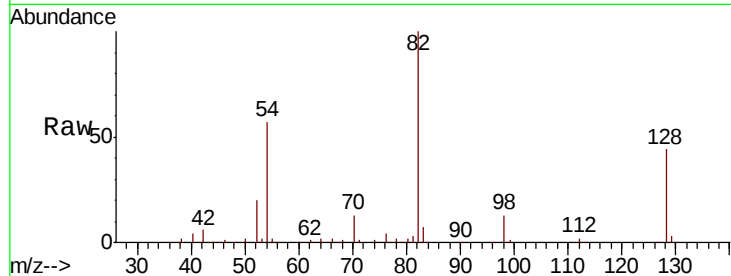
Tot Ion: 82 Resp: 354614

Ion Ratio Lower Upper

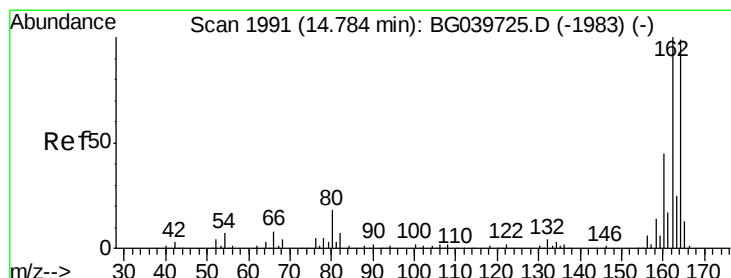
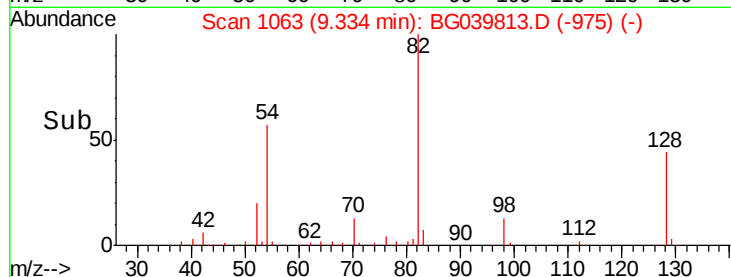
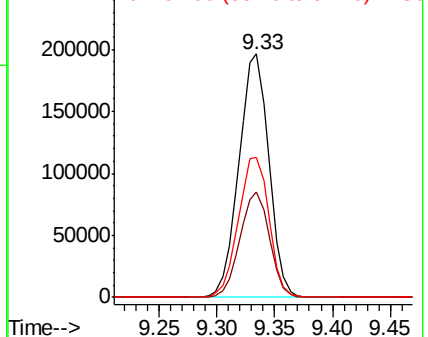
82 100

128 43.5 31.3 46.9

54 57.2 50.9 76.3



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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039813.D

Acq: 7 Mar 2019 22:04

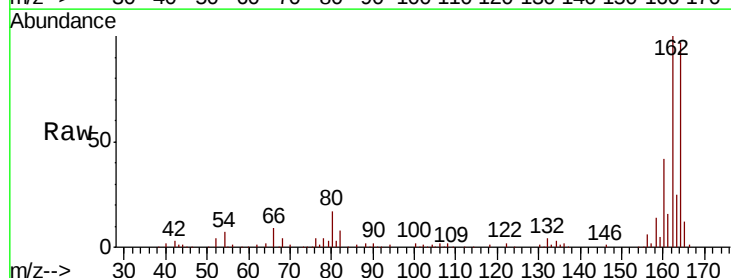
Tgt Ion:164 Resp: 137502

Ion Ratio Lower Upper

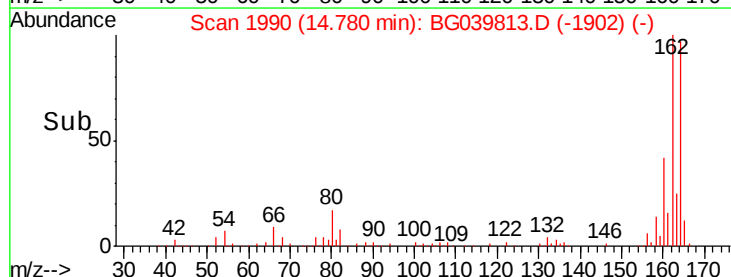
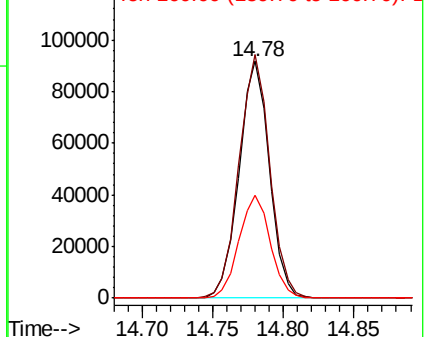
164 100

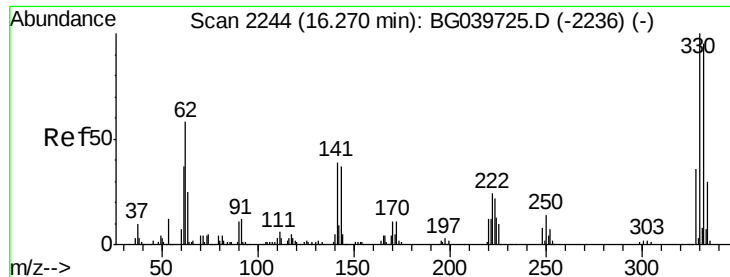
162 102.8 81.6 122.4

160 43.5 34.2 51.2



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

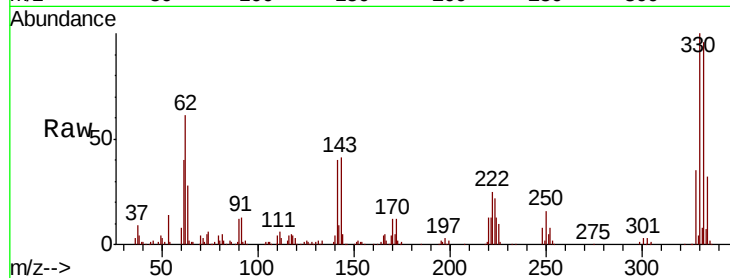




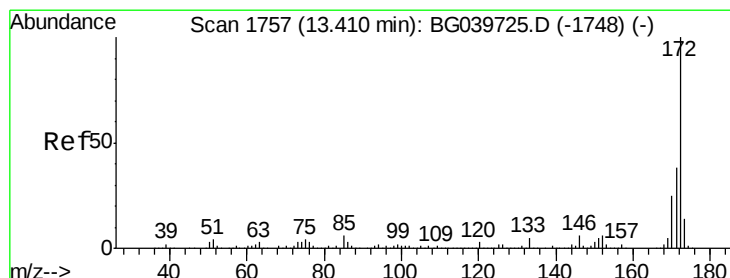
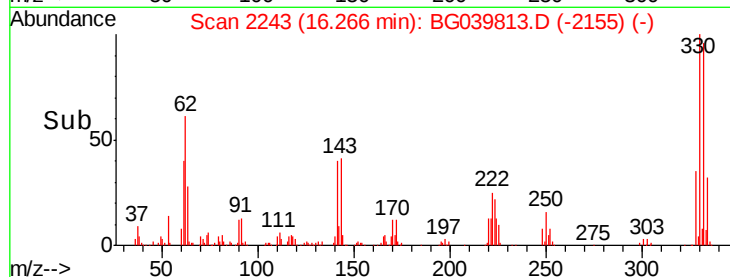
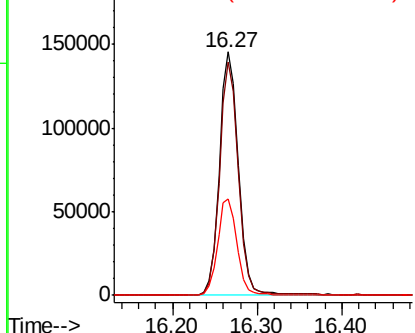
#42
 2,4,6-Tribromophenol
 Concen: 143.197 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039813.D
 Acq: 7 Mar 2019 22:04

Instrument :
 BNA_G
 ClientSampleId :
 Z2-8

Tot Ion:330 Resp: 229500
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 40.6 35.6 53.4

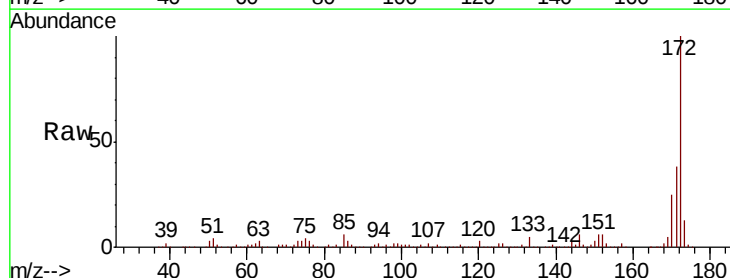


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

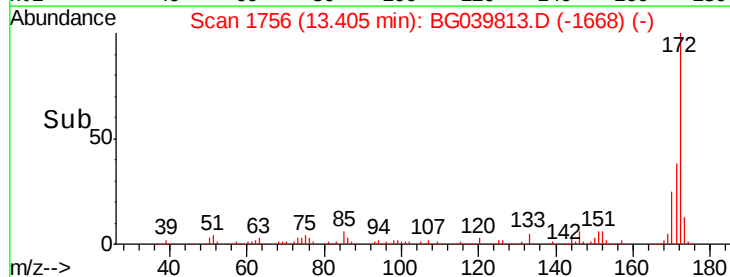
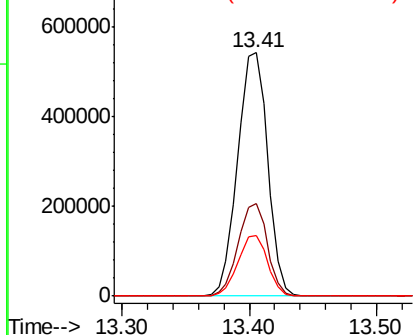


#45
 2-Fluorobiphenyl
 Concen: 92.048 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039813.D
 Acq: 7 Mar 2019 22:04

Tgt Ion:172 Resp: 888930
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.7 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

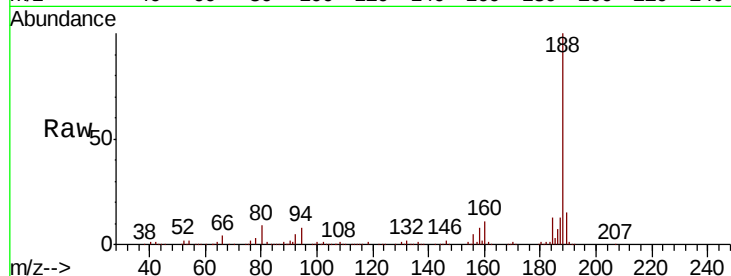




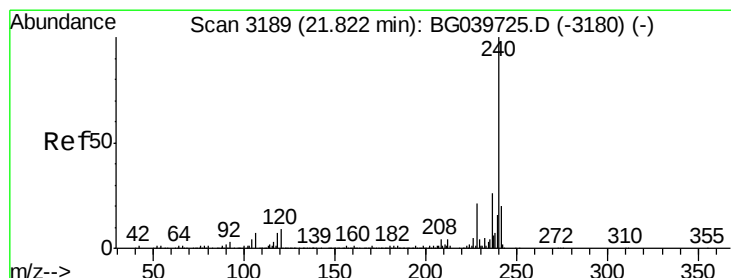
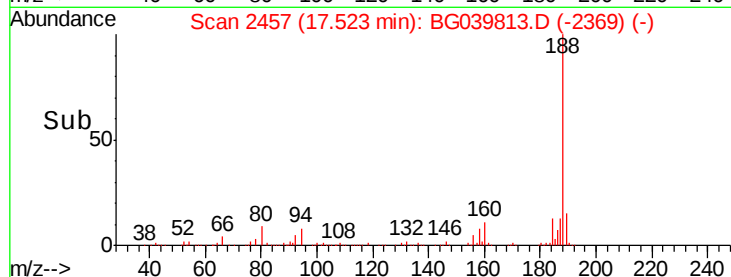
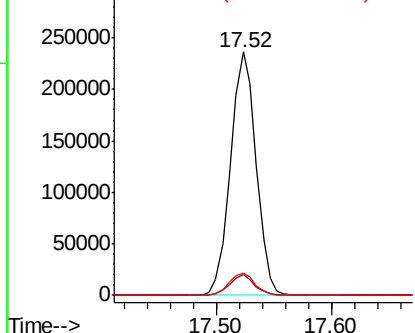
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039813.D
Acq: 7 Mar 2019 22:04

Instrument :
BNA_G
ClientSampleId :
Z2-8

Tot Ion:188 Resp: 360751
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.2 8.1 12.1

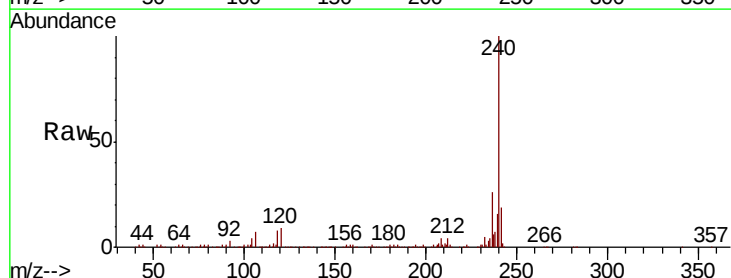


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

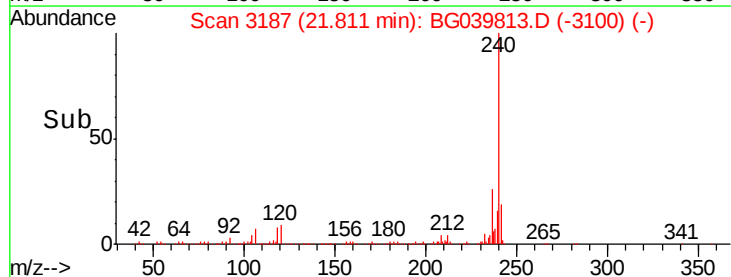
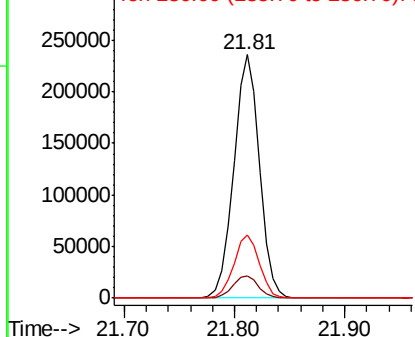


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039813.D
Acq: 7 Mar 2019 22:04

Tgt Ion:240 Resp: 383110
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.1 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.619 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039813.D

Acq: 7 Mar 2019 22:04

Instrument :

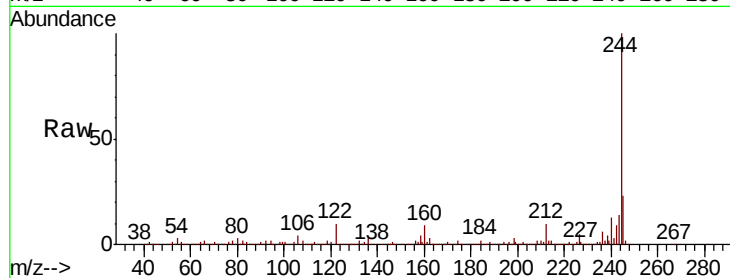
BNA_G

ClientSampleID :

Z2-8

Tot Ion:244 Resp: 1576751

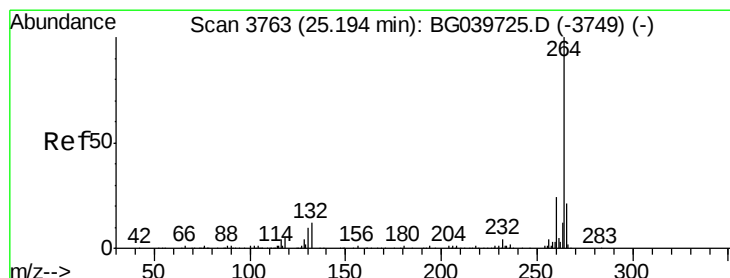
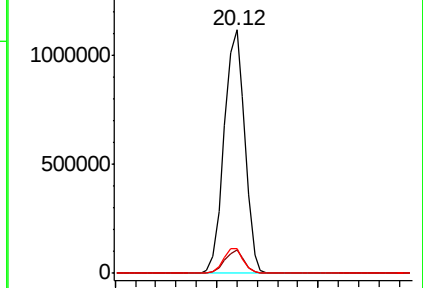
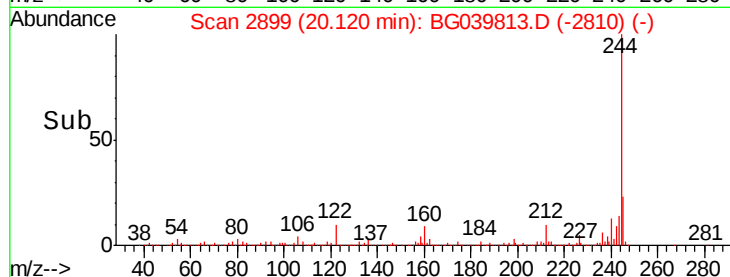
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.1	8.4	12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

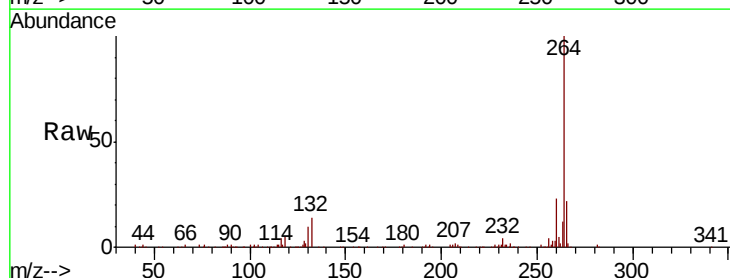
Delta R.T. -0.02 min

Lab File: BG039813.D

Acq: 7 Mar 2019 22:04

Tgt Ion:264 Resp: 380622

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.1	18.5	27.7



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

