

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039163.D
 Acq On : 16 Jan 2019 18:57
 Operator : JU/SJ
 Sample : K1139-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-7

Quant Time: Jan 17 04:17:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19703	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	79637	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	63156	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	165796	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	176459	20.00	ng	-0.03
87) Perylene-d12	24.95	264	186395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	155866	150.07	ng	0.00
7) Phenol-d6	7.18	99	195909	131.06	ng	-0.01
23) Nitrobenzene-d5	9.20	82	135223	92.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	147969	139.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	404965	87.75	ng	-0.01
79) Terphenyl-d14	20.01	244	914820	95.90	ng	-0.01

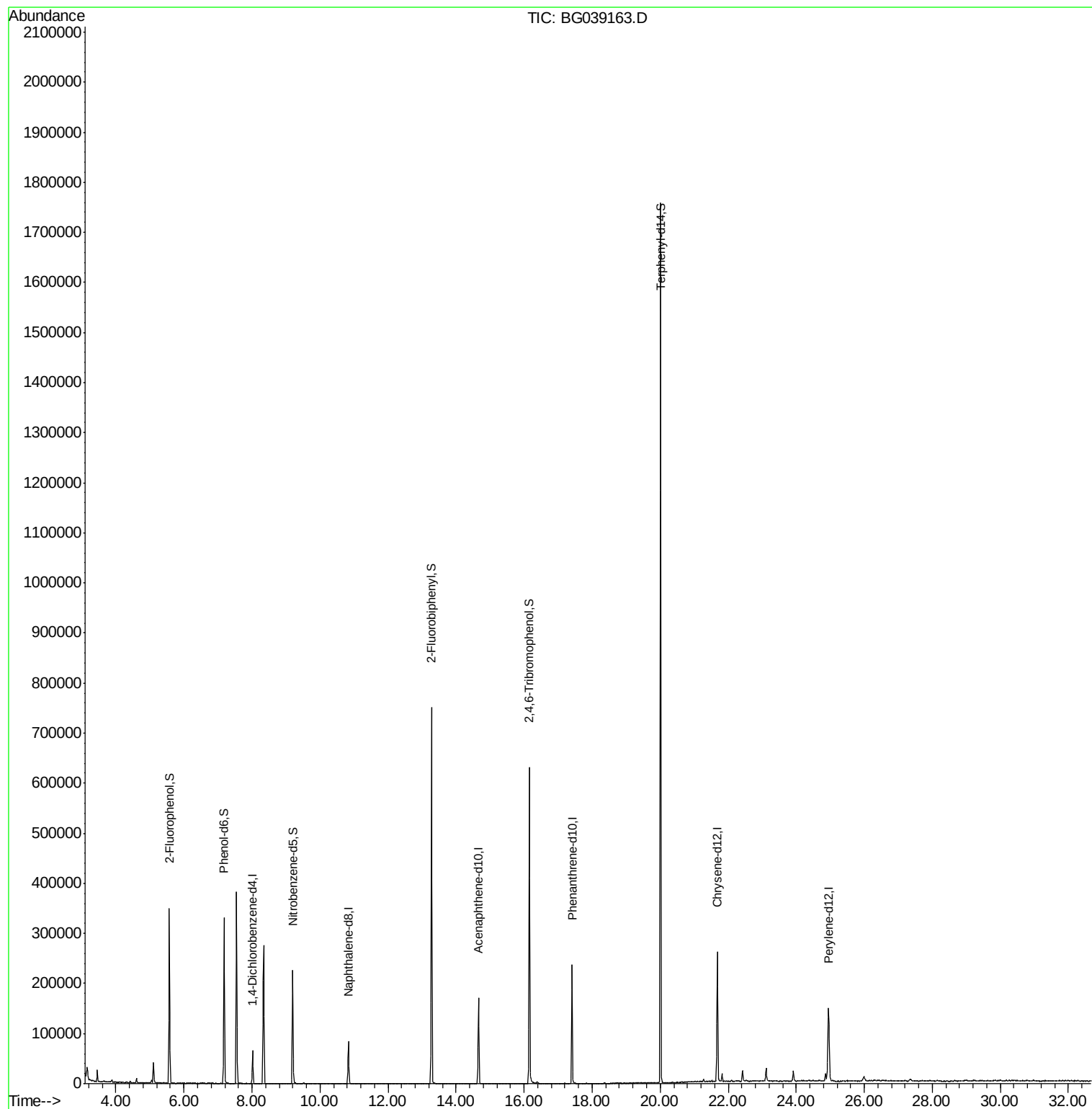
Target Compounds Qvalue

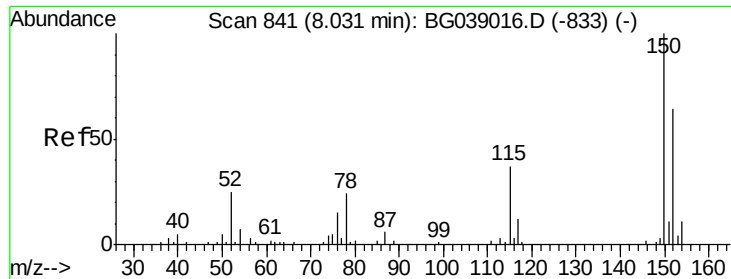
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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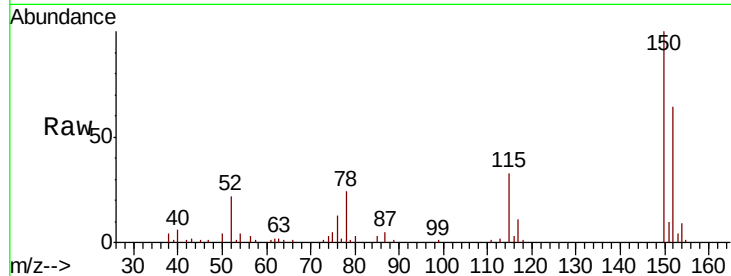


#1

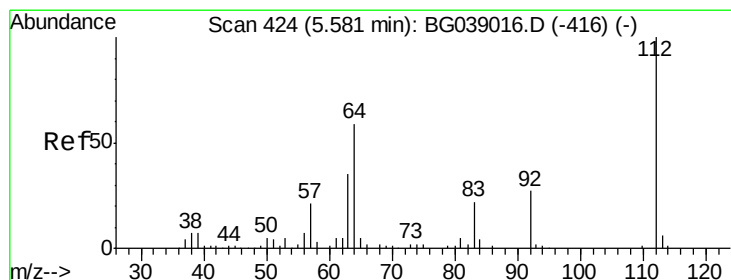
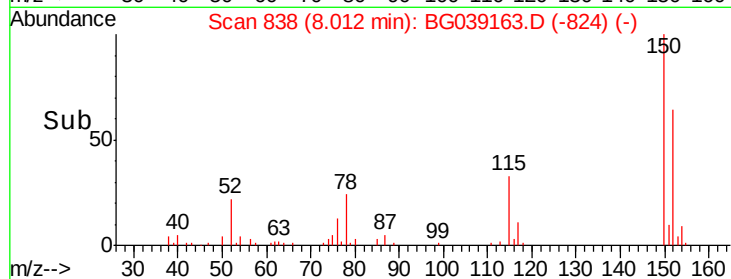
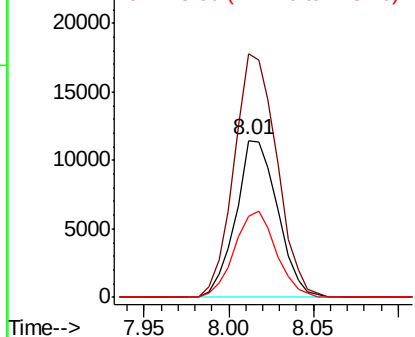
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S-7

Tot Ion:152 Resp: 19703
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 51.7 46.5 69.7



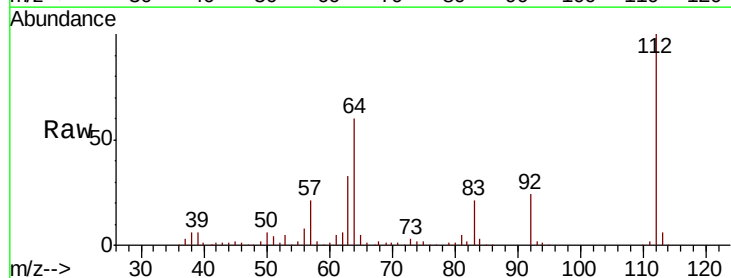
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



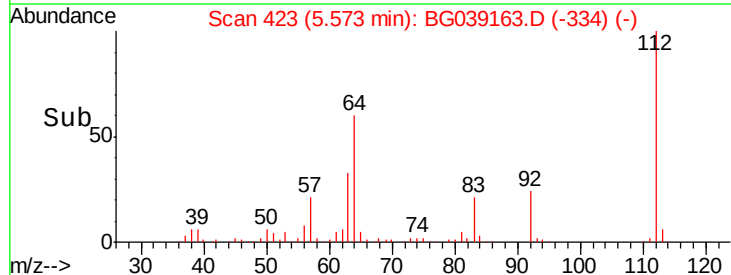
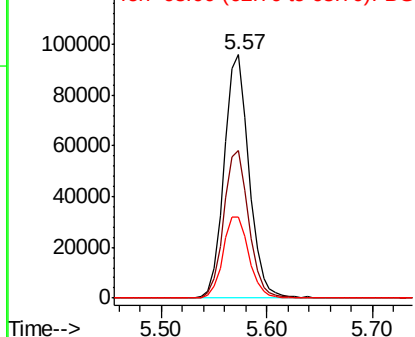
#5

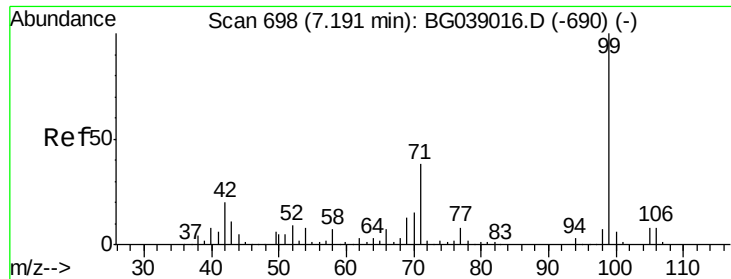
2-Fluorophenol
Concen: 150.066 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

Tgt Ion:112 Resp: 155866
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 33.2 28.0 42.0



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: 131.064 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampled :

S-7

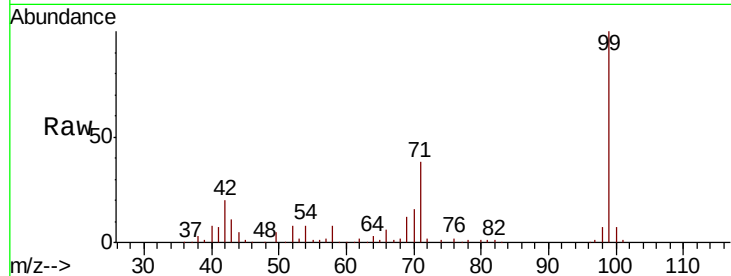
Tot Ion: 99 Resp: 195909

Ion Ratio Lower Upper

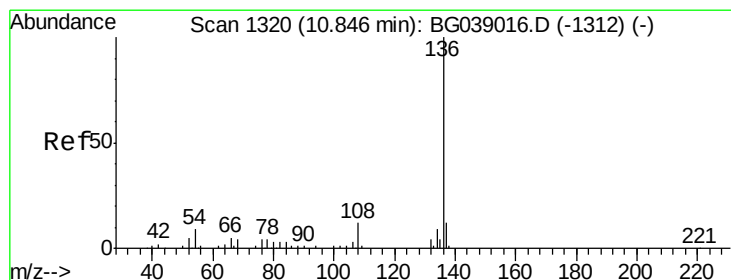
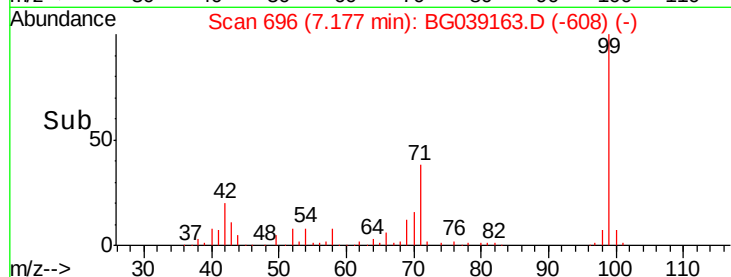
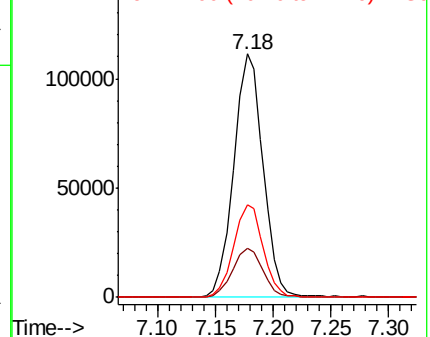
99 100

42 20.1 15.8 23.6

71 38.1 30.2 45.4



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: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Tgt Ion: 136 Resp: 79637

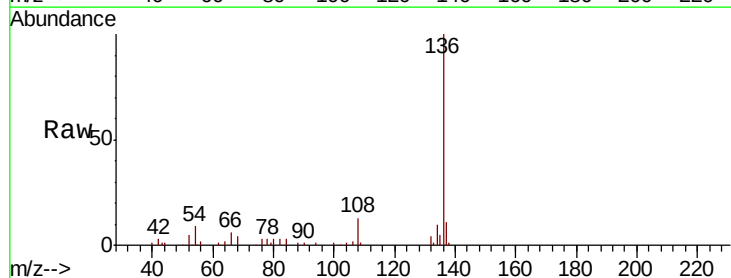
Ion Ratio Lower Upper

136 100

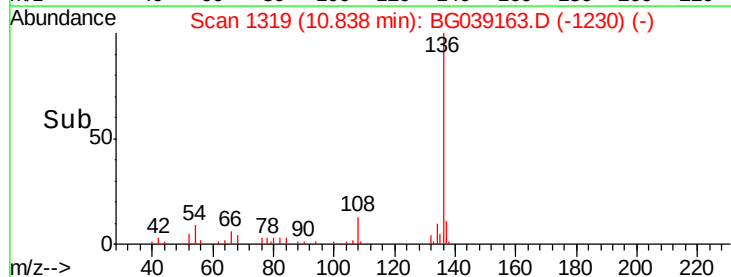
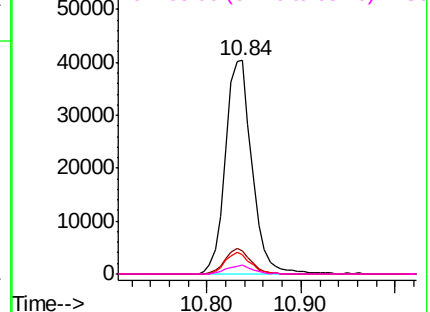
137 11.1 9.4 14.2

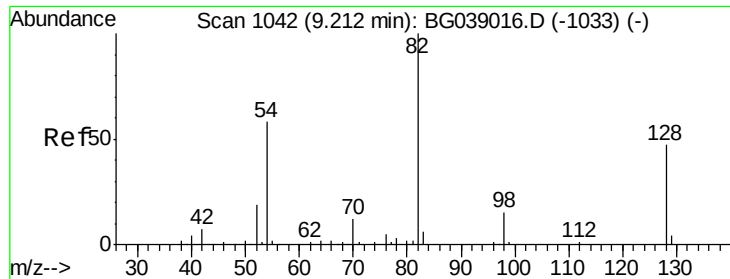
54 9.6 7.2 10.8

68 4.3 3.5 5.3



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

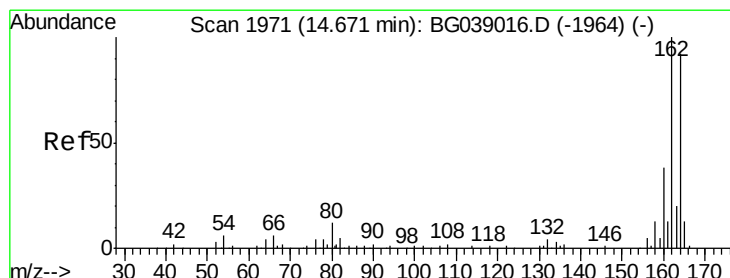
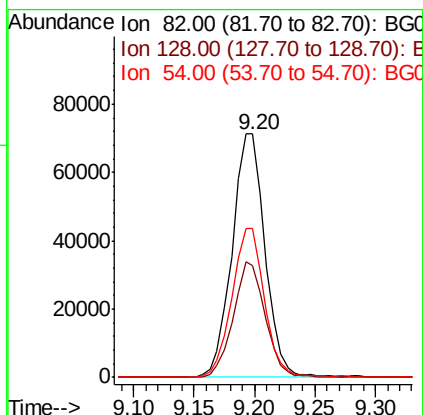
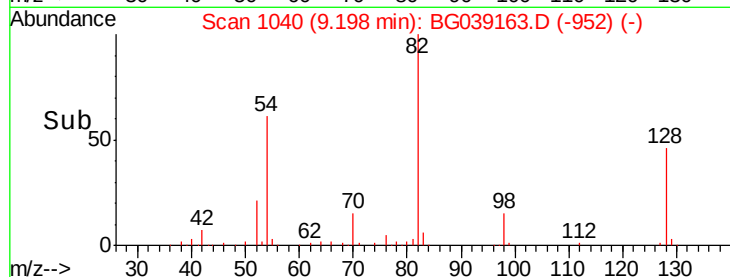
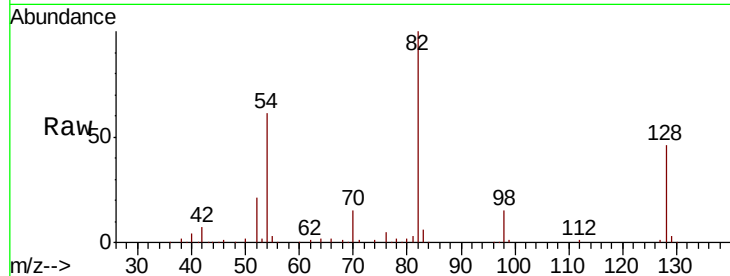




#23
Nitrobenzene-d5
Concen: 92.913 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

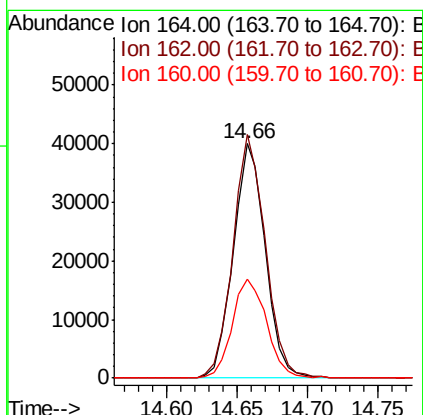
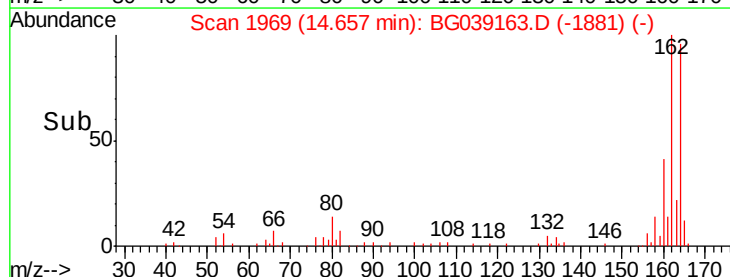
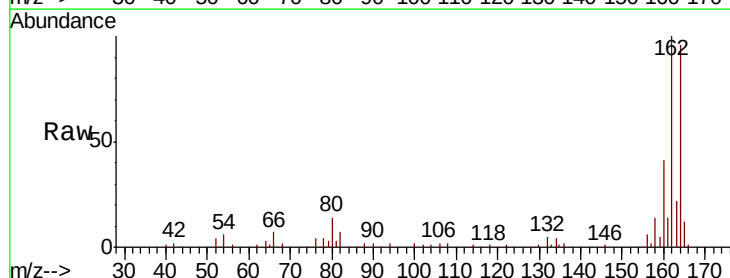
Instrument :
BNA_G
ClientSampleId :
S-7

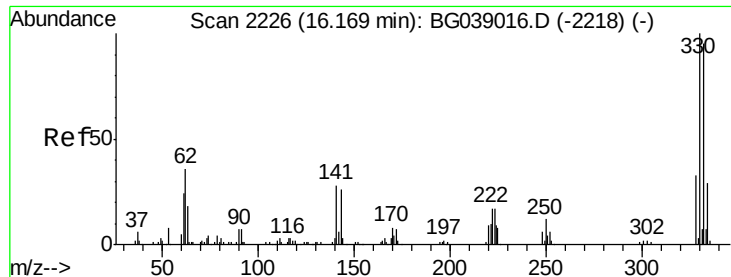
Tot Ion: 82 Resp: 135223
Ion Ratio Lower Upper
82 100
128 46.0 37.3 55.9
54 61.3 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

Tgt Ion: 164 Resp: 63156
Ion Ratio Lower Upper
164 100
162 103.8 87.2 130.8
160 42.0 33.3 49.9

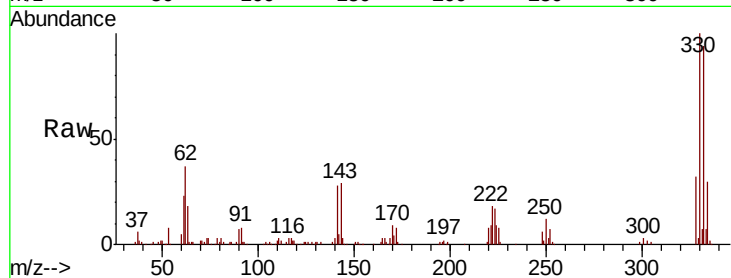




#42
 2,4,6-Tribromophenol
 Concen: 139.769 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039163.D
 Acq: 16 Jan 2019 18:57

Instrument :
 BNA_G
 ClientSampled :
 S-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.7	113.5
141	30.9	24.9	37.3

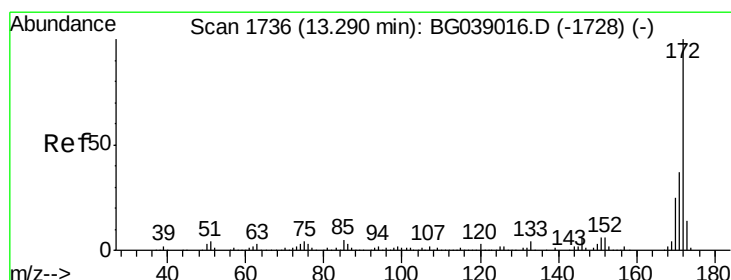
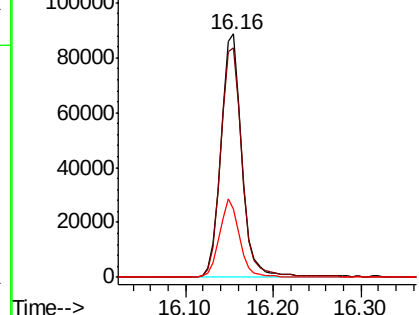
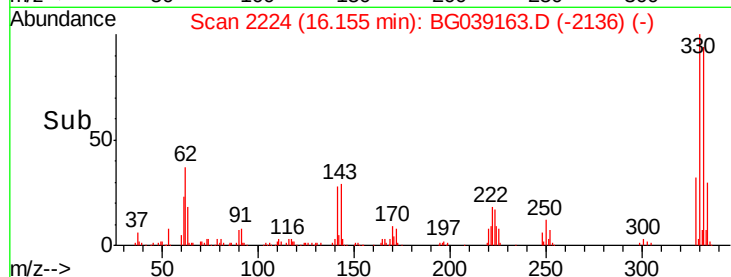


Abundance

Ion 329.80 (329.50 to 330.50): E

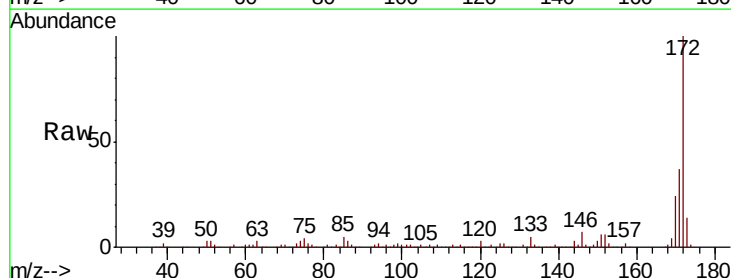
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.754 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039163.D
 Acq: 16 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.0	20.1	30.1

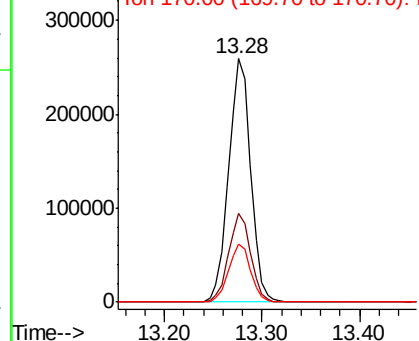
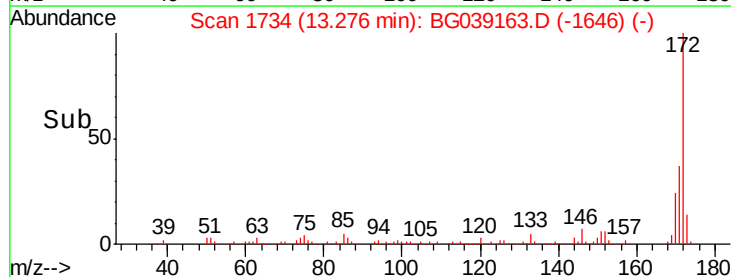


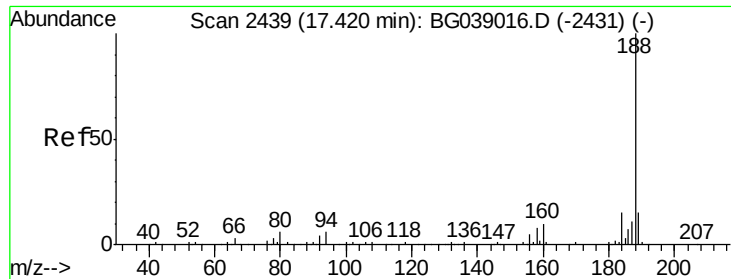
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampled :

S-7

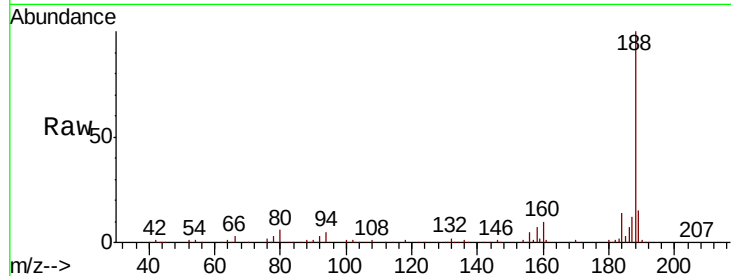
Tot Ion:188 Resp: 165796

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

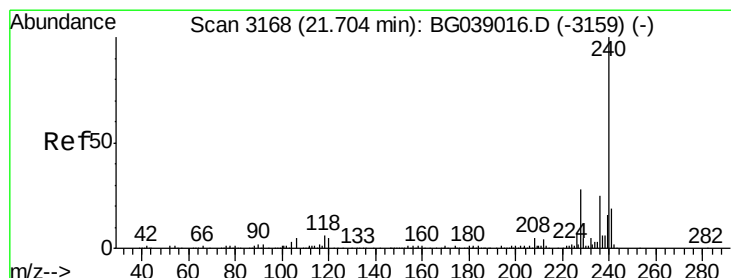
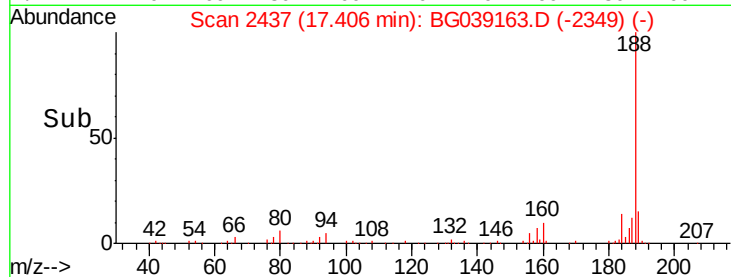
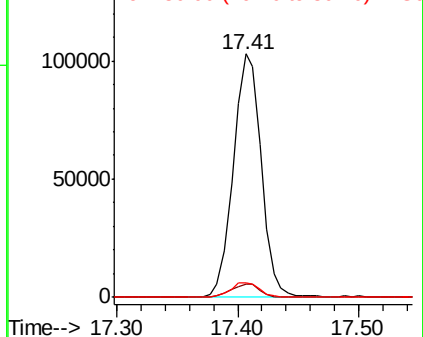
80 6.2 4.7 7.1



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: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

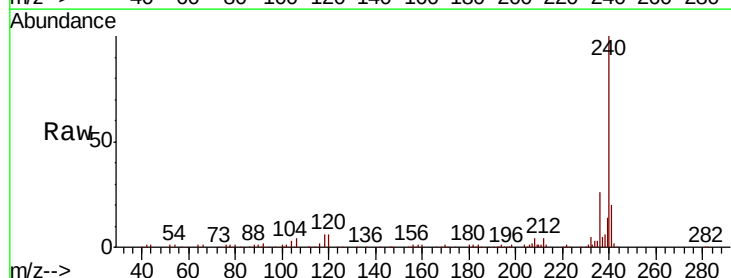
Tgt Ion:240 Resp: 176459

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

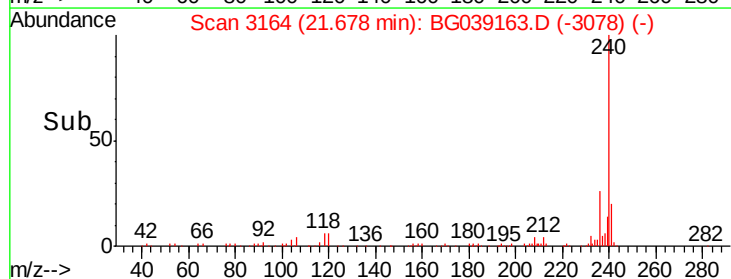
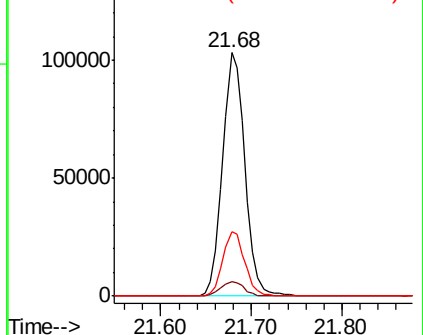
236 26.3 20.1 30.1

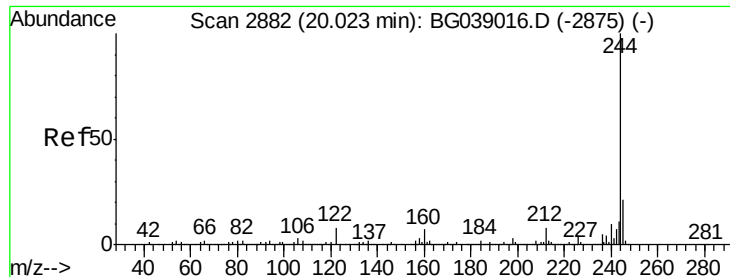


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.904 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

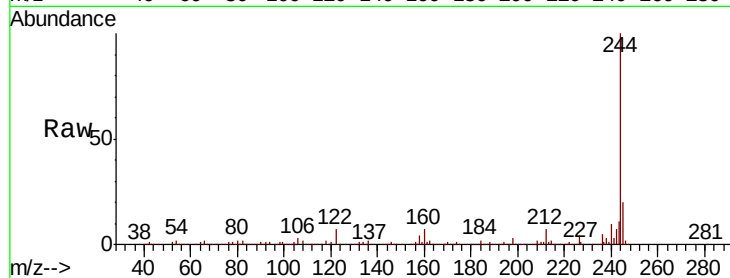
BNA_G

ClientSampleId :

S-7

Tot Ion:244 Resp: 914820

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.2	6.1	9.1

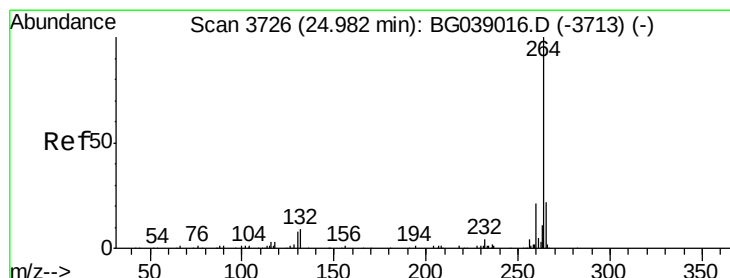
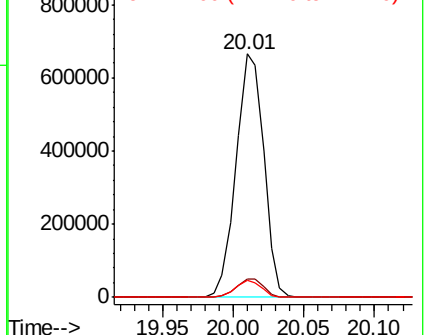
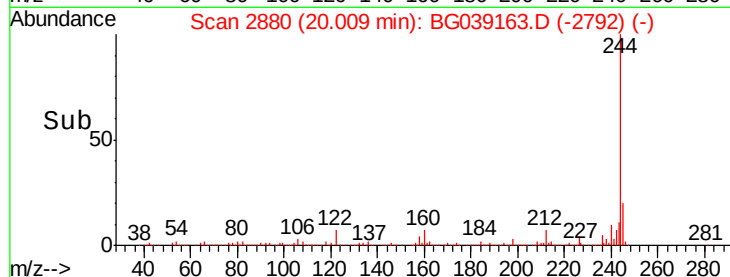


Abundance

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: 24.95 min Scan# 3721

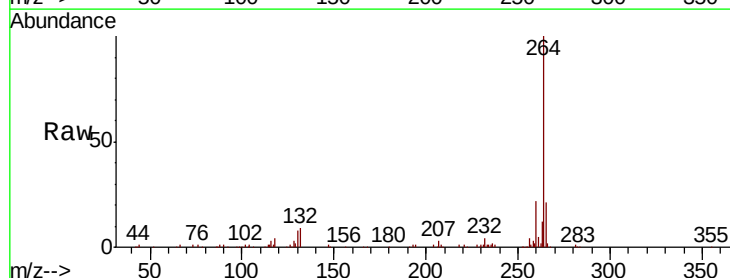
Delta R.T. -0.03 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Tgt Ion:264 Resp: 186395

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.0	25.6
265	20.8	17.2	25.8



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

