

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039238.D
 Acq On : 21 Jan 2019 18:00
 Operator : JU/SJ
 Sample : K1015-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-A

Quant Time: Jan 22 00:07:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15990	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	59555	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	45179	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	119620	20.00	ng	0.00
76) Chrysene-d12	21.67	240	128152	20.00	ng	-0.01
87) Perylene-d12	24.92	264	134970	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	97010	115.09	ng	0.00
7) Phenol-d6	7.17	99	116524	96.06	ng	0.00
23) Nitrobenzene-d5	9.18	82	92572	85.06	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	97258	128.42	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	265124	80.31	ng	0.00
79) Terphenyl-d14	20.00	244	555908	80.25	ng	0.00

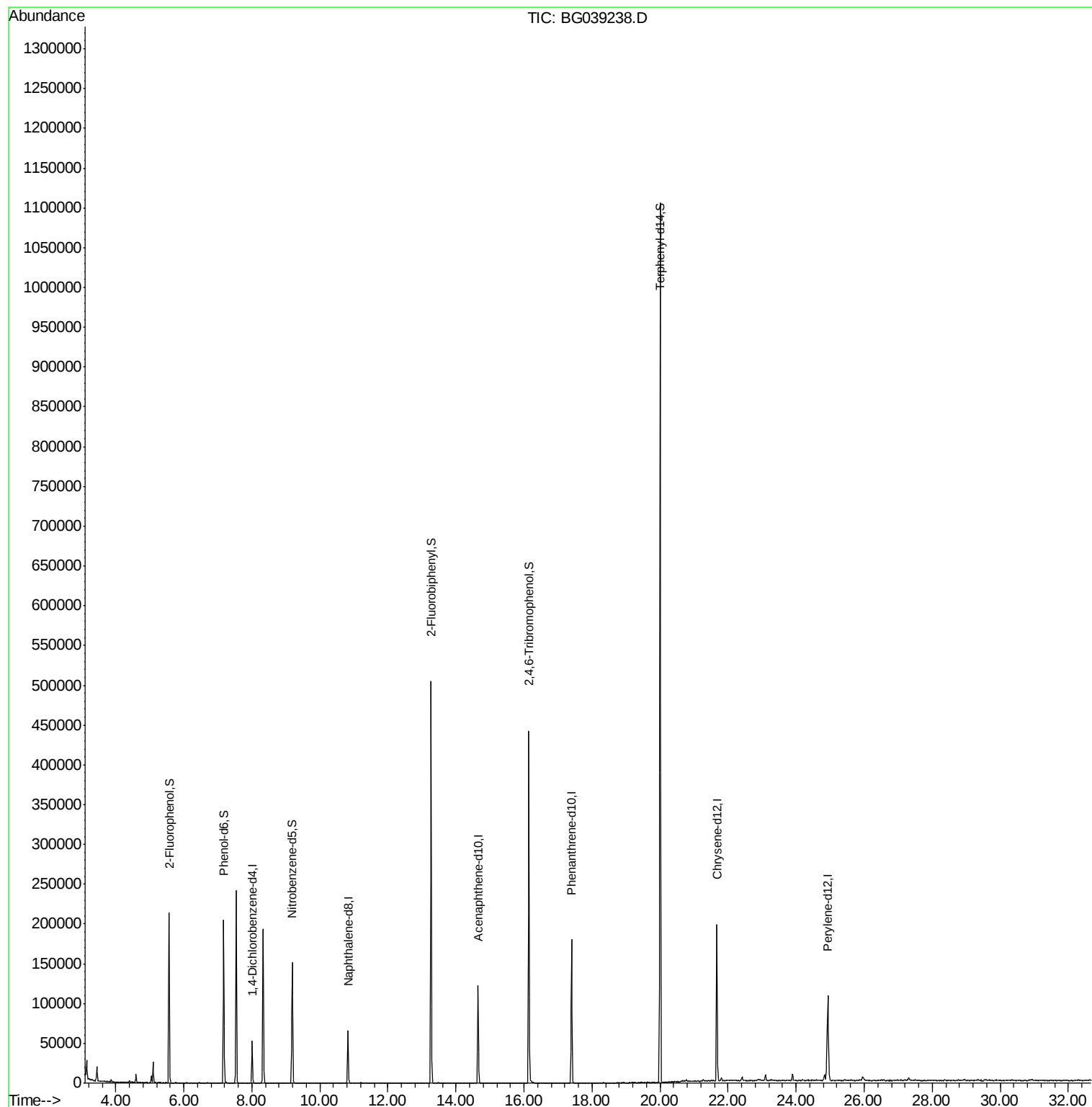
Target Compounds Qvalue

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

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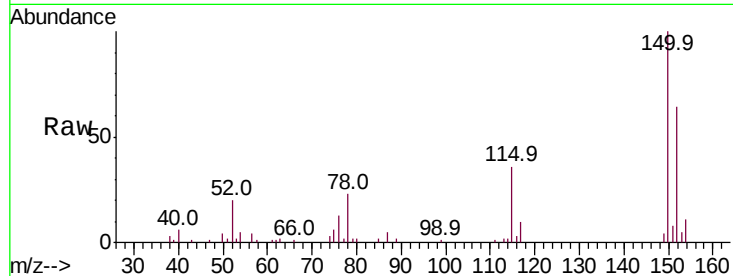


#1

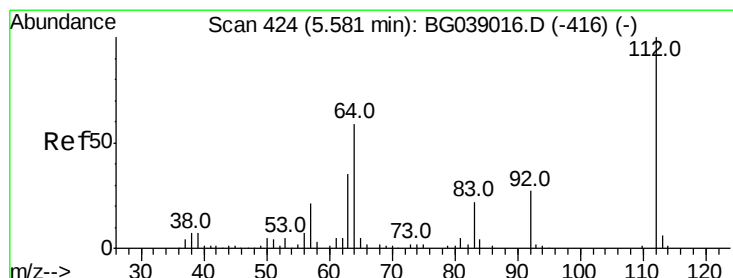
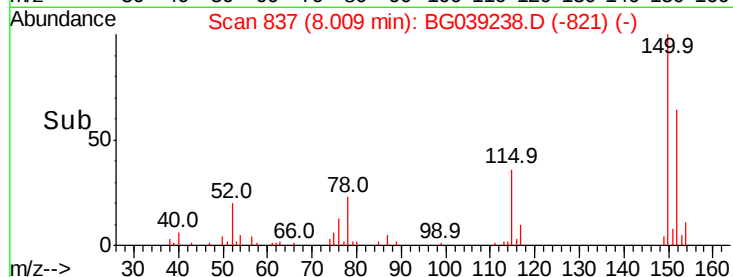
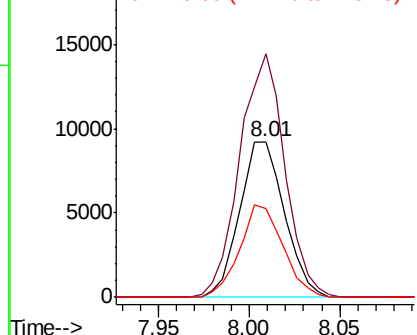
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

Tot Ion:152 Resp: 15990
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 56.8 46.5 69.7



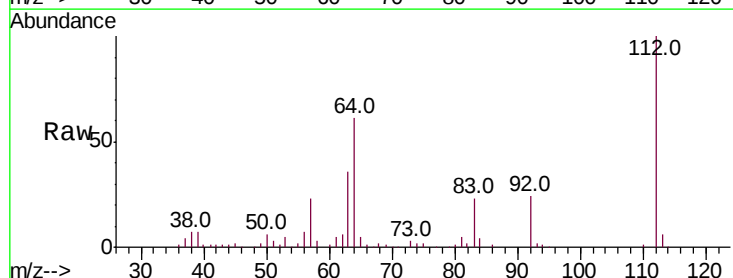
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



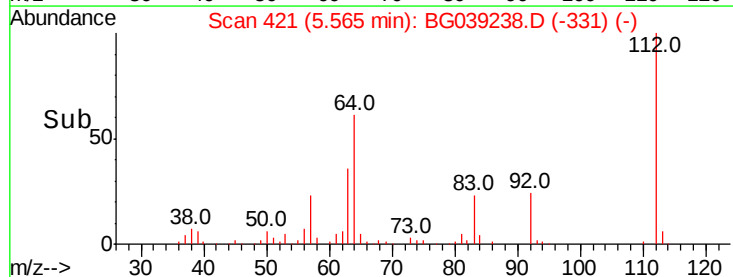
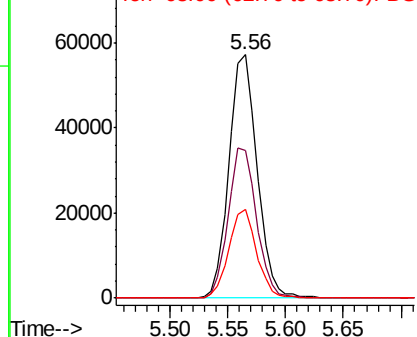
#5

2-Fluorophenol
Concen: 115.088 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:112 Resp: 97010
Ion Ratio Lower Upper
112 100
64 60.6 47.0 70.6
63 36.3 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: 96.057 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039238.D

Acq: 21 Jan 2019 18:00

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-A

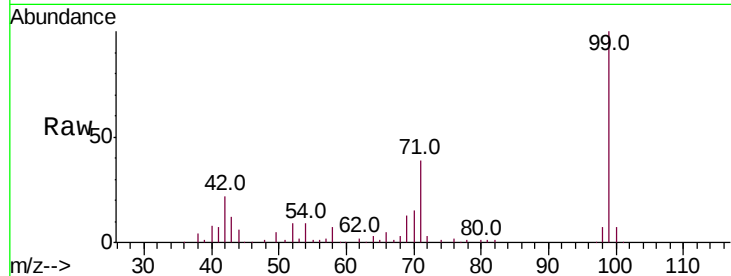
Tot Ion: 99 Resp: 116524

Ion Ratio Lower Upper

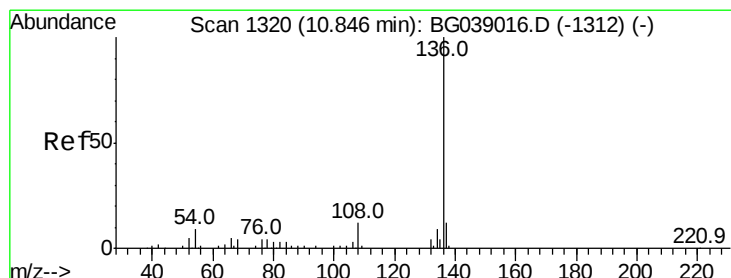
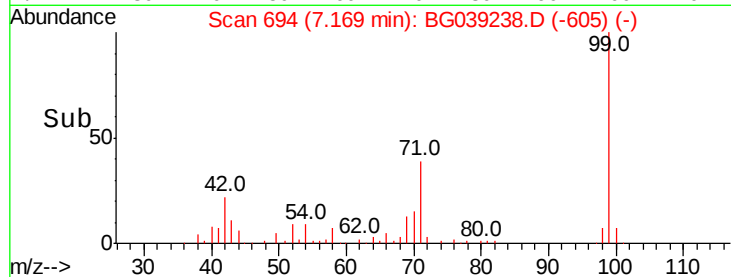
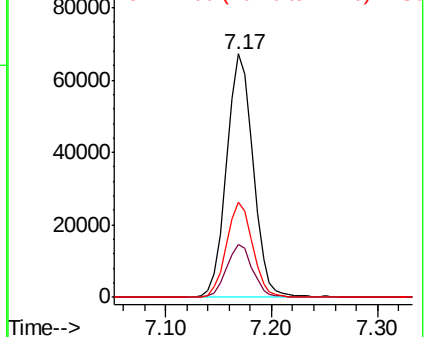
99 100

42 21.8 15.8 23.6

71 39.3 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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039238.D

Acq: 21 Jan 2019 18:00

Tgt Ion: 136 Resp: 59555

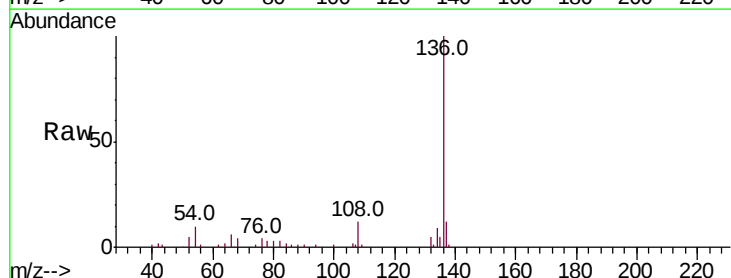
Ion Ratio Lower Upper

136 100

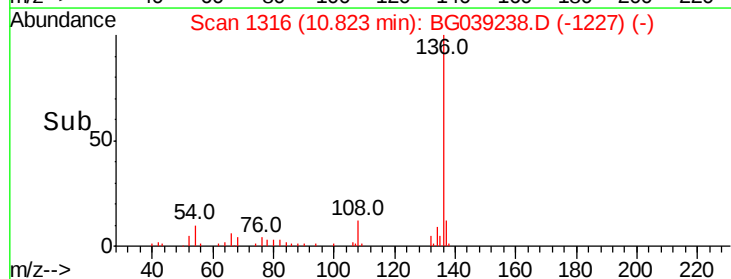
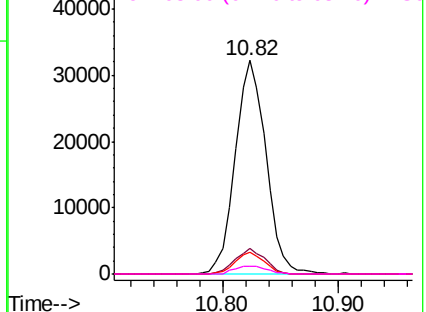
137 12.3 9.4 14.2

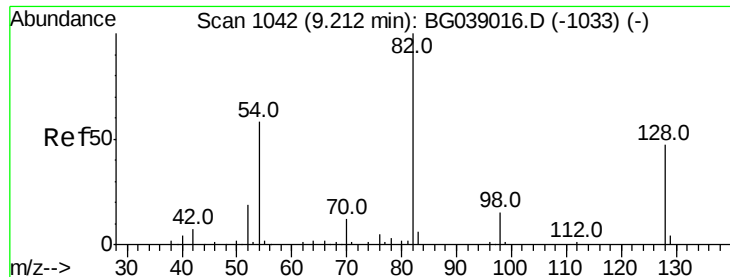
54 10.0 7.2 10.8

68 3.9 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

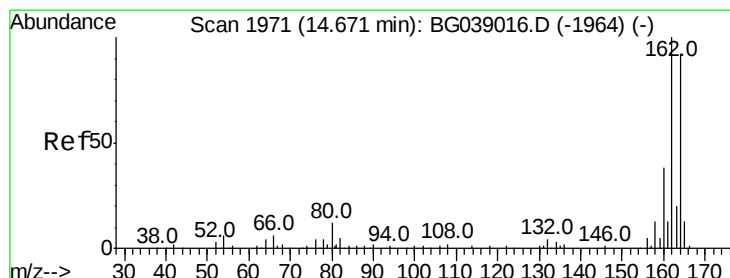
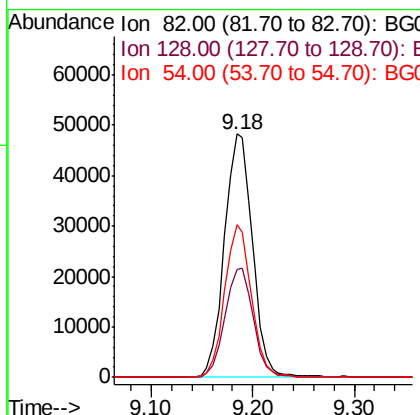
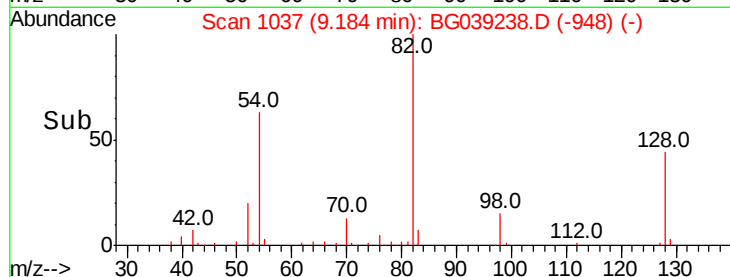
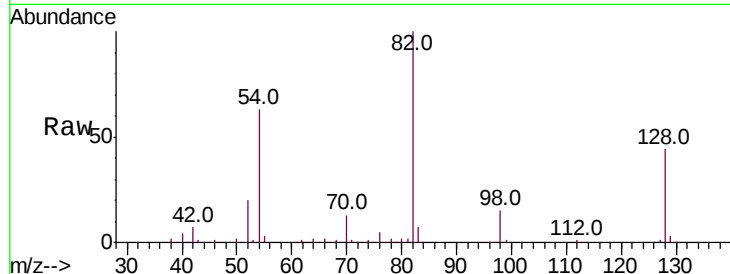




#23
Nitrobenzene-d5
Concen: 85.056 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

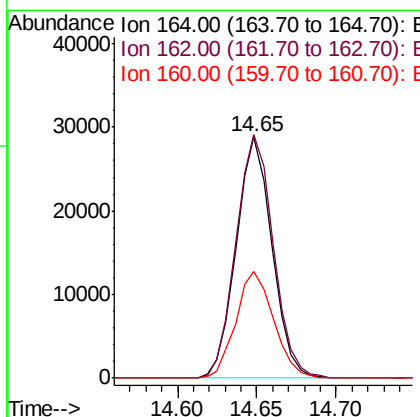
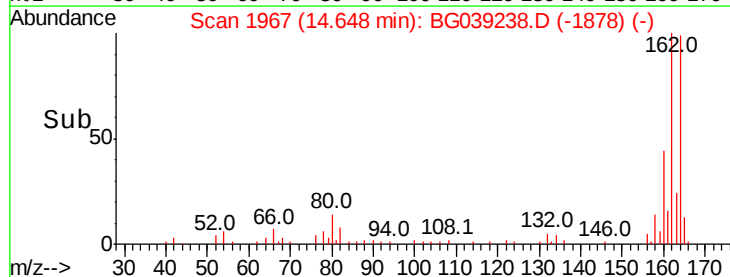
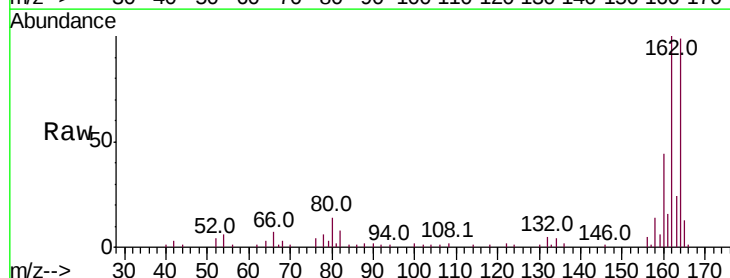
Instrument :
BNA_G
ClientSampleId :
SU-01-011719-A

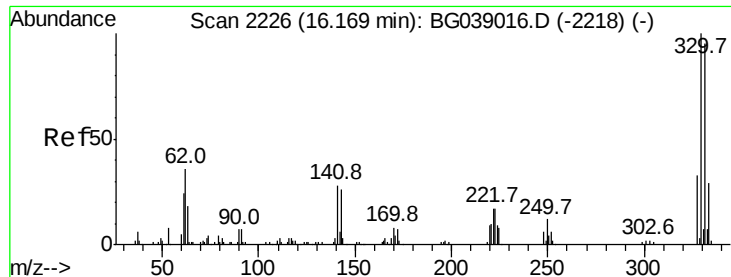
Tot Ion: 82 Resp: 92572
Ion Ratio Lower Upper
82 100
128 44.1 37.3 55.9
54 62.7 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039238.D
Acq: 21 Jan 2019 18:00

Tgt Ion:164 Resp: 45179
Ion Ratio Lower Upper
164 100
162 100.8 87.2 130.8
160 44.1 33.3 49.9

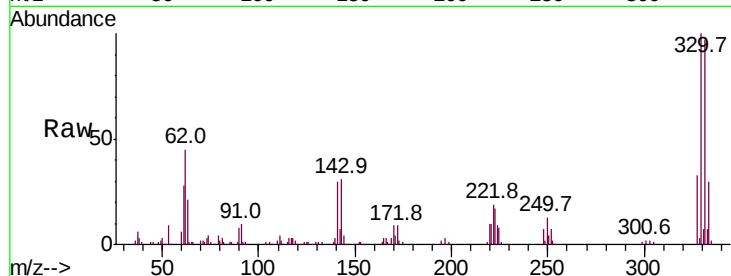




#42
 2,4,6-Tribromophenol
 Concen: 128.423 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039238.D
 Acq: 21 Jan 2019 18:00

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	30.3	24.9	37.3

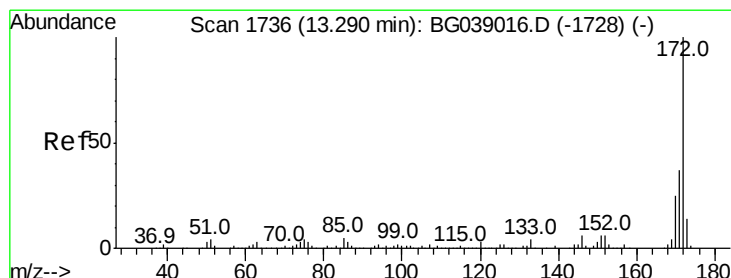
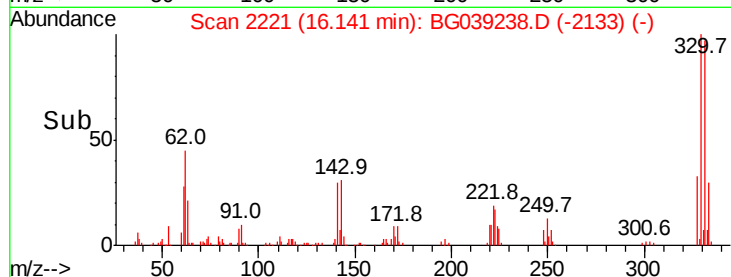
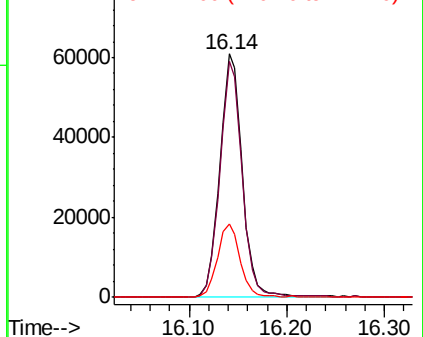


Abundance

Ion 329.80 (329.50 to 330.50): E

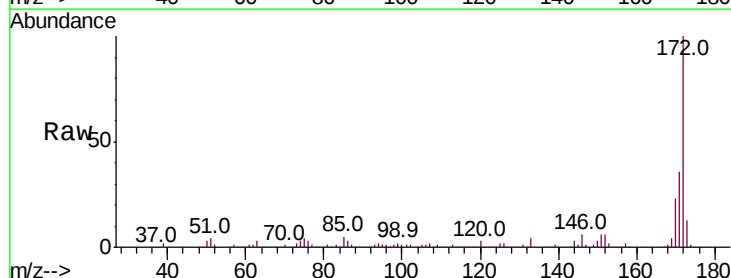
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.311 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039238.D
 Acq: 21 Jan 2019 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	23.4	20.1	30.1

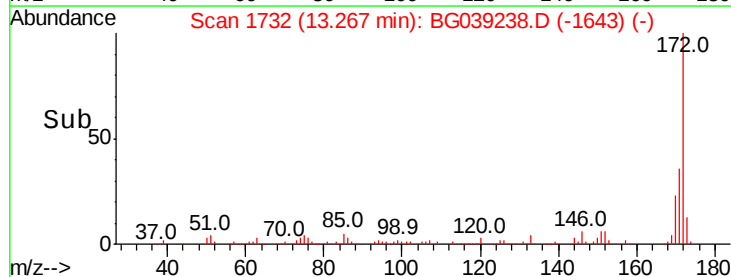
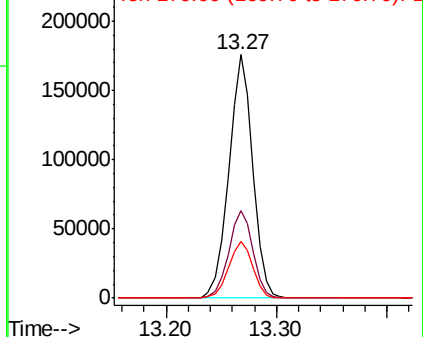


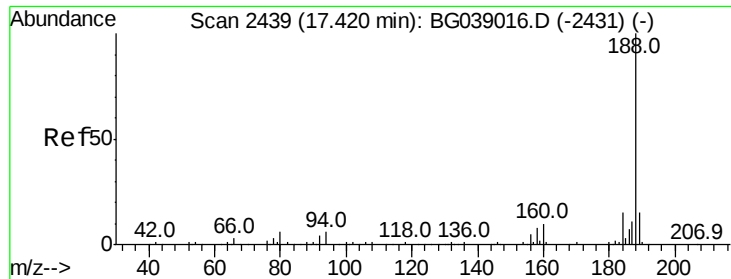
Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039238.D

Acq: 21 Jan 2019 18:00

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-A

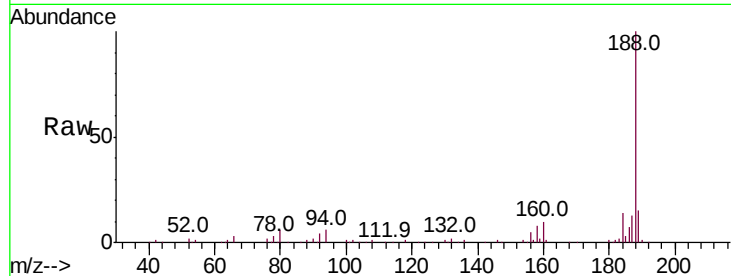
Tot Ion:188 Resp: 119620

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

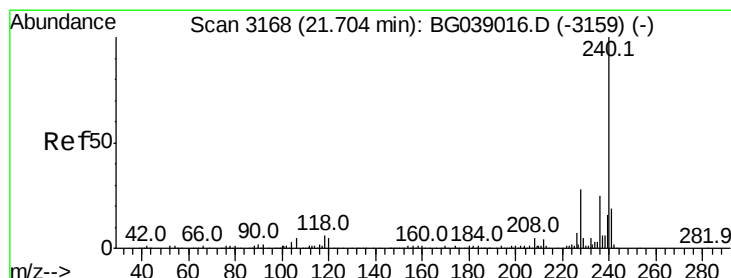
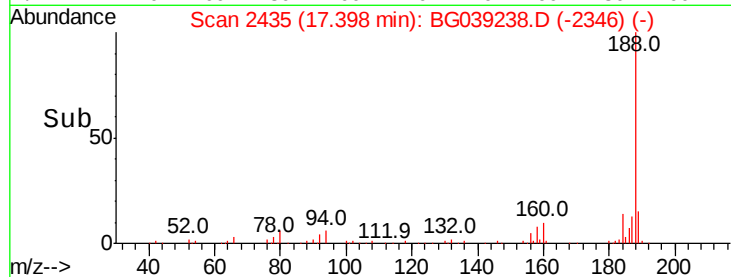
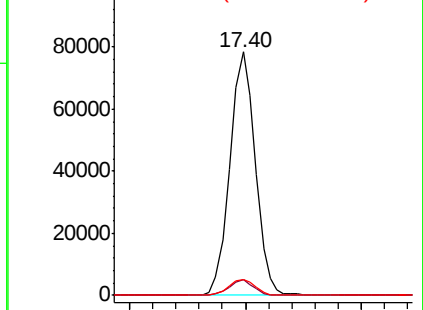
80 6.4 4.7 7.1



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: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039238.D

Acq: 21 Jan 2019 18:00

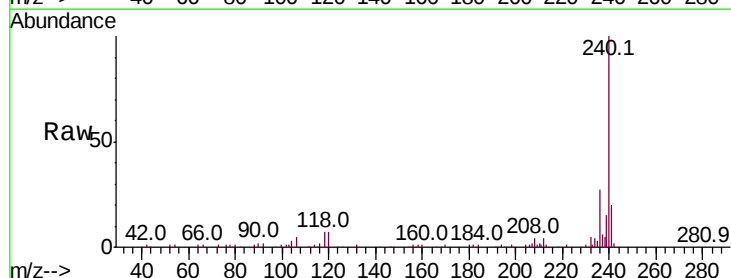
Tgt Ion:240 Resp: 128152

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

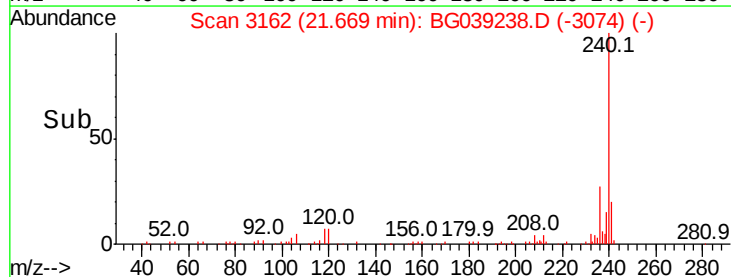
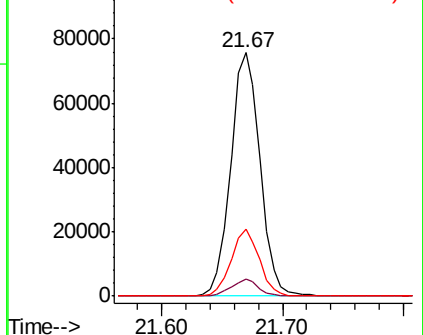
236 27.4 20.1 30.1

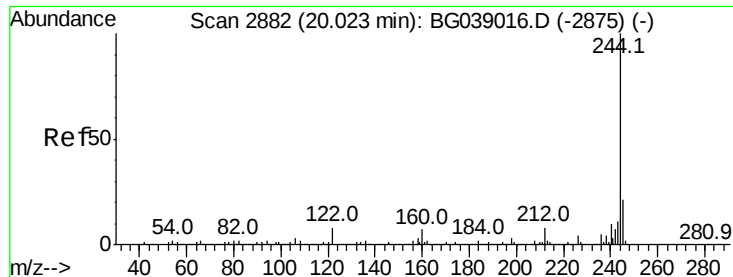


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

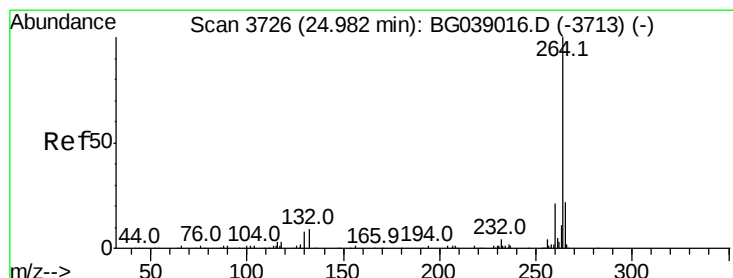
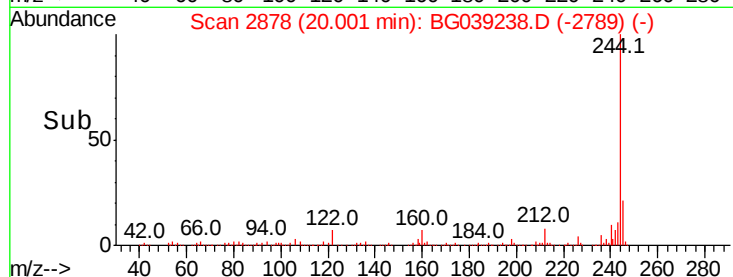
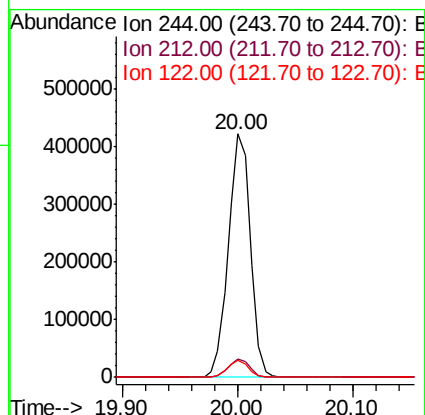
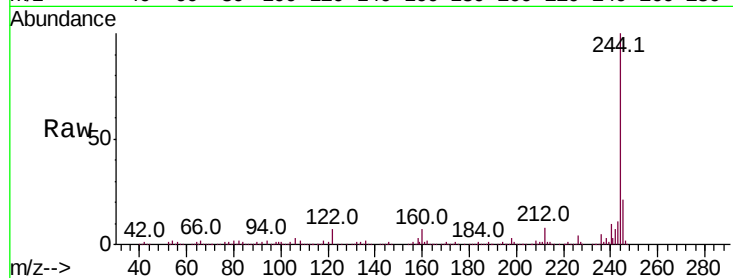




#79
 Terphenyl-d14
 Concen: 80.246 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039238.D
 Acq: 21 Jan 2019 18:00

Instrument :
 BNA_G
 ClientSampleID :
 SU-01-011719-A

Tot Ion:244 Resp: 555908
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.9 6.1 9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG039238.D
 Acq: 21 Jan 2019 18:00

Tgt Ion:264 Resp: 134970
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.0 25.6
 265 20.7 17.2 25.8

