

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039353.D
 Acq On : 1 Feb 2019 21:50
 Operator : JU/SJ
 Sample : K1290-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012919-SIDI-E-U-M

Quant Time: Feb 02 02:11:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

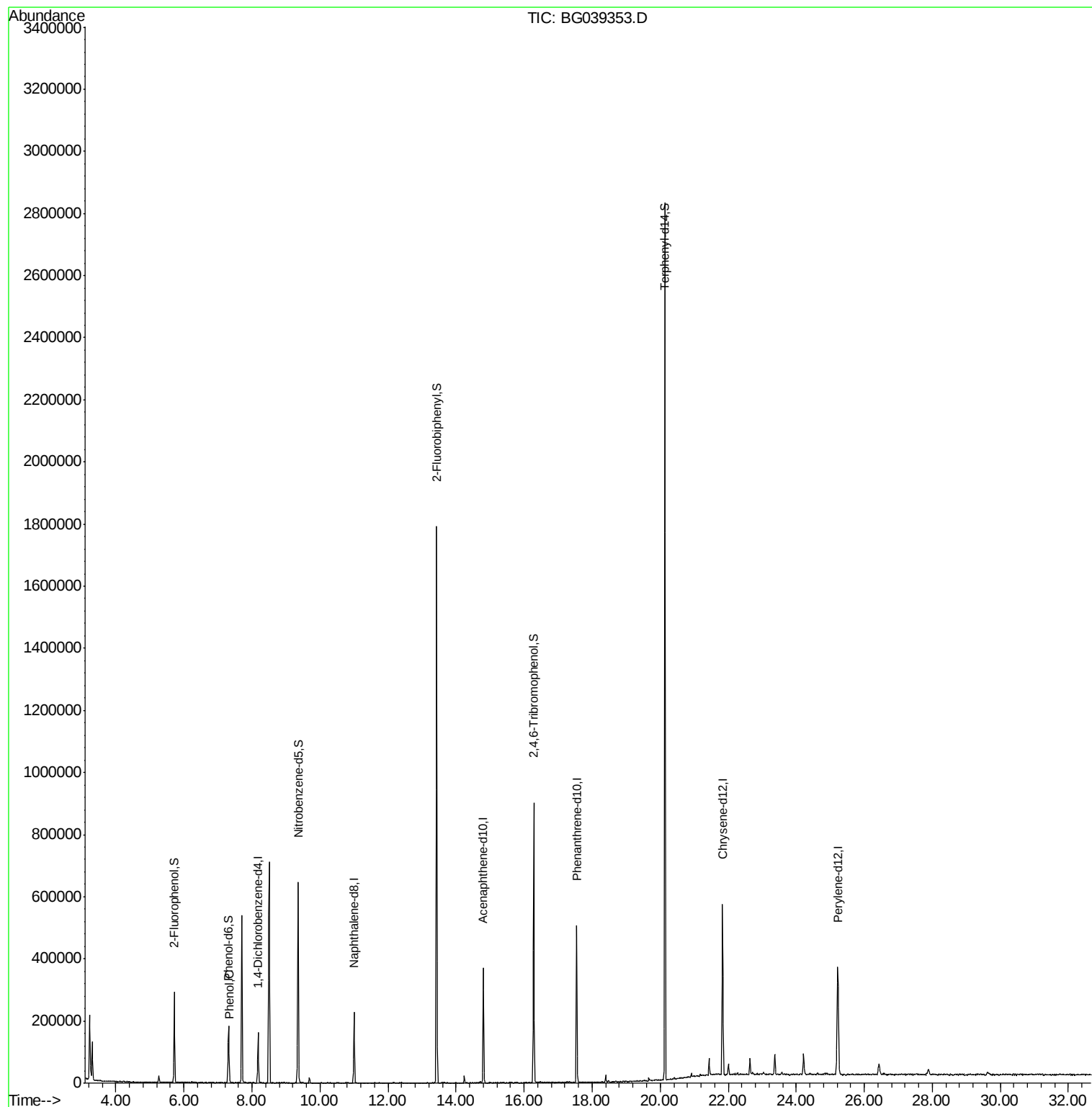
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45256	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	192275	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	127483	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	310949	20.00	ng	0.00
76) Chrysene-d12	21.83	240	330246	20.00	ng	-0.01
87) Perylene-d12	25.22	264	330325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	118720	44.90	ng	0.00
7) Phenol-d6	7.31	99	104828	26.93	ng	0.00
23) Nitrobenzene-d5	9.36	82	372495	121.03	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	151134	110.09	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	921958	103.75	ng	0.00
79) Terphenyl-d14	20.14	244	1295787	83.05	ng	0.00
Target Compounds						
10) Phenol	7.34	94	12828	3.162	ng	Qvalue 96

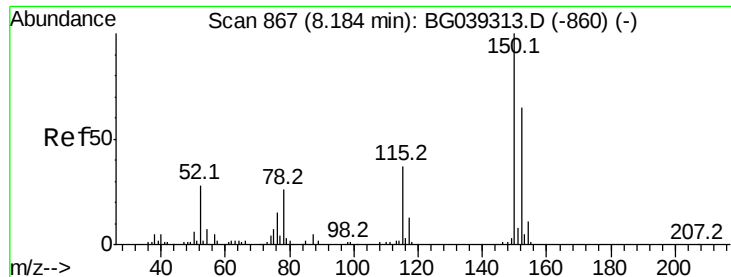
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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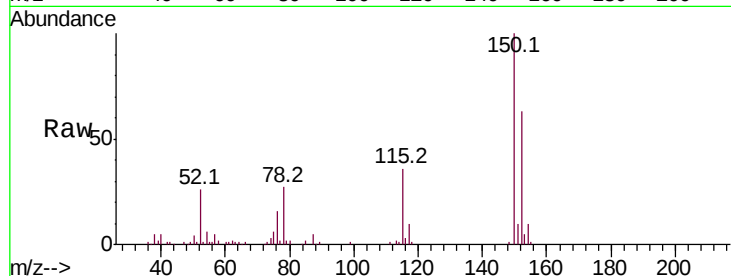


#1

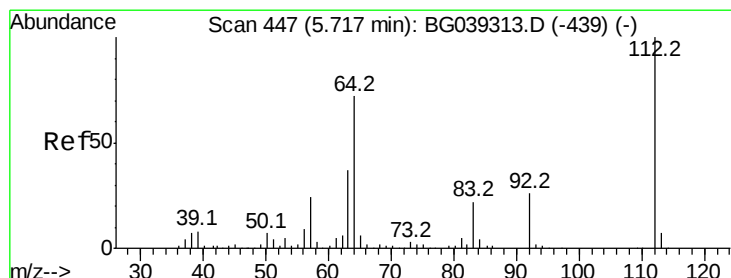
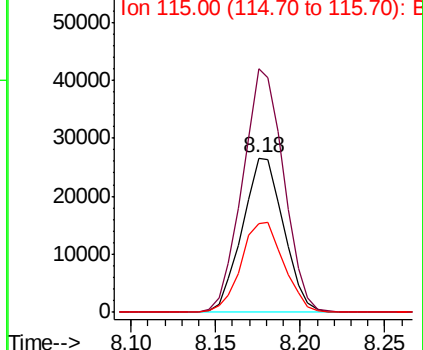
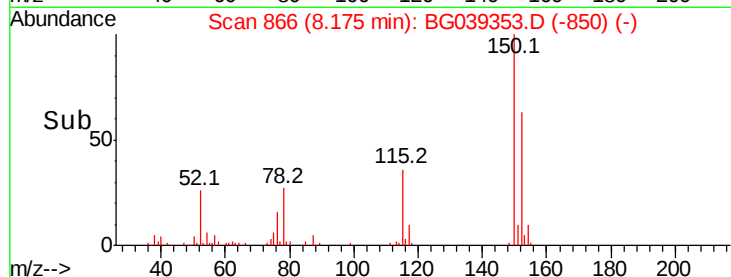
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tot Ion:152 Resp: 45256
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 57.3 45.9 68.9



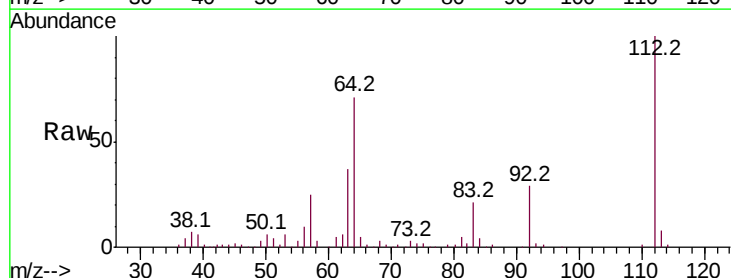
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



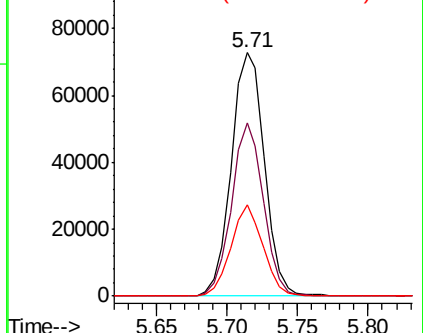
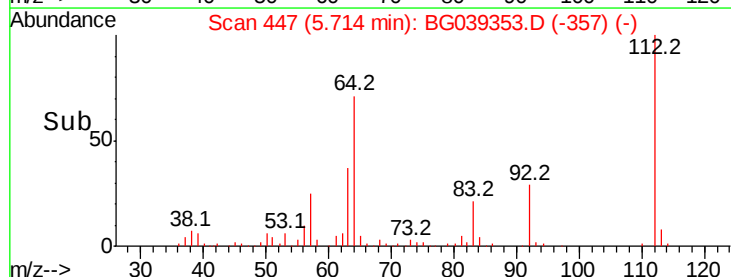
#5

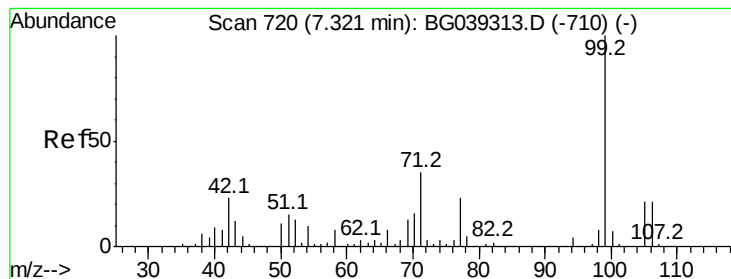
2-Fluorophenol
Concen: 44.898 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:112 Resp: 118720
Ion Ratio Lower Upper
112 100
64 71.4 57.8 86.8
63 37.4 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: 26.933 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039353.D

Acq: 1 Feb 2019 21:50

Instrument :

BNA_G

ClientSampleId :

012919-SIDI-E-U-M

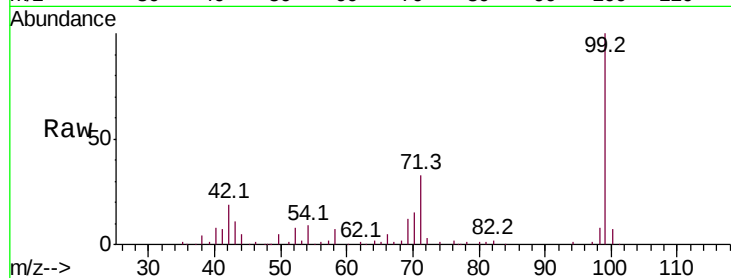
Tot Ion: 99 Resp: 104828

Ion Ratio Lower Upper

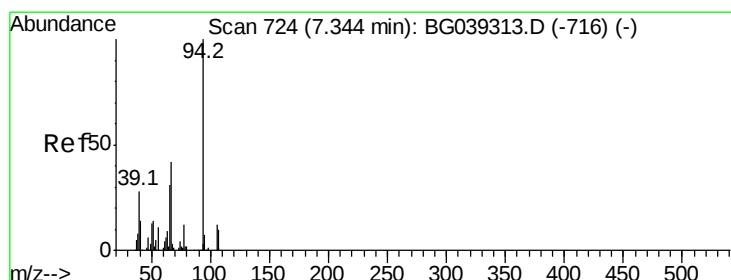
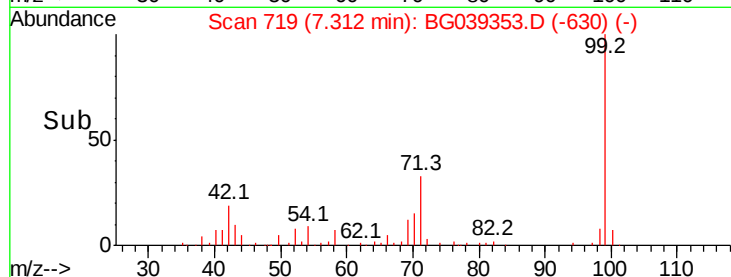
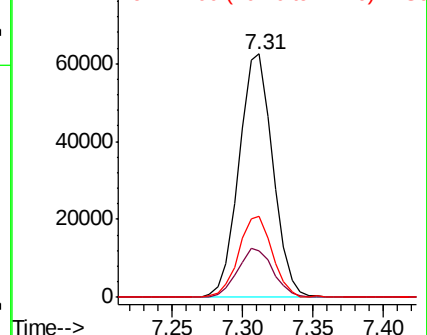
99 100

42 19.1 18.2 27.2

71 33.4 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



#10

Phenol

Concen: 3.162 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039353.D

Acq: 1 Feb 2019 21:50

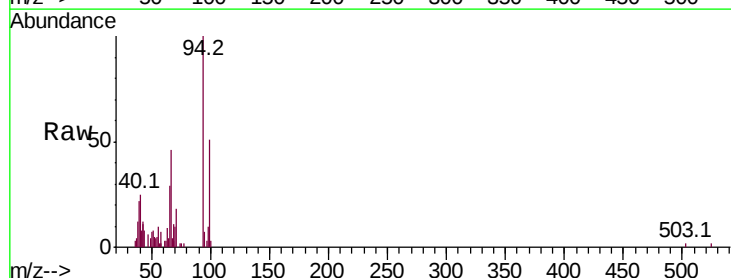
Tgt Ion: 94 Resp: 12828

Ion Ratio Lower Upper

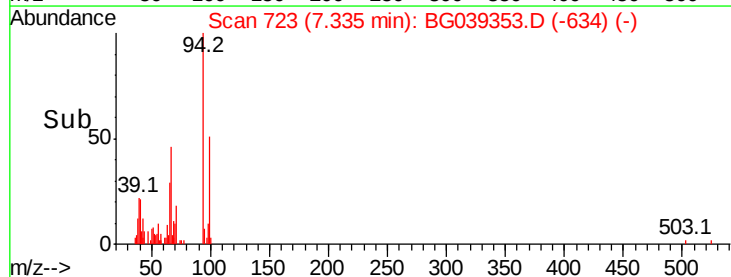
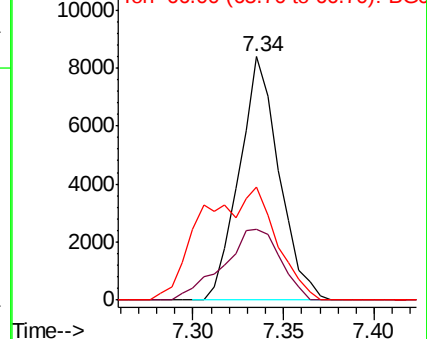
94 100

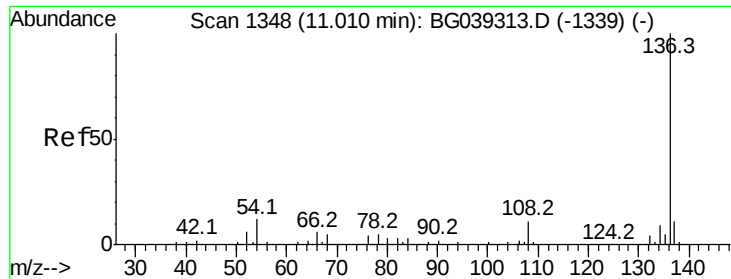
65 29.1 11.7 51.7

66 46.2 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

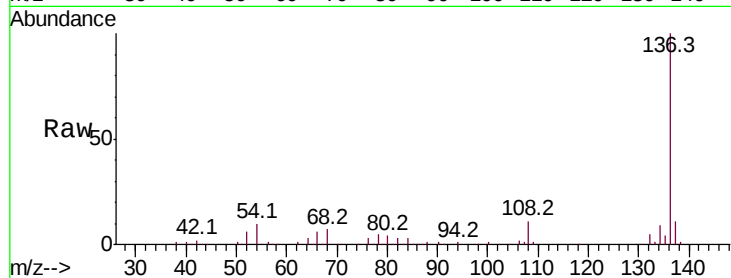




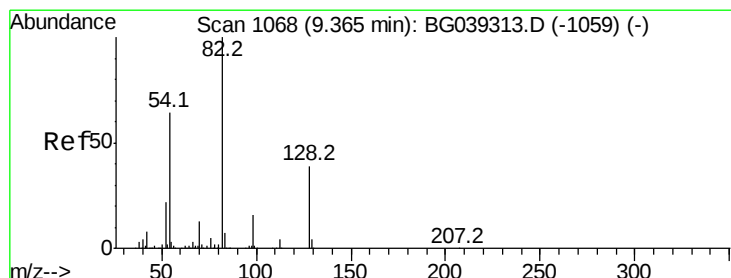
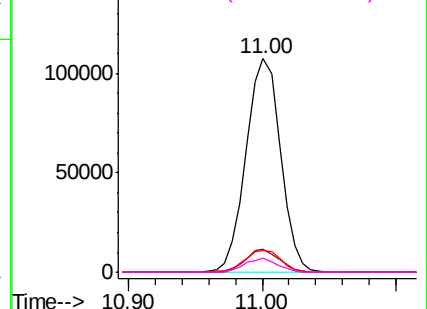
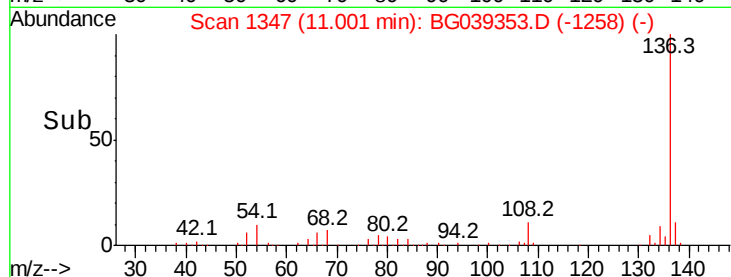
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tot Ion:136	Resp:	192275
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	10.4	9.4 14.2
68	6.7	4.2 6.4#

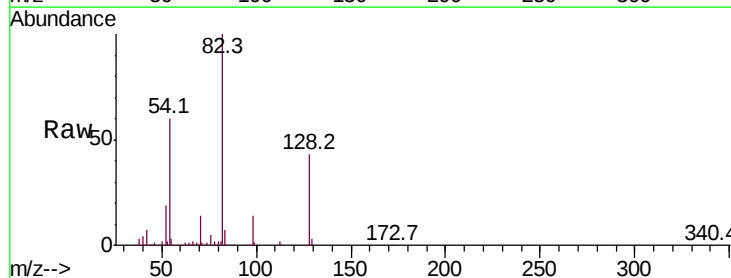


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

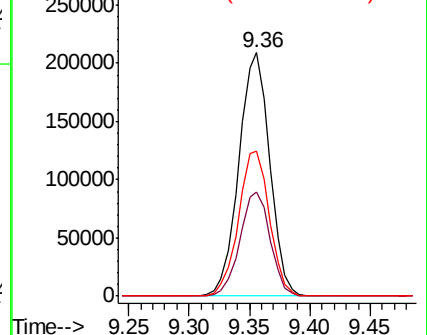
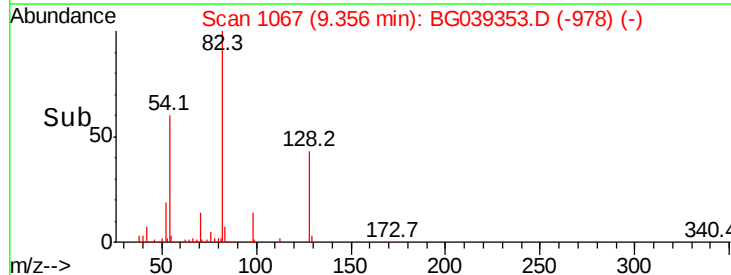


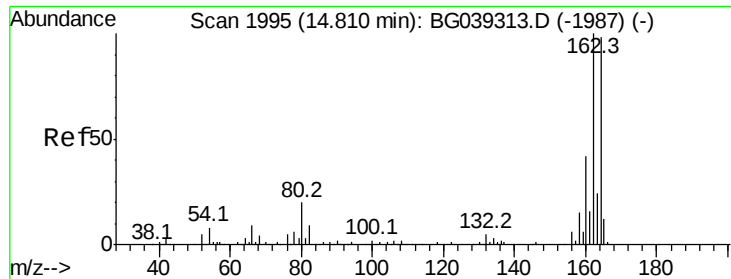
#23
Nitrobenzene-d5
Concen: 121.026 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion: 82	Resp:	372495
Ion	Ratio	Lower Upper
82	100	
128	42.6	31.3 46.9
54	59.6	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039353.D

Acq: 1 Feb 2019 21:50

Instrument :

BNA_G

ClientSampleId :

012919-SIDI-E-U-M

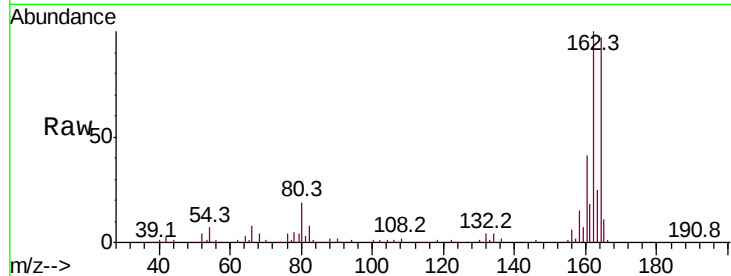
Tot Ion:164 Resp: 127483

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

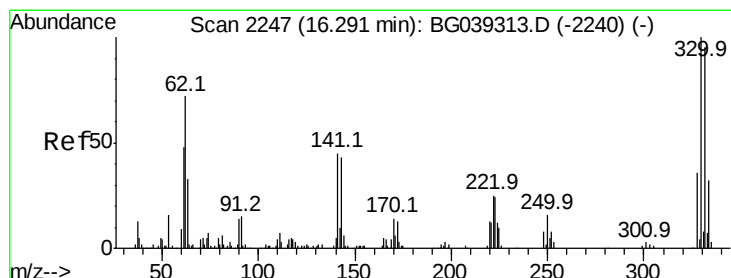
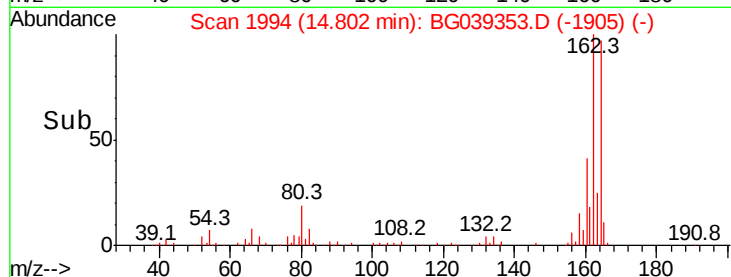
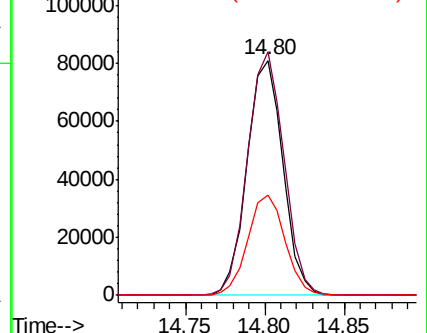
160 42.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 110.094 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039353.D

Acq: 1 Feb 2019 21:50

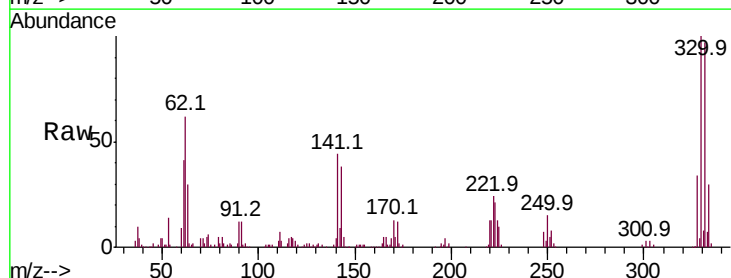
Tgt Ion:330 Resp: 151134

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

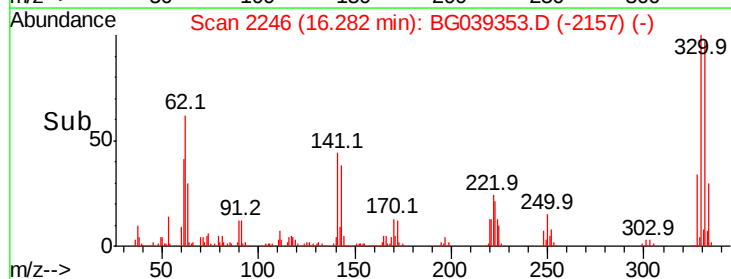
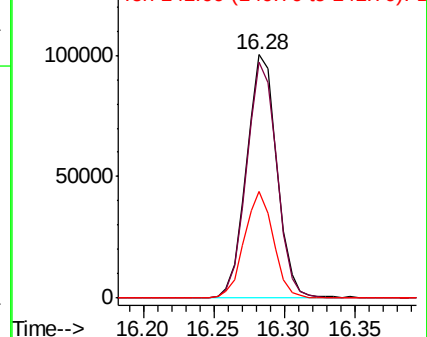
141 41.9 35.6 53.4

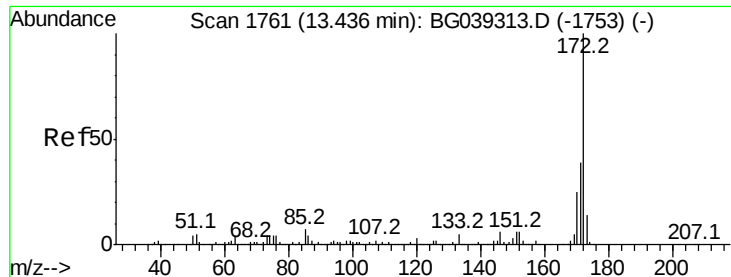


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

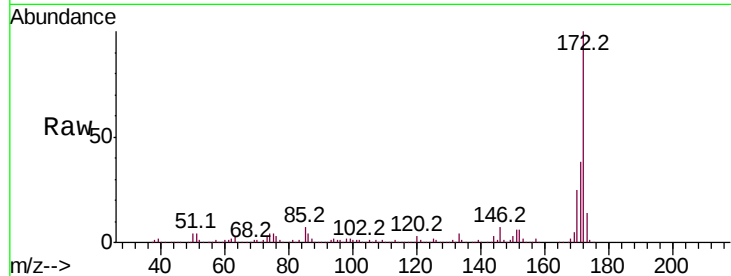




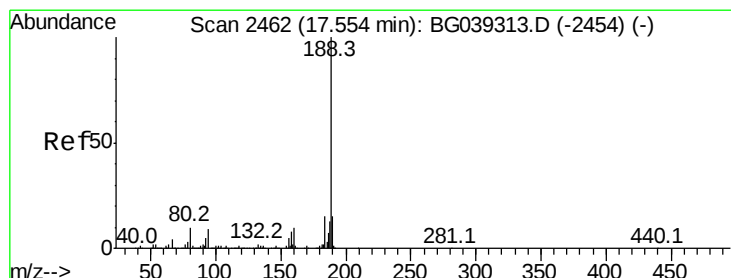
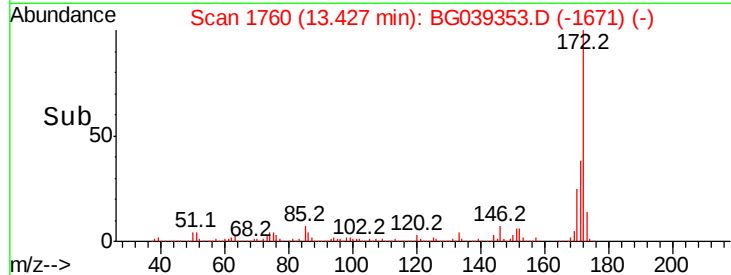
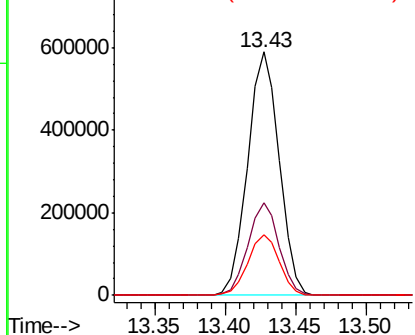
#45
2-Fluorobiphenyl
Concen: 103.747 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tot Ion:172 Resp: 921958
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 24.6 20.2 30.4

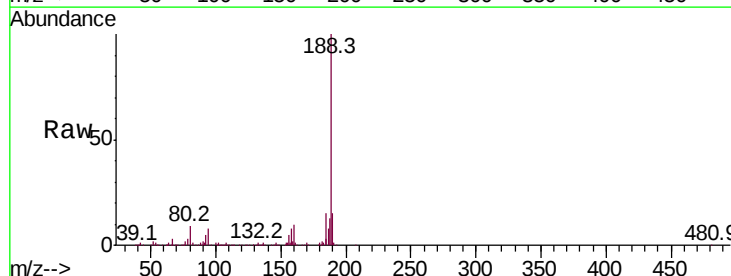


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

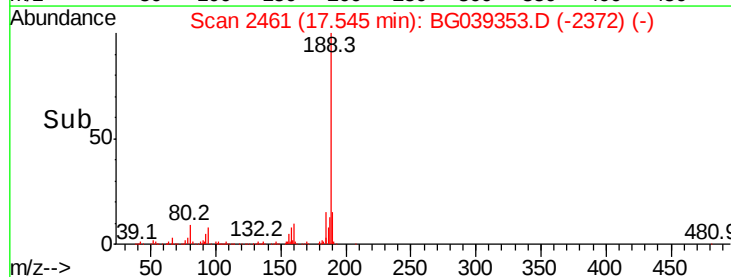
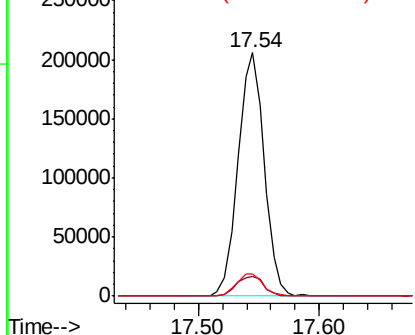


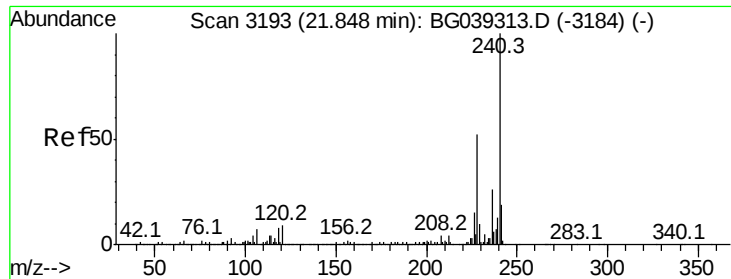
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Tgt Ion:188 Resp: 310949
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.0 8.1 12.1



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

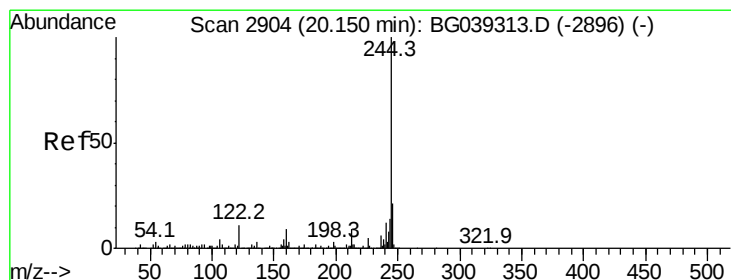
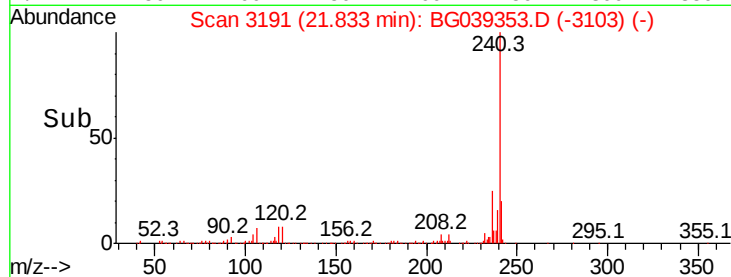
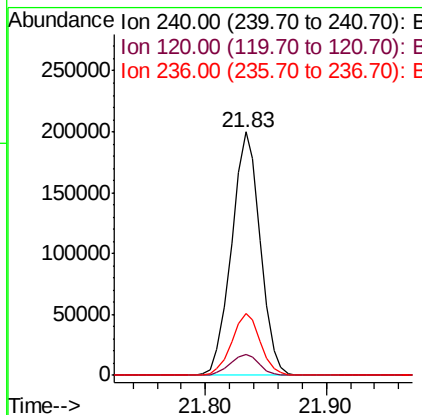
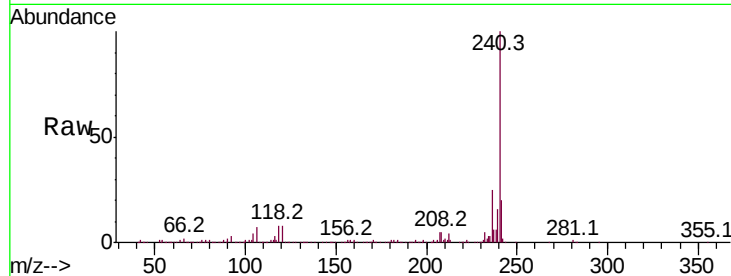




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039353.D
 Acq: 1 Feb 2019 21:50

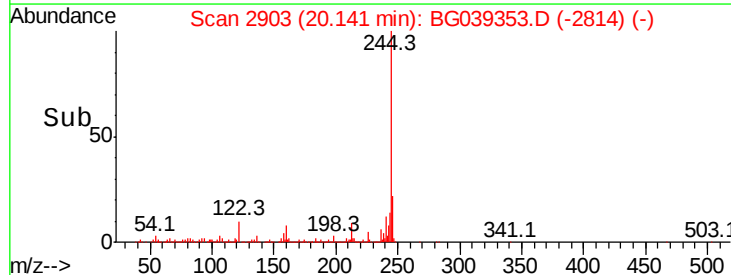
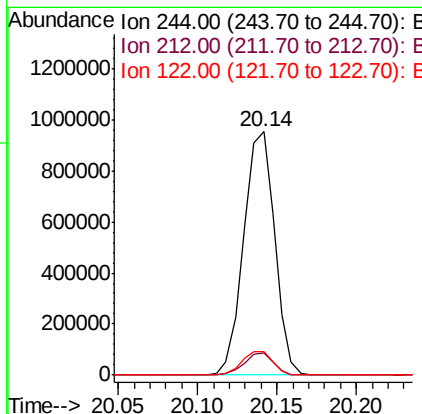
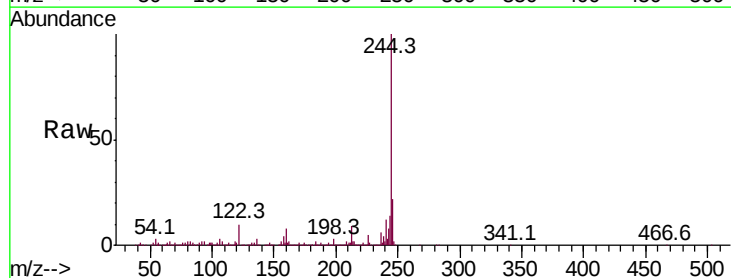
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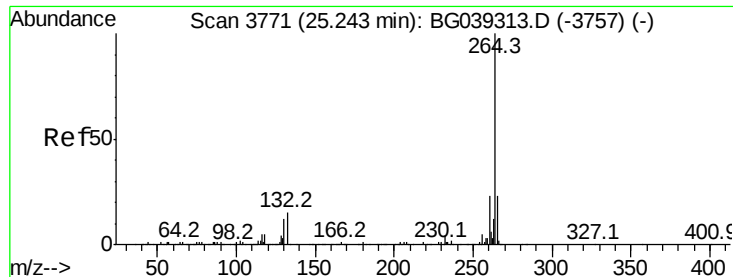
Tot Ion:240 Resp: 330246
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.0 10.6
 236 25.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 83.053 ng
 RT: 20.14 min Scan# 2903
 Delta R.T. -0.01 min
 Lab File: BG039353.D
 Acq: 1 Feb 2019 21:50

Tgt Ion:244 Resp: 1295787
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 9.8 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039353.D
Acq: 1 Feb 2019 21:50

Instrument :
BNA_G
ClientSampleId :
012919-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	18.5	27.7

