

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039378.D
 Acq On : 6 Feb 2019 19:54
 Operator : JU/SJ
 Sample : K1338-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-A

Quant Time: Feb 07 01:33:06 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	53706	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	225989	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	148992	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	355861	20.00	ng	0.00
76) Chrysene-d12	21.83	240	389765	20.00	ng	-0.01
87) Perylene-d12	25.22	264	386530	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	413603	131.81	ng	0.00
7) Phenol-d6	7.31	99	524913	113.64	ng	0.00
23) Nitrobenzene-d5	9.36	82	380229	105.11	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	235563	146.82	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	930118	89.56	ng	0.00
79) Terphenyl-d14	20.14	244	1487562	80.78	ng	-0.01

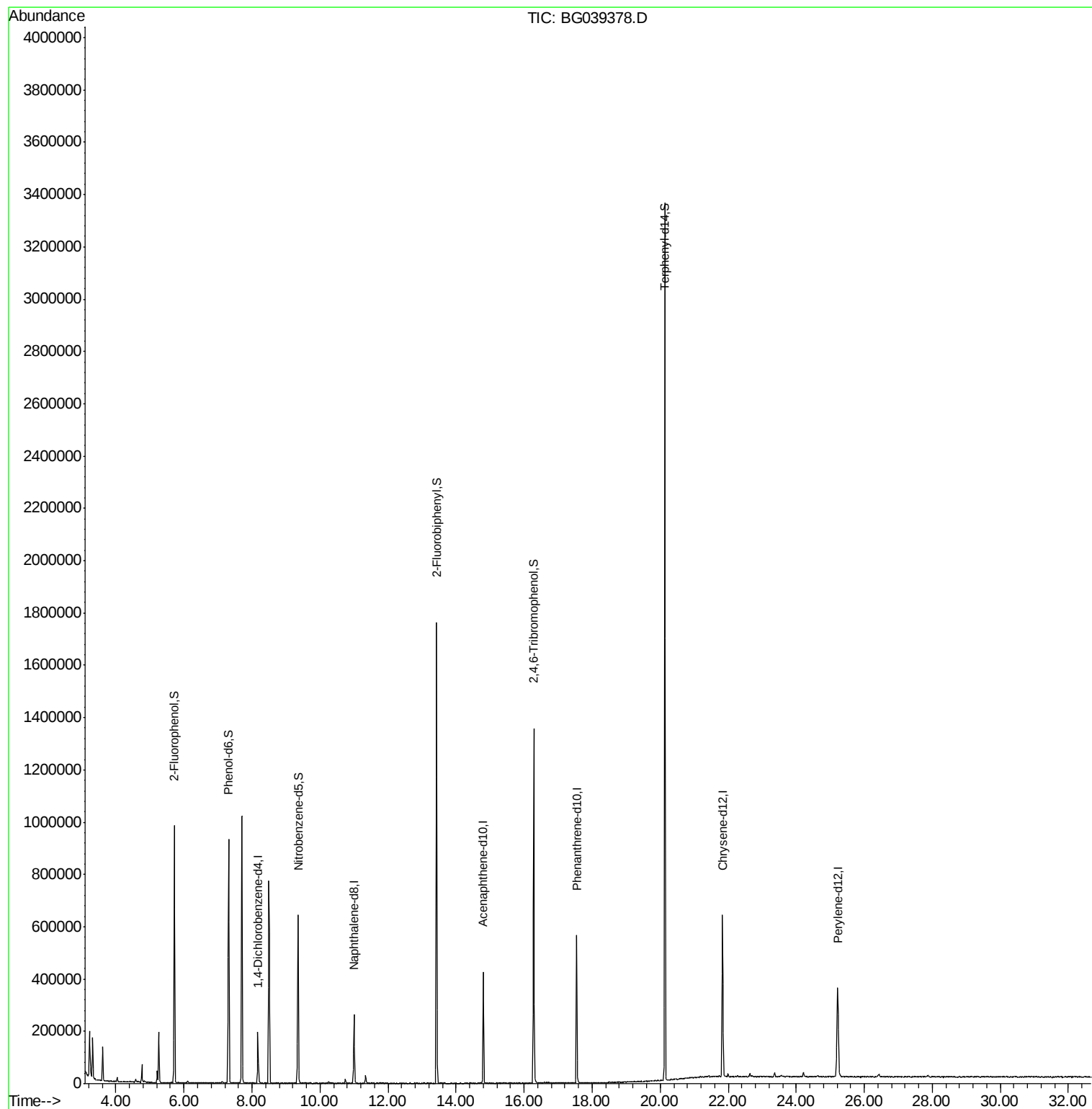
Target Compounds Qvalue

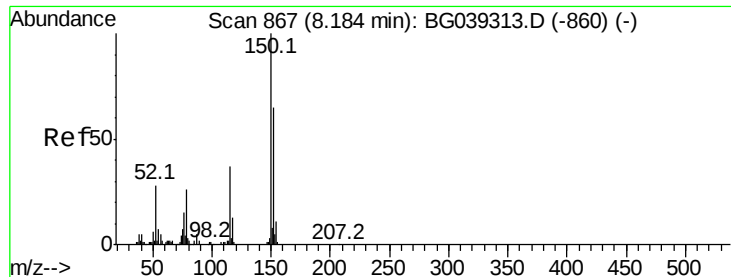
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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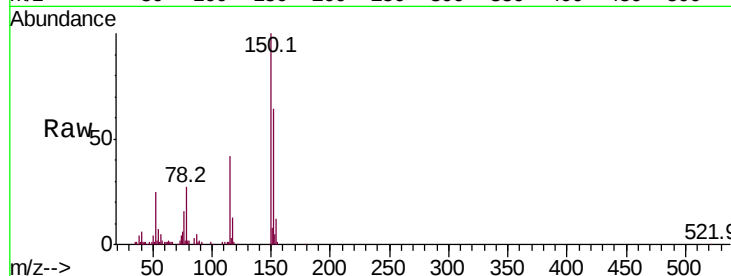


#1

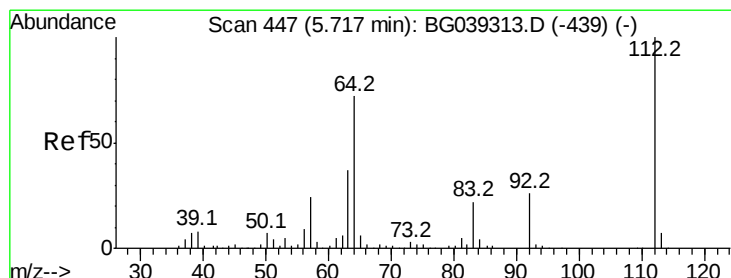
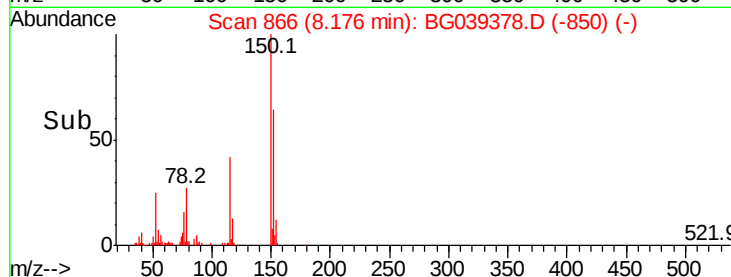
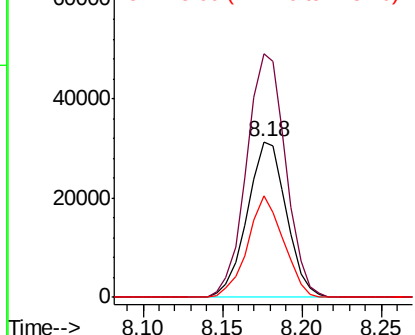
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039378.D
Acq: 6 Feb 2019 19:54

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-A

Tot Ion:152 Resp: 53706
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 65.5 45.9 68.9



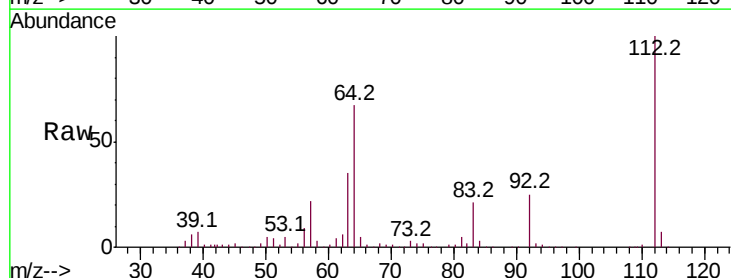
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



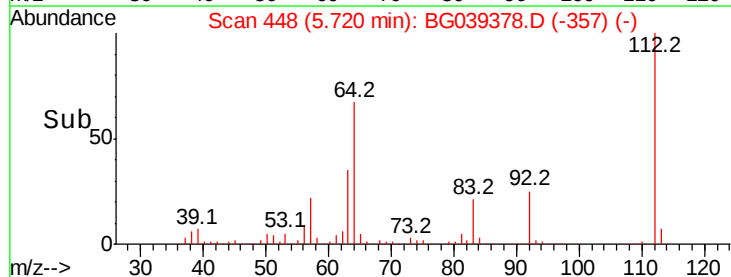
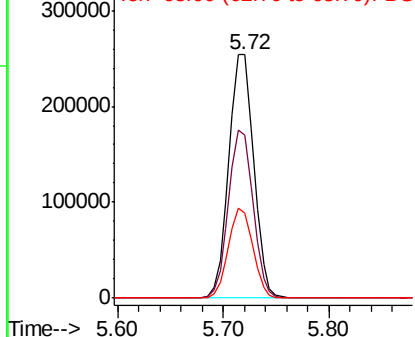
#5

2-Fluorophenol
Concen: 131.807 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039378.D
Acq: 6 Feb 2019 19:54

Tgt Ion:112 Resp: 413603
Ion Ratio Lower Upper
112 100
64 66.8 57.8 86.8
63 35.1 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: 113.643 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039378.D

Acq: 6 Feb 2019 19:54

Instrument :

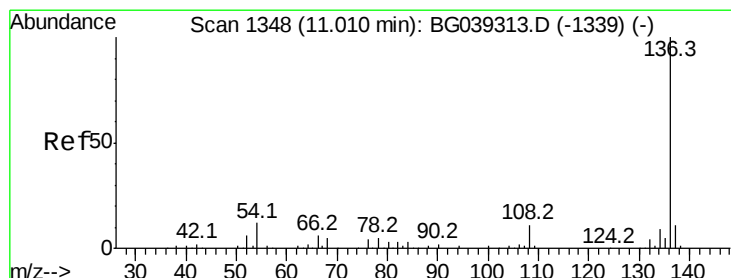
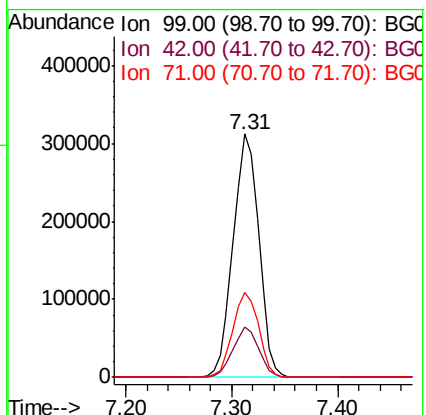
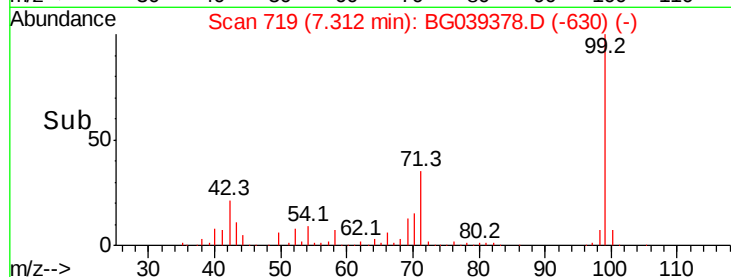
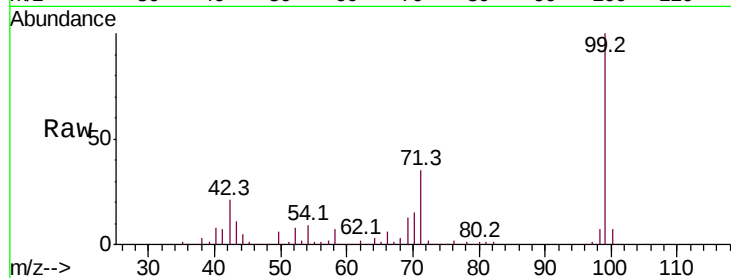
BNA_G

ClientSampleId :

AU-06-020519-A

Tot Ion: 99 Resp: 524913

Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.2	27.2
71	35.1	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1347

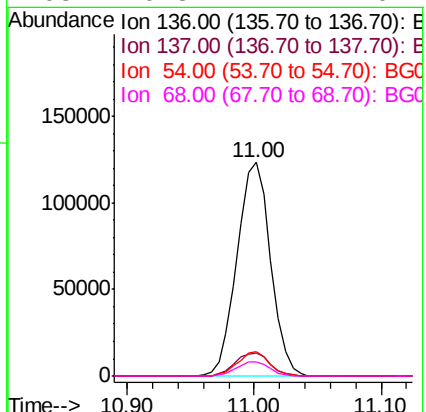
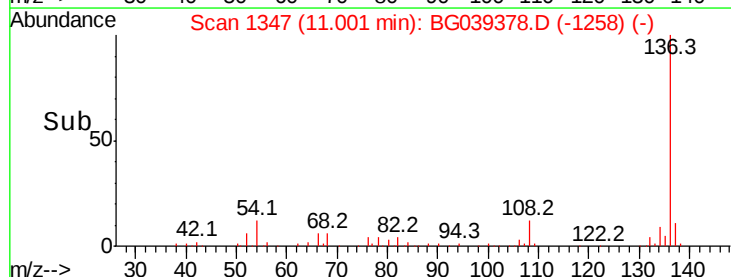
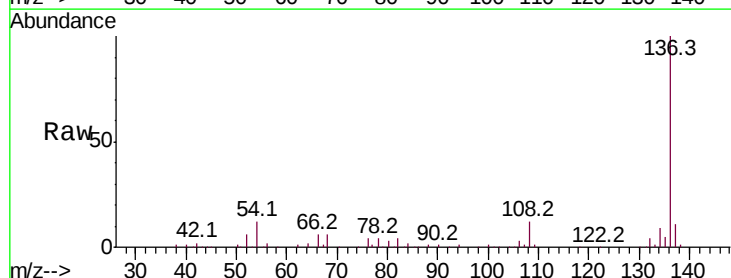
Delta R.T. -0.01 min

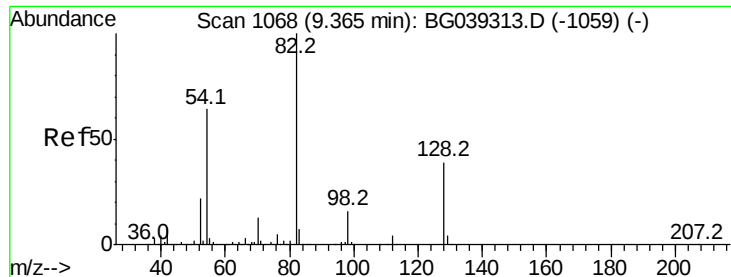
Lab File: BG039378.D

Acq: 6 Feb 2019 19:54

Tgt Ion: 136 Resp: 225989

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.6	9.4	14.2
68	6.3	4.2	6.4

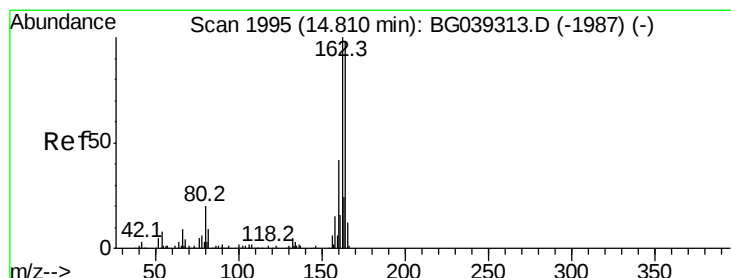
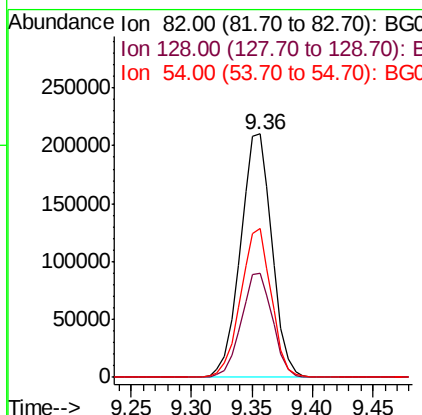
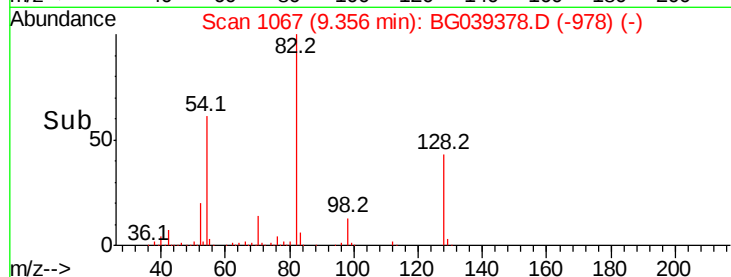
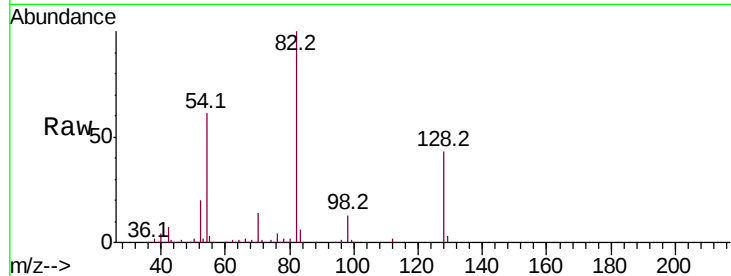




#23
Nitrobenzene-d5
Concen: 105.109 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039378.D
Acq: 6 Feb 2019 19:54

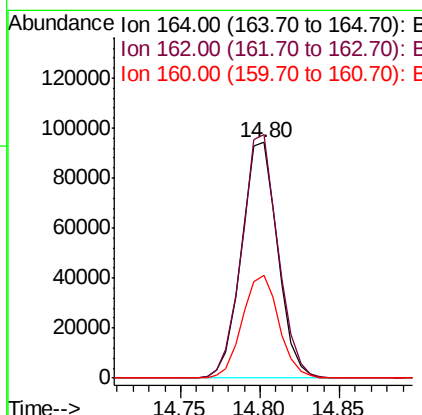
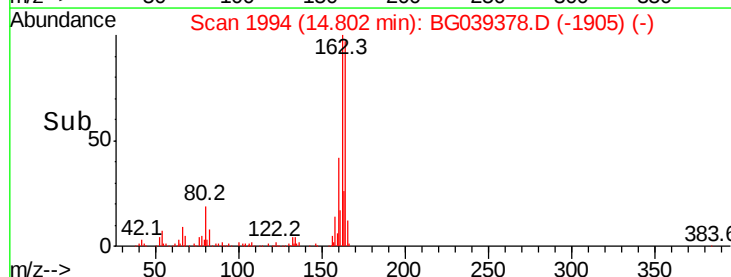
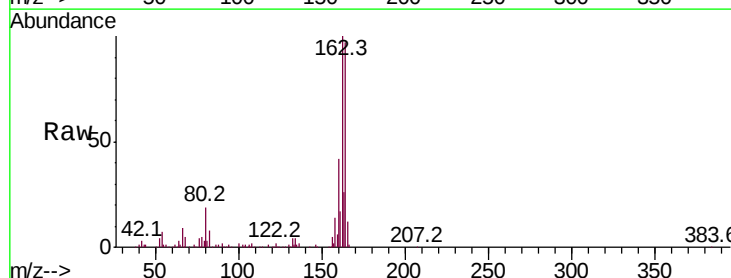
Instrument :
BNA_G
ClientSampleId :
AU-06-020519-A

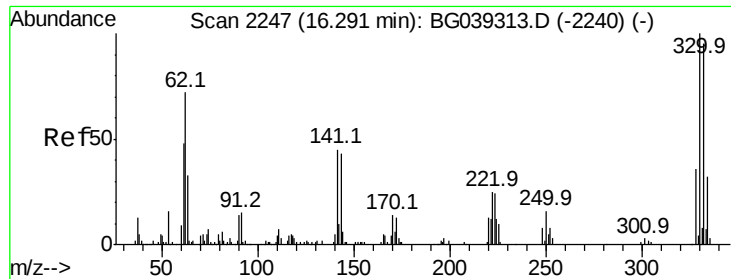
Tot Ion: 82 Resp: 380229
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 60.9 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039378.D
Acq: 6 Feb 2019 19:54

Tgt Ion: 164 Resp: 148992
Ion Ratio Lower Upper
164 100
162 103.4 81.6 122.4
160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 146.824 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039378.D

Acq: 6 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

AU-06-020519-A

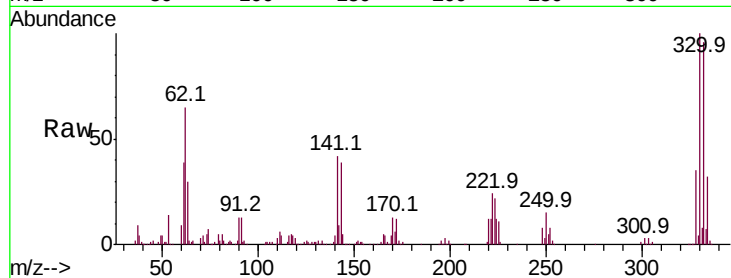
Tot Ion:330 Resp: 235563

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

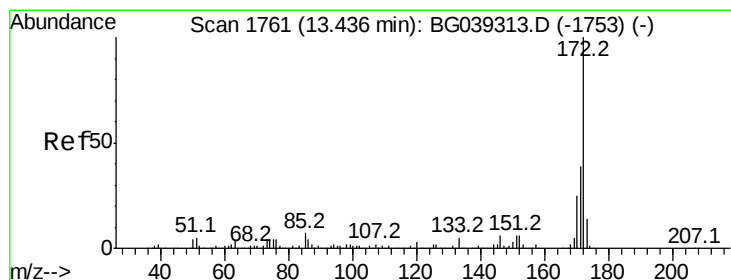
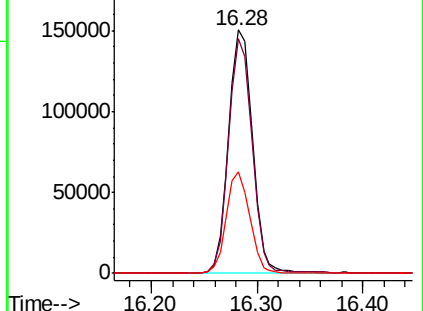
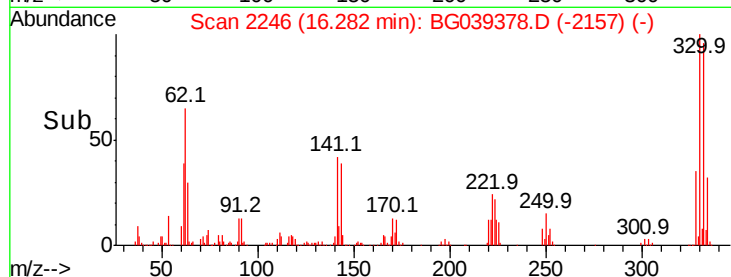
141 40.9 35.6 53.4



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: 89.555 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039378.D

Acq: 6 Feb 2019 19:54

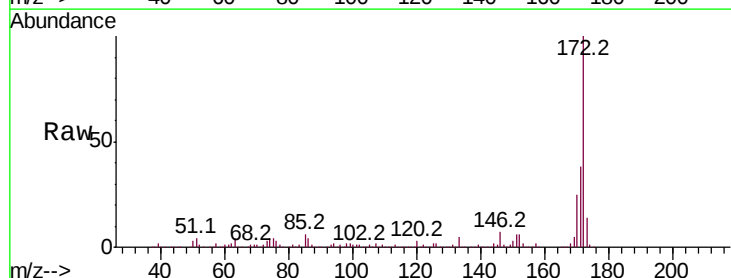
Tgt Ion:172 Resp: 930118

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

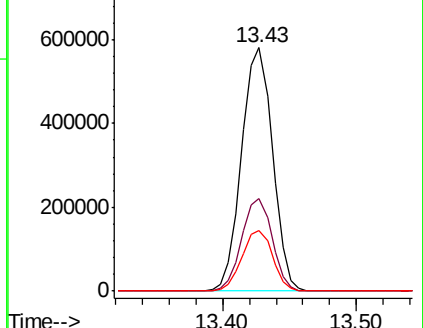
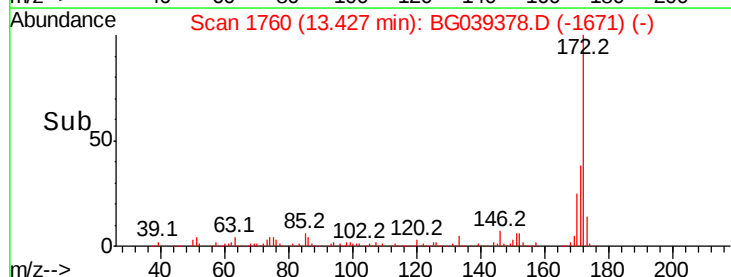
170 24.9 20.2 30.4

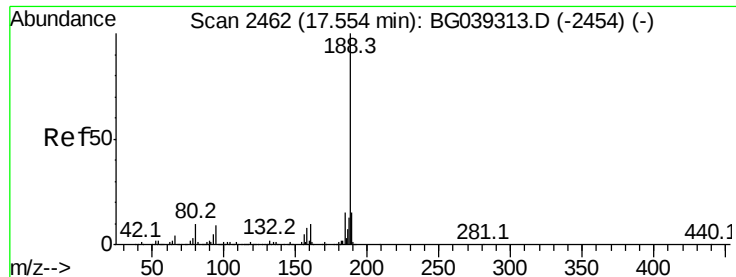


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039378.D

Acq: 6 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

AU-06-020519-A

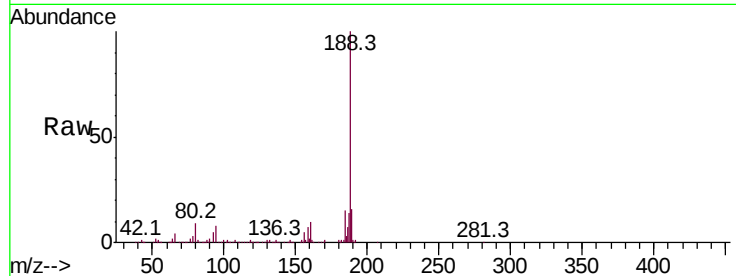
Tot Ion:188 Resp: 355861

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

80 9.4 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

300000

250000

200000

150000

100000

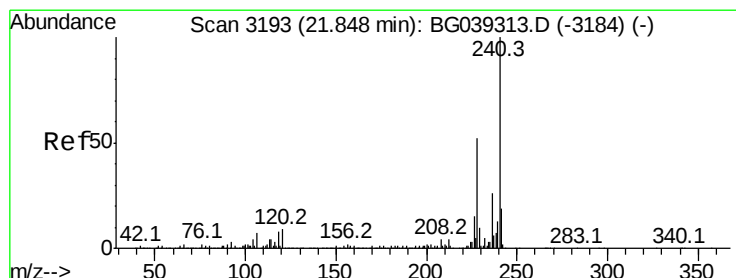
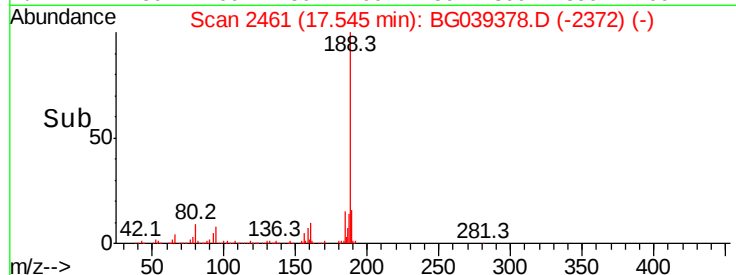
50000

0

17.55

17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039378.D

Acq: 6 Feb 2019 19:54

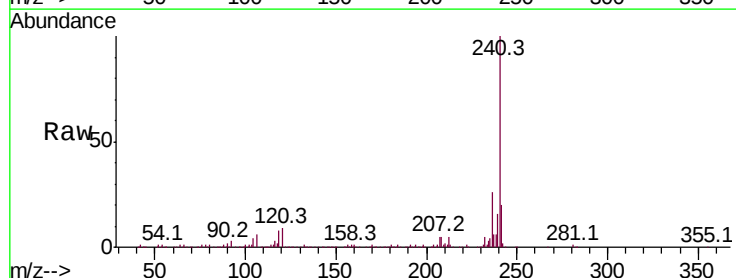
Tgt Ion:240 Resp: 389765

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 25.6 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

300000

250000

200000

150000

100000

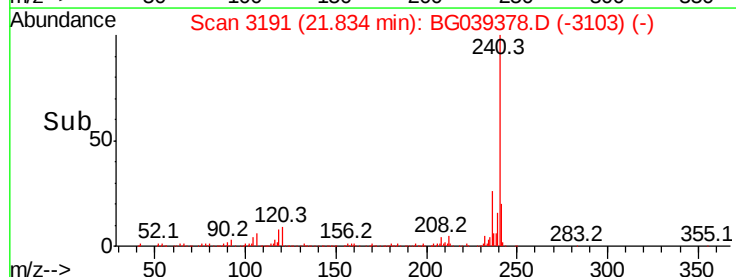
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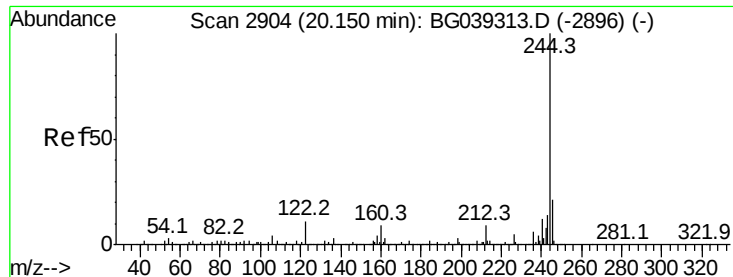
0

21.83

21.70 21.80 21.90 22.00

Time-->



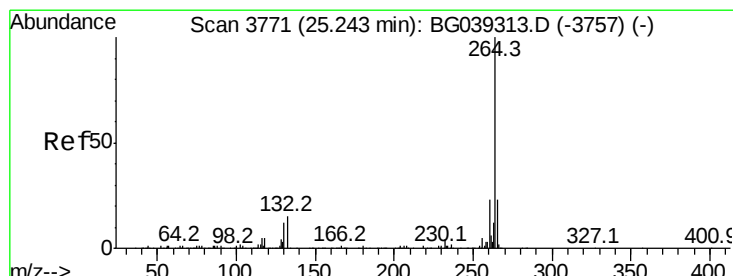
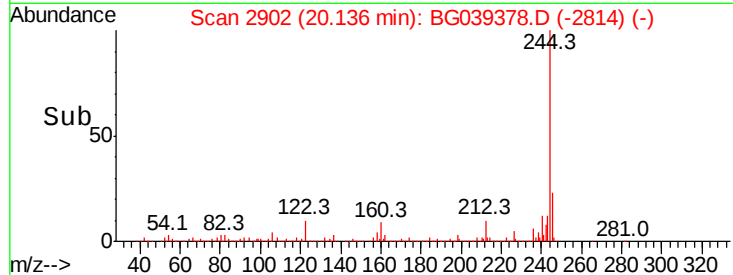
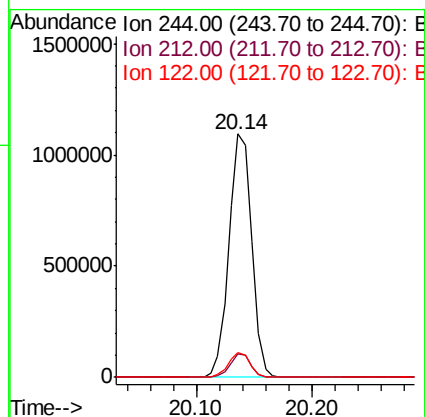
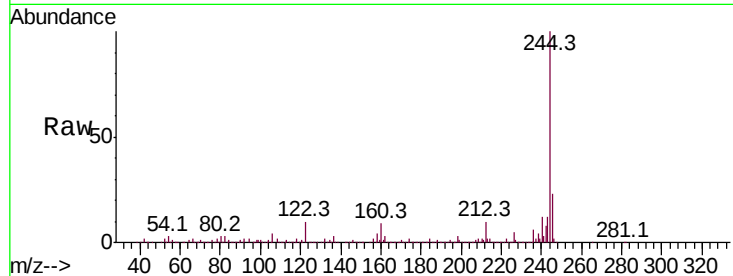


#79
 Terphenyl-d14
 Concen: 80.785 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039378.D
 Acq: 6 Feb 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-020519-A

Tot Ion:244 Resp: 1487562

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.4	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3767
 Delta R.T. -0.03 min
 Lab File: BG039378.D
 Acq: 6 Feb 2019 19:54

Tgt Ion:264 Resp: 386530

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.5	18.5	27.7

