

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039407.D
 Acq On : 8 Feb 2019 8:06
 Operator : JU/SJ
 Sample : K1394-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ISW

Quant Time: Feb 09 01:04:19 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

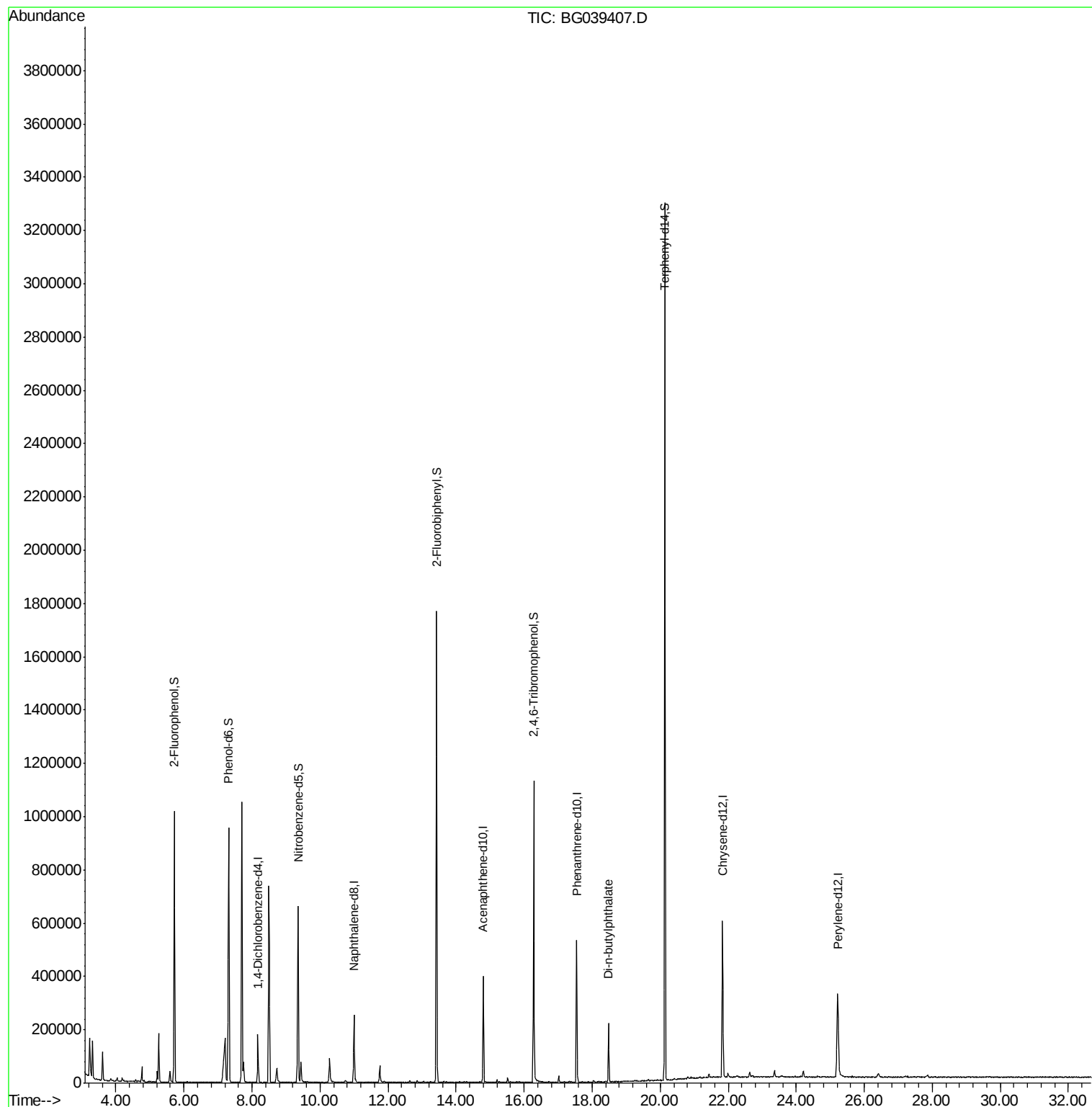
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48223	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	212856	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	142506	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	337335	20.00	ng	0.00
76) Chrysene-d12	21.83	240	366616	20.00	ng	-0.01
87) Perylene-d12	25.22	264	359959	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	421534	149.61	ng	0.00
7) Phenol-d6	7.31	99	548144	132.17	ng	0.00
23) Nitrobenzene-d5	9.36	82	396090	116.25	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	196406	127.99	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	942523	94.88	ng	0.00
79) Terphenyl-d14	20.14	244	1507521	87.04	ng	-0.01
Target Compounds						
74) Di-n-butylphthalate	18.48	149	159237	7.953	ng	Qvalue 98

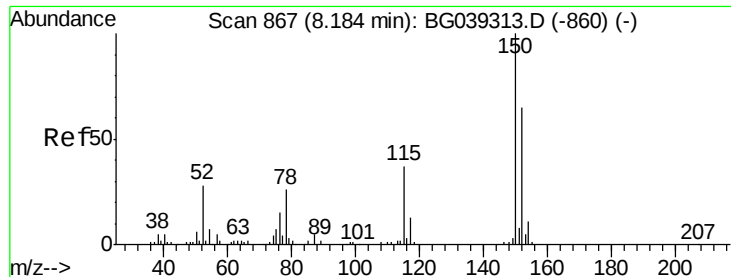
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039407.D

Acq: 8 Feb 2019 8:06

Instrument :

BNA_G

ClientSampleId :

ISW

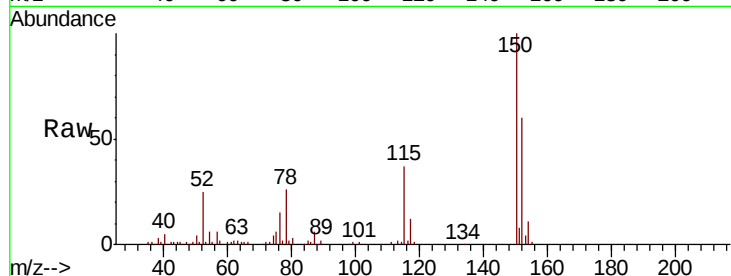
Tot Ion:152 Resp: 48223

Ion Ratio Lower Upper

152 100

150 165.3 123.7 185.5

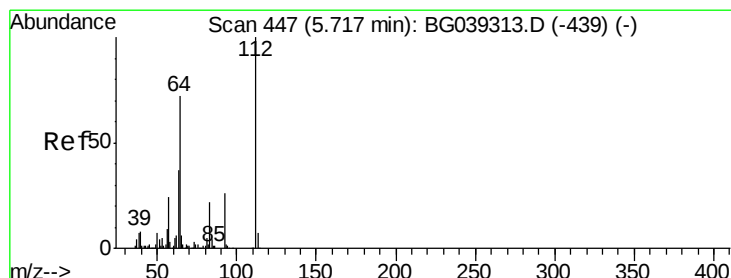
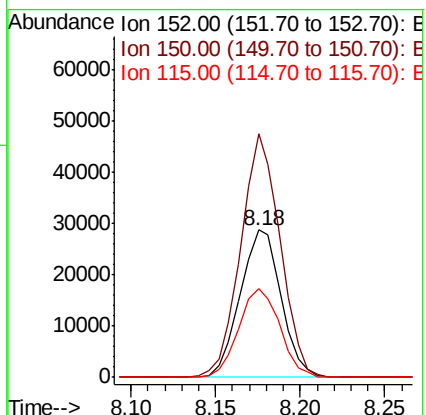
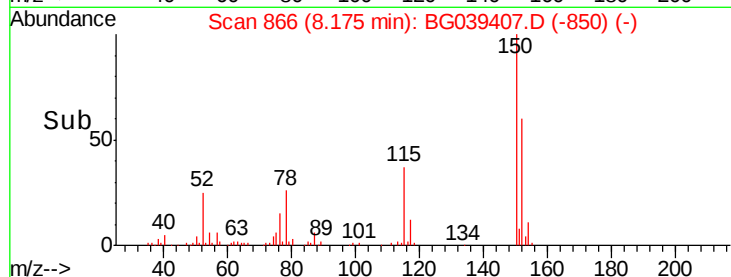
115 60.5 45.9 68.9



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: 149.609 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039407.D

Acq: 8 Feb 2019 8:06

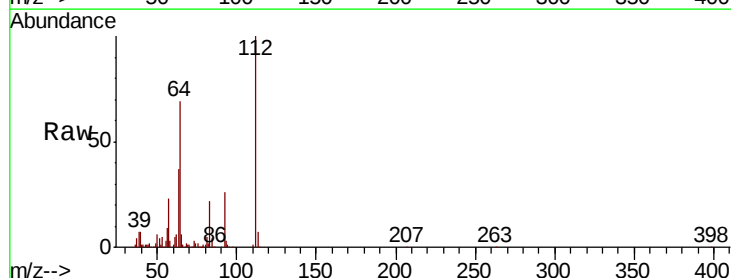
Tgt Ion:112 Resp: 421534

Ion Ratio Lower Upper

112 100

64 68.7 57.8 86.8

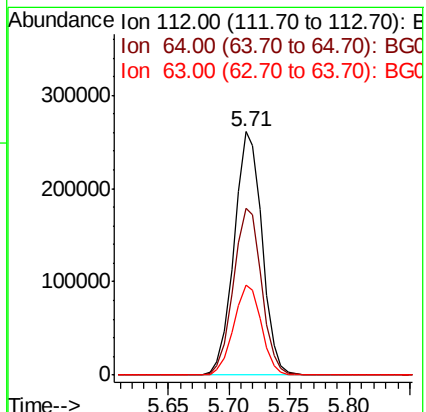
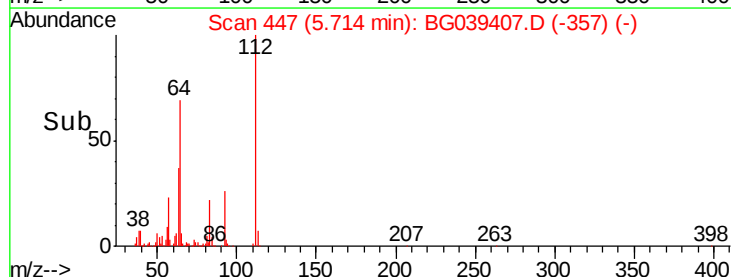
63 37.1 29.8 44.6

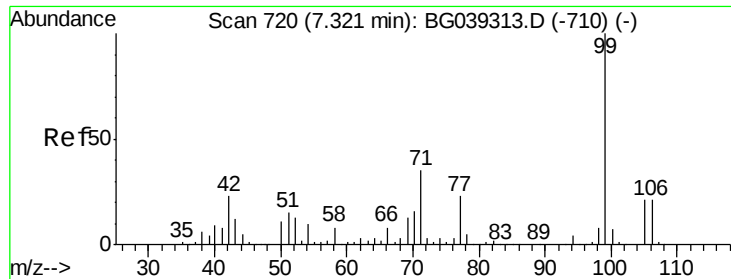


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.166 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039407.D

Acq: 8 Feb 2019 8:06

Instrument :

BNA_G

ClientSampleId :

ISW

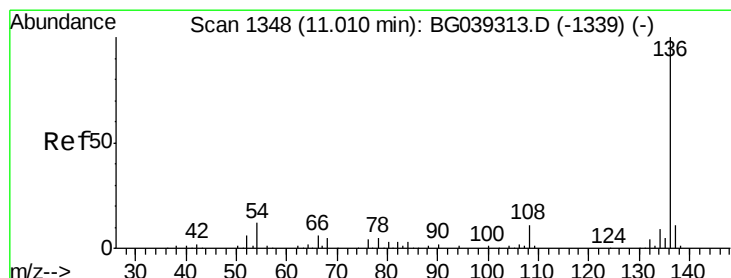
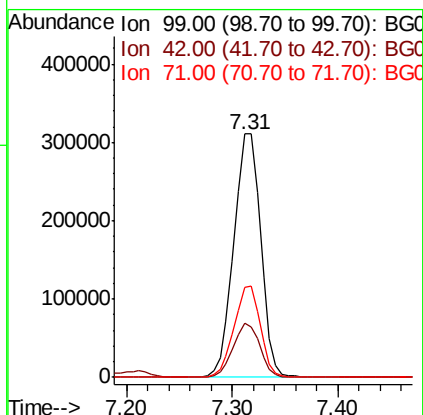
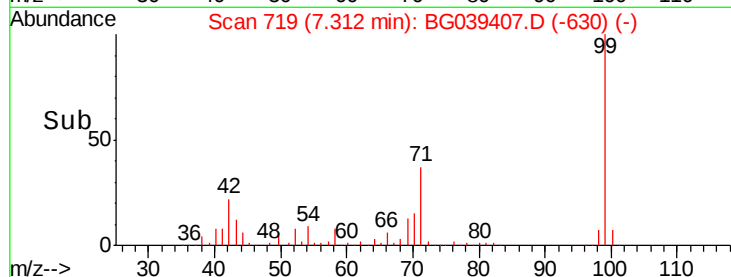
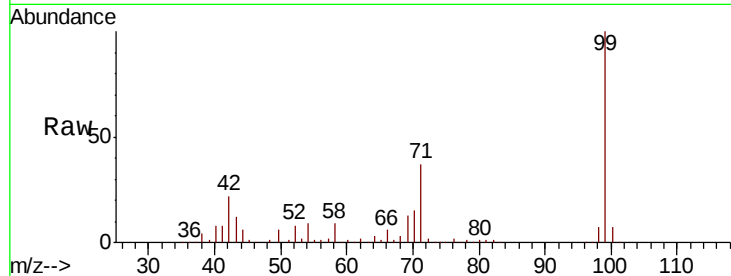
Tot Ion: 99 Resp: 548144

Ion Ratio Lower Upper

99 100

42 22.1 18.2 27.2

71 36.9 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: BG039407.D

Acq: 8 Feb 2019 8:06

Tgt Ion: 136 Resp: 212856

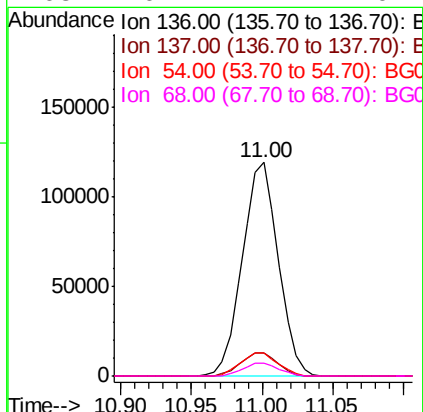
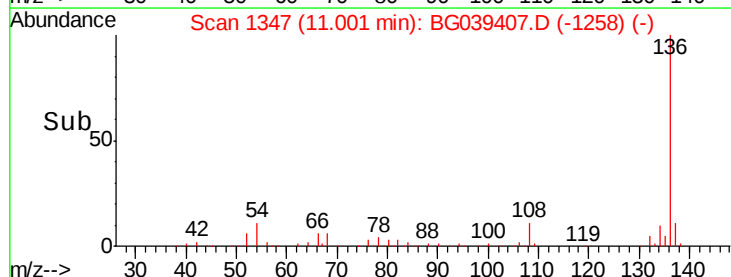
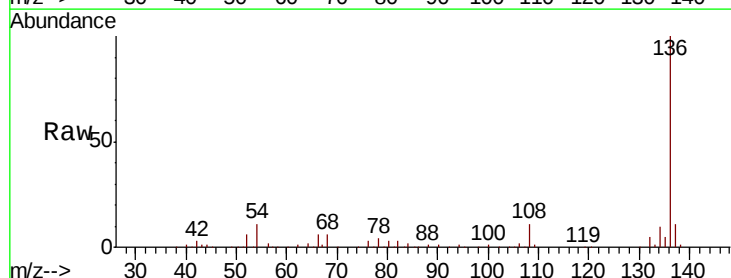
Ion Ratio Lower Upper

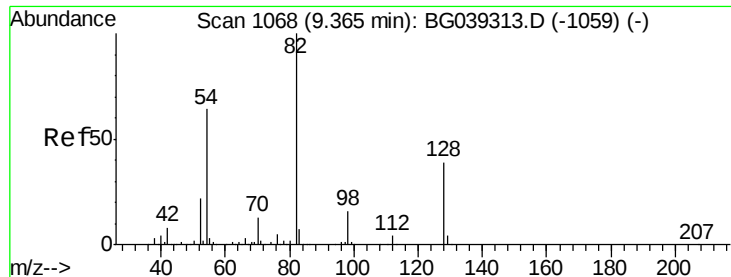
136 100

137 11.0 9.1 13.7

54 10.6 9.4 14.2

68 6.1 4.2 6.4

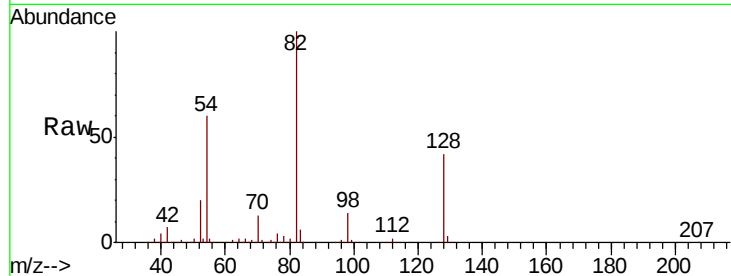




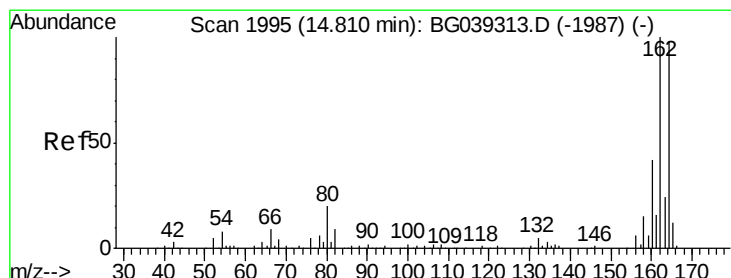
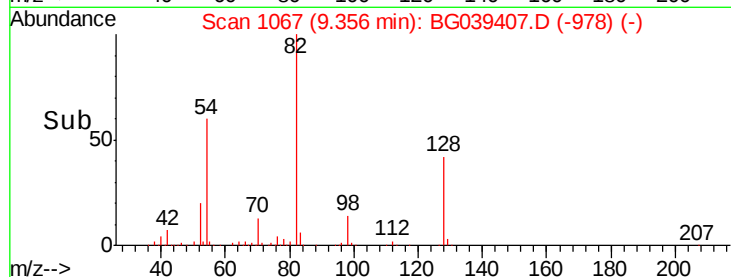
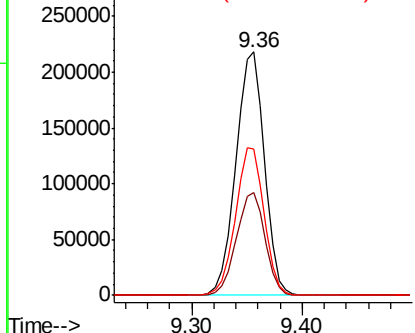
#23
Nitrobenzene-d5
Concen: 116.249 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039407.D
Acq: 8 Feb 2019 8:06

Instrument :
BNA_G
ClientSampled :
ISW

Tot Ion: 82 Resp: 396090
Ion Ratio Lower Upper
82 100
128 42.0 31.3 46.9
54 60.0 50.9 76.3

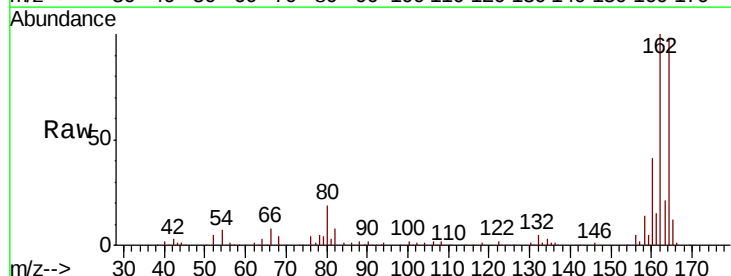


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

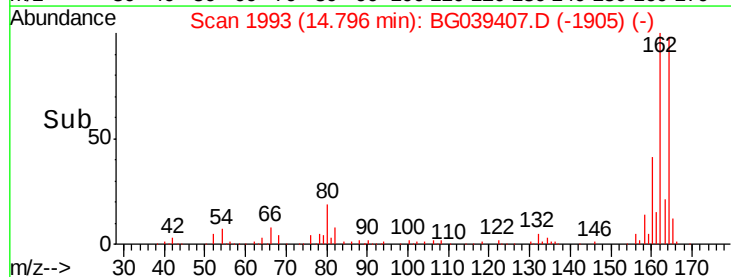
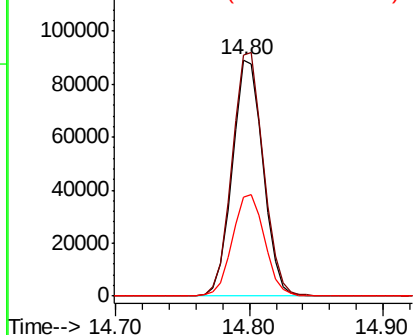


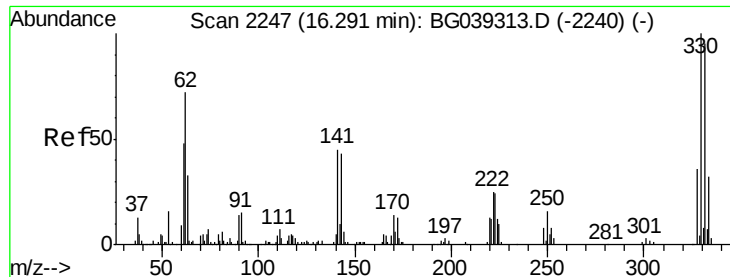
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039407.D
Acq: 8 Feb 2019 8:06

Tgt Ion: 164 Resp: 142506
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 41.9 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: 127.990 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039407.D

Acq: 8 Feb 2019 8:06

Instrument :

BNA_G

ClientSampleId :

ISW

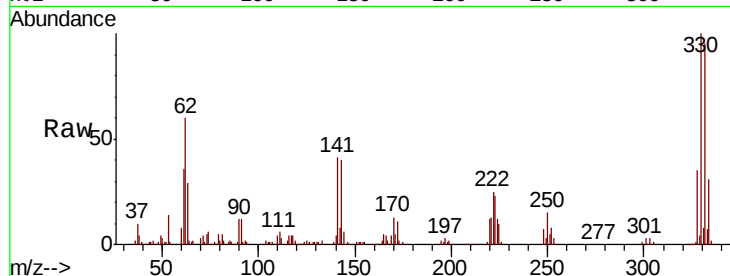
Tot Ion:330 Resp: 196406

Ion Ratio Lower Upper

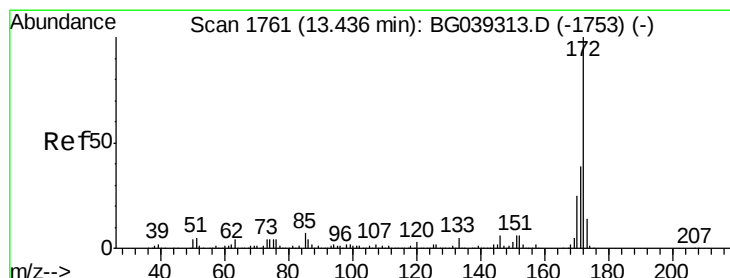
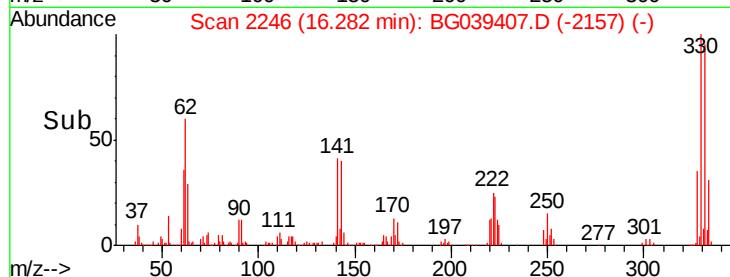
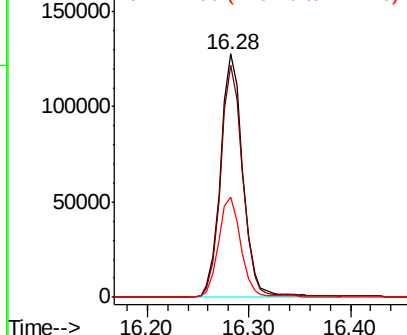
330 100

332 94.8 75.7 113.5

141 41.8 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: 94.880 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039407.D

Acq: 8 Feb 2019 8:06

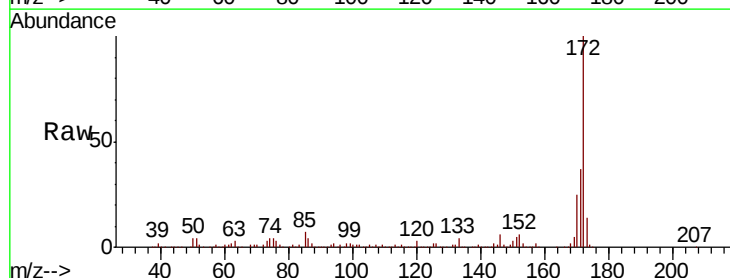
Tgt Ion:172 Resp: 942523

Ion Ratio Lower Upper

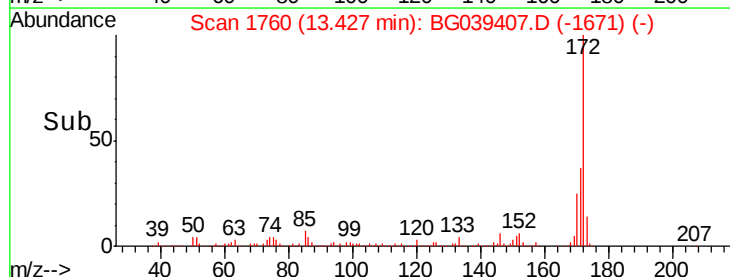
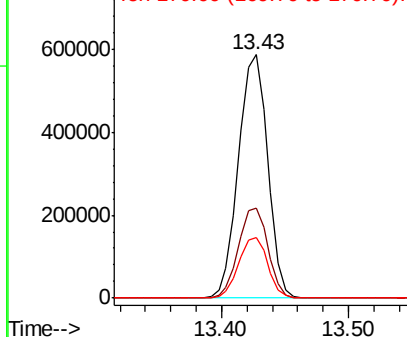
172 100

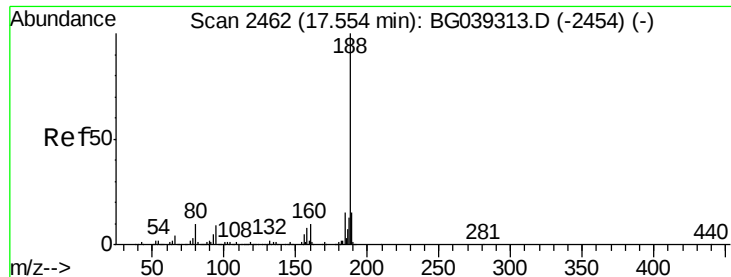
171 36.9 30.8 46.2

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: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039407.D

Acq: 8 Feb 2019 8:06

Instrument :

BNA_G

ClientSampleId :

ISW

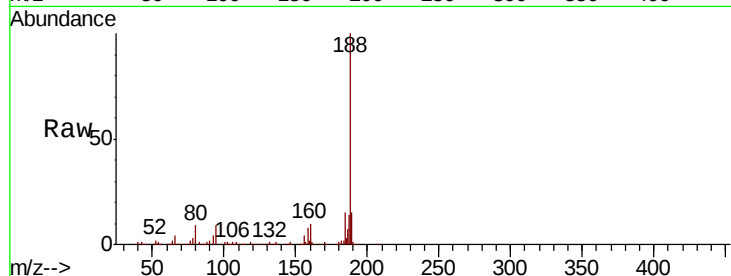
Tot Ion:188 Resp: 337335

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

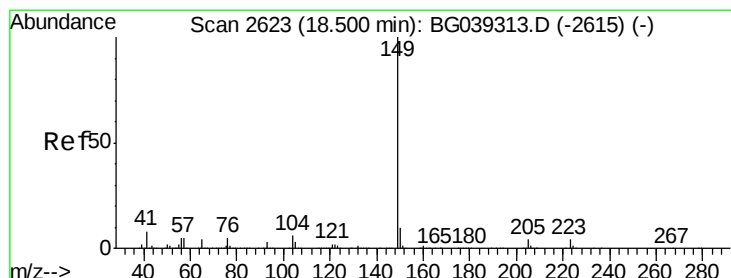
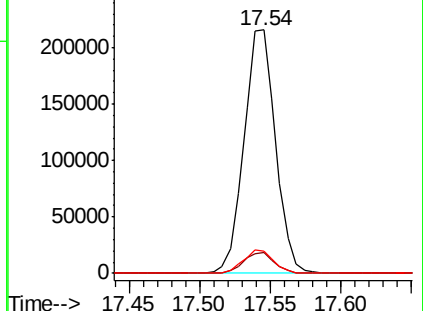
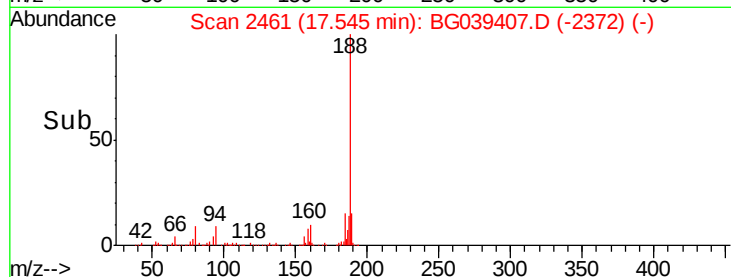
80 9.1 8.1 12.1



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



#74

Di-n-butylphthalate

Concen: 7.953 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039407.D

Acq: 8 Feb 2019 8:06

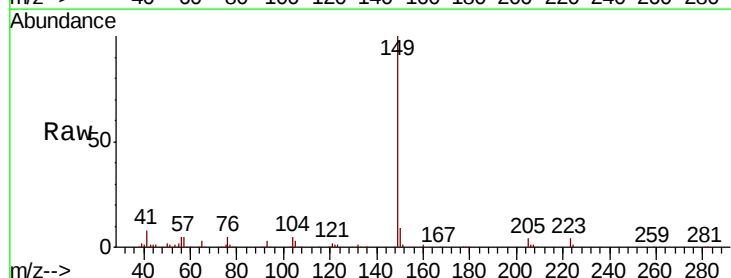
Tgt Ion:149 Resp: 159237

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

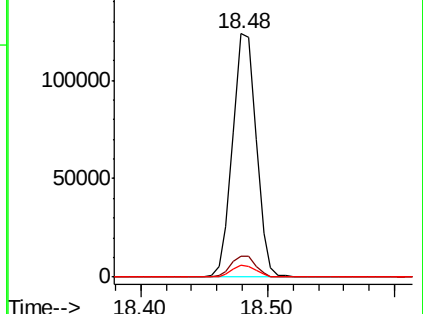
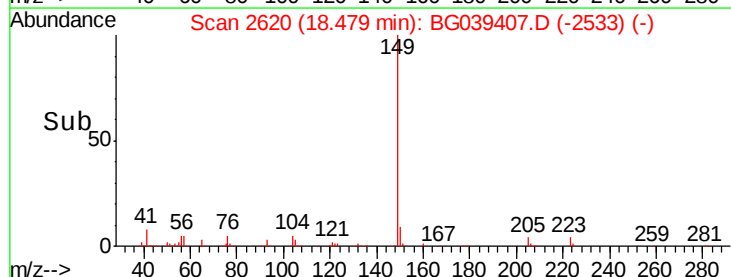
104 5.0 4.5 6.7

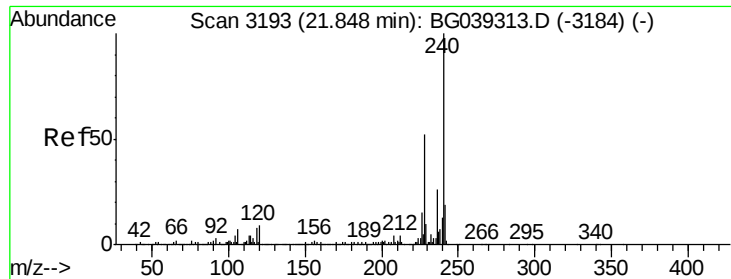


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

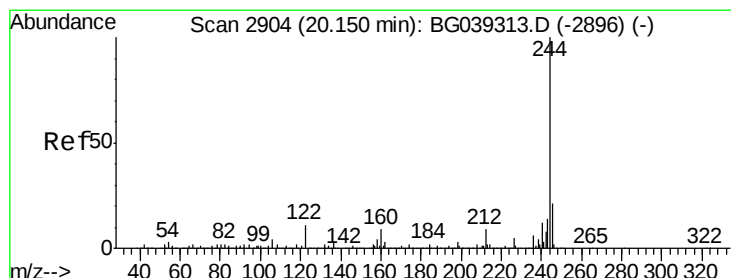
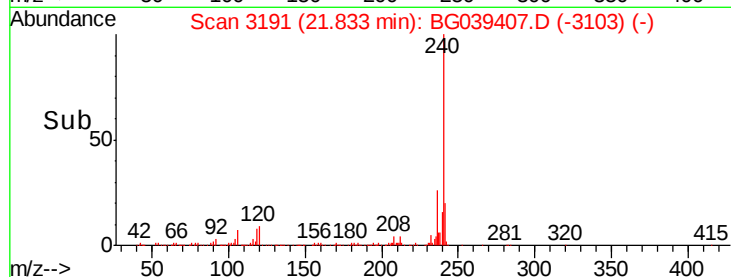
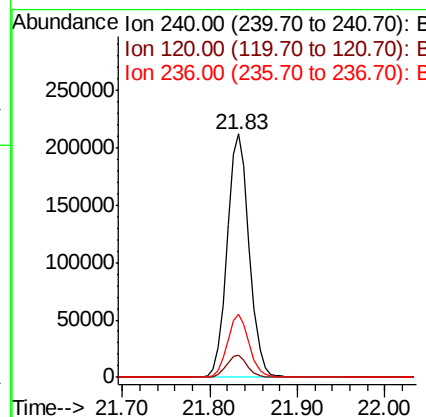
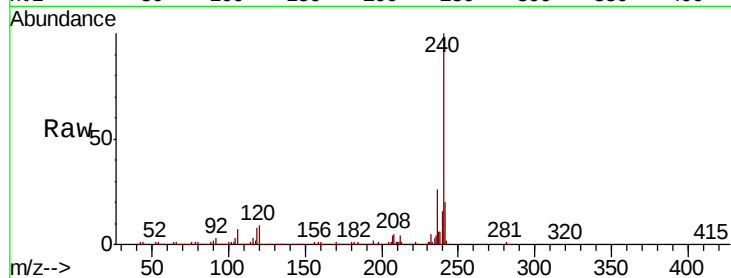




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039407.D
 Acq: 8 Feb 2019 8:06

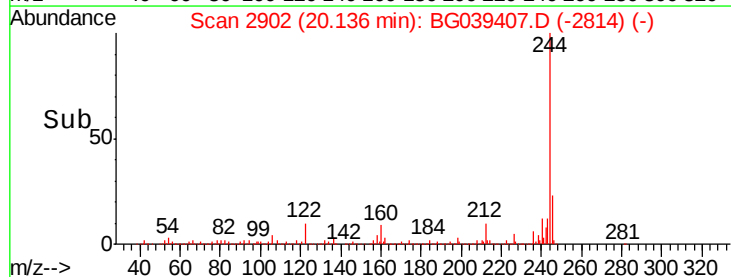
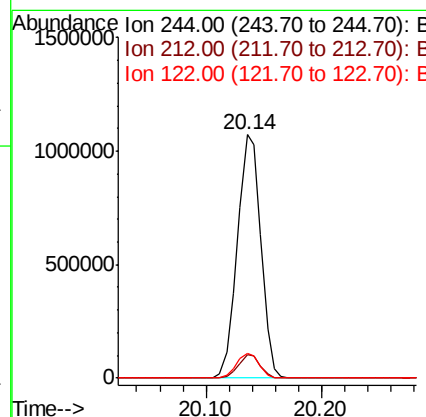
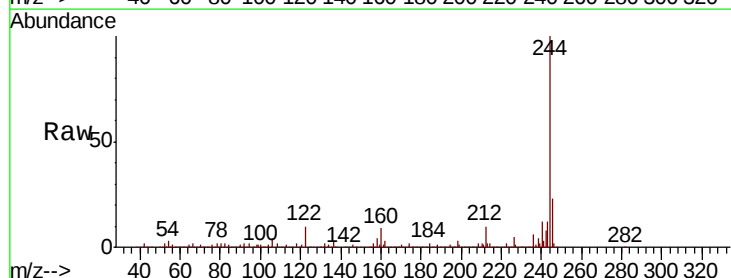
Instrument :
 BNA_G
 ClientSampleId :
 ISW

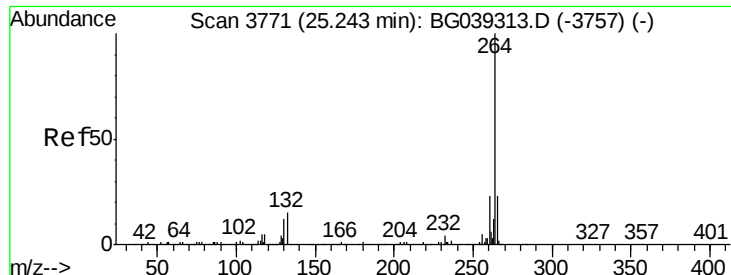
Tot Ion:240 Resp: 366616
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.0 10.6
 236 25.8 21.0 31.4



#79
 Terphenyl-d14
 Concen: 87.038 ng
 RT: 20.14 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG039407.D
 Acq: 8 Feb 2019 8:06

Tgt Ion:244 Resp: 1507521
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.3 10.9
 122 10.4 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: BG039407.D
Acq: 8 Feb 2019 8:06

Instrument :
BNA_G
ClientSampleId :
ISW

Tot Ion:	264	Resp:	359959
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	19.1	18.5	27.7

