

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
 Data File : BG039593.D
 Acq On : 25 Feb 2019 19:11
 Operator : JU/SJ
 Sample : K1348-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-022219-B

Quant Time: Feb 26 00:53:23 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	8.17	152	54167	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	235707	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	165713	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	397362	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	403179	20.00	ng	-0.02
87) Perylene-d12	25.21	264	308766	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	463595	146.48	ng	0.00
7) Phenol-d6	7.31	99	636070	136.54	ng	0.00
23) Nitrobenzene-d5	9.35	82	430614	114.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	195625	109.63	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1048170	90.74	ng	-0.02
79) Terphenyl-d14	20.13	244	1671008	87.73	ng	-0.02

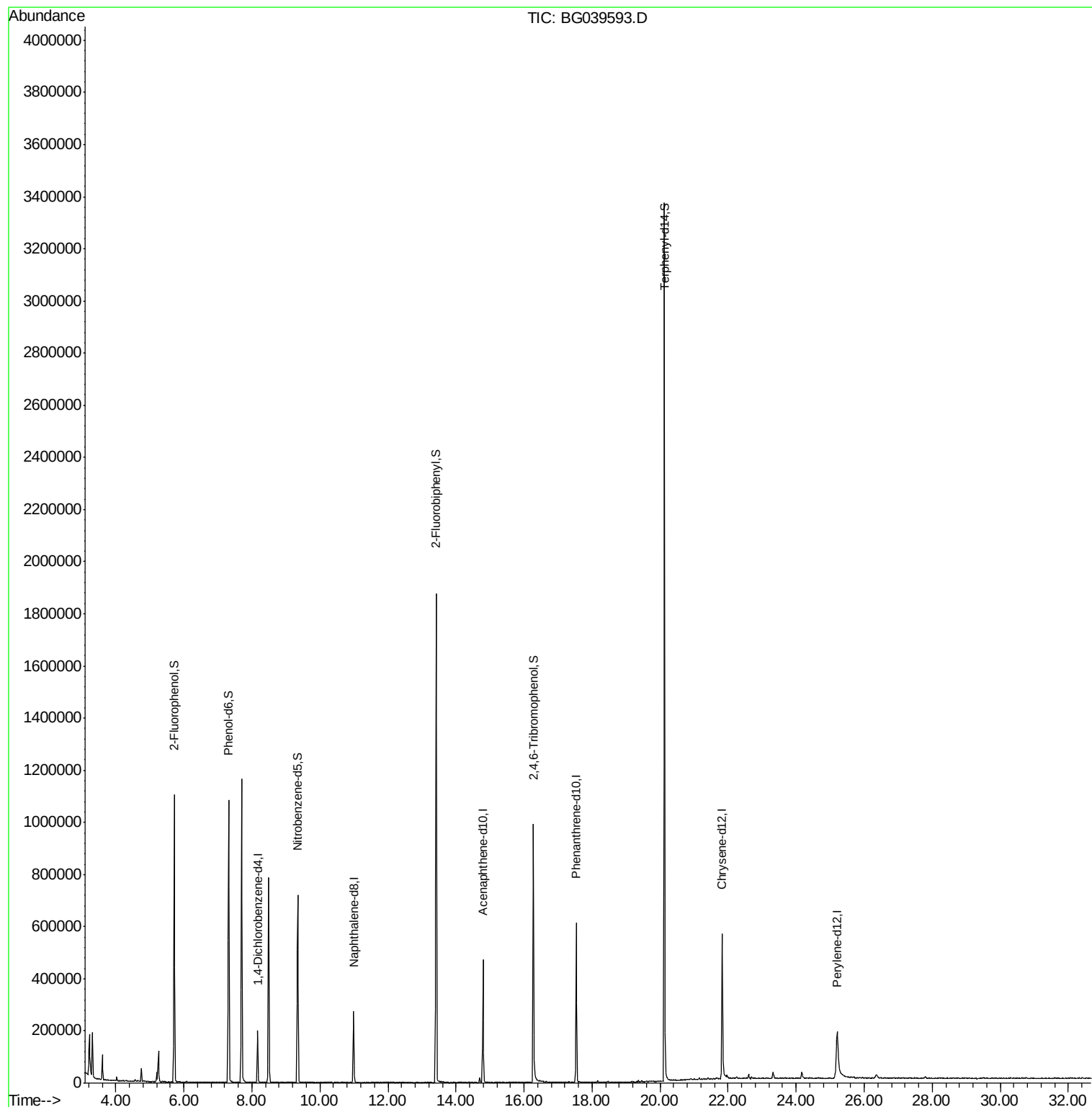
Target Compounds Qvalue

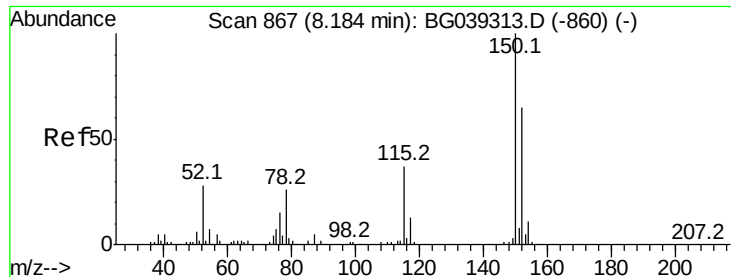
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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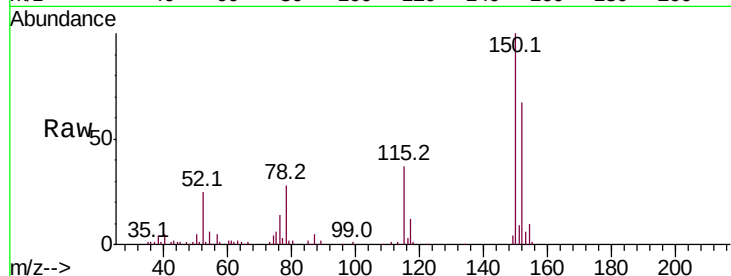


#1

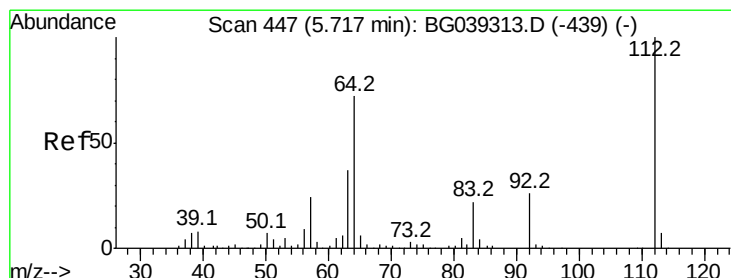
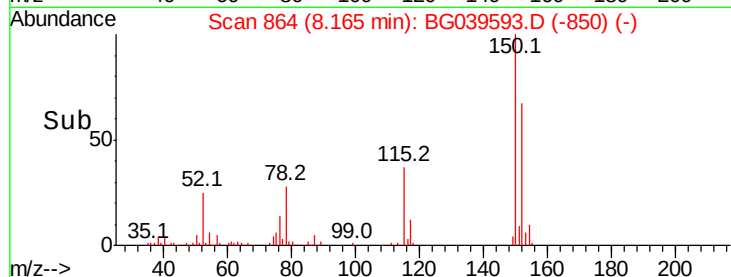
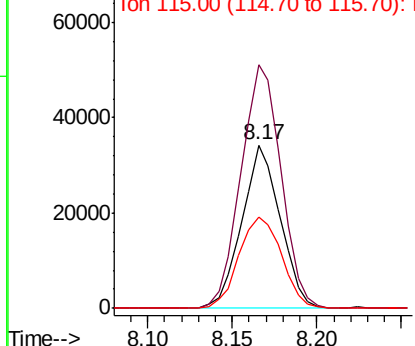
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039593.D
Acq: 25 Feb 2019 19:11

Instrument :
BNA_G
ClientSampleId :
OK-03-022219-B

Tot Ion:152 Resp: 54167
Ion Ratio Lower Upper
152 100
150 149.1 123.7 185.5
115 55.7 45.9 68.9



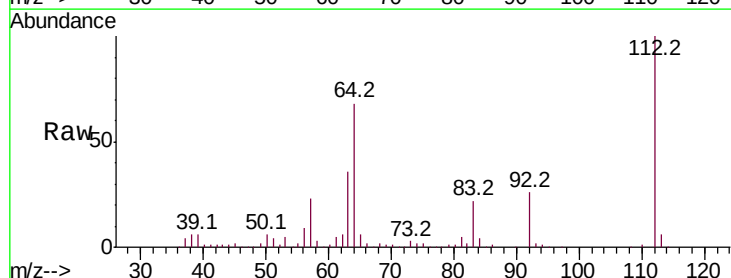
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



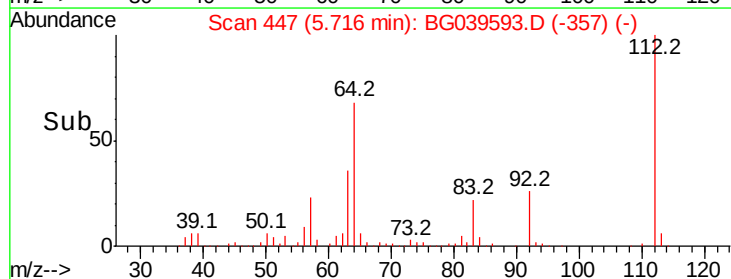
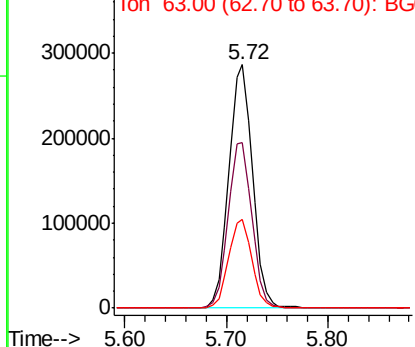
#5

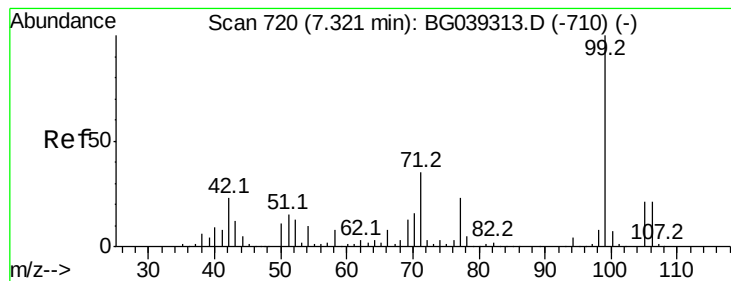
2-Fluorophenol
Concen: 146.482 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039593.D
Acq: 25 Feb 2019 19:11

Tgt Ion:112 Resp: 463595
Ion Ratio Lower Upper
112 100
64 68.2 57.8 86.8
63 36.2 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: 136.537 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039593.D

Acq: 25 Feb 2019 19:11

Instrument :

BNA_G

ClientSampleId :

OK-03-022219-B

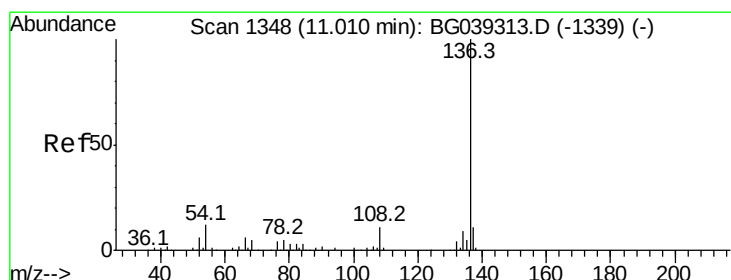
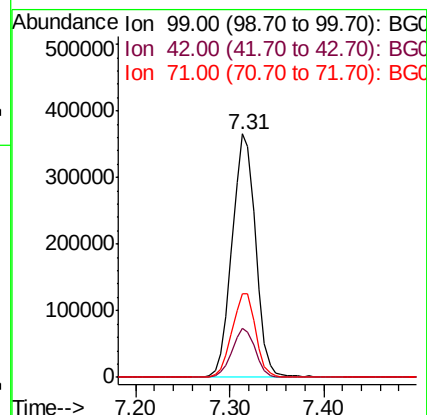
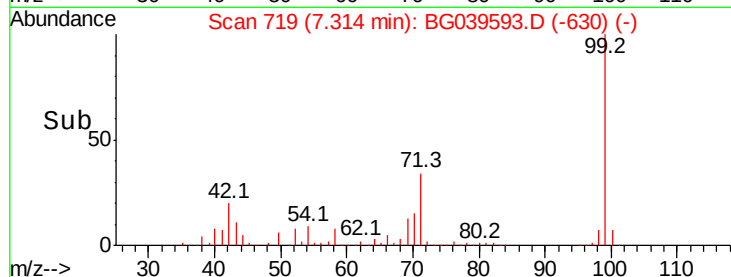
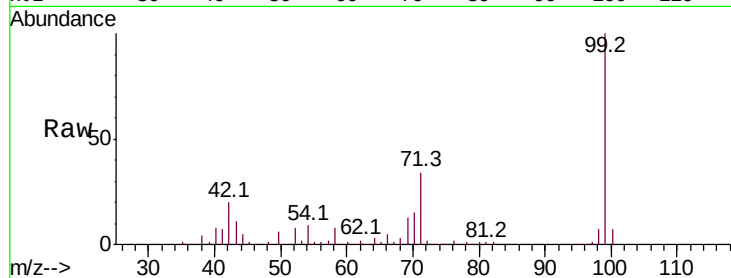
Tot Ion: 99 Resp: 636070

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 34.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG039593.D

Acq: 25 Feb 2019 19:11

Tgt Ion: 136 Resp: 235707

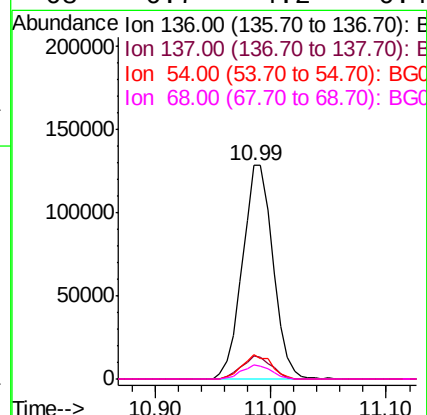
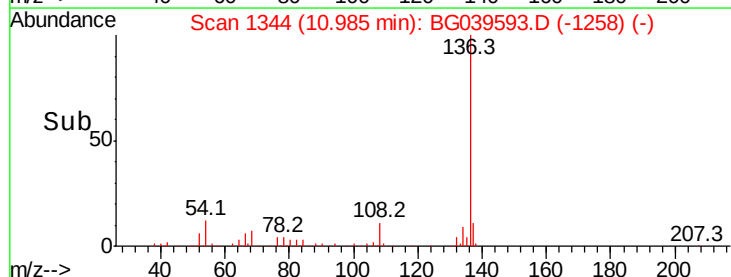
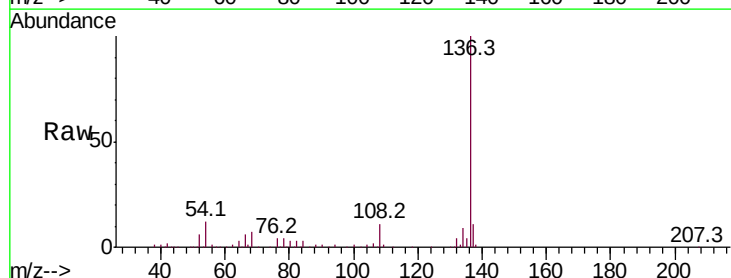
Ion Ratio Lower Upper

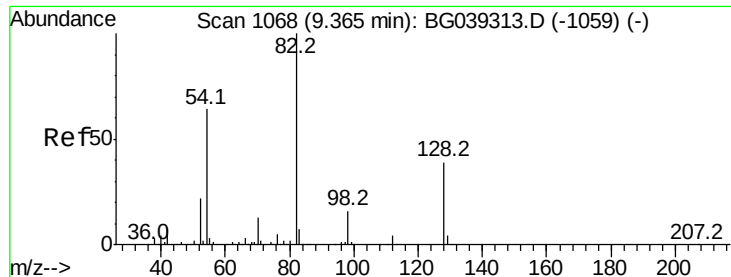
136 100

137 10.7 9.1 13.7

54 11.7 9.4 14.2

68 6.7 4.2 6.4#

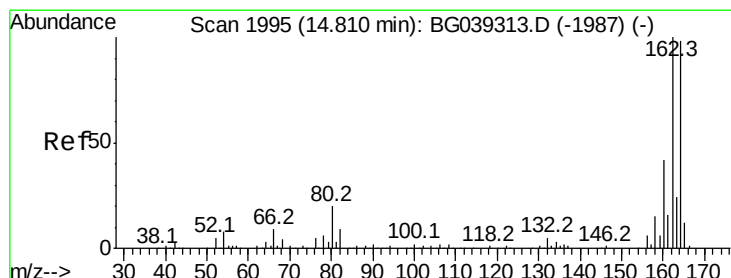
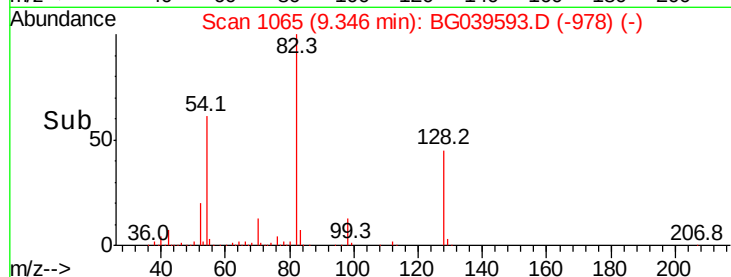
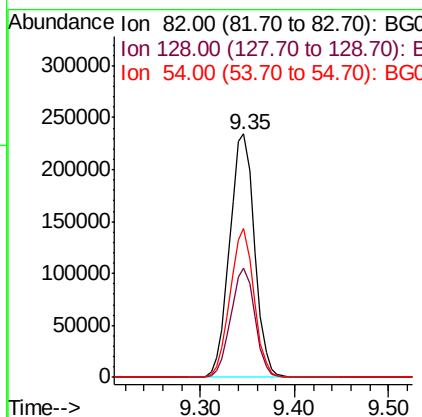
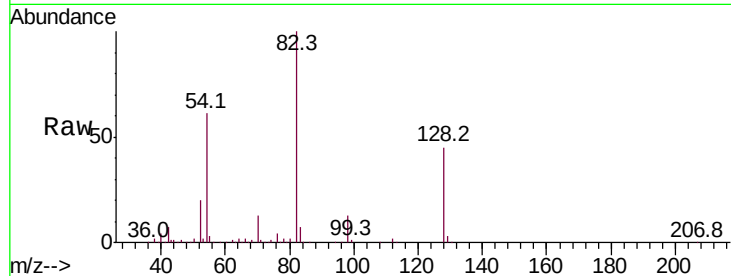




#23
Nitrobenzene-d5
Concen: 114.130 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039593.D
Acq: 25 Feb 2019 19:11

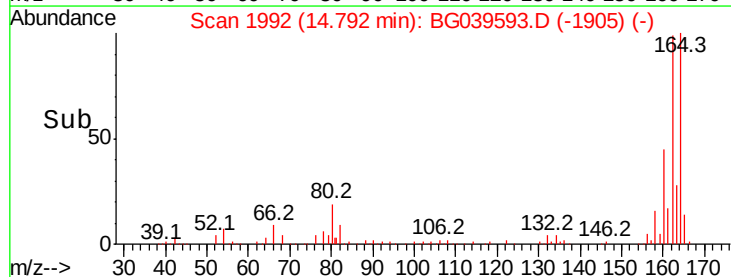
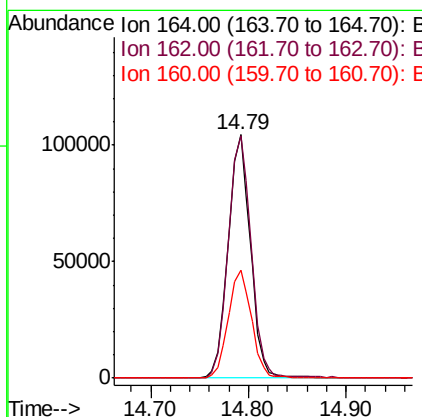
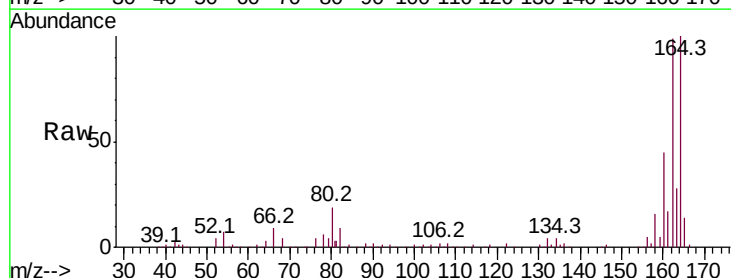
Instrument :
BNA_G
ClientSampleId :
OK-03-022219-B

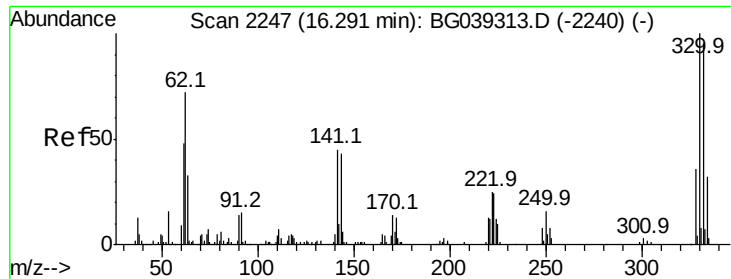
Tot Ion: 82 Resp: 430614
Ion Ratio Lower Upper
82 100
128 44.9 31.3 46.9
54 61.0 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039593.D
Acq: 25 Feb 2019 19:11

Tgt Ion:164 Resp: 165713
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 44.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 109.628 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039593.D

Acq: 25 Feb 2019 19:11

Instrument :

BNA_G

ClientSampleId :

OK-03-022219-B

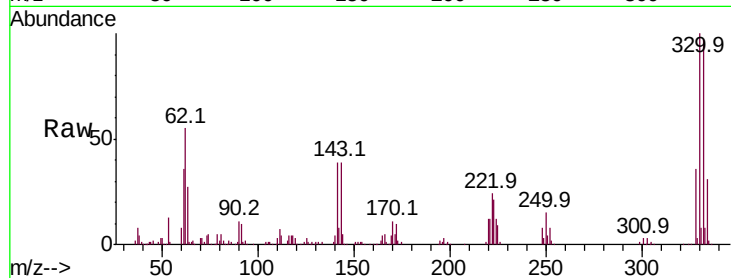
Tot Ion:330 Resp: 195625

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

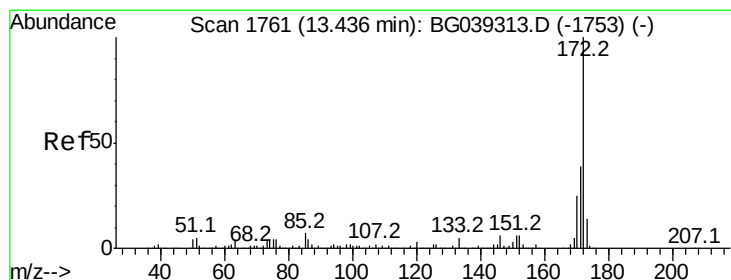
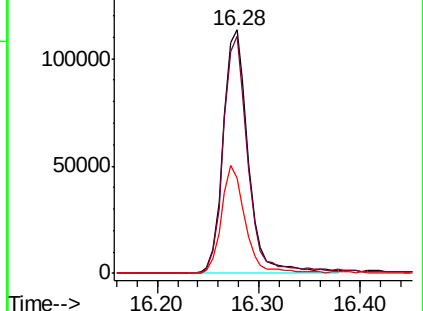
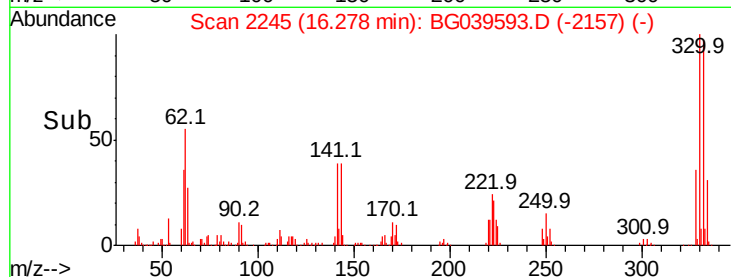
141 41.3 35.6 53.4



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: 90.738 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039593.D

Acq: 25 Feb 2019 19:11

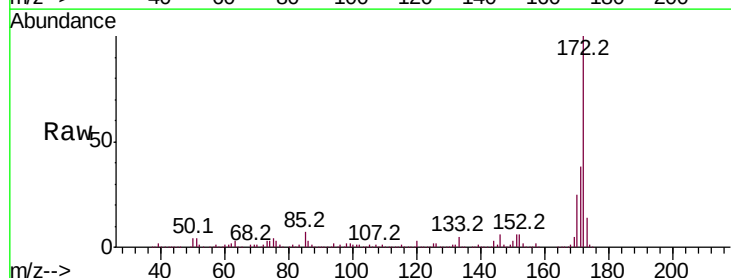
Tgt Ion:172 Resp: 1048170

Ion Ratio Lower Upper

172 100

171 38.4 30.8 46.2

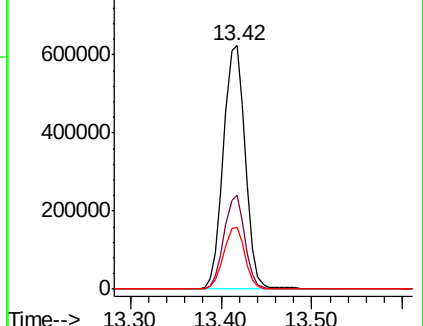
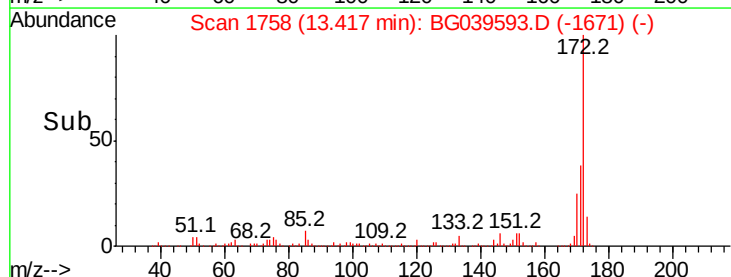
170 25.4 20.2 30.4

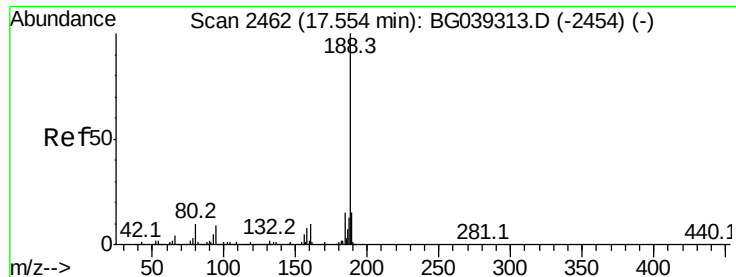


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2459

Delta R.T. -0.02 min

Lab File: BG039593.D

Acq: 25 Feb 2019 19:11

Instrument :

BNA_G

ClientSampleId :

OK-03-022219-B

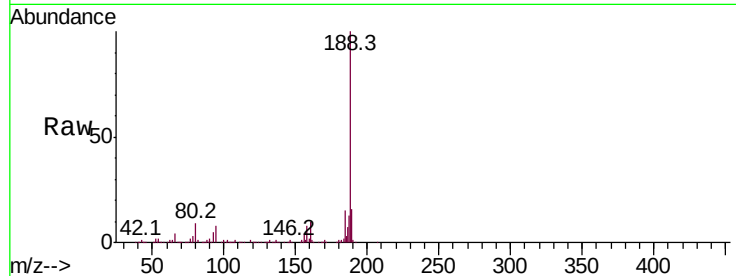
Tot Ion:188 Resp: 397362

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

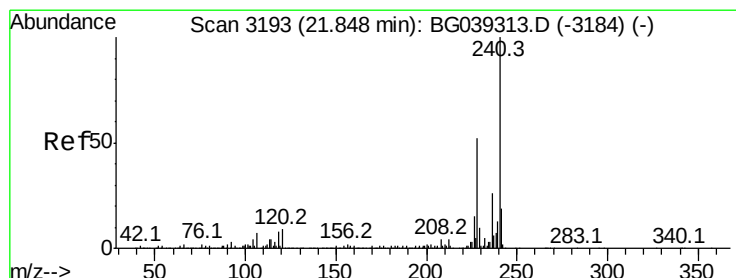
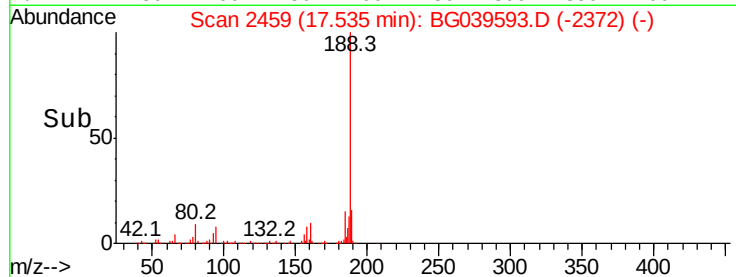
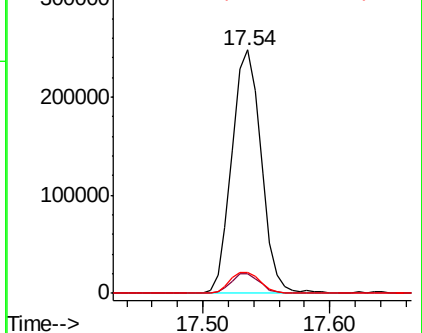
80 8.8 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039593.D

Acq: 25 Feb 2019 19:11

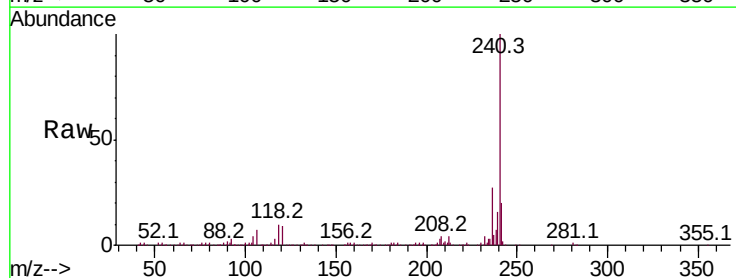
Tgt Ion:240 Resp: 403179

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

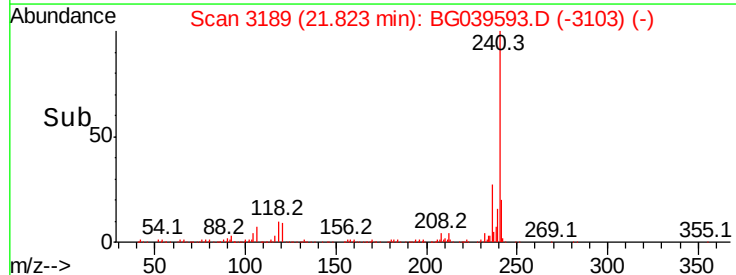
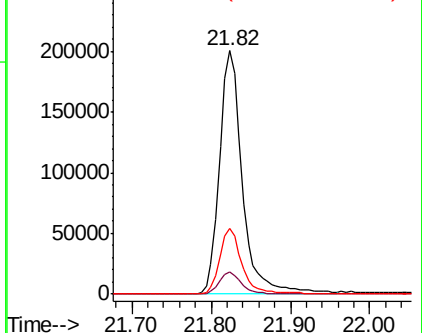
236 27.2 21.0 31.4

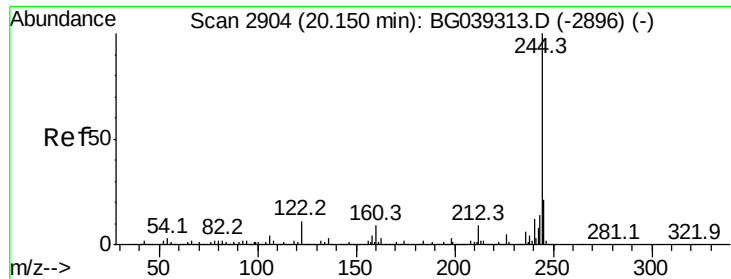


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

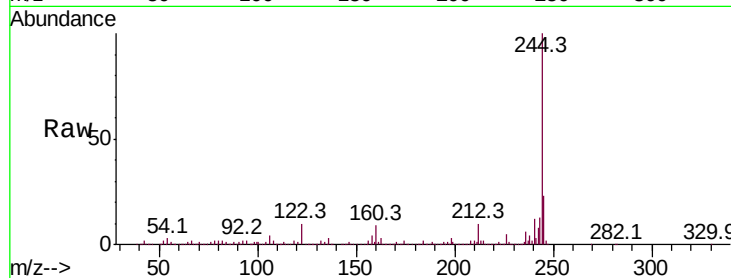




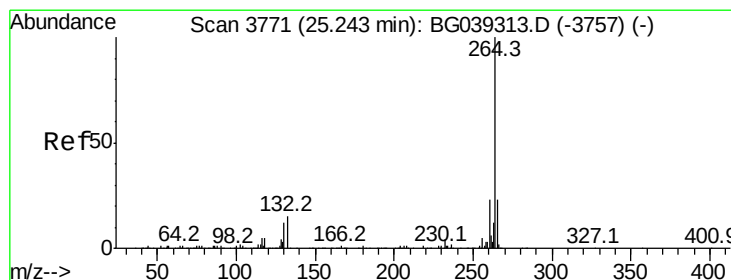
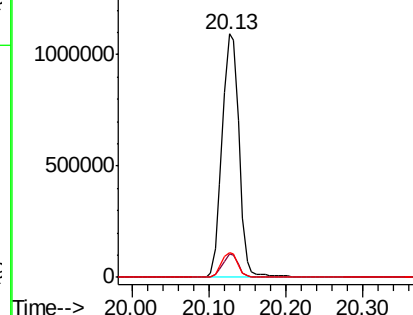
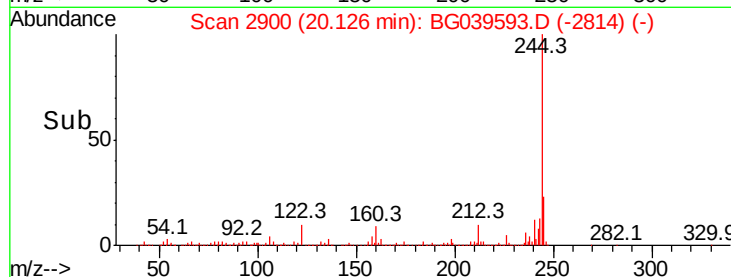
#79
 Terphenyl-d14
 Concen: 87.728 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039593.D
 Acq: 25 Feb 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-022219-B

Tot Ion:244 Resp: 1671008
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.3 10.9
 122 10.4 8.4 12.6

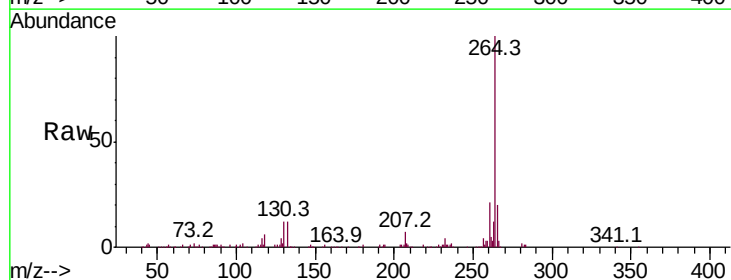


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3765
 Delta R.T. -0.04 min
 Lab File: BG039593.D
 Acq: 25 Feb 2019 19:11

Tgt Ion:264 Resp: 308766
 Ion Ratio Lower Upper
 264 100
 260 21.0 18.2 27.4
 265 19.7 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
 80000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

