

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
 Data File : BG039592.D
 Acq On : 25 Feb 2019 18:32
 Operator : JU/SJ
 Sample : K1586-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-1

Quant Time: Feb 26 00:52:32 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	58569	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	254895	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	175640	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	425718	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	423953	20.00	ng	-0.02
87) Perylene-d12	25.20	264	343649	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	431246	126.02	ng	0.00
7) Phenol-d6	7.31	99	553925	109.97	ng	0.00
23) Nitrobenzene-d5	9.35	82	429428	105.25	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	200160	105.83	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1013222	82.76	ng	-0.02
79) Terphenyl-d14	20.13	244	1651907	82.48	ng	-0.02

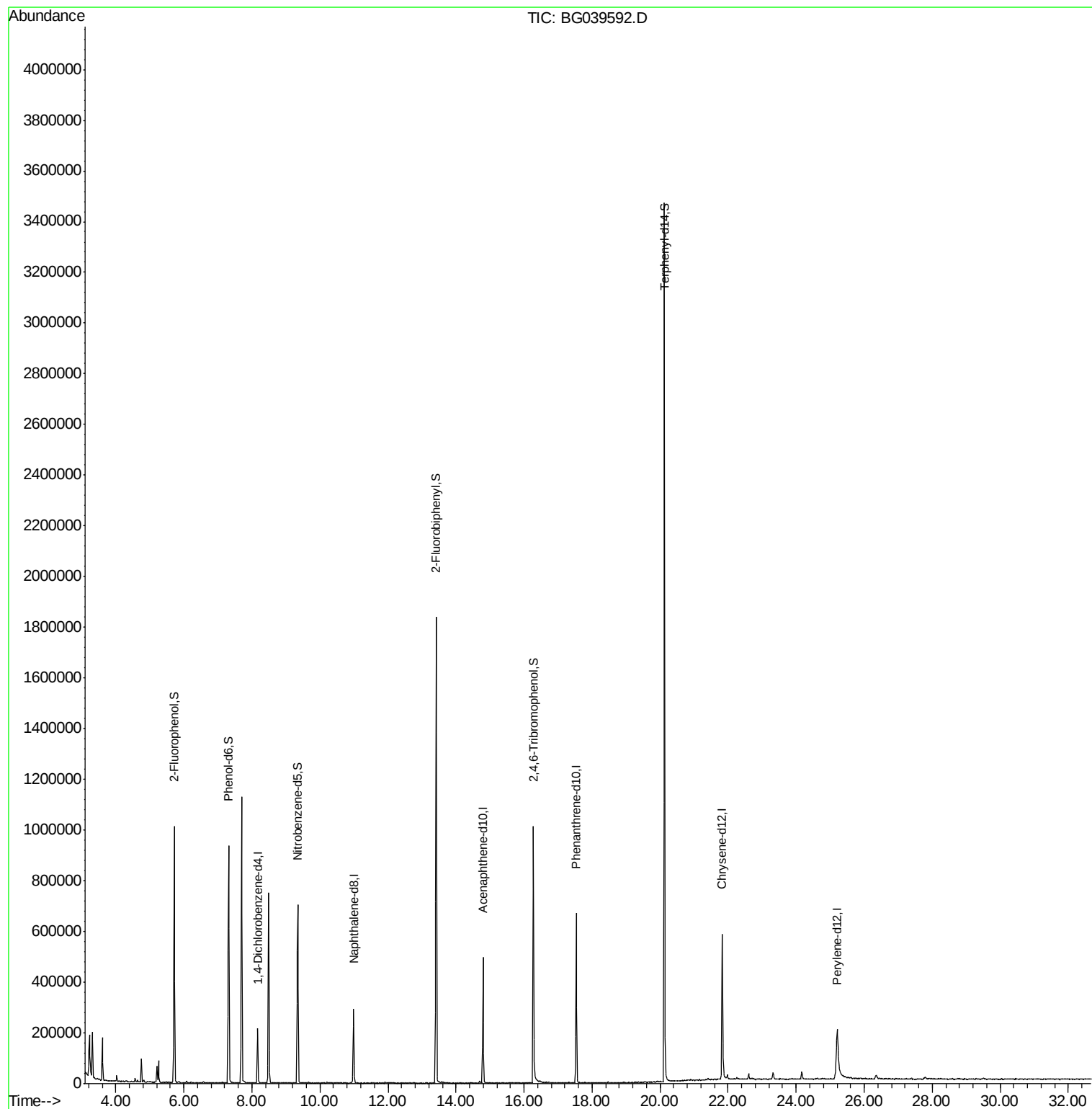
Target Compounds Qvalue

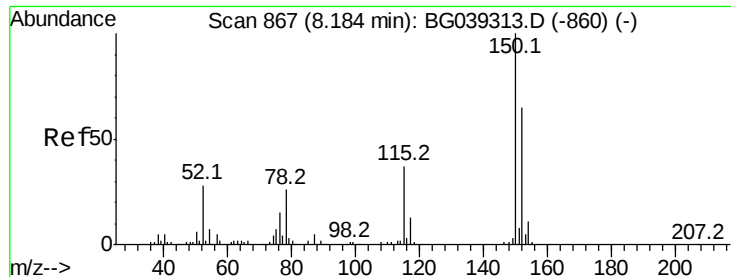
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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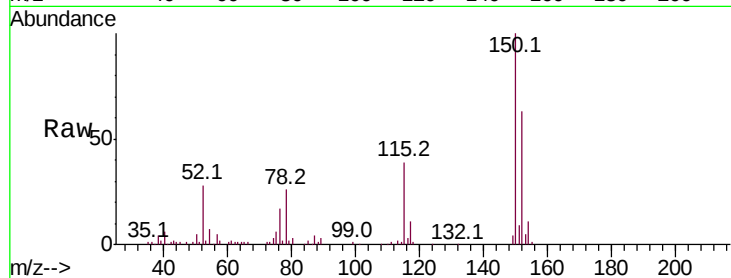


#1

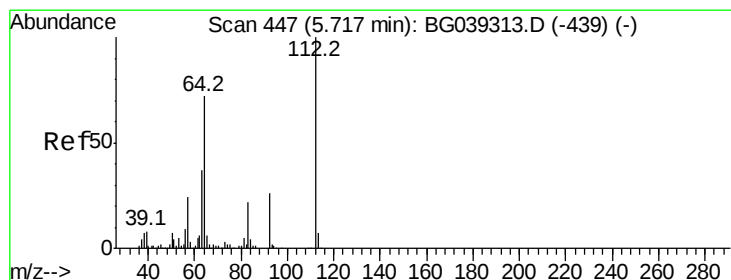
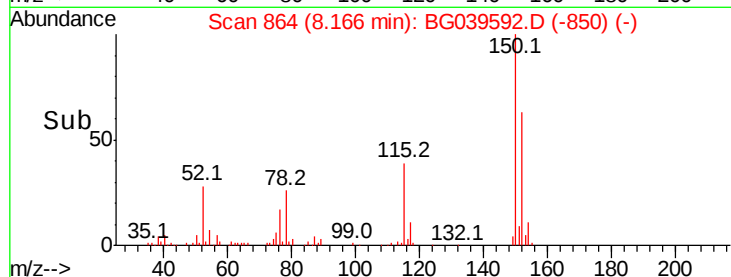
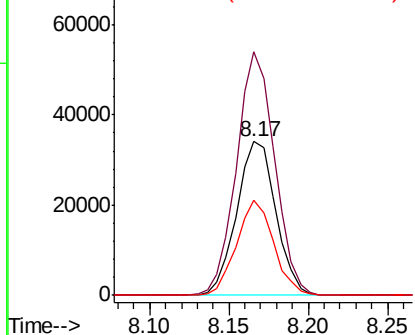
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Instrument :
BNA_G
ClientSampleId :
M-1

Tot Ion:152 Resp: 58569
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 61.7 45.9 68.9



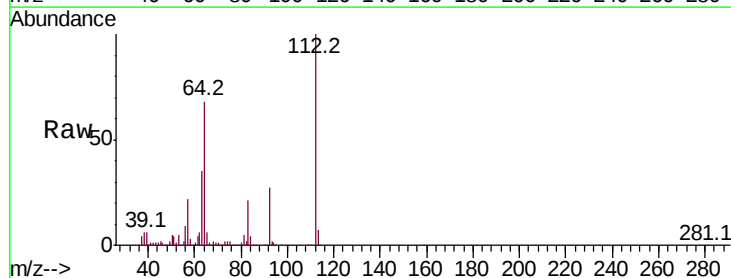
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



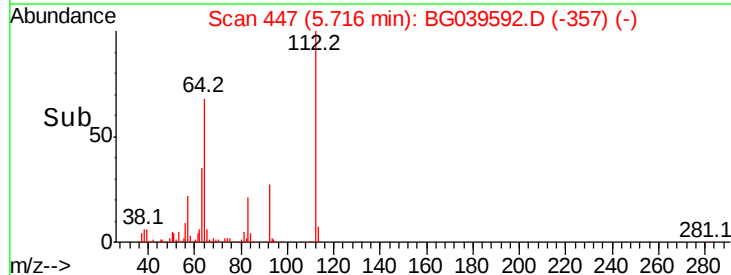
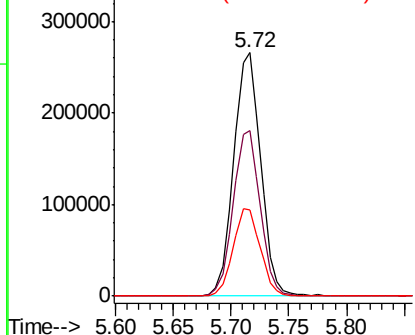
#5

2-Fluorophenol
Concen: 126.019 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039592.D
Acq: 25 Feb 2019 18:32

Tgt Ion:112 Resp: 431246
Ion Ratio Lower Upper
112 100
64 68.2 57.8 86.8
63 35.2 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: 109.967 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039592.D

Acq: 25 Feb 2019 18:32

Instrument :

BNA_G

ClientSampleId :

M-1

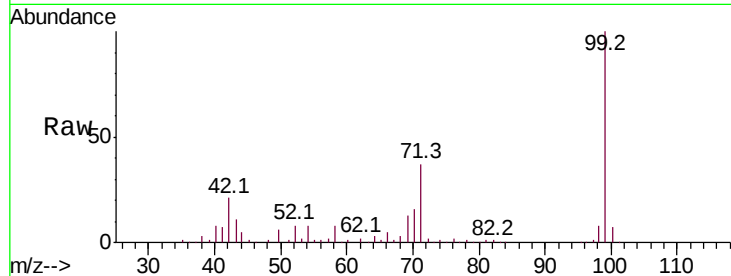
Tot Ion: 99 Resp: 553925

Ion Ratio Lower Upper

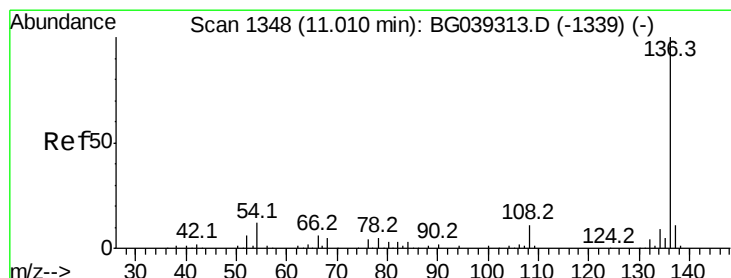
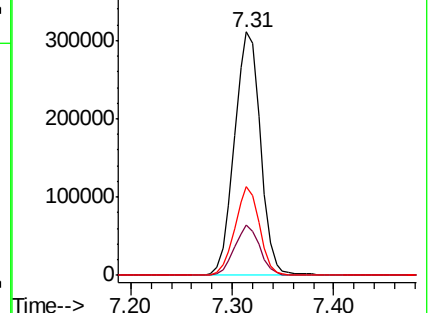
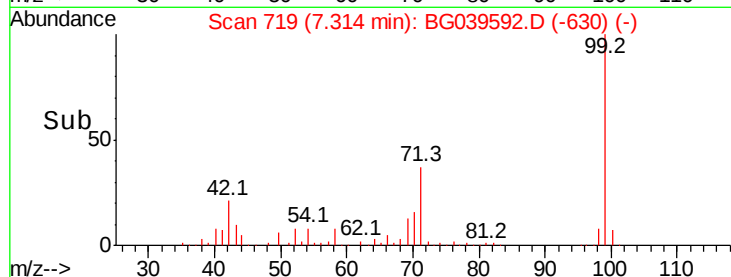
99 100

42 20.7 18.2 27.2

71 36.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG039592.D

Acq: 25 Feb 2019 18:32

Tgt Ion: 136 Resp: 254895

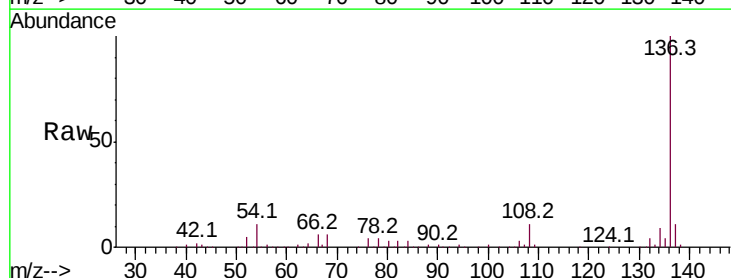
Ion Ratio Lower Upper

136 100

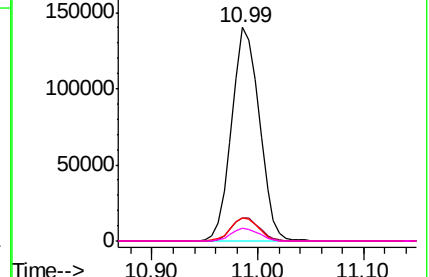
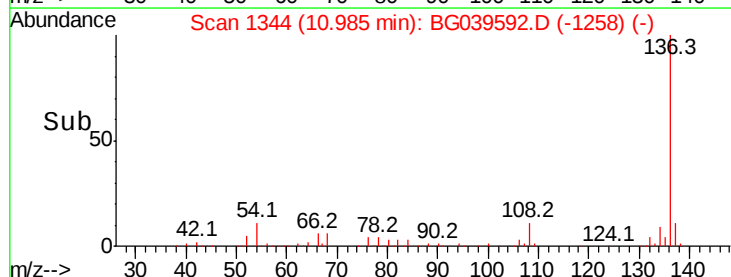
137 11.1 9.1 13.7

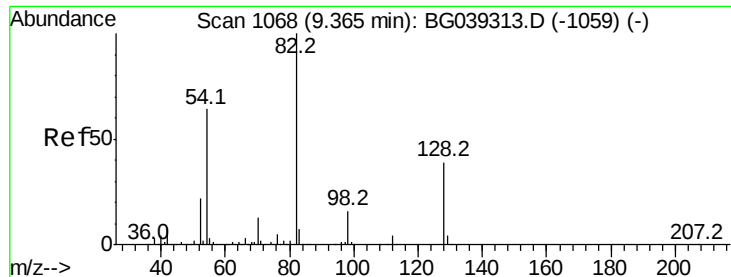
54 11.0 9.4 14.2

68 5.9 4.2 6.4



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

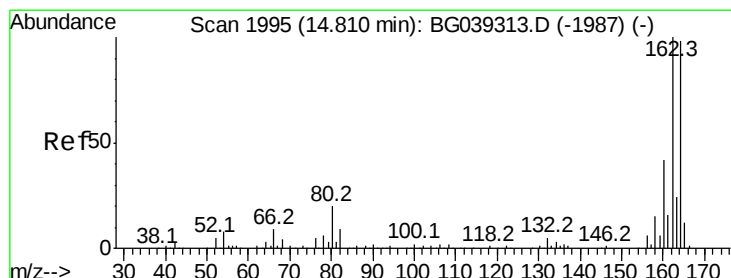
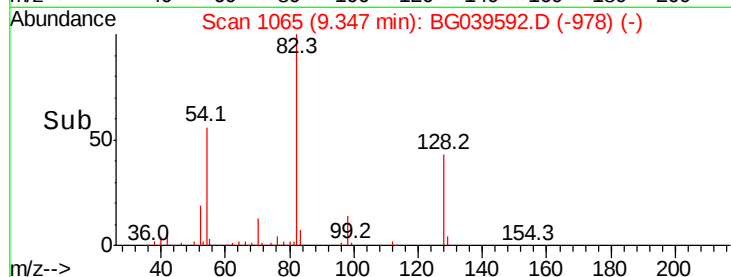
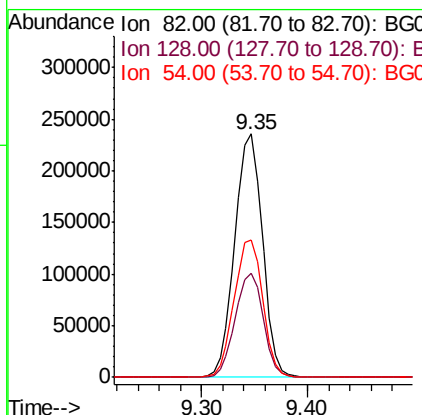
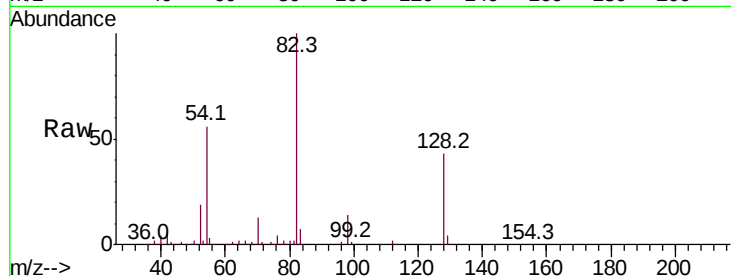




#23
 Nitrobenzene-d5
 Concen: 105.247 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039592.D
 Acq: 25 Feb 2019 18:32

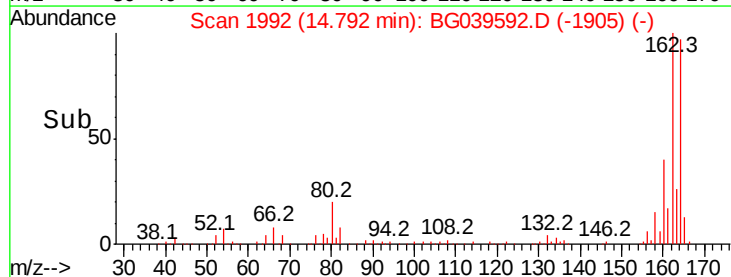
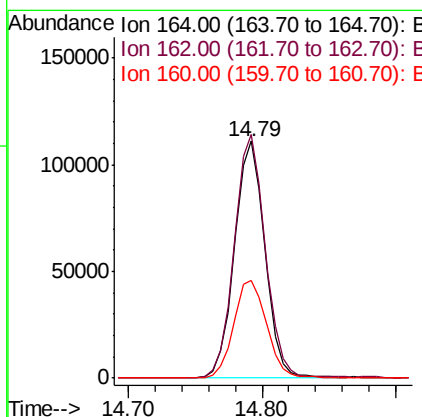
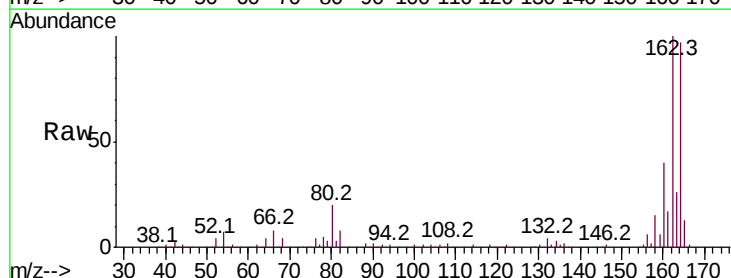
Instrument :
 BNA_G
 ClientSampleId :
 M-1

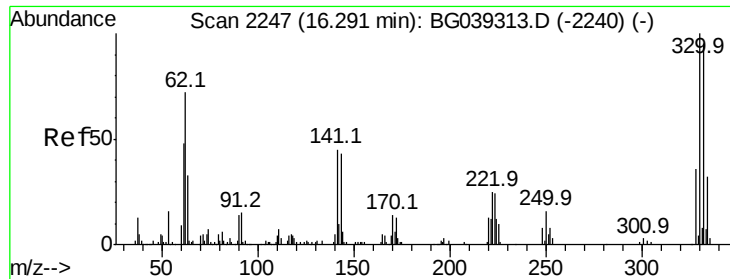
Tot Ion	82	Resp	429428
Ion Ratio	Lower	Upper	
82	100		
128	42.9	31.3	46.9
54	56.2	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039592.D
 Acq: 25 Feb 2019 18:32

Tgt Ion	164	Resp	175640
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.6	122.4
160	41.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 105.830 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039592.D

Acq: 25 Feb 2019 18:32

Instrument :

BNA_G

ClientSampleId :

M-1

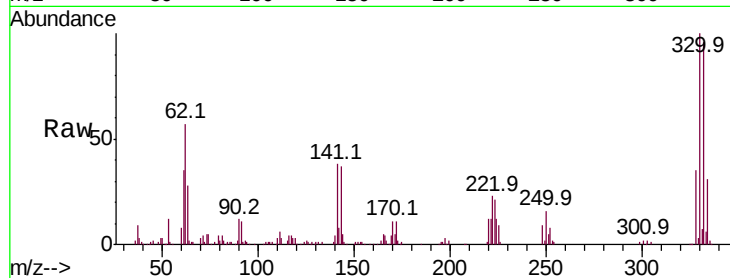
Tot Ion:330 Resp: 200160

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

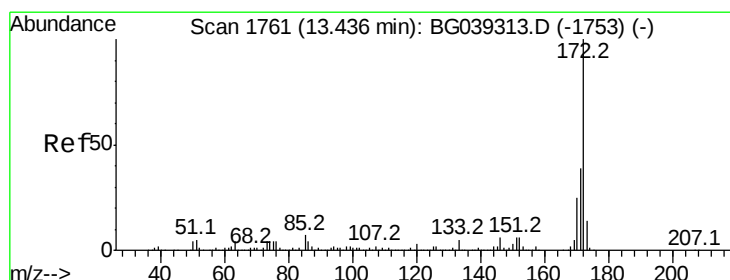
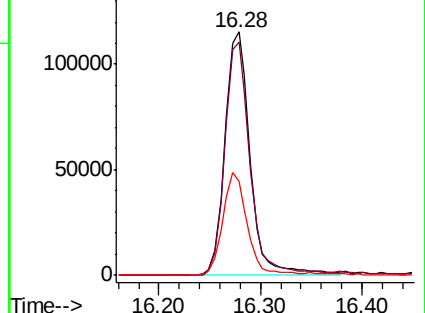
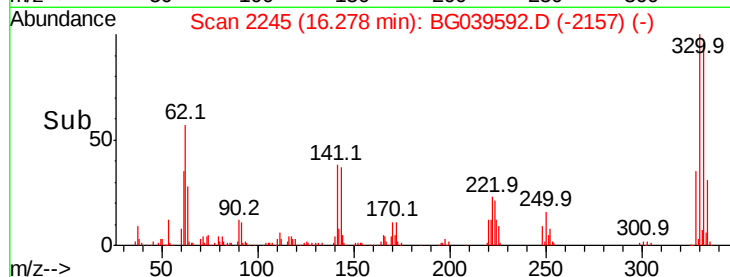
141 41.6 35.6 53.4



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: 82.756 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039592.D

Acq: 25 Feb 2019 18:32

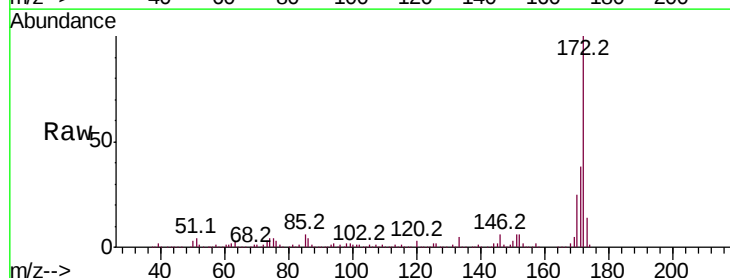
Tgt Ion:172 Resp: 1013222

Ion Ratio Lower Upper

172 100

171 38.1 30.8 46.2

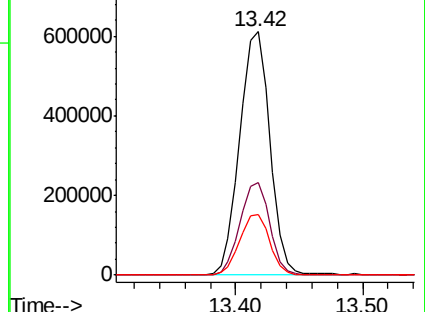
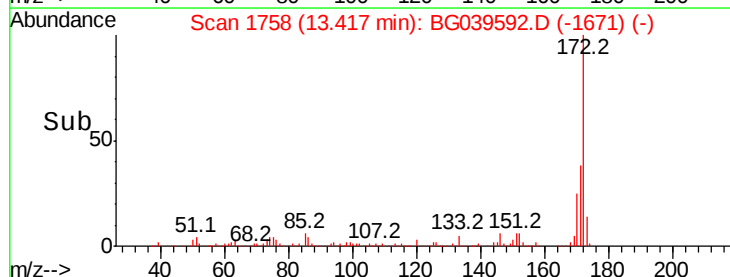
170 25.0 20.2 30.4

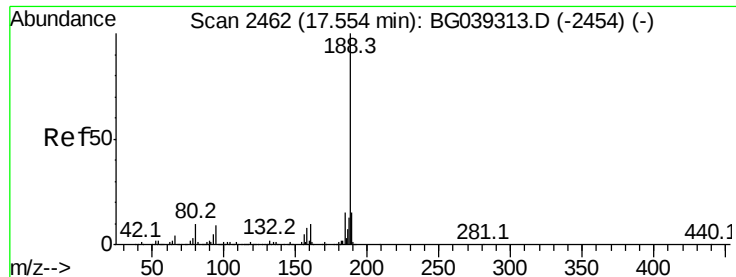


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039592.D

Acq: 25 Feb 2019 18:32

Instrument :

BNA_G

ClientSampleId :

M-1

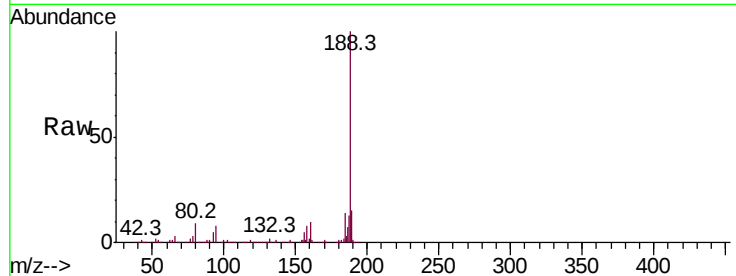
Tot Ion:188 Resp: 425718

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

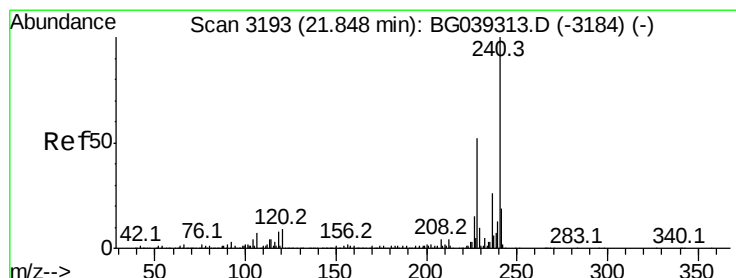
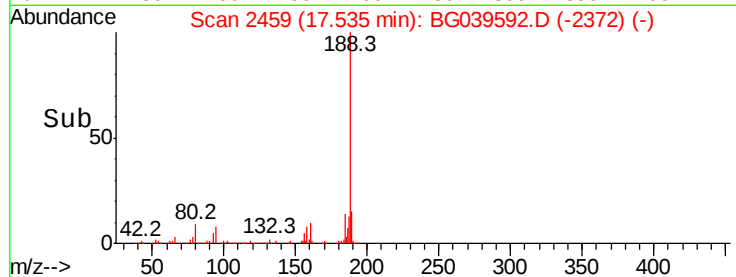
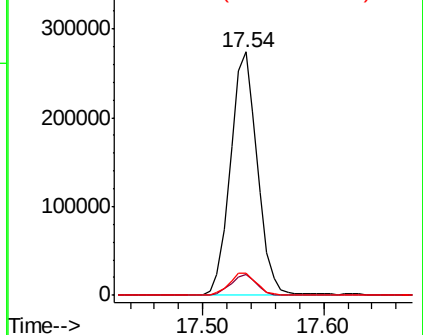
80 8.9 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039592.D

Acq: 25 Feb 2019 18:32

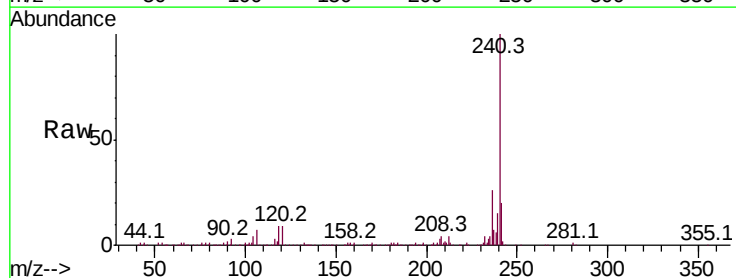
Tgt Ion:240 Resp: 423953

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

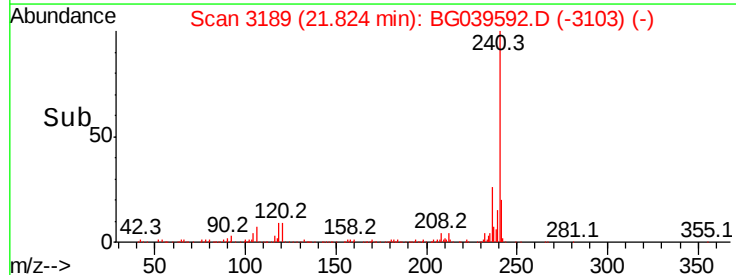
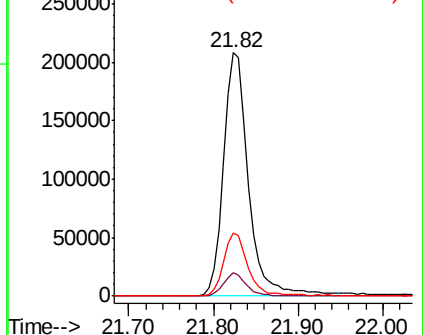
236 26.1 21.0 31.4

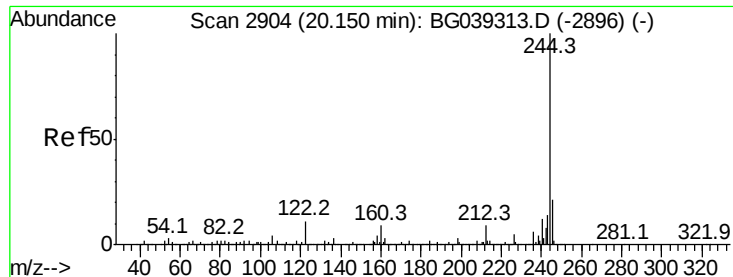


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



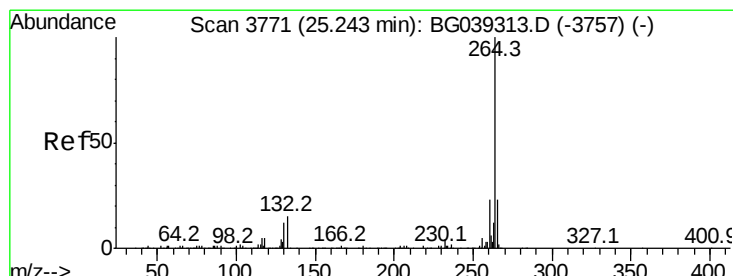
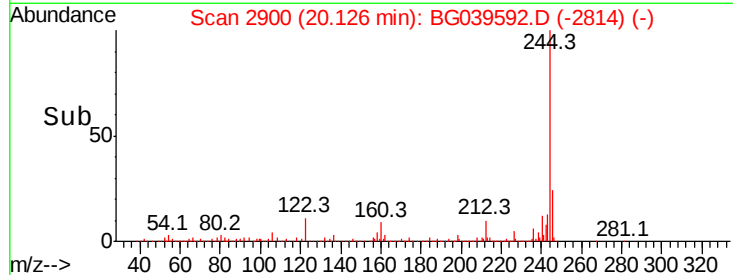
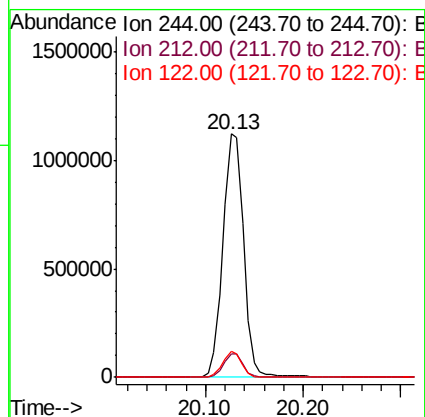
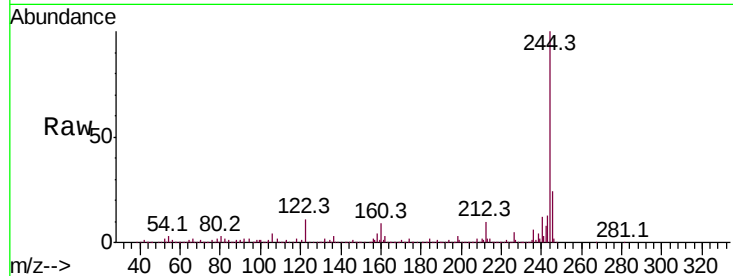


#79
 Terphenyl-d14
 Concen: 82.475 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039592.D
 Acq: 25 Feb 2019 18:32

Instrument :
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 ClientSampleId :
 M-1

Tot Ion:244 Resp: 1651907

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.7	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039592.D
 Acq: 25 Feb 2019 18:32

Tgt Ion:264 Resp: 343649

Ion	Ratio	Lower	Upper
264	100		
260	20.3	18.2	27.4
265	21.2	18.5	27.7

