

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039702.D
 Acq On : 2 Mar 2019 00:54
 Operator : JU/SJ
 Sample : K1675-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-11-A

Quant Time: Mar 02 03:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53851	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	226510	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	148970	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	344993	20.00	ng	0.00
76) Chrysene-d12	21.82	240	365791	20.00	ng	-0.01
87) Perylene-d12	25.20	264	341692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	423199	134.50	ng	0.00
7) Phenol-d6	7.31	99	550478	118.86	ng	0.00
23) Nitrobenzene-d5	9.34	82	401934	110.85	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	211431	131.80	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	897867	86.46	ng	0.00
79) Terphenyl-d14	20.13	244	1468535	84.98	ng	0.00

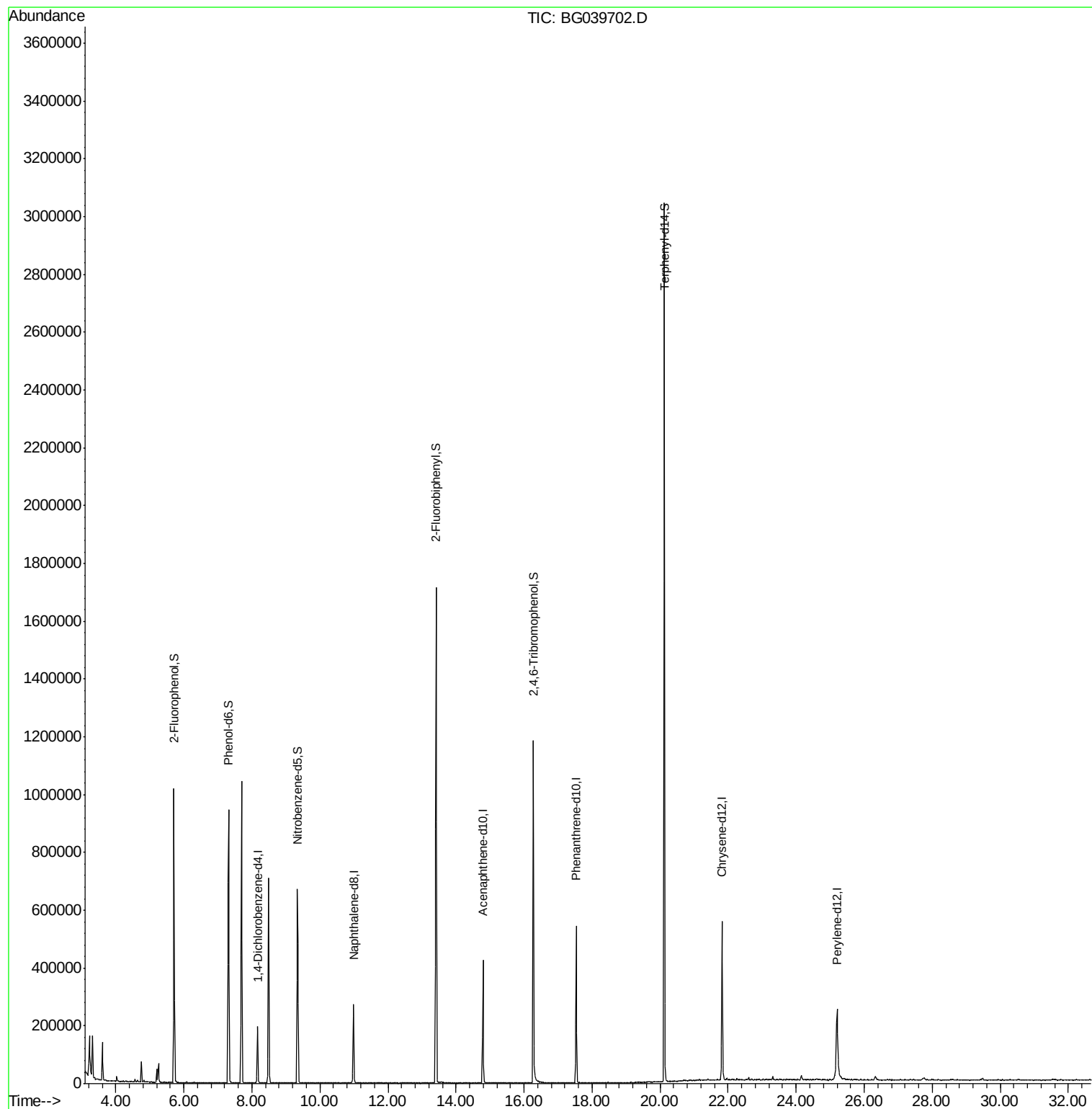
Target Compounds Qvalue

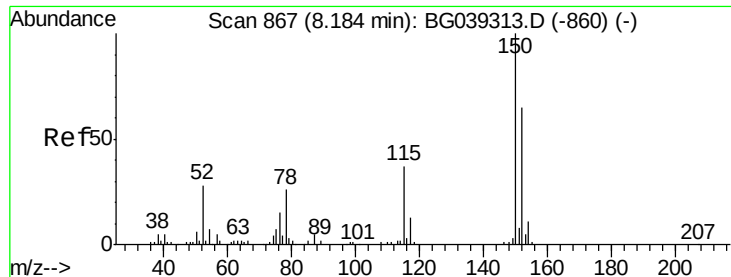
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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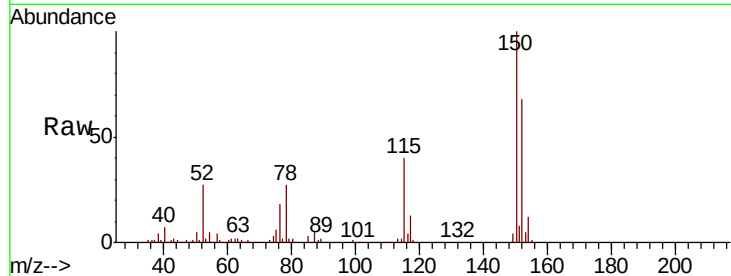


#1

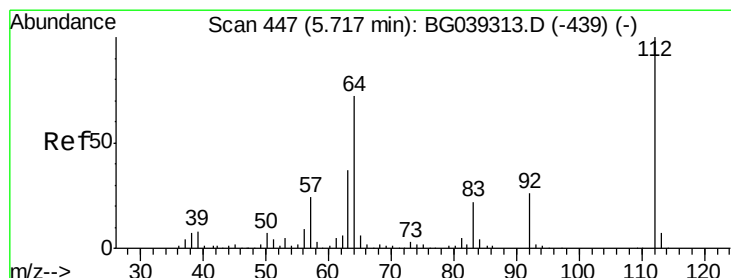
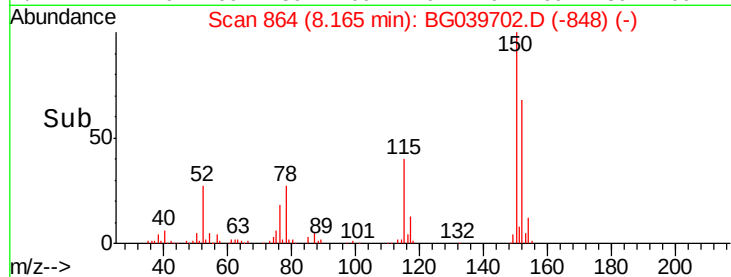
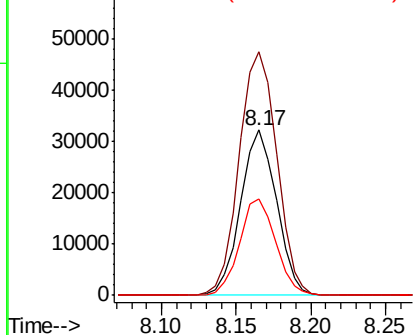
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039702.D
Acq: 2 Mar 2019 00:54

Instrument :
BNA_G
ClientSampleId :
Z-3-11-A

Tot Ion:152 Resp: 53851
Ion Ratio Lower Upper
152 100
150 147.3 123.7 185.5
115 58.6 45.9 68.9



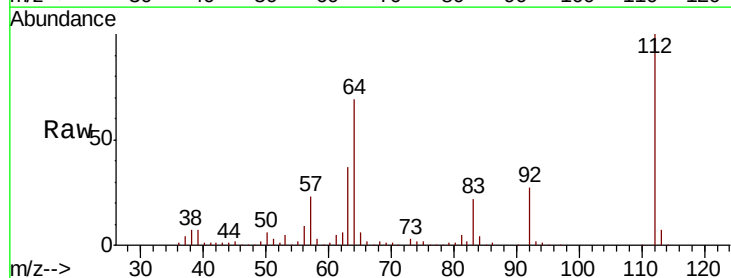
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



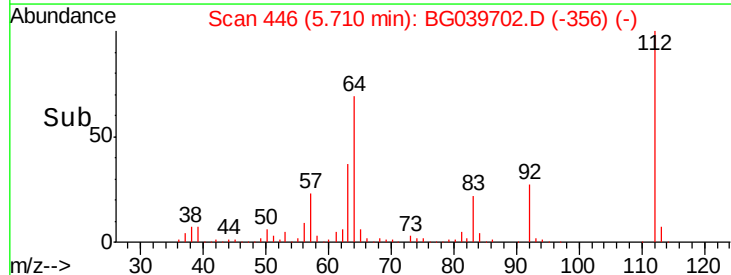
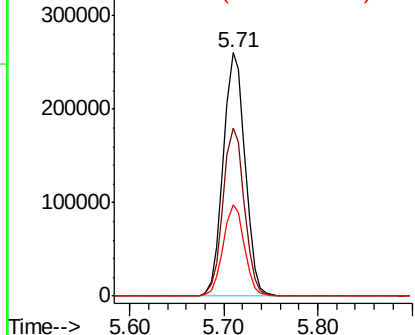
#5

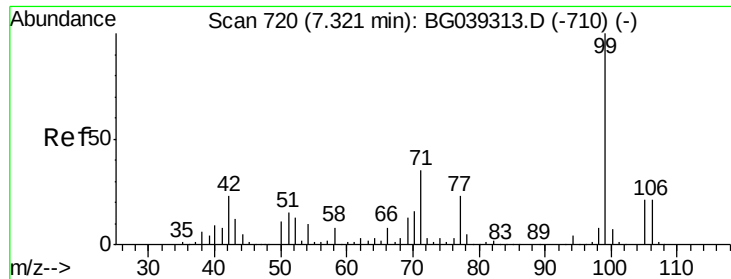
2-Fluorophenol
Concen: 134.502 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039702.D
Acq: 2 Mar 2019 00:54

Tgt Ion:112 Resp: 423199
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 37.3 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: 118.857 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

Instrument :

BNA_G

ClientSampleId :

Z-3-11-A

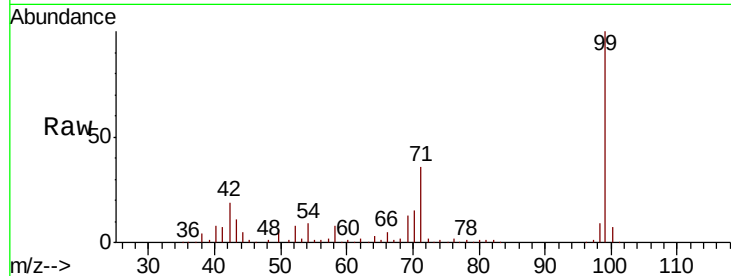
Tot Ion: 99 Resp: 550478

Ion Ratio Lower Upper

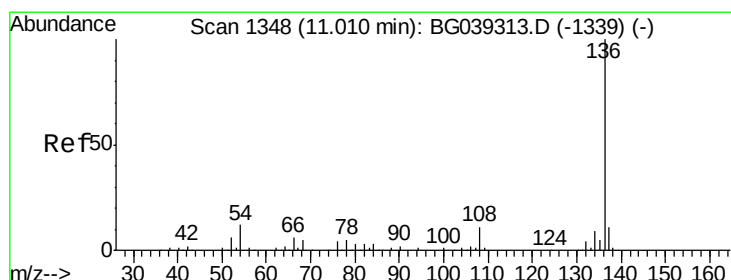
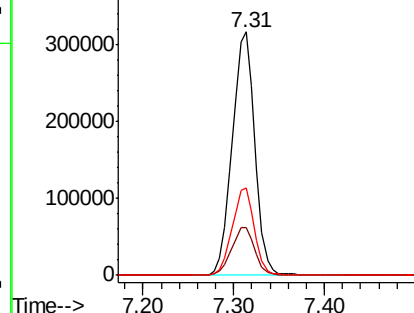
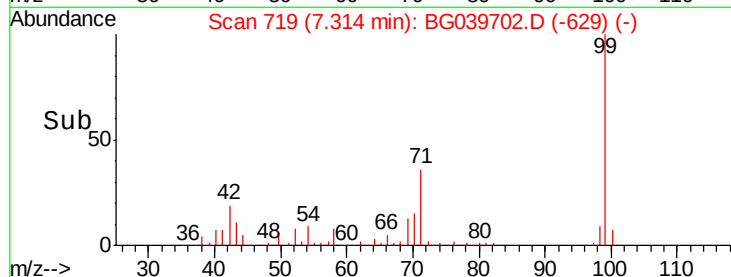
99 100

42 19.4 18.2 27.2

71 35.7 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. -0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

Tgt Ion: 136 Resp: 226510

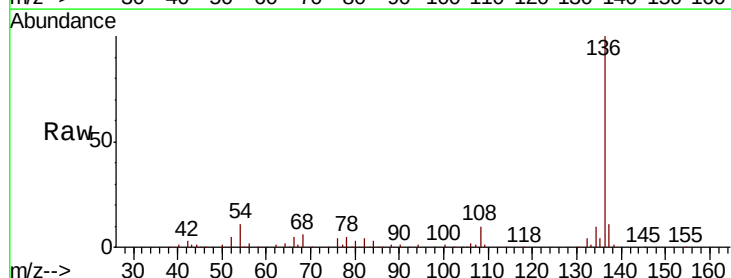
Ion Ratio Lower Upper

136 100

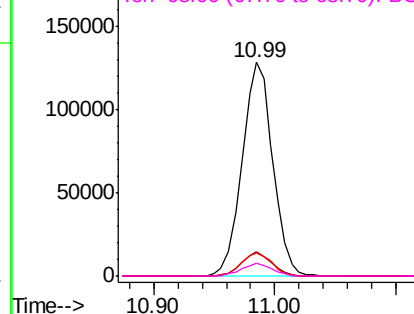
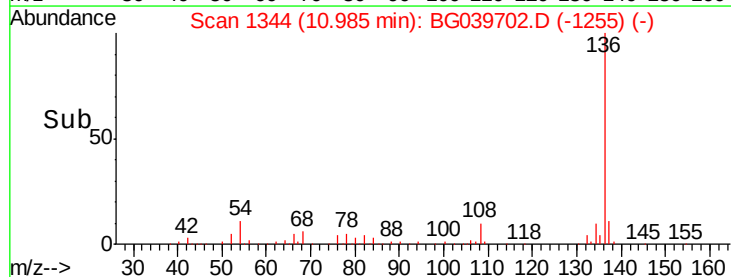
137 11.4 9.1 13.7

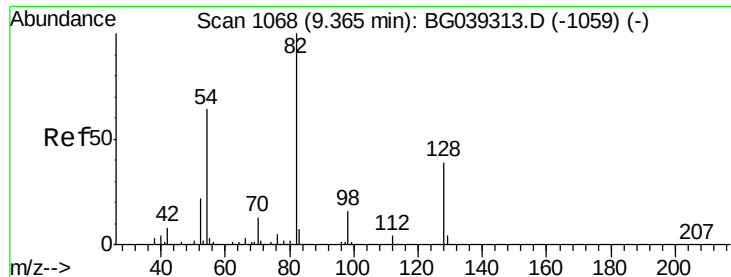
54 10.7 9.4 14.2

68 5.8 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

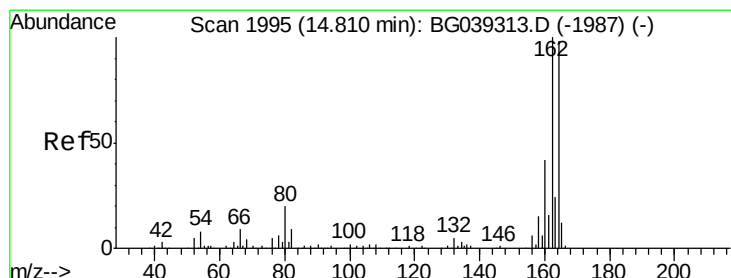
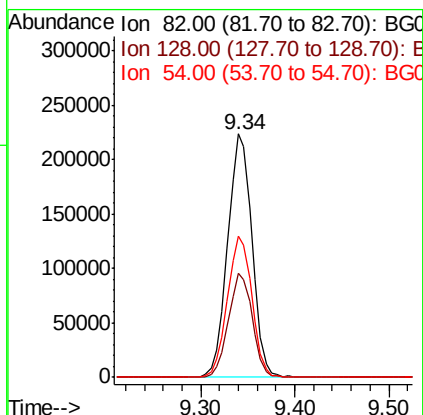
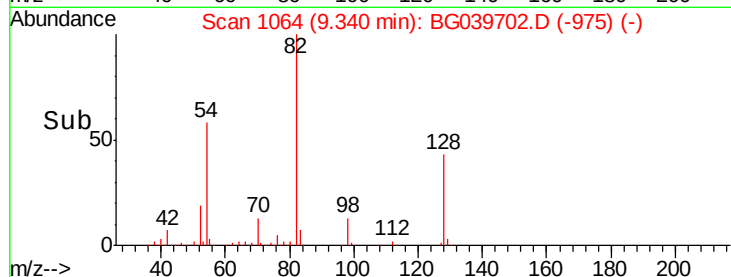
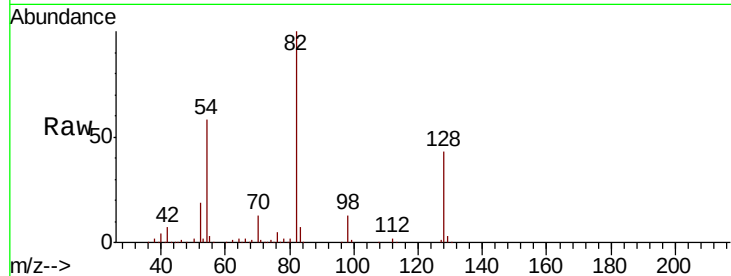




#23
Nitrobenzene-d5
Concen: 110.854 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039702.D
Acq: 2 Mar 2019 00:54

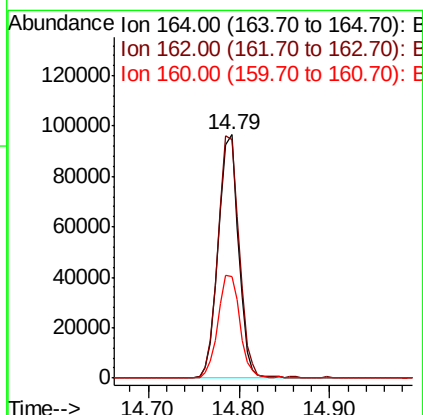
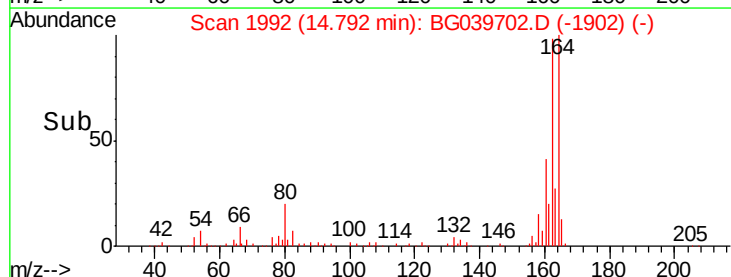
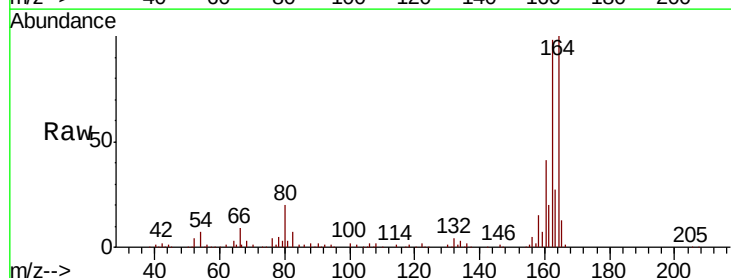
Instrument :
BNA_G
ClientSampleId :
Z-3-11-A

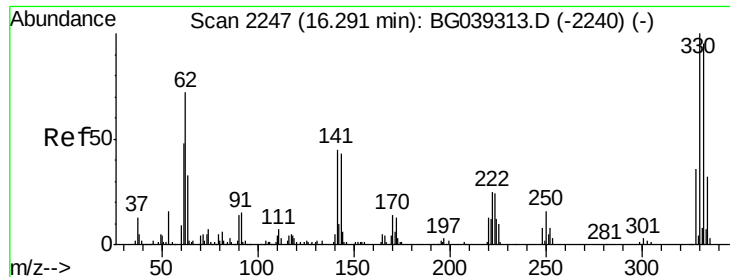
Tot Ion	82	Resp	401934
Ion Ratio	100		
Lower		31.3	
Upper		46.9	
128	42.6		
54	58.1		
		50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG039702.D
Acq: 2 Mar 2019 00:54

Tgt Ion	164	Resp	148970
Ion Ratio	100		
Lower		81.6	
Upper		122.4	
162	97.8		
160	41.5		
		34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 131.802 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

Instrument :

BNA_G

ClientSampleId :

Z-3-11-A

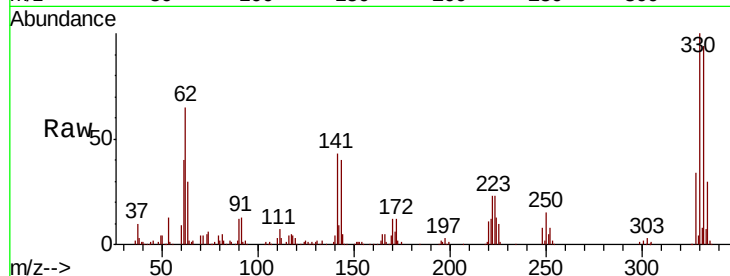
Tot Ion:330 Resp: 211431

Ion Ratio Lower Upper

330 100

332 98.4 75.7 113.5

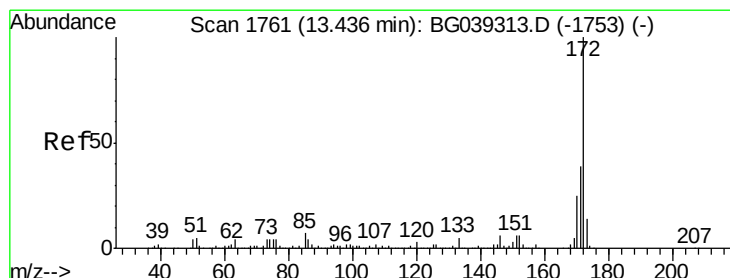
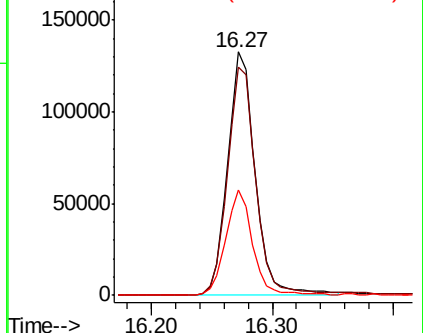
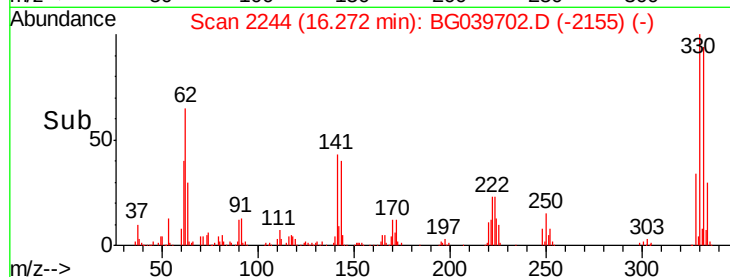
141 41.8 35.6 53.4



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: 86.463 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

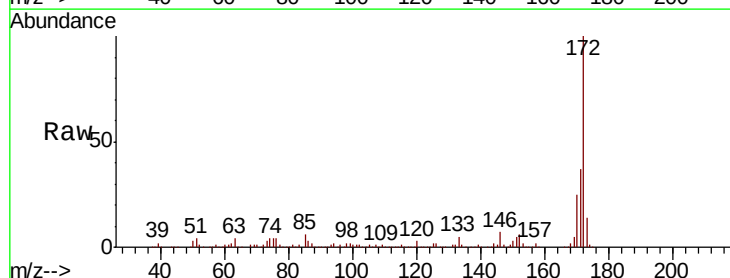
Tgt Ion:172 Resp: 897867

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

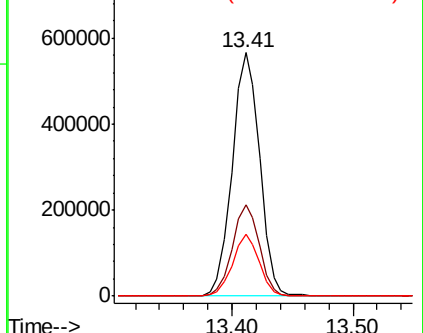
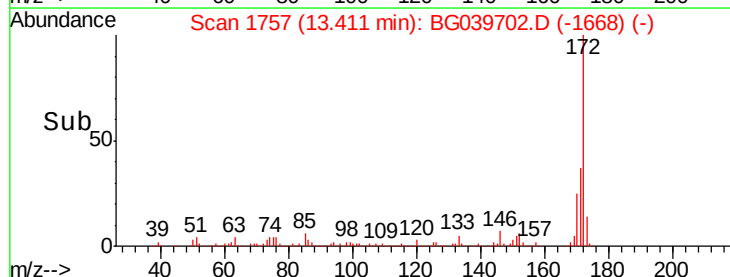
170 25.2 20.2 30.4

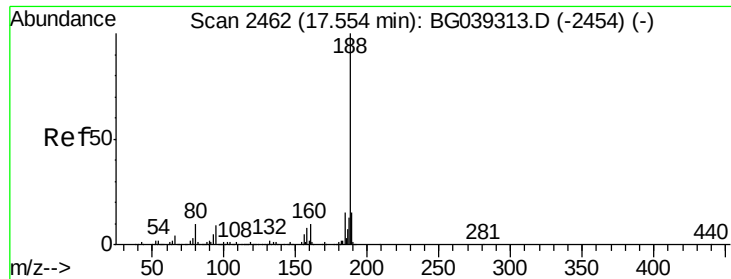


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

Instrument :

BNA_G

ClientSampleId :

Z-3-11-A

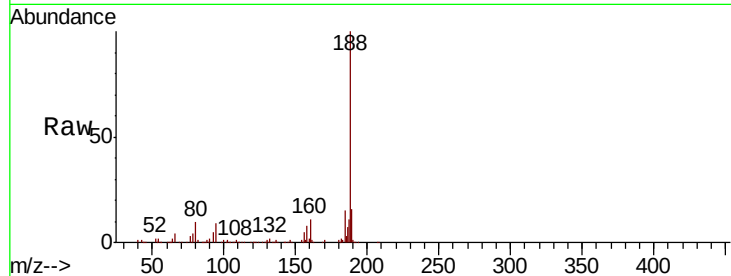
Tot Ion:188 Resp: 344993

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

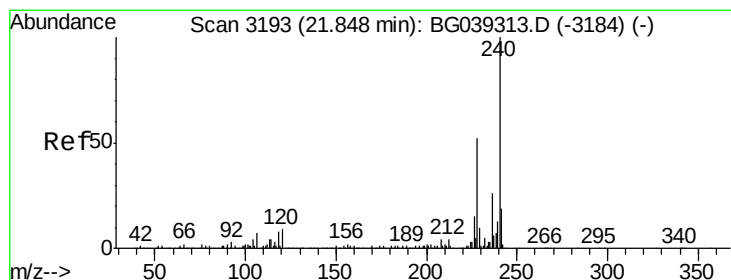
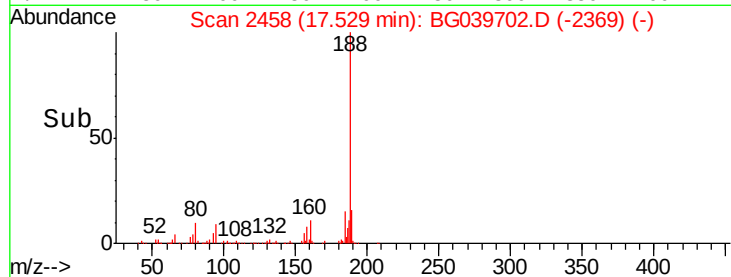
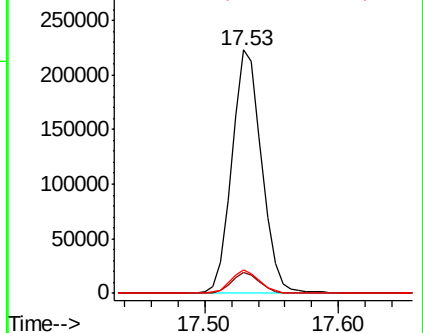
80 9.5 8.1 12.1



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# 3188

Delta R.T. -0.01 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

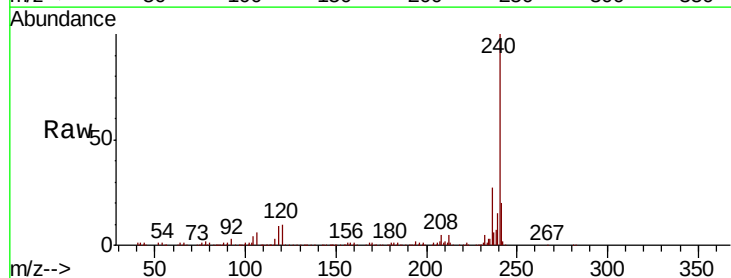
Tgt Ion:240 Resp: 365791

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

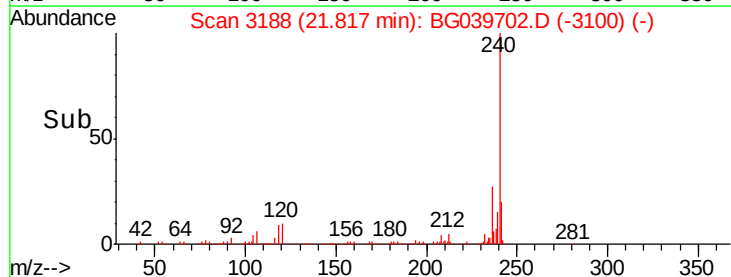
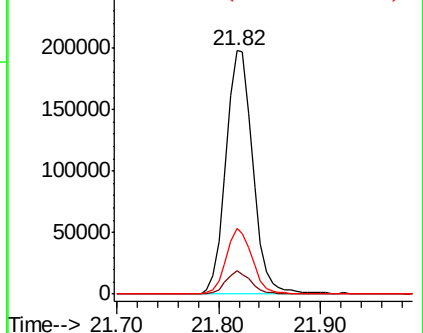
236 27.0 21.0 31.4

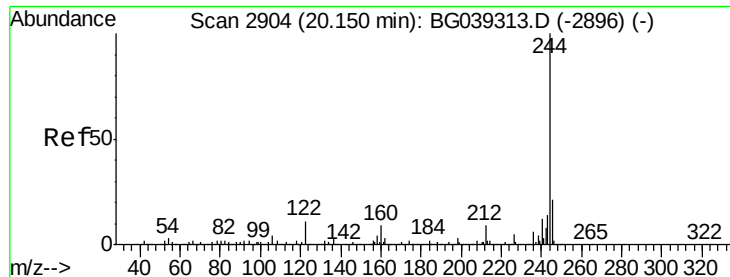


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.978 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

Instrument :

BNA_G

ClientSampleId :

Z-3-11-A

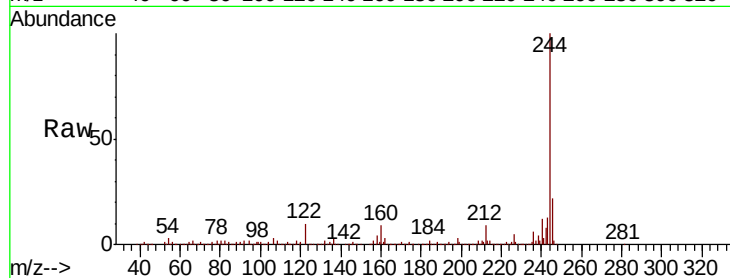
Tot Ion:244 Resp: 1468535

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

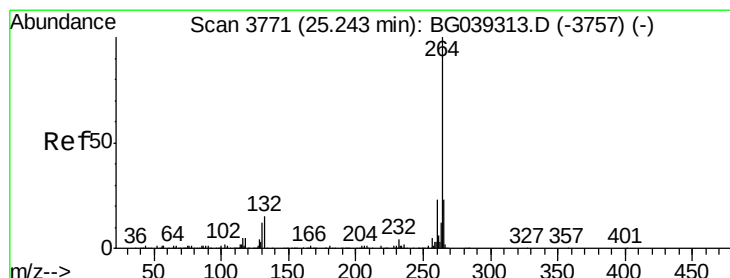
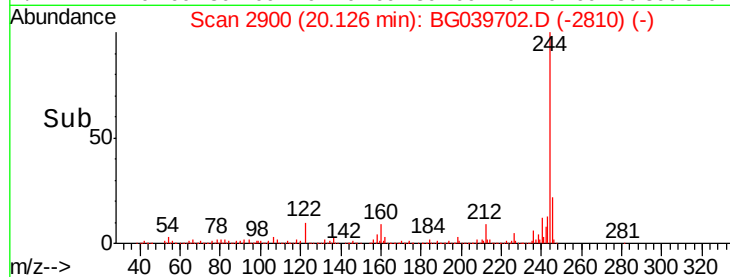
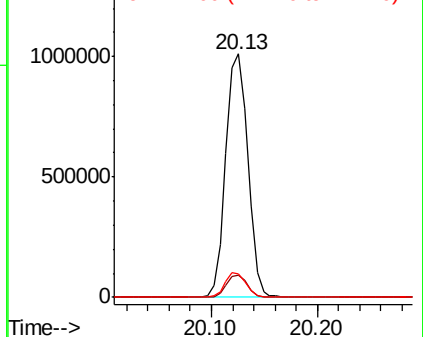
122 9.9 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3763

Delta R.T. -0.00 min

Lab File: BG039702.D

Acq: 2 Mar 2019 00:54

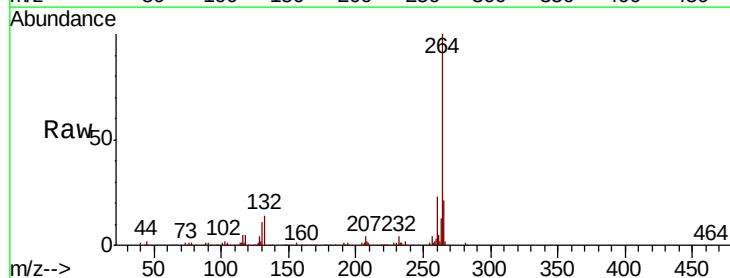
Tgt Ion:264 Resp: 341692

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

