

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039070.D
 Acq On : 11 Jan 2019 2:31
 Operator : JU/SJ
 Sample : PB116306TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116306TB

Quant Time: Jan 11 05:59:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18185	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	82866	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69440	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	216854	20.00	ng	0.00
76) Chrysene-d12	21.70	240	190397	20.00	ng	0.00
87) Perylene-d12	24.97	264	202161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	121937	127.20	ng	0.00
7) Phenol-d6	7.19	99	177983	129.01	ng	0.00
23) Nitrobenzene-d5	9.20	82	100125	66.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	114217	98.12	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	334640	65.95	ng	0.00
79) Terphenyl-d14	20.02	244	740902	71.99	ng	0.00

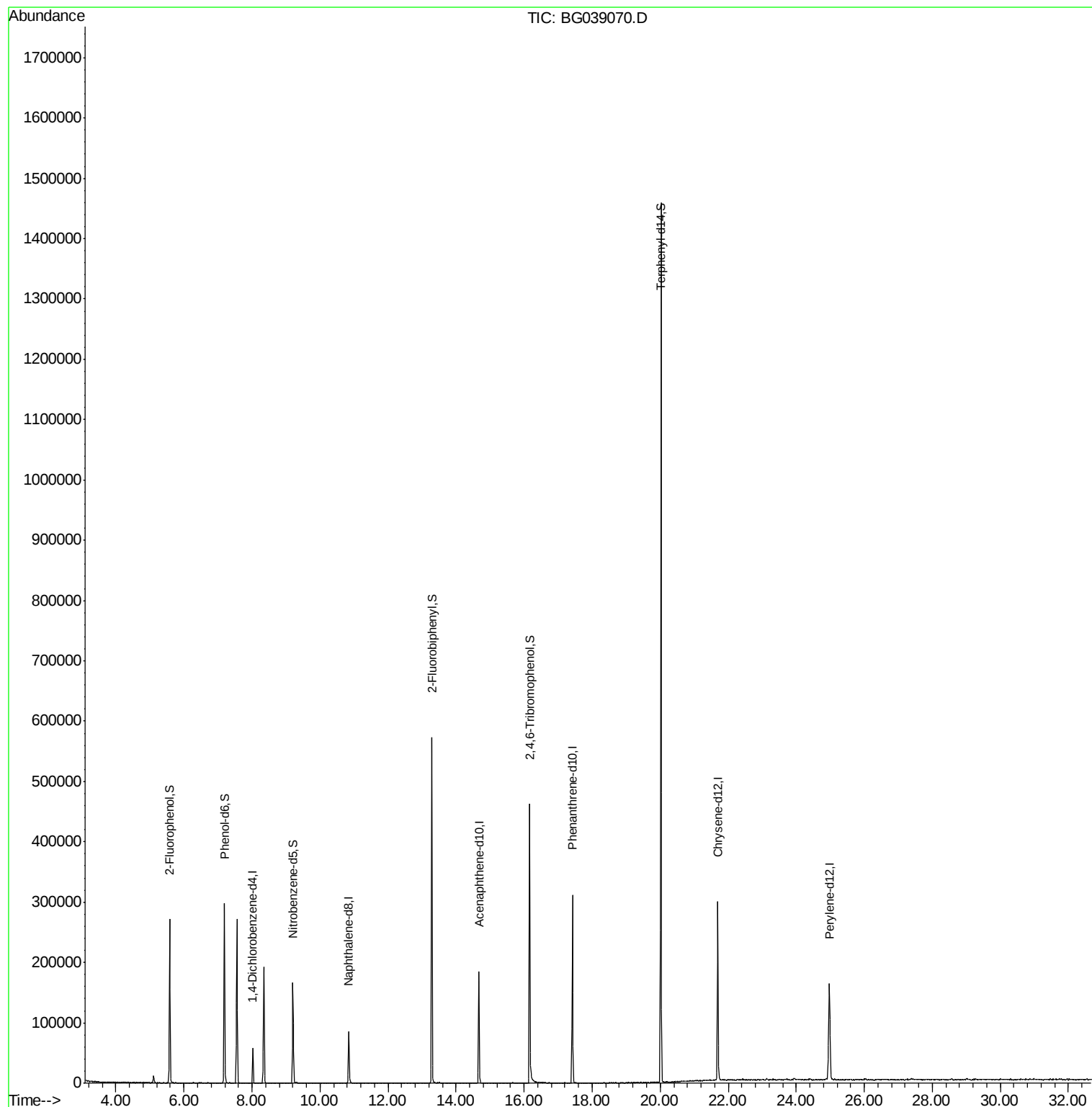
Target Compounds Qvalue

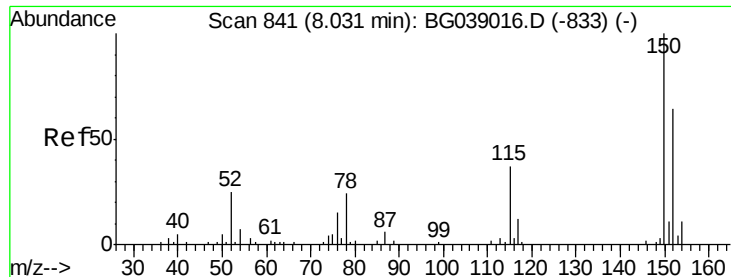
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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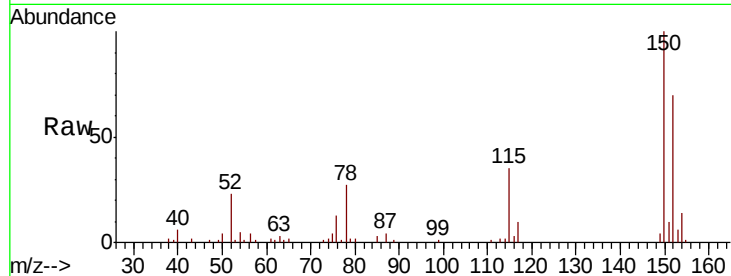


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Instrument :
BNA_G
ClientSampleId :
PB116306TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	124.7	187.1
115	50.5	46.5	69.7

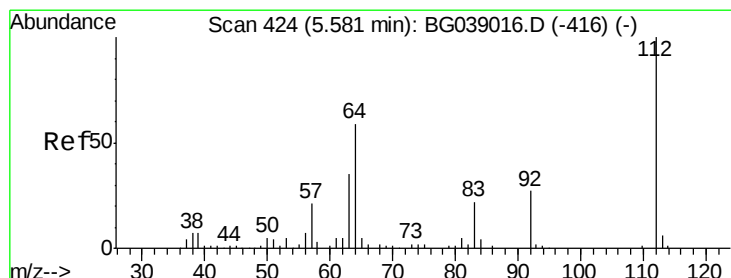
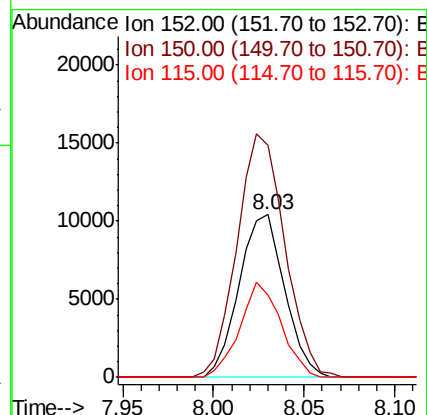
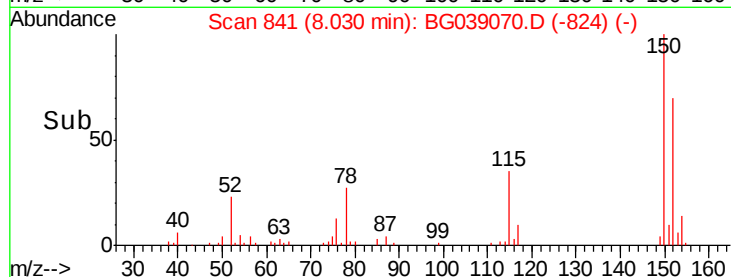


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

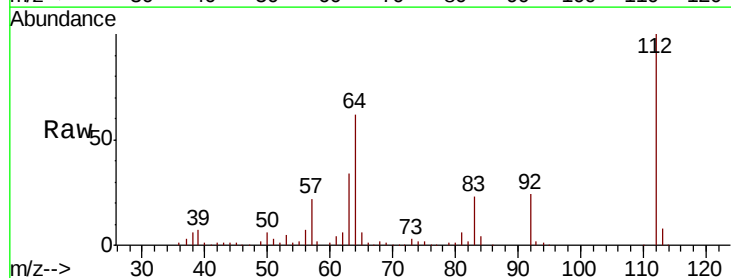
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.200 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.0	70.6
63	34.5	28.0	42.0

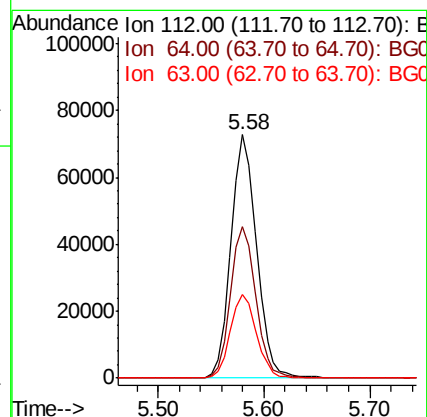
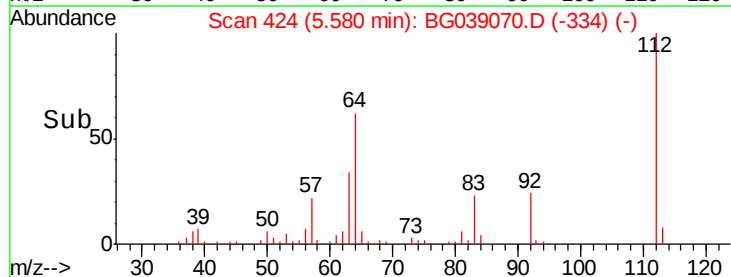


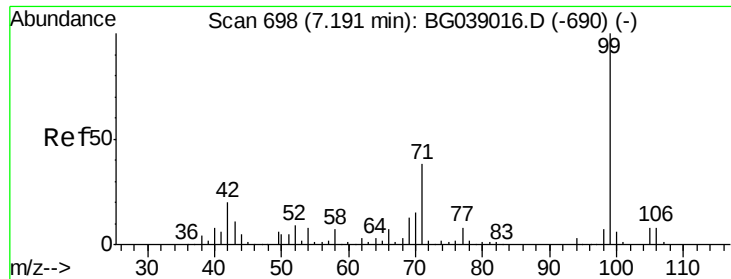
Abundance

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: 129.011 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Instrument :

BNA_G

ClientSampleId :

PB116306TB

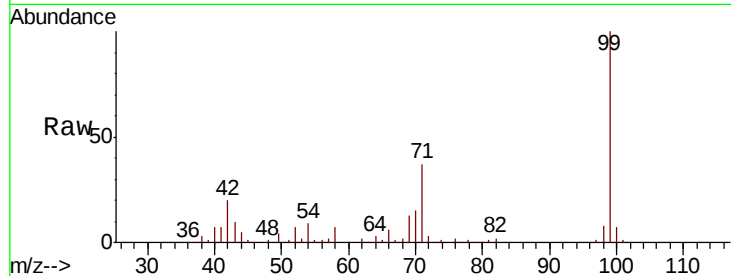
Tot Ion: 99 Resp: 177983

Ion Ratio Lower Upper

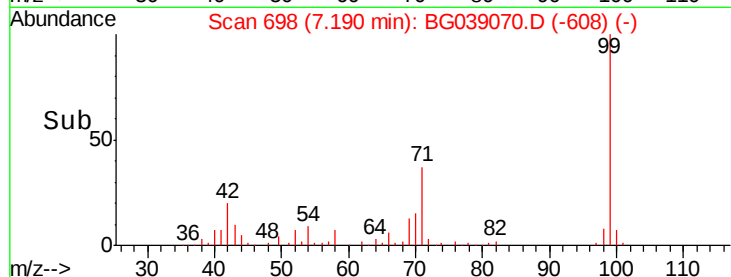
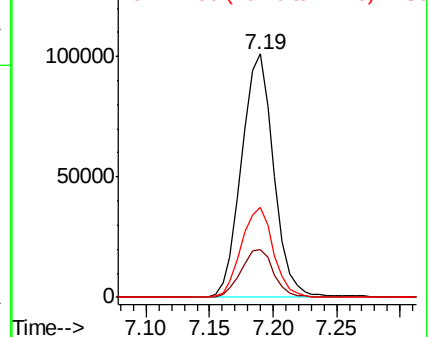
99 100

42 19.8 15.8 23.6

71 37.1 30.2 45.4



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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Tgt Ion: 136 Resp: 82866

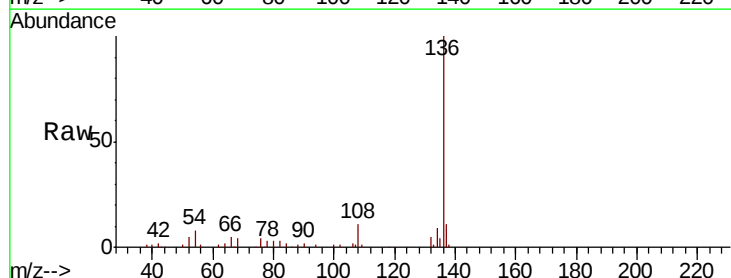
Ion Ratio Lower Upper

136 100

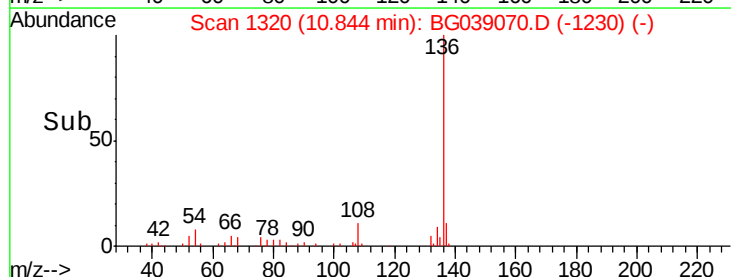
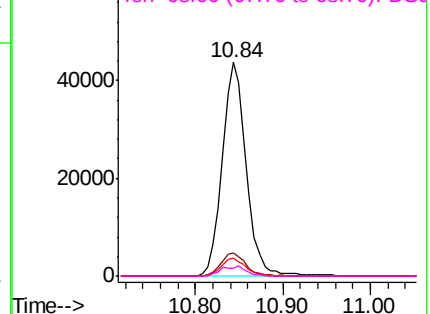
137 10.9 9.4 14.2

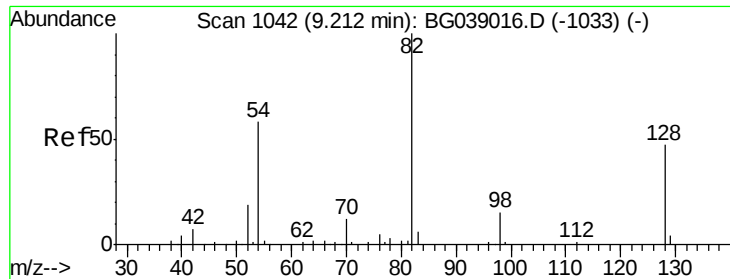
54 8.3 7.2 10.8

68 3.7 3.5 5.3



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

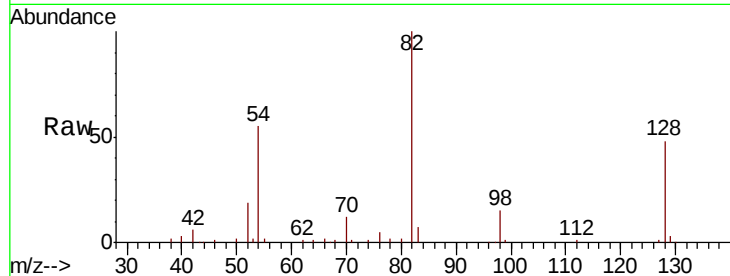




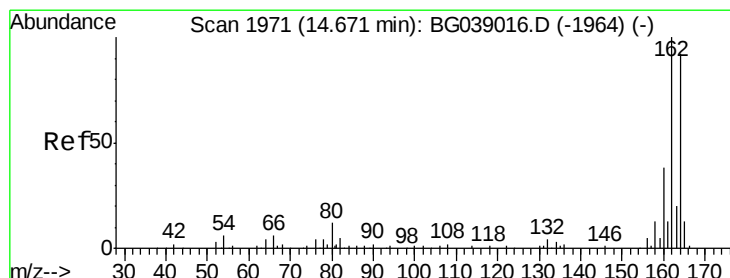
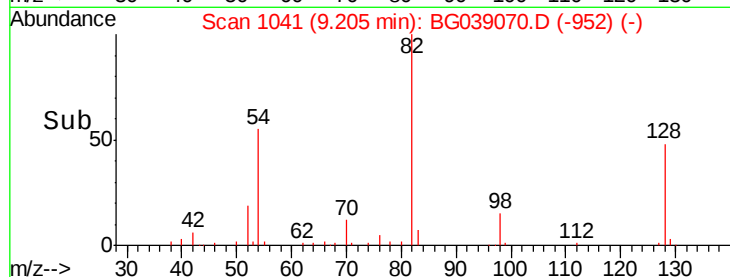
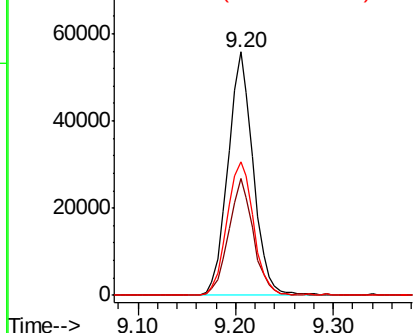
#23
 Nitrobenzene-d5
 Concen: 66.116 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

Instrument :
 BNA_G
 ClientSampleID :
 PB116306TB

Tot Ion	82.00	Resp	100125
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.3	55.9
54	54.9	46.4	69.6

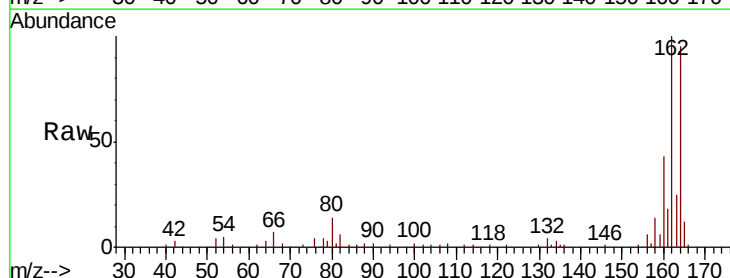


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

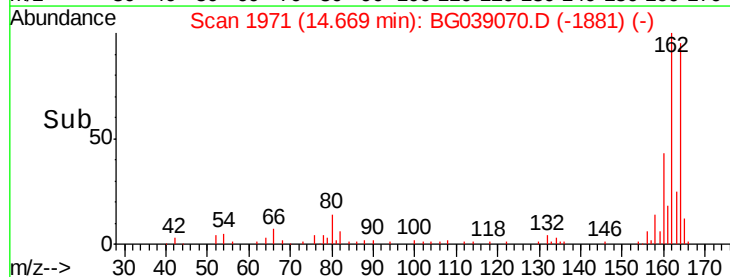
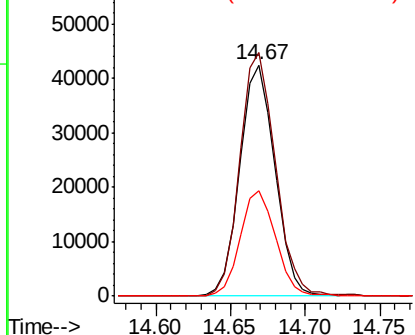


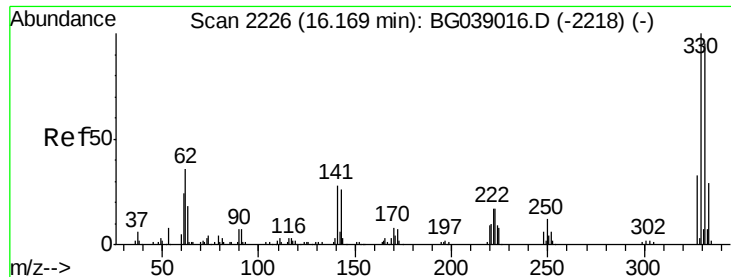
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

Tgt Ion	164.00	Resp	69440
Ion	Ratio	Lower	Upper
164	100		
162	105.2	87.2	130.8
160	45.7	33.3	49.9



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: 98.124 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Instrument :

BNA_G

ClientSampleId :

PB116306TB

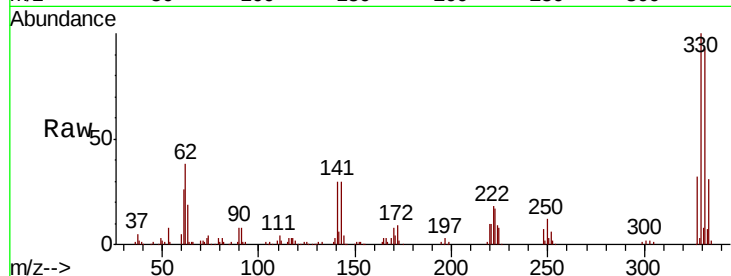
Tot Ion:330 Resp: 114217

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

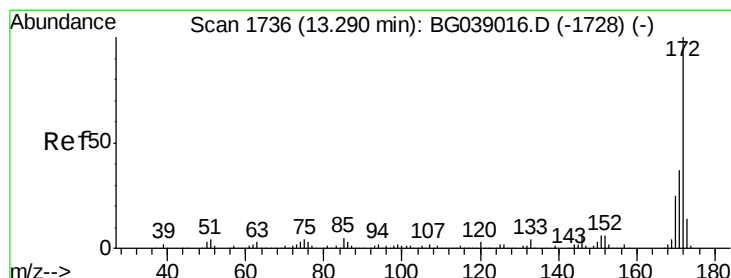
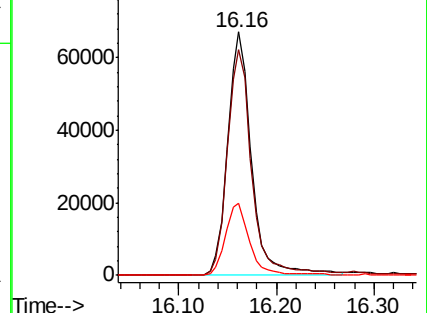
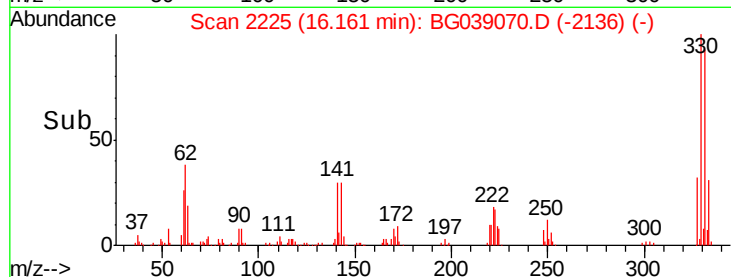
141 29.5 24.9 37.3



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: 65.953 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

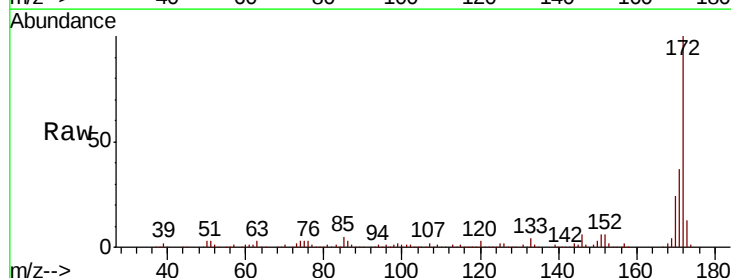
Tgt Ion:172 Resp: 334640

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

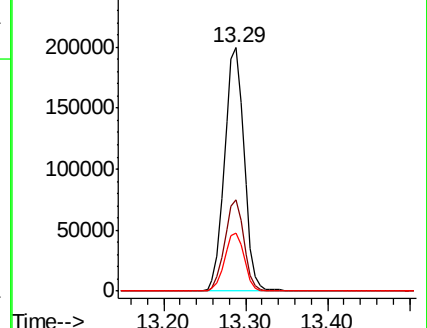
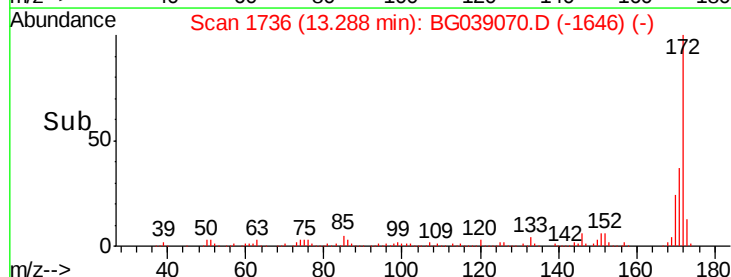
170 24.0 20.1 30.1



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

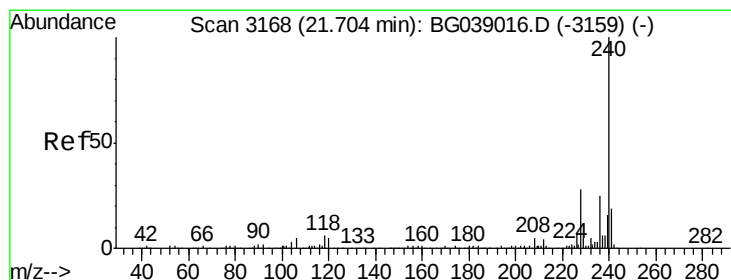
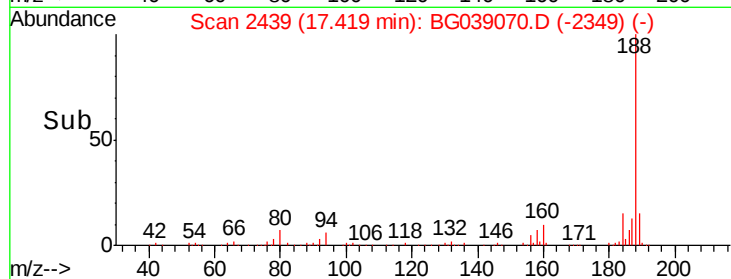
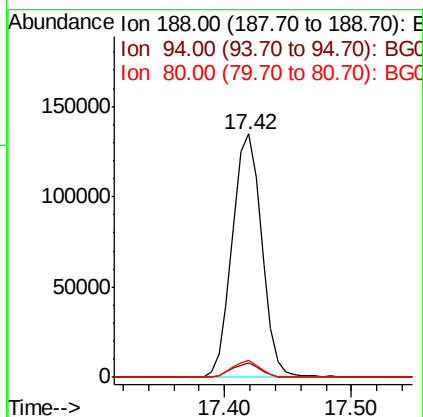
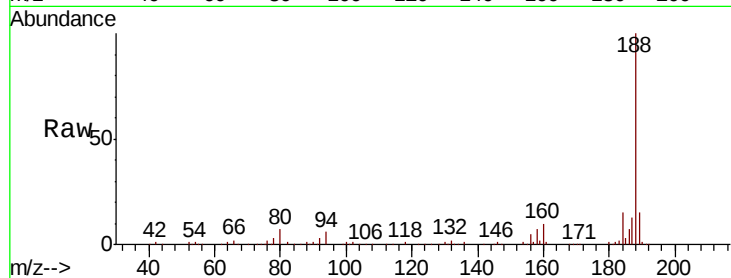




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

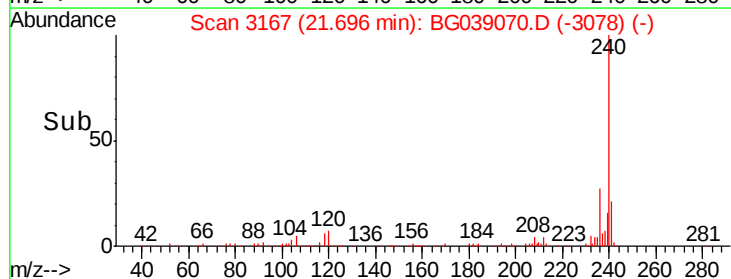
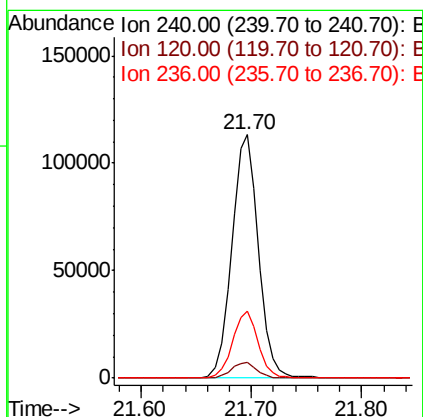
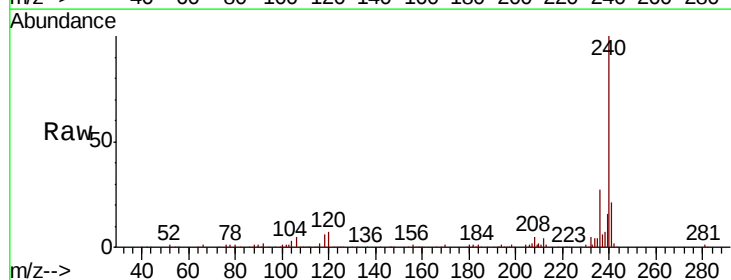
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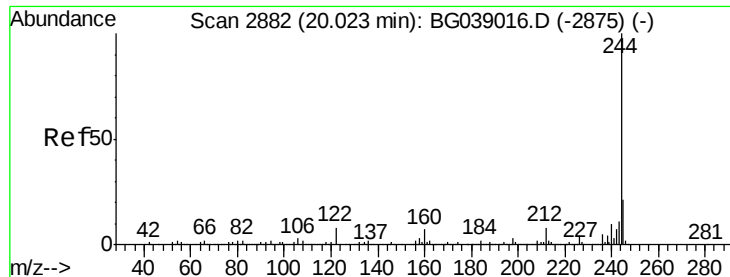
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	6.8	4.7	7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.3	6.5#
236	27.4	20.1	30.1





#79

Terphenyl-d14

Concen: 71.986 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Instrument :

BNA_G

ClientSampleId :

PB116306TB

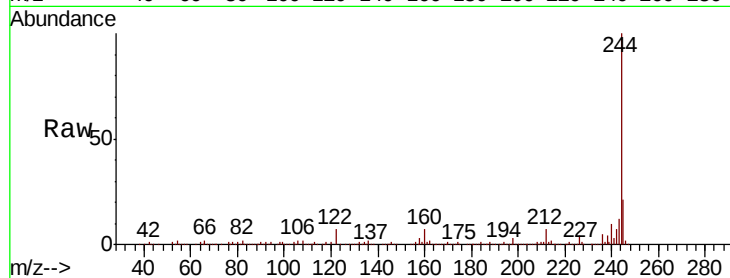
Tot Ion:244 Resp: 740902

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

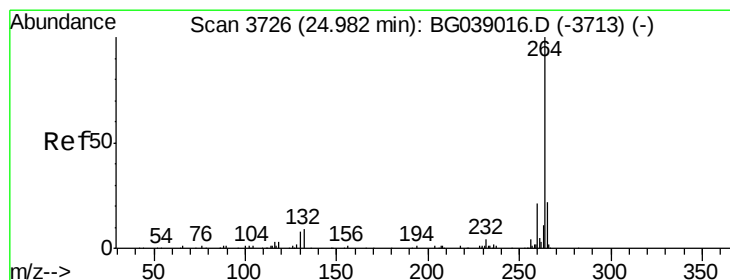
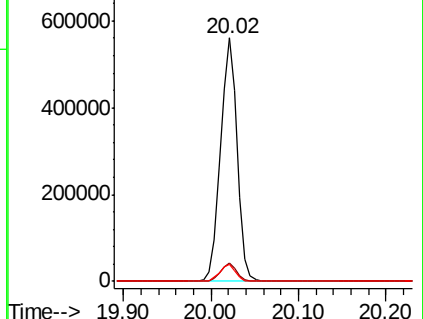
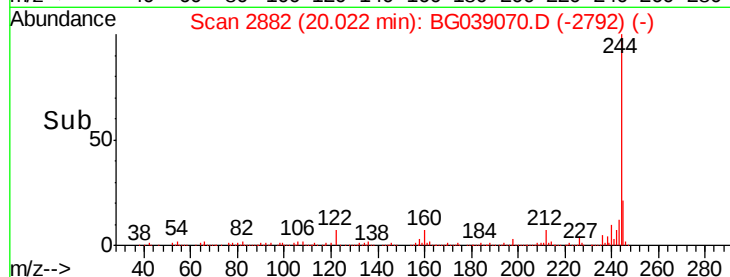
122 6.8 6.1 9.1



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

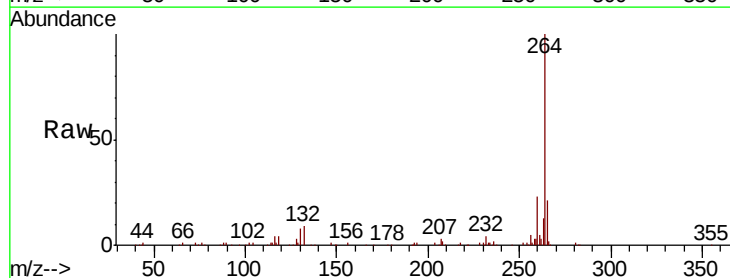
Tgt Ion:264 Resp: 202161

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

265 21.2 17.2 25.8



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

