

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039092.D
 Acq On : 11 Jan 2019 19:27
 Operator : JU/SJ
 Sample : PB116292BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116292BL

Quant Time: Jan 12 00:35:54 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	8.02	152	23637	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95815	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	75568	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	193557	20.00	ng	0.00
76) Chrysene-d12	21.69	240	207352	20.00	ng	-0.01
87) Perylene-d12	24.97	264	215117	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	166526	133.65	ng	0.00
7) Phenol-d6	7.18	99	227730	127.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	128694	73.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	108445	85.61	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	363885	65.90	ng	0.00
79) Terphenyl-d14	20.02	244	788721	70.37	ng	0.00

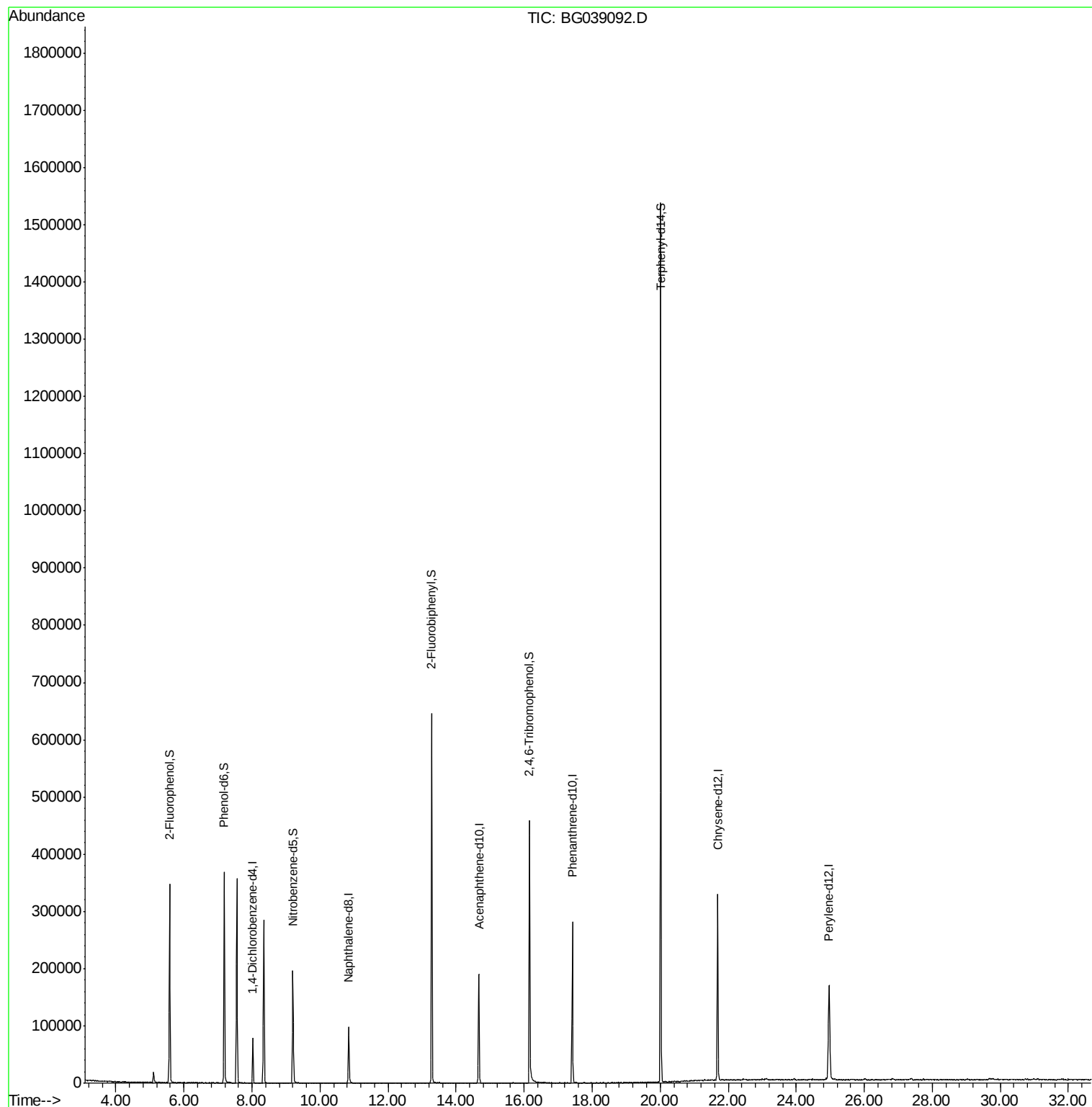
Target Compounds Qvalue

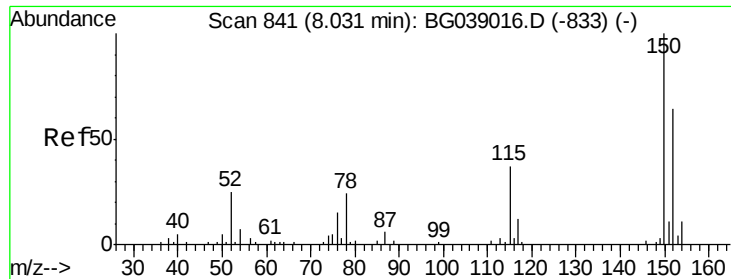
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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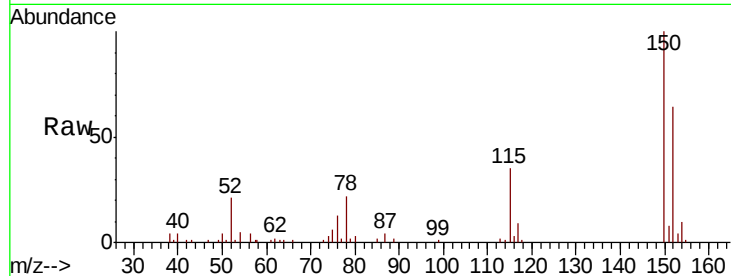


#1

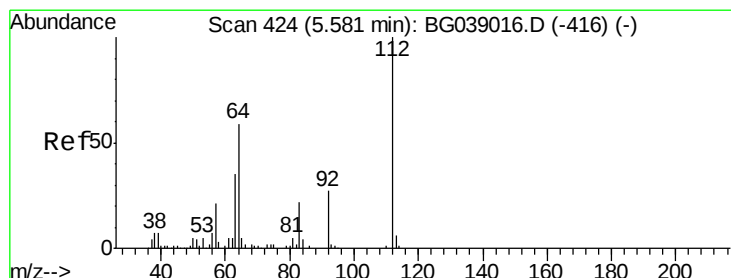
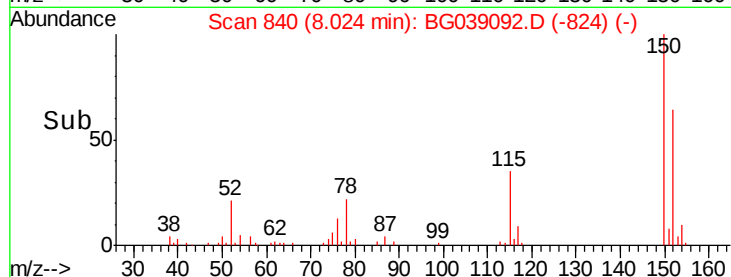
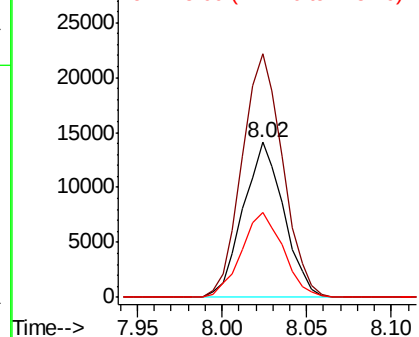
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039092.D
Acq: 11 Jan 2019 19:27

Instrument :
BNA_G
ClientSampleId :
PB116292BL

Tot Ion:152 Resp: 23637
Ion Ratio Lower Upper
152 100
150 157.1 124.7 187.1
115 54.6 46.5 69.7



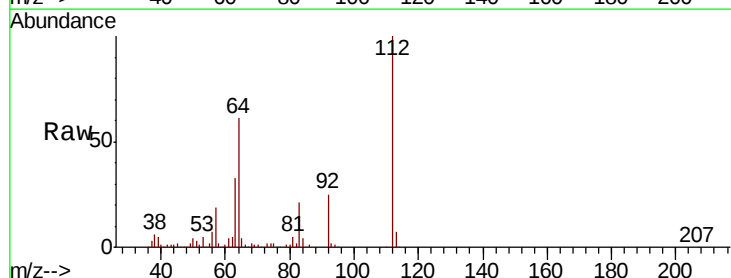
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



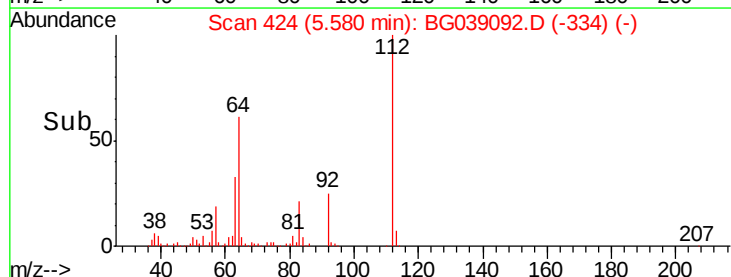
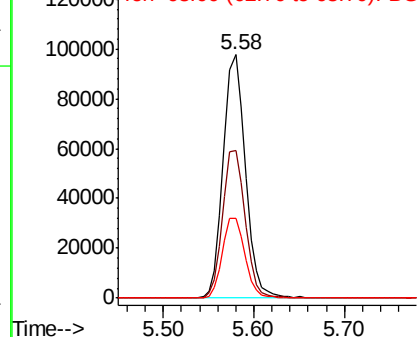
#5

2-Fluorophenol
Concen: 133.645 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039092.D
Acq: 11 Jan 2019 19:27

Tgt Ion:112 Resp: 166526
Ion Ratio Lower Upper
112 100
64 60.9 47.0 70.6
63 32.8 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: 126.996 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039092.D

Acq: 11 Jan 2019 19:27

Instrument :

BNA_G

ClientSampleId :

PB116292BL

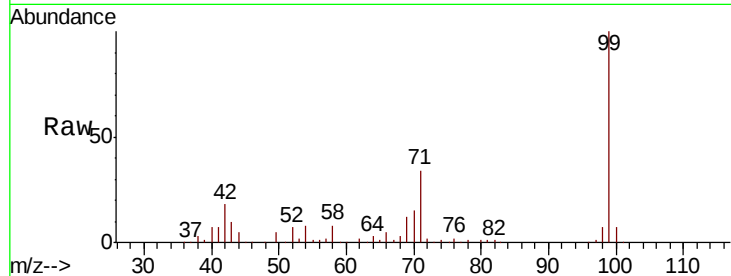
Tot Ion: 99 Resp: 227730

Ion Ratio Lower Upper

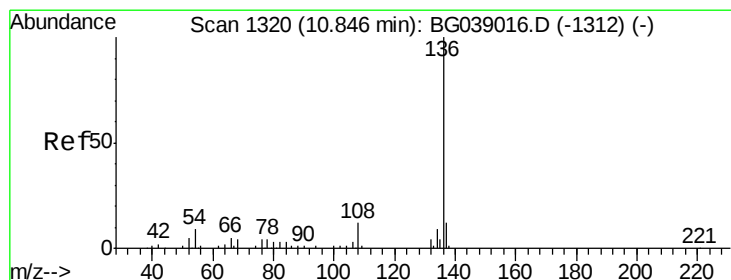
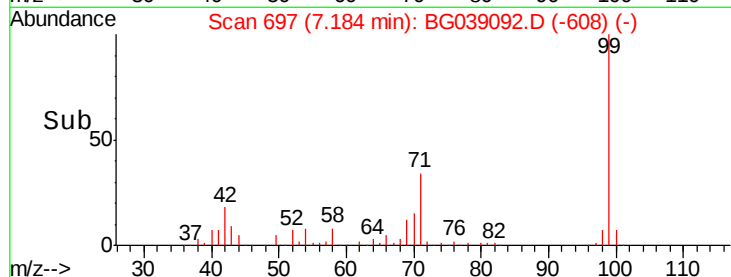
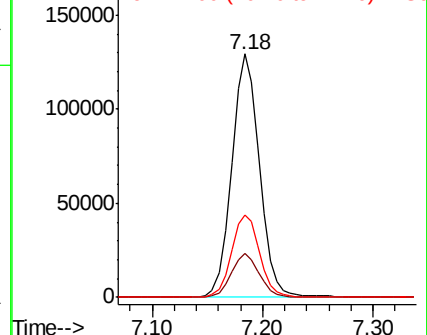
99 100

42 18.0 15.8 23.6

71 34.0 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: BG039092.D

Acq: 11 Jan 2019 19:27

Tgt Ion: 136 Resp: 95815

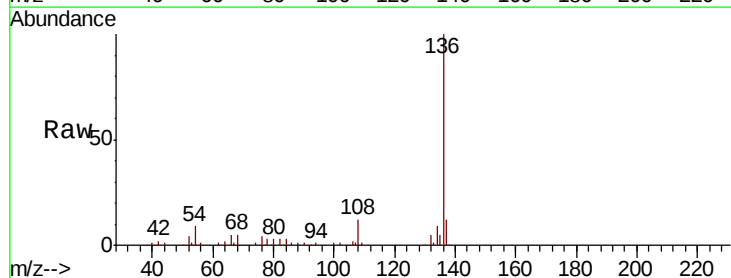
Ion Ratio Lower Upper

136 100

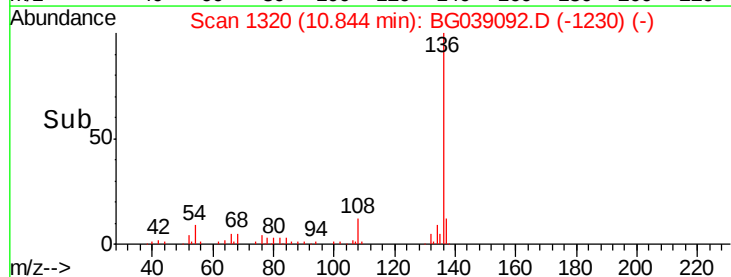
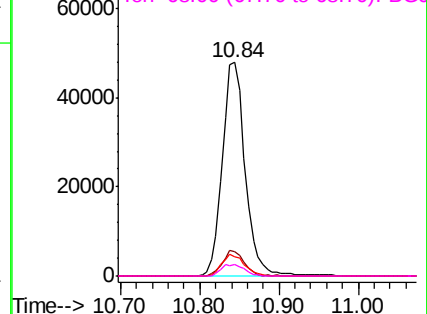
137 11.6 9.4 14.2

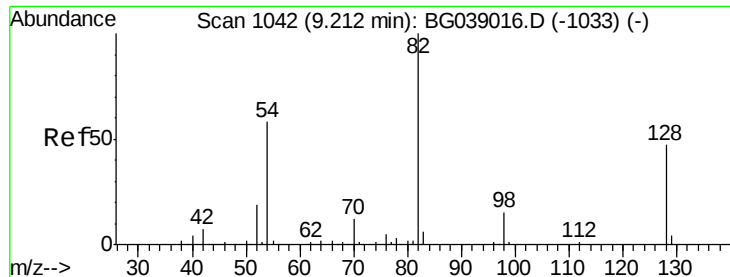
54 8.8 7.2 10.8

68 5.4 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

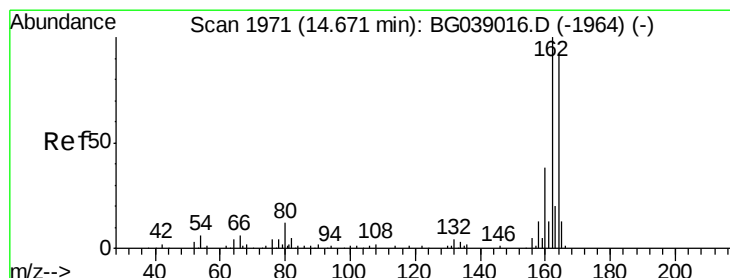
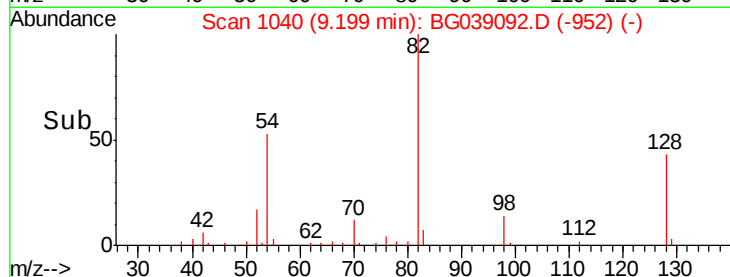
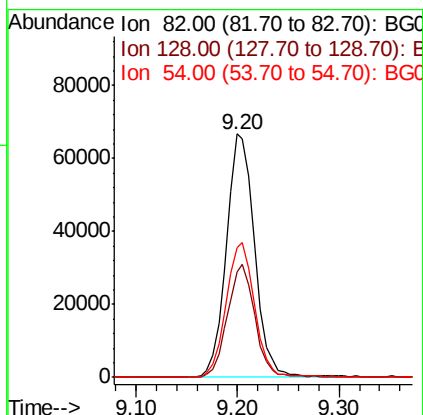
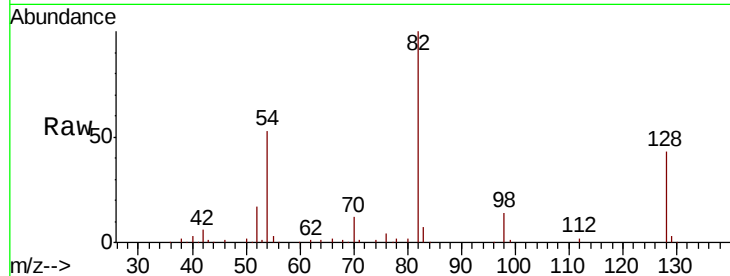




#23
 Nitrobenzene-d5
 Concen: 73.497 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039092.D
 Acq: 11 Jan 2019 19:27

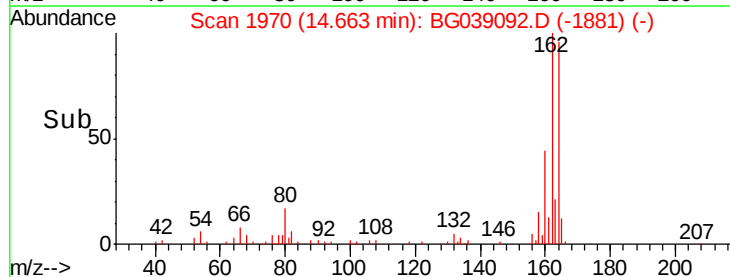
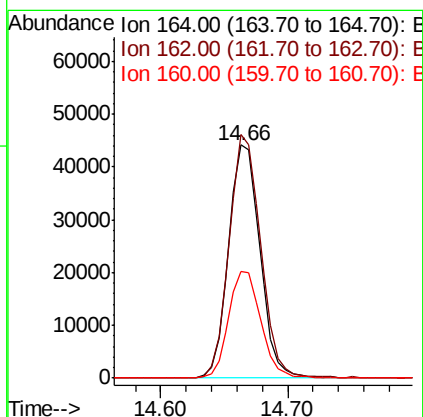
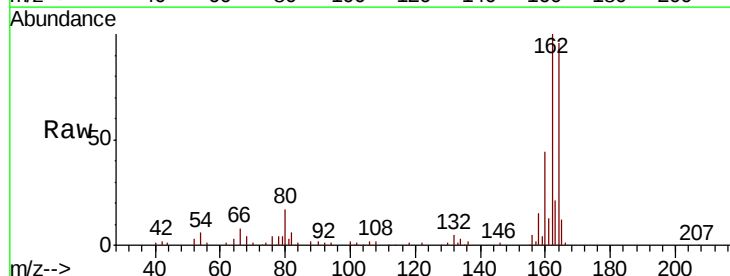
Instrument :
 BNA_G
 ClientSampled :
 PB116292BL

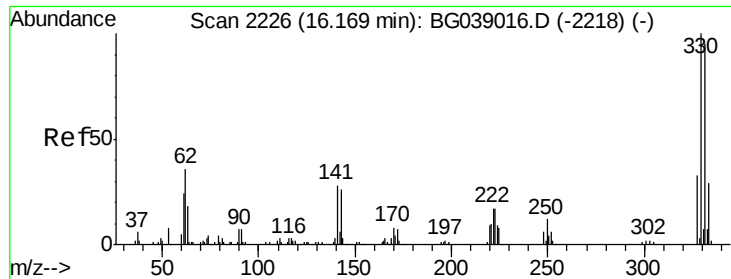
Tot Ion	82	Resp	128	694
Ion Ratio	100			
Lower	37.3		55.9	
Upper	69.6			



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039092.D
 Acq: 11 Jan 2019 19:27

Tgt Ion	164	Resp	75568
Ion Ratio	100		
Lower	87.2	130.8	
Upper	49.9		





#42

2,4,6-Tribromophenol

Concen: 85.610 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039092.D

Acq: 11 Jan 2019 19:27

Instrument :

BNA_G

ClientSampleId :

PB116292BL

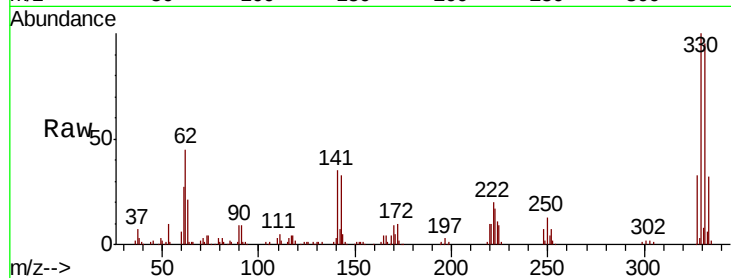
Tot Ion:330 Resp: 108445

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

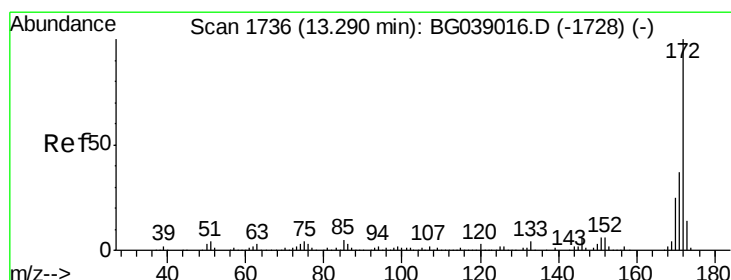
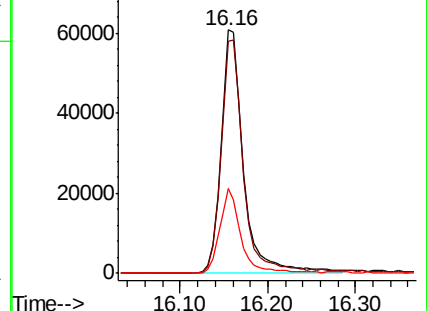
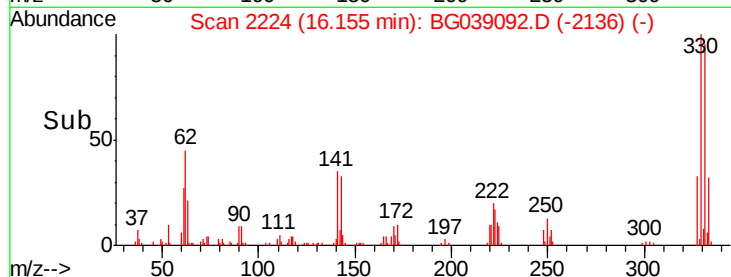
141 32.6 24.9 37.3



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: 65.901 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039092.D

Acq: 11 Jan 2019 19:27

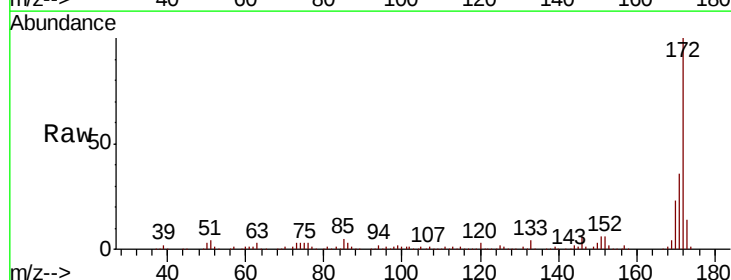
Tgt Ion:172 Resp: 363885

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

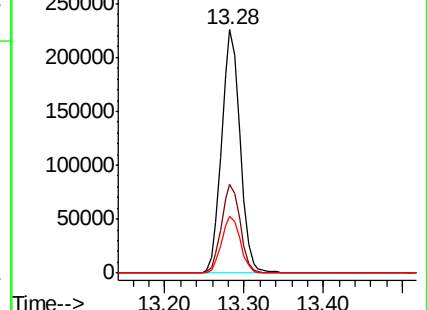
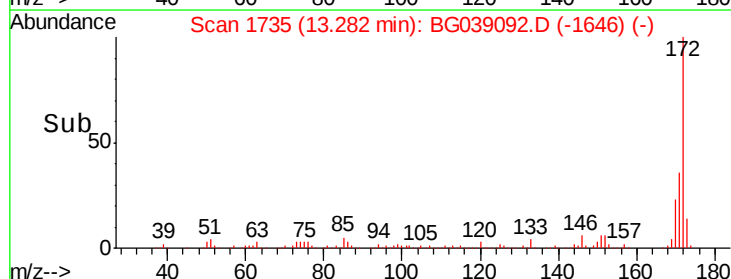
170 23.3 20.1 30.1

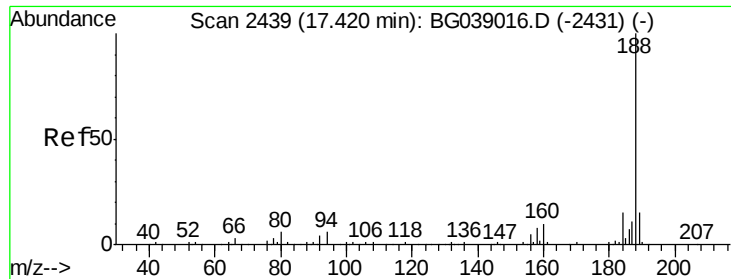


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039092.D

Acq: 11 Jan 2019 19:27

Instrument :

BNA_G

ClientSampleId :

PB116292BL

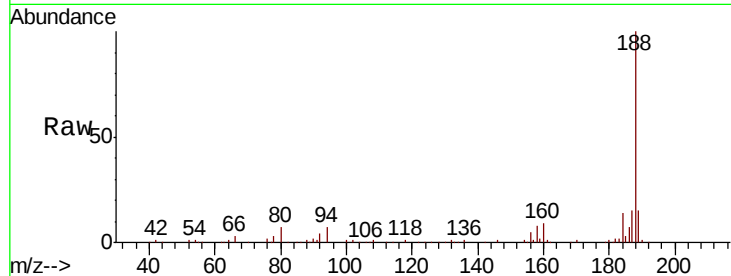
Tot Ion:188 Resp: 193557

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.4

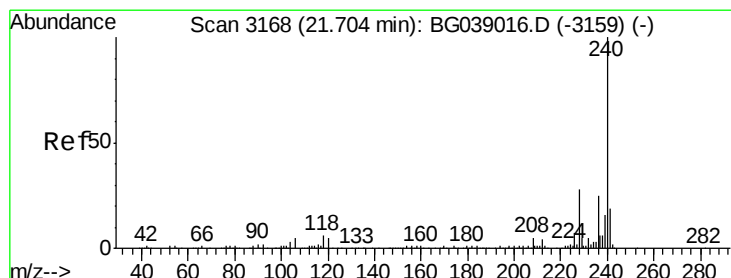
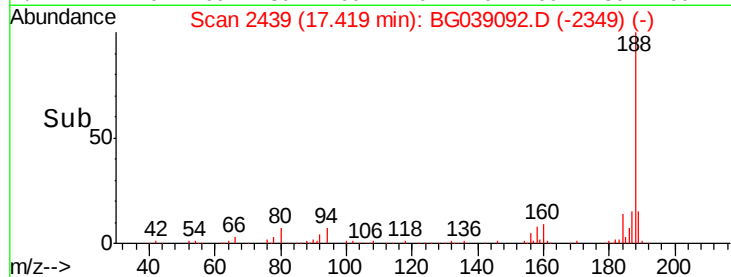
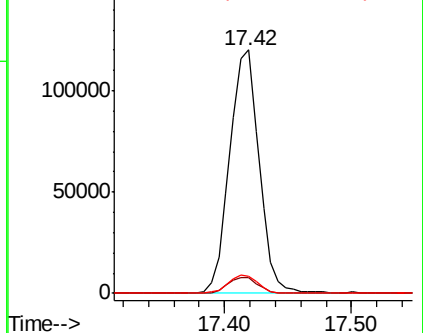
80 7.1 4.7 7.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039092.D

Acq: 11 Jan 2019 19:27

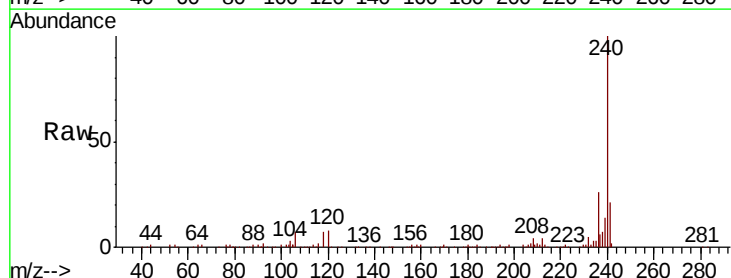
Tgt Ion:240 Resp: 207352

Ion Ratio Lower Upper

240 100

120 7.7 4.3 6.5#

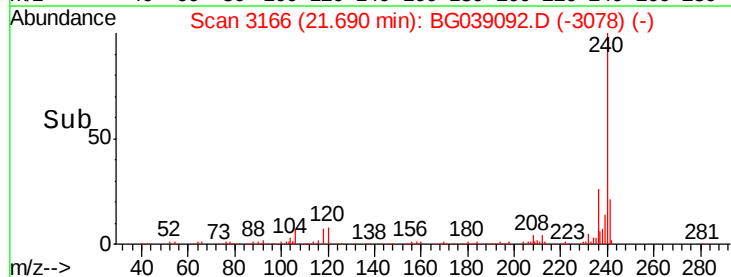
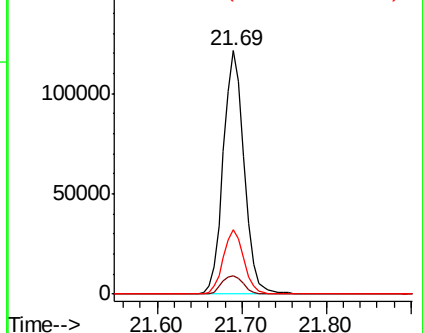
236 26.3 20.1 30.1

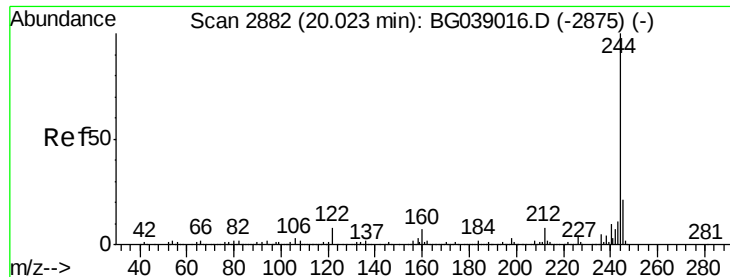


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.366 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039092.D

Acq: 11 Jan 2019 19:27

Instrument :

BNA_G

ClientSampleId :

PB116292BL

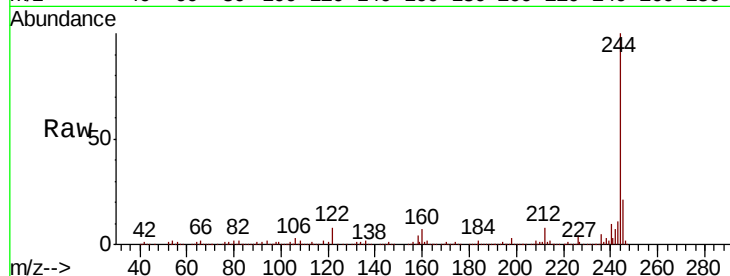
Tot Ion:244 Resp: 788721

Ion Ratio Lower Upper

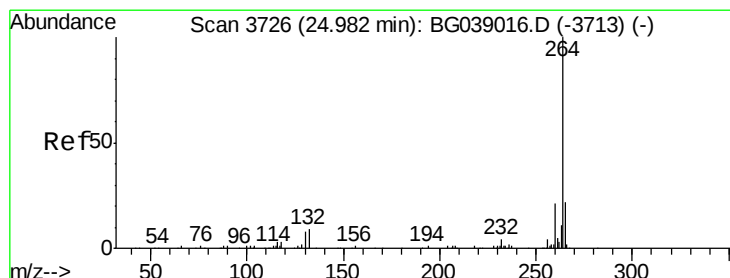
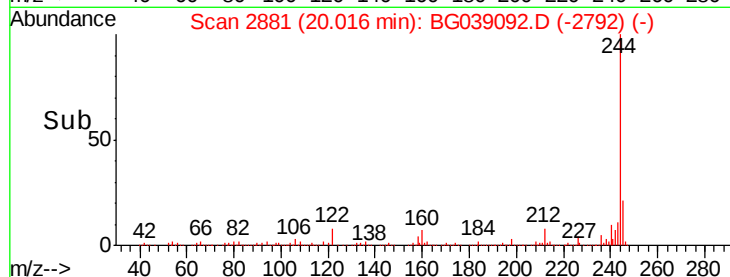
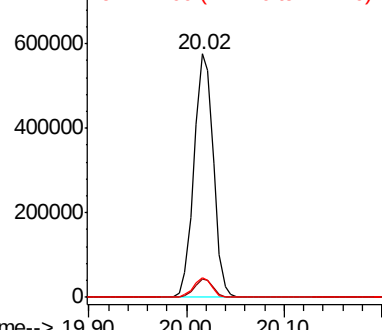
244 100

212 7.6 6.1 9.1

122 7.9 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# 3724

Delta R.T. -0.01 min

Lab File: BG039092.D

Acq: 11 Jan 2019 19:27

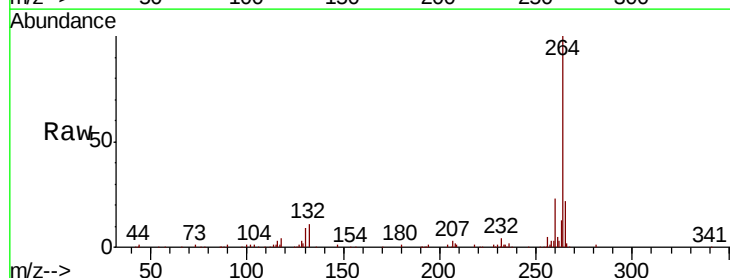
Tgt Ion:264 Resp: 215117

Ion Ratio Lower Upper

264 100

260 22.6 17.0 25.6

265 21.9 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

