

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039125.D
 Acq On : 14 Jan 2019 17:50
 Operator : JU/SJ
 Sample : PB116353BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BL

Quant Time: Jan 14 23:07:17 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	19263	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	77278	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59389	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	159278	20.00	ng	0.00
76) Chrysene-d12	21.69	240	177399	20.00	ng	-0.01
87) Perylene-d12	24.97	264	181400	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	145021	142.81	ng	0.00
7) Phenol-d6	7.18	99	201703	138.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	116447	82.45	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	120613	121.16	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	356588	82.17	ng	0.00
79) Terphenyl-d14	20.01	244	748904	78.09	ng	0.00

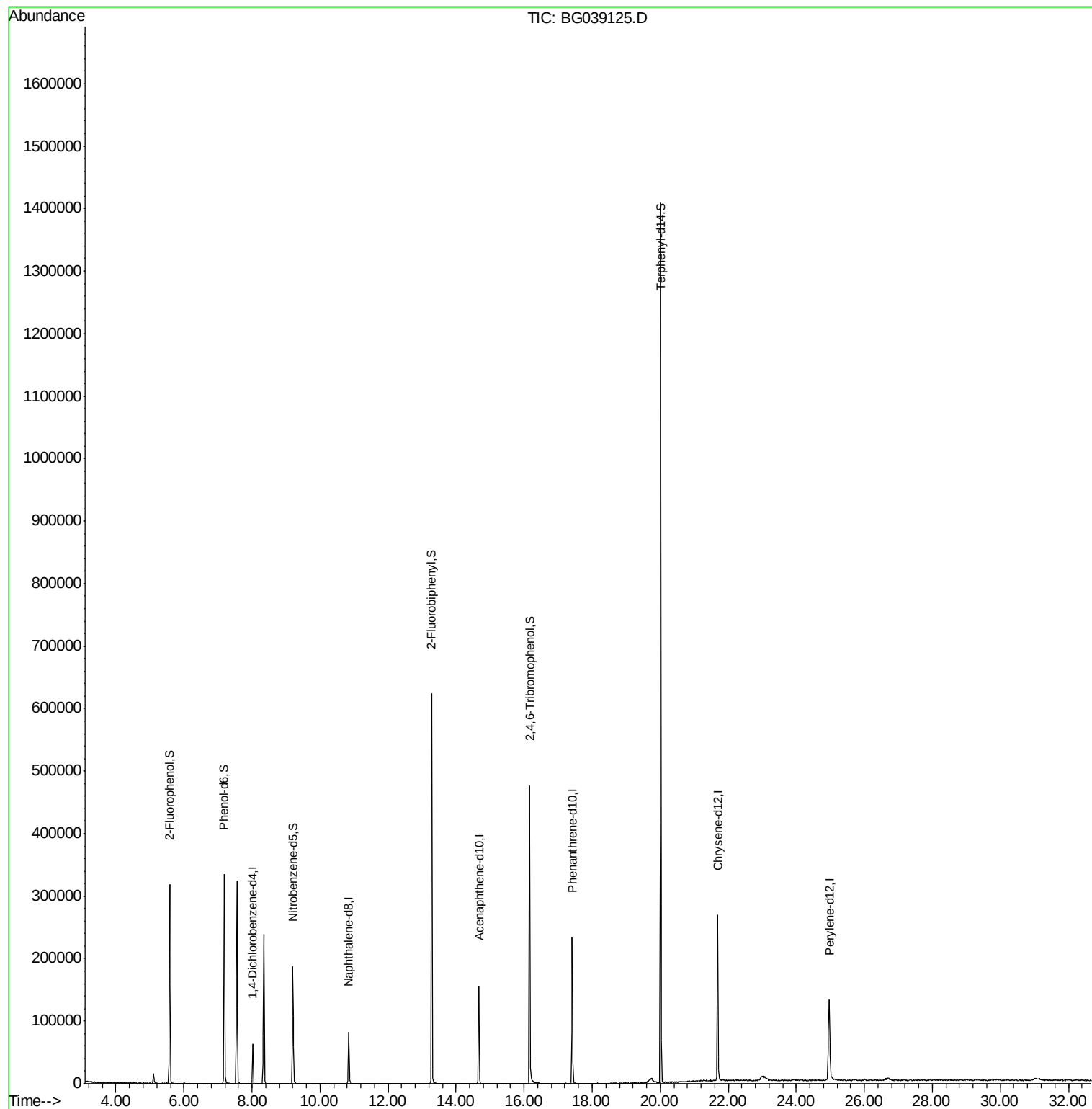
Target Compounds	Qvalue

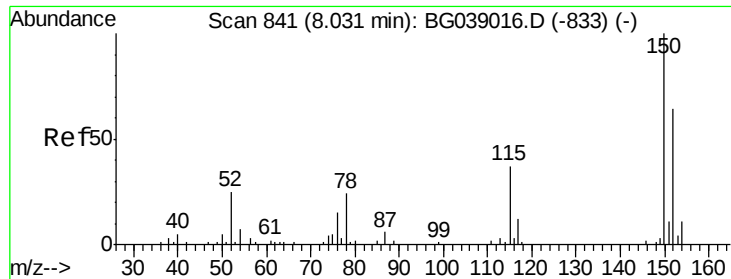
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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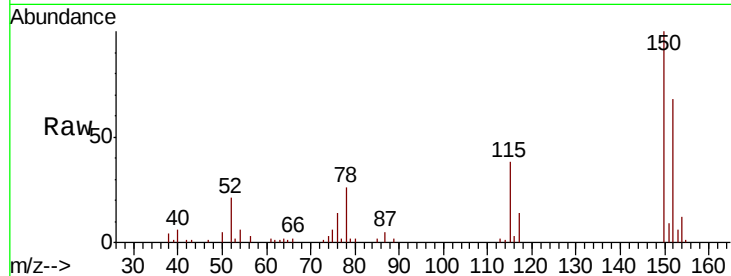


#1

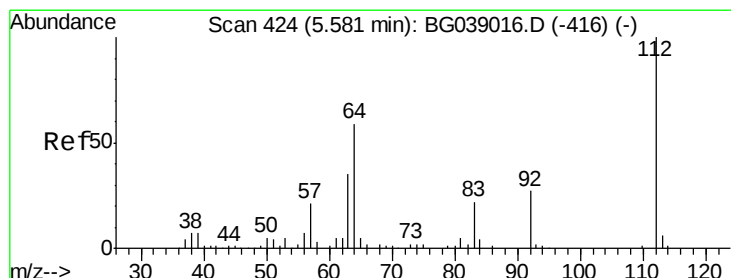
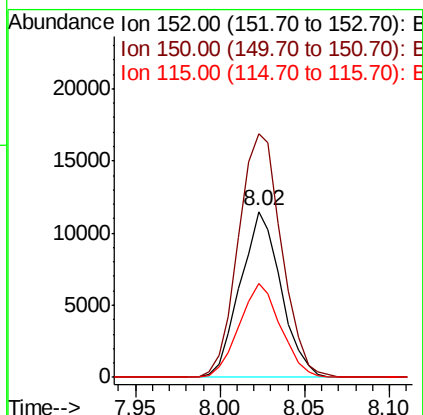
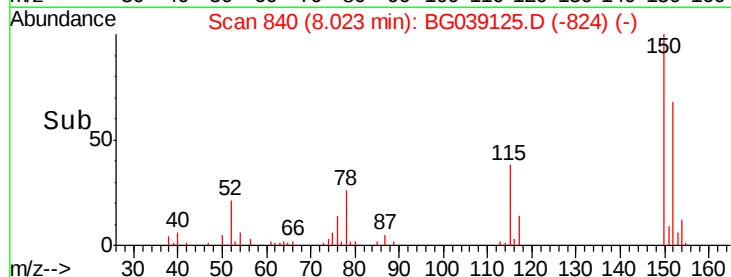
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PB116353BL

Tot Ion:152 Resp: 19263
Ion Ratio Lower Upper
152 100
150 146.9 124.7 187.1
115 56.4 46.5 69.7



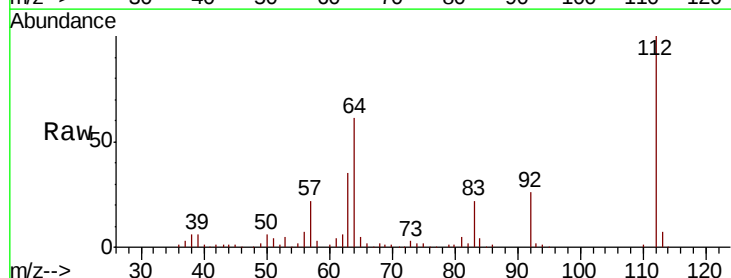
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



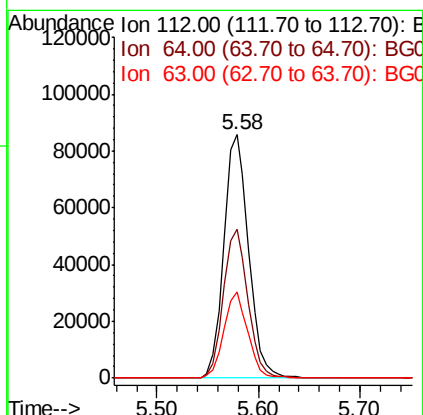
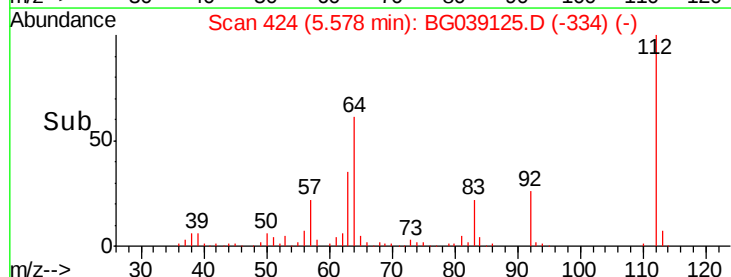
#5

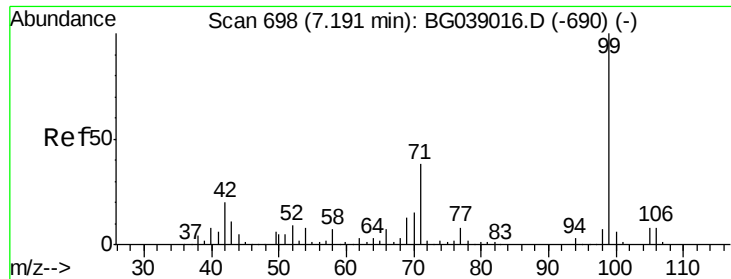
2-Fluorophenol
Concen: 142.814 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Tgt Ion:112 Resp: 145021
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 35.3 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: 138.023 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PB116353BL

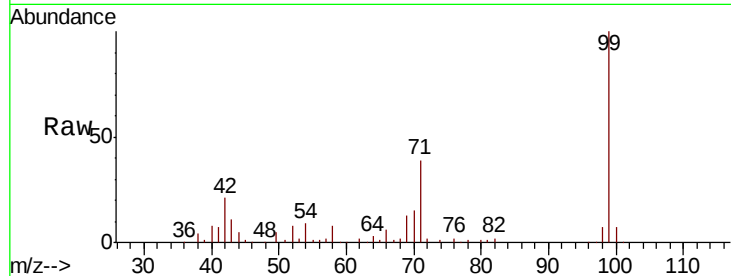
Tot Ion: 99 Resp: 201703

Ion Ratio Lower Upper

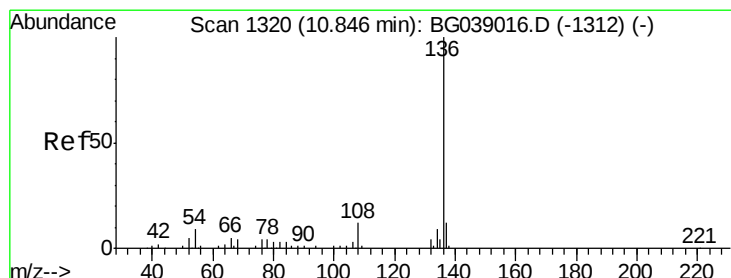
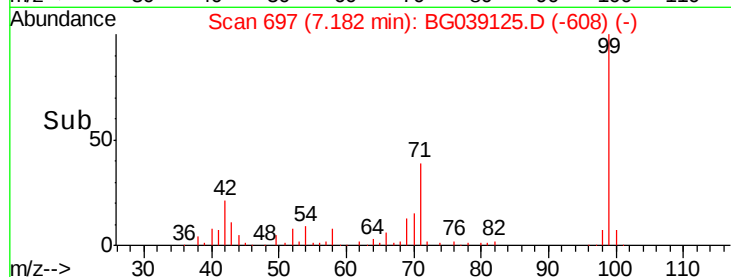
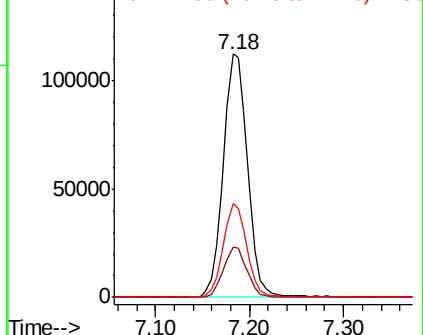
99 100

42 20.7 15.8 23.6

71 38.7 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: BG039125.D

Acq: 14 Jan 2019 17:50

Tgt Ion: 136 Resp: 77278

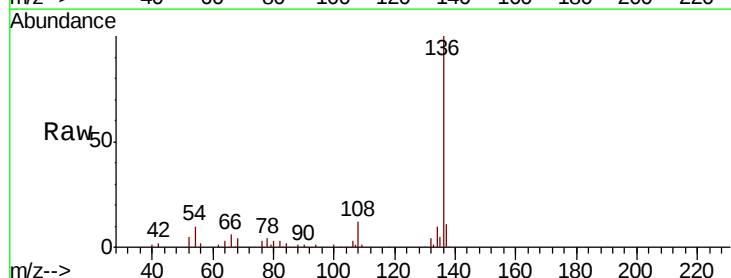
Ion Ratio Lower Upper

136 100

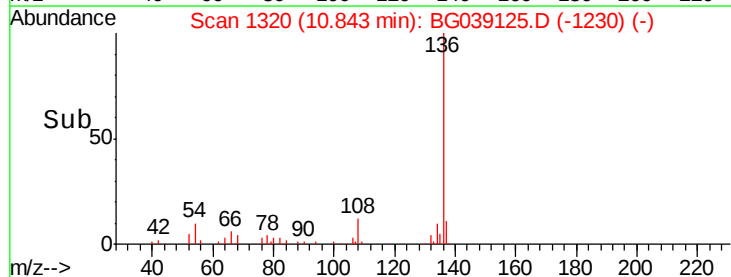
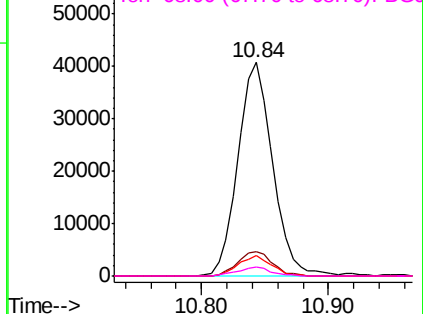
137 11.5 9.4 14.2

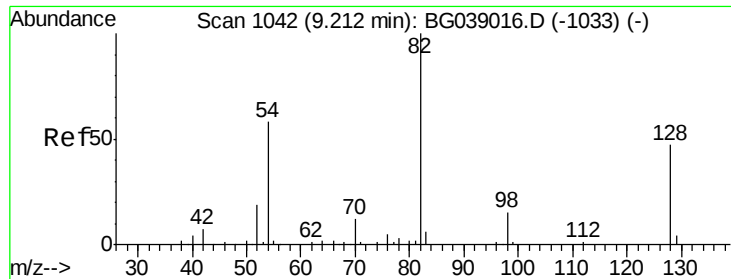
54 9.5 7.2 10.8

68 4.2 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

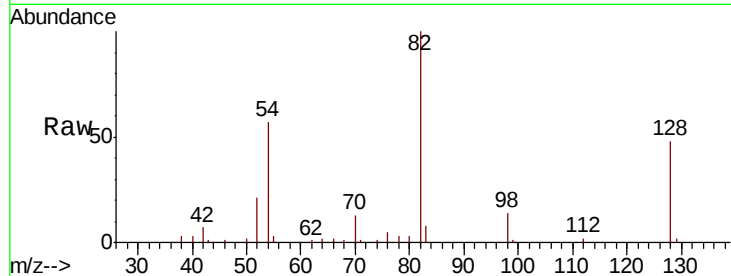




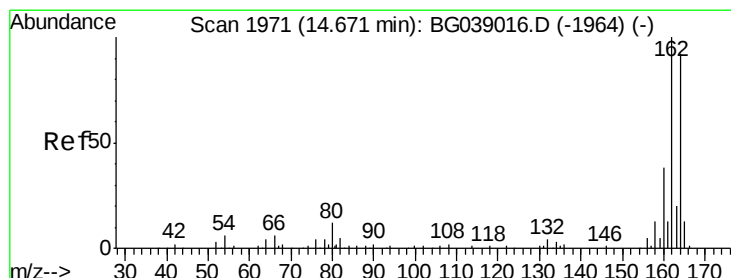
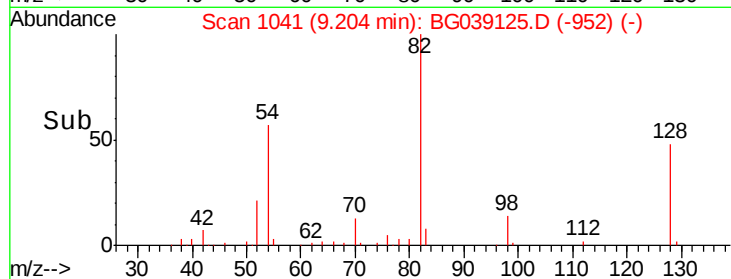
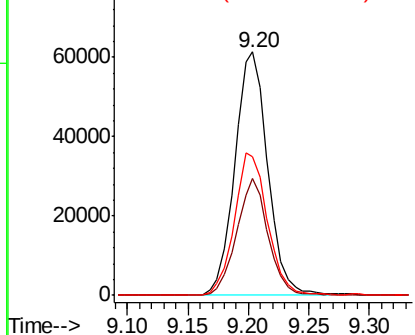
#23
Nitrobenzene-d5
Concen: 82.454 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PB116353BL

Tot Ion: 82 Resp: 116447
Ion Ratio Lower Upper
82 100
128 48.2 37.3 55.9
54 56.9 46.4 69.6

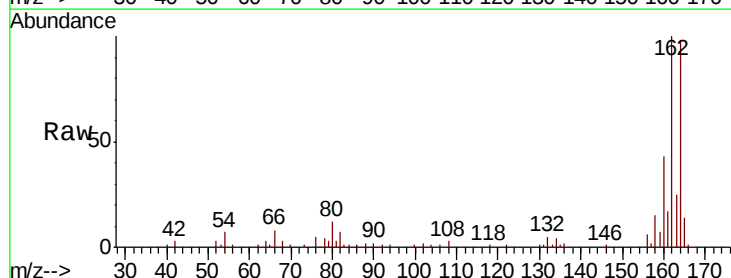


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

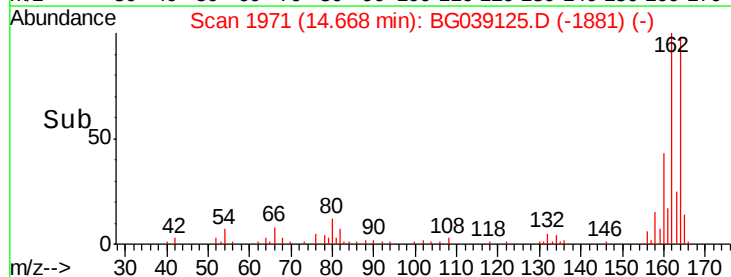
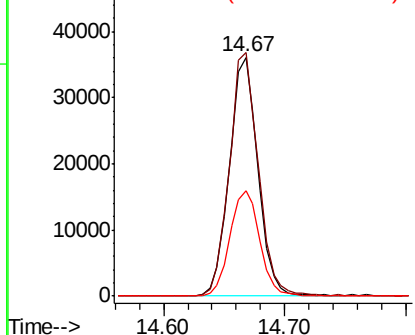


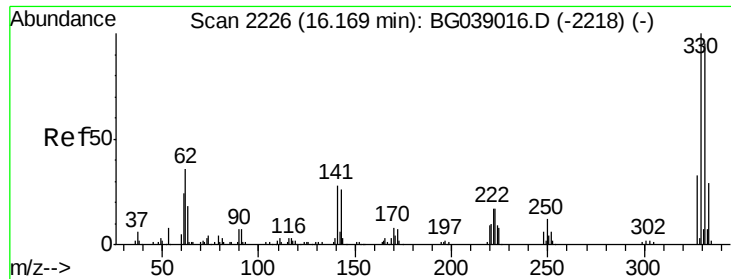
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Tgt Ion:164 Resp: 59389
Ion Ratio Lower Upper
164 100
162 101.9 87.2 130.8
160 44.3 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

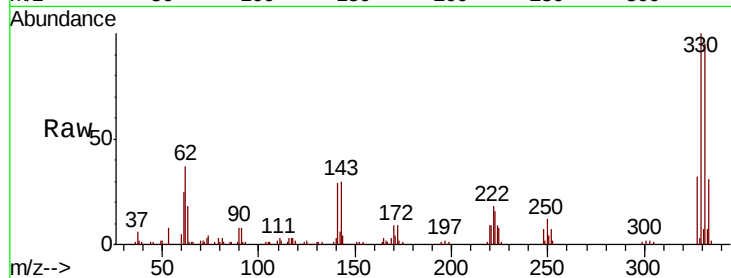




#42
 2,4,6-Tribromophenol
 Concen: 121.155 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	29.6	24.9	37.3

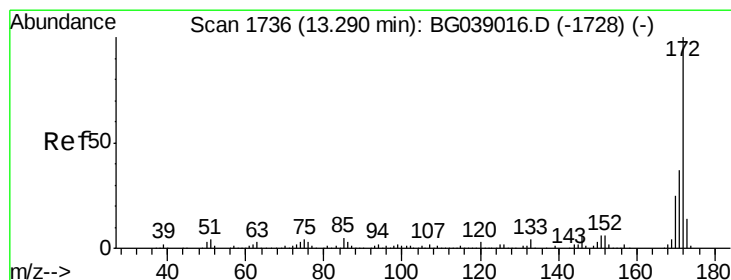
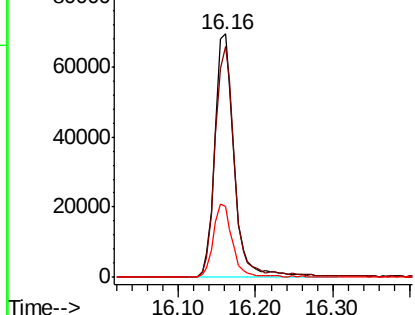
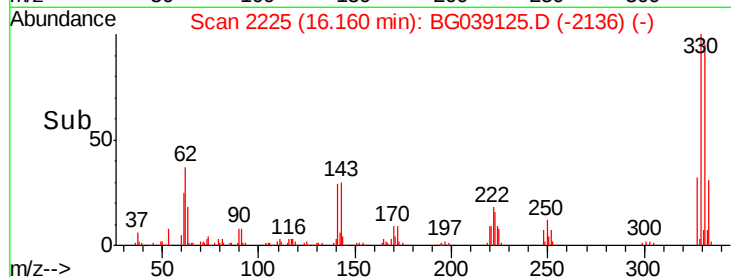


Abundance

Ion 329.80 (329.50 to 330.50): E

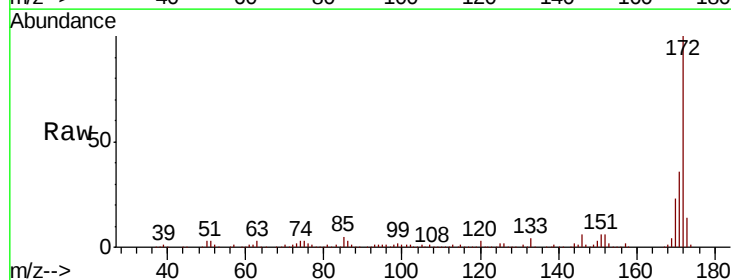
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.172 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.4	20.1	30.1

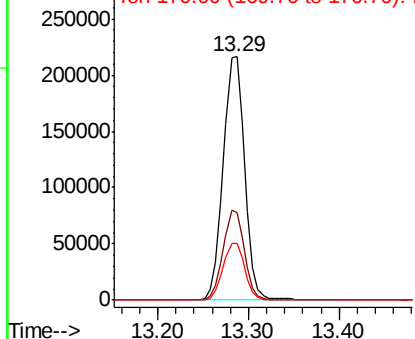
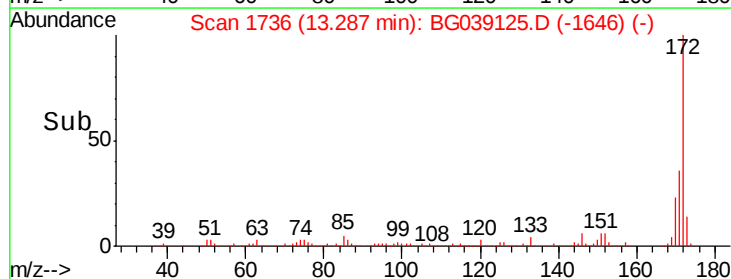


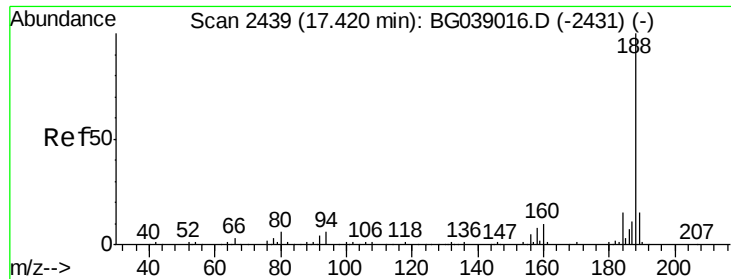
Abundance

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

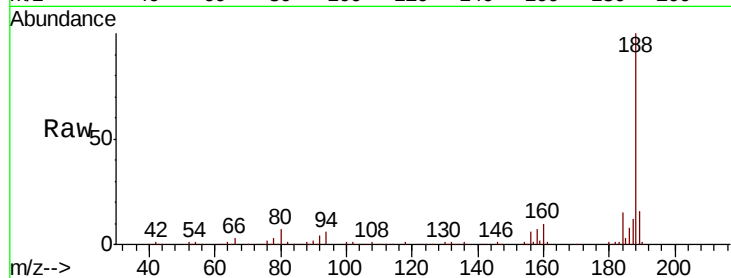




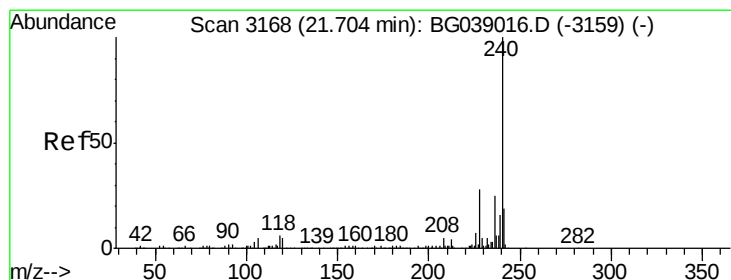
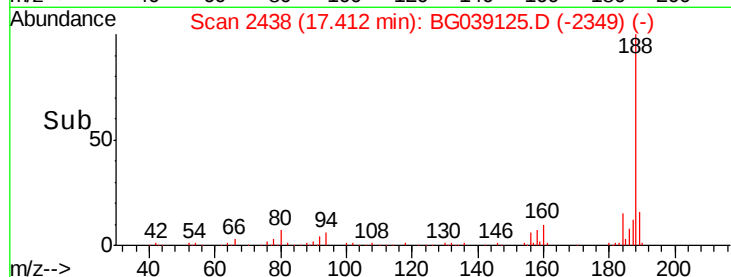
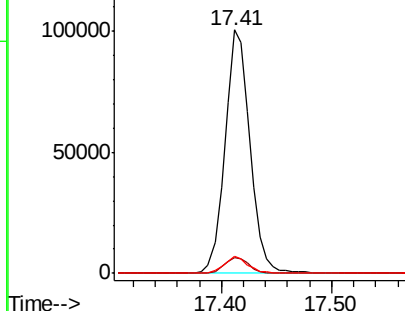
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PB116353BL

Tot Ion:188 Resp: 159278
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.4
80 7.0 4.7 7.1

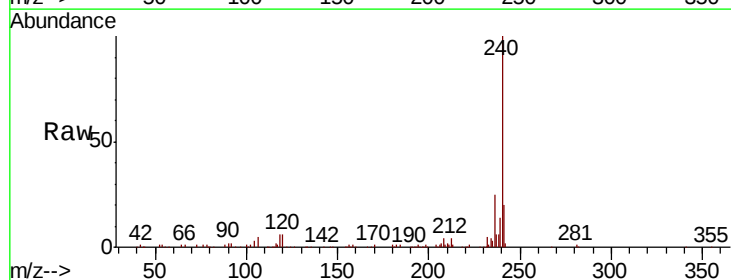


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

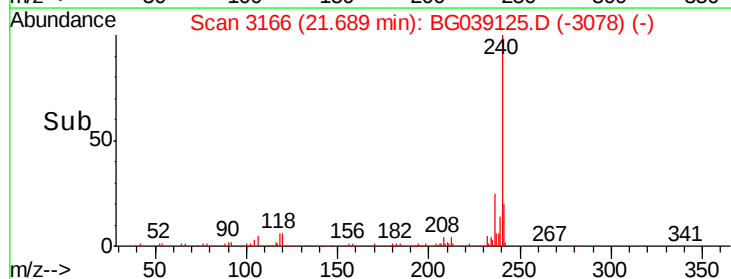
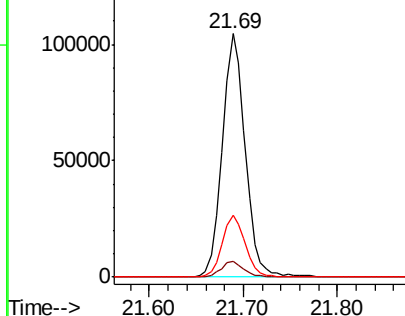


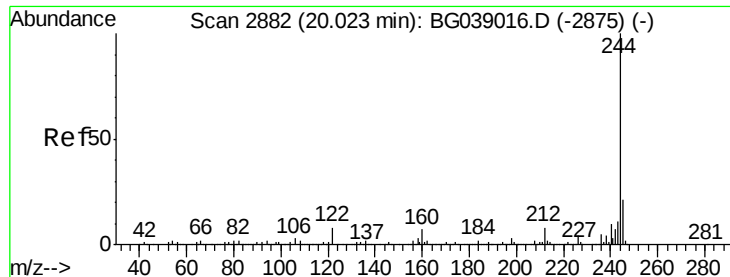
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Tgt Ion:240 Resp: 177399
Ion Ratio Lower Upper
240 100
120 6.4 4.3 6.5
236 25.2 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: 78.095 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PB116353BL

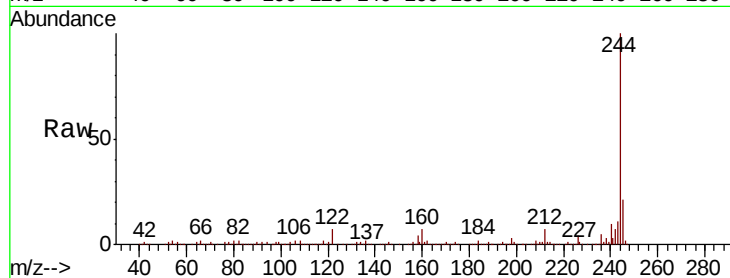
Tot Ion:244 Resp: 748904

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

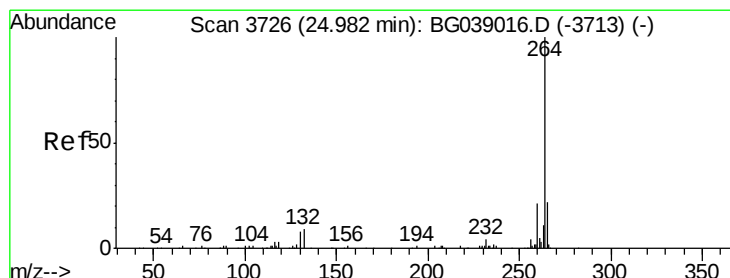
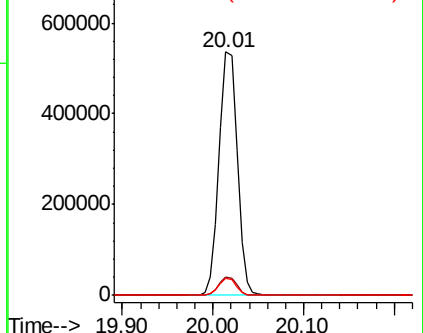
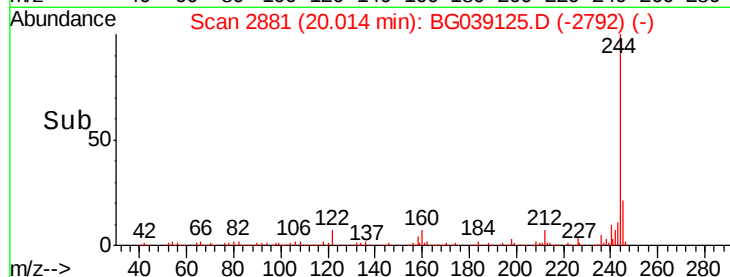
122 7.0 6.1 9.1



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: BG039125.D

Acq: 14 Jan 2019 17:50

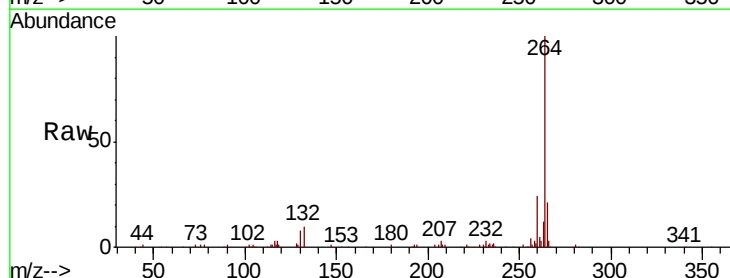
Tgt Ion:264 Resp: 181400

Ion Ratio Lower Upper

264 100

260 24.0 17.0 25.6

265 20.7 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

