

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039109.D
 Acq On : 12 Jan 2019 8:31
 Operator : JU/SJ
 Sample : K1011-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-A

Quant Time: Jan 14 10:27:34 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	28571	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	108792	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	89191	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	235434	20.00	ng	0.00
76) Chrysene-d12	21.69	240	218911	20.00	ng	-0.02
87) Perylene-d12	24.96	264	221112	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	223897	148.66	ng	0.00
7) Phenol-d6	7.19	99	274242	126.52	ng	0.00
23) Nitrobenzene-d5	9.20	82	223080	112.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	209127	139.88	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	619530	95.06	ng	0.00
79) Terphenyl-d14	20.02	244	1178156	99.56	ng	0.00

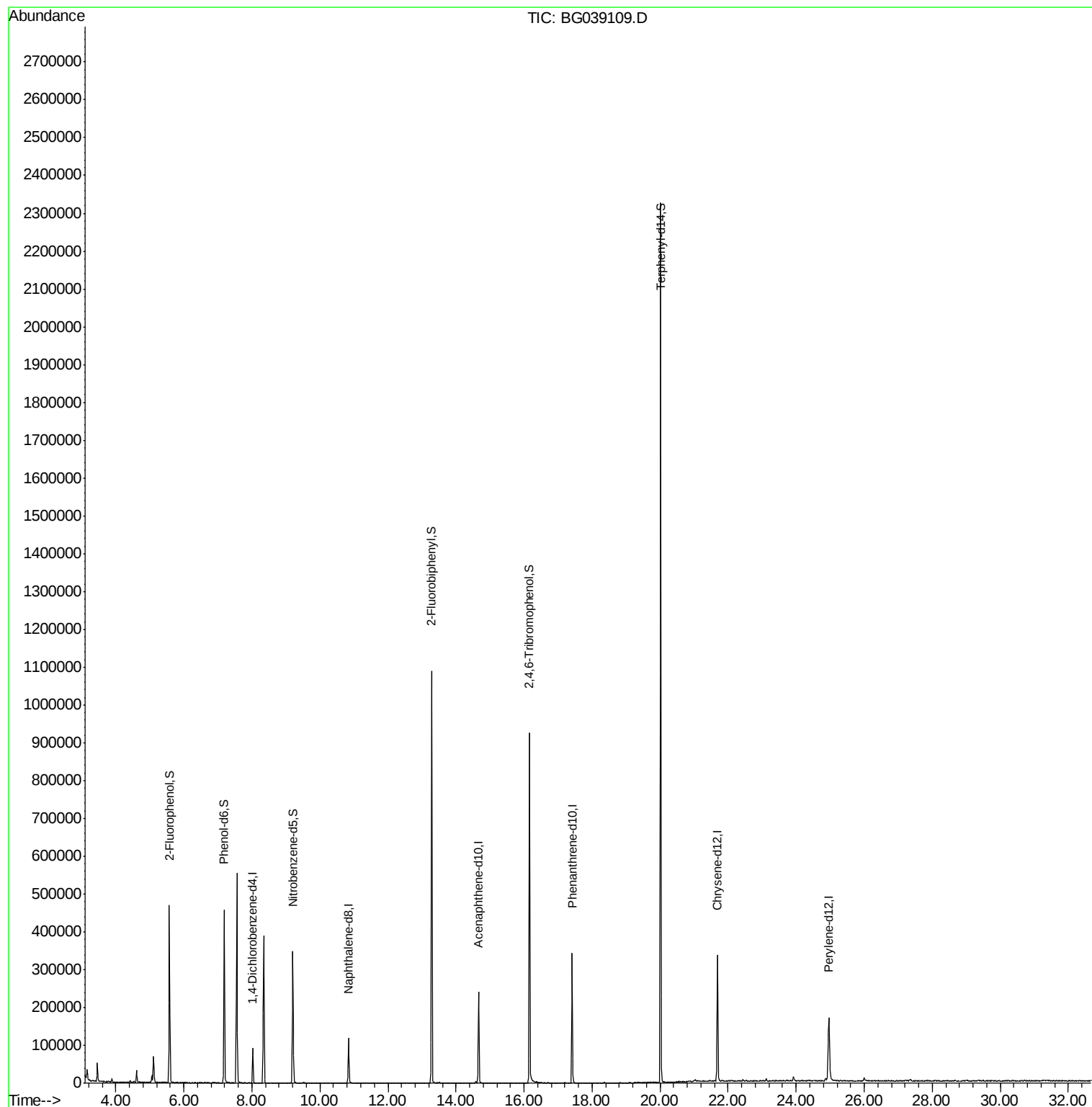
Target Compounds Qvalue

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

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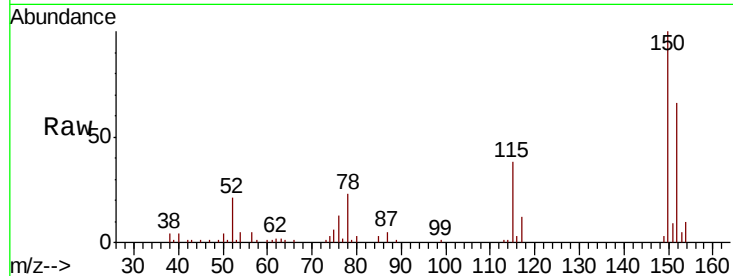


#1

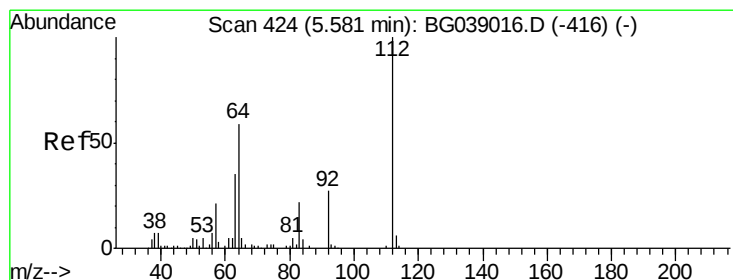
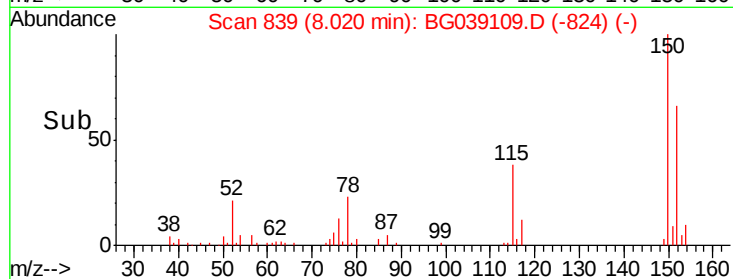
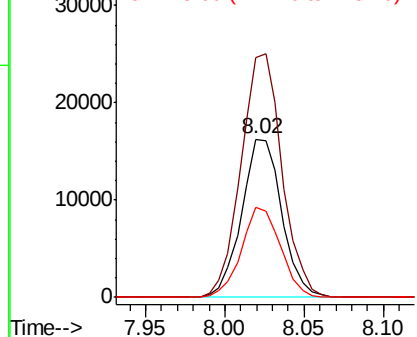
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039109.D
Acq: 12 Jan 2019 8:31

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-A

Tot Ion:152 Resp: 28571
Ion Ratio Lower Upper
152 100
150 151.3 124.7 187.1
115 56.9 46.5 69.7



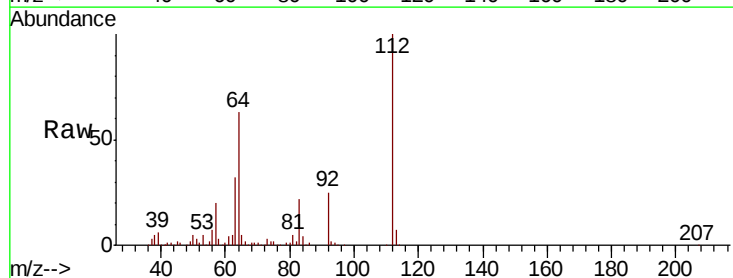
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



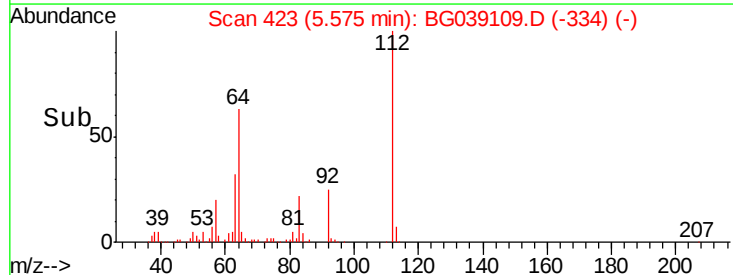
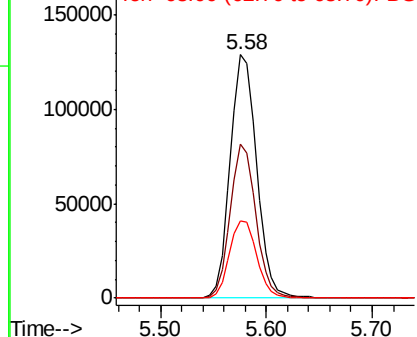
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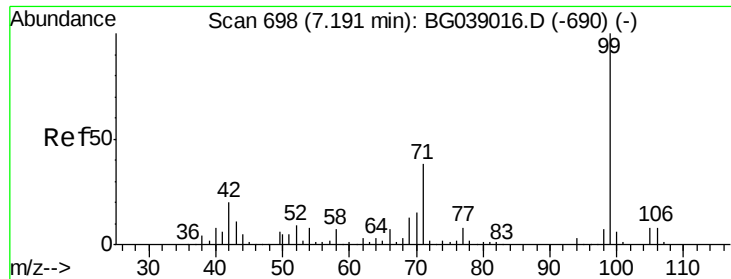
2-Fluorophenol
Concen: 148.657 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039109.D
Acq: 12 Jan 2019 8:31

Tgt Ion:112 Resp: 223897
Ion Ratio Lower Upper
112 100
64 63.4 47.0 70.6
63 31.8 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: 126.524 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

Instrument :

BNA_G

ClientSampleId :

OR-02-011019-A

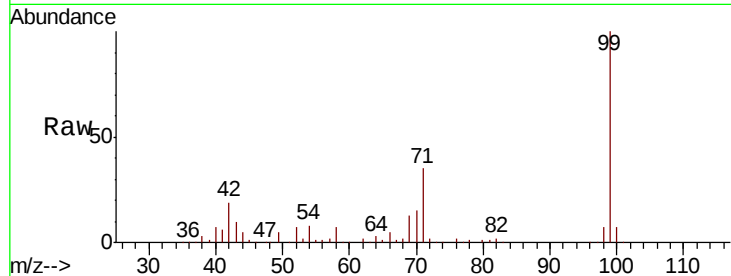
Tot Ion: 99 Resp: 274242

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

71 35.2 30.2 45.4

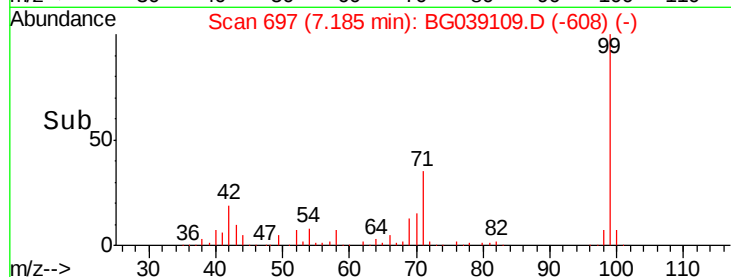
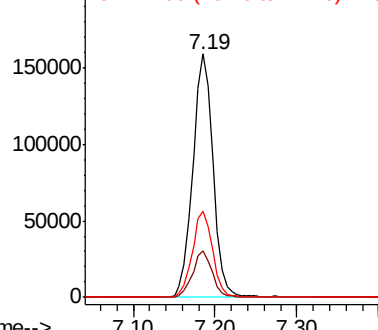


Abundance

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# 1319

Delta R.T. -0.01 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

Tgt Ion: 136 Resp: 108792

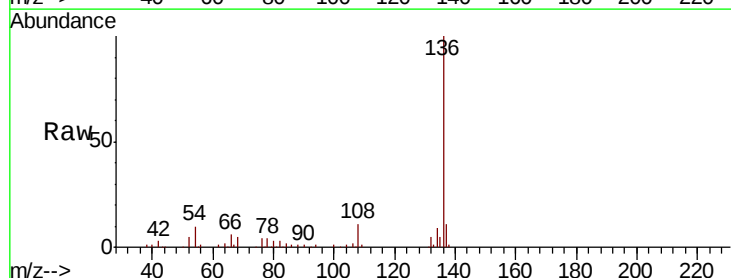
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 10.1 7.2 10.8

68 4.6 3.5 5.3



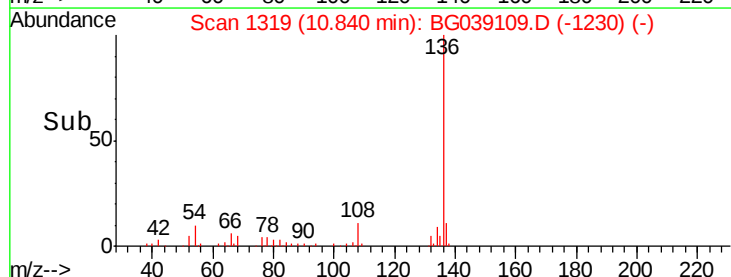
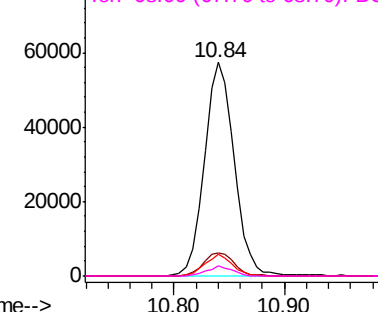
Abundance

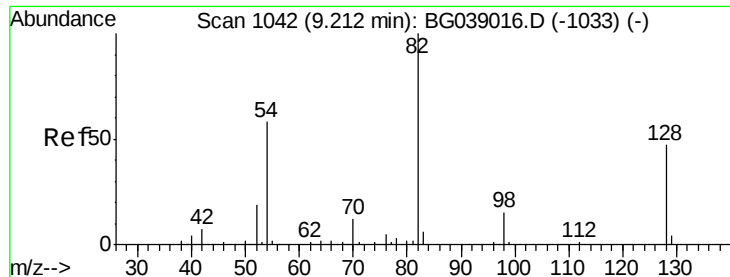
Ion 136.00 (135.70 to 136.70): BGC

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

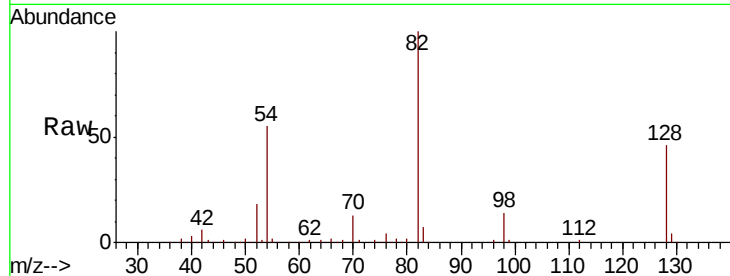




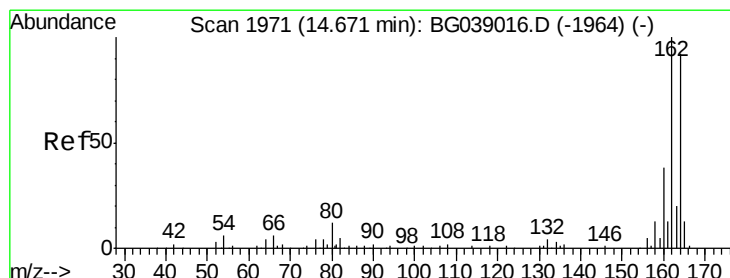
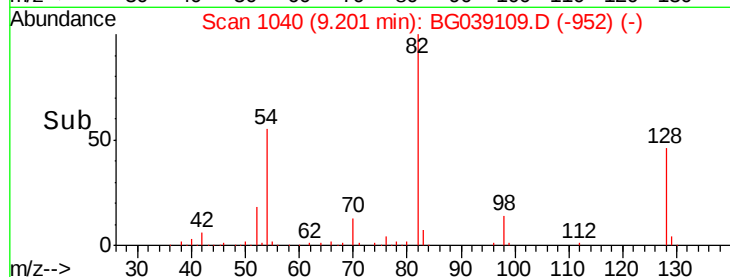
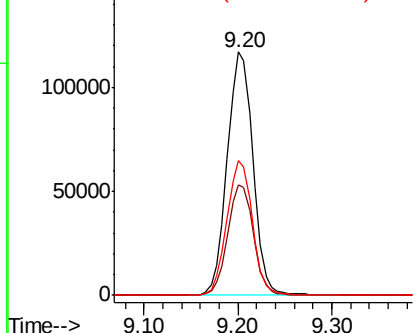
#23
Nitrobenzene-d5
Concen: 112.203 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039109.D
Acq: 12 Jan 2019 8:31

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-A

Tot Ion: 82 Resp: 223080
Ion Ratio Lower Upper
82 100
128 45.6 37.3 55.9
54 55.1 46.4 69.6

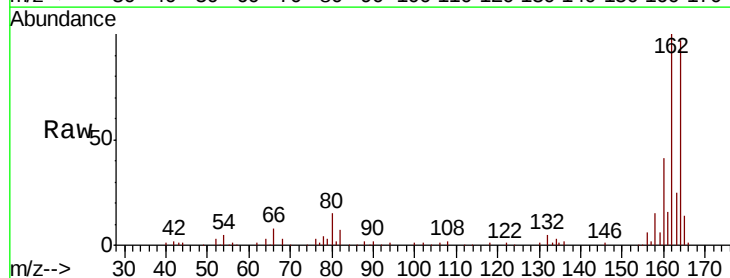


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

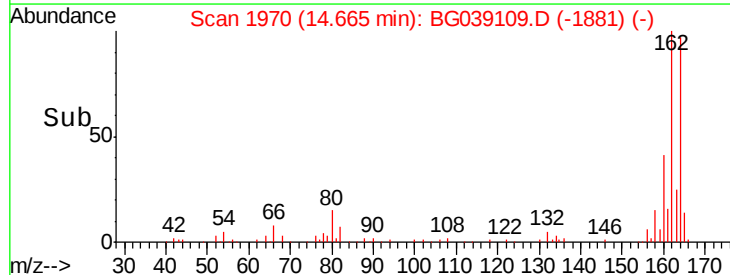
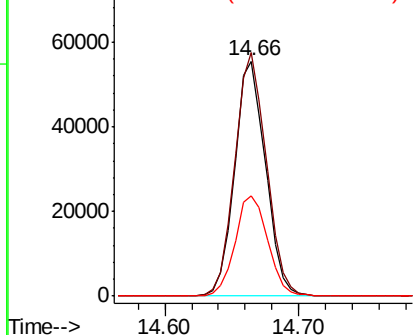


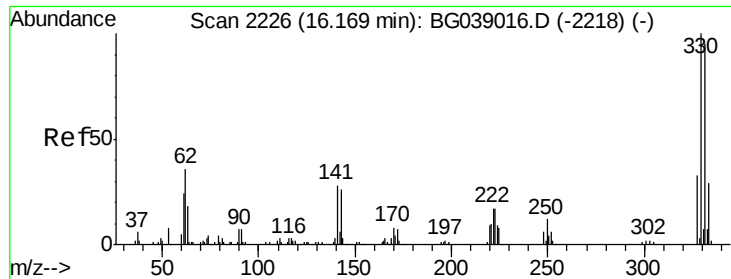
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039109.D
Acq: 12 Jan 2019 8:31

Tgt Ion: 164 Resp: 89191
Ion Ratio Lower Upper
164 100
162 103.6 87.2 130.8
160 42.8 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: 139.876 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

Instrument :

BNA_G

ClientSampleId :

OR-02-011019-A

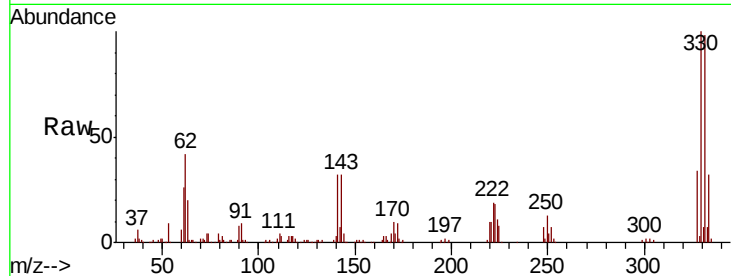
Tot Ion:330 Resp: 209127

Ion Ratio Lower Upper

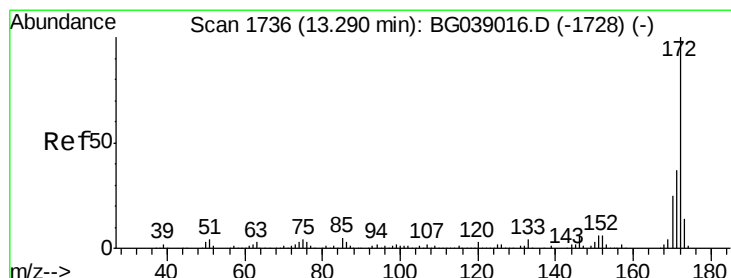
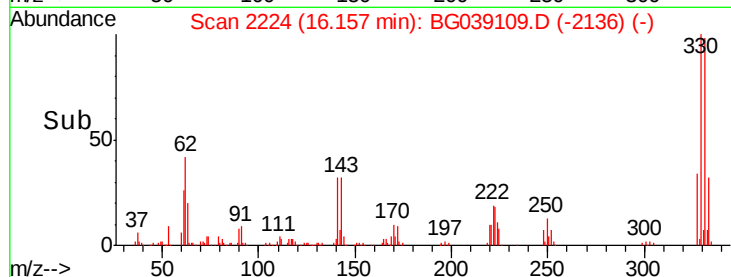
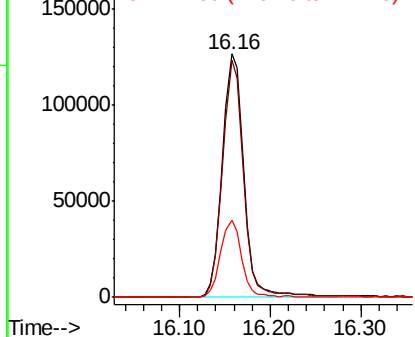
330 100

332 95.7 75.7 113.5

141 30.7 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: 95.062 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

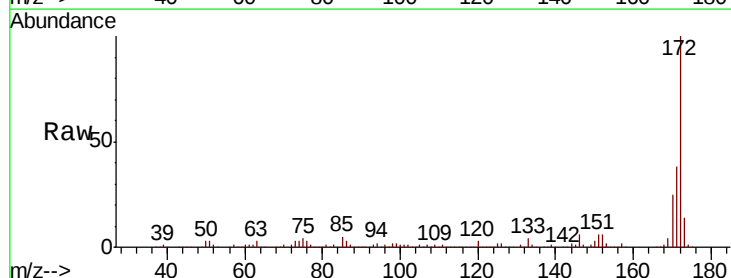
Tgt Ion:172 Resp: 619530

Ion Ratio Lower Upper

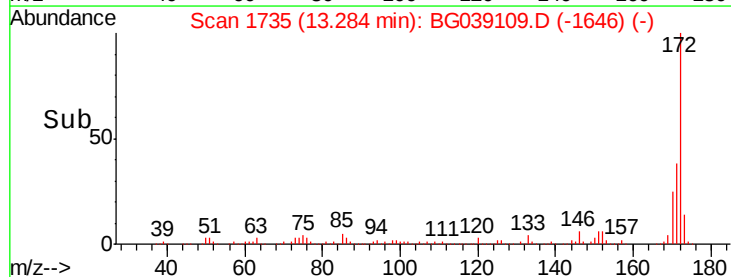
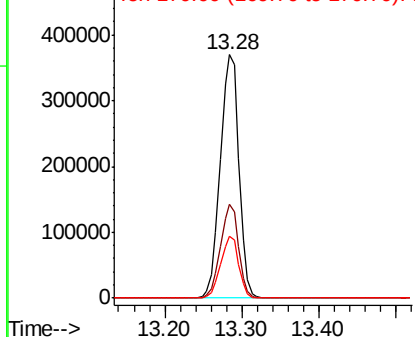
172 100

171 38.3 29.4 44.0

170 25.4 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: BG039109.D

Acq: 12 Jan 2019 8:31

Instrument :

BNA_G

ClientSampleId :

OR-02-011019-A

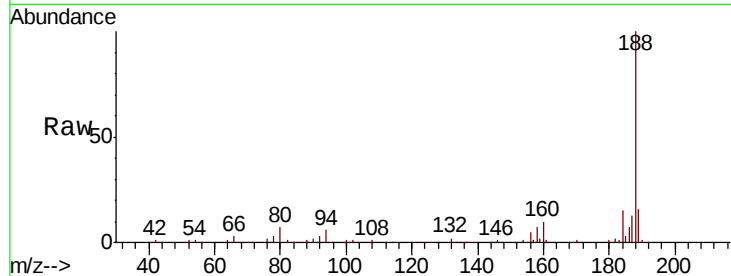
Tot Ion:188 Resp: 235434

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

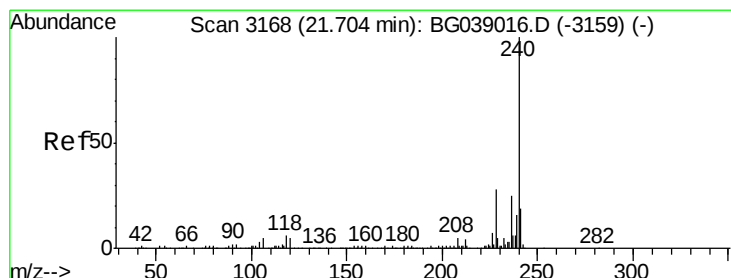
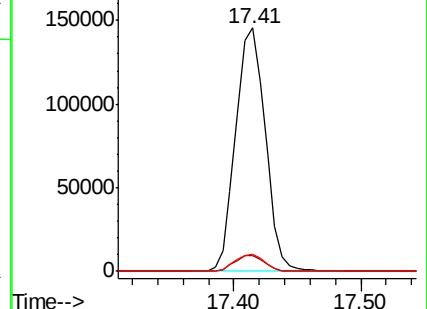
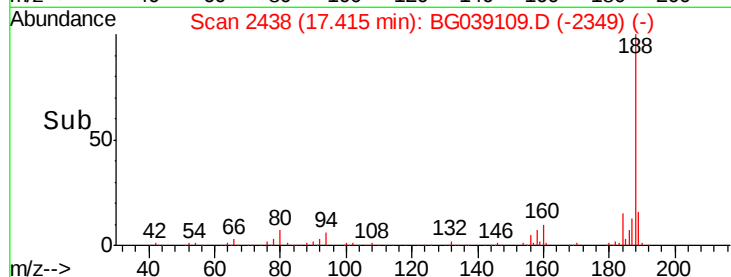
80 7.0 4.7 7.1



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# 3165

Delta R.T. -0.02 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

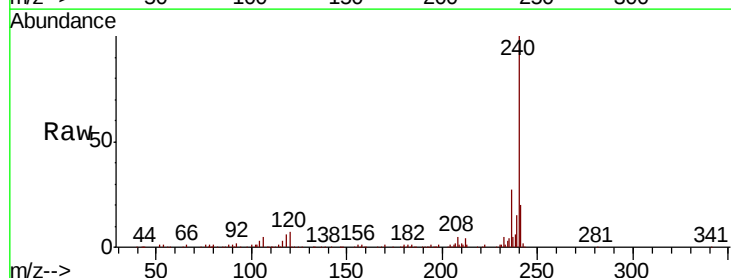
Tgt Ion:240 Resp: 218911

Ion Ratio Lower Upper

240 100

120 7.3 4.3 6.5#

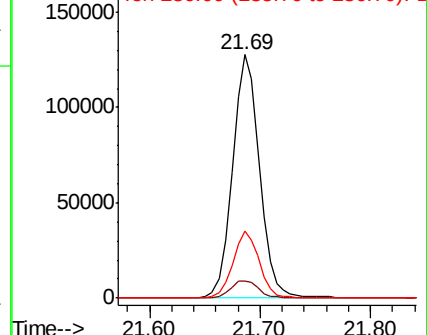
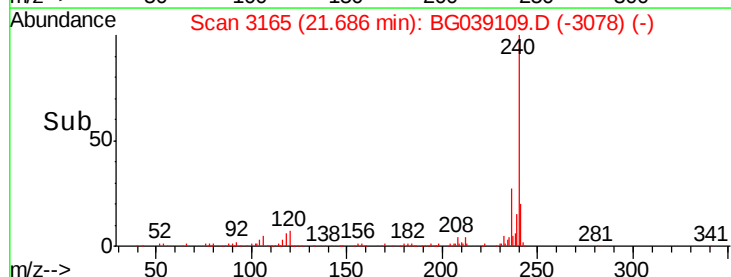
236 27.5 20.1 30.1

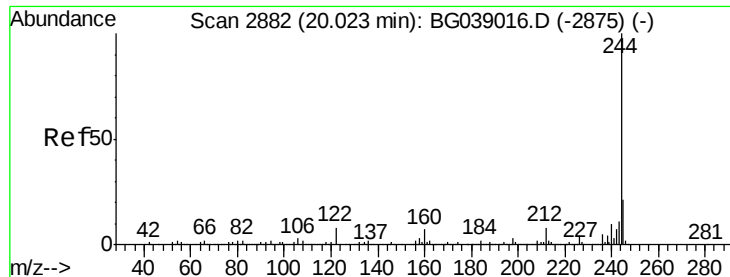


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.559 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

Instrument :

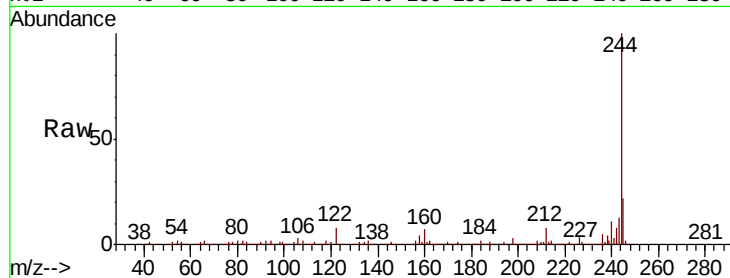
BNA_G

ClientSampleID :

OR-02-011019-A

Tot Ion:244 Resp: 1178156

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	8.0	6.1	9.1

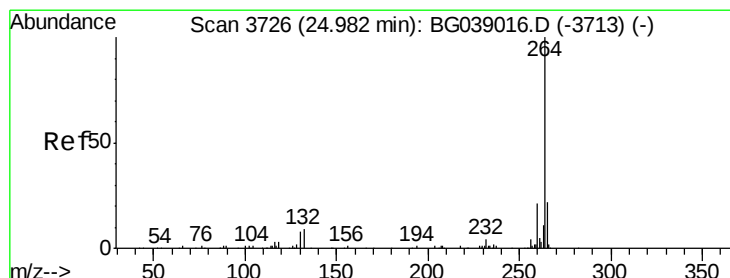
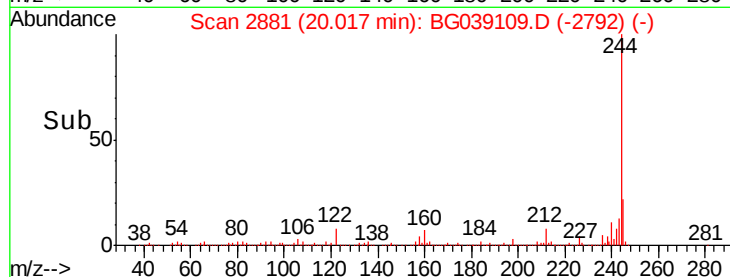
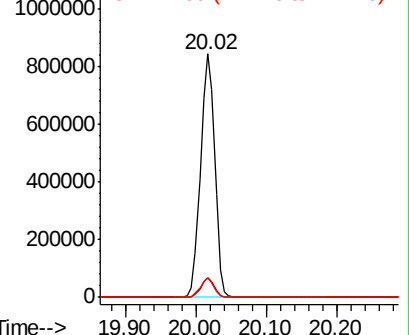


Abundance

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: 24.96 min Scan# 3722

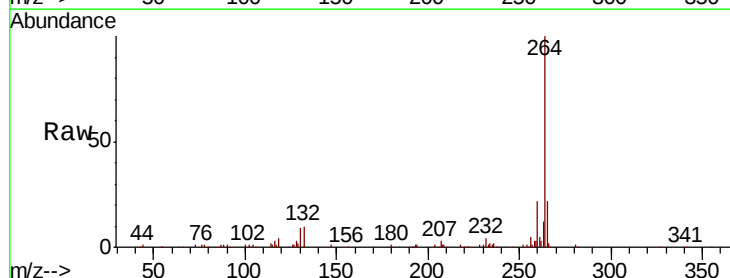
Delta R.T. -0.02 min

Lab File: BG039109.D

Acq: 12 Jan 2019 8:31

Tgt Ion:264 Resp: 221112

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	22.0	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

