

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039067.D
 Acq On : 11 Jan 2019 00:33
 Operator : JU/SJ
 Sample : K1005-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010918-B

Quant Time: Jan 11 05:55:03 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	21918	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	91312	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67569	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	177517	20.00	ng	0.00
76) Chrysene-d12	21.69	240	183573	20.00	ng	-0.01
87) Perylene-d12	24.98	264	194078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	149568	129.45	ng	0.00
7) Phenol-d6	7.19	99	187364	112.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	144193	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	152357	134.51	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	422660	85.61	ng	0.00
79) Terphenyl-d14	20.02	244	823295	82.96	ng	0.00

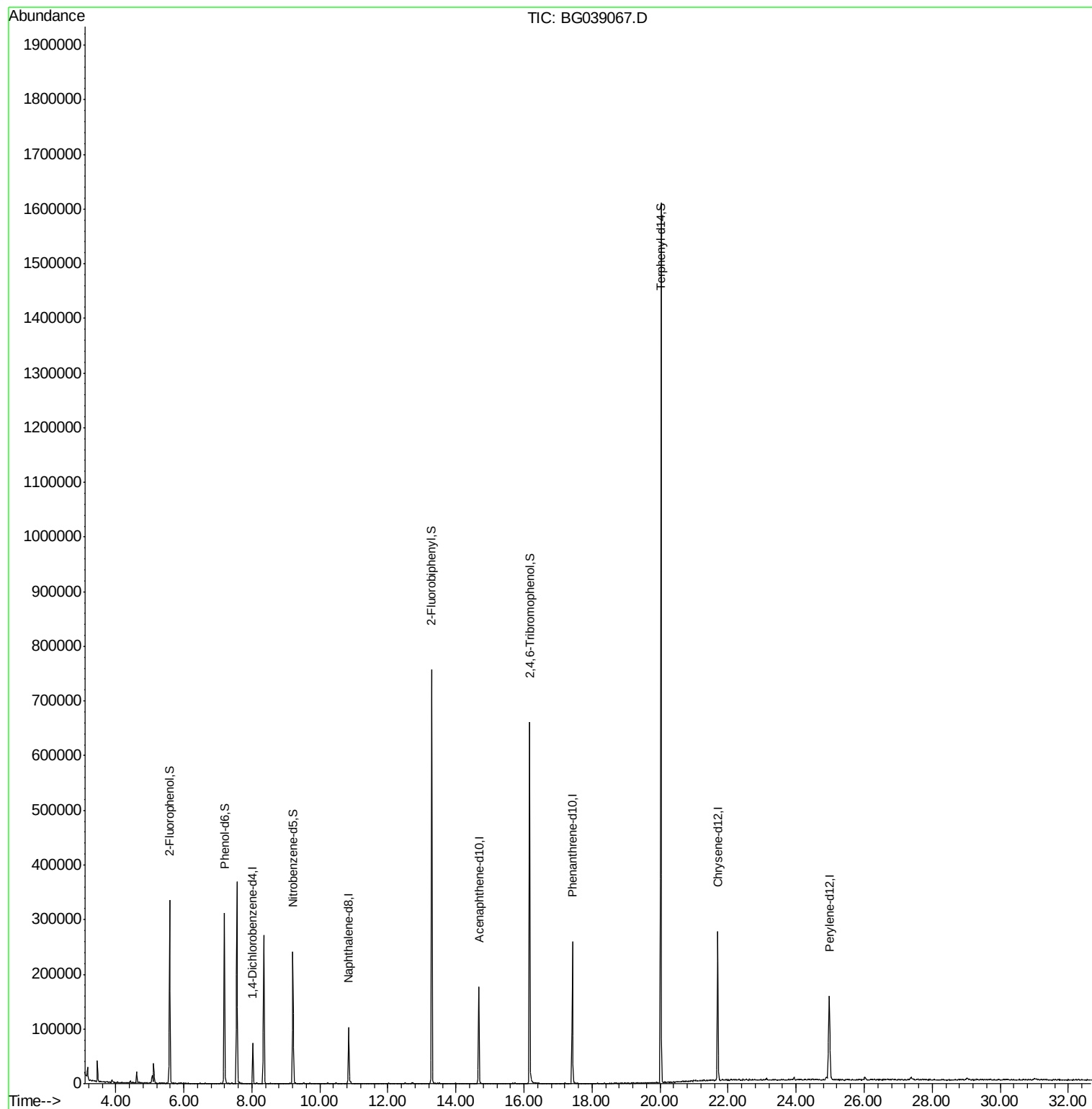
Target Compounds Qvalue

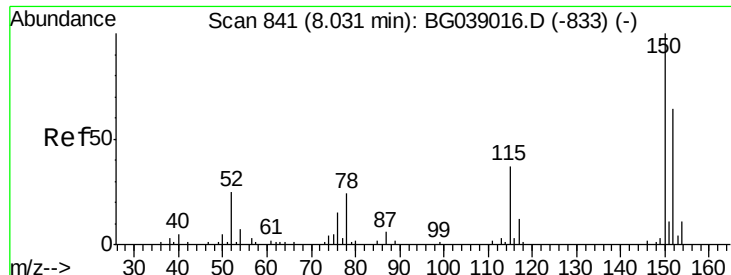
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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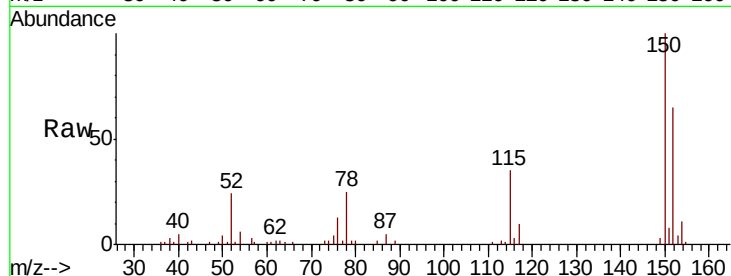




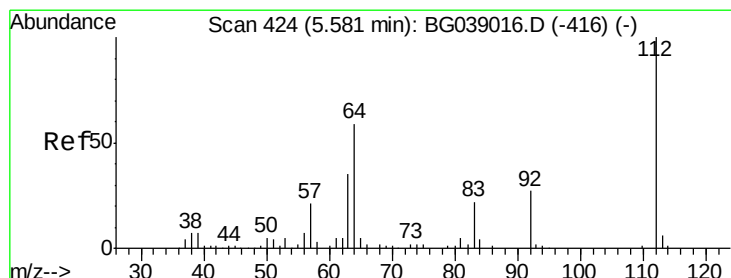
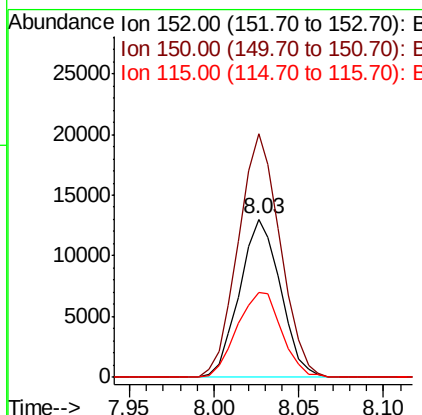
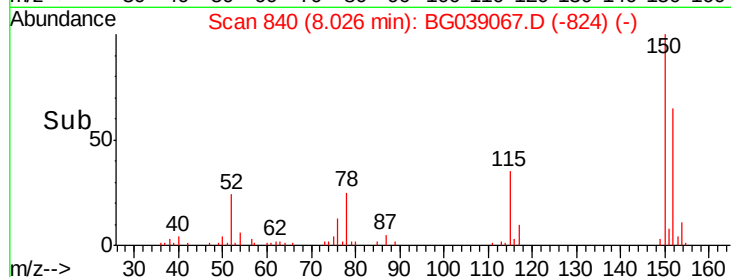
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG039067.D
 Acq: 11 Jan 2019 00:33

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010918-B

Tot Ion:152 Resp: 21918
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.7 187.1
 115 53.8 46.5 69.7

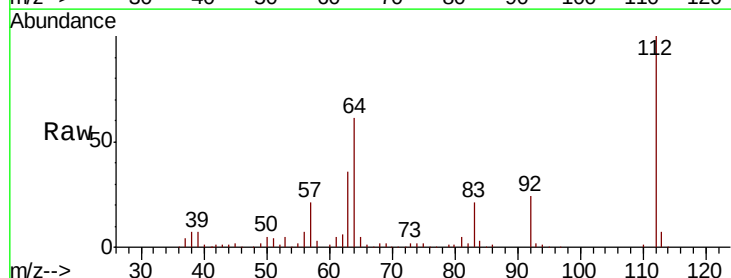


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

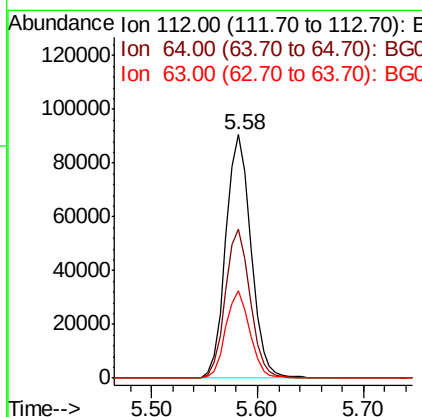
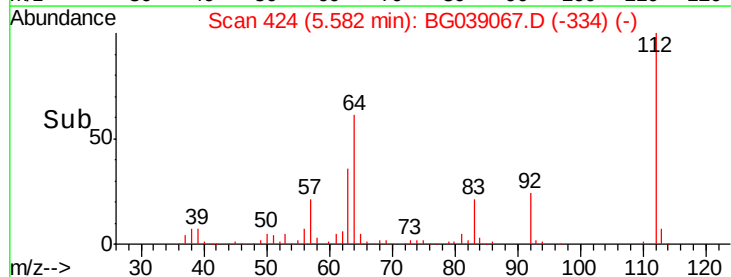


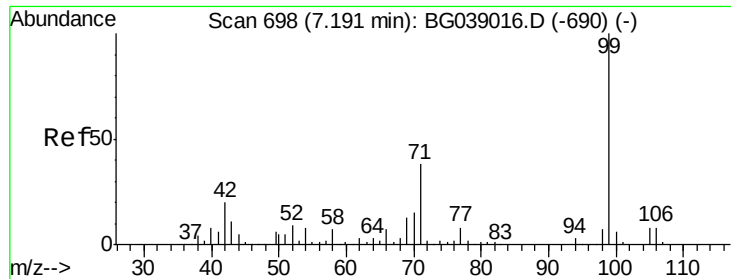
#5
 2-Fluorophenol
 Concen: 129.450 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BG039067.D
 Acq: 11 Jan 2019 00:33

Tgt Ion:112 Resp: 149568
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.0 70.6
 63 36.0 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: 112.680 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG039067.D

Acq: 11 Jan 2019 00:33

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-B

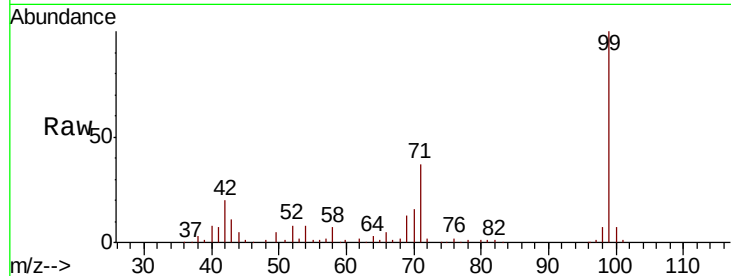
Tot Ion: 99 Resp: 187364

Ion Ratio Lower Upper

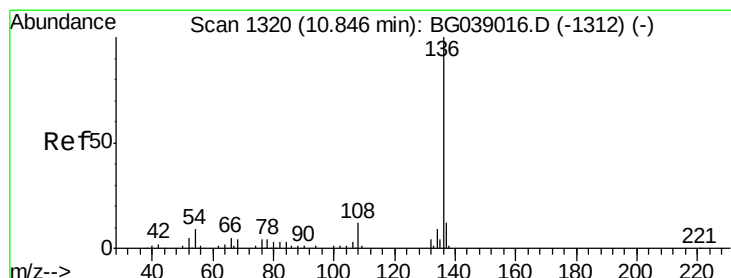
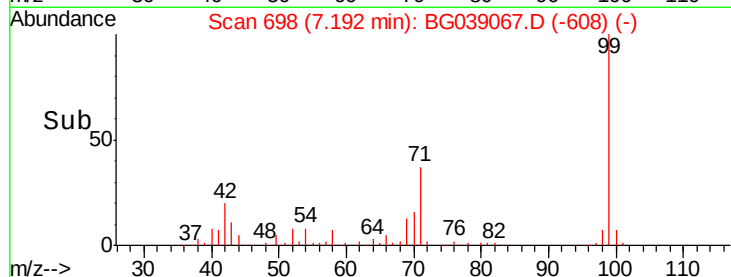
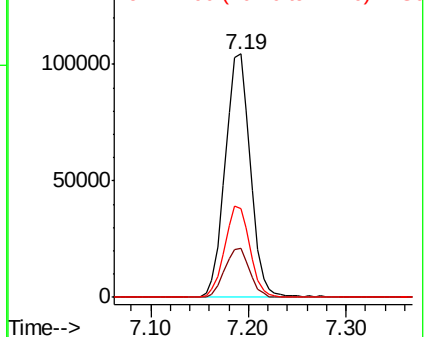
99 100

42 20.0 15.8 23.6

71 36.5 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: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG039067.D

Acq: 11 Jan 2019 00:33

Tgt Ion: 136 Resp: 91312

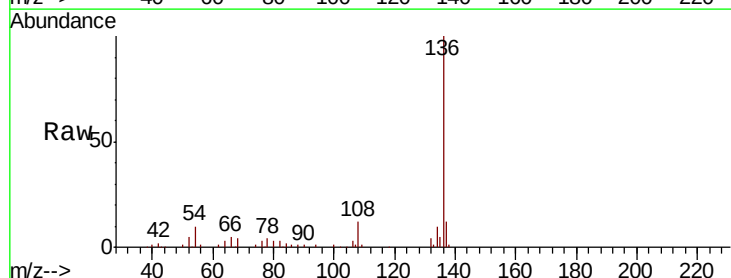
Ion Ratio Lower Upper

136 100

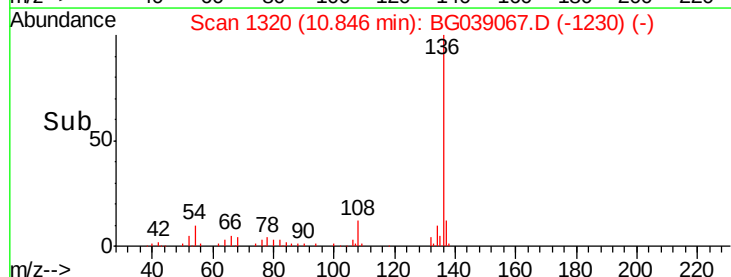
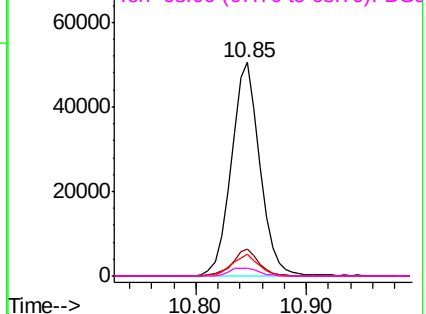
137 12.3 9.4 14.2

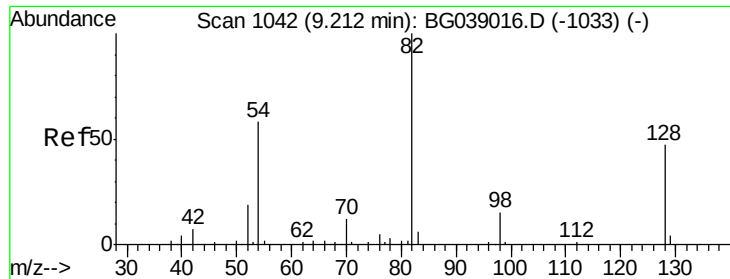
54 9.9 7.2 10.8

68 3.8 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

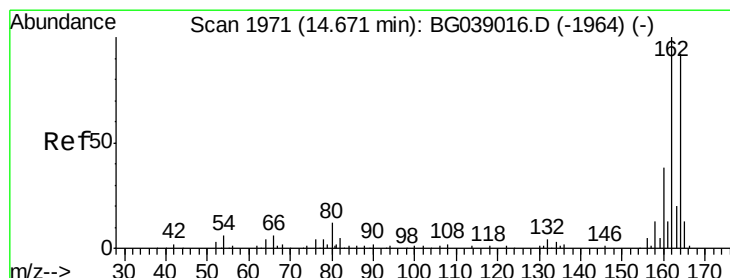
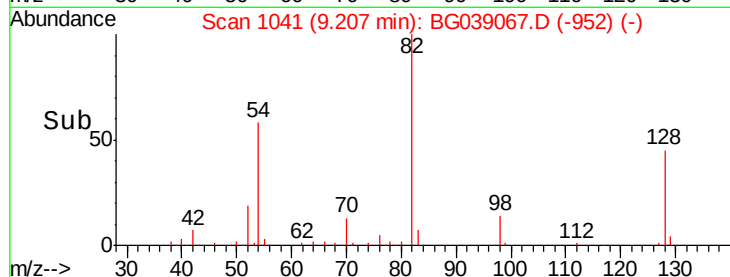
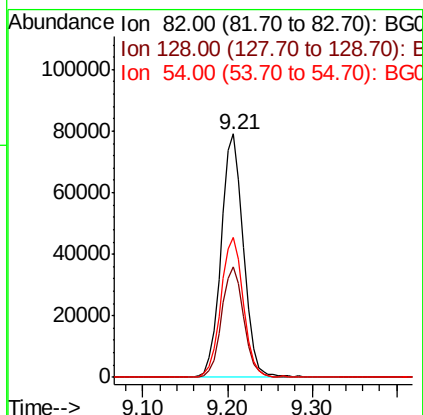
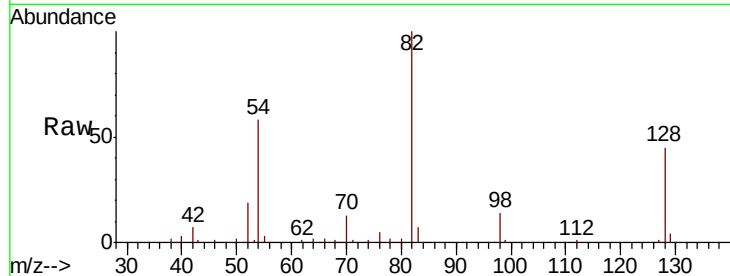




#23
 Nitrobenzene-d5
 Concen: 86.409 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039067.D
 Acq: 11 Jan 2019 00:33

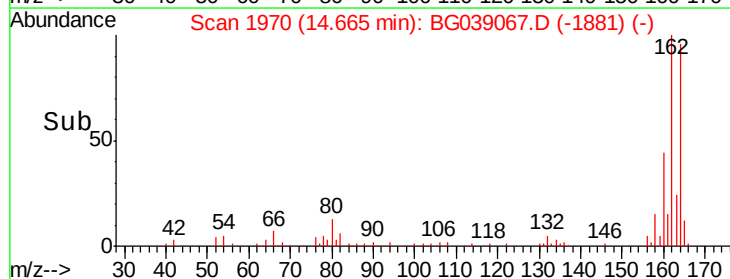
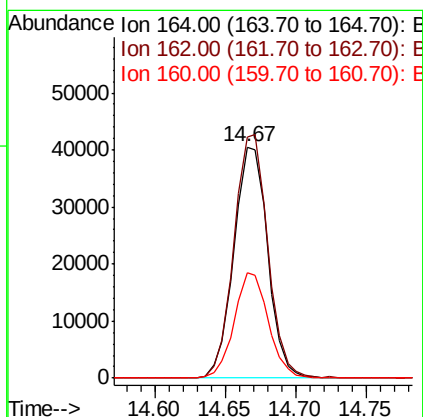
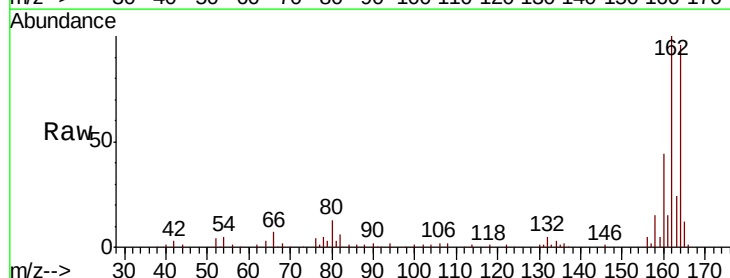
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010918-B

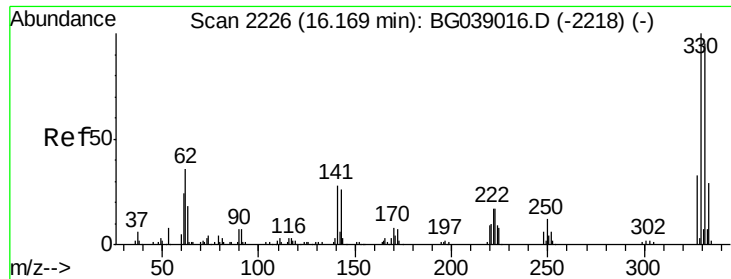
Tot Ion	82	Resp	144193
Ion Ratio	100	Lower	Upper
128	45.4	37.3	55.9
54	57.6	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039067.D
 Acq: 11 Jan 2019 00:33

Tgt Ion	164	Resp	67569
Ion Ratio	100	Lower	Upper
162	104.2	87.2	130.8
160	45.5	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 134.515 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039067.D

Acq: 11 Jan 2019 00:33

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-B

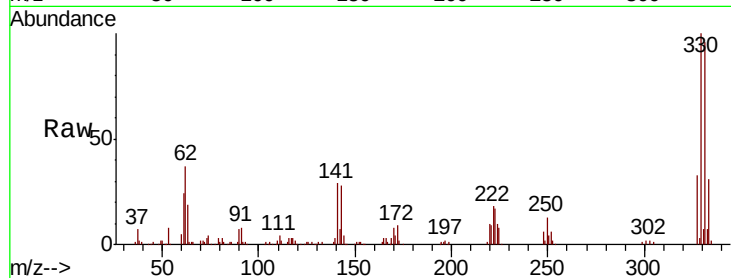
Tot Ion:330 Resp: 152357

Ion Ratio Lower Upper

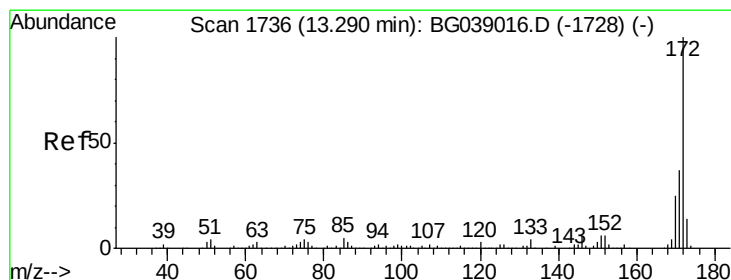
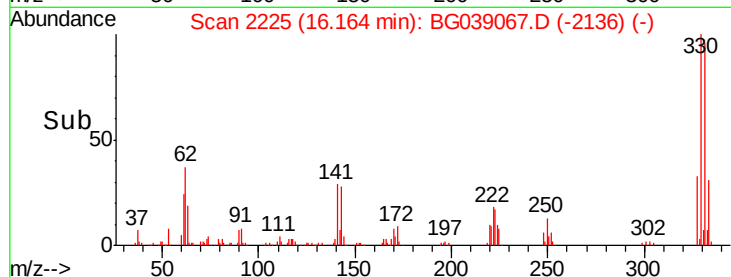
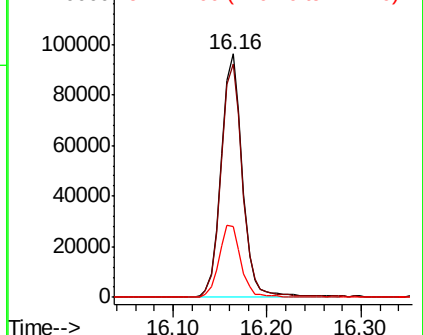
330 100

332 96.8 75.7 113.5

141 30.3 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: 85.607 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039067.D

Acq: 11 Jan 2019 00:33

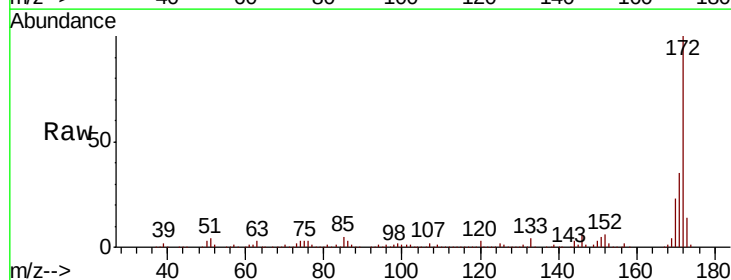
Tgt Ion:172 Resp: 422660

Ion Ratio Lower Upper

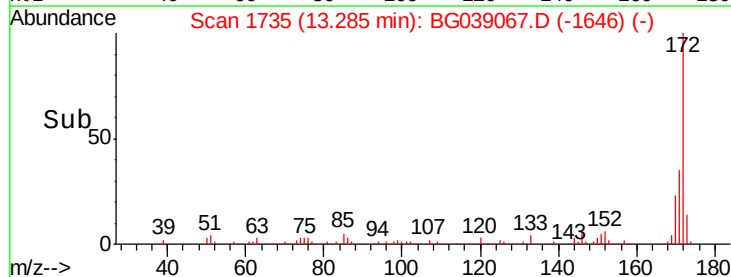
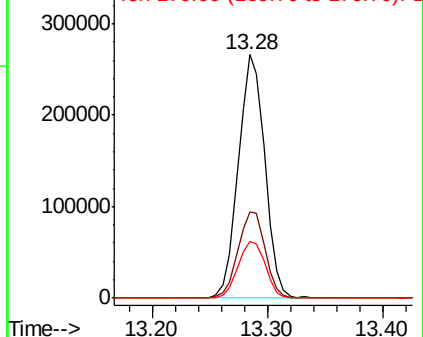
172 100

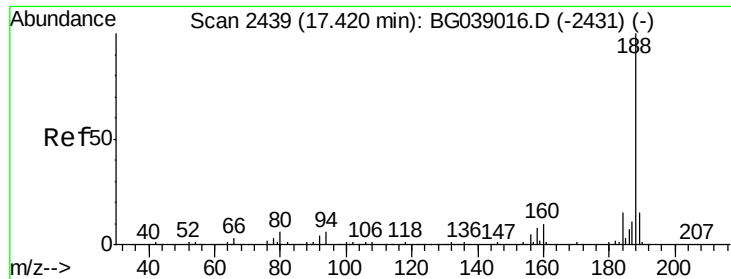
171 35.5 29.4 44.0

170 23.5 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: BG039067.D

Acq: 11 Jan 2019 00:33

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-B

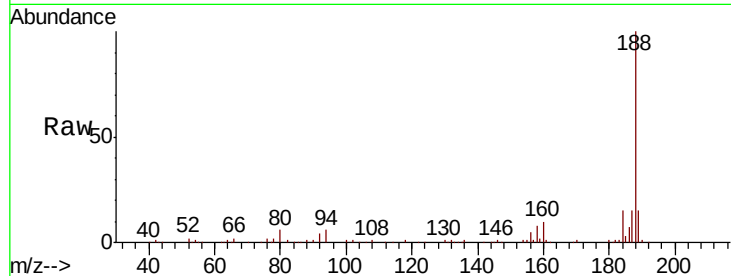
Tot Ion:188 Resp: 177517

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

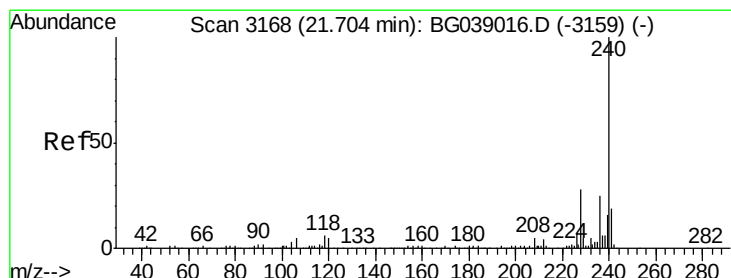
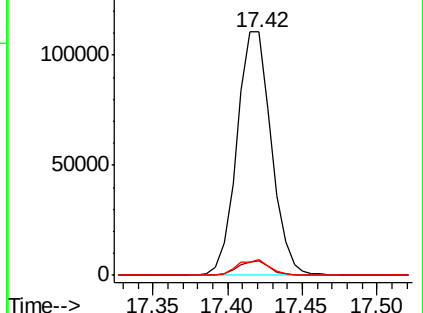
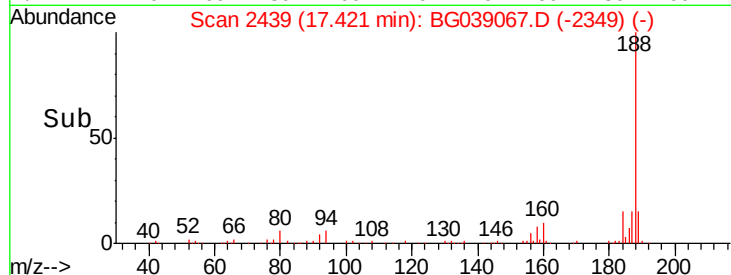
80 6.5 4.7 7.1



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: BG039067.D

Acq: 11 Jan 2019 00:33

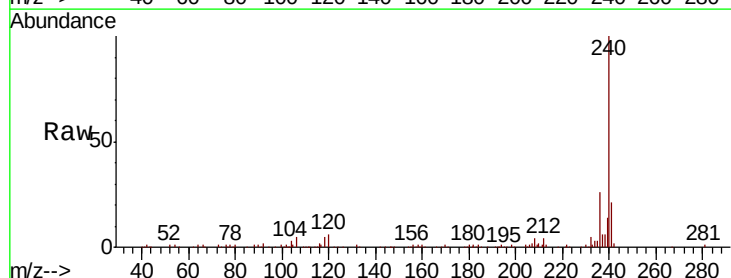
Tgt Ion:240 Resp: 183573

Ion Ratio Lower Upper

240 100

120 5.6 4.3 6.5

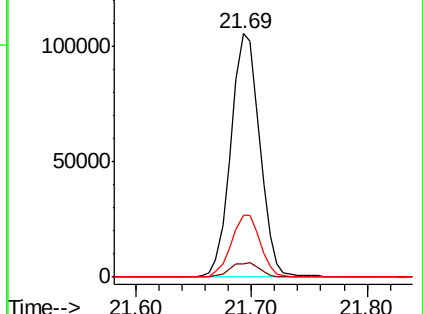
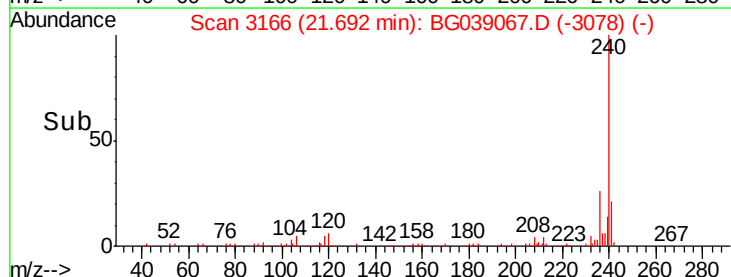
236 25.5 20.1 30.1

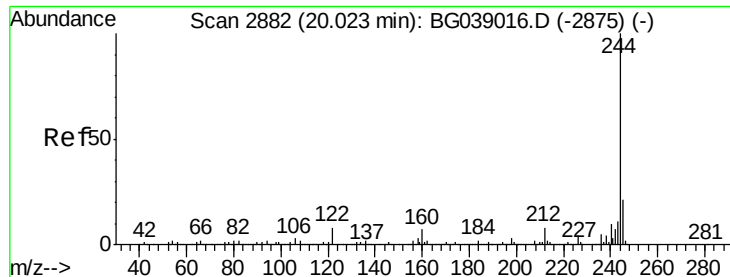


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.965 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039067.D

Acq: 11 Jan 2019 00:33

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-B

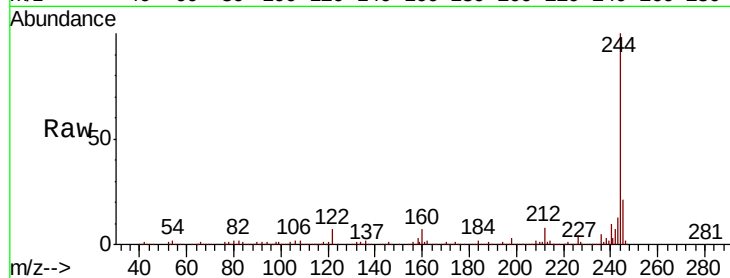
Tot Ion:244 Resp: 823295

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

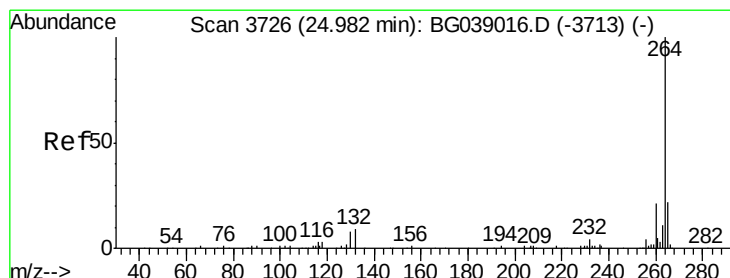
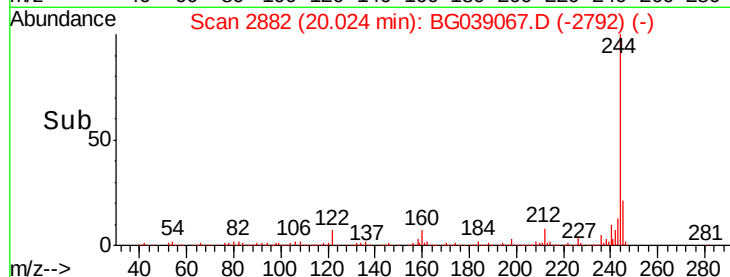
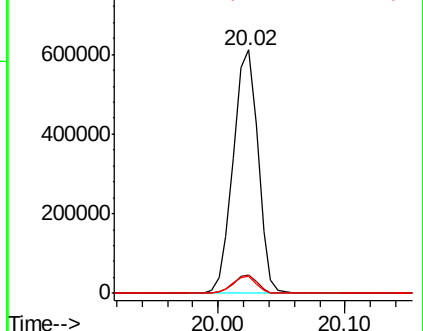
122 6.8 6.1 9.1



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: 24.98 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039067.D

Acq: 11 Jan 2019 00:33

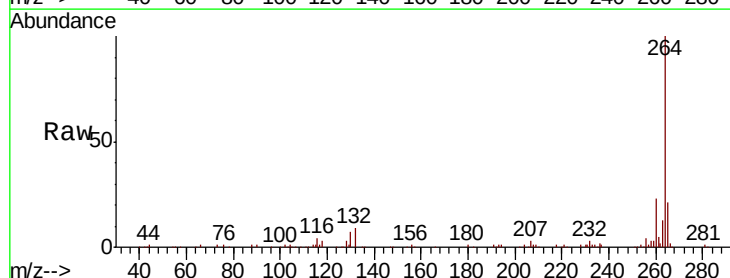
Tgt Ion:264 Resp: 194078

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

265 21.3 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

