

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039073.D
 Acq On : 11 Jan 2019 4:29
 Operator : JU/SJ
 Sample : K1005-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jan 11 06:05:03 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	21855	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86059	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	62296	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	174264	20.00	ng	0.00
76) Chrysene-d12	21.70	240	198371	20.00	ng	0.00
87) Perylene-d12	24.97	264	209627	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	153828	133.52	ng	0.00
7) Phenol-d6	7.19	99	187200	112.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	147933	94.06	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	157029	150.37	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	409780	90.02	ng	0.00
79) Terphenyl-d14	20.02	244	971937	90.64	ng	0.00

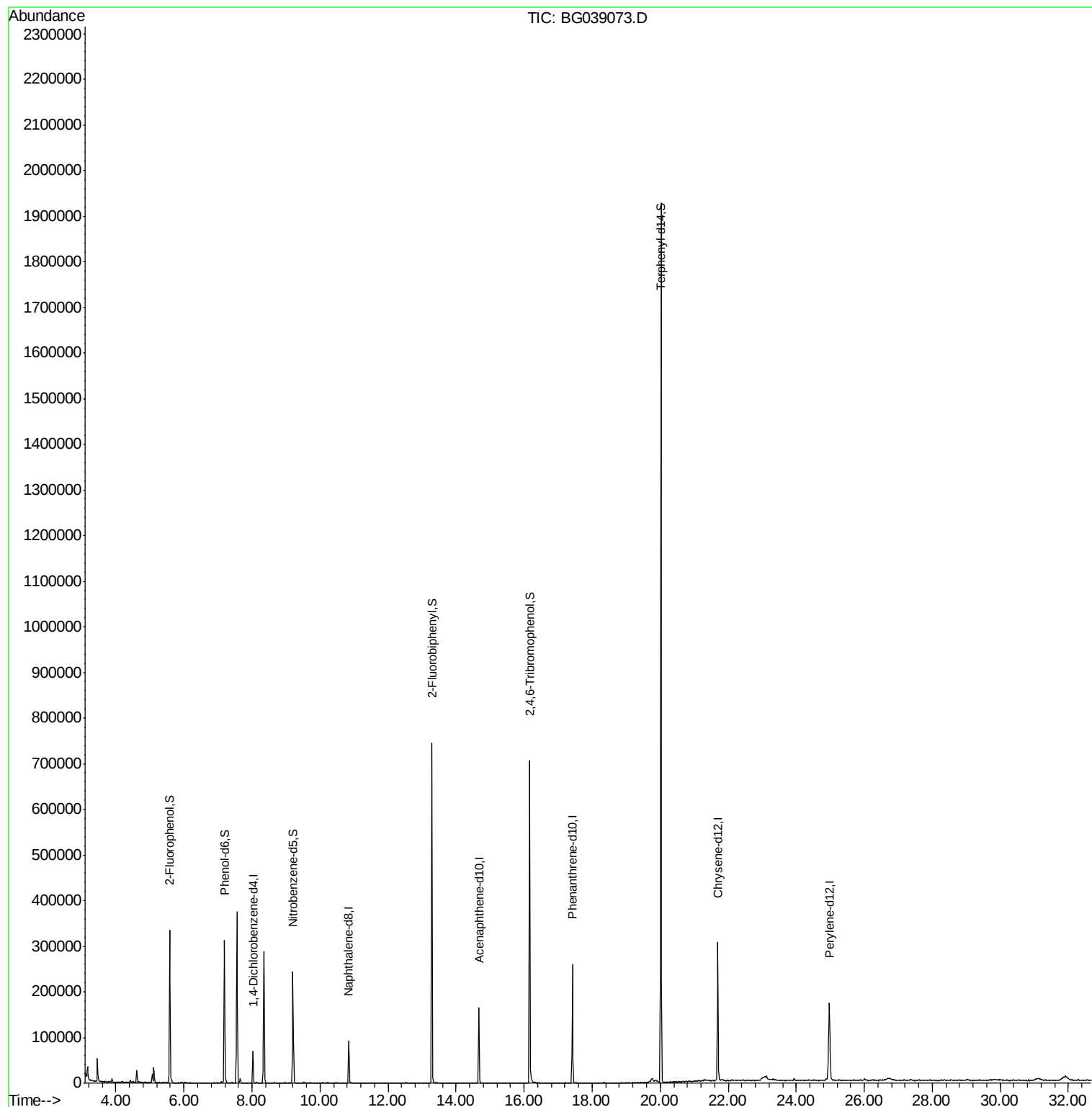
Target Compounds Qvalue

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

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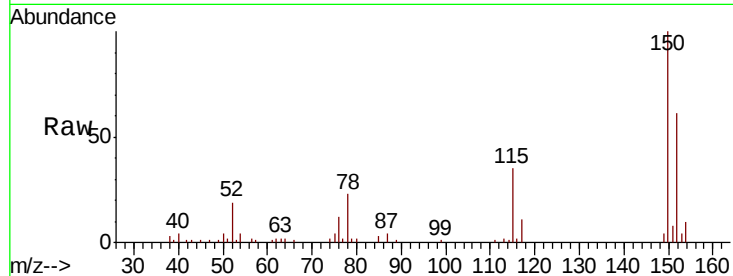


#1

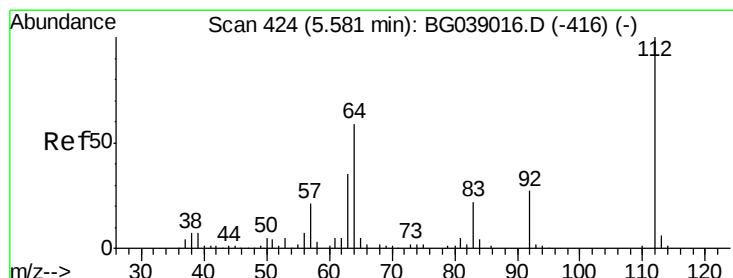
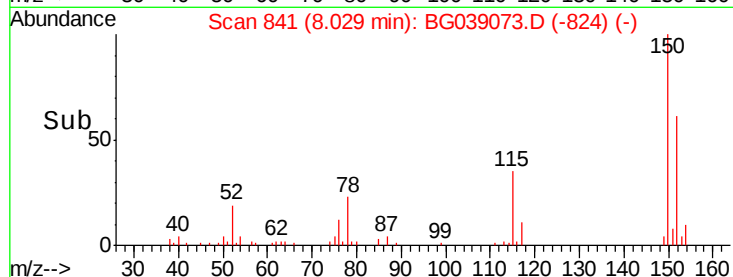
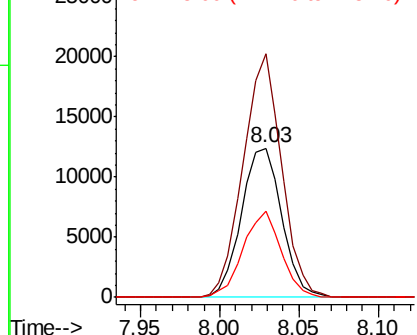
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039073.D
Acq: 11 Jan 2019 4:29

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

Tot Ion:152 Resp: 21855
Ion Ratio Lower Upper
152 100
150 163.2 124.7 187.1
115 57.8 46.5 69.7



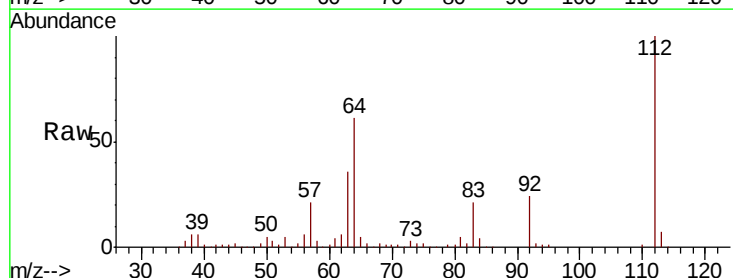
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



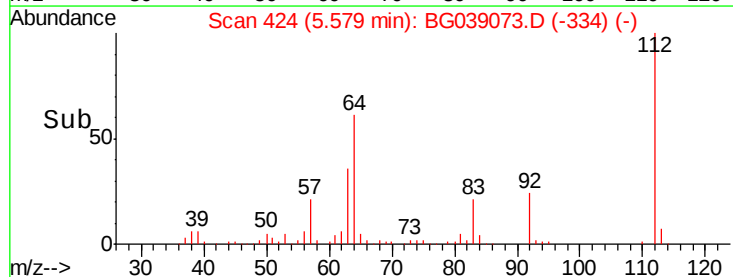
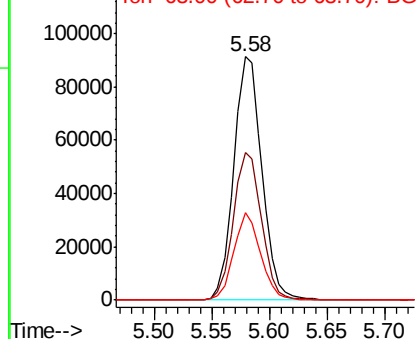
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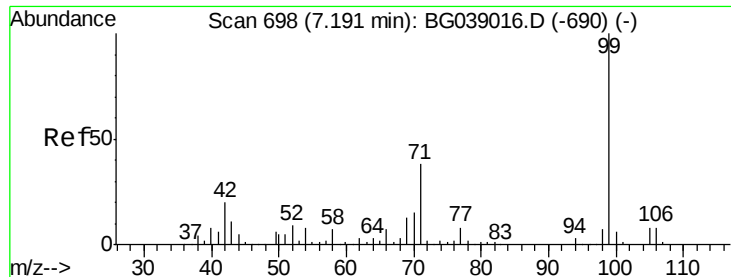
2-Fluorophenol
Concen: 133.520 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039073.D
Acq: 11 Jan 2019 4:29

Tgt Ion:112 Resp: 153828
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 35.9 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: 112.906 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039073.D

Acq: 11 Jan 2019 4:29

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-C

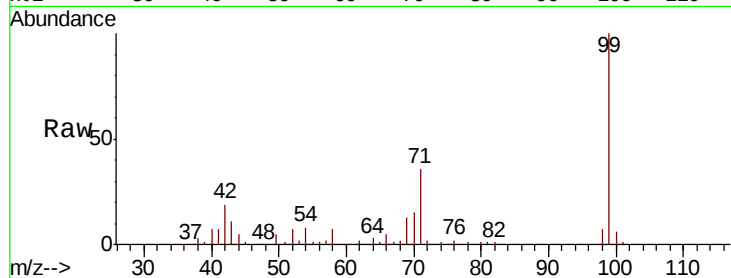
Tot Ion: 99 Resp: 187200

Ion Ratio Lower Upper

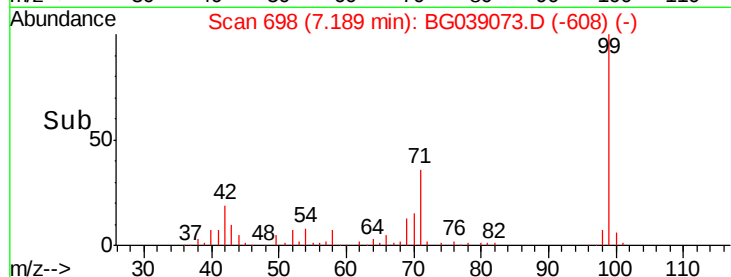
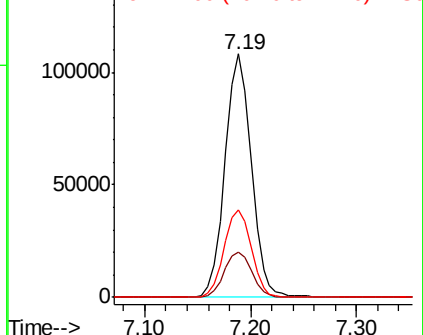
99 100

42 18.8 15.8 23.6

71 36.0 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: BG039073.D

Acq: 11 Jan 2019 4:29

Tgt Ion: 136 Resp: 86059

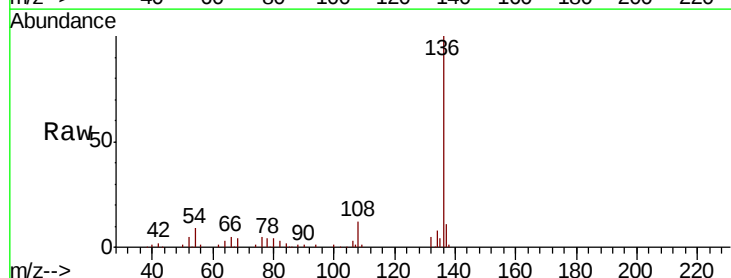
Ion Ratio Lower Upper

136 100

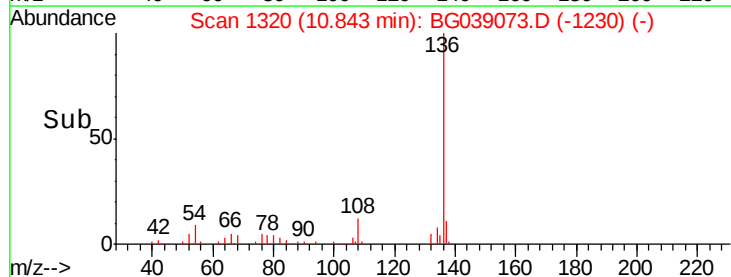
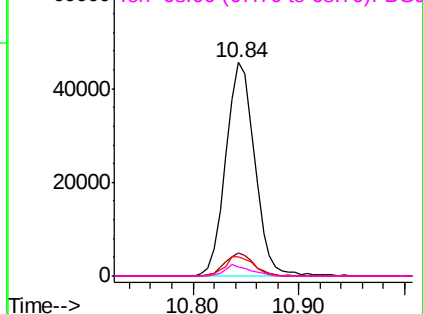
137 10.7 9.4 14.2

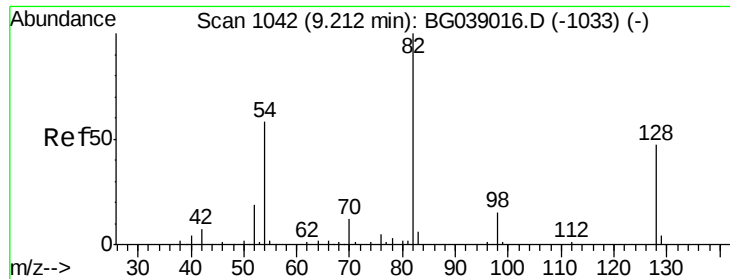
54 9.3 7.2 10.8

68 4.4 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

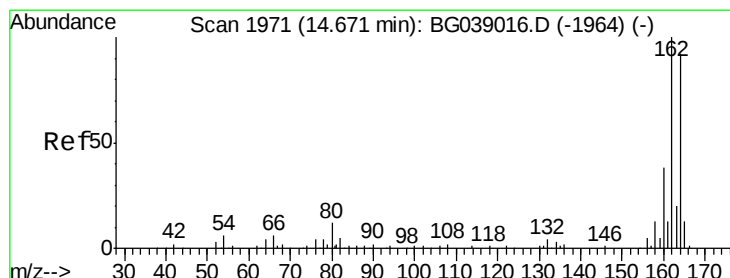
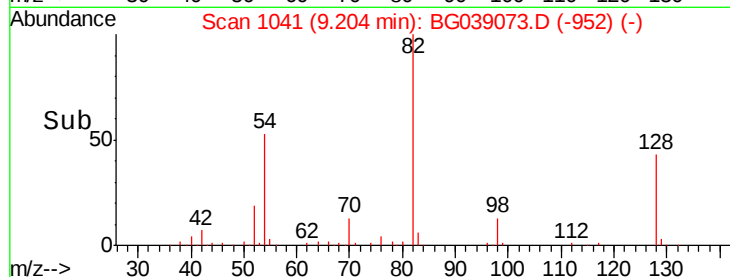
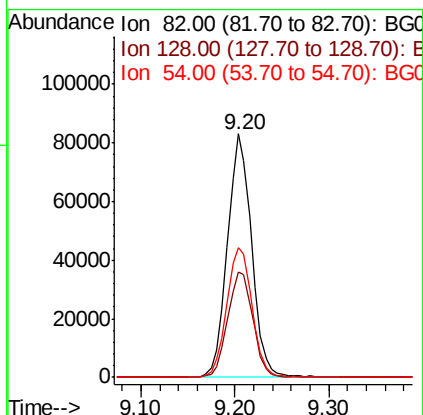
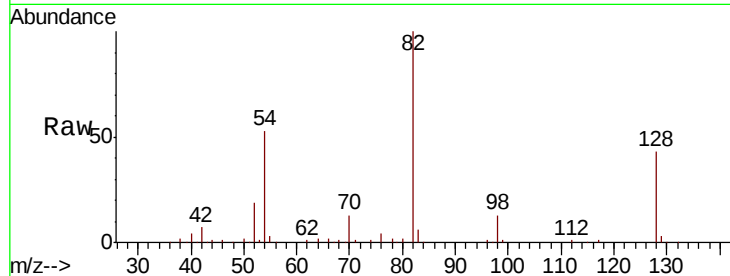




#23
 Nitrobenzene-d5
 Concen: 94.061 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039073.D
 Acq: 11 Jan 2019 4:29

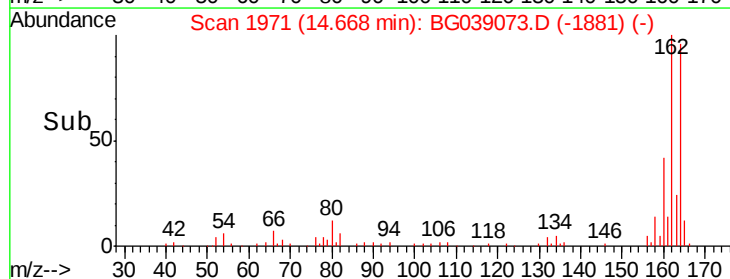
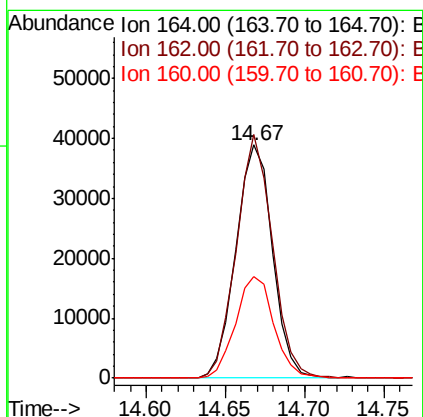
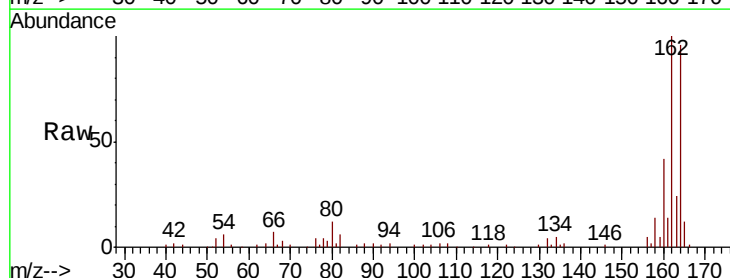
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010918-C

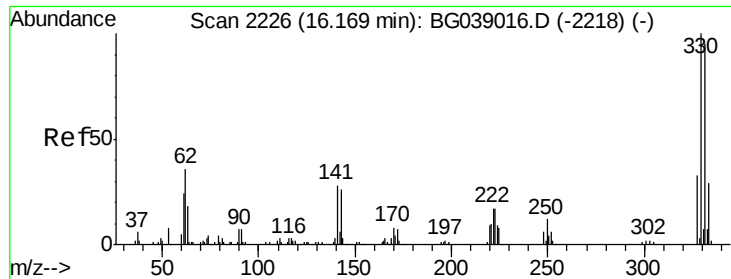
Tot Ion	82	Resp	147933
Ion Ratio	Lower	Upper	
82	100		
128	43.1	37.3	55.9
54	53.0	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039073.D
 Acq: 11 Jan 2019 4:29

Tgt Ion	164	Resp	62296
Ion Ratio	Lower	Upper	
164	100		
162	104.6	87.2	130.8
160	43.8	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 150.374 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039073.D

Acq: 11 Jan 2019 4:29

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-C

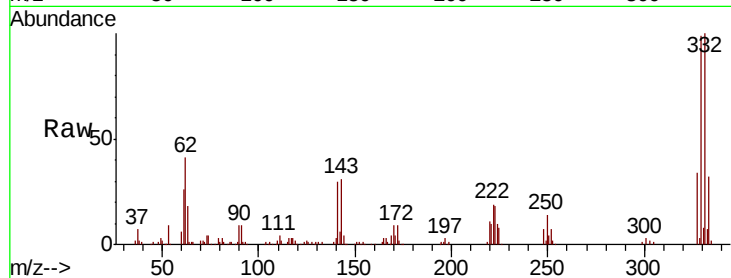
Tot Ion:330 Resp: 157029

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

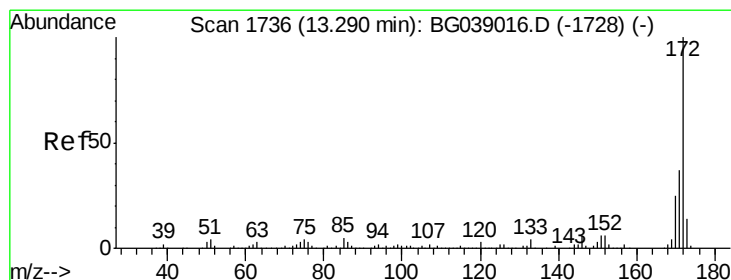
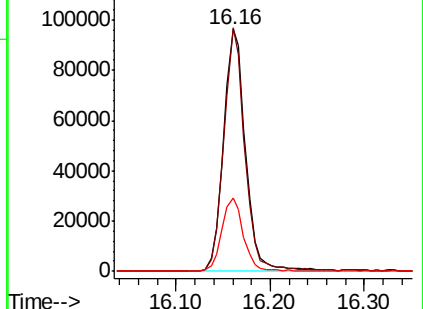
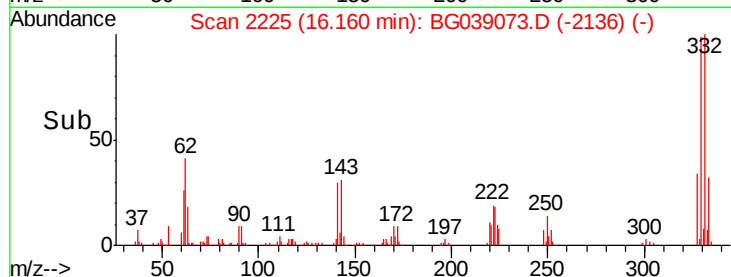
141 30.3 24.9 37.3



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: 90.023 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039073.D

Acq: 11 Jan 2019 4:29

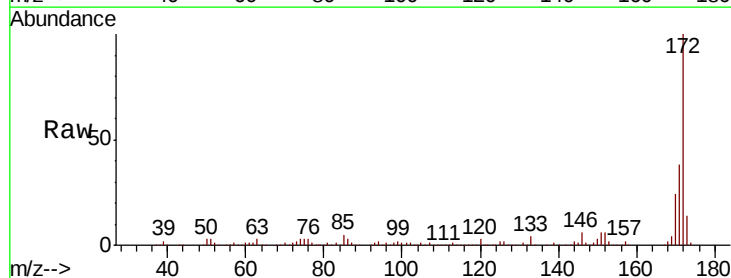
Tgt Ion:172 Resp: 409780

Ion Ratio Lower Upper

172 100

171 37.8 29.4 44.0

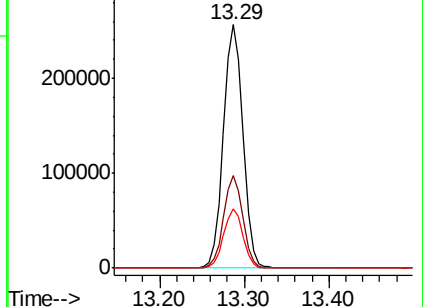
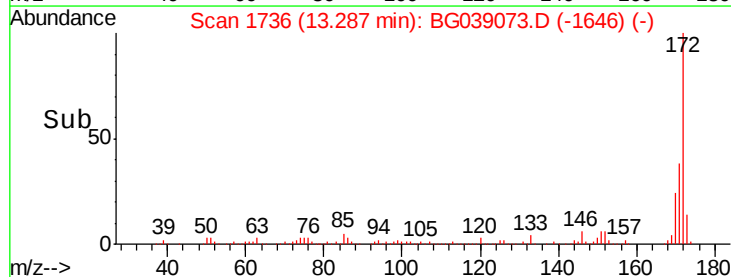
170 24.4 20.1 30.1

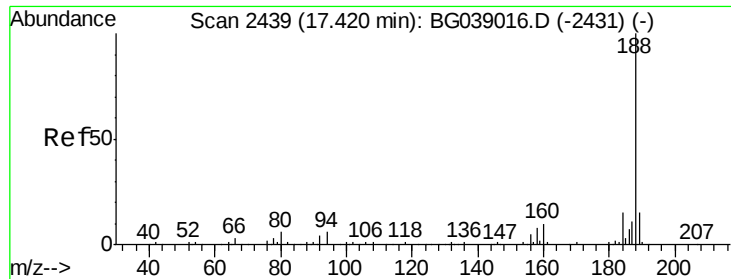


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

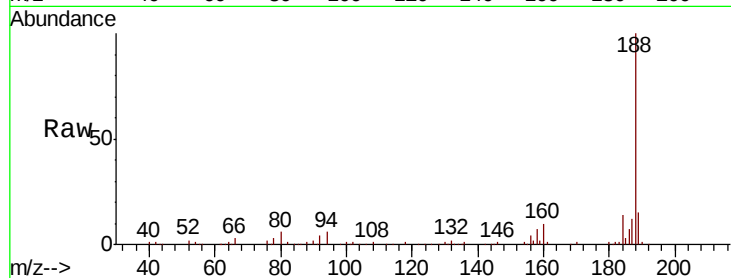




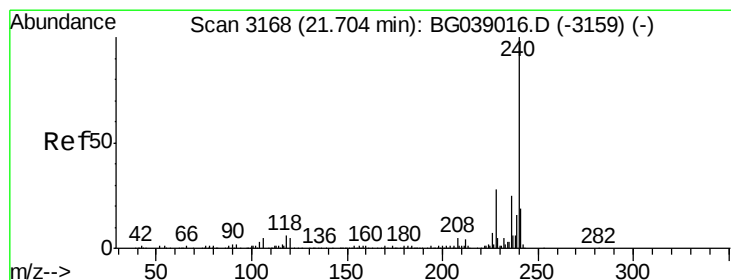
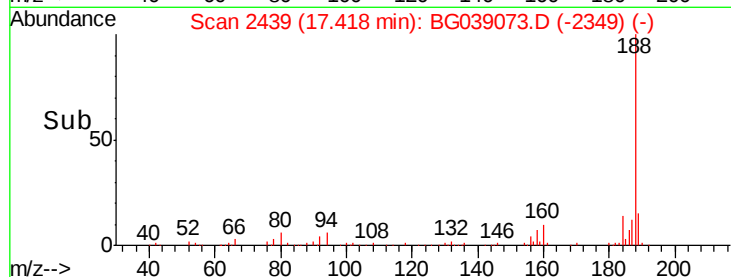
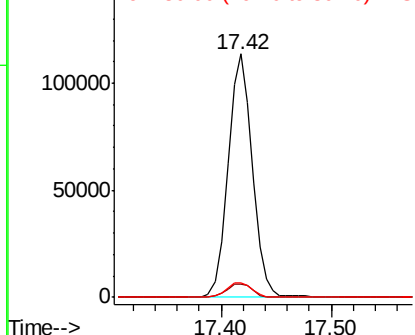
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039073.D
Acq: 11 Jan 2019 4:29

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

Tot Ion:188 Resp: 174264
Ion Ratio Lower Upper
188 100
94 5.5 5.0 7.4
80 6.2 4.7 7.1

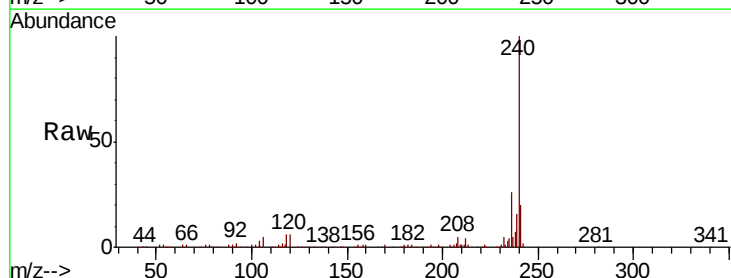


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

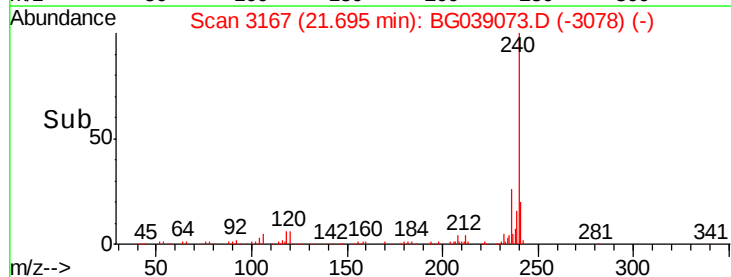
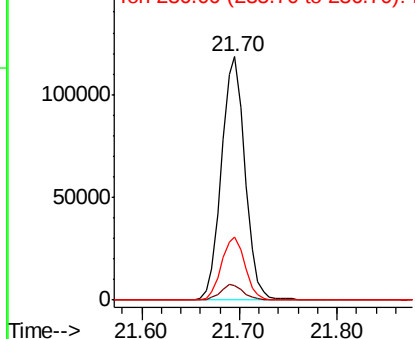


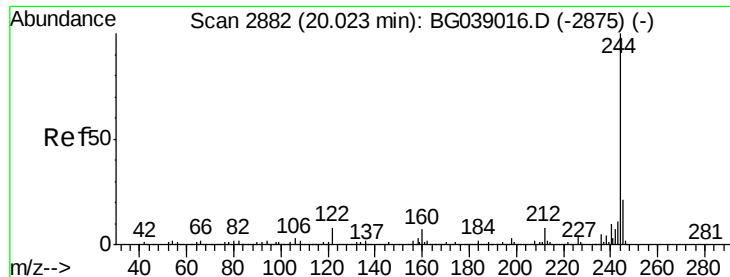
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039073.D
Acq: 11 Jan 2019 4:29

Tgt Ion:240 Resp: 198371
Ion Ratio Lower Upper
240 100
120 6.1 4.3 6.5
236 25.8 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: 90.637 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039073.D

Acq: 11 Jan 2019 4:29

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-C

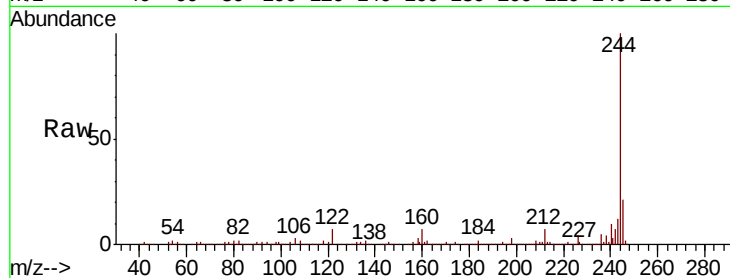
Tot Ion:244 Resp: 971937

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

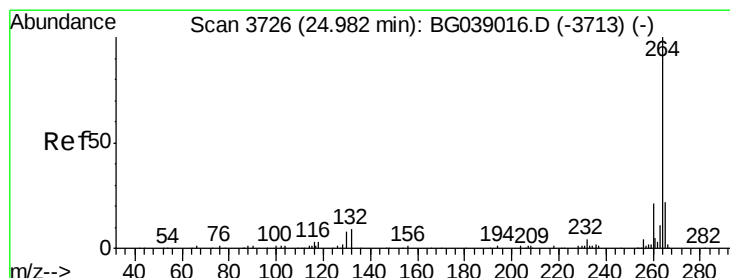
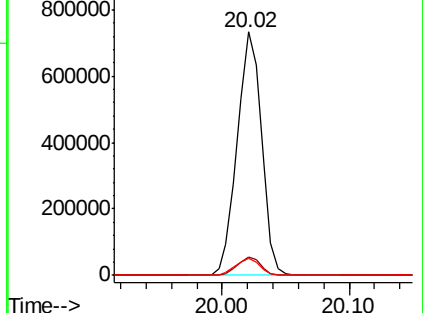
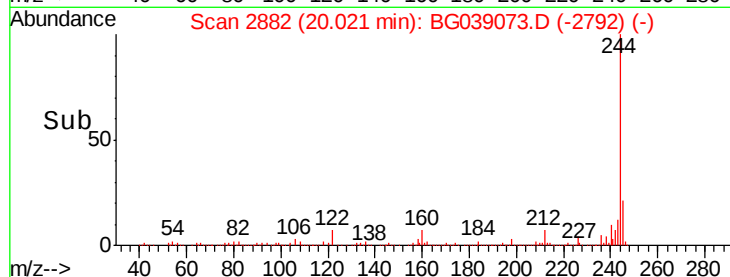
122 7.1 6.1 9.1



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: BG039073.D

Acq: 11 Jan 2019 4:29

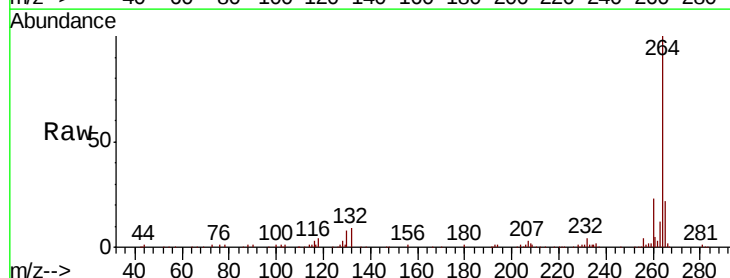
Tgt Ion:264 Resp: 209627

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

265 21.5 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

