

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039036.D
 Acq On : 10 Jan 2019 1:03
 Operator : JU/SJ
 Sample : K1087-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-445-C

Quant Time: Jan 10 05:02:02 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

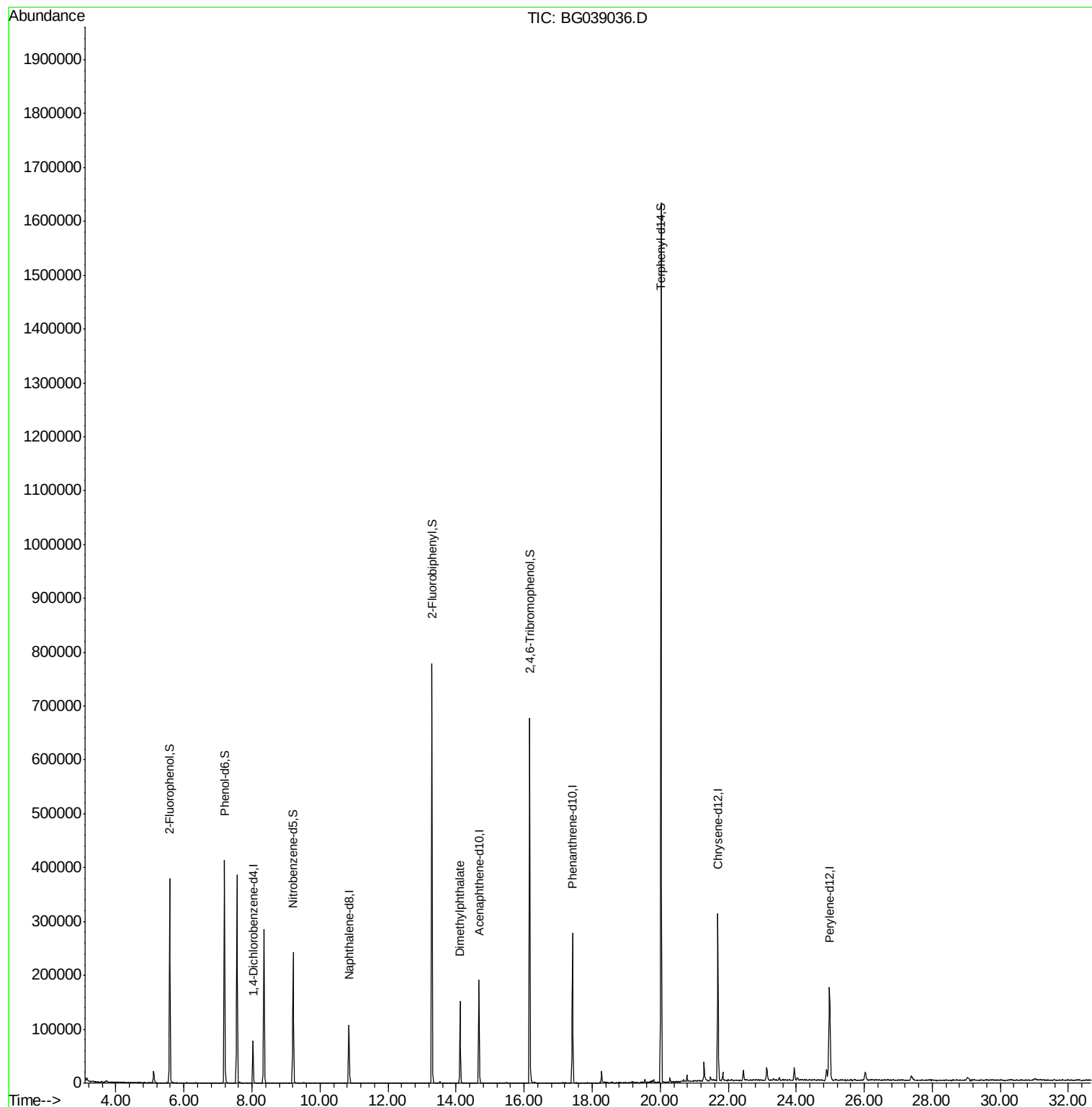
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23501	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99825	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	73537	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	193019	20.00	ng	0.00
76) Chrysene-d12	21.70	240	198124	20.00	ng	0.00
87) Perylene-d12	24.98	264	213914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	170118	137.32	ng	0.00
7) Phenol-d6	7.19	99	244735	137.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	146821	80.48	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	152629	123.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	436641	81.26	ng	0.00
79) Terphenyl-d14	20.03	244	842360	78.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	106120	17.077	ng	Qvalue 97

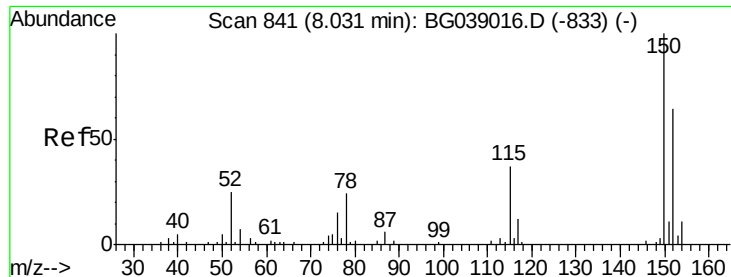
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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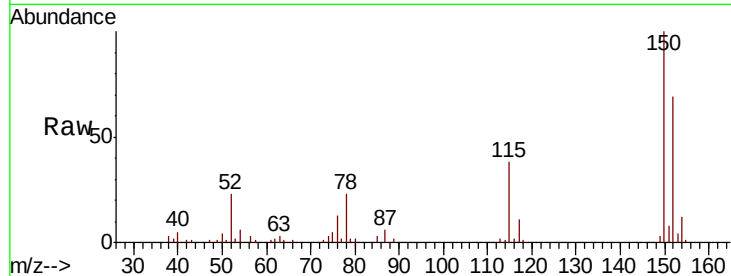


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :
MH-445-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	124.7	187.1
115	54.8	46.5	69.7

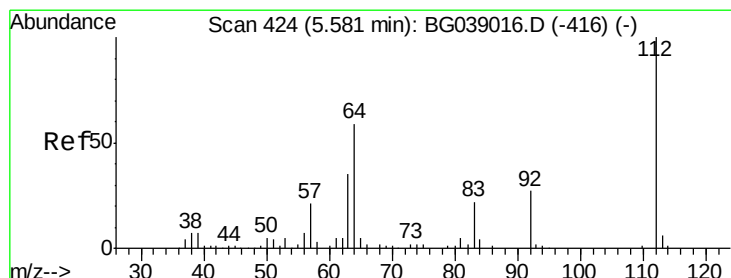
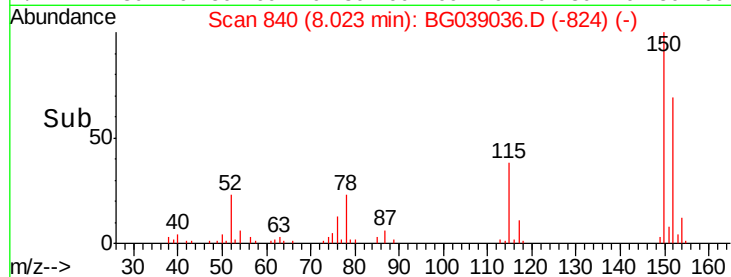
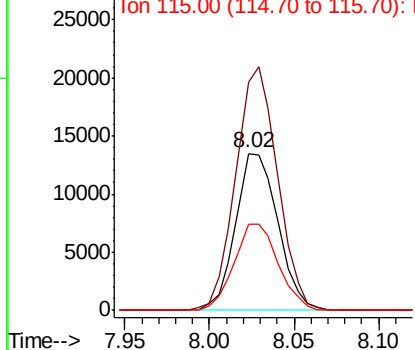


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

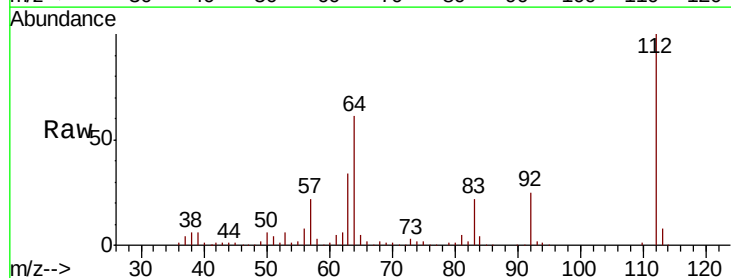
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.318 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.0	70.6
63	34.4	28.0	42.0

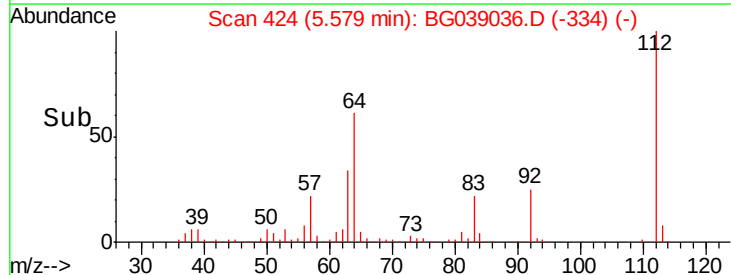
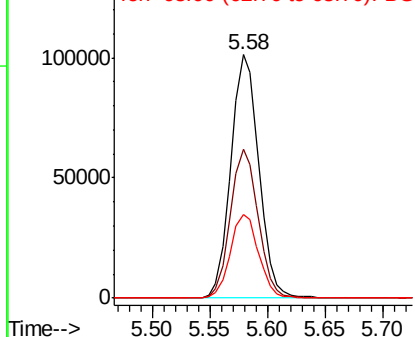


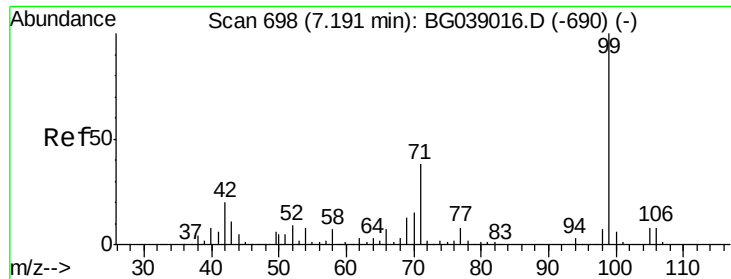
Abundance

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: 137.269 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

MH-445-C

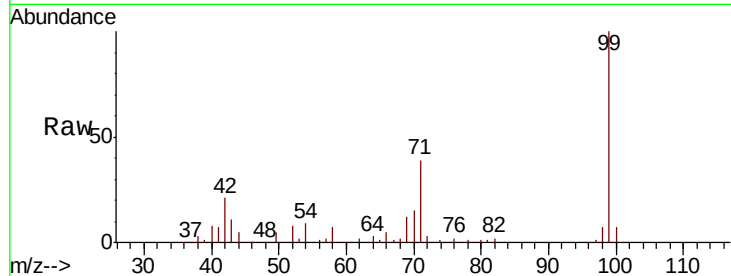
Tot Ion: 99 Resp: 244735

Ion Ratio Lower Upper

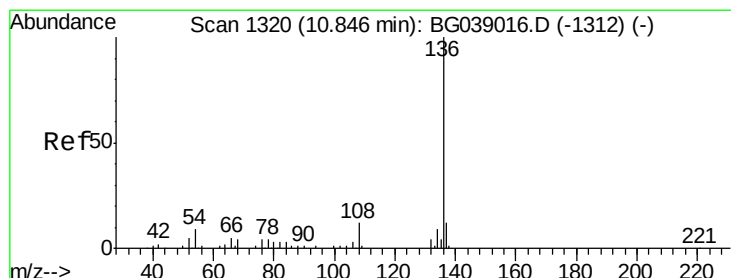
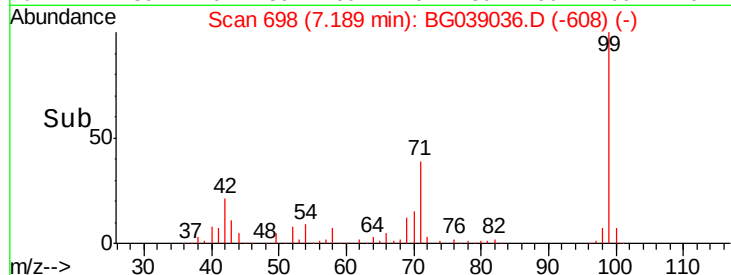
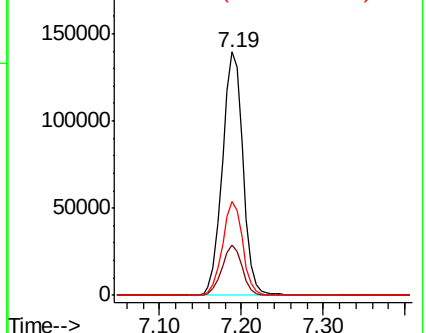
99 100

42 20.6 15.8 23.6

71 38.5 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# 1321

Delta R.T. 0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Tgt Ion: 136 Resp: 99825

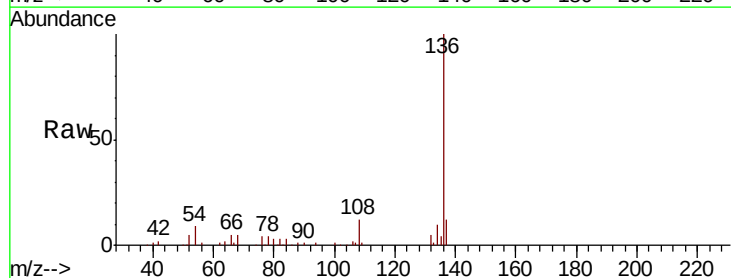
Ion Ratio Lower Upper

136 100

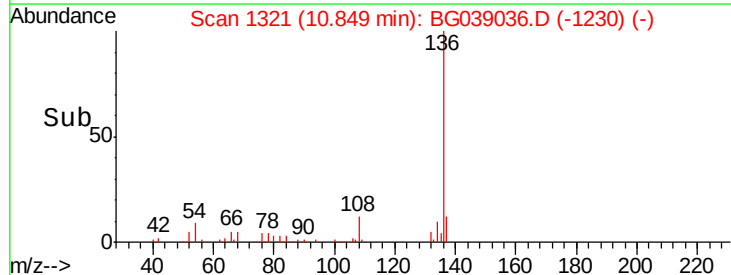
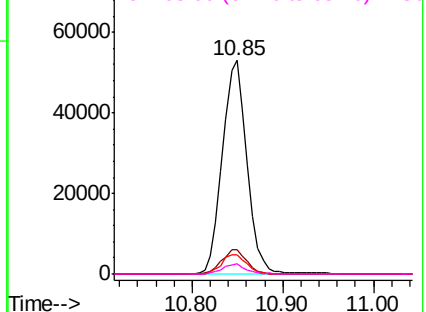
137 11.6 9.4 14.2

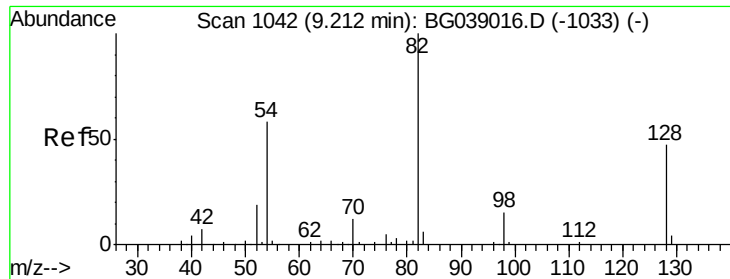
54 8.8 7.2 10.8

68 4.7 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

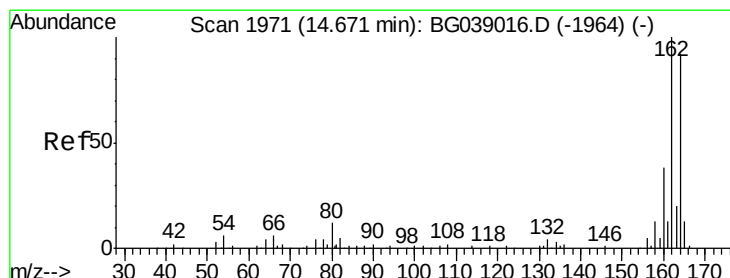
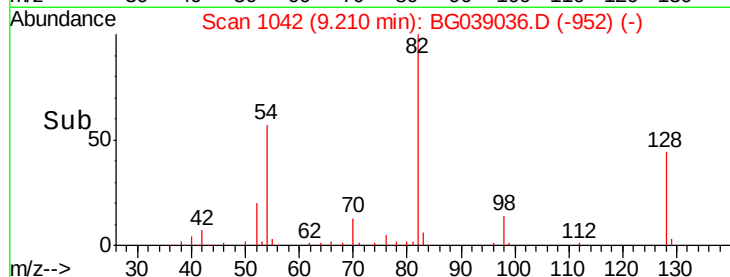
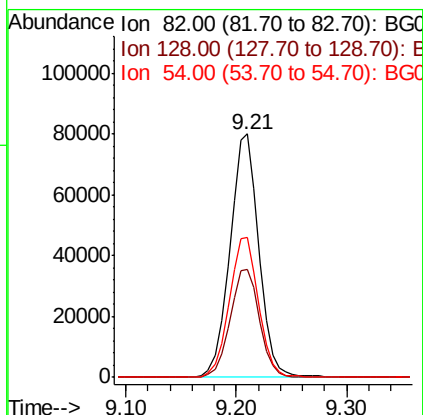
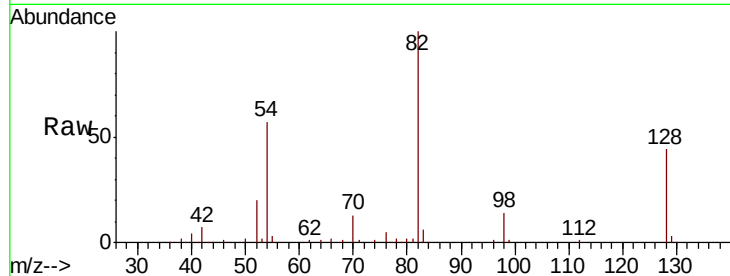




#23
 Nitrobenzene-d5
 Concen: 80.481 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

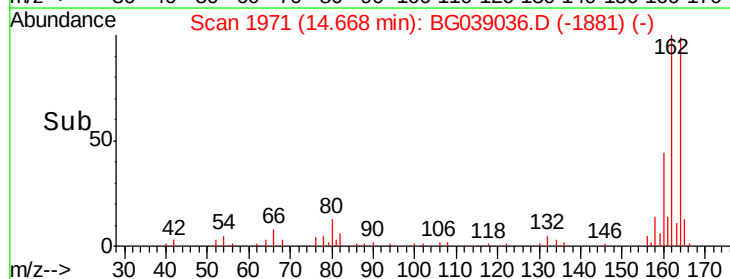
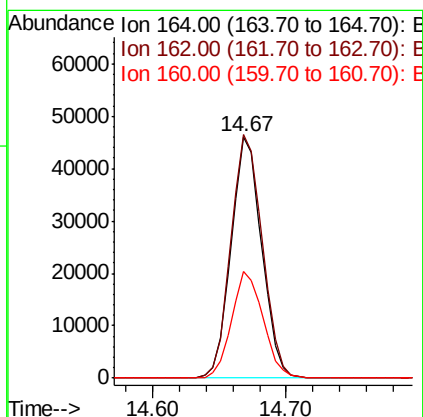
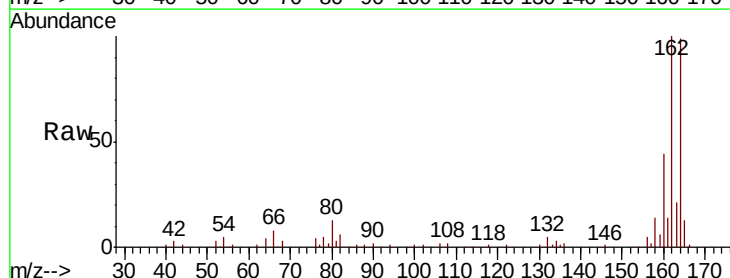
Instrument :
 BNA_G
 ClientSampleId :
 MH-445-C

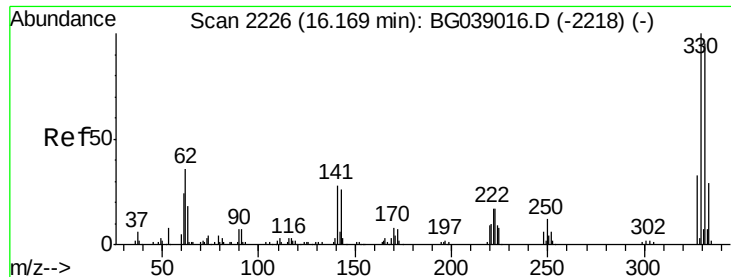
Tot Ion	82.00	Resp	146821
Ion Ratio	Lower	Upper	
82	100		
128	44.4	37.3	55.9
54	57.4	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039036.D
 Acq: 10 Jan 2019 1:03

Tgt Ion	164.00	Resp	73537
Ion Ratio	Lower	Upper	
164	100		
162	100.9	87.2	130.8
160	44.3	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 123.819 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

MH-445-C

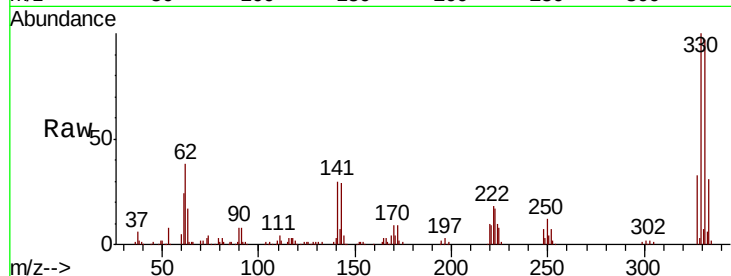
Tot Ion:330 Resp: 152629

Ion Ratio Lower Upper

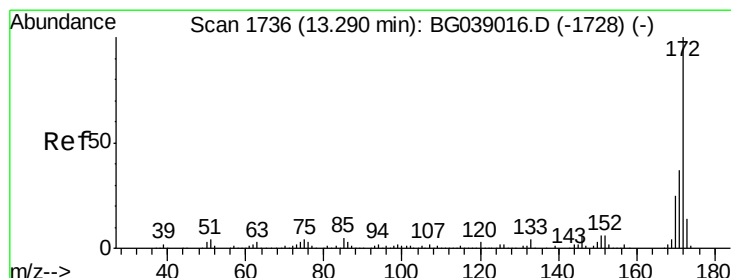
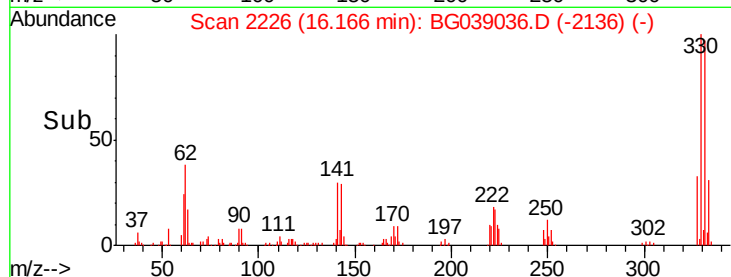
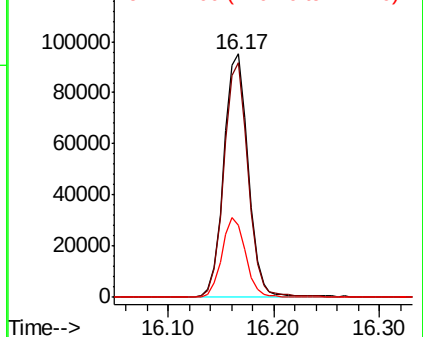
330 100

332 95.2 75.7 113.5

141 32.0 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: 81.261 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

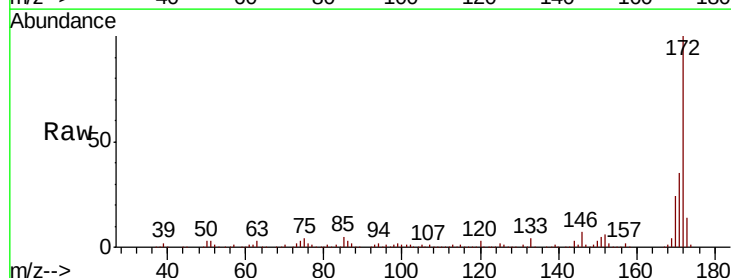
Tgt Ion:172 Resp: 436641

Ion Ratio Lower Upper

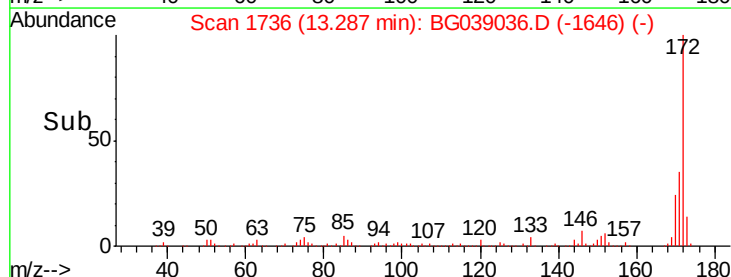
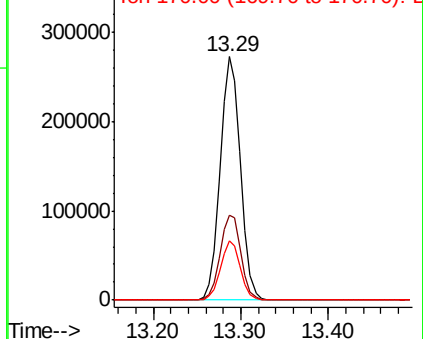
172 100

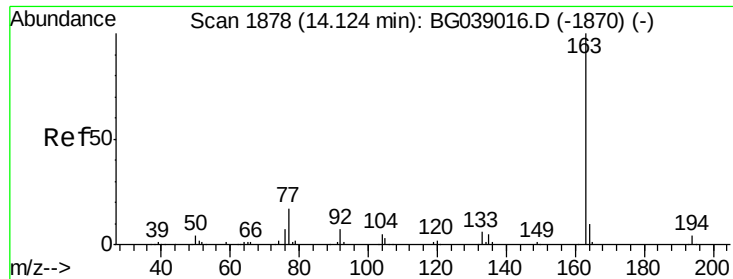
171 35.0 29.4 44.0

170 24.1 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





#50

Dimethylphthalate

Concen: 17.077 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

Instrument :

BNA_G

ClientSampleId :

MH-445-C

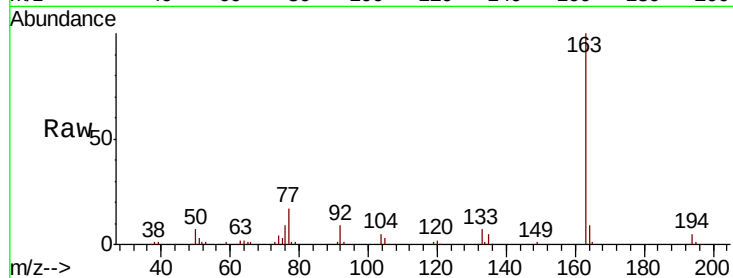
Tot Ion:163 Resp: 106120

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

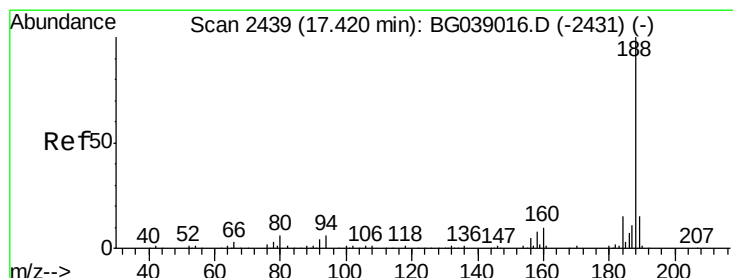
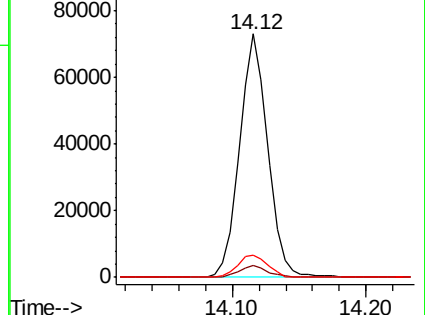
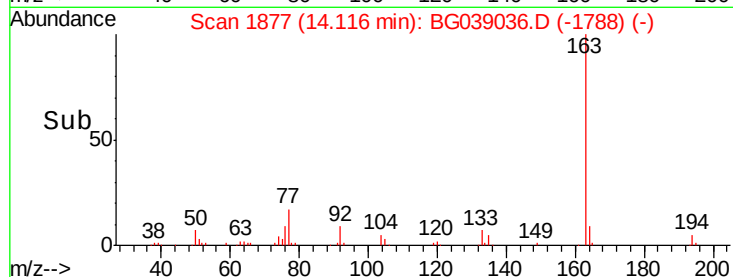
164 8.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039036.D

Acq: 10 Jan 2019 1:03

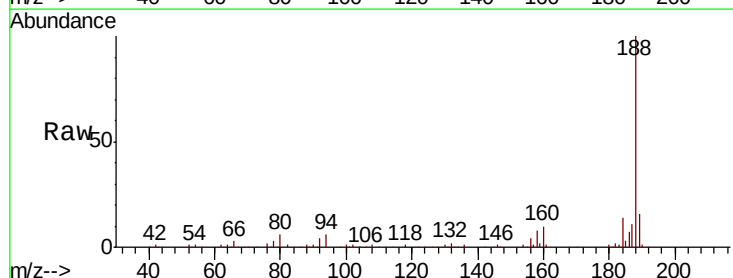
Tgt Ion:188 Resp: 193019

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

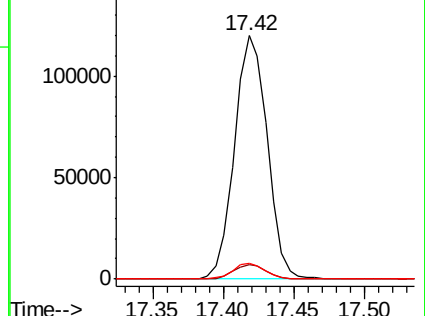
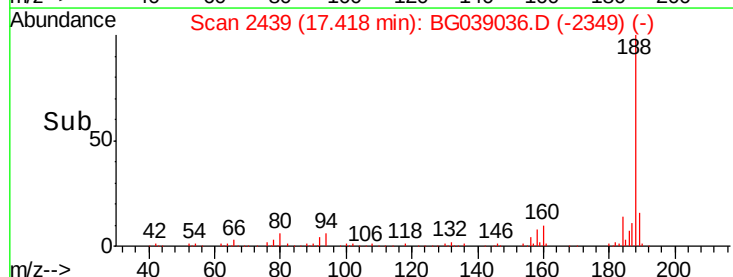
80 6.5 4.7 7.1

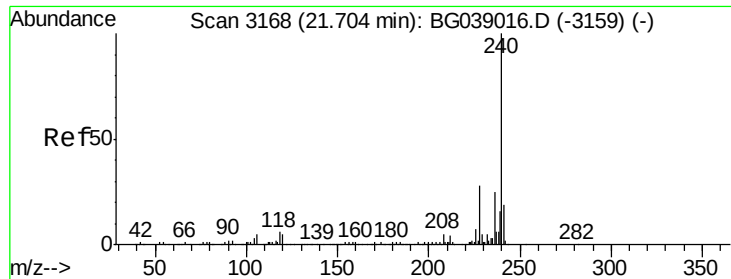


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

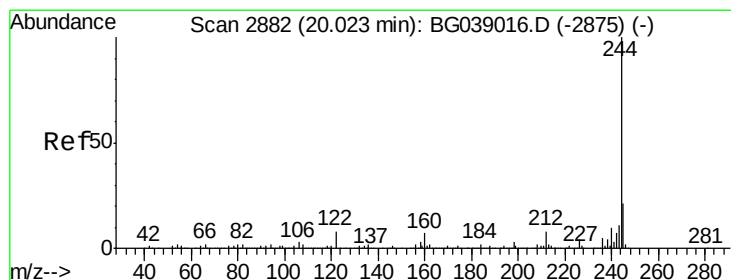
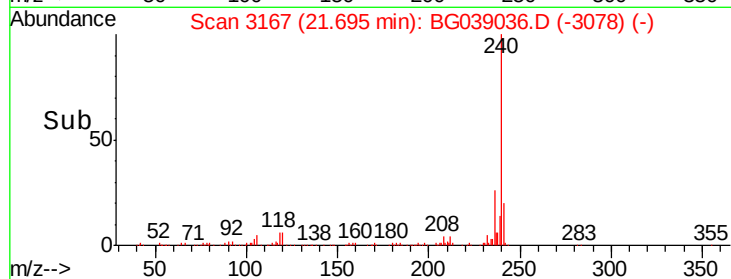
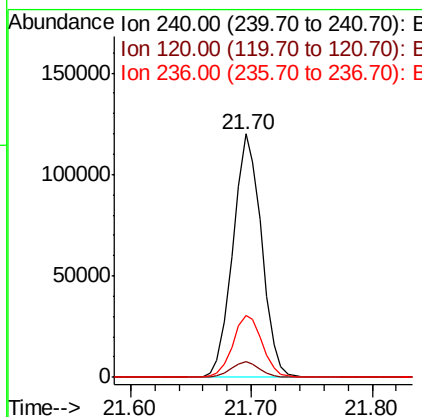
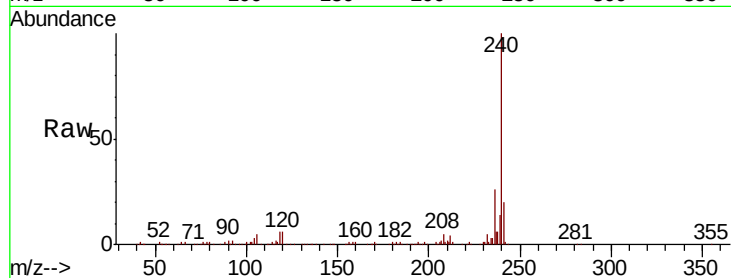




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

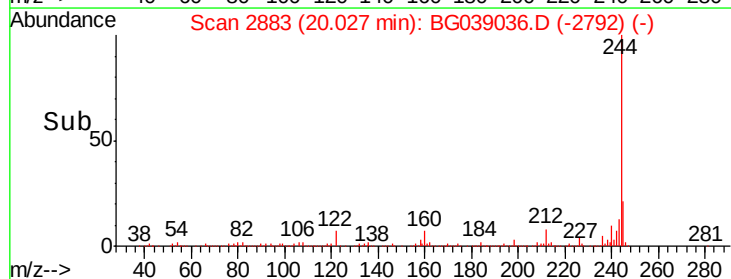
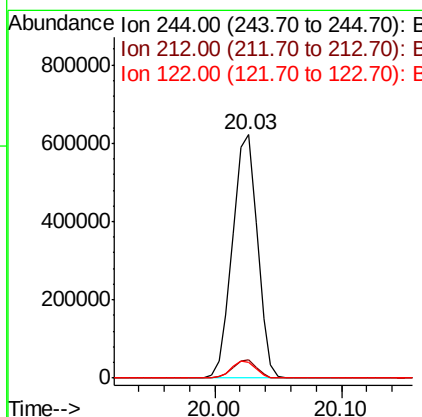
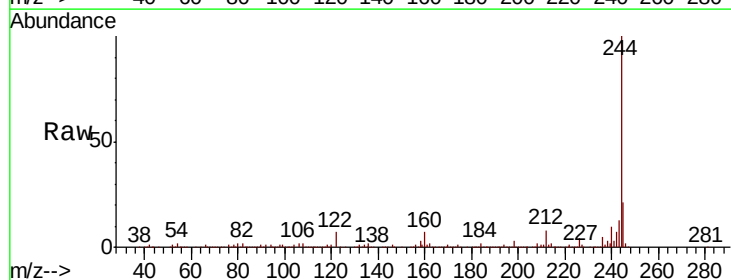
Instrument :
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MH-445-C

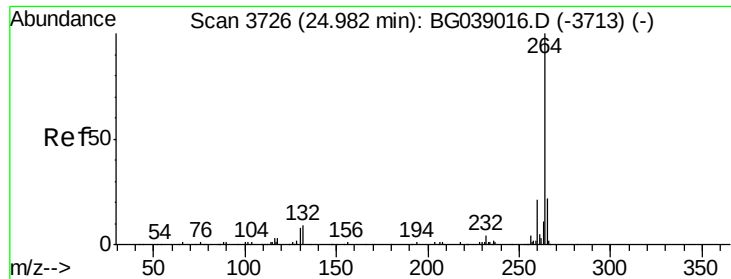
Tot Ion:240 Resp: 198124
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 25.5 20.1 30.1



#79
Terphenyl-d14
Concen: 78.652 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Tgt Ion:244 Resp: 842360
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 6.5 6.1 9.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039036.D
Acq: 10 Jan 2019 1:03

Instrument :
BNA_G
ClientSampleId :
MH-445-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.0	25.6
265	21.3	17.2	25.8

