

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039119.D
 Acq On : 12 Jan 2019 15:04
 Operator : JU/SJ
 Sample : K1123-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-04

Quant Time: Jan 14 11:03:04 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

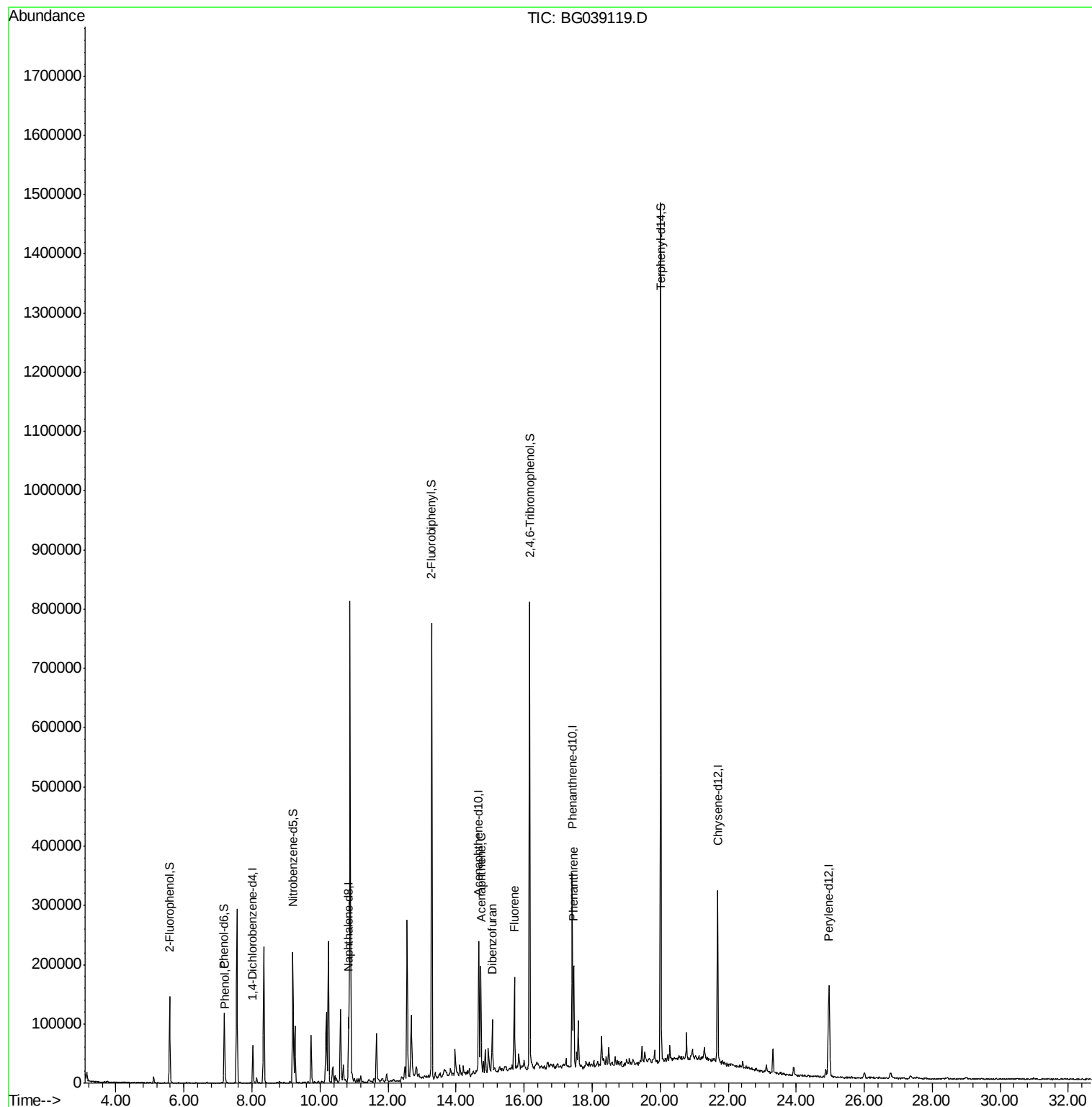
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19304	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95414	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	81139	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	219063	20.00	ng	0.00
76) Chrysene-d12	21.69	240	182206	20.00	ng	-0.01
87) Perylene-d12	24.96	264	199479	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	70518	69.30	ng	0.00
7) Phenol-d6	7.18	99	72660	49.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	132770	76.14	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	170070	125.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	428477	72.27	ng	0.00
79) Terphenyl-d14	20.01	244	755215	76.68	ng	0.00
Target Compounds						
10) Phenol	7.21	94	4293	2.924	ng	Qvalue # 67
52) Acenaphthene	14.73	154	64838	13.800	ng	98
55) Dibenzofuran	15.06	168	57654	6.948	ng	96
58) Fluorene	15.71	166	70119	11.226	ng	99
71) Phenanthrene	17.46	178	116418	10.054	ng	99

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

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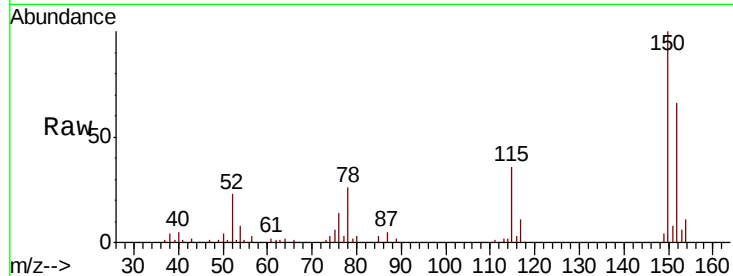


#1

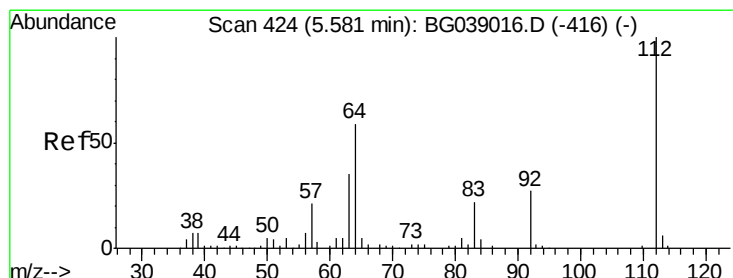
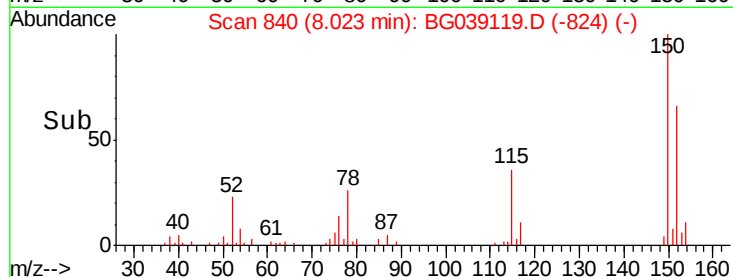
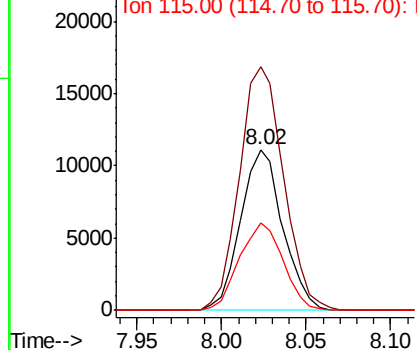
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
CPGP-04

Tot Ion:152 Resp: 19304
Ion Ratio Lower Upper
152 100
150 151.3 124.7 187.1
115 54.1 46.5 69.7



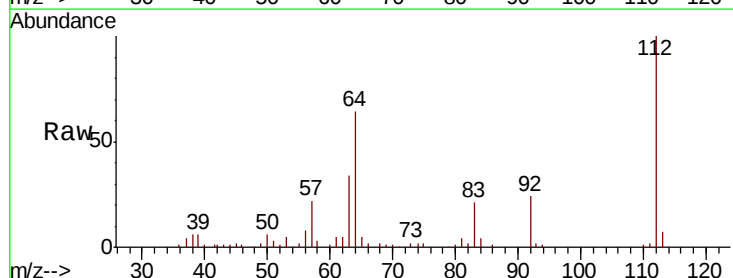
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



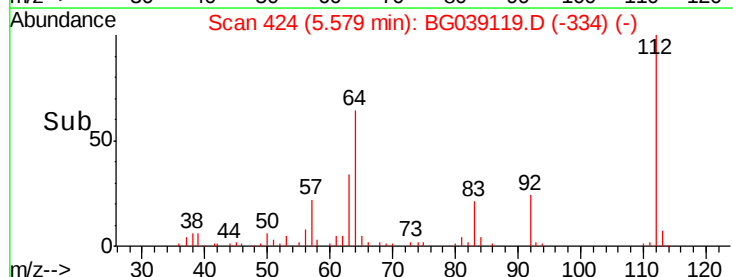
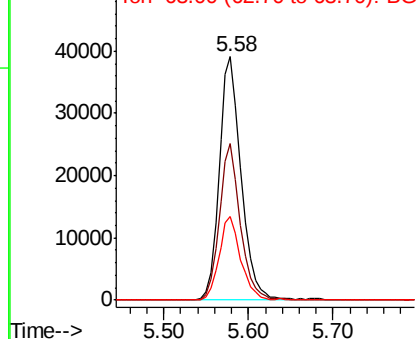
#5

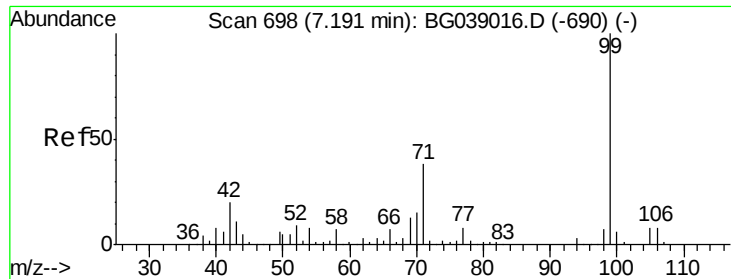
2-Fluorophenol
Concen: 69.297 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Tgt Ion:112 Resp: 70518
Ion Ratio Lower Upper
112 100
64 64.1 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: 49.615 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039119.D

Acq: 12 Jan 2019 15:04

Instrument :

BNA_G

ClientSampled :

CPGP-04

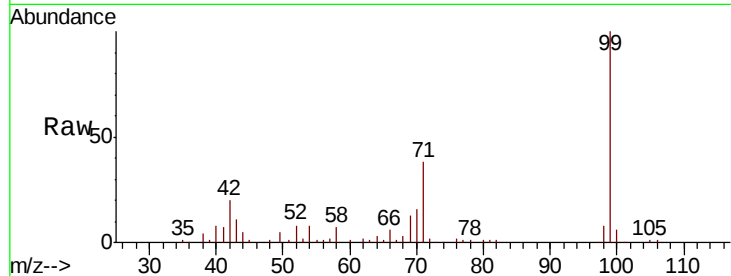
Tot Ion: 99 Resp: 72660

Ion Ratio Lower Upper

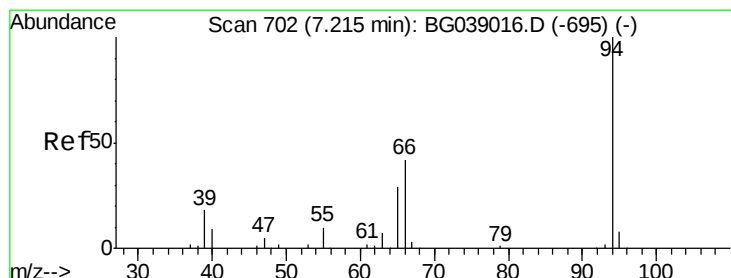
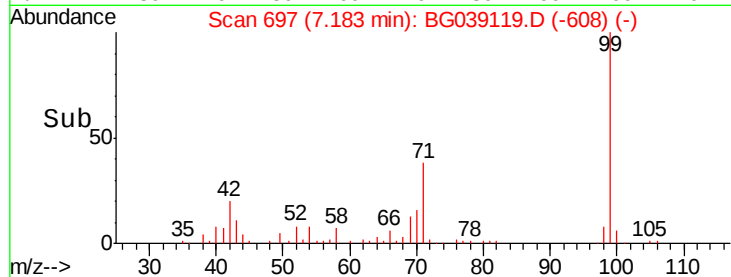
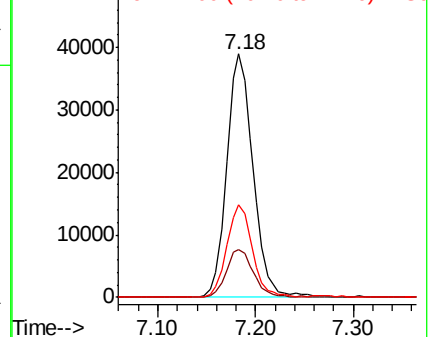
99 100

42 19.8 15.8 23.6

71 37.9 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



#10

Phenol

Concen: 2.924 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039119.D

Acq: 12 Jan 2019 15:04

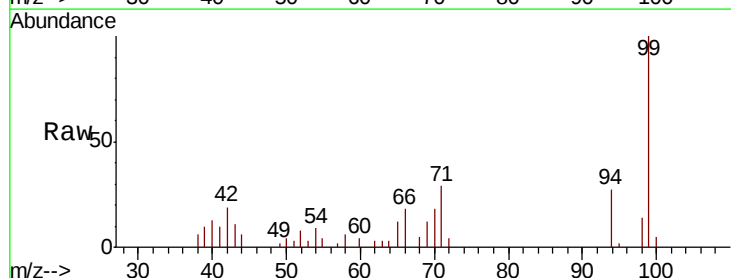
Tgt Ion: 94 Resp: 4293

Ion Ratio Lower Upper

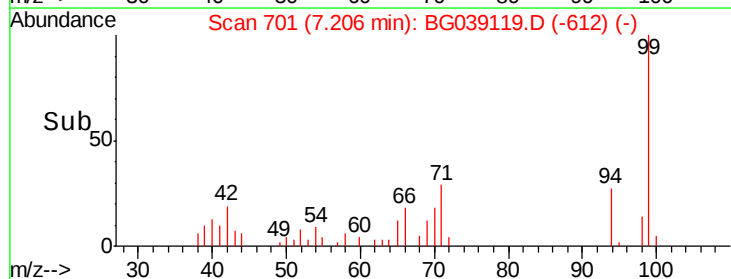
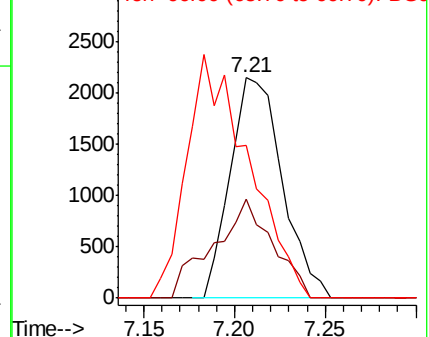
94 100

65 44.7 10.3 50.3

66 69.1 25.1 65.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

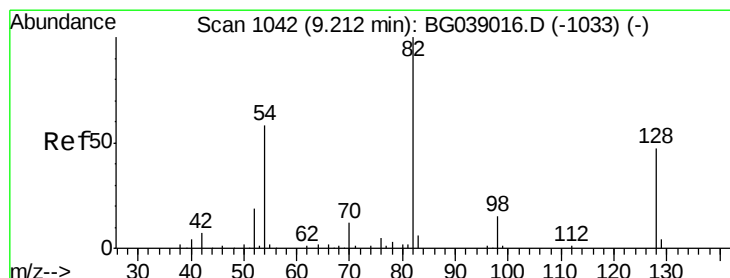
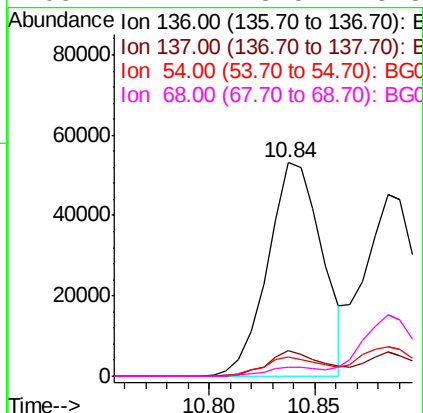
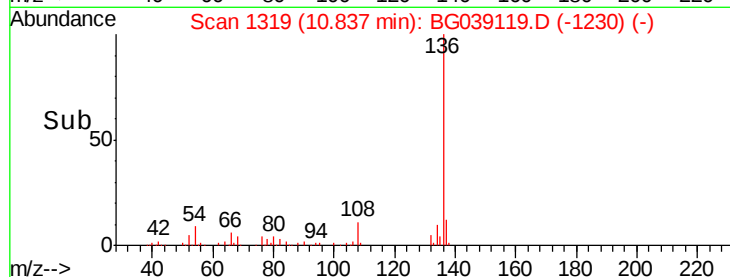
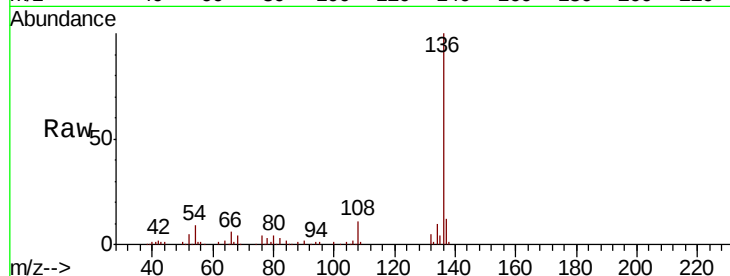




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

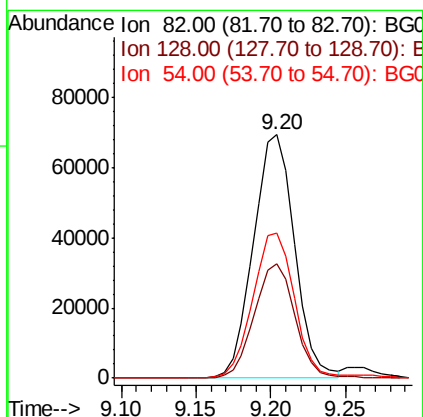
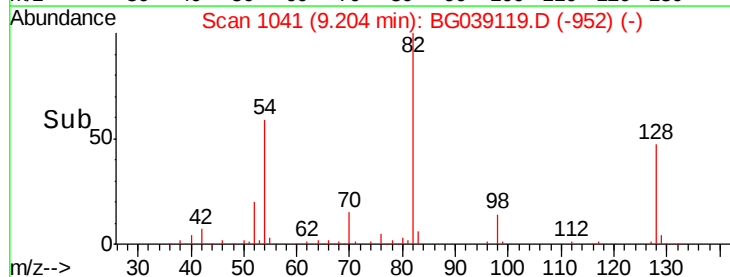
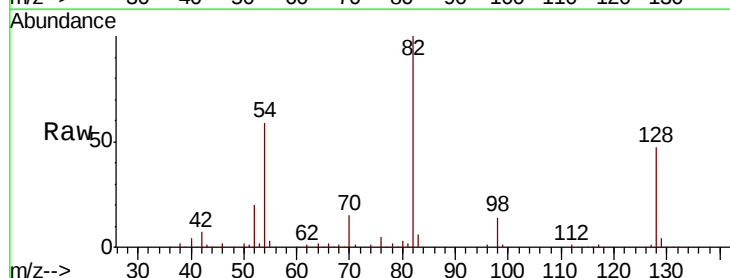
Instrument :
BNA_G
ClientSampleId :
CPGP-04

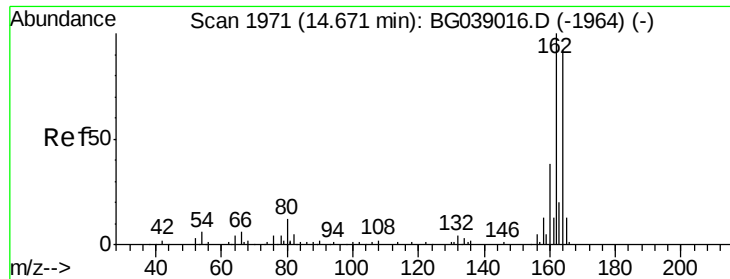
Tot Ion:136	Resp:	95414
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.4 14.2
54	9.1	7.2 10.8
68	4.2	3.5 5.3



#23
Nitrobenzene-d5
Concen: 76.143 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Tgt Ion: 82	Resp:	132770
Ion	Ratio	Lower Upper
82	100	
128	46.8	37.3 55.9
54	59.4	46.4 69.6

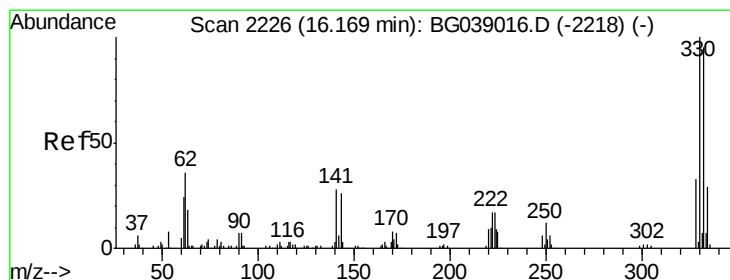
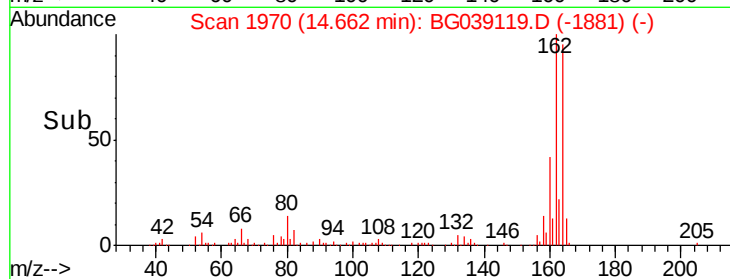
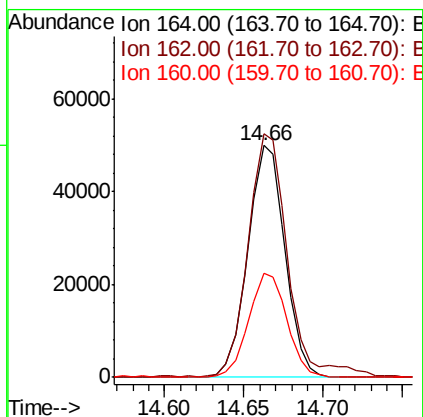
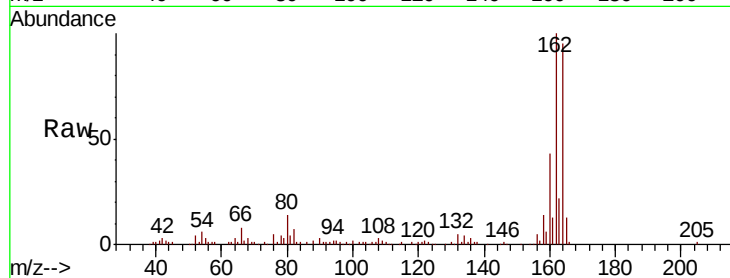




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

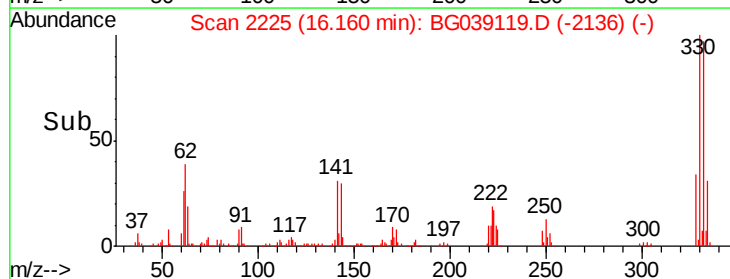
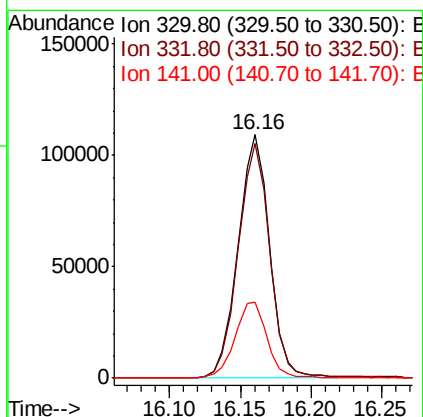
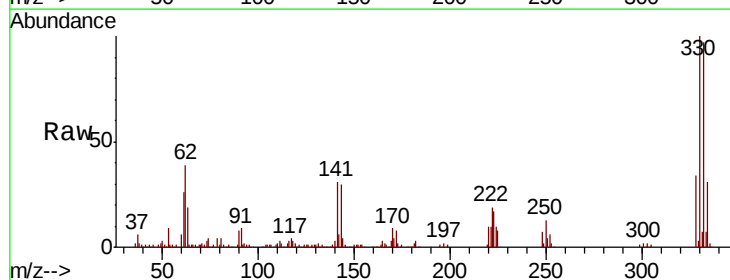
Instrument :
BNA_G
ClientSampleId :
CPGP-04

Tot Ion:164 Resp: 81139
Ion Ratio Lower Upper
164 100
162 105.1 87.2 130.8
160 44.8 33.3 49.9



#42
2,4,6-Tribromophenol
Concen: 125.041 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Tgt Ion:330 Resp: 170070
Ion Ratio Lower Upper
330 100
332 97.8 75.7 113.5
141 32.3 24.9 37.3

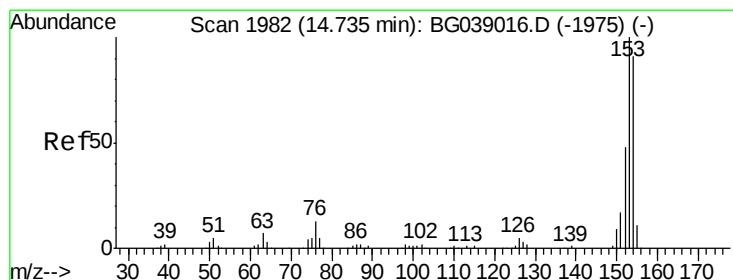
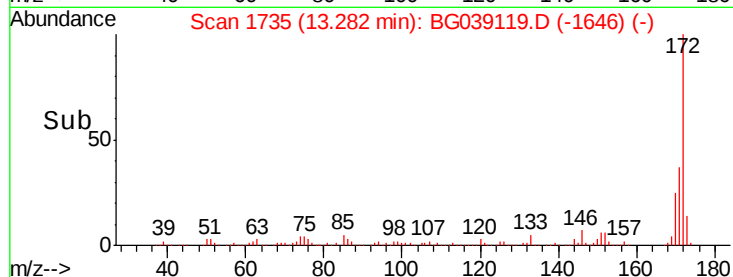
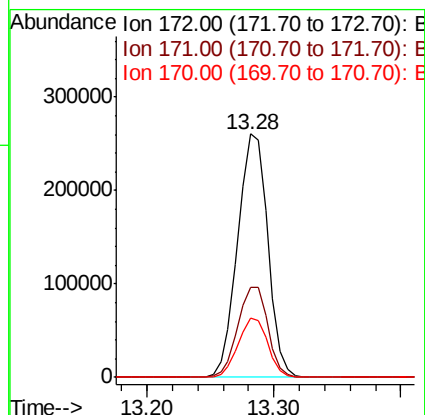
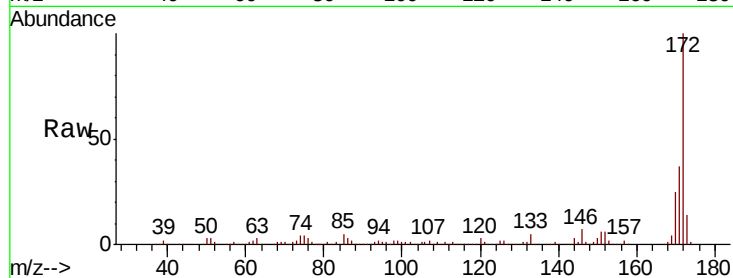




#45
 2-Fluorobiphenyl
 Concen: 72.271 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039119.D
 Acq: 12 Jan 2019 15:04

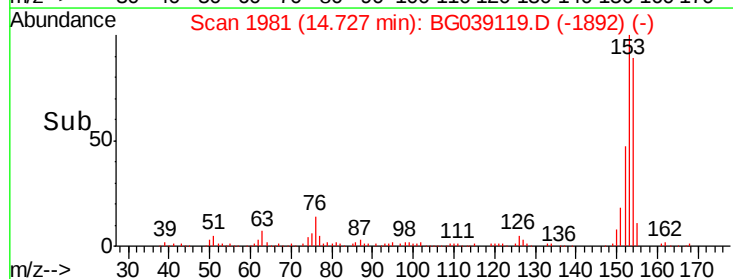
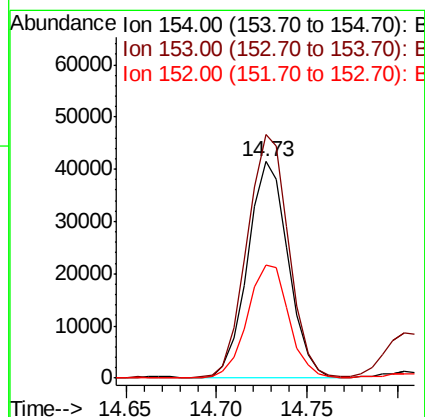
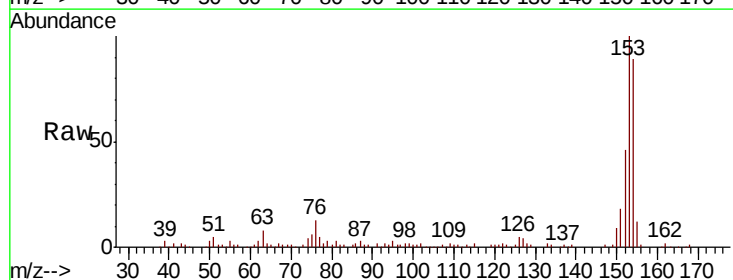
Instrument :
 BNA_G
 ClientSampleId :
 CPGP-04

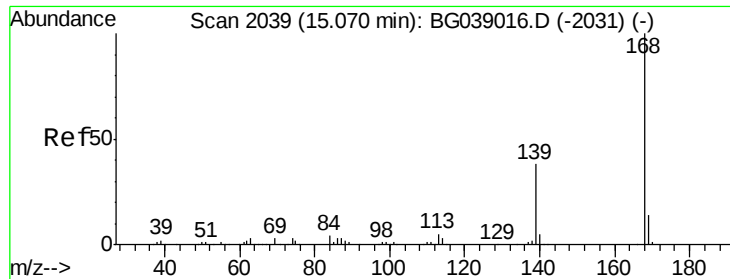
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	20.1	30.1



#52
 Acenaphthene
 Concen: 13.800 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG039119.D
 Acq: 12 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.9	131.9
152	52.2	42.2	63.2

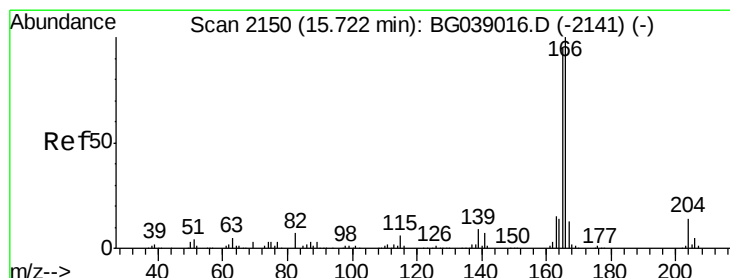
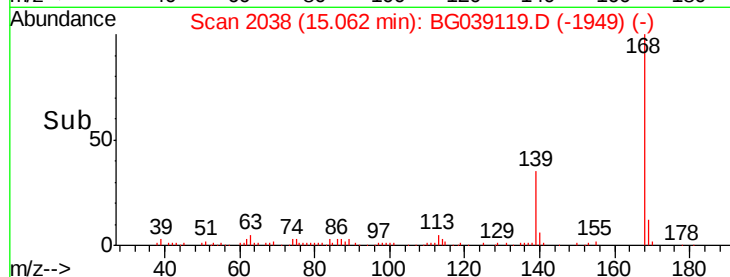
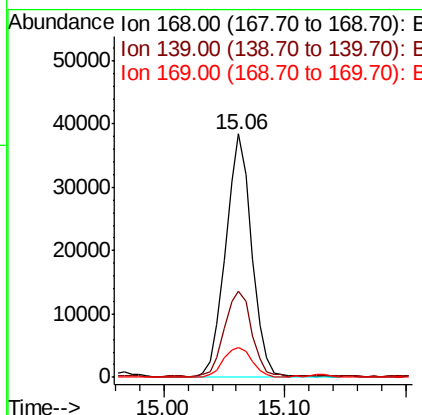
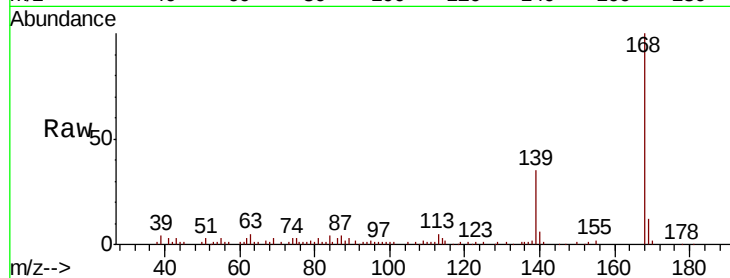




#55
Dibenzenofuran
Concen: 6.948 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

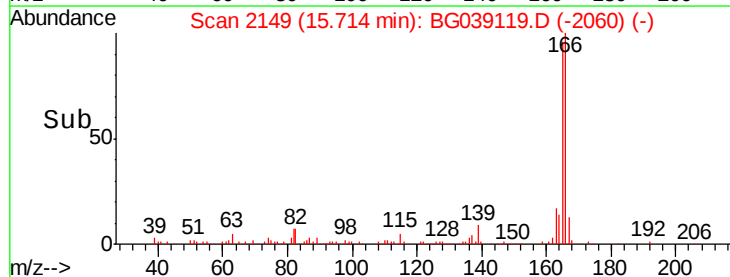
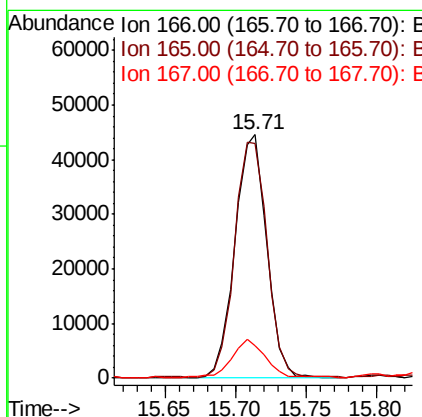
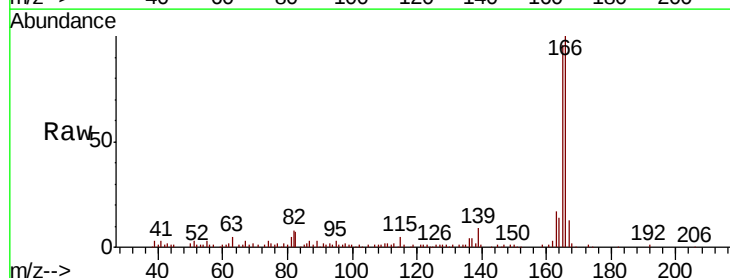
Instrument :
BNA_G
ClientSampleId :
CPGP-04

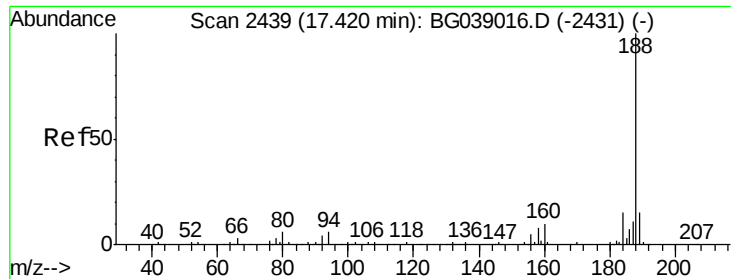
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	12.1	10.9	16.3



#58
Fluorene
Concen: 11.226 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	76.2	114.2
167	13.3	10.6	16.0

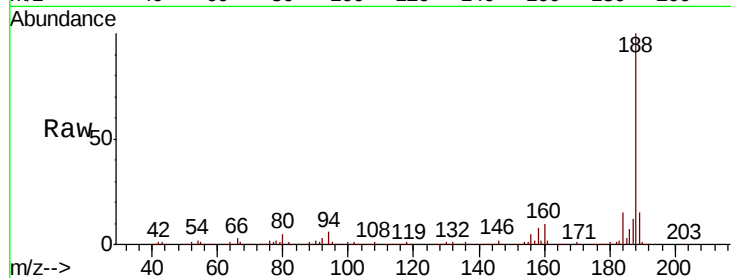




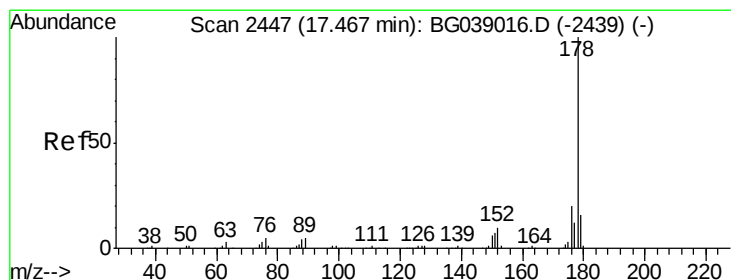
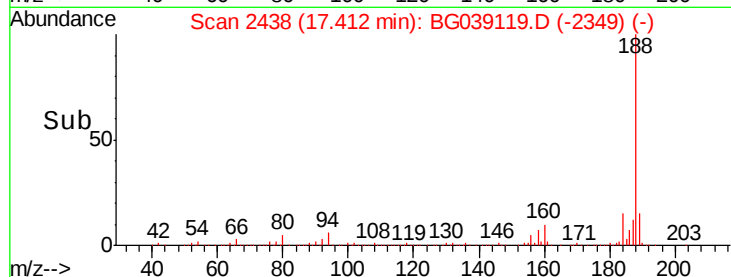
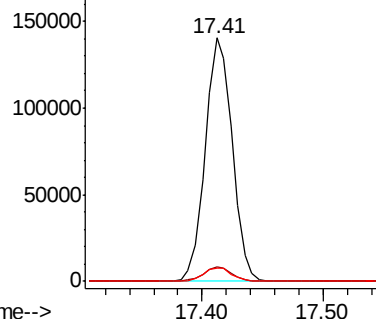
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
CPGP-04

Tot Ion:188 Resp: 219063
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 5.5 4.7 7.1

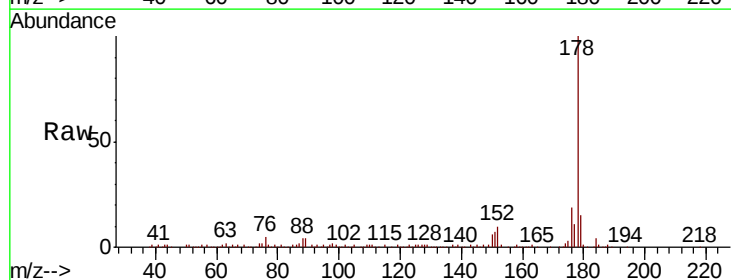


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

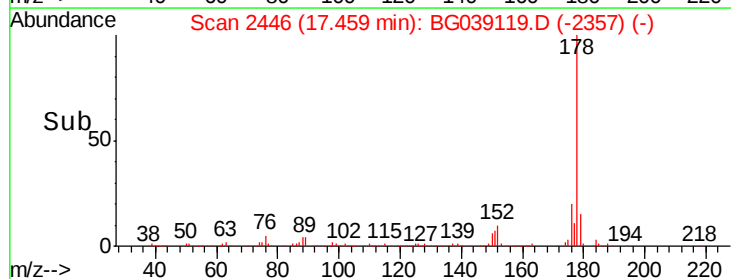
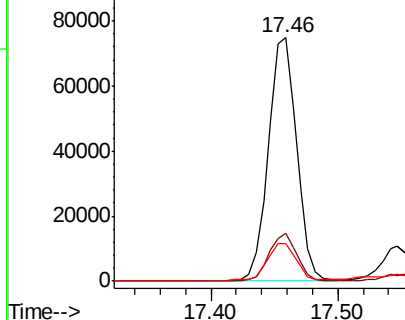


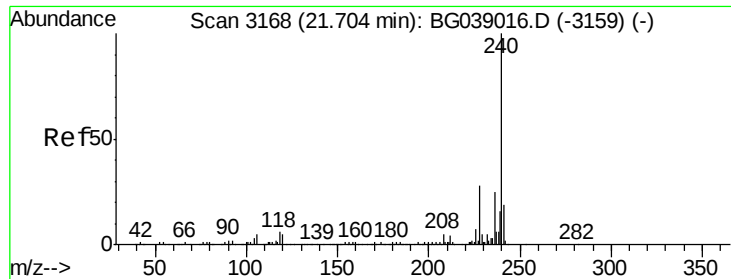
#71
Phenanthrene
Concen: 10.054 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Tgt Ion:178 Resp: 116418
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

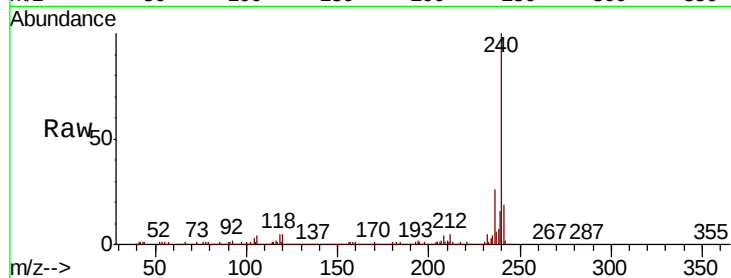




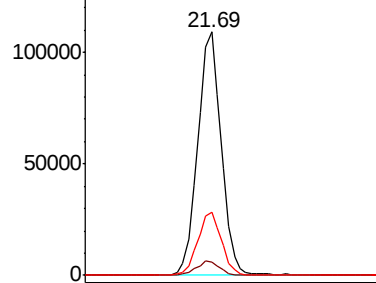
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

Instrument :
BNA_G
ClientSampled :
CPGP-04

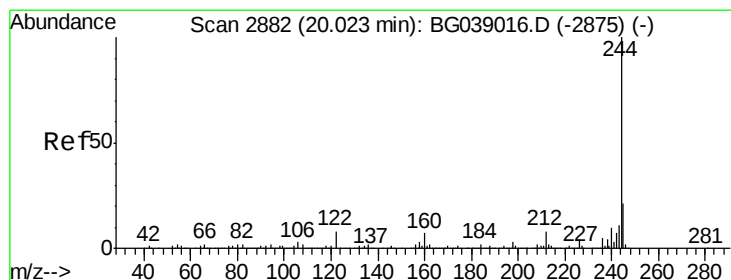
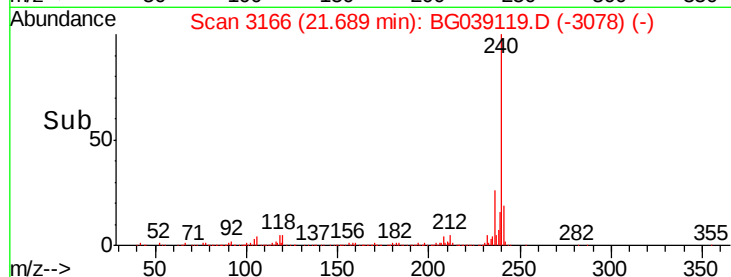
Tot Ion:240 Resp: 182206
Ion Ratio Lower Upper
240 100
120 5.3 4.3 6.5
236 26.0 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

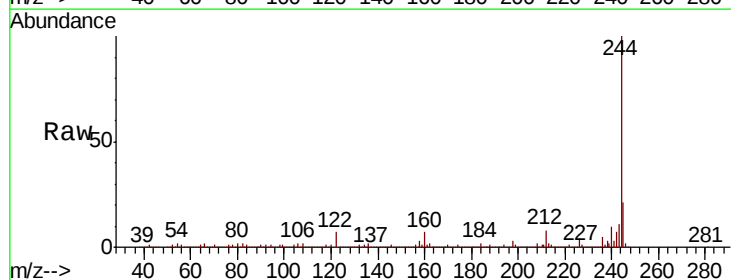


Time--> 21.60 21.70 21.80

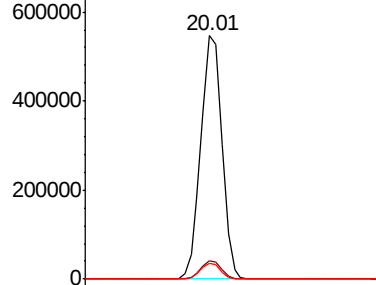


#79
Terphenyl-d14
Concen: 76.675 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039119.D
Acq: 12 Jan 2019 15:04

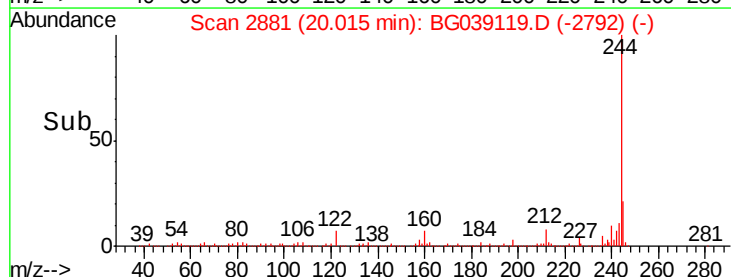
Tgt Ion:244 Resp: 755215
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 6.7 6.1 9.1

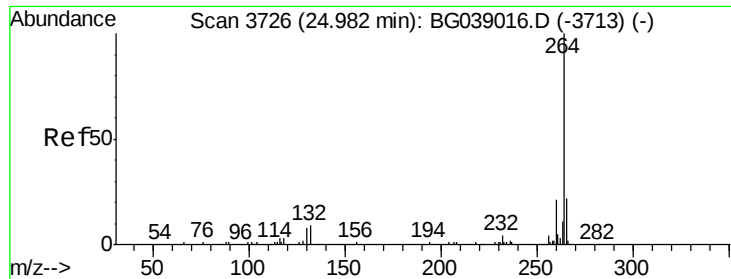


Abundance Ion 244.00 (243.70 to 244.70): E
600000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3722
 Delta R.T. -0.03 min
 Lab File: BG039119.D
 Acq: 12 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.0	25.6
265	22.2	17.2	25.8

