

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042310.D
 Acq On : 18 Aug 2019 6:12
 Operator : HP/JU
 Sample : K4266-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-C1-C4-(0-1)

Quant Time: Aug 19 08:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64244	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	239625	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	171341	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	417610	20.00	ng	0.00
76) Chrysene-d12	21.69	240	484539	20.00	ng	-0.01
87) Perylene-d12	24.94	264	549193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	434480	131.58	ng	0.00
7) Phenol-d6	7.17	99	527736	118.55	ng	0.00
23) Nitrobenzene-d5	9.18	82	365805	105.05	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	356985	183.43	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1094031	112.62	ng	0.00
79) Terphenyl-d14	20.03	244	2133336	100.75	ng	0.00

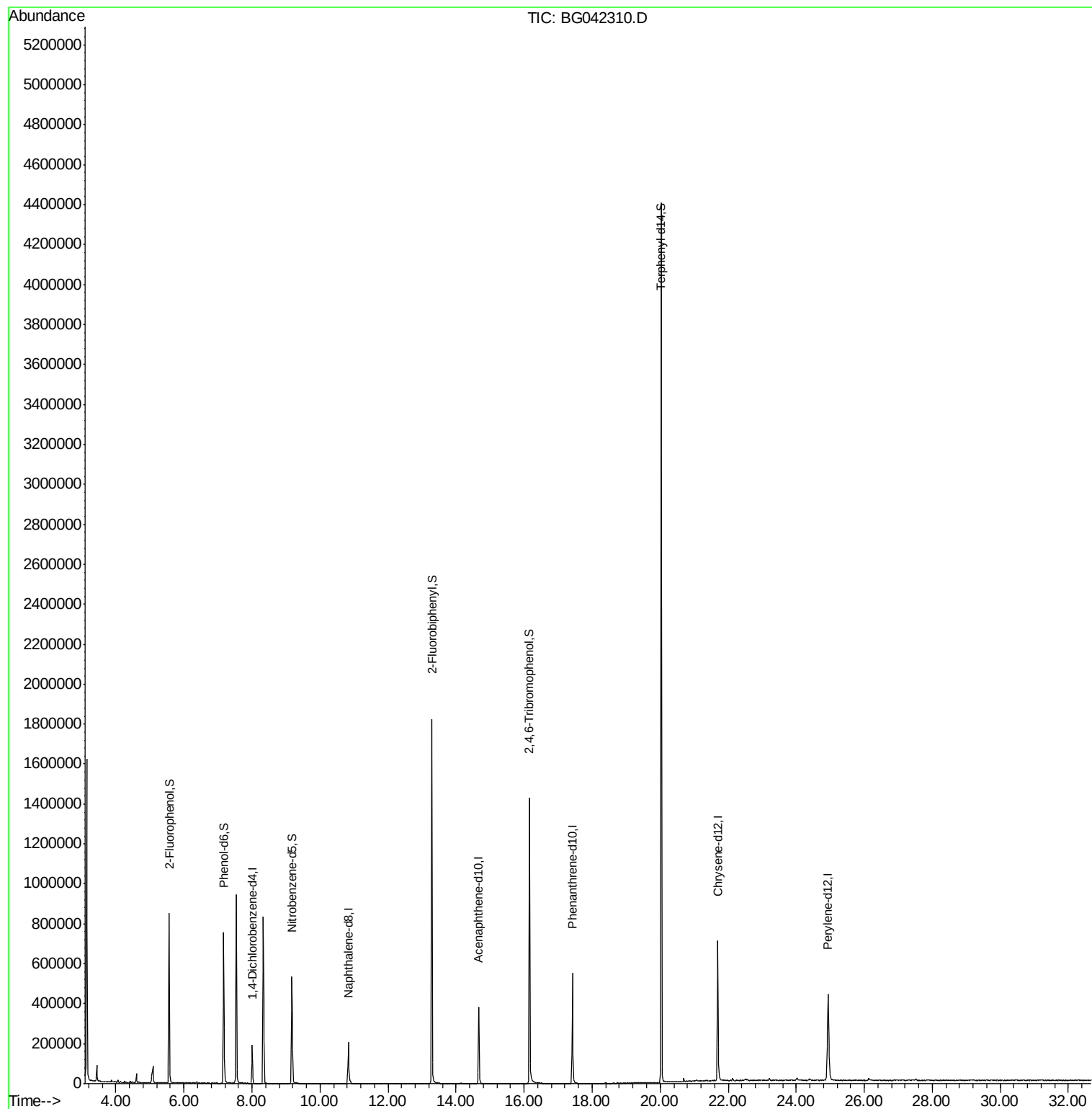
Target Compounds Qvalue

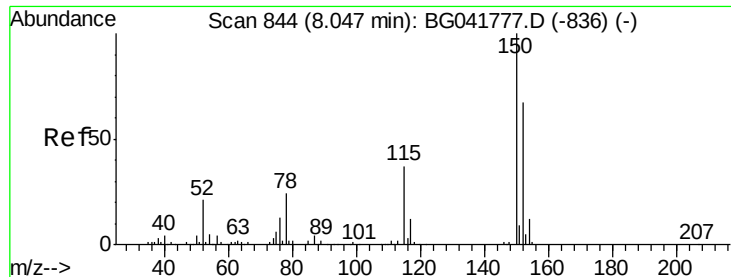
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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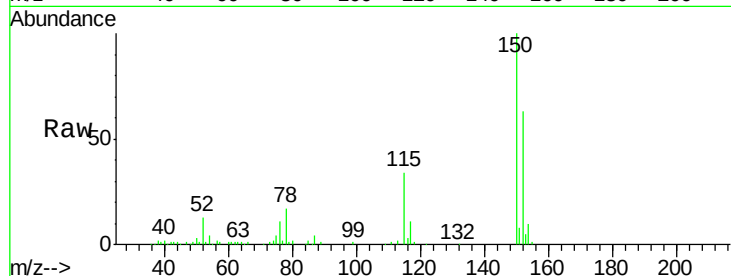


#1

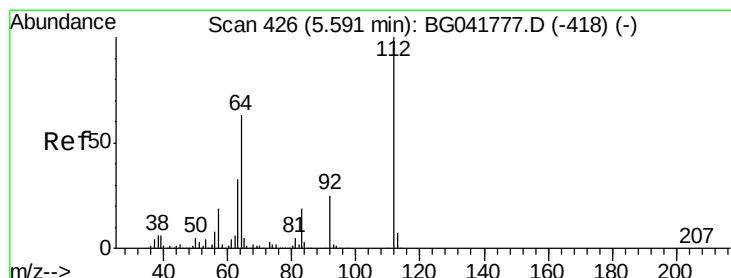
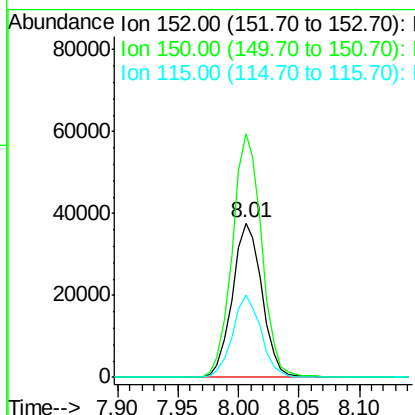
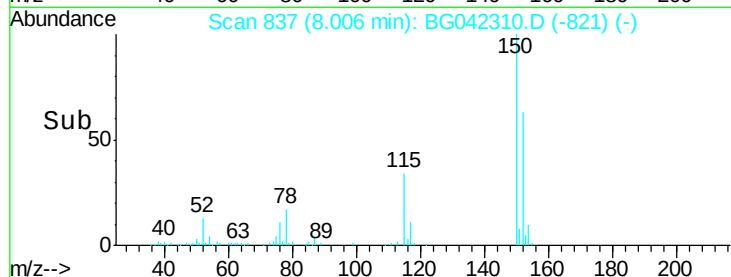
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042310.D
Acq: 18 Aug 2019 6:12

Instrument :
BNA_G
ClientSampleId :
R1-R2-C1-C4-(0-1)

Tot Ion	152	Resp	64244
Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.9	190.3
115	53.3	45.0	67.6



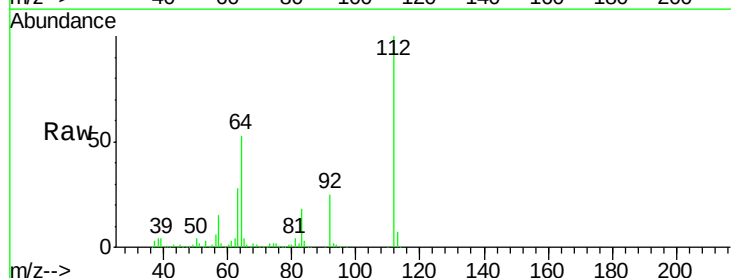
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



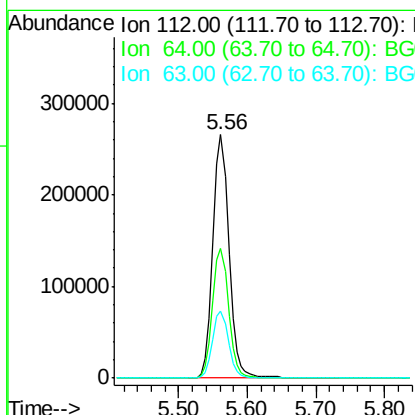
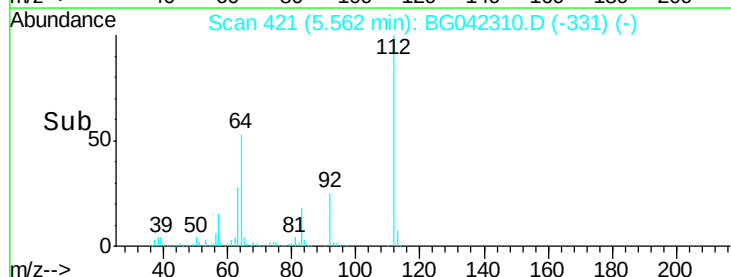
#5

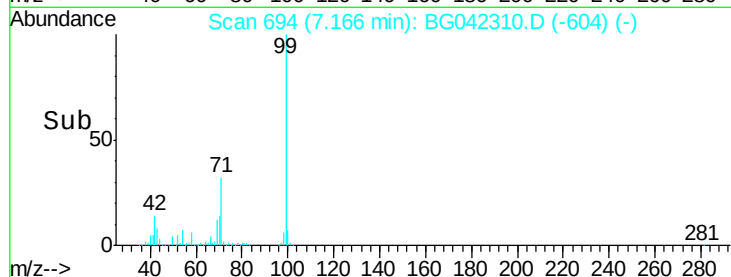
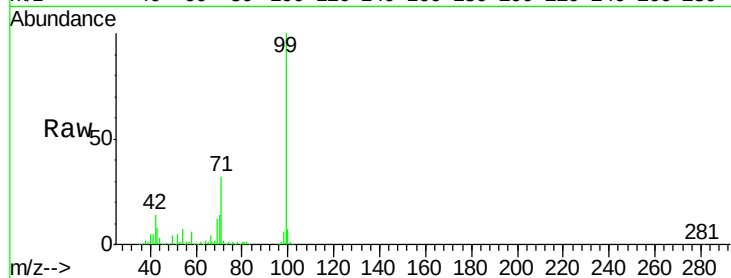
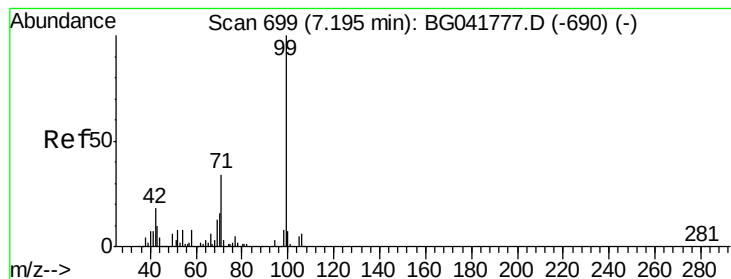
2-Fluorophenol
Concen: 131.582 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042310.D
Acq: 18 Aug 2019 6:12

Tgt Ion	112	Resp	434480
Ion	Ratio	Lower	Upper
112	100		
64	53.5	55.4	83.2#
63	27.8	29.1	43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.550 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042310.D

Acq: 18 Aug 2019 6:12

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(0-1)

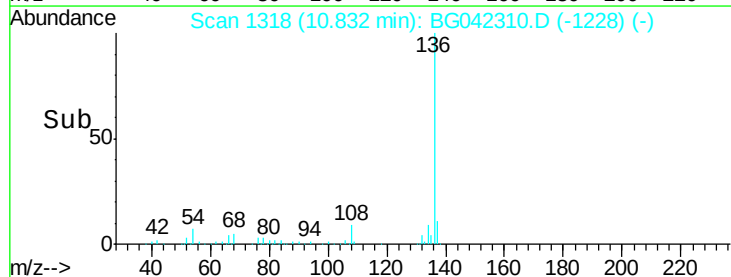
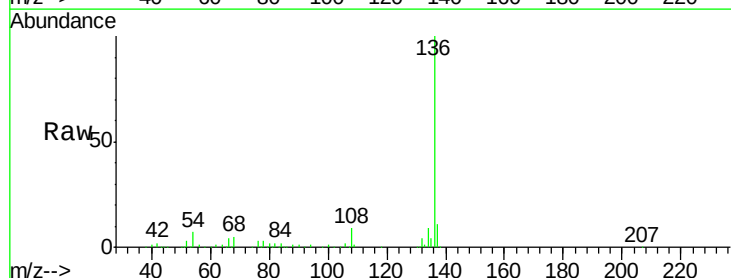
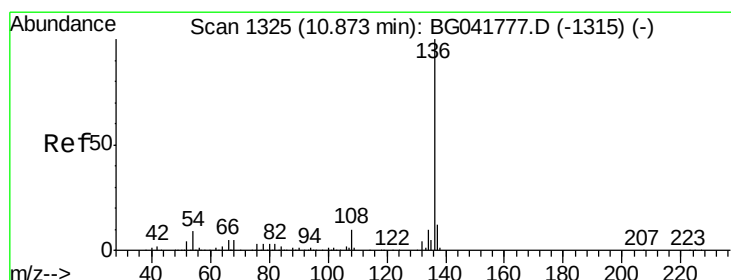
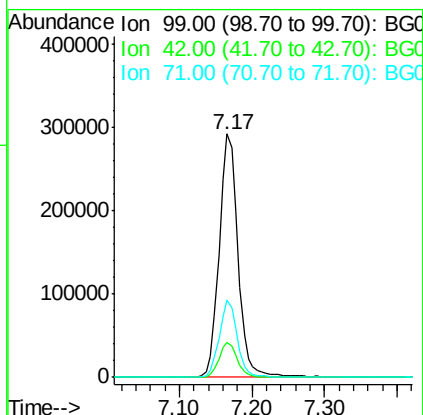
Tot Ion: 99 Resp: 527736

Ion Ratio Lower Upper

99 100

42 14.2 17.6 26.4#

71 31.5 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042310.D

Acq: 18 Aug 2019 6:12

Tgt Ion: 136 Resp: 239625

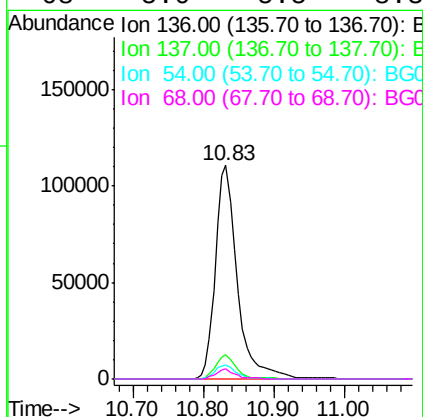
Ion Ratio Lower Upper

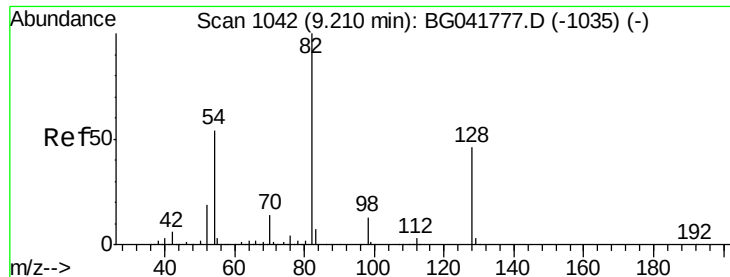
136 100

137 11.5 9.2 13.8

54 6.8 8.7 13.1#

68 5.0 5.5 8.3#

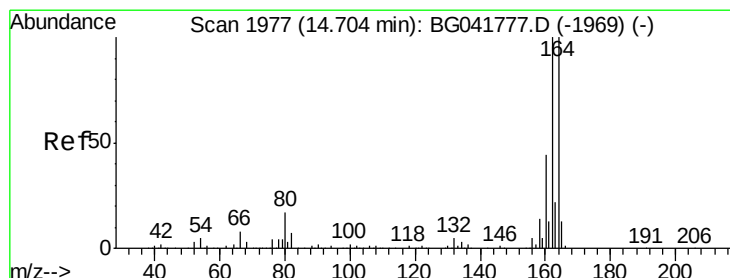
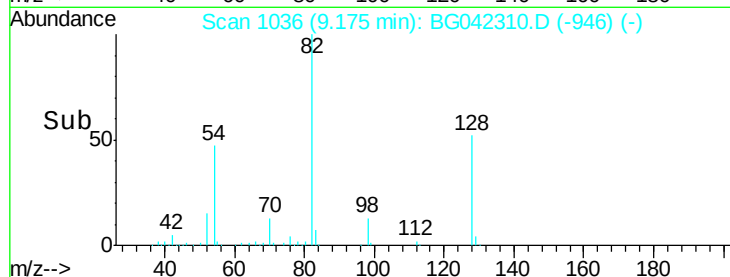
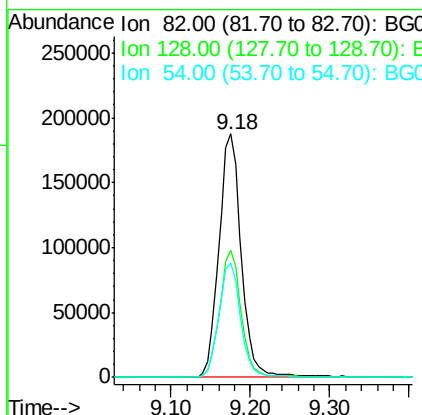
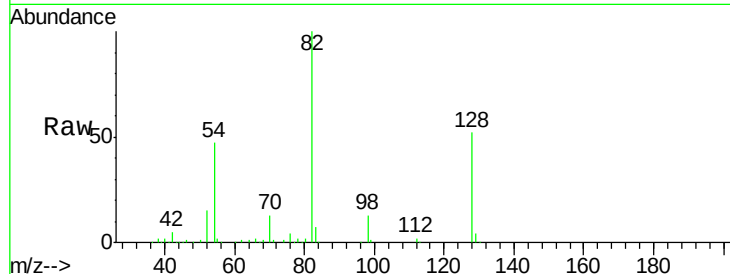




#23
Nitrobenzene-d5
Concen: 105.053 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042310.D
Acq: 18 Aug 2019 6:12

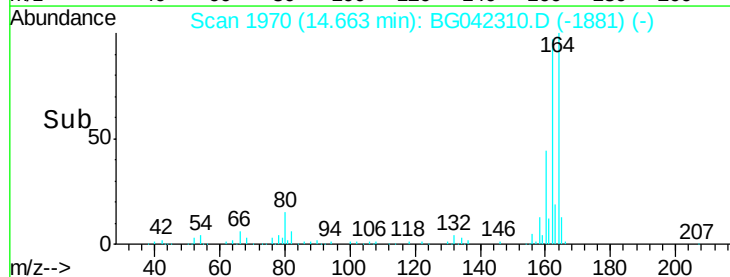
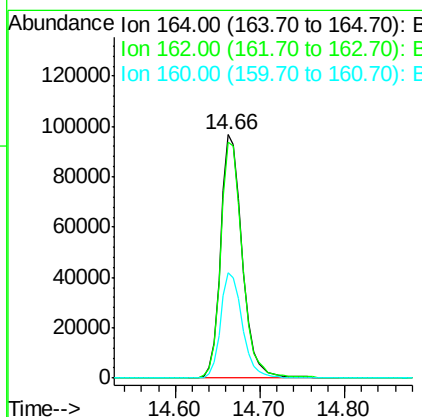
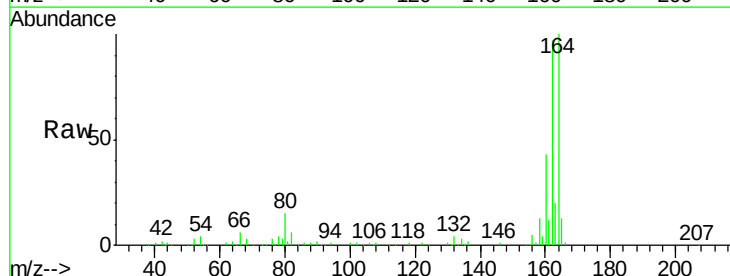
Instrument :
BNA_G
ClientSampleId :
R1-R2-C1-C4-(0-1)

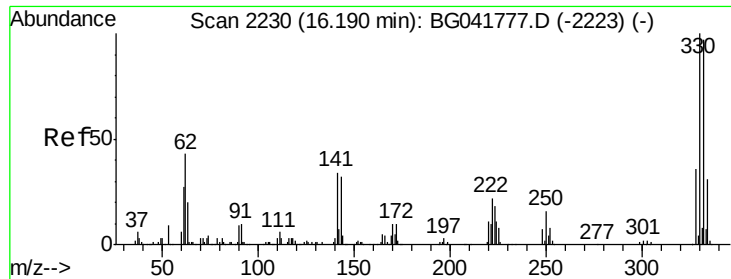
Tot Ion	82	Resp	365805
Ion Ratio	Lower	Upper	
82	100		
128	52.3	35.1	52.7
54	47.1	48.7	73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042310.D
Acq: 18 Aug 2019 6:12

Tgt Ion	164	Resp	171341
Ion Ratio	Lower	Upper	
164	100		
162	96.8	79.6	119.4
160	43.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 183.427 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042310.D

Acq: 18 Aug 2019 6:12

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(0-1)

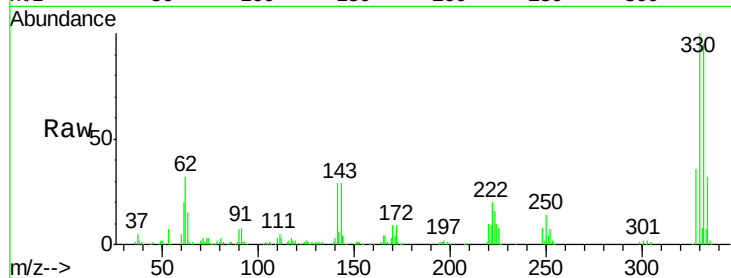
Tot Ion:330 Resp: 356985

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

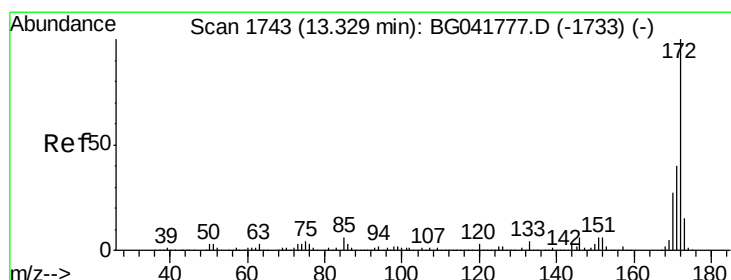
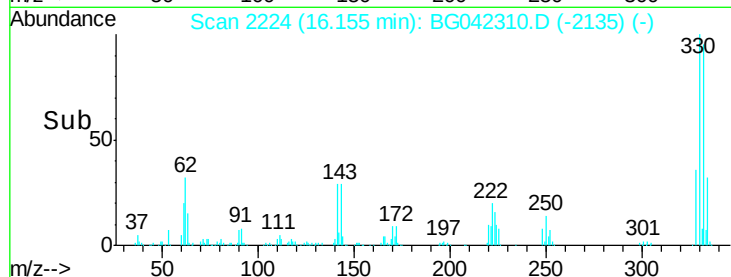
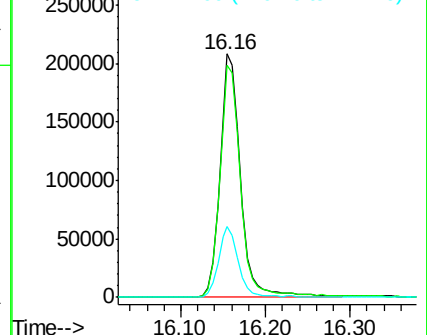
141 28.9 31.9 47.9#



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: 112.616 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042310.D

Acq: 18 Aug 2019 6:12

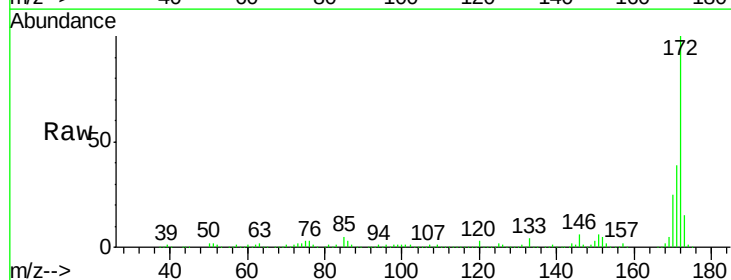
Tgt Ion:172 Resp: 1094031

Ion Ratio Lower Upper

172 100

171 39.1 35.0 52.4

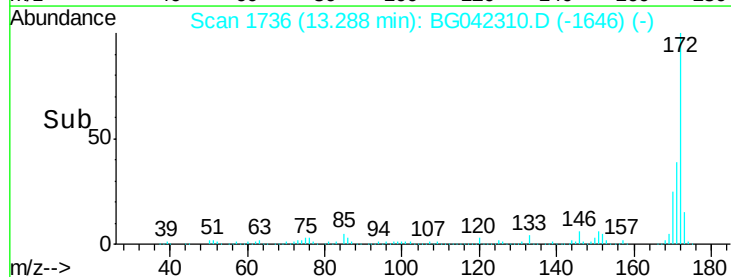
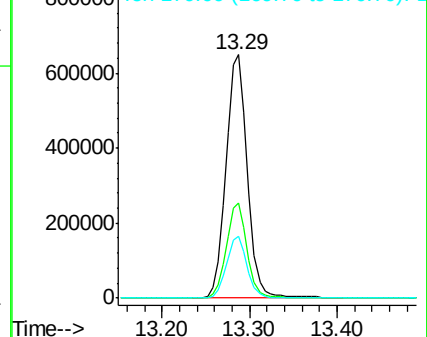
170 25.2 23.5 35.3

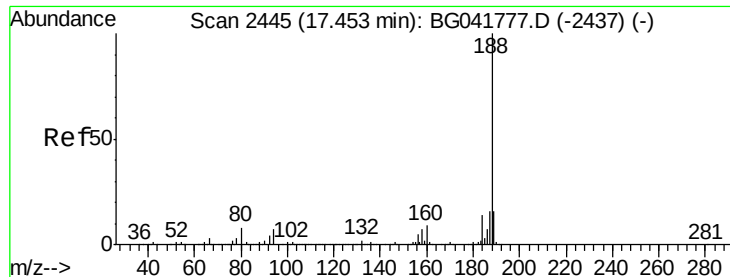


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG042310.D

Acq: 18 Aug 2019 6:12

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(0-1)

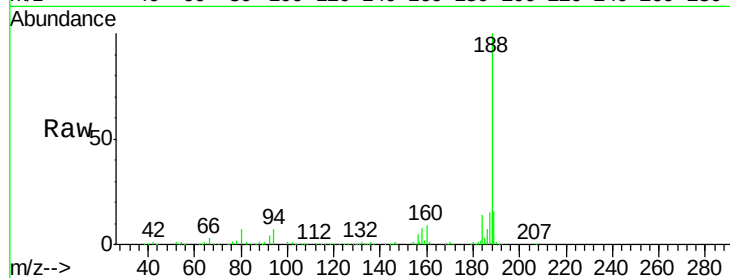
Tot Ion:188 Resp: 417610

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

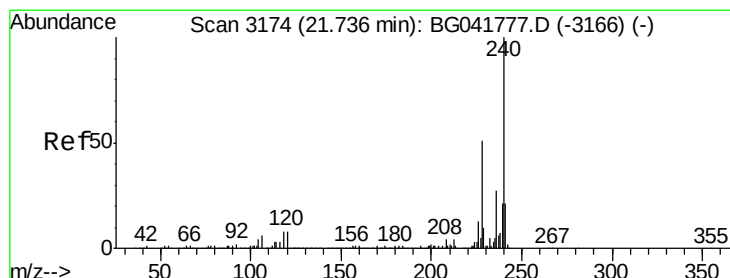
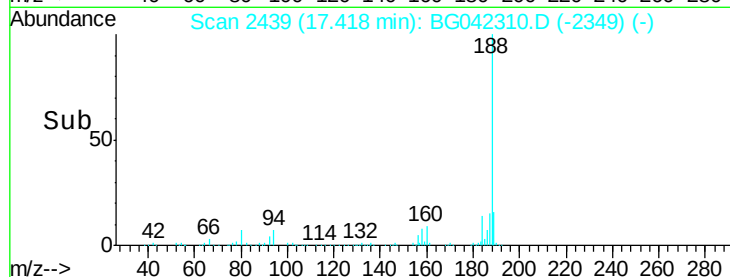
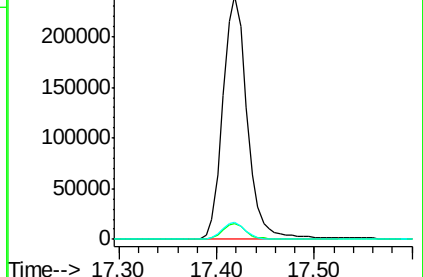
80 7.0 8.0 12.0#



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: BG042310.D

Acq: 18 Aug 2019 6:12

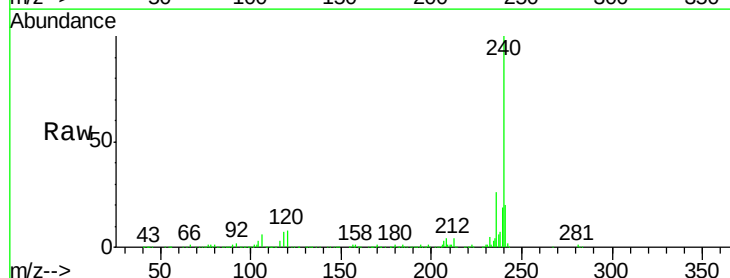
Tgt Ion:240 Resp: 484539

Ion Ratio Lower Upper

240 100

120 8.4 8.0 12.0

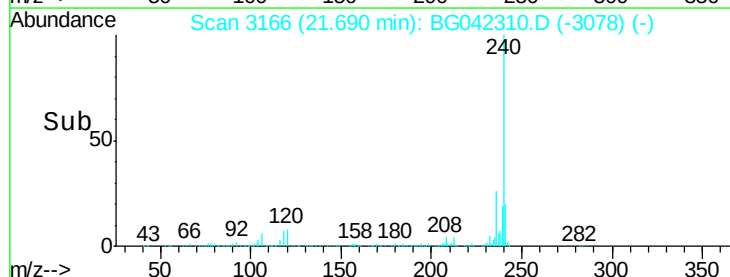
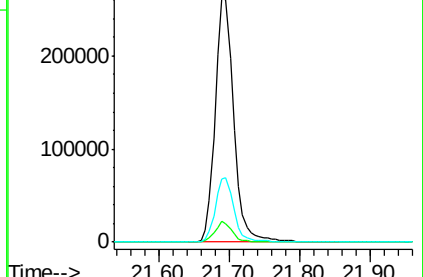
236 26.0 22.6 33.8

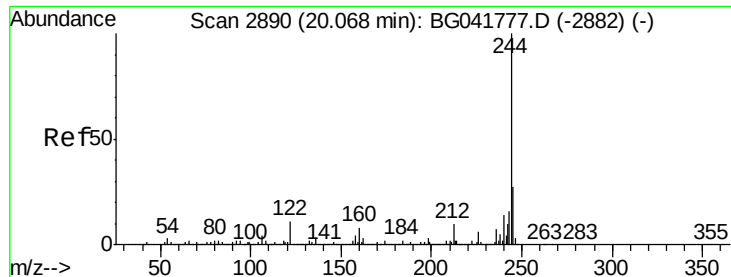


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.748 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042310.D

Acq: 18 Aug 2019 6:12

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(0-1)

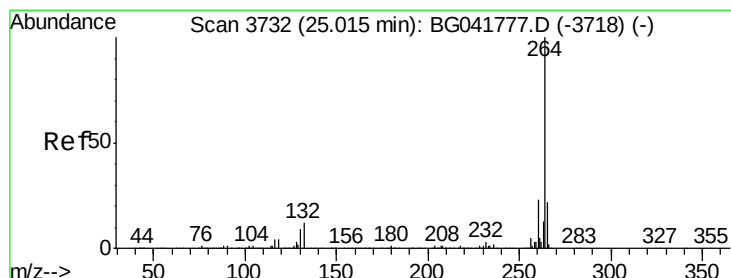
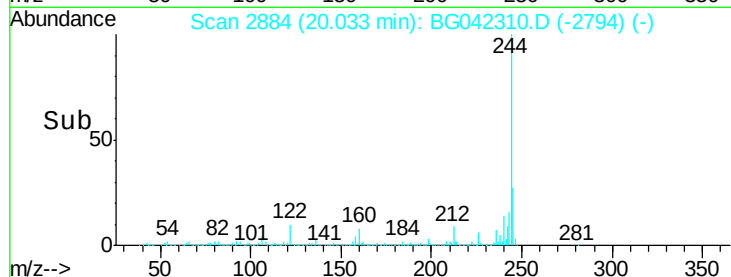
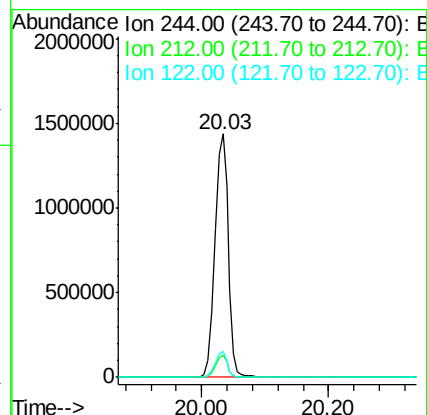
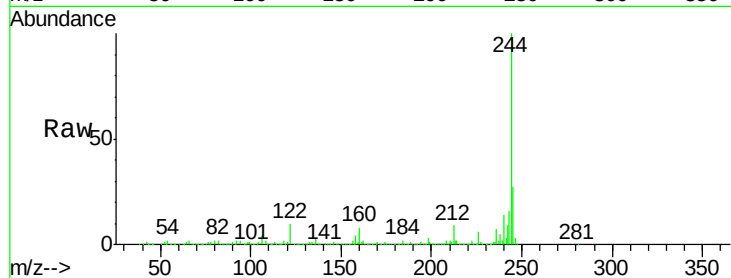
Tot Ion:244 Resp: 2133336

Ion Ratio Lower Upper

244 100

212 9.2 9.7 14.5#

122 10.5 12.5 18.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042310.D

Acq: 18 Aug 2019 6:12

Tgt Ion:264 Resp: 549193

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 21.6 18.0 27.0

