

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042306.D
 Acq On : 18 Aug 2019 3:39
 Operator : HP/JU
 Sample : K4266-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2(A1-A4)-(0-1)

Quant Time: Aug 19 08:03:58 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	8.00	152	60313	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	223702	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	161356	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	390552	20.00	ng	0.00
76) Chrysene-d12	21.69	240	449711	20.00	ng	0.00
87) Perylene-d12	24.94	264	511134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	392841	126.73	ng	0.00
7) Phenol-d6	7.17	99	476376	113.99	ng	0.00
23) Nitrobenzene-d5	9.17	82	337329	103.77	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	330194	180.16	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1034377	113.06	ng	0.00
79) Terphenyl-d14	20.03	244	2003443	101.94	ng	0.00

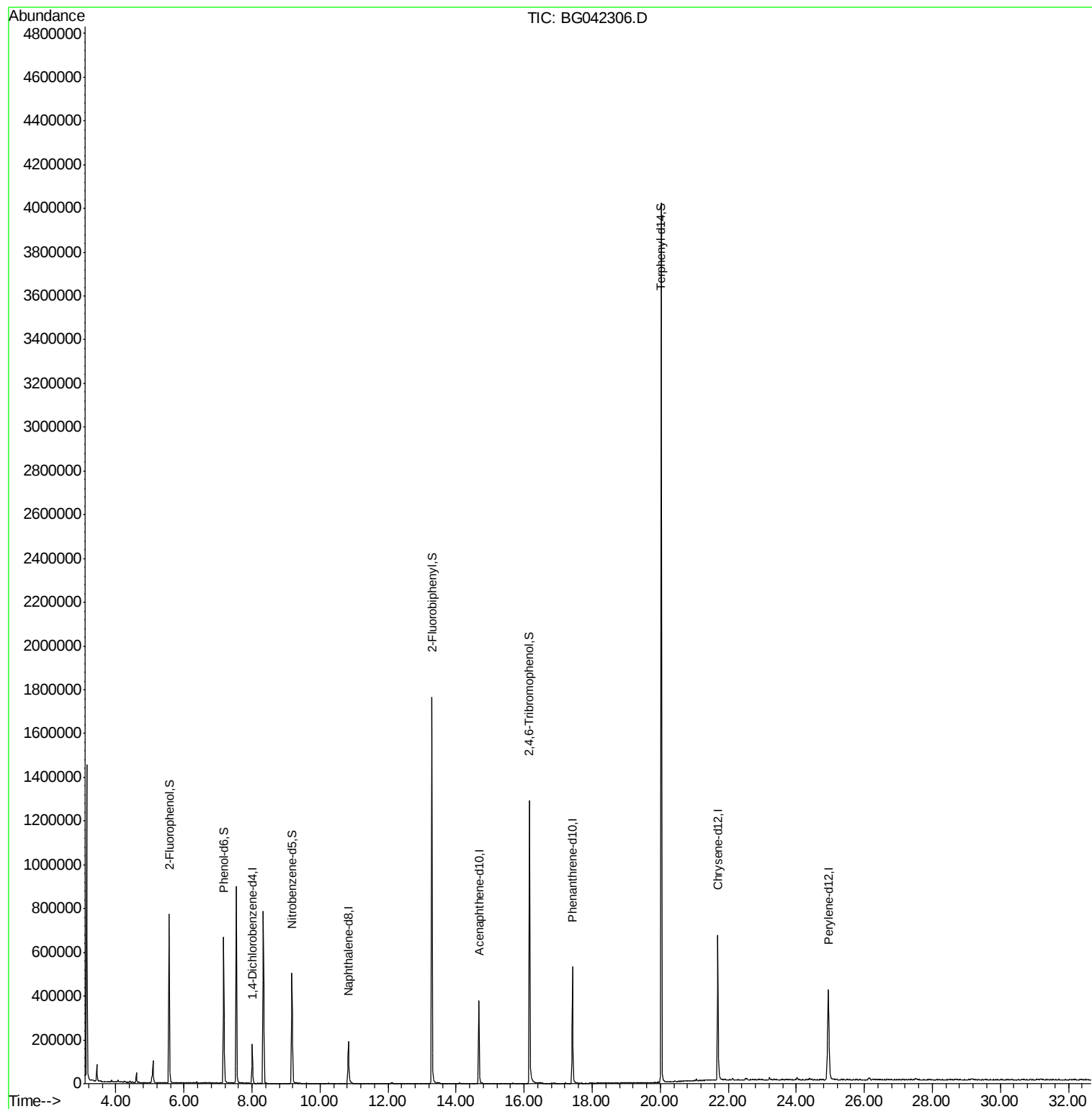
Target Compounds Qvalue

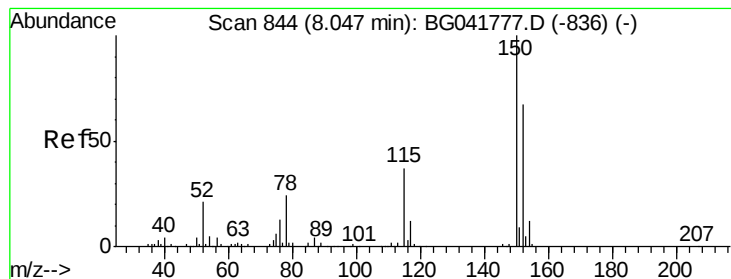
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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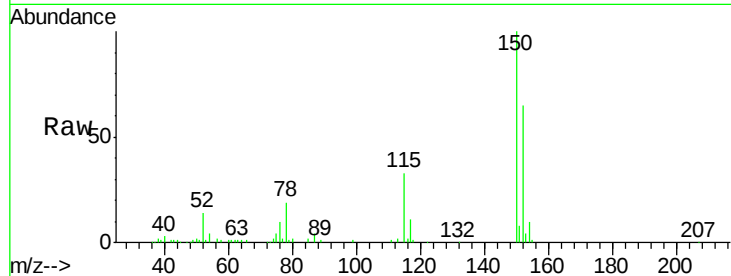


#1

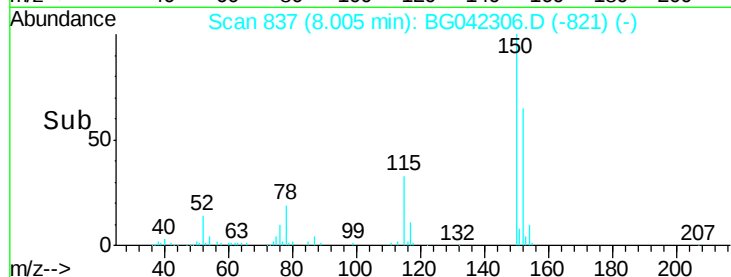
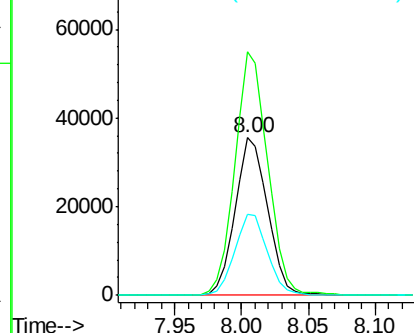
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042306.D
Acq: 18 Aug 2019 3:39

Instrument :
BNA_G
ClientSampleId :
R1-R2(A1-A4)-(0-1)

Tot Ion:152 Resp: 60313
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 51.6 45.0 67.6



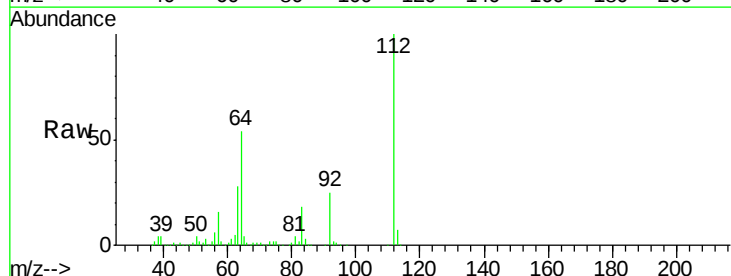
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



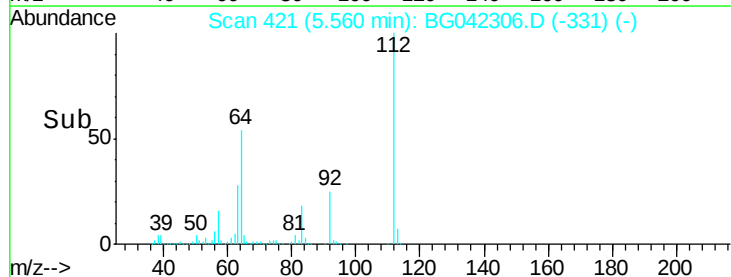
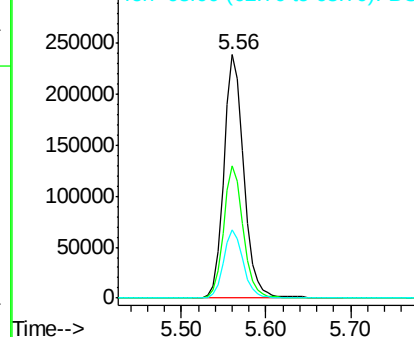
#5

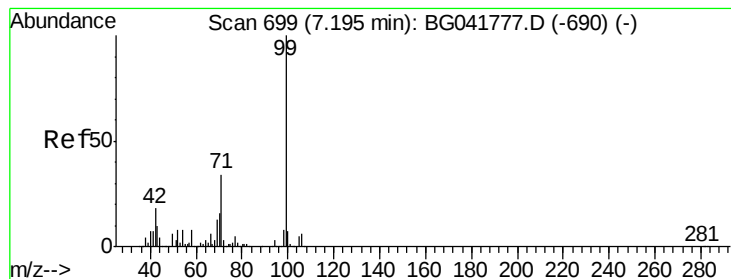
2-Fluorophenol
Concen: 126.726 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042306.D
Acq: 18 Aug 2019 3:39

Tgt Ion:112 Resp: 392841
Ion Ratio Lower Upper
112 100
64 54.2 55.4 83.2#
63 28.1 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: 113.987 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

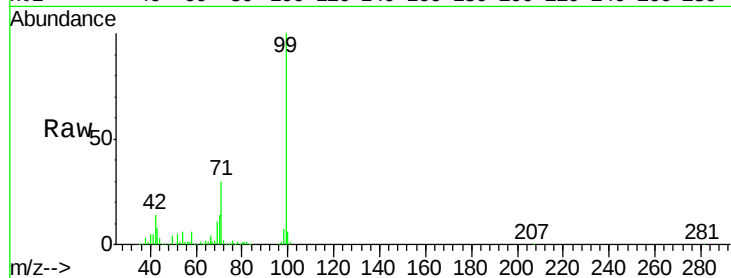
Tot Ion: 99 Resp: 476376

Ion Ratio Lower Upper

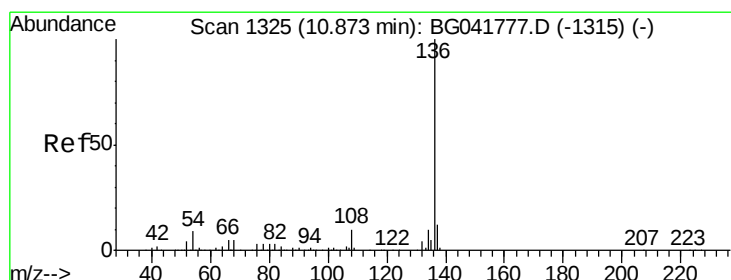
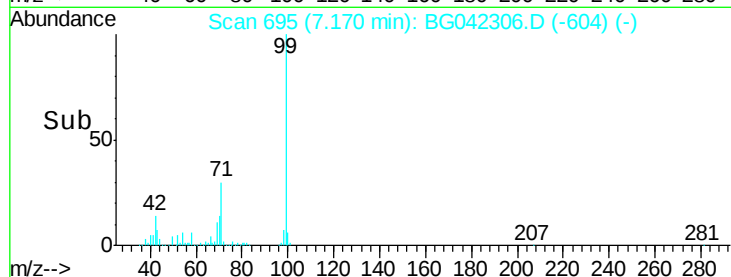
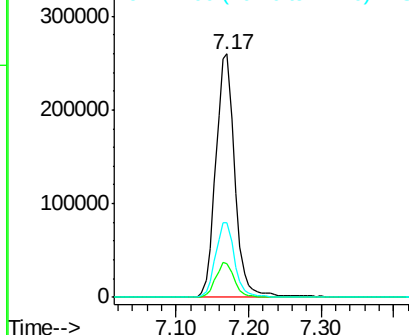
99 100

42 14.0 17.6 26.4#

71 30.5 27.8 41.6



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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

Tgt Ion: 136 Resp: 223702

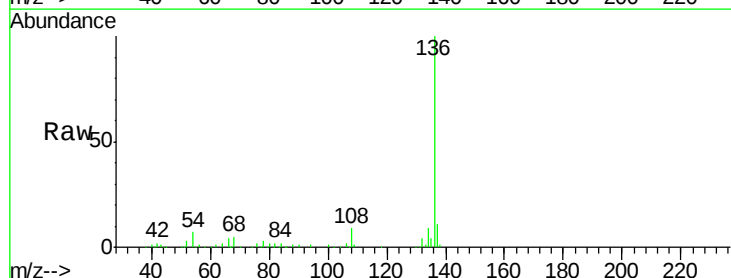
Ion Ratio Lower Upper

136 100

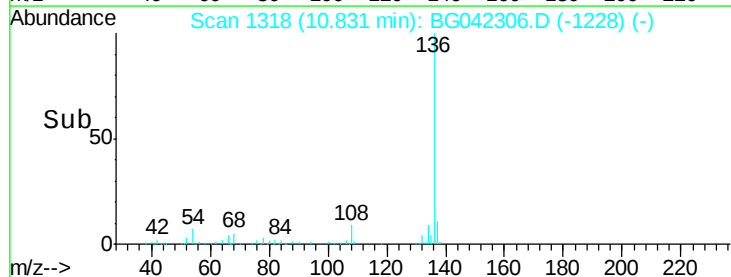
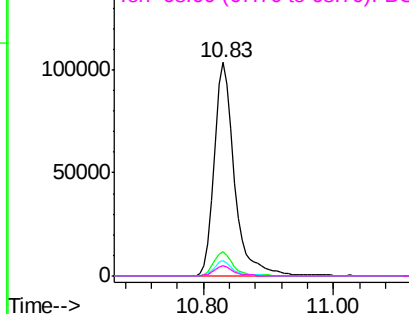
137 11.3 9.2 13.8

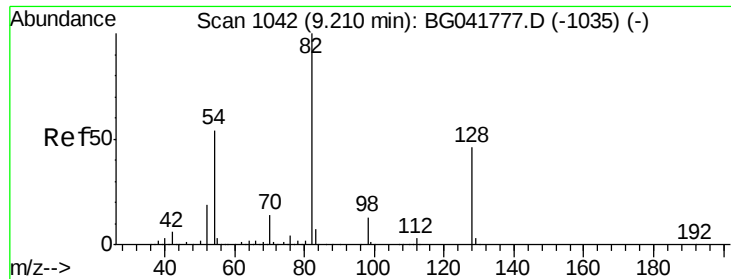
54 7.1 8.7 13.1#

68 4.9 5.5 8.3#



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

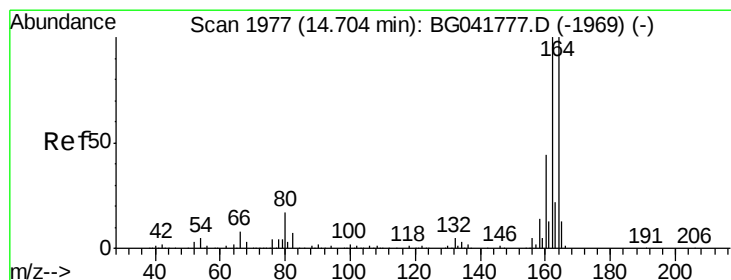
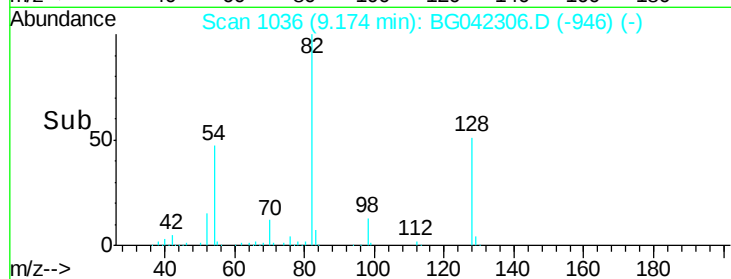
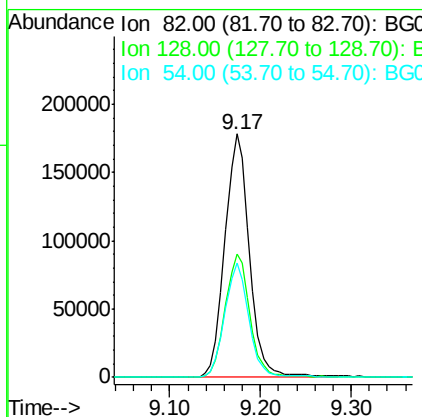
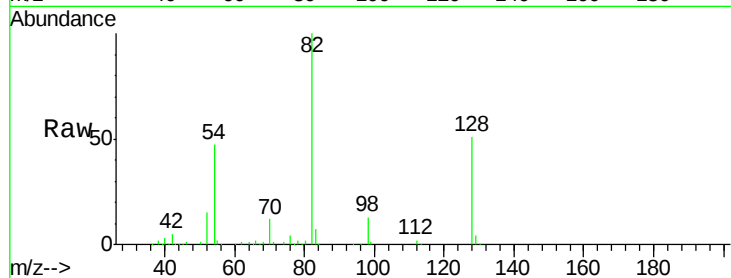




#23
 Nitrobenzene-d5
 Concen: 103.771 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042306.D
 Acq: 18 Aug 2019 3:39

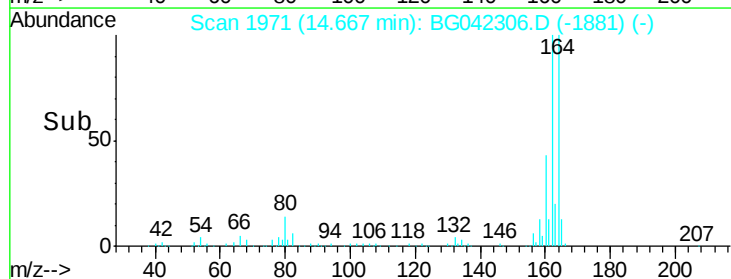
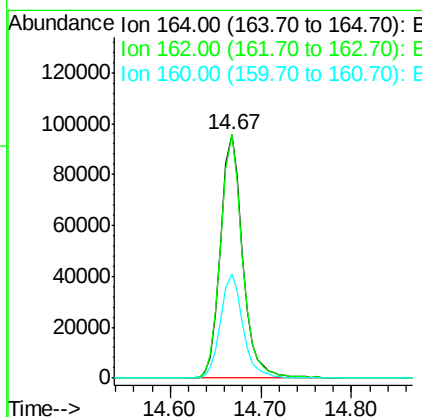
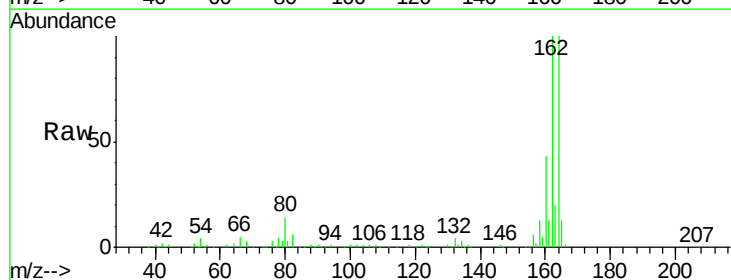
Instrument :
 BNA_G
 ClientSampleId :
 R1-R2(A1-A4)-(0-1)

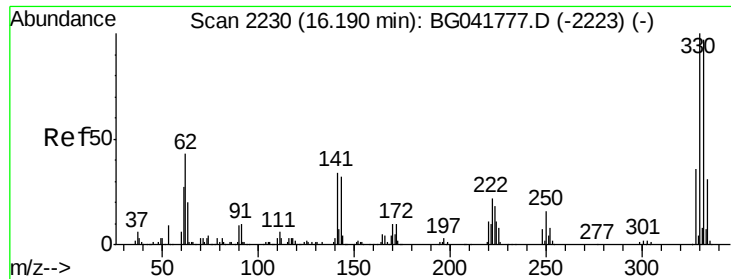
Tot Ion	82	Resp	337329
Ion Ratio	Lower	Upper	
82	100		
128	50.7	35.1	52.7
54	47.2	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042306.D
 Acq: 18 Aug 2019 3:39

Tgt Ion	164	Resp	161356
Ion Ratio	Lower	Upper	
164	100		
162	100.1	79.6	119.4
160	42.9	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 180.160 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

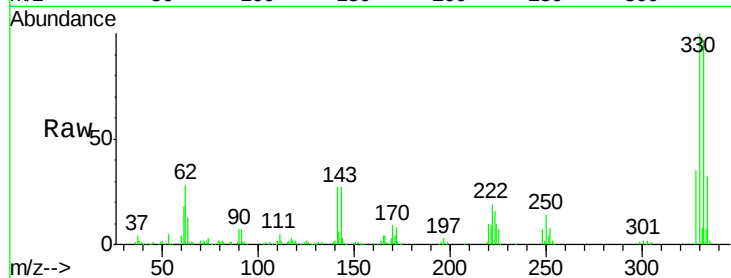
Tot Ion:330 Resp: 330194

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

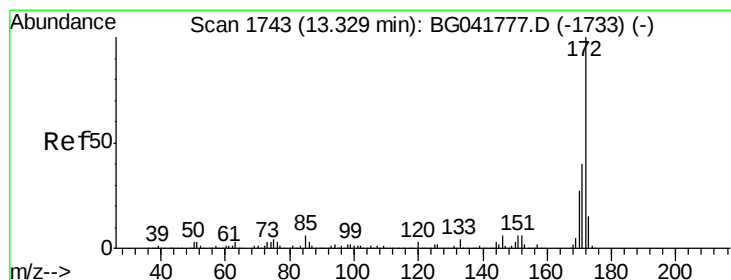
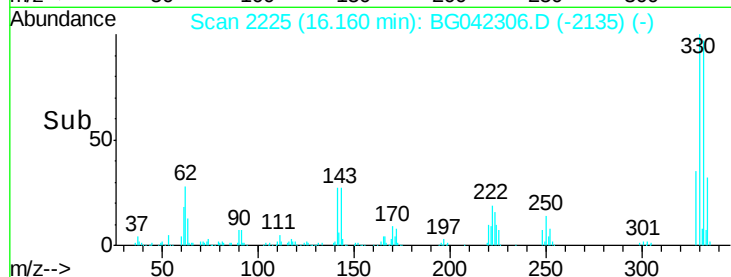
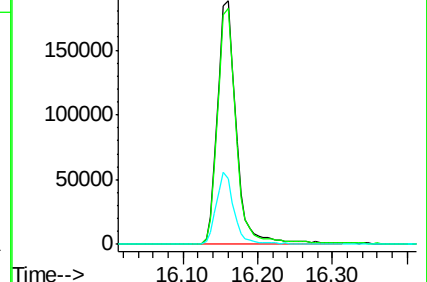
141 28.1 31.9 47.9#



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: 113.064 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

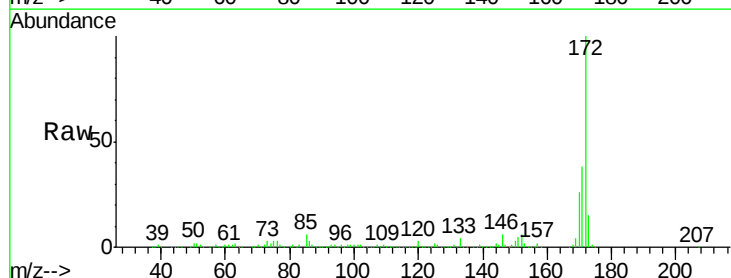
Tgt Ion:172 Resp: 1034377

Ion Ratio Lower Upper

172 100

171 38.4 35.0 52.4

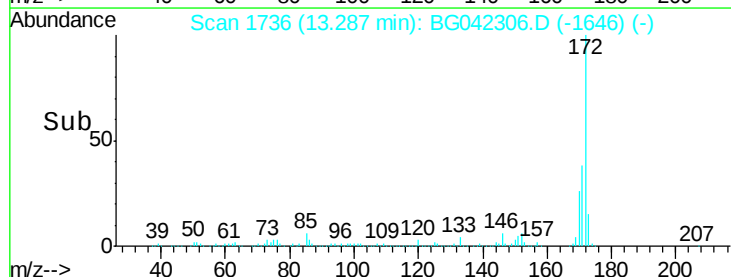
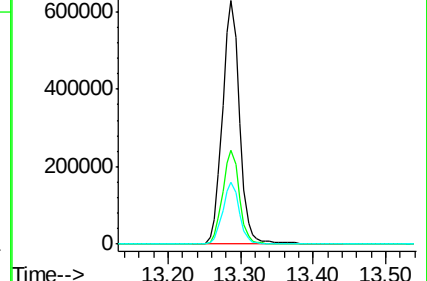
170 25.6 23.5 35.3

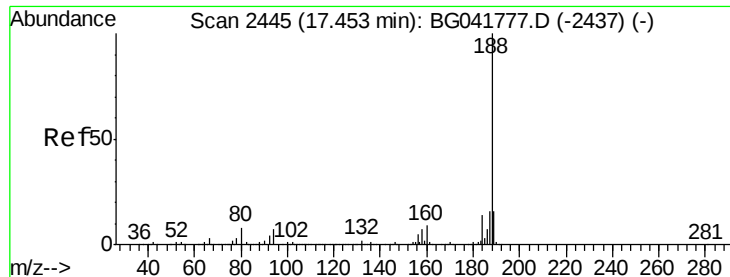


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG042306.D

Acq: 18 Aug 2019 3:39

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

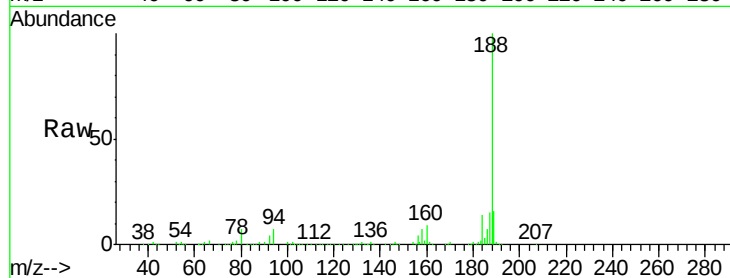
Tot Ion:188 Resp: 390552

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

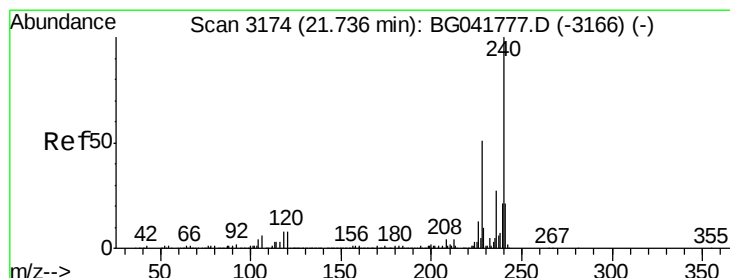
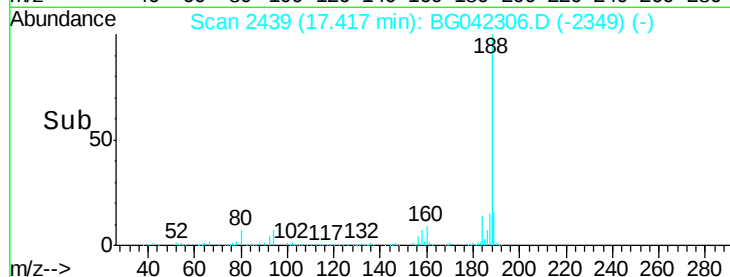
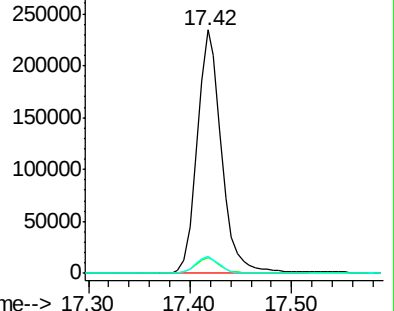
80 7.2 8.0 12.0#



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# 3167

Delta R.T. -0.01 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

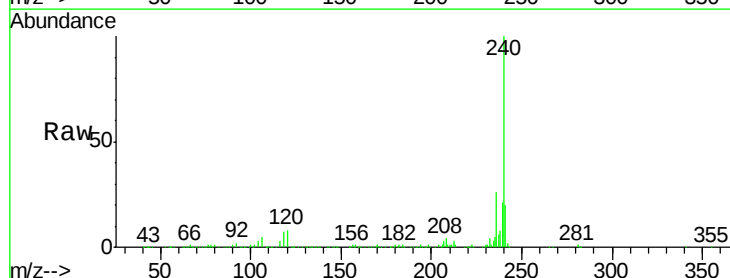
Tgt Ion:240 Resp: 449711

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

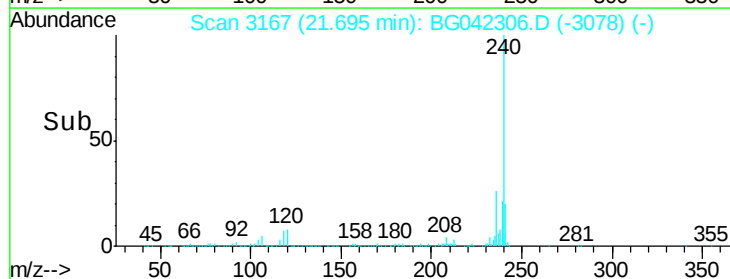
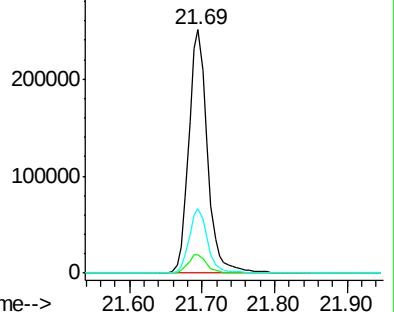
236 26.3 22.6 33.8

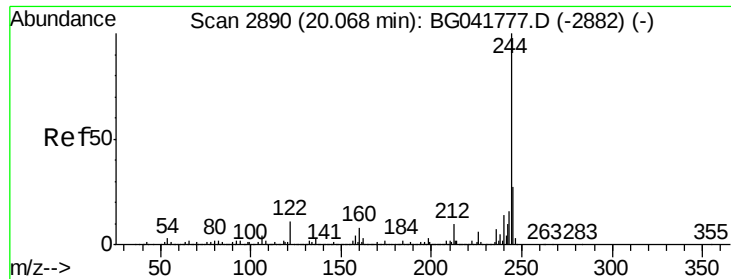


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.941 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

Instrument :

BNA_G

ClientSampleId :

R1-R2(A1-A4)-(0-1)

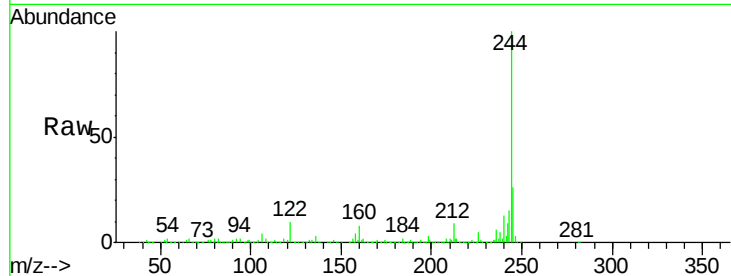
Tot Ion:244 Resp: 2003443

Ion Ratio Lower Upper

244 100

212 8.9 9.7 14.5#

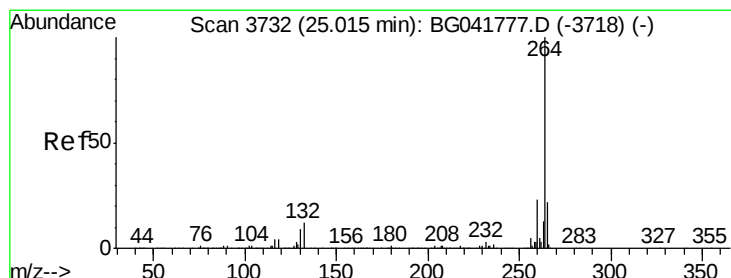
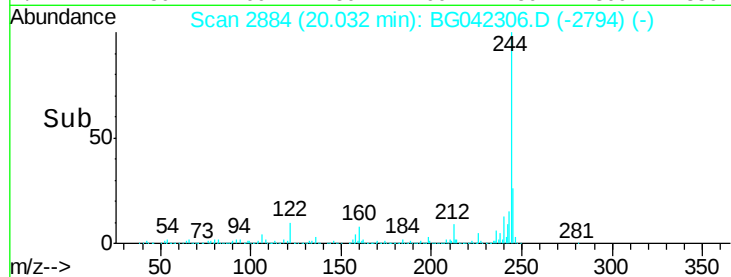
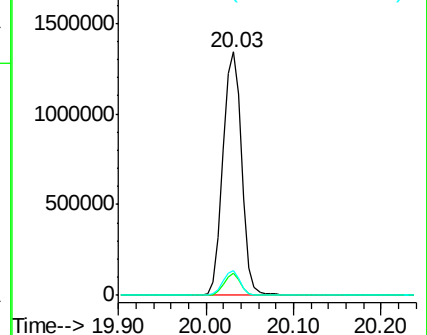
122 10.4 12.5 18.7#



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: 24.94 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG042306.D

Acq: 18 Aug 2019 3:39

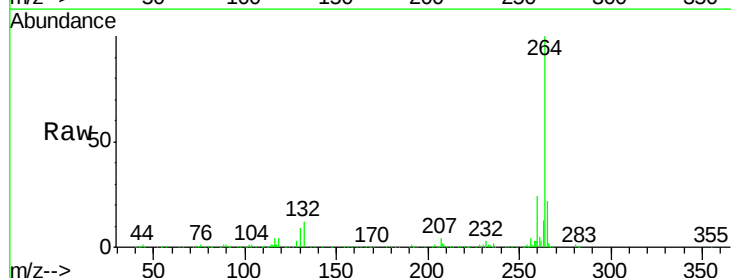
Tgt Ion:264 Resp: 511134

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.9 18.0 27.0



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

