

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042311.D
 Acq On : 18 Aug 2019 6:51
 Operator : HP/JU
 Sample : K4266-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-C1-C4-(4.3)

Quant Time: Aug 19 08:17:34 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	59262	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	215076	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	156365	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	384175	20.00	ng	0.00
76) Chrysene-d12	21.69	240	435416	20.00	ng	0.00
87) Perylene-d12	24.93	264	488059	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	386916	127.03	ng	0.00
7) Phenol-d6	7.16	99	466372	113.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	338073	108.17	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	334485	188.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1034071	116.64	ng	0.00
79) Terphenyl-d14	20.03	244	2016486	105.97	ng	0.00

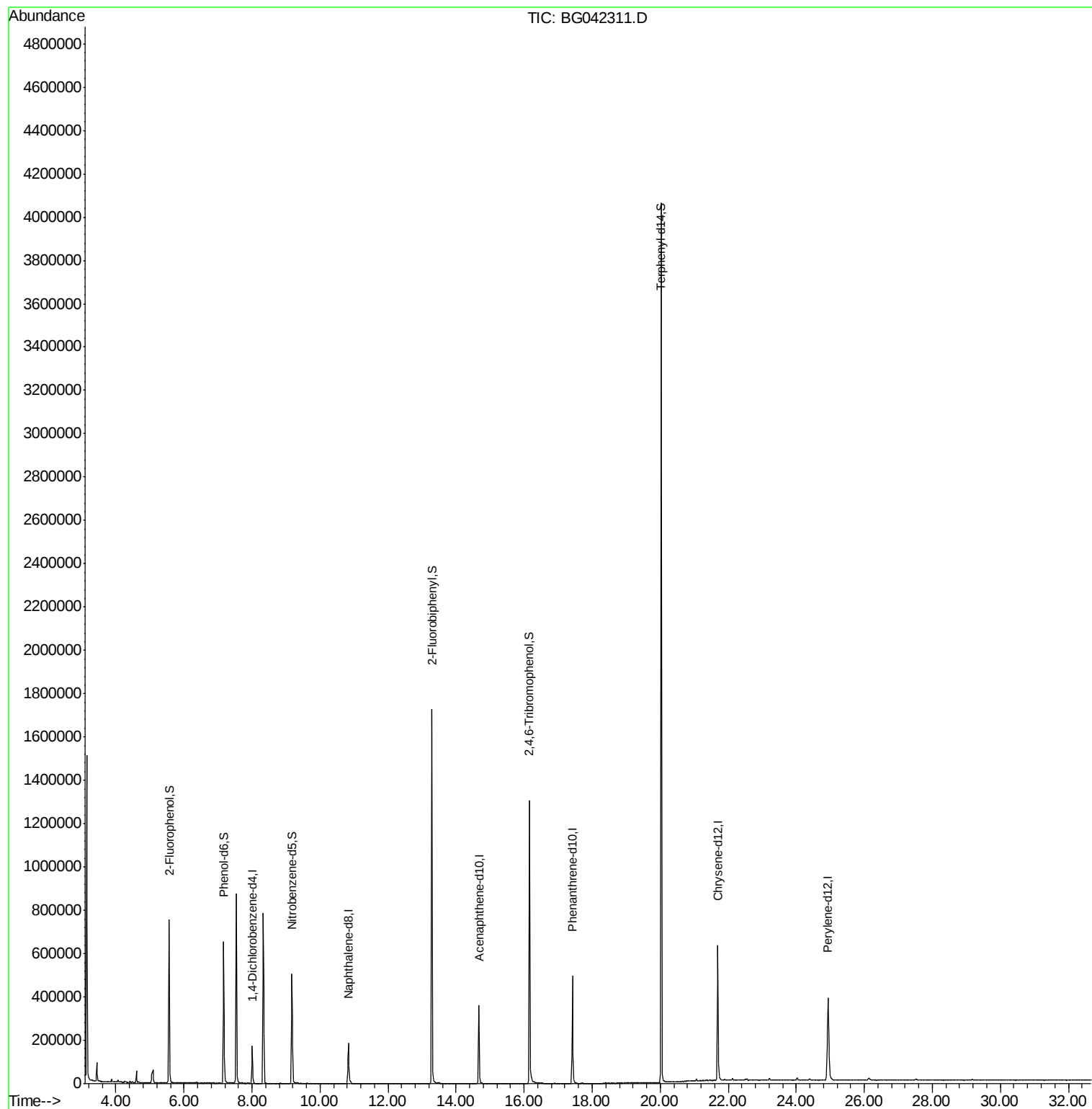
Target Compounds Qvalue

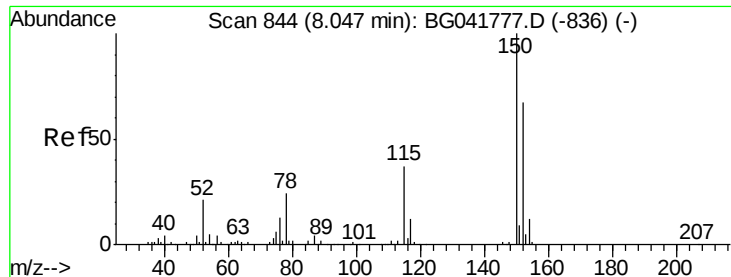
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042311.D
Acq On : 18 Aug 2019 6:51
Operator : HP/JU
Sample : K4266-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R1-R2-C1-C4-(4.3)

Quant Time: Aug 19 08:17:34 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



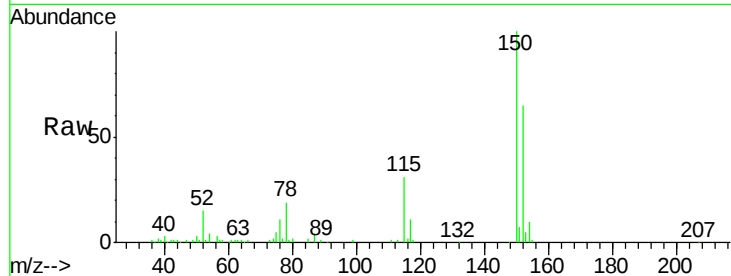


#1

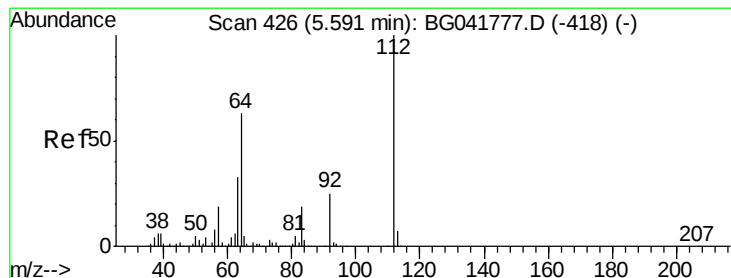
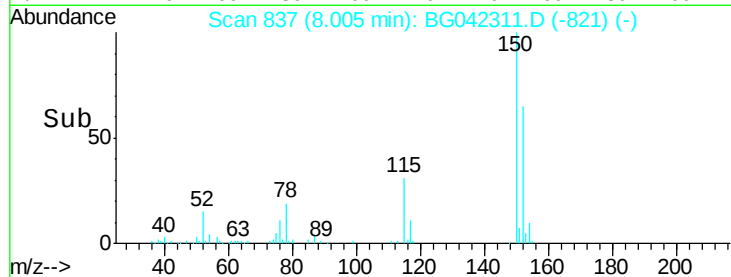
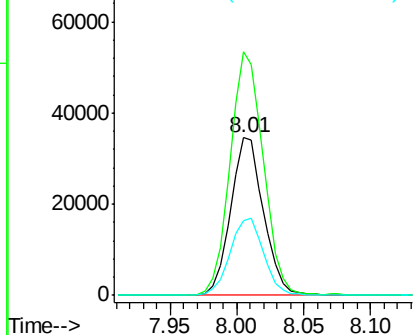
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042311.D
Acq: 18 Aug 2019 6:51

Instrument :
BNA_G
ClientSampleId :
R1-R2-C1-C4-(4.3)

Tot Ion	152	Resp	59262
Ion Ratio	Lower	Upper	
152	100		
150	154.4	126.9	190.3
115	47.3	45.0	67.6



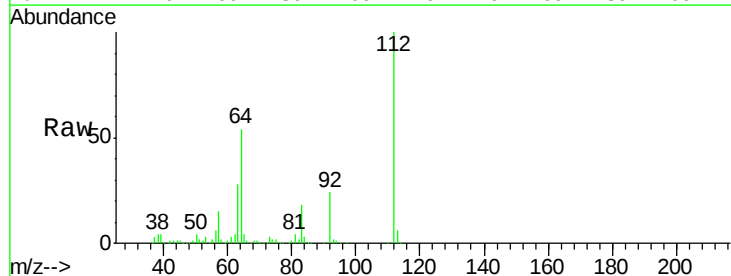
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



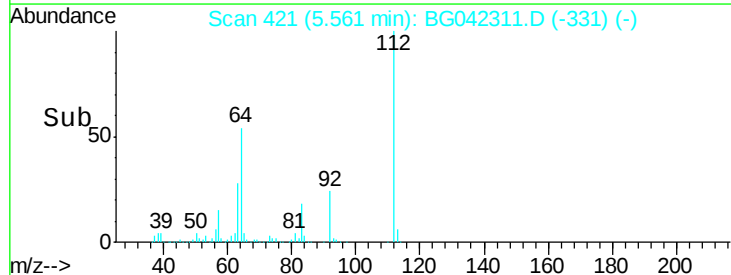
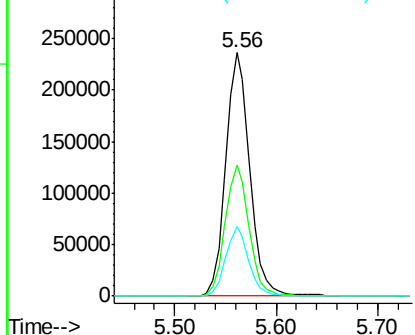
#5

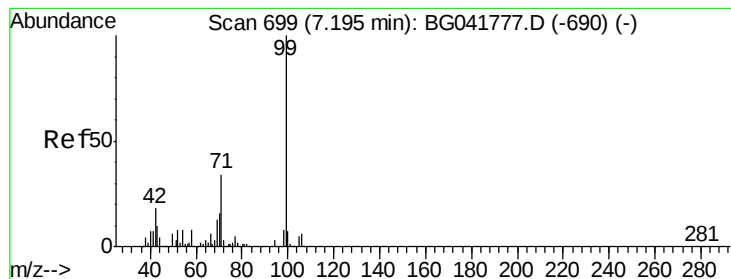
2-Fluorophenol
Concen: 127.028 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042311.D
Acq: 18 Aug 2019 6:51

Tgt Ion	112	Resp	386916
Ion Ratio	Lower	Upper	
112	100		
64	53.8	55.4	83.2#
63	28.4	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: 113.572 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042311.D

Acq: 18 Aug 2019 6:51

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(4.3)

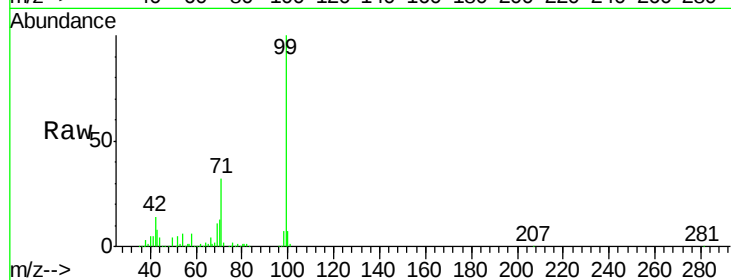
Tot Ion: 99 Resp: 466372

Ion Ratio Lower Upper

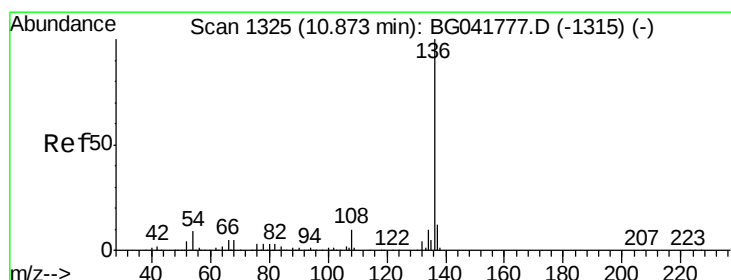
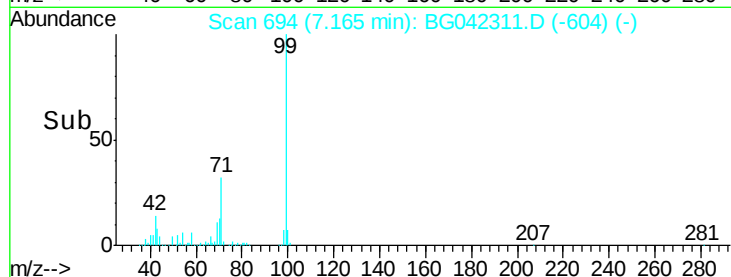
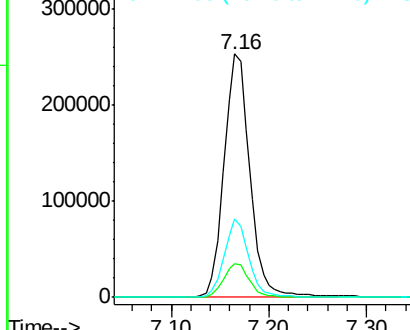
99 100

42 13.8 17.6 26.4#

71 32.0 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: BG042311.D

Acq: 18 Aug 2019 6:51

Tgt Ion: 136 Resp: 215076

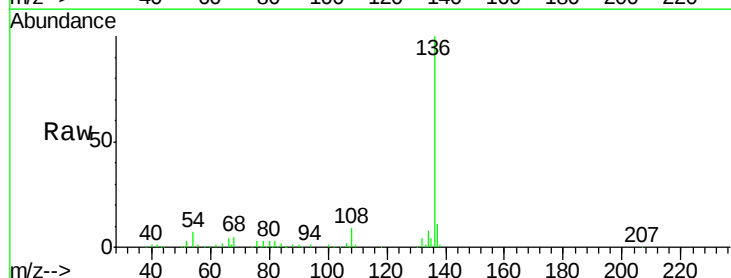
Ion Ratio Lower Upper

136 100

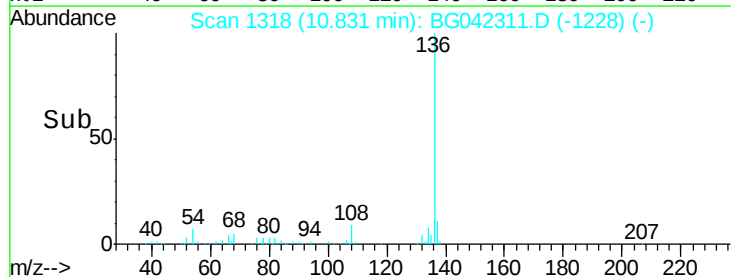
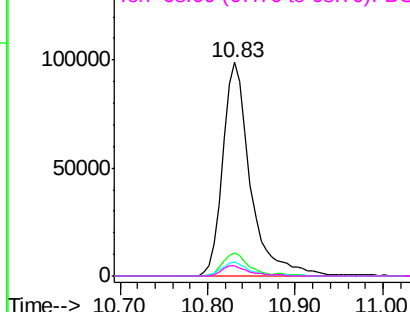
137 11.1 9.2 13.8

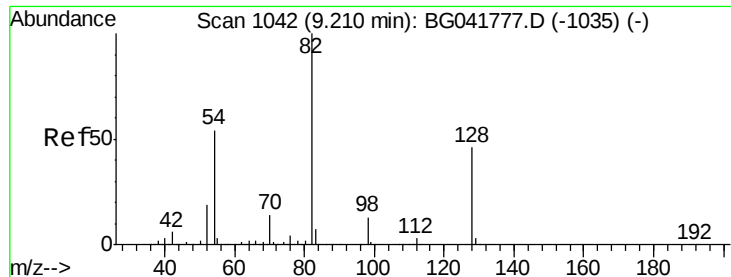
54 6.6 8.7 13.1#

68 4.5 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

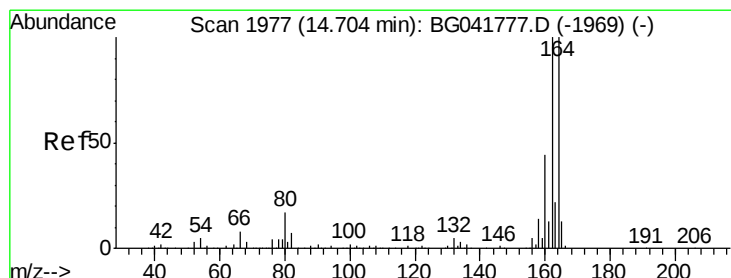
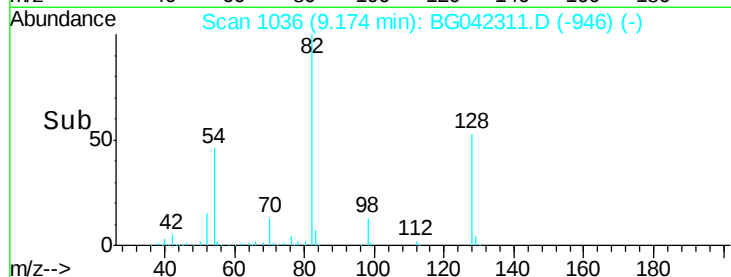
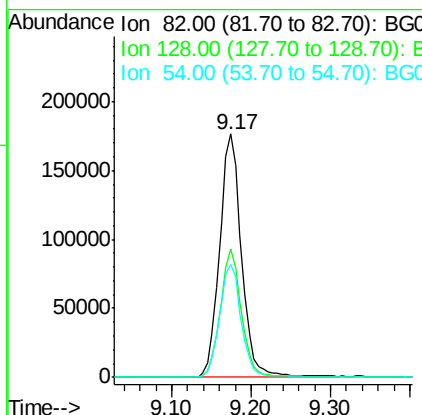
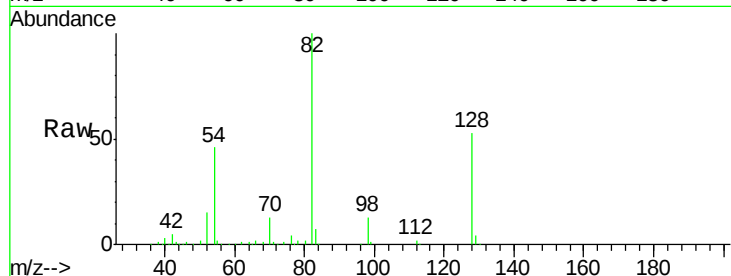




#23
 Nitrobenzene-d5
 Concen: 108.171 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042311.D
 Acq: 18 Aug 2019 6:51

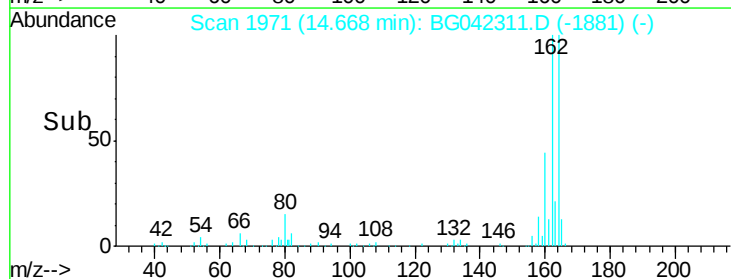
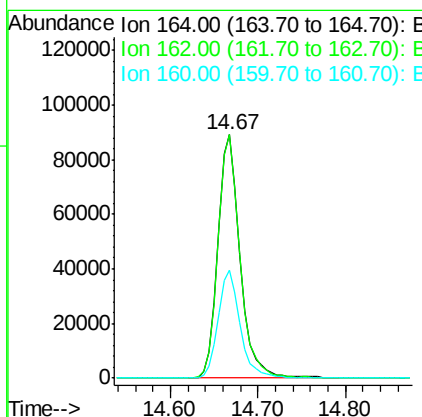
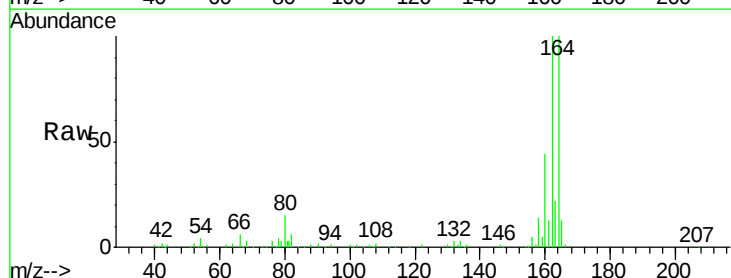
Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-C1-C4-(4.3)

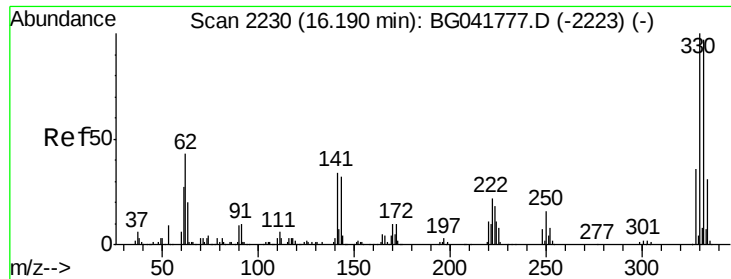
Tot Ion	82	Resp	338073
Ion	Ratio	Lower	Upper
82	100		
128	52.9	35.1	52.7#
54	46.3	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042311.D
 Acq: 18 Aug 2019 6:51

Tgt Ion	164	Resp	156365
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.6	119.4
160	44.2	35.4	53.0

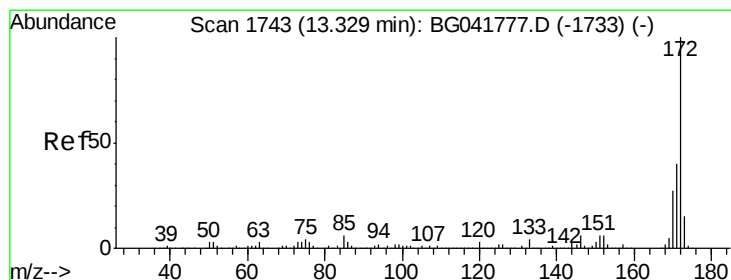
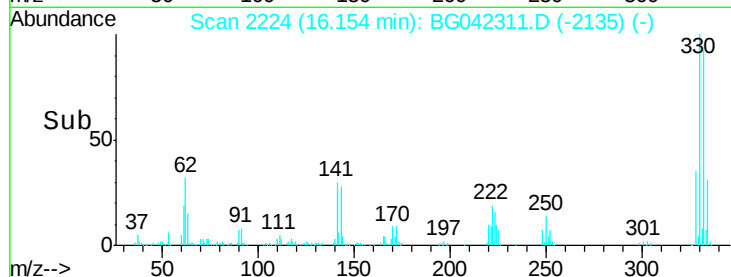
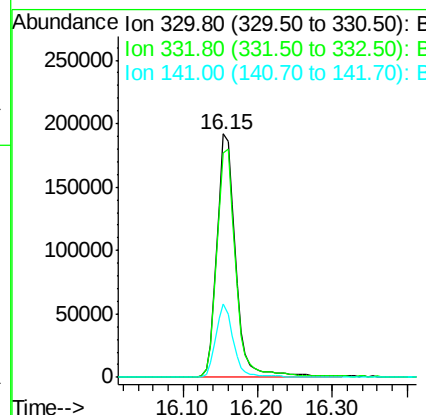
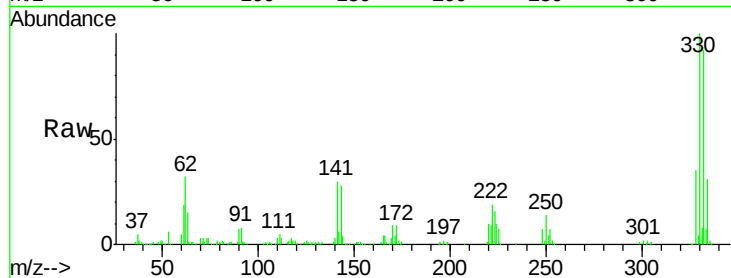




#42
 2,4,6-Tribromophenol
 Concen: 188.326 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042311.D
 Acq: 18 Aug 2019 6:51

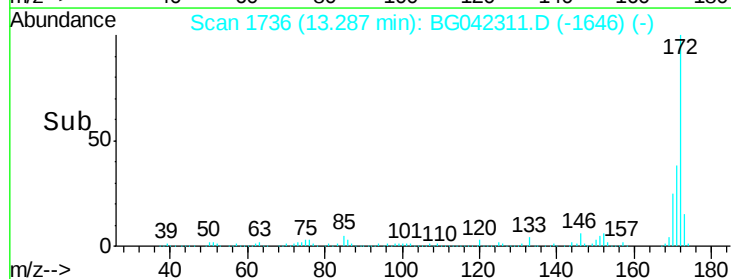
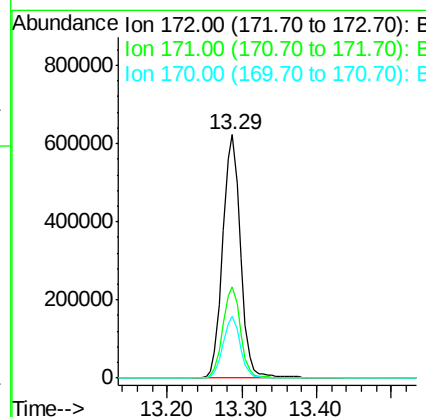
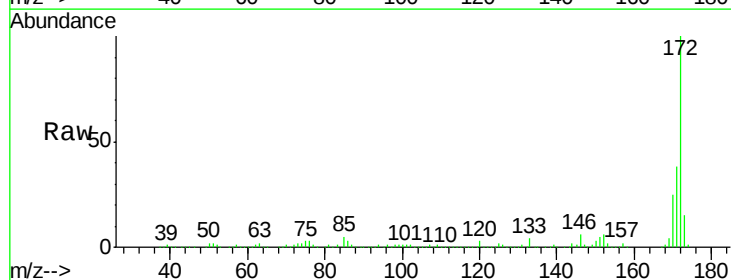
Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-C1-C4-(4.3)

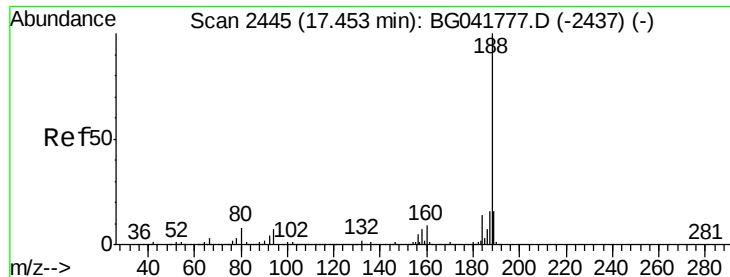
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	28.4	31.9	47.9



#45
 2-Fluorobiphenyl
 Concen: 116.638 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG042311.D
 Acq: 18 Aug 2019 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	35.0	52.4
170	25.2	23.5	35.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042311.D

Acq: 18 Aug 2019 6:51

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(4.3)

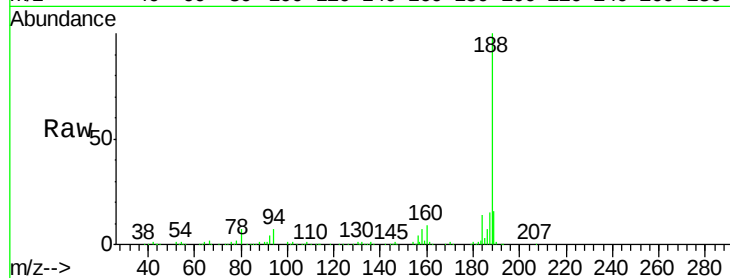
Tot Ion:188 Resp: 384175

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

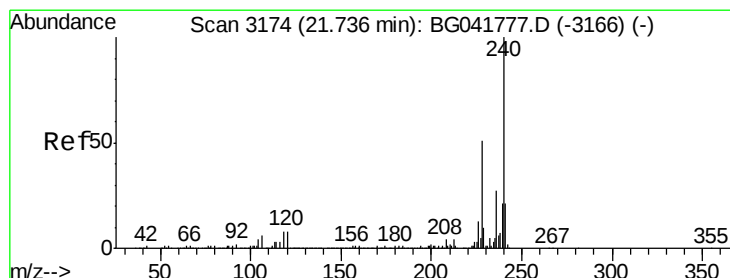
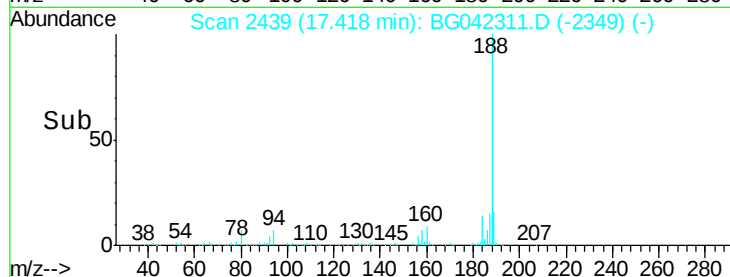
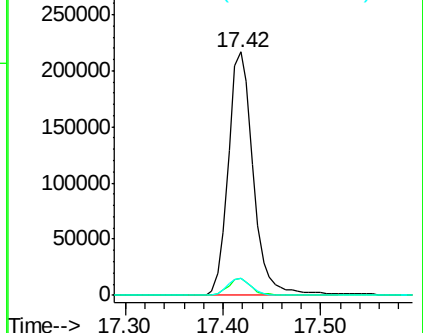
80 7.2 8.0 12.0#



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: BG042311.D

Acq: 18 Aug 2019 6:51

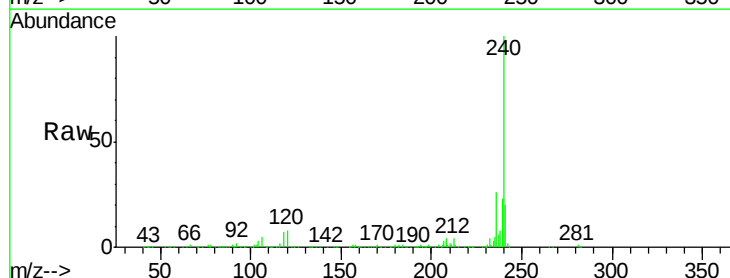
Tgt Ion:240 Resp: 435416

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

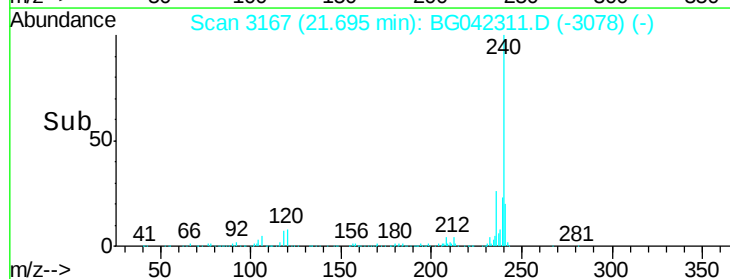
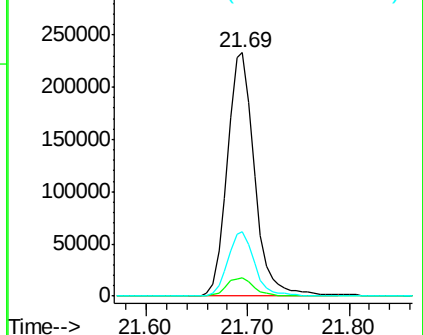
236 26.4 22.6 33.8

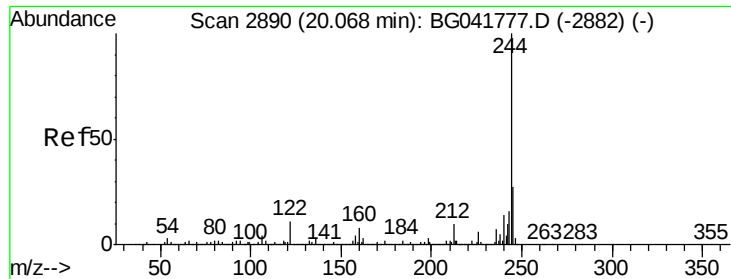


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.973 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042311.D

Acq: 18 Aug 2019 6:51

Instrument :

BNA_G

ClientSampleId :

R1-R2-C1-C4-(4.3)

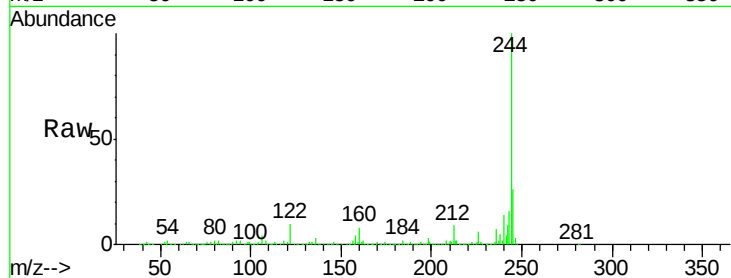
Tot Ion:244 Resp: 2016486

Ion Ratio Lower Upper

244 100

212 9.0 9.7 14.5#

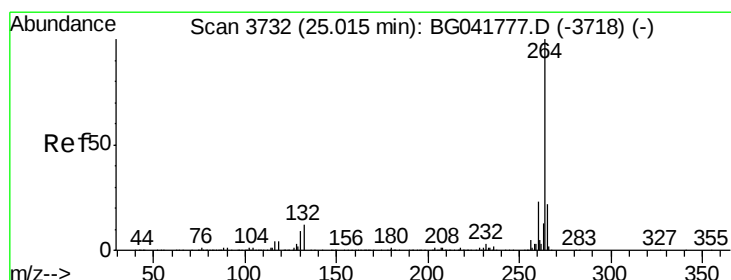
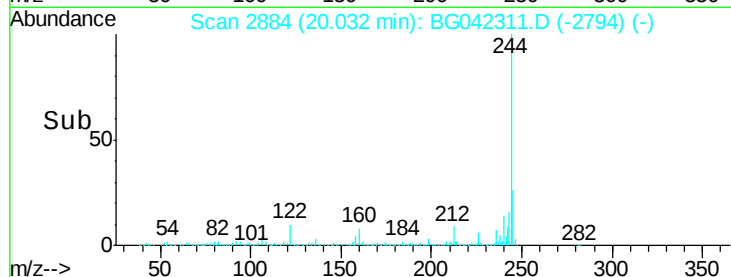
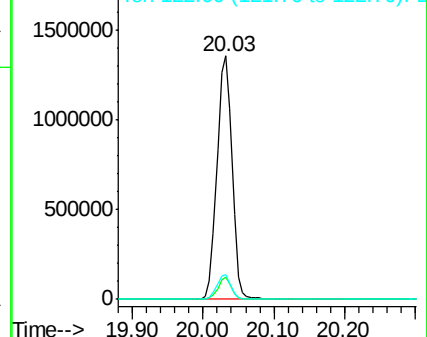
122 10.2 12.5 18.7#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042311.D

Acq: 18 Aug 2019 6:51

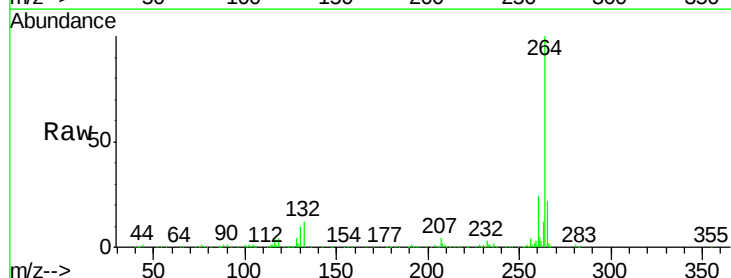
Tgt Ion:264 Resp: 488059

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.2 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

