

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041860.D
 Acq On : 1 Aug 2019 12:59
 Operator : HP/JU
 Sample : K3622-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Quant Time: Aug 01 15:15:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	94700	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	346816	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	244335	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	589094	20.00	ng	0.00
76) Chrysene-d12	21.73	240	646445	20.00	ng	0.00
87) Perylene-d12	25.00	264	735661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	611151	125.56	ng	0.00
7) Phenol-d6	7.20	99	752343	114.65	ng	0.00
23) Nitrobenzene-d5	9.21	82	567122	112.53	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	480552	173.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1441844	104.08	ng	0.00
79) Terphenyl-d14	20.06	244	2494071	88.28	ng	0.00

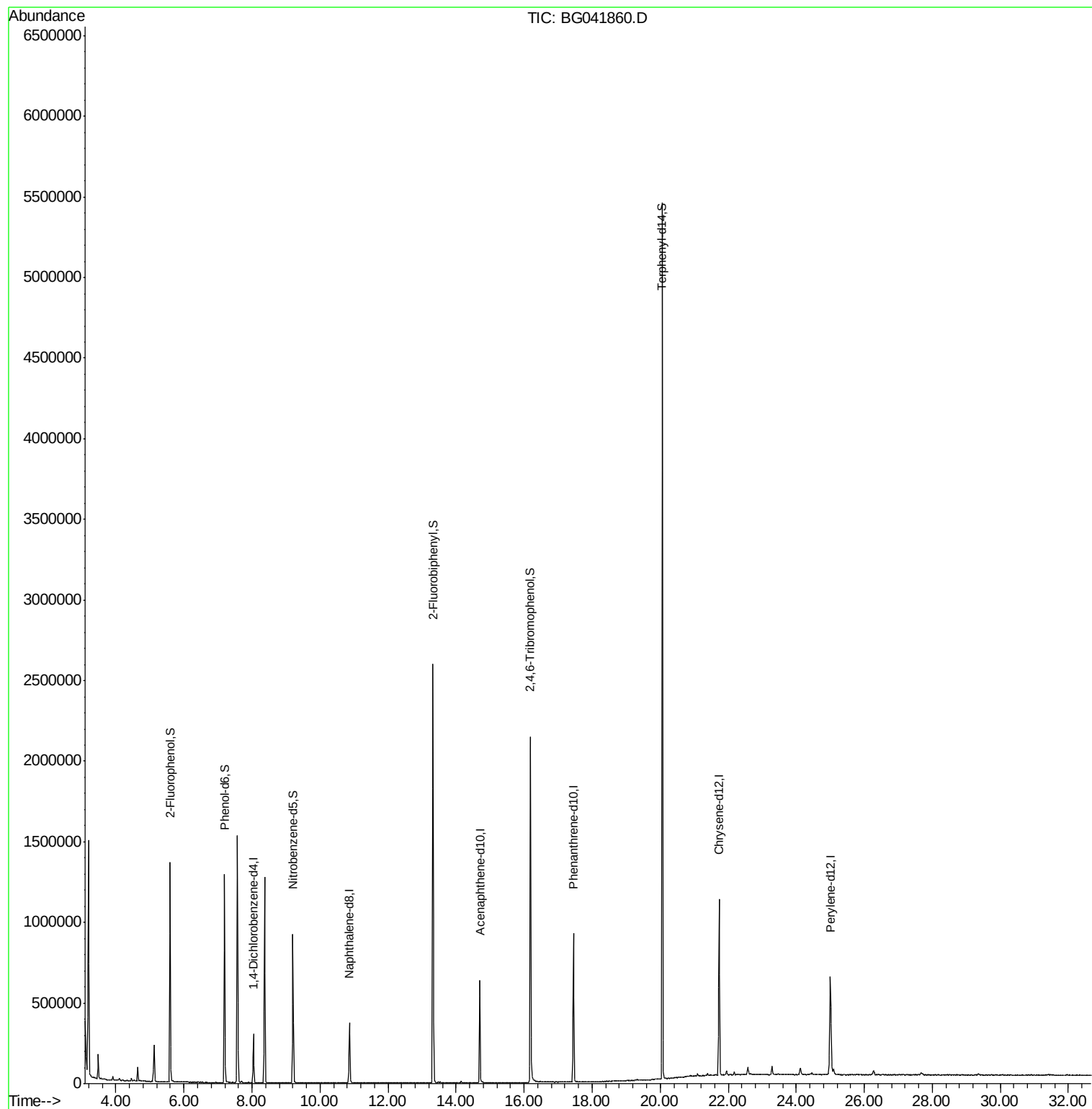
Target Compounds Qvalue

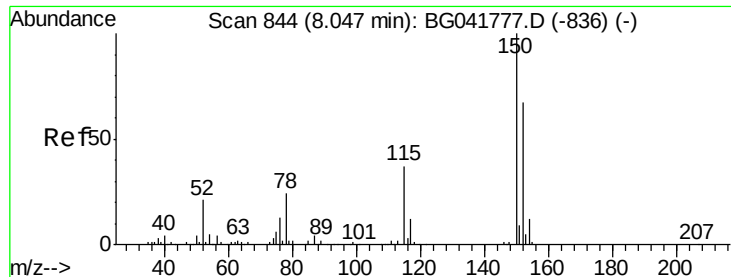
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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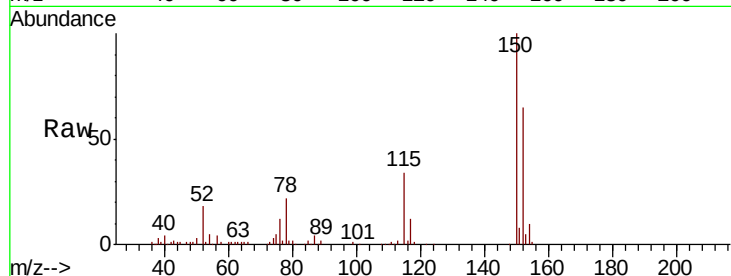


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041860.D
Acq: 1 Aug 2019 12:59

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tot Ion	152	Resp	94700
Ion Ratio	Lower	Upper	
152	100		
150	154.0	126.9	190.3
115	52.2	45.0	67.6

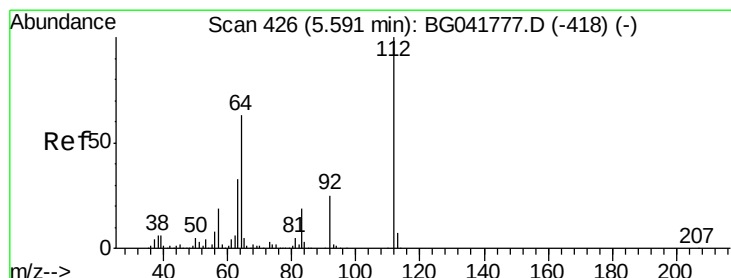
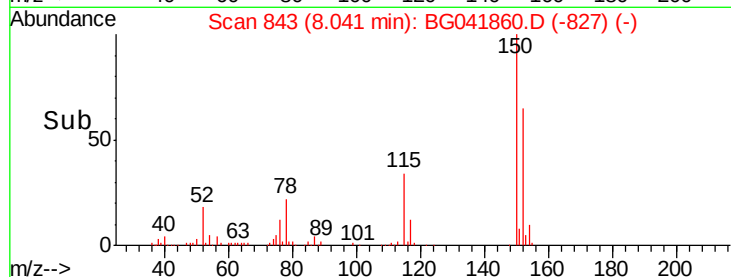
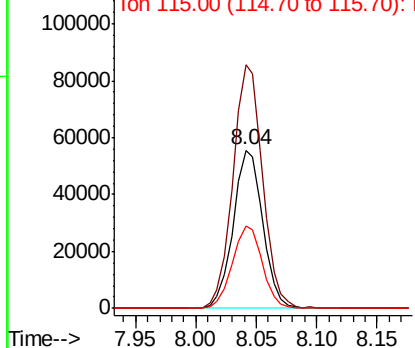


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

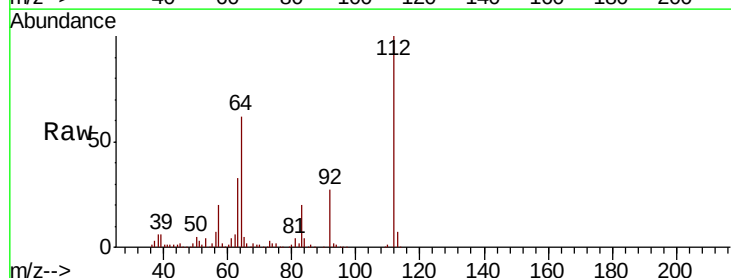
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.562 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041860.D
Acq: 1 Aug 2019 12:59

Tgt Ion	112	Resp	611151
Ion Ratio	Lower	Upper	
112	100		
64	62.3	55.4	83.2
63	33.0	29.1	43.7

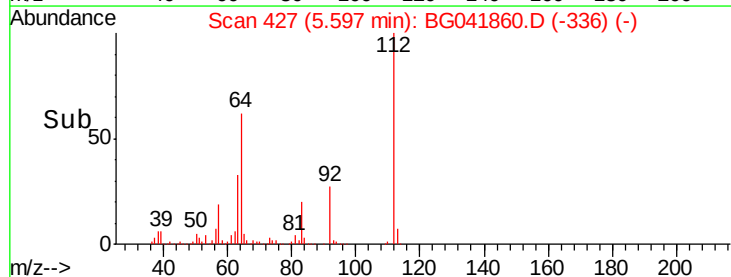
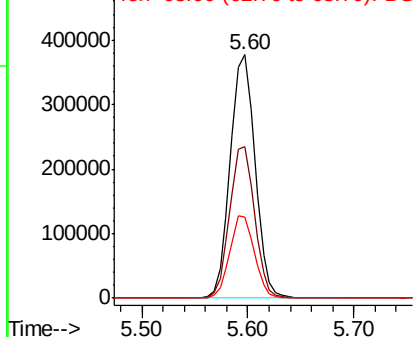


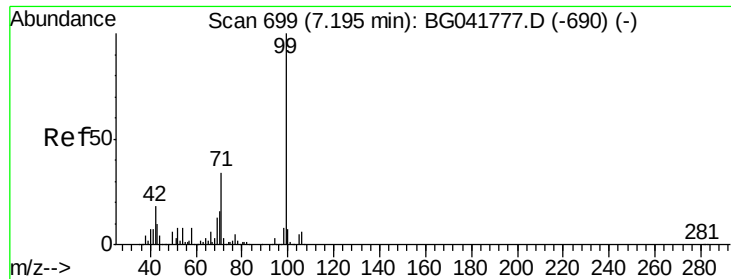
Abundance

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: 114.652 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041860.D

Acq: 1 Aug 2019 12:59

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

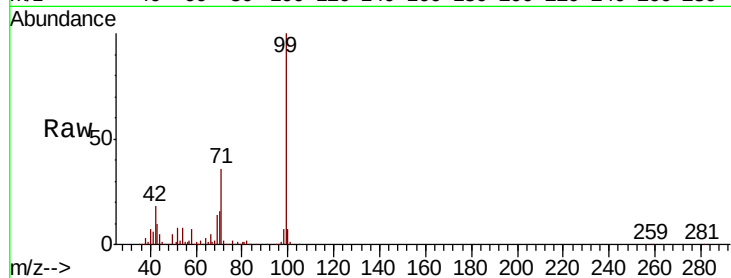
Tot Ion: 99 Resp: 752343

Ion Ratio Lower Upper

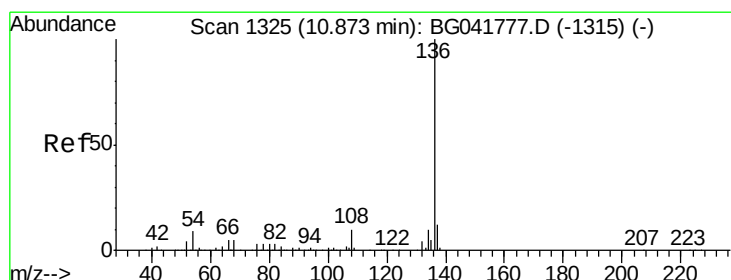
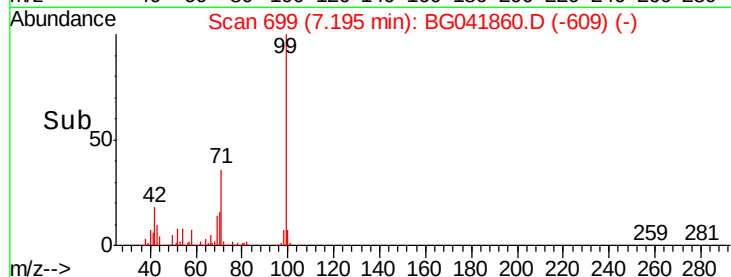
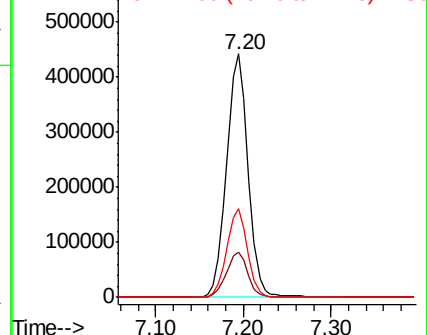
99 100

42 18.5 17.6 26.4

71 36.3 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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041860.D

Acq: 1 Aug 2019 12:59

Tgt Ion: 136 Resp: 346816

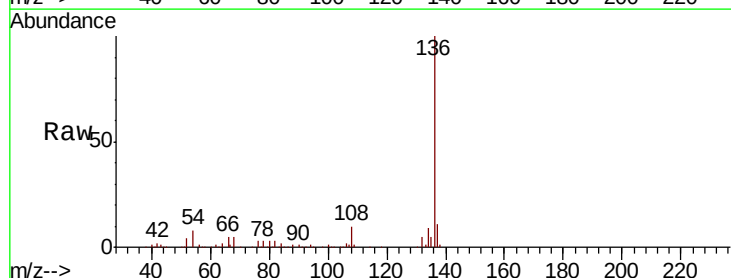
Ion Ratio Lower Upper

136 100

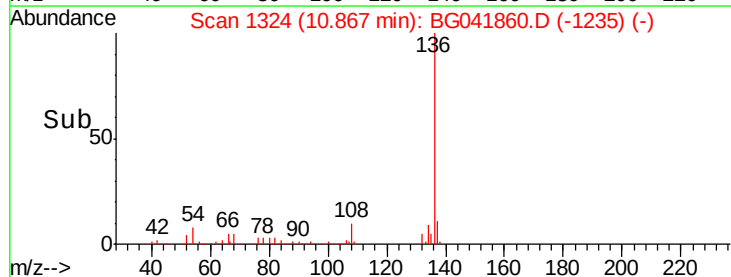
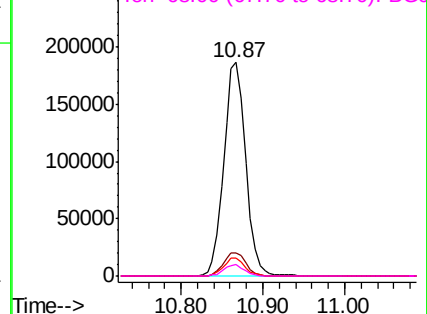
137 11.1 9.2 13.8

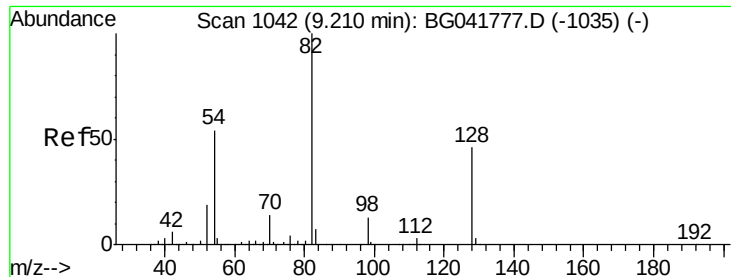
54 8.4 8.7 13.1#

68 5.2 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: 112.530 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG041860.D

Acq: 1 Aug 2019 12:59

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

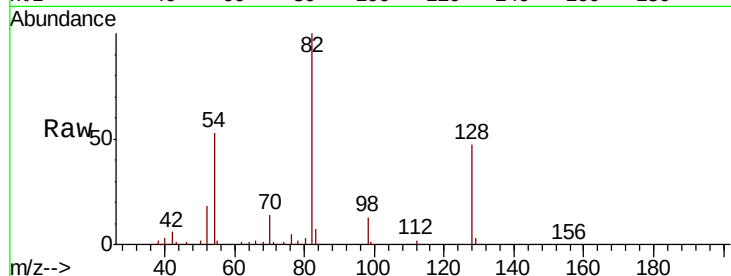
Tot Ion: 82 Resp: 567122

Ion Ratio Lower Upper

82 100

128 47.2 35.1 52.7

54 53.4 48.7 73.1

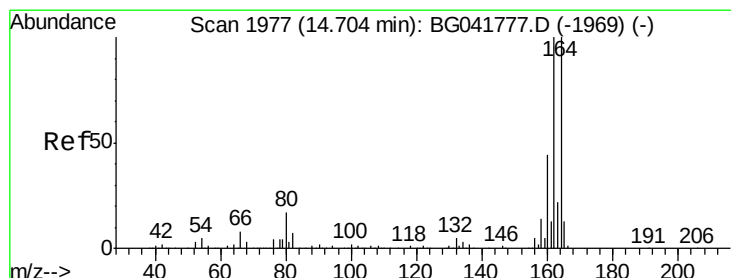
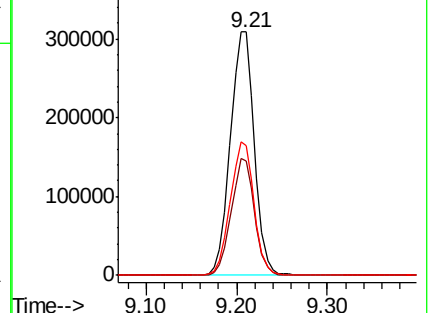
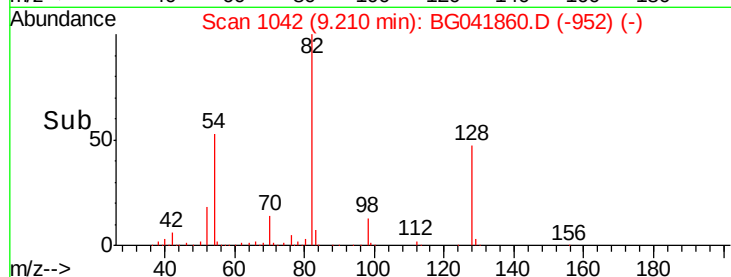


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041860.D

Acq: 1 Aug 2019 12:59

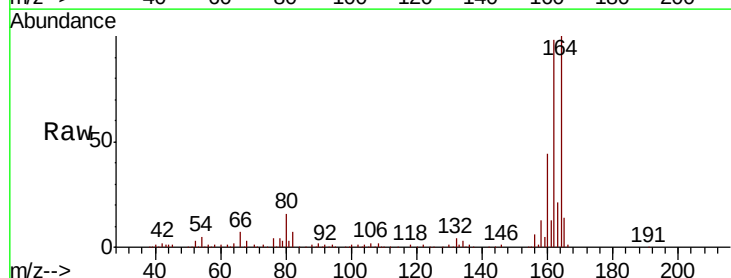
Tgt Ion:164 Resp: 244335

Ion Ratio Lower Upper

164 100

162 97.9 79.6 119.4

160 43.9 35.4 53.0

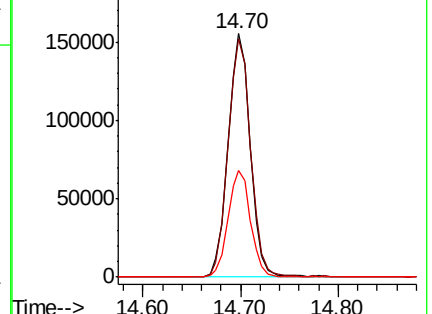
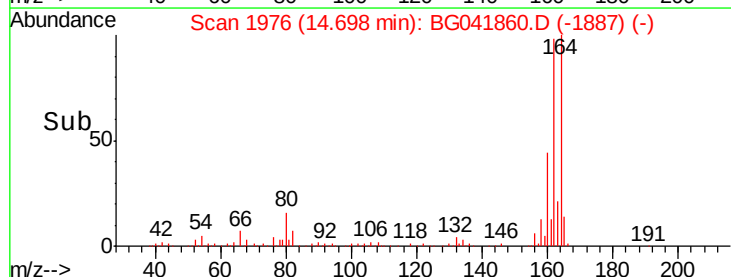


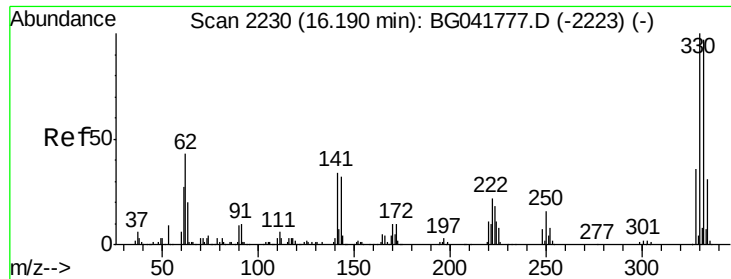
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

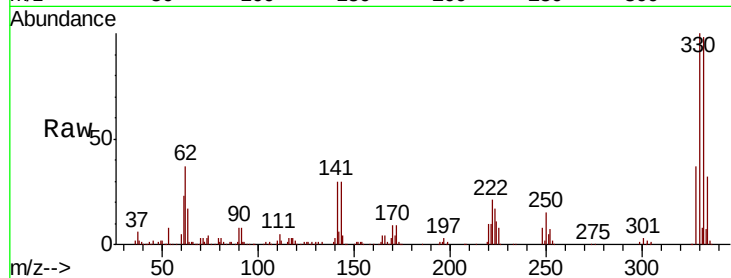




#42
 2,4,6-Tribromophenol
 Concen: 173.152 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041860.D
 Acq: 1 Aug 2019 12:59

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	32.2	31.9	47.9

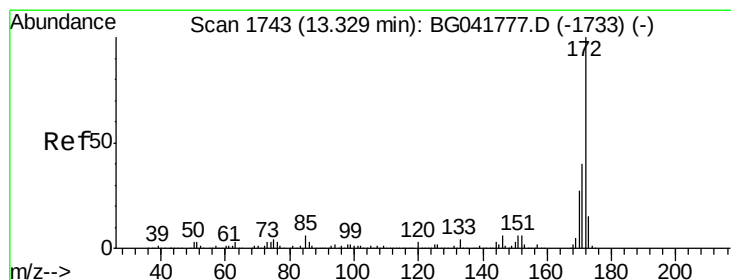
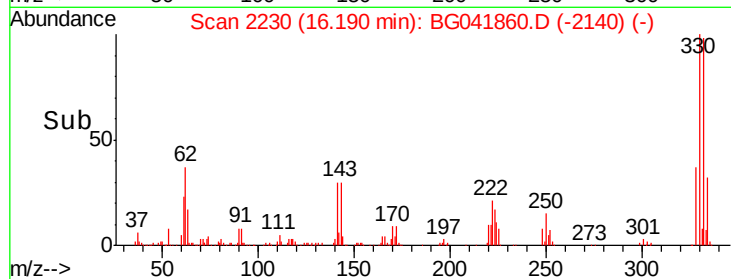
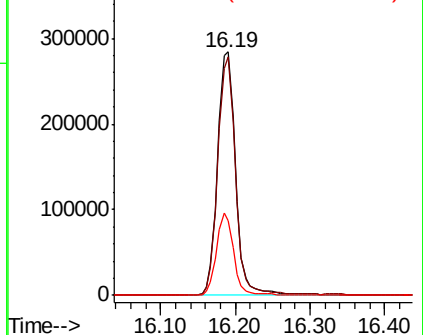


Abundance

Ion 329.80 (329.50 to 330.50): E

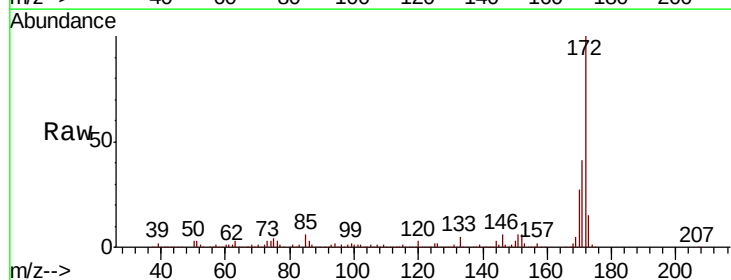
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.079 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041860.D
 Acq: 1 Aug 2019 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	27.0	23.5	35.3

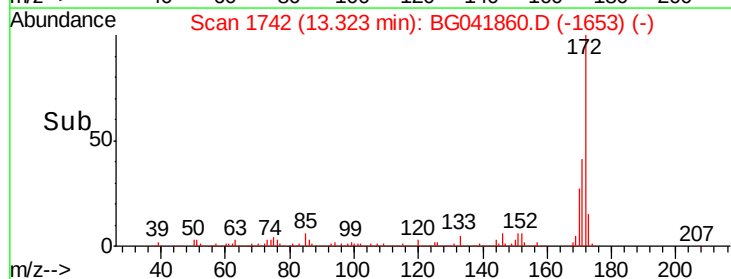
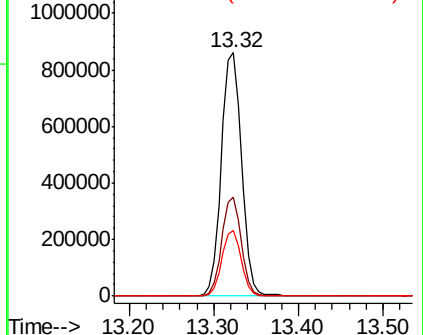


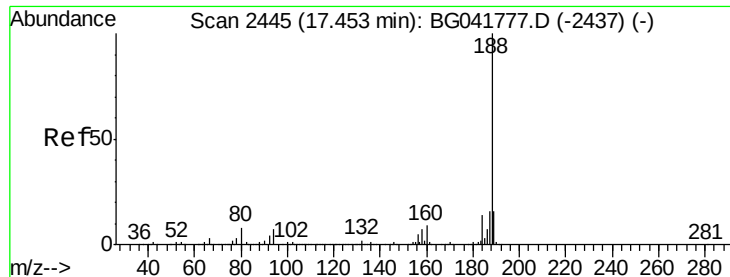
Abundance

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

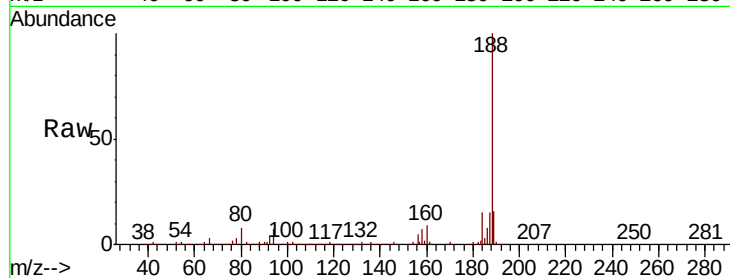




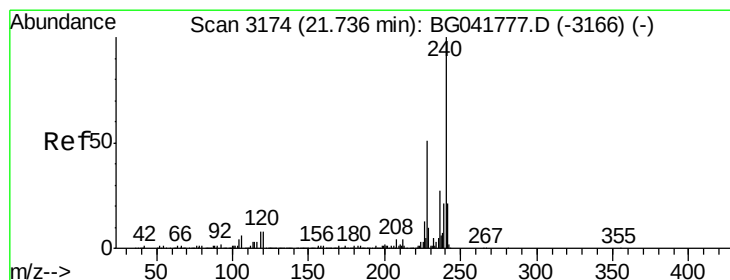
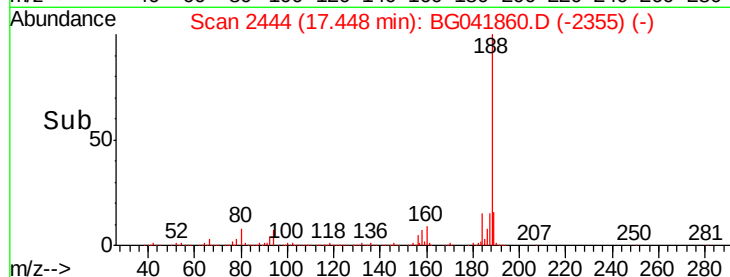
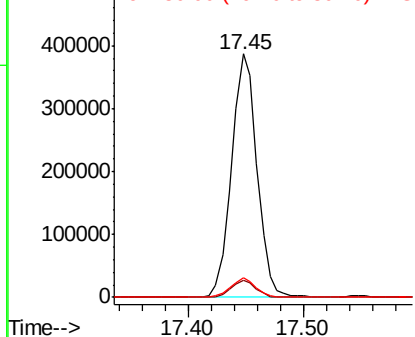
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041860.D
Acq: 1 Aug 2019 12:59

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-B

Tot Ion:188 Resp: 589094
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.9 8.0 12.0#

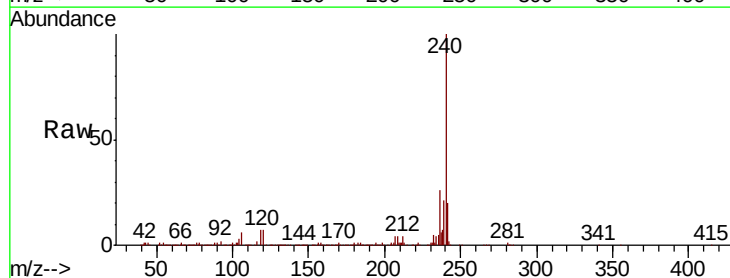


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

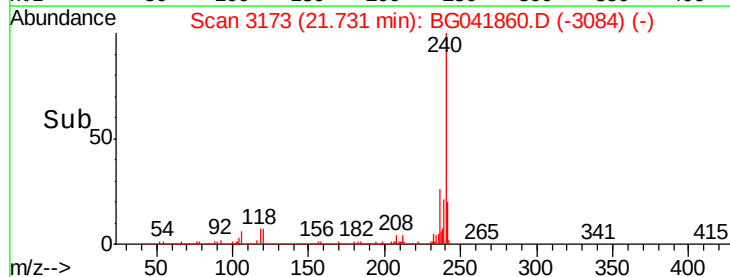
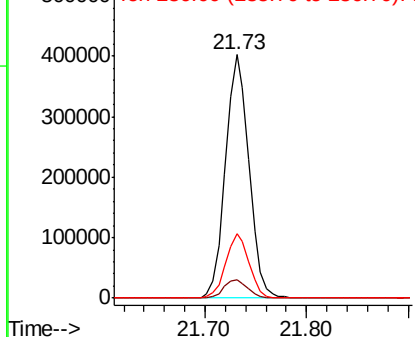


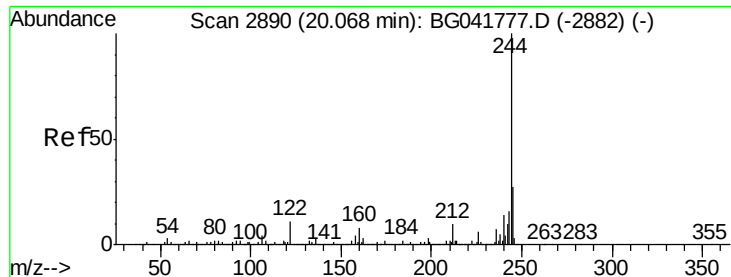
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041860.D
Acq: 1 Aug 2019 12:59

Tgt Ion:240 Resp: 646445
Ion Ratio Lower Upper
240 100
120 7.4 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: 88.284 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041860.D

Acq: 1 Aug 2019 12:59

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-B

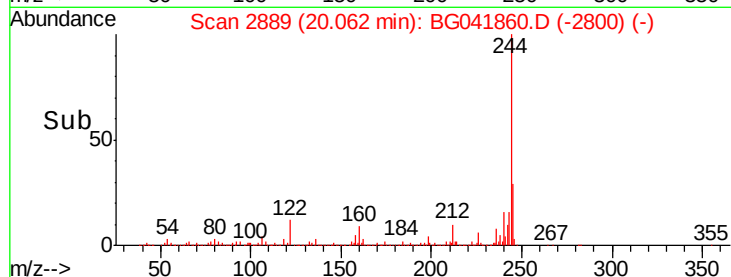
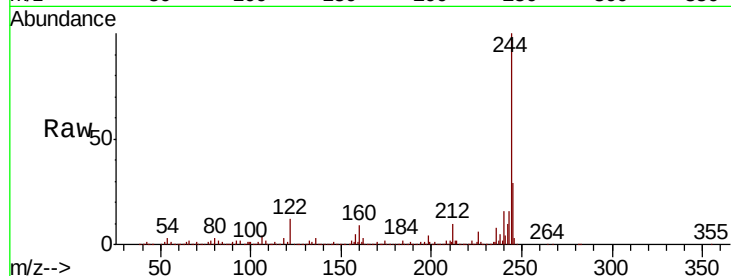
Tot Ion:244 Resp: 2494071

Ion Ratio Lower Upper

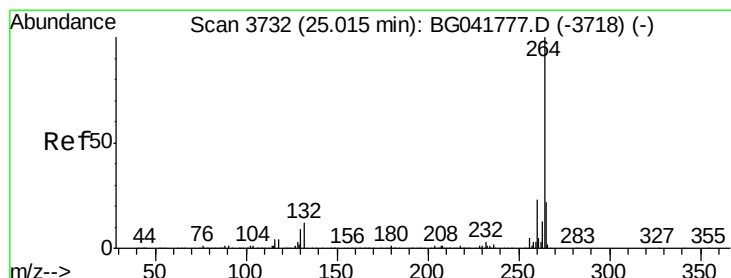
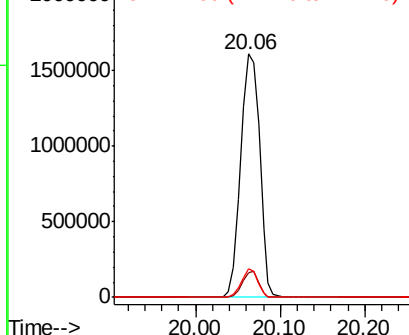
244 100

212 10.4 9.7 14.5

122 11.9 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: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041860.D

Acq: 1 Aug 2019 12:59

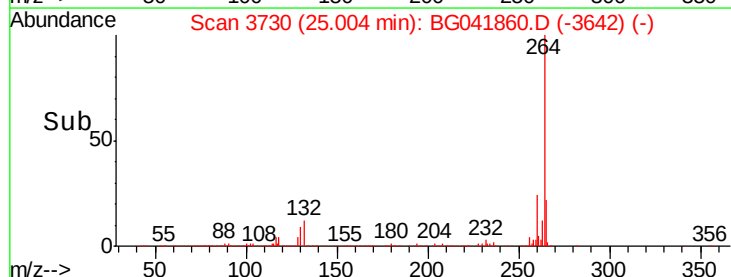
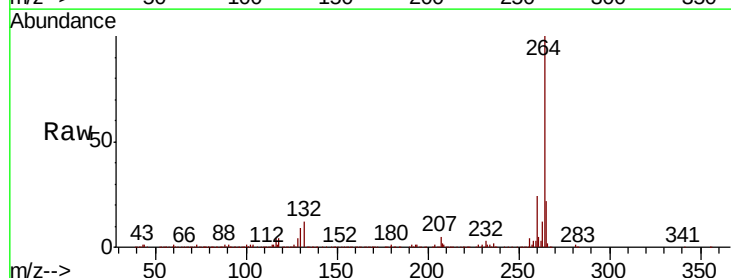
Tgt Ion:264 Resp: 735661

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.7 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

