

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041068.D
 Acq On : 5 Jun 2019 11:44
 Operator : HP/JU
 Sample : PB120267BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BL

Quant Time: Jun 06 04:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40785	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	149066	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	96698	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	250607	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	285749	20.00	ng	-0.02
87) Perylene-d12	25.09	264	309320	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	290883	128.61	ng	0.00
7) Phenol-d6	7.25	99	400840	114.75	ng	-0.01
23) Nitrobenzene-d5	9.29	82	277123	82.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	181866	126.69	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	601695	89.61	ng	-0.02
79) Terphenyl-d14	20.08	244	1134006	84.23	ng	-0.02

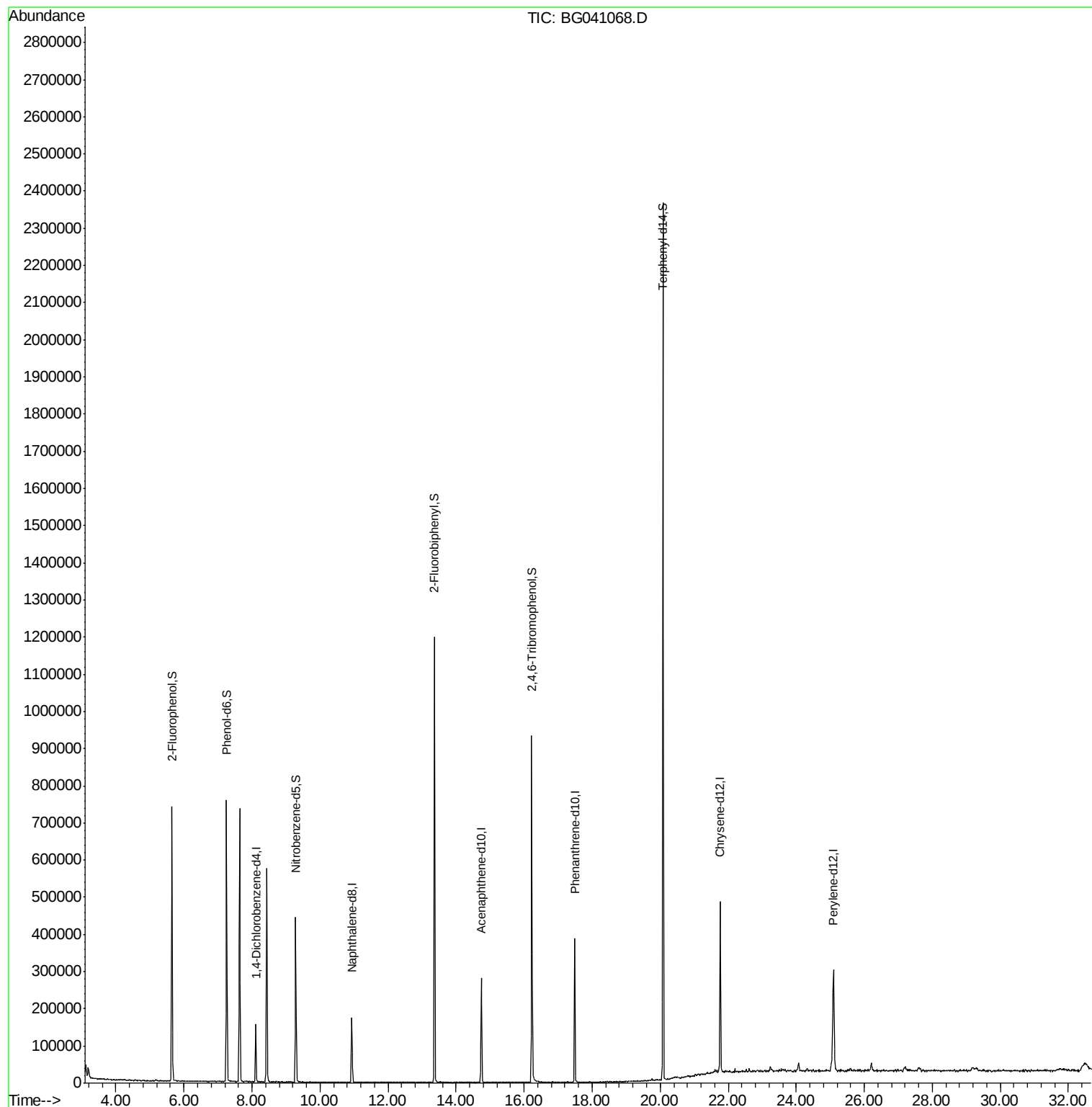
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

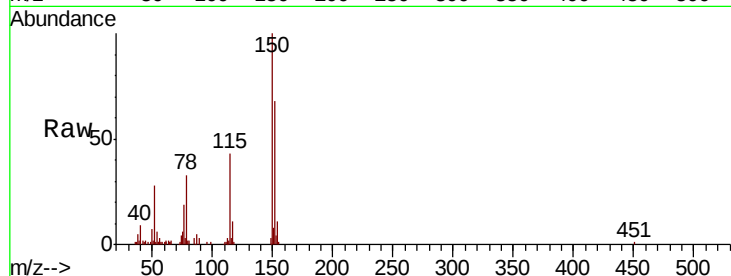
Tot Ion:152 Resp: 40785

Ion Ratio Lower Upper

152 100

150 147.2 120.6 180.8

115 62.8 45.1 67.7

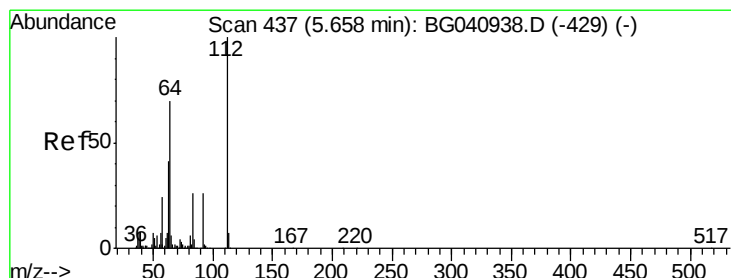
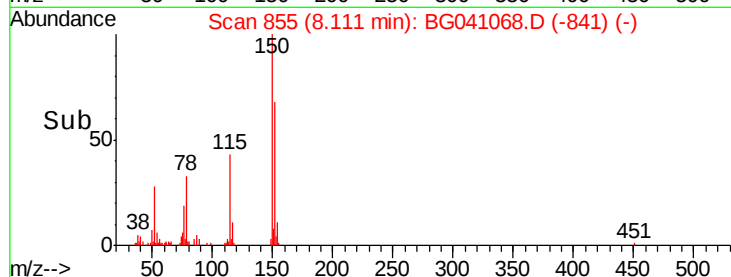
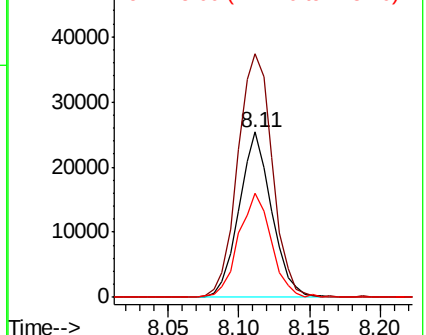


Abundance

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: 128.607 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

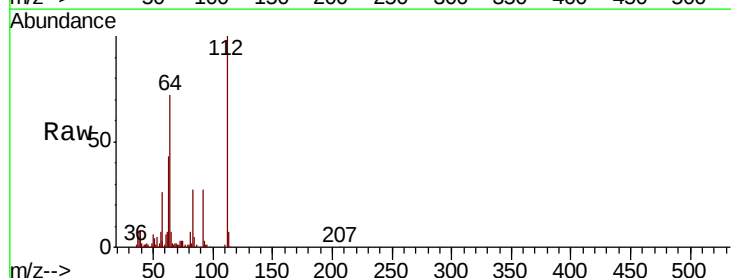
Tgt Ion:112 Resp: 290883

Ion Ratio Lower Upper

112 100

64 71.8 56.2 84.2

63 42.6 32.8 49.2

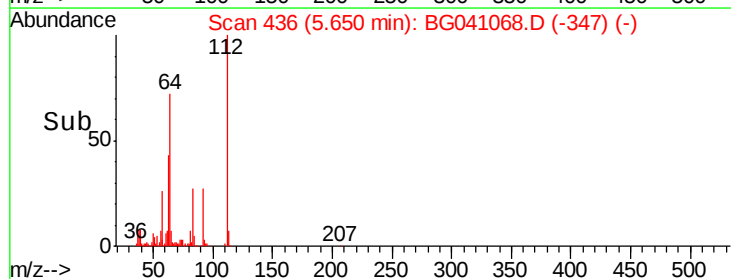
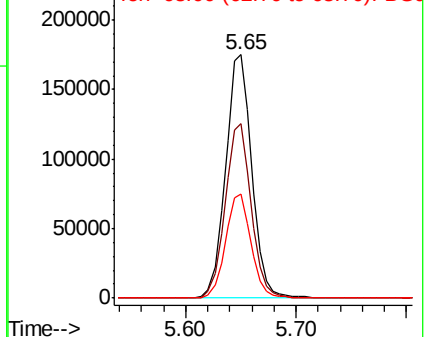


Abundance

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: 114.752 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

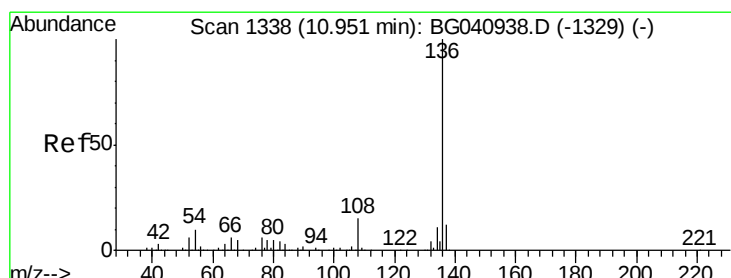
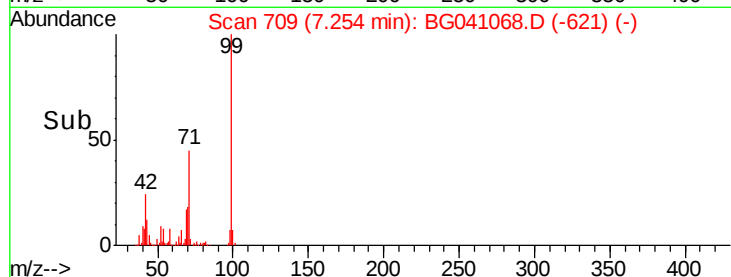
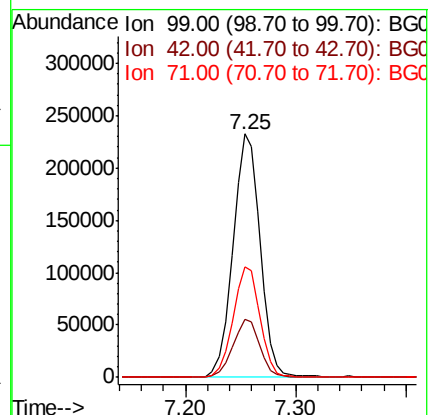
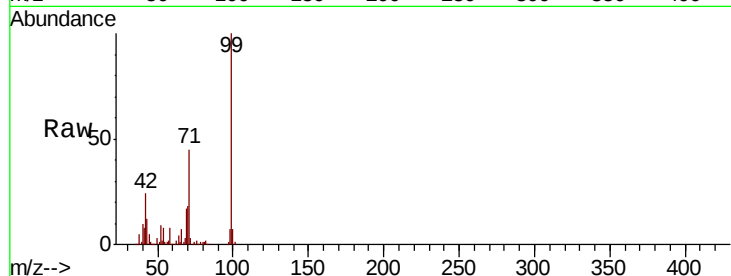
Tot Ion: 99 Resp: 400840

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

71 45.2 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Tgt Ion: 136 Resp: 149066

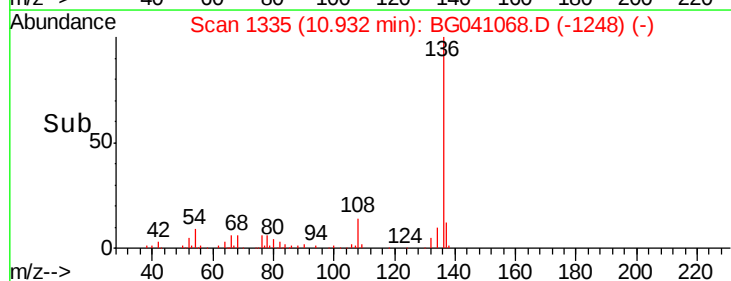
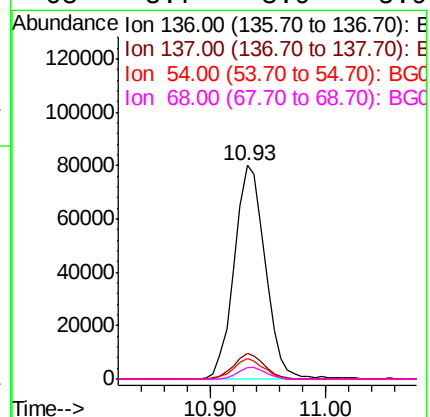
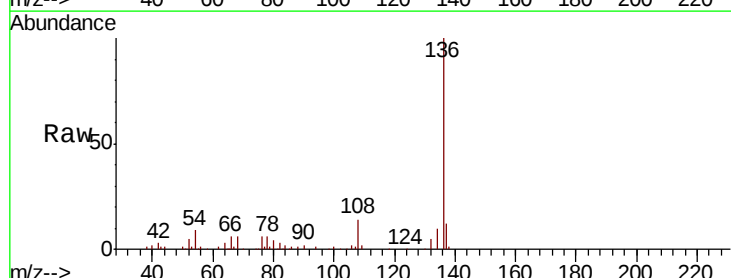
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 9.4 7.6 11.4

68 5.7 3.9 5.9

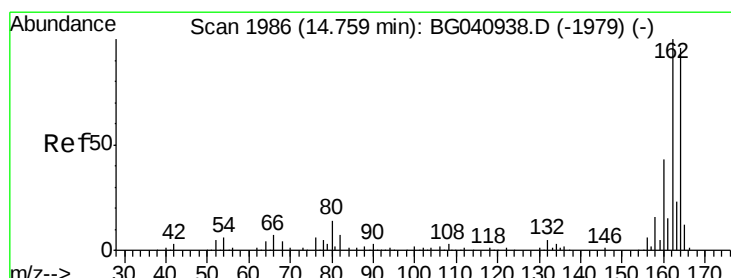
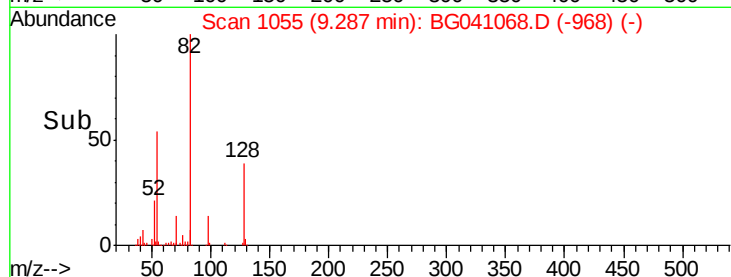
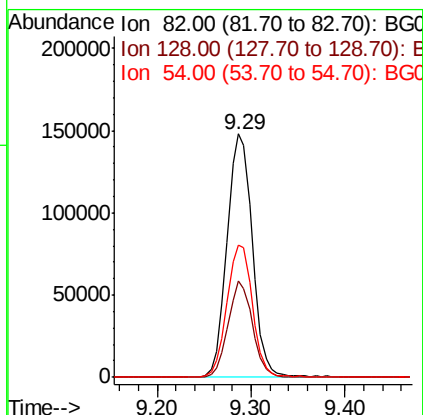
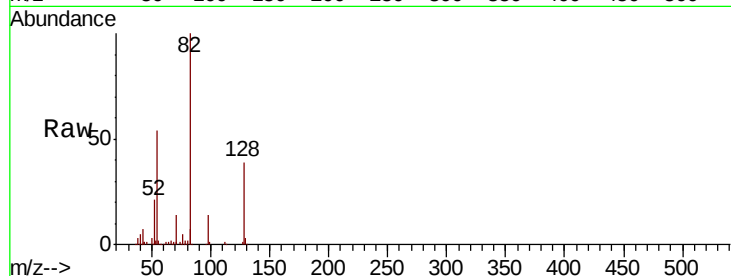




#23
Nitrobenzene-d5
Concen: 82.531 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

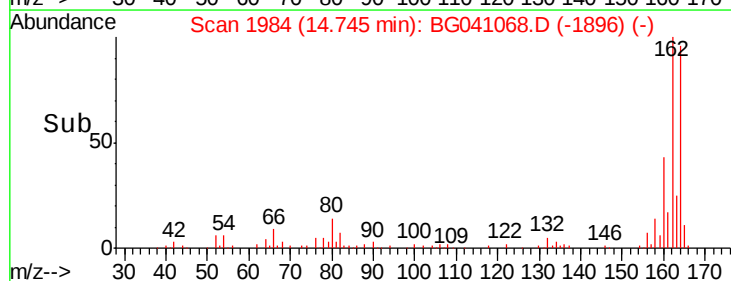
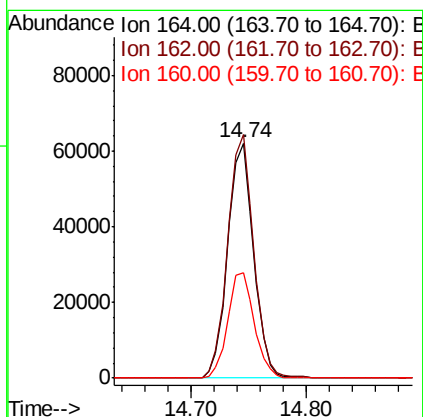
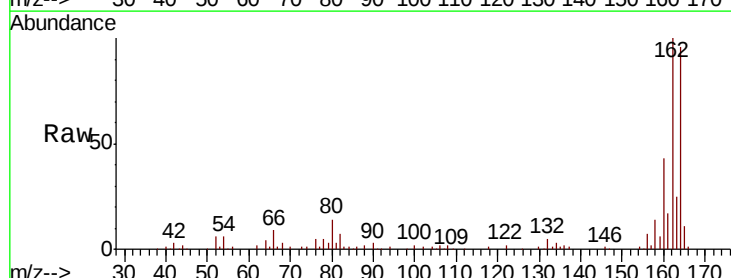
Instrument :
BNA_G
ClientSampleId :
PB120267BL

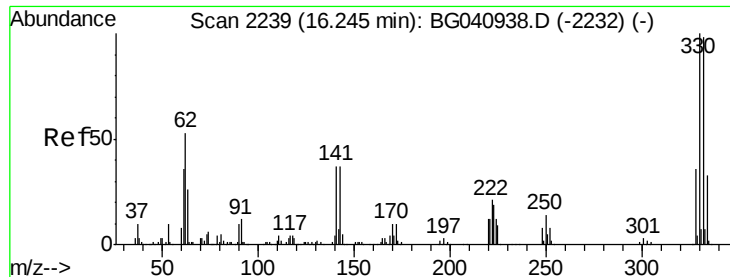
Tot Ion	82	Resp	277123
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.5	45.7
54	54.3	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Tgt Ion	164	Resp	96698
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.0	124.4
160	44.7	35.6	53.4

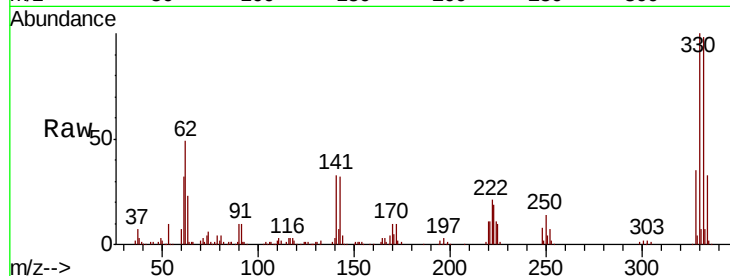




#42
 2,4,6-Tribromophenol
 Concen: 126.687 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG041068.D
 Acq: 5 Jun 2019 11:44

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.4	28.7	43.1

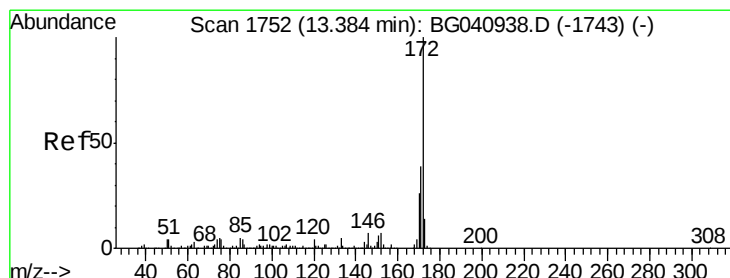
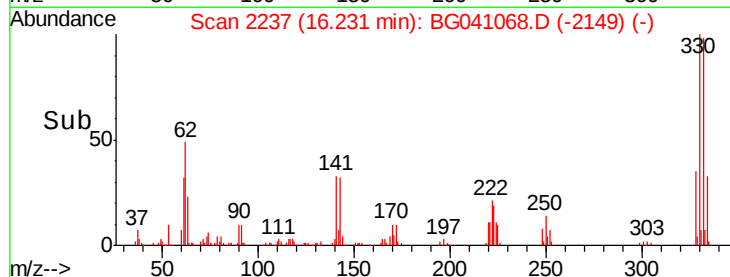
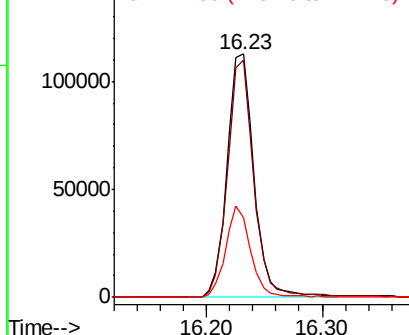


Abundance

Ion 329.80 (329.50 to 330.50): E

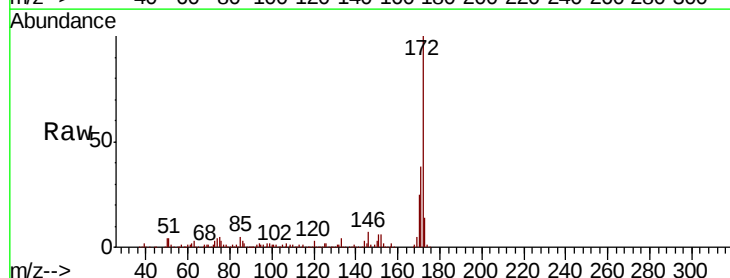
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.609 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041068.D
 Acq: 5 Jun 2019 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.8	20.5	30.7

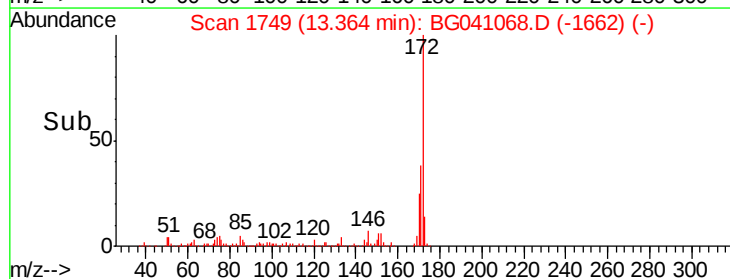
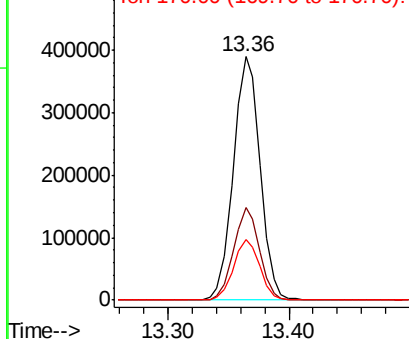


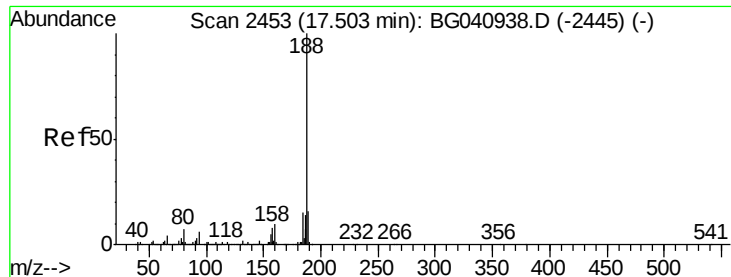
Abundance

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: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

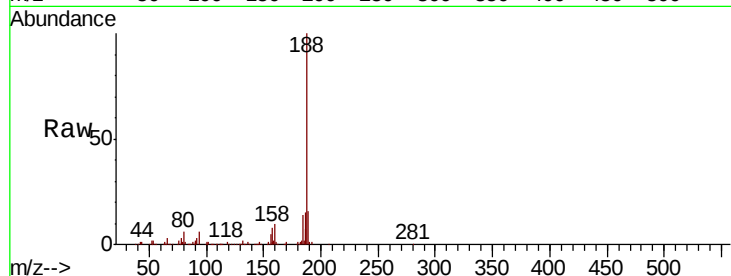
Tot Ion:188 Resp: 250607

Ion Ratio Lower Upper

188 100

94 5.8 4.7 7.1

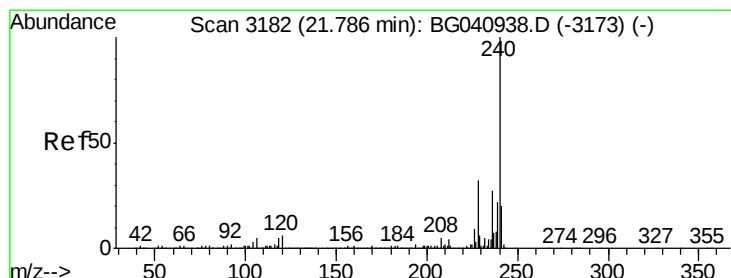
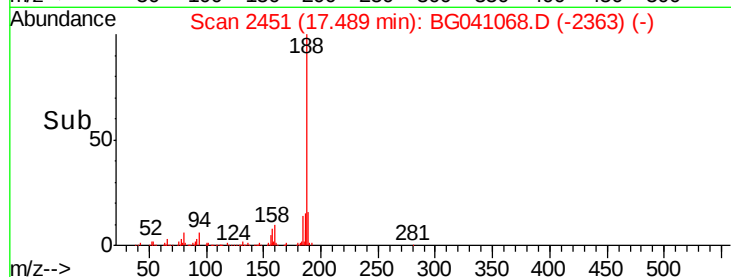
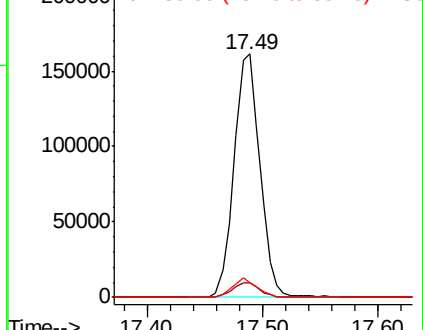
80 6.2 5.8 8.8



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: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

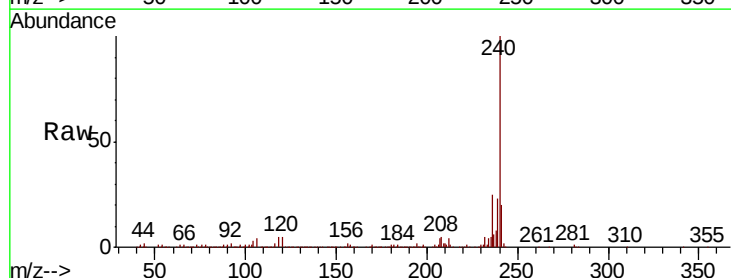
Tgt Ion:240 Resp: 285749

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

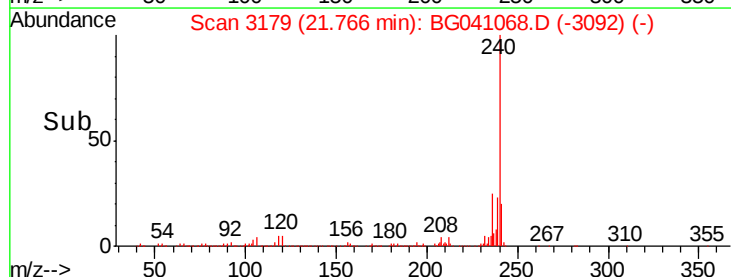
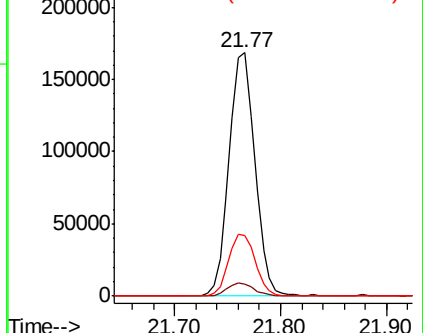
236 24.9 21.3 31.9

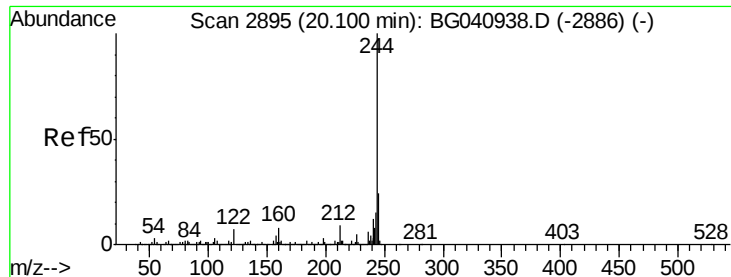


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.226 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

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PB120267BL

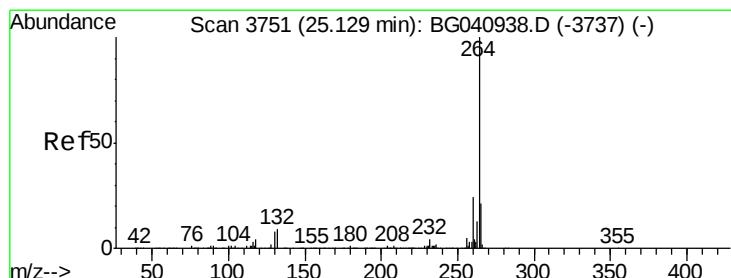
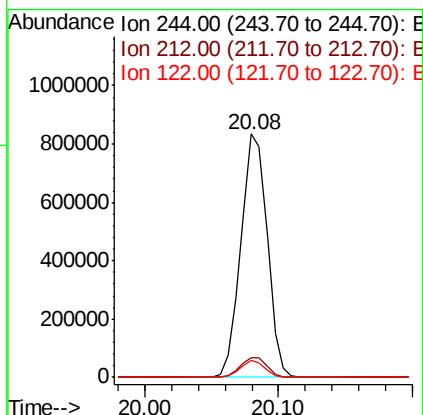
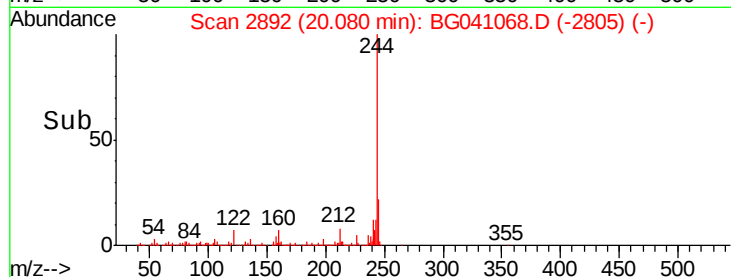
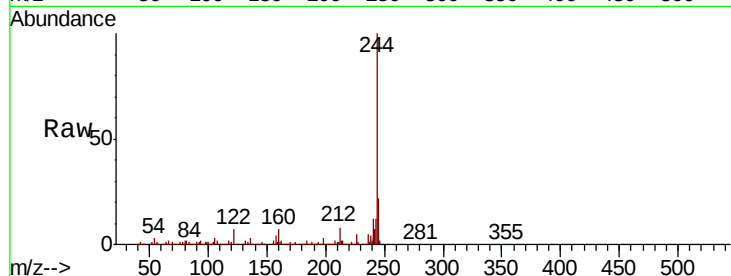
Tot Ion:244 Resp: 1134006

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

122 6.9 5.4 8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. -0.04 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Tgt Ion:264 Resp: 309320

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.7 17.0 25.4

