

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041882.D
 Acq On : 2 Aug 2019 10:49
 Operator : HP/JU
 Sample : PB121888BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121888BL

Quant Time: Aug 02 18:09:19 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	105997	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	412849	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	296989	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	692568	20.00	ng	0.00
76) Chrysene-d12	21.73	240	726010	20.00	ng	0.00
87) Perylene-d12	25.00	264	824528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	694136	127.41	ng	0.00
7) Phenol-d6	7.19	99	937167	127.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	567365	94.57	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	494003	146.44	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1540257	91.47	ng	0.00
79) Terphenyl-d14	20.07	244	2510596	79.13	ng	0.00

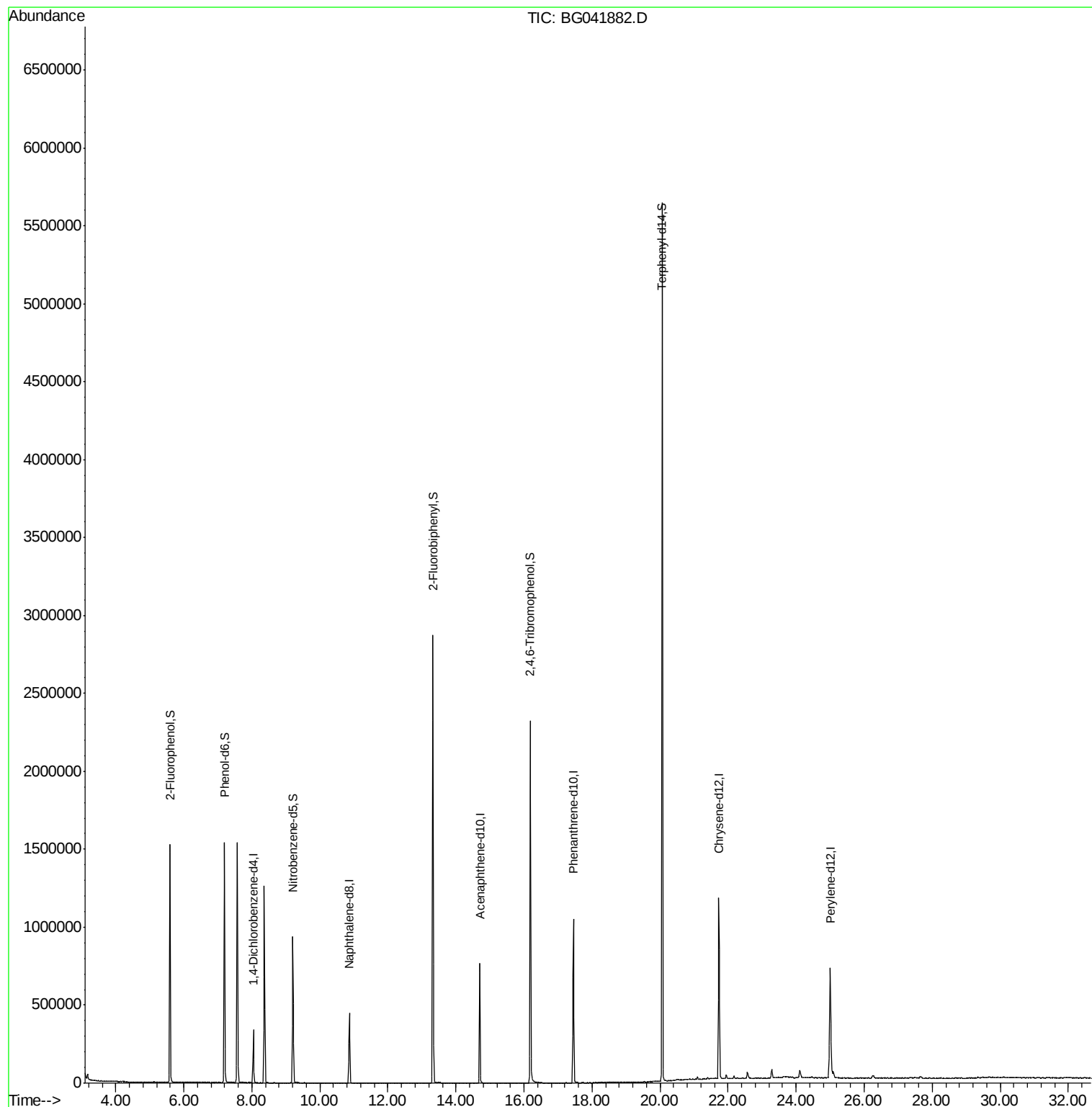
Target Compounds Qvalue

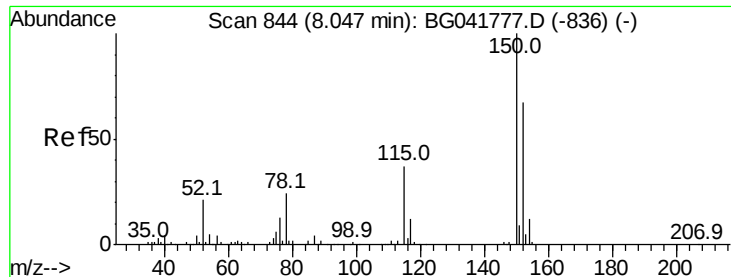
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121888BL

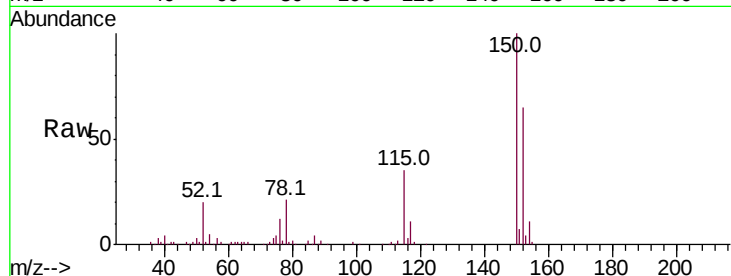
Tot Ion:152 Resp: 105997

Ion Ratio Lower Upper

152 100

150 155.0 126.9 190.3

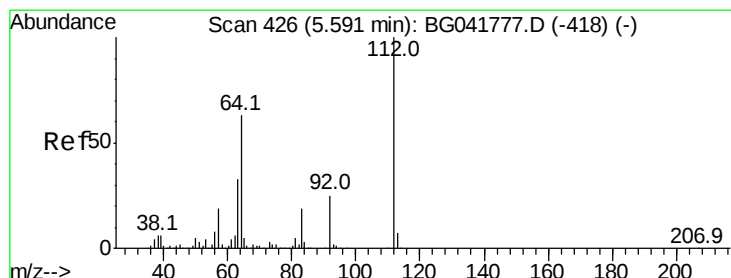
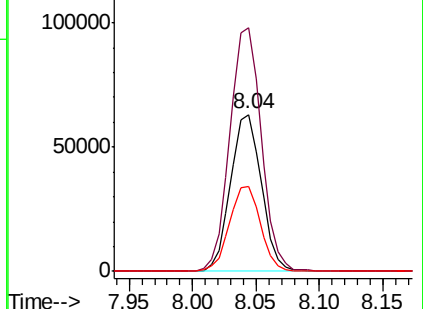
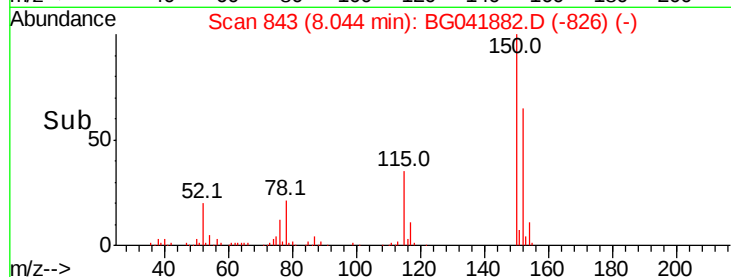
115 54.4 45.0 67.6



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: 127.412 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

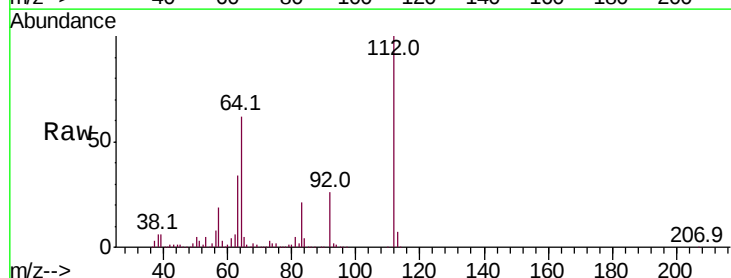
Tgt Ion:112 Resp: 694136

Ion Ratio Lower Upper

112 100

64 62.5 55.4 83.2

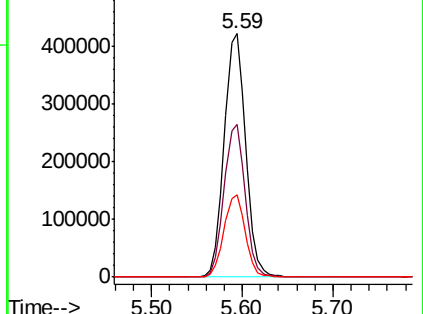
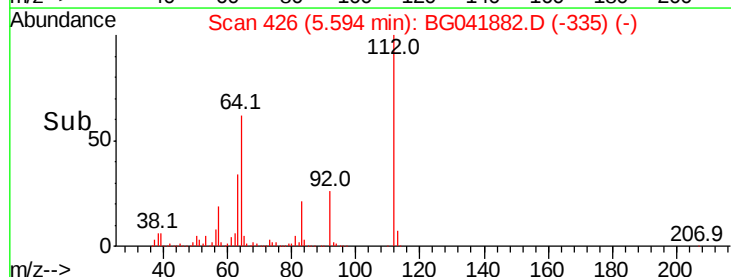
63 33.7 29.1 43.7

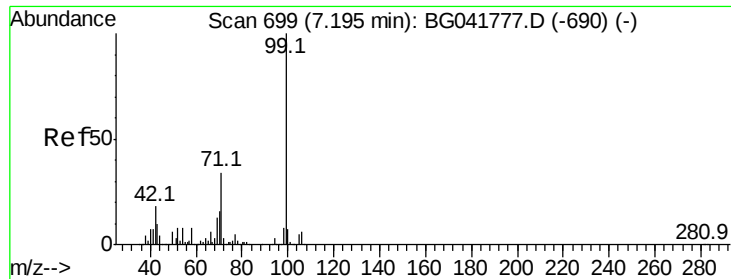


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.597 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121888BL

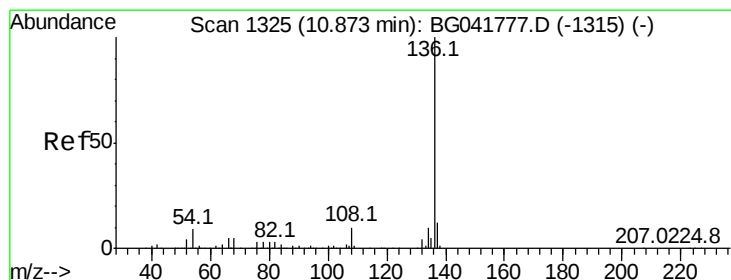
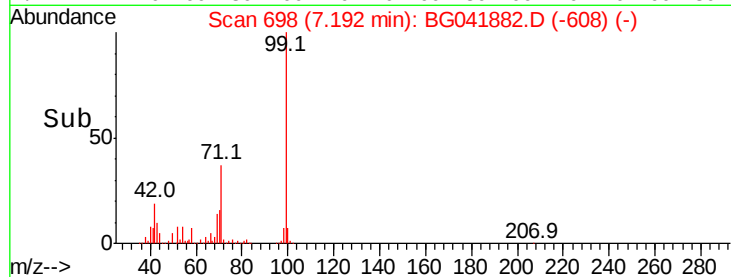
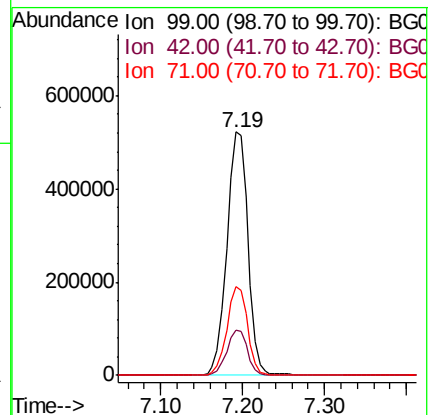
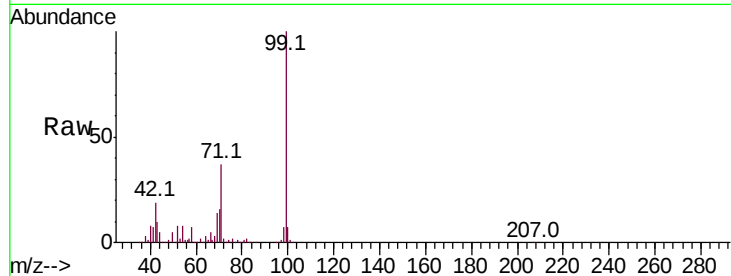
Tot Ion: 99 Resp: 937167

Ion Ratio Lower Upper

99 100

42 18.5 17.6 26.4

71 36.7 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Tgt Ion: 136 Resp: 412849

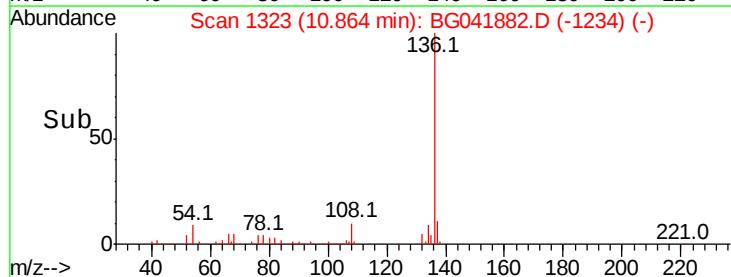
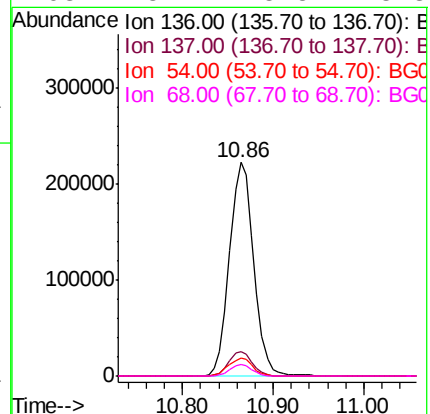
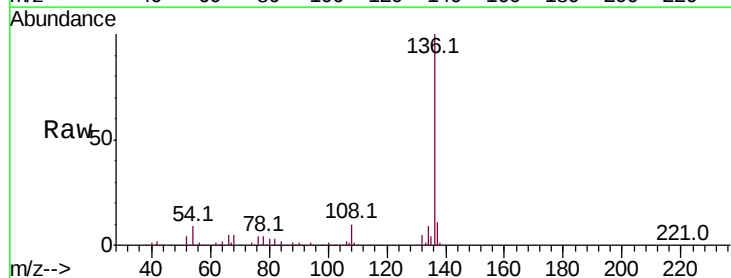
Ion Ratio Lower Upper

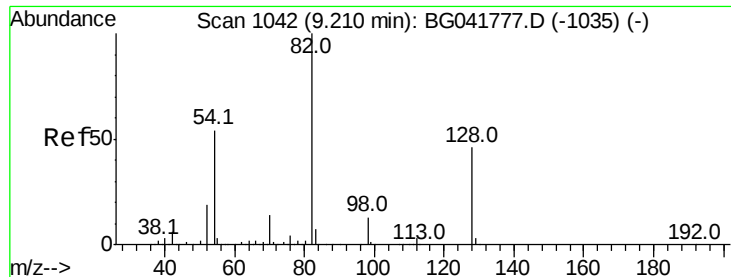
136 100

137 11.3 9.2 13.8

54 8.6 8.7 13.1#

68 5.2 5.5 8.3#

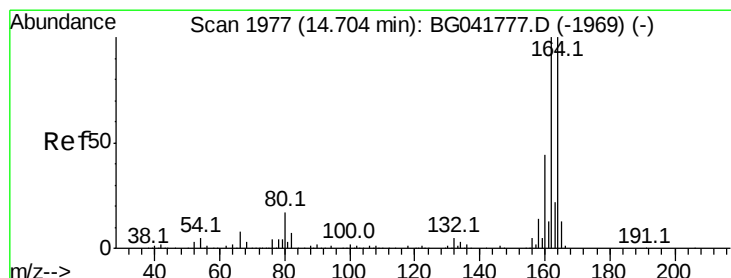
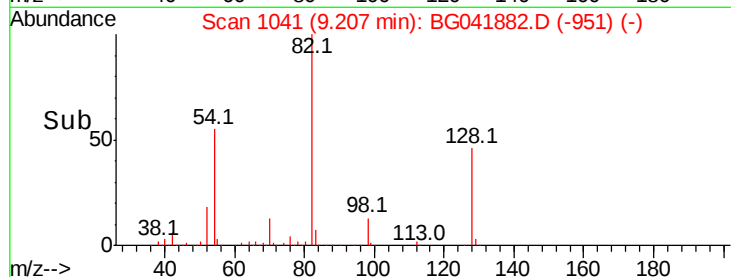
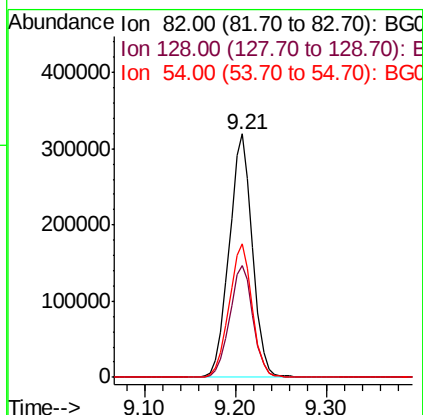
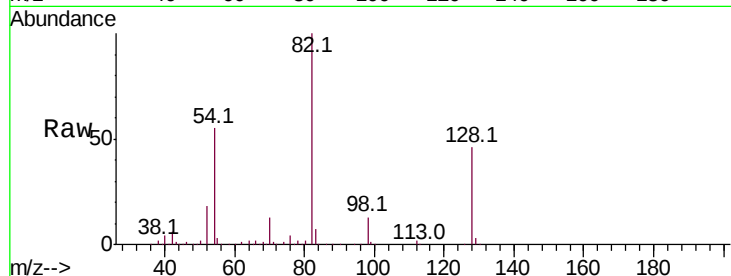




#23
Nitrobenzene-d5
Concen: 94.572 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

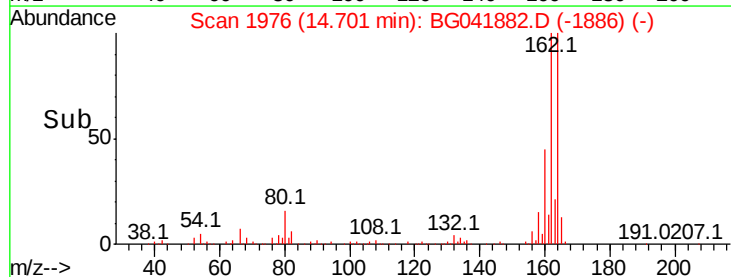
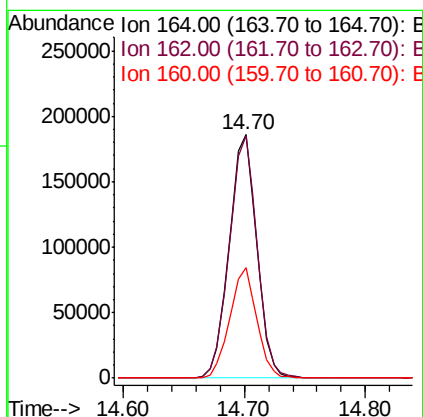
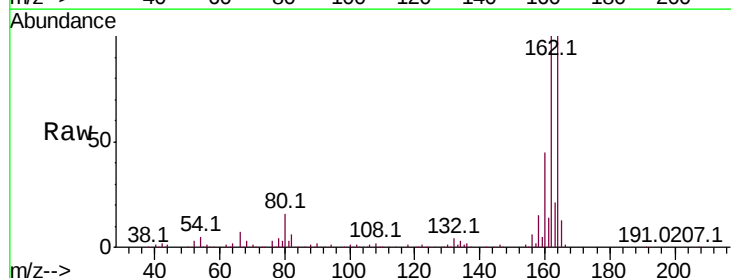
Instrument :
BNA_G
ClientSampleId :
PB121888BL

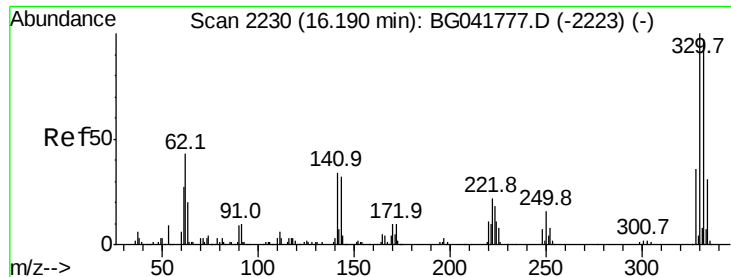
Tot Ion	82	Resp	567365
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	54.6	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041882.D
Acq: 2 Aug 2019 10:49

Tgt Ion	164	Resp	296989
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.6	119.4
160	45.2	35.4	53.0

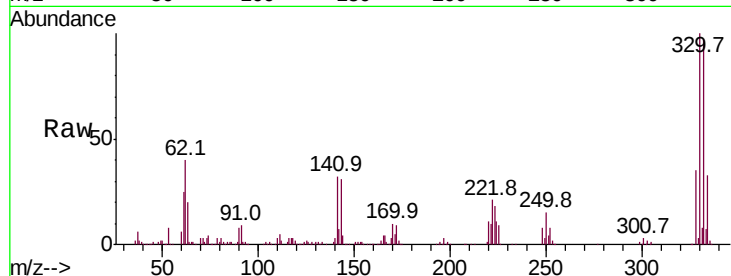




#42
 2,4,6-Tribromophenol
 Concen: 146.441 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041882.D
 Acq: 2 Aug 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121888BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	32.0	31.9	47.9

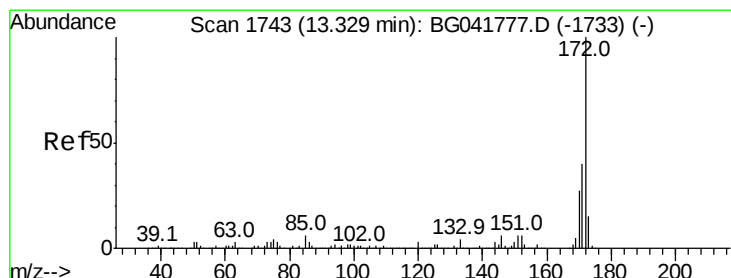
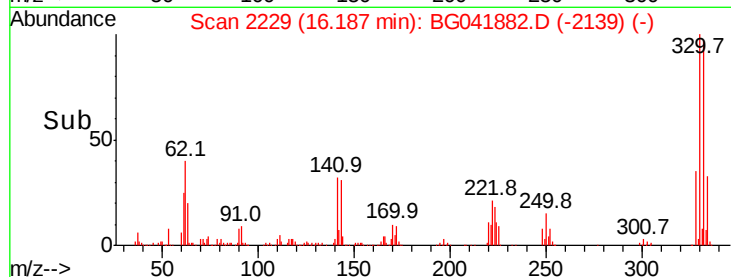
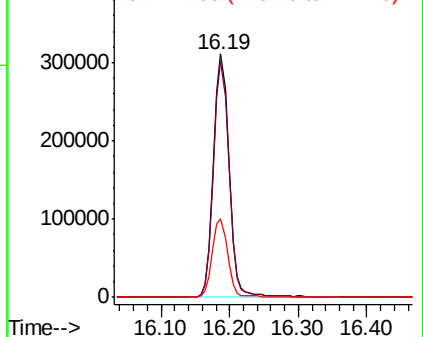


Abundance

Ion 329.80 (329.50 to 330.50): E

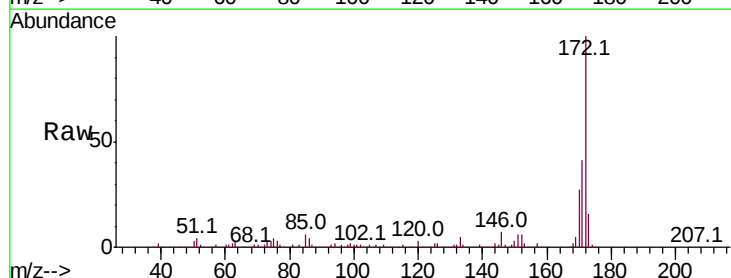
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.471 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041882.D
 Acq: 2 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	26.6	23.5	35.3

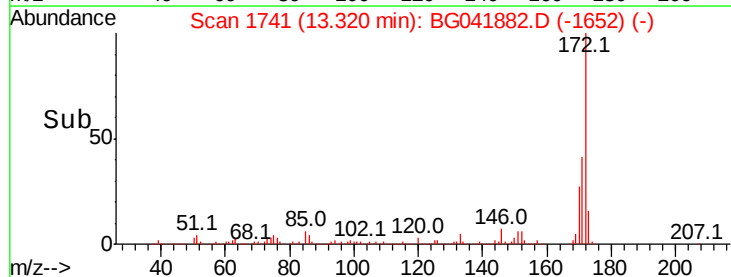
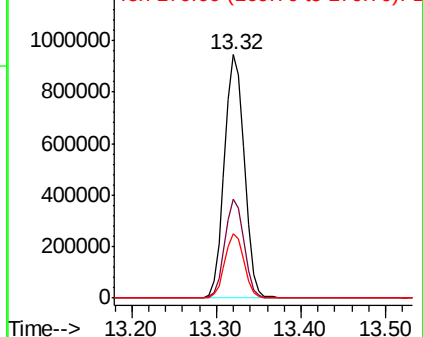


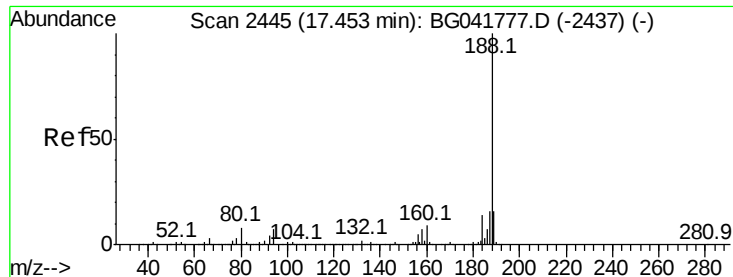
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121888BL

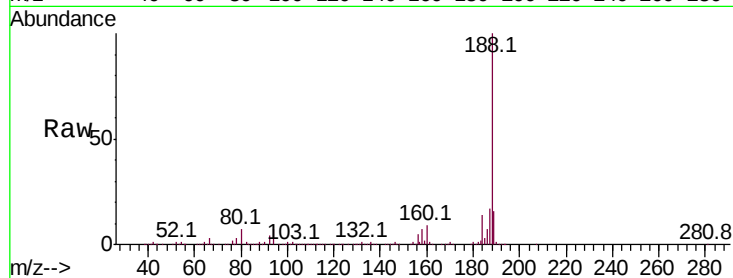
Tot Ion:188 Resp: 692568

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

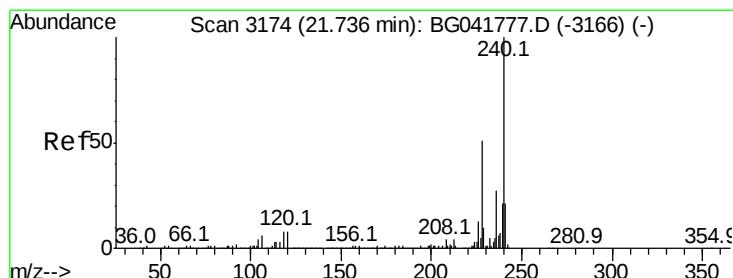
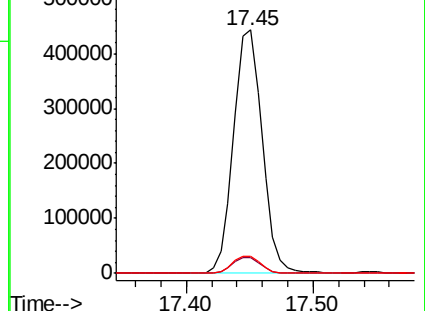
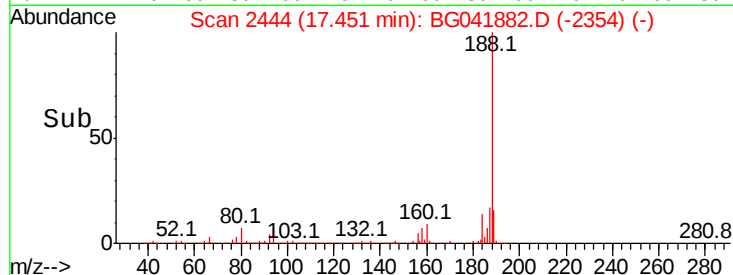
80 7.3 8.0 12.0#



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# 3172

Delta R.T. -0.01 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

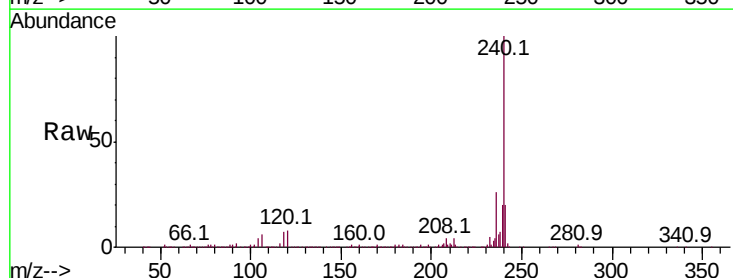
Tgt Ion:240 Resp: 726010

Ion Ratio Lower Upper

240 100

120 7.5 8.0 12.0#

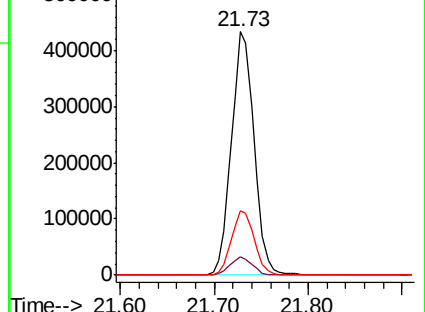
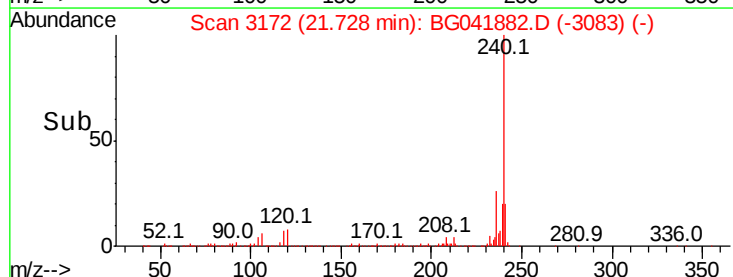
236 26.2 22.6 33.8

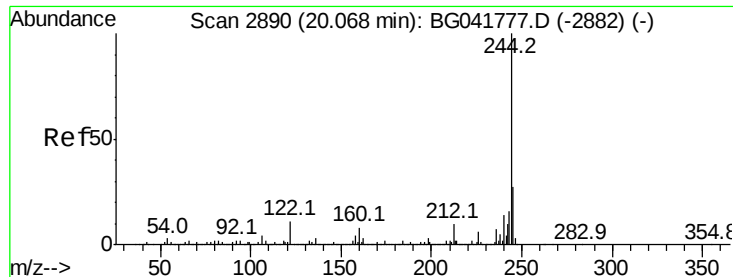


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.130 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121888BL

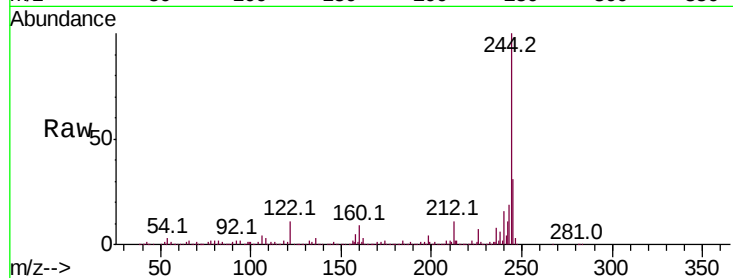
Tot Ion:244 Resp: 2510596

Ion Ratio Lower Upper

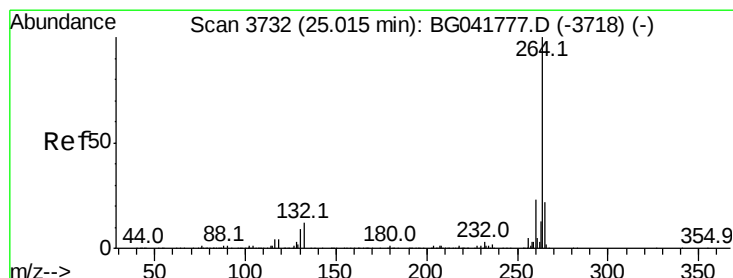
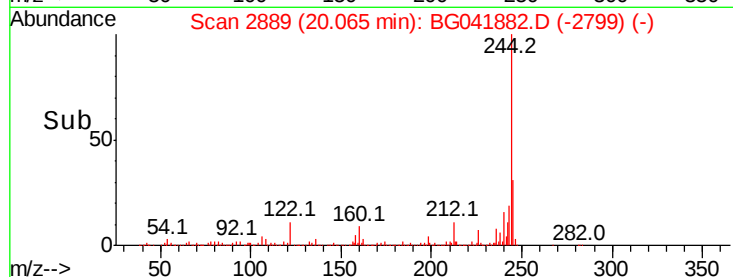
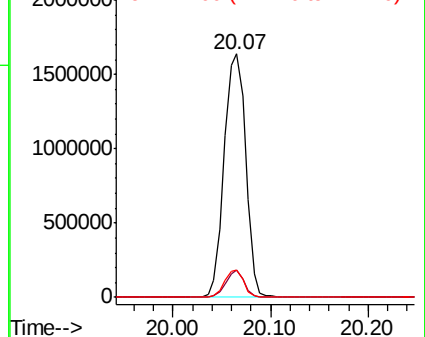
244 100

212 11.1 9.7 14.5

122 11.4 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: 25.00 min Scan# 3729

Delta R.T. -0.01 min

Lab File: BG041882.D

Acq: 2 Aug 2019 10:49

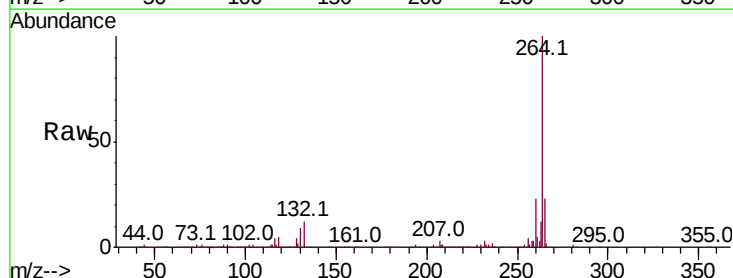
Tgt Ion:264 Resp: 824528

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.8 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

