

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041828.D
 Acq On : 31 Jul 2019 10:15
 Operator : HP/JU
 Sample : PB121772BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BL

Quant Time: Jul 31 12:44:21 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	8.05	152	92303	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	371371	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	262451	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	611118	20.00	ng	0.00
76) Chrysene-d12	21.73	240	642861	20.00	ng	0.00
87) Perylene-d12	25.01	264	720851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	663929	139.95	ng	0.00
7) Phenol-d6	7.20	99	900521	140.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	538430	99.77	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	447000	149.95	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1465125	98.46	ng	0.00
79) Terphenyl-d14	20.06	244	2393590	85.20	ng	0.00

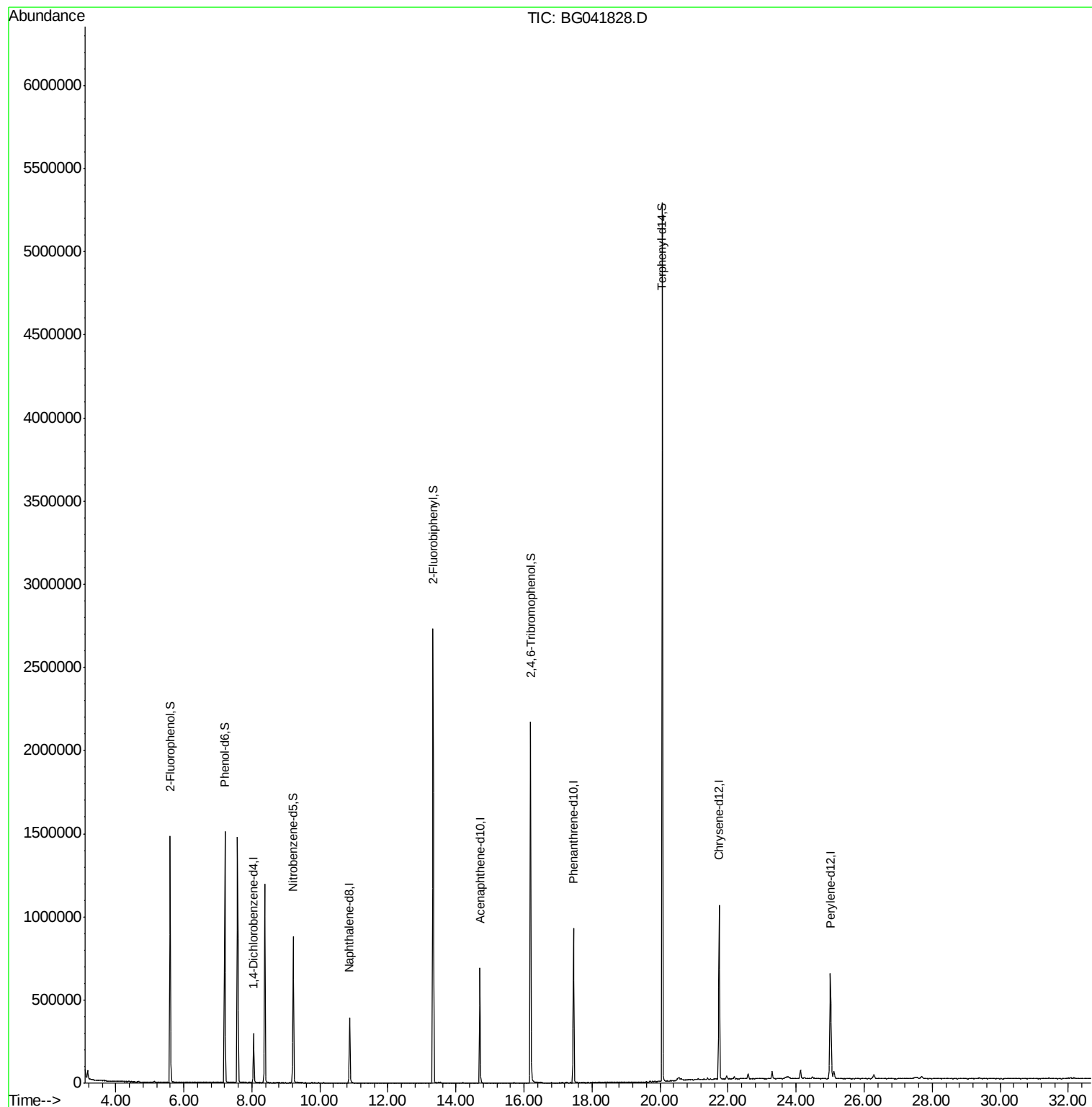
Target Compounds Qvalue

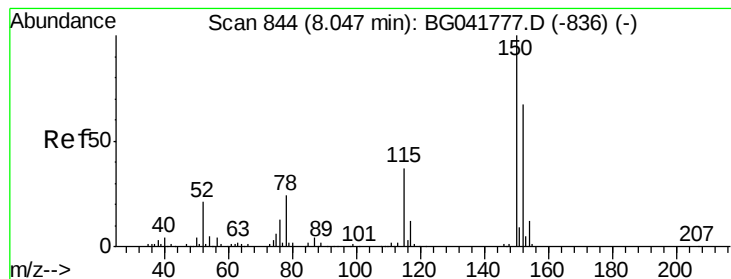
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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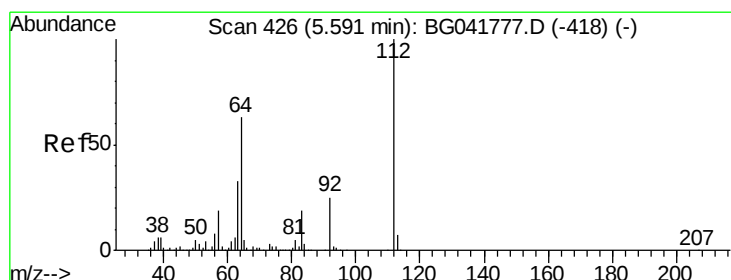
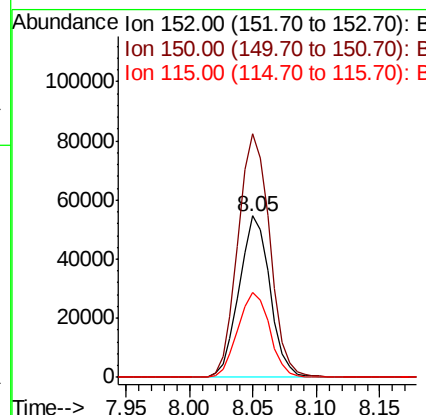
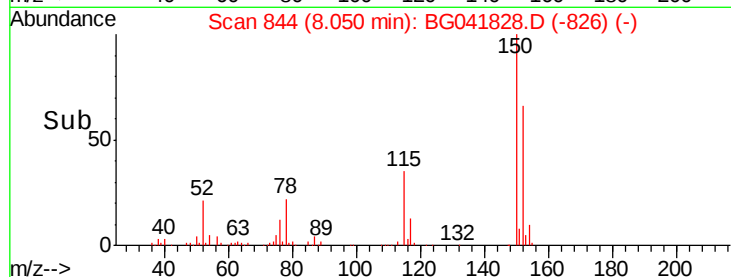
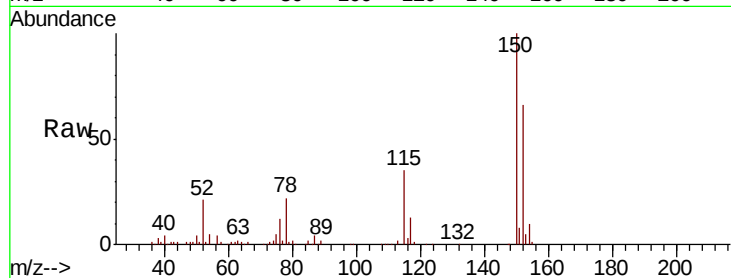


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041828.D
Acq: 31 Jul 2019 10:15

Instrument :
BNA_G
ClientSampleId :
PB121772BL

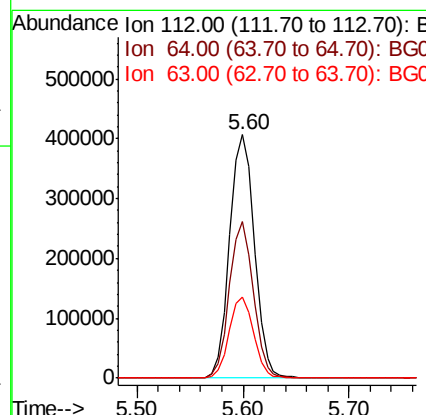
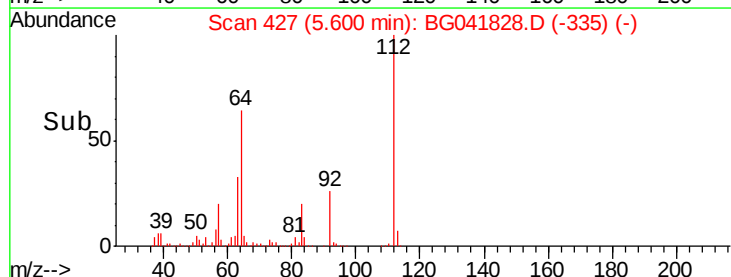
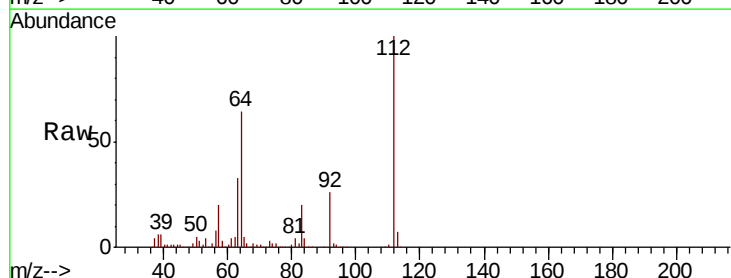
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.9	190.3
115	53.0	45.0	67.6

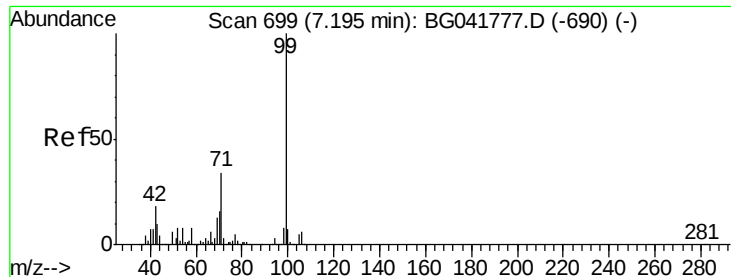


#5

2-Fluorophenol
Concen: 139.947 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041828.D
Acq: 31 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	55.4	83.2
63	33.4	29.1	43.7





#7

Phenol-d6

Concen: 140.797 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_G

ClientSampleId :

PB121772BL

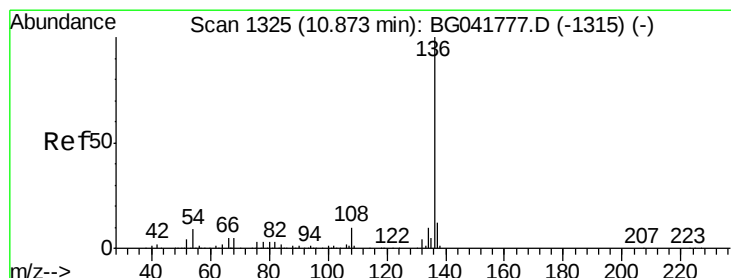
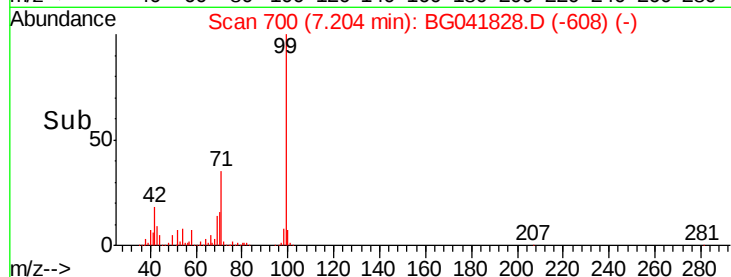
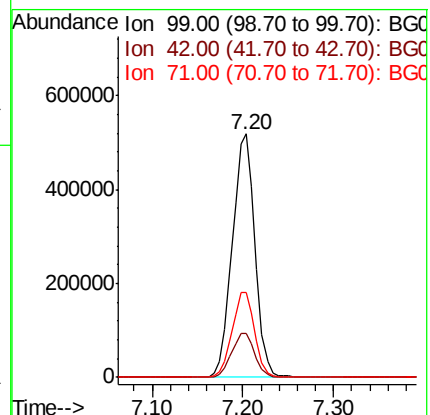
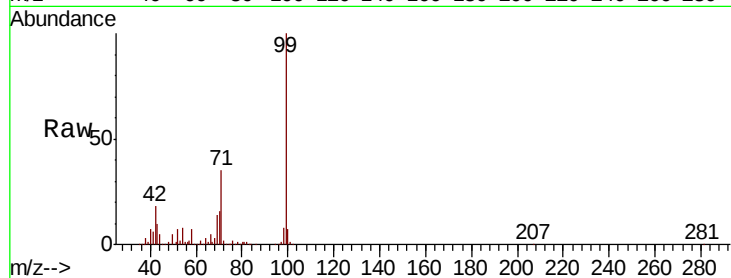
Tot Ion: 99 Resp: 900521

Ion Ratio Lower Upper

99 100

42 18.2 17.6 26.4

71 34.8 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

Tgt Ion: 136 Resp: 371371

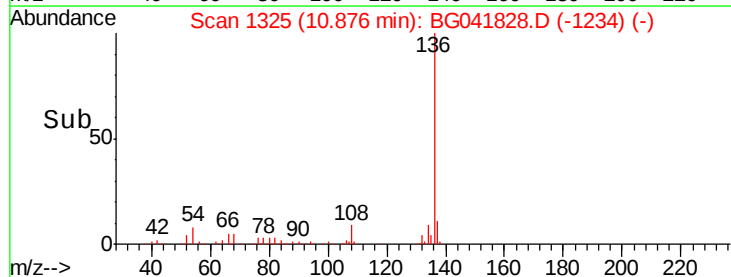
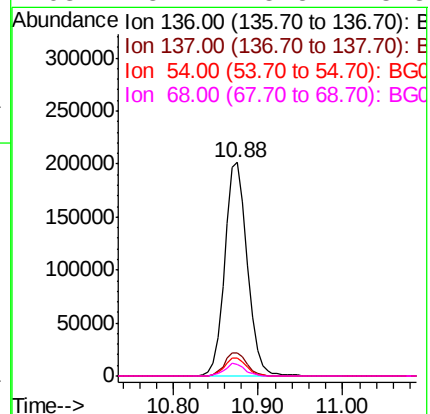
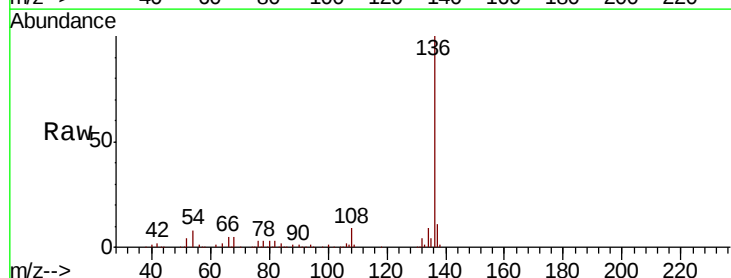
Ion Ratio Lower Upper

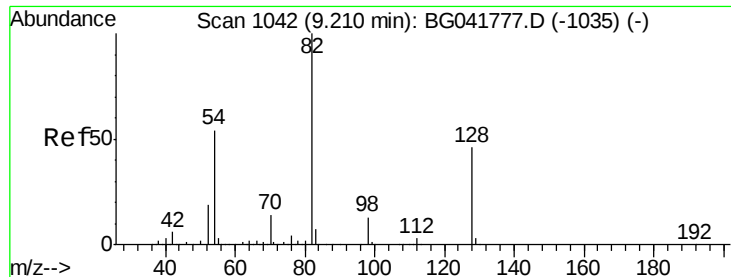
136 100

137 11.1 9.2 13.8

54 8.3 8.7 13.1#

68 5.2 5.5 8.3#

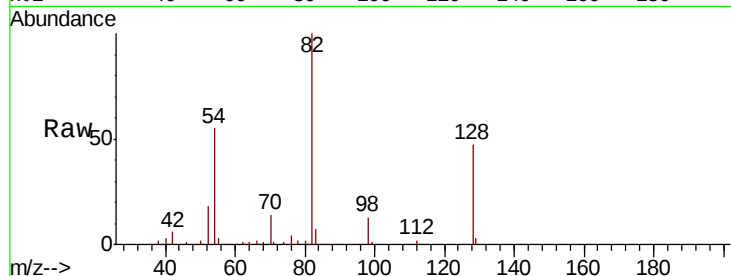




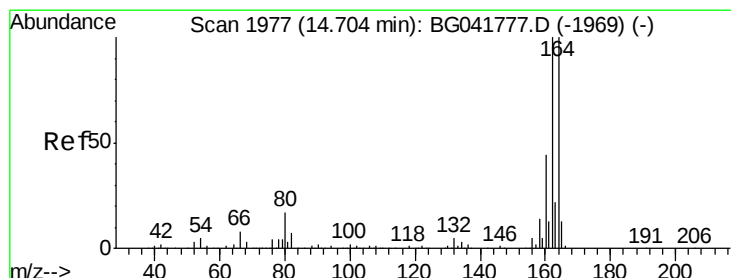
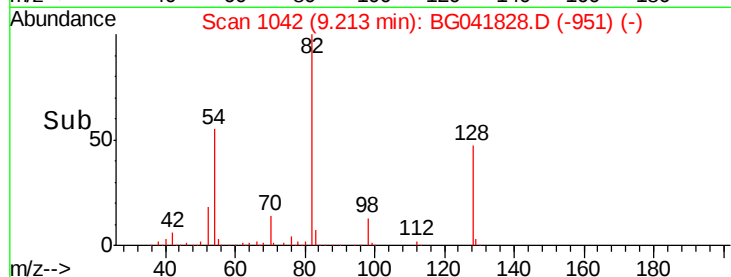
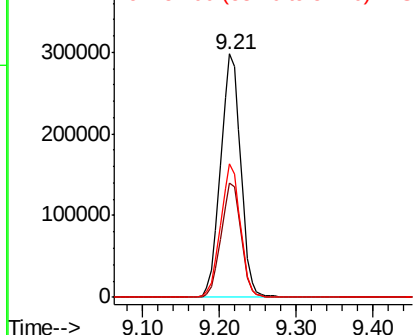
#23
Nitrobenzene-d5
Concen: 99.773 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041828.D
Acq: 31 Jul 2019 10:15

Instrument :
BNA_G
ClientSampleId :
PB121772BL

Tot Ion	82	Resp	538430
Ion Ratio	Lower	Upper	
82	100		
128	46.8	35.1	52.7
54	54.9	48.7	73.1

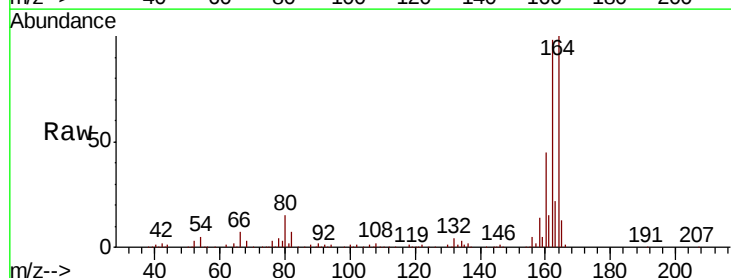


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

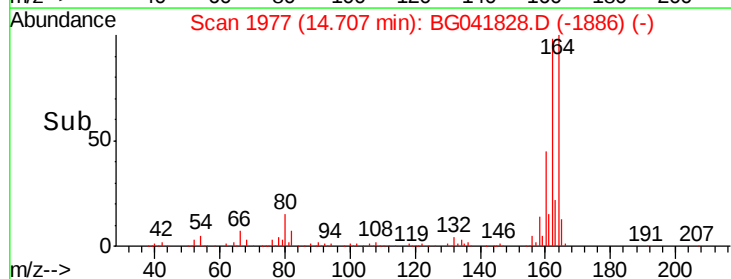
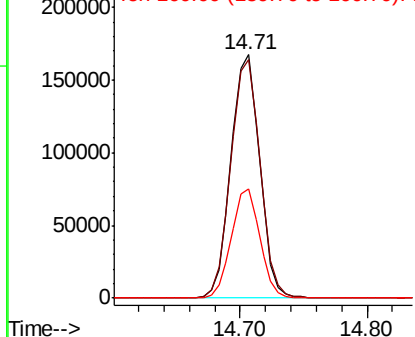


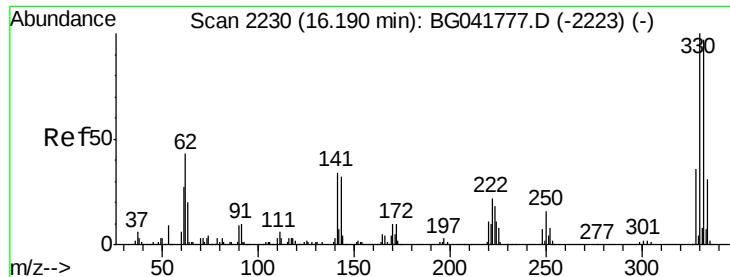
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041828.D
Acq: 31 Jul 2019 10:15

Tgt Ion	164	Resp	262451
Ion Ratio	Lower	Upper	
164	100		
162	98.0	79.6	119.4
160	44.8	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: 149.945 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_G

ClientSampleId :

PB121772BL

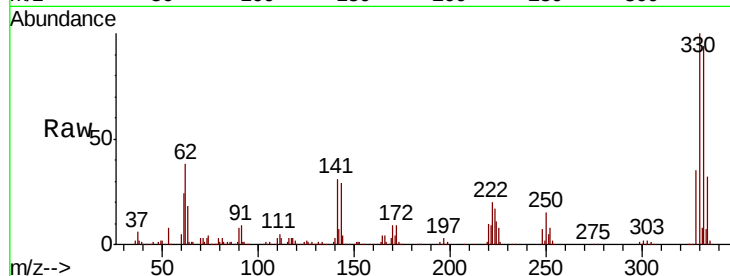
Tot Ion:330 Resp: 447000

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 32.6 31.9 47.9

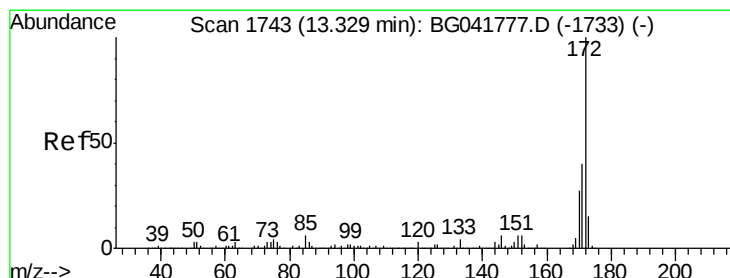
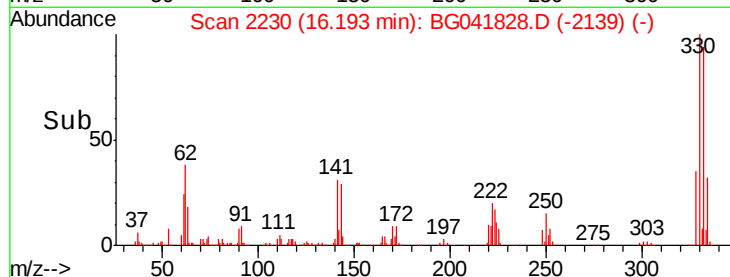
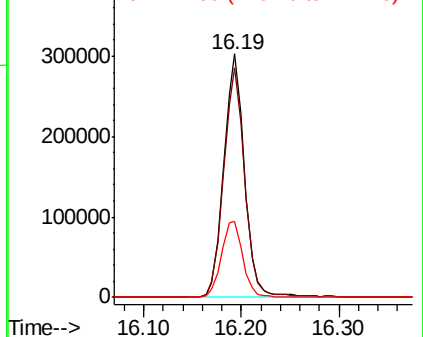


Abundance

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: 98.459 ng

RT: 13.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

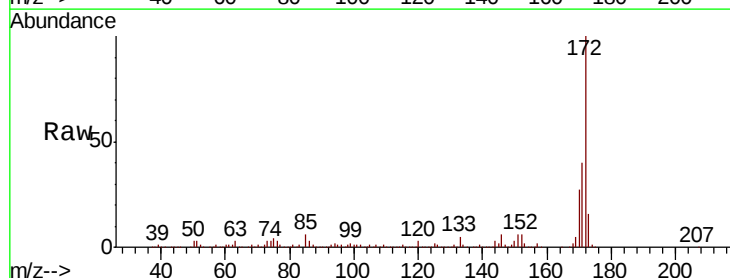
Tgt Ion:172 Resp: 1465125

Ion Ratio Lower Upper

172 100

171 39.8 35.0 52.4

170 26.6 23.5 35.3

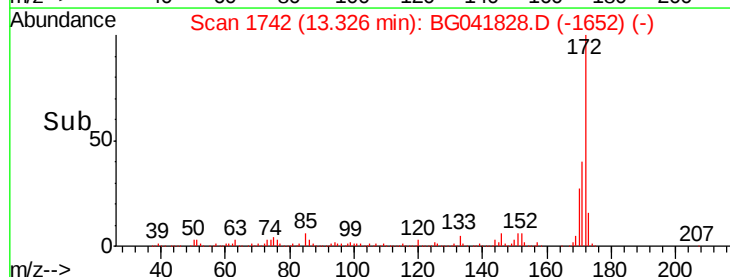
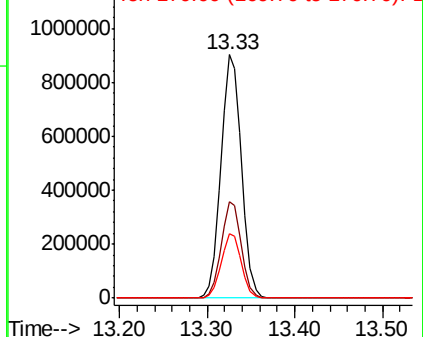


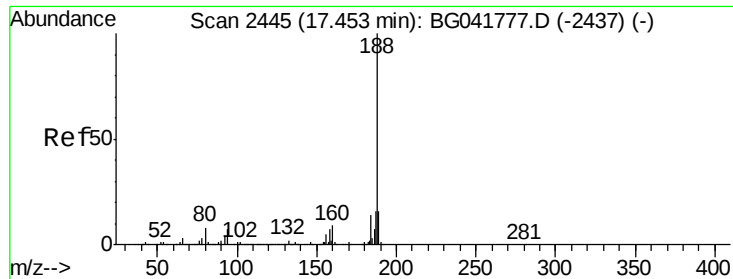
Abundance

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: BG041828.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_G

ClientSampleId :

PB121772BL

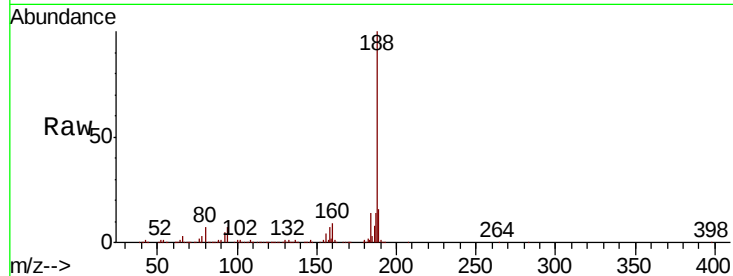
Tot Ion:188 Resp: 611118

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

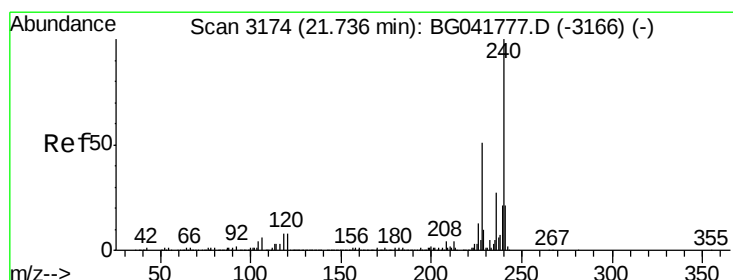
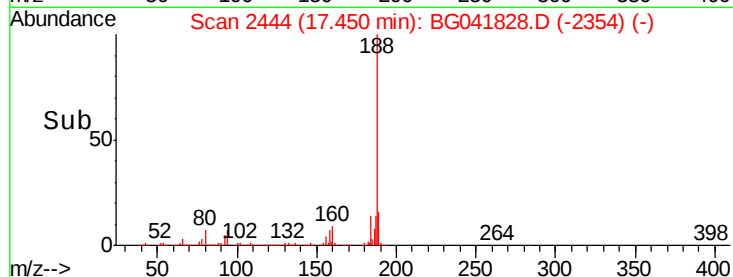
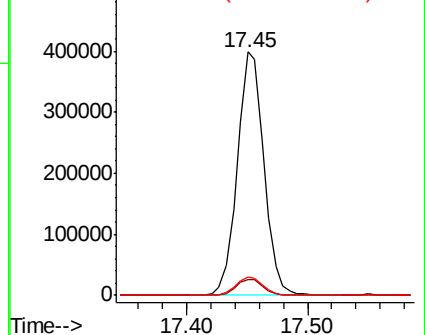
80 7.4 8.0 12.0#



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. -0.00 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

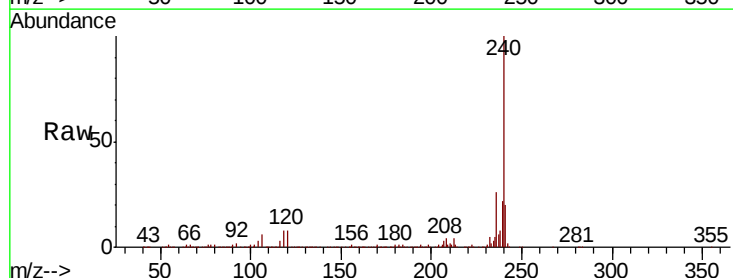
Tgt Ion:240 Resp: 642861

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

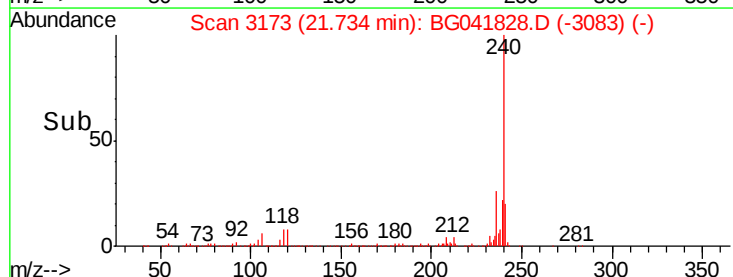
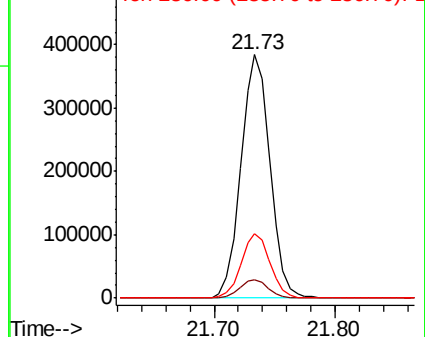
236 26.4 22.6 33.8

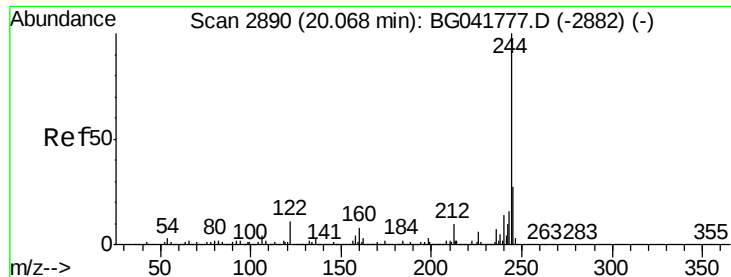


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.200 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

Instrument :

BNA_G

ClientSampleId :

PB121772BL

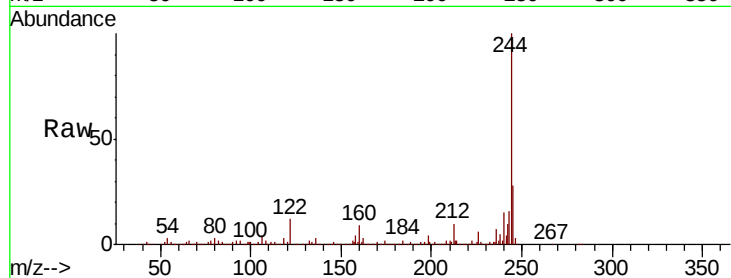
Tot Ion:244 Resp: 2393590

Ion Ratio Lower Upper

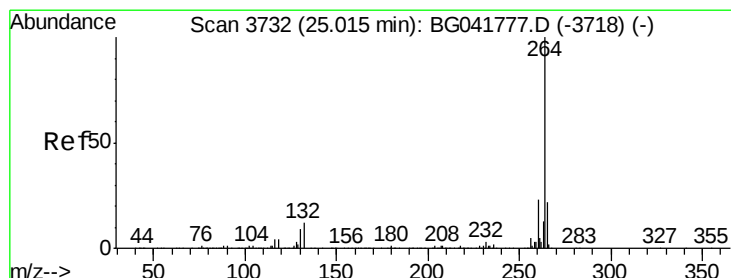
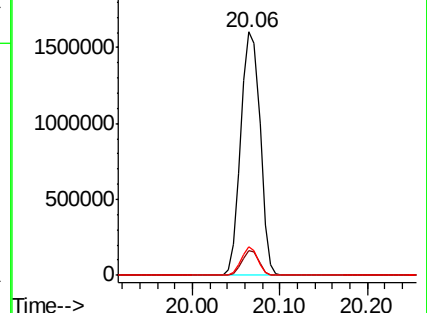
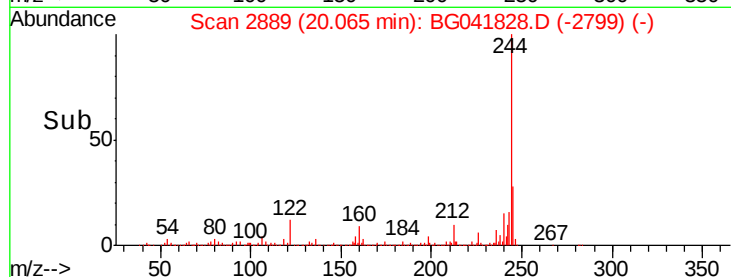
244 100

212 9.9 9.7 14.5

122 11.7 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: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041828.D

Acq: 31 Jul 2019 10:15

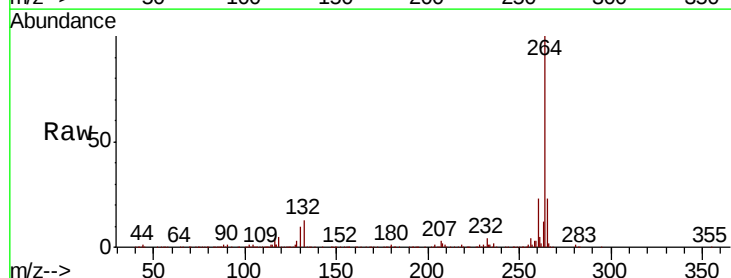
Tgt Ion:264 Resp: 720851

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.7 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

