

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041811.D
 Acq On : 30 Jul 2019 21:15
 Operator : HP/JU
 Sample : PB121837TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121837TB

Quant Time: Jul 31 03:12:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84447	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	332323	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	248326	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	662210	20.00	ng	0.00
76) Chrysene-d12	21.73	240	736040	20.00	ng	0.00
87) Perylene-d12	25.01	264	832924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	615722	141.86	ng	0.00
7) Phenol-d6	7.20	99	828473	141.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	477631	98.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	378309	134.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1325905	94.17	ng	0.00
79) Terphenyl-d14	20.06	244	2561509	79.63	ng	0.00

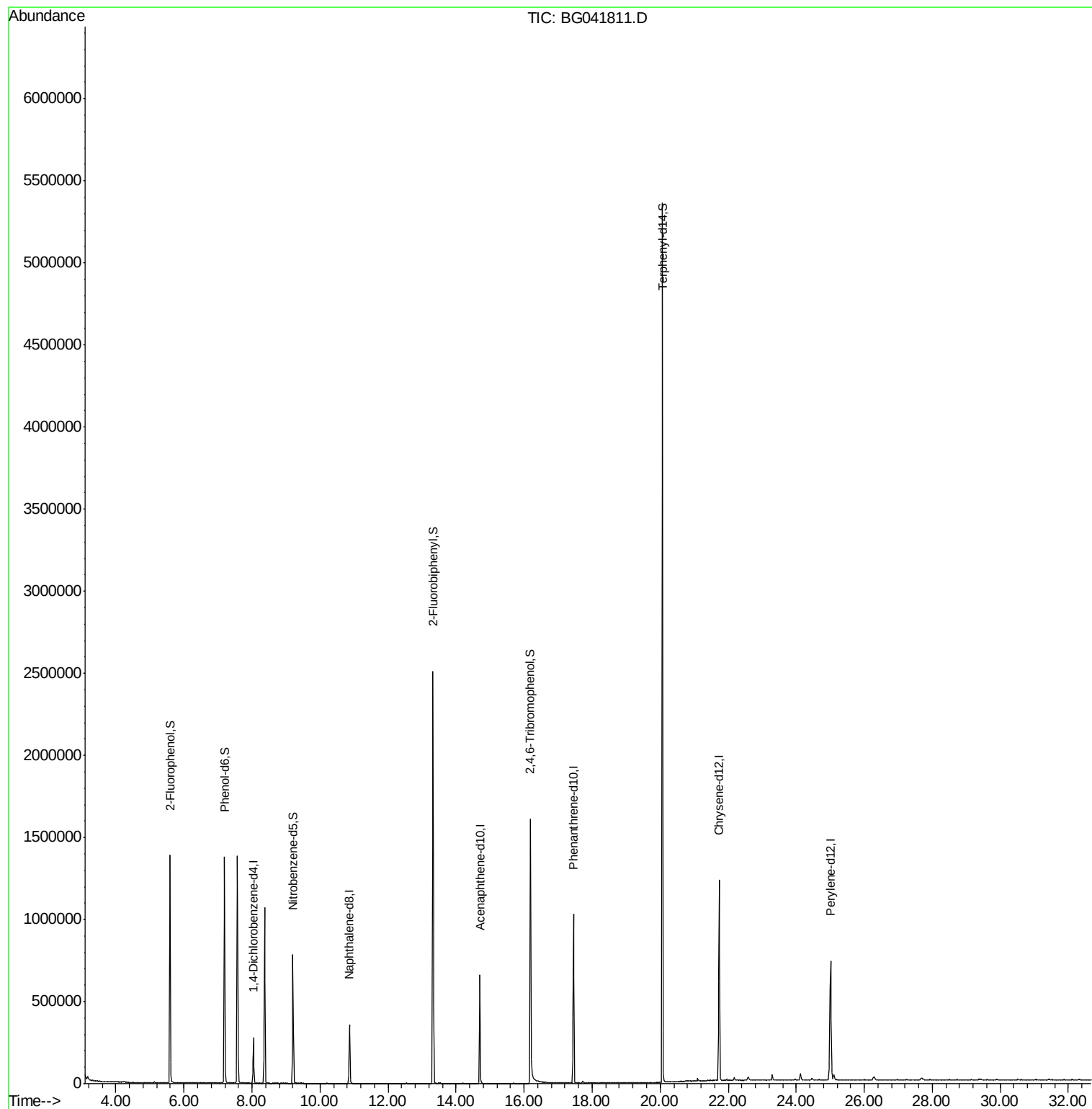
Target Compounds Qvalue

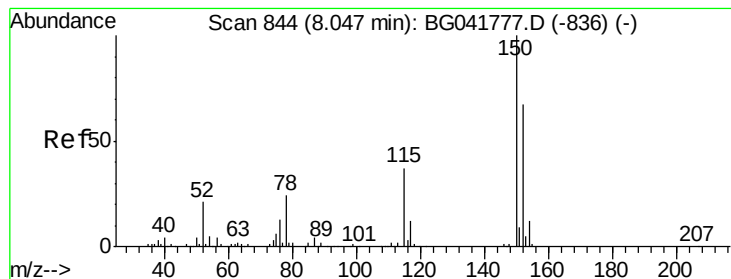
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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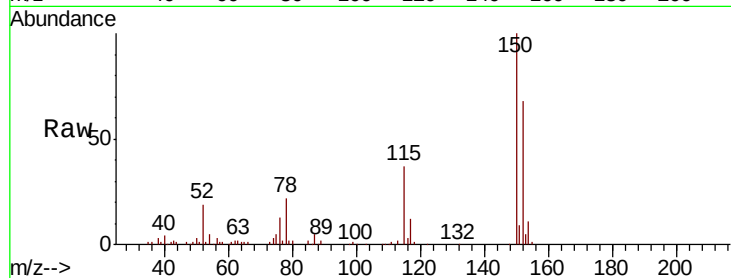


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Instrument :
BNA_G
ClientSampleId :
PB121837TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	126.9	190.3
115	54.5	45.0	67.6

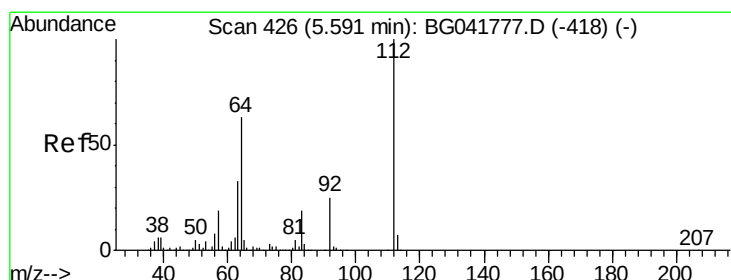
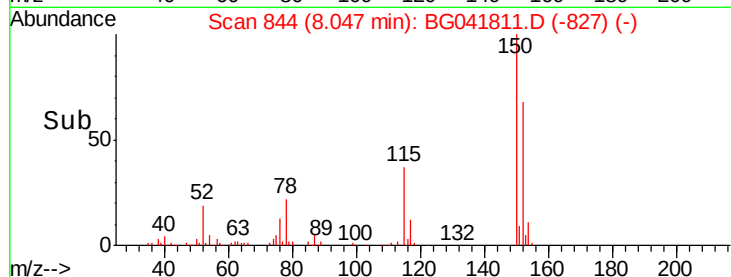
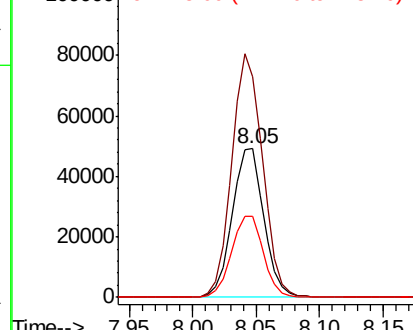


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

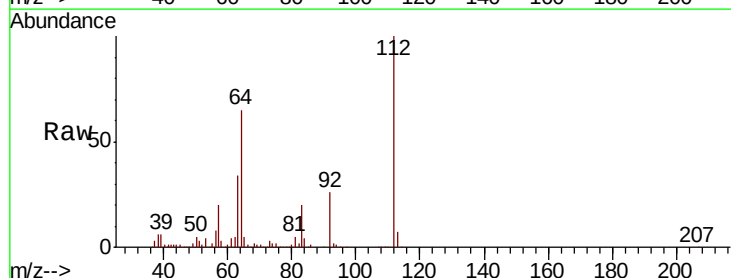
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.860 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041811.D
Acq: 30 Jul 2019 21:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	55.4	83.2
63	33.8	29.1	43.7

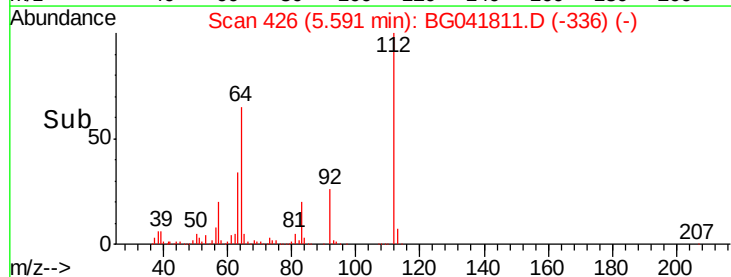
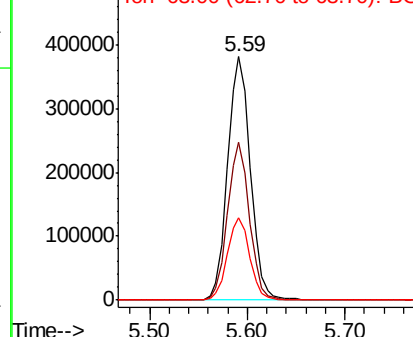


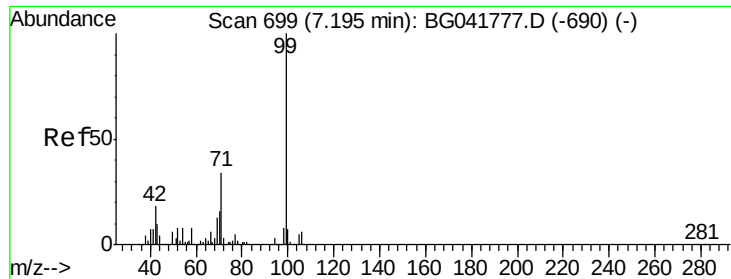
Abundance

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: 141.583 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

Instrument :

BNA_G

ClientSampleId :

PB121837TB

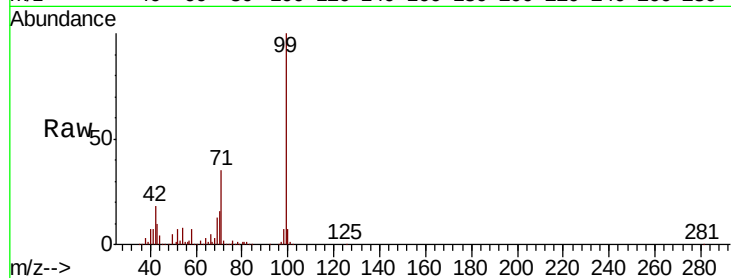
Tot Ion: 99 Resp: 828473

Ion Ratio Lower Upper

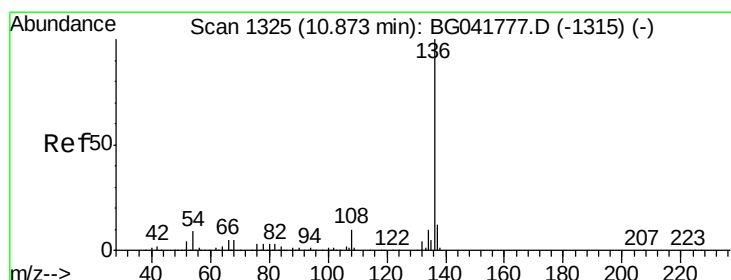
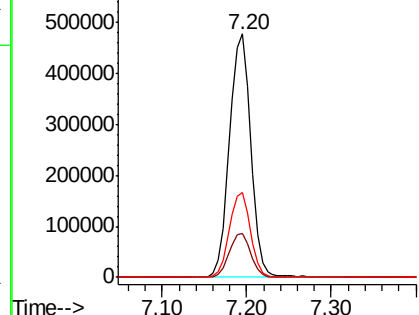
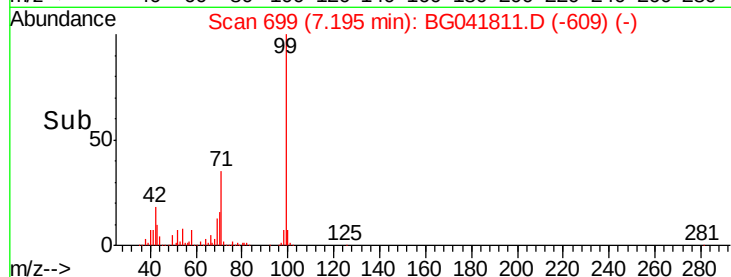
99 100

42 17.9 17.6 26.4

71 34.8 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: BG041811.D

Acq: 30 Jul 2019 21:15

Tgt Ion: 136 Resp: 332323

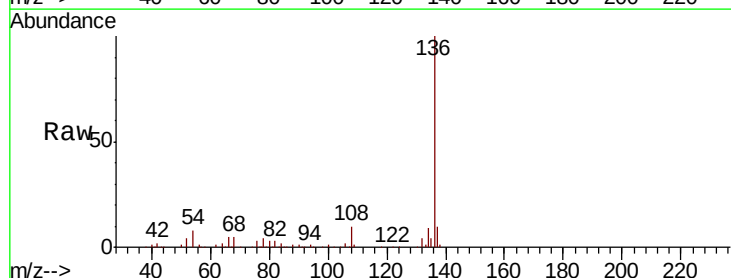
Ion Ratio Lower Upper

136 100

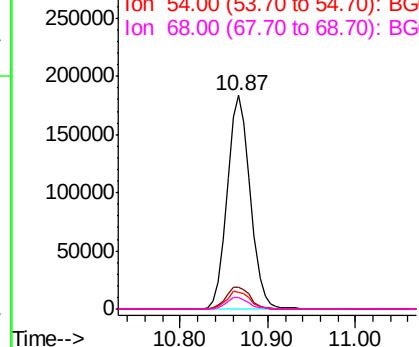
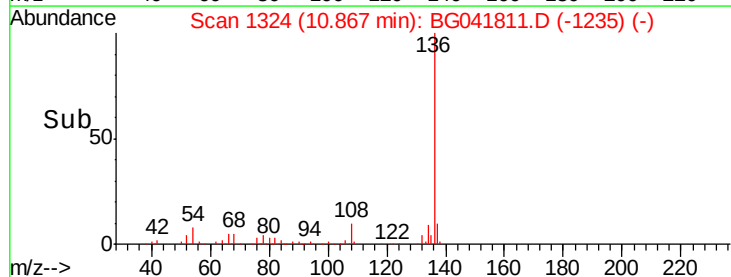
137 10.3 9.2 13.8

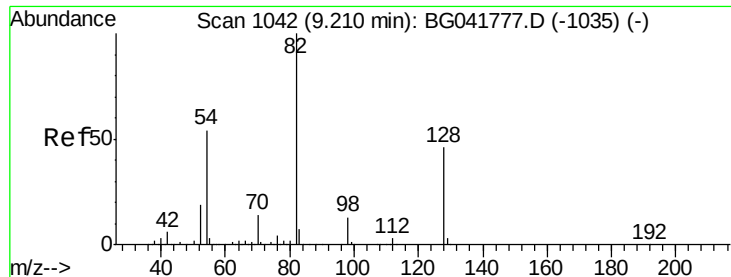
54 8.1 8.7 13.1#

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

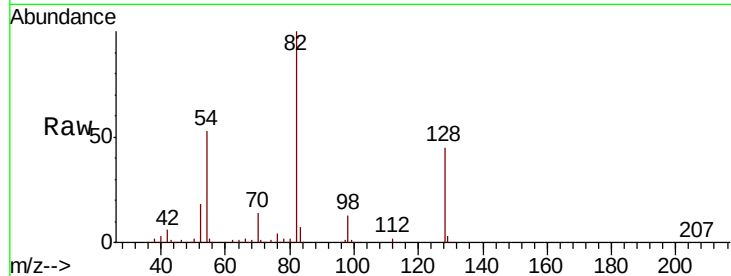




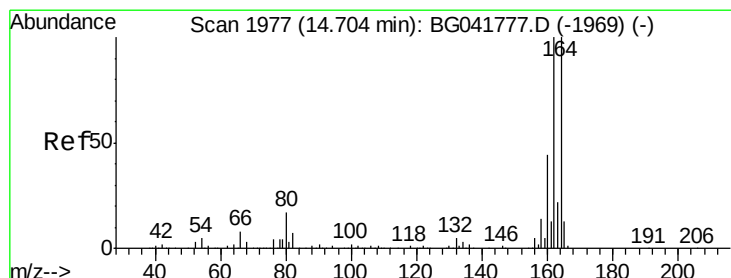
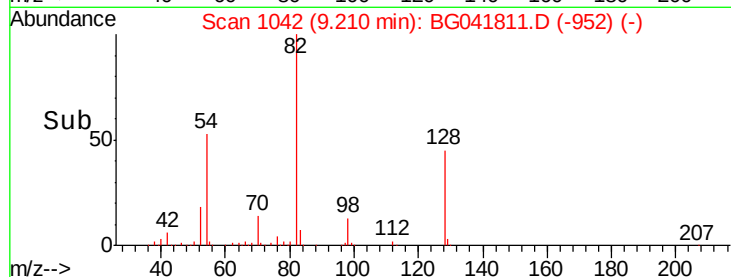
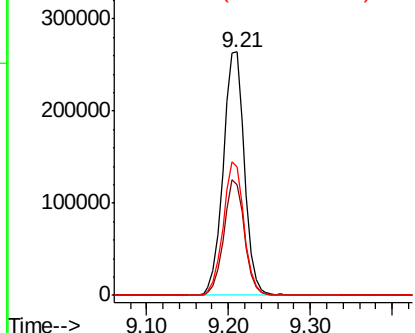
#23
 Nitrobenzene-d5
 Concen: 98.906 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121837TB

Tot Ion	82	Resp	477631
Ion Ratio	100		
Lower			
Upper			
128	45.4	35.1	52.7
54	52.9	48.7	73.1

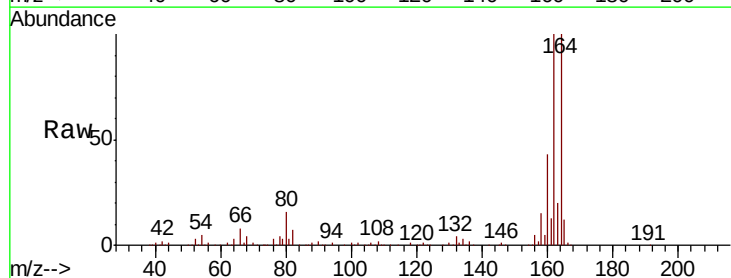


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

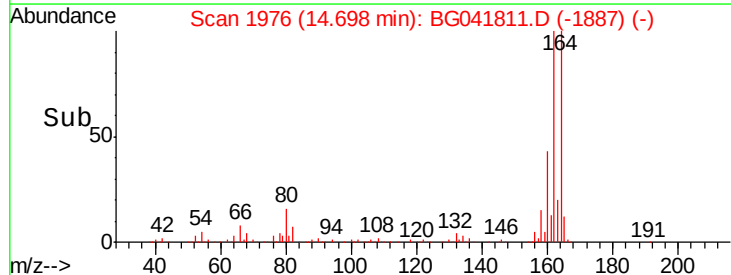
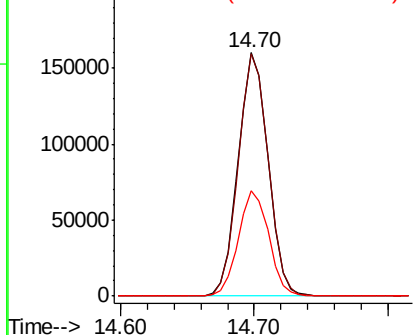


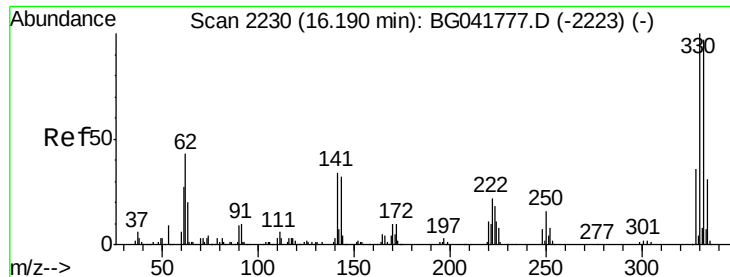
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Tgt Ion	164	Resp	248326
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
162	99.5	79.6	119.4
160	43.0	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

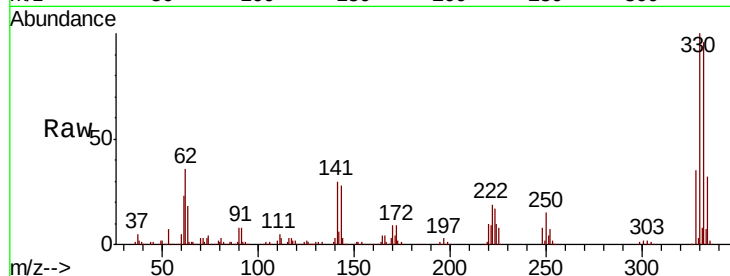




#42
 2,4,6-Tribromophenol
 Concen: 134.122 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 PB121837TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	32.2	31.9	47.9

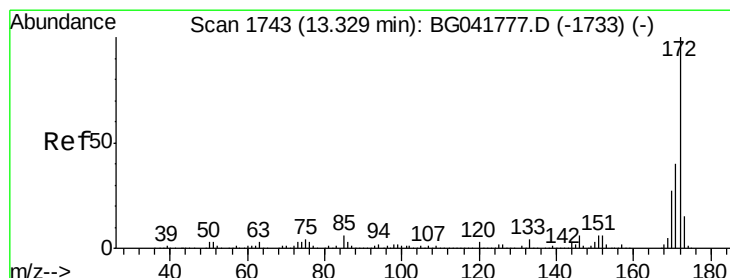
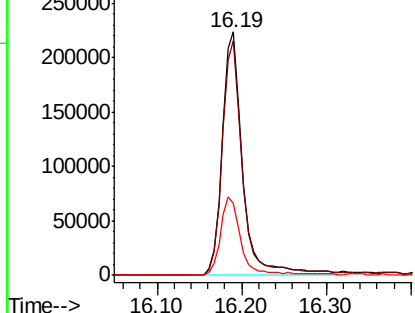
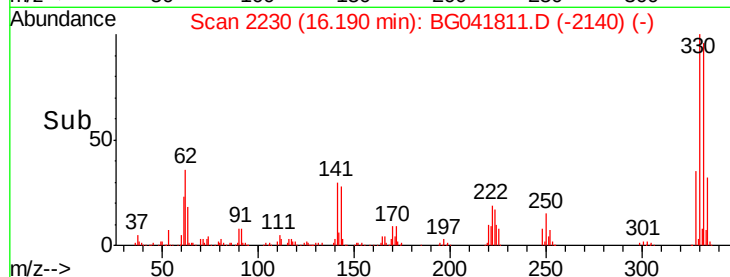


Abundance

Ion 329.80 (329.50 to 330.50): E

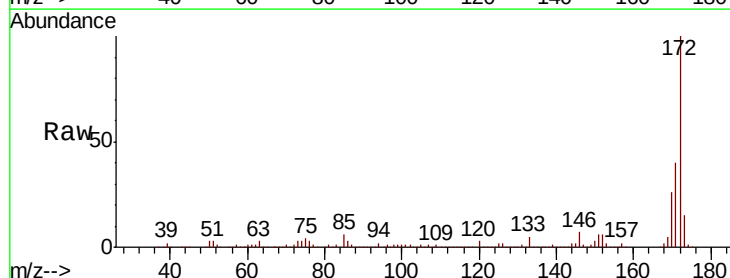
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.172 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041811.D
 Acq: 30 Jul 2019 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	35.0	52.4
170	26.5	23.5	35.3

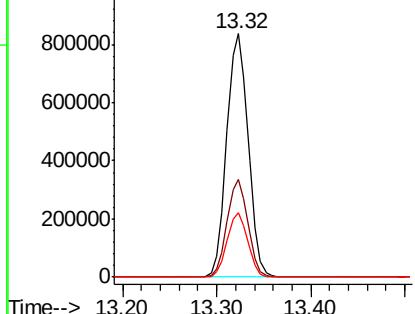
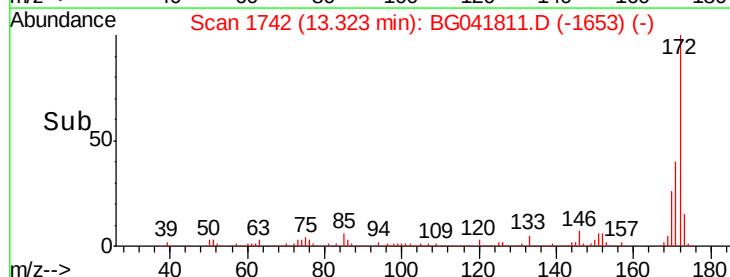


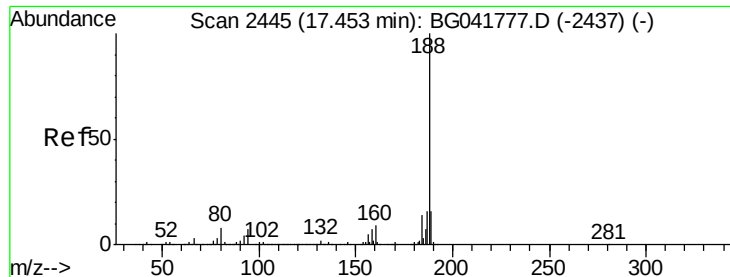
Abundance

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: BG041811.D

Acq: 30 Jul 2019 21:15

Instrument :

BNA_G

ClientSampleId :

PB121837TB

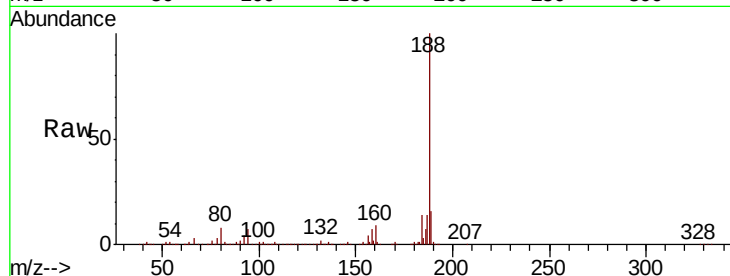
Tot Ion:188 Resp: 662210

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

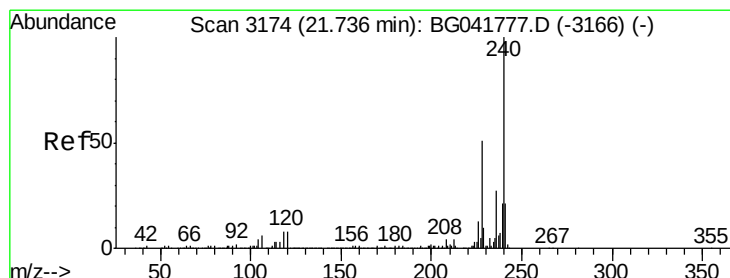
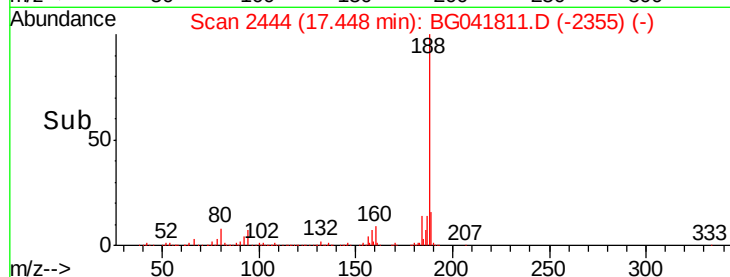
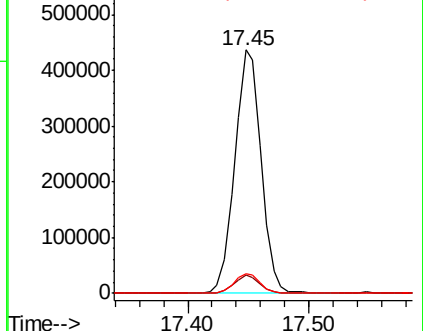
80 8.1 8.0 12.0



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

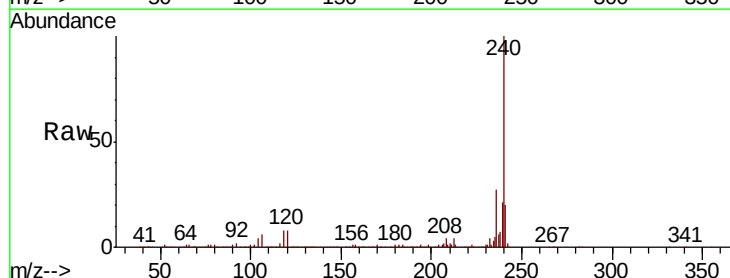
Tgt Ion:240 Resp: 736040

Ion Ratio Lower Upper

240 100

120 8.2 8.0 12.0

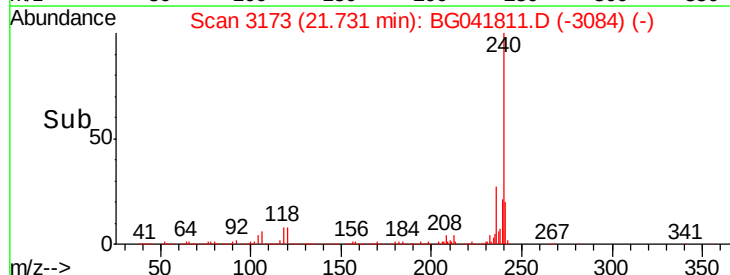
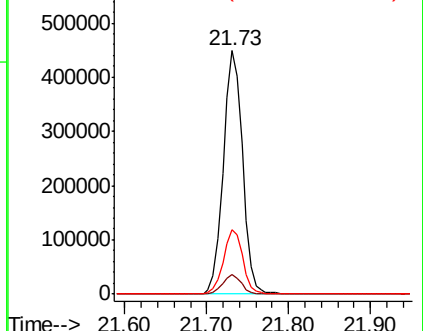
236 26.6 22.6 33.8

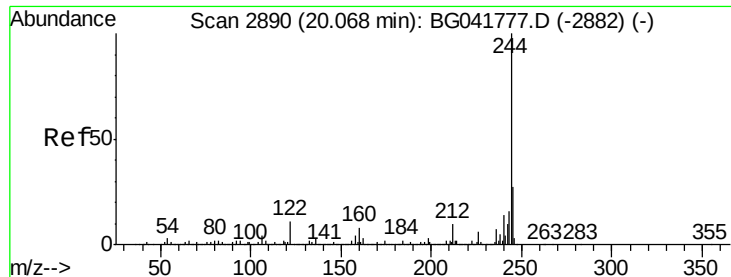


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.634 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

Instrument :

BNA_G

ClientSampleId :

PB121837TB

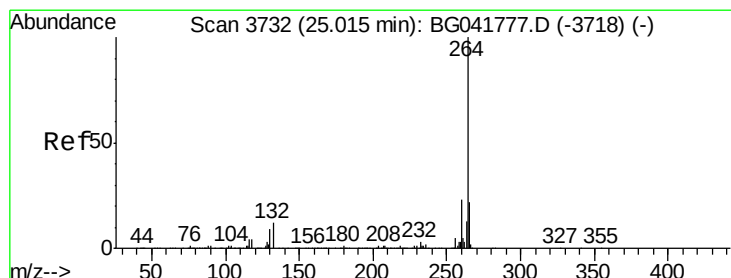
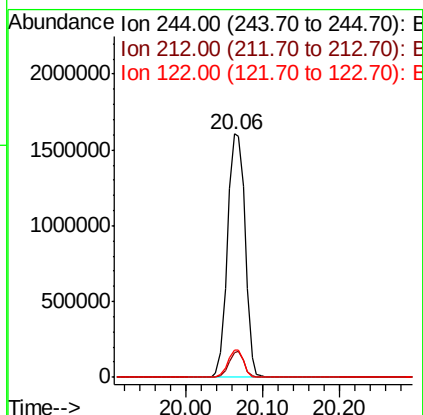
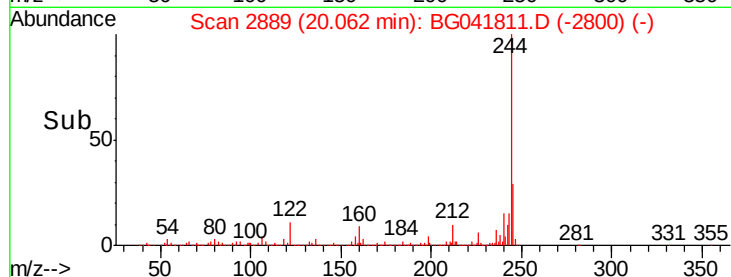
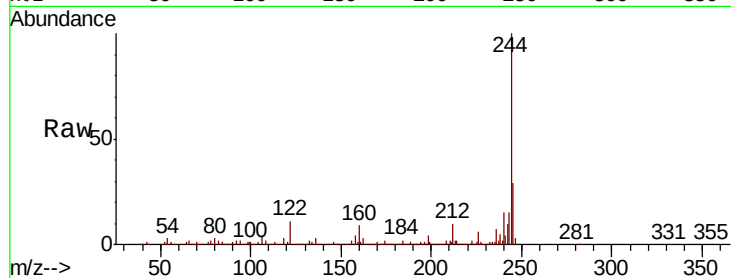
Tot Ion:244 Resp: 2561509

Ion Ratio Lower Upper

244 100

212 10.1 9.7 14.5

122 11.4 12.5 18.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041811.D

Acq: 30 Jul 2019 21:15

Tgt Ion:264 Resp: 832924

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.5 18.0 27.0

