

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041810.D
 Acq On : 30 Jul 2019 20:36
 Operator : HP/JU
 Sample : PB121837BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BL

Quant Time: Jul 31 02:39:23 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	8.04	152	77816	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	288892	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	204177	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	527874	20.00	ng	0.00
76) Chrysene-d12	21.73	240	708173	20.00	ng	0.00
87) Perylene-d12	25.01	264	808035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	513861	128.48	ng	0.00
7) Phenol-d6	7.20	99	686025	127.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	394141	93.89	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	305405	131.69	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1081984	93.46	ng	0.00
79) Terphenyl-d14	20.07	244	2359392	76.24	ng	0.00

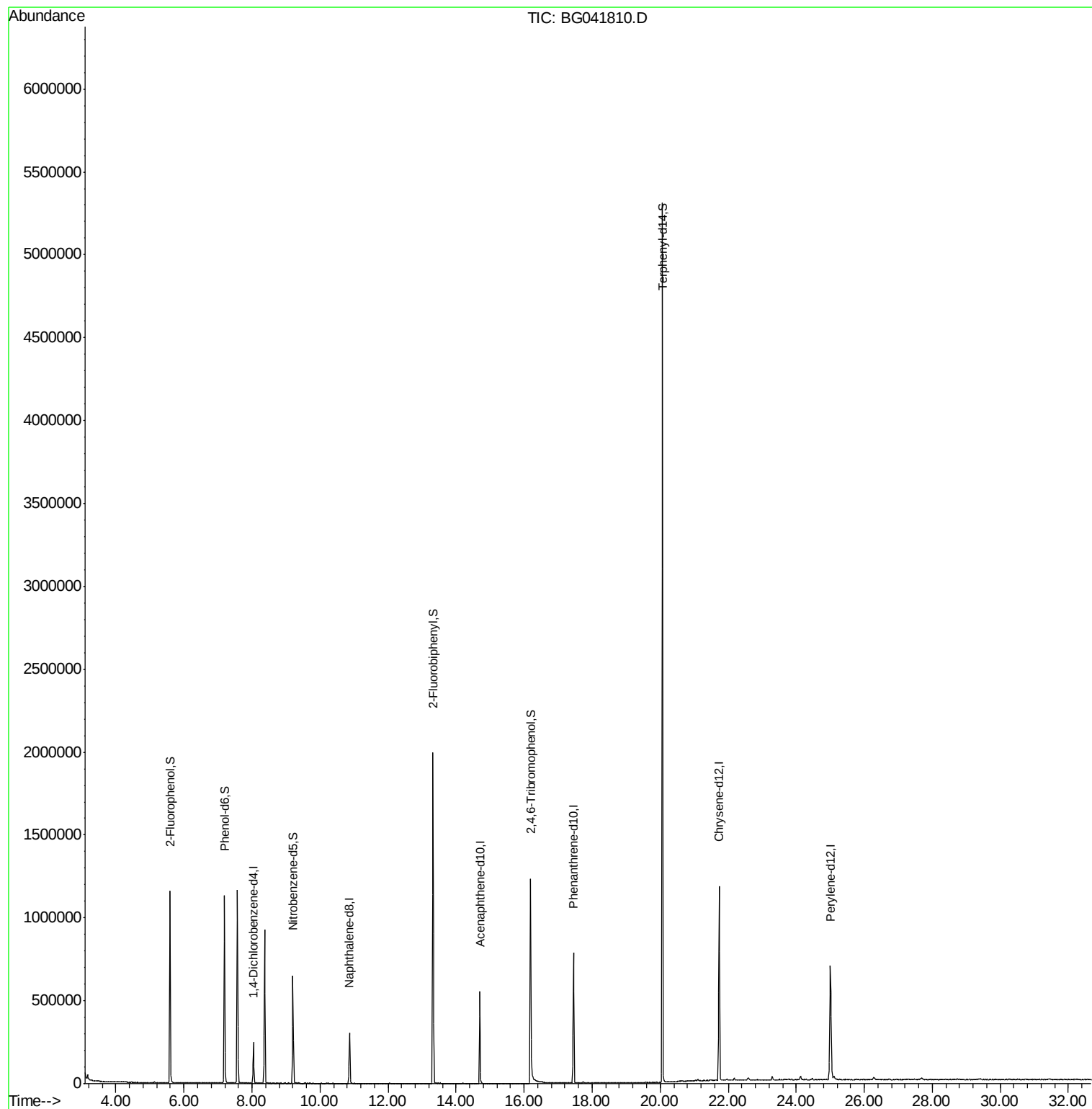
Target Compounds Qvalue

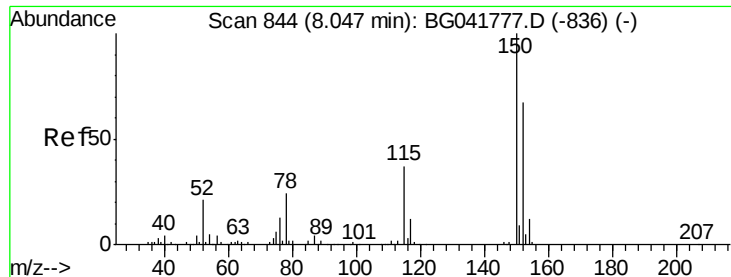
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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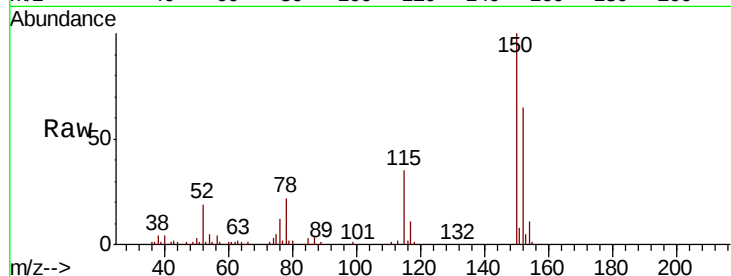


#1

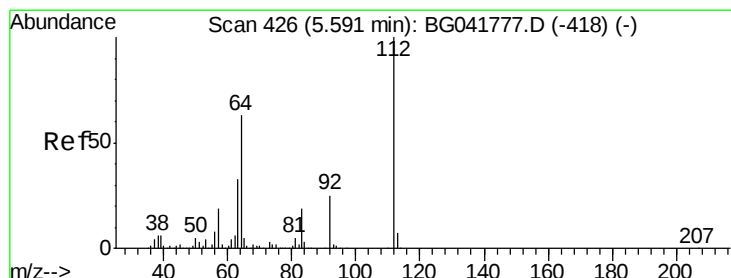
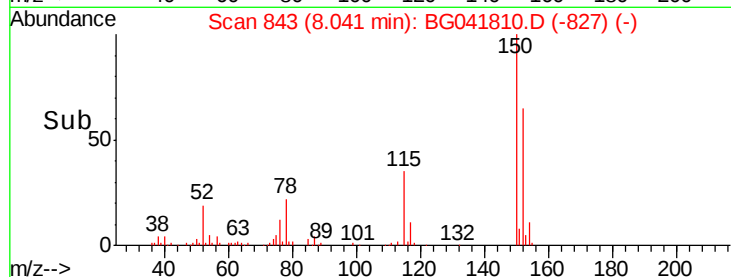
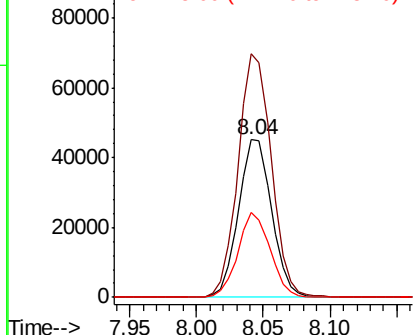
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

Instrument :
BNA_G
ClientSampleId :
PB121837BL

Tot Ion:152 Resp: 77816
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 54.1 45.0 67.6



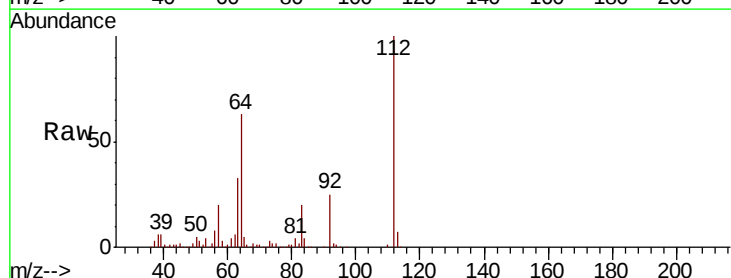
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



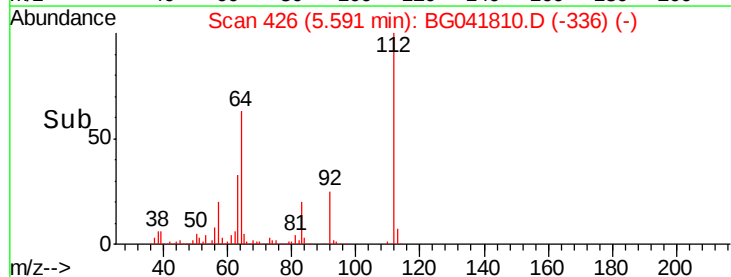
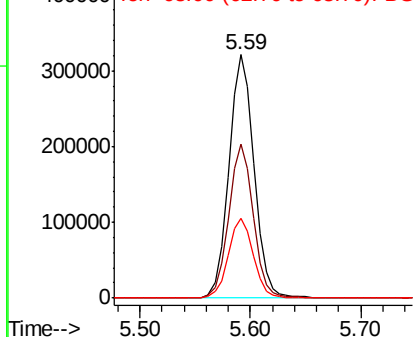
#5

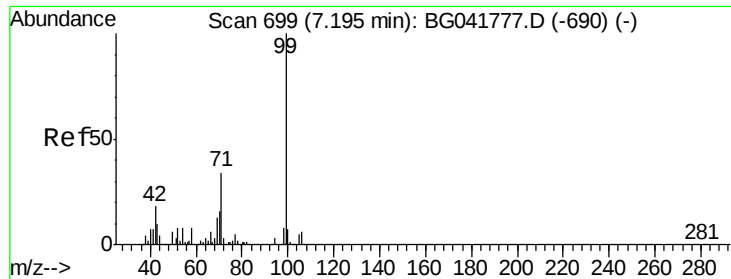
2-Fluorophenol
Concen: 128.480 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

Tgt Ion:112 Resp: 513861
Ion Ratio Lower Upper
112 100
64 63.1 55.4 83.2
63 32.8 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: 127.229 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampled :

PB121837BL

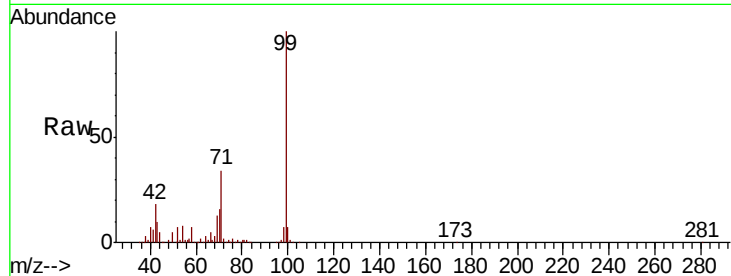
Tot Ion: 99 Resp: 686025

Ion Ratio Lower Upper

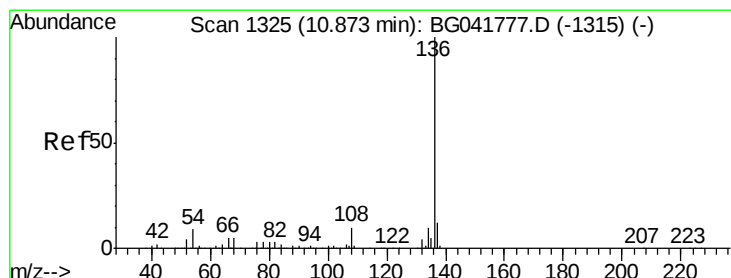
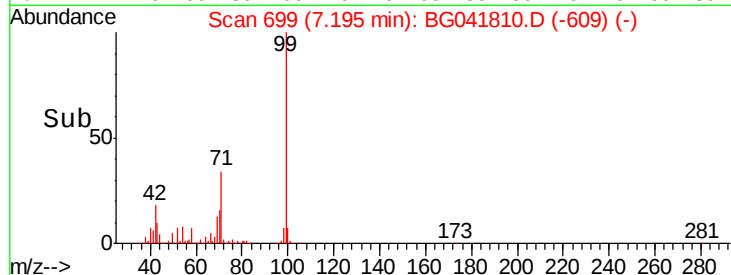
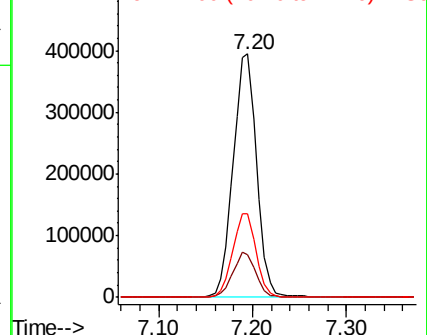
99 100

42 17.8 17.6 26.4

71 34.5 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: BG041810.D

Acq: 30 Jul 2019 20:36

Tgt Ion: 136 Resp: 288892

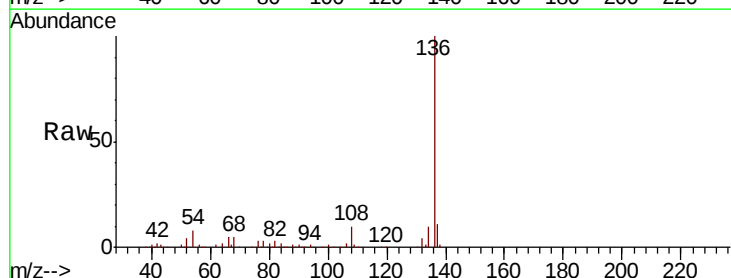
Ion Ratio Lower Upper

136 100

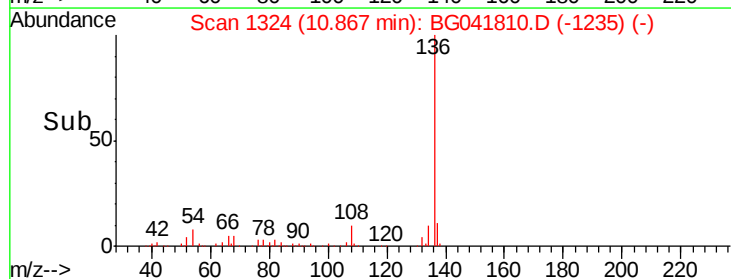
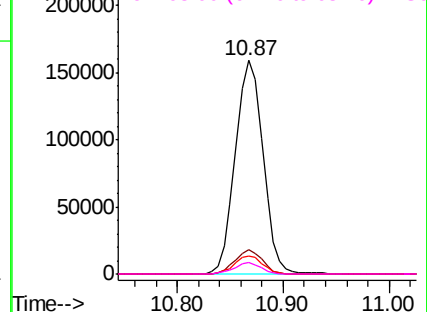
137 11.3 9.2 13.8

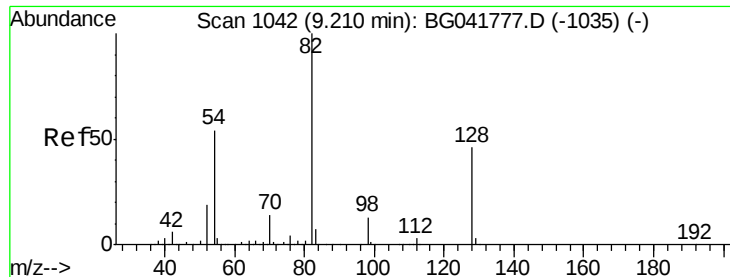
54 8.3 8.7 13.1#

68 5.4 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

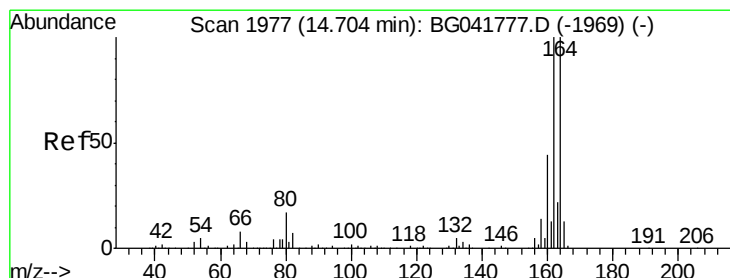
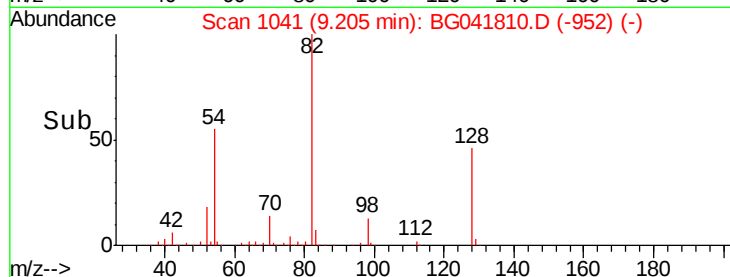
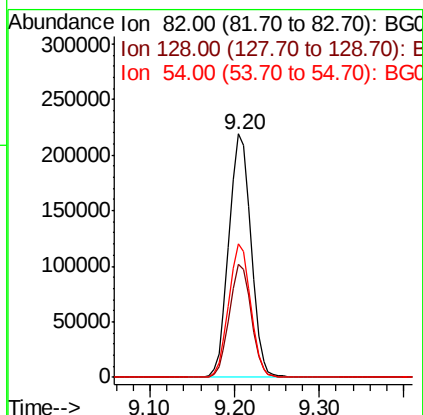
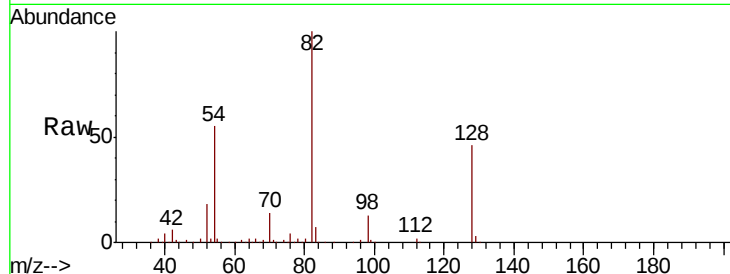




#23
Nitrobenzene-d5
Concen: 93.887 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

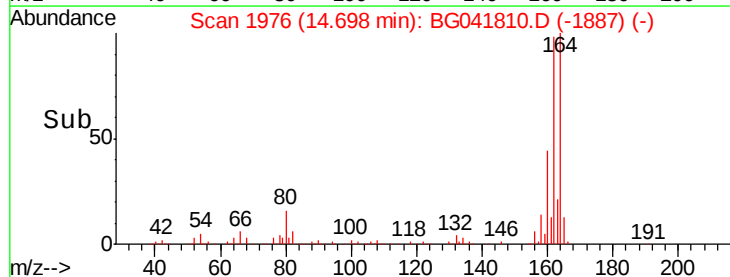
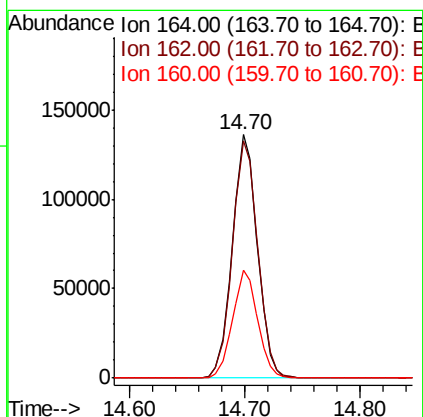
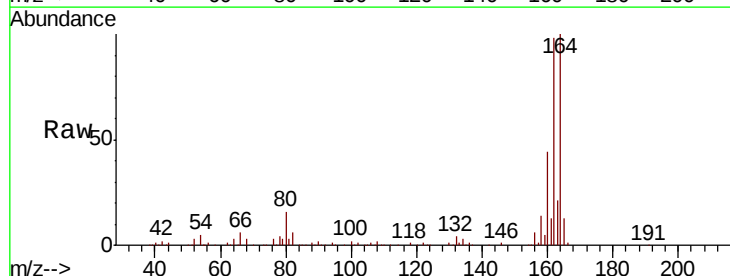
Instrument :
BNA_G
ClientSampleId :
PB121837BL

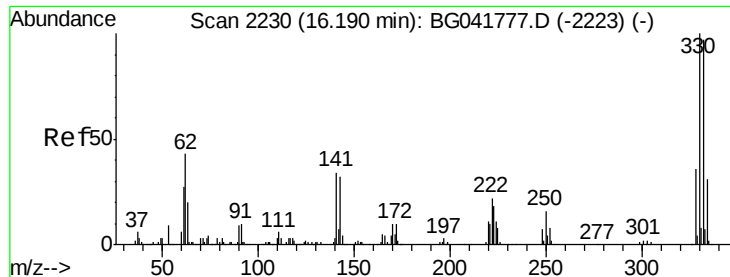
Tot Ion	82	Resp	394141
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	54.9	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041810.D
Acq: 30 Jul 2019 20:36

Tgt Ion	164	Resp	204177
Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.6	119.4
160	44.2	35.4	53.0

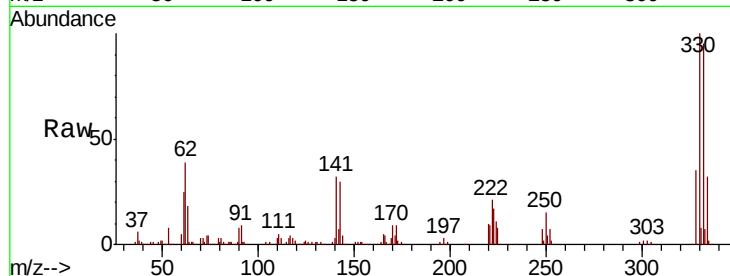




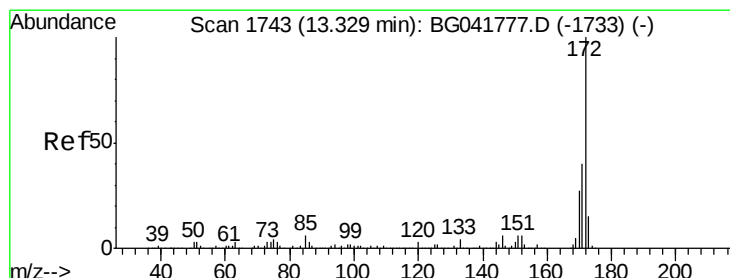
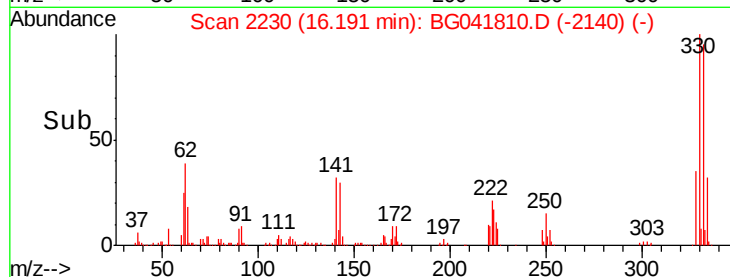
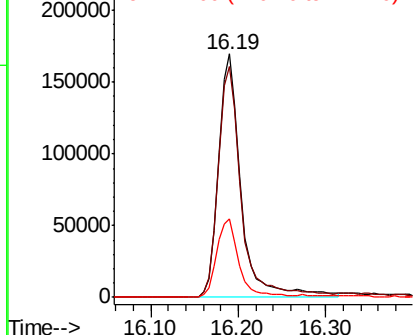
#42
 2,4,6-Tribromophenol
 Concen: 131.687 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041810.D
 Acq: 30 Jul 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BL

Tot Ion:330 Resp: 305405
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 31.6 31.9 47.9#

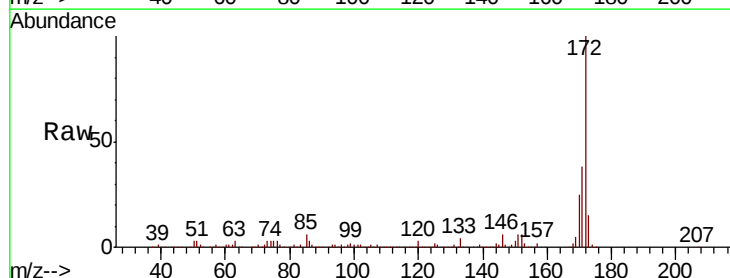


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

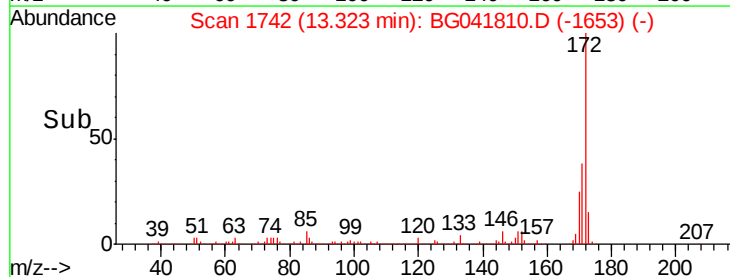
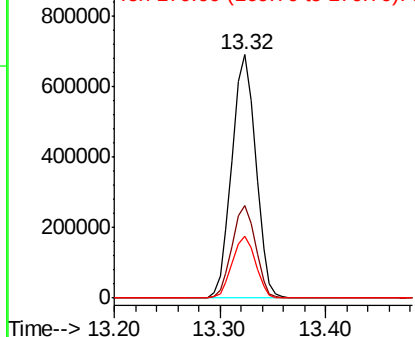


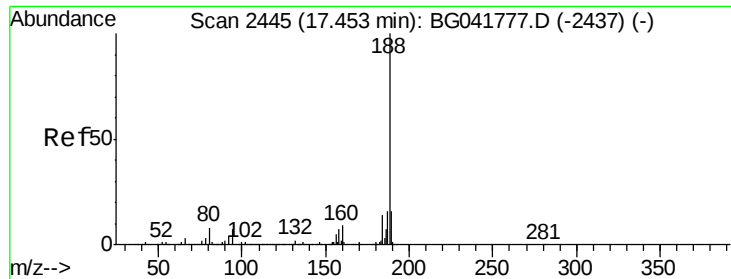
#45
 2-Fluorobiphenyl
 Concen: 93.464 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041810.D
 Acq: 30 Jul 2019 20:36

Tgt Ion:172 Resp: 1081984
 Ion Ratio Lower Upper
 172 100
 171 38.1 35.0 52.4
 170 25.4 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: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB121837BL

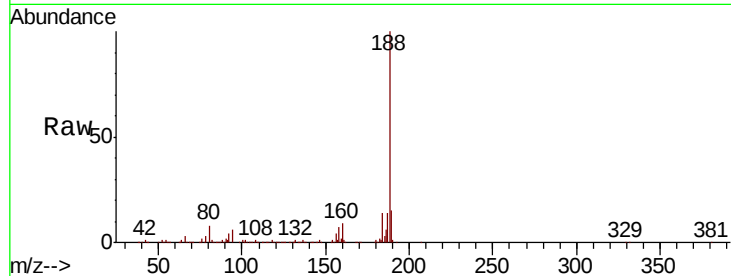
Tot Ion:188 Resp: 527874

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

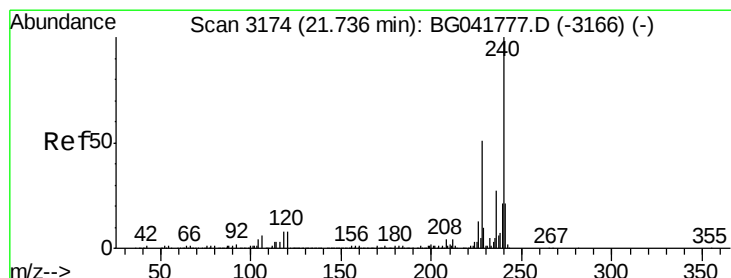
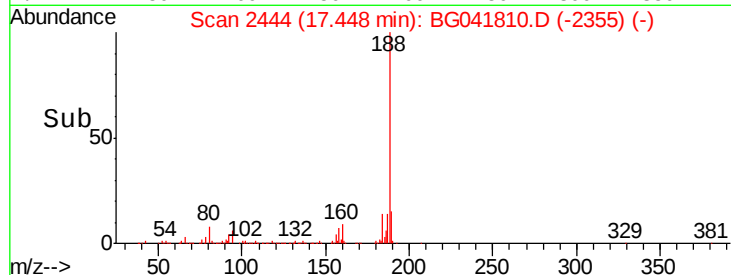
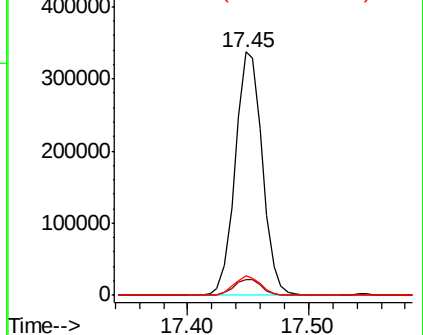
80 7.8 8.0 12.0#



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: BG041810.D

Acq: 30 Jul 2019 20:36

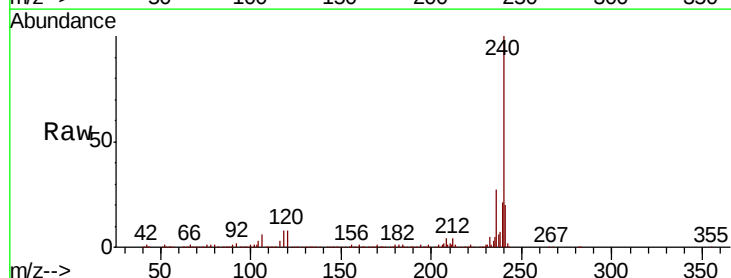
Tgt Ion:240 Resp: 708173

Ion Ratio Lower Upper

240 100

120 8.0 8.0 12.0#

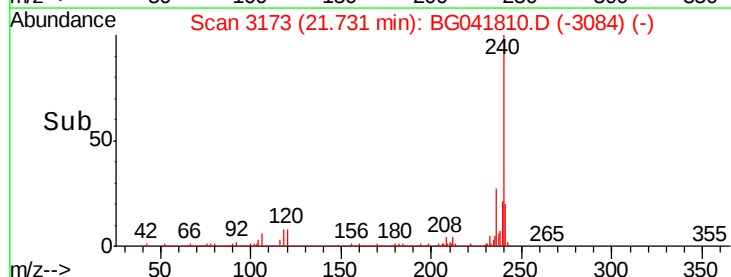
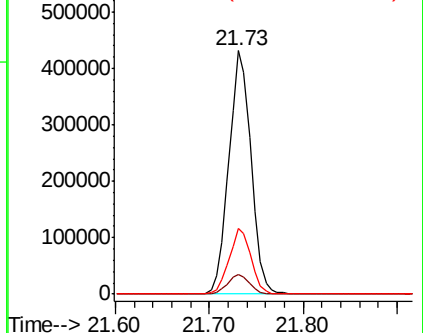
236 27.1 22.6 33.8

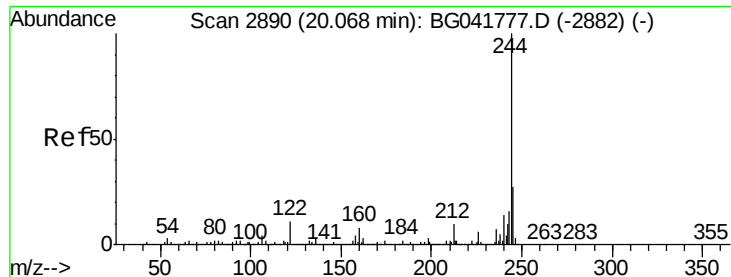


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.237 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

Instrument :

BNA_G

ClientSampleId :

PB121837BL

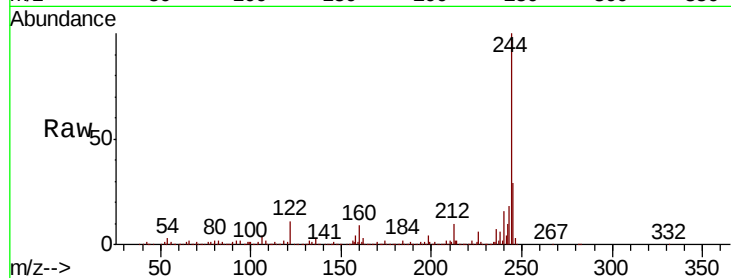
Tot Ion:244 Resp: 2359392

Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.7	14.5
122	11.0	12.5	18.7

244 100

212 10.4 9.7 14.5

122 11.0 12.5 18.7

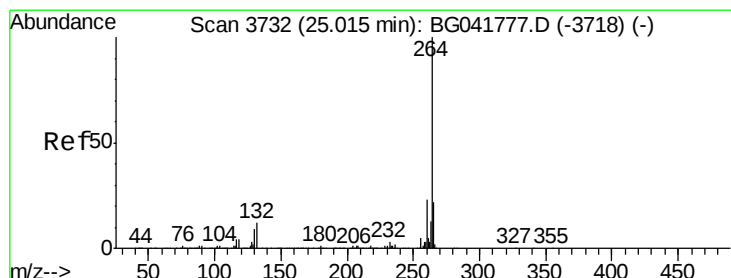
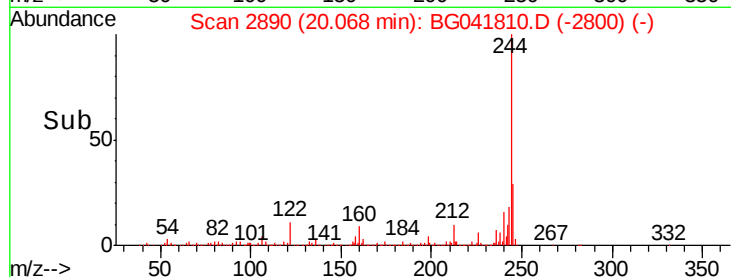
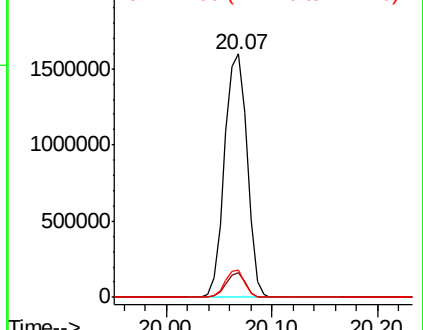


Abundance

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. -0.01 min

Lab File: BG041810.D

Acq: 30 Jul 2019 20:36

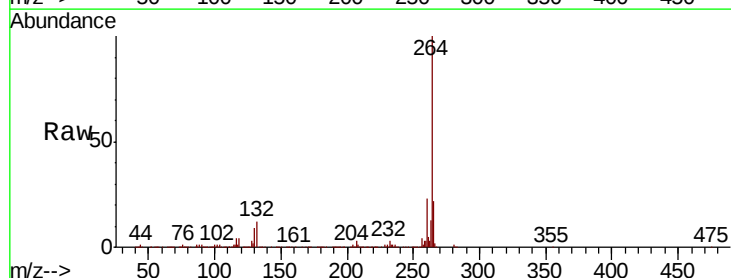
Tgt Ion:264 Resp: 808035

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	18.0	27.0

264 100

260 23.3 19.5 29.3

265 21.6 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

