

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041786.D
 Acq On : 29 Jul 2019 11:42
 Operator : HP/JU
 Sample : PB121703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BL

Quant Time: Jul 30 08:03:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102516	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	395360	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	289132	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	708068	20.00	ng	0.00
76) Chrysene-d12	21.74	240	753414	20.00	ng	0.00
87) Perylene-d12	25.01	264	845324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	700467	132.94	ng	0.00
7) Phenol-d6	7.20	99	950903	133.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	562529	97.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	501331	152.65	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1552978	94.73	ng	0.00
79) Terphenyl-d14	20.07	244	2711035	82.34	ng	0.00

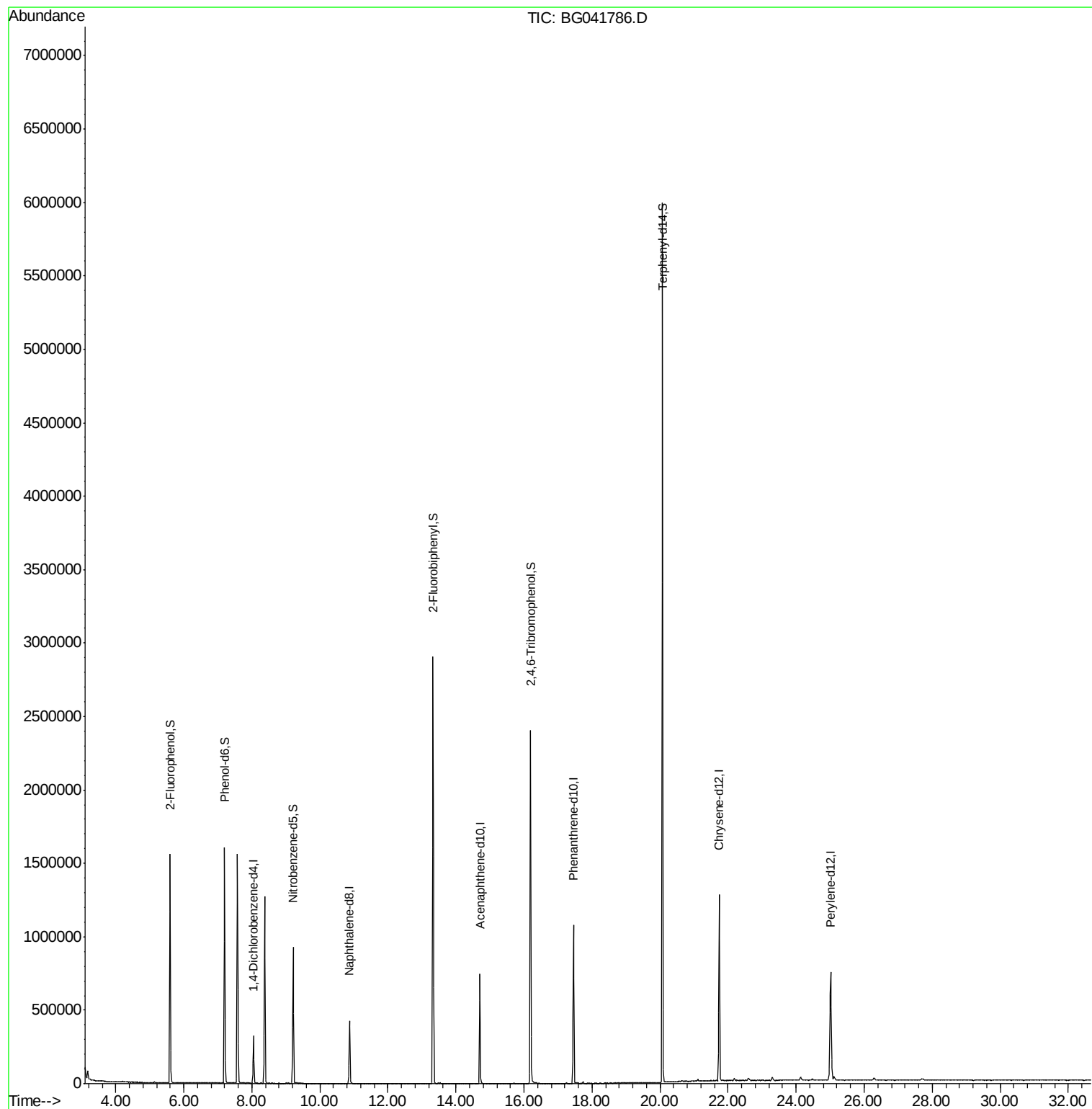
Target Compounds Qvalue

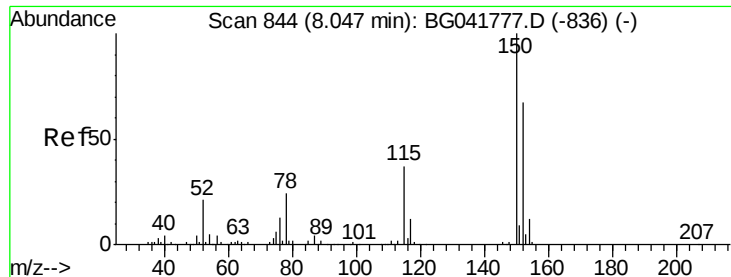
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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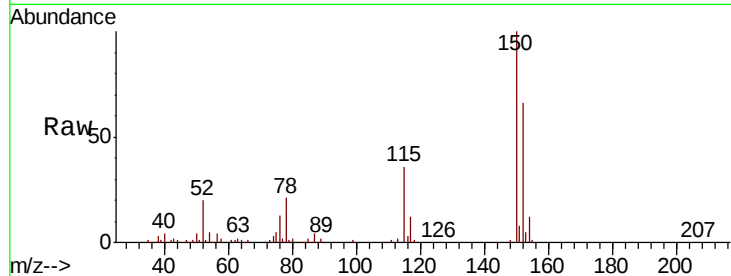


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041786.D
Acq: 29 Jul 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB121703BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.9	190.3
115	55.0	45.0	67.6

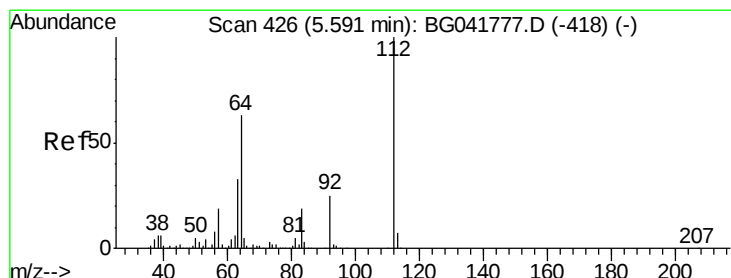
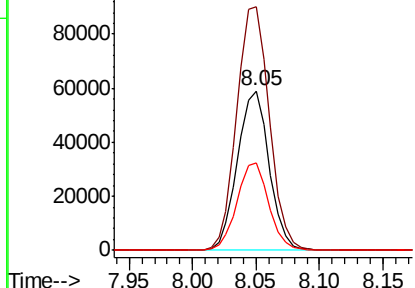
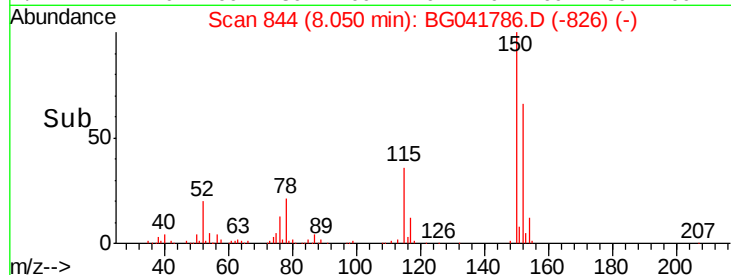


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

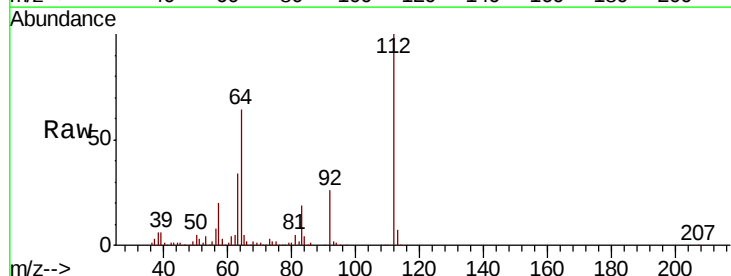
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.940 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041786.D
Acq: 29 Jul 2019 11:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	55.4	83.2
63	34.2	29.1	43.7

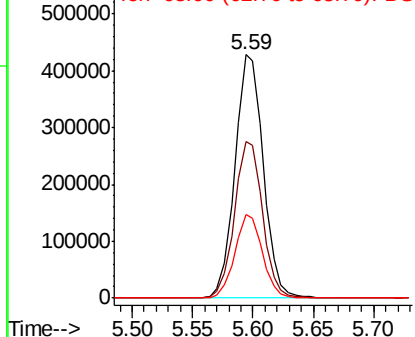
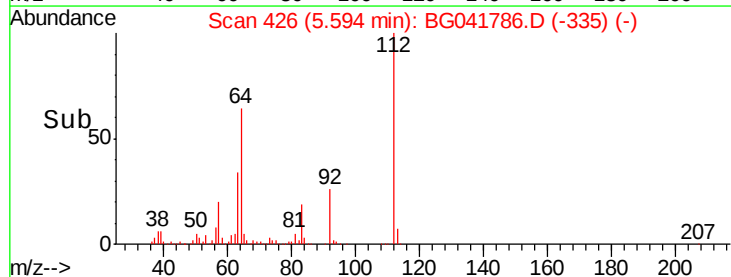


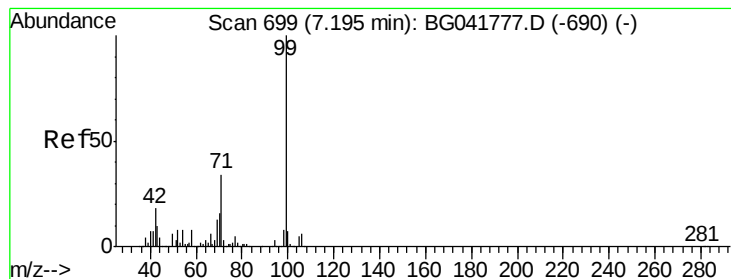
Abundance

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: 133.863 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041786.D

Acq: 29 Jul 2019 11:42

Instrument :

BNA_G

ClientSampleId :

PB121703BL

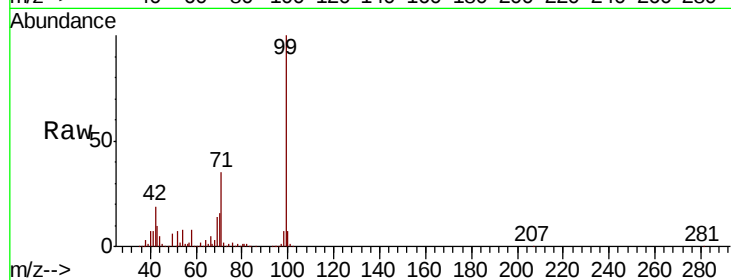
Tot Ion: 99 Resp: 950903

Ion Ratio Lower Upper

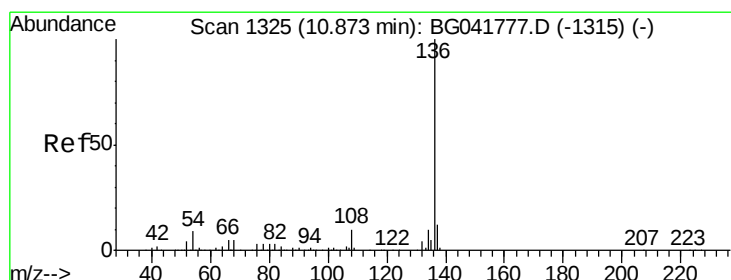
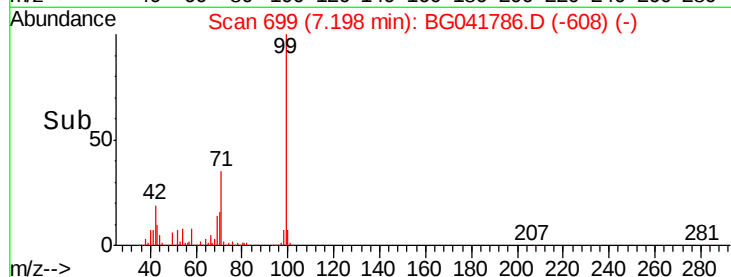
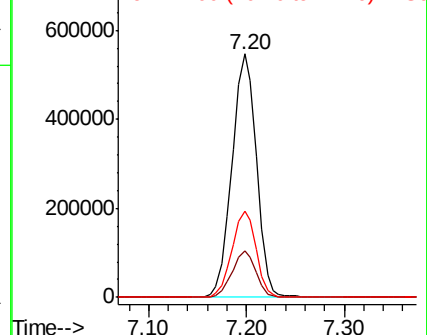
99 100

42 19.0 17.6 26.4

71 35.4 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. -0.00 min

Lab File: BG041786.D

Acq: 29 Jul 2019 11:42

Tgt Ion: 136 Resp: 395360

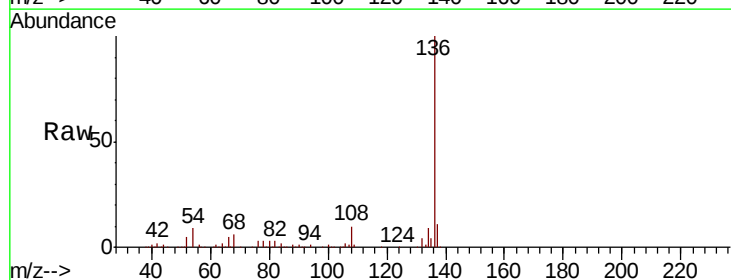
Ion Ratio Lower Upper

136 100

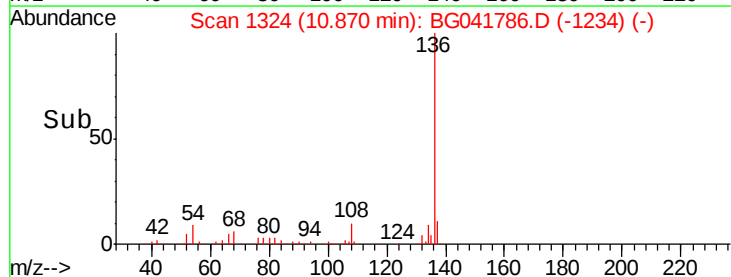
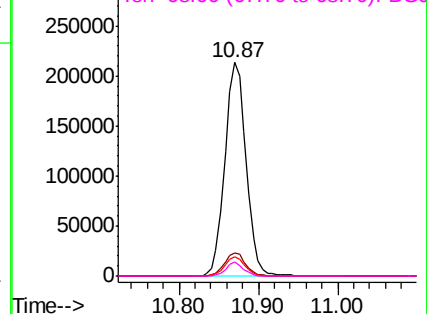
137 11.0 9.2 13.8

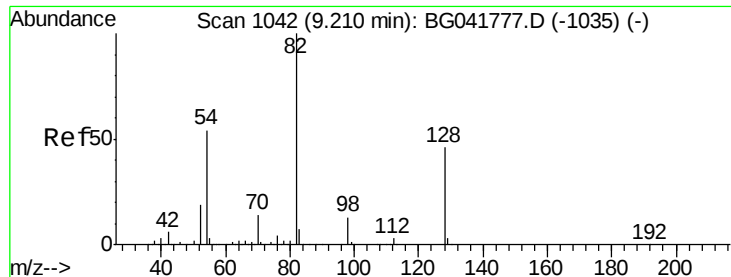
54 9.2 8.7 13.1

68 6.5 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

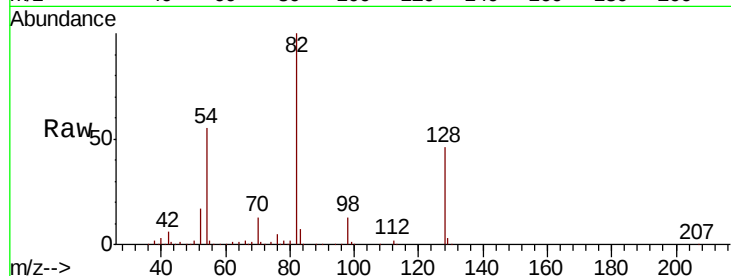




#23
Nitrobenzene-d5
Concen: 97.914 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041786.D
Acq: 29 Jul 2019 11:42

Instrument :
BNA_G
ClientSampleId :
PB121703BL

Tot Ion	82.00	Resp	562529
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.1	52.7
54	54.6	48.7	73.1

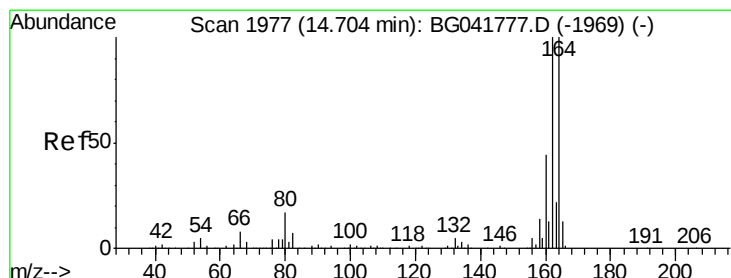
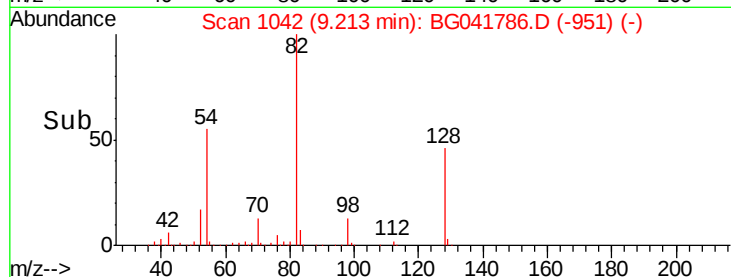
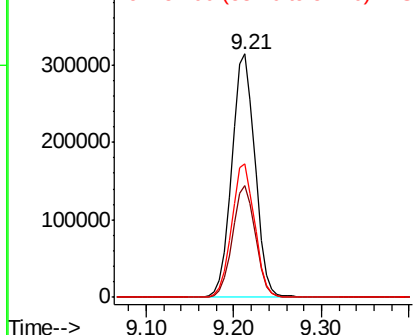


Abundance

Ion 82.00 (81.70 to 82.70): BGC

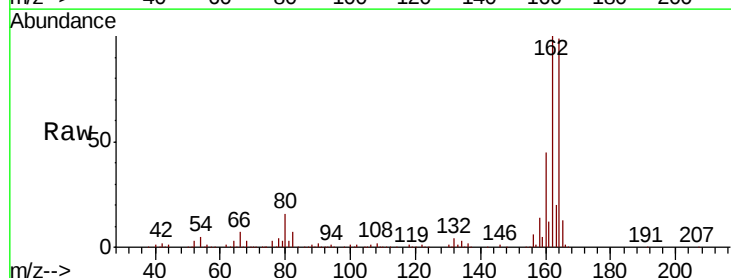
Ion 128.00 (127.70 to 128.70): BGC

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. -0.00 min
Lab File: BG041786.D
Acq: 29 Jul 2019 11:42

Tgt Ion	164.00	Resp	289132
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.6	119.4
160	44.8	35.4	53.0

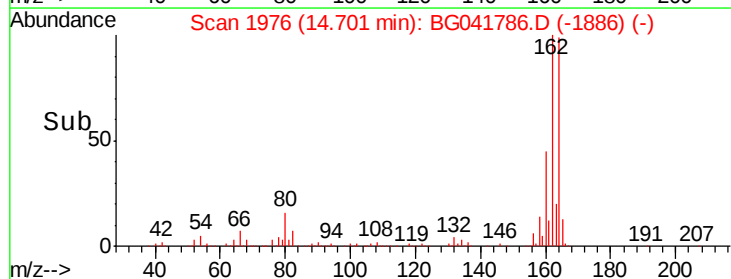
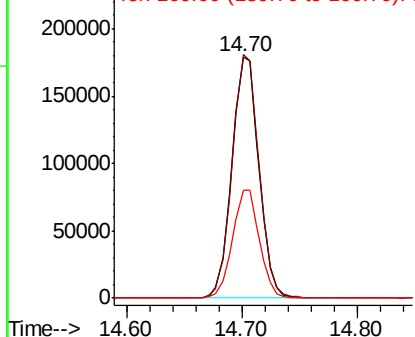


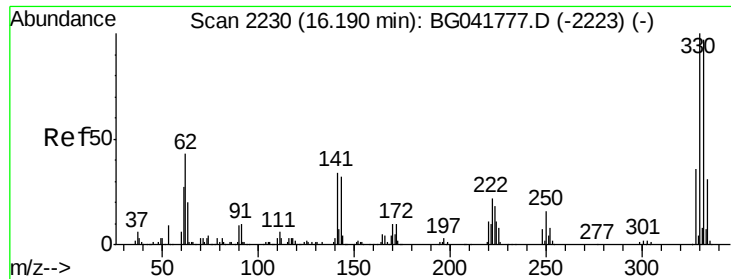
Abundance

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

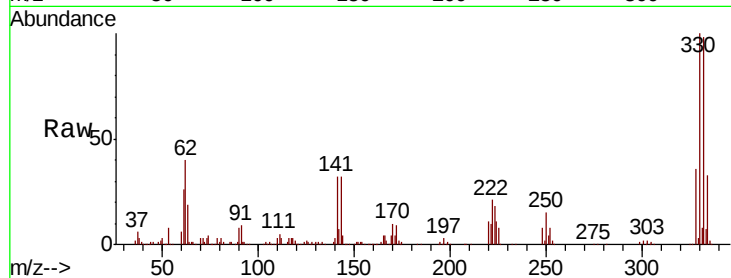




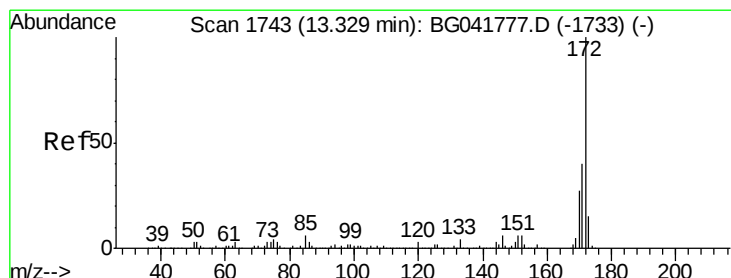
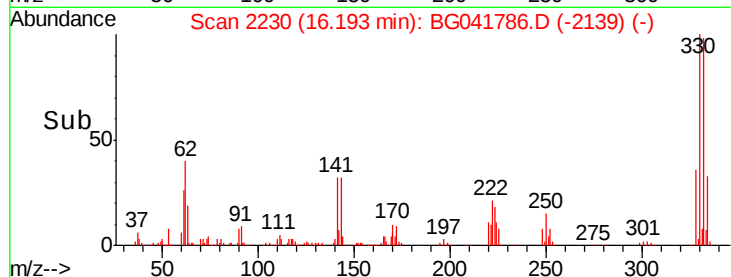
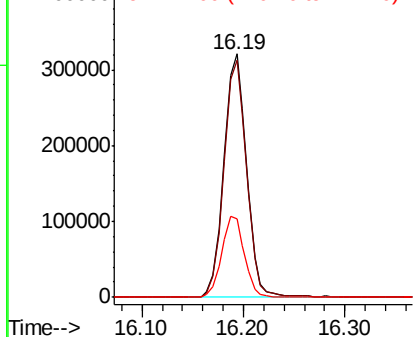
#42
 2,4,6-Tribromophenol
 Concen: 152.652 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041786.D
 Acq: 29 Jul 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BL

Tot Ion:330 Resp: 501331
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 33.0 31.9 47.9

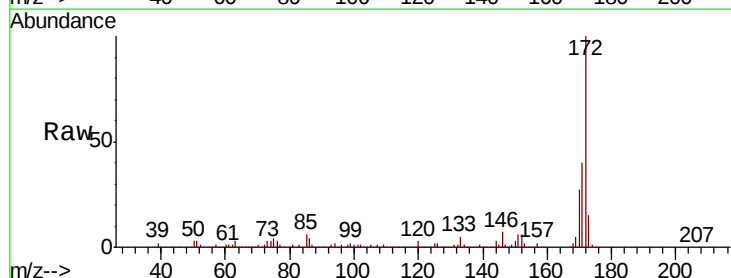


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

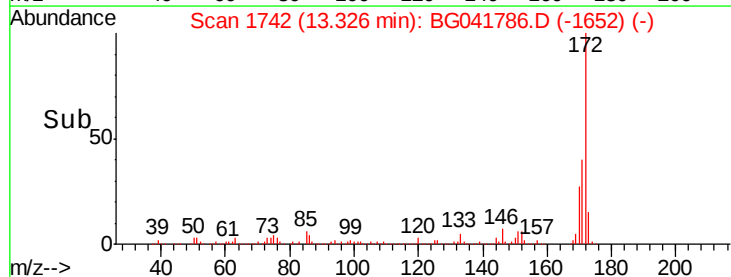
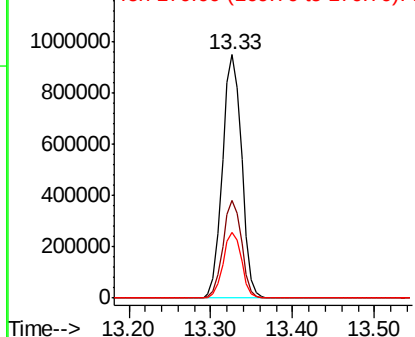


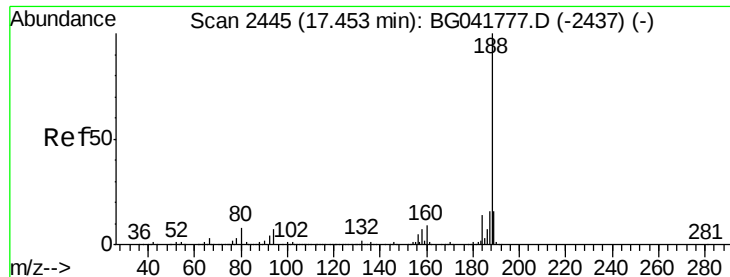
#45
 2-Fluorobiphenyl
 Concen: 94.733 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041786.D
 Acq: 29 Jul 2019 11:42

Tgt Ion:172 Resp: 1552978
 Ion Ratio Lower Upper
 172 100
 171 40.4 35.0 52.4
 170 27.0 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: BG041786.D

Acq: 29 Jul 2019 11:42

Instrument :

BNA_G

ClientSampleId :

PB121703BL

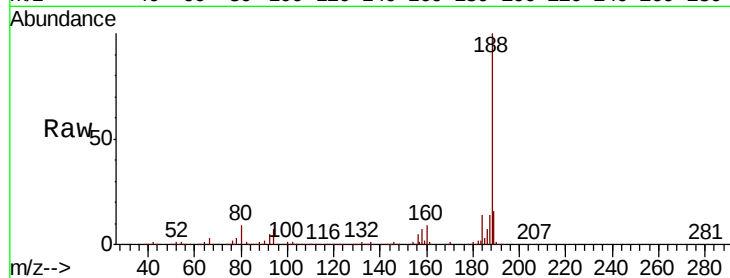
Tot Ion:188 Resp: 708068

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

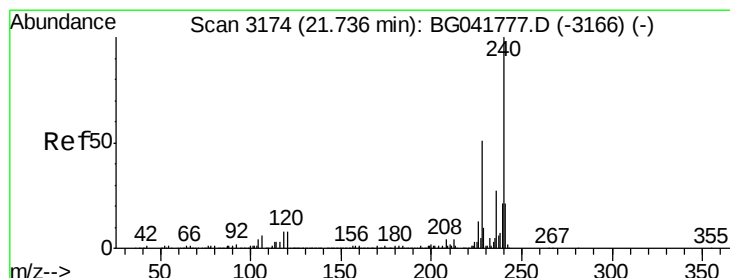
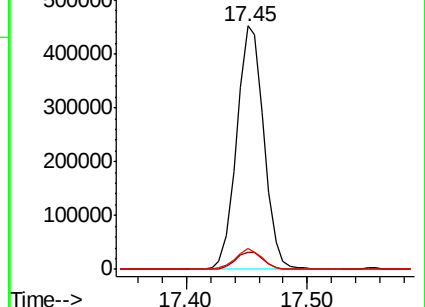
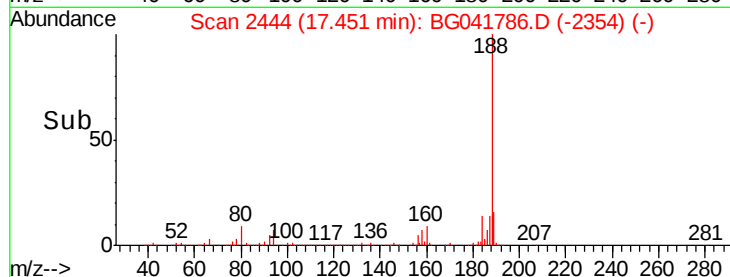
80 8.5 8.0 12.0



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041786.D

Acq: 29 Jul 2019 11:42

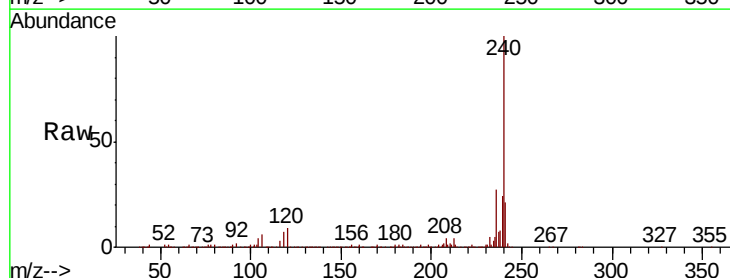
Tgt Ion:240 Resp: 753414

Ion Ratio Lower Upper

240 100

120 8.6 8.0 12.0

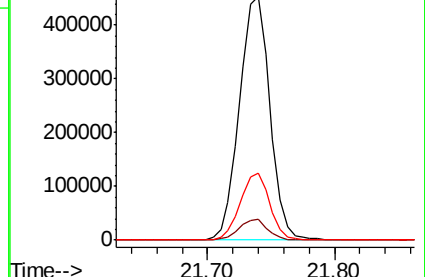
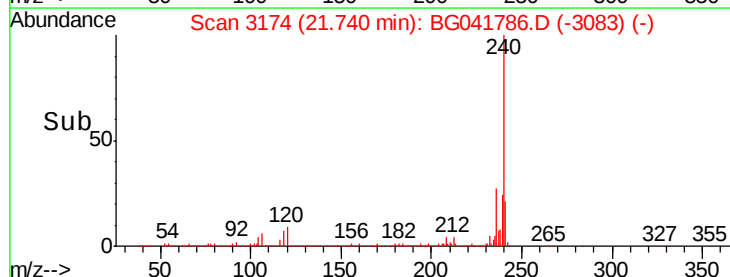
236 27.3 22.6 33.8

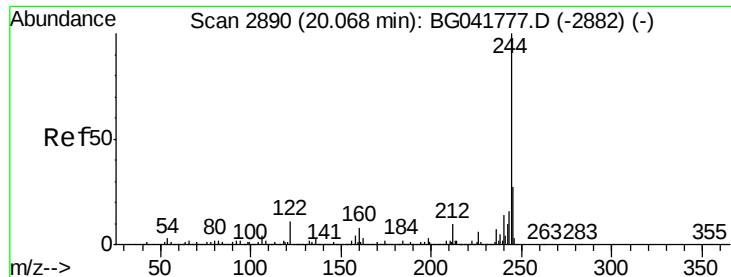


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.339 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041786.D

Acq: 29 Jul 2019 11:42

Instrument :

BNA_G

ClientSampleId :

PB121703BL

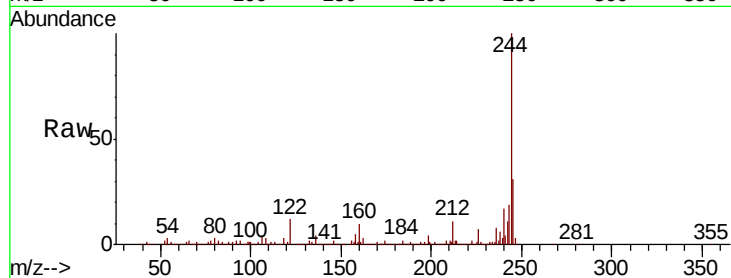
Tot Ion:244 Resp: 2711035

Ion Ratio Lower Upper

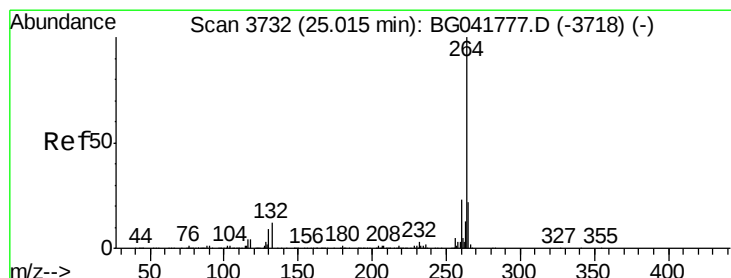
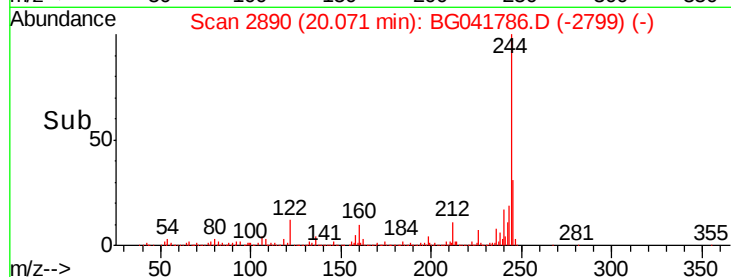
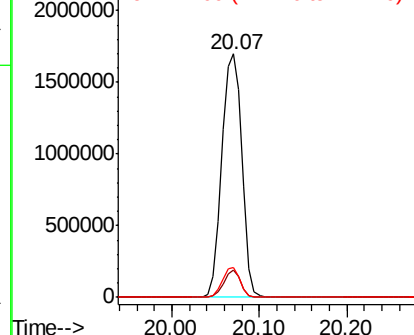
244 100

212 11.2 9.7 14.5

122 12.4 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: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041786.D

Acq: 29 Jul 2019 11:42

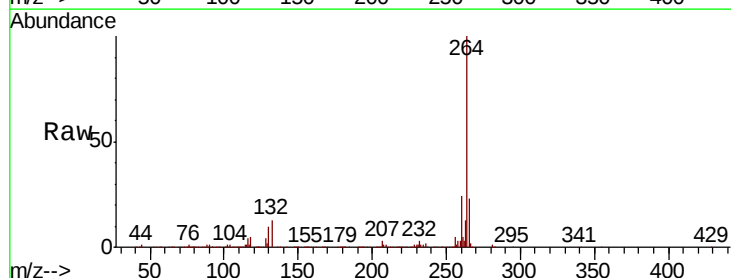
Tgt Ion:264 Resp: 845324

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 23.0 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

