

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041877.D
 Acq On : 1 Aug 2019 23:53
 Operator : HP/JU
 Sample : K4024-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Aug 02 04:04:48 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

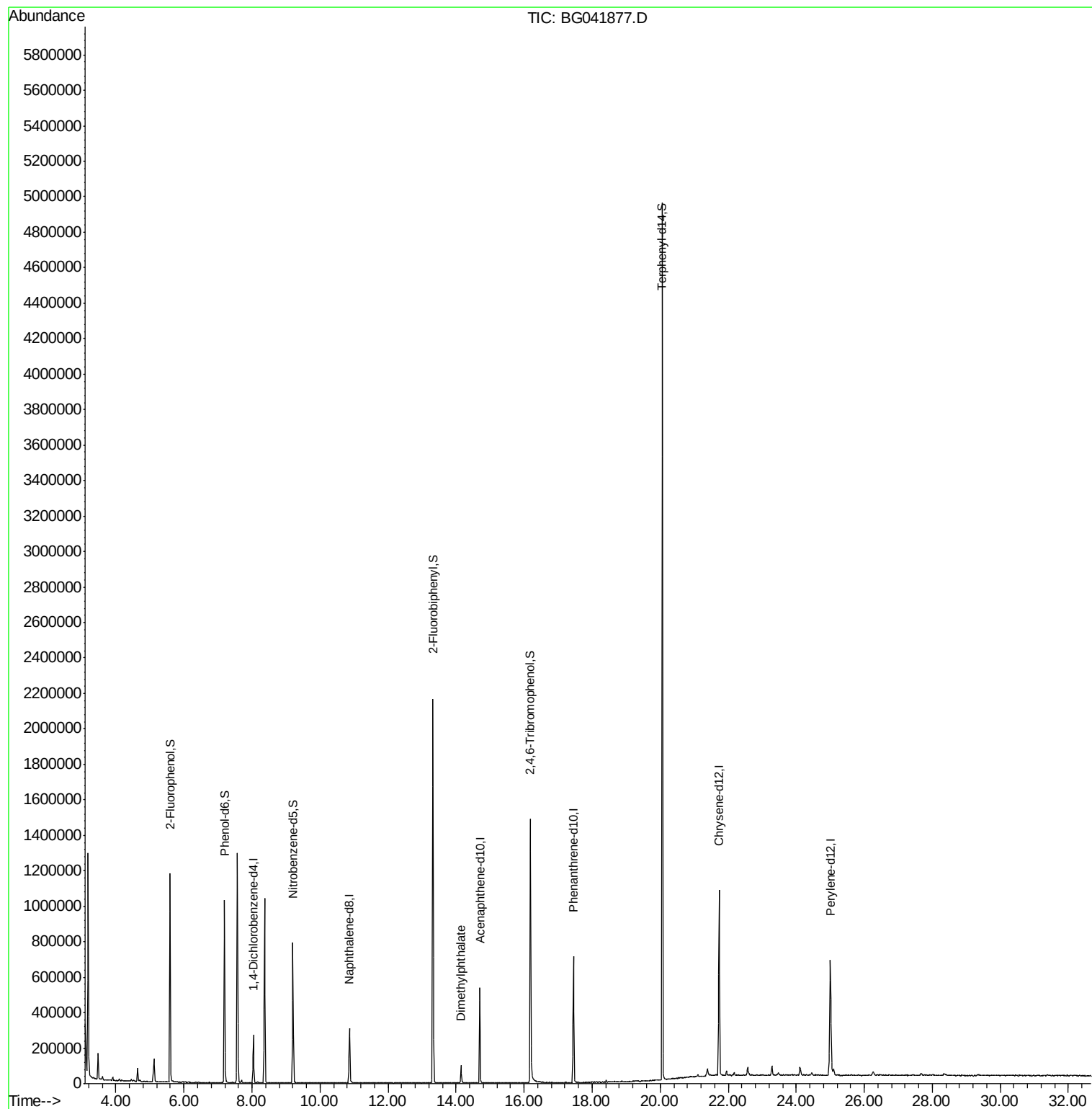
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80203	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	301060	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	202953	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	466879	20.00	ng	0.00
76) Chrysene-d12	21.73	240	639219	20.00	ng	0.00
87) Perylene-d12	25.00	264	756304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	523704	127.04	ng	0.00
7) Phenol-d6	7.19	99	631280	113.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	473465	108.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	341031	147.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1203927	104.62	ng	-0.01
79) Terphenyl-d14	20.06	244	2271280	81.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	84400	6.089	ng	Qvalue 99

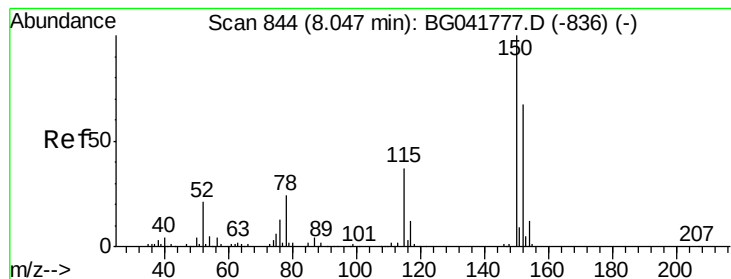
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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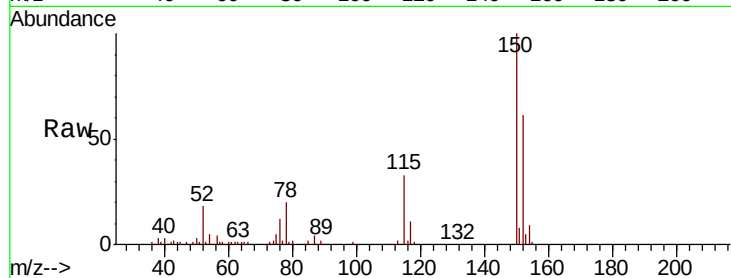


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.9	190.3
115	53.0	45.0	67.6

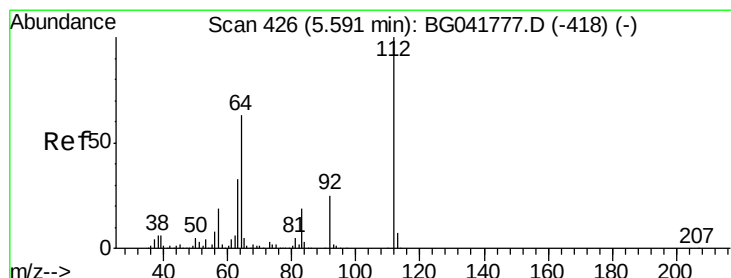
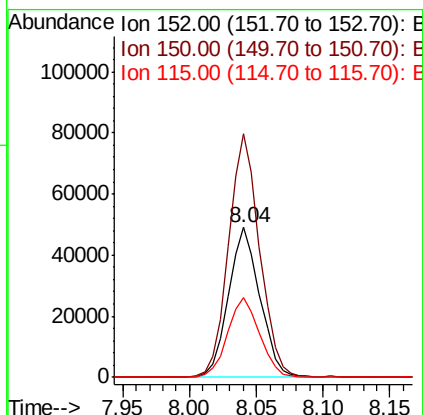
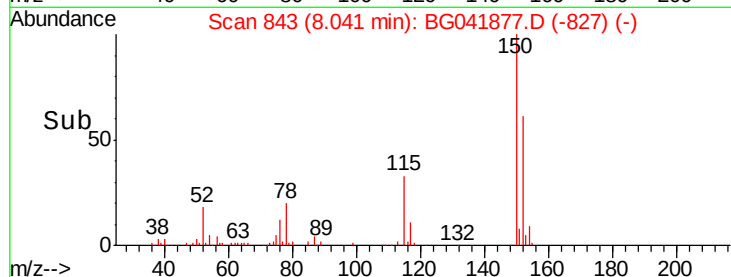


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

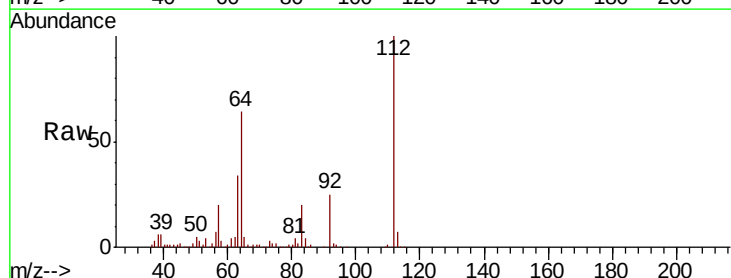
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.044 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	55.4	83.2
63	33.6	29.1	43.7

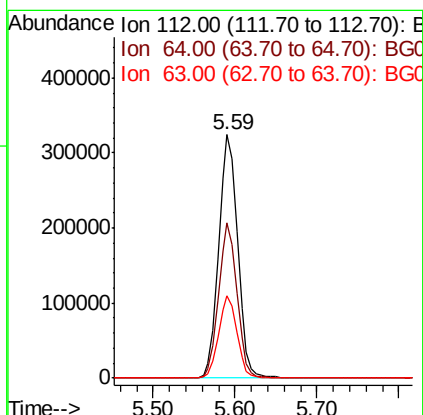
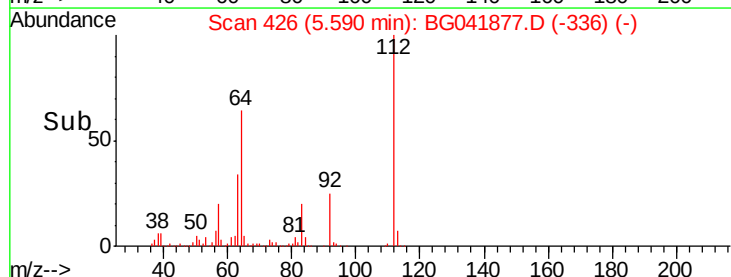


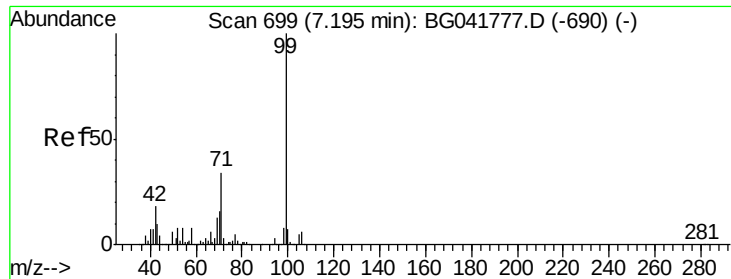
Abundance

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: 113.592 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Instrument :

BNA_G

ClientSampleId :

TP-8

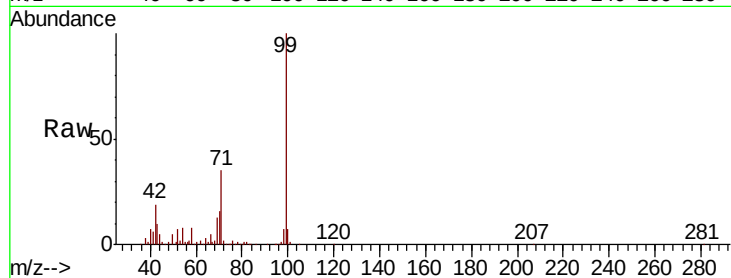
Tot Ion: 99 Resp: 631280

Ion Ratio Lower Upper

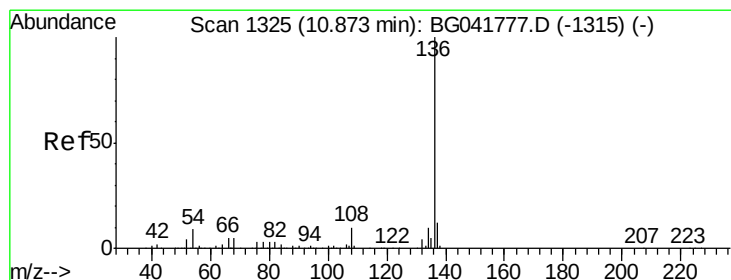
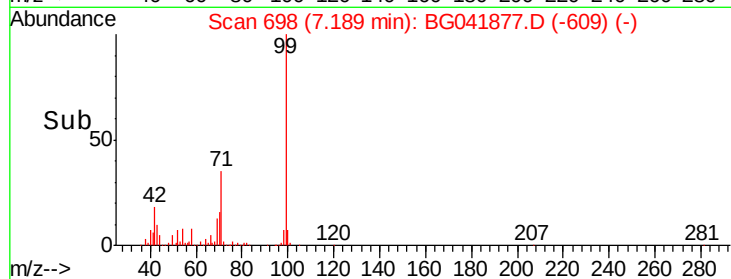
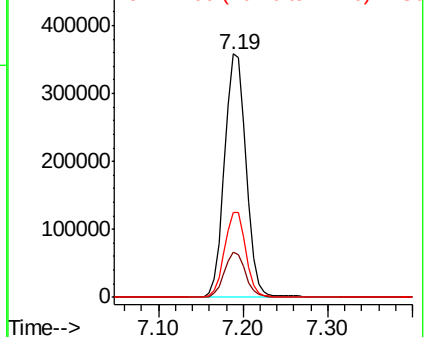
99 100

42 18.6 17.6 26.4

71 34.6 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: BG041877.D

Acq: 1 Aug 2019 23:53

Tgt Ion: 136 Resp: 301060

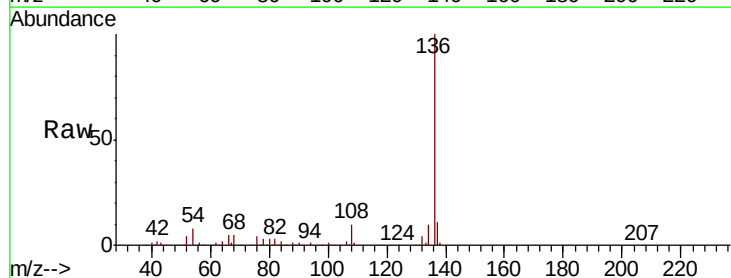
Ion Ratio Lower Upper

136 100

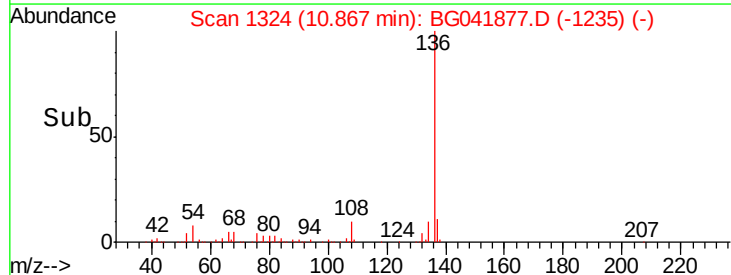
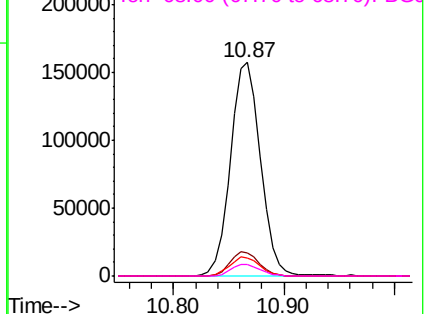
137 11.0 9.2 13.8

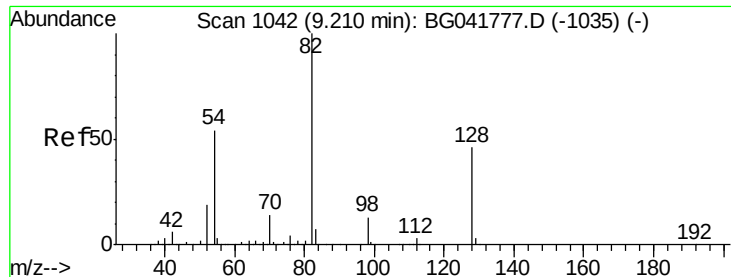
54 8.3 8.7 13.1#

68 5.1 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: 108.224 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Instrument :

BNA_G

ClientSampled :

TP-8

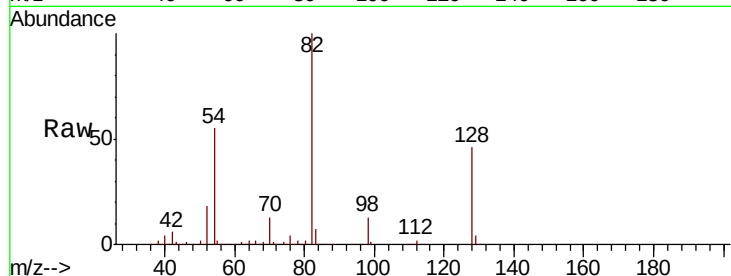
Tot Ion: 82 Resp: 473465

Ion Ratio Lower Upper

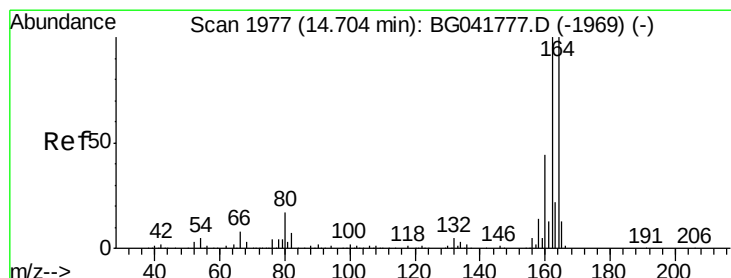
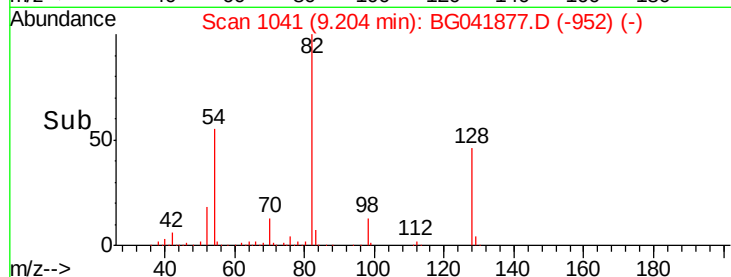
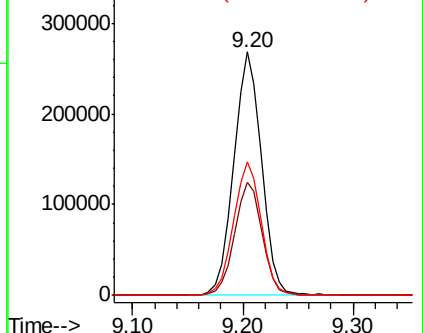
82 100

128 46.3 35.1 52.7

54 54.8 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: BG041877.D

Acq: 1 Aug 2019 23:53

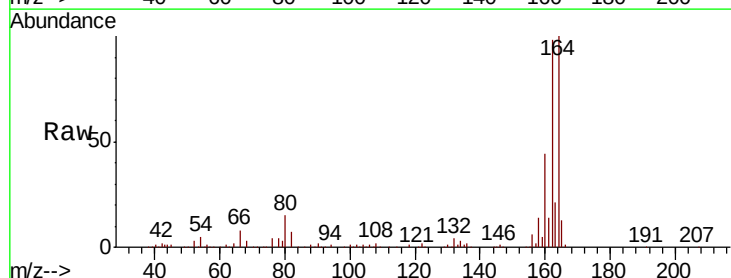
Tgt Ion:164 Resp: 202953

Ion Ratio Lower Upper

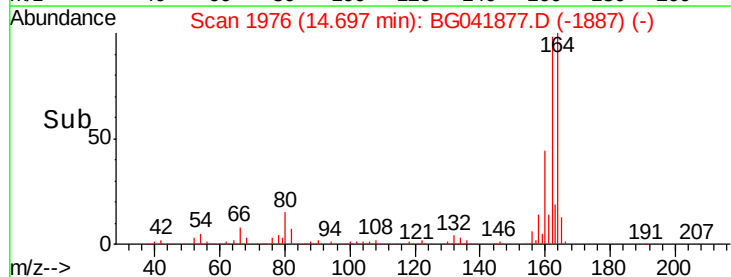
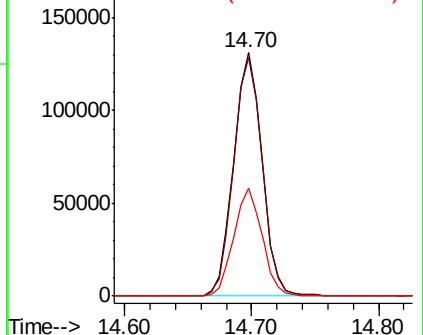
164 100

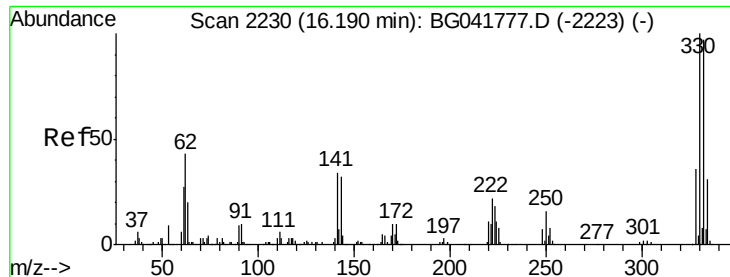
162 98.2 79.6 119.4

160 44.1 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

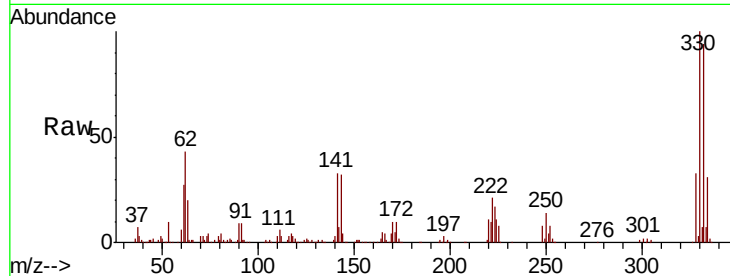




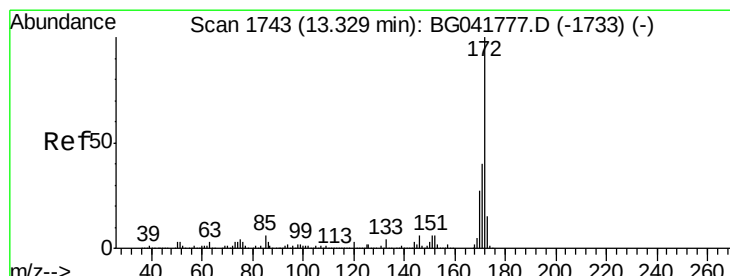
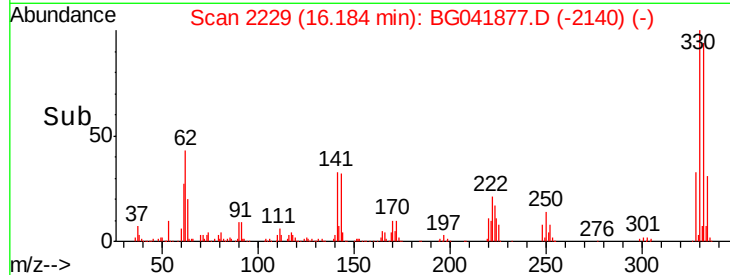
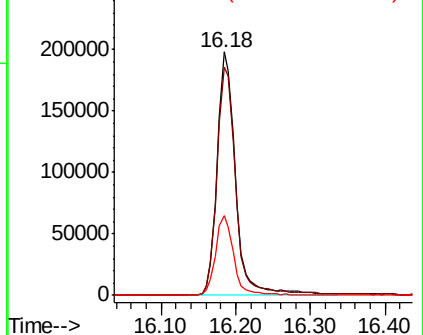
#42
 2,4,6-Tribromophenol
 Concen: 147.935 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Instrument :
 BNA_G
 ClientSampled :
 TP-8

Tot Ion:330 Resp: 341031
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 32.0 31.9 47.9

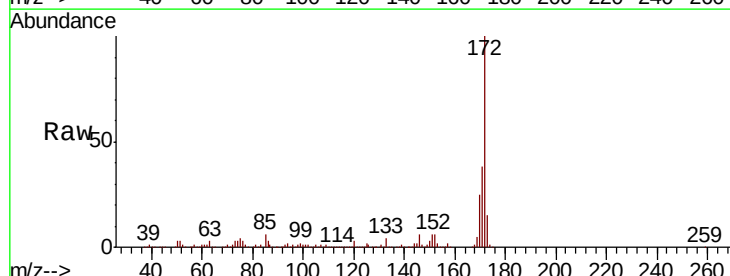


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

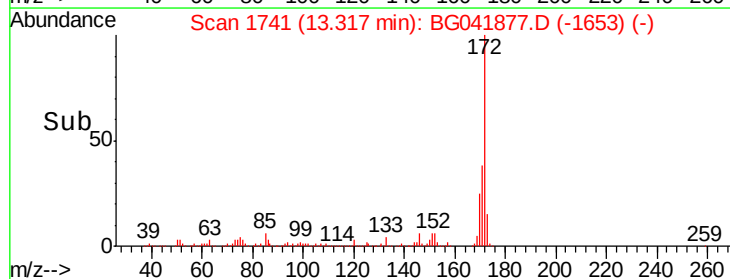
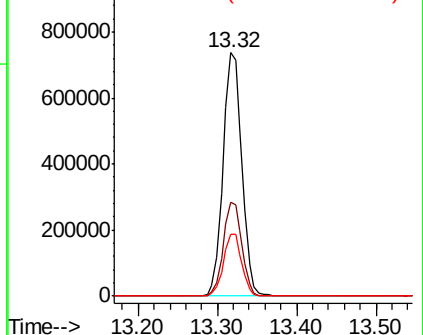


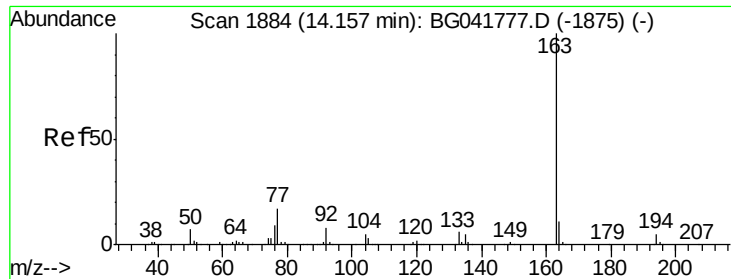
#45
 2-Fluorobiphenyl
 Concen: 104.625 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041877.D
 Acq: 1 Aug 2019 23:53

Tgt Ion:172 Resp: 1203927
 Ion Ratio Lower Upper
 172 100
 171 38.5 35.0 52.4
 170 25.3 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





#50

Dimethylphthalate

Concen: 6.089 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Instrument :

BNA_G

ClientSampleId :

TP-8

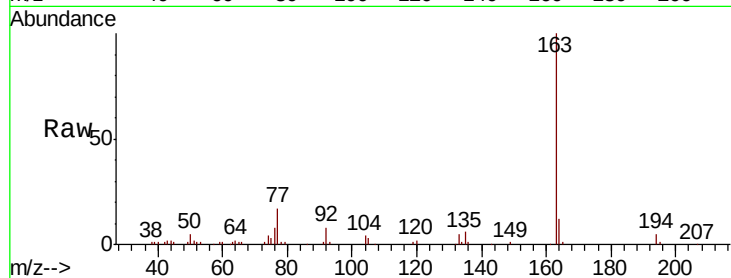
Tot Ion:163 Resp: 84400

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

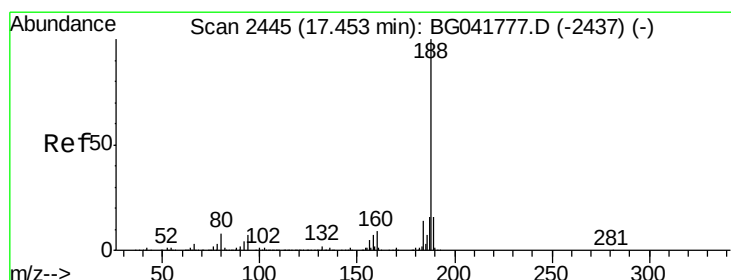
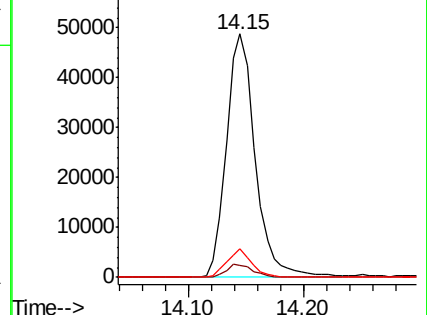
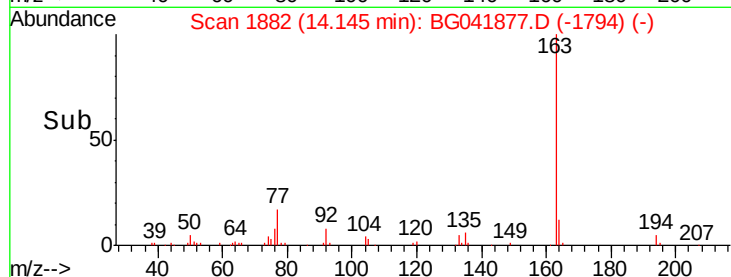
164 11.6 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

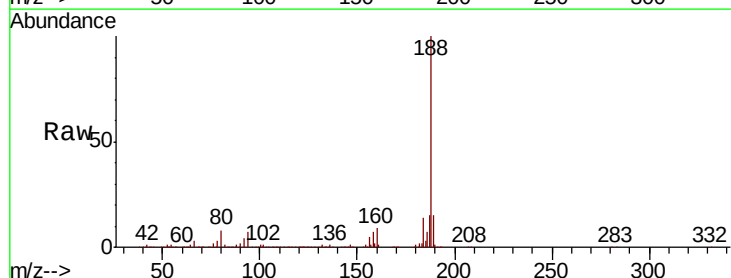
Tgt Ion:188 Resp: 466879

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

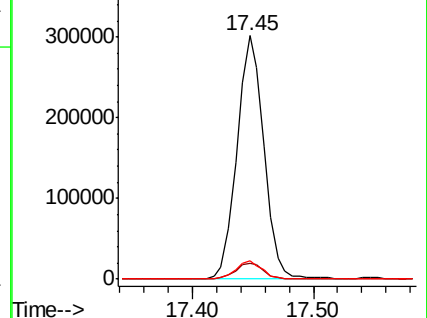
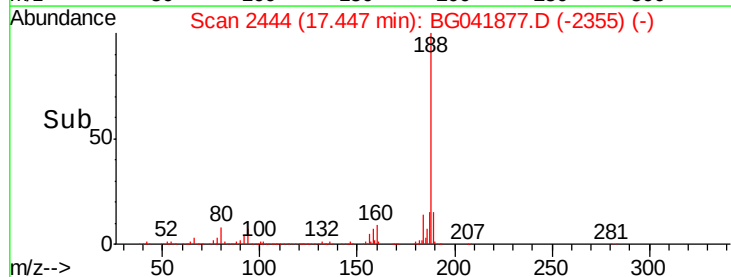
80 7.5 8.0 12.0#

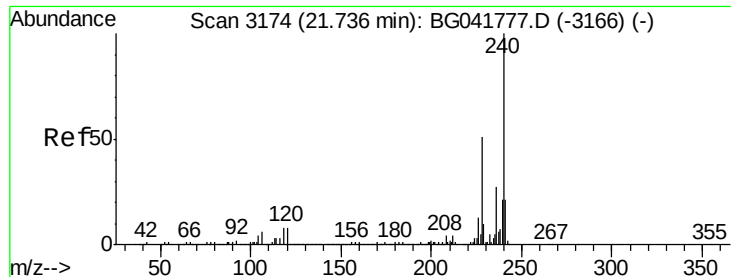


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

Instrument :

BNA_G

ClientSampleId :

TP-8

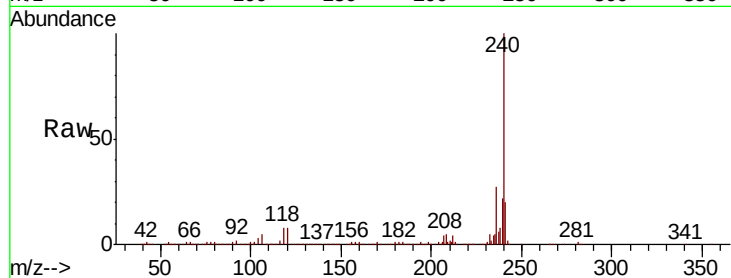
Tot Ion:240 Resp: 639219

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

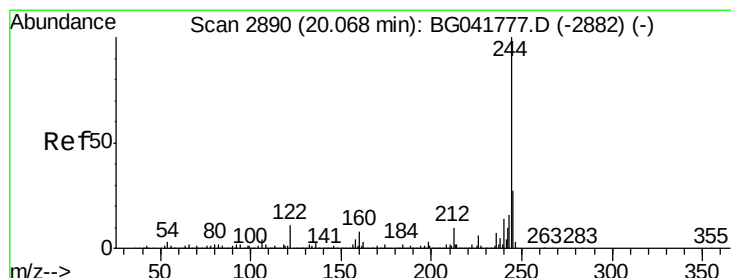
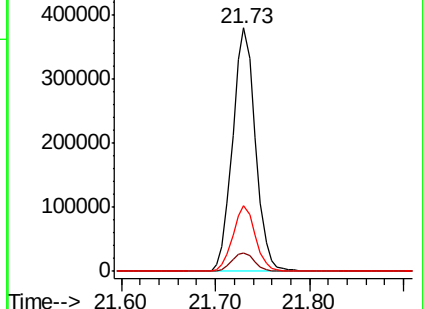
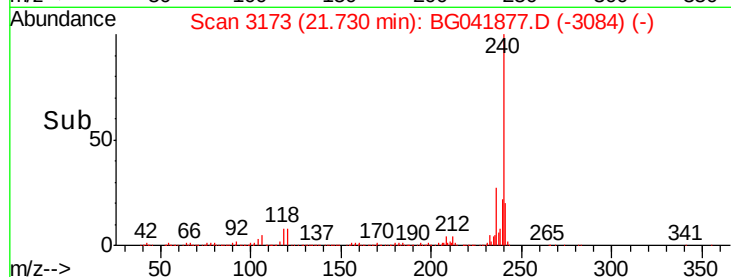
236 26.8 22.6 33.8



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: 81.307 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041877.D

Acq: 1 Aug 2019 23:53

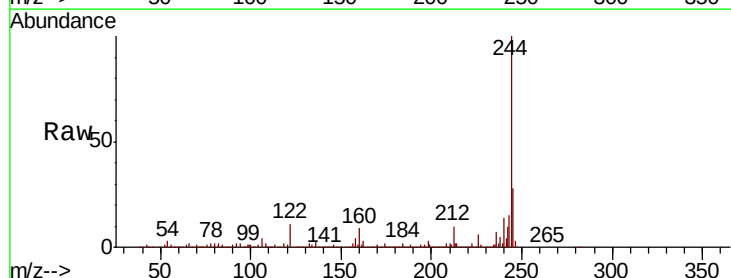
Tgt Ion:244 Resp: 2271280

Ion Ratio Lower Upper

244 100

212 9.8 9.7 14.5

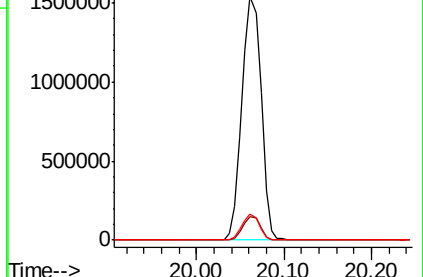
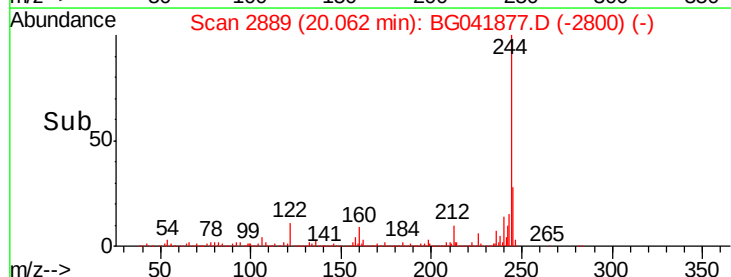
122 10.9 12.5 18.7#

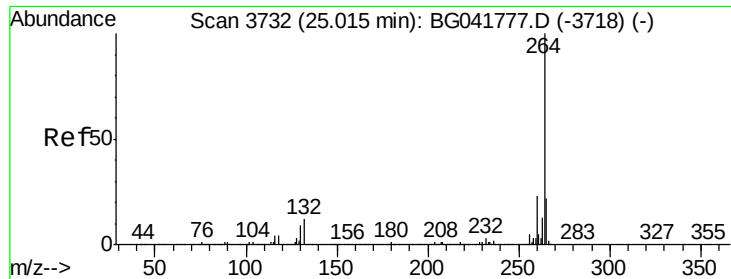


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041877.D
Acq: 1 Aug 2019 23:53

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	18.0	27.0

