

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041747.D
 Acq On : 22 Jul 2019 13:26
 Operator : HP/JU
 Sample : K3916-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-3

Quant Time: Jul 23 05:56:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

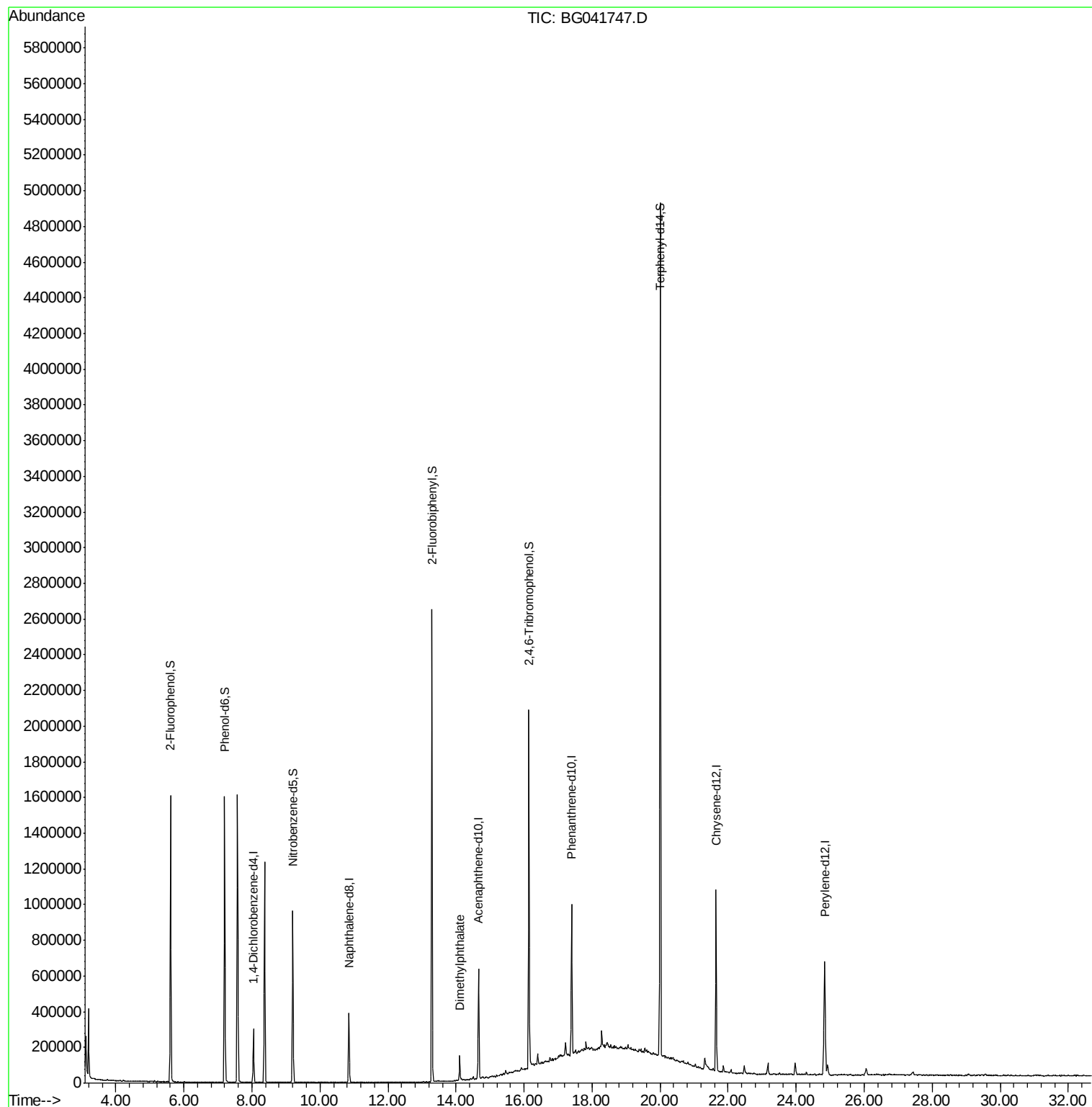
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89760	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	345958	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	239802	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	537681	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	612298	20.00	ng	-0.02
87) Perylene-d12	24.83	264	707345	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	690202	125.70	ng	0.00
7) Phenol-d6	7.20	99	935534	126.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	554358	97.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	417885	154.63	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1393976	90.01	ng	-0.01
79) Terphenyl-d14	20.00	244	2199969	83.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	101717	5.401	ng	Qvalue # 97

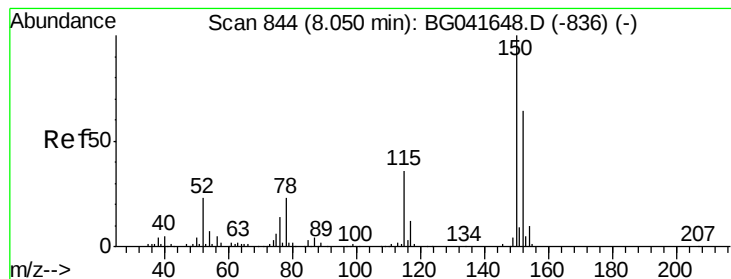
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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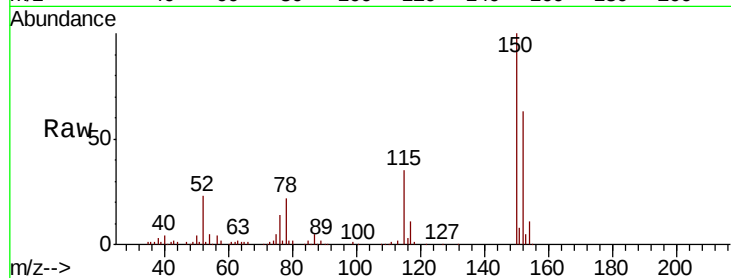


#1

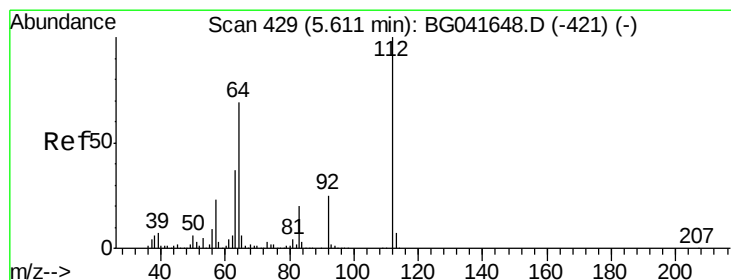
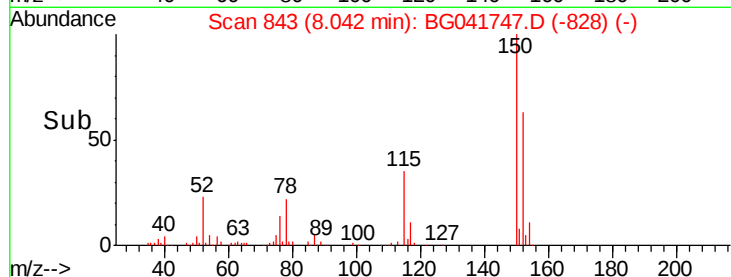
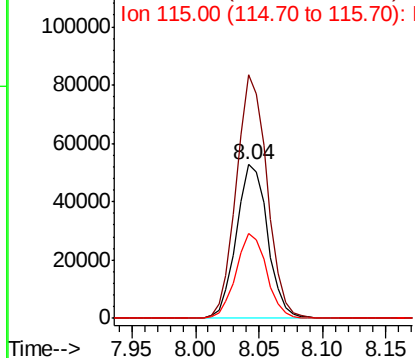
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041747.D
Acq: 22 Jul 2019 13:26

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-3

Tot Ion:152 Resp: 89760
Ion Ratio Lower Upper
152 100
150 158.5 126.9 190.3
115 55.4 45.0 67.6



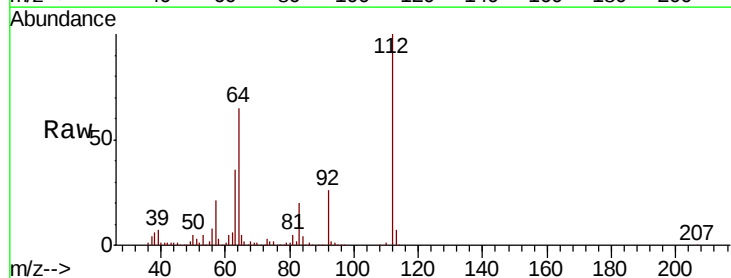
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



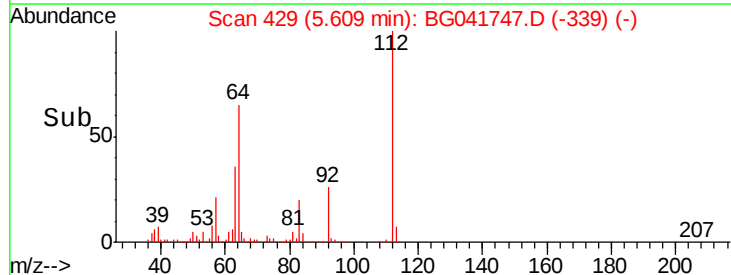
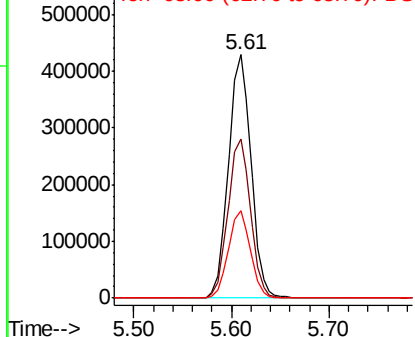
#5

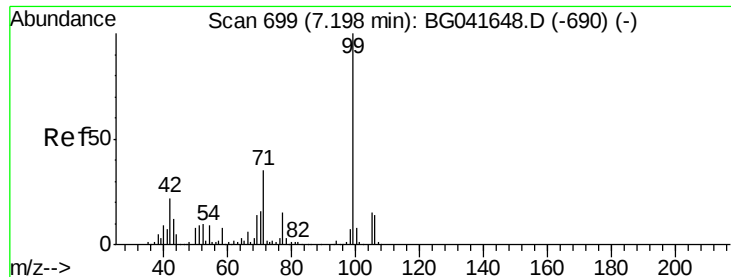
2-Fluorophenol
Concen: 125.703 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041747.D
Acq: 22 Jul 2019 13:26

Tgt Ion:112 Resp: 690202
Ion Ratio Lower Upper
112 100
64 65.2 55.4 83.2
63 35.9 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: 126.675 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041747.D

Acq: 22 Jul 2019 13:26

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-3

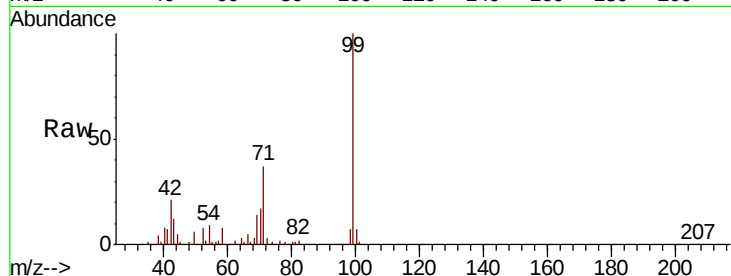
Tot Ion: 99 Resp: 935534

Ion Ratio Lower Upper

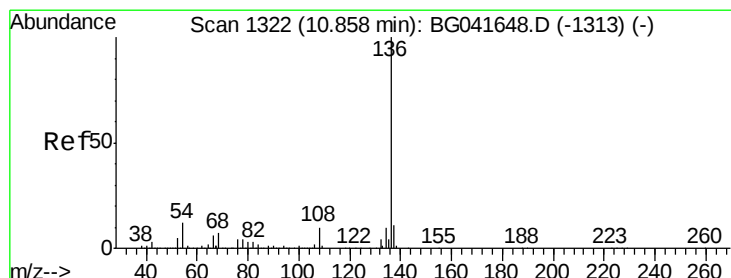
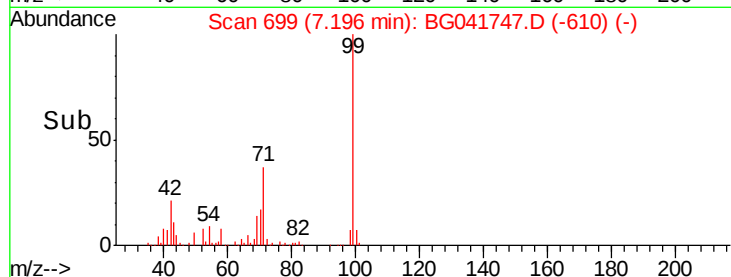
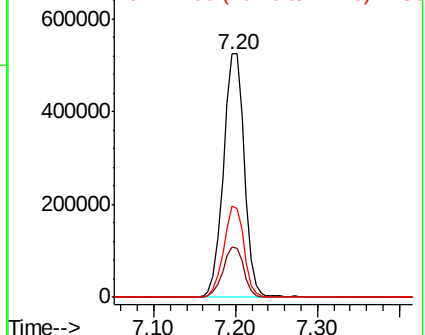
99 100

42 20.9 17.6 26.4

71 37.2 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041747.D

Acq: 22 Jul 2019 13:26

Tgt Ion: 136 Resp: 345958

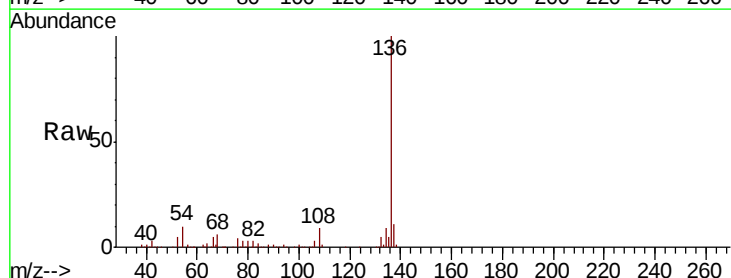
Ion Ratio Lower Upper

136 100

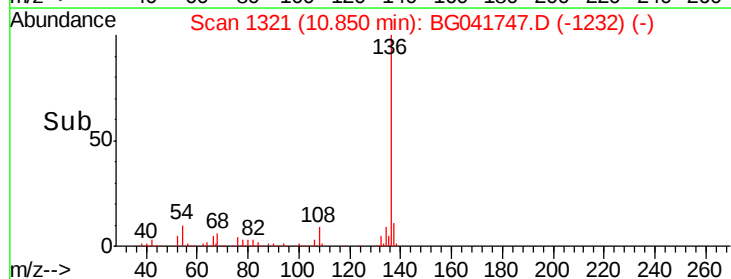
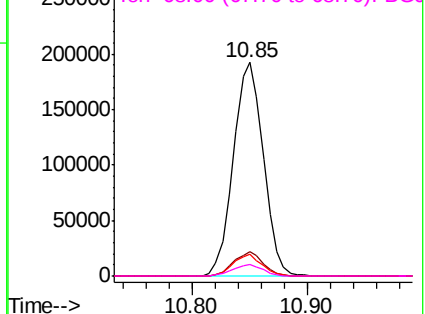
137 11.2 9.2 13.8

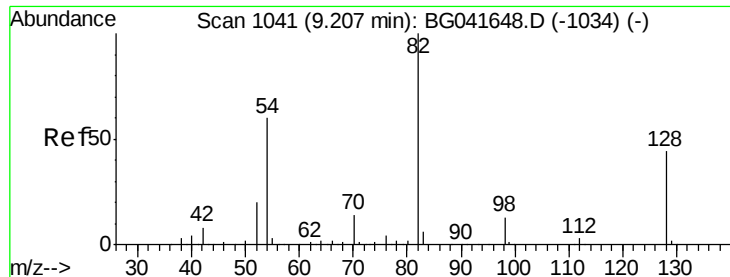
54 10.2 8.7 13.1

68 5.6 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

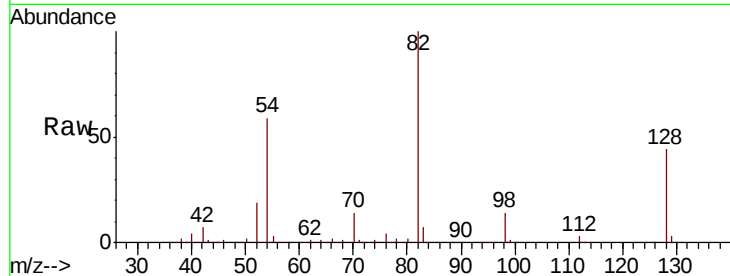




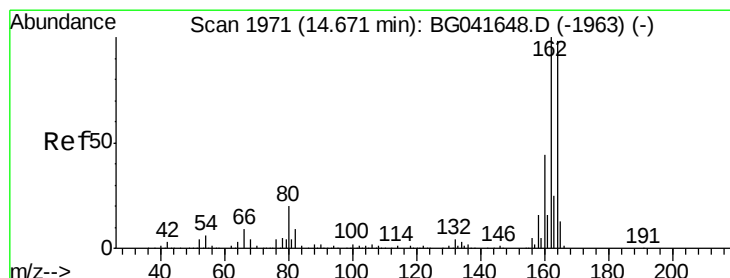
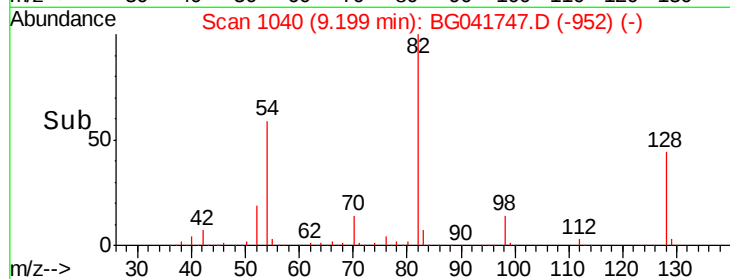
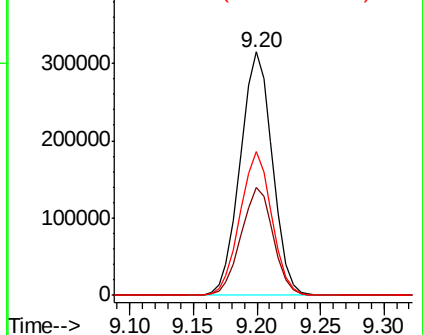
#23
Nitrobenzene-d5
Concen: 97.449 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041747.D
Acq: 22 Jul 2019 13:26

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-3

Tot Ion: 82 Resp: 554358
Ion Ratio Lower Upper
82 100
128 44.2 35.1 52.7
54 59.2 48.7 73.1

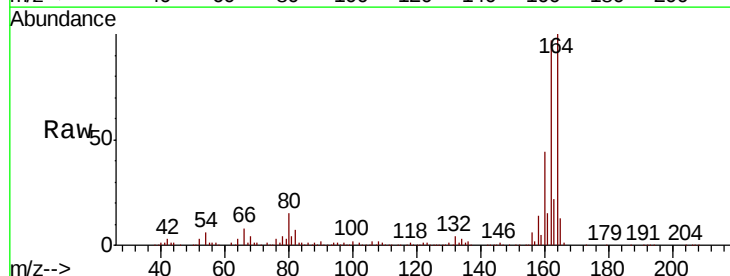


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

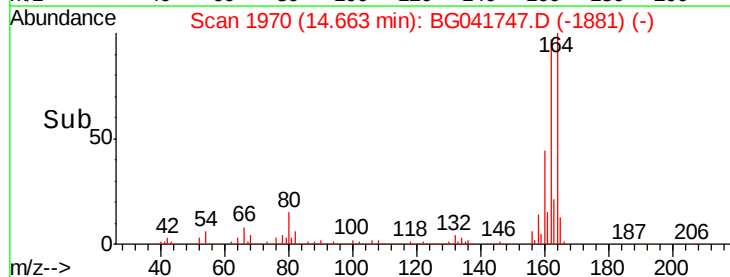
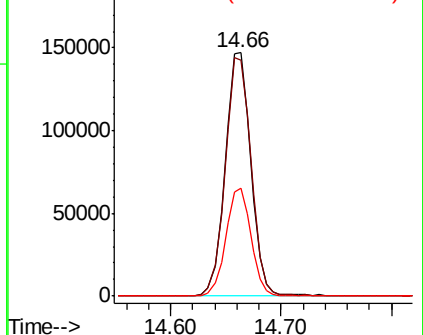


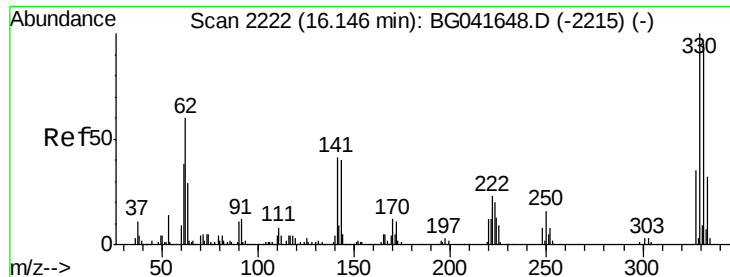
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041747.D
Acq: 22 Jul 2019 13:26

Tgt Ion: 164 Resp: 239802
Ion Ratio Lower Upper
164 100
162 96.9 79.6 119.4
160 44.2 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

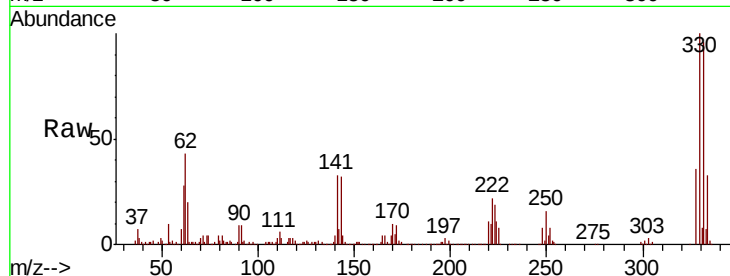




#42
 2,4,6-Tribromophenol
 Concen: 154.627 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041747.D
 Acq: 22 Jul 2019 13:26

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	34.5	31.9	47.9

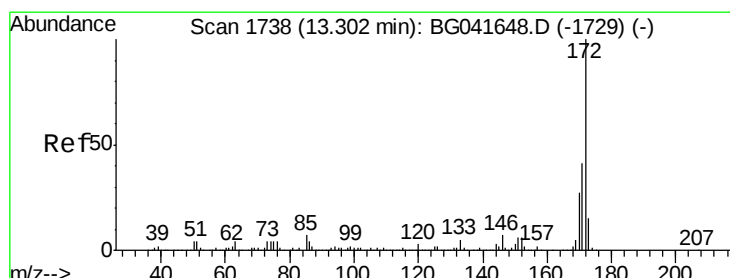
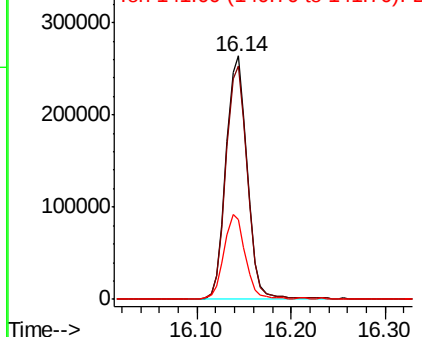
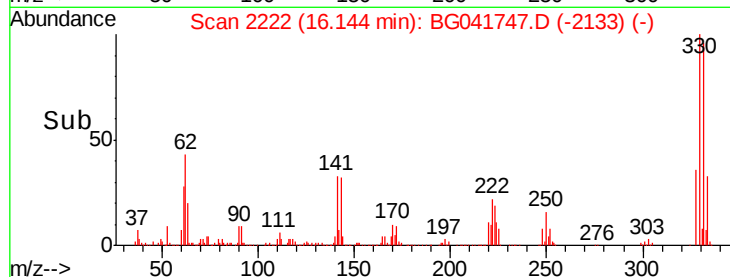


Abundance

Ion 329.80 (329.50 to 330.50): E

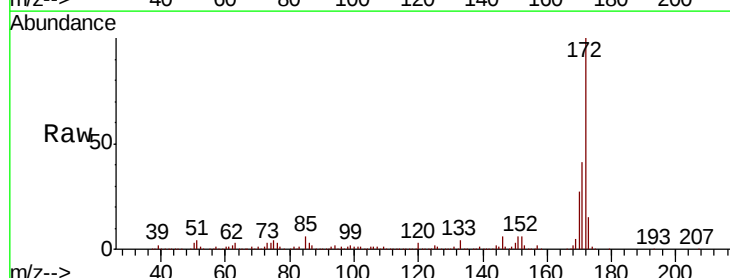
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.015 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041747.D
 Acq: 22 Jul 2019 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	26.5	23.5	35.3

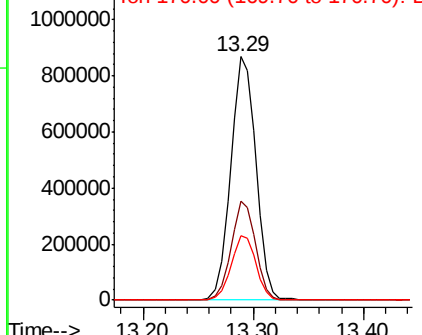
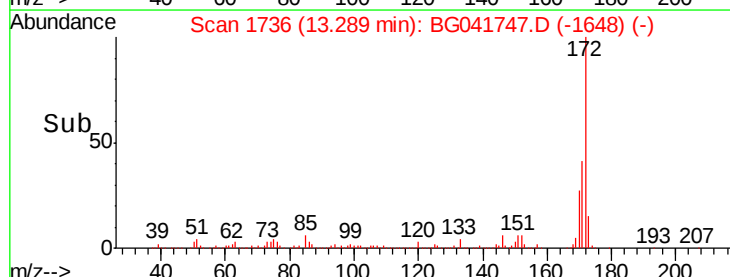


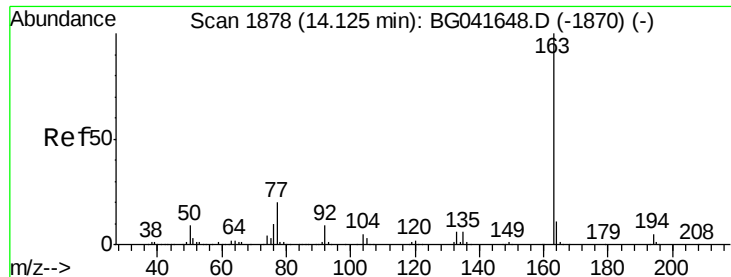
Abundance

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





#50

Dimethylphthalate

Concen: 5.401 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041747.D

Acq: 22 Jul 2019 13:26

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-3

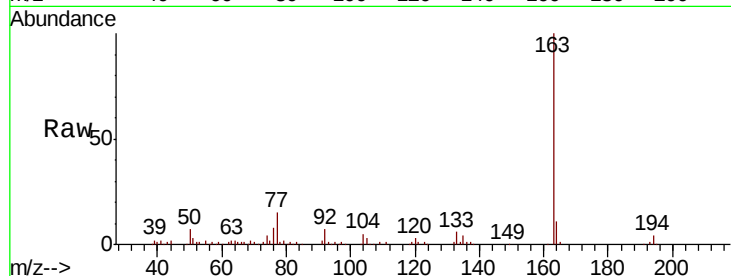
Tot Ion:163 Resp: 101717

Ion Ratio Lower Upper

163 100

194 4.1 4.2 6.2#

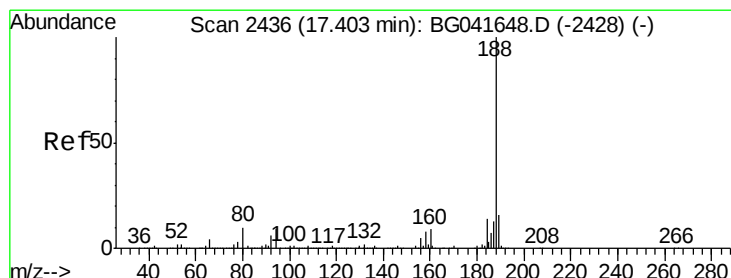
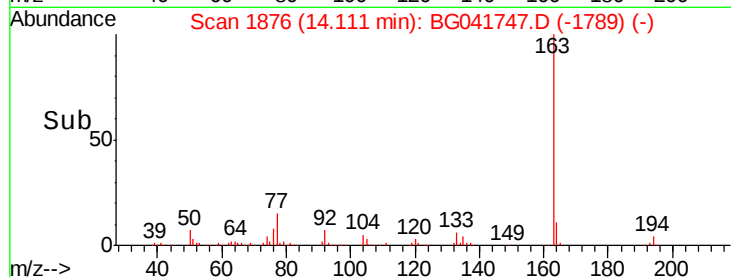
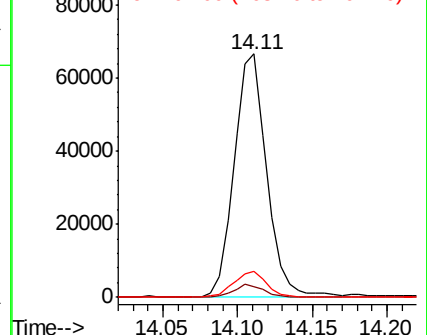
164 10.6 9.4 14.2



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041747.D

Acq: 22 Jul 2019 13:26

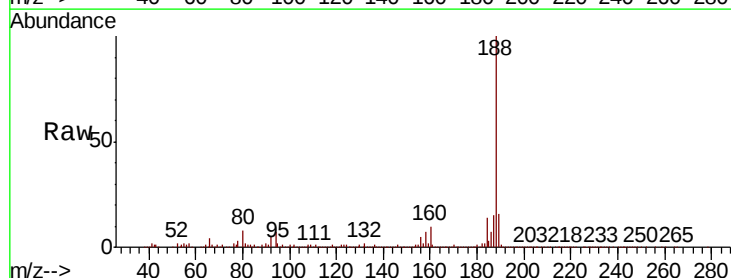
Tgt Ion:188 Resp: 537681

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

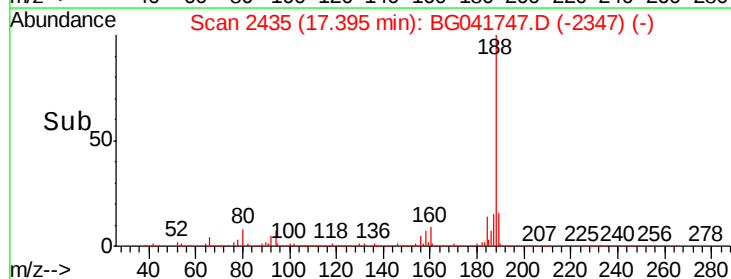
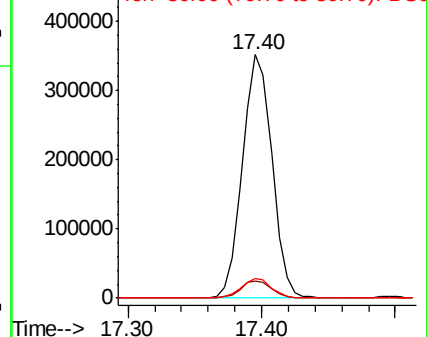
80 8.3 8.0 12.0

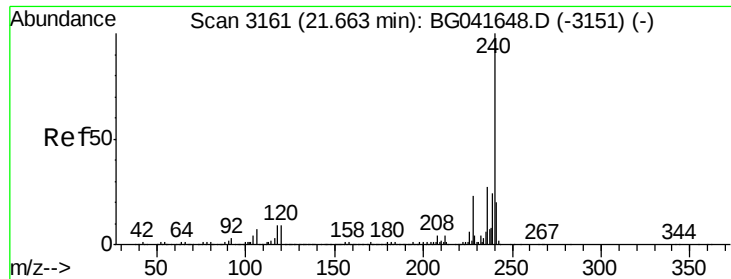


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041747.D

Acq: 22 Jul 2019 13:26

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-3

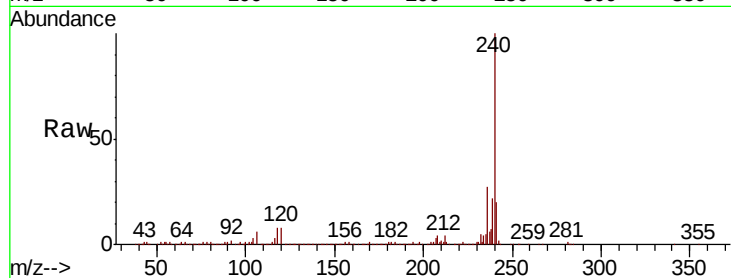
Tot Ion:240 Resp: 612298

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

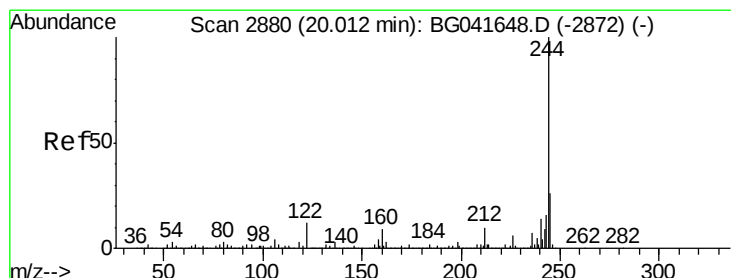
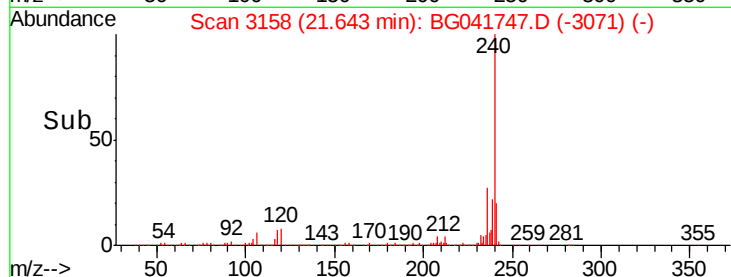
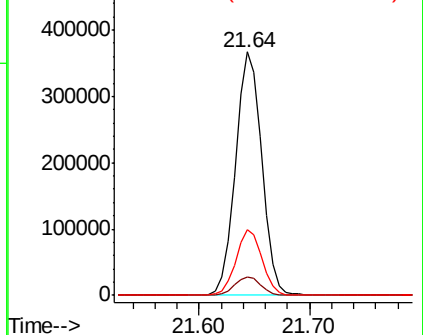
236 27.1 22.6 33.8



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: 83.963 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041747.D

Acq: 22 Jul 2019 13:26

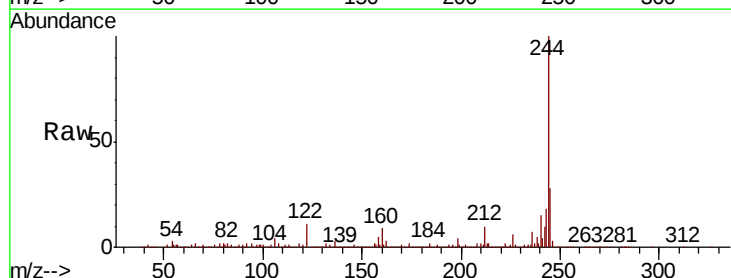
Tgt Ion:244 Resp: 2199969

Ion Ratio Lower Upper

244 100

212 10.4 9.7 14.5

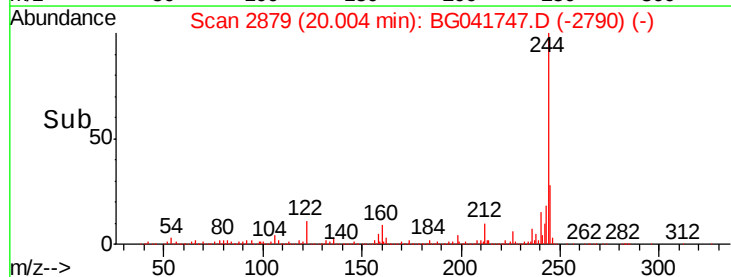
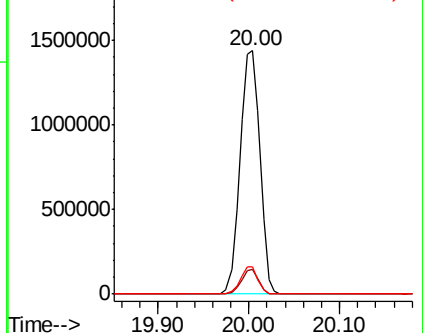
122 11.1 12.5 18.7#

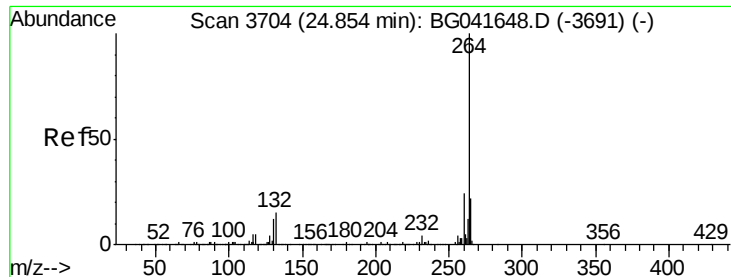


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041747.D
Acq: 22 Jul 2019 13:26

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.6	18.0	27.0

