

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041748.D
 Acq On : 22 Jul 2019 14:05
 Operator : HP/JU
 Sample : K3916-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2

Quant Time: Jul 23 06:00:44 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

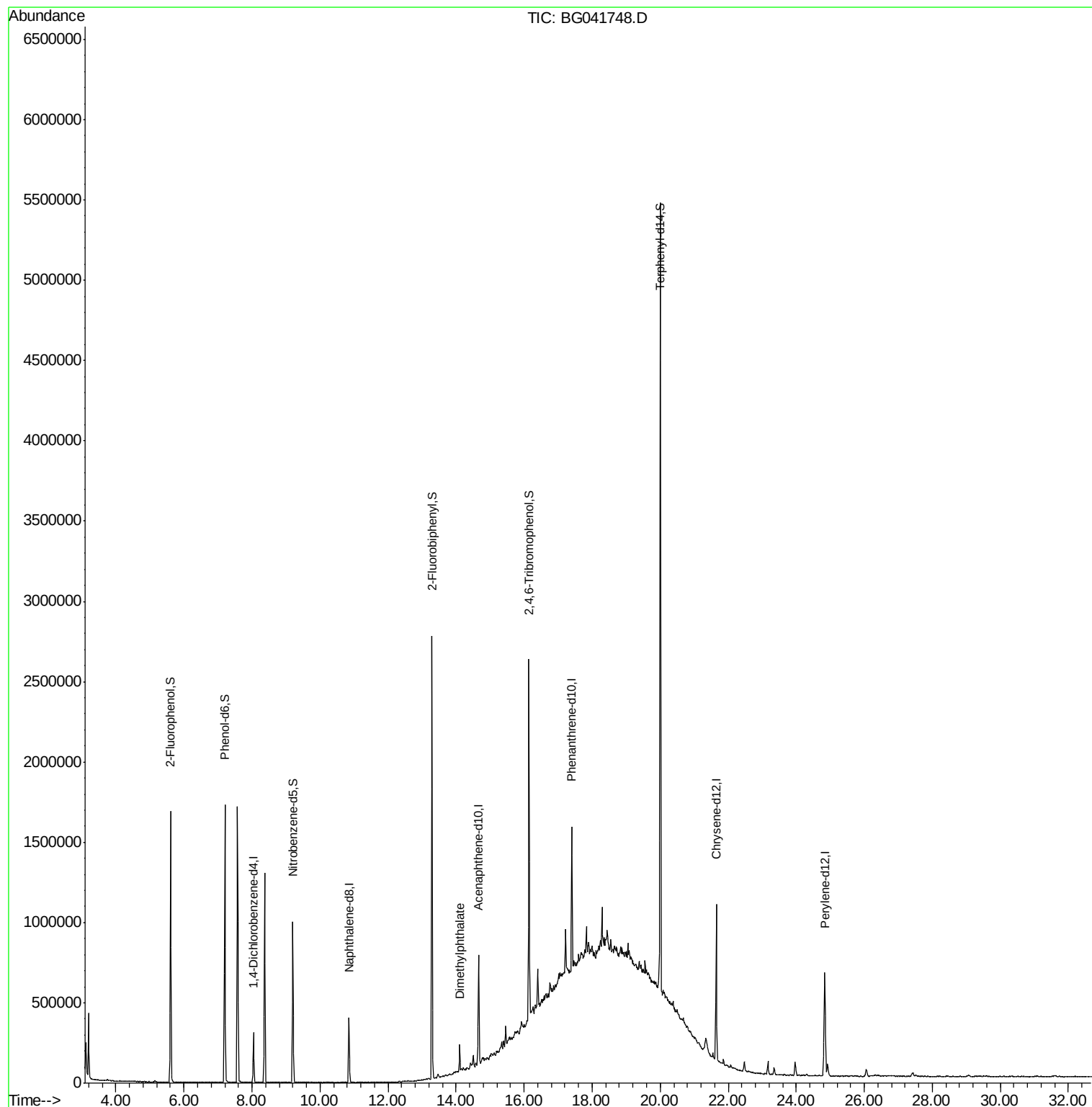
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	93614	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	369393	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	250255	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	550178	20.00	ng	0.00
76) Chrysene-d12	21.65	240	608548	20.00	ng	-0.01
87) Perylene-d12	24.84	264	711619	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	716345	125.09	ng	0.00
7) Phenol-d6	7.20	99	988002	128.27	ng	0.00
23) Nitrobenzene-d5	9.20	82	593715	97.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	450004	159.56	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1472168	91.09	ng	0.00
79) Terphenyl-d14	20.00	244	2184975	83.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	107652	5.477	ng	Qvalue 97

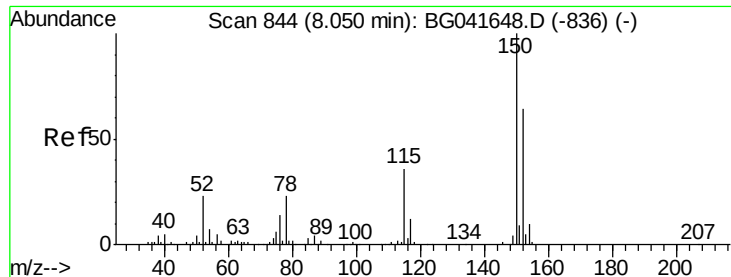
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041748.D

Acq: 22 Jul 2019 14:05

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2

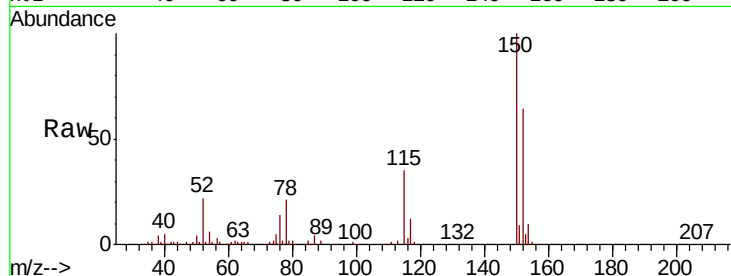
Tot Ion:152 Resp: 93614

Ion Ratio Lower Upper

152 100

150 155.3 126.9 190.3

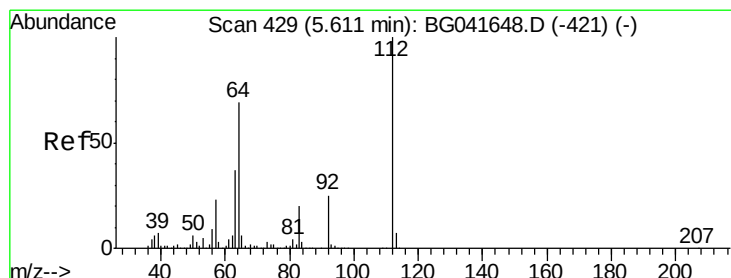
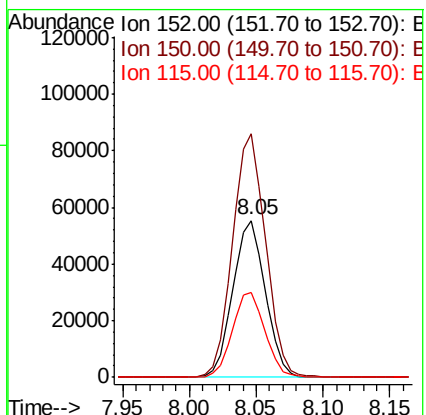
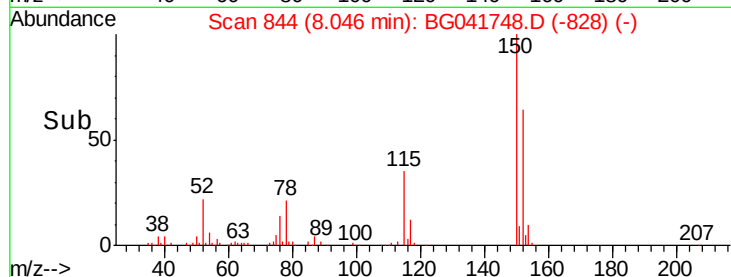
115 54.4 45.0 67.6



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: 125.093 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041748.D

Acq: 22 Jul 2019 14:05

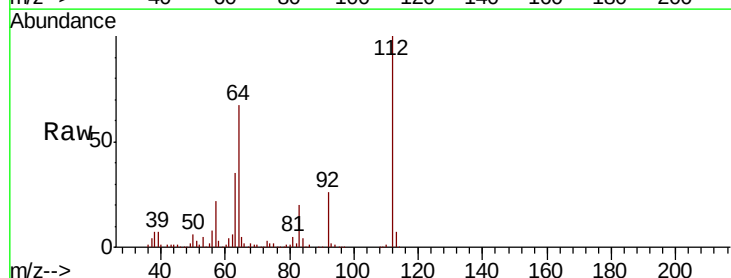
Tgt Ion:112 Resp: 716345

Ion Ratio Lower Upper

112 100

64 67.5 55.4 83.2

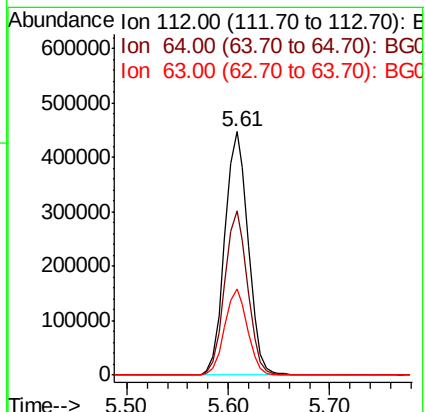
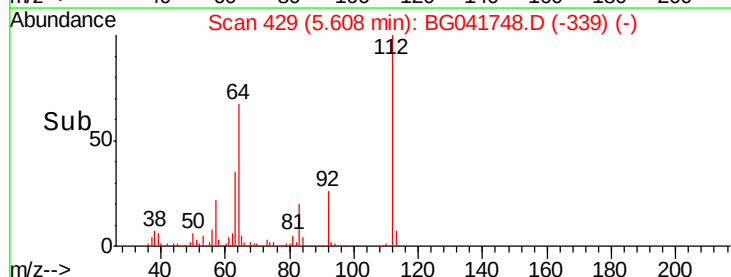
63 35.4 29.1 43.7

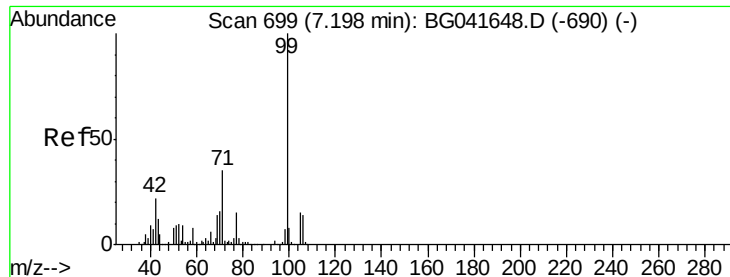


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 128.272 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041748.D

Acq: 22 Jul 2019 14:05

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2

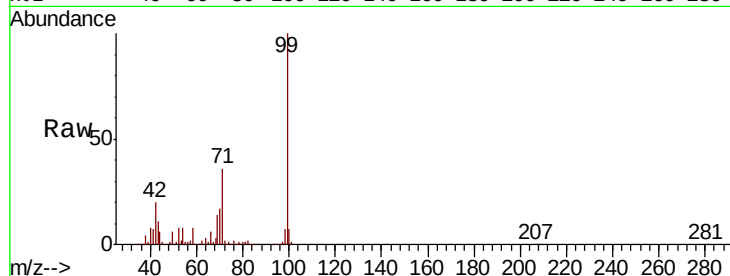
Tot Ion: 99 Resp: 988002

Ion Ratio Lower Upper

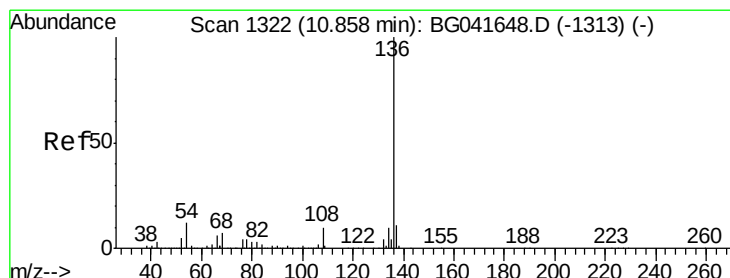
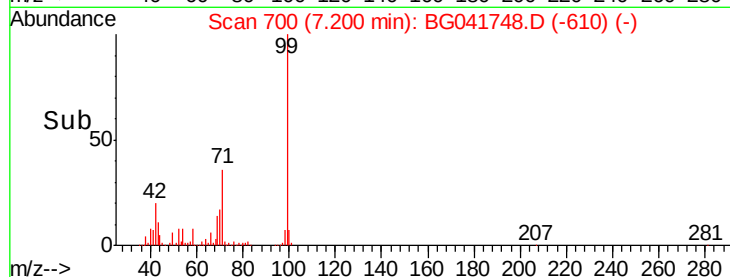
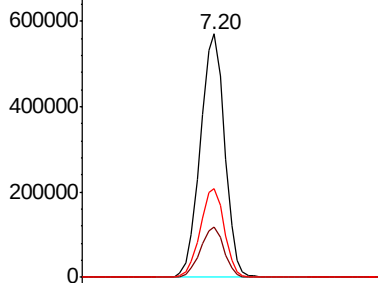
99 100

42 20.5 17.6 26.4

71 36.4 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041748.D

Acq: 22 Jul 2019 14:05

Tgt Ion: 136 Resp: 369393

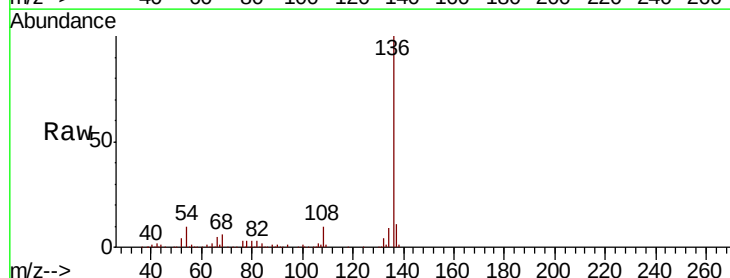
Ion Ratio Lower Upper

136 100

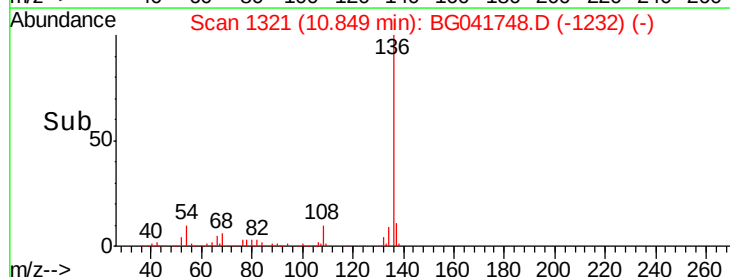
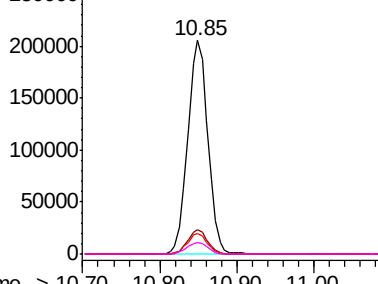
137 11.4 9.2 13.8

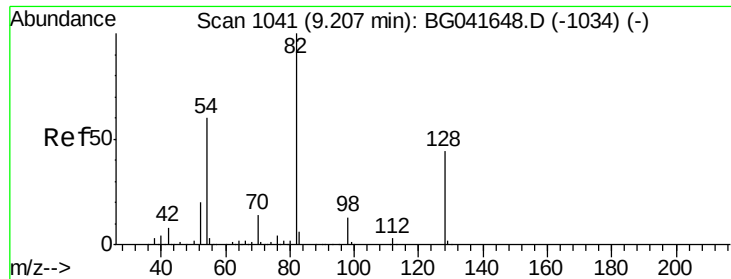
54 9.7 8.7 13.1

68 5.7 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

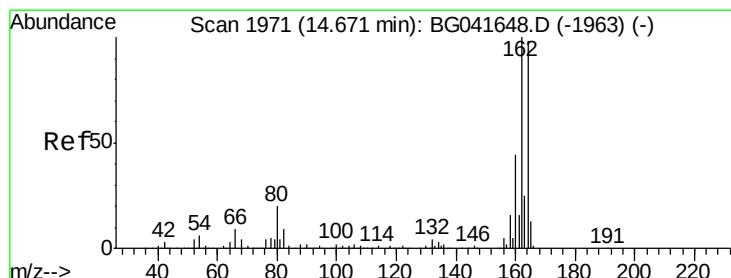
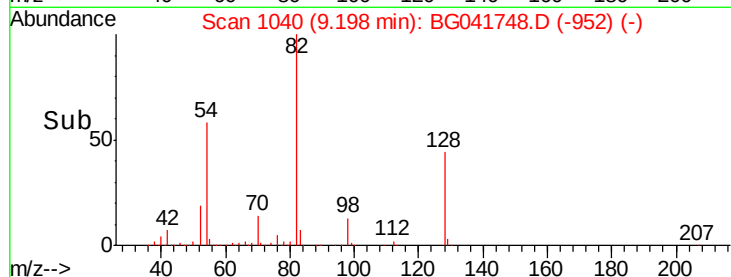
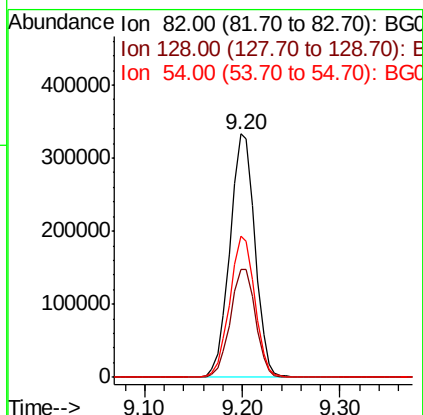
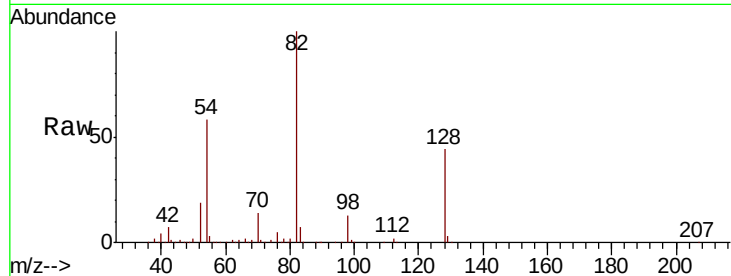




#23
Nitrobenzene-d5
Concen: 97.746 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041748.D
Acq: 22 Jul 2019 14:05

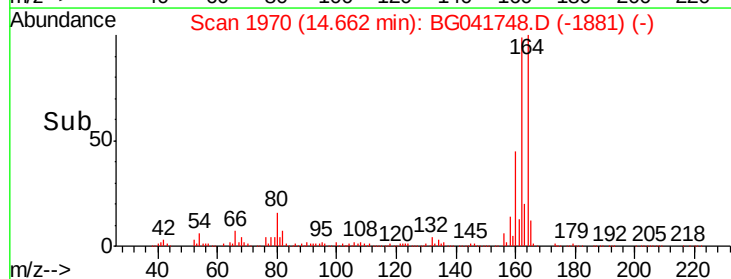
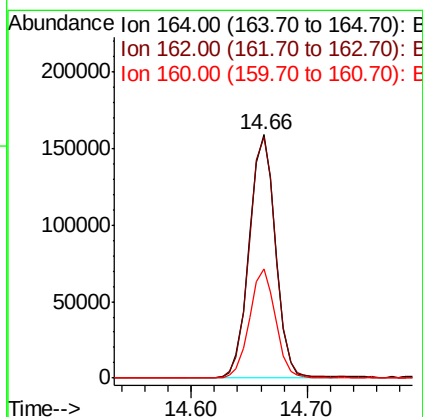
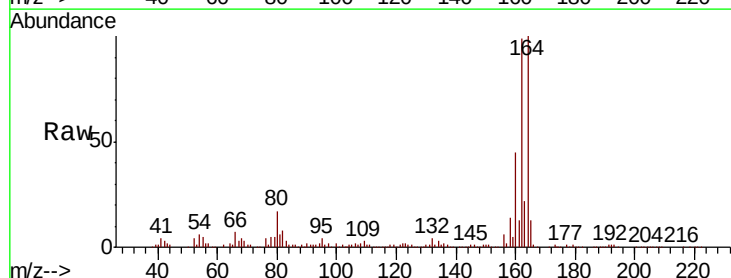
Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2

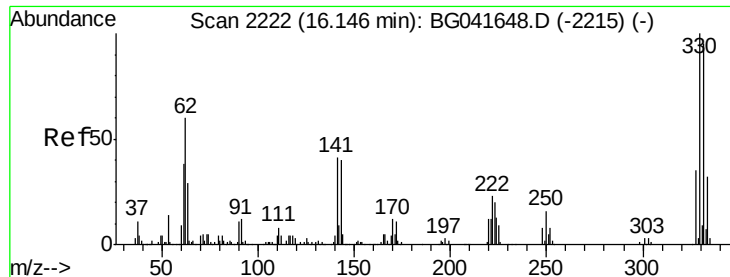
Tot Ion	82	Resp	593715
Ion Ratio	100	Lower	Upper
128	44.2	35.1	52.7
54	58.0	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041748.D
Acq: 22 Jul 2019 14:05

Tgt Ion	164	Resp	250255
Ion Ratio	100	Lower	Upper
162	98.9	79.6	119.4
160	44.6	35.4	53.0

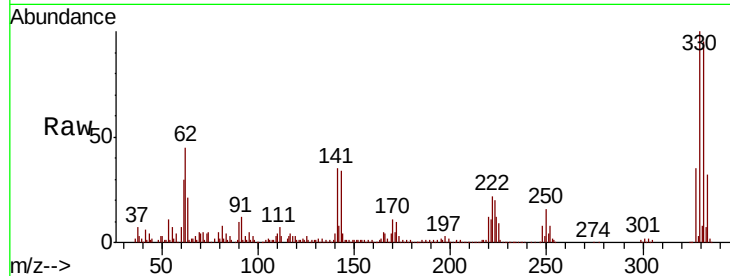




#42
 2,4,6-Tribromophenol
 Concen: 159.557 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041748.D
 Acq: 22 Jul 2019 14:05

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	34.6	31.9	47.9

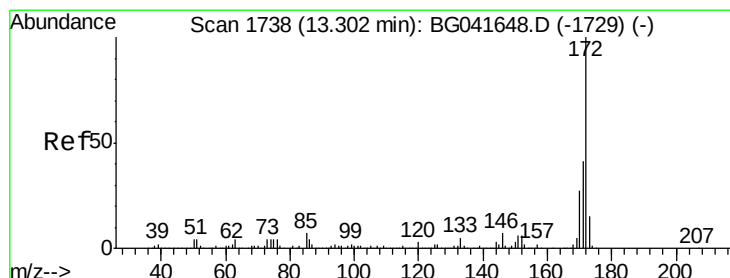
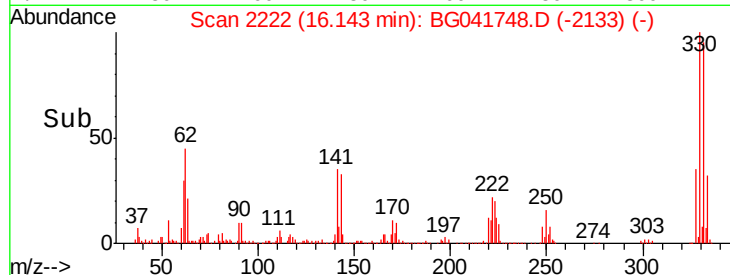
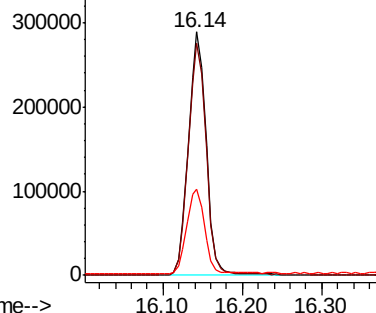


Abundance

Ion 329.80 (329.50 to 330.50): E

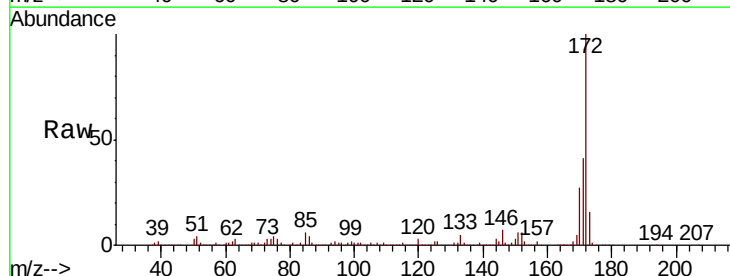
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.093 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041748.D
 Acq: 22 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	26.6	23.5	35.3

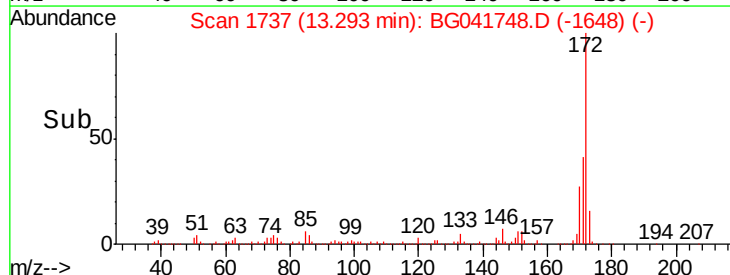
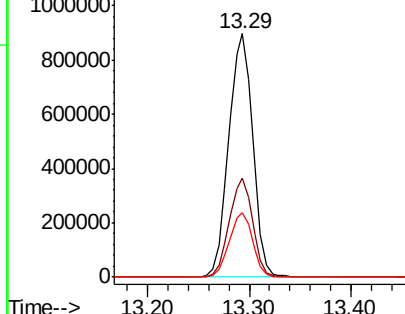


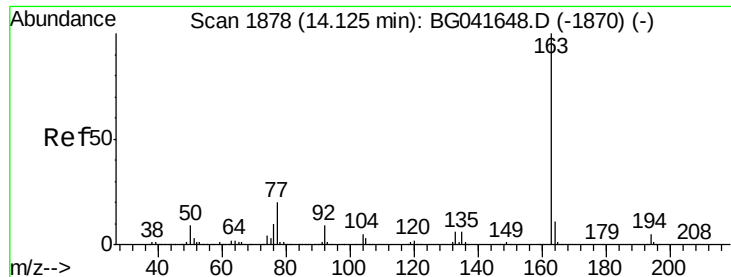
Abundance

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

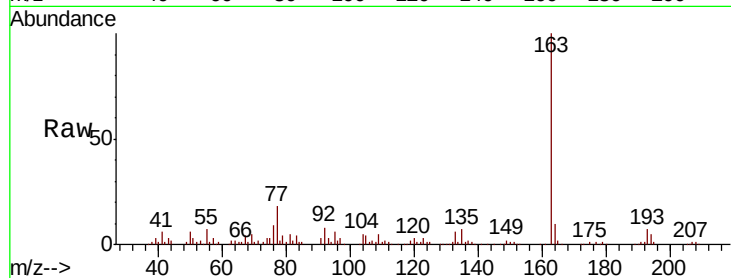




#50
Dimethylphthalate
Concen: 5.477 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041748.D
Acq: 22 Jul 2019 14:05

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.2	9.4	14.2

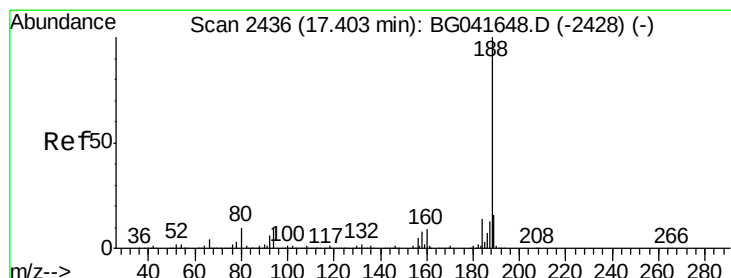
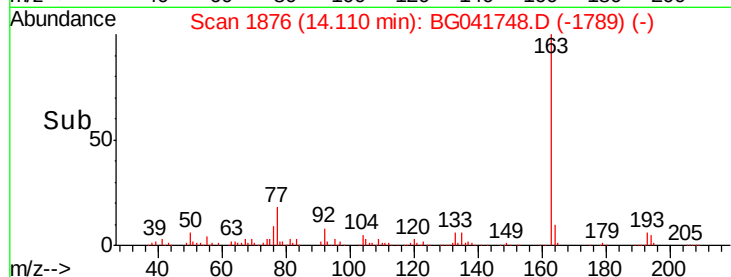
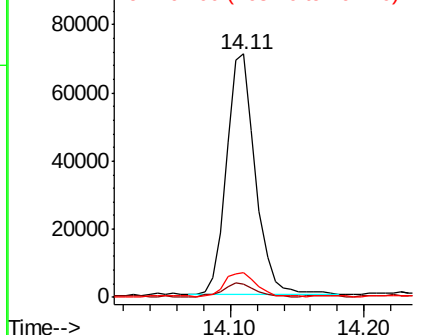


Abundance

Ion 163.00 (162.70 to 163.70): E

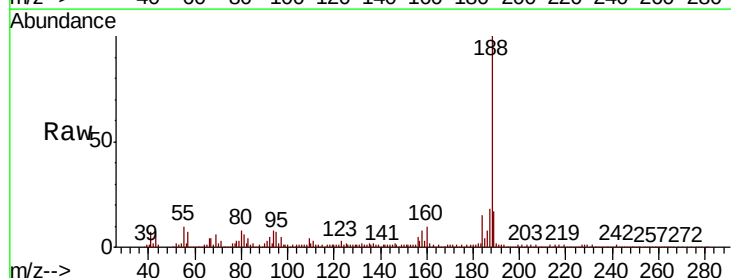
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041748.D
Acq: 22 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.0	8.0	12.0#

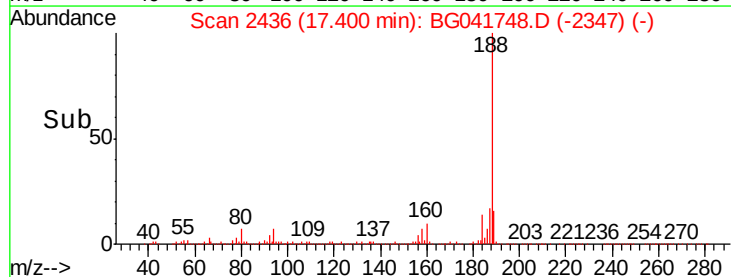
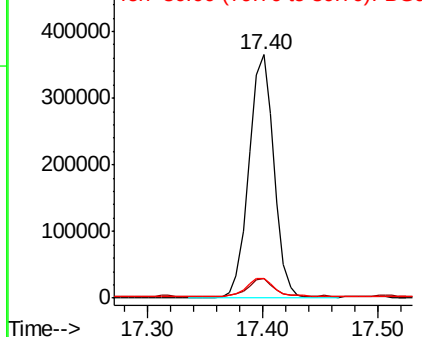


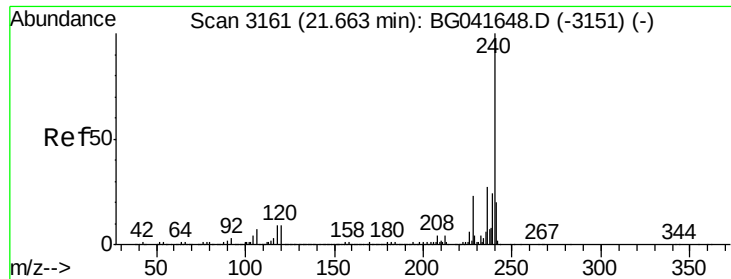
Abundance

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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041748.D

Acq: 22 Jul 2019 14:05

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2

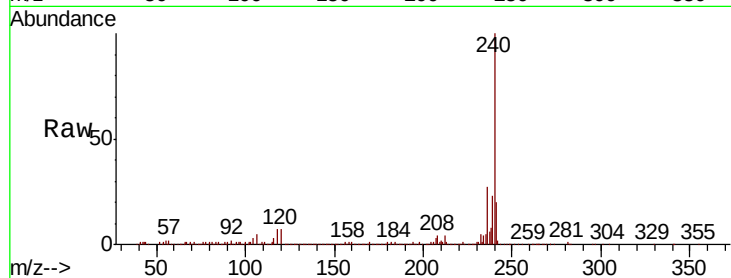
Tot Ion:240 Resp: 608548

Ion Ratio Lower Upper

240 100

120 7.4 8.0 12.0#

236 26.9 22.6 33.8

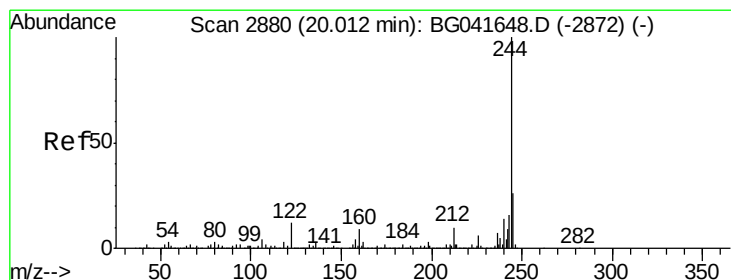
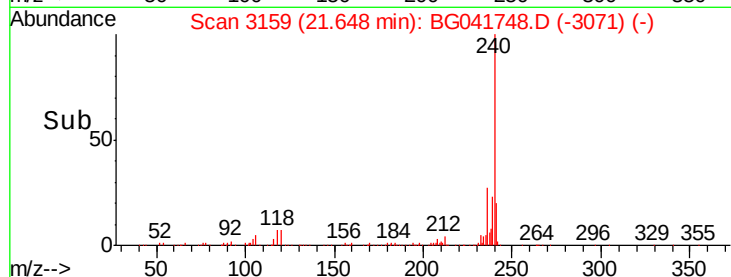
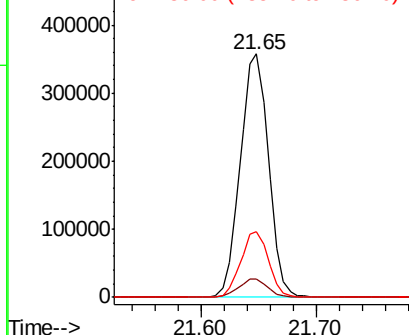


Abundance

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: 83.905 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041748.D

Acq: 22 Jul 2019 14:05

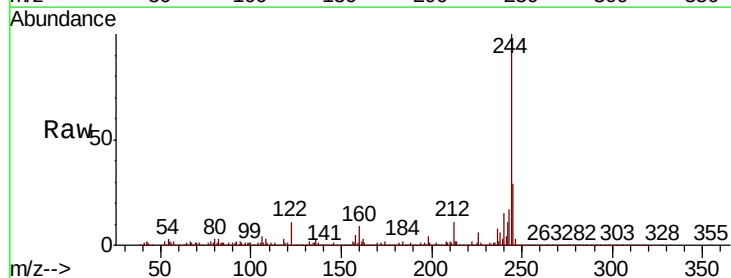
Tgt Ion:244 Resp: 2184975

Ion Ratio Lower Upper

244 100

212 10.6 9.7 14.5

122 11.2 12.5 18.7#

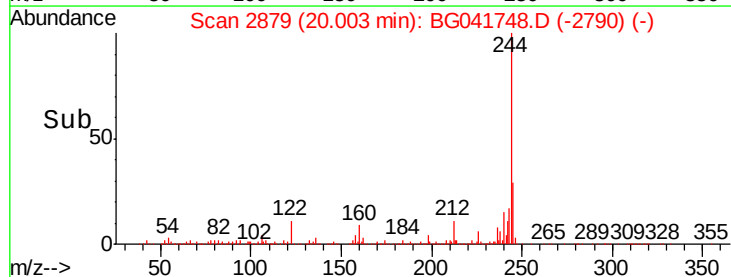
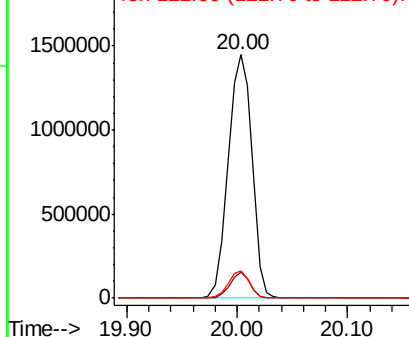


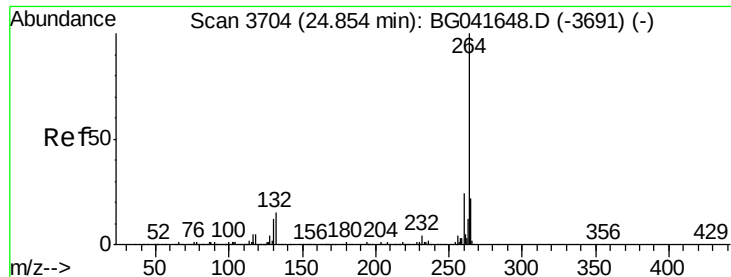
Abundance

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: 24.84 min Scan# 3702
Delta R.T. -0.03 min
Lab File: BG041748.D
Acq: 22 Jul 2019 14:05

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2

Tot Ion:	264	Resp:	711619
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.7	18.0	27.0

