

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041656.D
 Acq On : 15 Jul 2019 19:33
 Operator : HP/JU
 Sample : K3740-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-23

Quant Time: Jul 16 08:04:20 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

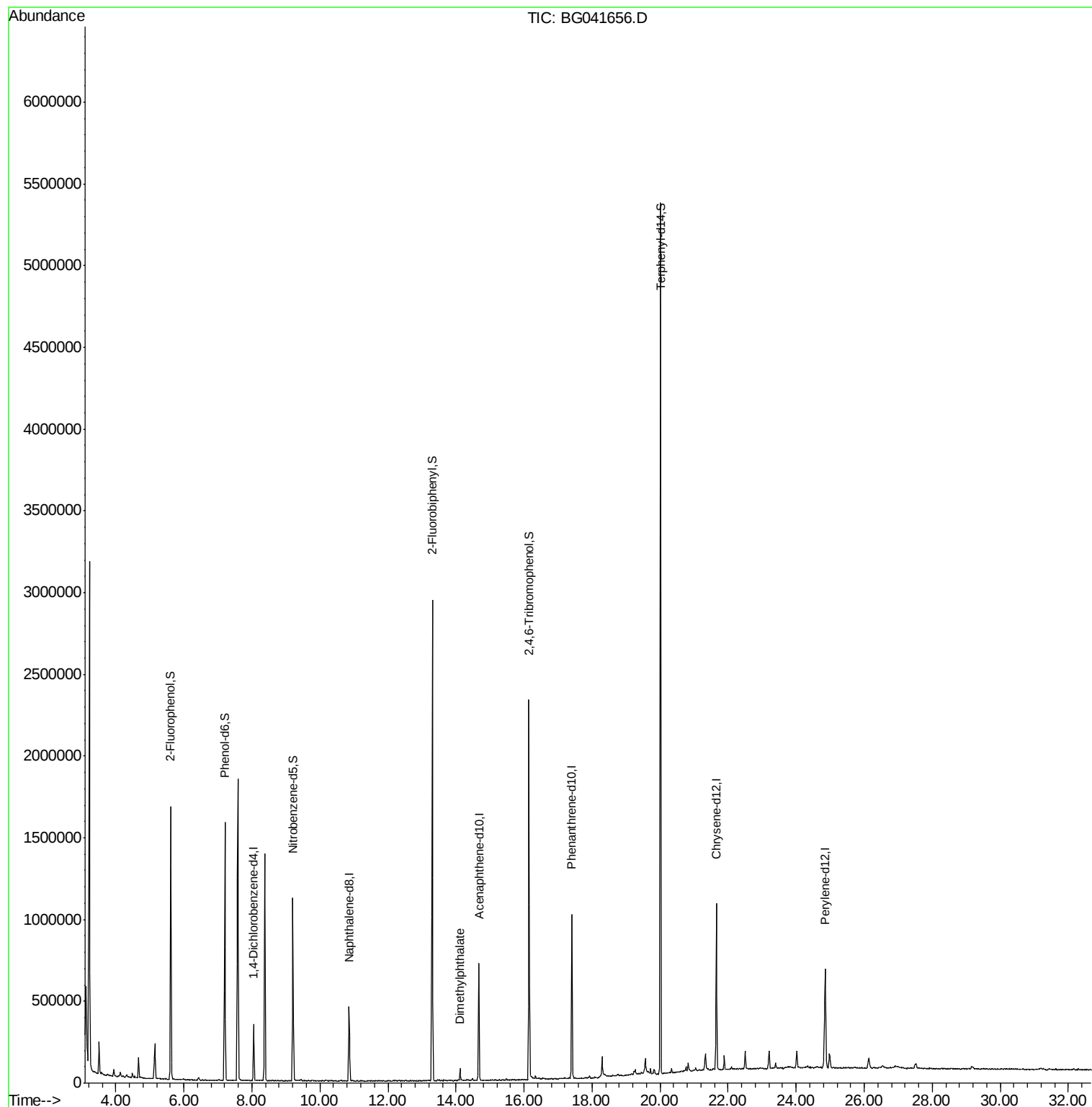
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99351	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	399282	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	249199	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	602392	20.00	ng	0.00
76) Chrysene-d12	21.66	240	584759	20.00	ng	0.00
87) Perylene-d12	24.85	264	643712	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	690457	113.61	ng	0.00
7) Phenol-d6	7.20	99	861767	105.42	ng	0.00
23) Nitrobenzene-d5	9.21	82	650154	99.03	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	417685	148.73	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1517502	94.30	ng	0.00
79) Terphenyl-d14	20.01	244	2306227	92.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	48499	2.478	ng	Qvalue # 95

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

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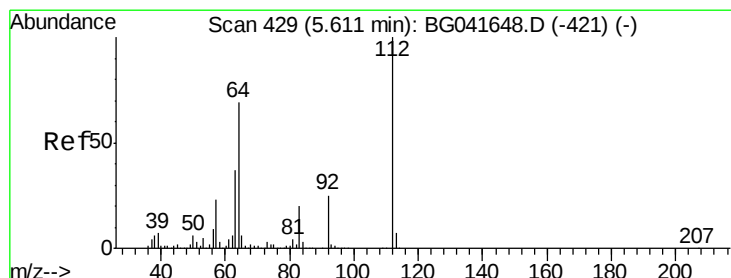
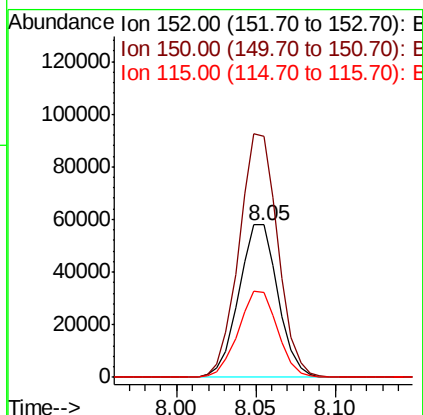
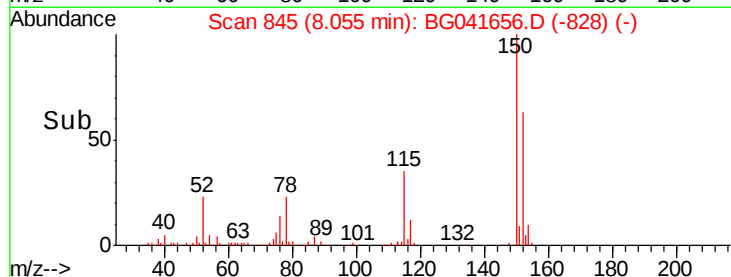
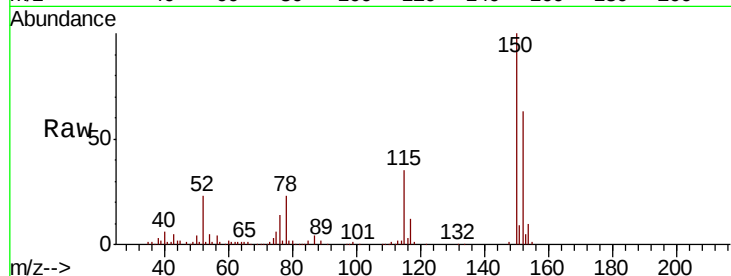


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG041656.D
Acq: 15 Jul 2019 19:33

Instrument :
BNA_G
ClientSampleId :
COMP-23

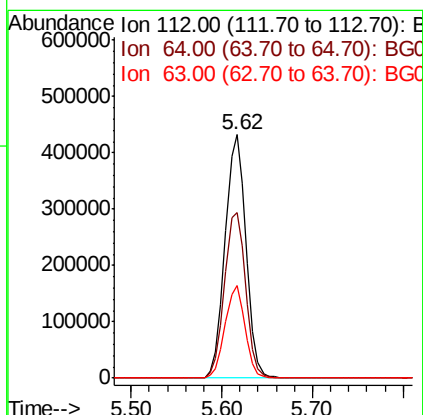
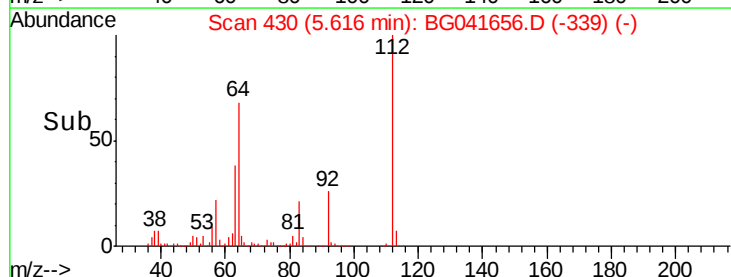
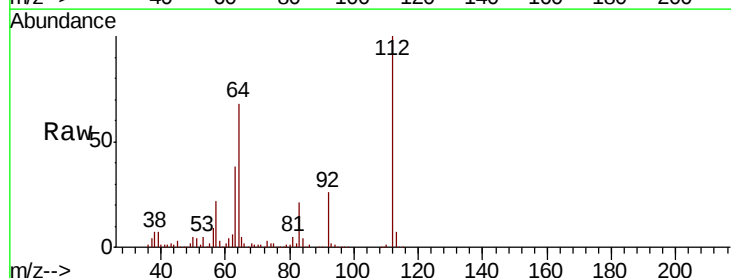
Tot Ion:152 Resp: 99351
Ion Ratio Lower Upper
152 100
150 157.7 126.9 190.3
115 55.5 45.0 67.6

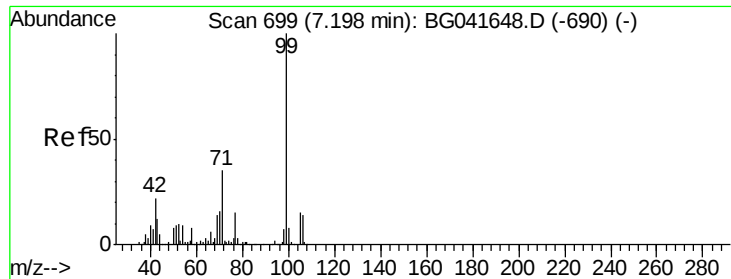


#5

2-Fluorophenol
Concen: 113.610 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG041656.D
Acq: 15 Jul 2019 19:33

Tgt Ion:112 Resp: 690457
Ion Ratio Lower Upper
112 100
64 68.1 55.4 83.2
63 37.8 29.1 43.7





#7

Phenol-d6

Concen: 105.422 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041656.D

Acq: 15 Jul 2019 19:33

Instrument :

BNA_G

ClientSampleId :

COMP-23

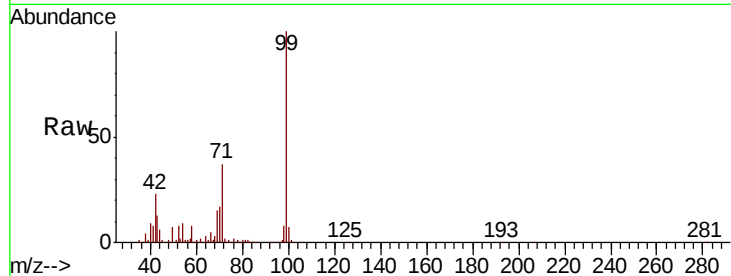
Tot Ion: 99 Resp: 861767

Ion Ratio Lower Upper

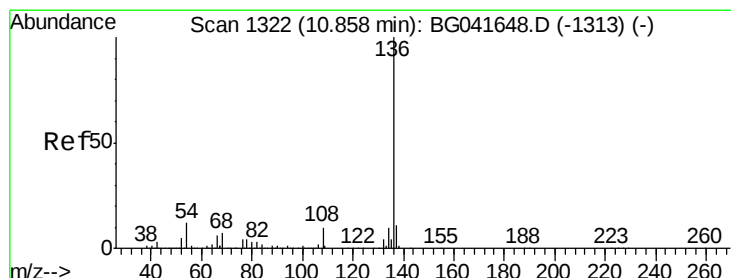
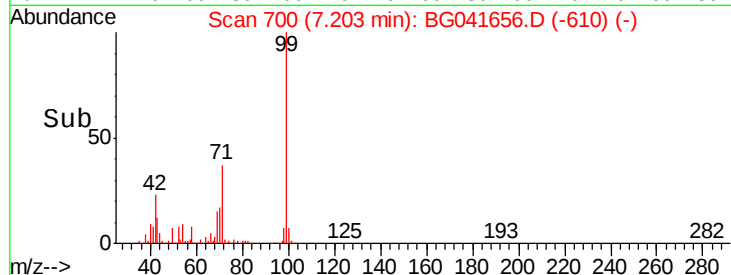
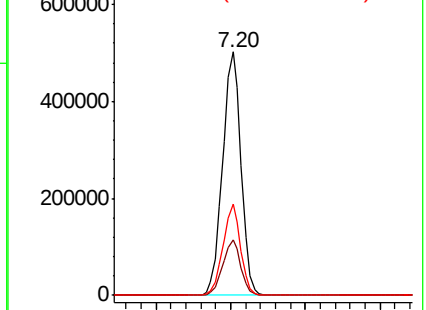
99 100

42 22.7 17.6 26.4

71 37.3 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: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG041656.D

Acq: 15 Jul 2019 19:33

Tgt Ion: 136 Resp: 399282

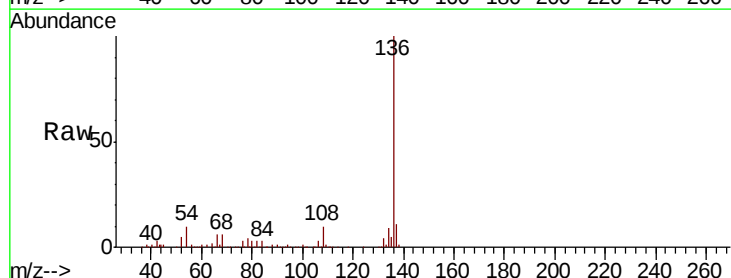
Ion Ratio Lower Upper

136 100

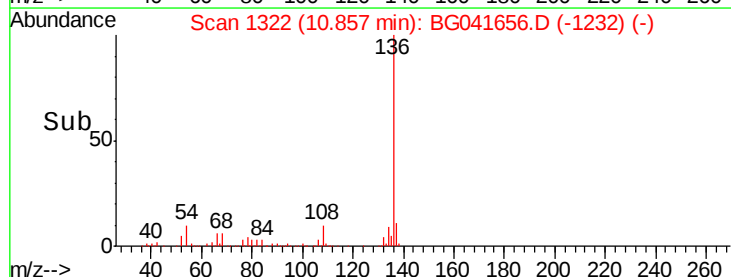
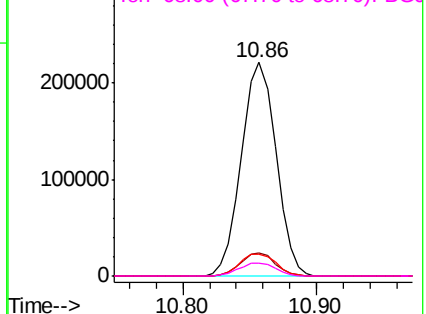
137 11.0 9.2 13.8

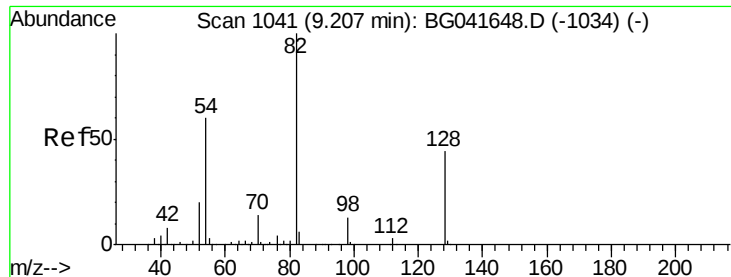
54 10.5 8.7 13.1

68 5.9 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

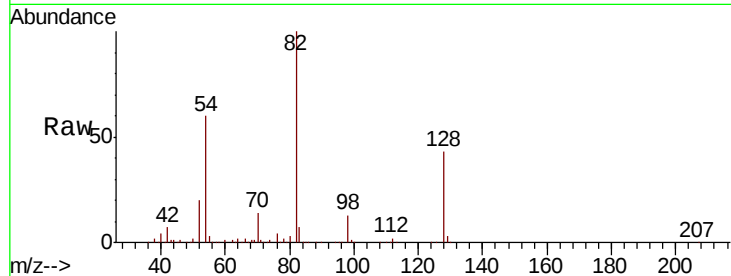




#23
Nitrobenzene-d5
Concen: 99.026 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041656.D
Acq: 15 Jul 2019 19:33

Instrument :
BNA_G
ClientSampleId :
COMP-23

Tot Ion	82	Resp	650154
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.1	52.7
54	60.3	48.7	73.1

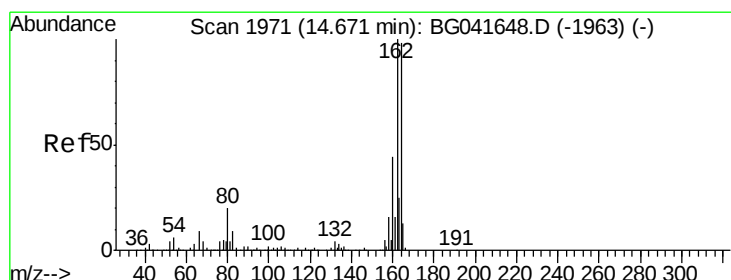
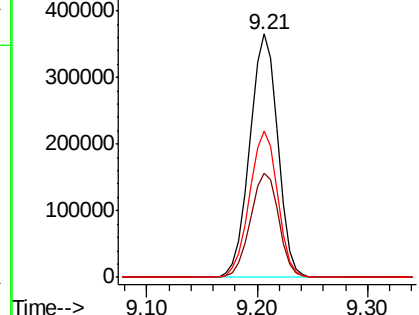
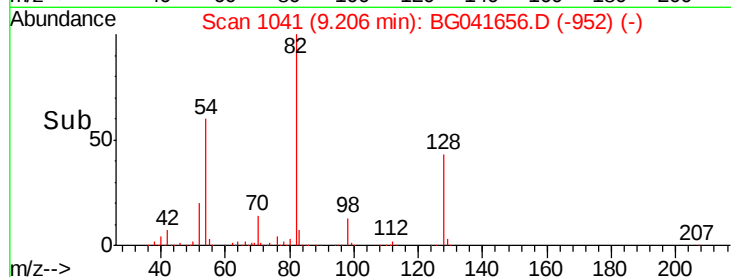


Abundance

Ion 82.00 (81.70 to 82.70): BGC

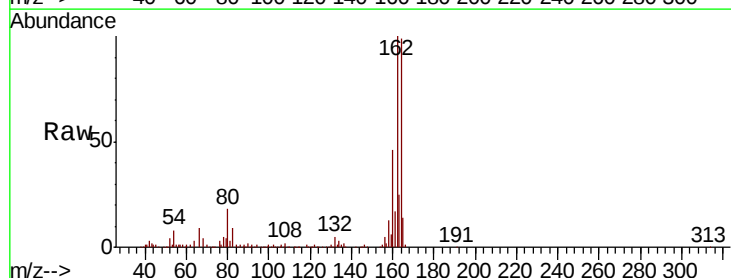
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041656.D
Acq: 15 Jul 2019 19:33

Tgt Ion	164	Resp	249199
Ion Ratio	Lower	Upper	
164	100		
162	101.3	79.6	119.4
160	46.3	35.4	53.0

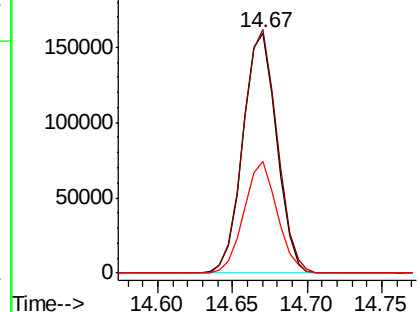
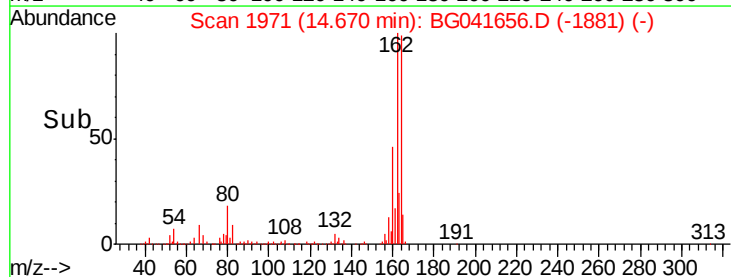


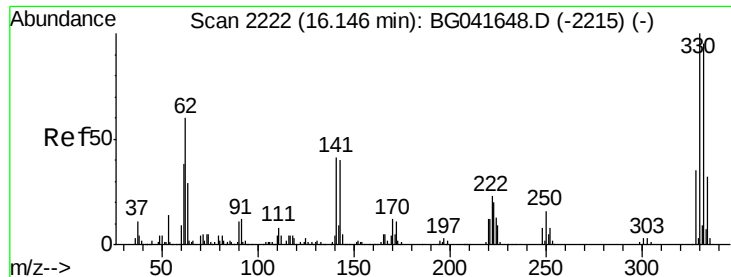
Abundance

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

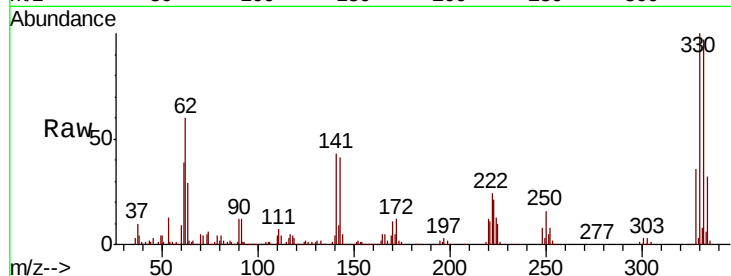




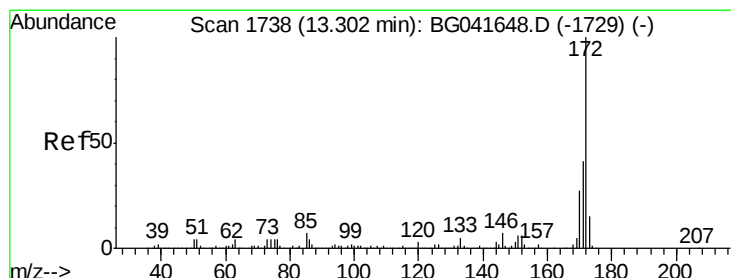
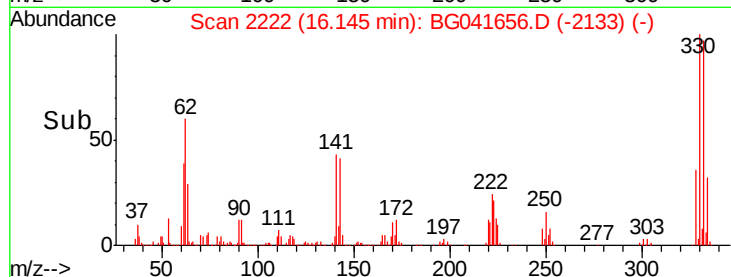
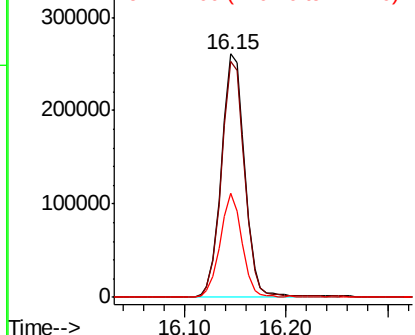
#42
 2,4,6-Tribromophenol
 Concen: 148.725 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041656.D
 Acq: 15 Jul 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 COMP-23

Tot Ion:330 Resp: 417685
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 40.1 31.9 47.9

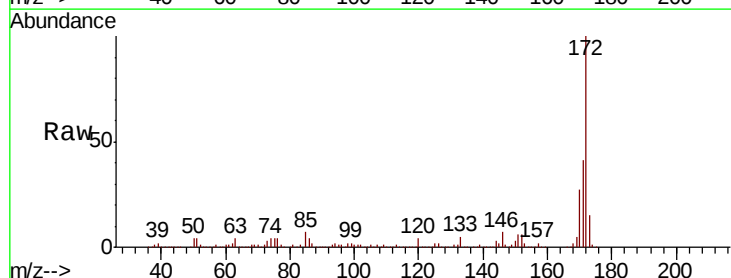


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

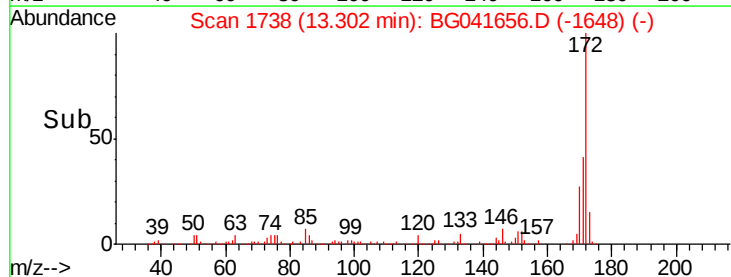
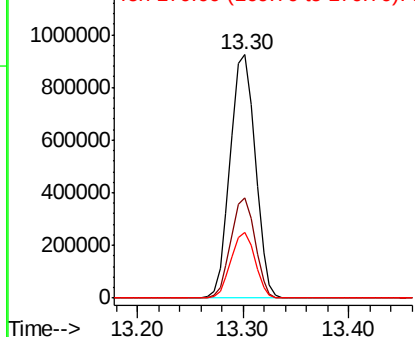


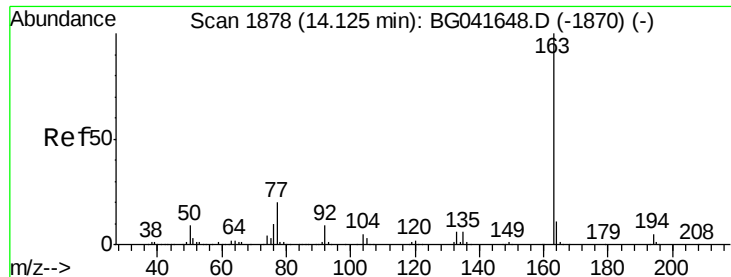
#45
 2-Fluorobiphenyl
 Concen: 94.296 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG041656.D
 Acq: 15 Jul 2019 19:33

Tgt Ion:172 Resp: 1517502
 Ion Ratio Lower Upper
 172 100
 171 41.1 35.0 52.4
 170 27.2 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: 2.478 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041656.D

Acq: 15 Jul 2019 19:33

Instrument :

BNA_G

ClientSampleId :

COMP-23

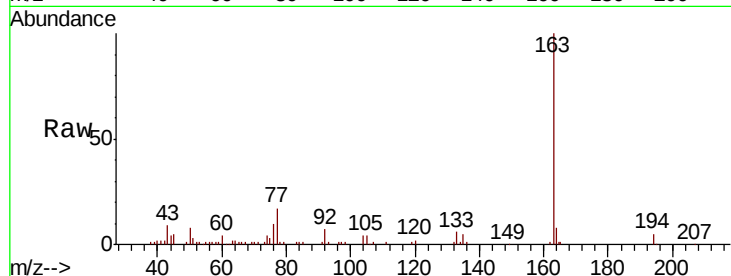
Tot Ion:163 Resp: 48499

Ion Ratio Lower Upper

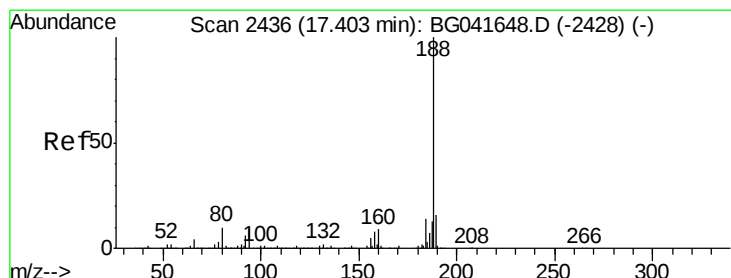
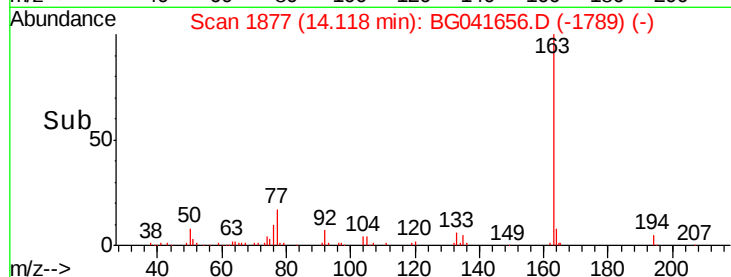
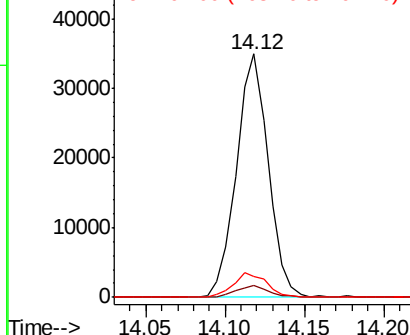
163 100

194 4.8 4.2 6.2

164 9.1 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: BG041656.D

Acq: 15 Jul 2019 19:33

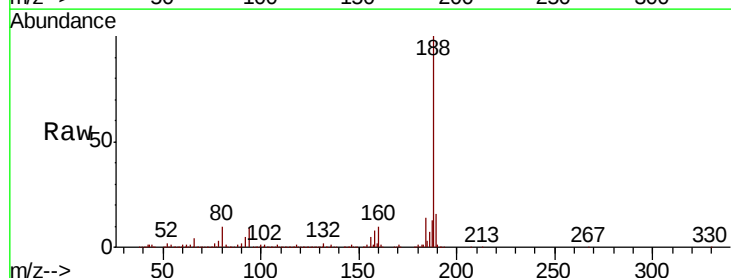
Tgt Ion:188 Resp: 602392

Ion Ratio Lower Upper

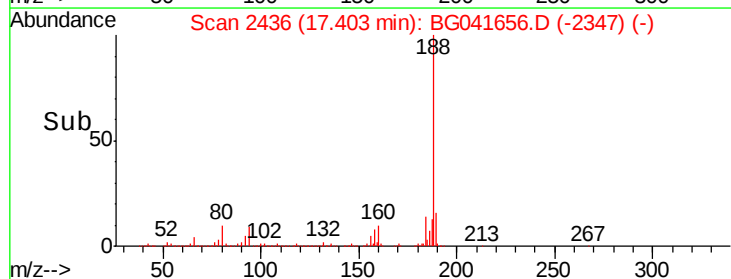
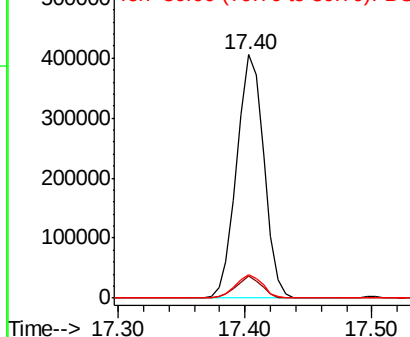
188 100

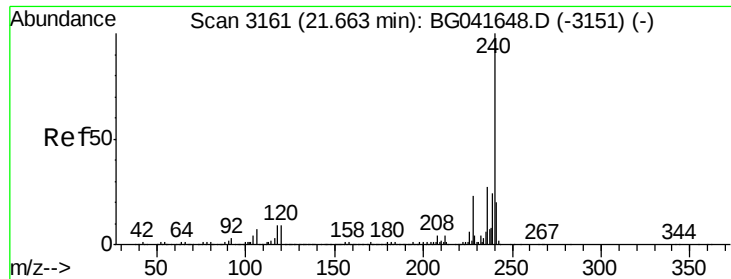
94 9.4 6.9 10.3

80 9.6 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: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041656.D

Acq: 15 Jul 2019 19:33

Instrument :

BNA_G

ClientSampleId :

COMP-23

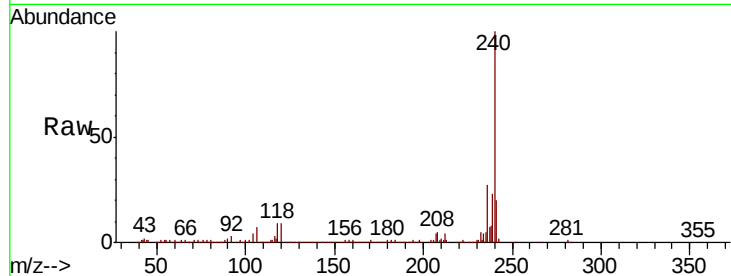
Tot Ion:240 Resp: 584759

Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

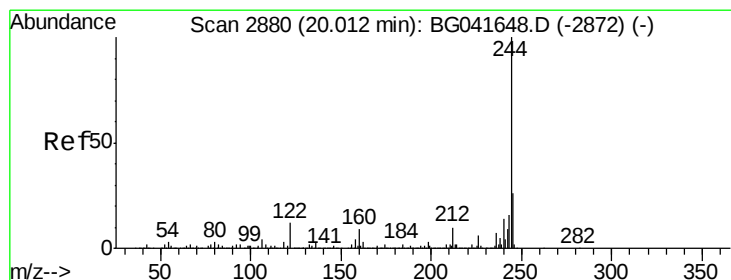
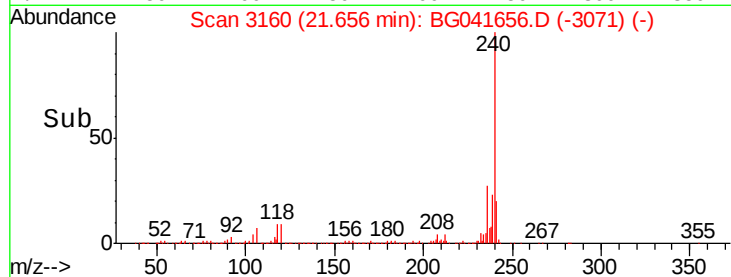
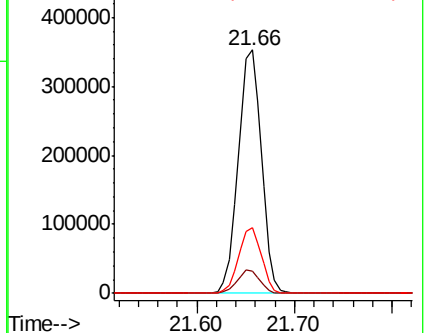
236 27.2 22.6 33.8



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: 92.164 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041656.D

Acq: 15 Jul 2019 19:33

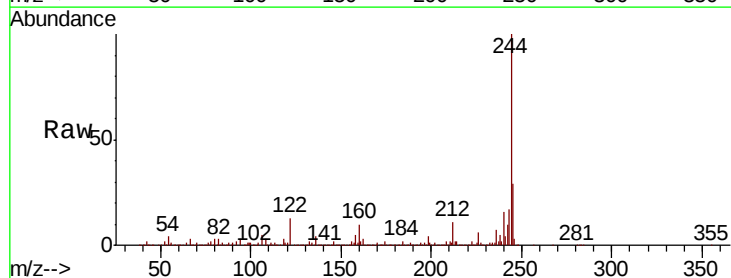
Tgt Ion:244 Resp: 2306227

Ion Ratio Lower Upper

244 100

212 10.7 9.7 14.5

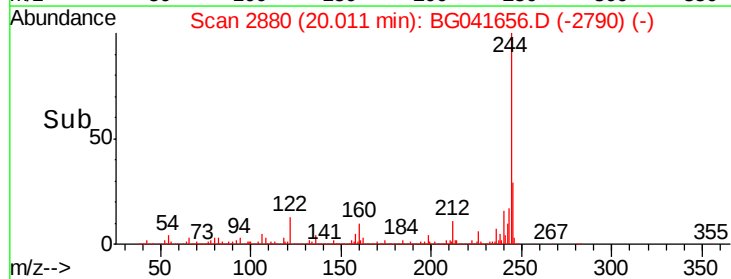
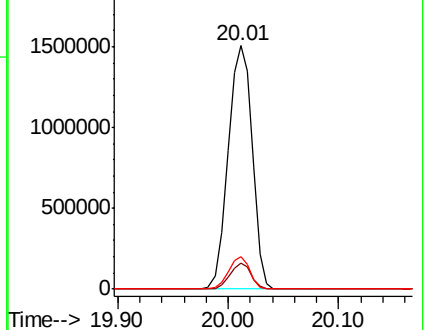
122 13.4 12.5 18.7

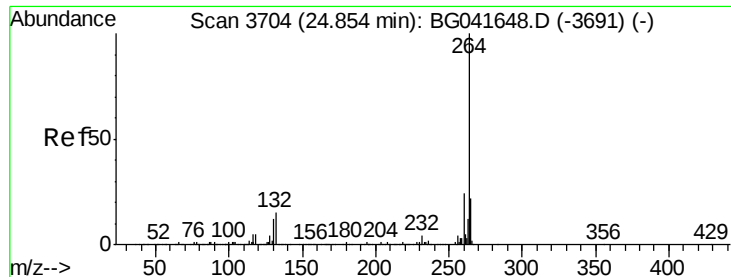


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041656.D
Acq: 15 Jul 2019 19:33

Instrument :
BNA_G
ClientSampleId :
COMP-23

Tot Ion: 264 Resp: 643712

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	18.0	27.0

