

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041655.D
 Acq On : 15 Jul 2019 18:54
 Operator : HP/JU
 Sample : K3740-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-24

Quant Time: Jul 16 08:02:55 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

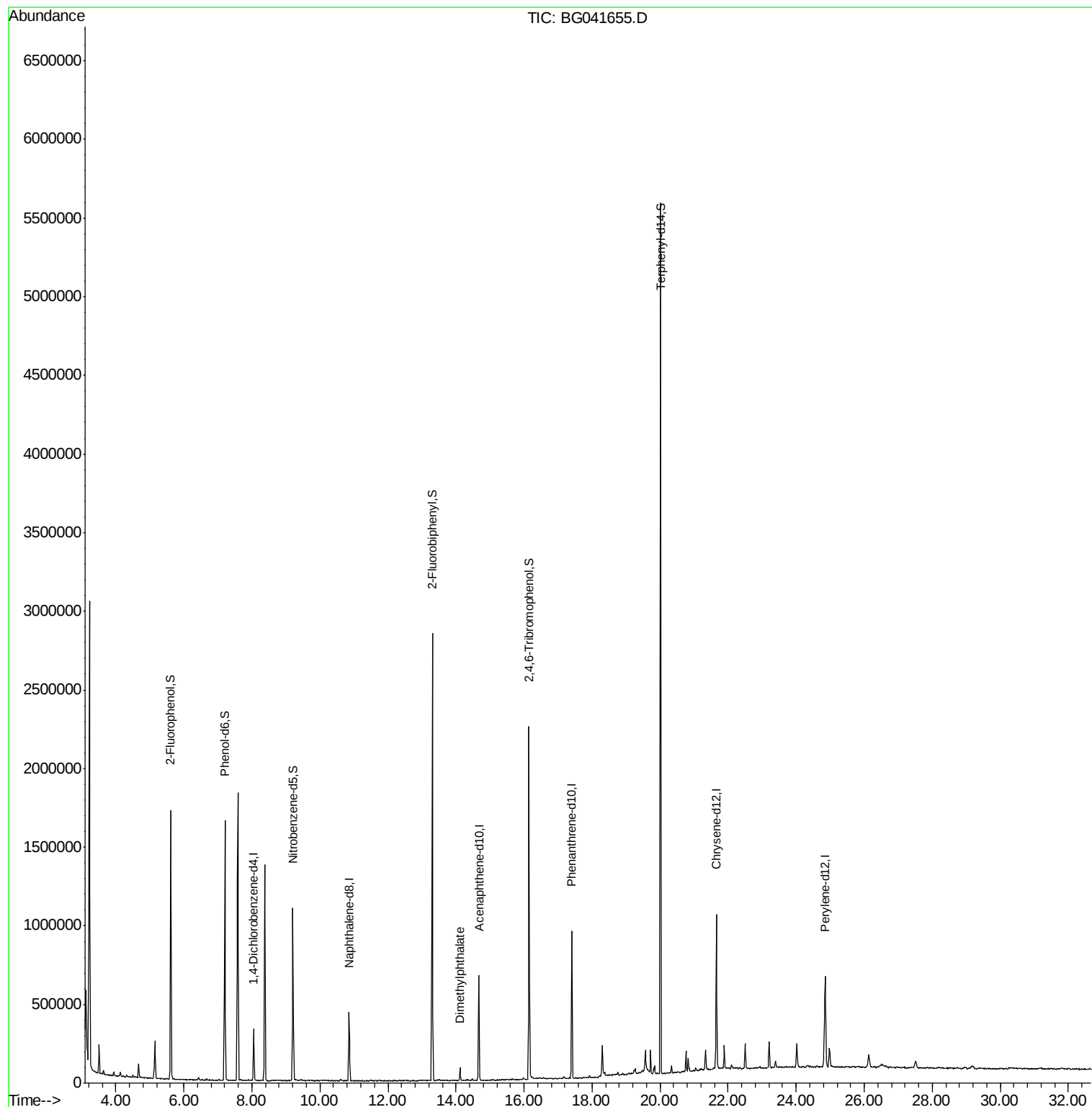
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94304	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	368946	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	235361	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	572342	20.00	ng	0.00
76) Chrysene-d12	21.66	240	571444	20.00	ng	0.00
87) Perylene-d12	24.85	264	634598	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	705824	122.35	ng	0.00
7) Phenol-d6	7.20	99	905334	116.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	631168	104.04	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	407783	153.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1442553	94.91	ng	0.00
79) Terphenyl-d14	20.01	244	2262566	92.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	54566	2.952	ng	Qvalue # 98

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

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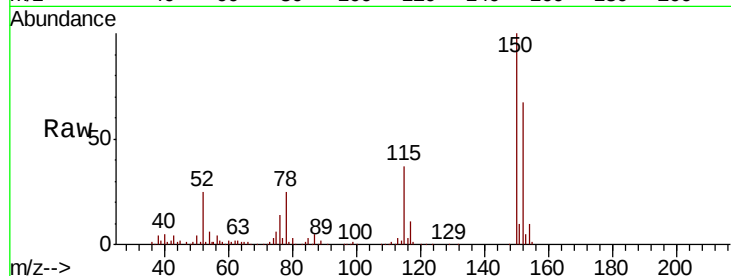


#1

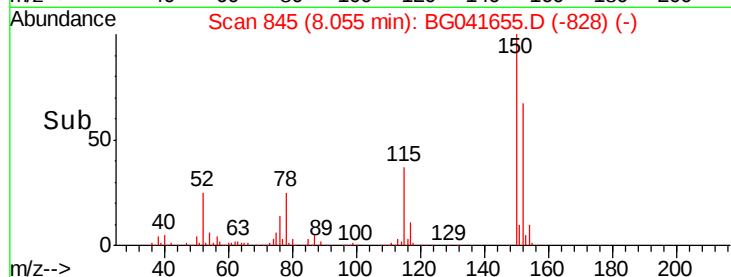
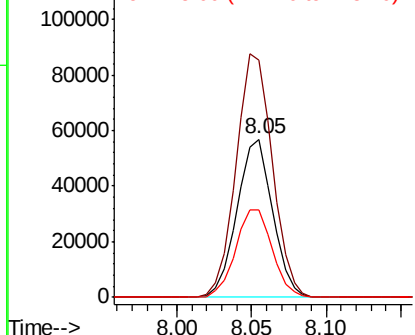
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampled :
COMP-24

Tot Ion:152 Resp: 94304
Ion Ratio Lower Upper
152 100
150 149.9 126.9 190.3
115 55.0 45.0 67.6



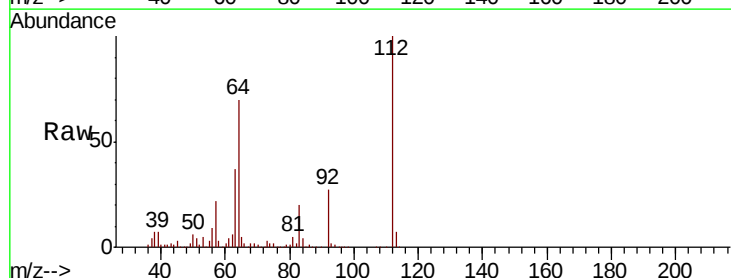
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



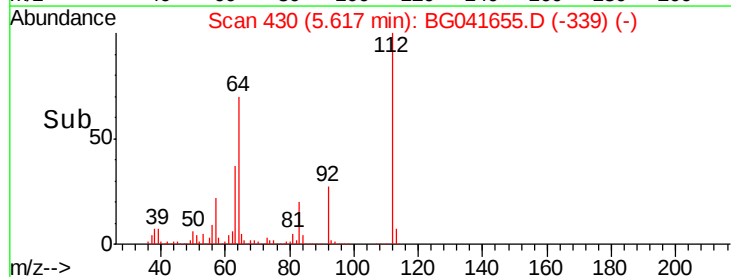
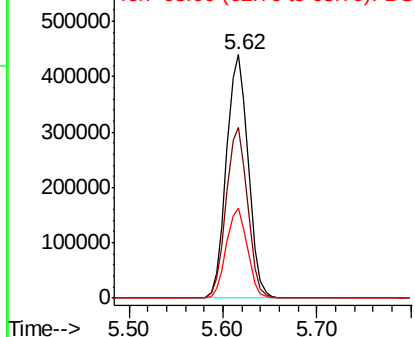
#5

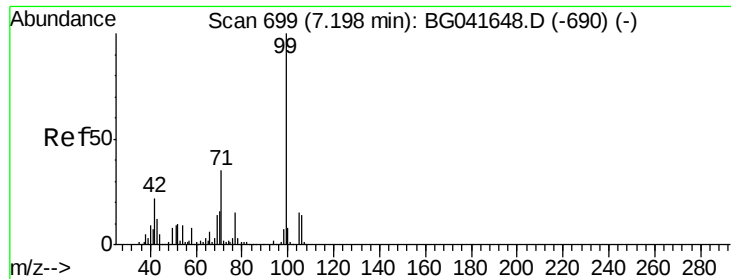
2-Fluorophenol
Concen: 122.354 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG041655.D
Acq: 15 Jul 2019 18:54

Tgt Ion:112 Resp: 705824
Ion Ratio Lower Upper
112 100
64 70.2 55.4 83.2
63 36.7 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: 116.679 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041655.D

Acq: 15 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-24

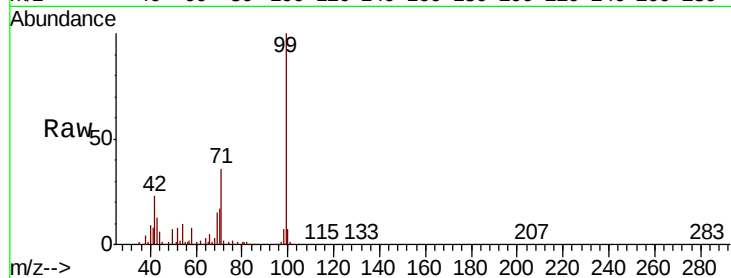
Tot Ion: 99 Resp: 905334

Ion Ratio Lower Upper

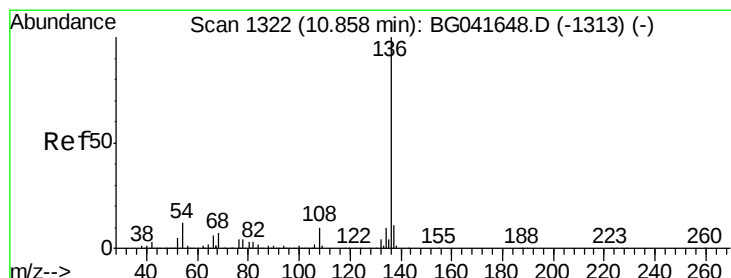
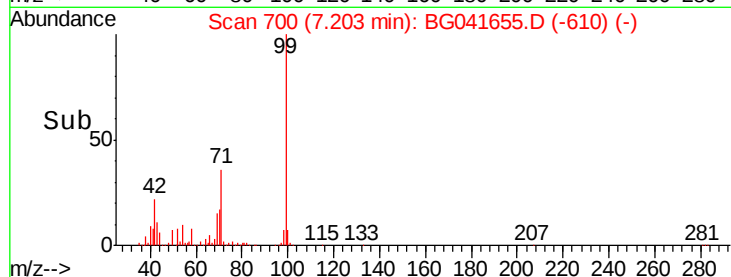
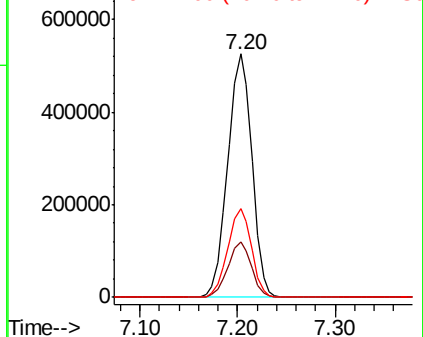
99 100

42 22.6 17.6 26.4

71 36.2 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: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG041655.D

Acq: 15 Jul 2019 18:54

Tgt Ion: 136 Resp: 368946

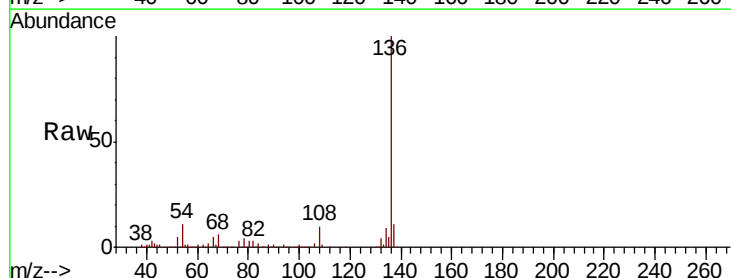
Ion Ratio Lower Upper

136 100

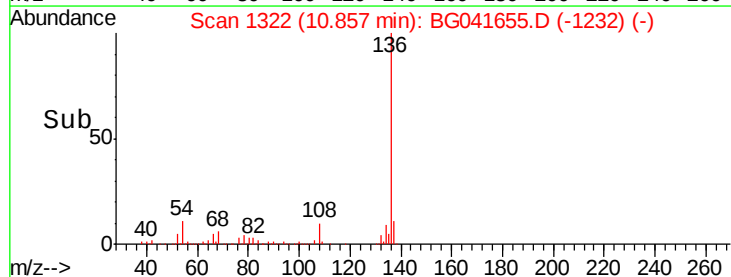
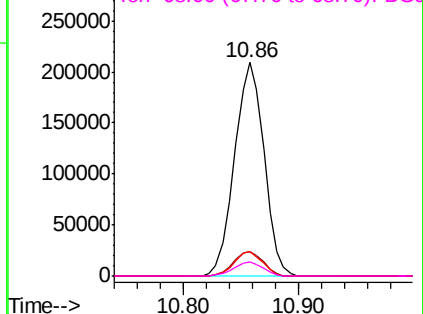
137 11.5 9.2 13.8

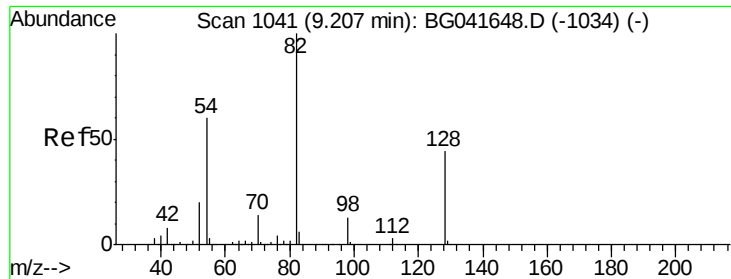
54 11.4 8.7 13.1

68 6.4 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: 104.038 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041655.D

Acq: 15 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-24

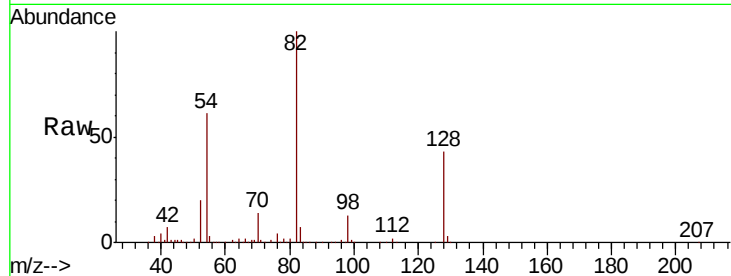
Tot Ion: 82 Resp: 631168

Ion Ratio Lower Upper

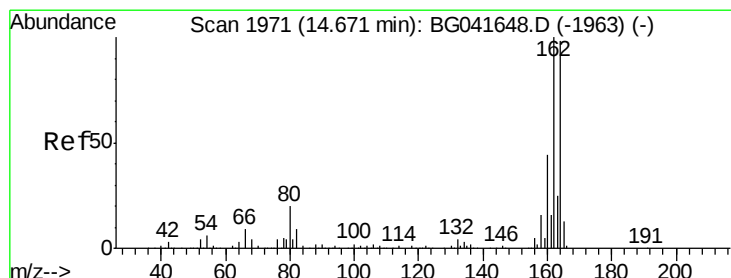
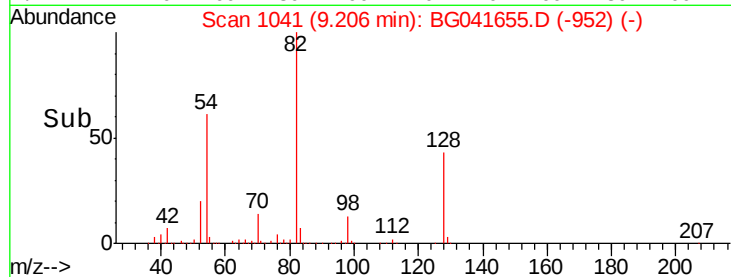
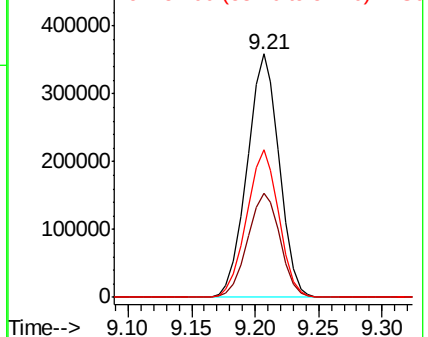
82 100

128 43.0 35.1 52.7

54 60.7 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: BG041655.D

Acq: 15 Jul 2019 18:54

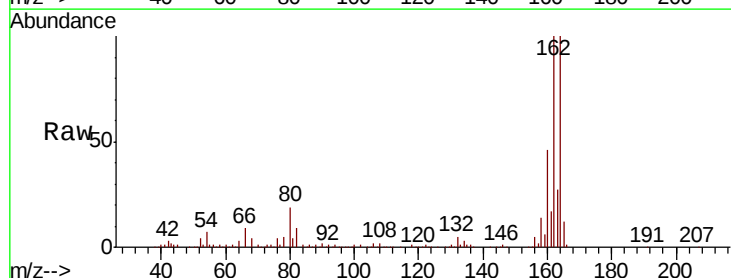
Tgt Ion:164 Resp: 235361

Ion Ratio Lower Upper

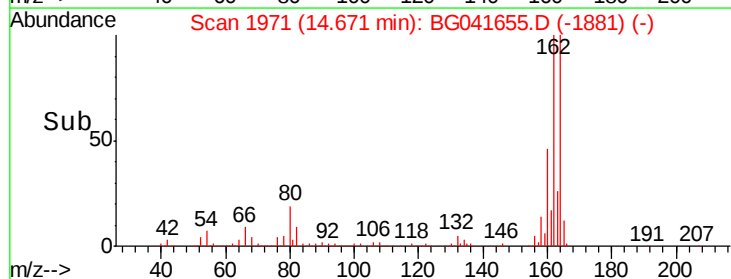
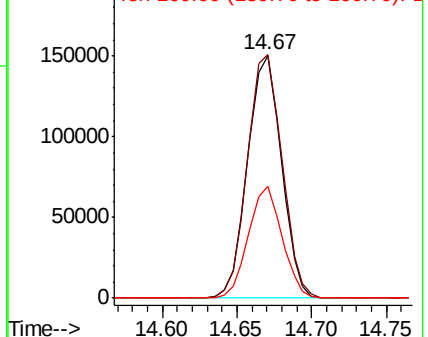
164 100

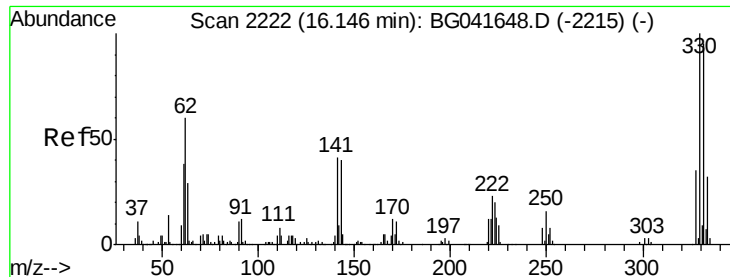
162 100.5 79.6 119.4

160 46.1 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

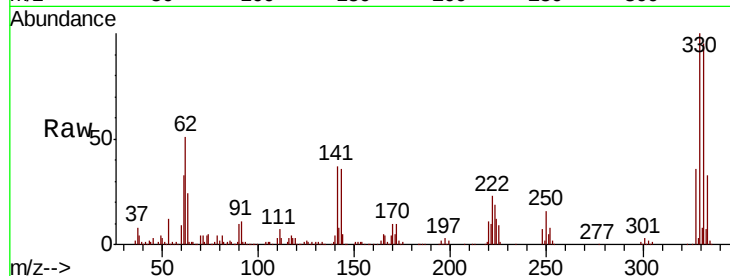




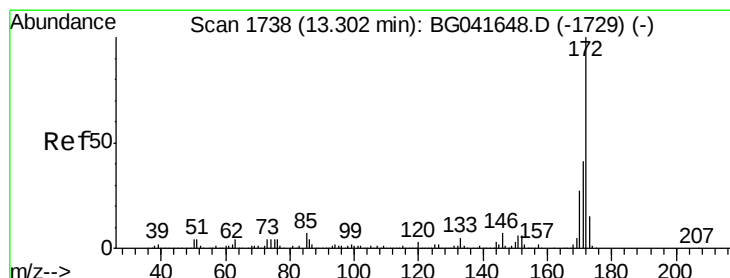
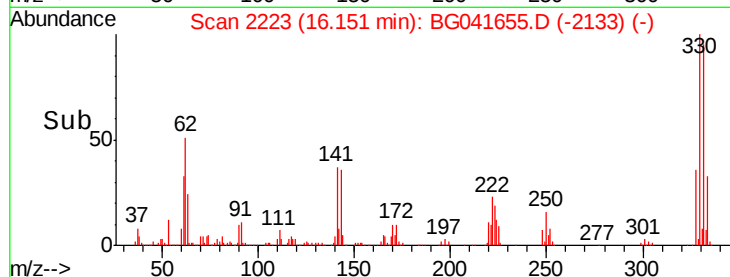
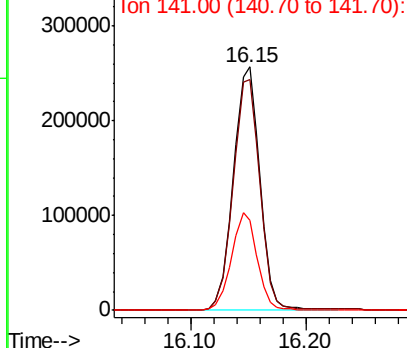
#42
 2,4,6-Tribromophenol
 Concen: 153.736 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG041655.D
 Acq: 15 Jul 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 COMP-24

Tot Ion:330 Resp: 407783
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 39.1 31.9 47.9

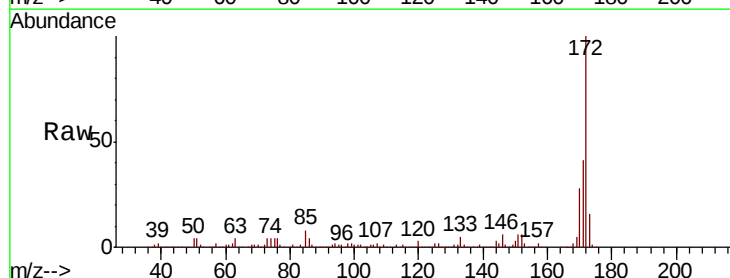


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

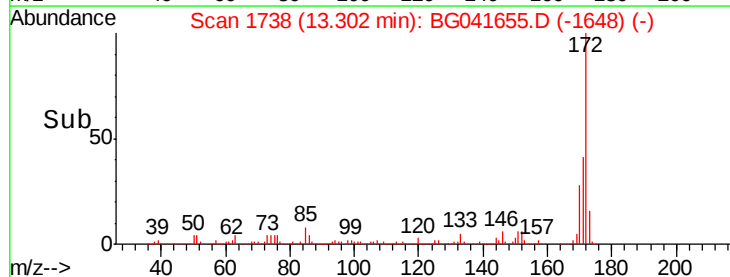
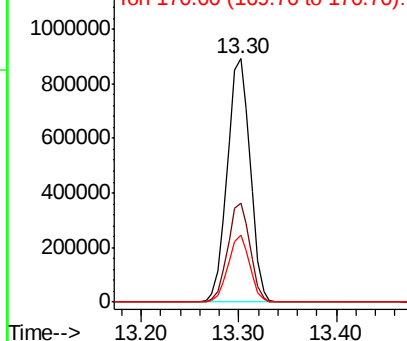


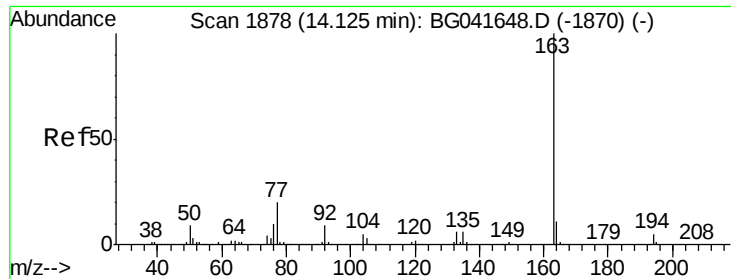
#45
 2-Fluorobiphenyl
 Concen: 94.909 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG041655.D
 Acq: 15 Jul 2019 18:54

Tgt Ion:172 Resp: 1442553
 Ion Ratio Lower Upper
 172 100
 171 40.8 35.0 52.4
 170 27.5 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: 2.952 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041655.D

Acq: 15 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-24

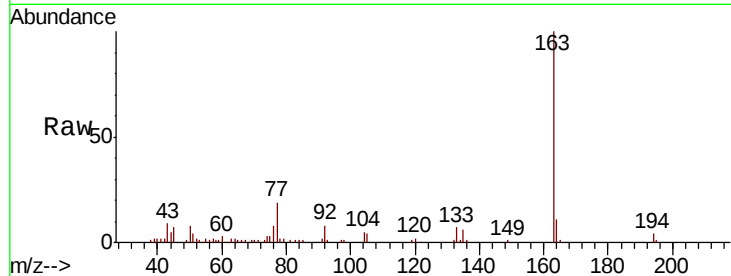
Tot Ion:163 Resp: 54566

Ion Ratio Lower Upper

163 100

194 4.1 4.2 6.2#

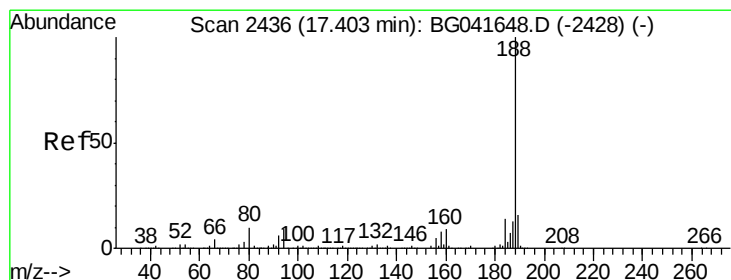
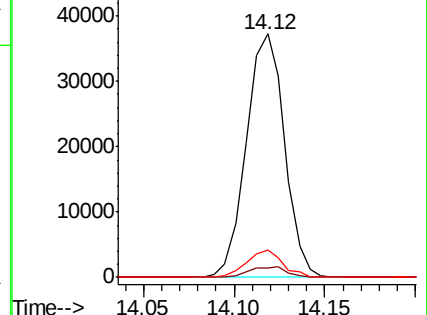
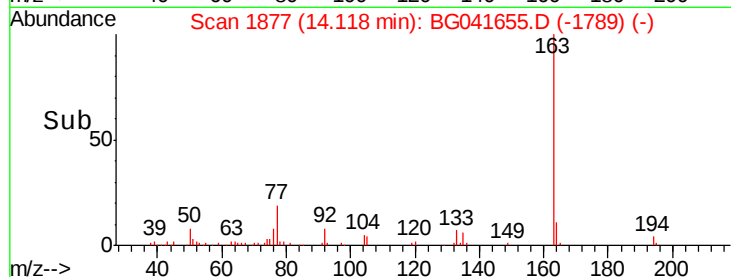
164 11.1 9.4 14.2



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: BG041655.D

Acq: 15 Jul 2019 18:54

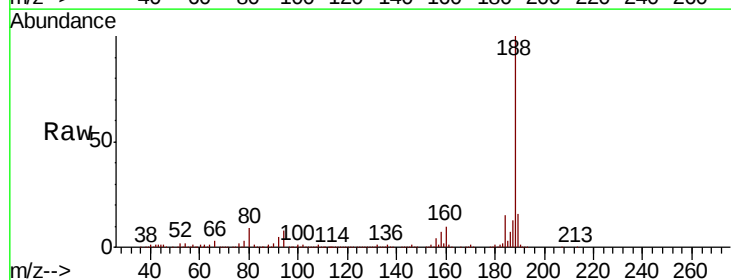
Tgt Ion:188 Resp: 572342

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

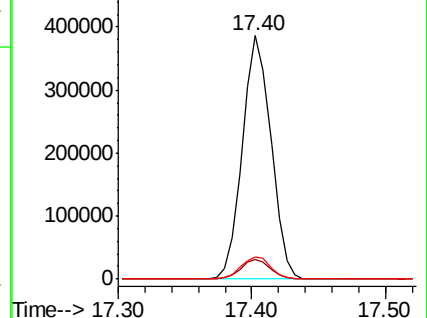
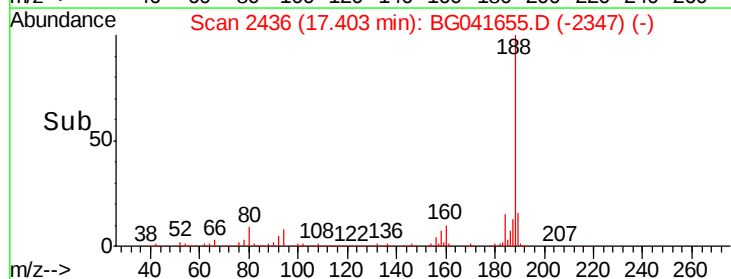
80 9.4 8.0 12.0

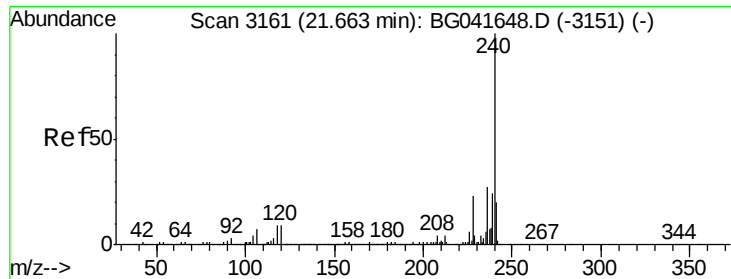


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041655.D

Acq: 15 Jul 2019 18:54

Instrument :

BNA_G

ClientSampleId :

COMP-24

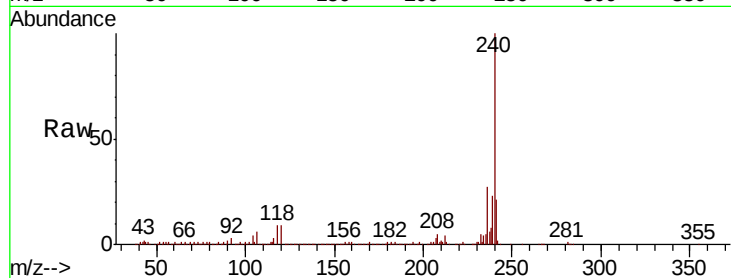
Tot Ion:240 Resp: 571444

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

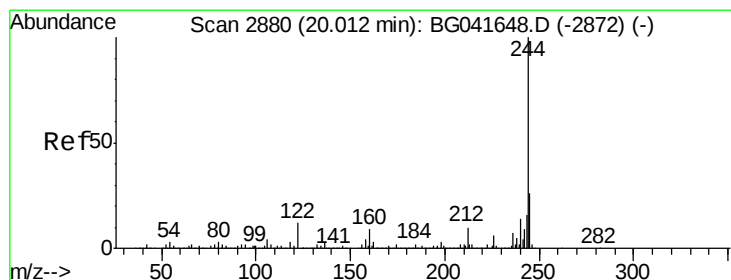
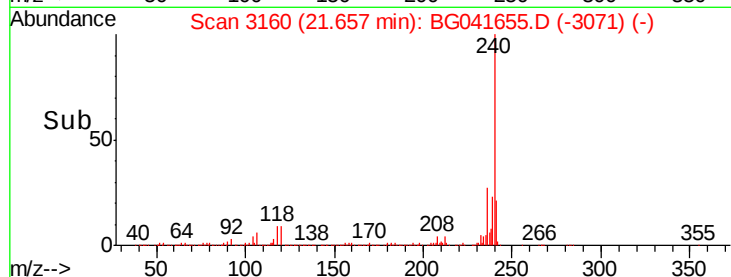
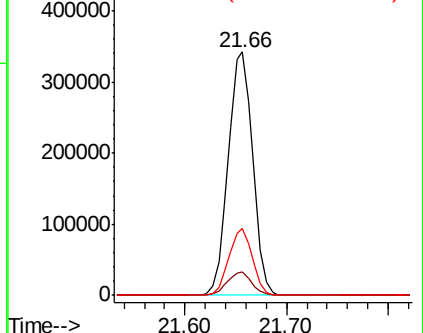
236 27.3 22.6 33.8



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: 92.526 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041655.D

Acq: 15 Jul 2019 18:54

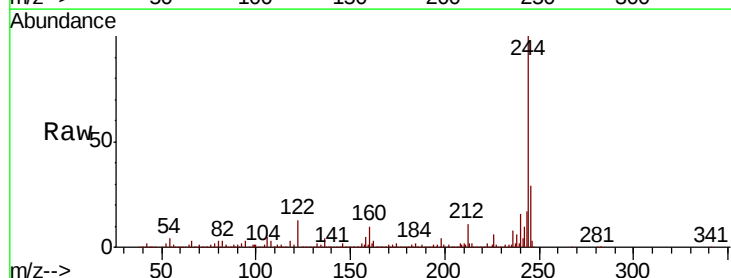
Tgt Ion:244 Resp: 2262566

Ion Ratio Lower Upper

244 100

212 11.0 9.7 14.5

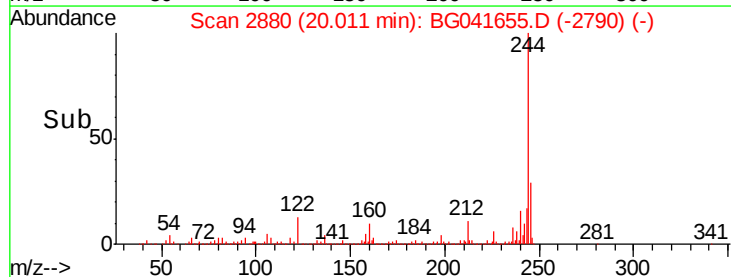
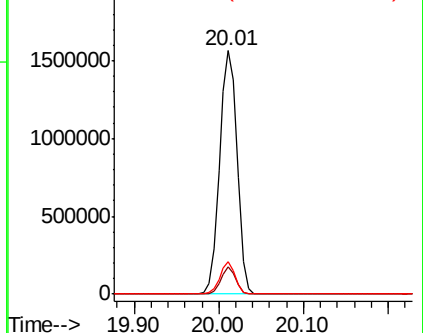
122 13.5 12.5 18.7

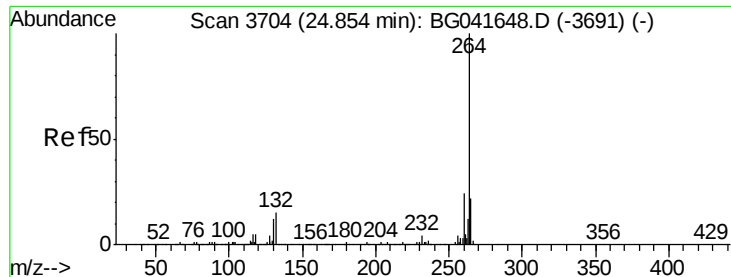


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041655.D
Acq: 15 Jul 2019 18:54

Instrument :
BNA_G
ClientSampleId :
COMP-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	18.0	27.0

