

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039004.D
 Acq On : 8 Jan 2019 21:49
 Operator : JU/SJ
 Sample : K1074-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W12-8

Quant Time: Jan 09 03:23:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

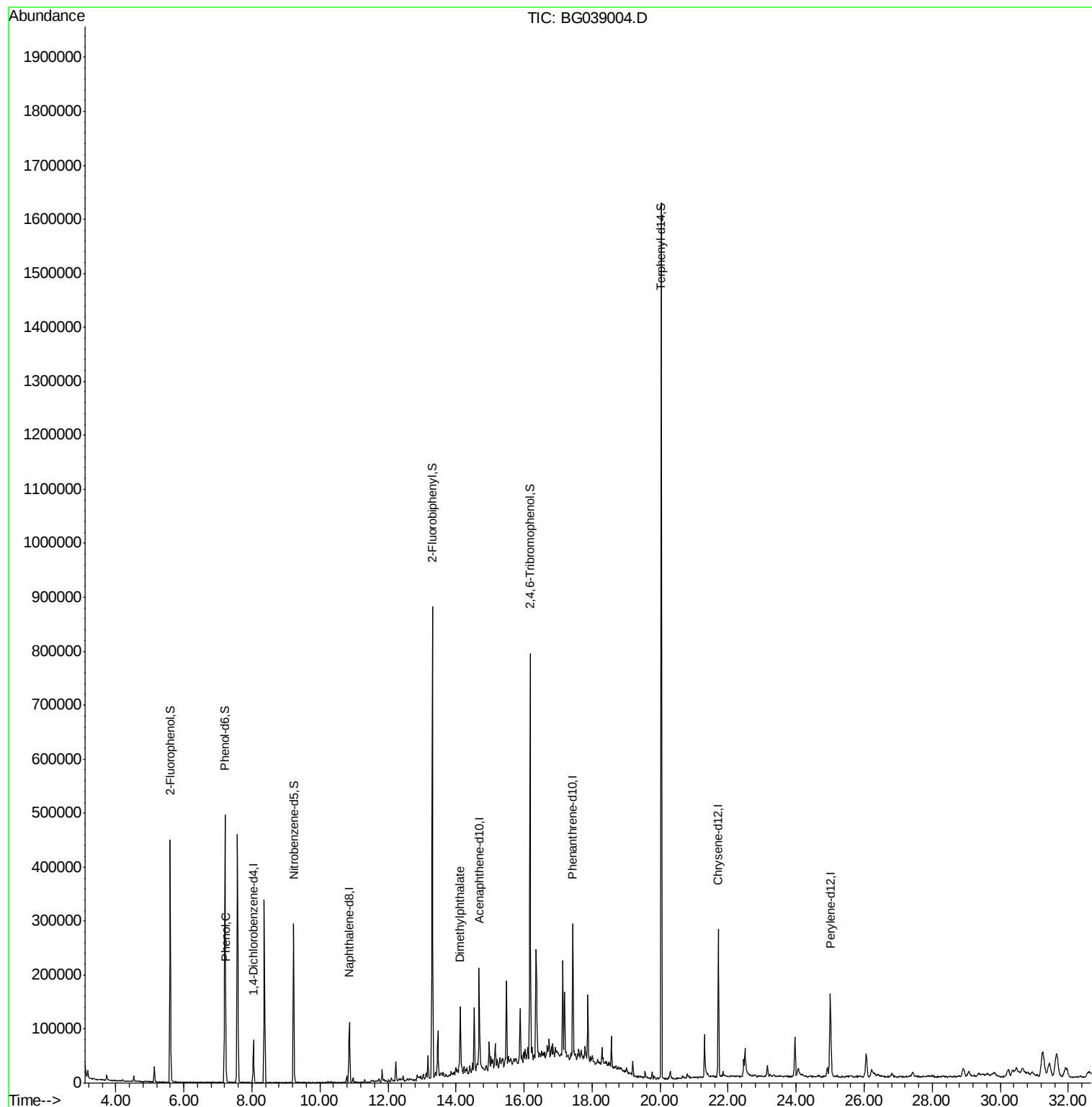
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23880	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	101767	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	69828	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	157913	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	177636	20.00	ng	-0.02
87) Perylene-d12	25.01	264	191421	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	202950	150.74	ng	0.00
7) Phenol-d6	7.21	99	295417	159.83	ng	0.00
23) Nitrobenzene-d5	9.22	82	174977	87.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	160830	167.12	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	485272	95.34	ng	-0.02
79) Terphenyl-d14	20.03	244	806410	98.80	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	14400	7.333	ng	90
50) Dimethylphthalate	14.13	163	60089	10.538	ng	100

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

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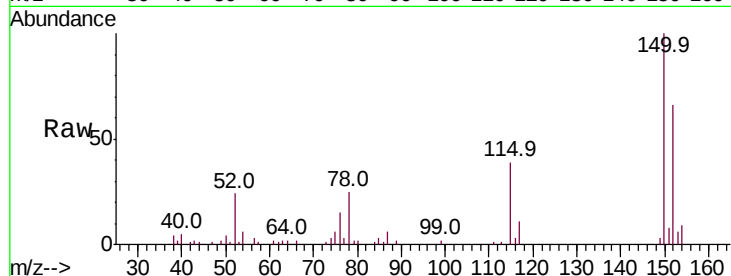


#1

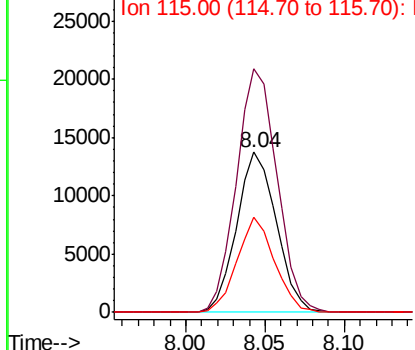
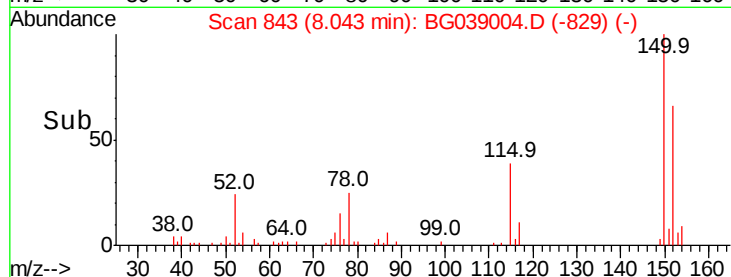
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG039004.D
Acq: 8 Jan 2019 21:49

Instrument :
BNA_G
ClientSampleId :
W12-8

Tot Ion:152 Resp: 23880
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 59.6 49.6 74.4



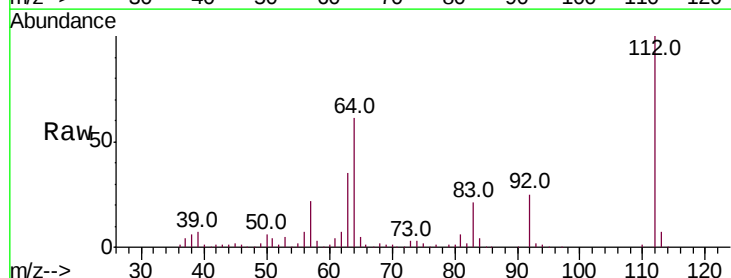
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



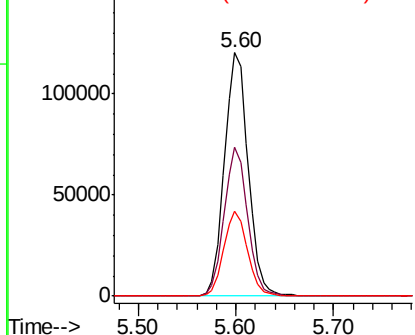
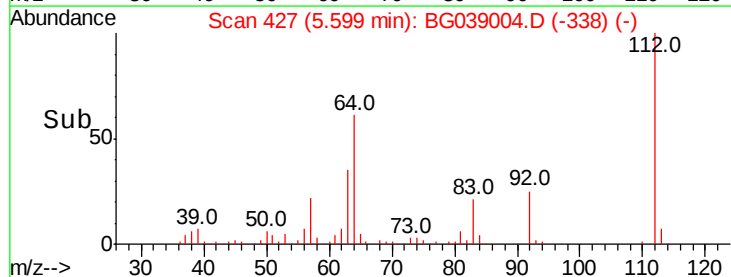
#5

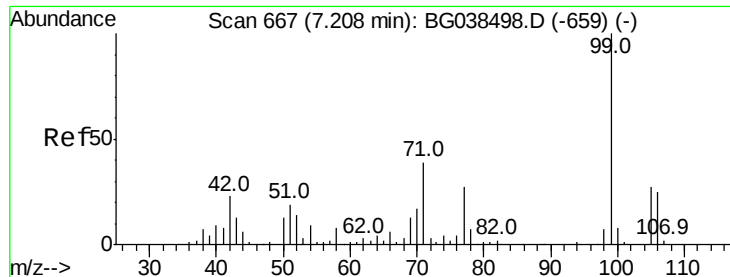
2-Fluorophenol
Concen: 150.738 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG039004.D
Acq: 8 Jan 2019 21:49

Tgt Ion:112 Resp: 202950
Ion Ratio Lower Upper
112 100
64 61.1 53.4 80.2
63 34.8 29.3 43.9



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: 159.831 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

W12-8

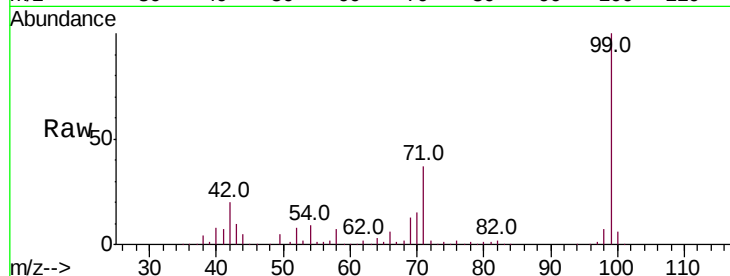
Tot Ion: 99 Resp: 295417

Ion Ratio Lower Upper

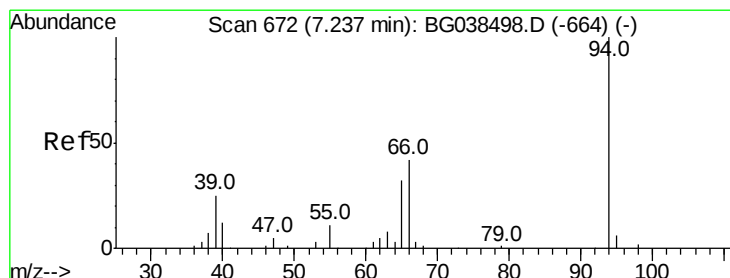
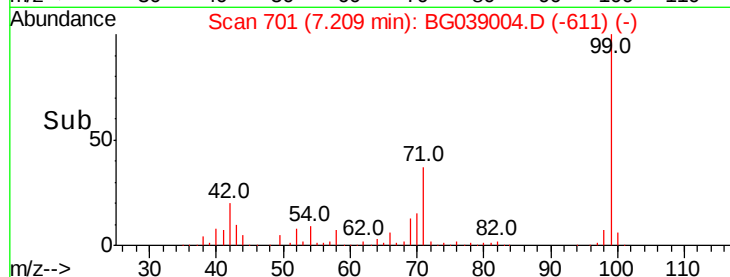
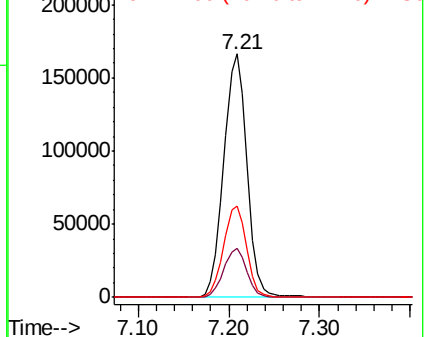
99 100

42 20.0 18.5 27.7

71 37.3 31.1 46.7



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



#10

Phenol

Concen: 7.333 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

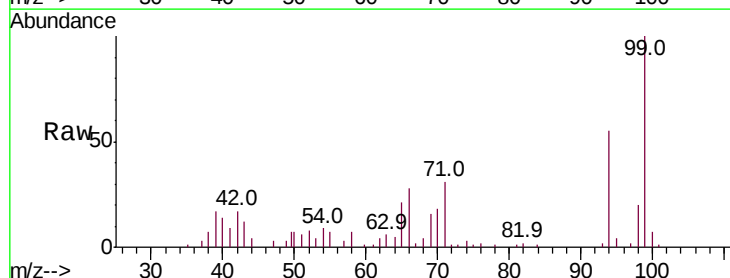
Tgt Ion: 94 Resp: 14400

Ion Ratio Lower Upper

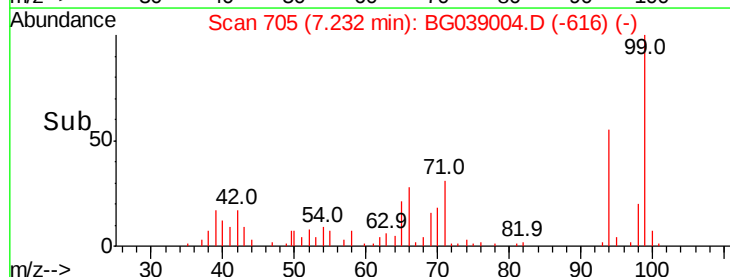
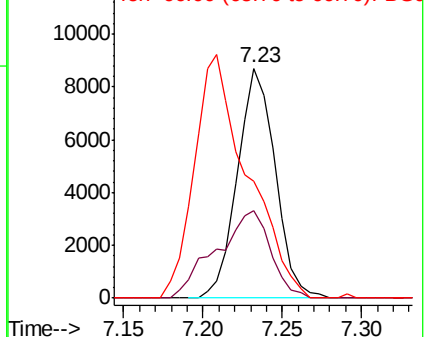
94 100

65 37.8 12.6 52.6

66 51.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

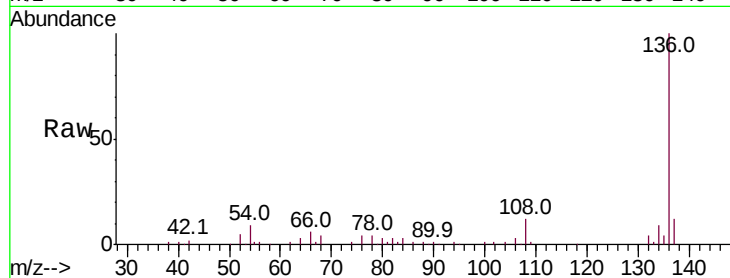




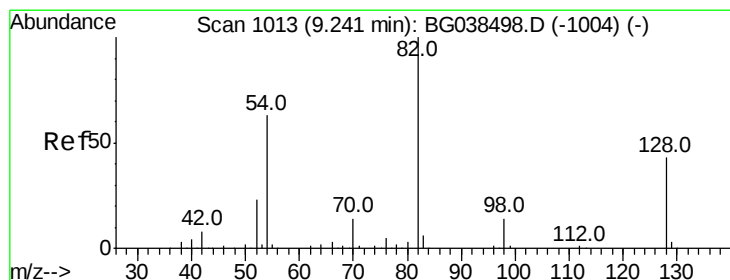
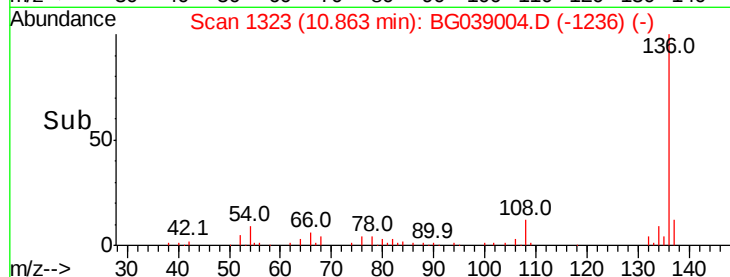
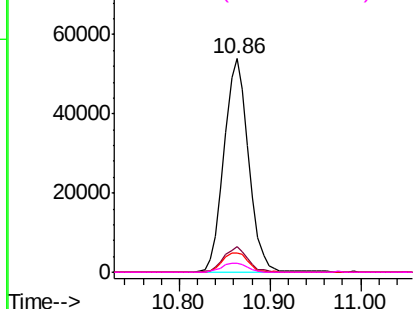
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039004.D
Acq: 8 Jan 2019 21:49

Instrument :
BNA_G
ClientSampleId :
W12-8

Tot Ion:136	Resp:	101767
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.3 13.9
54	9.0	8.5 12.7
68	4.3	3.5 5.3

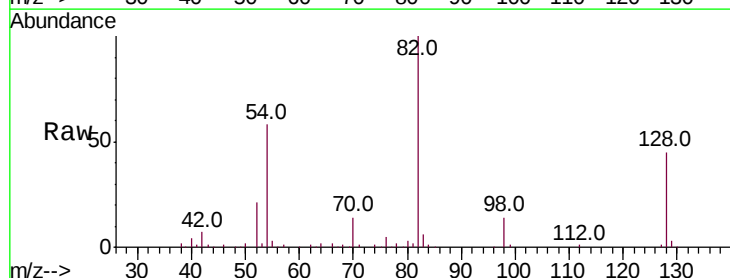


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

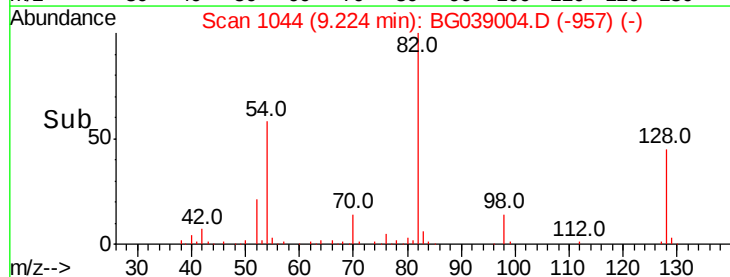
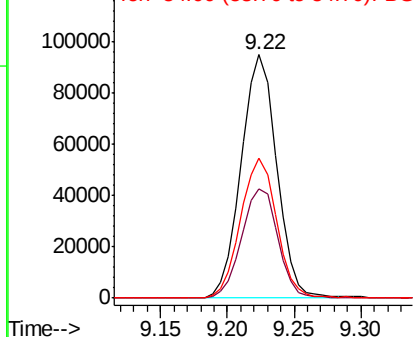


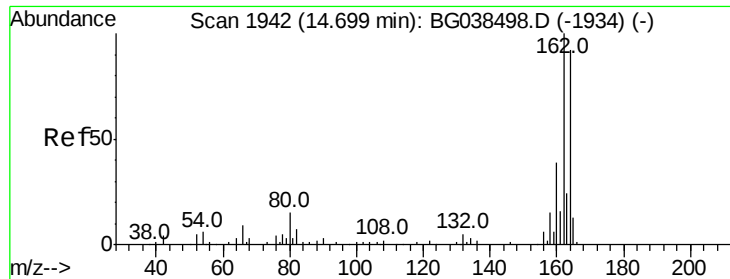
#23
Nitrobenzene-d5
Concen: 87.839 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039004.D
Acq: 8 Jan 2019 21:49

Tgt Ion: 82	Resp:	174977
Ion	Ratio	Lower Upper
82	100	
128	44.9	34.6 52.0
54	57.6	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

Instrument :

BNA_G

ClientSampled :

W12-8

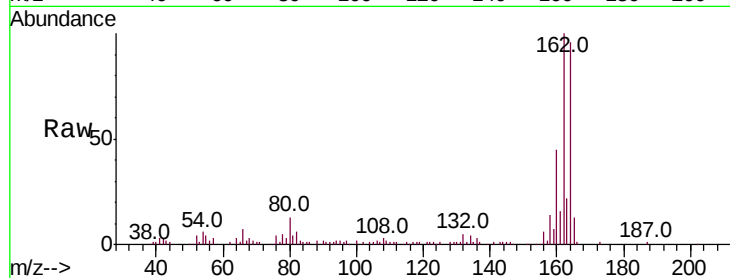
Tot Ion:164 Resp: 69828

Ion Ratio Lower Upper

164 100

162 103.7 86.6 130.0

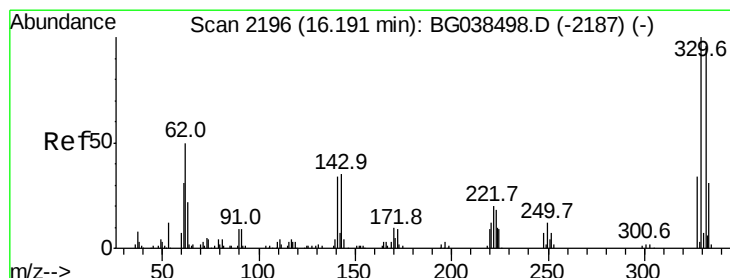
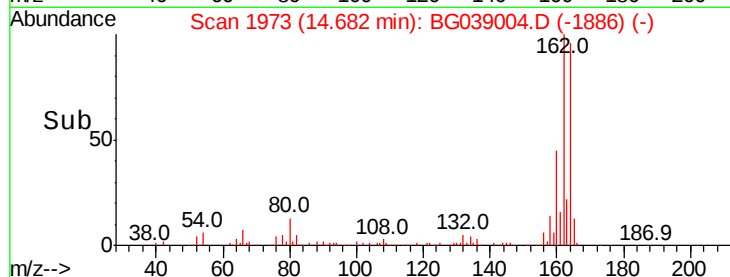
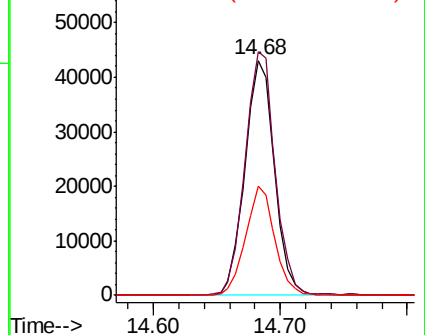
160 46.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 167.121 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

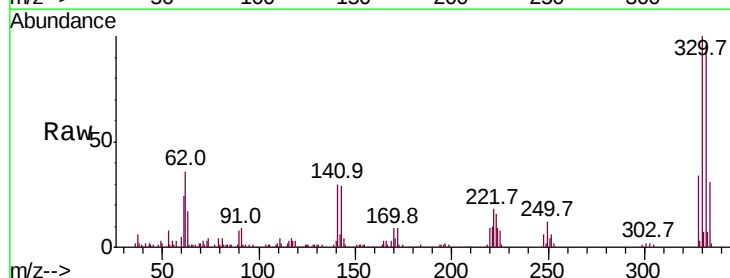
Tgt Ion:330 Resp: 160830

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

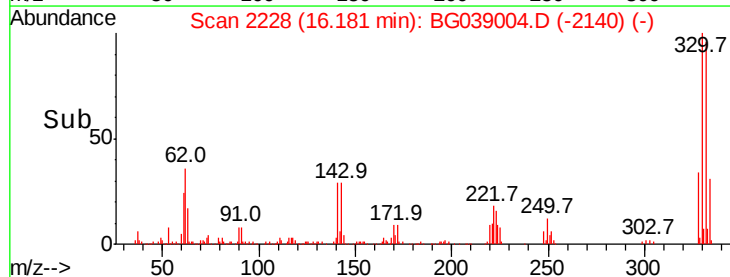
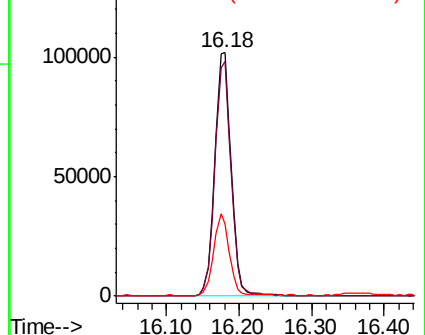
141 31.8 28.8 43.2



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

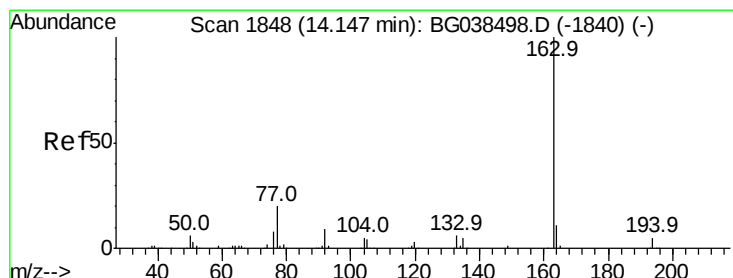
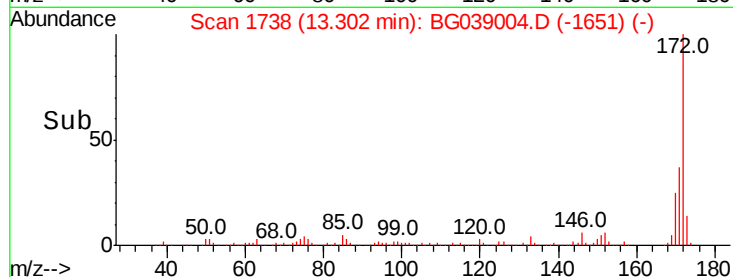
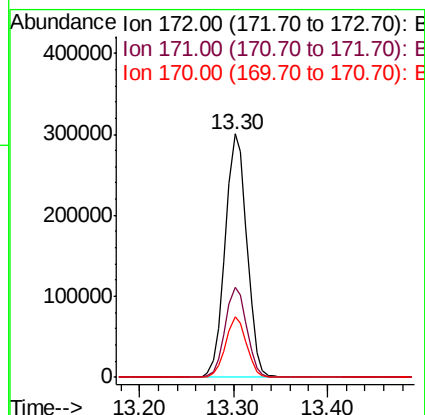
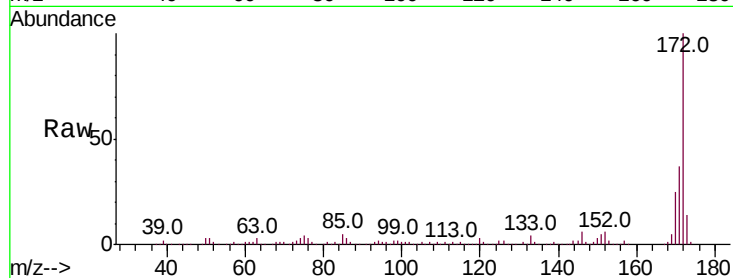




#45
 2-Fluorobiphenyl
 Concen: 95.337 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039004.D
 Acq: 8 Jan 2019 21:49

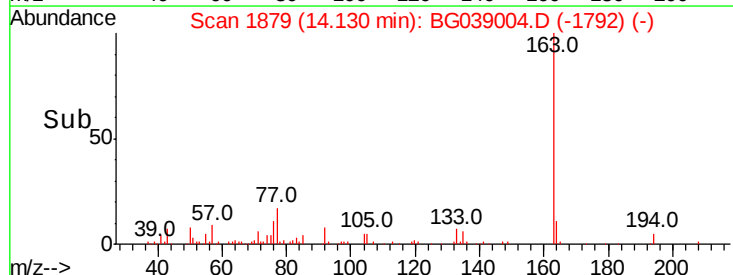
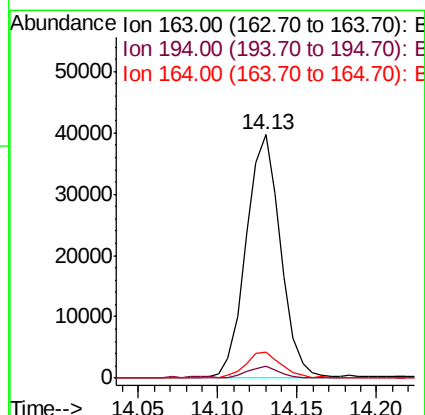
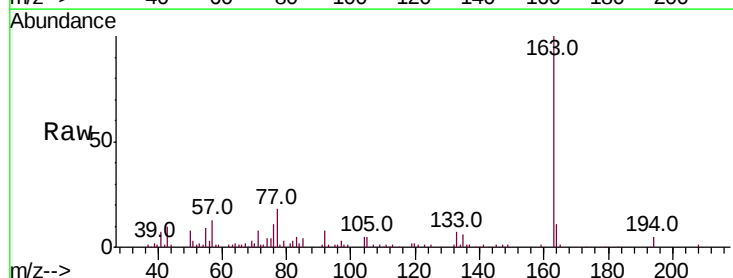
Instrument :
 BNA_G
 ClientSampleId :
 W12-8

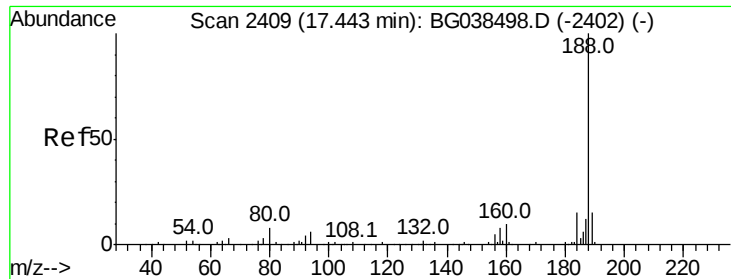
Tot Ion:172 Resp: 485272
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 24.8 19.5 29.3



#50
 Dimethylphthalate
 Concen: 10.538 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG039004.D
 Acq: 8 Jan 2019 21:49

Tgt Ion:163 Resp: 60089
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.7 5.5
 164 10.8 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

W12-8

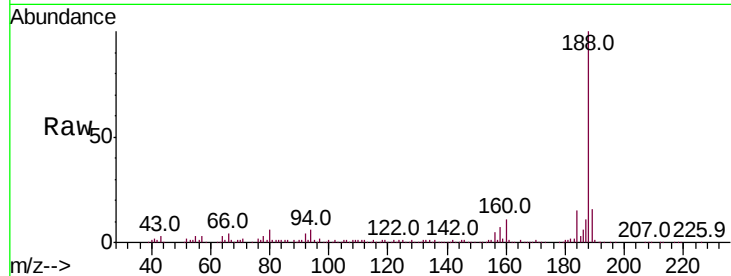
Tot Ion:188 Resp: 157913

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

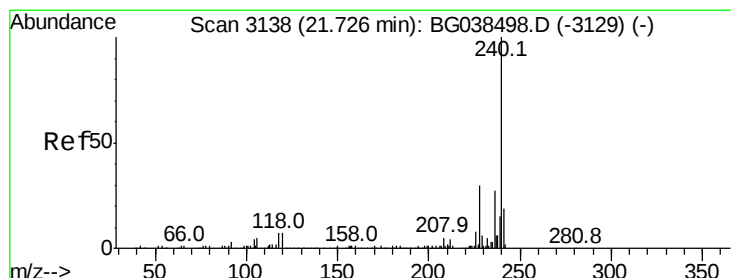
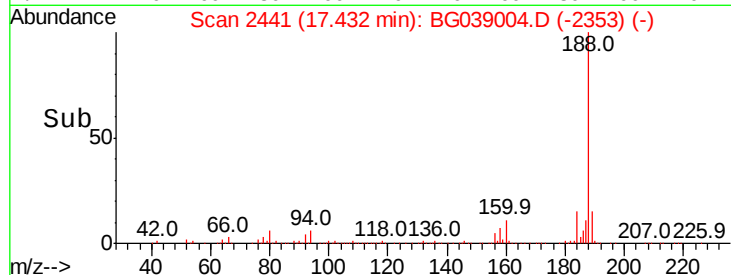
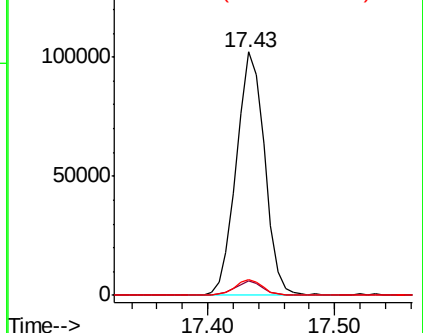
80 6.4 6.1 9.1



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

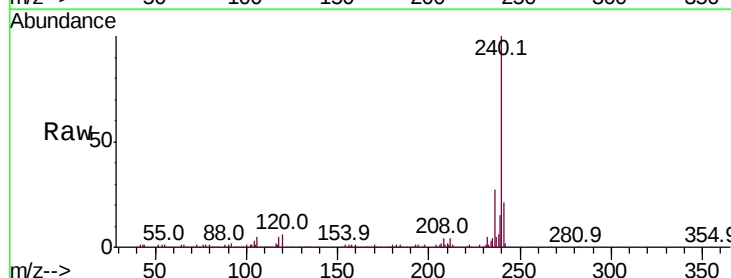
Tgt Ion:240 Resp: 177636

Ion Ratio Lower Upper

240 100

120 5.9 5.3 7.9

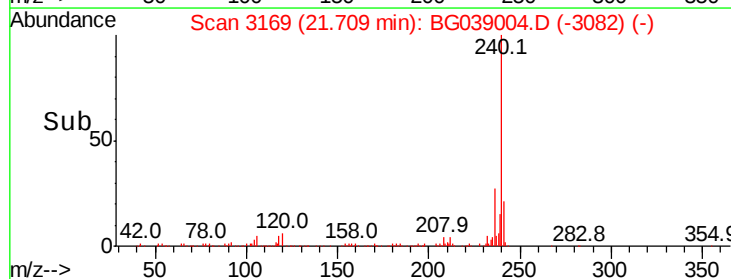
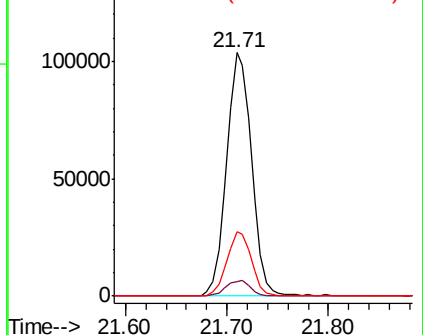
236 26.5 21.4 32.2

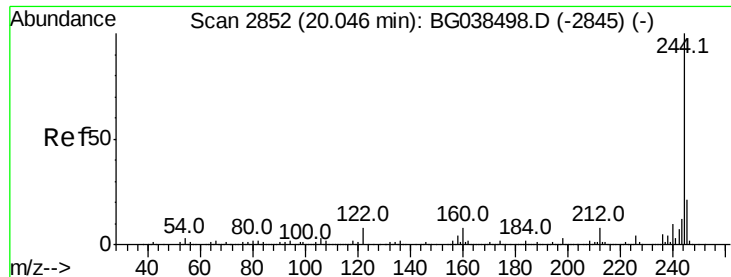


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.798 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

W12-8

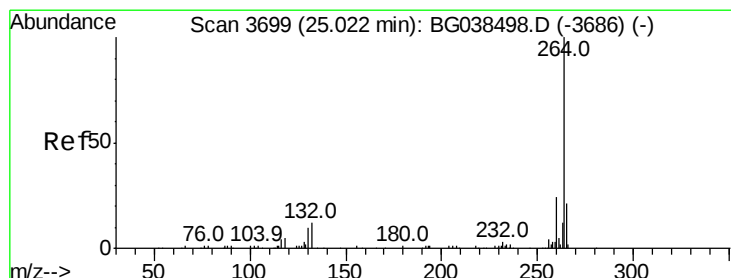
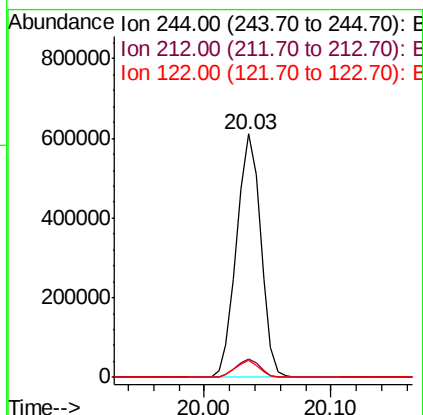
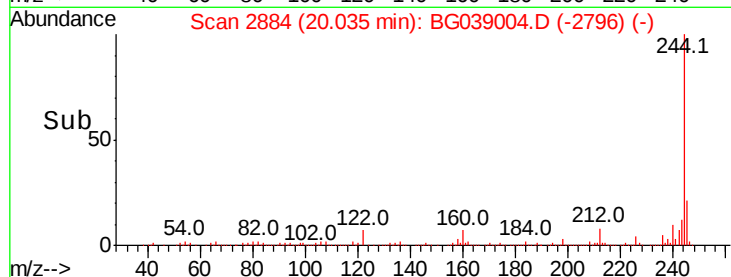
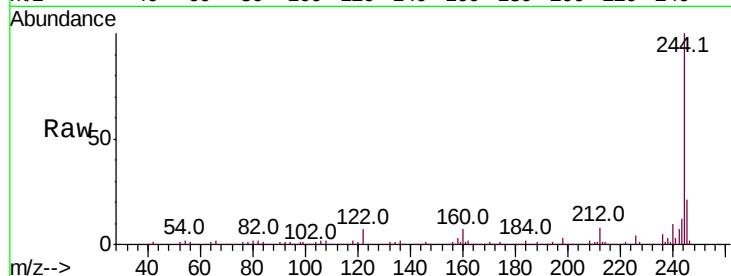
Tot Ion:244 Resp: 806410

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 6.8 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039004.D

Acq: 8 Jan 2019 21:49

Tgt Ion:264 Resp: 191421

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.6 17.0 25.4

