

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041238.D
 Acq On : 14 Jun 2019 2:30
 Operator : HP/JU
 Sample : K3340-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-2

Quant Time: Jun 14 05:59:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

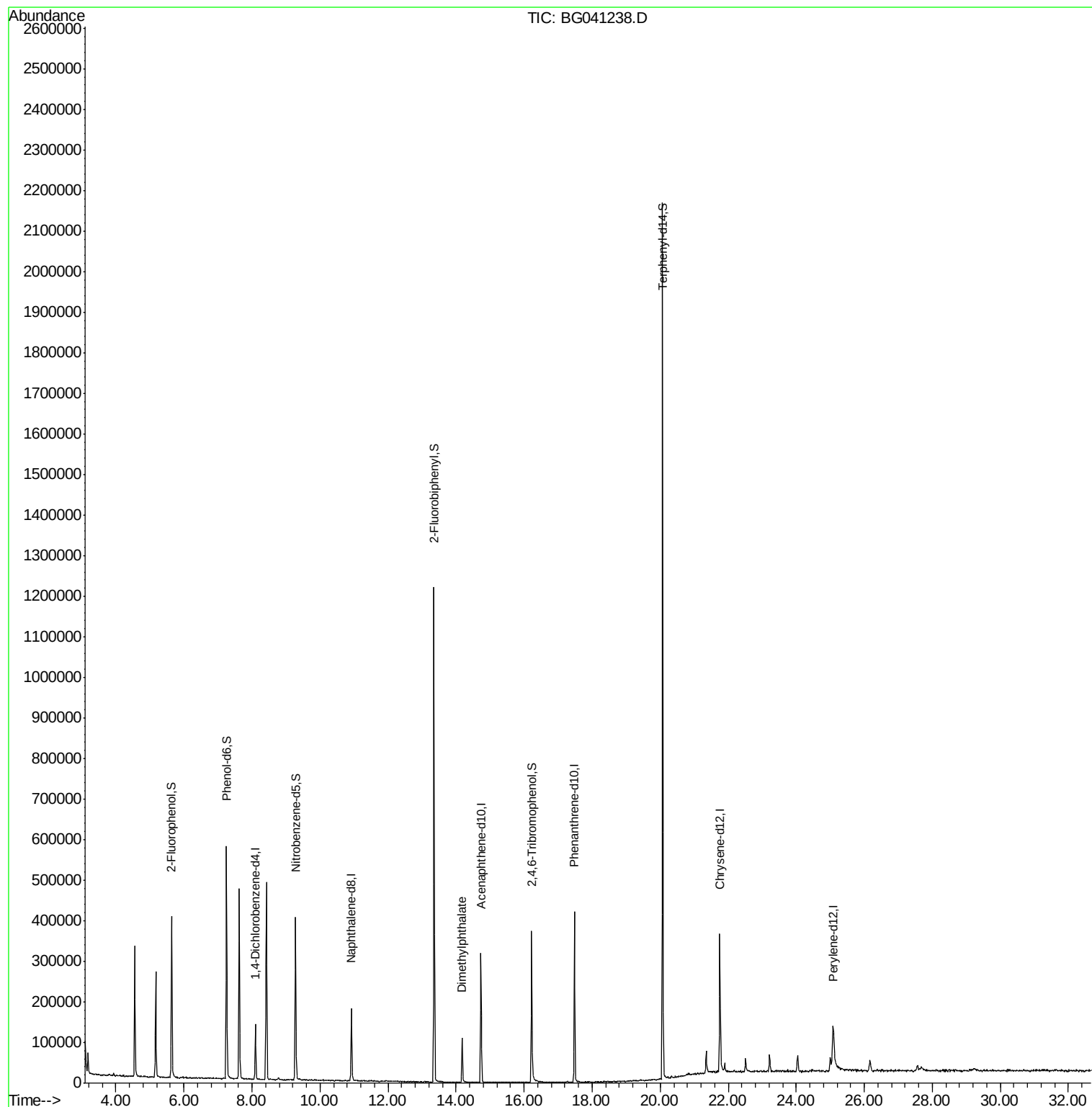
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	36453	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	154883	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	109654	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	274344	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255117	20.00	ng	0.00
87) Perylene-d12	25.09	264	200615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	157746	78.03	ng	0.00
7) Phenol-d6	7.25	99	302823	96.99	ng	0.00
23) Nitrobenzene-d5	9.28	82	253783	72.74	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	78269	48.08	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	624129	81.97	ng	0.00
79) Terphenyl-d14	20.07	244	1059899	88.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	82021	8.836	ng	Qvalue 98

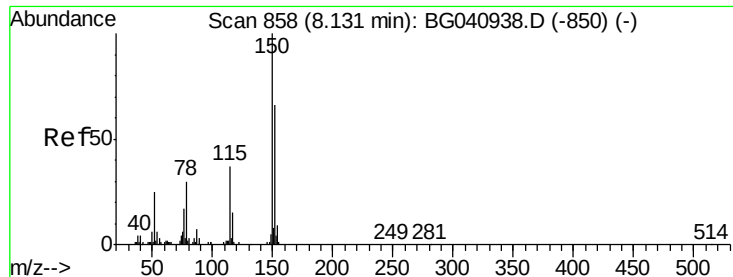
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG041238.D

Acq: 14 Jun 2019 2:30

Instrument :

BNA_G

ClientSampleId :

BUS-2

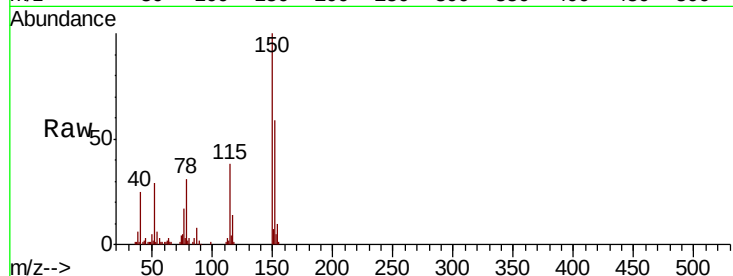
Tot Ion:152 Resp: 36453

Ion Ratio Lower Upper

152 100

150 170.8 120.6 180.8

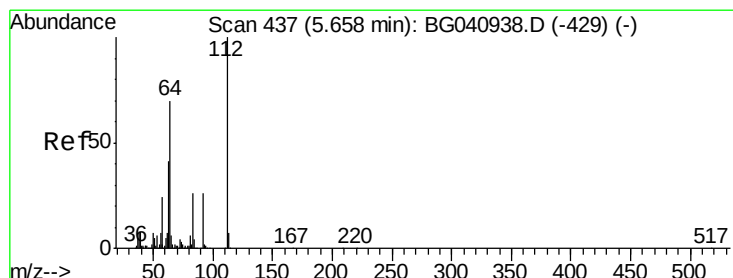
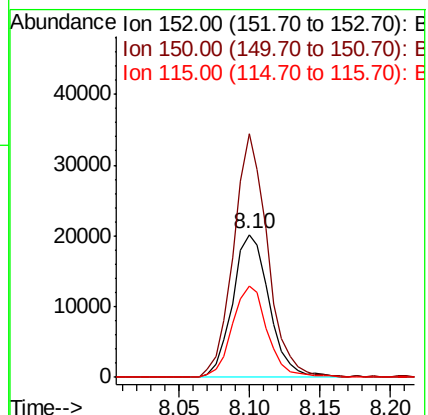
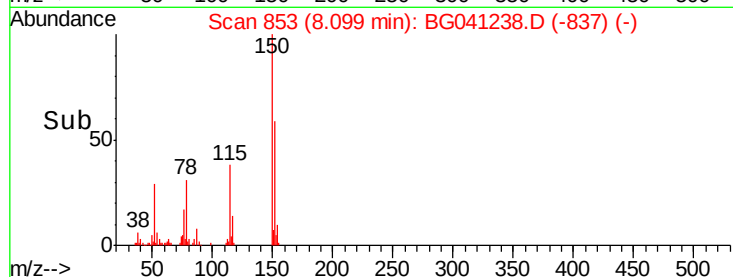
115 64.1 45.1 67.7



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: 78.032 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041238.D

Acq: 14 Jun 2019 2:30

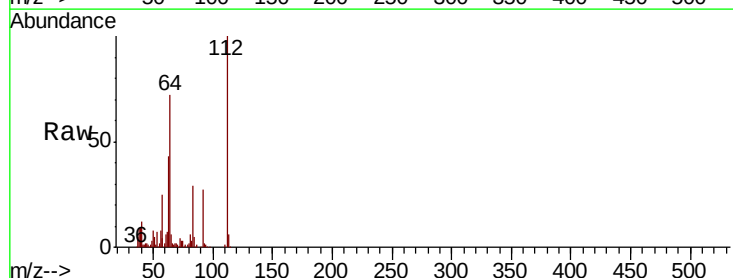
Tgt Ion:112 Resp: 157746

Ion Ratio Lower Upper

112 100

64 71.5 56.2 84.2

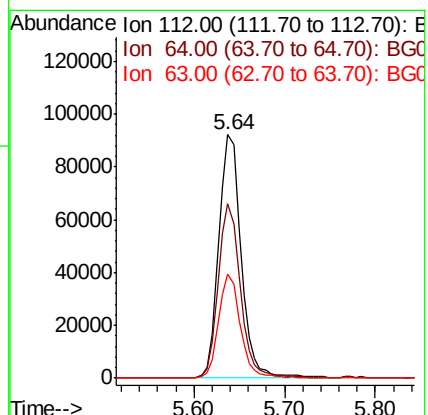
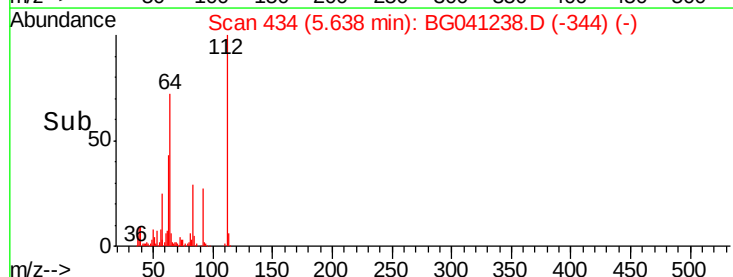
63 42.8 32.8 49.2

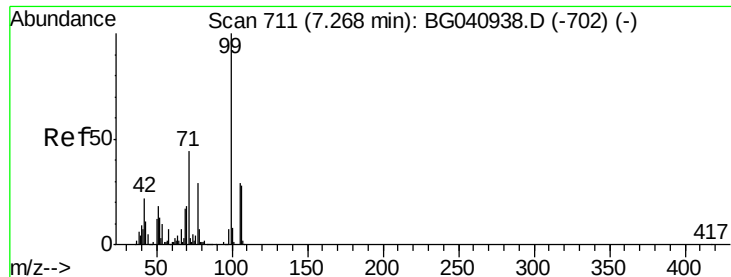


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 96.994 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041238.D

Acq: 14 Jun 2019 2:30

Instrument :

BNA_G

ClientSampleId :

BUS-2

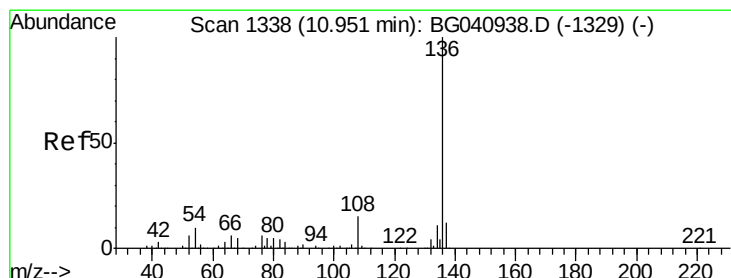
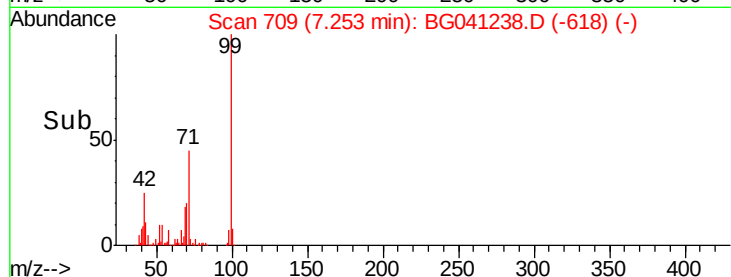
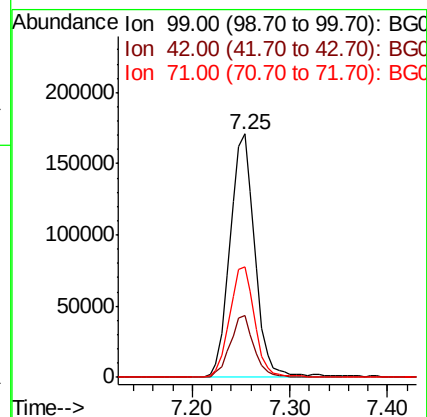
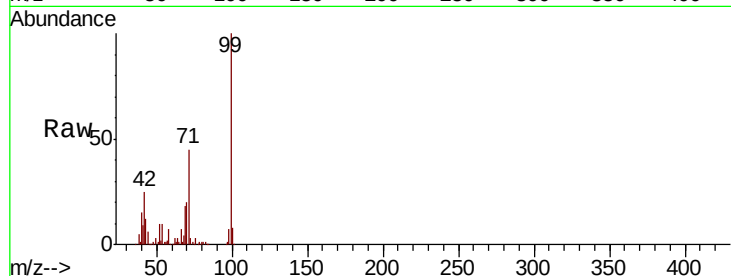
Tot Ion: 99 Resp: 302823

Ion Ratio Lower Upper

99 100

42 25.3 17.9 26.9

71 45.5 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041238.D

Acq: 14 Jun 2019 2:30

Tgt Ion: 136 Resp: 154883

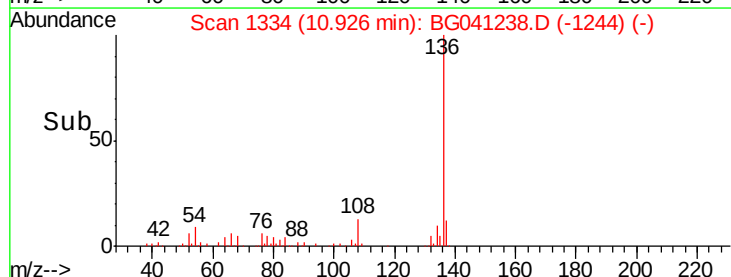
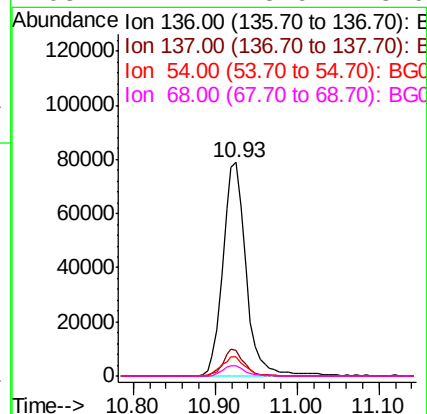
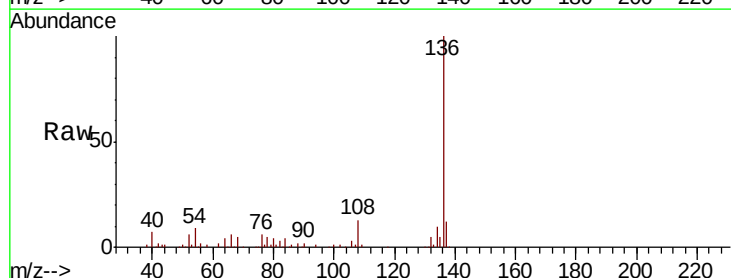
Ion Ratio Lower Upper

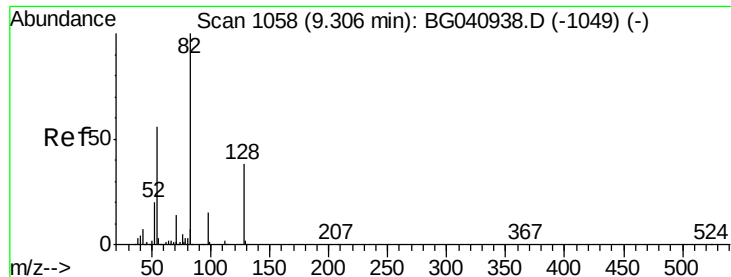
136 100

137 12.1 9.5 14.3

54 8.8 7.6 11.4

68 4.7 3.9 5.9

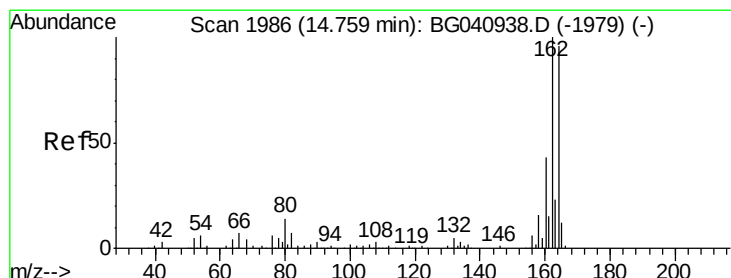
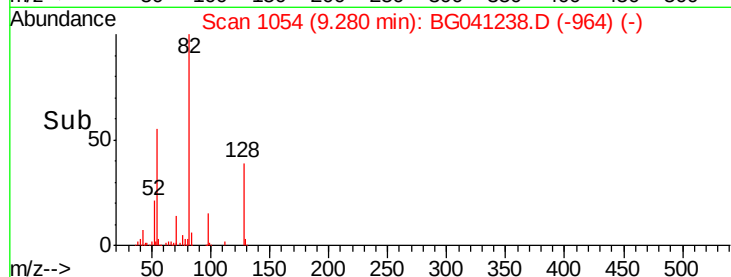
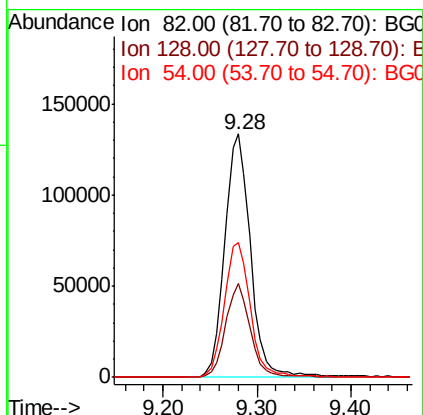
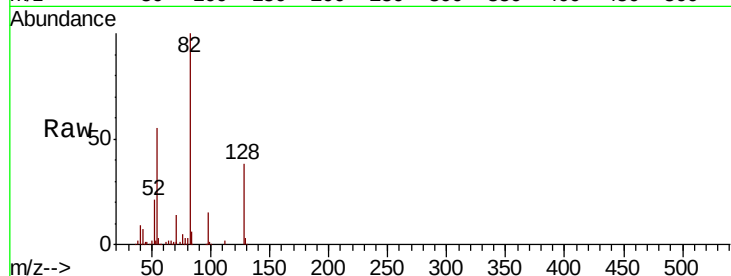




#23
Nitrobenzene-d5
Concen: 72.741 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041238.D
Acq: 14 Jun 2019 2:30

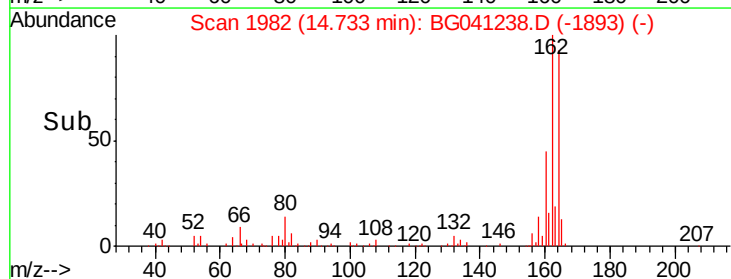
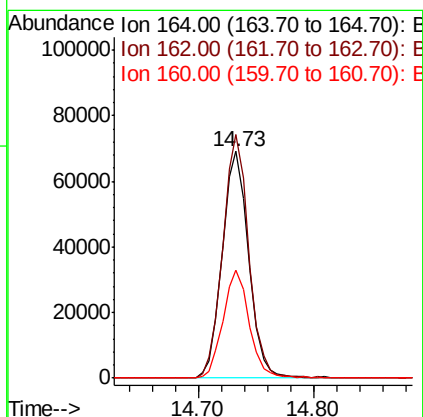
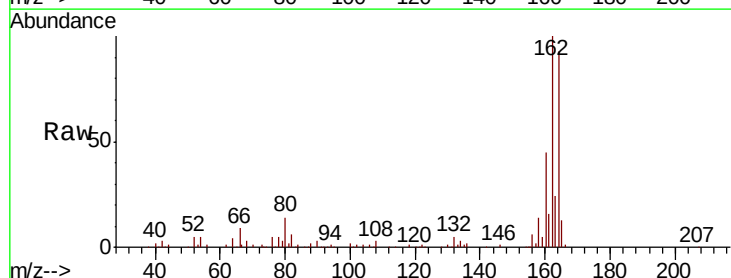
Instrument :
BNA_G
ClientSampleId :
BUS-2

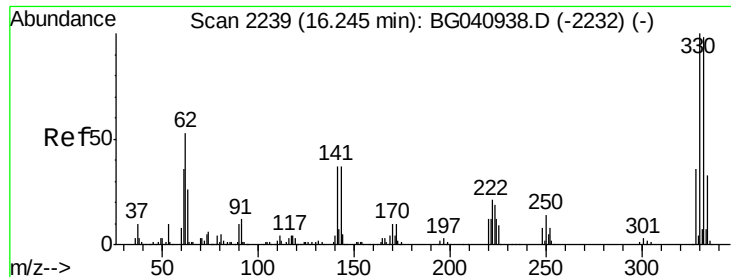
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.5	45.7
54	55.4	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041238.D
Acq: 14 Jun 2019 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.0	124.4
160	47.9	35.6	53.4

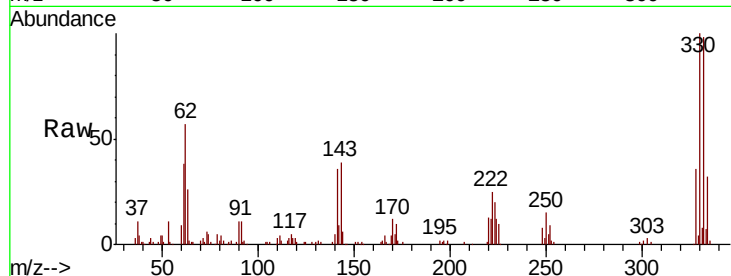




#42
 2,4,6-Tribromophenol
 Concen: 48.080 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG041238.D
 Acq: 14 Jun 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 BUS-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.5	117.7
141	35.9	28.7	43.1

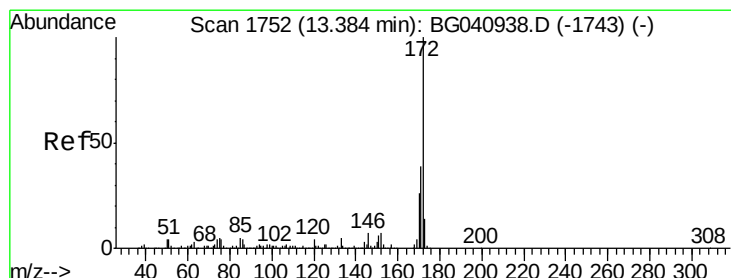
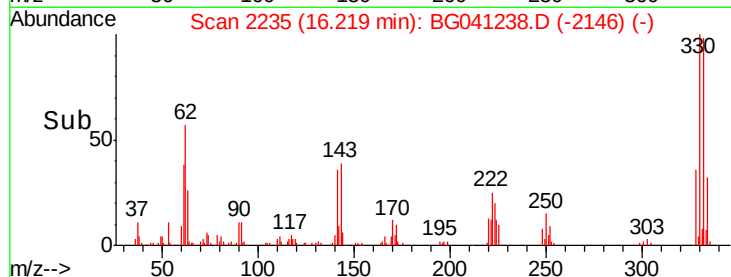
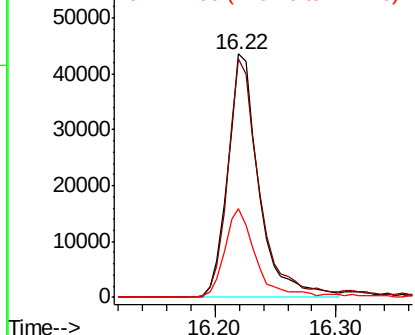


Abundance

Ion 329.80 (329.50 to 330.50): E

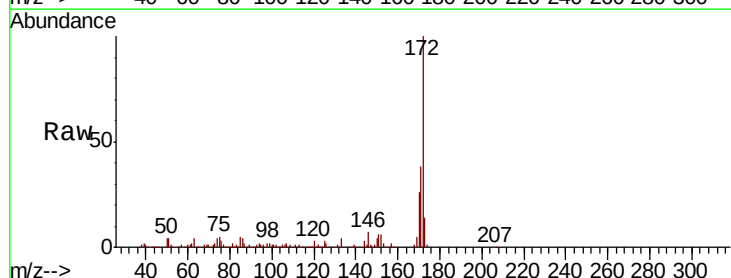
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.968 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG041238.D
 Acq: 14 Jun 2019 2:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.1	46.7
170	25.5	20.5	30.7

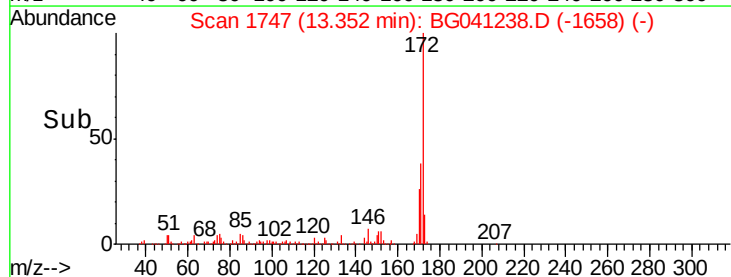
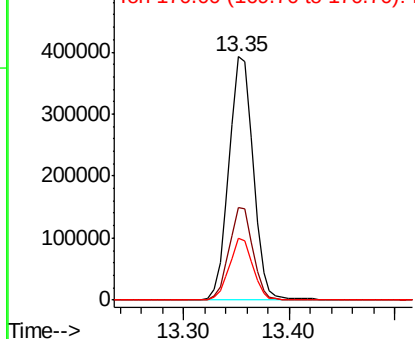


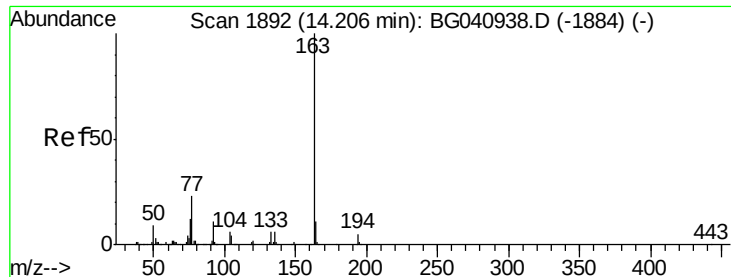
Abundance

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: 8.836 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG041238.D

Acq: 14 Jun 2019 2:30

Instrument :

BNA_G

ClientSampleId :

BUS-2

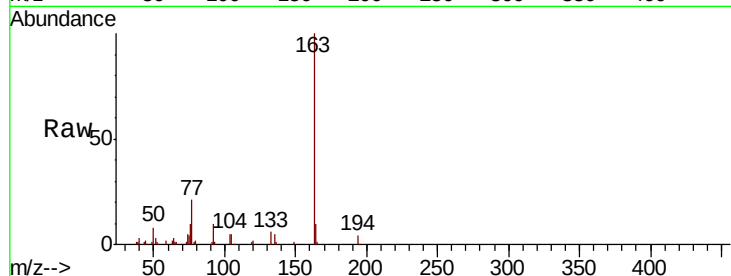
Tot Ion:163 Resp: 82021

Ion Ratio Lower Upper

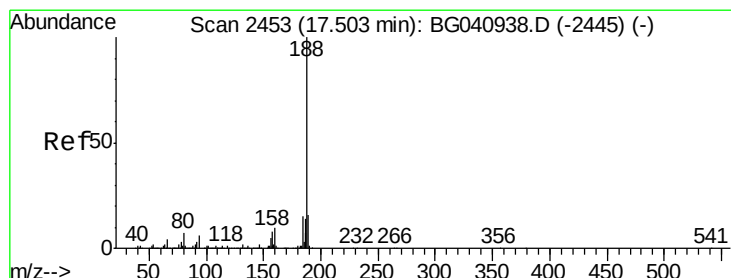
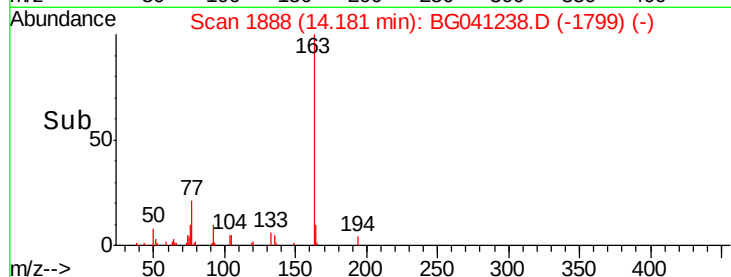
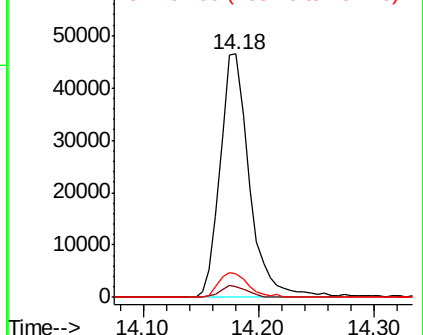
163 100

194 4.2 3.8 5.8

164 9.9 8.7 13.1



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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG041238.D

Acq: 14 Jun 2019 2:30

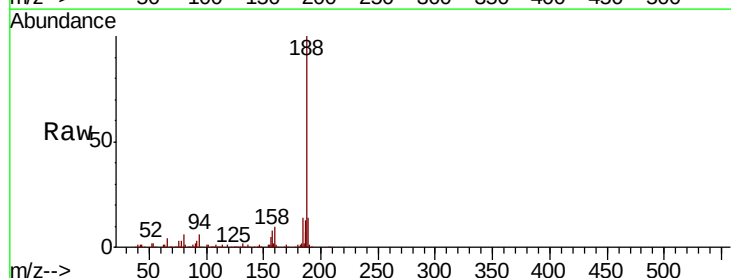
Tgt Ion:188 Resp: 274344

Ion Ratio Lower Upper

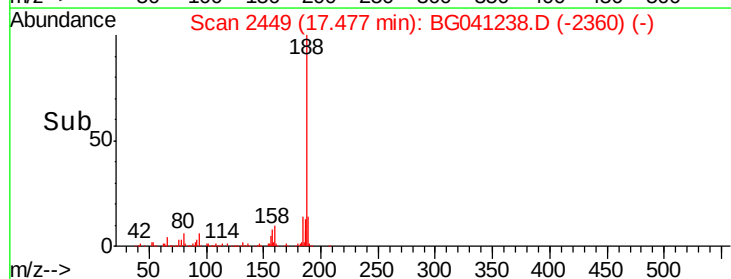
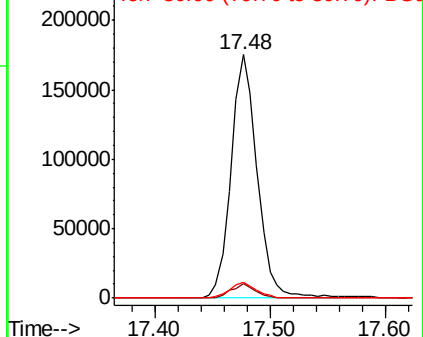
188 100

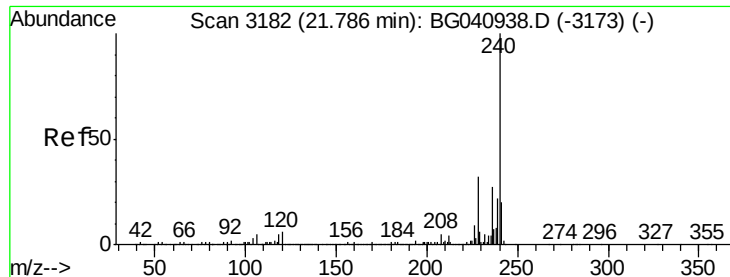
94 6.0 4.7 7.1

80 6.4 5.8 8.8



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

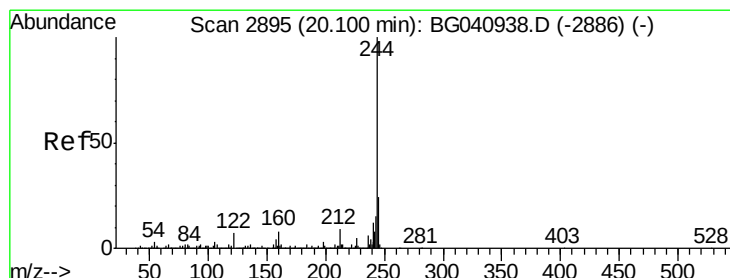
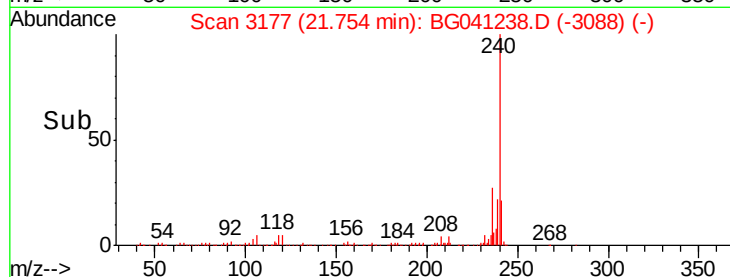
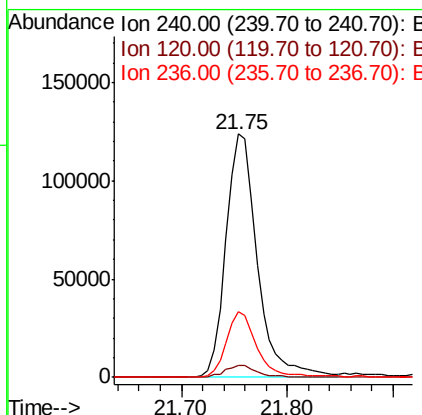
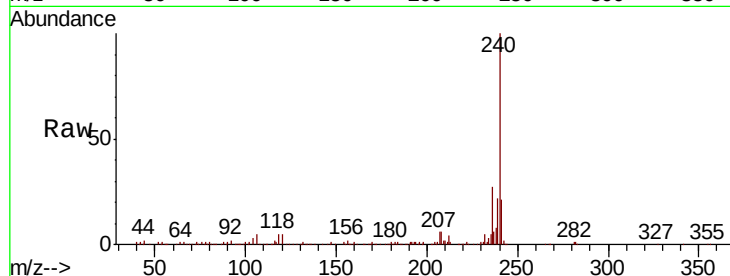




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041238.D
Acq: 14 Jun 2019 2:30

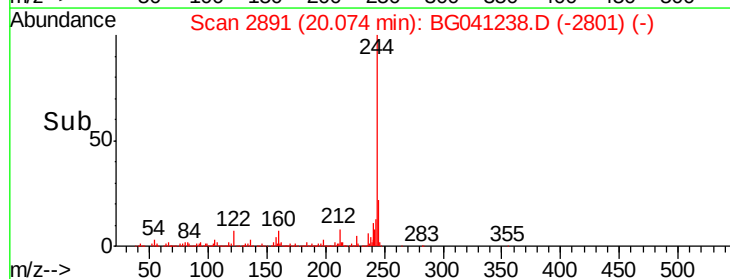
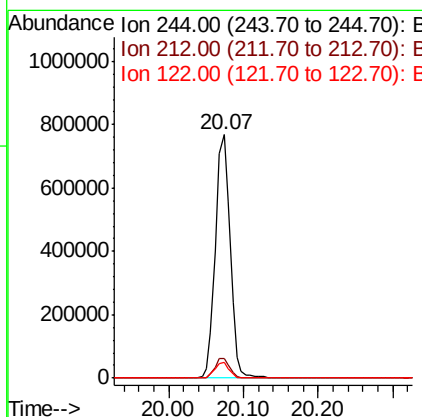
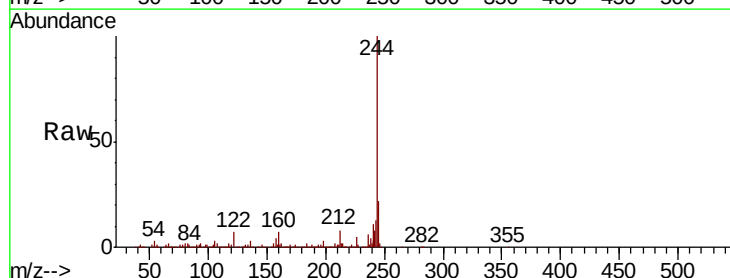
Instrument :
BNA_G
ClientSampleId :
BUS-2

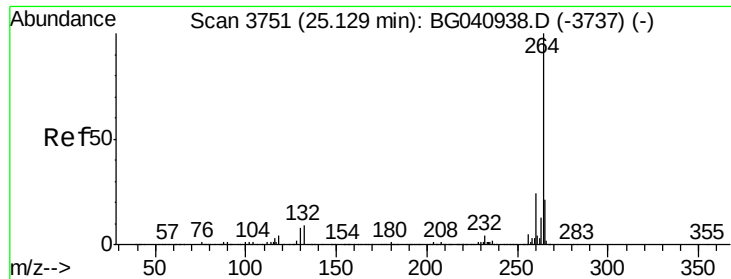
Tot Ion:240 Resp: 255117
Ion Ratio Lower Upper
240 100
120 4.9 4.5 6.7
236 27.2 21.3 31.9



#79
Terphenyl-d14
Concen: 88.174 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041238.D
Acq: 14 Jun 2019 2:30

Tgt Ion:244 Resp: 1059899
Ion Ratio Lower Upper
244 100
212 8.3 7.0 10.4
122 6.7 5.4 8.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041238.D
Acq: 14 Jun 2019 2:30

Instrument :
BNA_G
ClientSampleId :
BUS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.0	28.4
265	20.6	17.0	25.4

