

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041046.D
 Acq On : 3 Jun 2019 22:35
 Operator : HP/JU
 Sample : K3138-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-11-COMP

Quant Time: Jun 04 09:52:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

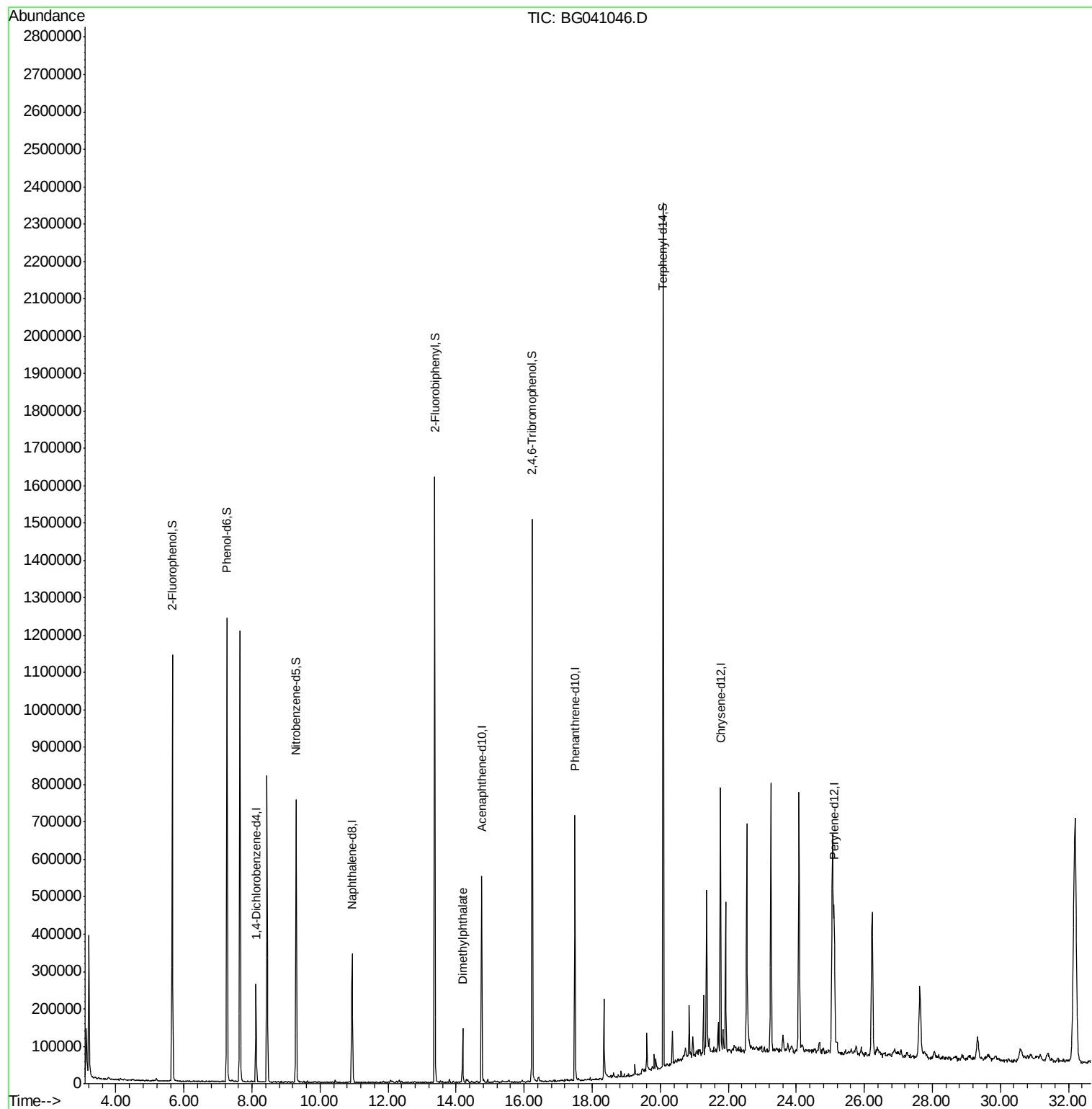
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	69563	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	274798	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	187544	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	433321	20.00	ng	0.00
76) Chrysene-d12	21.77	240	424900	20.00	ng	-0.01
87) Perylene-d12	25.11	264	448662	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	432206	112.04	ng	0.00
7) Phenol-d6	7.26	99	637017	106.92	ng	0.00
23) Nitrobenzene-d5	9.30	82	449025	72.54	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	291805	104.81	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	835134	64.13	ng	-0.01
79) Terphenyl-d14	20.09	244	1098727	54.88	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.19	163	91945	5.792	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: 8.12 min Scan# 856

Delta R.T. -0.01 min

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BNA_G

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B-11-COMP

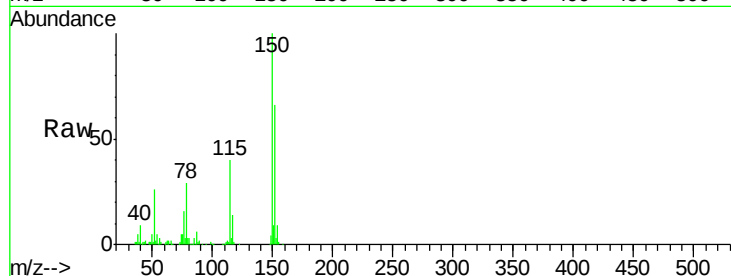
Tot Ion:152 Resp: 69563

Ion Ratio Lower Upper

152 100

150 150.4 120.6 180.8

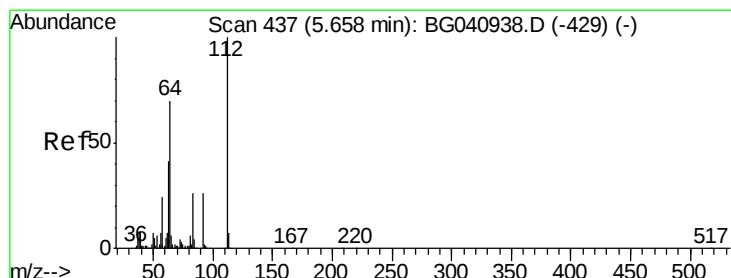
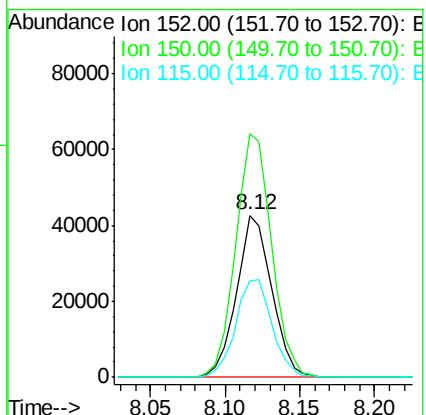
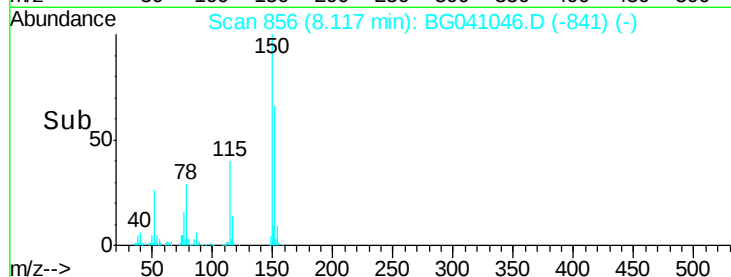
115 59.6 45.1 67.7



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: 112.036 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

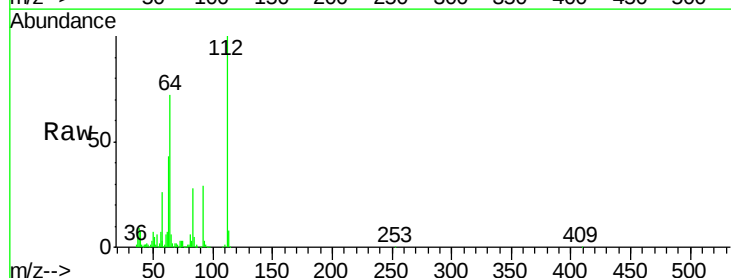
Tgt Ion:112 Resp: 432206

Ion Ratio Lower Upper

112 100

64 71.7 56.2 84.2

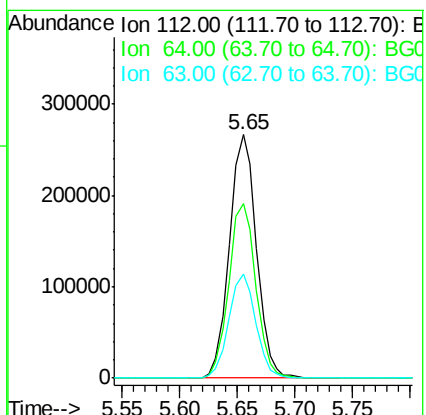
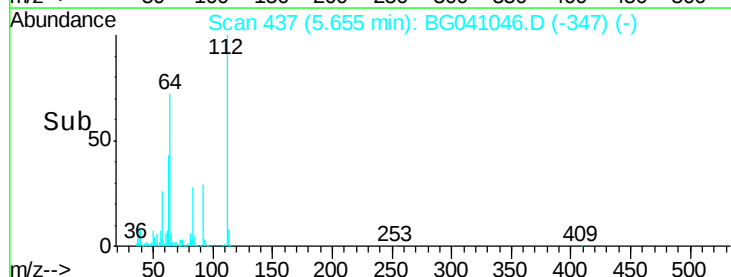
63 42.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.920 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

Instrument :

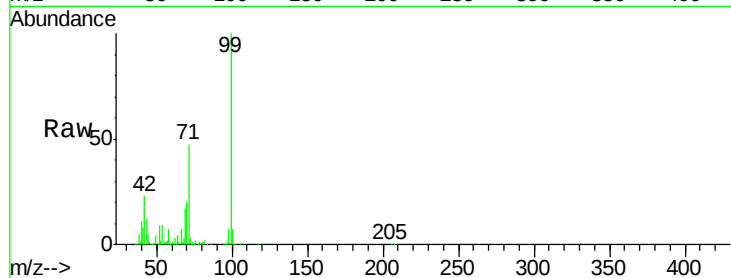
BNA_G

ClientSampleId :

B-11-COMP

Tot Ion: 99 Resp: 637017

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	47.3	35.4	53.0

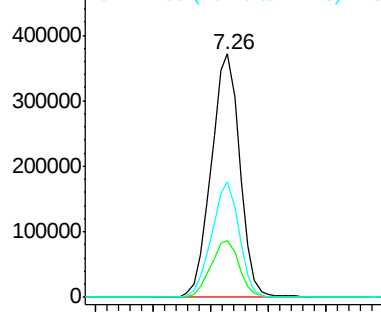


Abundance

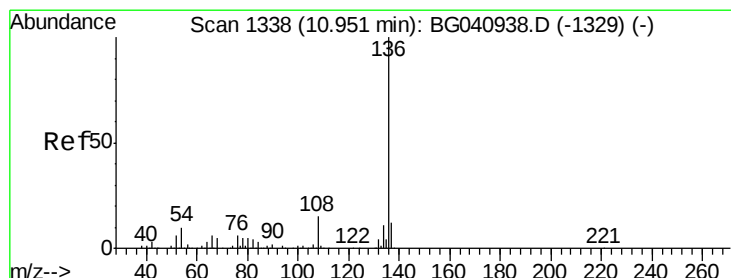
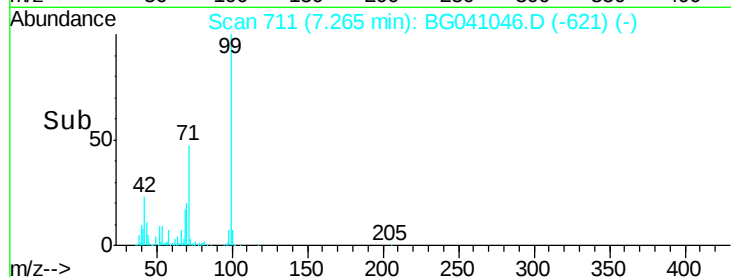
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1336

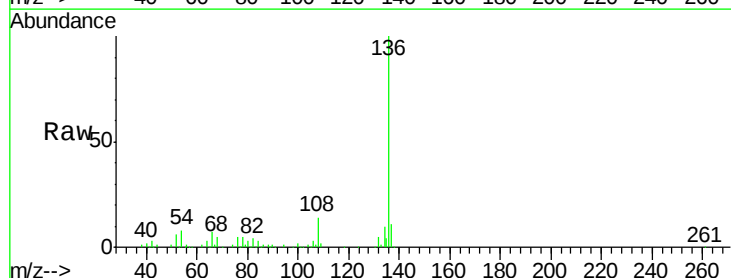
Delta R.T. -0.01 min

Lab File: BG041046.D

Acq: 3 Jun 2019 22:35

Tgt Ion: 136 Resp: 274798

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	7.5	7.6	11.4#
68	5.2	3.9	5.9



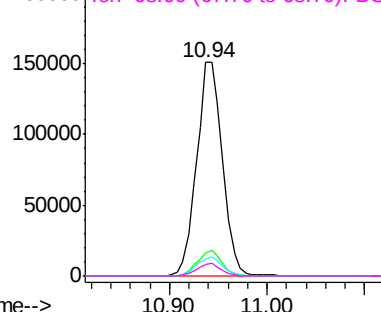
Abundance

Ion 136.00 (135.70 to 136.70): BGC

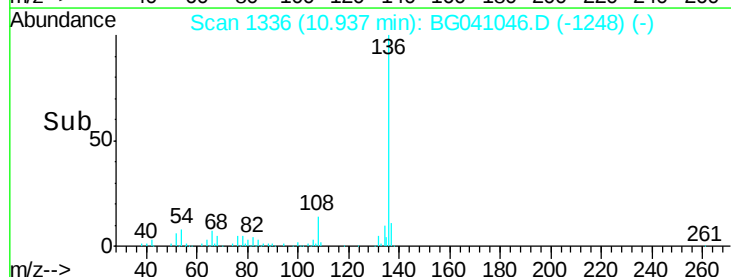
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

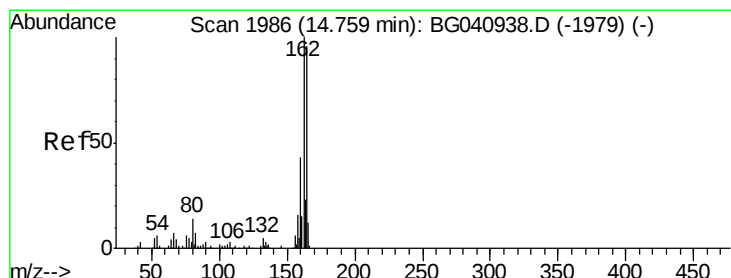
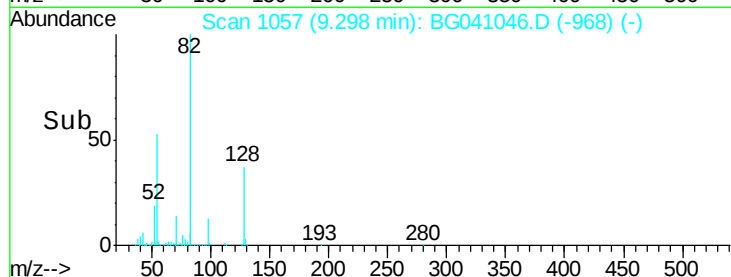
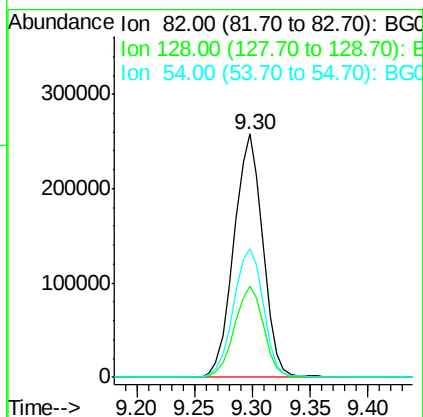
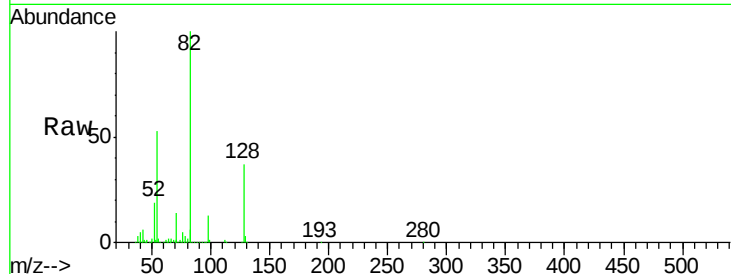




#23
Nitrobenzene-d5
Concen: 72.540 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

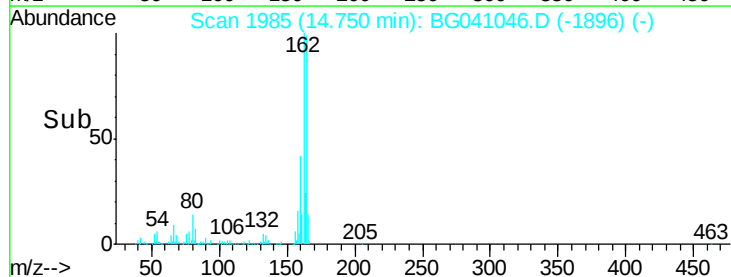
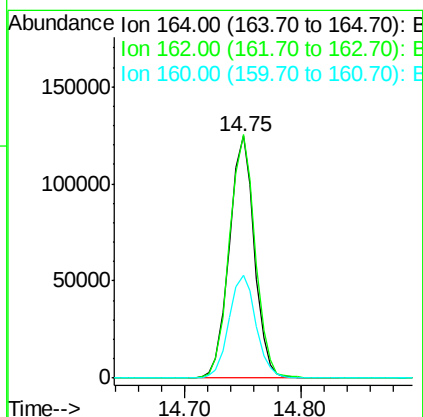
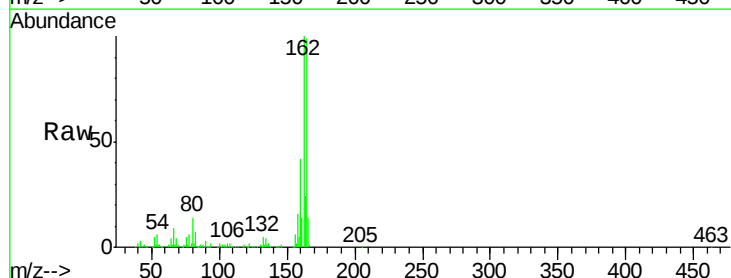
Instrument :
BNA_G
ClientSampleId :
B-11-COMP

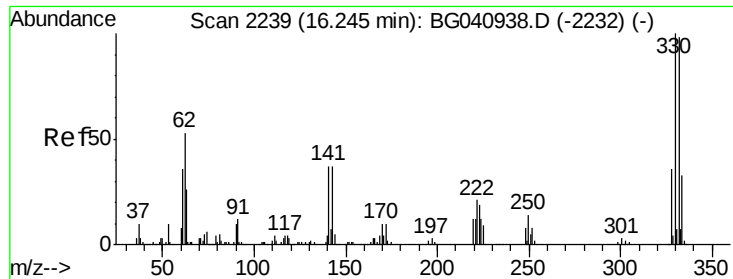
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.5	45.7
54	52.8	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.4
160	42.3	35.6	53.4

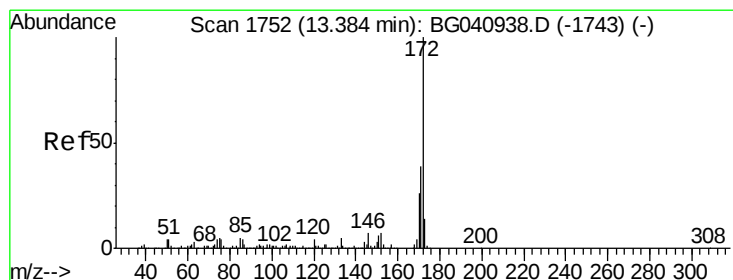
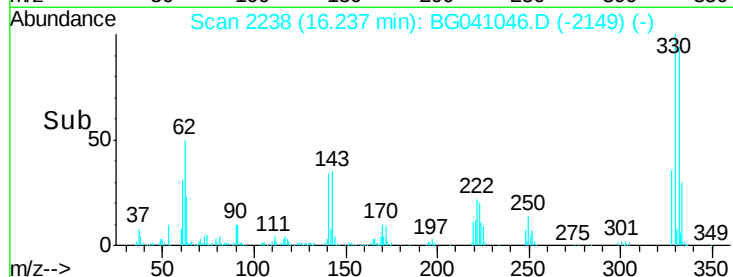
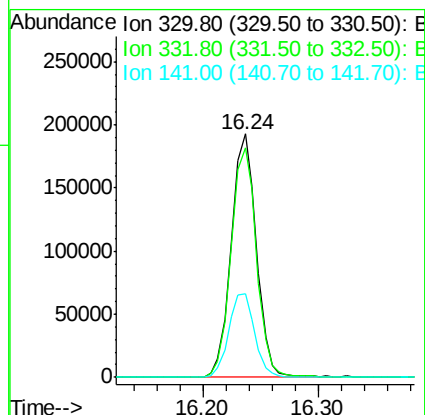
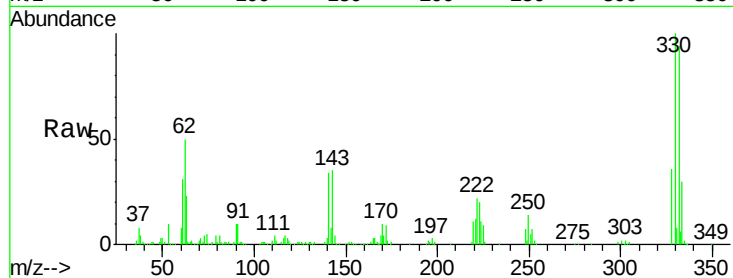




#42
 2,4,6-Tribromophenol
 Concen: 104.807 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

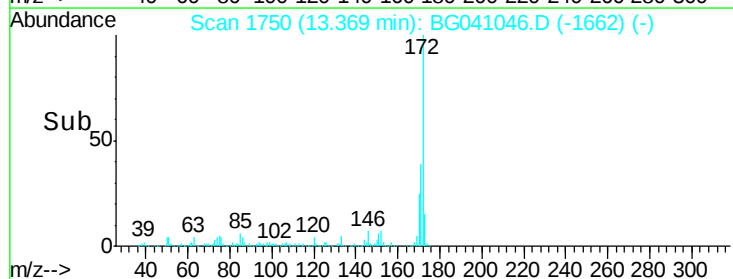
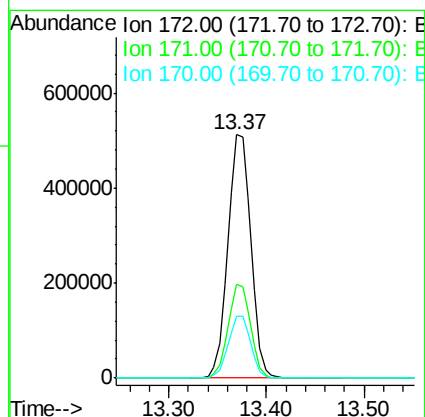
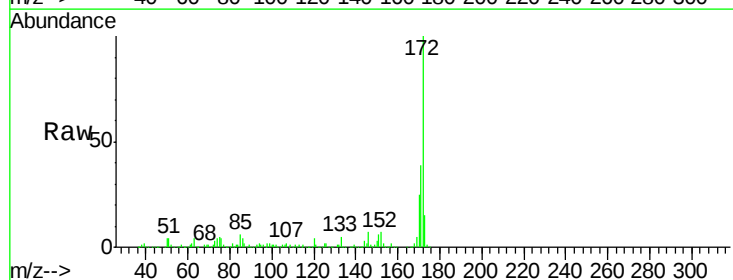
Instrument :
 BNA_G
 ClientSampleId :
 B-11-COMP

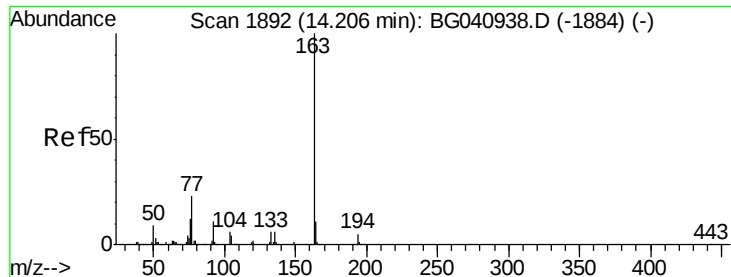
Tot Ion:330 Resp: 291805
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.5 117.7
 141 35.4 28.7 43.1



#45
 2-Fluorobiphenyl
 Concen: 64.128 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

Tgt Ion:172 Resp: 835134
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.1 46.7
 170 25.3 20.5 30.7

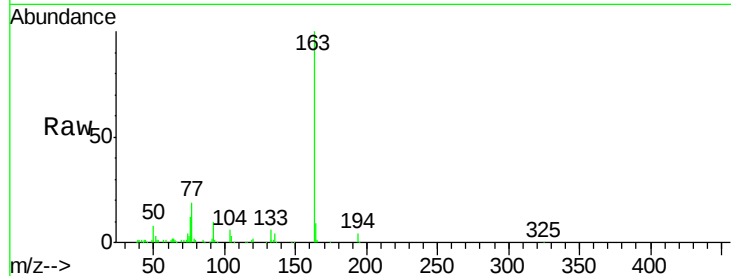




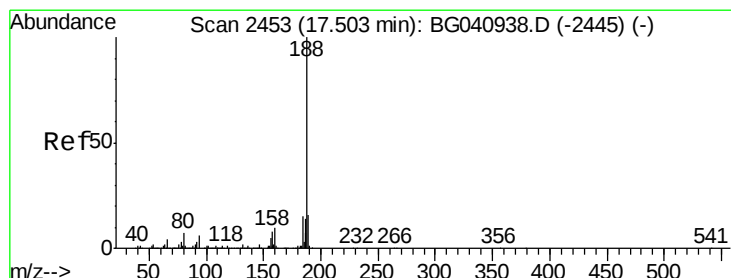
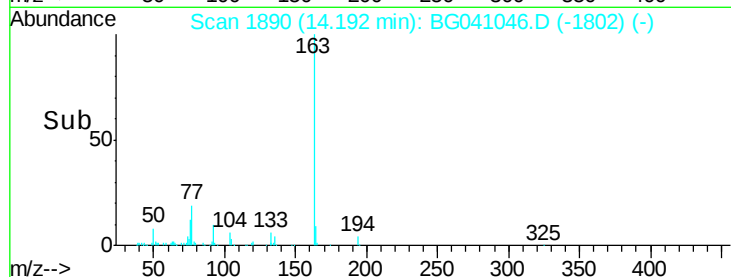
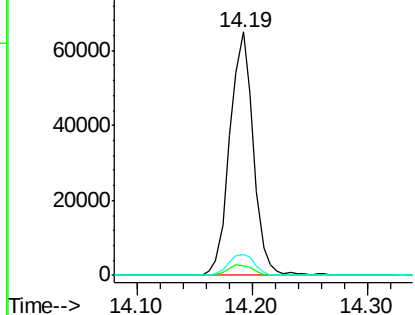
#50
Dimethylphthalate
Concen: 5.792 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Instrument :
BNA_G
ClientSampleId :
B-11-COMP

Tot Ion:163 Resp: 91945
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 8.6 8.7 13.1#

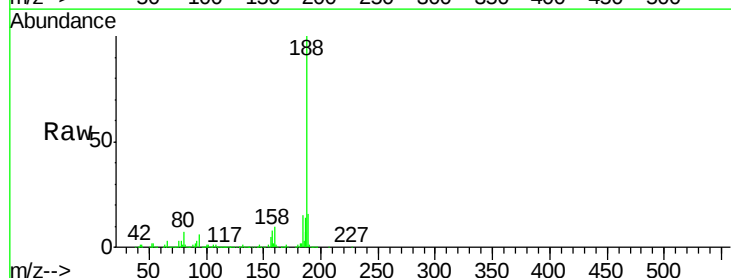


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

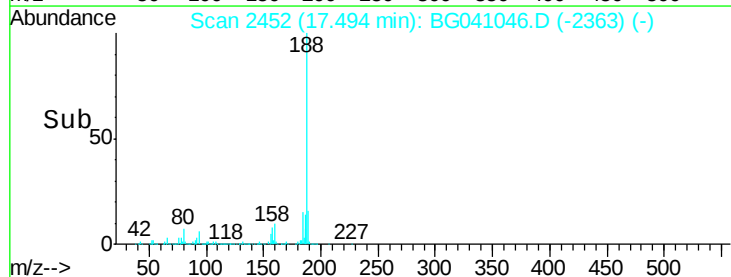
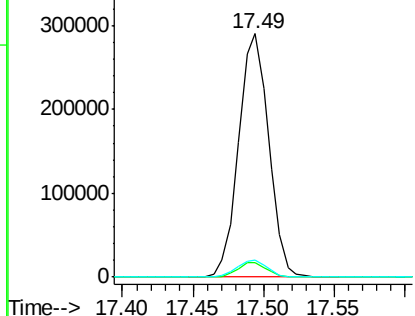


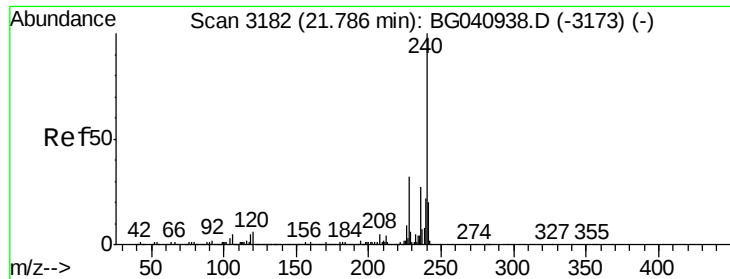
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041046.D
Acq: 3 Jun 2019 22:35

Tgt Ion:188 Resp: 433321
Ion Ratio Lower Upper
188 100
94 6.1 4.7 7.1
80 6.8 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

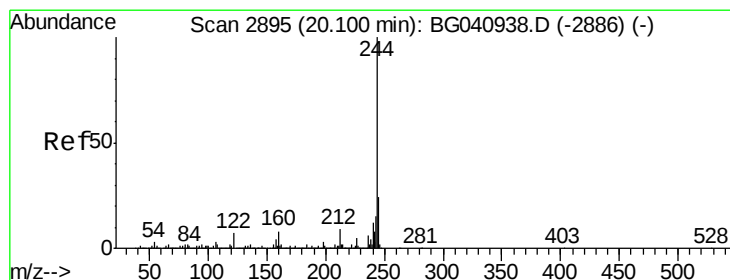
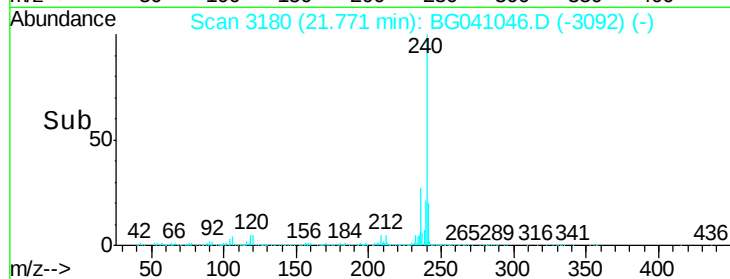
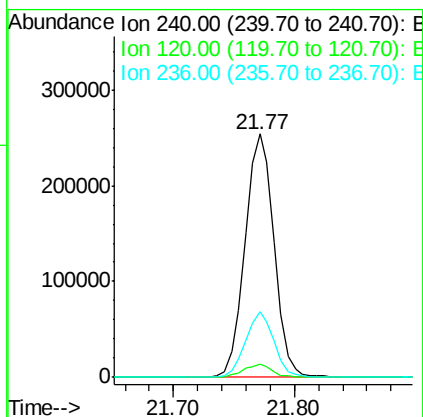
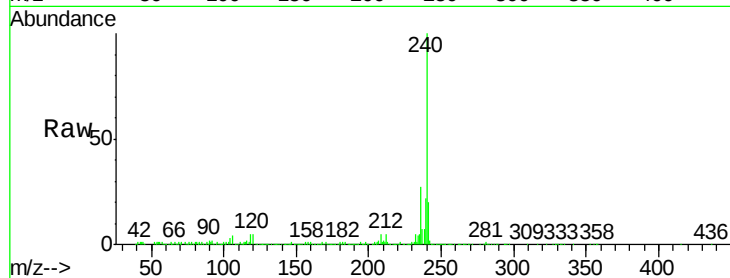




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

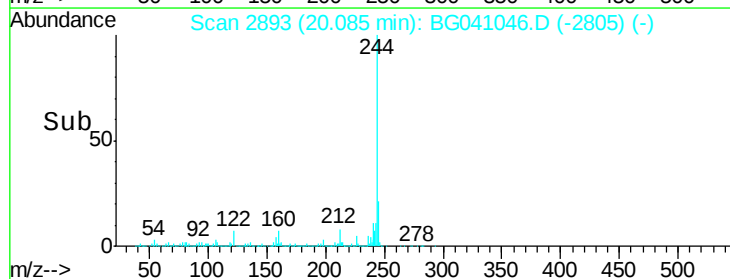
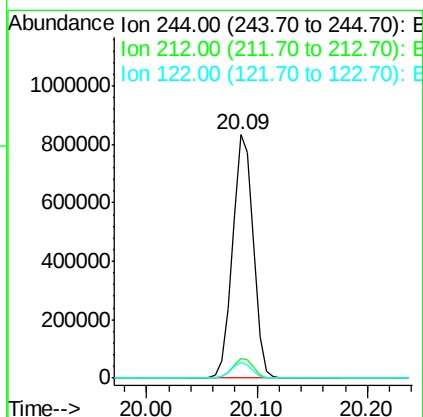
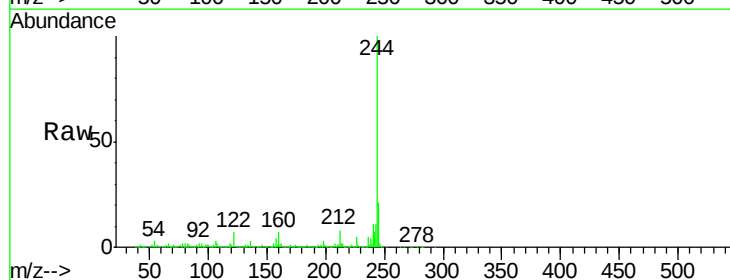
Instrument :
 BNA_G
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 B-11-COMP

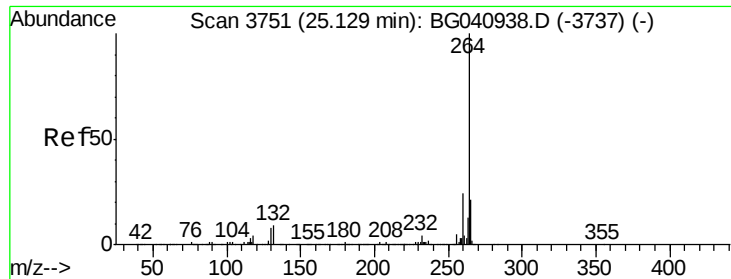
Tot Ion:240 Resp: 424900
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.5 6.7
 236 26.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 54.881 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

Tgt Ion:244 Resp: 1098727
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 6.7 5.4 8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3748
 Delta R.T. -0.02 min
 Lab File: BG041046.D
 Acq: 3 Jun 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 B-11-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	21.7	17.0	25.4

