

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040301.D
 Acq On : 2 Apr 2019 17:58
 Operator : JU/SJ
 Sample : K2179-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4S

Quant Time: Apr 03 01:21:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

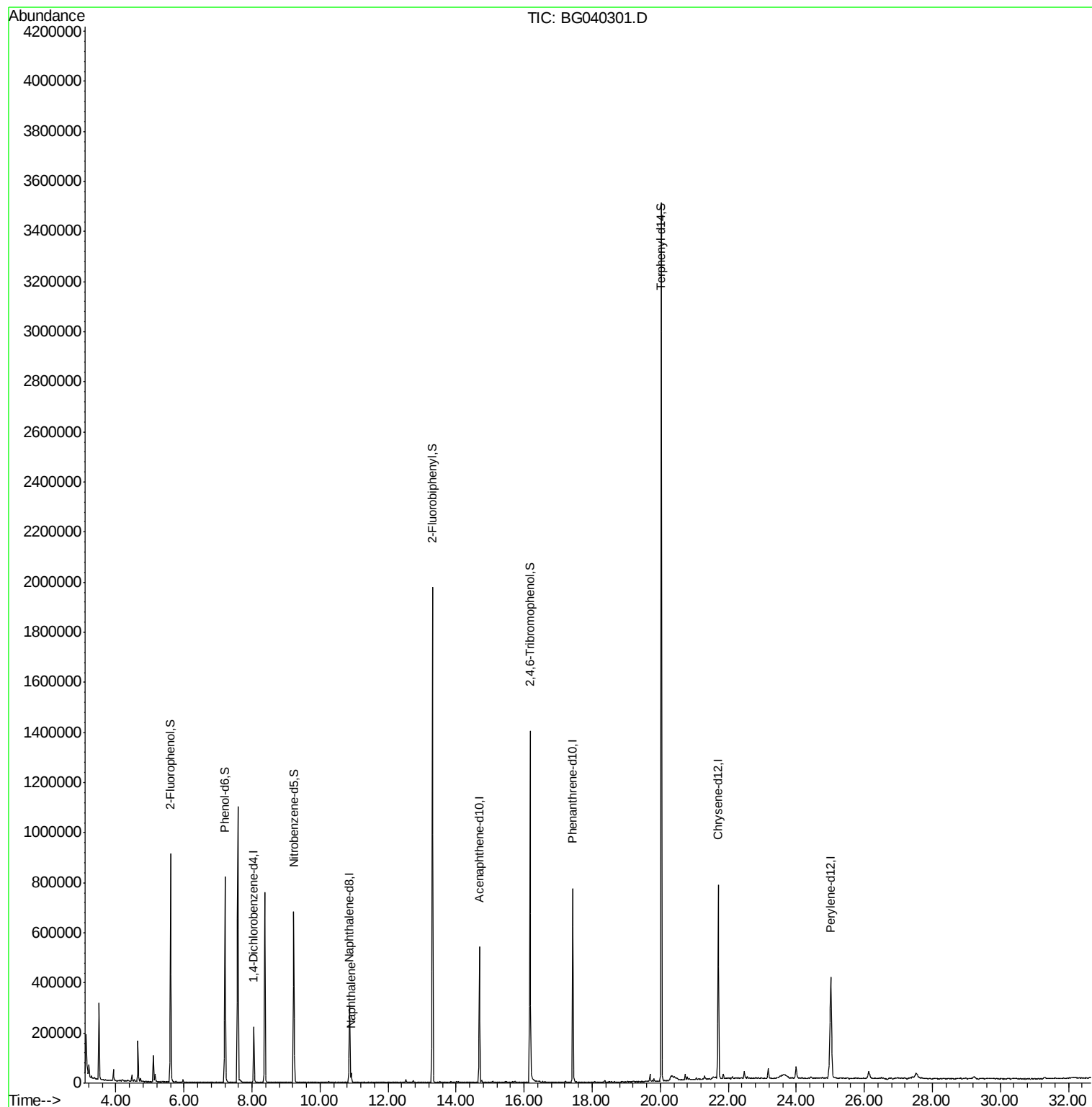
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62116	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	266058	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	192168	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	479877	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	477011	20.00	ng	-0.02
87) Perylene-d12	25.01	264	477958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	394323	105.53	ng	-0.01
7) Phenol-d6	7.21	99	489071	94.71	ng	-0.02
23) Nitrobenzene-d5	9.23	82	423331	84.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	262520	126.40	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1008929	77.80	ng	-0.02
79) Terphenyl-d14	20.03	244	1668338	78.68	ng	-0.02
Target Compounds						
31) Naphthalene	10.92	128	30546	2.240	ng	Qvalue 97

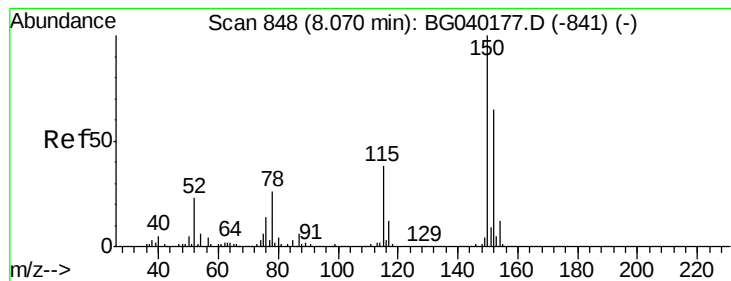
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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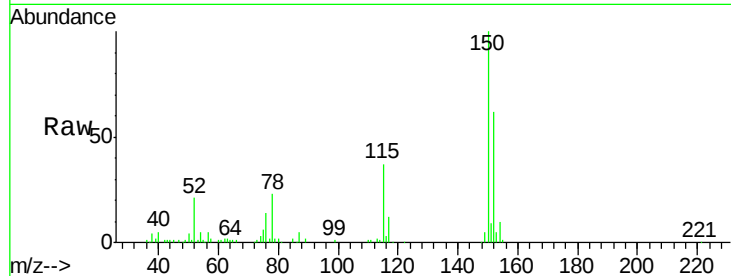




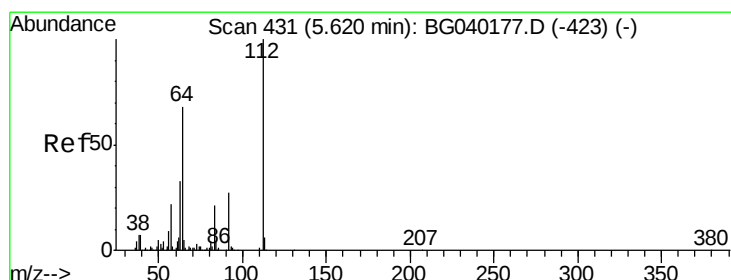
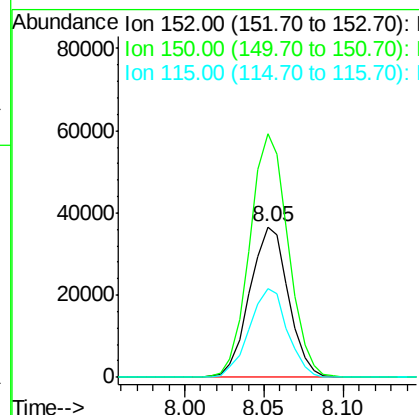
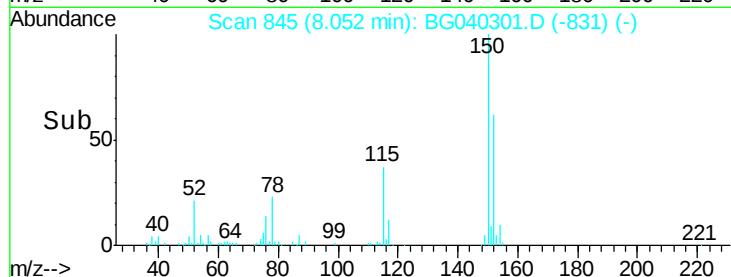
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-4S

Tgt Ion:152 Resp: 62116
 Ion Ratio Lower Upper
 152 100
 150 162.0 123.7 185.5
 115 59.4 46.9 70.3

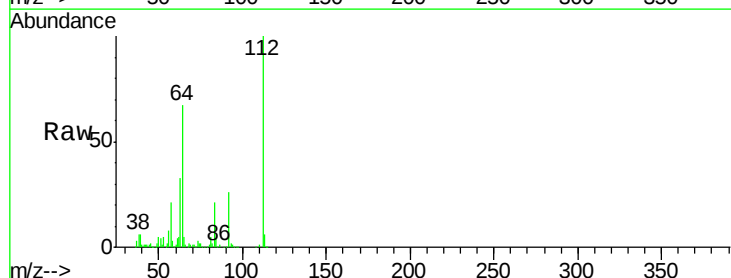


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

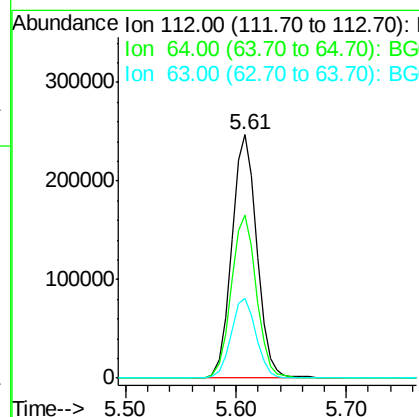
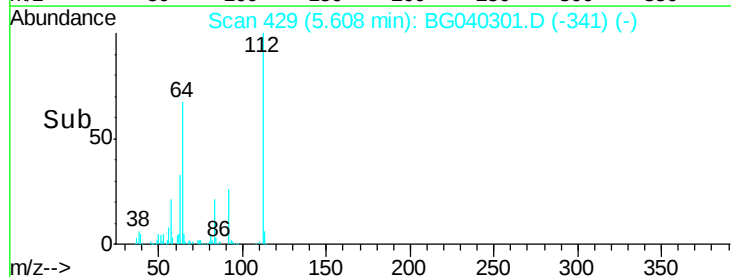


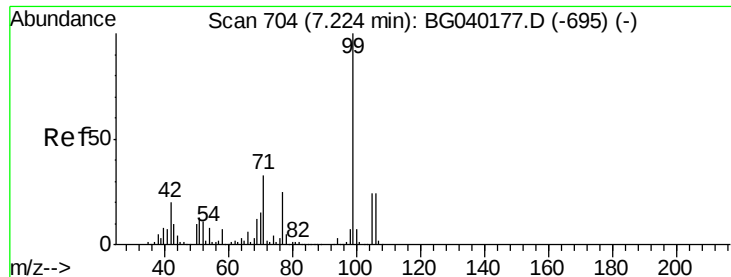
#5
 2-Fluorophenol
 Concen: 105.533 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Tgt Ion:112 Resp: 394323
 Ion Ratio Lower Upper
 112 100
 64 66.9 54.2 81.2
 63 32.6 26.4 39.6



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: 94.710 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Instrument :

BNA_G

ClientSampleId :

TP-4S

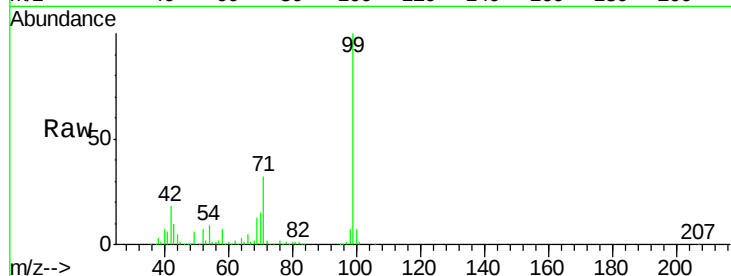
Tgt Ion: 99 Resp: 489071

Ion Ratio Lower Upper

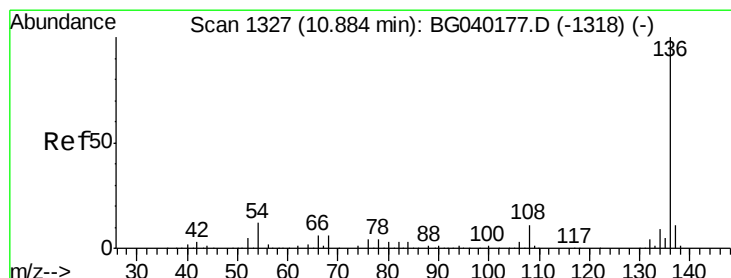
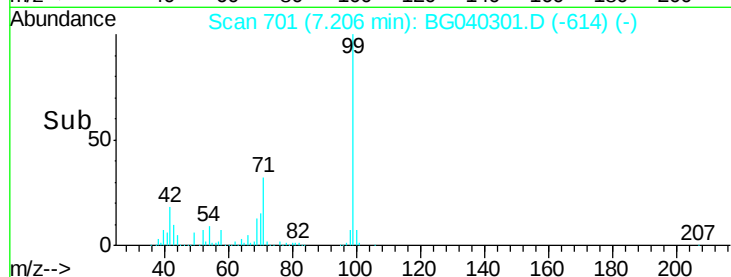
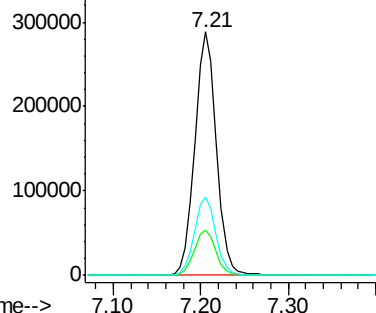
99 100

42 18.5 16.2 24.2

71 32.4 26.8 40.2



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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Tgt Ion: 136 Resp: 266058

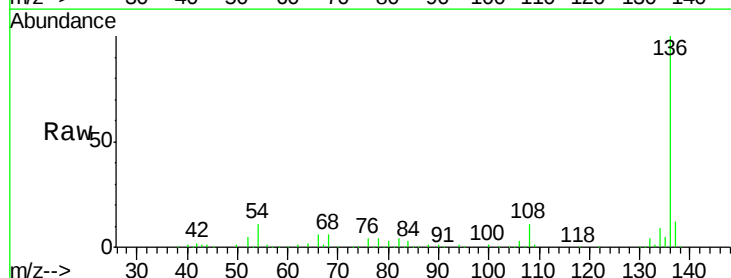
Ion Ratio Lower Upper

136 100

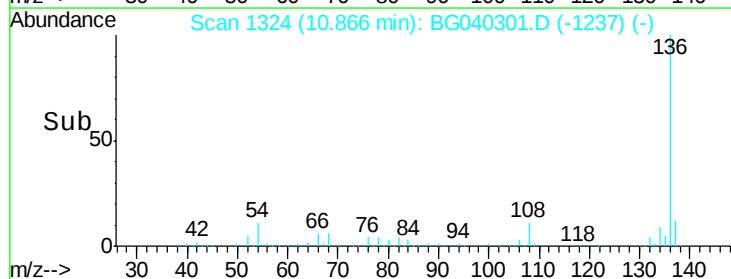
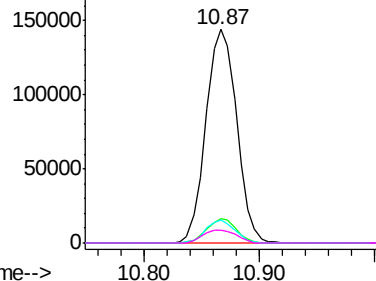
137 11.6 8.9 13.3

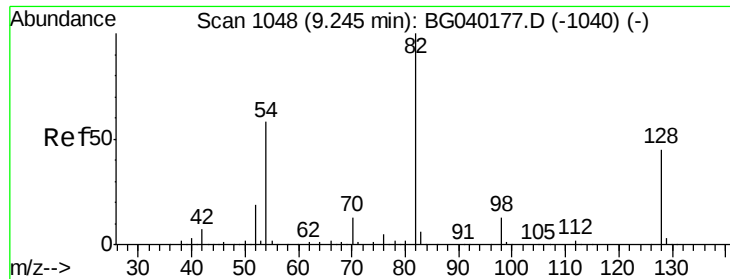
54 11.0 9.6 14.4

68 5.9 5.1 7.7



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

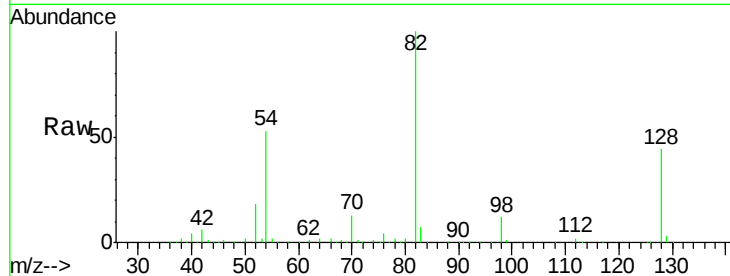




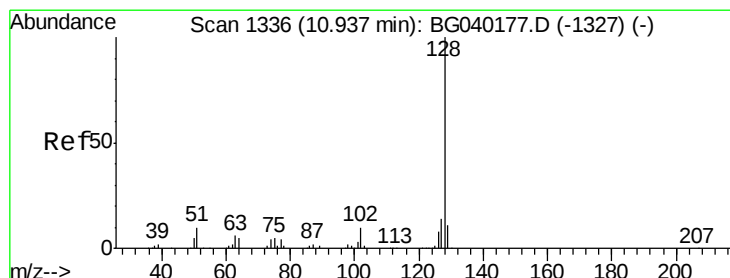
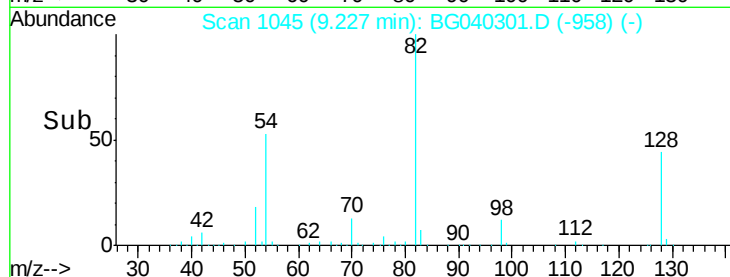
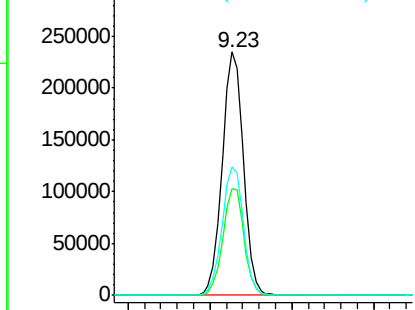
#23
 Nitrobenzene-d5
 Concen: 84.574 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-4S

Tgt Ion: 82 Resp: 423331
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.8 53.8
 54 52.6 46.2 69.2

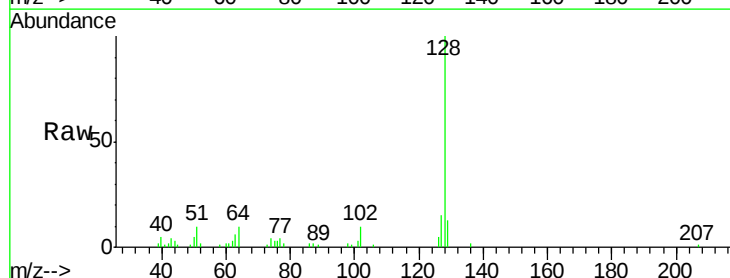


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

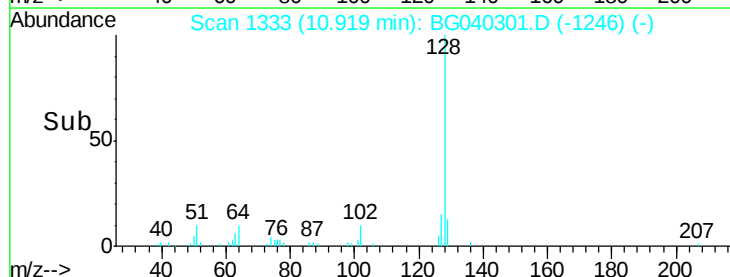
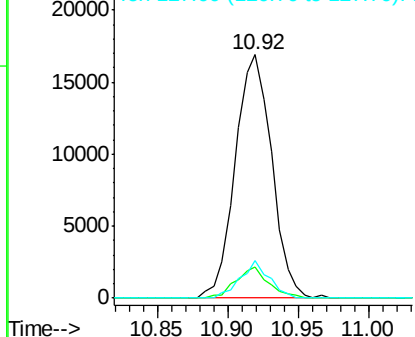


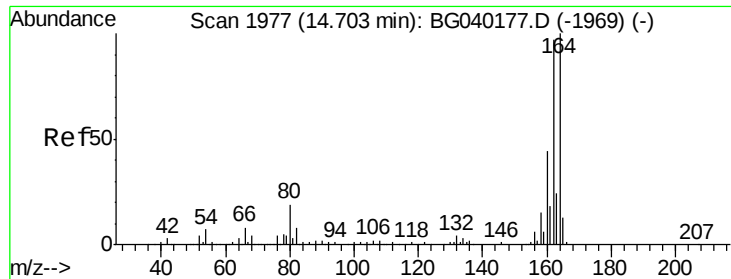
#31
 Naphthalene
 Concen: 2.240 ng
 RT: 10.92 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Tgt Ion: 128 Resp: 30546
 Ion Ratio Lower Upper
 128 100
 129 12.9 8.9 13.3
 127 15.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

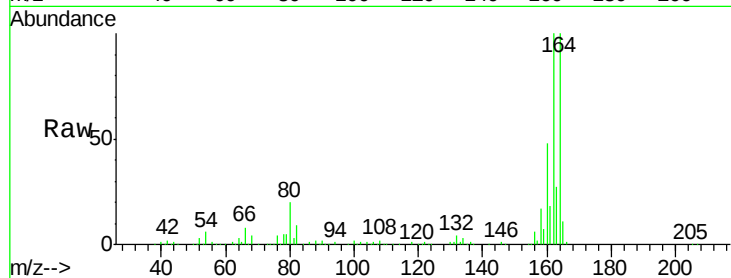




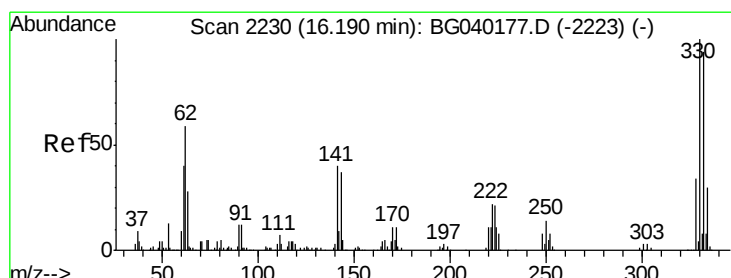
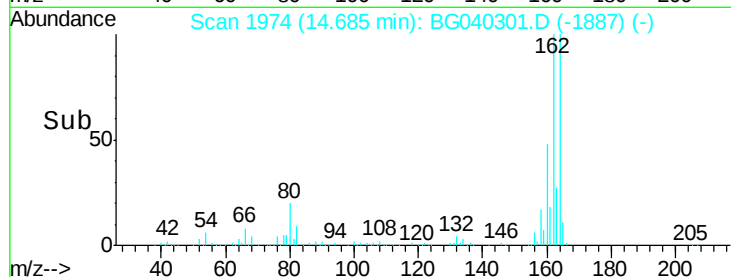
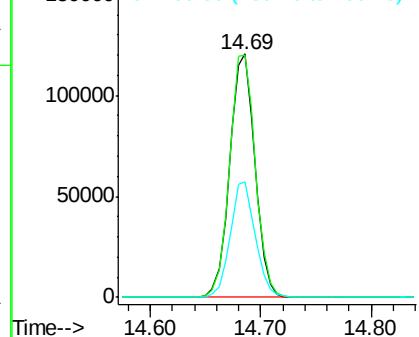
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Instrument :
BNA_G
ClientSampleId :
TP-4S

Tgt Ion:164 Resp: 192168
Ion Ratio Lower Upper
164 100
162 99.6 77.4 116.2
160 47.5 35.3 52.9

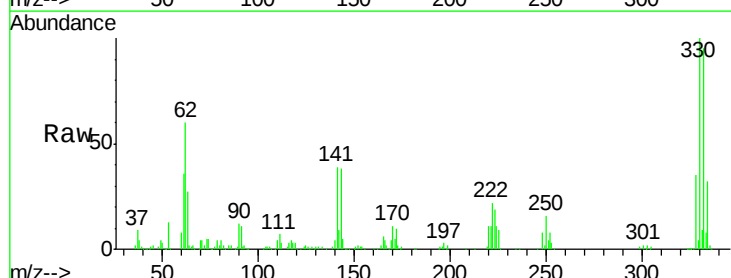


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

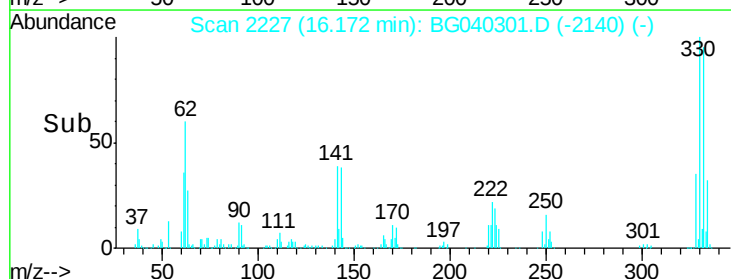
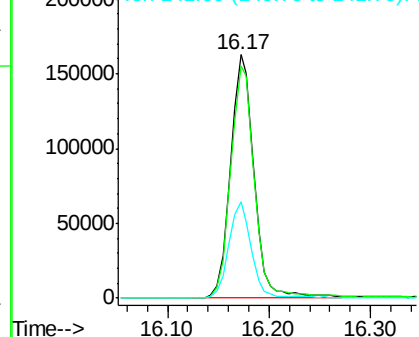


#42
2,4,6-Tribromophenol
Concen: 126.404 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Tgt Ion:330 Resp: 262520
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 38.2 32.6 48.8



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

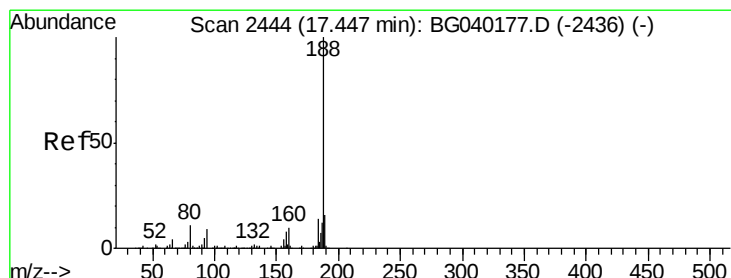
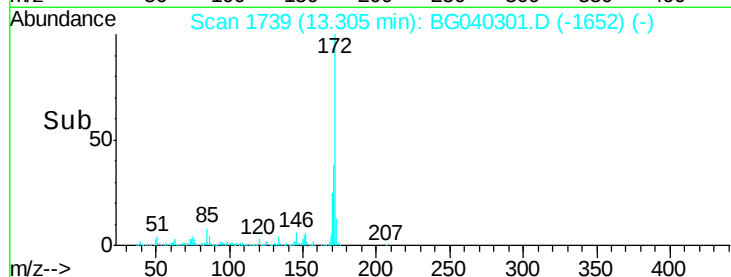
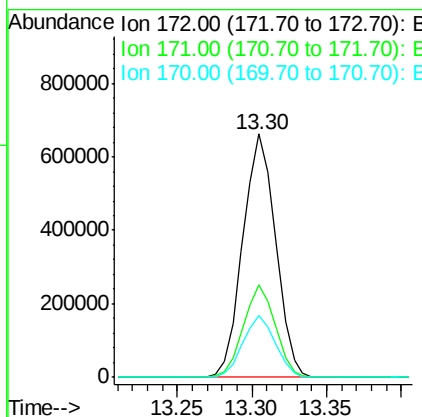
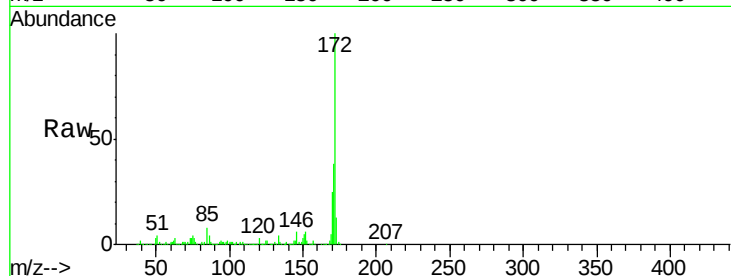




#45
 2-Fluorobiphenyl
 Concen: 77.796 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

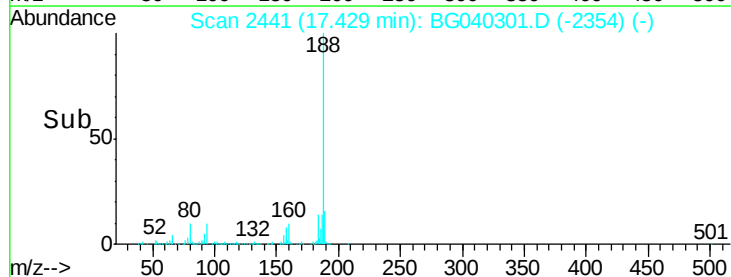
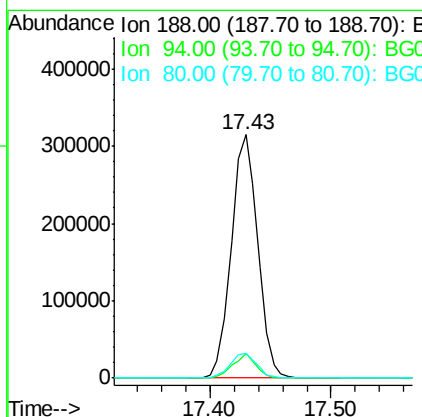
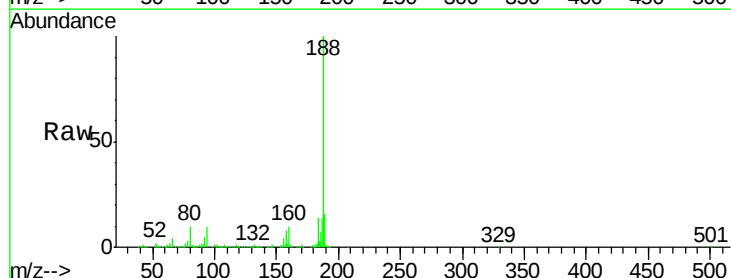
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 BNA_G
 ClientSampleId :
 TP-4S

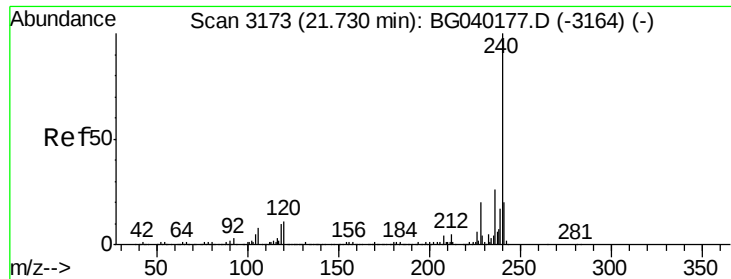
Tgt Ion:172 Resp: 1008929
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.5 45.7
 170 25.4 20.1 30.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040301.D
 Acq: 2 Apr 2019 17:58

Tgt Ion:188 Resp: 479877
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.4
 80 10.1 8.6 13.0

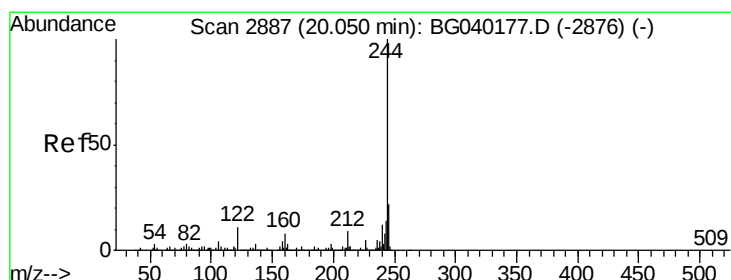
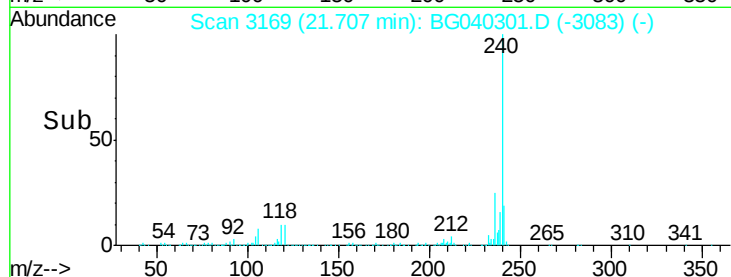
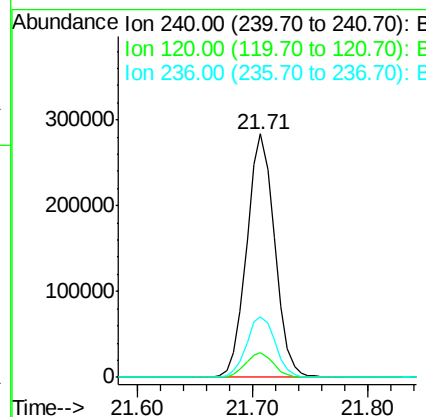
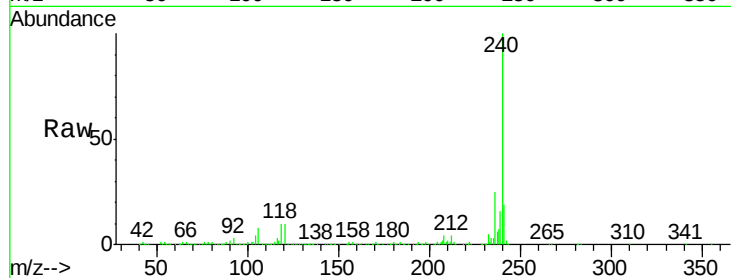




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

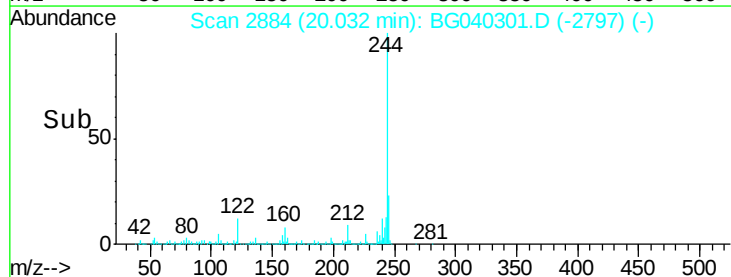
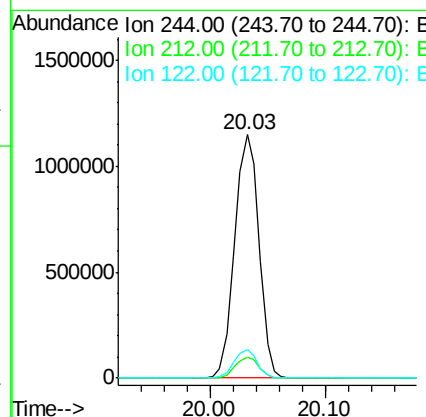
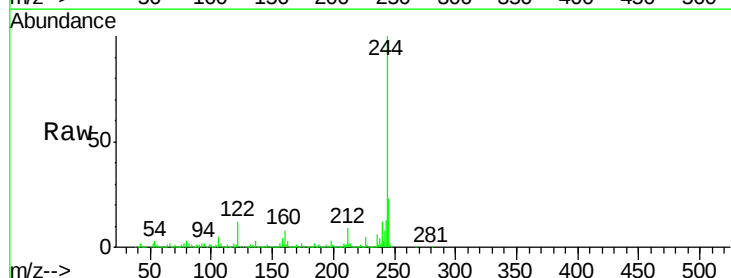
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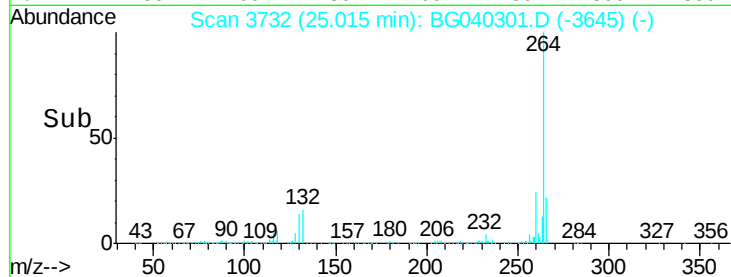
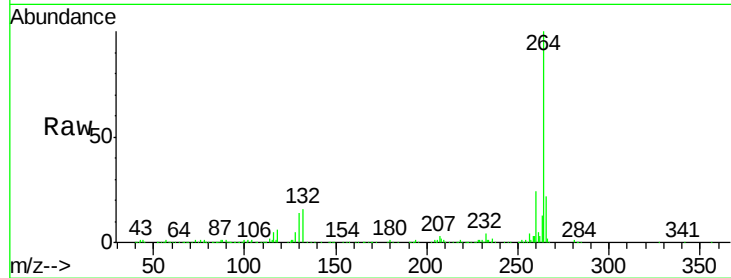
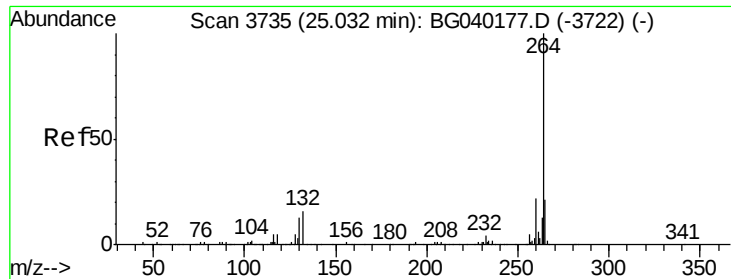
Tgt Ion:240 Resp: 477011
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 78.681 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040301.D
Acq: 2 Apr 2019 17:58

Tgt Ion:244 Resp: 1668338
Ion Ratio Lower Upper
244 100
212 8.8 7.0 10.6
122 11.6 8.5 12.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040301.D

Acq: 2 Apr 2019 17:58

Instrument :

BNA_G

ClientSampleId :

TP-4S

Tgt Ion:264 Resp: 477958

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 22.0 16.8 25.2

