

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040313.D
 Acq On : 3 Apr 2019 2:02
 Operator : JU/SJ
 Sample : K2182-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:14:30 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

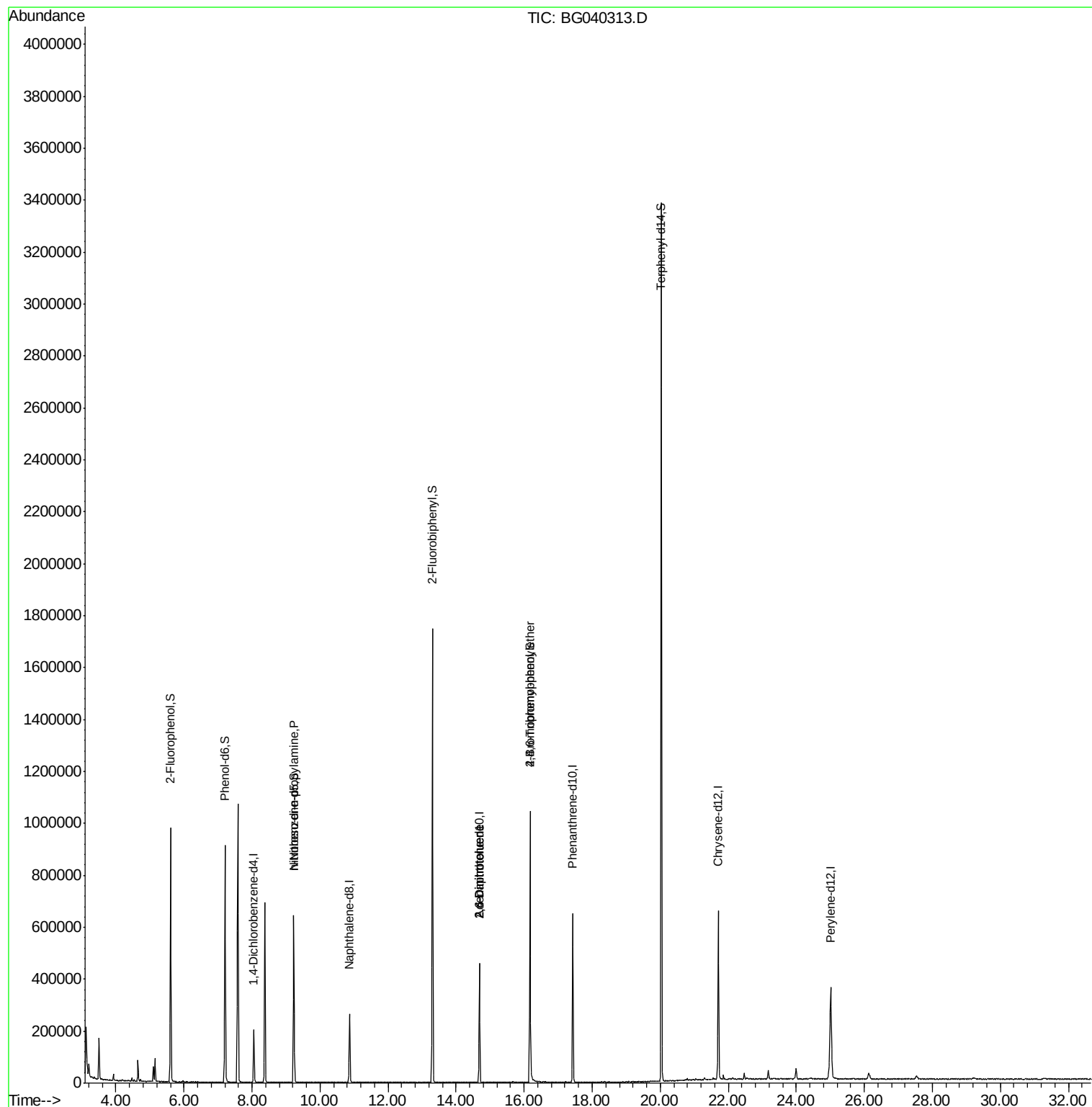
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56166	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	232213	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	161998	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	407573	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	414771	20.00	ng	-0.02
87) Perylene-d12	25.01	264	411035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	412264	122.02	ng	-0.01
7) Phenol-d6	7.21	99	533473	114.25	ng	-0.02
23) Nitrobenzene-d5	9.23	82	390638	89.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	196360	112.16	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	927293	84.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1592616	86.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	49864	14.895	ng	# 70
51) 2,6-Dinitrotoluene	14.69	165	20839	7.320	ng	# 28
57) 2,4-Dinitrotoluene	14.69	165	20839	5.268	ng	# 28
67) 4-Bromophenyl-phenylether	16.17	248	14456	3.152	ng	# 1

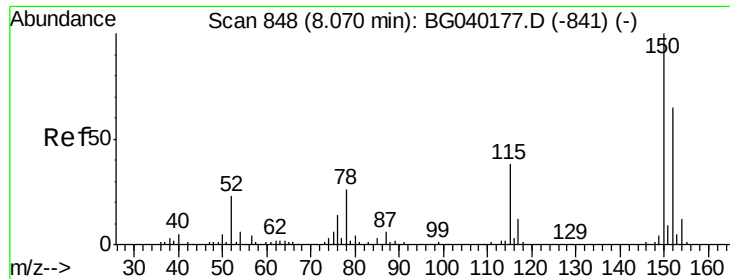
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019
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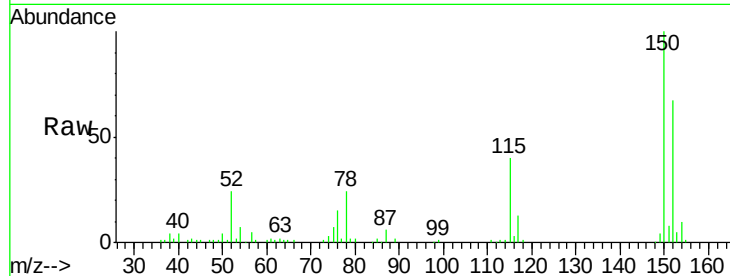


#1

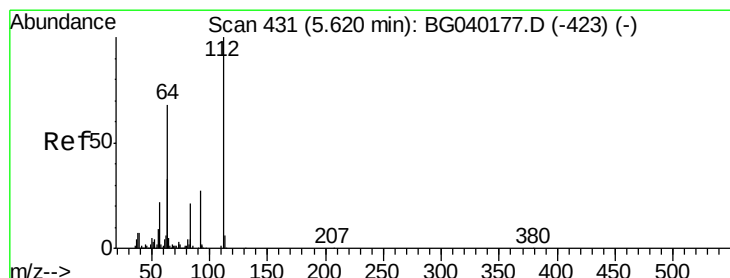
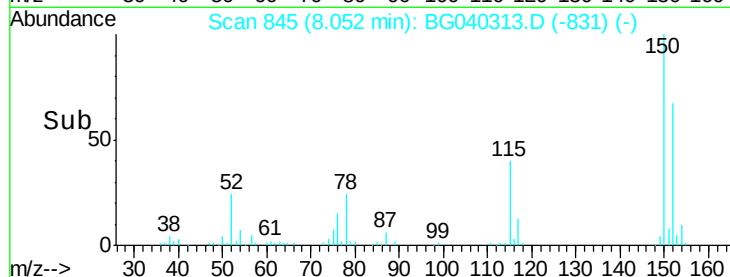
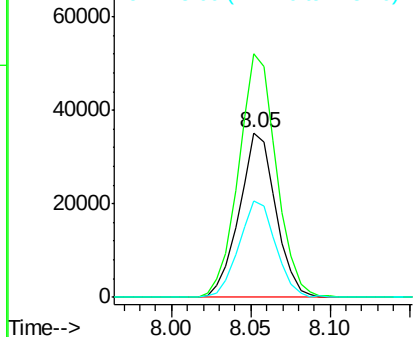
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56166
Ion Ratio Lower Upper
152 100
150 148.2 123.7 185.5
115 58.8 46.9 70.3



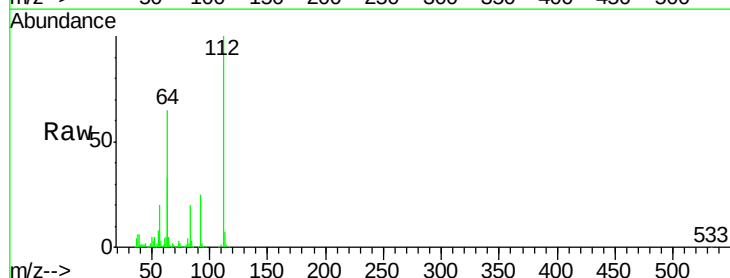
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



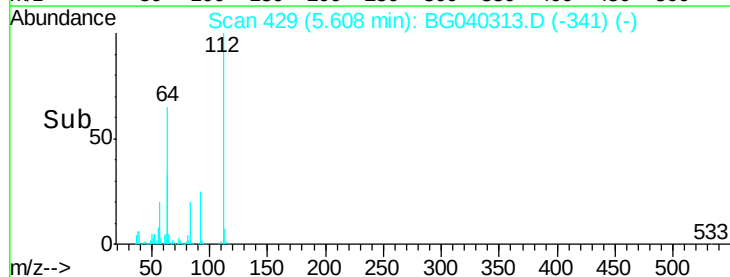
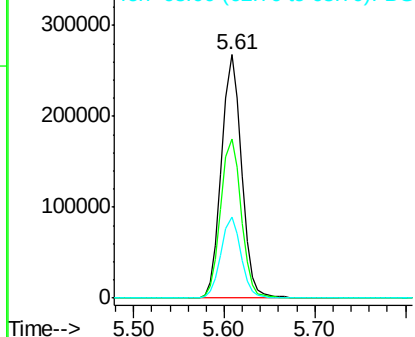
#5

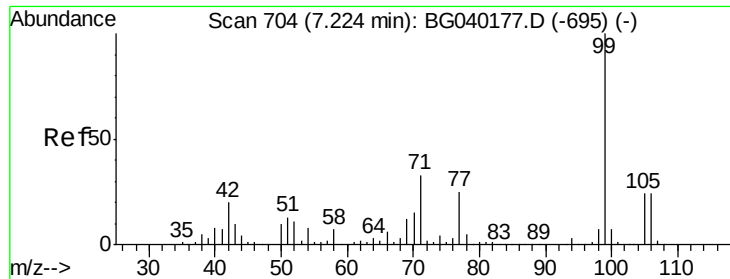
2-Fluorophenol
Concen: 122.023 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Tgt Ion:112 Resp: 412264
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.2
63 33.3 26.4 39.6



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: 114.252 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

Instrument :

BNA_G

ClientSampleId :

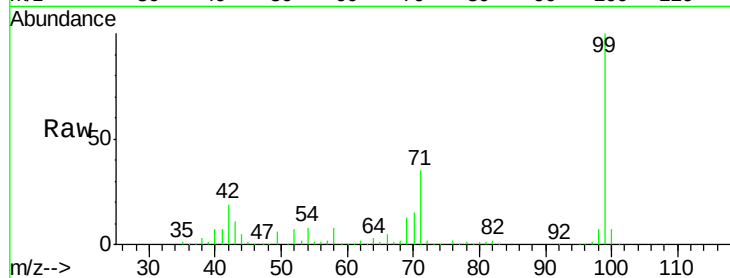
Tot Ion: 99 Resp: 533473

Ion Ratio Lower Upper

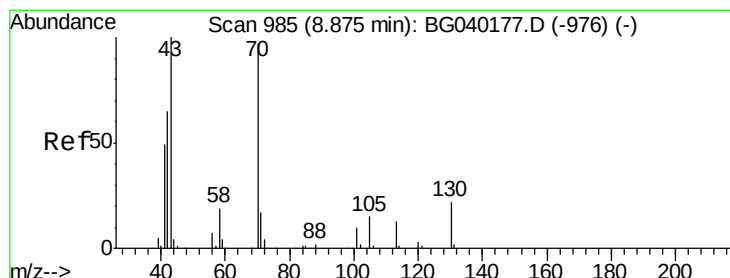
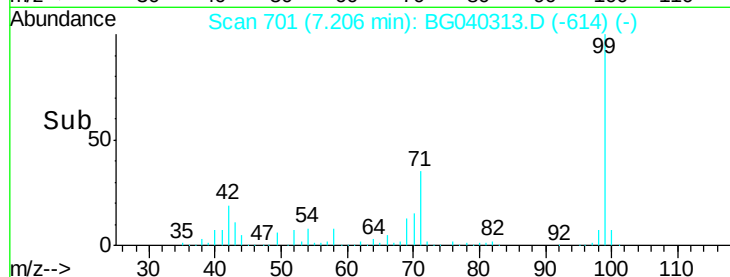
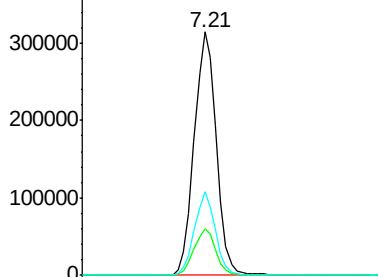
99 100

42 19.0 16.2 24.2

71 34.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.895 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

Tgt Ion: 70 Resp: 49864

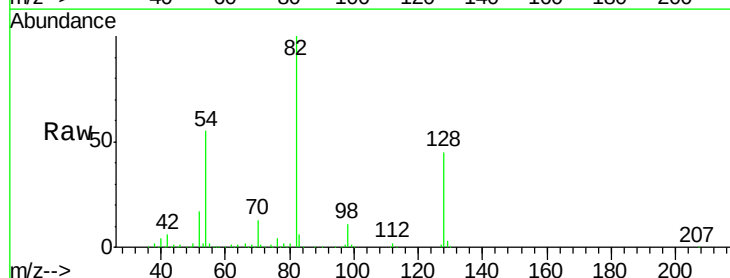
Ion Ratio Lower Upper

70 100

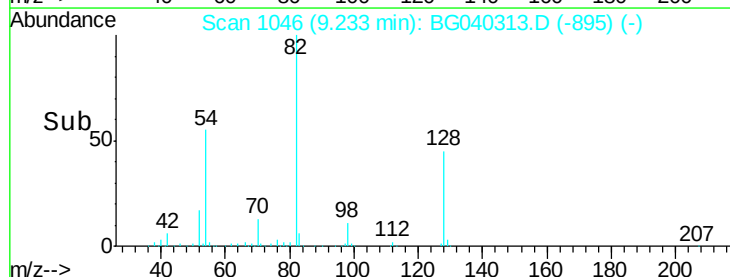
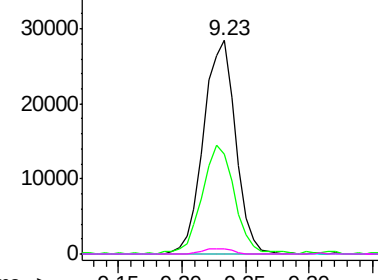
42 46.9 54.0 81.0#

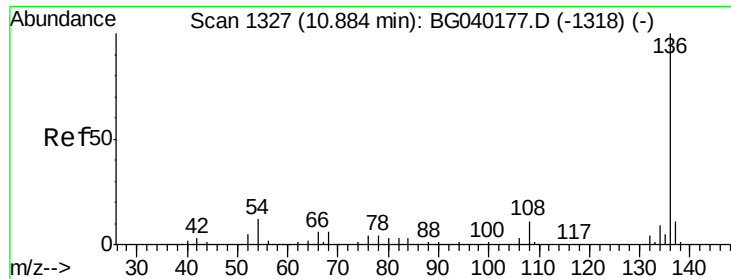
101 0.0 8.6 13.0#

130 2.2 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

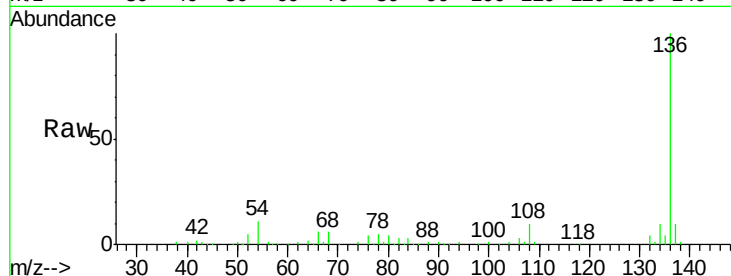




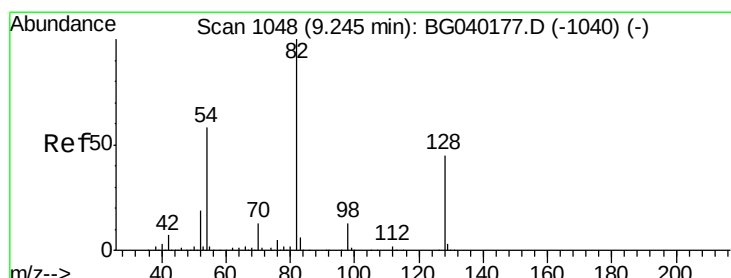
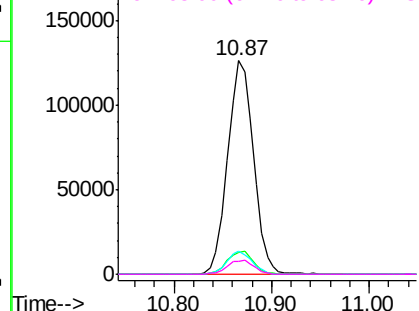
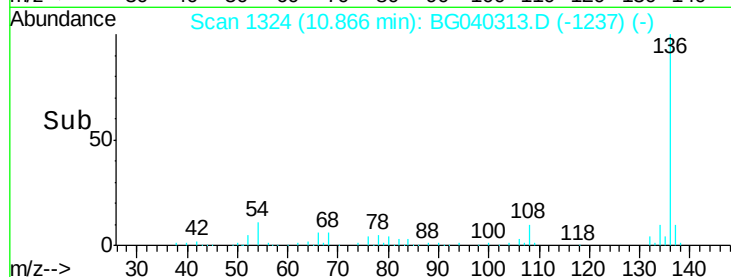
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	232213
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.9 13.3
54	10.6	9.6 14.4
68	6.2	5.1 7.7

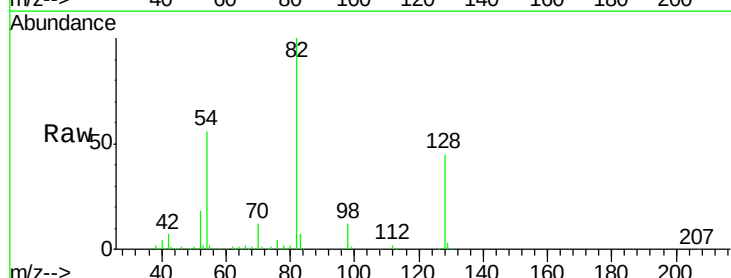


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

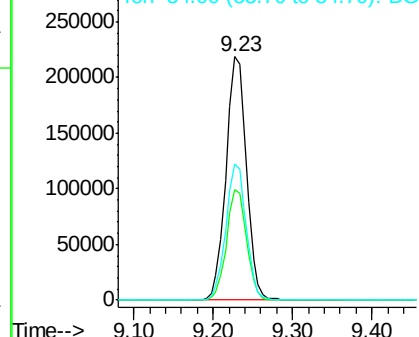
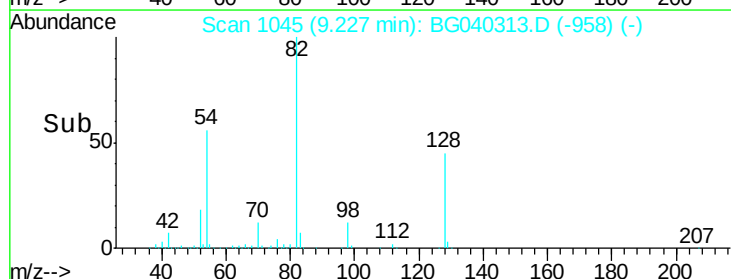


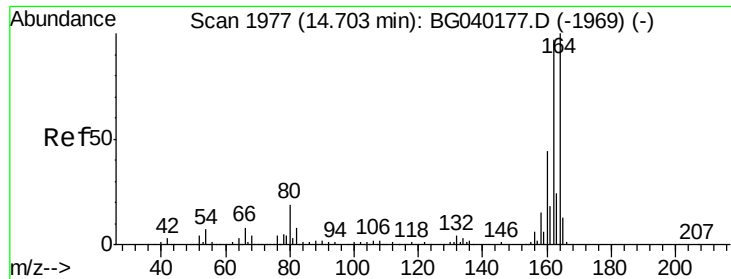
#23
Nitrobenzene-d5
Concen: 89.417 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Tgt Ion: 82	Resp:	390638
Ion Ratio	Lower	Upper
82	100	
128	45.1	35.8 53.8
54	56.1	46.2 69.2



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

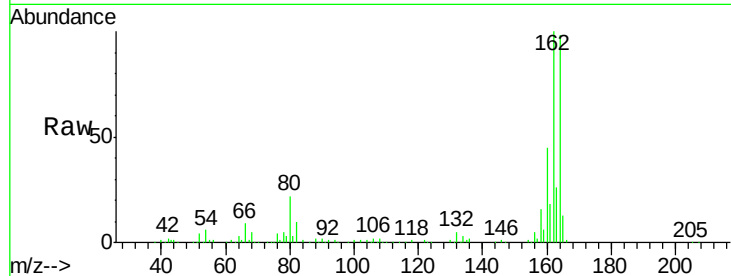




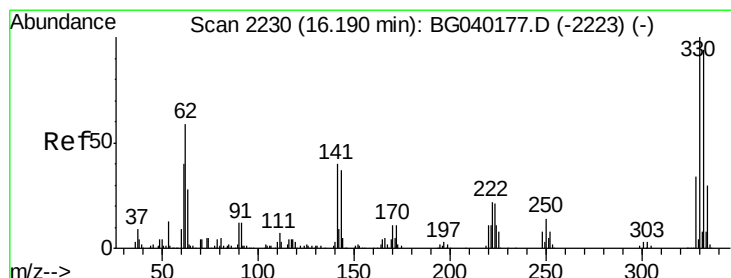
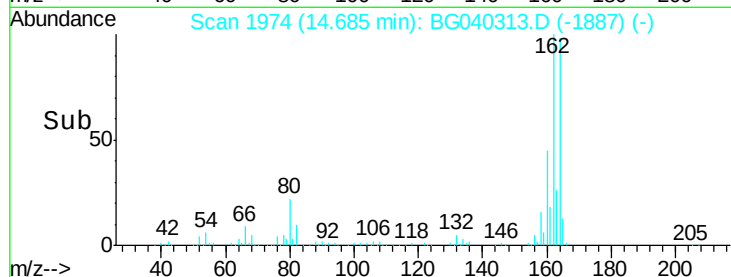
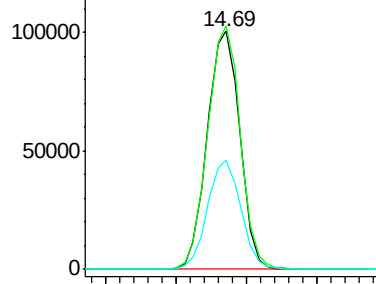
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 161998
Ion Ratio Lower Upper
164 100
162 102.4 77.4 116.2
160 46.1 35.3 52.9

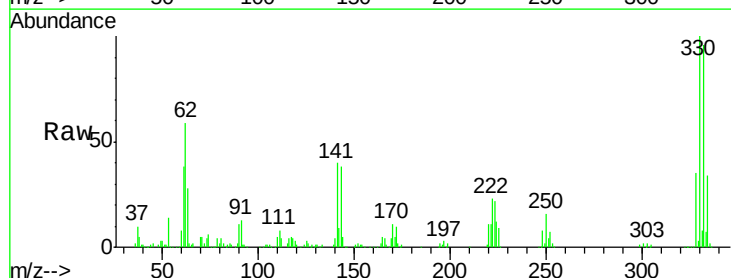


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

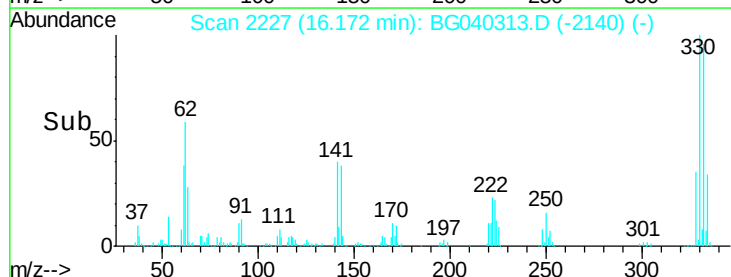
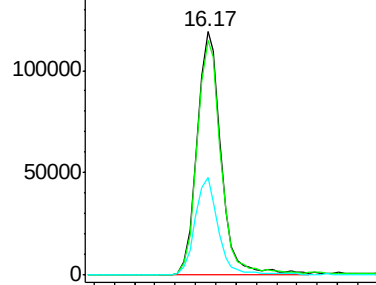


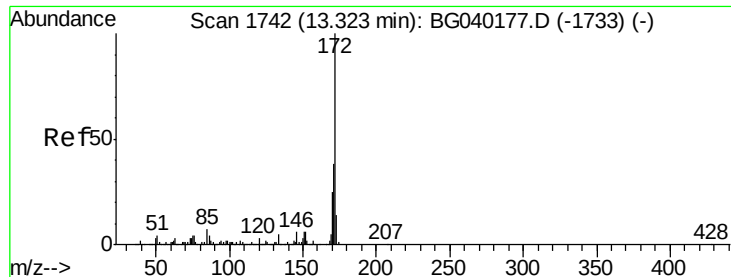
#42
2,4,6-Tribromophenol
Concen: 112.156 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040313.D
Acq: 3 Apr 2019 2:02

Tgt Ion:330 Resp: 196360
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 39.0 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: 84.818 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

Instrument :

BNA_G

ClientSampleId :

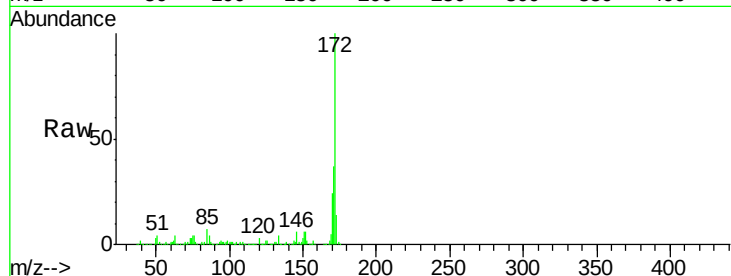
Tot Ion:172 Resp: 927293

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

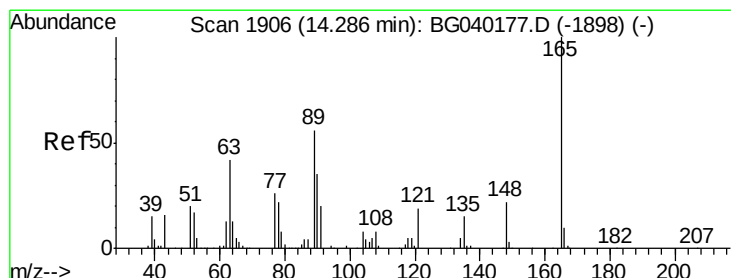
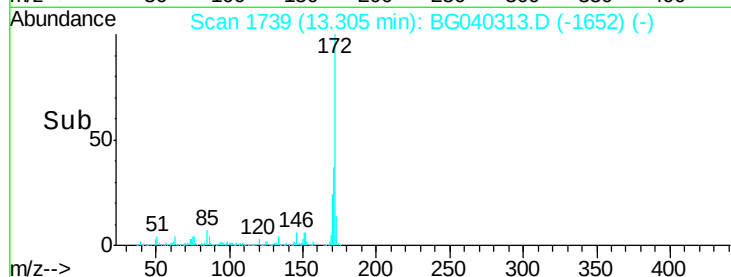
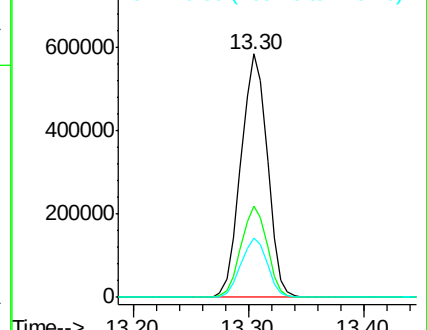
170 24.2 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.320 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.40 min

Lab File: BG040313.D

Acq: 3 Apr 2019 2:02

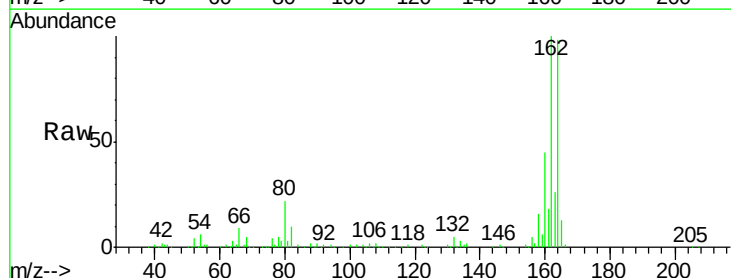
Tgt Ion:165 Resp: 20839

Ion Ratio Lower Upper

165 100

63 3.3 44.1 66.1#

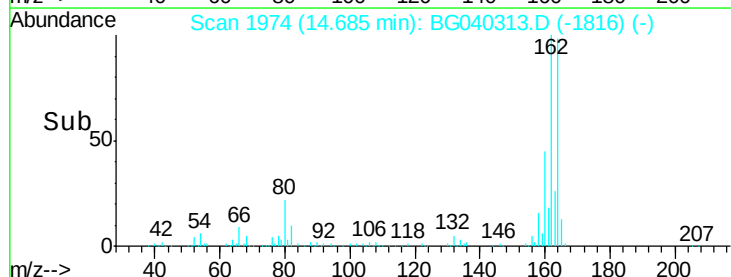
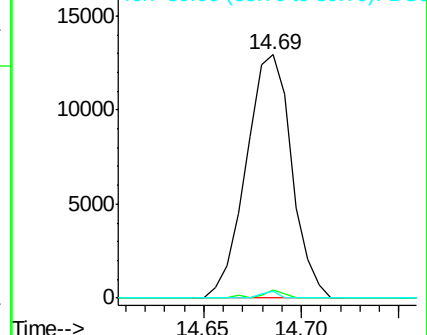
89 2.6 44.9 67.3#

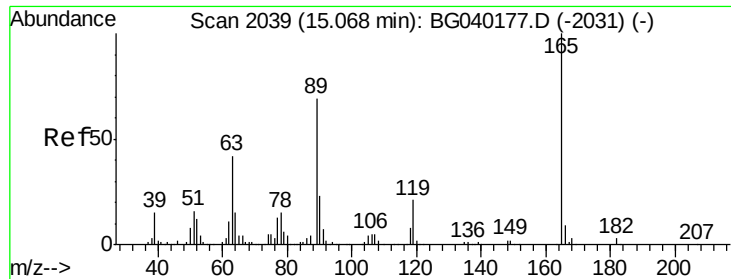


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

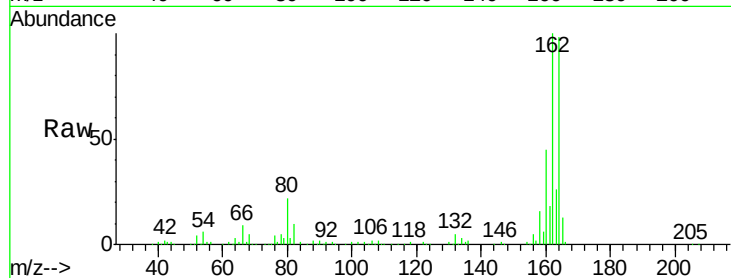




#57
 2,4-Dinitrotoluene
 Concen: 5.268 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	33.8	50.6#
89	2.6	55.4	83.2#
182	0.0	2.2	3.4#

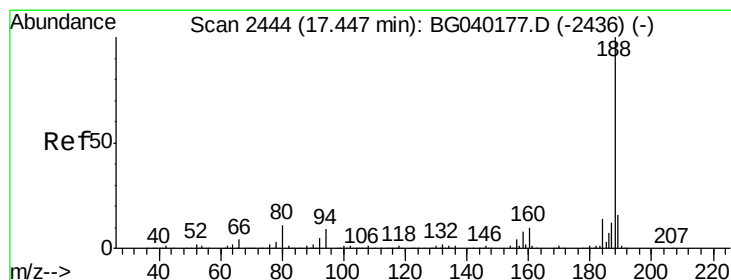
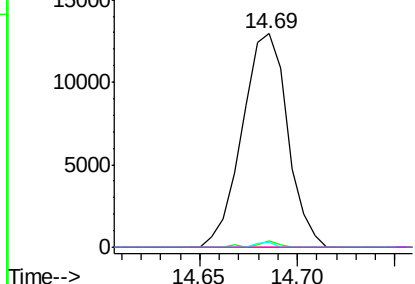
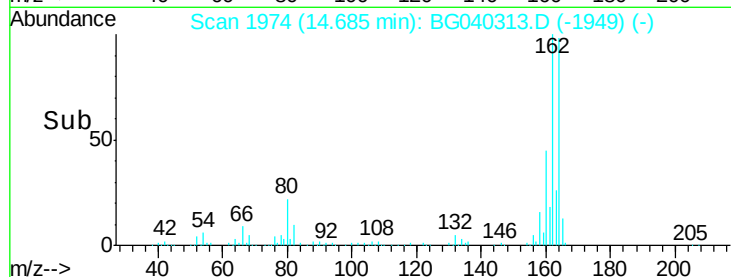


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

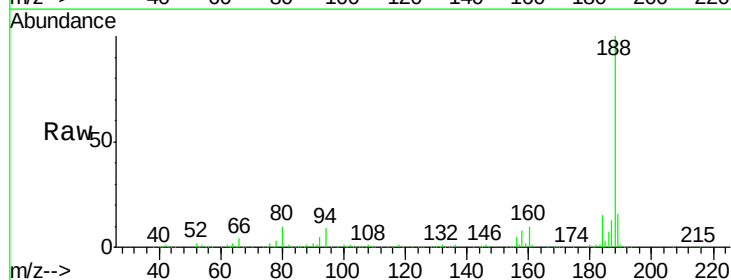
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

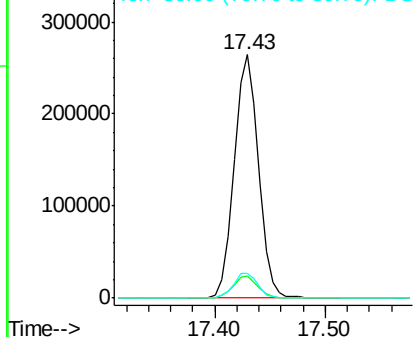
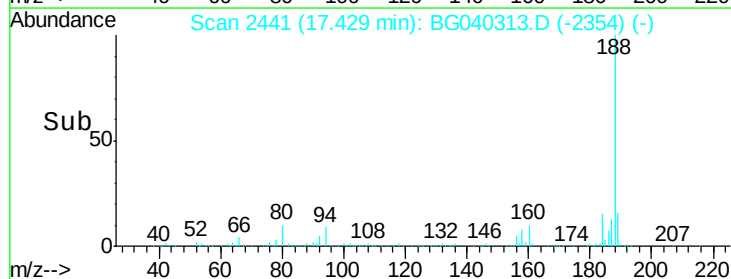
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.9	8.6	13.0

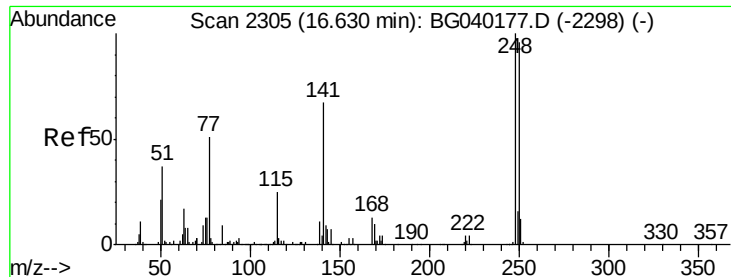


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

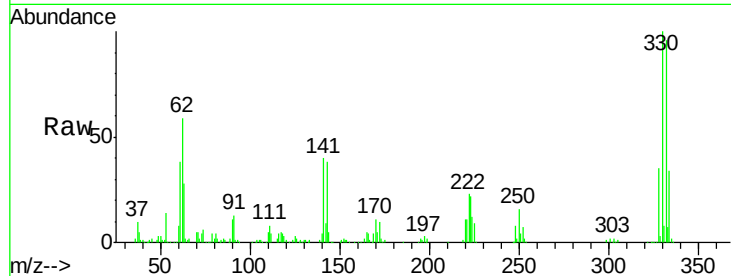




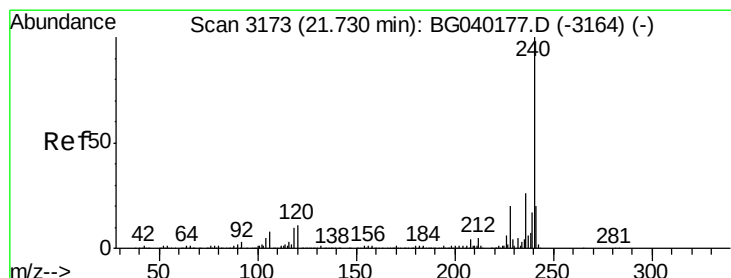
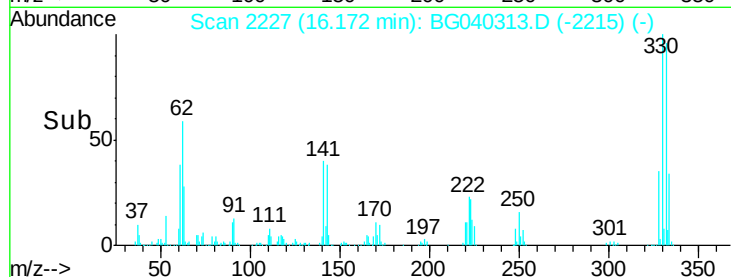
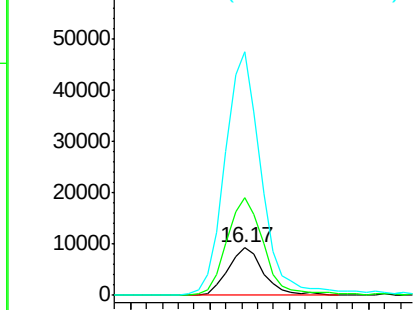
#67
 4-Bromophenyl-phenylether
 Concen: 3.152 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14456
 Ion Ratio Lower Upper
 248 100
 250 206.7 76.4 114.6#
 141 513.4 53.8 80.8#

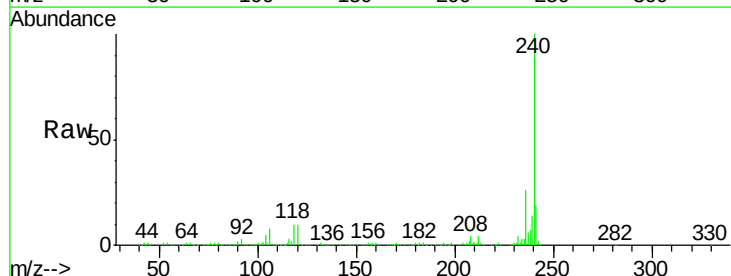


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

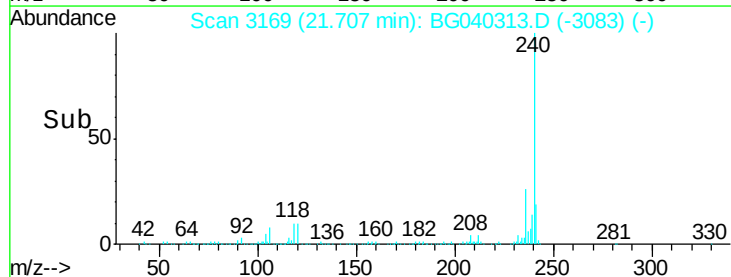
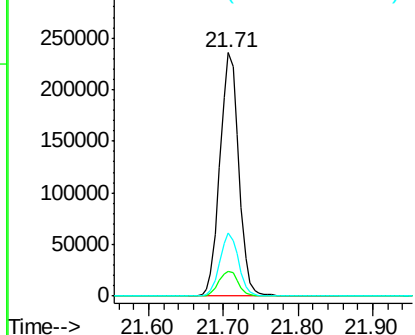


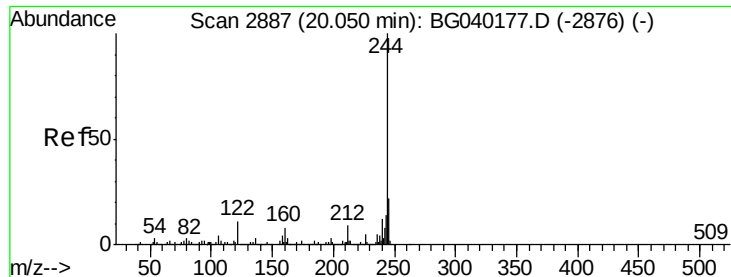
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Tgt Ion:240 Resp: 414771
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.4 12.6
 236 26.0 20.8 31.2



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

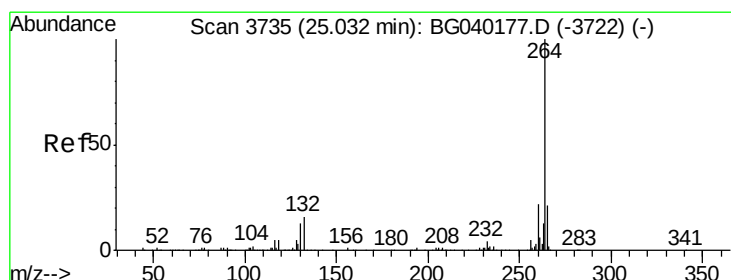
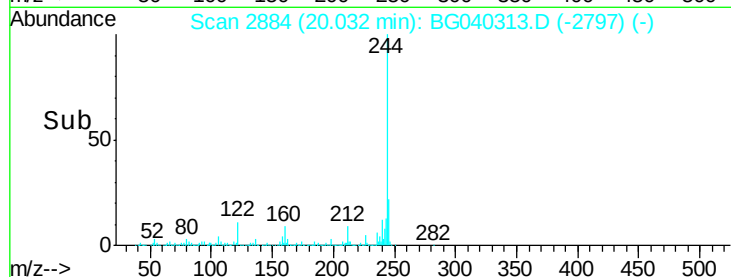
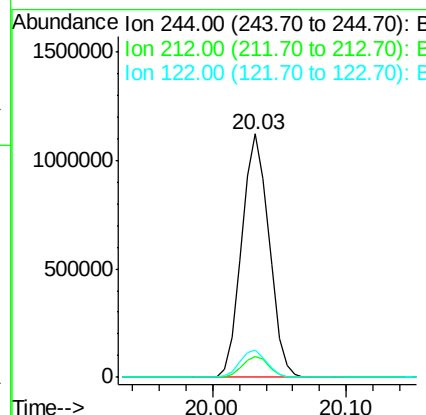
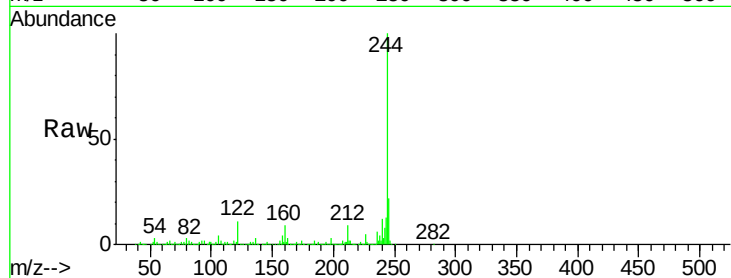




#79
 Terphenyl-d14
 Concen: 86.381 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1592616
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 11.4 8.5 12.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.02 min
 Lab File: BG040313.D
 Acq: 3 Apr 2019 2:02

Tgt Ion:264 Resp: 411035
 Ion Ratio Lower Upper
 264 100
 260 21.7 17.9 26.9
 265 21.3 16.8 25.2

