

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040306.D
 Acq On : 2 Apr 2019 21:19
 Operator : JU/SJ
 Sample : K2180-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:51:47 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

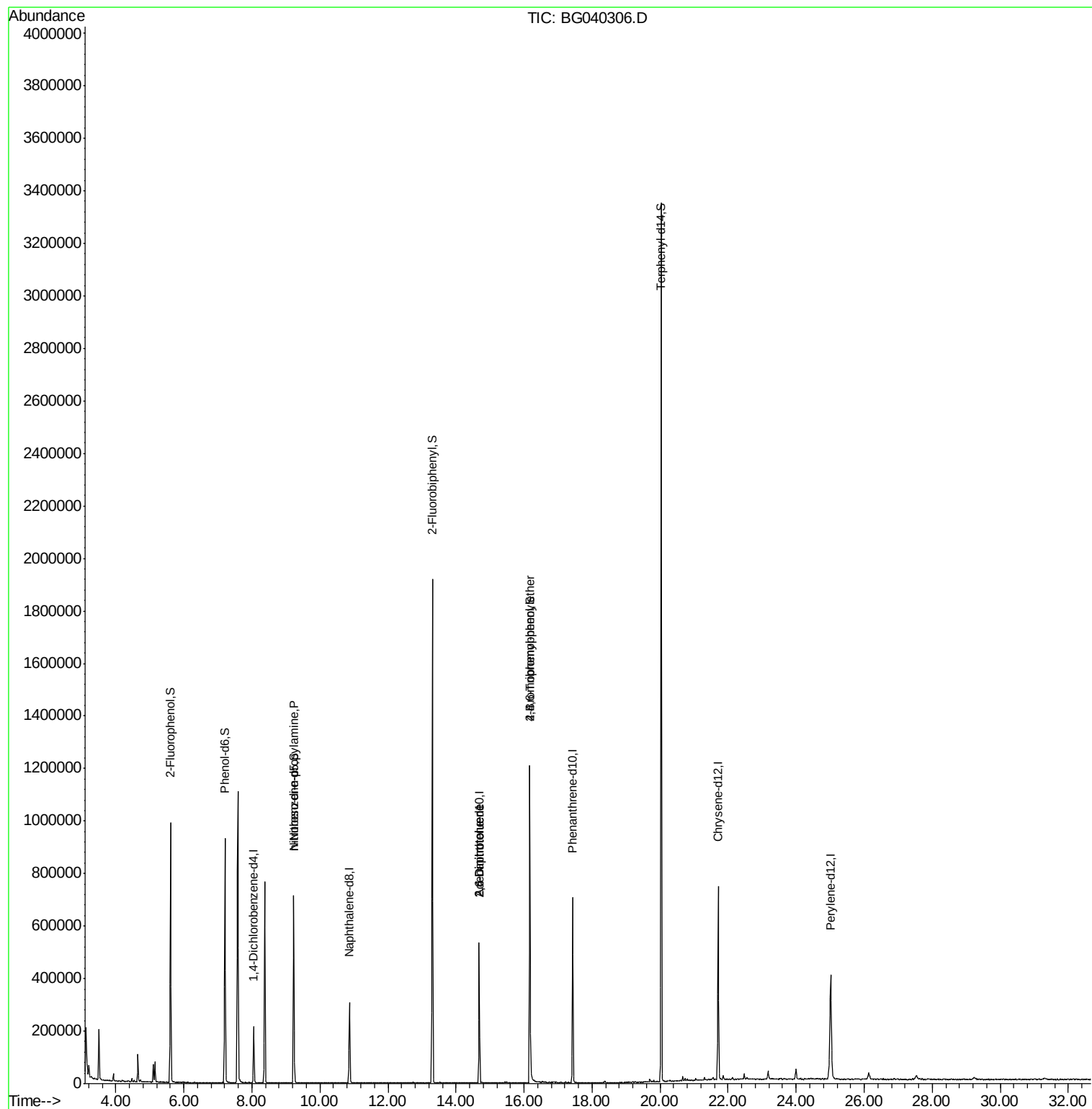
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60862	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	267107	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	185514	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	457107	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	452849	20.00	ng	-0.03
87) Perylene-d12	25.02	264	448109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	440248	120.25	ng	0.00
7) Phenol-d6	7.21	99	564545	111.58	ng	-0.01
23) Nitrobenzene-d5	9.23	82	431972	85.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	239052	119.23	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1030018	82.27	ng	-0.02
79) Terphenyl-d14	20.03	244	1669846	82.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	55028	15.169	ng	# 70
51) 2,6-Dinitrotoluene	14.68	165	24376	7.477	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	24376	5.381	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	18091	3.517	ng	# 1

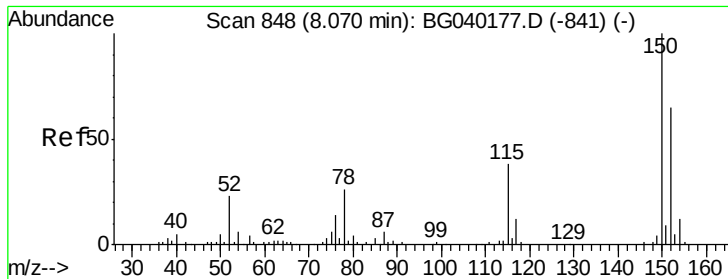
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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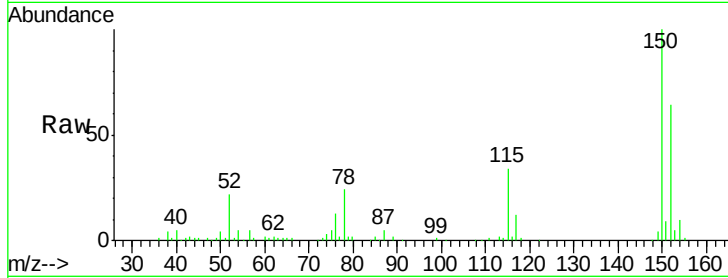


#1

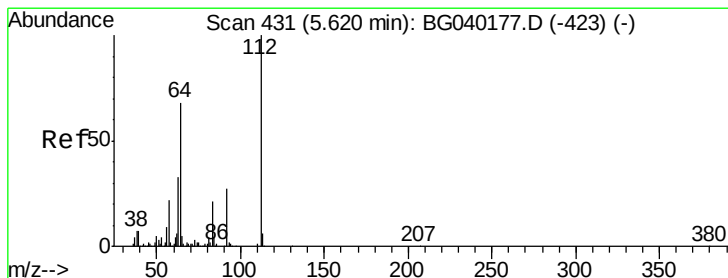
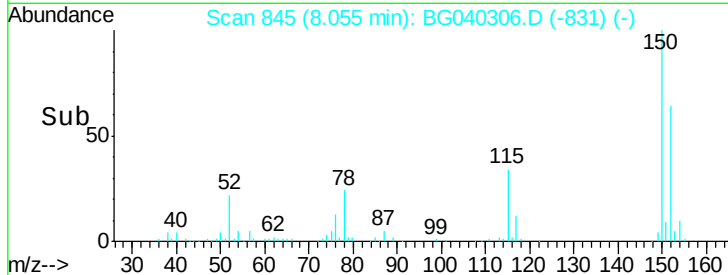
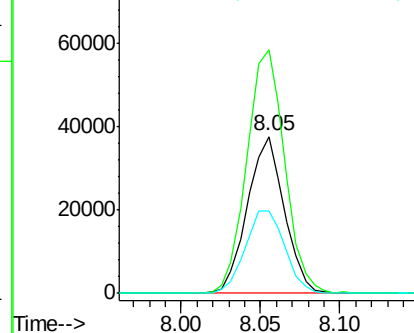
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60862
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 52.1 46.9 70.3



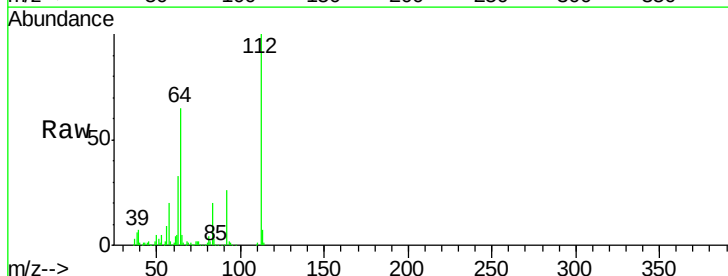
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



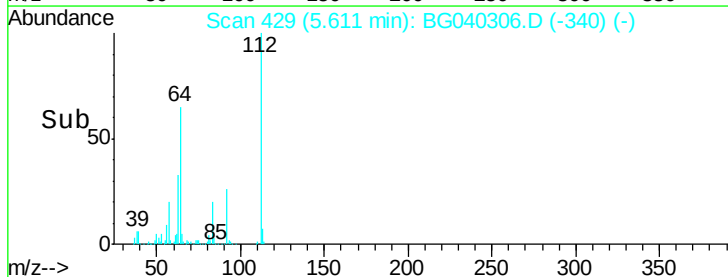
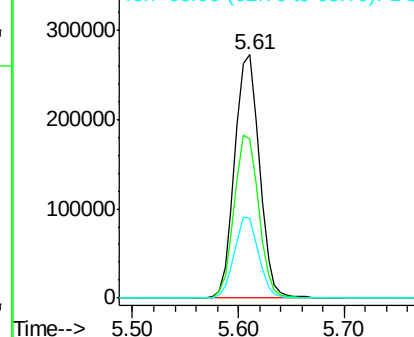
#5

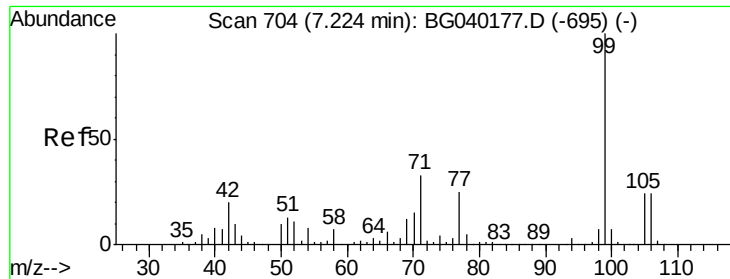
2-Fluorophenol
Concen: 120.251 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

Tgt Ion:112 Resp: 440248
Ion Ratio Lower Upper
112 100
64 65.2 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.578 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040306.D

Acq: 2 Apr 2019 21:19

Instrument :

BNA_G

ClientSampled :

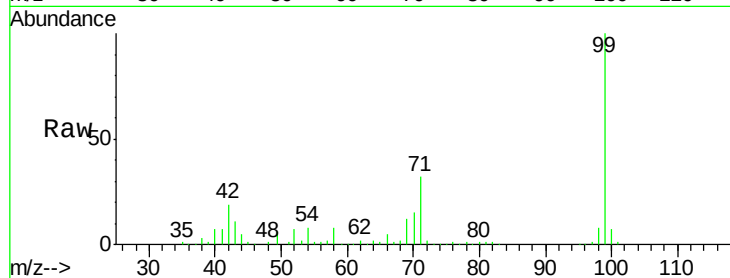
Tot Ion: 99 Resp: 564545

Ion Ratio Lower Upper

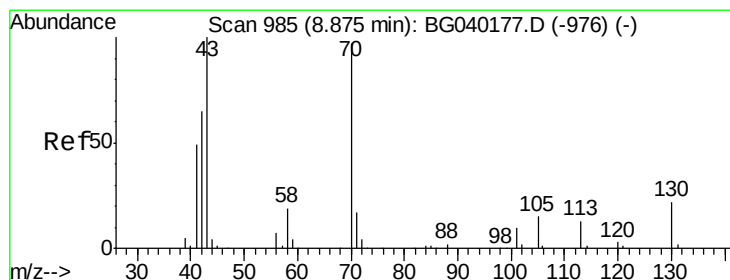
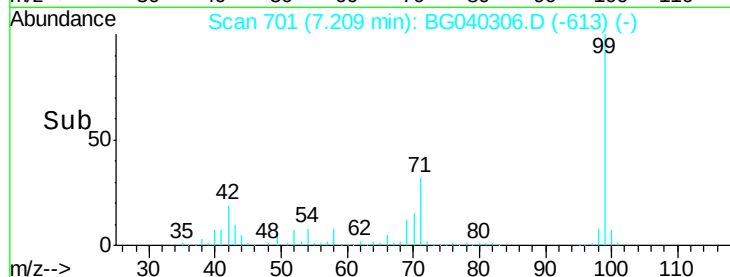
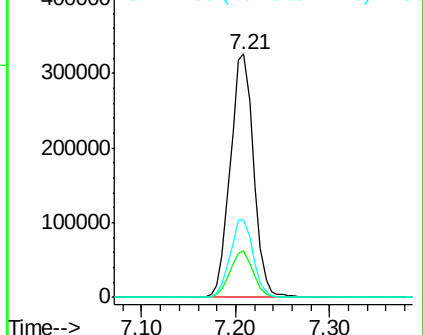
99 100

42 19.1 16.2 24.2

71 31.9 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: 15.169 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040306.D

Acq: 2 Apr 2019 21:19

Tgt Ion: 70 Resp: 55028

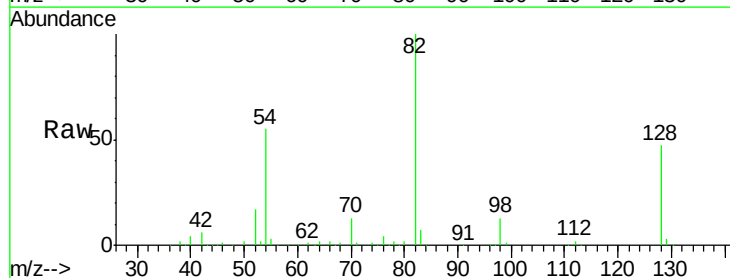
Ion Ratio Lower Upper

70 100

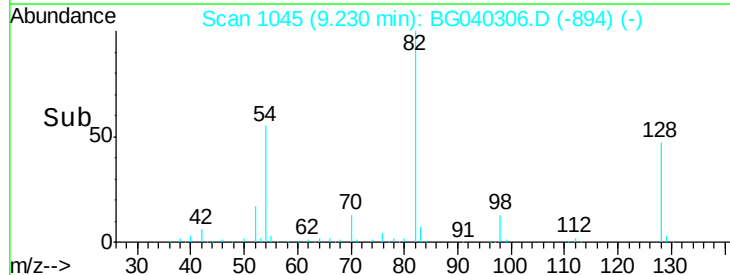
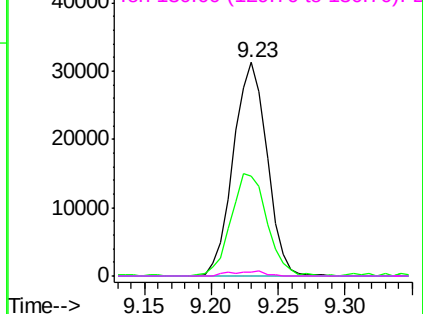
42 46.9 54.0 81.0#

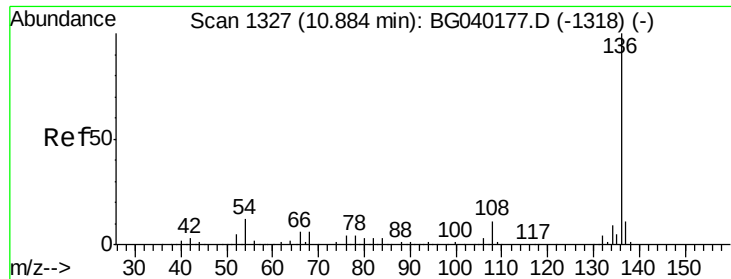
101 0.0 8.6 13.0#

130 2.0 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

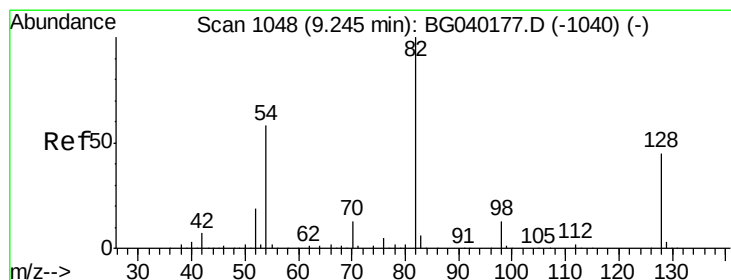
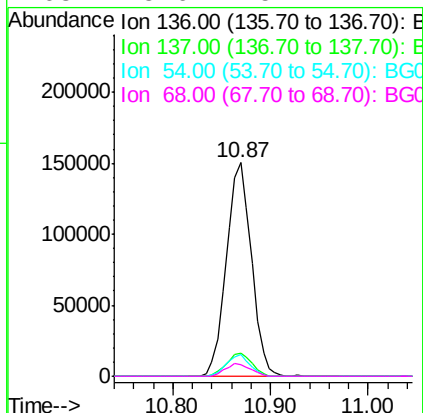
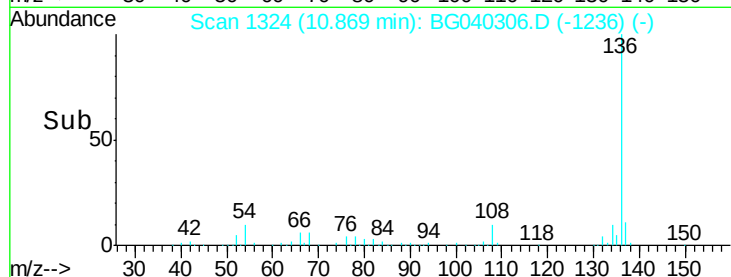
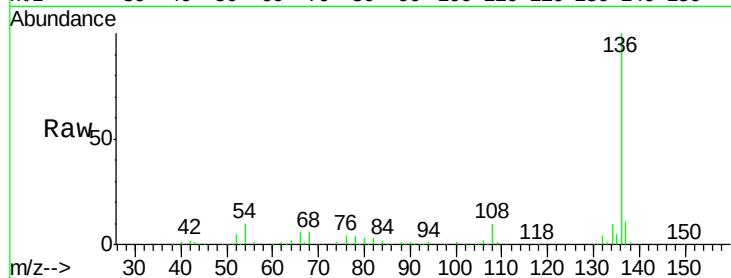




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

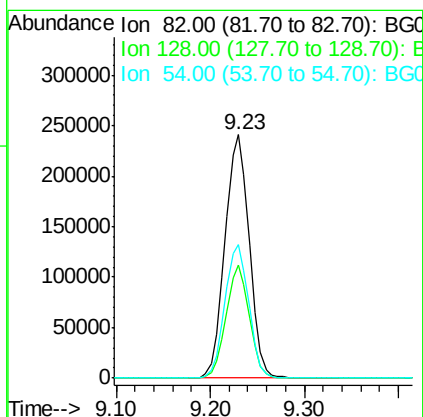
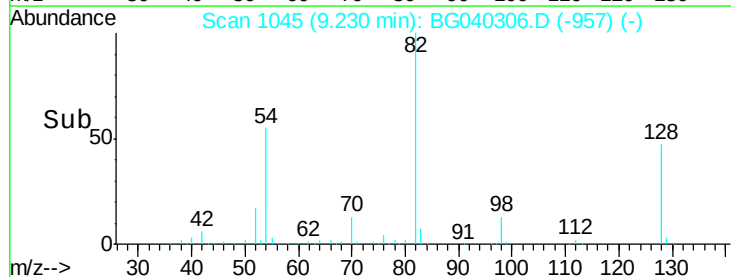
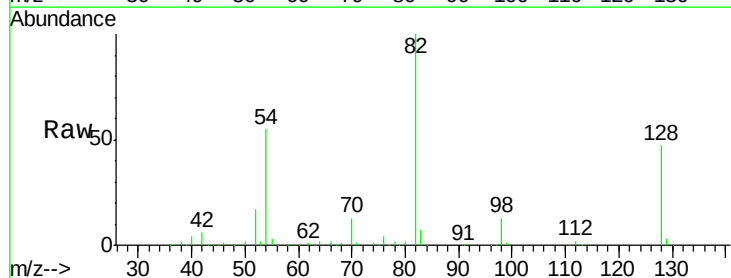
Instrument :
BNA_G
ClientSampleId :

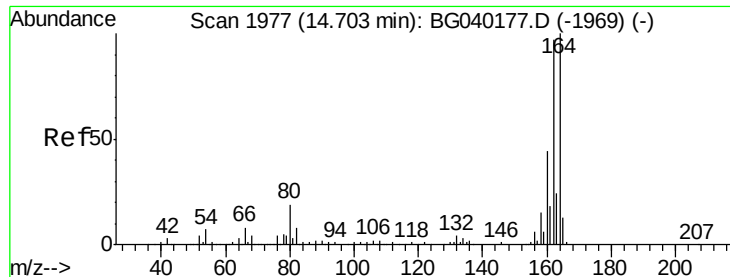
Tot Ion:136	Resp:	267107
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 10.2	9.6	14.4
68 5.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 85.961 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

Tgt	Ion: 82	Resp:	431972
Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.8	53.8
54	55.1	46.2	69.2

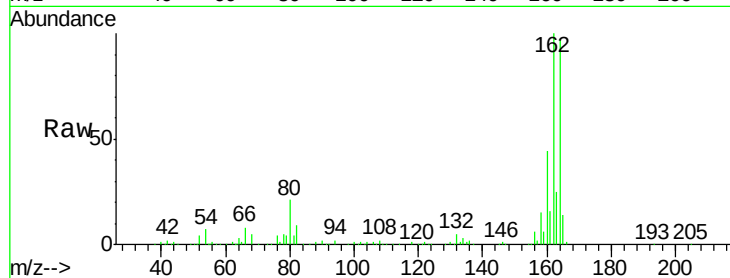




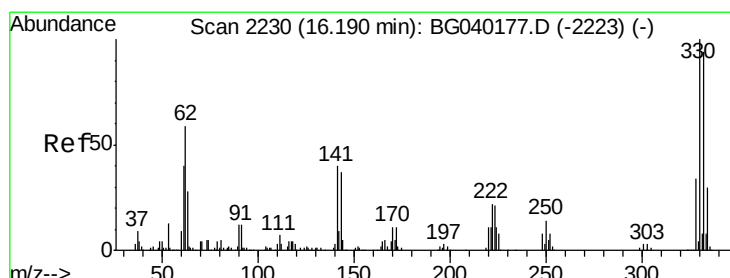
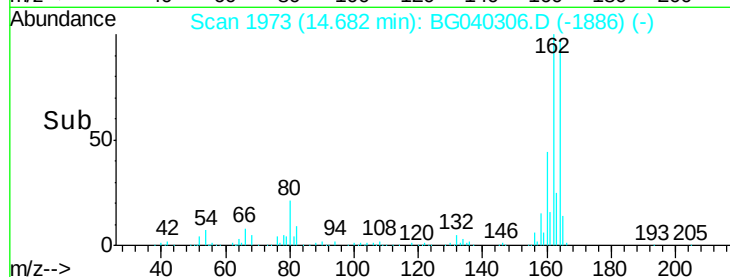
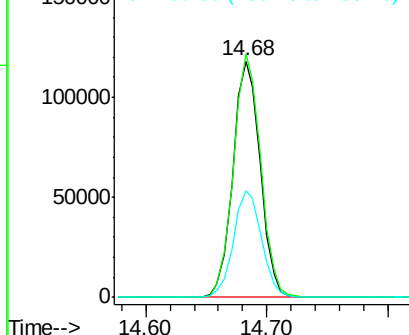
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 185514
Ion Ratio Lower Upper
164 100
162 102.9 77.4 116.2
160 44.9 35.3 52.9

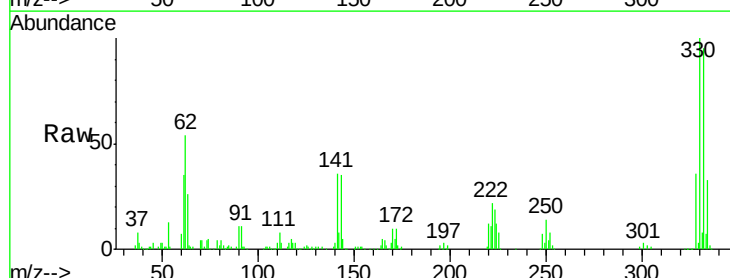


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

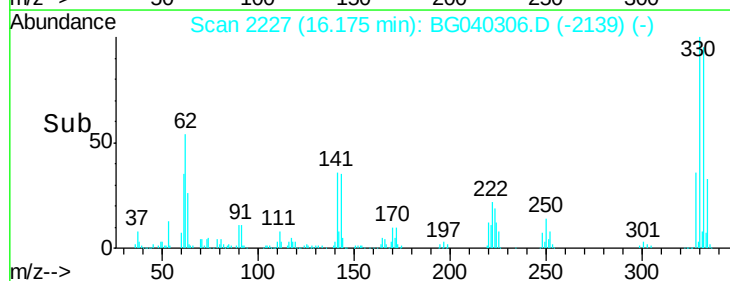
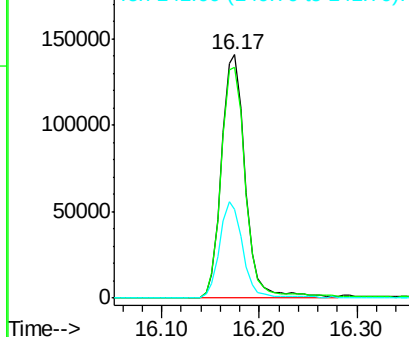


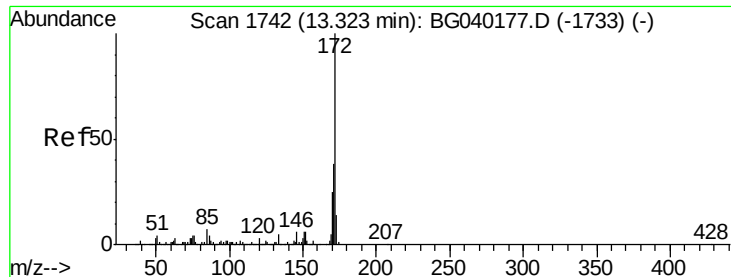
#42
2,4,6-Tribromophenol
Concen: 119.233 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

Tgt Ion:330 Resp: 239052
Ion Ratio Lower Upper
330 100
332 96.7 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

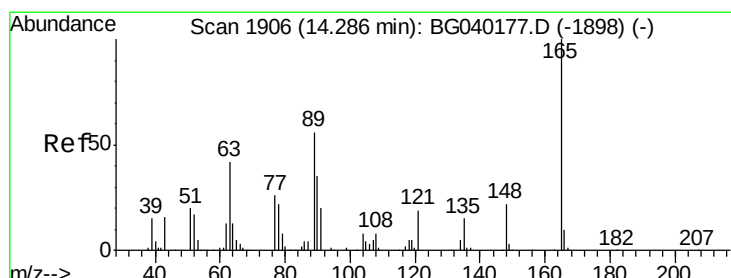
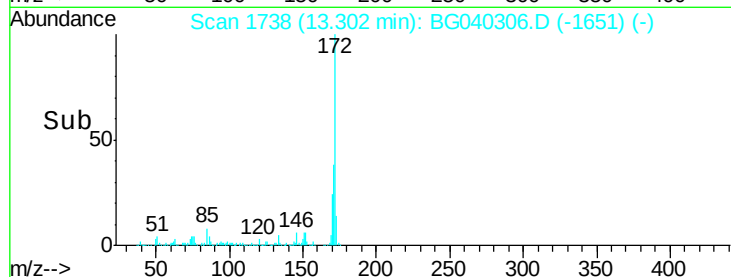
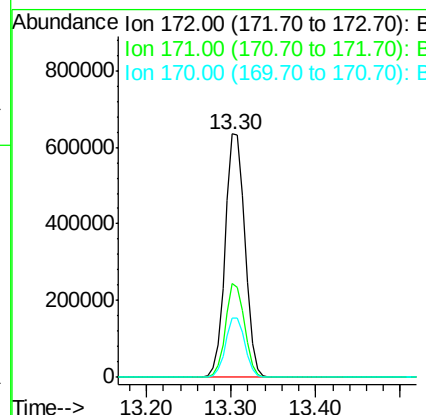
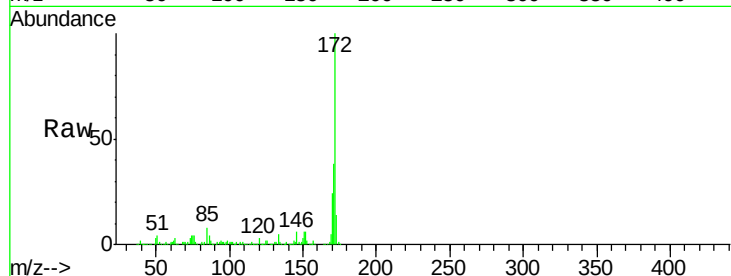




#45
2-Fluorobiphenyl
Concen: 82.271 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

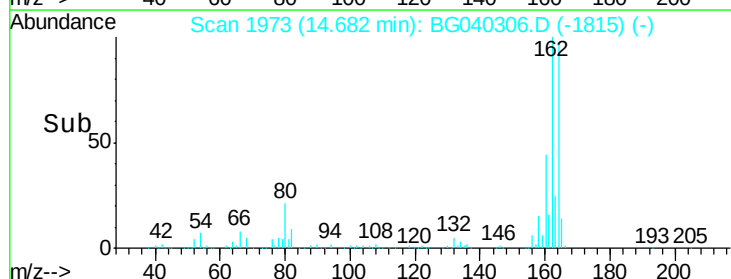
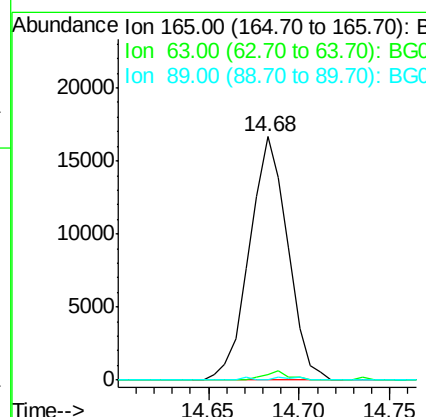
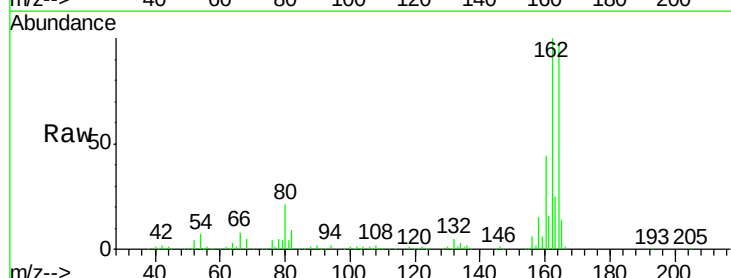
Instrument :
BNA_G
ClientSampleId :

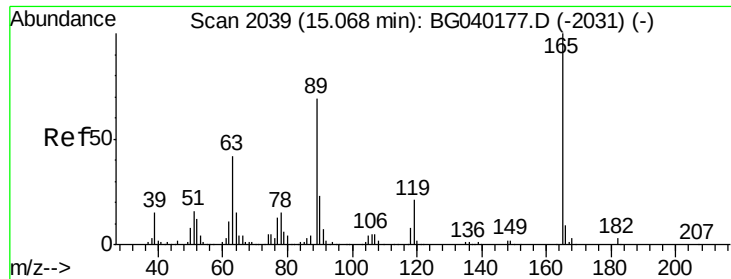
Tot Ion:172 Resp: 1030018
Ion Ratio Lower Upper
172 100
171 38.4 30.5 45.7
170 24.4 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.477 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040306.D
Acq: 2 Apr 2019 21:19

Tgt Ion:165 Resp: 24376
Ion Ratio Lower Upper
165 100
63 2.5 44.1 66.1#
89 0.0 44.9 67.3#

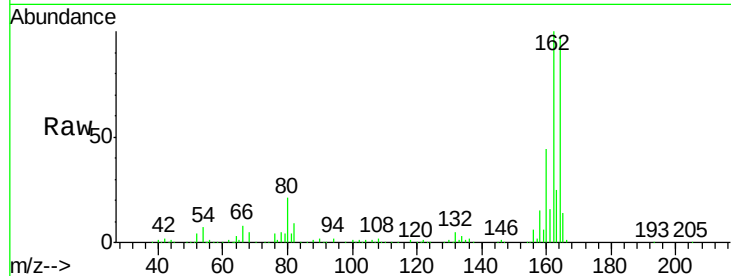




#57
 2,4-Dinitrotoluene
 Concen: 5.381 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040306.D
 Acq: 2 Apr 2019 21:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



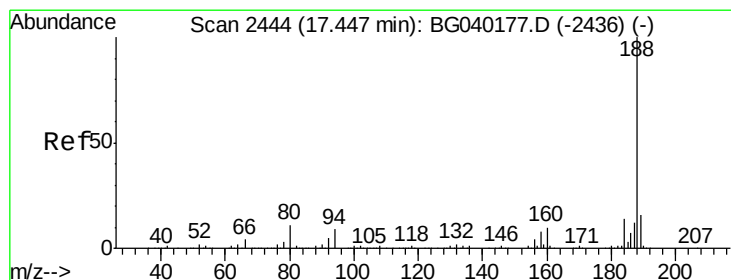
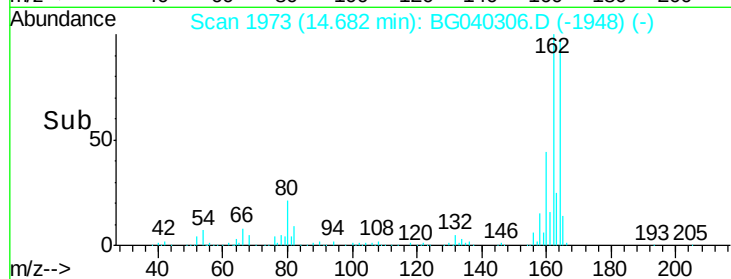
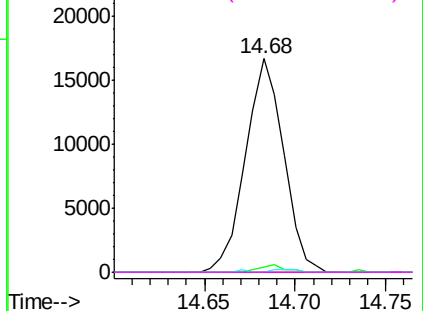
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

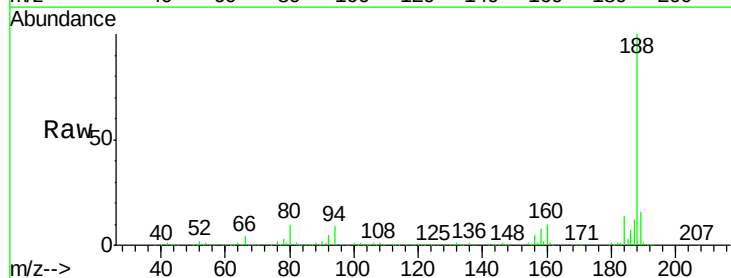
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040306.D
 Acq: 2 Apr 2019 21:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.3	8.6	13.0

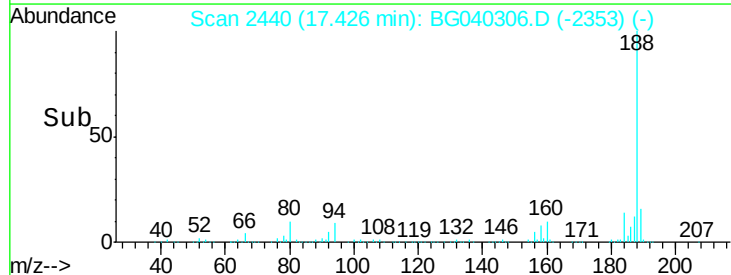
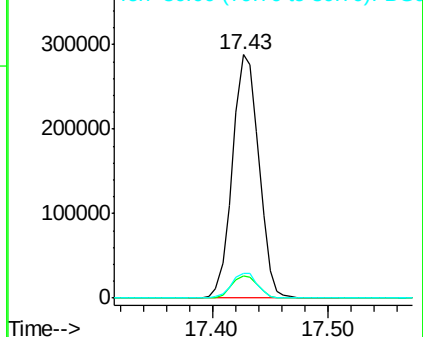


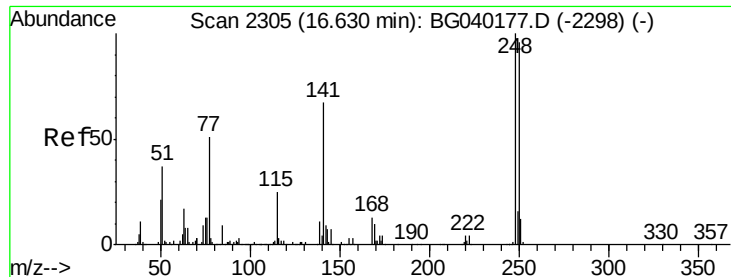
Abundance

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

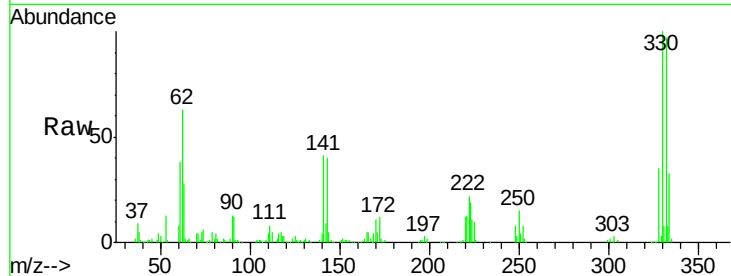




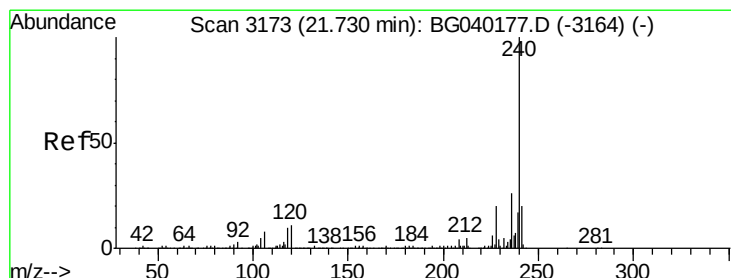
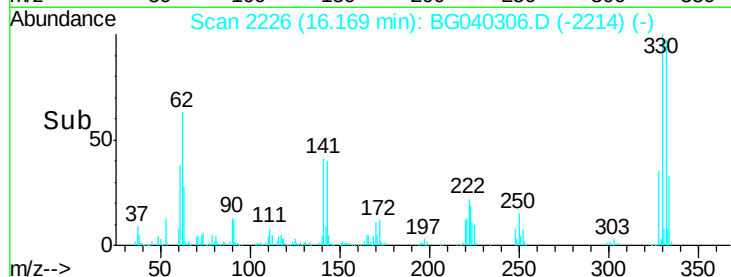
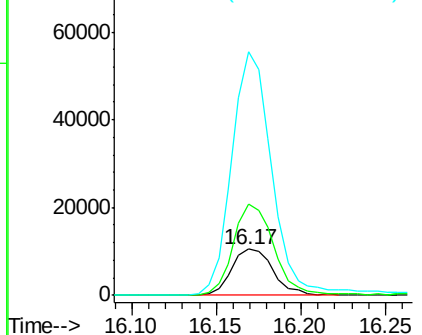
#67
 4-Bromophenyl-phenylether
 Concen: 3.517 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040306.D
 Acq: 2 Apr 2019 21:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18091
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.4 114.6#
 141 527.1 53.8 80.8#

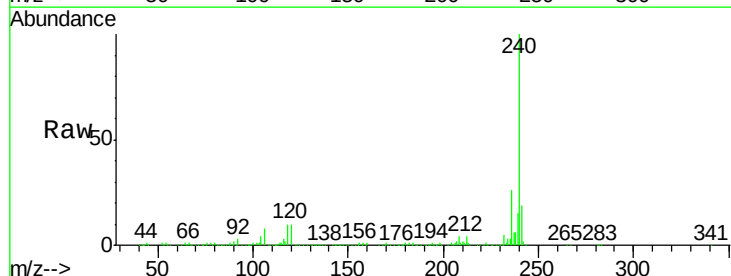


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

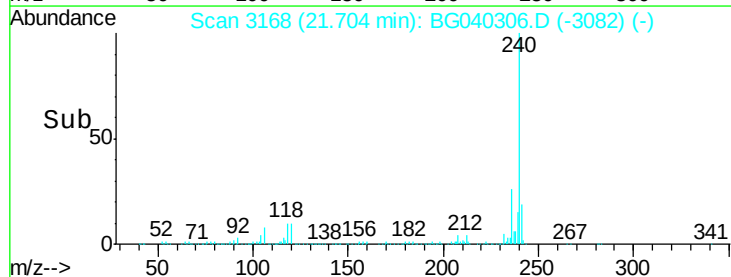
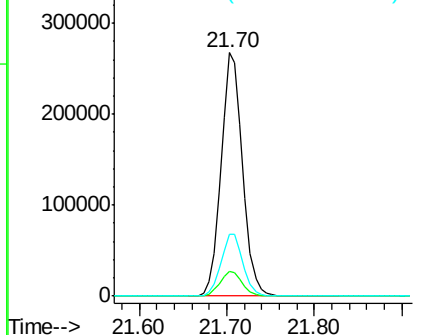


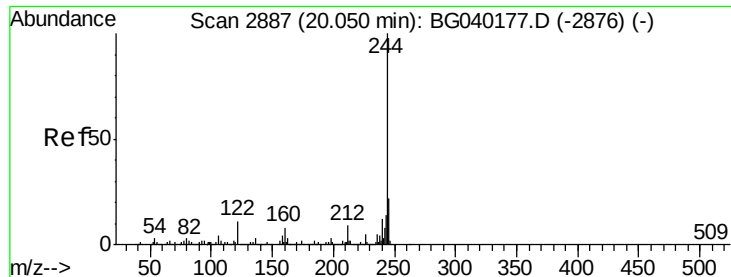
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.03 min
 Lab File: BG040306.D
 Acq: 2 Apr 2019 21:19

Tgt Ion:240 Resp: 452849
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 25.7 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: 82.954 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040306.D

Acq: 2 Apr 2019 21:19

Instrument :

BNA_G

ClientSampled :

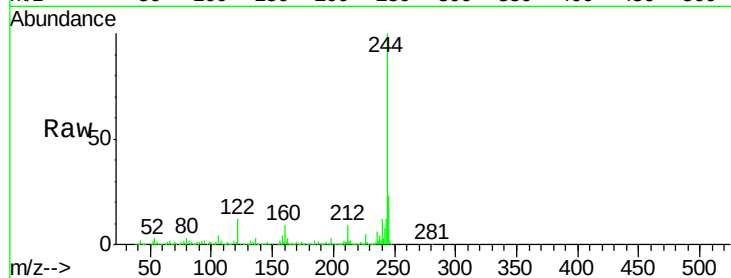
Tot Ion:244 Resp: 1669846

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

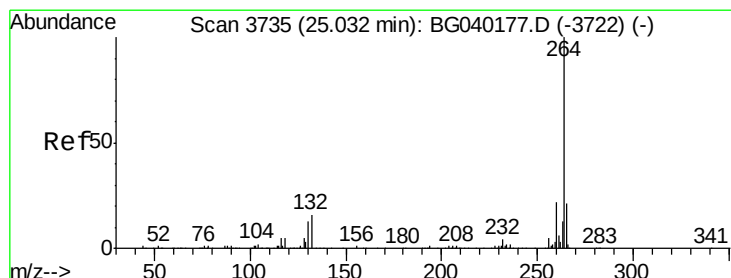
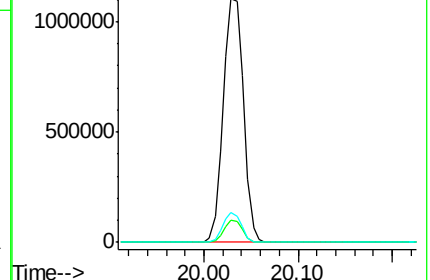
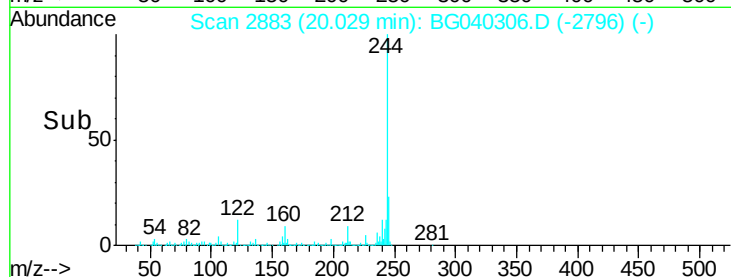
122 12.1 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG040306.D

Acq: 2 Apr 2019 21:19

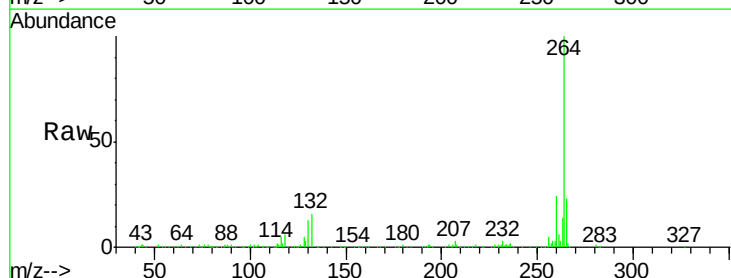
Tgt Ion:264 Resp: 448109

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 23.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

