

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040330.D
 Acq On : 3 Apr 2019 17:44
 Operator : JU/SJ
 Sample : PB118511BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:23:54 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

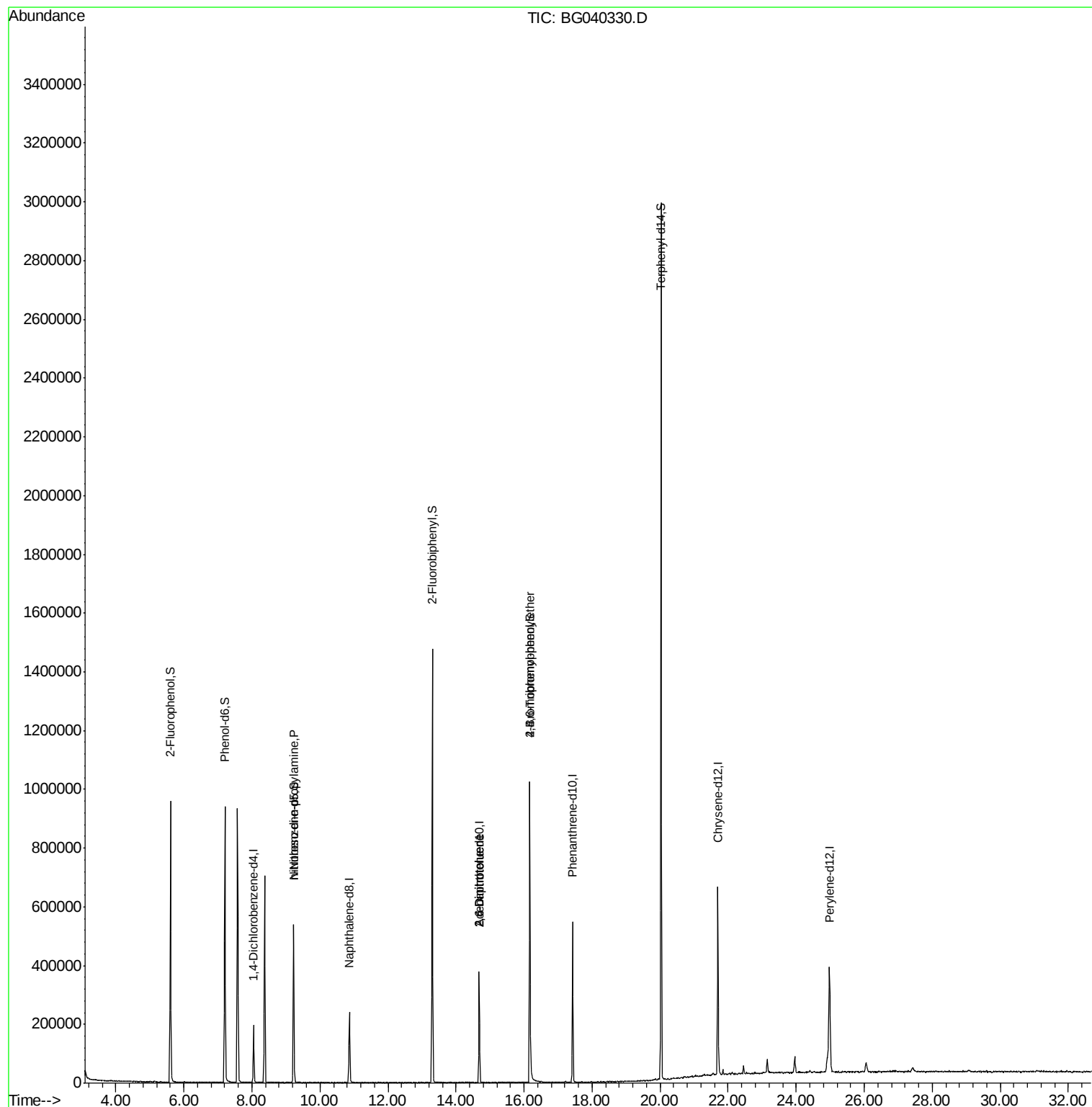
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55542	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	213535	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	130484	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	337625	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	396560	20.00	ng	-0.03
87) Perylene-d12	24.98	264	396850	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	425844	127.46	ng	-0.02
7) Phenol-d6	7.20	99	571767	123.83	ng	-0.02
23) Nitrobenzene-d5	9.22	82	335216	83.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	209703	148.71	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	778325	88.39	ng	-0.02
79) Terphenyl-d14	20.03	244	1367144	77.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42738	12.910	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	16800	7.327	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	16800	5.273	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	15783	4.154	ng	# 1

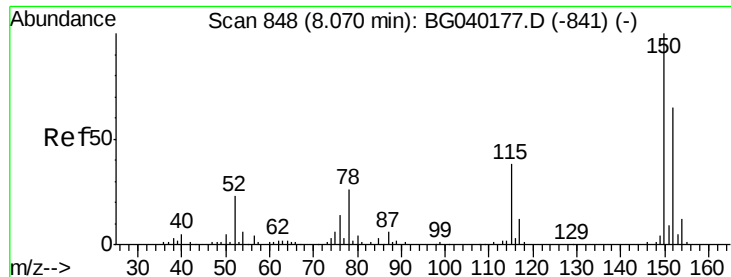
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



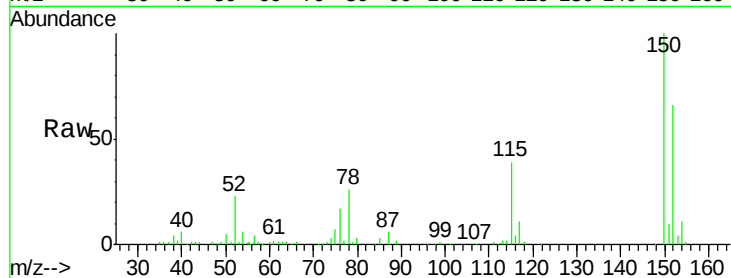


#1

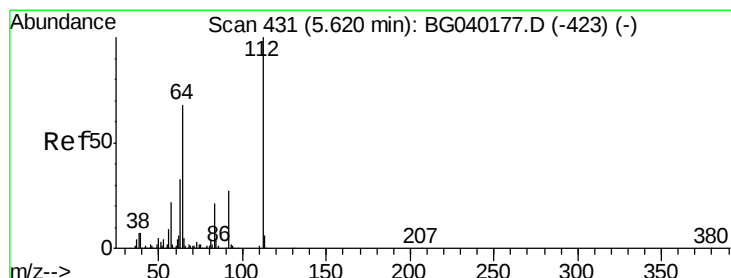
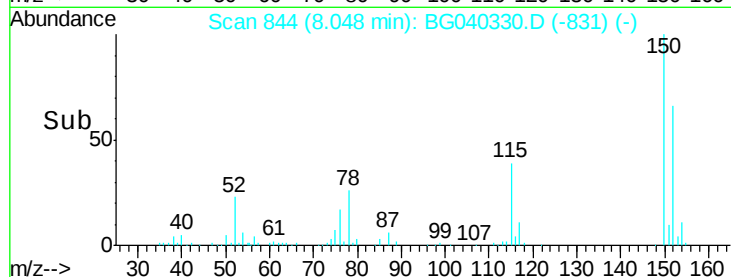
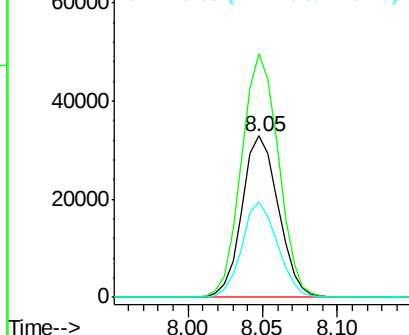
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040330.D
Acq: 3 Apr 2019 17:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55542
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 59.2 46.9 70.3



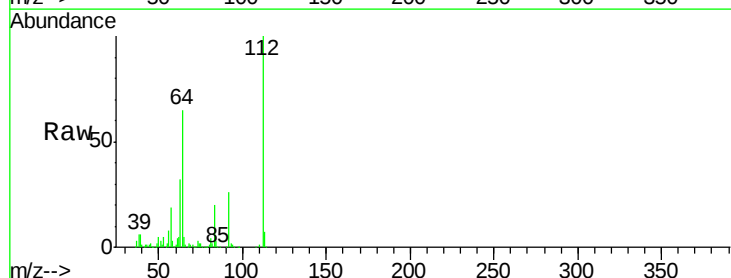
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



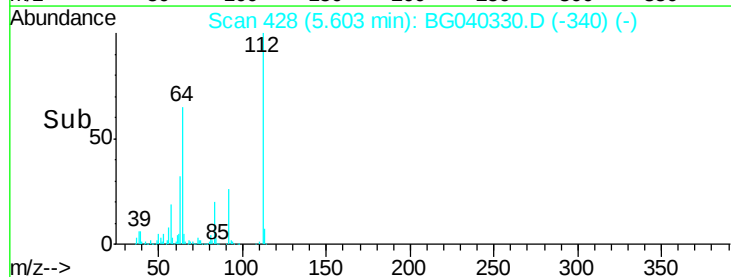
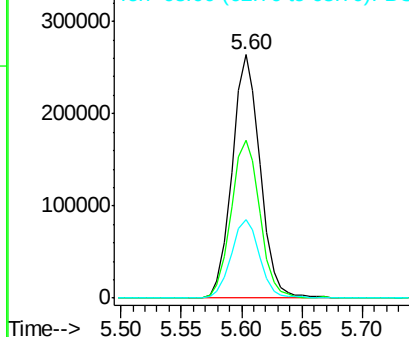
#5

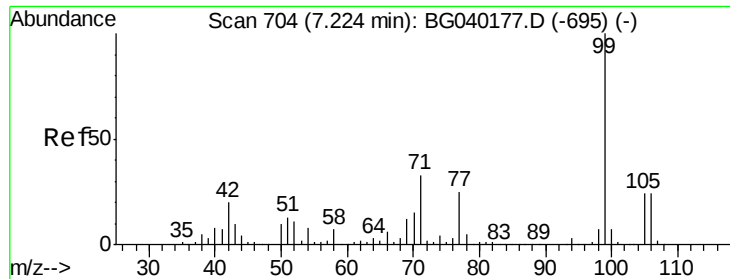
2-Fluorophenol
Concen: 127.458 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040330.D
Acq: 3 Apr 2019 17:44

Tgt Ion:112 Resp: 425844
Ion Ratio Lower Upper
112 100
64 64.6 54.2 81.2
63 32.3 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: 123.829 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040330.D

Acq: 3 Apr 2019 17:44

Instrument :

BNA_G

ClientSampleId :

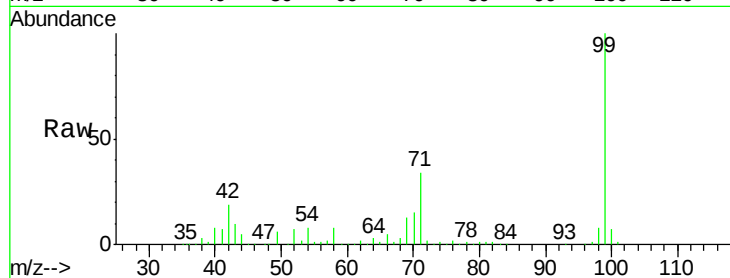
Tot Ion: 99 Resp: 571767

Ion Ratio Lower Upper

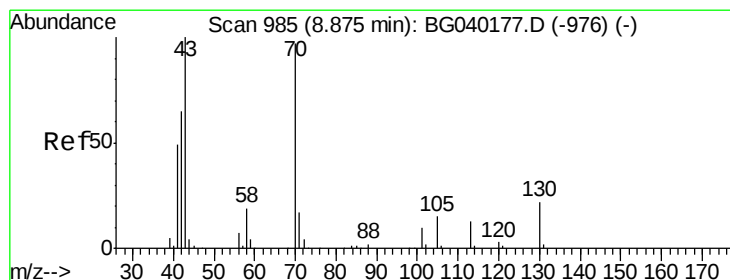
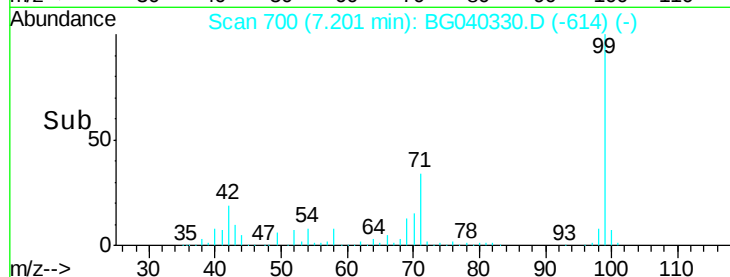
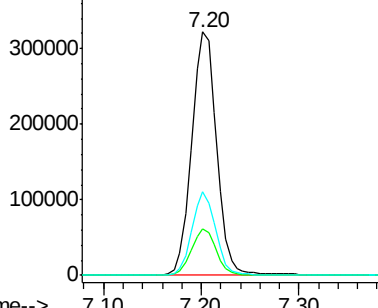
99 100

42 19.2 16.2 24.2

71 34.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.910 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040330.D

Acq: 3 Apr 2019 17:44

Tgt Ion: 70 Resp: 42738

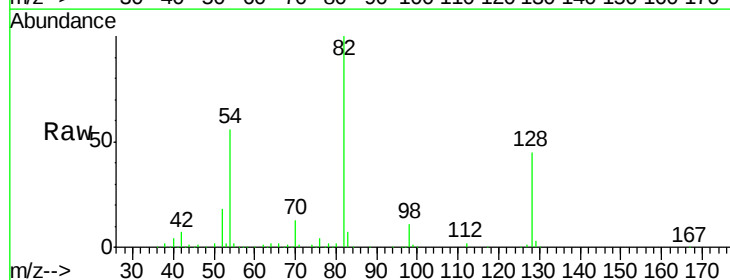
Ion Ratio Lower Upper

70 100

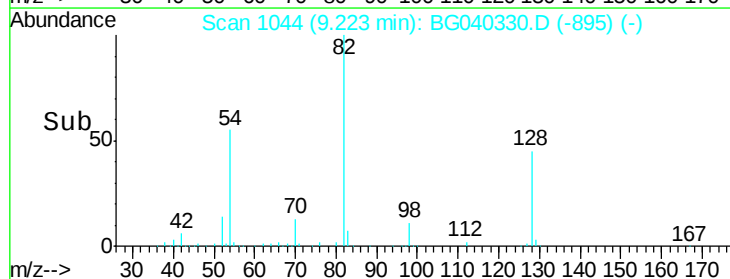
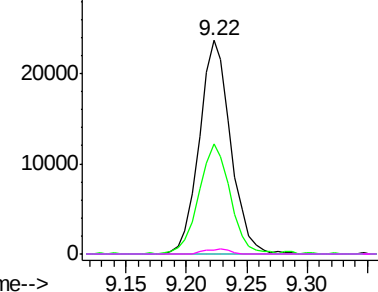
42 51.4 54.0 81.0#

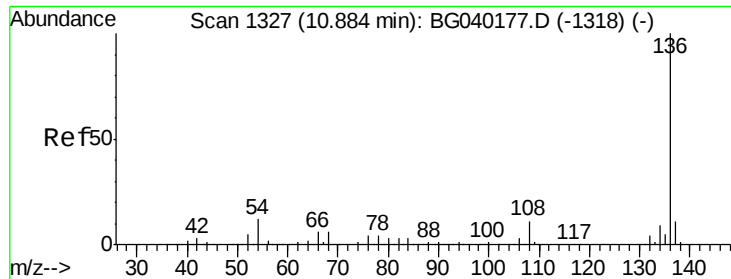
101 0.0 8.6 13.0#

130 2.1 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

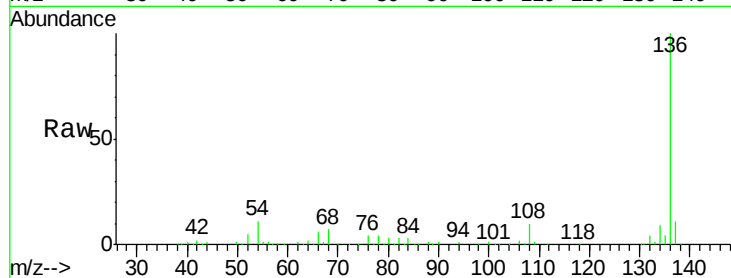




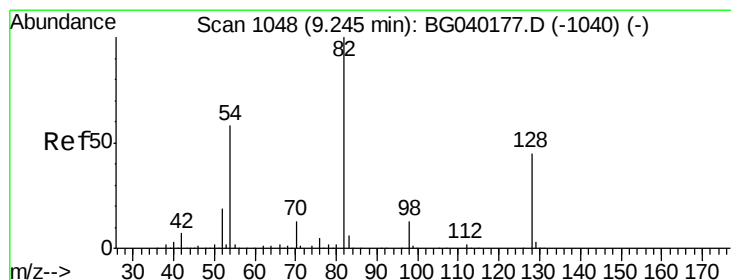
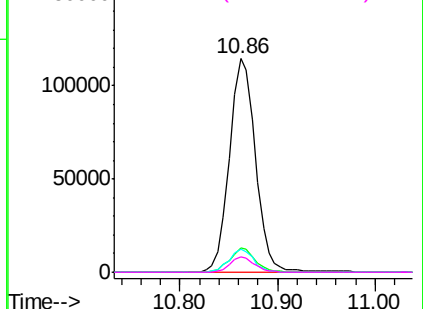
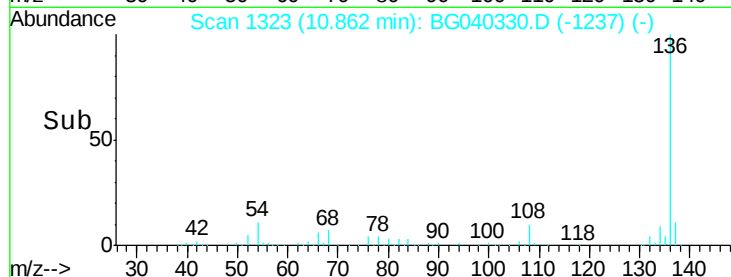
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040330.D
Acq: 3 Apr 2019 17:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	213535
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	10.8	9.6 14.4
68	7.4	5.1 7.7

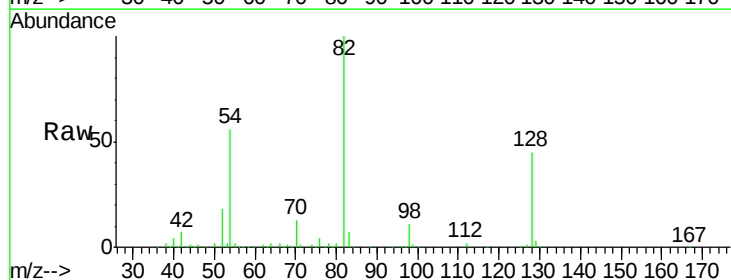


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

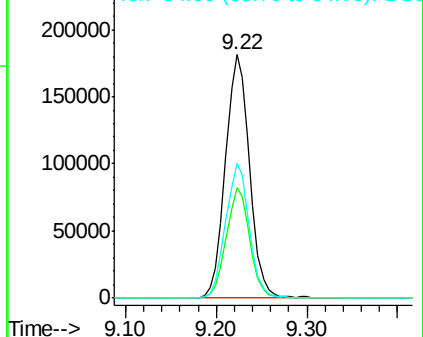
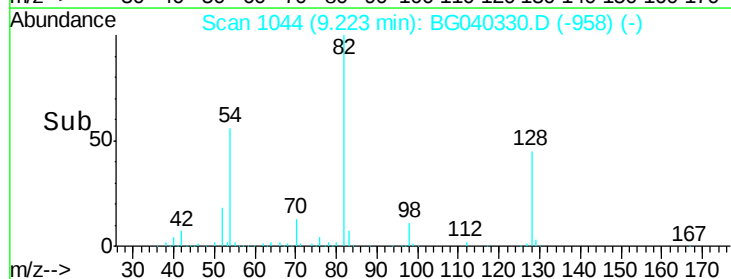


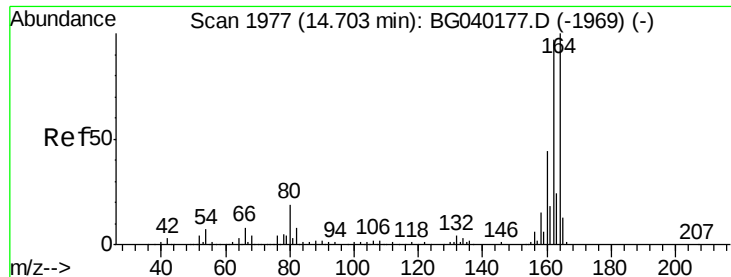
#23
Nitrobenzene-d5
Concen: 83.442 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040330.D
Acq: 3 Apr 2019 17:44

Tgt Ion: 82	Resp:	335216
Ion	Ratio	Lower Upper
82	100	
128	45.3	35.8 53.8
54	55.6	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

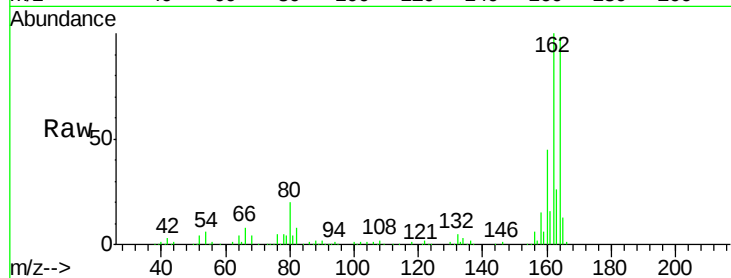




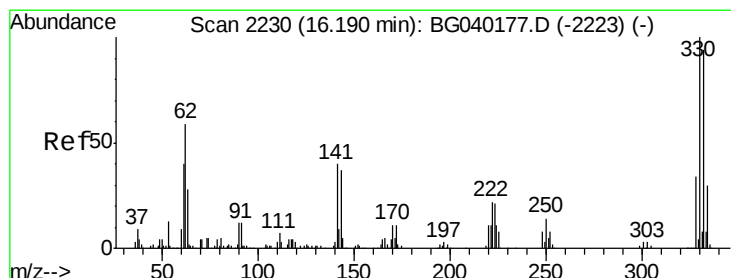
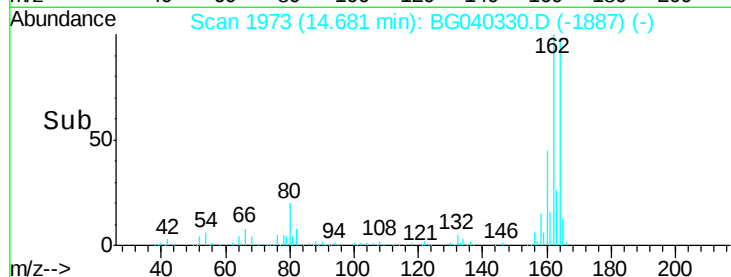
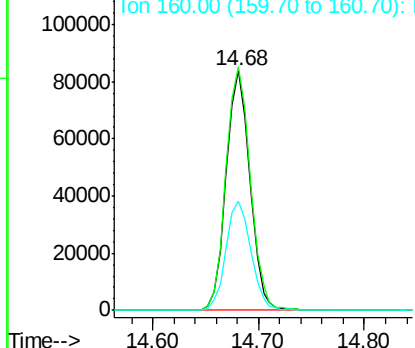
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040330.D
Acq: 3 Apr 2019 17:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 130484
Ion Ratio Lower Upper
164 100
162 101.8 77.4 116.2
160 45.6 35.3 52.9

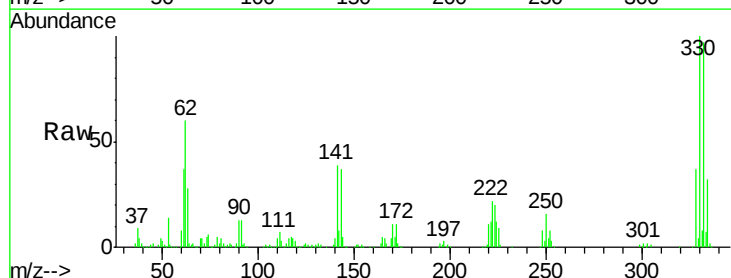


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

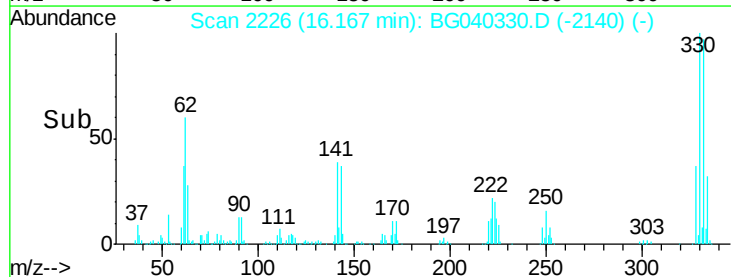
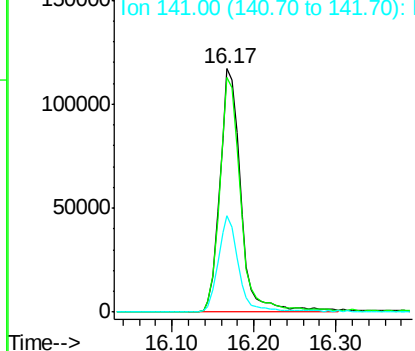


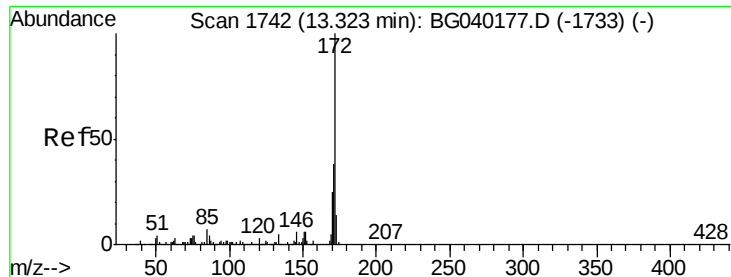
#42
2,4,6-Tribromophenol
Concen: 148.705 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040330.D
Acq: 3 Apr 2019 17:44

Tgt Ion:330 Resp: 209703
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 37.6 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: 88.386 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040330.D

Acq: 3 Apr 2019 17:44

Instrument :

BNA_G

ClientSampleId :

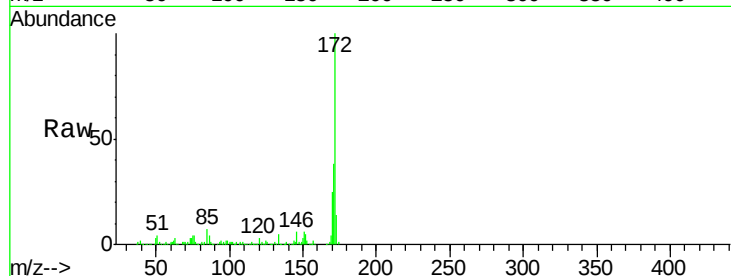
Tot Ion:172 Resp: 778325

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

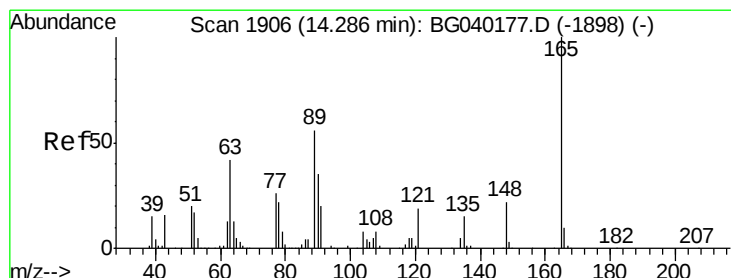
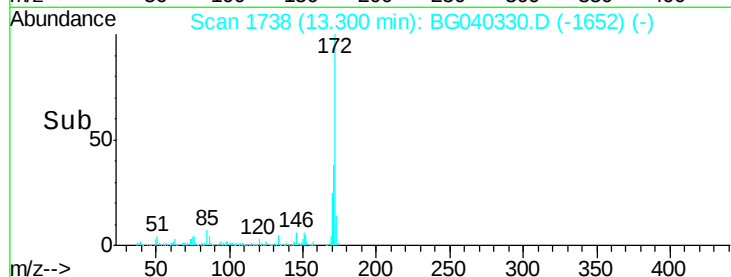
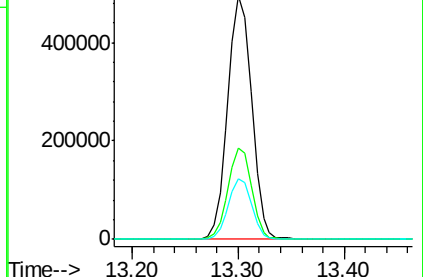
170 24.7 20.1 30.1



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: 7.327 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.39 min

Lab File: BG040330.D

Acq: 3 Apr 2019 17:44

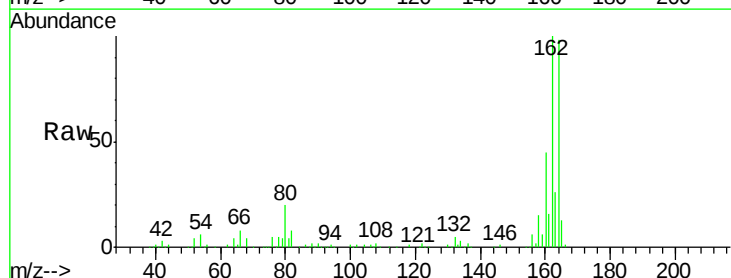
Tgt Ion:165 Resp: 16800

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

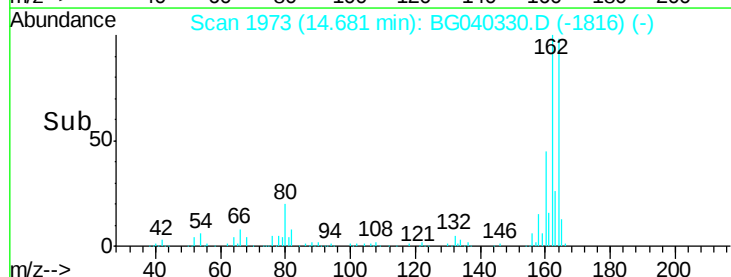
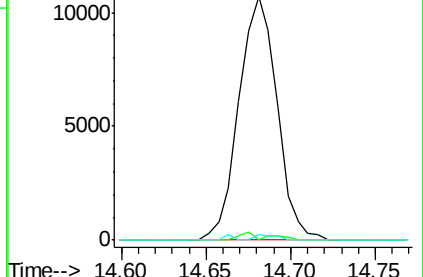
89 2.2 44.9 67.3#

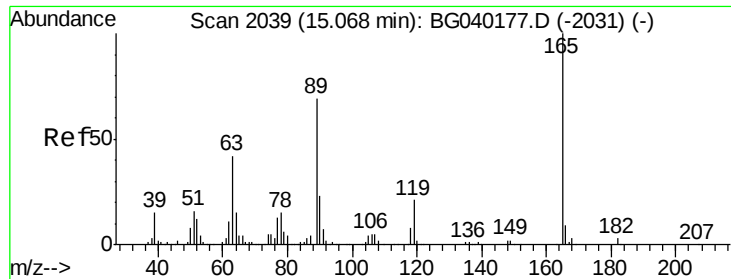


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

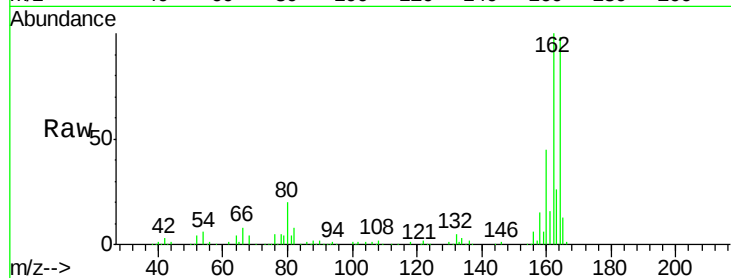




#57
 2,4-Dinitrotoluene
 Concen: 5.273 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040330.D
 Acq: 3 Apr 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :

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

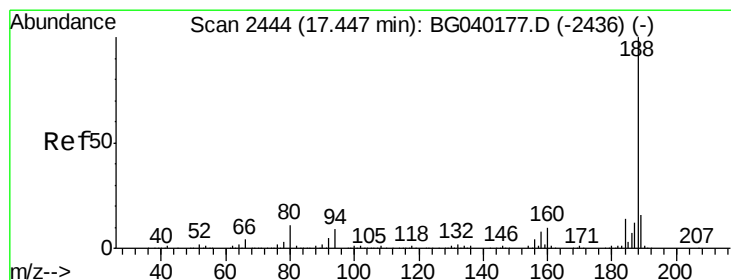
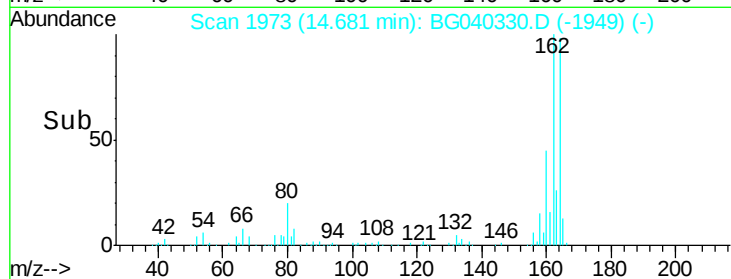
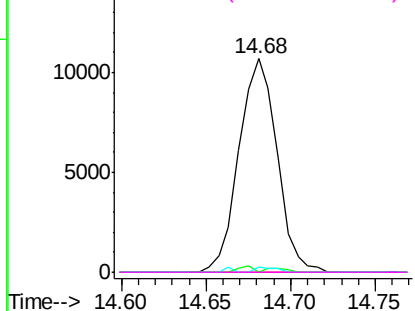


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

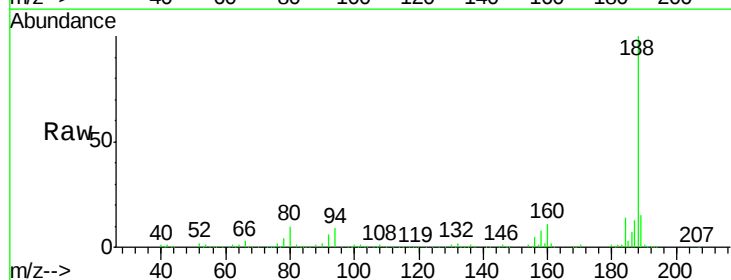
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040330.D
 Acq: 3 Apr 2019 17:44

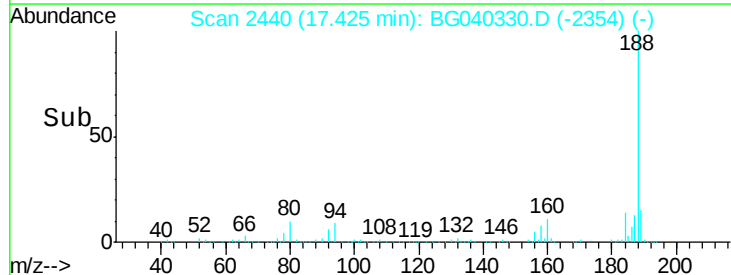
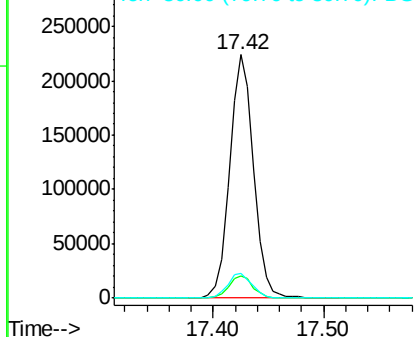
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.4	8.6	13.0

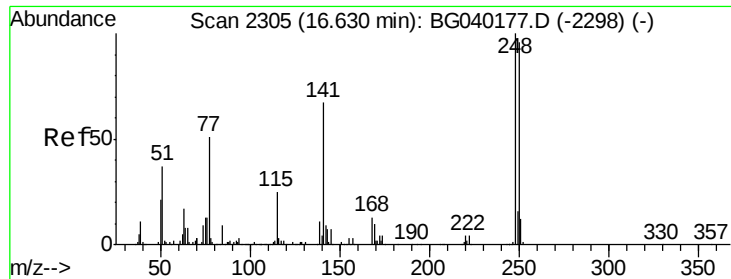


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

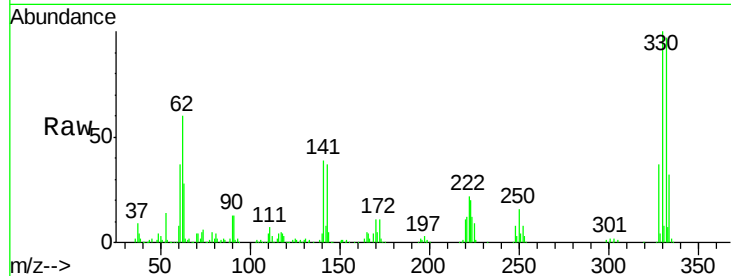




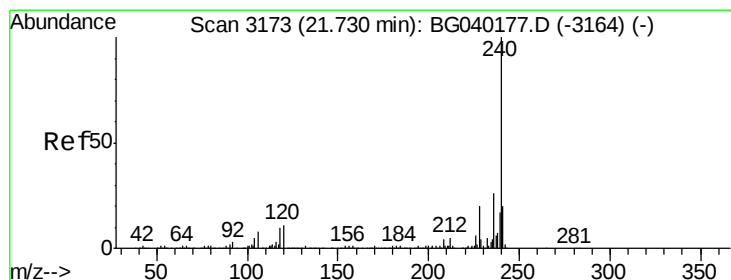
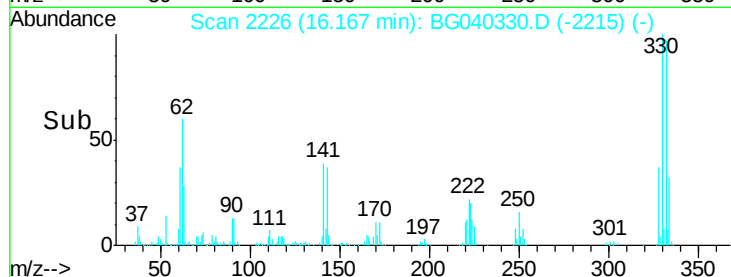
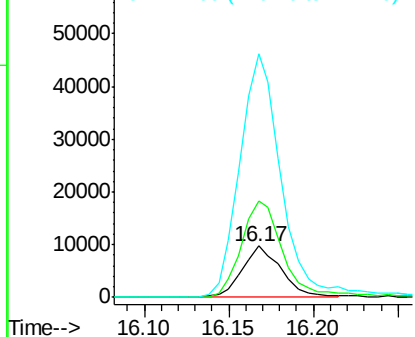
#67
 4-Bromophenyl-phenylether
 Concen: 4.154 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040330.D
 Acq: 3 Apr 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15783
 Ion Ratio Lower Upper
 248 100
 250 186.4 76.4 114.6#
 141 473.2 53.8 80.8#

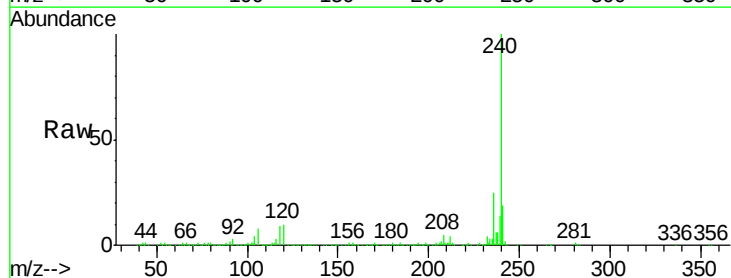


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

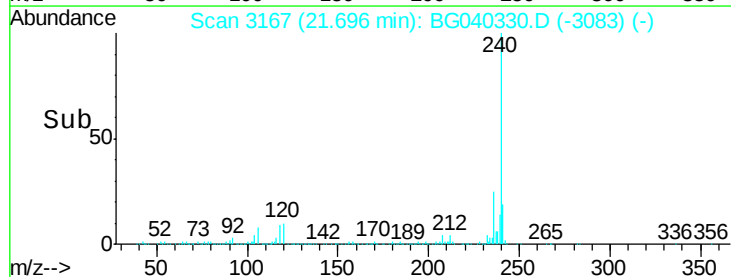
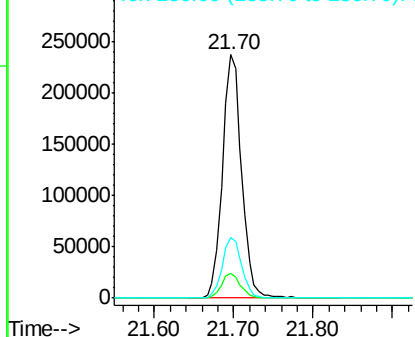


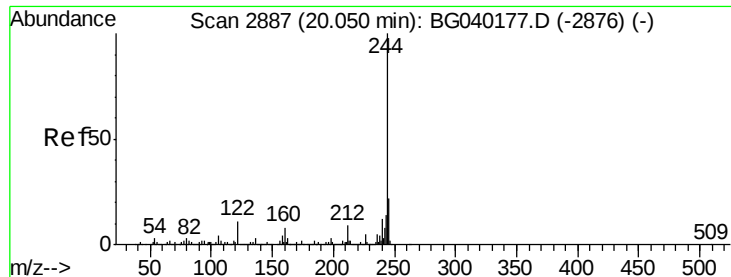
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG040330.D
 Acq: 3 Apr 2019 17:44

Tgt Ion:240 Resp: 396560
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 25.1 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: 77.557 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040330.D

Acq: 3 Apr 2019 17:44

Instrument :

BNA_G

ClientSampled :

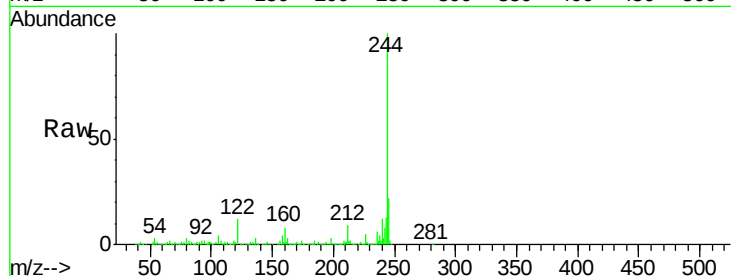
Tot Ion:244 Resp: 1367144

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

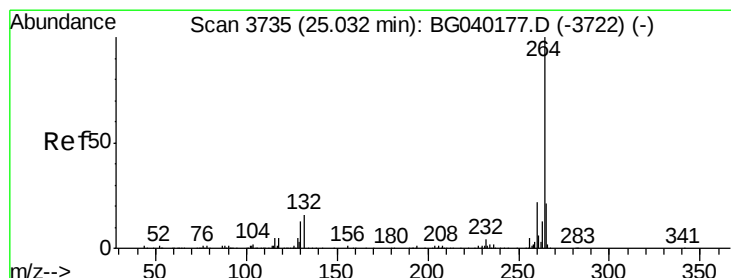
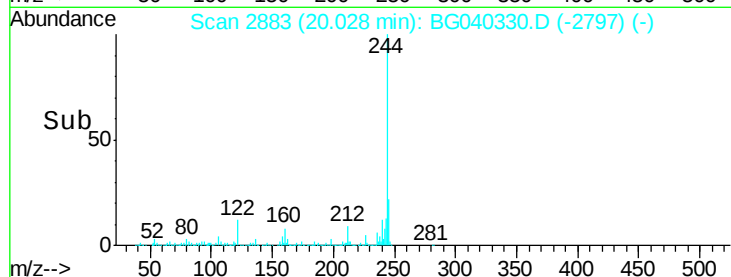
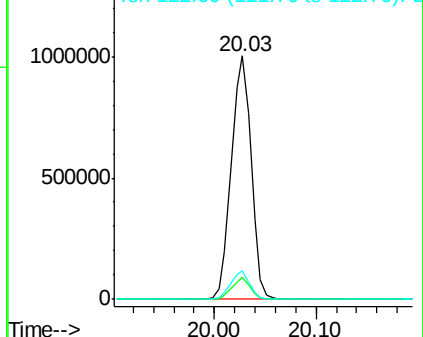
122 11.6 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040330.D

Acq: 3 Apr 2019 17:44

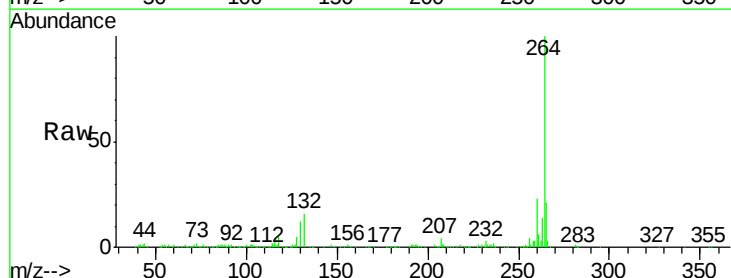
Tgt Ion:264 Resp: 396850

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 20.7 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

