

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040249.D
 Acq On : 30 Mar 2019 6:36
 Operator : JU/SJ
 Sample : PB118419TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118419TB

Quant Time: Apr 01 02:06:16 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

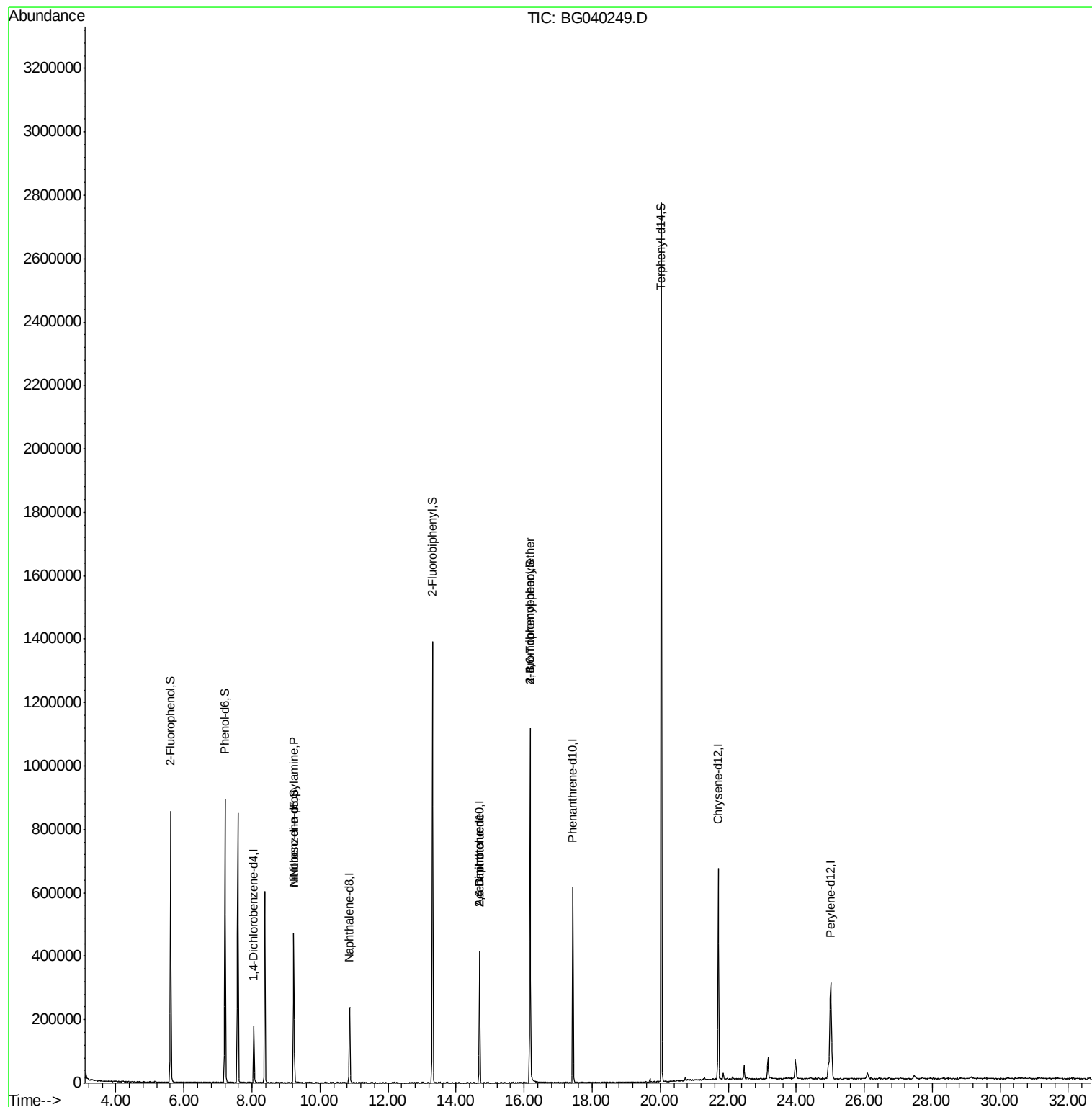
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49586	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	212813	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	145152	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	395154	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	412639	20.00	ng	-0.02
87) Perylene-d12	25.01	264	407193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	370227	124.12	ng	-0.01
7) Phenol-d6	7.21	99	519622	126.05	ng	-0.02
23) Nitrobenzene-d5	9.23	82	293300	73.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	204639	130.45	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	744225	75.97	ng	-0.02
79) Terphenyl-d14	20.03	244	1331034	72.57	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	37234	12.598	ng	# 70
51) 2,6-Dinitrotoluene	14.69	165	17909	7.021	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	17909	5.053	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	15070	3.389	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040249.D
Acq On : 30 Mar 2019 6:36
Operator : JU/SJ
Sample : PB118419TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118419TB

Quant Time: Apr 01 02:06:16 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



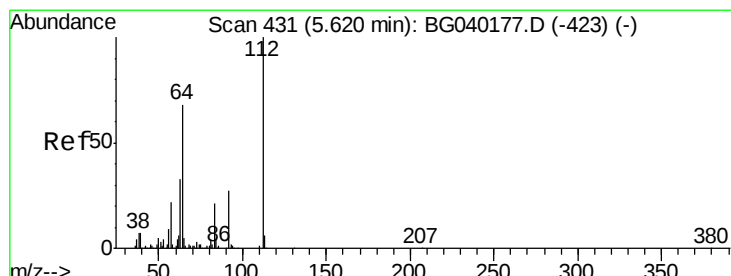
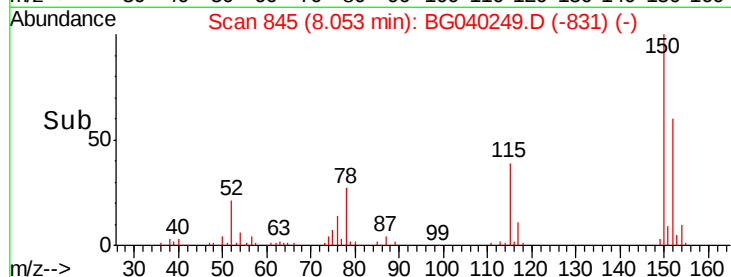
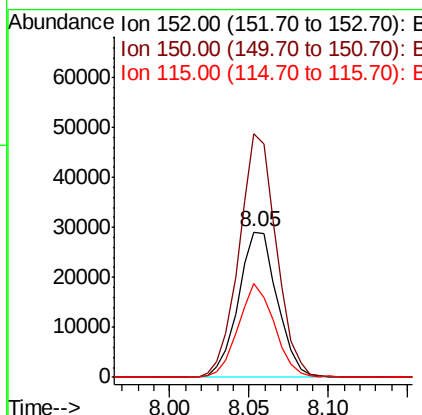
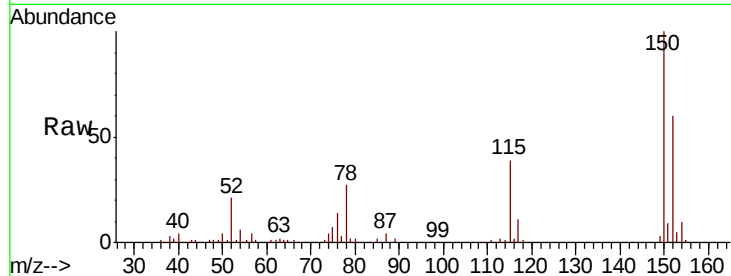


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040249.D
Acq: 30 Mar 2019 6:36

Instrument :
BNA_G
ClientSampleId :
PB118419TB

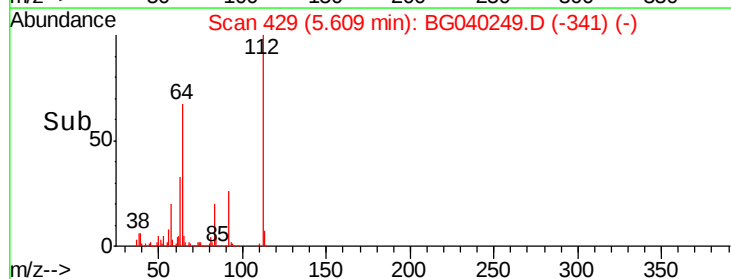
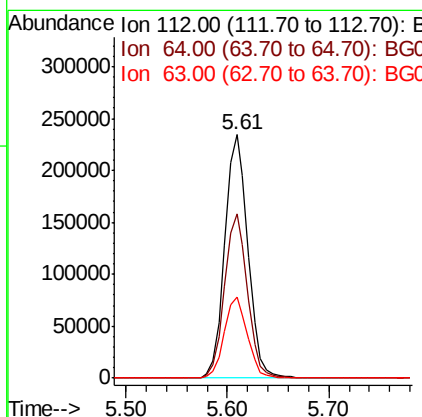
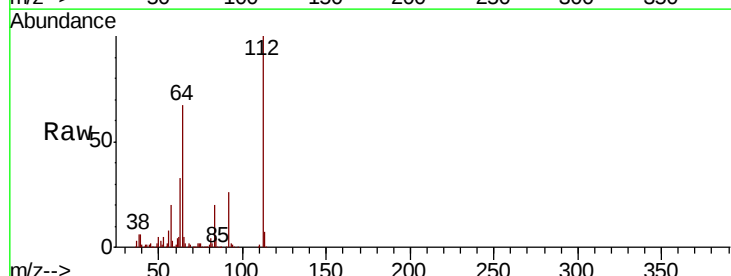
Tgt Ion:152 Resp: 49586
Ion Ratio Lower Upper
152 100
150 167.2 123.7 185.5
115 64.6 46.9 70.3



#5

2-Fluorophenol
Concen: 124.122 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040249.D
Acq: 30 Mar 2019 6:36

Tgt Ion:112 Resp: 370227
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.2
63 33.3 26.4 39.6





#7

Phenol-d6

Concen: 126.053 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040249.D

Acq: 30 Mar 2019 6:36

Instrument :

BNA_G

ClientSampleId :

PB118419TB

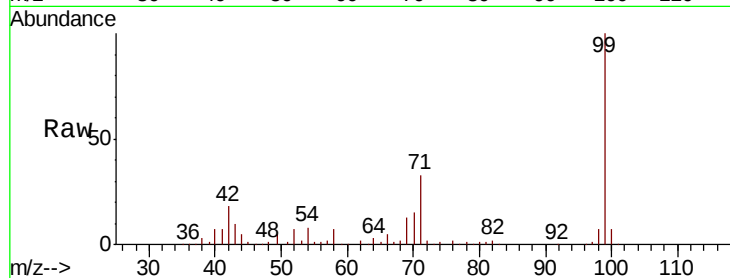
Tgt Ion: 99 Resp: 519622

Ion Ratio Lower Upper

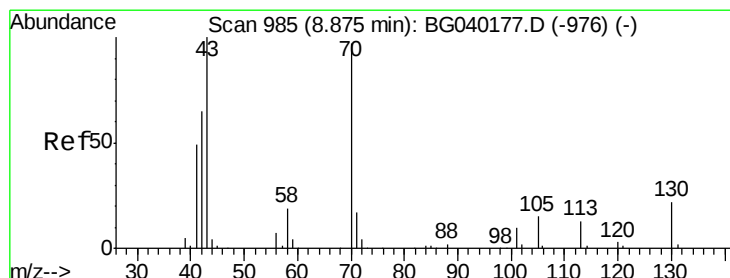
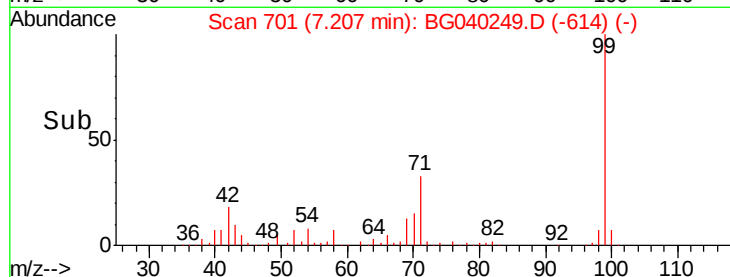
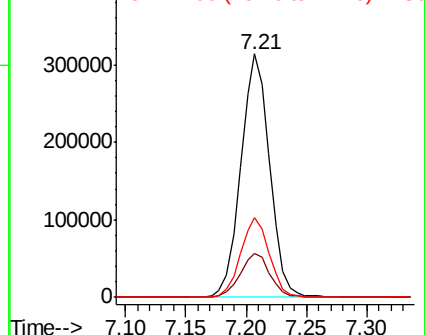
99 100

42 18.2 16.2 24.2

71 32.6 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: 12.598 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040249.D

Acq: 30 Mar 2019 6:36

Tgt Ion: 70 Resp: 37234

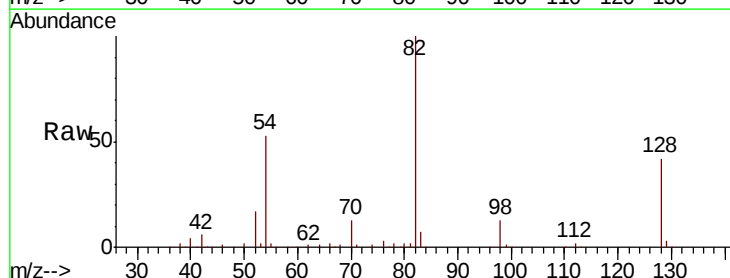
Ion Ratio Lower Upper

70 100

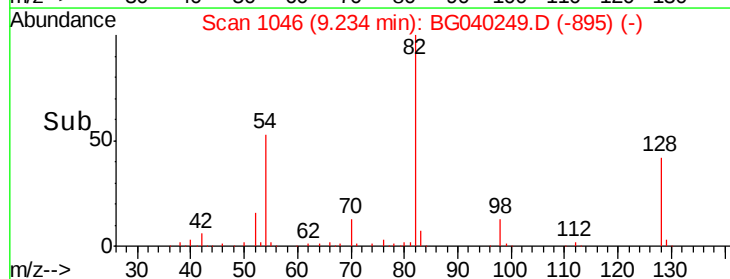
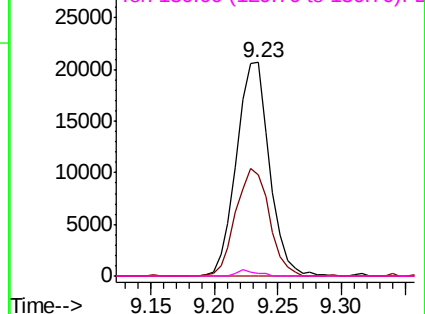
42 47.3 54.0 81.0#

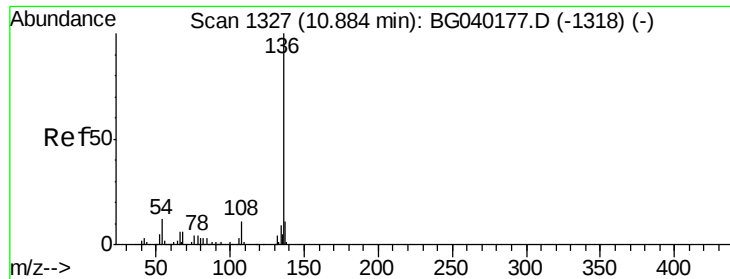
101 0.0 8.6 13.0#

130 1.3 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

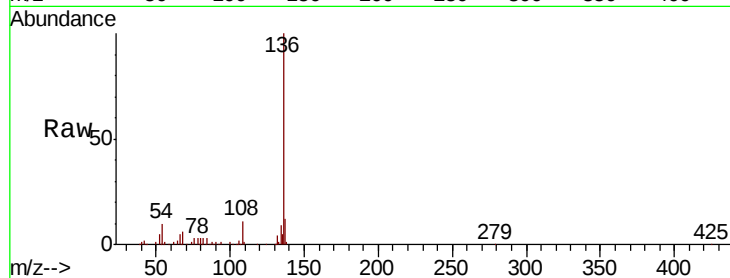




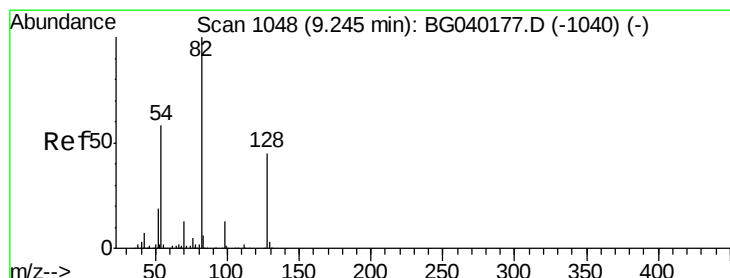
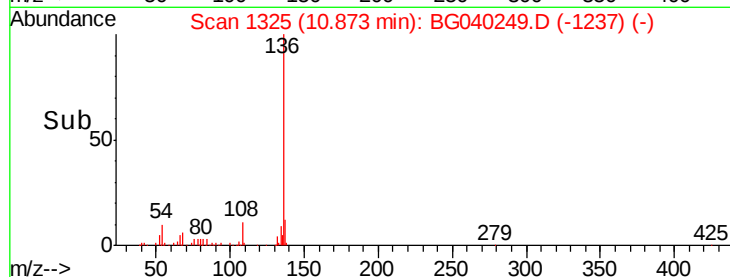
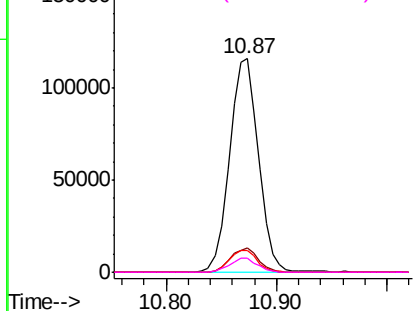
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040249.D
Acq: 30 Mar 2019 6:36

Instrument :
BNA_G
ClientSampleId :
PB118419TB

Tgt Ion:	136	Resp:	212813
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.1	9.6	14.4
68	6.4	5.1	7.7

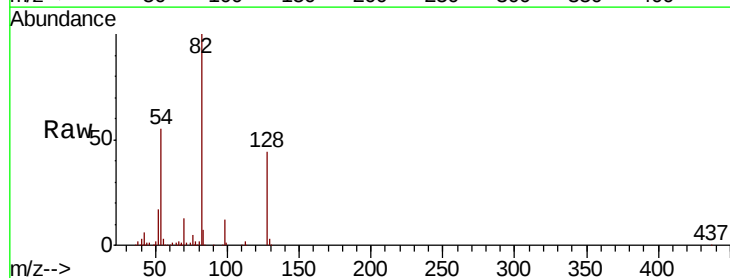


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

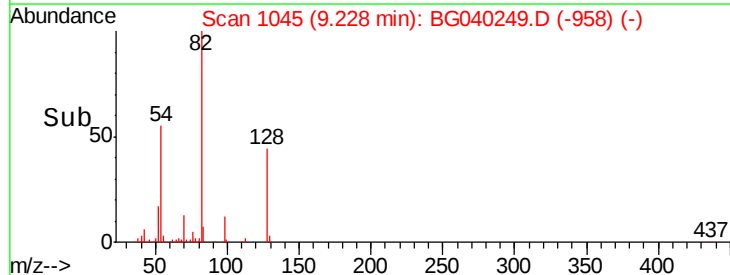
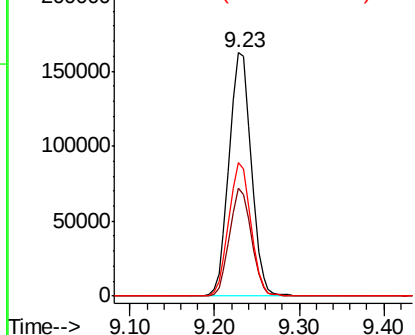


#23
Nitrobenzene-d5
Concen: 73.256 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040249.D
Acq: 30 Mar 2019 6:36

Tgt Ion:	82	Resp:	293300
Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.8
54	55.0	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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040249.D

Acq: 30 Mar 2019 6:36

Instrument :

BNA_G

ClientSampleId :

PB118419TB

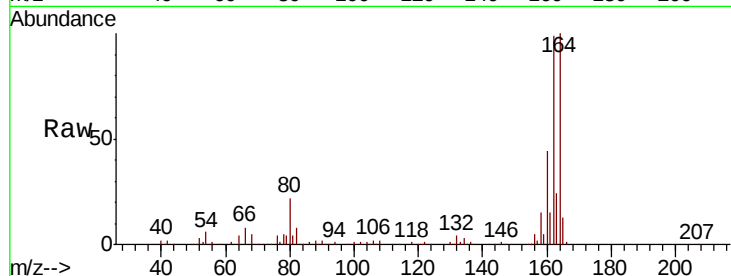
Tgt Ion:164 Resp: 145152

Ion Ratio Lower Upper

164 100

162 98.6 77.4 116.2

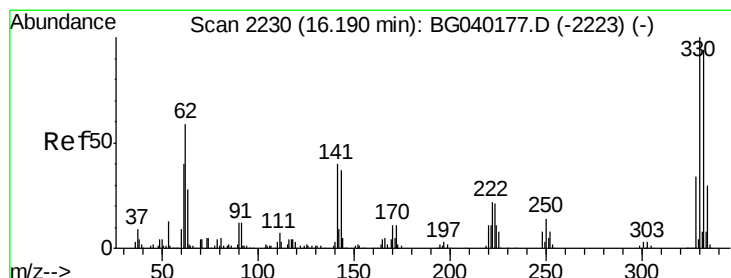
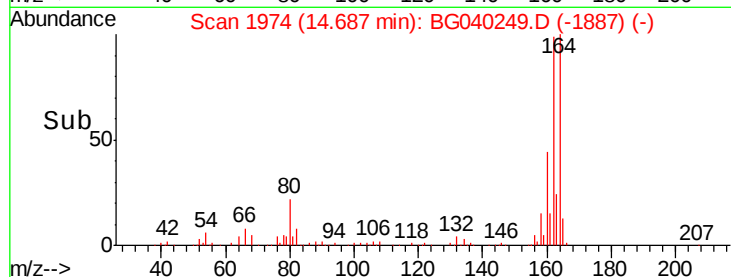
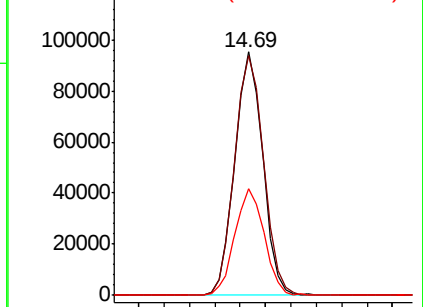
160 43.9 35.3 52.9



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: 130.450 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040249.D

Acq: 30 Mar 2019 6:36

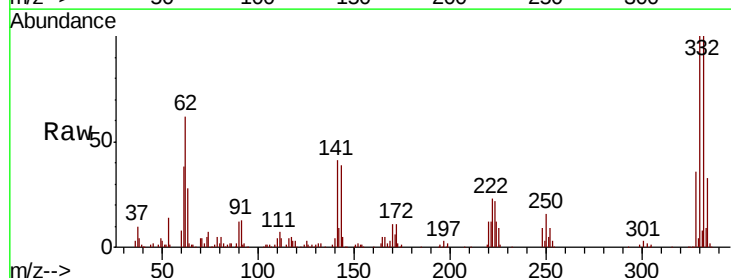
Tgt Ion:330 Resp: 204639

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

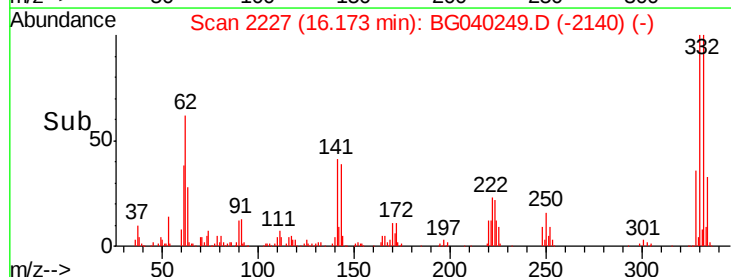
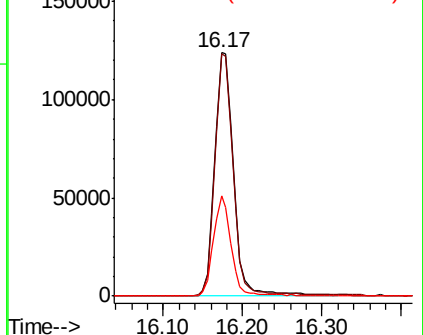
141 38.5 32.6 48.8



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

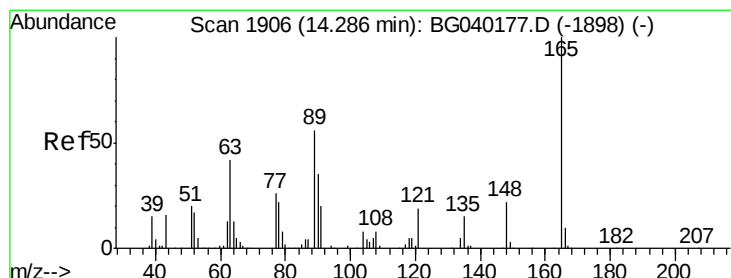
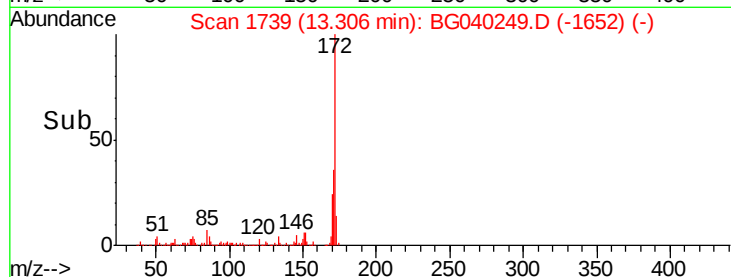
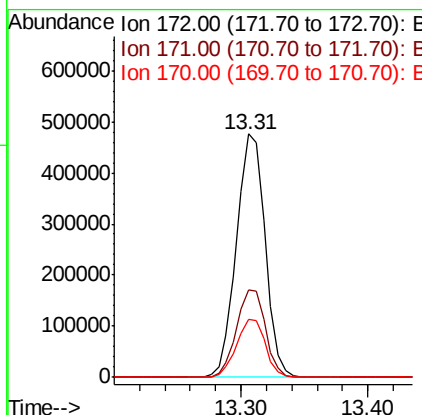
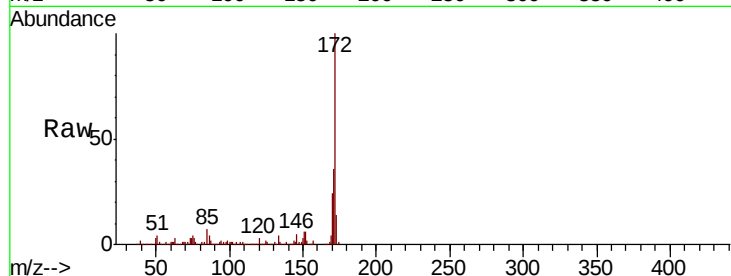




#45
2-Fluorobiphenyl
Concen: 75.973 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040249.D
Acq: 30 Mar 2019 6:36

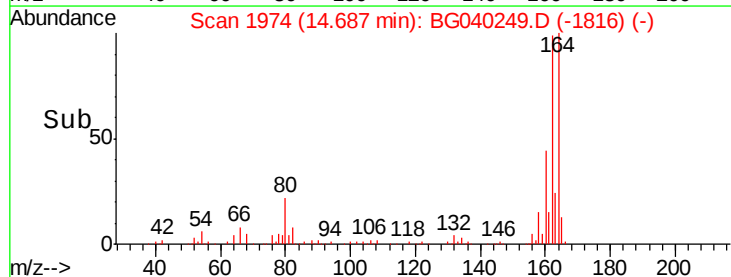
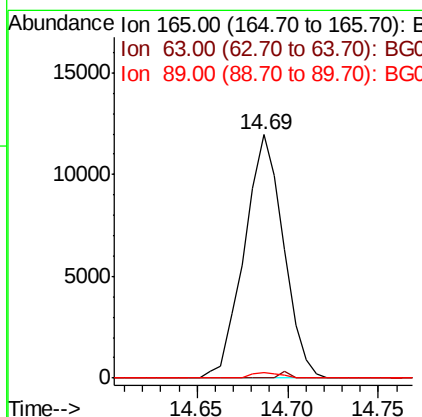
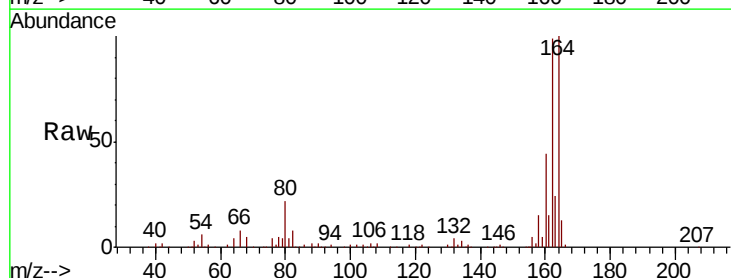
Instrument :
BNA_G
ClientSampleId :
PB118419TB

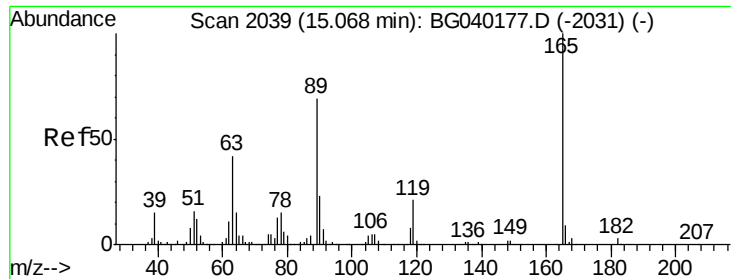
Tgt Ion:172 Resp: 744225
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.7 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.021 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG040249.D
Acq: 30 Mar 2019 6:36

Tgt Ion:165 Resp: 17909
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 2.2 44.9 67.3#

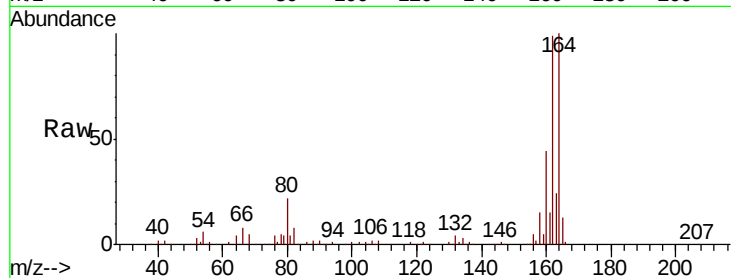




#57
 2,4-Dinitrotoluene
 Concen: 5.053 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040249.D
 Acq: 30 Mar 2019 6:36

Instrument :
 BNA_G
 ClientSampleId :
 PB118419TB

Tgt 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#

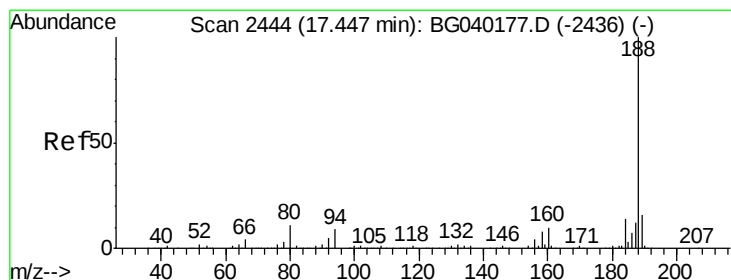
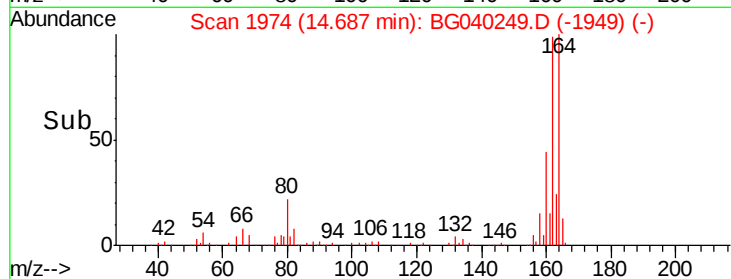
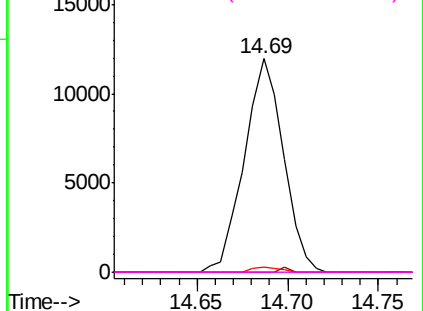


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

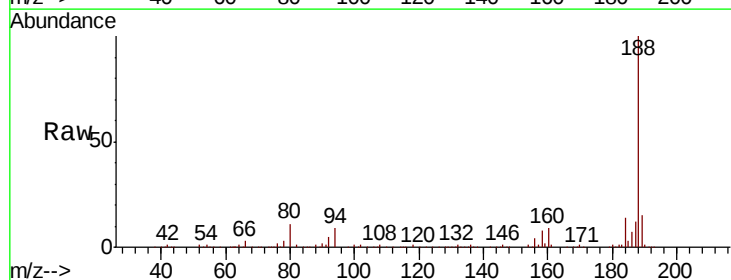
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040249.D
 Acq: 30 Mar 2019 6:36

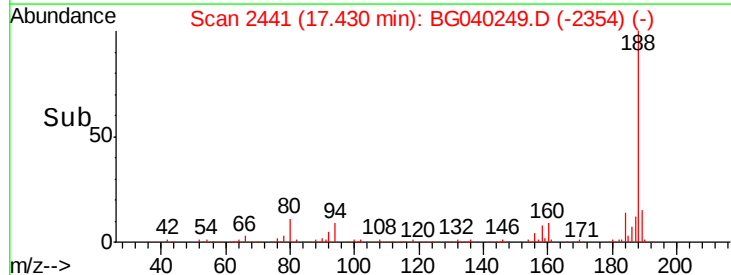
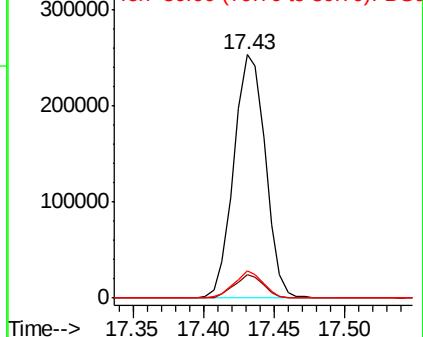
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	11.1	8.6	13.0

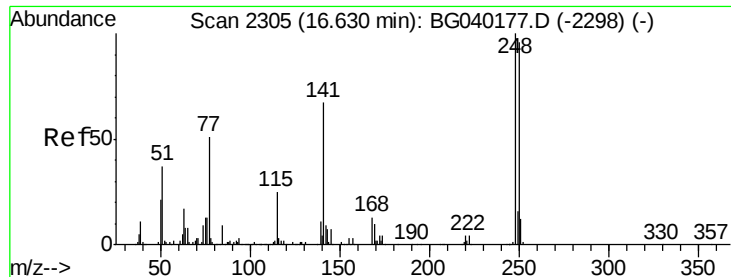


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

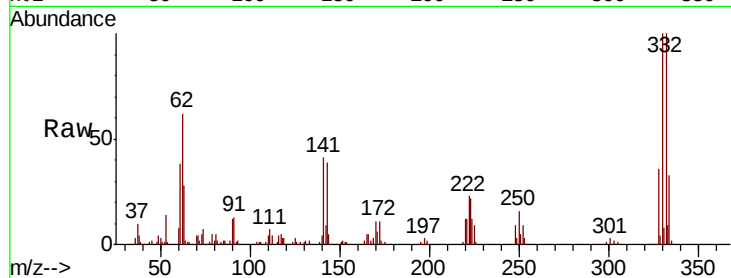




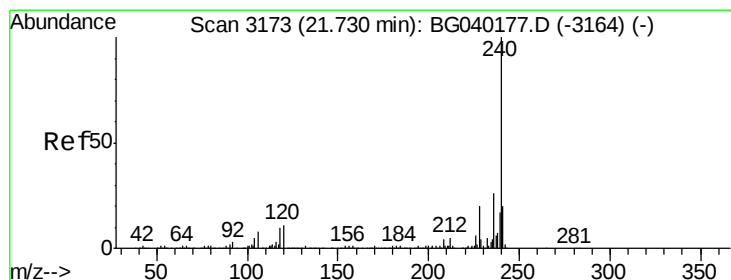
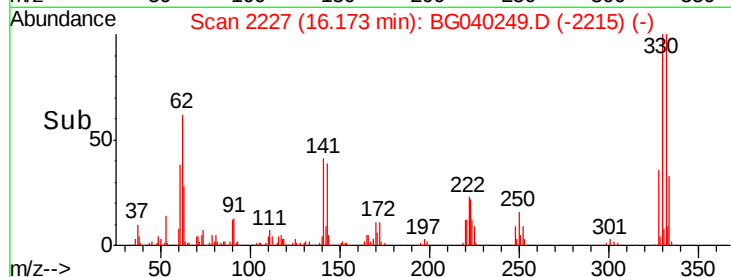
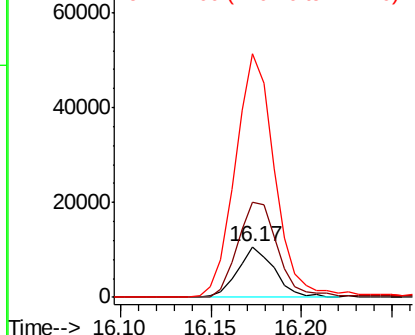
#67
 4-Bromophenyl-phenylether
 Concen: 3.389 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040249.D
 Acq: 30 Mar 2019 6:36

Instrument :
 BNA_G
 ClientSampleId :
 PB118419TB

Tgt Ion:248 Resp: 15070
 Ion Ratio Lower Upper
 248 100
 250 186.7 76.4 114.6#
 141 478.4 53.8 80.8#

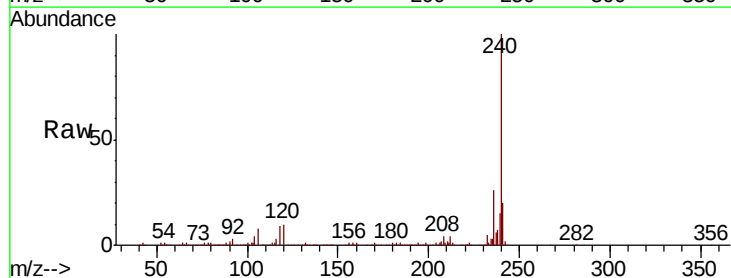


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

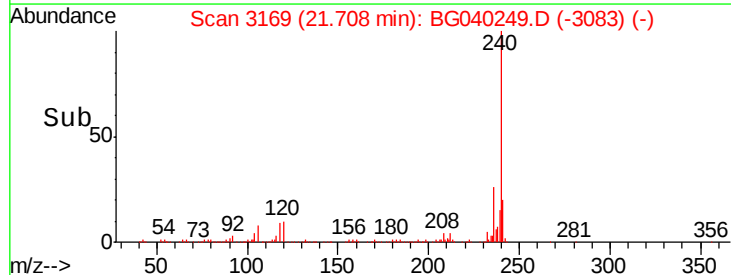
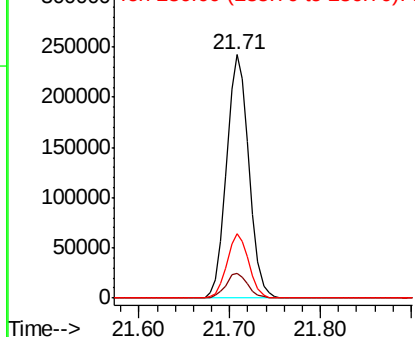


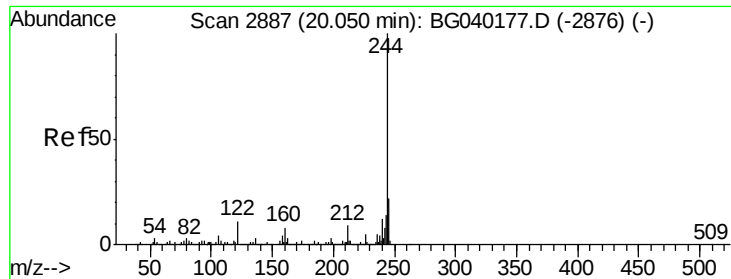
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040249.D
 Acq: 30 Mar 2019 6:36

Tgt Ion:240 Resp: 412639
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.3 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: 72.566 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040249.D

Acq: 30 Mar 2019 6:36

Instrument :

BNA_G

ClientSampleId :

PB118419TB

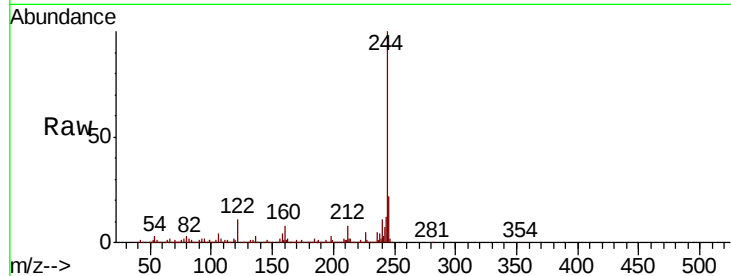
Tgt Ion:244 Resp: 1331034

Ion Ratio Lower Upper

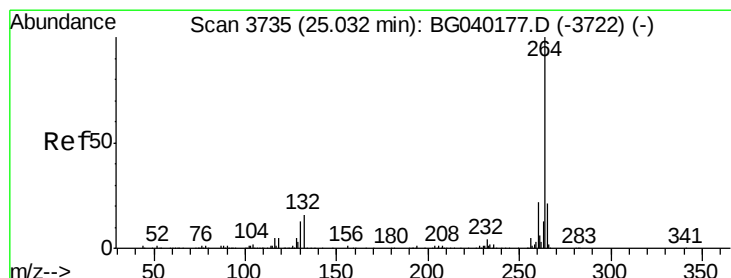
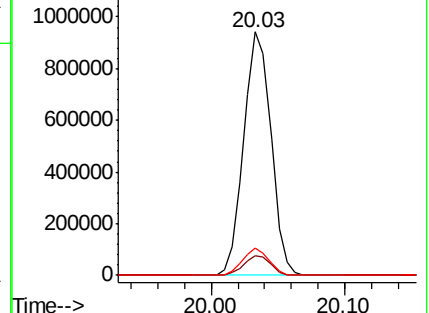
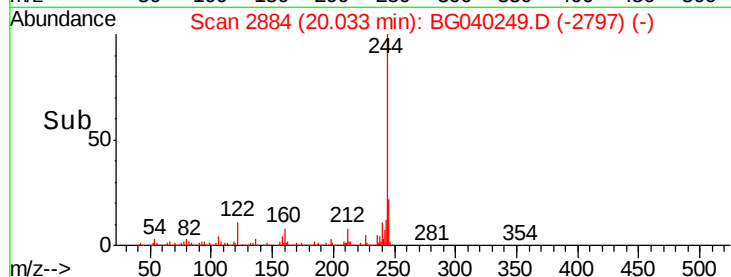
244 100

212 8.2 7.0 10.6

122 11.4 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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040249.D

Acq: 30 Mar 2019 6:36

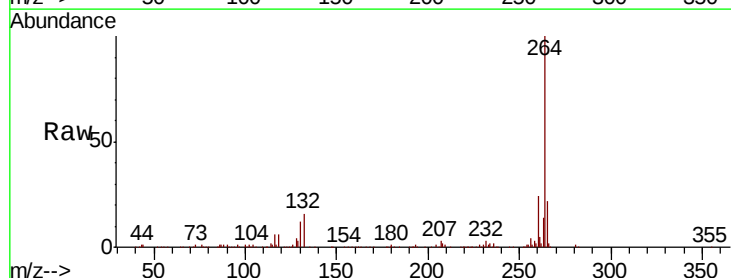
Tgt Ion:264 Resp: 407193

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 21.9 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

