

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040261.D
 Acq On : 30 Mar 2019 14:36
 Operator : JU/SJ
 Sample : K1685-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-032819-A

Quant Time: Apr 01 02:09:20 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

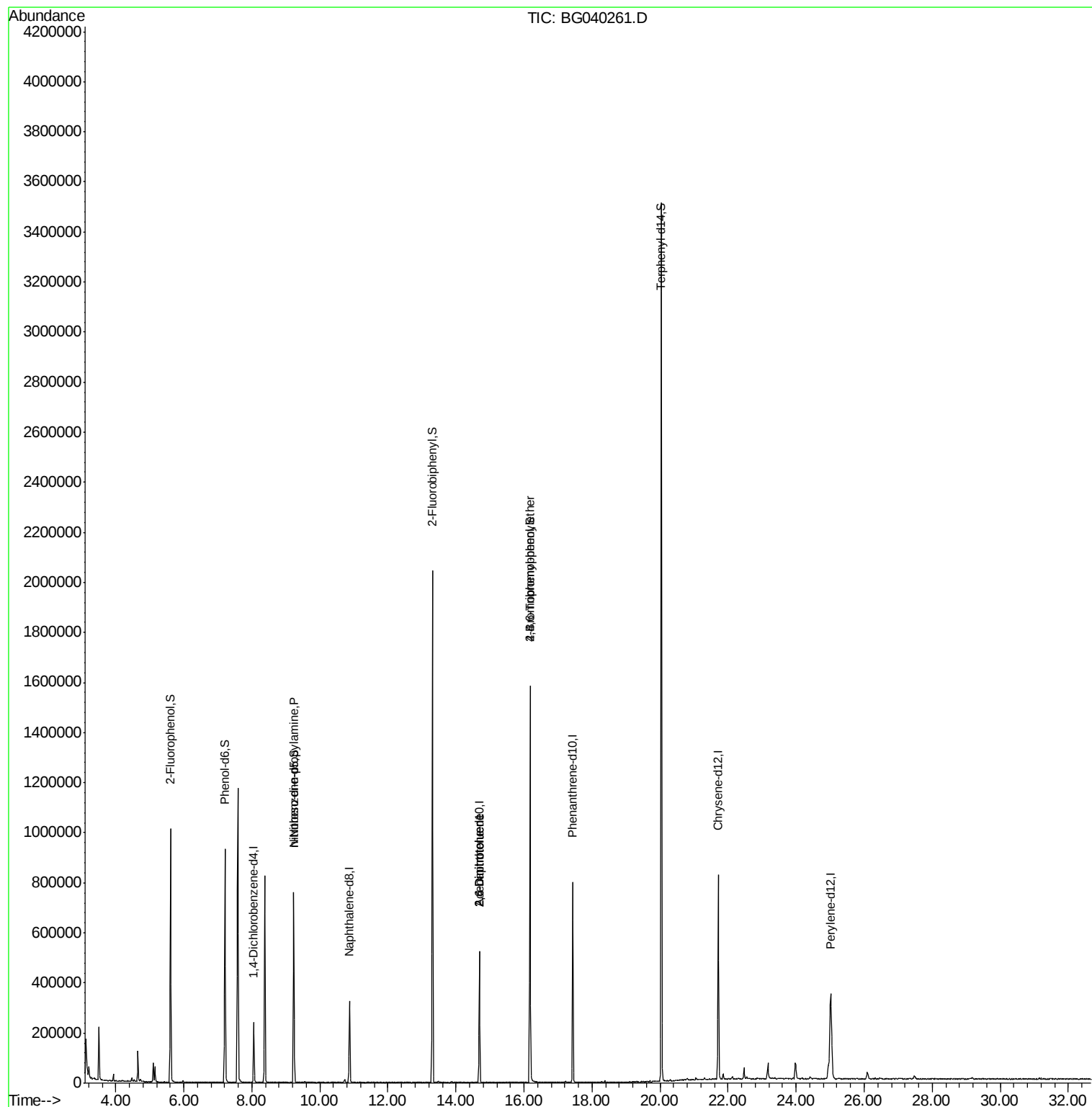
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64970	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	281886	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	182733	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	480945	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	503889	20.00	ng	-0.02
87) Perylene-d12	25.02	264	499952	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	448487	114.76	ng	0.00
7) Phenol-d6	7.21	99	560655	103.80	ng	-0.01
23) Nitrobenzene-d5	9.23	82	452436	85.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	287739	145.70	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1066247	86.46	ng	-0.01
79) Terphenyl-d14	20.04	244	1788300	79.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	55871	14.428	ng	# 76
51) 2,6-Dinitrotoluene	14.68	165	24033	7.484	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	24033	5.386	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	21189	3.915	ng	# 1

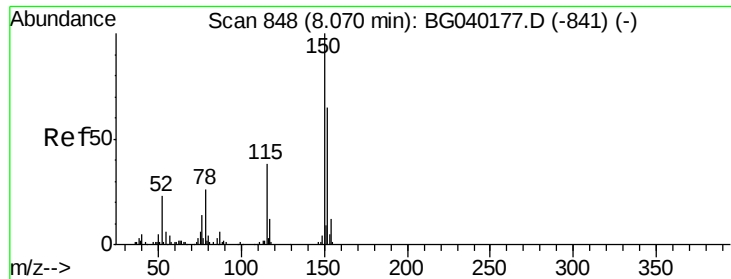
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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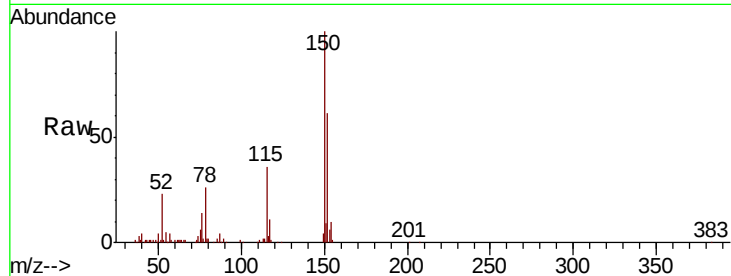


#1

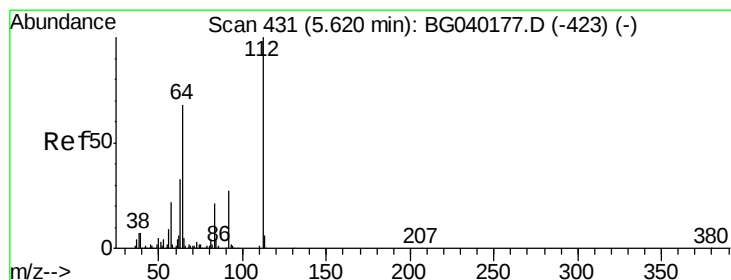
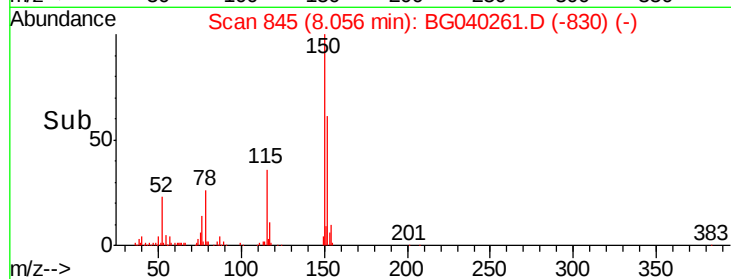
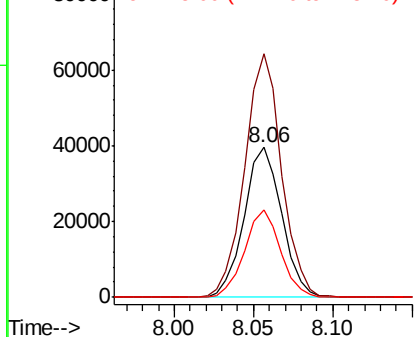
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Instrument :
BNA_G
ClientSampleId :
AU-06-032819-A

Tgt Ion:152 Resp: 64970
Ion Ratio Lower Upper
152 100
150 162.7 123.7 185.5
115 58.1 46.9 70.3



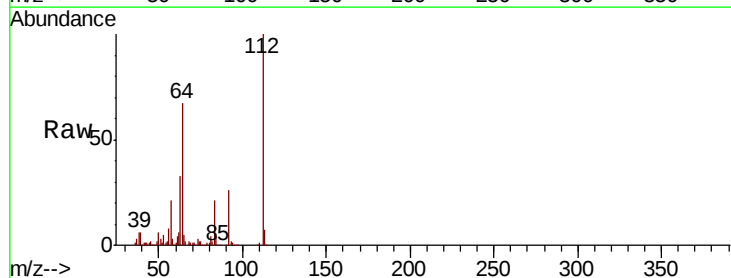
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



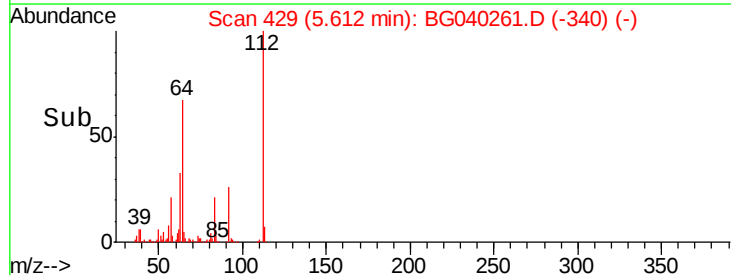
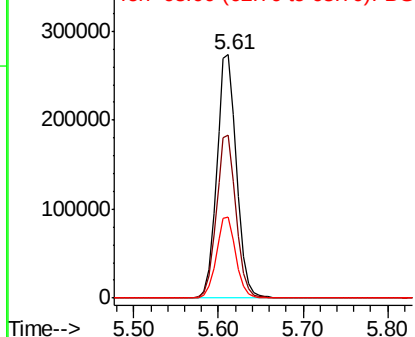
#5

2-Fluorophenol
Concen: 114.756 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Tgt Ion:112 Resp: 448487
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.2
63 33.2 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: 103.803 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-A

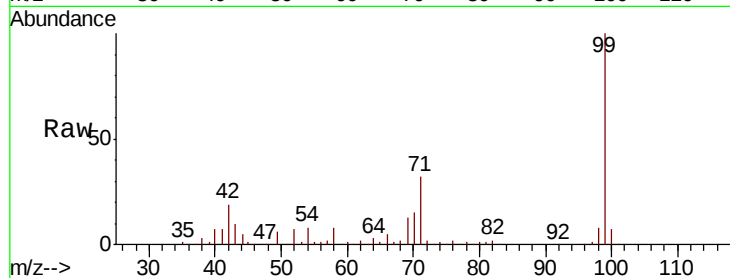
Tgt Ion: 99 Resp: 560655

Ion Ratio Lower Upper

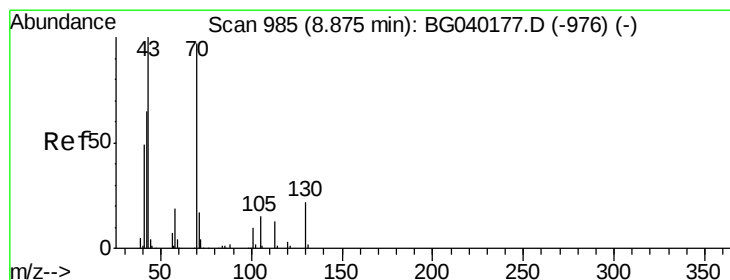
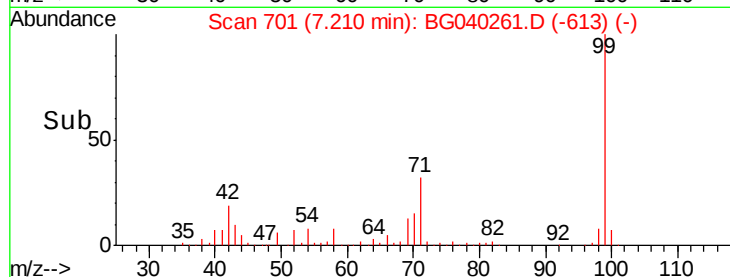
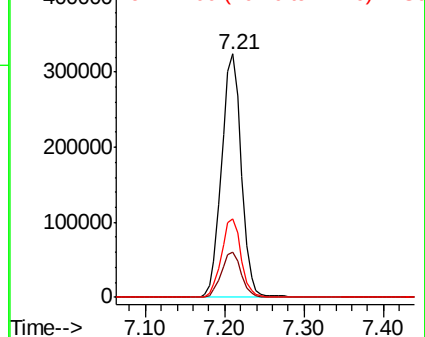
99 100

42 18.7 16.2 24.2

71 32.1 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: 14.428 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

Tgt Ion: 70 Resp: 55871

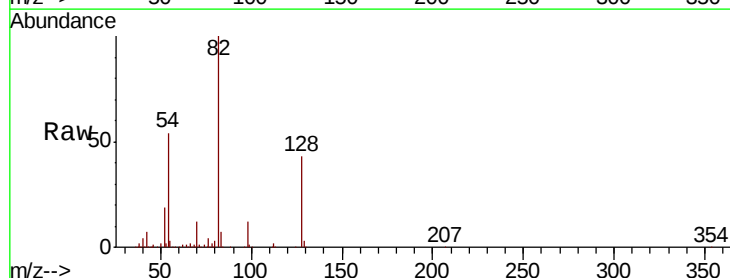
Ion Ratio Lower Upper

70 100

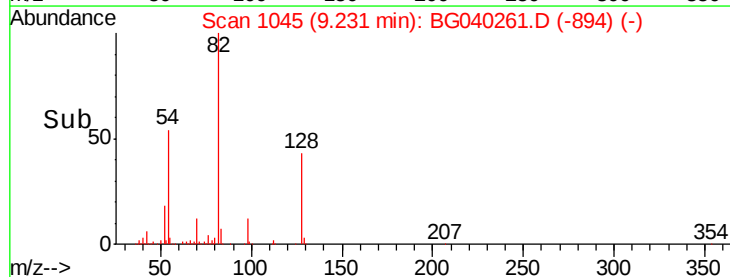
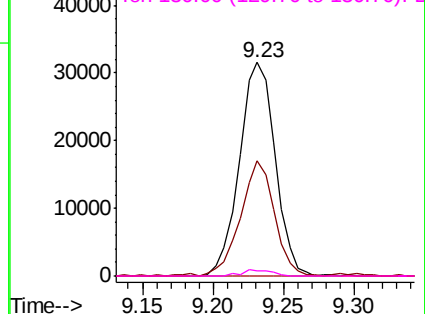
42 53.7 54.0 81.0#

101 0.0 8.6 13.0#

130 2.3 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

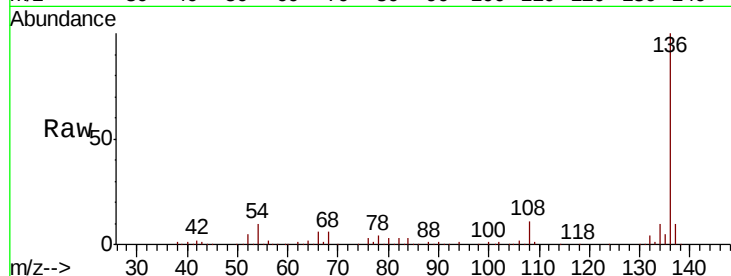




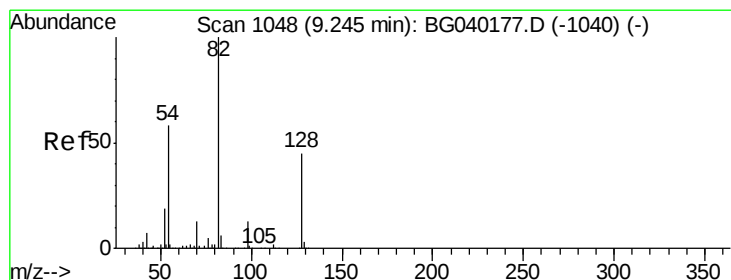
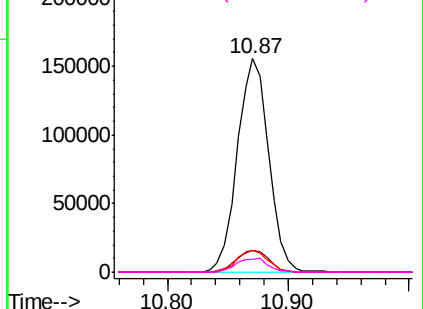
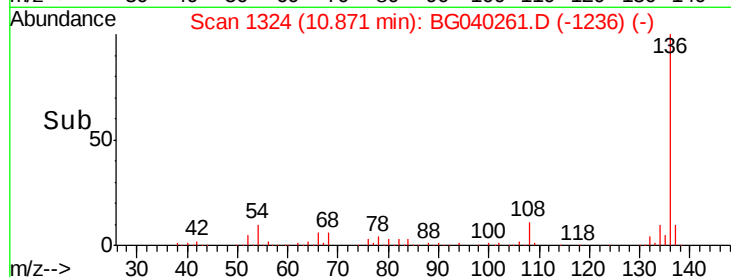
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Instrument :
BNA_G
ClientSampleId :
AU-06-032819-A

Tgt Ion:	136	Resp:	281886
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.4	9.6	14.4
68	6.3	5.1	7.7

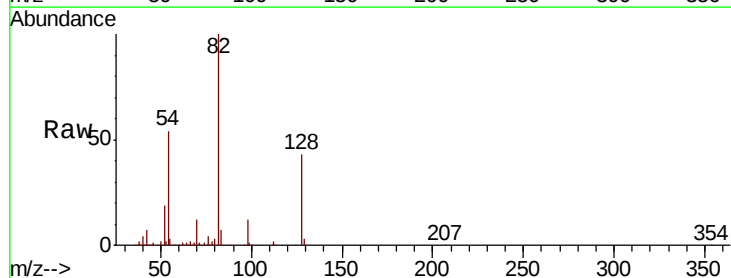


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

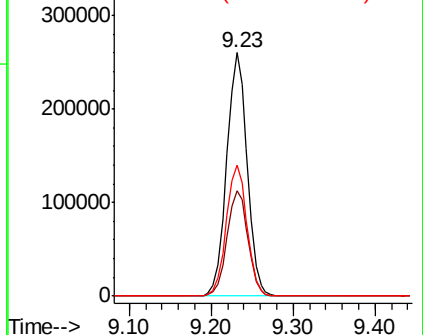
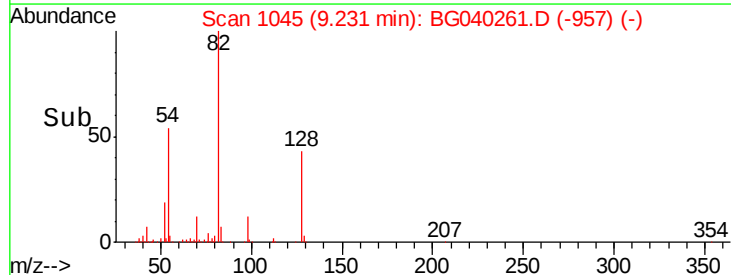


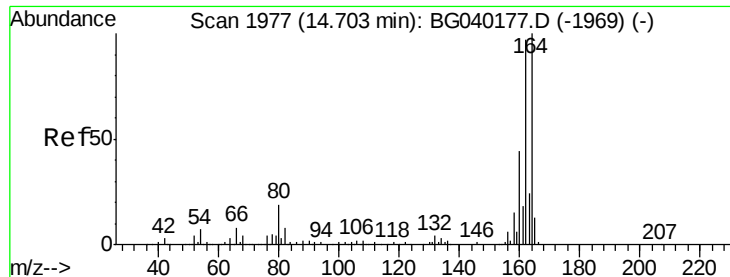
#23
Nitrobenzene-d5
Concen: 85.313 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Tgt Ion:	82	Resp:	452436
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.8	53.8
54	53.6	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG040261.D

Acq: 30 Mar 2019 14:36

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-A

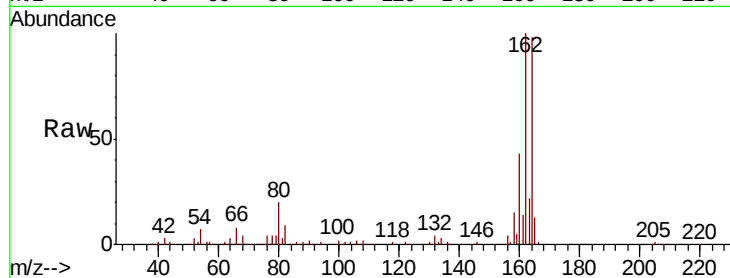
Tgt Ion:164 Resp: 182733

Ion Ratio Lower Upper

164 100

162 102.2 77.4 116.2

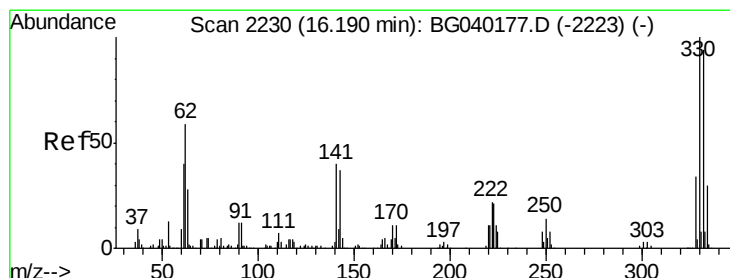
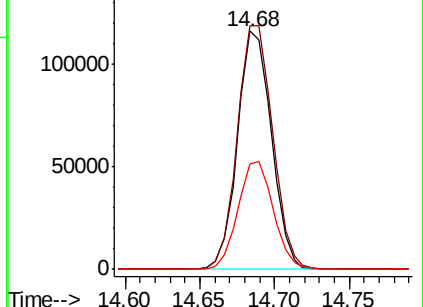
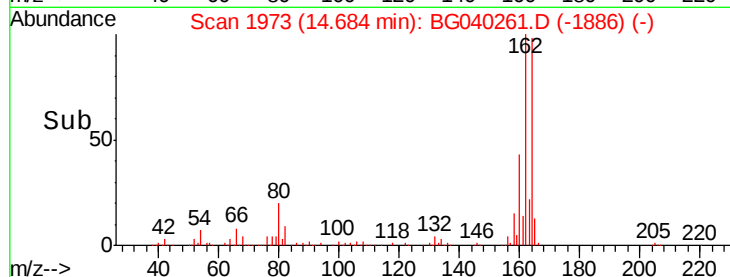
160 44.0 35.3 52.9



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: 145.700 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

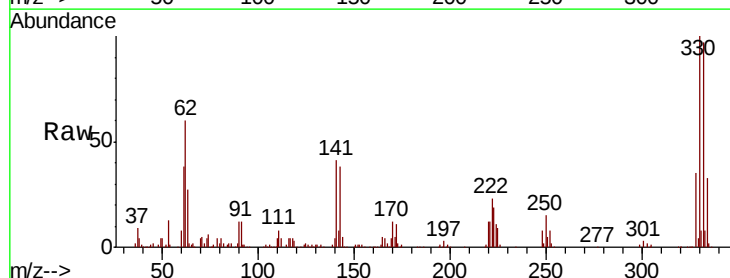
Tgt Ion:330 Resp: 287739

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

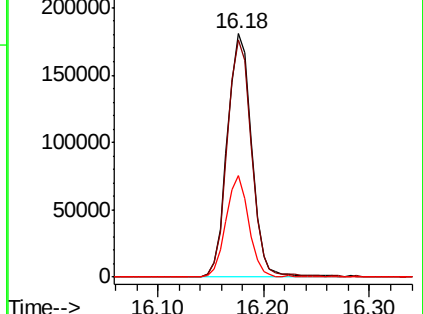
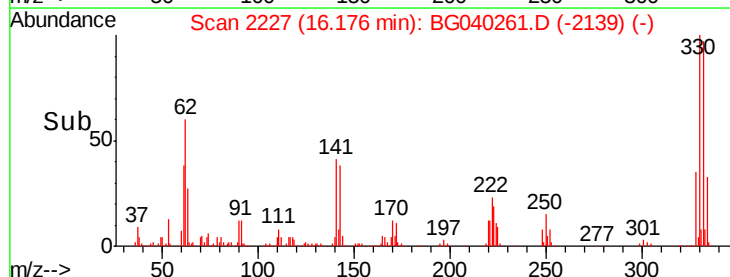
141 38.9 32.6 48.8



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

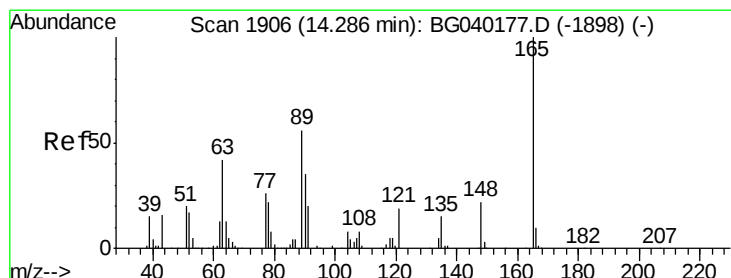
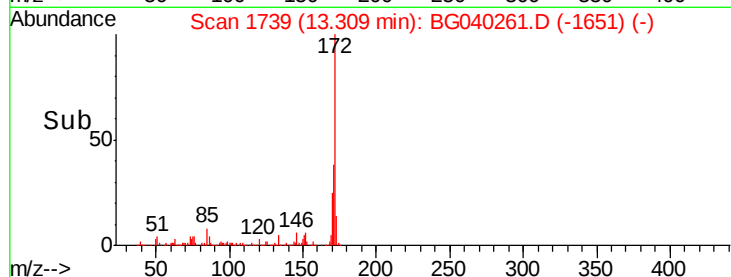
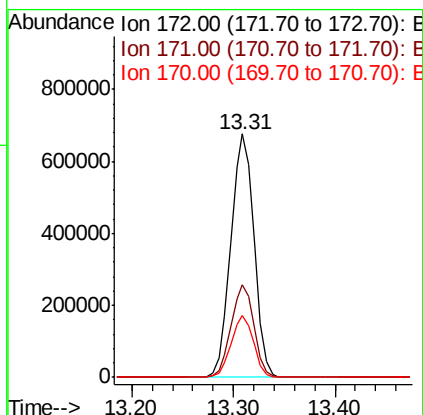
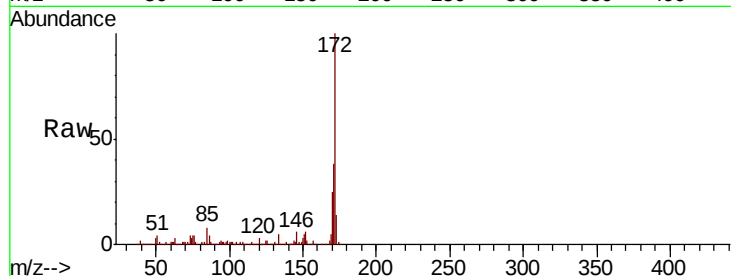




#45
2-Fluorobiphenyl
Concen: 86.461 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

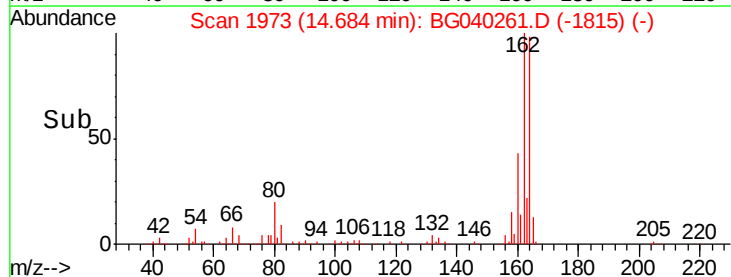
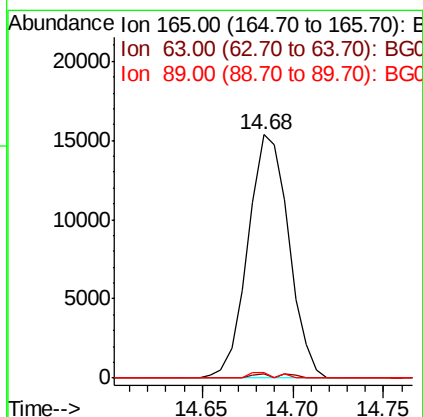
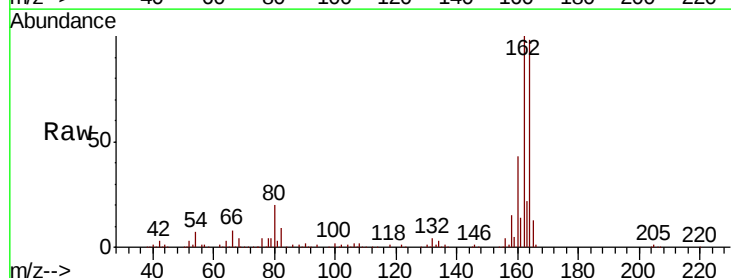
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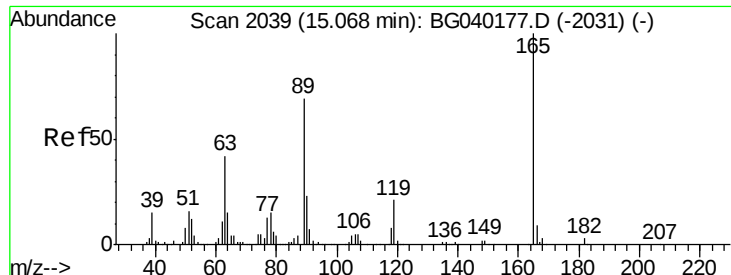
Tgt Ion:172 Resp: 1066247
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 25.5 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Tgt Ion:165 Resp: 24033
Ion Ratio Lower Upper
165 100
63 1.6 44.1 66.1#
89 2.1 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.386 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.38 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-A

Tgt Ion:165 Resp: 24033

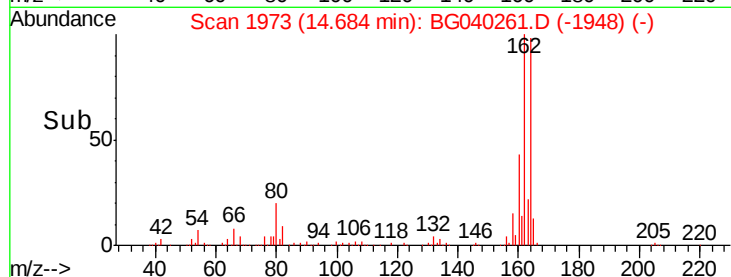
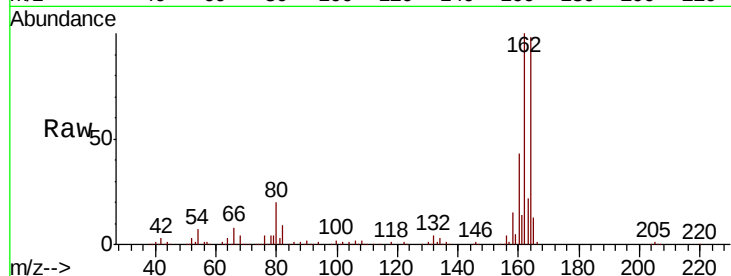
Ion Ratio Lower Upper

165 100

63 1.6 33.8 50.6#

89 2.1 55.4 83.2#

182 0.0 2.2 3.4#

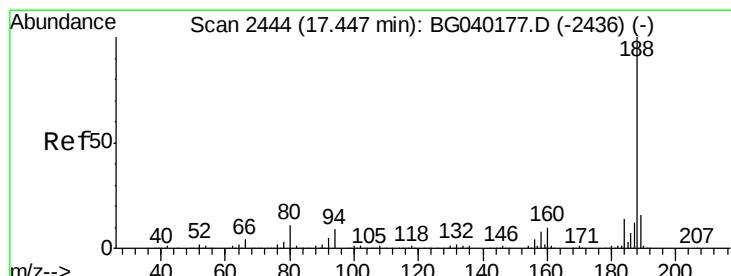
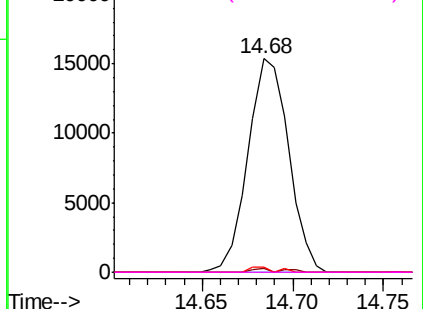


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

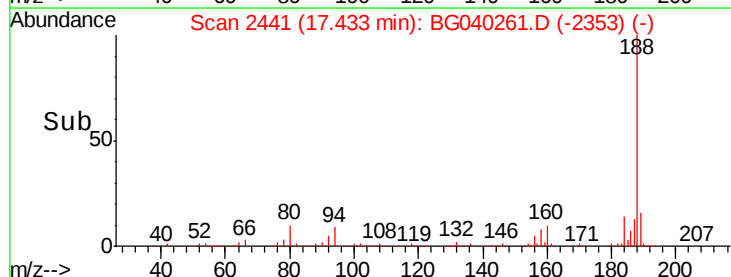
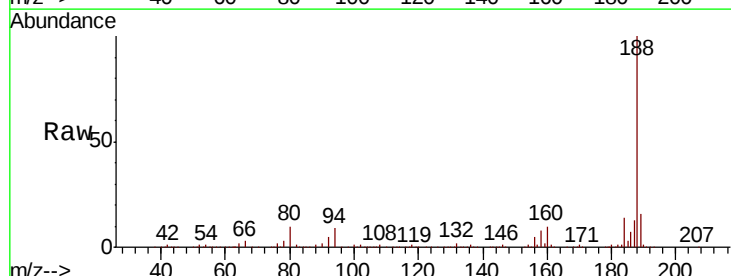
Tgt Ion:188 Resp: 480945

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

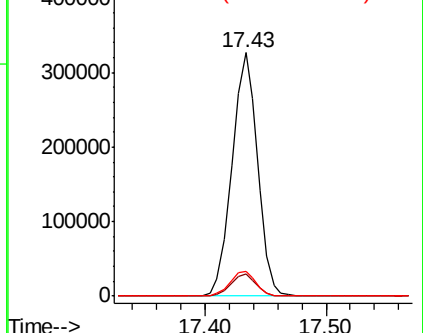
80 10.1 8.6 13.0



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

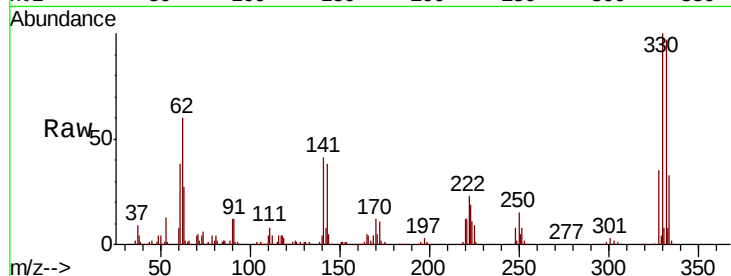




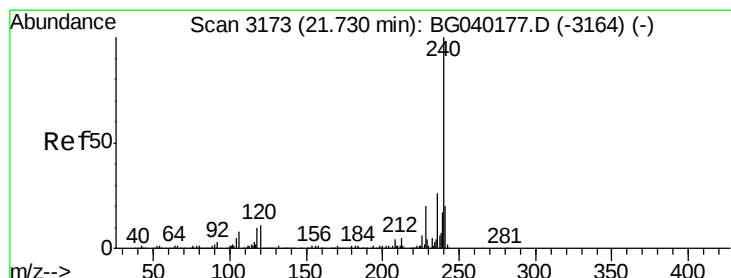
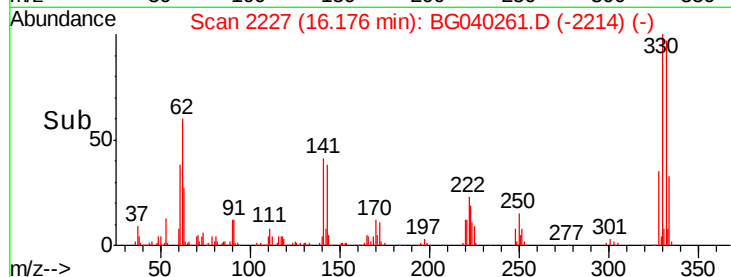
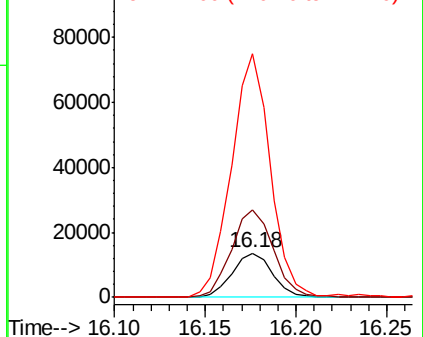
#67
4-Bromophenyl-phenylether
Concen: 3.915 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Instrument :
BNA_G
ClientSampleId :
AU-06-032819-A

Tgt Ion:248 Resp: 21189
Ion Ratio Lower Upper
248 100
250 198.7 76.4 114.6#
141 549.4 53.8 80.8#

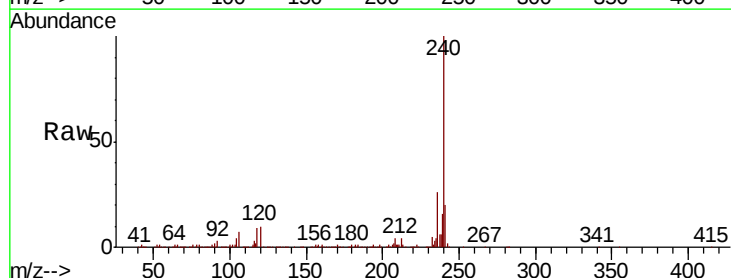


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

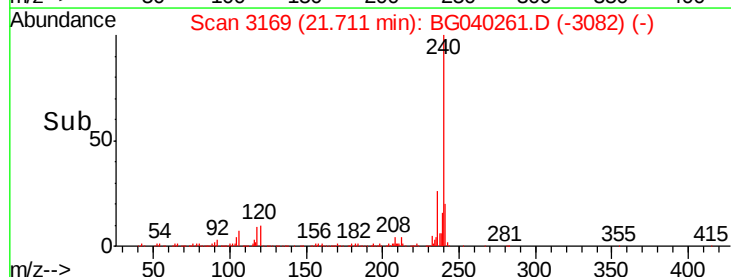
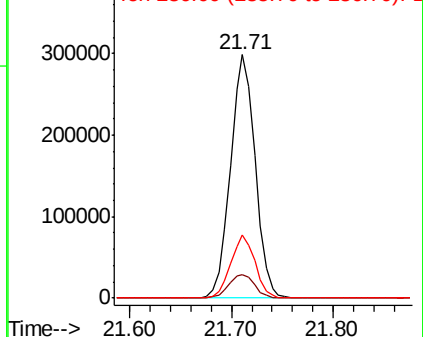


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040261.D
Acq: 30 Mar 2019 14:36

Tgt Ion:240 Resp: 503889
Ion Ratio Lower Upper
240 100
120 9.8 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: 79.840 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

Instrument :

BNA_G

ClientSampleId :

AU-06-032819-A

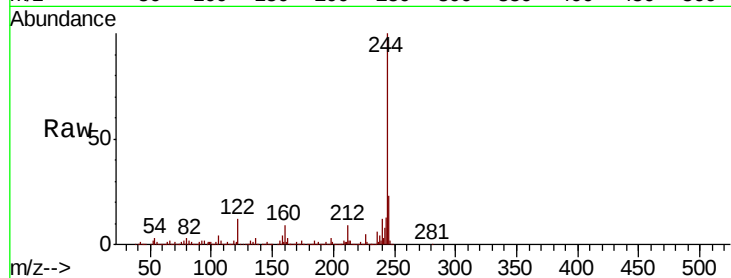
Tgt Ion:244 Resp: 1788300

Ion Ratio Lower Upper

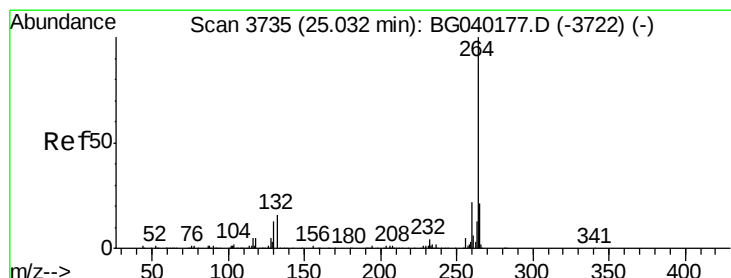
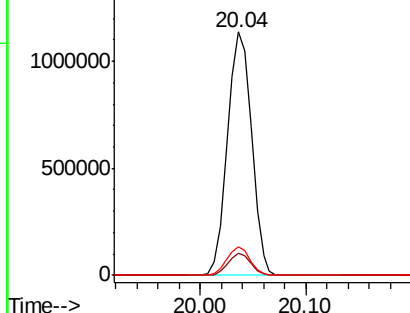
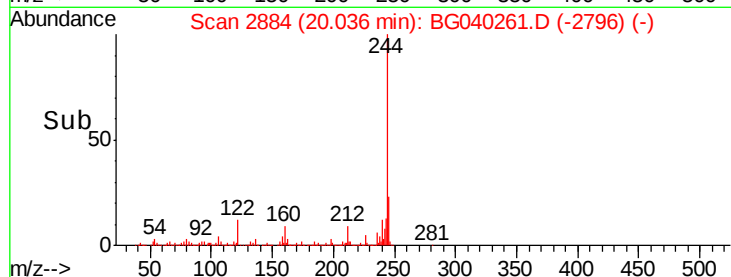
244 100

212 9.1 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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG040261.D

Acq: 30 Mar 2019 14:36

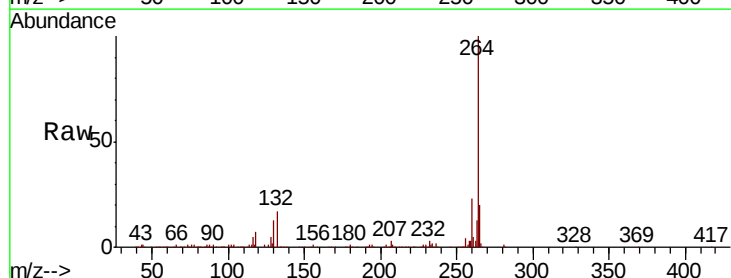
Tgt Ion:264 Resp: 499952

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

265 20.4 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

