

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040386.D
 Acq On : 5 Apr 2019 21:05
 Operator : JU/SJ
 Sample : PB118634TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118634TB

Quant Time: Apr 05 23:38:31 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

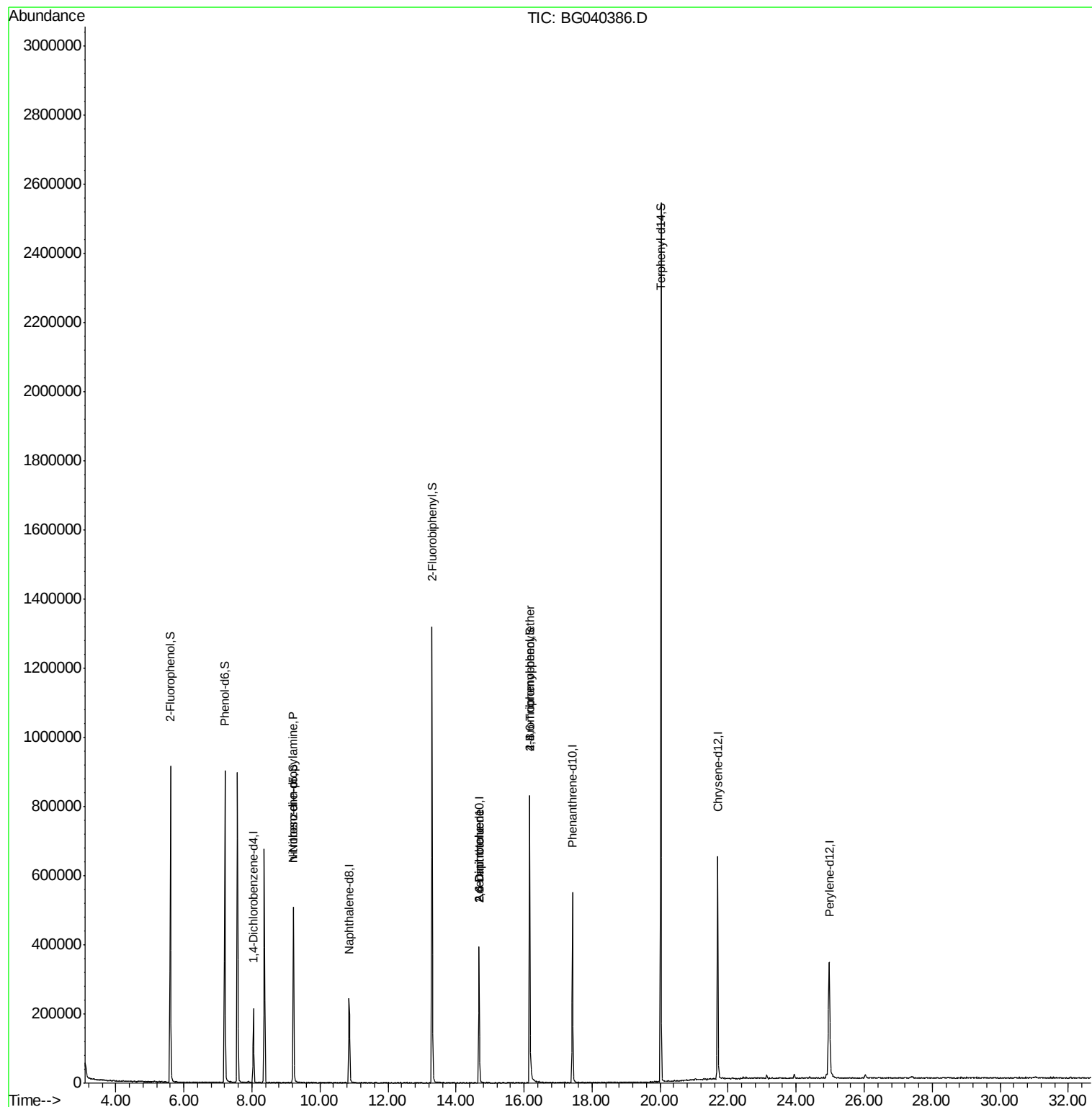
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63015	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	238599	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	142713	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	356728	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	403540	20.00	ng	-0.04
87) Perylene-d12	24.96	264	409080	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415695	109.67	ng	-0.01
7) Phenol-d6	7.20	99	560232	106.94	ng	-0.02
23) Nitrobenzene-d5	9.22	82	331851	73.93	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	169107	109.64	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	746424	77.50	ng	-0.03
79) Terphenyl-d14	20.02	244	1211696	67.55	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	40918	10.894	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	18556	7.399	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	18556	5.325	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	11777	2.934	ng	# 1

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

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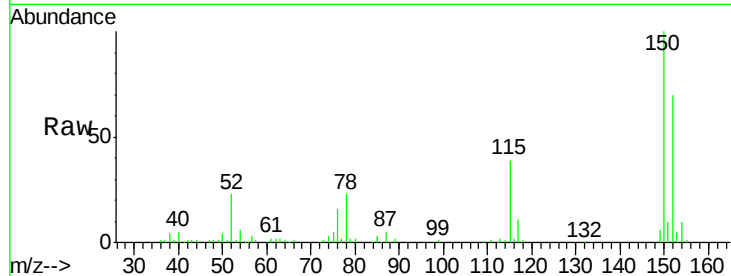


#1

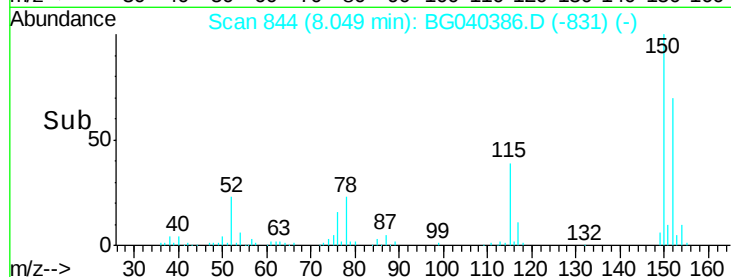
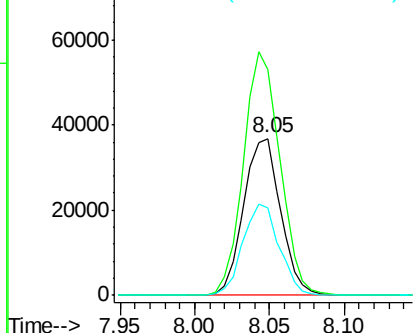
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	123.7	185.5
115	55.9	46.9	70.3



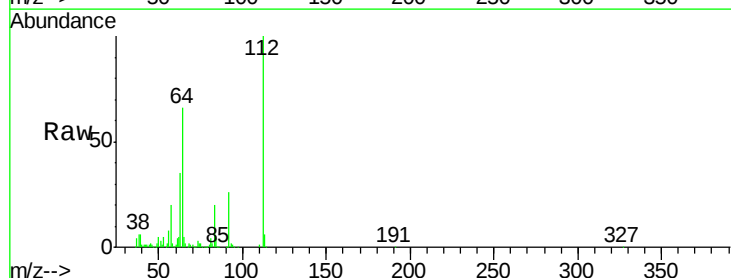
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



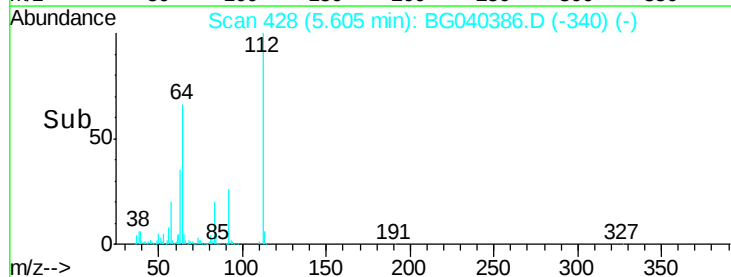
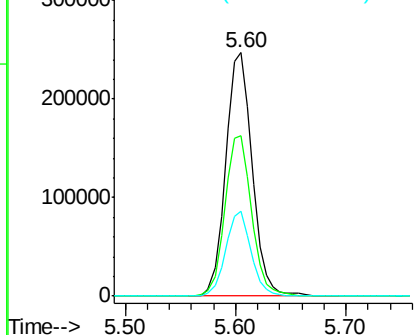
#5

2-Fluorophenol
Concen: 109.665 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.2	81.2
63	34.8	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: 106.942 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampleId :

PB118634TB

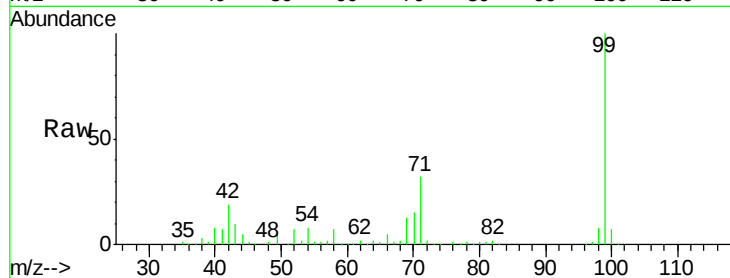
Tot Ion: 99 Resp: 560232

Ion Ratio Lower Upper

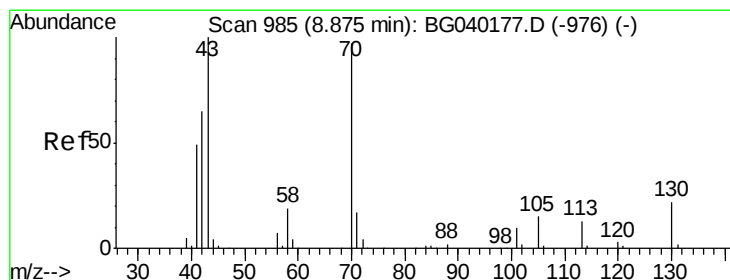
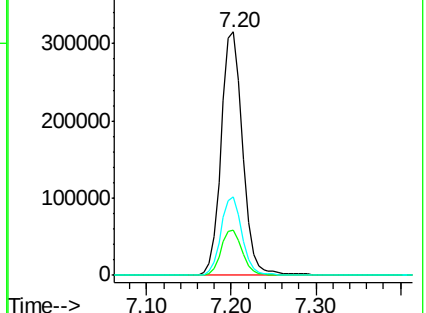
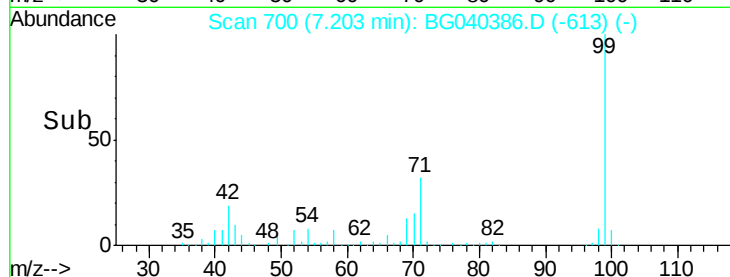
99 100

42 18.6 16.2 24.2

71 32.4 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: 10.894 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Tgt Ion: 70 Resp: 40918

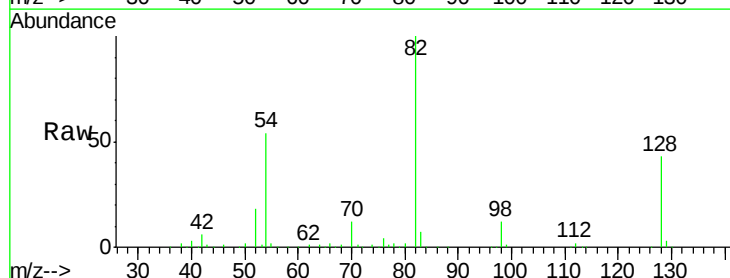
Ion Ratio Lower Upper

70 100

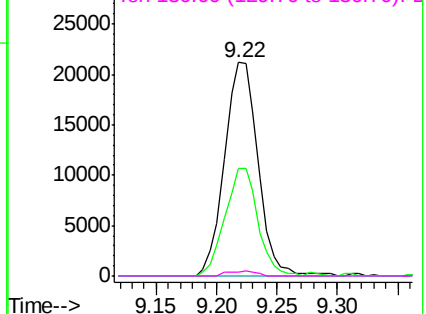
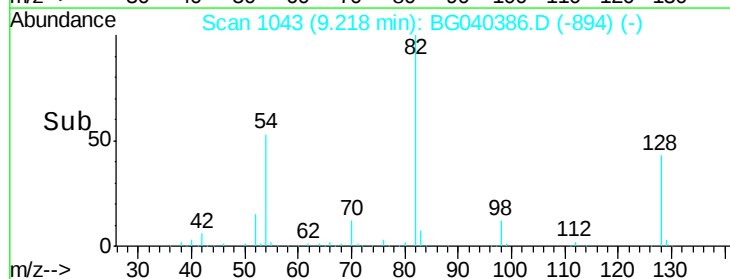
42 50.5 54.0 81.0#

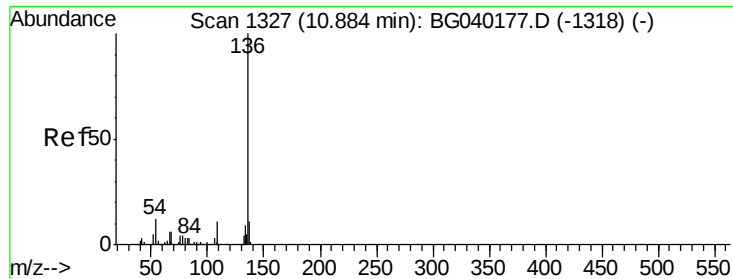
101 0.0 8.6 13.0#

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

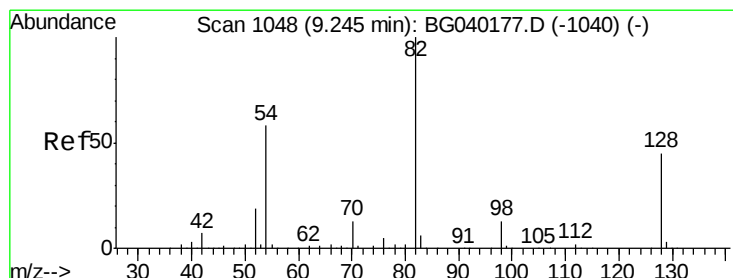
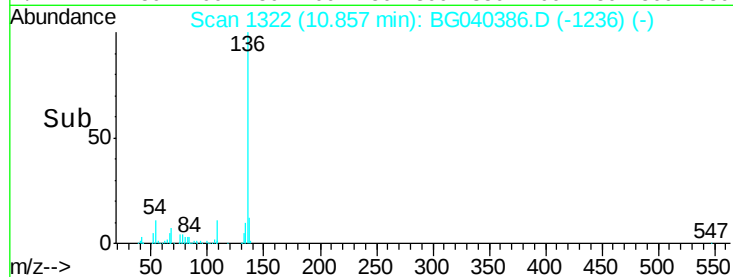
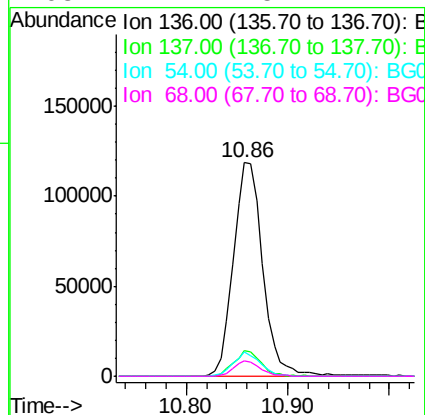
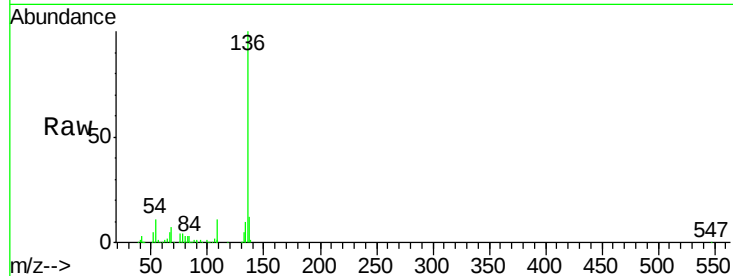




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

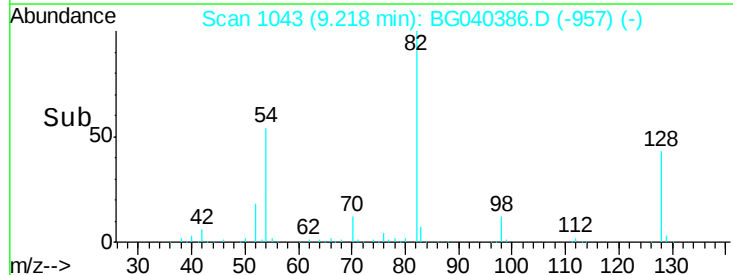
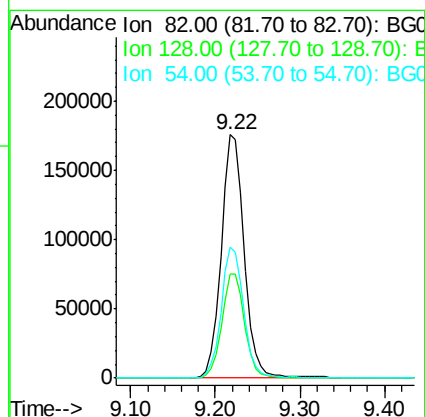
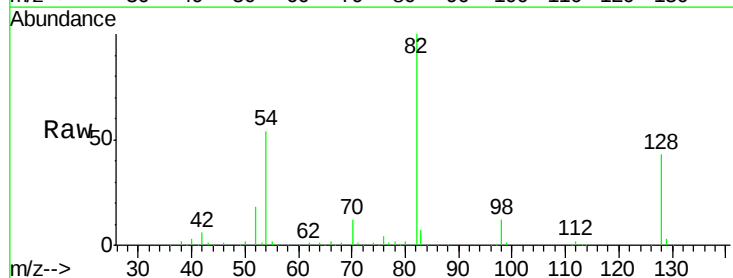
Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tot Ion:136	Resp:	238599	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	8.9	13.3	
54 11.1	9.6	14.4	
68 7.2	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 73.927 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt	Ion: 82	Resp:	331851
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.8
54	53.6	46.2	69.2

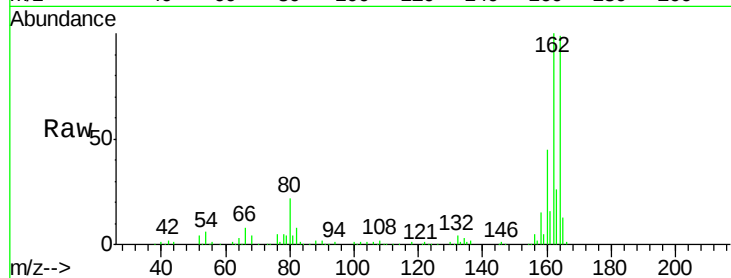




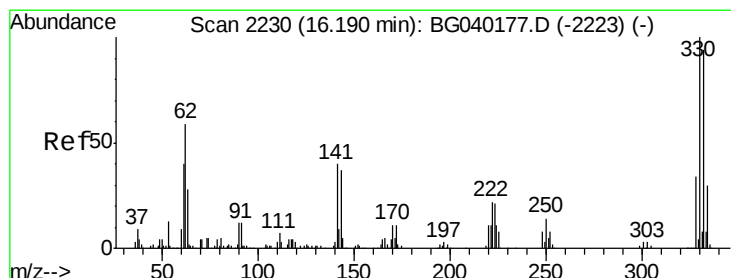
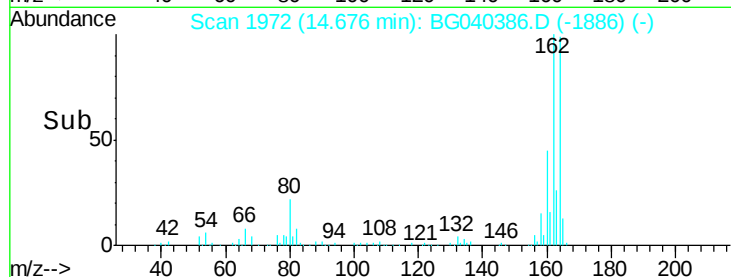
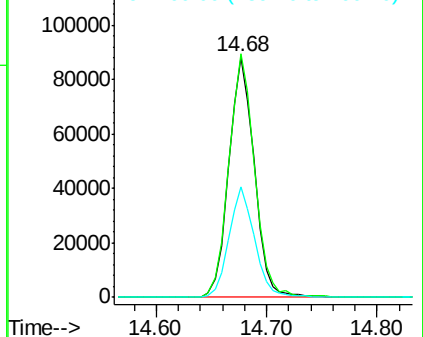
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tot Ion:164 Resp: 142713
Ion Ratio Lower Upper
164 100
162 101.3 77.4 116.2
160 45.8 35.3 52.9

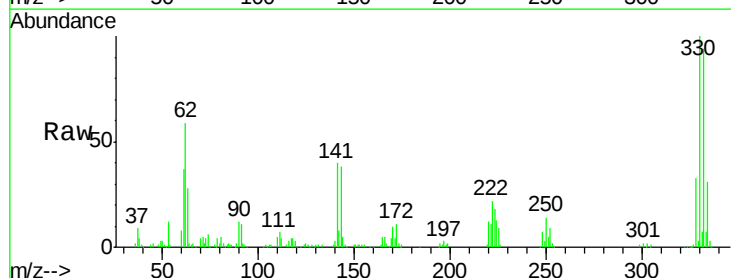


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

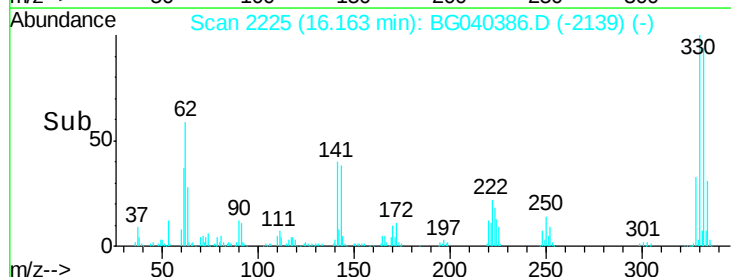
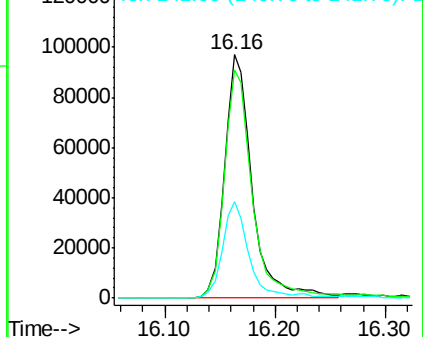


#42
2,4,6-Tribromophenol
Concen: 109.642 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:330 Resp: 169107
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 37.9 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

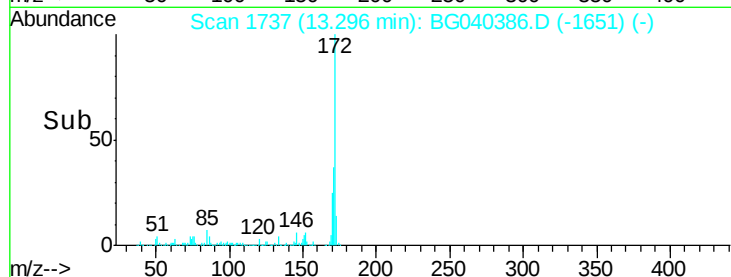
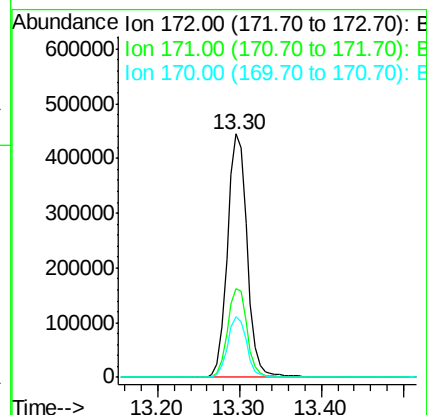
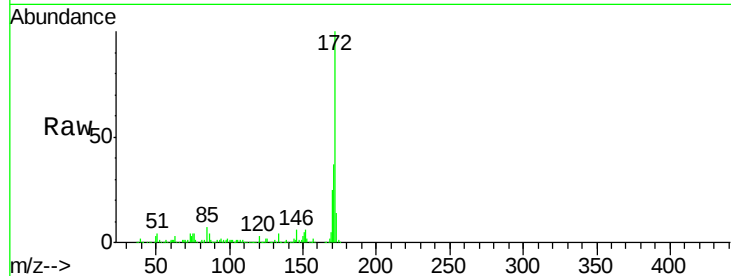




#45
2-Fluorobiphenyl
Concen: 77.500 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

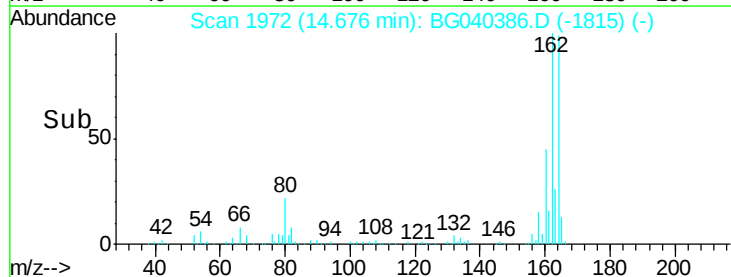
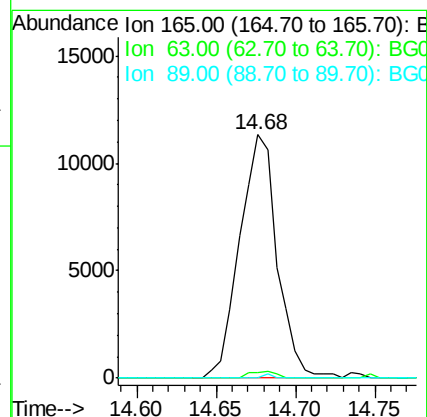
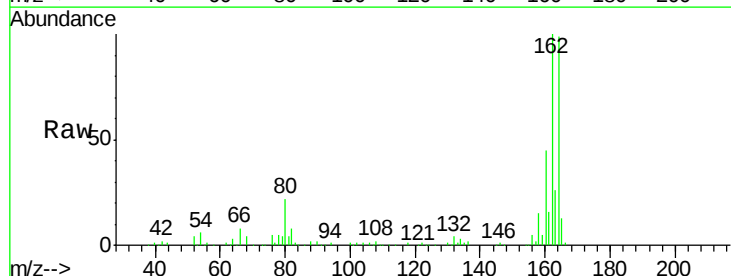
Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tot Ion:172 Resp: 746424
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.7 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.399 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:165 Resp: 18556
Ion Ratio Lower Upper
165 100
63 2.1 44.1 66.1#
89 0.0 44.9 67.3#

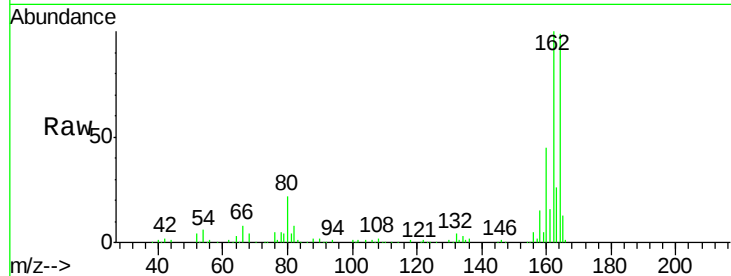




#57
 2,4-Dinitrotoluene
 Concen: 5.325 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040386.D
 Acq: 5 Apr 2019 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118634TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

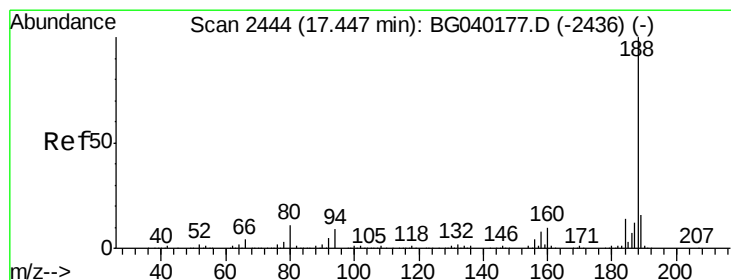
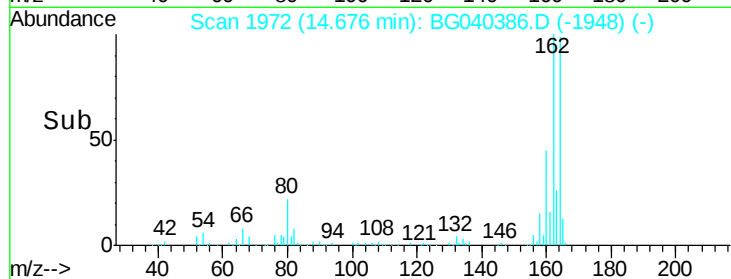
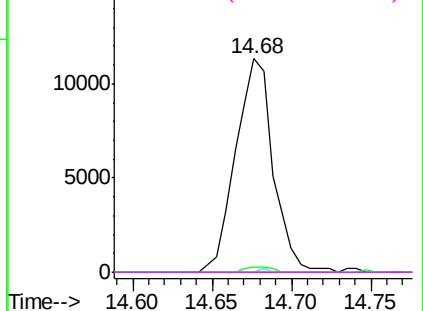


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

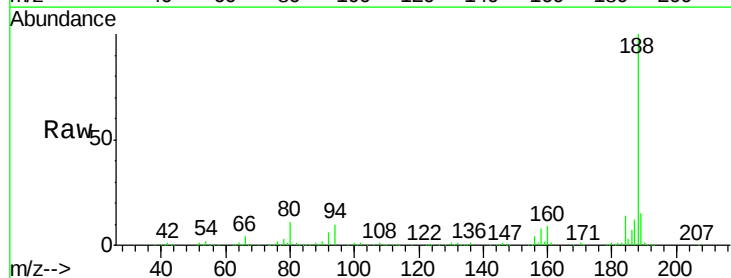
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040386.D
 Acq: 5 Apr 2019 21:05

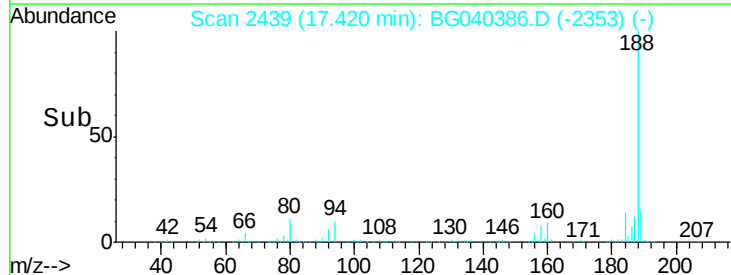
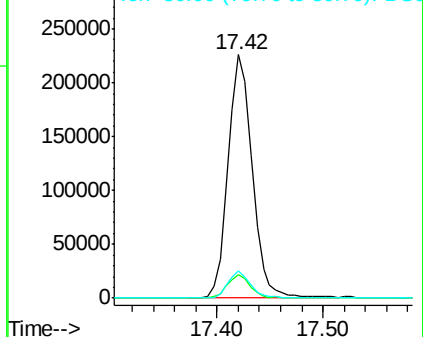
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	11.0	8.6	13.0



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

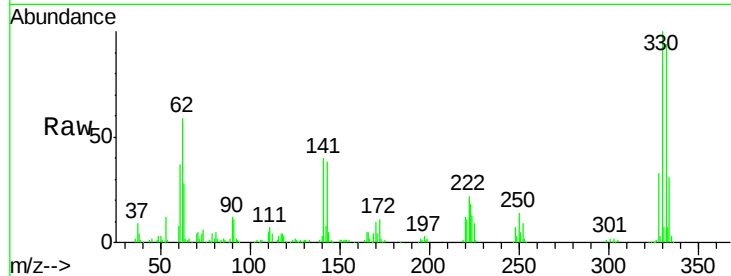




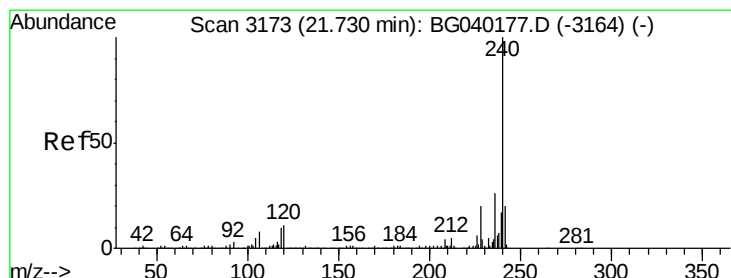
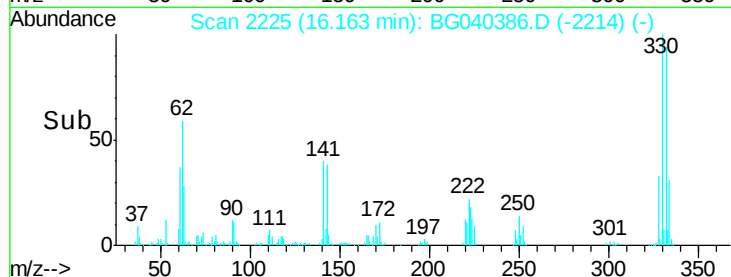
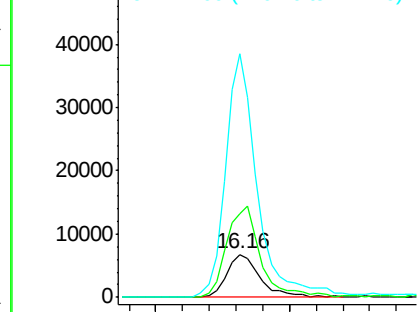
#67
 4-Bromophenyl-phenylether
 Concen: 2.934 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040386.D
 Acq: 5 Apr 2019 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PB118634TB

Tot Ion:248 Resp: 11777
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.4 114.6#
 141 566.0 53.8 80.8#

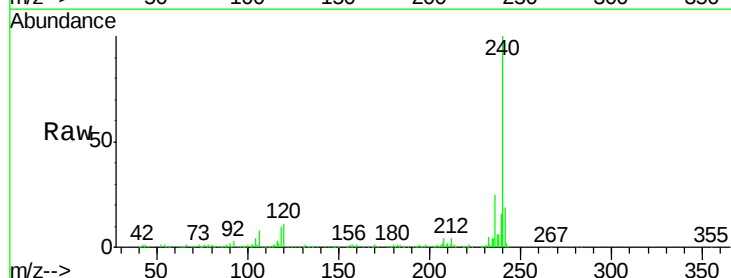


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

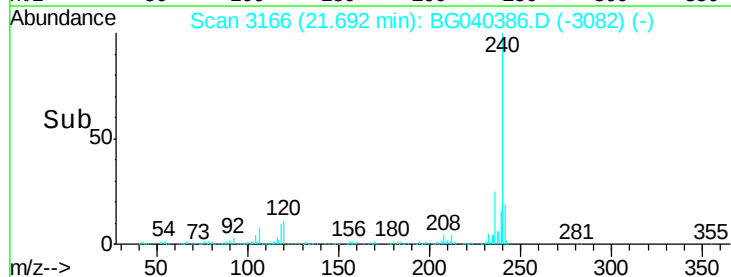
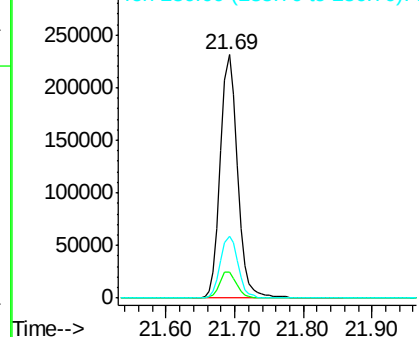


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040386.D
 Acq: 5 Apr 2019 21:05

Tgt Ion:240 Resp: 403540
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 25.5 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: 67.550 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

Instrument :

BNA_G

ClientSampleId :

PB118634TB

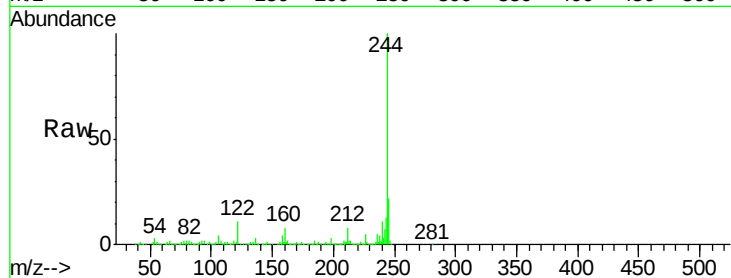
Tot Ion:244 Resp: 1211696

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	11.0	8.5	12.7

244 100

212 7.9 7.0 10.6

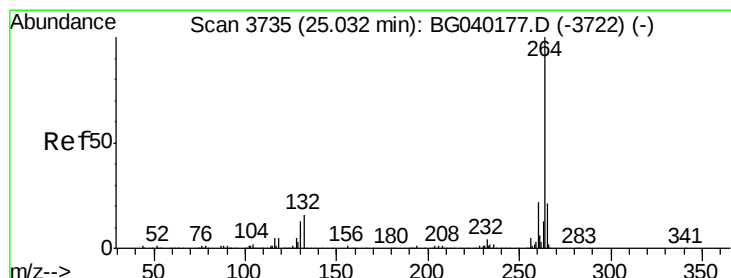
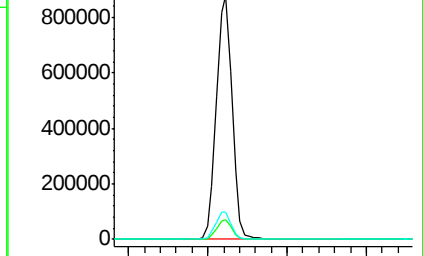
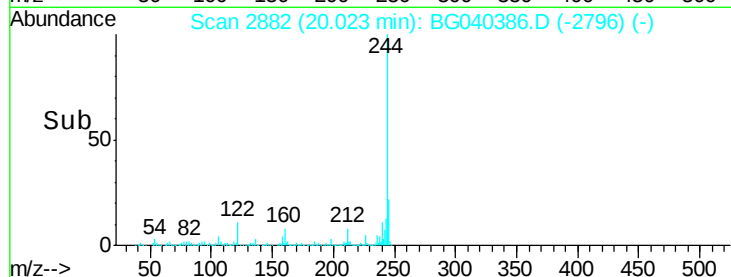
122 11.0 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040386.D

Acq: 5 Apr 2019 21:05

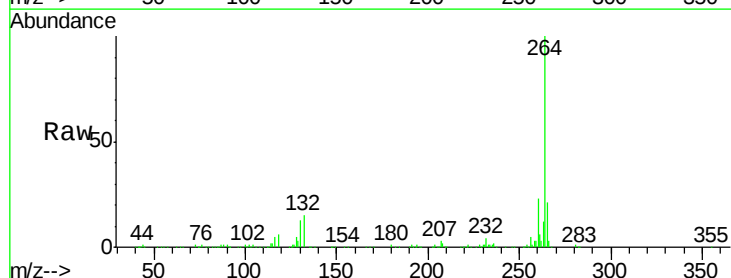
Tgt Ion:264 Resp: 409080

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.0	16.8	25.2

264 100

260 23.2 17.9 26.9

265 21.0 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

