

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040157.D
 Acq On : 26 Mar 2019 21:38
 Operator : JU/SJ
 Sample : PB118294BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BL

Quant Time: Mar 27 01:26:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

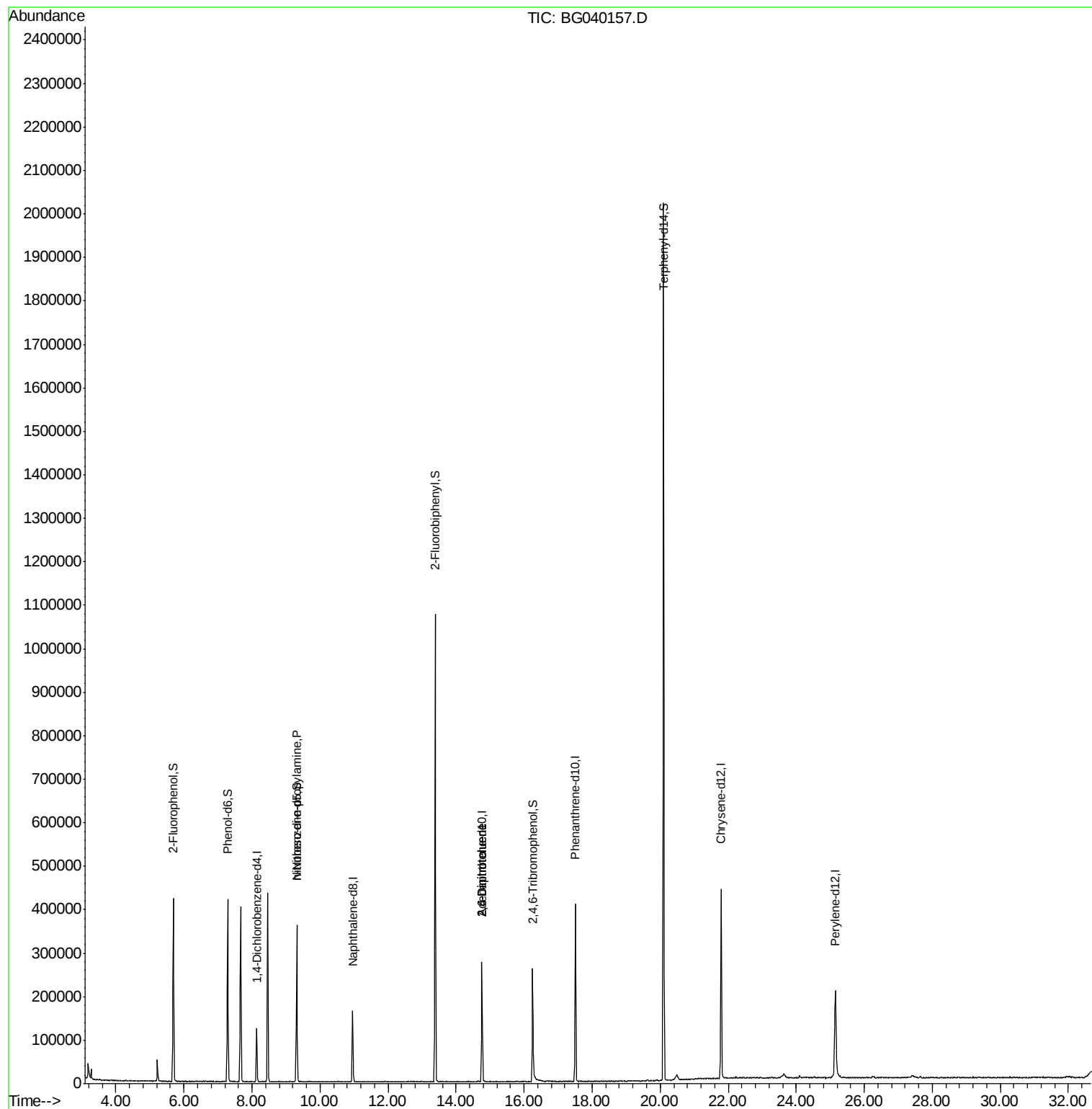
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35596	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	142874	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	100945	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	262594	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	270075	20.00	ng	-0.04
87) Perylene-d12	25.15	264	261021	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	177782	85.21	ng	-0.02
7) Phenol-d6	7.28	99	248094	79.74	ng	-0.03
23) Nitrobenzene-d5	9.31	82	218706	82.79	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	56687	48.18	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	576548	81.32	ng	-0.03
79) Terphenyl-d14	20.10	244	934302	76.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.31	70	27335	12.207	ng	# 71
51) 2,6-Dinitrotoluene	14.76	165	12802	7.154	ng	# 22
57) 2,4-Dinitrotoluene	14.76	165	12802	5.092	ng	# 17

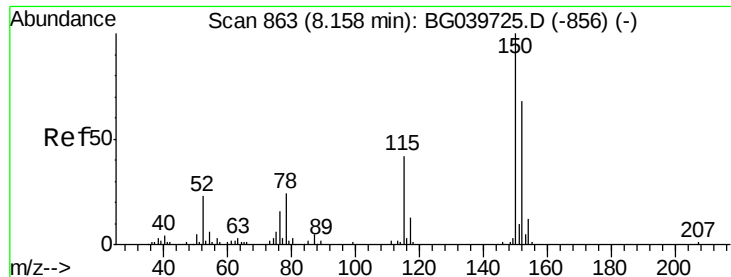
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

BNA_G

ClientSampleId :

PB118294BL

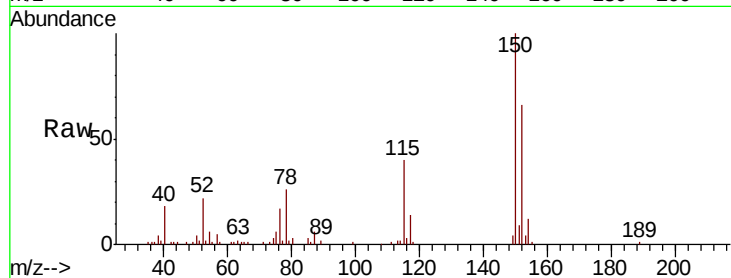
Tgt Ion:152 Resp: 35596

Ion Ratio Lower Upper

152 100

150 151.1 123.7 185.5

115 60.7 45.9 68.9

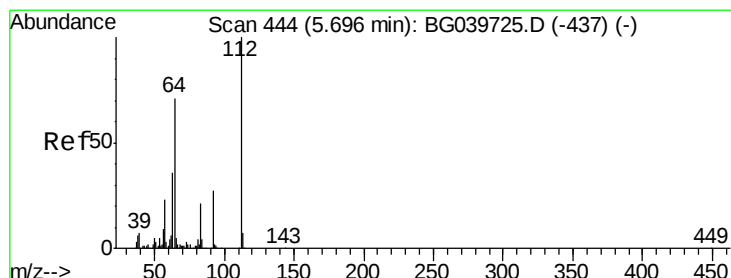
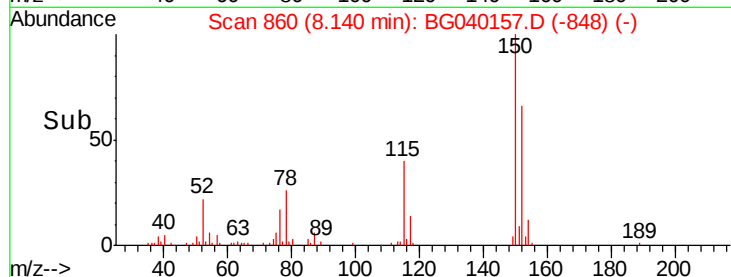
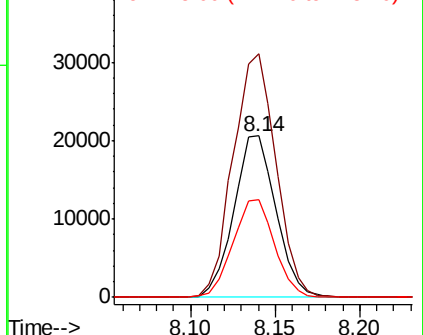


Abundance

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: 85.206 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

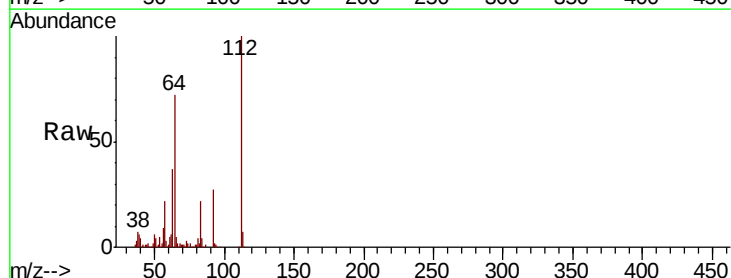
Tgt Ion:112 Resp: 177782

Ion Ratio Lower Upper

112 100

64 71.7 57.8 86.8

63 36.9 29.8 44.6

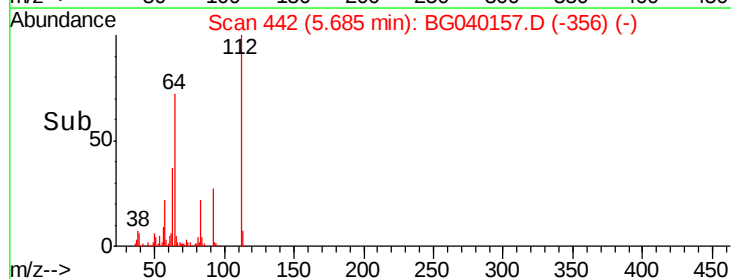
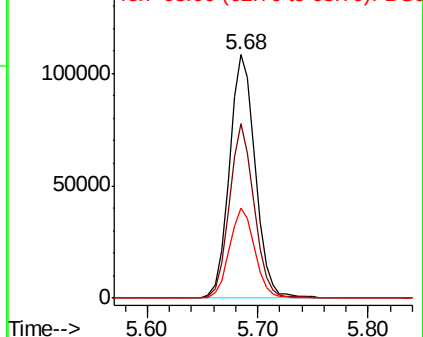


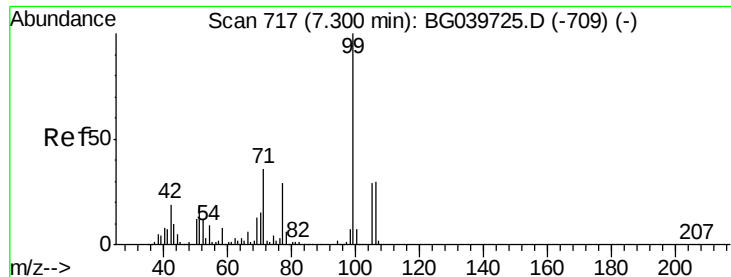
Abundance

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: 79.745 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

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PB118294BL

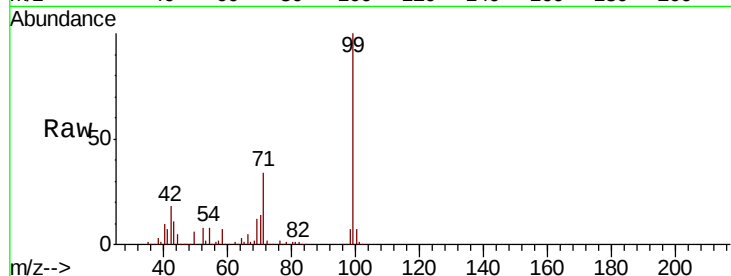
Tgt Ion: 99 Resp: 248094

Ion Ratio Lower Upper

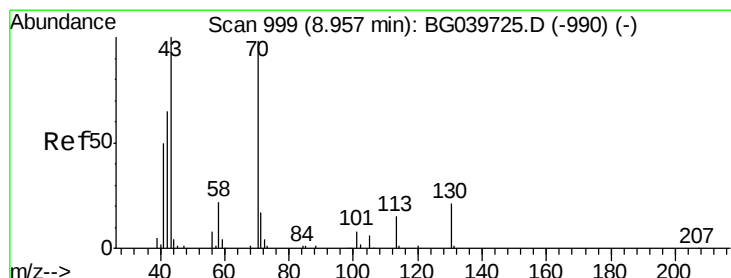
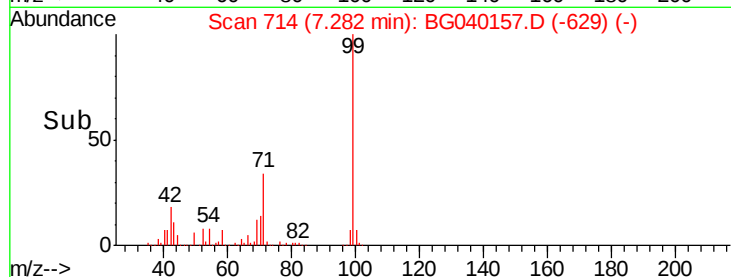
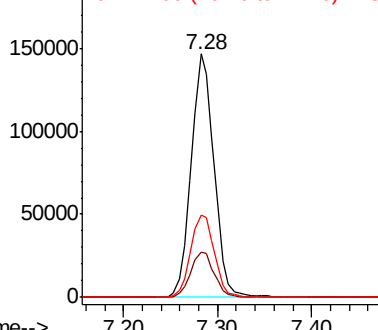
99 100

42 18.3 18.2 27.2

71 33.9 28.0 42.0



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: 12.207 ng

RT: 9.31 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Tgt Ion: 70 Resp: 27335

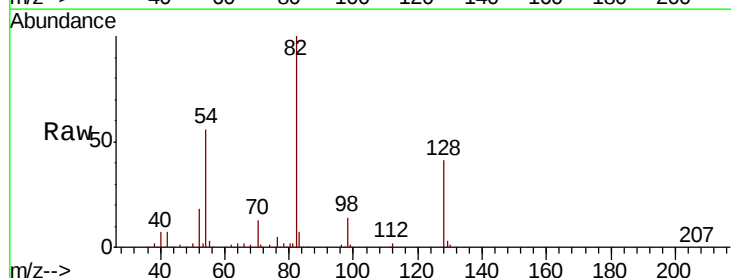
Ion Ratio Lower Upper

70 100

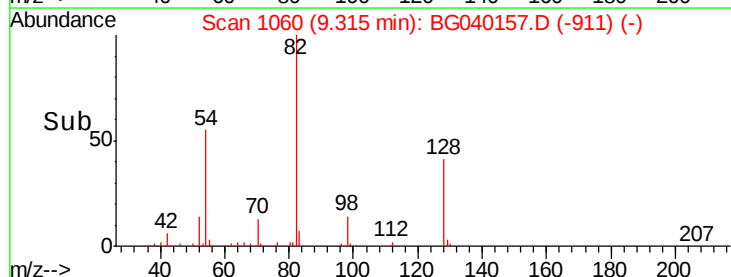
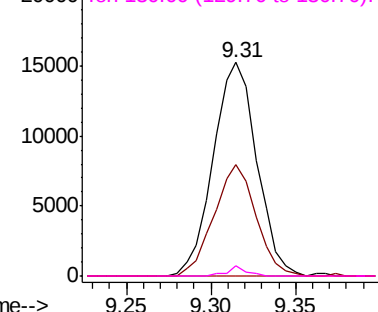
42 52.2 60.4 90.6#

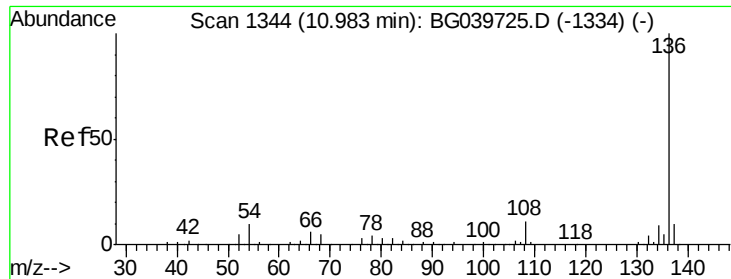
101 0.0 7.5 11.3#

130 5.0 16.9 25.3#



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

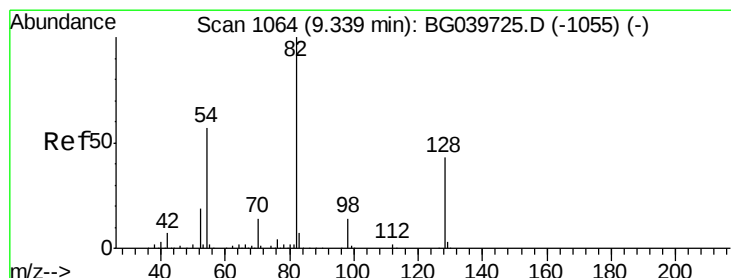
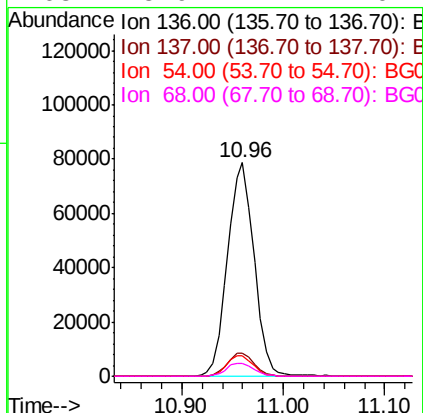
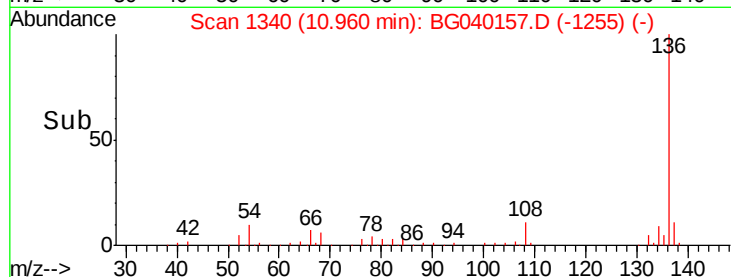
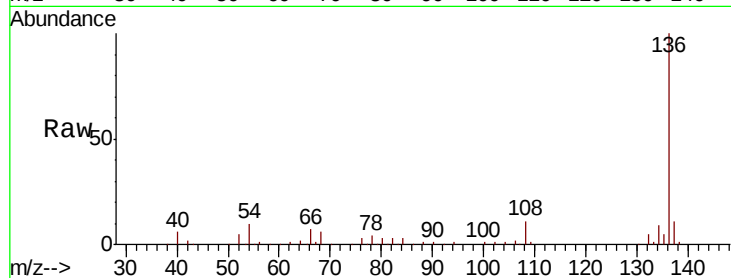




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

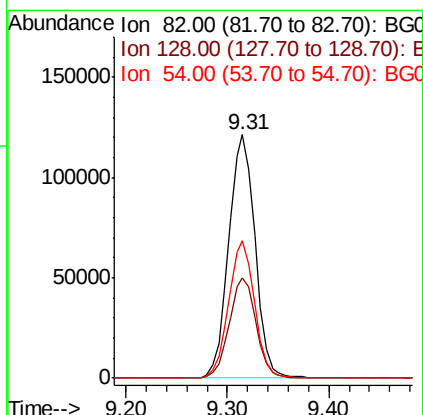
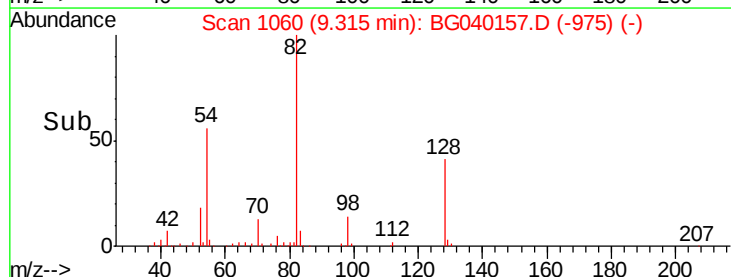
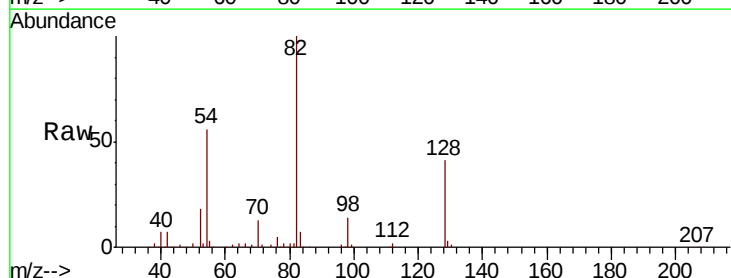
Instrument :
BNA_G
ClientSampleId :
PB118294BL

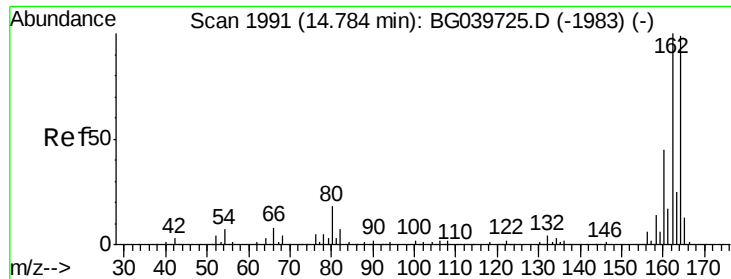
Tgt Ion:	136	Resp:	142874
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.5	9.4	14.2
68	5.9	4.2	6.4



#23
Nitrobenzene-d5
Concen: 82.790 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

Tgt Ion:	82	Resp:	218706
Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.3	46.9
54	56.4	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

BNA_G

ClientSampleId :

PB118294BL

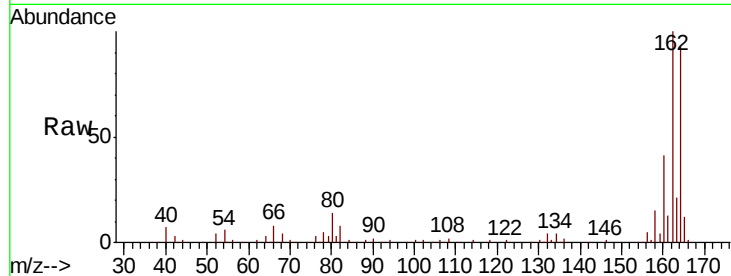
Tgt Ion:164 Resp: 100945

Ion Ratio Lower Upper

164 100

162 107.1 81.6 122.4

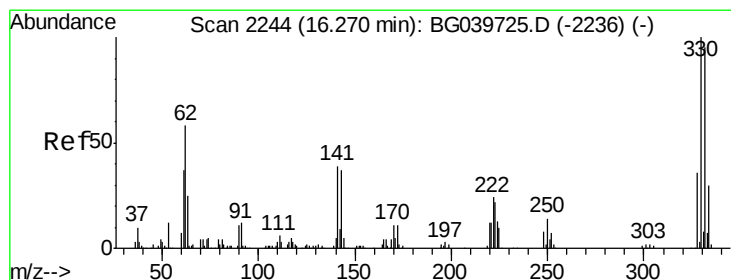
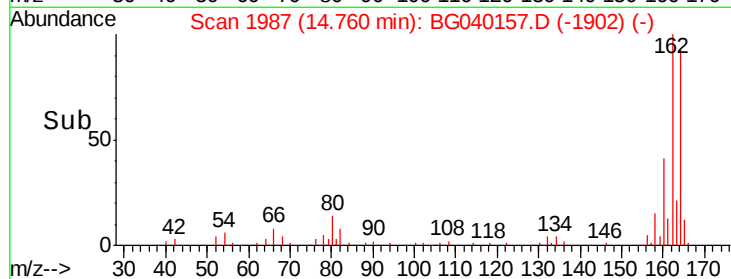
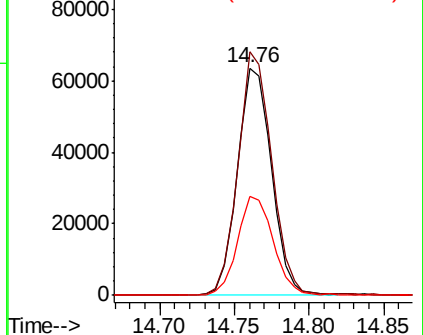
160 43.6 34.2 51.2



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: 48.179 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

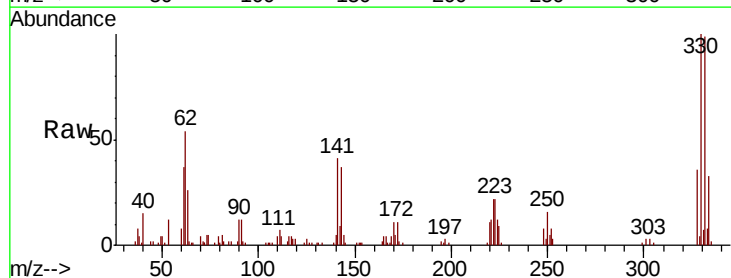
Tgt Ion:330 Resp: 56687

Ion Ratio Lower Upper

330 100

332 100.1 75.7 113.5

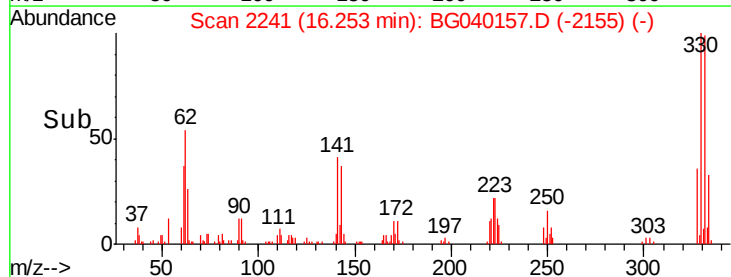
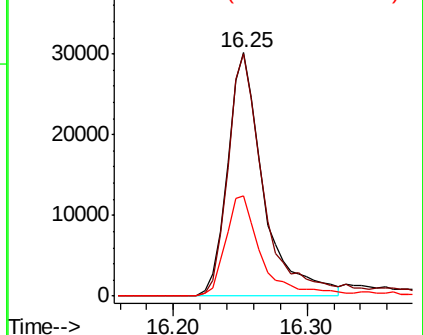
141 41.0 35.6 53.4

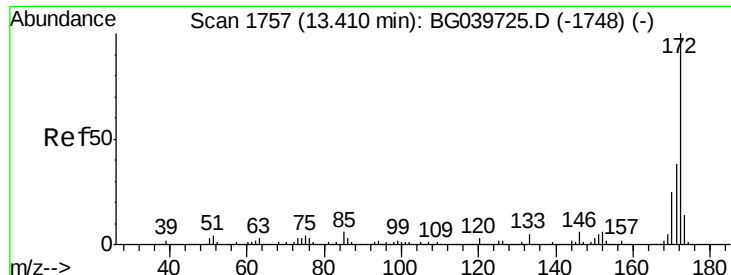


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

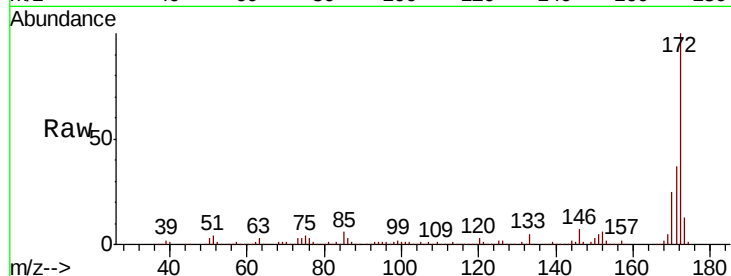




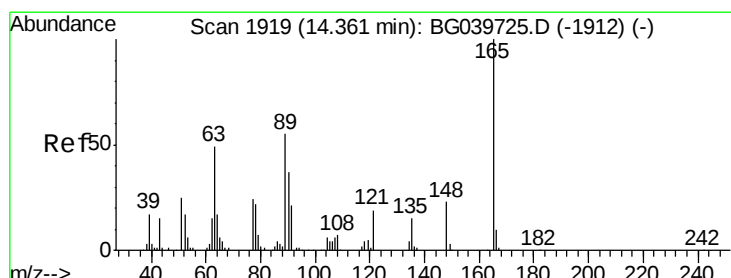
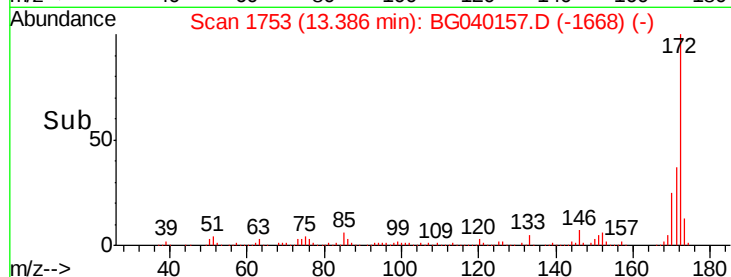
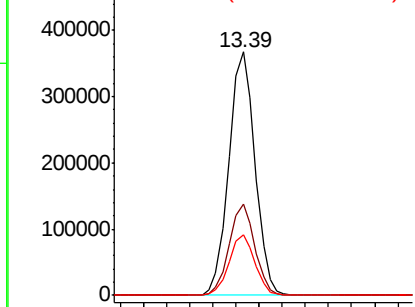
#45
 2-Fluorobiphenyl
 Concen: 81.322 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040157.D
 Acq: 26 Mar 2019 21:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BL

Tgt Ion:172 Resp: 576548
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.8 20.2 30.4

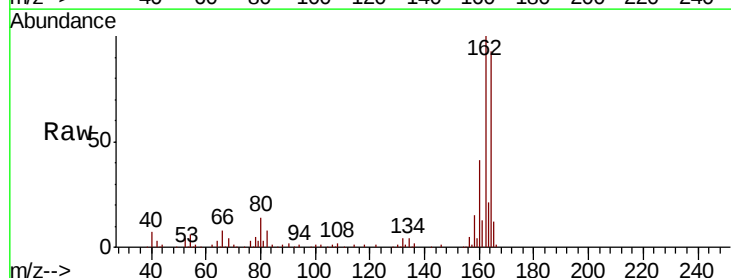


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

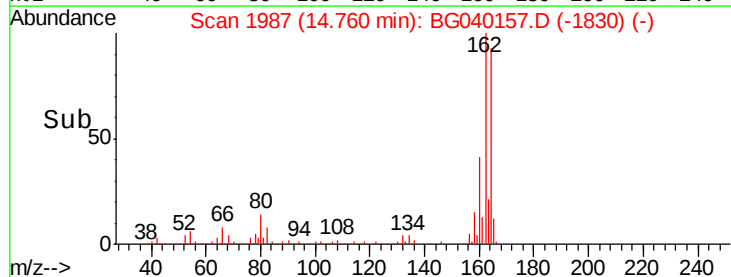
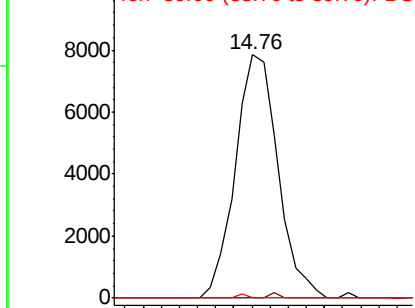


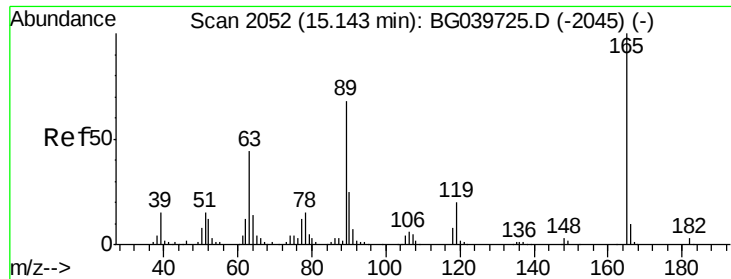
#51
 2,6-Dinitrotoluene
 Concen: 7.154 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.39 min
 Lab File: BG040157.D
 Acq: 26 Mar 2019 21:38

Tgt Ion:165 Resp: 12802
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#



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

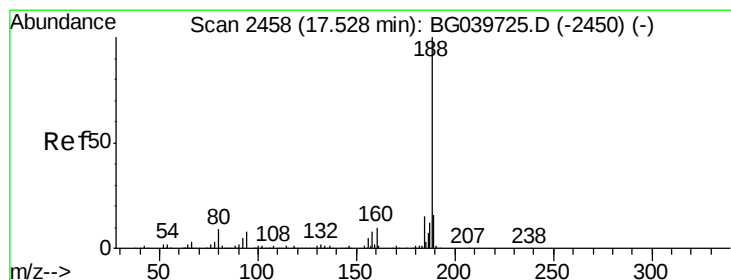
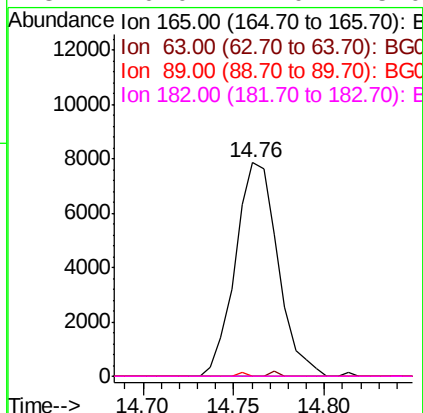
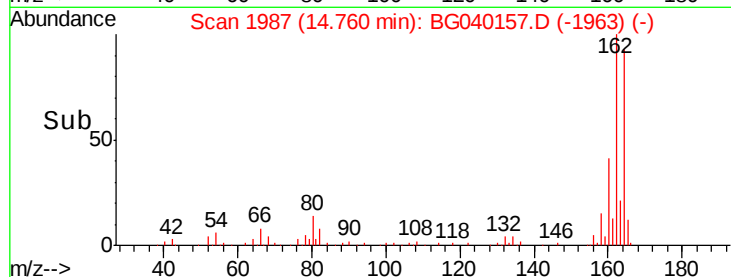
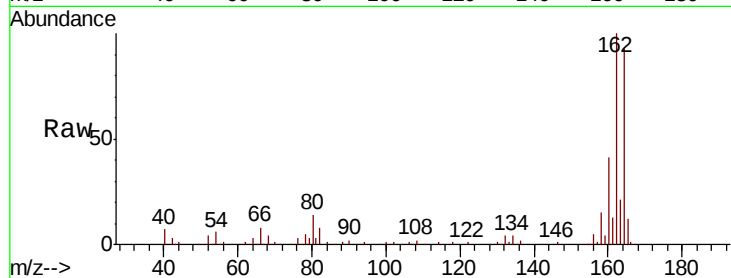




#57
2,4-Dinitrotoluene
Concen: 5.092 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

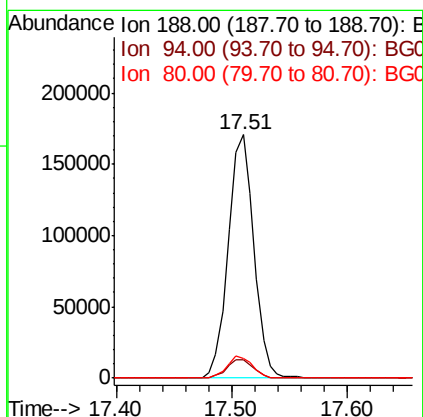
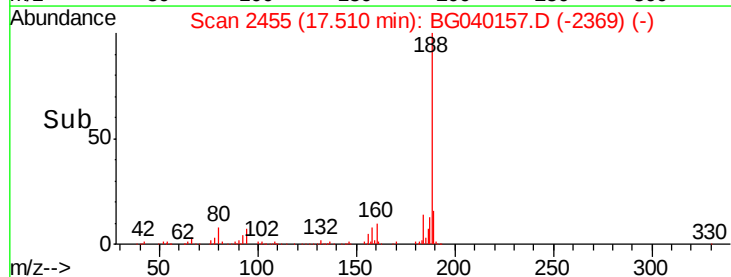
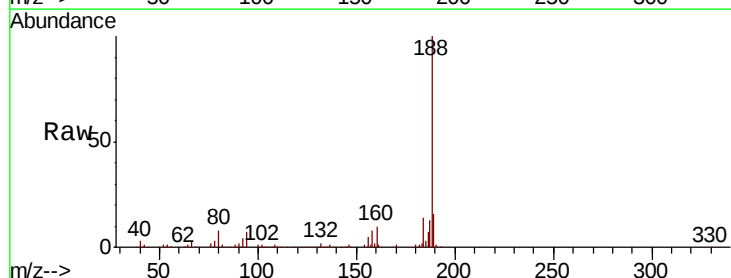
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PB118294BL

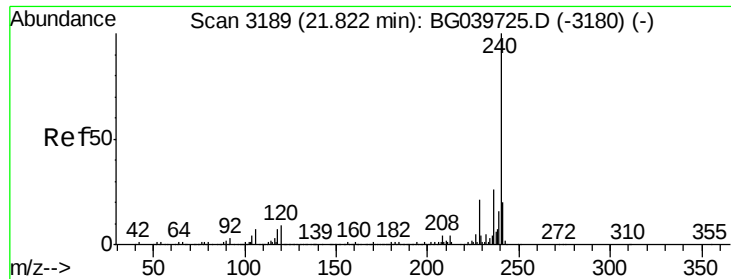
Tgt Ion:	165	Resp:	12802
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

Tgt Ion:	188	Resp:	262594
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.0	8.1	12.1#

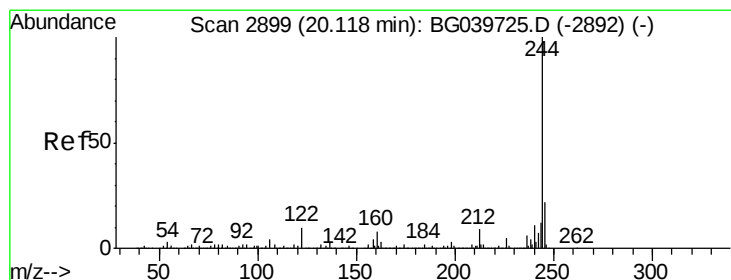
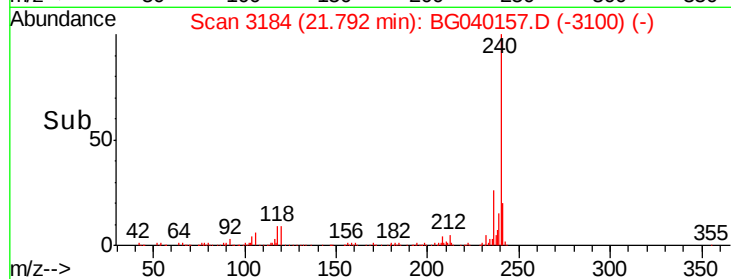
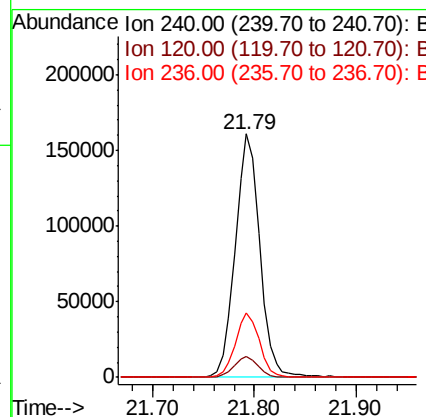
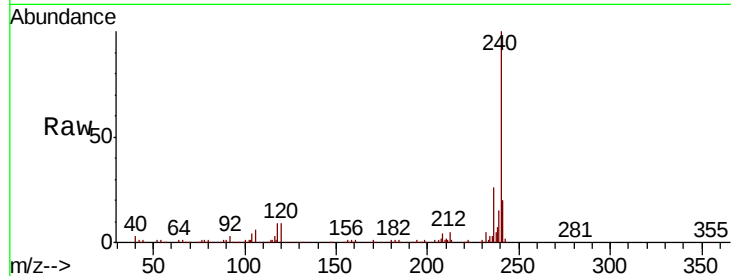




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

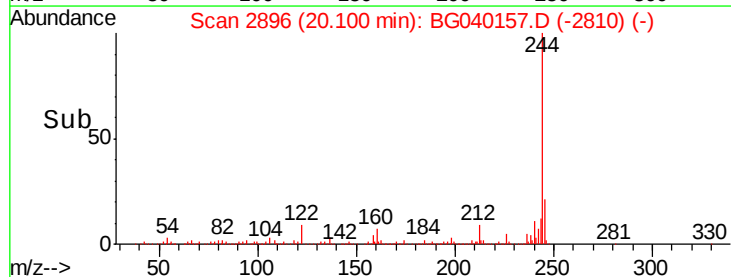
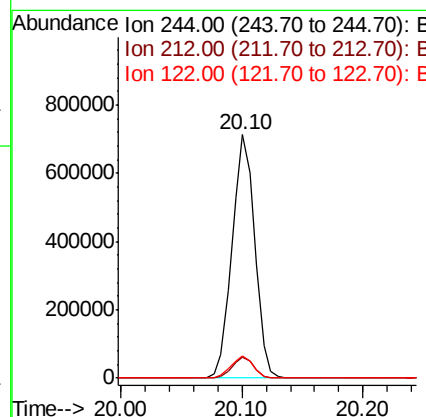
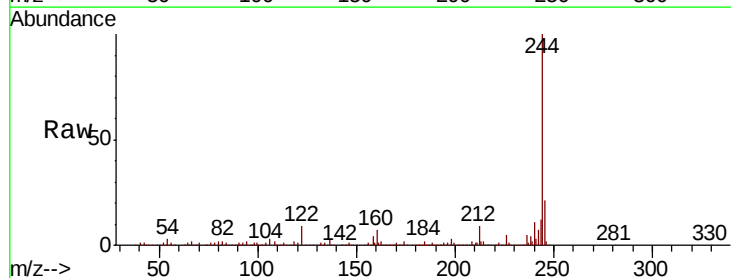
Instrument :
BNA_G
ClientSampleId :
PB118294BL

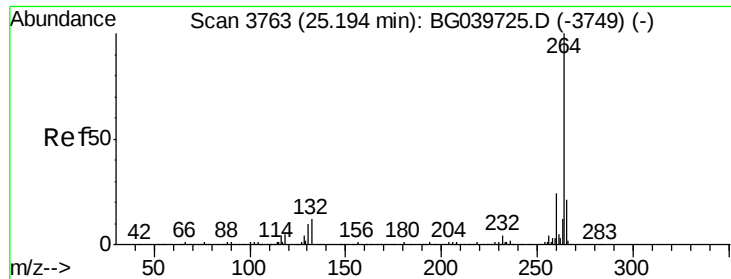
Tgt Ion:240 Resp: 270075
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 76.170 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

Tgt Ion:244 Resp: 934302
Ion Ratio Lower Upper
244 100
212 8.8 7.3 10.9
122 8.9 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

Instrument :
BNA_G
ClientSampleId :
PB118294BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.0	18.5	27.7

