

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040270.D
 Acq On : 1 Apr 2019 18:18
 Operator : JU/SJ
 Sample : PB118456BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BL

Quant Time: Apr 02 02:16:55 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

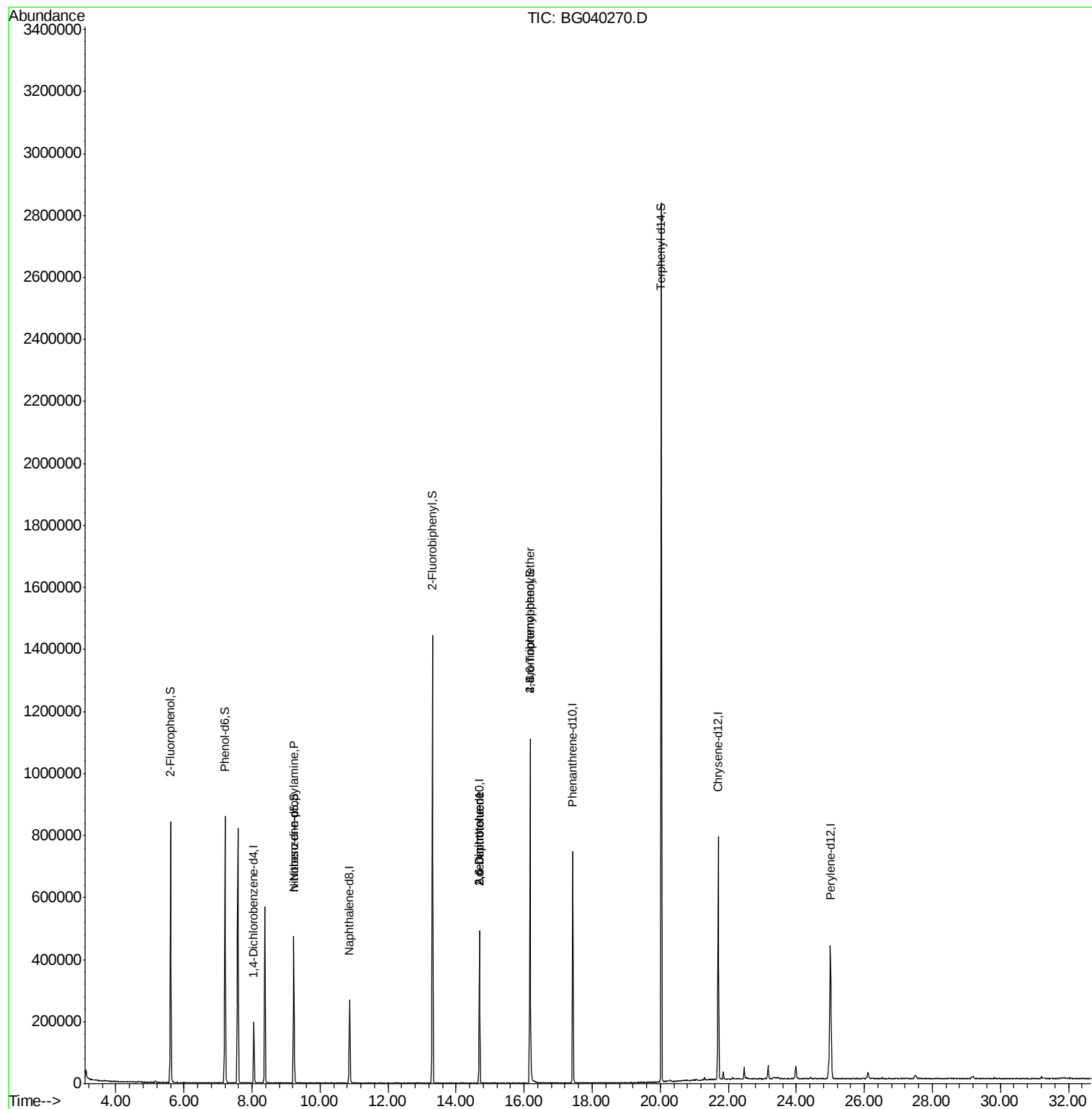
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54547	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	239691	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	169333	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	463725	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	469083	20.00	ng	-0.02
87) Perylene-d12	25.00	264	471486	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362019	110.33	ng	-0.01
7) Phenol-d6	7.21	99	507851	111.99	ng	-0.02
23) Nitrobenzene-d5	9.23	82	287981	63.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	214350	117.13	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	753880	65.97	ng	-0.02
79) Terphenyl-d14	20.03	244	1337157	64.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	35265	10.847	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	22830	7.672	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	22830	5.521	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	15835	3.034	ng	# 1

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

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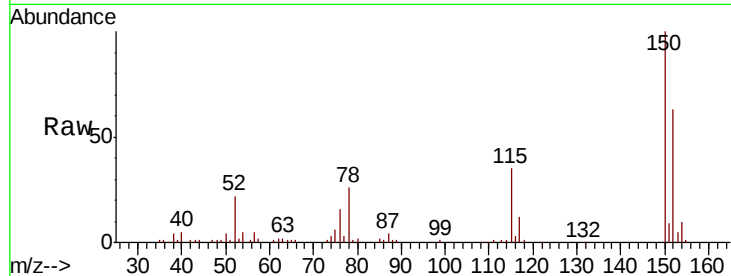


#1

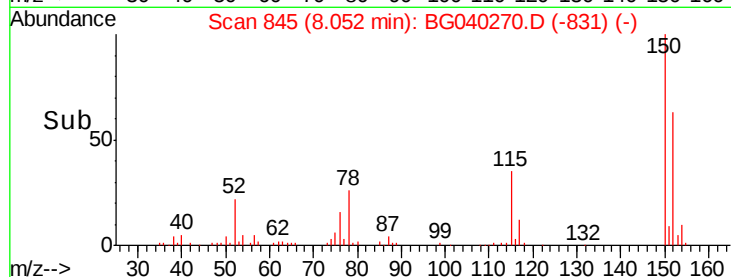
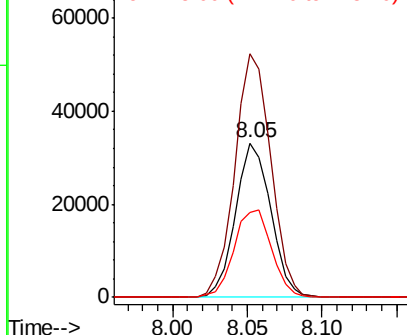
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040270.D
Acq: 1 Apr 2019 18:18

Instrument :
BNA_G
ClientSampleId :
PB118456BL

Tgt Ion:152 Resp: 54547
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 55.5 46.9 70.3



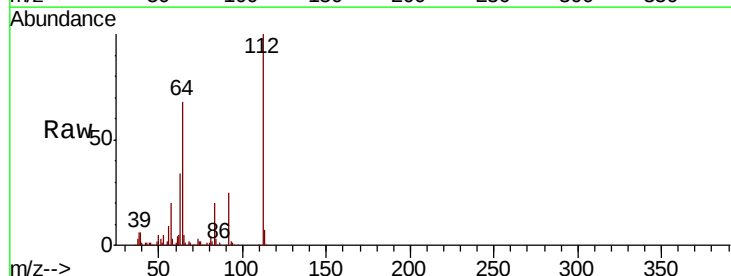
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



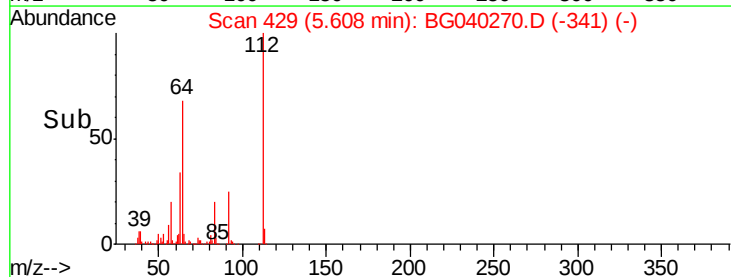
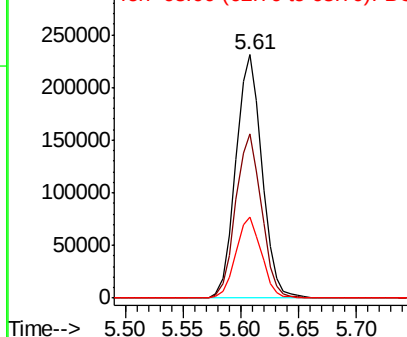
#5

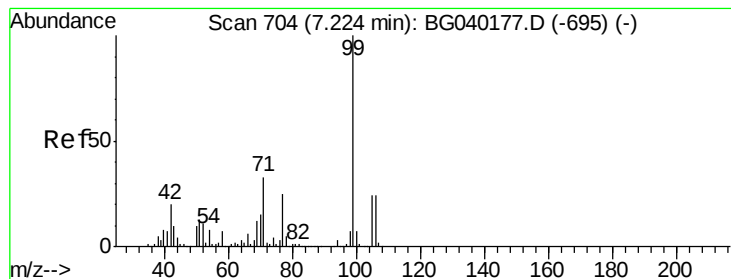
2-Fluorophenol
Concen: 110.331 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040270.D
Acq: 1 Apr 2019 18:18

Tgt Ion:112 Resp: 362019
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 33.5 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: 111.993 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040270.D

Acq: 1 Apr 2019 18:18

Instrument :

BNA_G

ClientSampleId :

PB118456BL

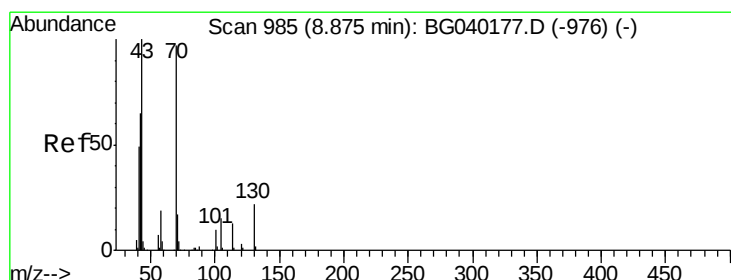
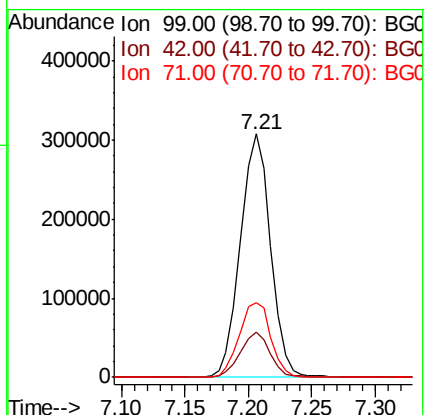
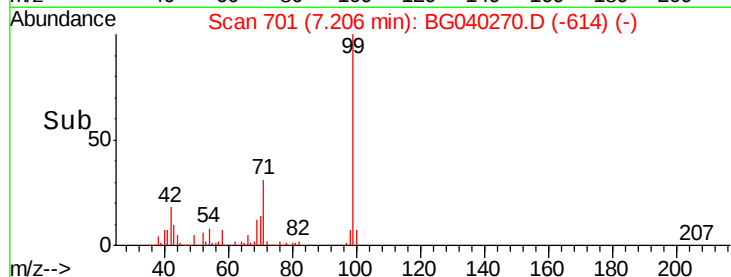
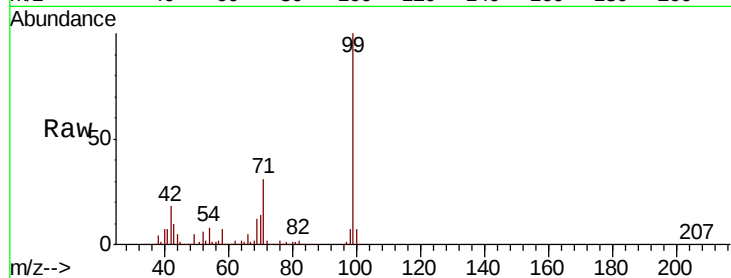
Tgt Ion: 99 Resp: 507851

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.2

71 30.9 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.847 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040270.D

Acq: 1 Apr 2019 18:18

Tgt Ion: 70 Resp: 35265

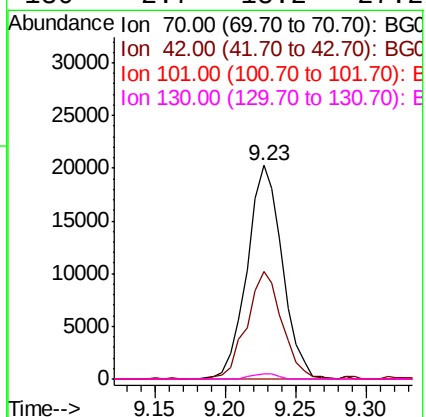
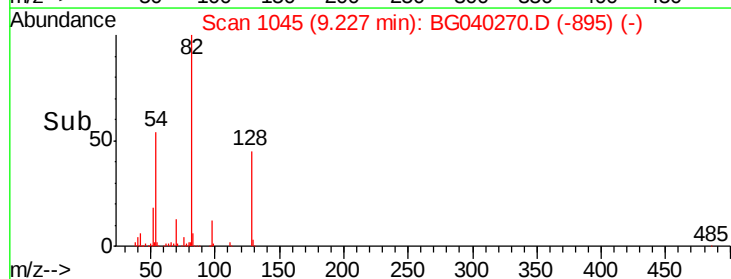
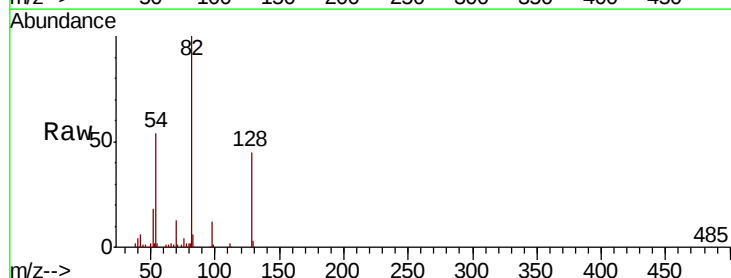
Ion Ratio Lower Upper

70 100

42 50.2 54.0 81.0#

101 0.0 8.6 13.0#

130 2.7 18.2 27.2#

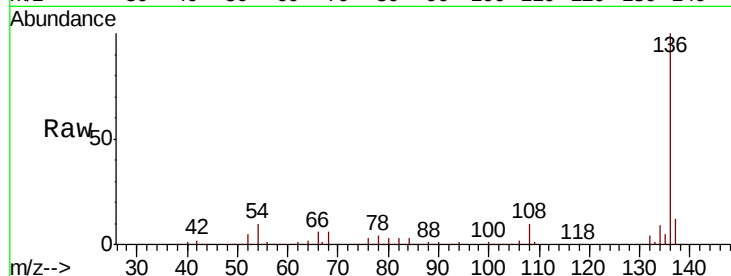




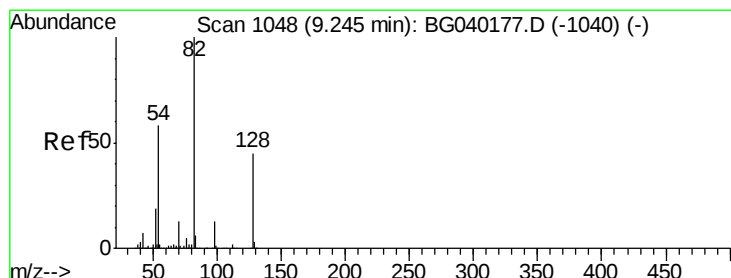
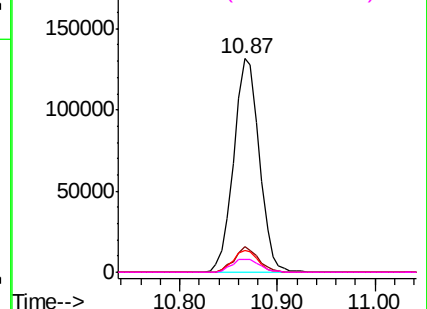
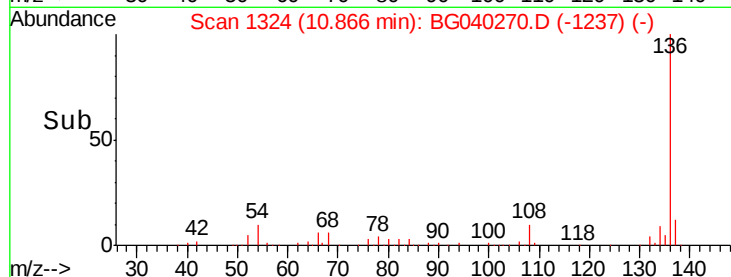
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040270.D
Acq: 1 Apr 2019 18:18

Instrument :
BNA_G
ClientSampleId :
PB118456BL

Tgt Ion:	136	Resp:	239691
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	10.3	9.6	14.4
68	5.8	5.1	7.7

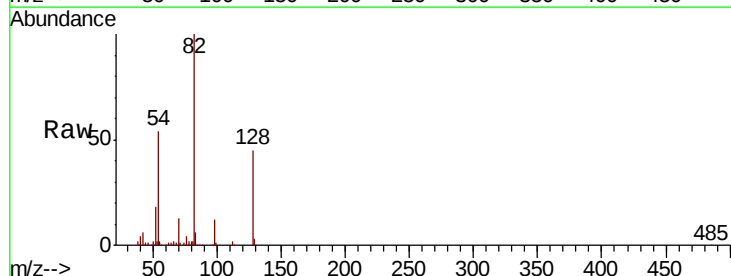


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

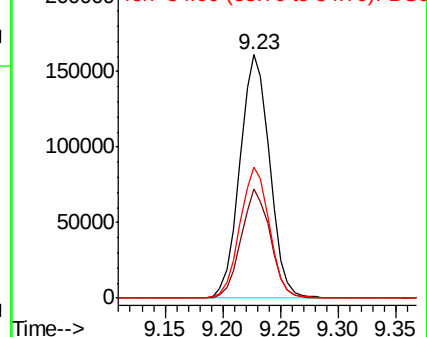
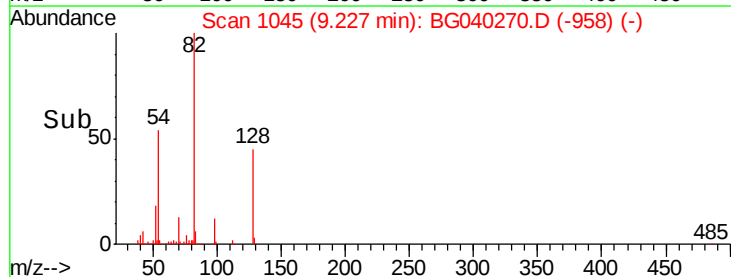


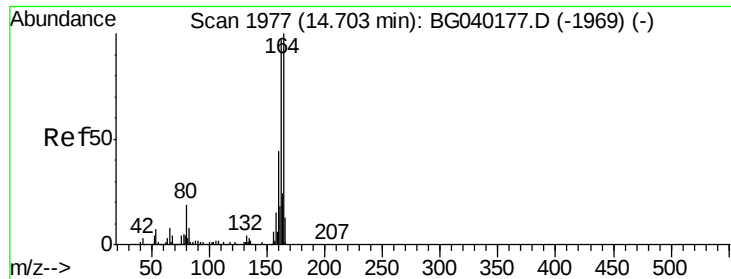
#23
Nitrobenzene-d5
Concen: 63.862 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040270.D
Acq: 1 Apr 2019 18:18

Tgt Ion:	82	Resp:	287981
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.8	53.8
54	54.0	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

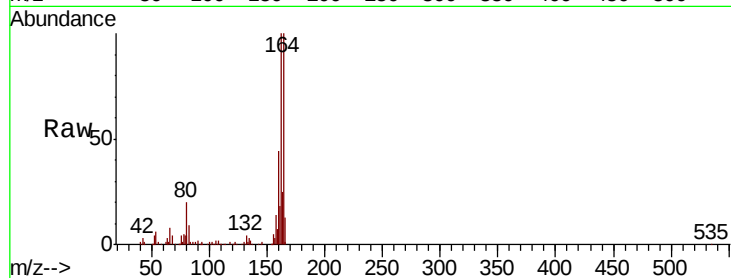




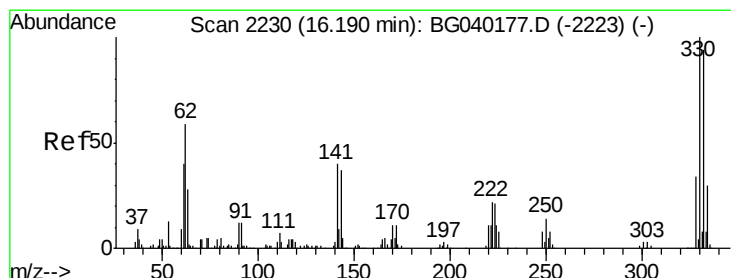
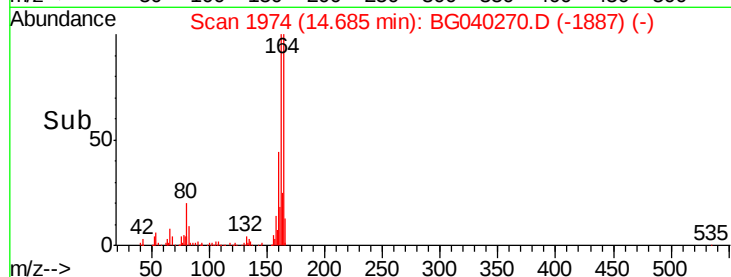
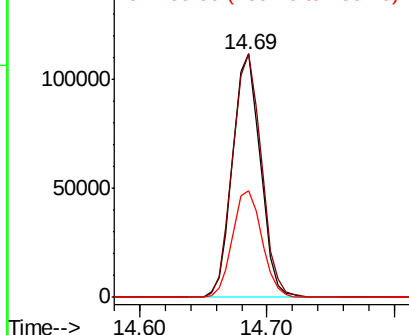
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040270.D
Acq: 1 Apr 2019 18:18

Instrument :
BNA_G
ClientSampleId :
PB118456BL

Tgt Ion:164 Resp: 169333
Ion Ratio Lower Upper
164 100
162 100.1 77.4 116.2
160 44.1 35.3 52.9

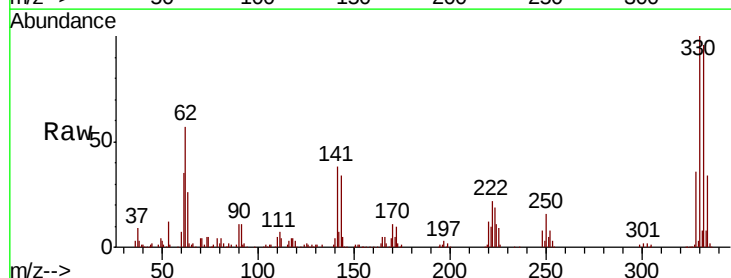


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

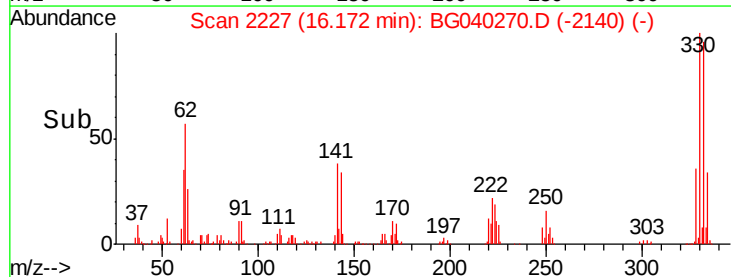
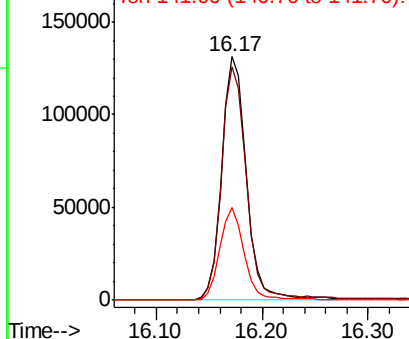


#42
2,4,6-Tribromophenol
Concen: 117.128 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040270.D
Acq: 1 Apr 2019 18:18

Tgt Ion:330 Resp: 214350
Ion Ratio Lower Upper
330 100
332 98.0 76.6 115.0
141 37.8 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

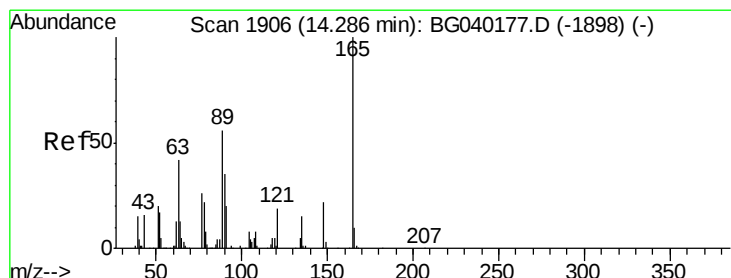
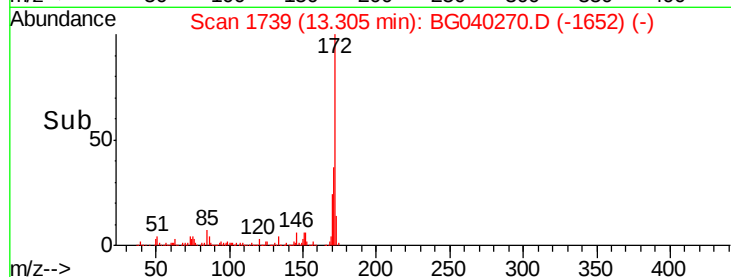
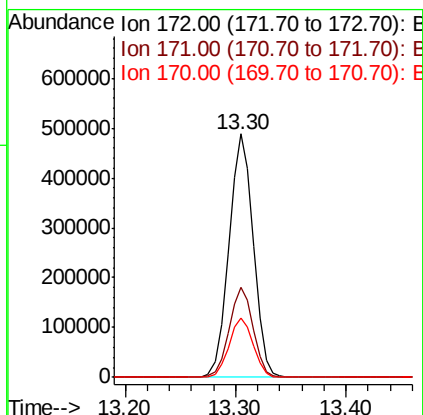
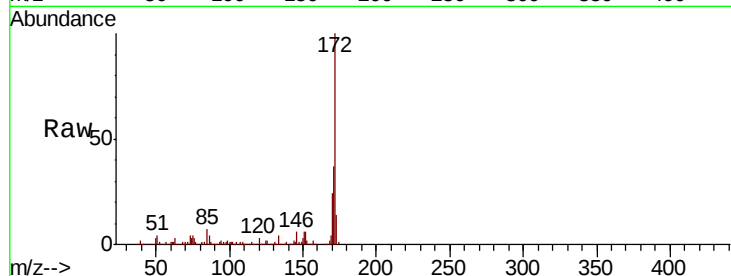




#45
 2-Fluorobiphenyl
 Concen: 65.969 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040270.D
 Acq: 1 Apr 2019 18:18

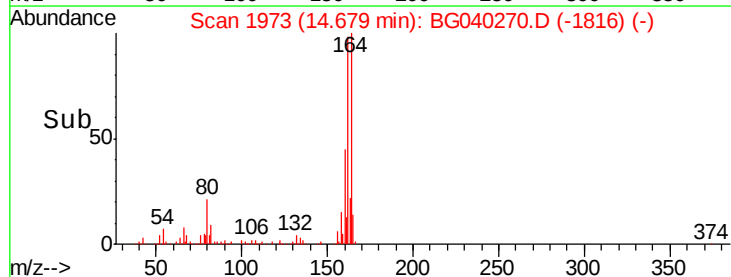
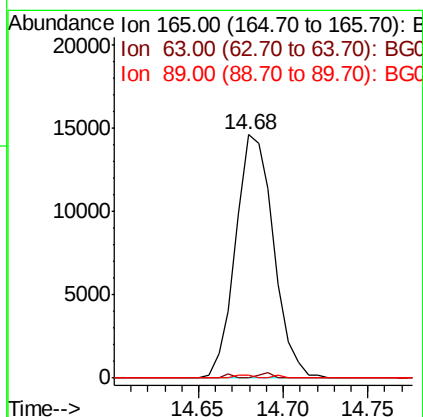
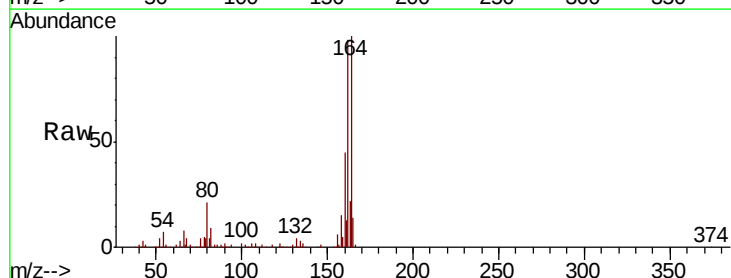
Instrument :
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 ClientSampleId :
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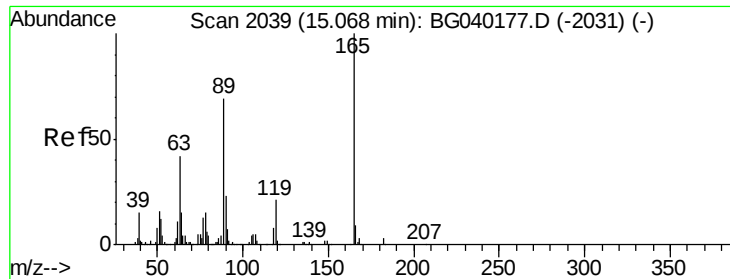
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.2	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.672 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.39 min
 Lab File: BG040270.D
 Acq: 1 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	1.1	44.9	67.3#

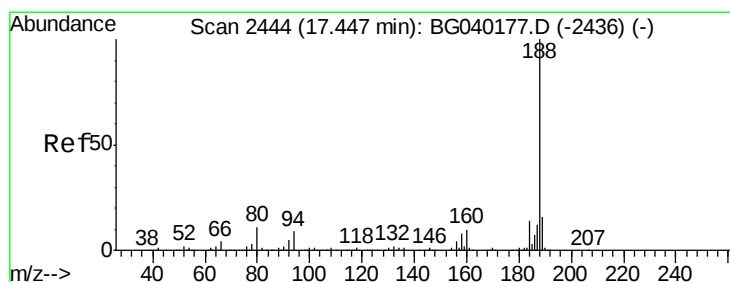
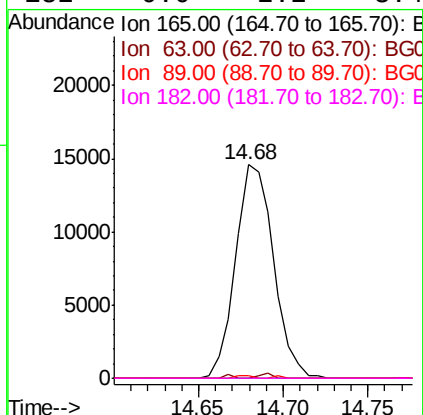
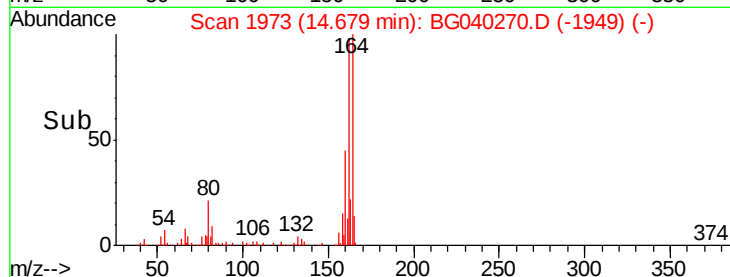
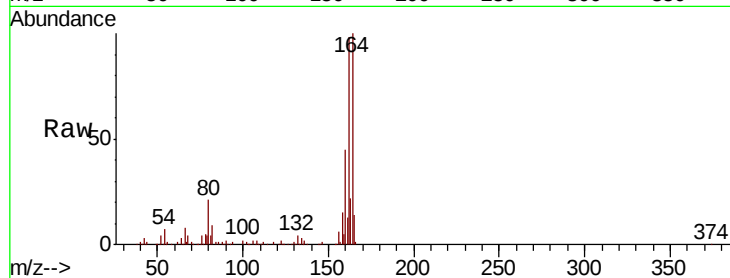




#57
 2,4-Dinitrotoluene
 Concen: 5.521 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040270.D
 Acq: 1 Apr 2019 18:18

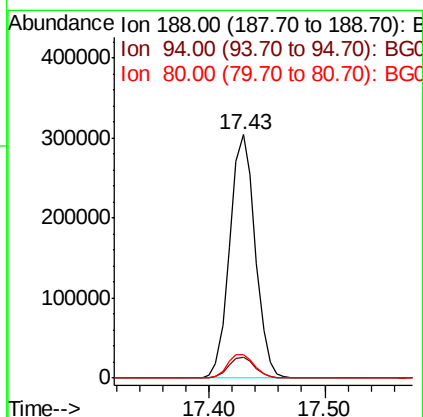
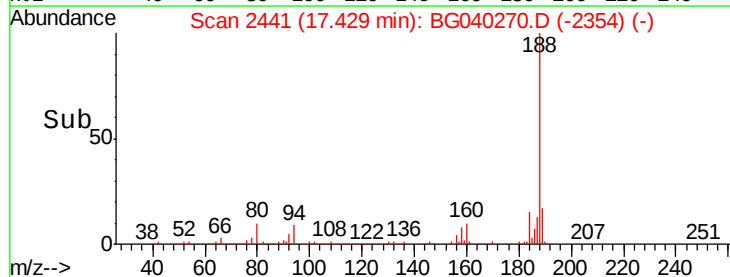
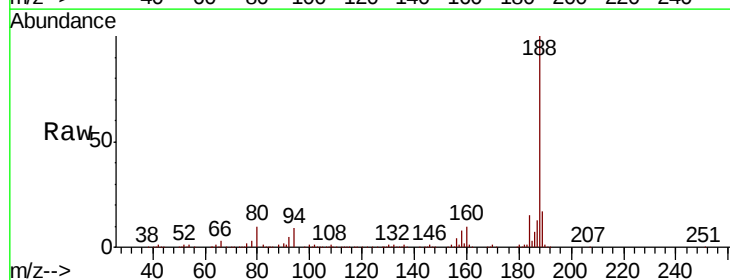
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	1.1	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040270.D
 Acq: 1 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.9	8.6	13.0

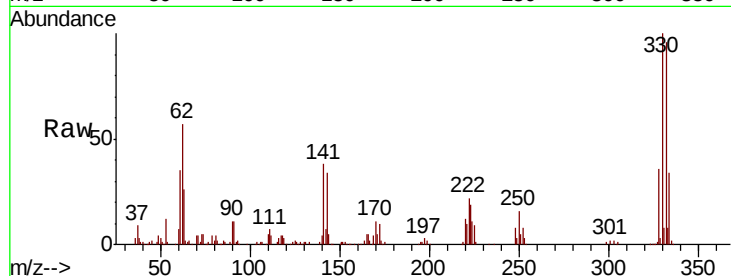




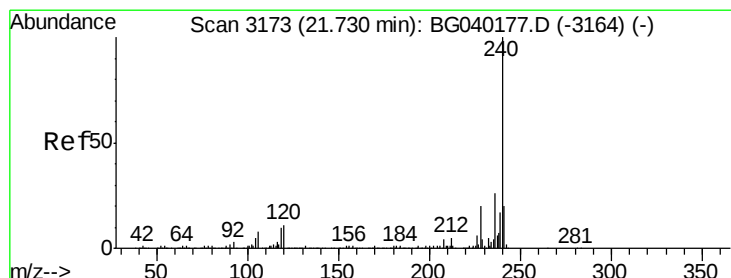
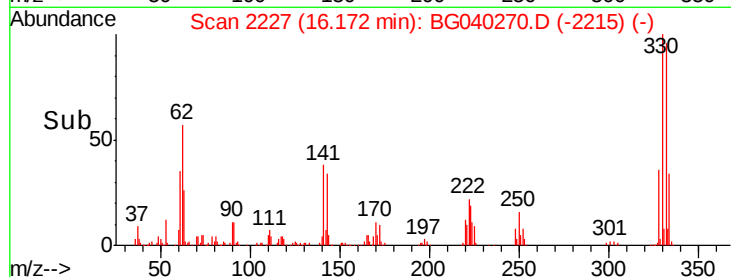
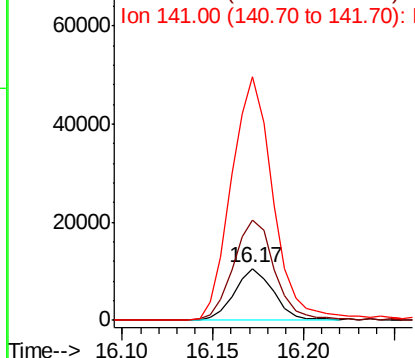
#67
 4-Bromophenyl-phenylether
 Concen: 3.034 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040270.D
 Acq: 1 Apr 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BL

Tgt Ion:248 Resp: 15835
 Ion Ratio Lower Upper
 248 100
 250 191.2 76.4 114.6#
 141 466.1 53.8 80.8#

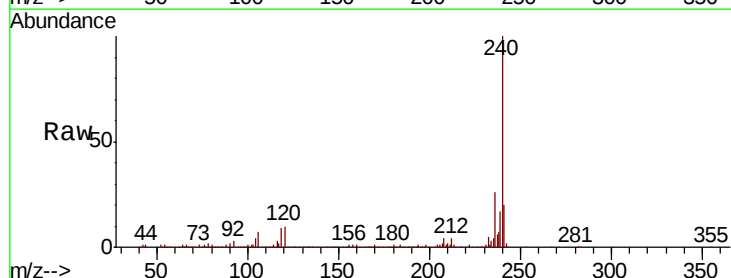


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

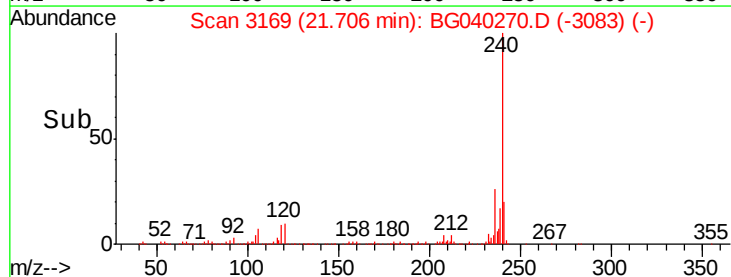
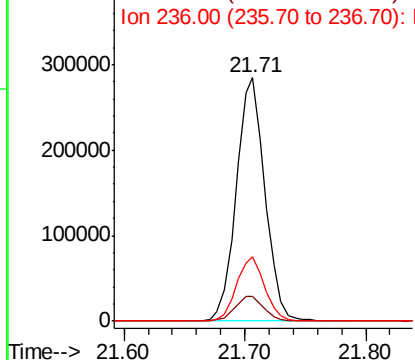


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040270.D
 Acq: 1 Apr 2019 18:18

Tgt Ion:240 Resp: 469083
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 26.2 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: 64.128 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040270.D

Acq: 1 Apr 2019 18:18

Instrument :

BNA_G

ClientSampleId :

PB118456BL

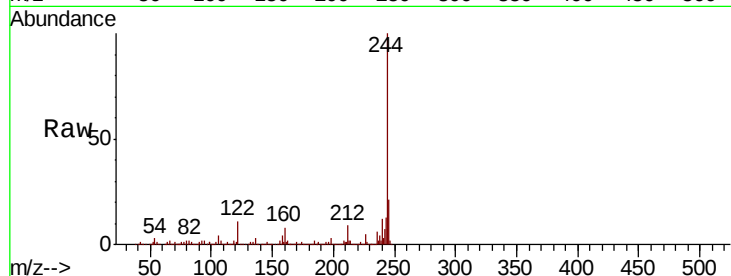
Tgt Ion:244 Resp: 1337157

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

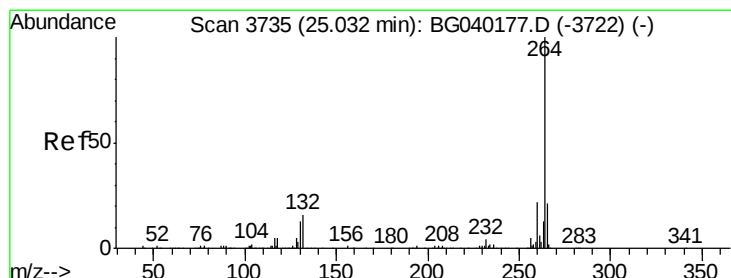
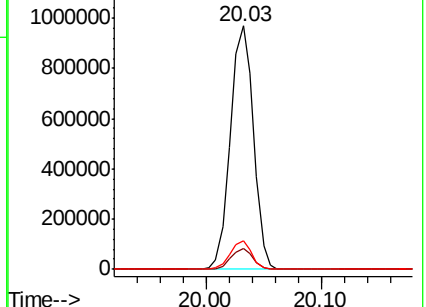
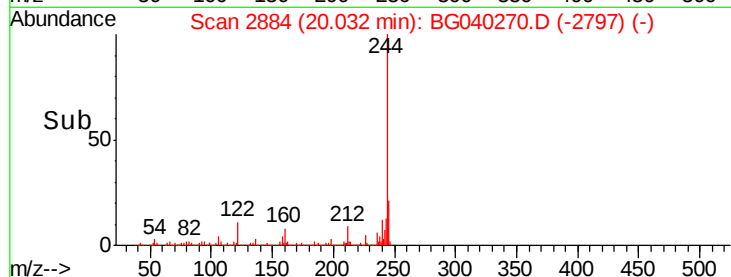
122 11.5 8.5 12.7



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: 25.00 min Scan# 3730

Delta R.T. -0.03 min

Lab File: BG040270.D

Acq: 1 Apr 2019 18:18

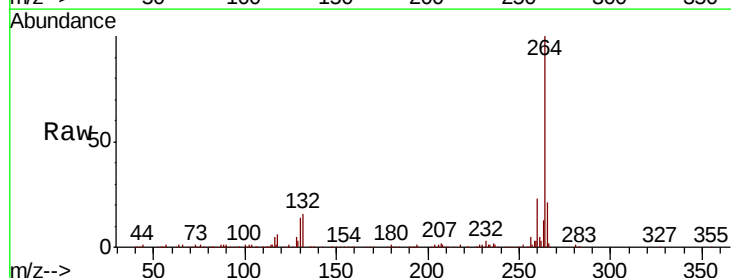
Tgt Ion:264 Resp: 471486

Ion Ratio Lower Upper

264 100

260 23.1 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

