

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040248.D
 Acq On : 30 Mar 2019 5:56
 Operator : JU/SJ
 Sample : PB118419BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118419BL

Quant Time: Mar 30 06:33:02 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

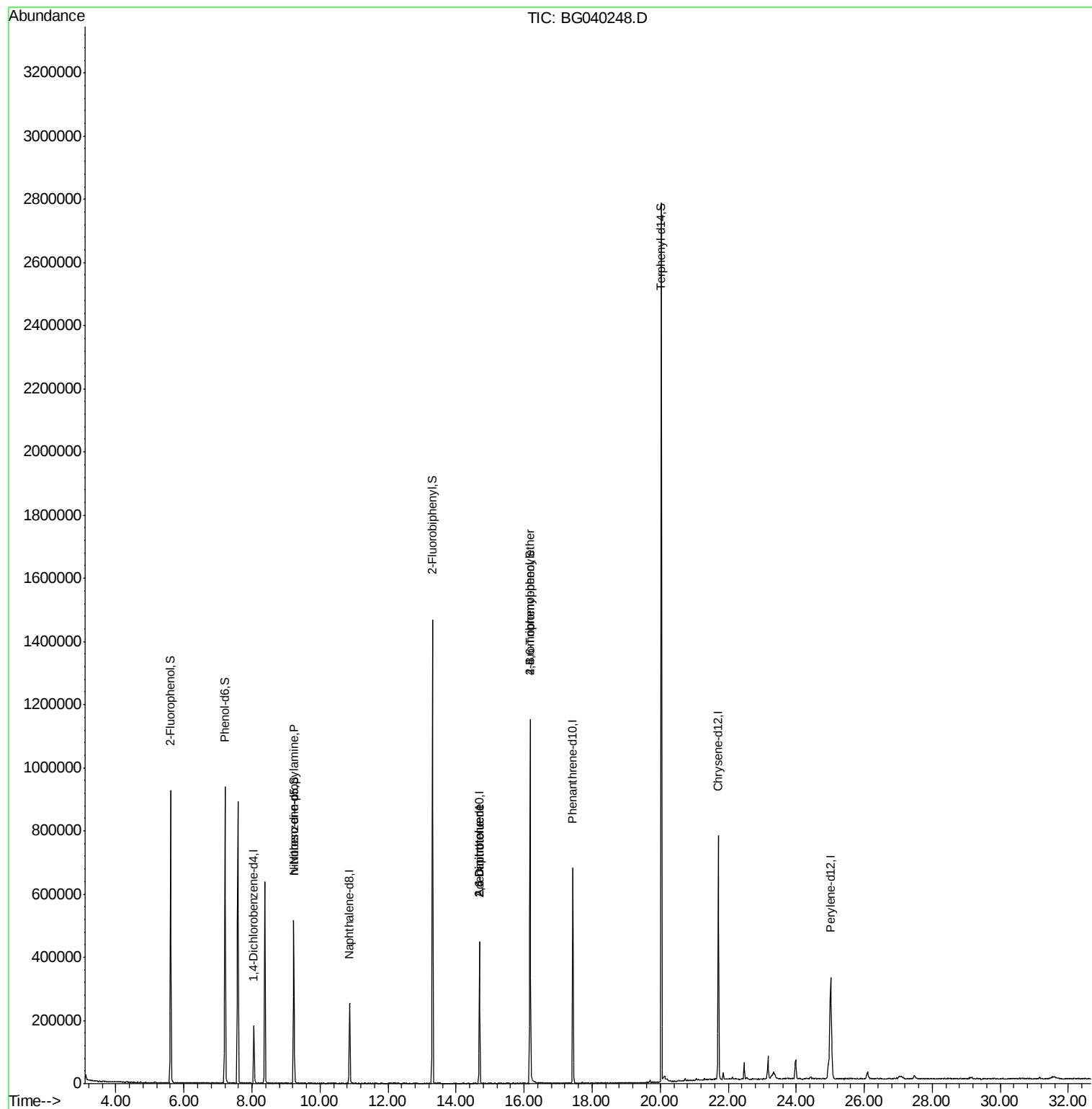
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54612	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	227108	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	153959	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	418896	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	443381	20.00	ng	-0.02
87) Perylene-d12	25.01	264	439302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	397931	121.13	ng	-0.01
7) Phenol-d6	7.21	99	554025	122.03	ng	-0.02
23) Nitrobenzene-d5	9.23	82	313234	73.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	216304	130.00	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	776353	74.72	ng	-0.02
79) Terphenyl-d14	20.03	244	1397491	70.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	40046	12.302	ng	# 70
51) 2,6-Dinitrotoluene	14.69	165	19187	7.092	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	19187	5.104	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	16124	3.420	ng	# 1

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

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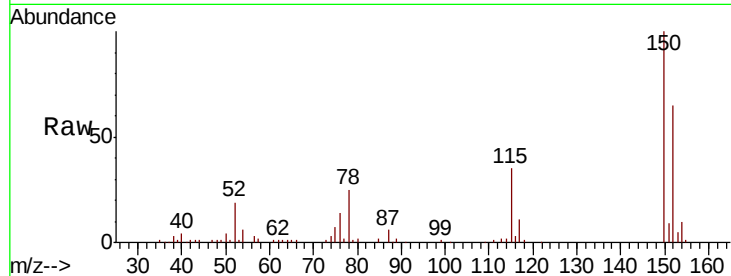




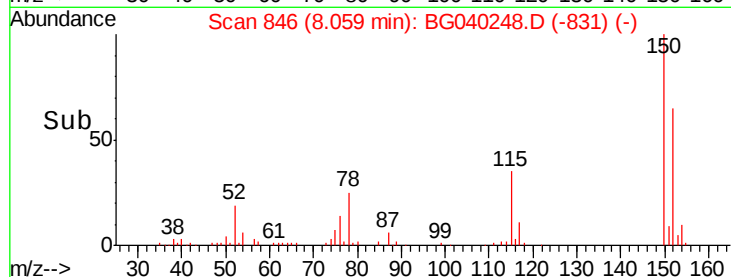
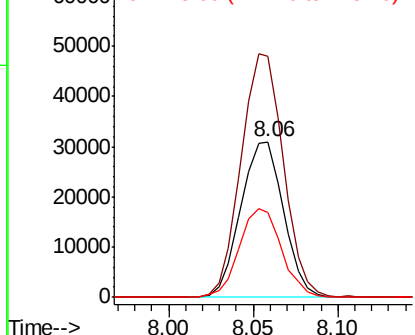
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB118419BL

Tgt Ion:152 Resp: 54612
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.7 185.5
 115 54.3 46.9 70.3

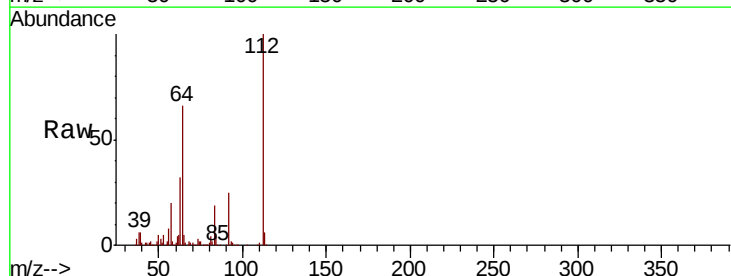


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

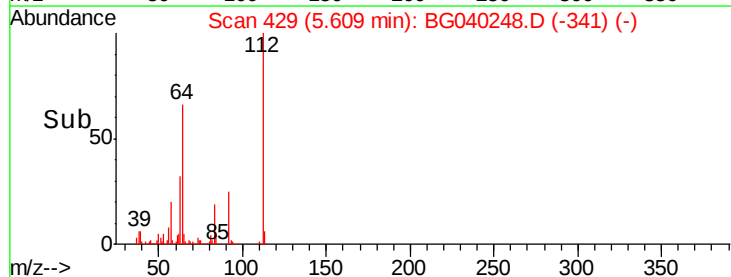
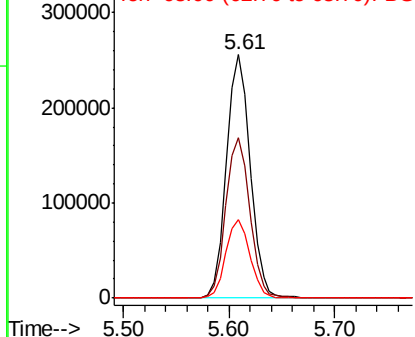


#5
 2-Fluorophenol
 Concen: 121.132 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

Tgt Ion:112 Resp: 397931
 Ion Ratio Lower Upper
 112 100
 64 65.7 54.2 81.2
 63 32.3 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: 122.030 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040248.D

Acq: 30 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

PB118419BL

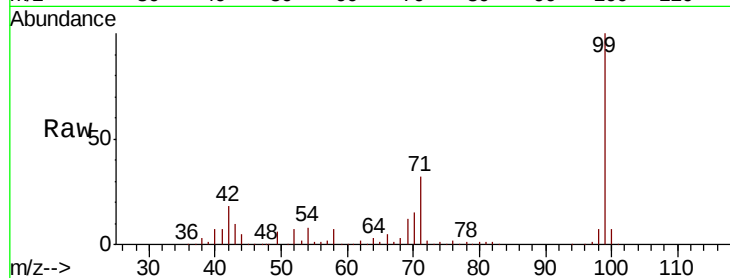
Tgt Ion: 99 Resp: 554025

Ion Ratio Lower Upper

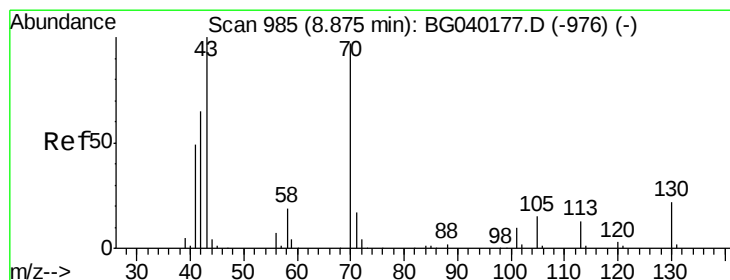
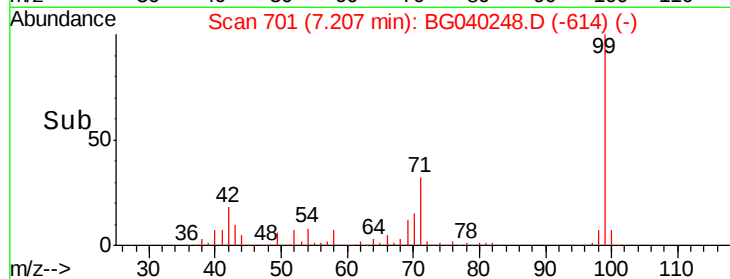
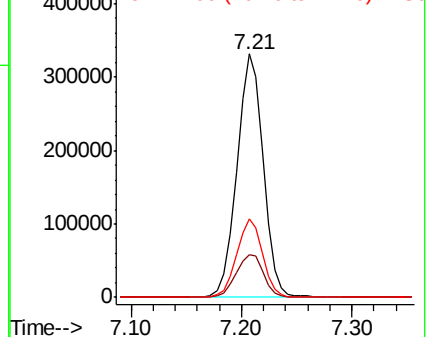
99 100

42 17.6 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: 12.302 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040248.D

Acq: 30 Mar 2019 5:56

Tgt Ion: 70 Resp: 40046

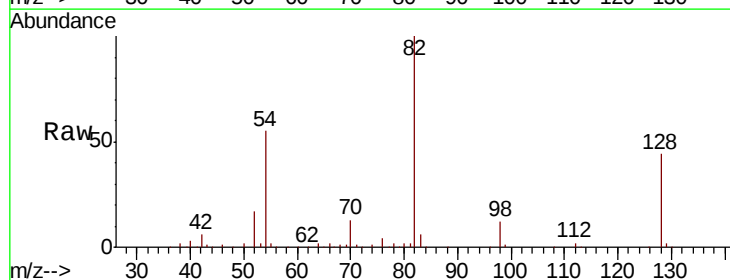
Ion Ratio Lower Upper

70 100

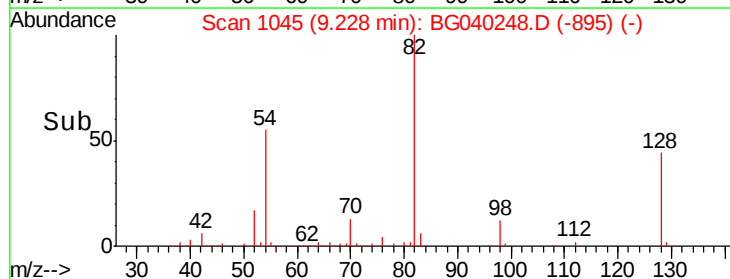
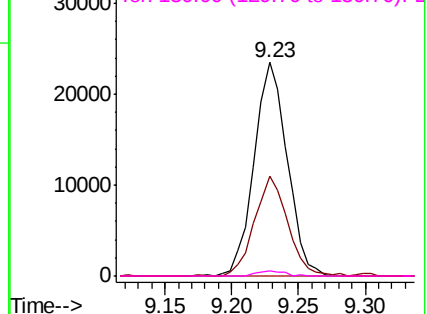
42 47.0 54.0 81.0#

101 0.0 8.6 13.0#

130 2.2 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

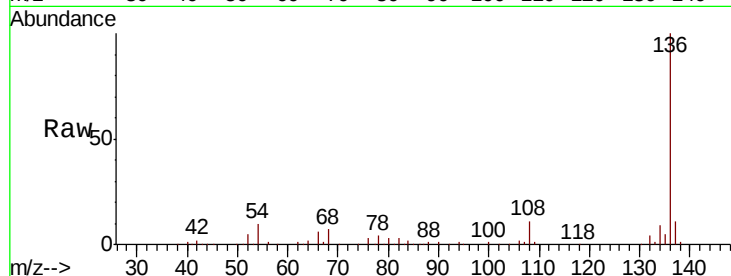




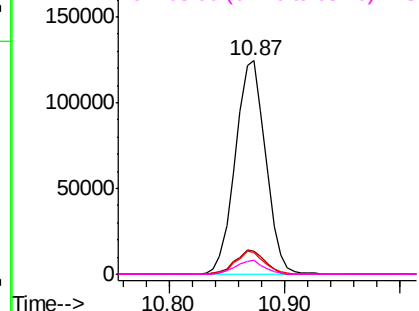
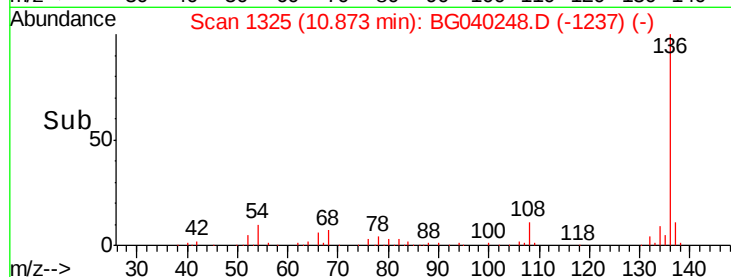
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040248.D
Acq: 30 Mar 2019 5:56

Instrument :
BNA_F
ClientSampleId :
PB118419BL

Tgt Ion:	136	Resp:	227108
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.0	9.6	14.4
68	6.8	5.1	7.7

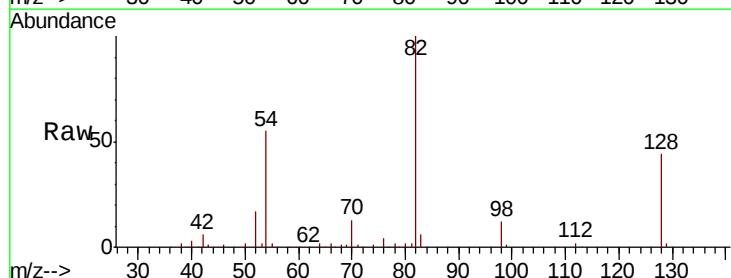


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

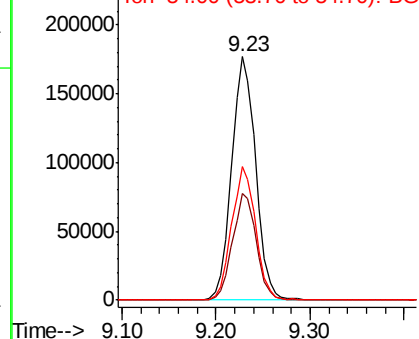
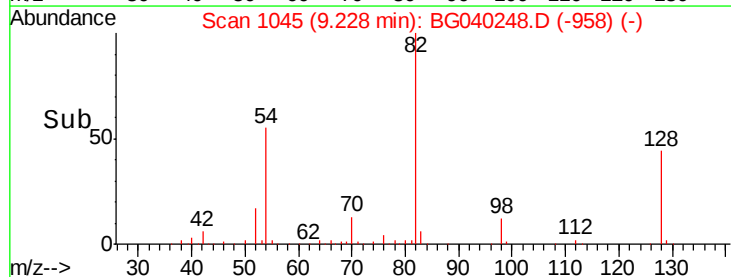


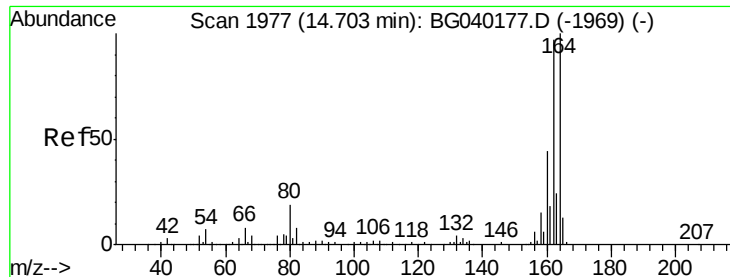
#23
Nitrobenzene-d5
Concen: 73.311 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040248.D
Acq: 30 Mar 2019 5:56

Tgt Ion:	82	Resp:	313234
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.8	53.8
54	55.1	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: BG040248.D

Acq: 30 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

PB118419BL

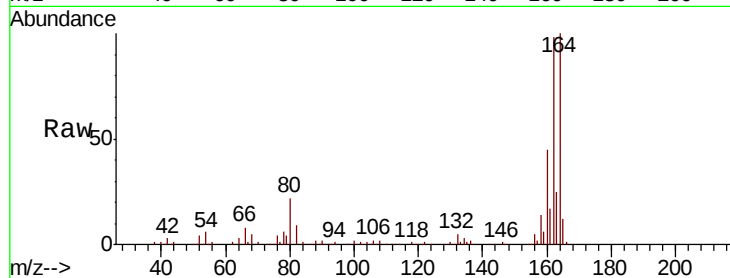
Tgt Ion:164 Resp: 153959

Ion Ratio Lower Upper

164 100

162 98.1 77.4 116.2

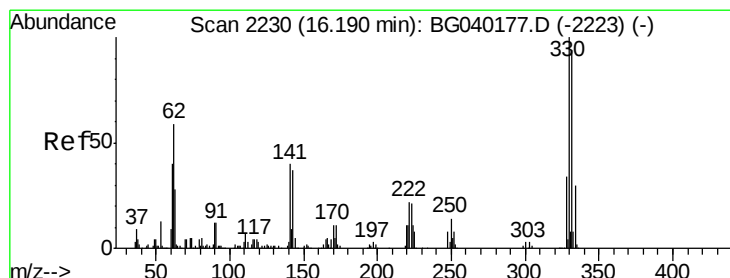
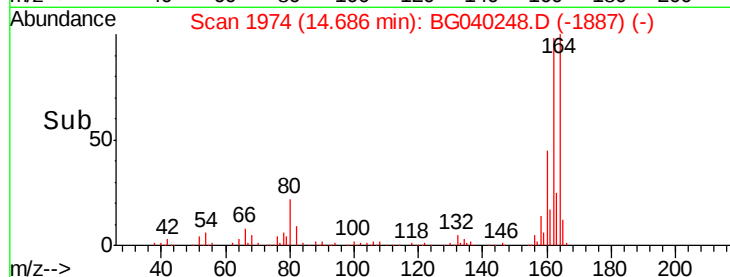
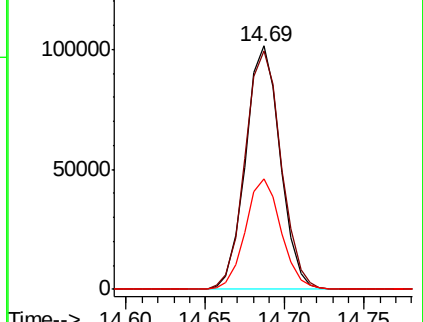
160 45.4 35.3 52.9



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: 129.999 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040248.D

Acq: 30 Mar 2019 5:56

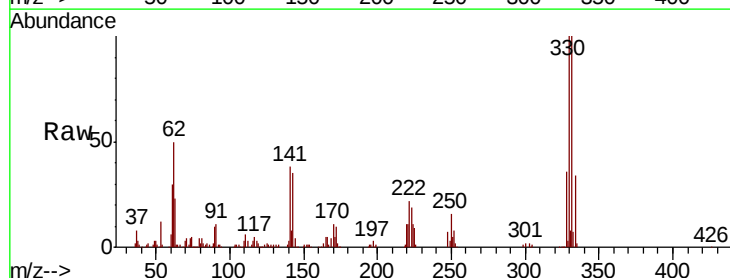
Tgt Ion:330 Resp: 216304

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

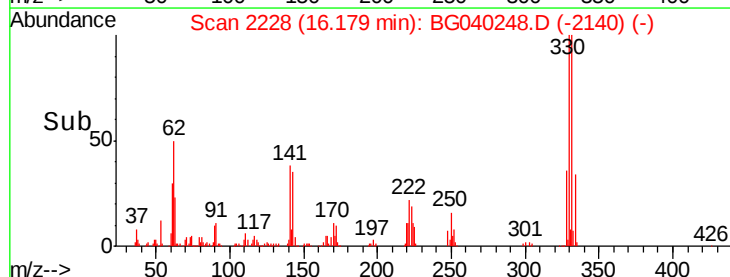
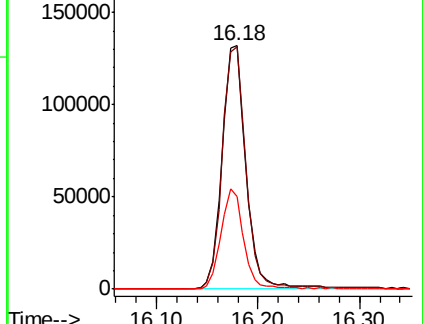
141 38.8 32.6 48.8

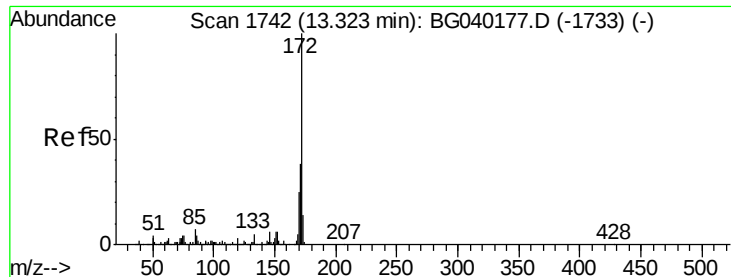


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

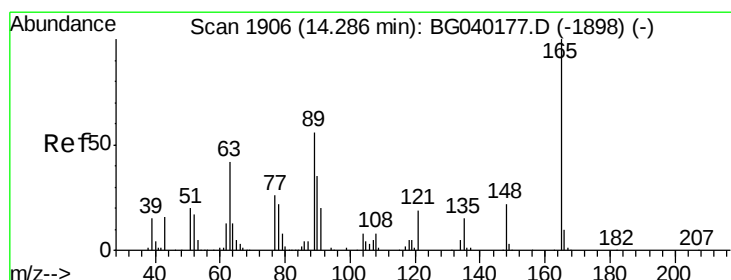
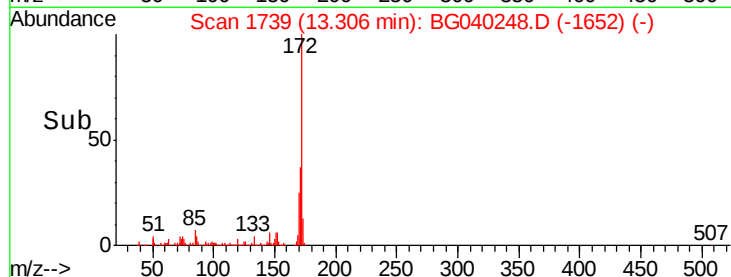
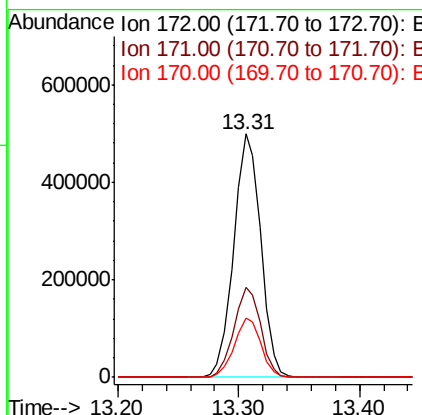
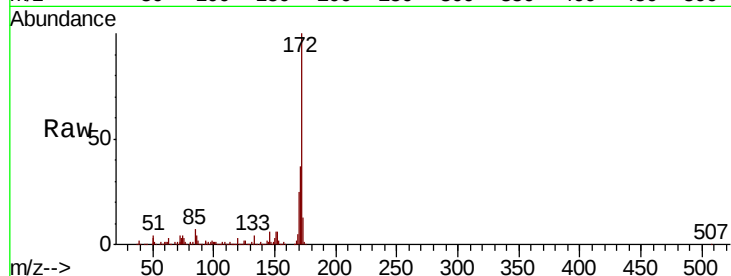




#45
 2-Fluorobiphenyl
 Concen: 74.719 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

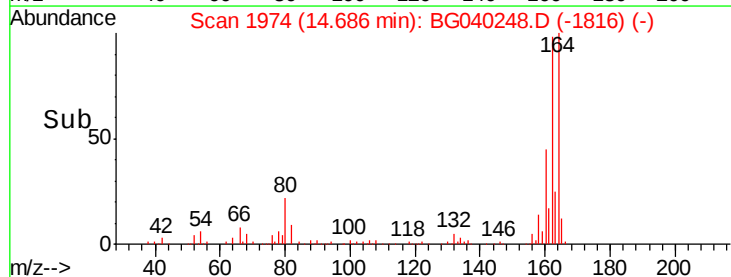
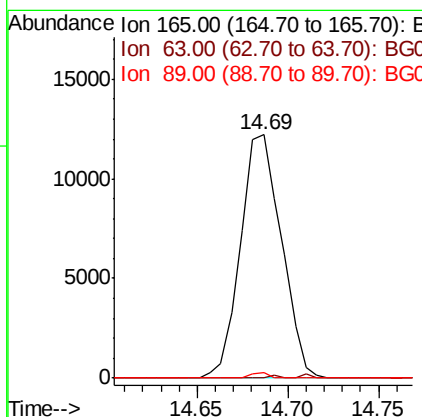
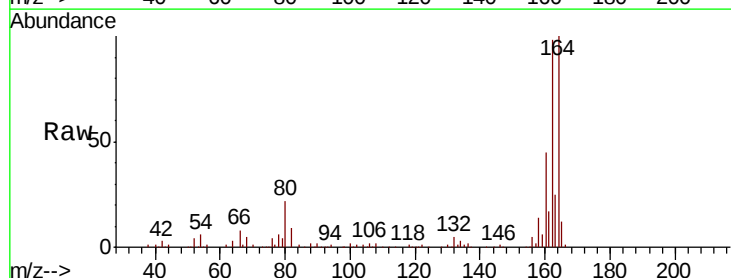
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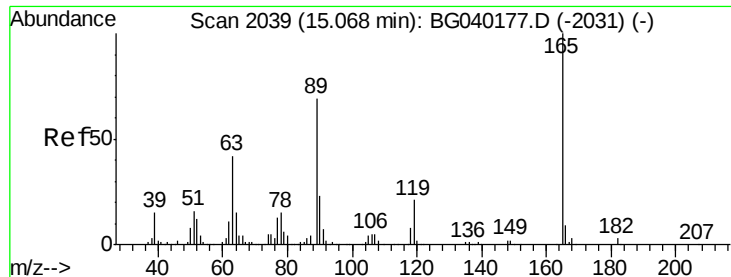
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.6	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.092 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

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

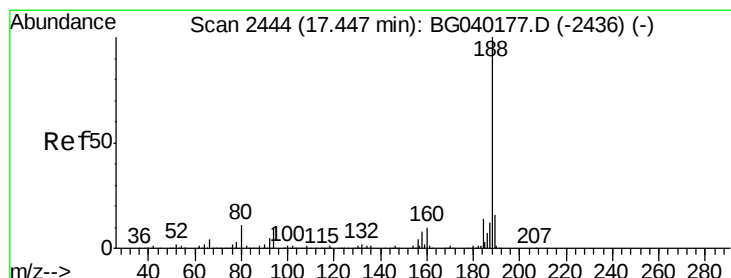
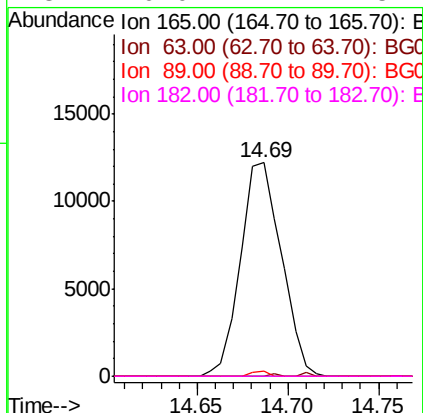
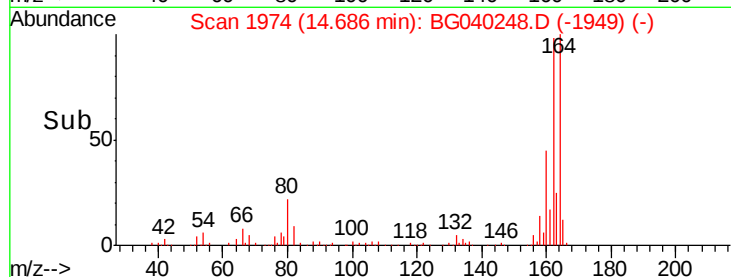
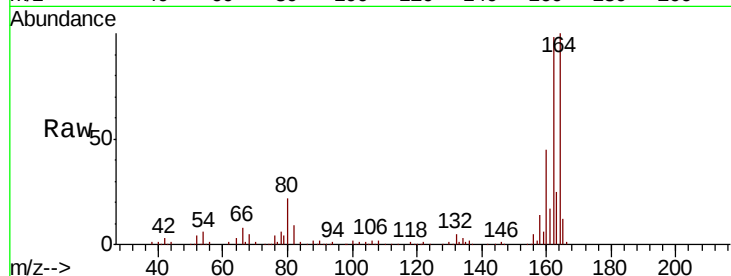




#57
 2,4-Dinitrotoluene
 Concen: 5.104 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

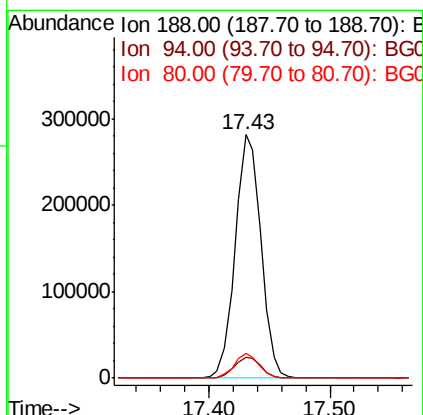
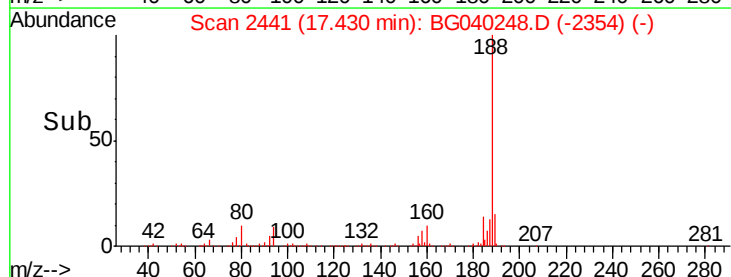
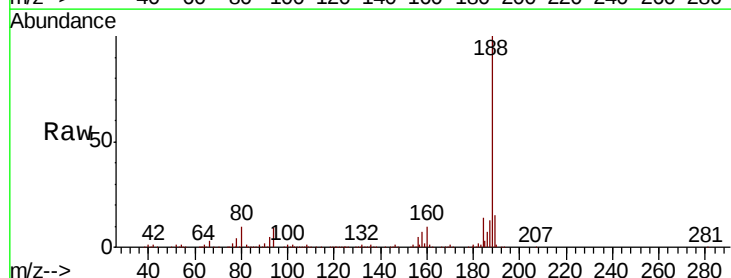
Instrument :
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Tgt Ion:	165	Resp:	19187
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.2	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

Tgt Ion:	188	Resp:	418896
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.1	8.6	13.0

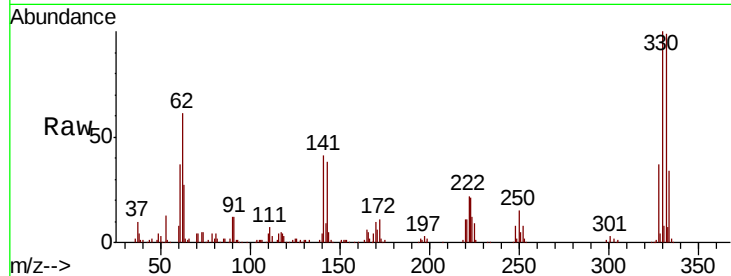




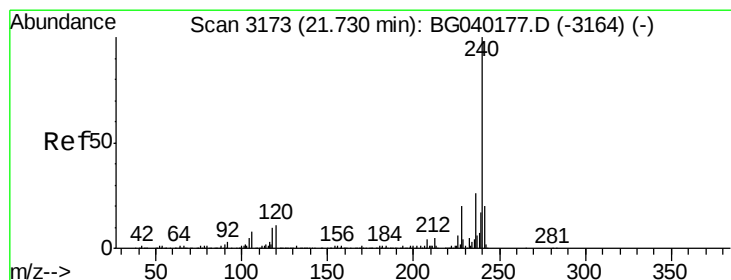
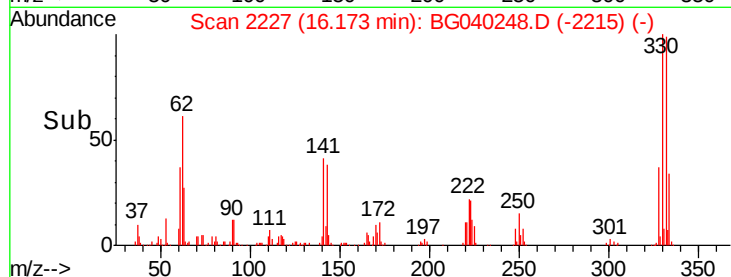
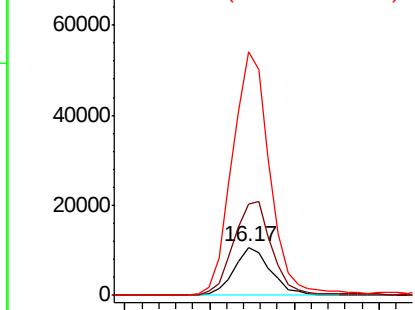
#67
 4-Bromophenyl-phenylether
 Concen: 3.420 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB118419BL

Tgt Ion:248 Resp: 16124
 Ion Ratio Lower Upper
 248 100
 250 189.7 76.4 114.6#
 141 508.5 53.8 80.8#

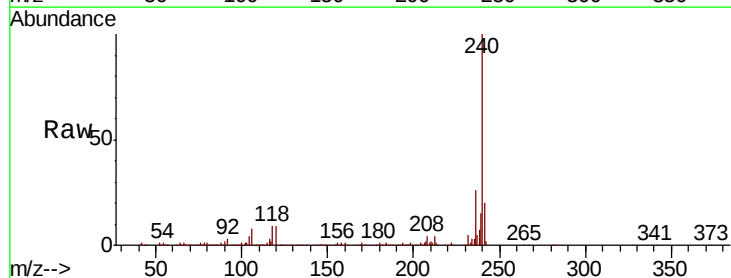


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

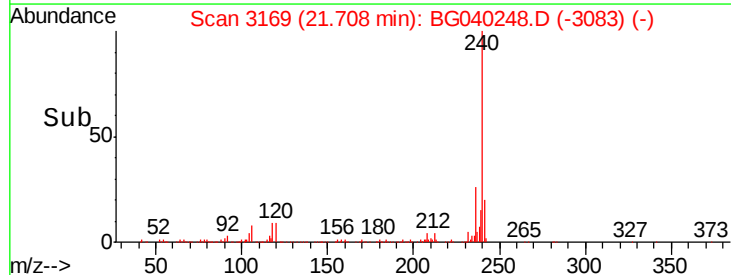
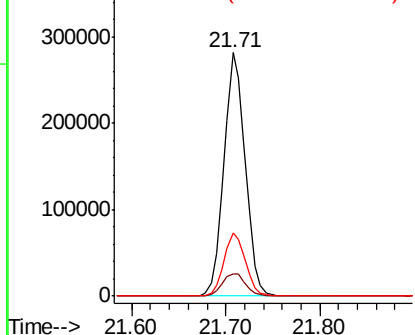


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040248.D
 Acq: 30 Mar 2019 5:56

Tgt Ion:240 Resp: 443381
 Ion Ratio Lower Upper
 240 100
 120 9.2 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: 70.907 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040248.D

Acq: 30 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

PB118419BL

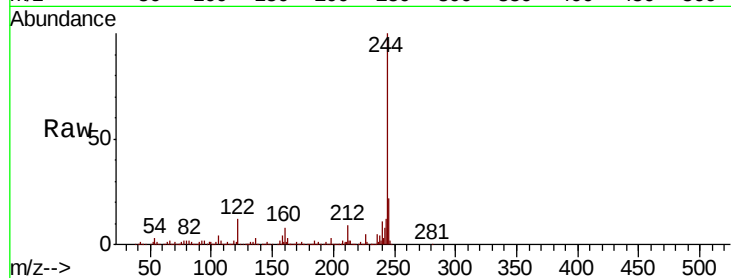
Tgt Ion:244 Resp: 1397491

Ion Ratio Lower Upper

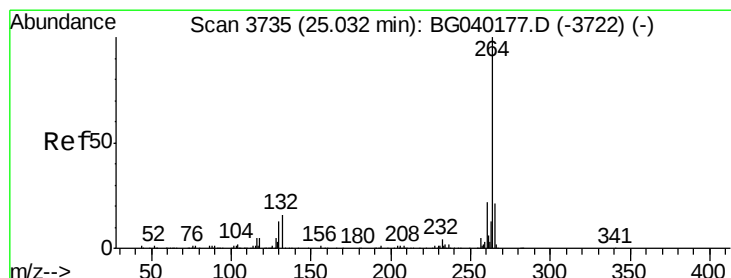
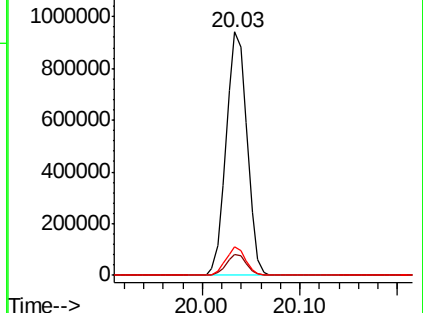
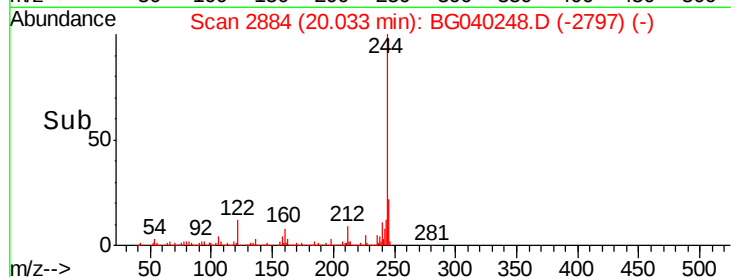
244 100

212 8.7 7.0 10.6

122 11.7 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: BG040248.D

Acq: 30 Mar 2019 5:56

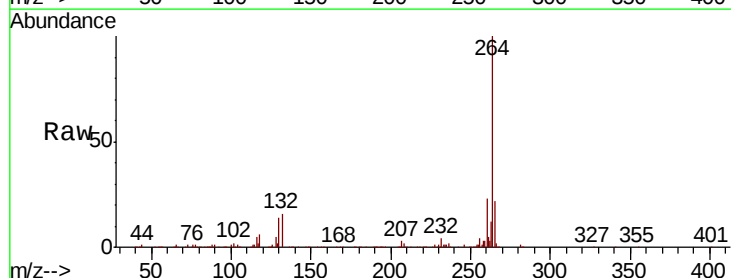
Tgt Ion:264 Resp: 439302

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 22.0 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

