

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041205.D
 Acq On : 12 Jun 2019 14:23
 Operator : HP/JU
 Sample : K3283-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

Quant Time: Jun 13 05:34:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37036	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	161209	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	121538	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	293041	20.00	ng	0.00
76) Chrysene-d12	21.76	240	287556	20.00	ng	0.00
87) Perylene-d12	25.09	264	294875	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	165861	80.75	ng	0.00
7) Phenol-d6	7.25	99	266954	84.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	188017	51.78	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	132720	73.56	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	383991	45.50	ng	0.00
79) Terphenyl-d14	20.07	244	689191	50.87	ng	0.00

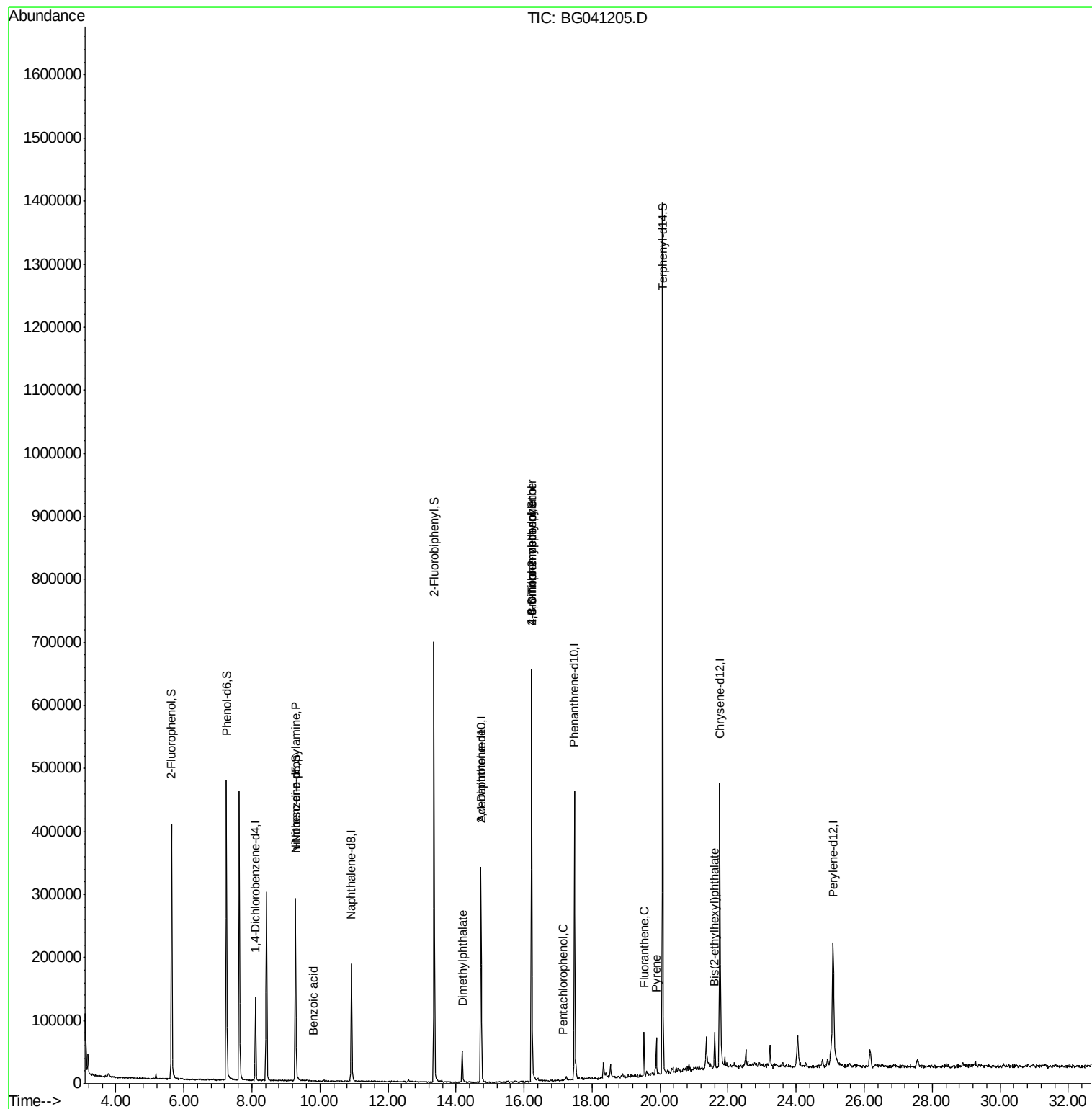
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	27220	11.151	ng	# 82
32) Benzoic acid	9.80	122	55	8.153	ng	# 1
50) Dimethylphthalate	14.18	163	40936	3.979	ng	# 94
57) 2,4-Dinitrotoluene	14.73	165	14647	4.674	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.22	198	422	8.810	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	9345	2.363	ng	# 1
70) Pentachlorophenol	17.15	266	56	4.279	ng	# 18
75) Fluoranthene	19.52	202	47602	2.525	ng	93
78) Pyrene	19.89	202	40804	2.183	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	23779	2.322	ng	92

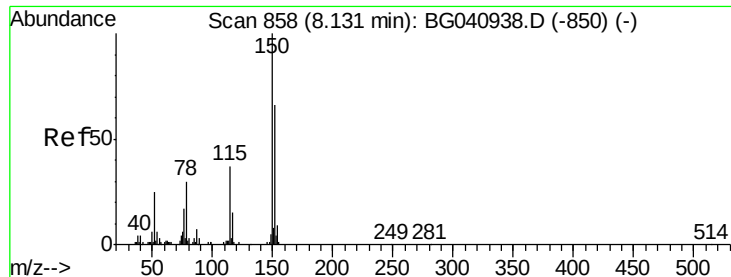
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

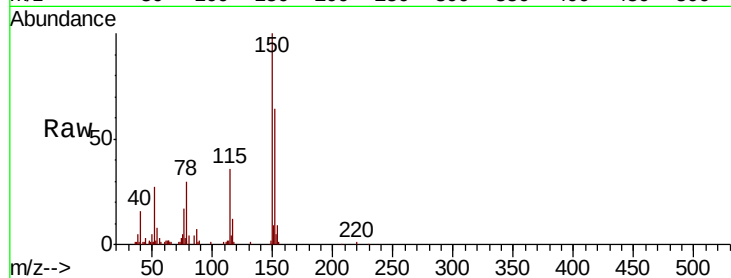
Tgt Ion:152 Resp: 37036

Ion Ratio Lower Upper

152 100

150 157.5 120.6 180.8

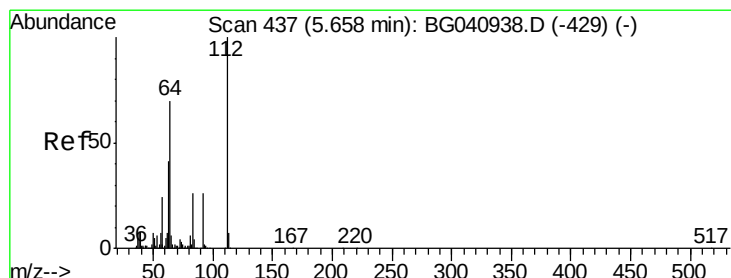
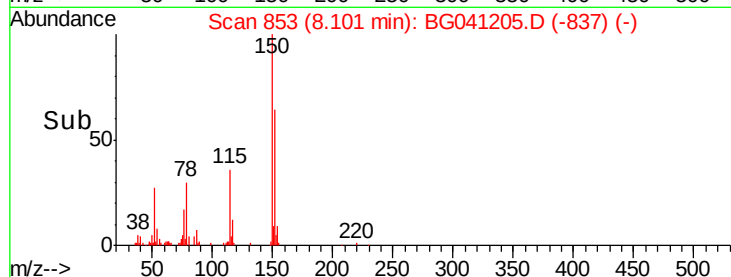
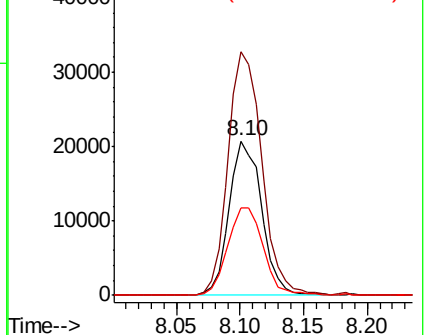
115 56.5 45.1 67.7



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: 80.755 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

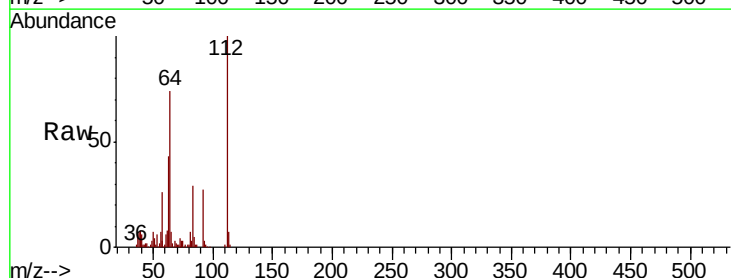
Tgt Ion:112 Resp: 165861

Ion Ratio Lower Upper

112 100

64 74.3 56.2 84.2

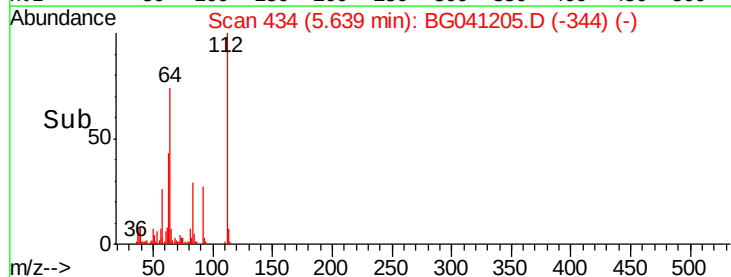
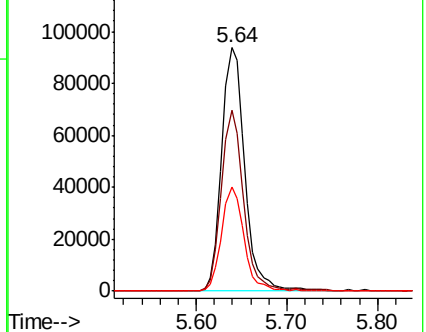
63 42.7 32.8 49.2

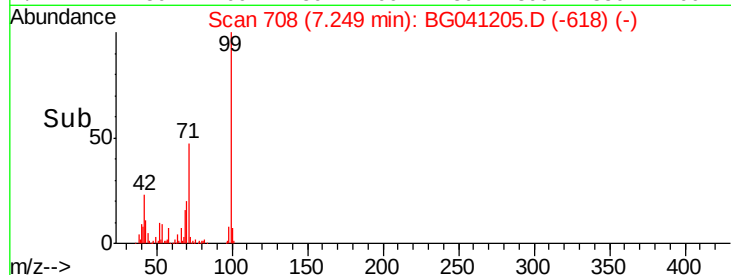
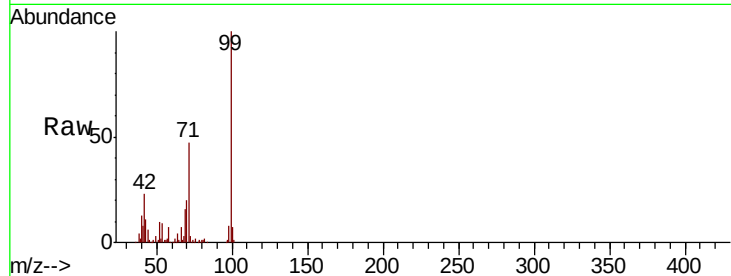
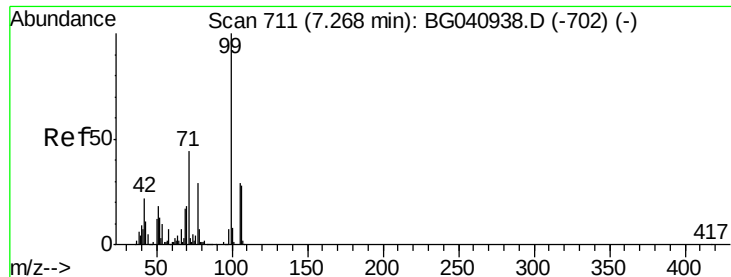


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 84.159 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

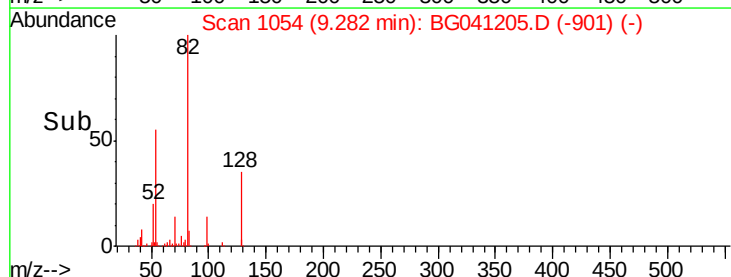
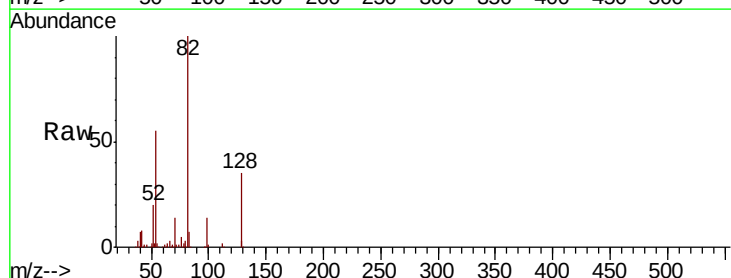
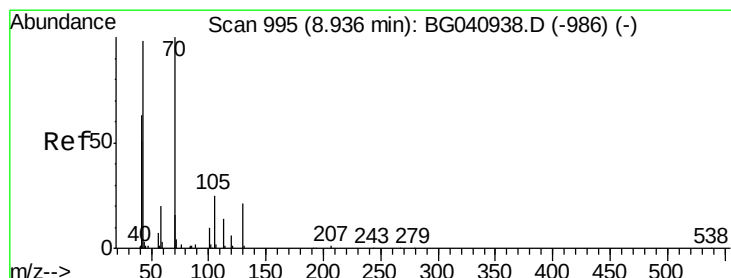
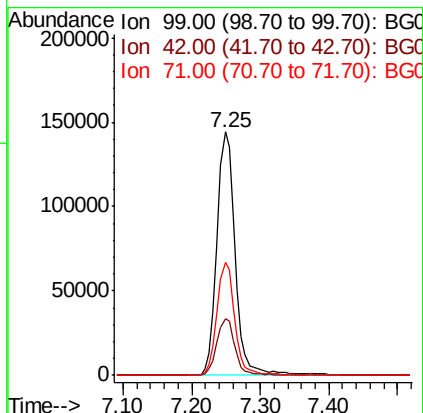
Tgt Ion: 99 Resp: 266954

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

71 46.6 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.151 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.37 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Tgt Ion: 70 Resp: 27220

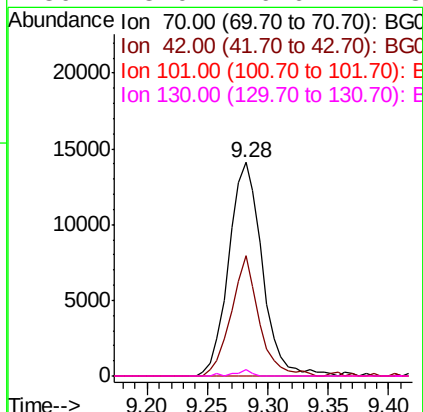
Ion Ratio Lower Upper

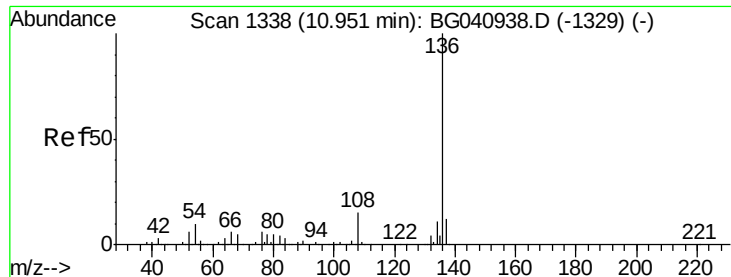
70 100

42 56.2 51.5 77.3

101 0.0 8.1 12.1#

130 3.0 16.6 24.8#

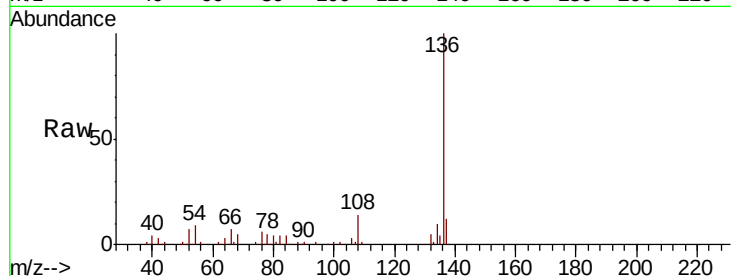




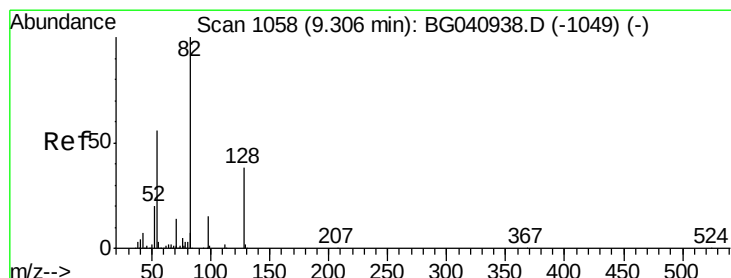
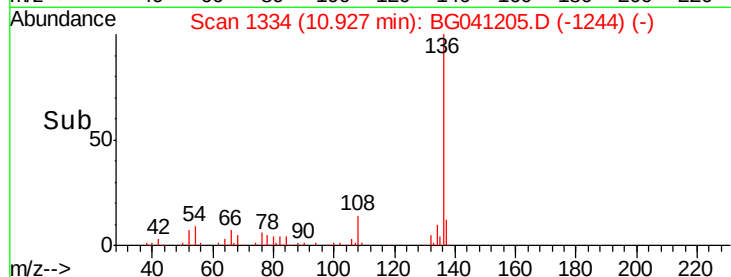
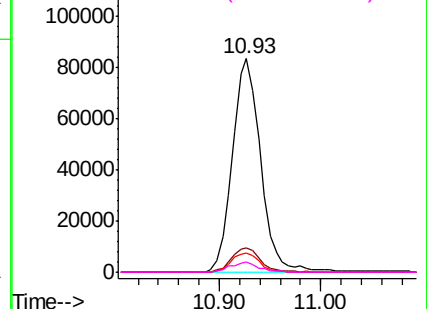
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041205.D
Acq: 12 Jun 2019 14:23

Instrument :
BNA_G
ClientSampleId :
200030-200034

Tgt Ion:	136	Resp:	161209
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	9.2	7.6	11.4
68	5.0	3.9	5.9

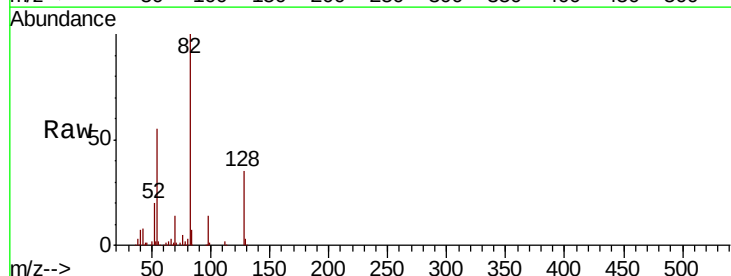


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

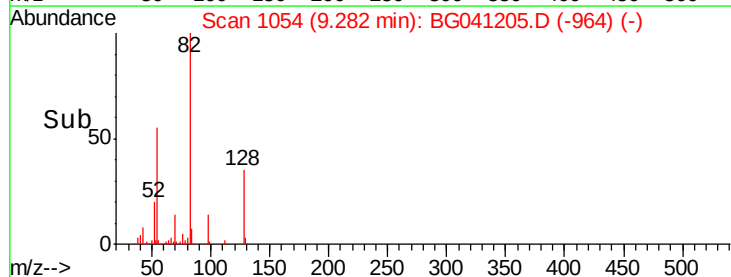
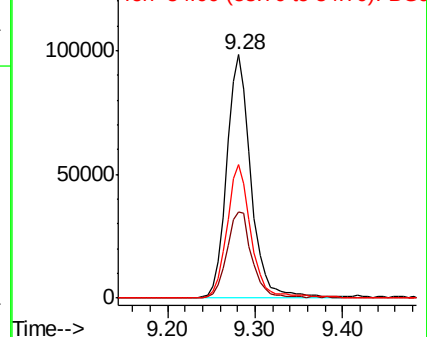


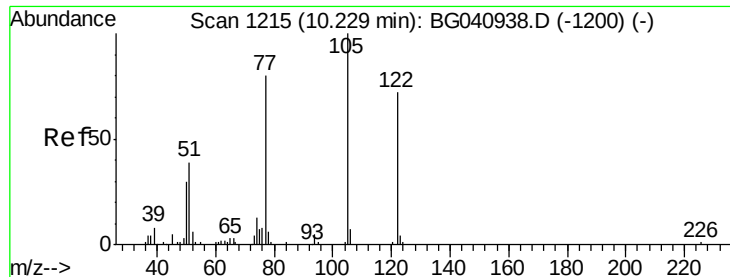
#23
Nitrobenzene-d5
Concen: 51.776 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041205.D
Acq: 12 Jun 2019 14:23

Tgt Ion:	82	Resp:	188017
Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.5	45.7
54	54.8	44.6	66.8



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

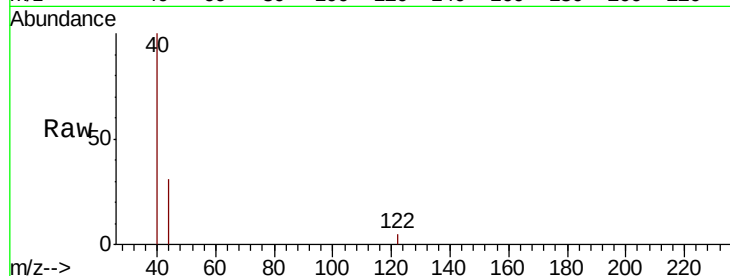




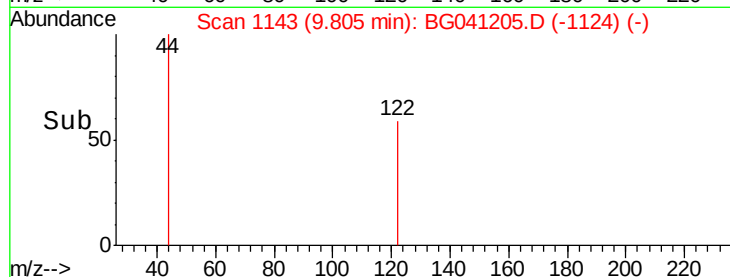
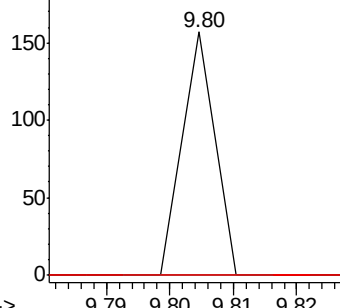
#32
Benzoic acid
Concen: 8.153 ng
RT: 9.80 min Scan# 1143
Delta R.T. -0.42 min
Lab File: BG041205.D
Acq: 12 Jun 2019 14:23

Instrument :
BNA_G
ClientSampleId :
200030-200034

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

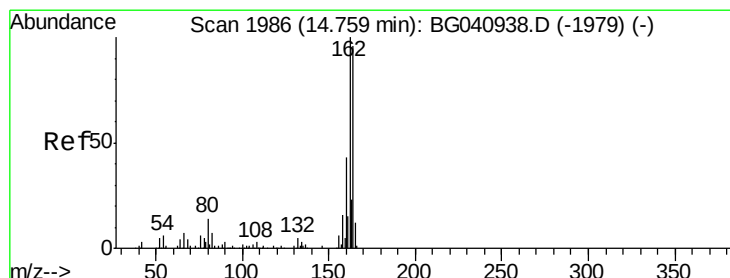


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

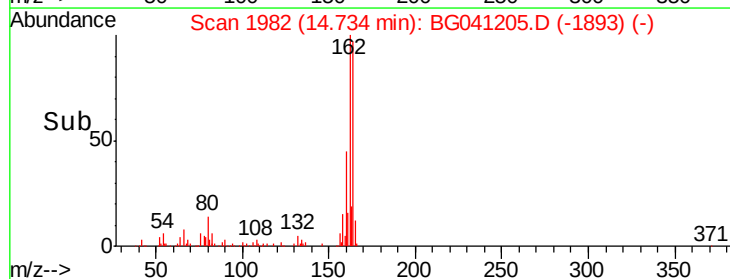
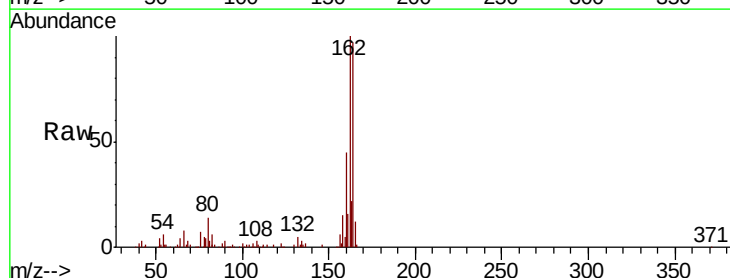
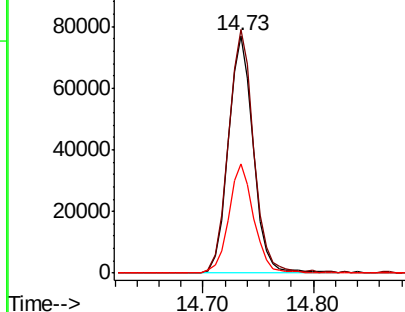


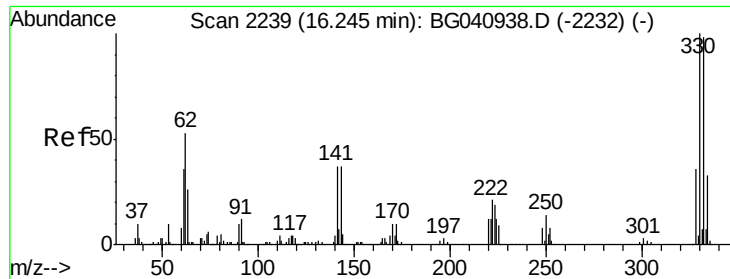
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041205.D
Acq: 12 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	46.2	35.6	53.4



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

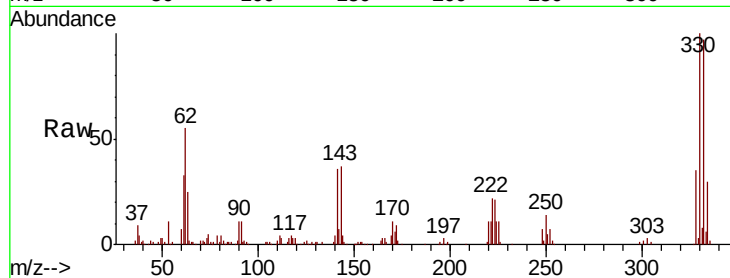




#42
 2,4,6-Tribromophenol
 Concen: 73.557 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.1	28.7	43.1

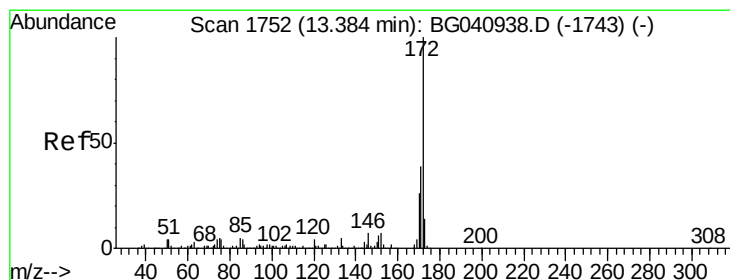
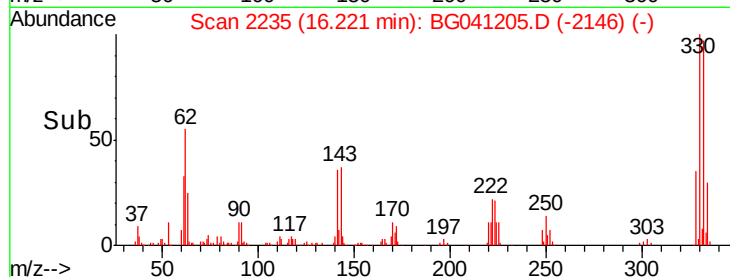
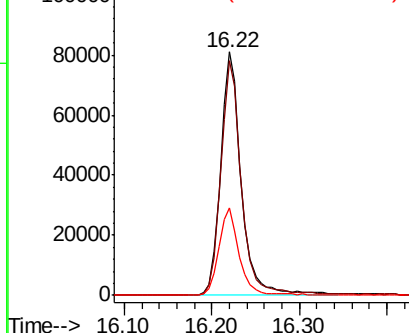


Abundance

Ion 329.80 (329.50 to 330.50): E

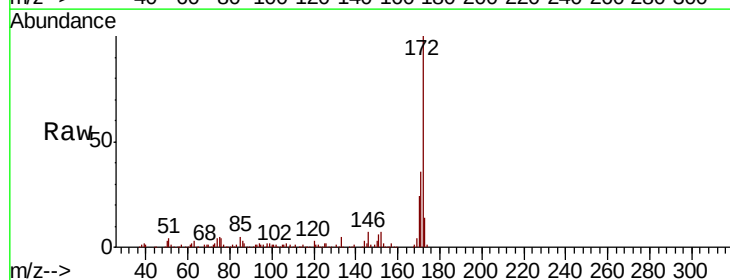
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 45.499 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.1	46.7
170	23.6	20.5	30.7

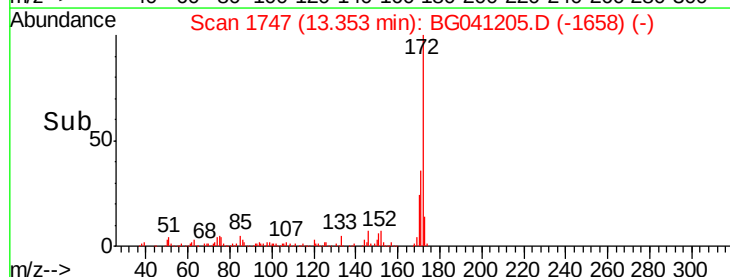
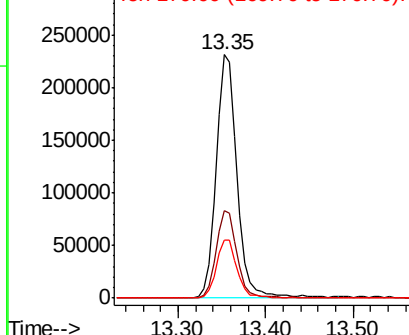


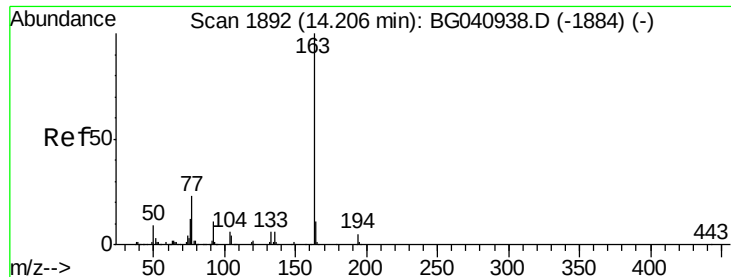
Abundance

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





#50

Dimethylphthalate

Concen: 3.979 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

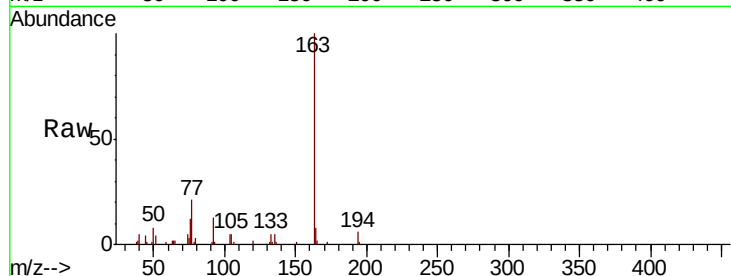
Tgt Ion:163 Resp: 40936

Ion Ratio Lower Upper

163 100

194 6.0 3.8 5.8#

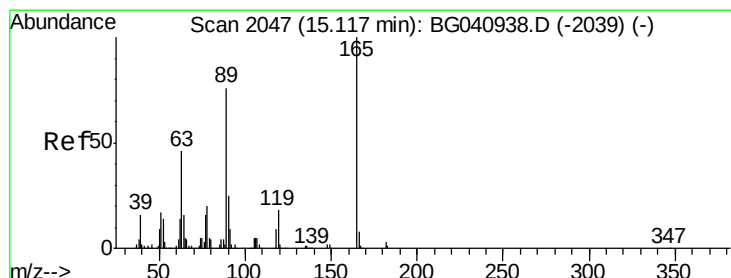
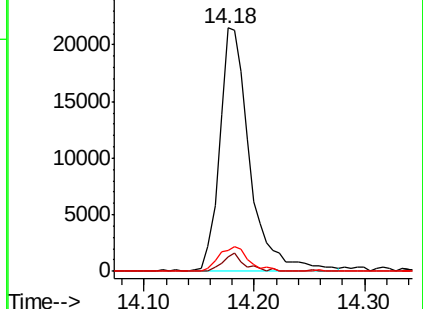
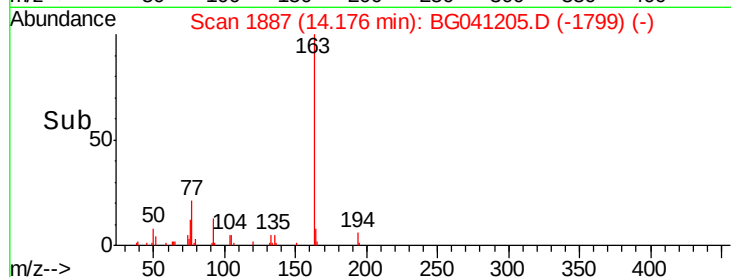
164 8.4 8.7 13.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 4.674 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.36 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Tgt Ion:165 Resp: 14647

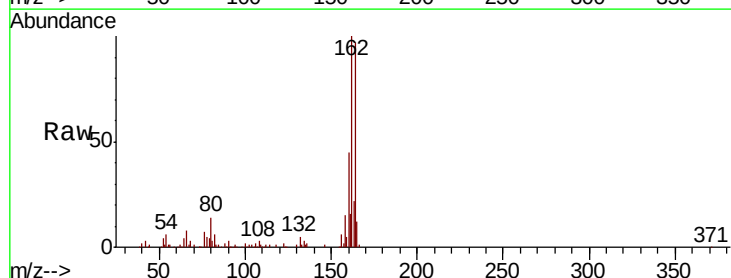
Ion Ratio Lower Upper

165 100

63 2.4 37.3 55.9#

89 1.8 61.0 91.6#

182 0.0 2.2 3.2#

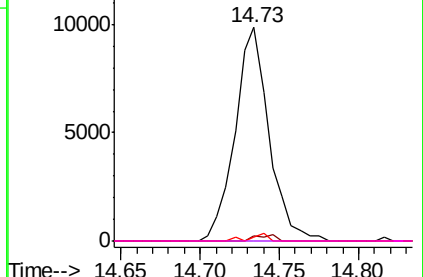
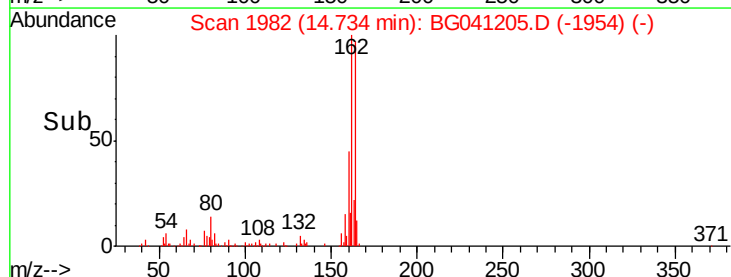


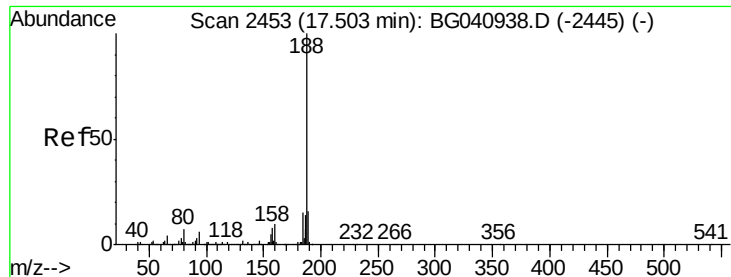
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

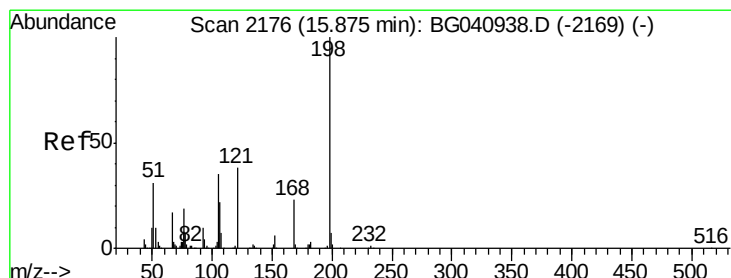
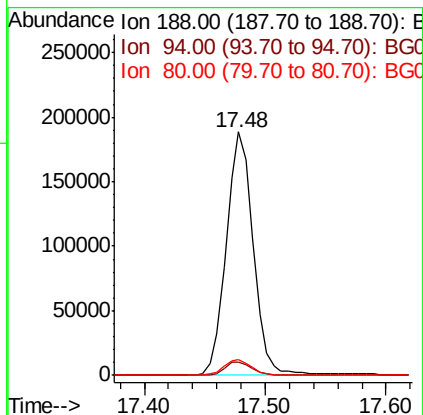
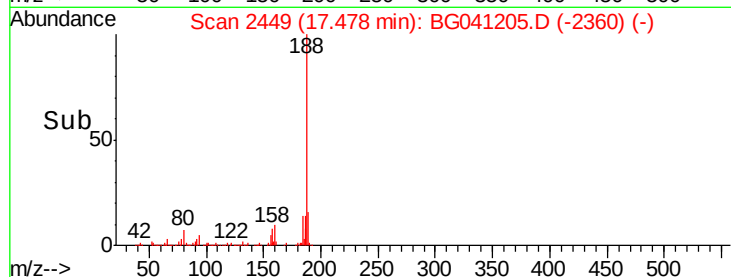
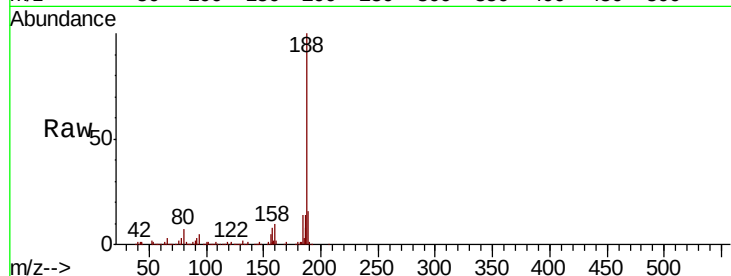
Tgt Ion:188 Resp: 293041

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

80 6.6 5.8 8.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.810 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.36 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

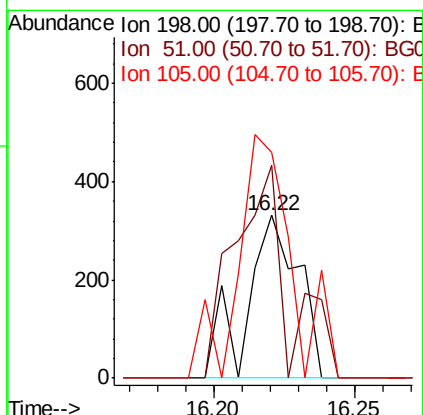
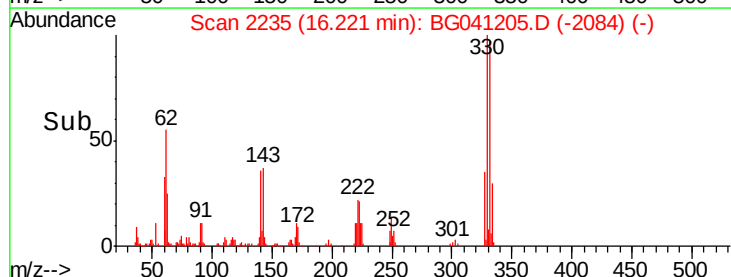
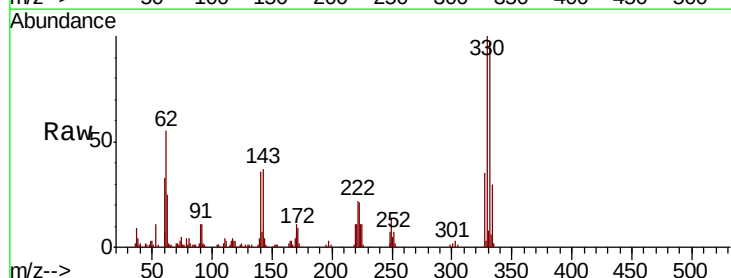
Tgt Ion:198 Resp: 422

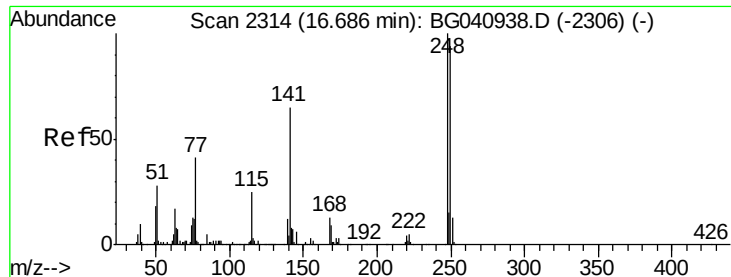
Ion Ratio Lower Upper

198 100

51 131.1 21.6 61.6#

105 139.0 17.5 57.5#

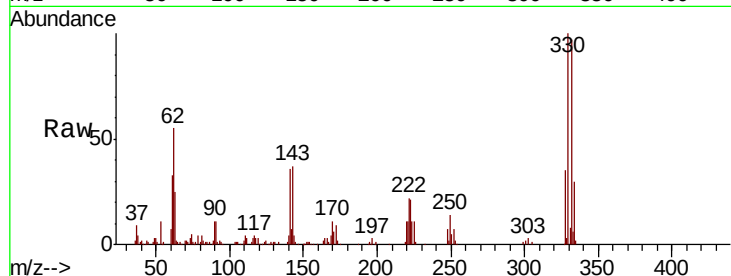




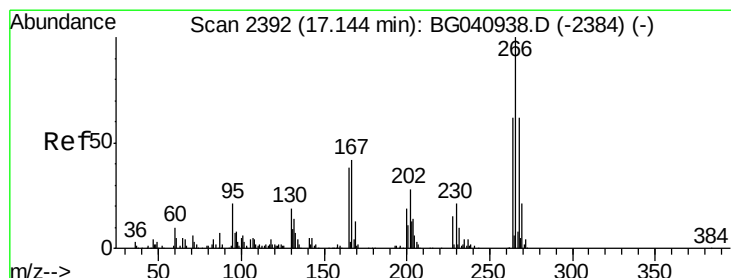
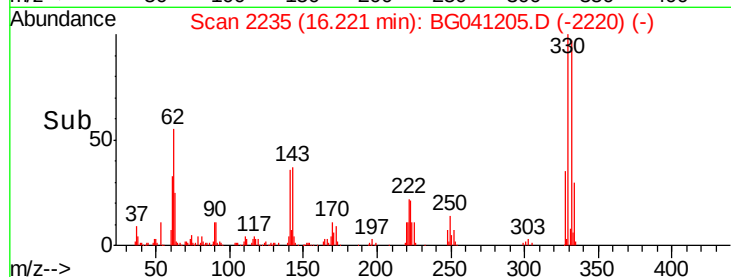
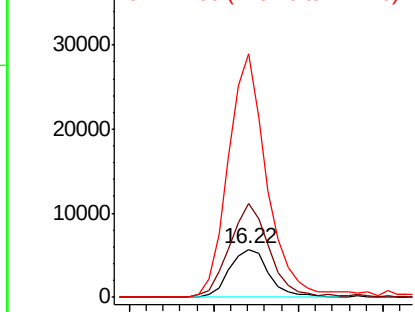
#67
 4-Bromophenyl-phenylether
 Concen: 2.363 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.44 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

Tgt Ion: 248 Resp: 9345
 Ion Ratio Lower Upper
 248 100
 250 203.9 75.0 112.4#
 141 387.8 52.4 78.6#

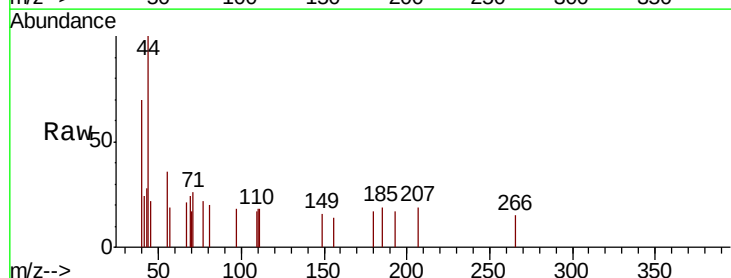


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

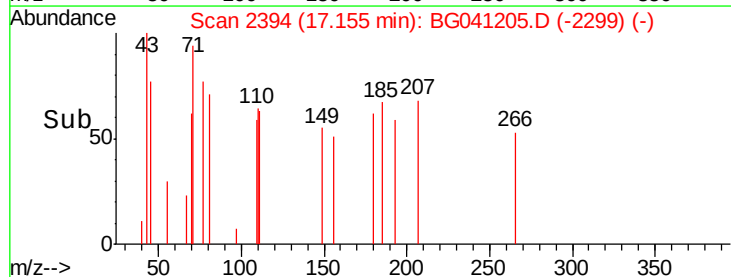
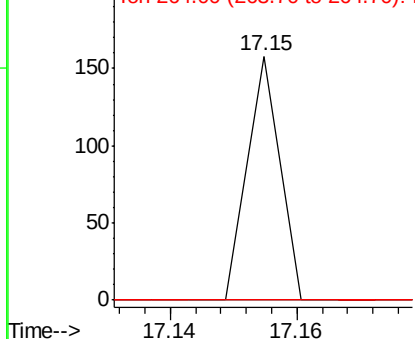


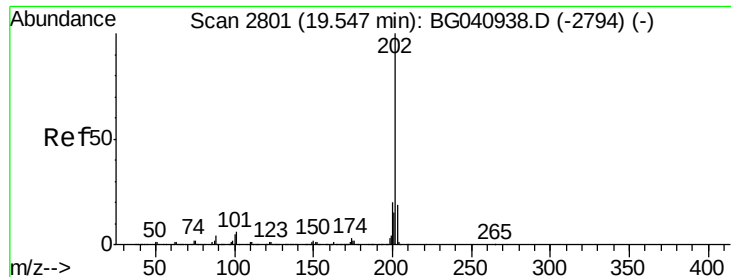
#70
 Pentachlorophenol
 Concen: 4.279 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. 0.03 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Tgt Ion: 266 Resp: 56
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.1 79.7#
 264 0.0 49.9 74.9#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#75

Fluoranthene

Concen: 2.525 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

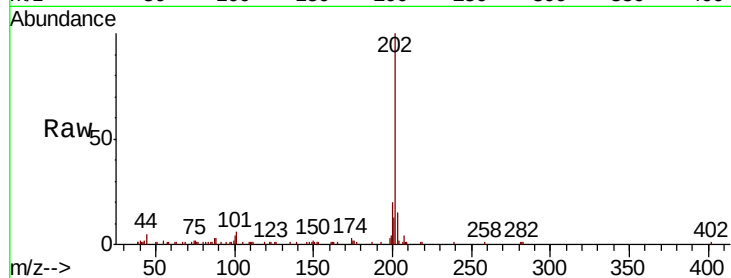
Tgt Ion:202 Resp: 47602

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.2

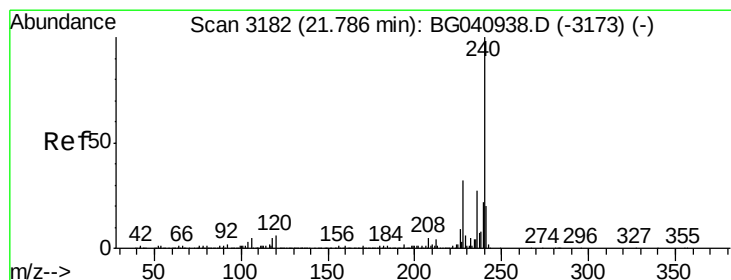
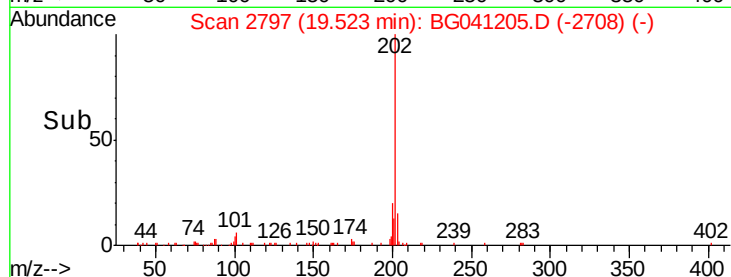
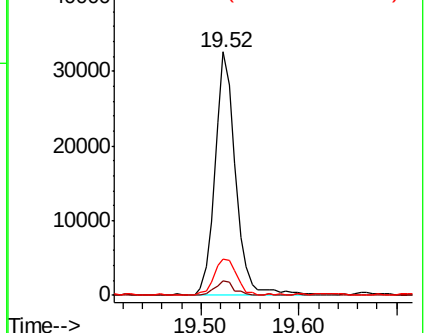
203 14.8 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

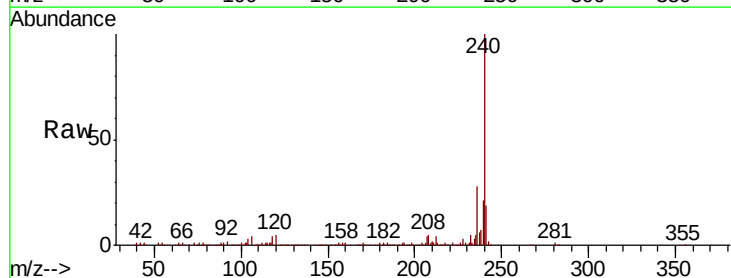
Tgt Ion:240 Resp: 287556

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7

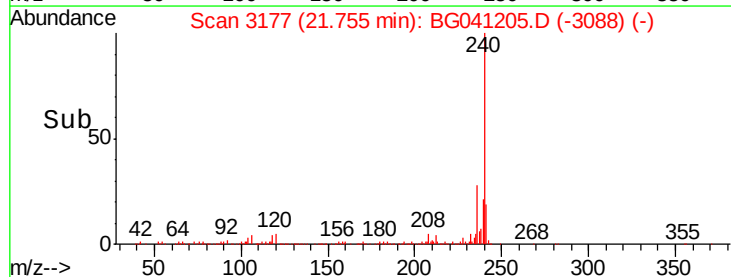
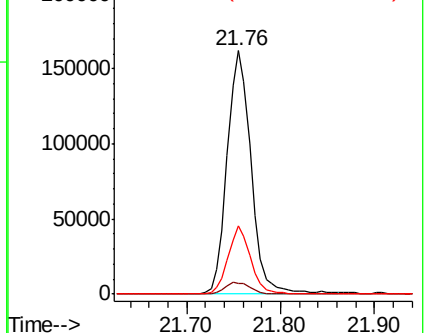
236 28.2 21.3 31.9

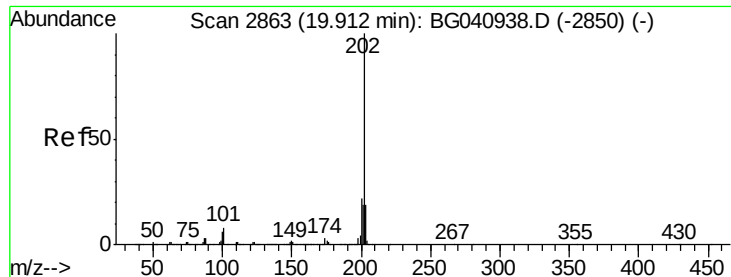


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

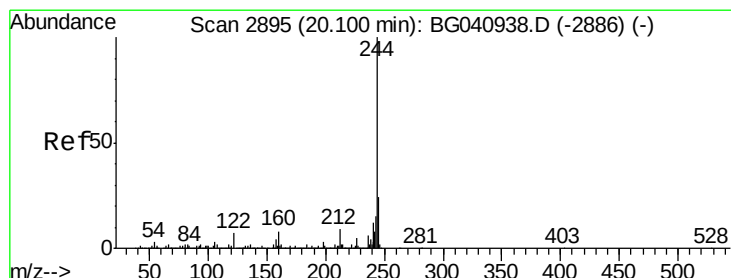
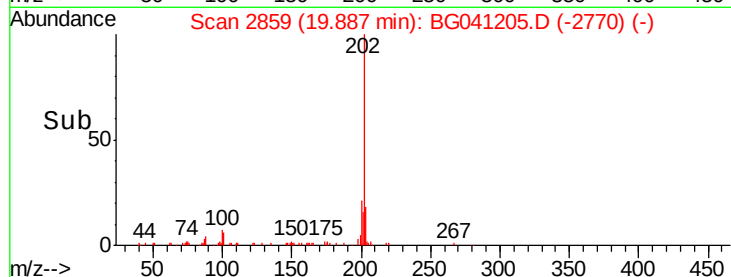
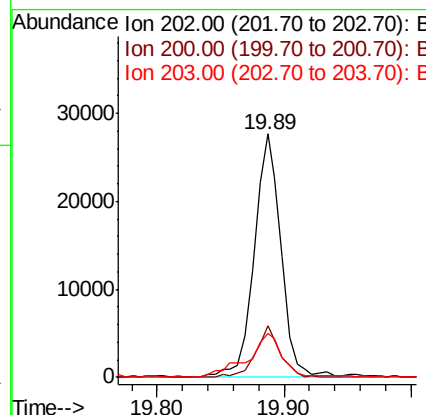
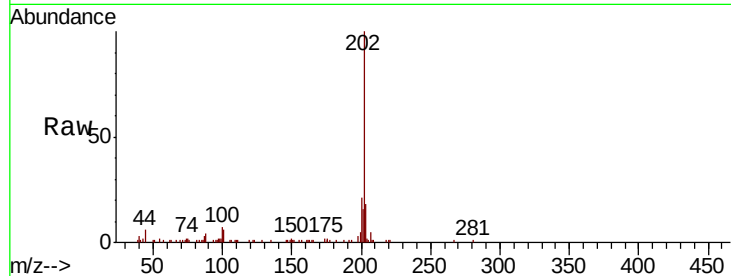




#78
 Pyrene
 Concen: 2.183 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

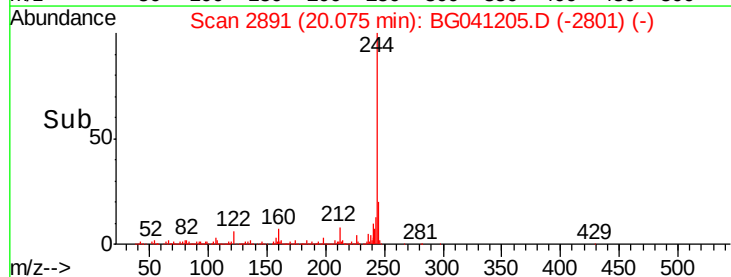
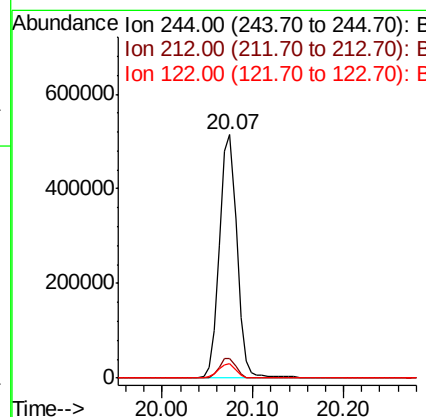
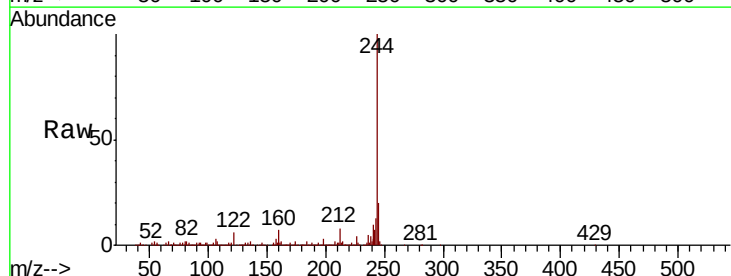
Instrument :
 BNA_G
 ClientSampleId :
 200030-200034

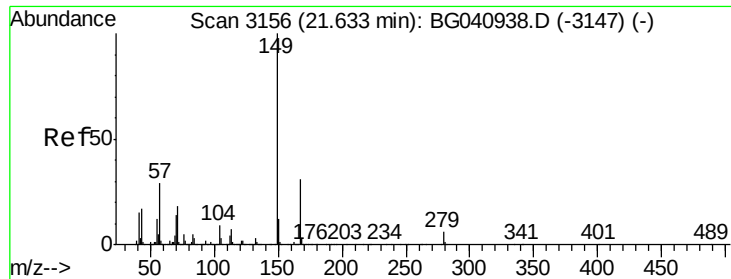
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	17.8	15.6	23.4



#79
 Terphenyl-d14
 Concen: 50.867 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041205.D
 Acq: 12 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	6.0	5.4	8.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.322 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

Instrument :

BNA_G

ClientSampleId :

200030-200034

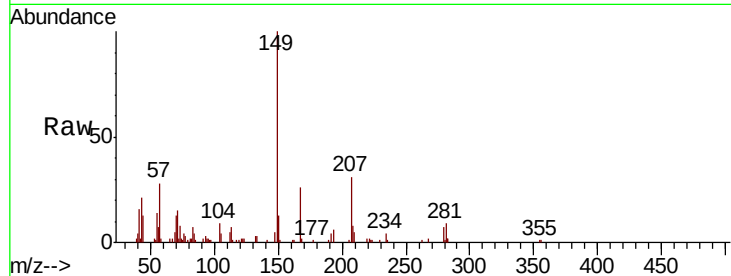
Tgt Ion:149 Resp: 23779

Ion Ratio Lower Upper

149 100

167 25.6 24.6 37.0

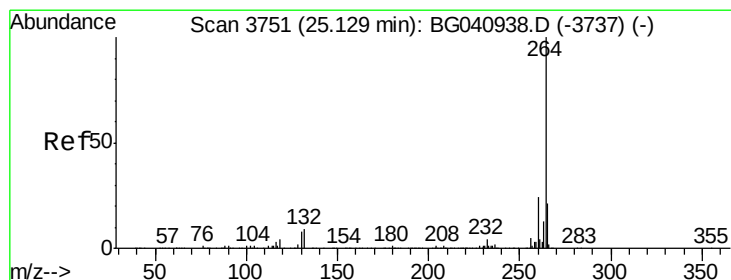
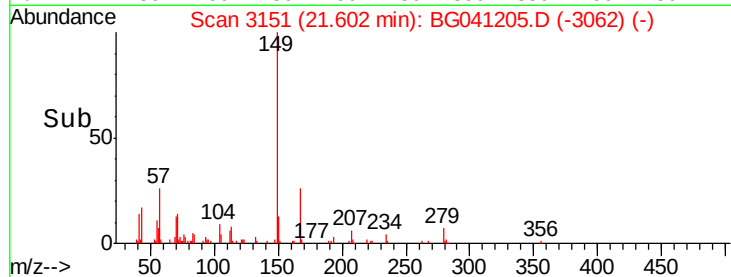
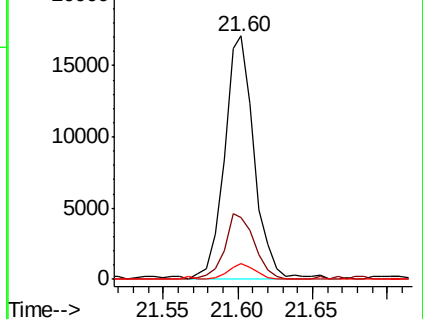
279 6.6 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041205.D

Acq: 12 Jun 2019 14:23

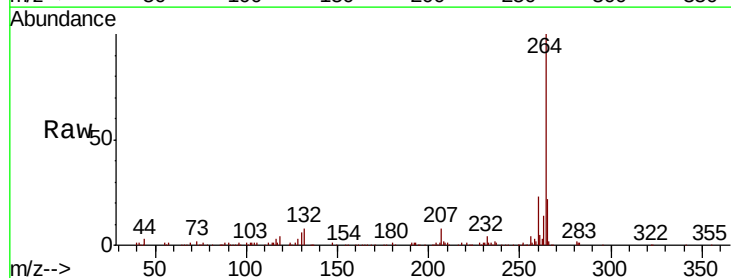
Tgt Ion:264 Resp: 294875

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.1 17.0 25.4



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

