

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041665.D
 Acq On : 16 Jul 2019 13:08
 Operator : HP/JU
 Sample : K3775-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-3-ROLL-OFF-DUMPSTER-3

Quant Time: Jul 17 02:16:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

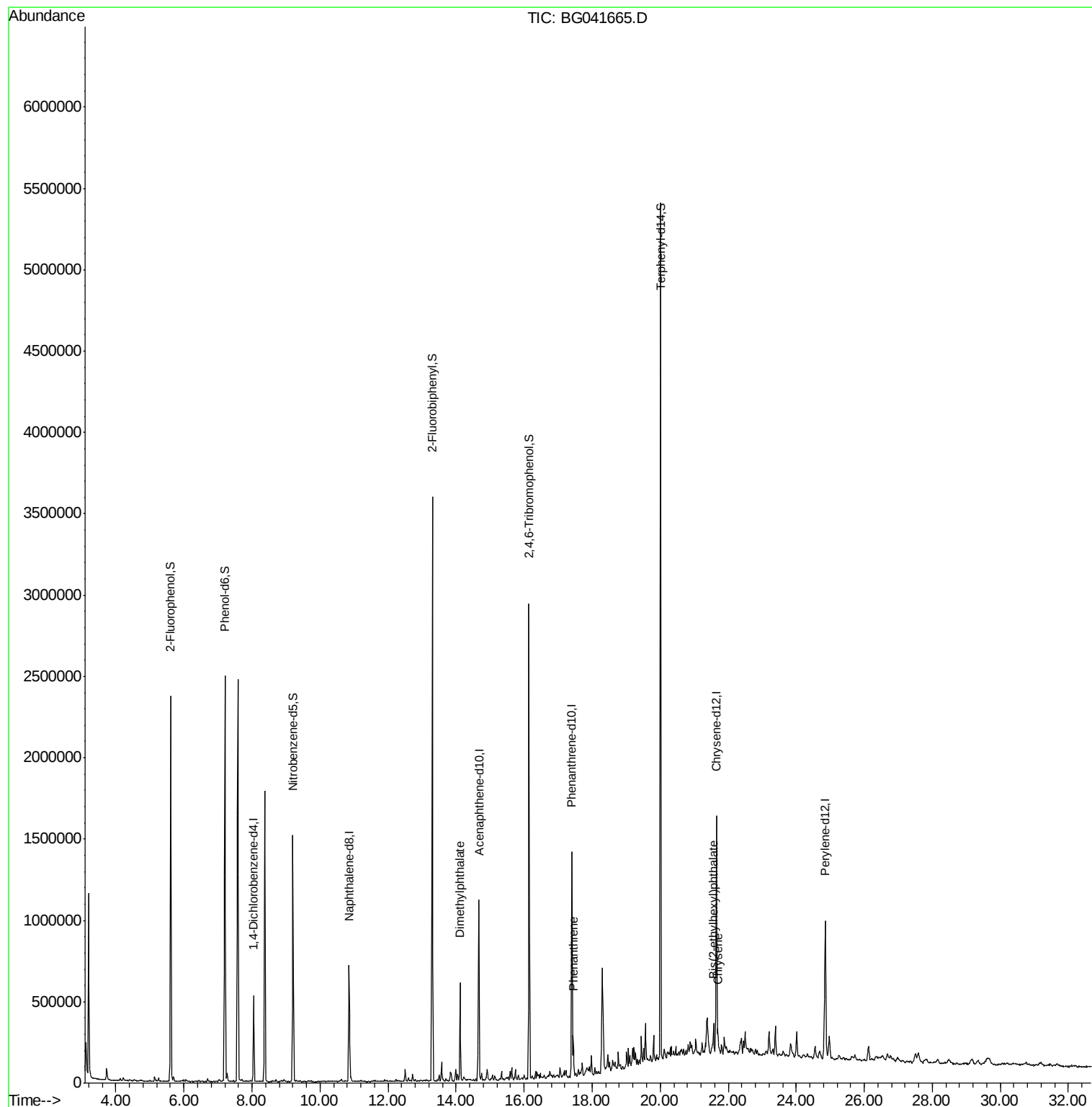
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	149738	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	634474	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	392578	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	867497	20.00	ng	0.00
76) Chrysene-d12	21.65	240	813273	20.00	ng	0.00
87) Perylene-d12	24.86	264	920814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	997252	108.87	ng	0.00
7) Phenol-d6	7.21	99	1426627	115.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	889734	85.28	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	529790	119.75	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1813604	71.54	ng	0.00
79) Terphenyl-d14	20.01	244	2251310	64.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	396285	12.853	ng	98
71) Phenanthrene	17.44	178	167575	3.836	ng	# 89
83) Chrysene	21.70	228	126272	2.515	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.57	149	68873	2.134	ng	# 89

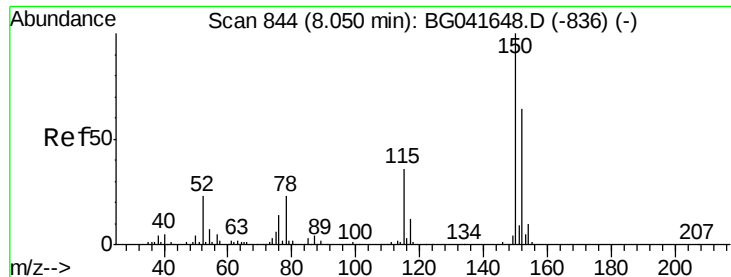
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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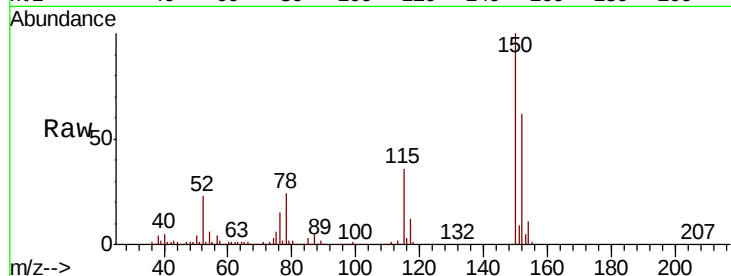


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041665.D
Acq: 16 Jul 2019 13:08

Instrument :
BNA_G
ClientSampleId :
D-3-ROLL-OFF-DUMPSTER-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.9	190.3
115	57.6	45.0	67.6

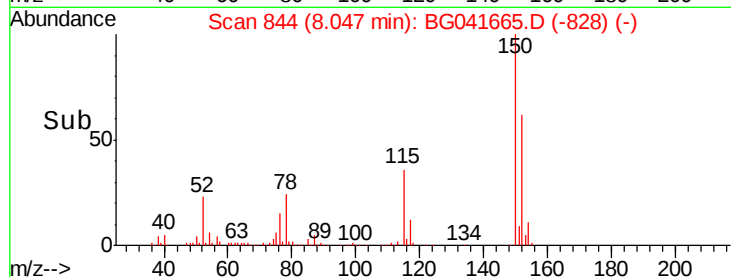
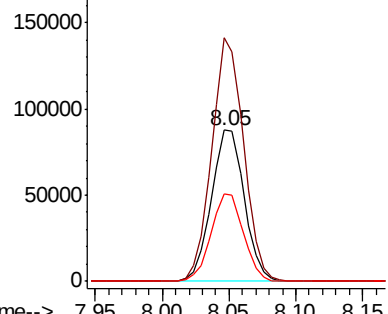


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

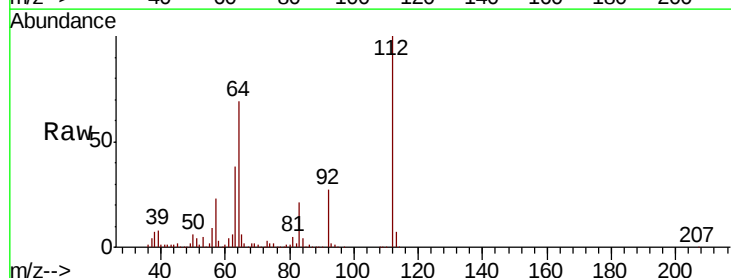
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.874 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041665.D
Acq: 16 Jul 2019 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	55.4	83.2
63	37.7	29.1	43.7

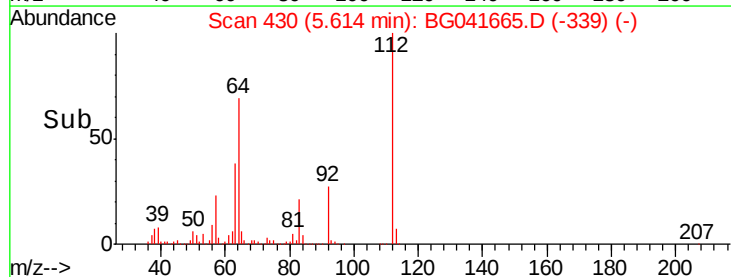
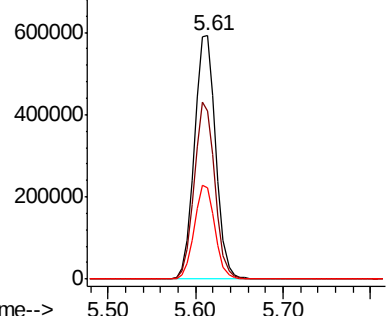


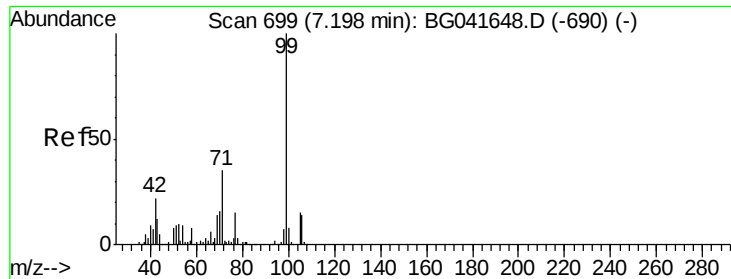
Abundance

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: 115.796 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

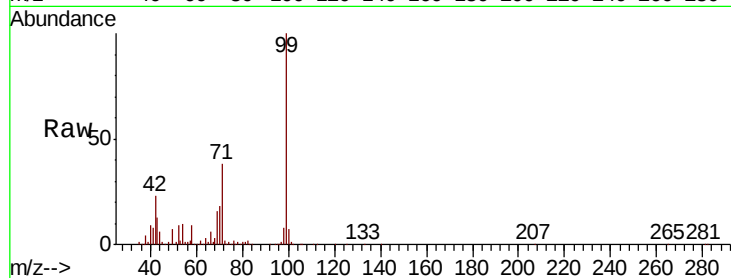
Tot Ion: 99 Resp: 1426627

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.6	26.4
71	38.1	27.8	41.6

99 100

42 22.8 17.6 26.4

71 38.1 27.8 41.6

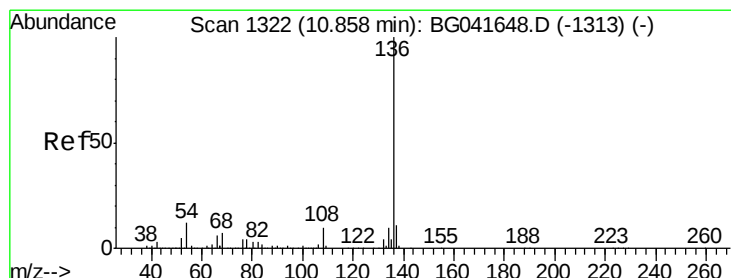
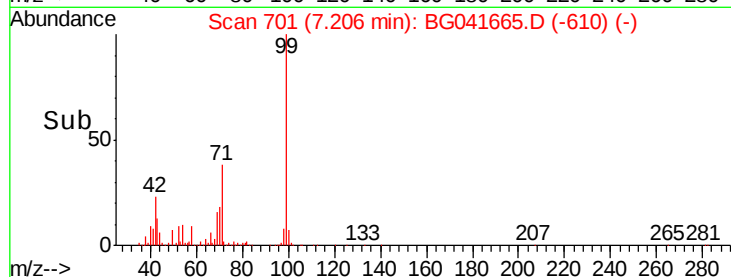
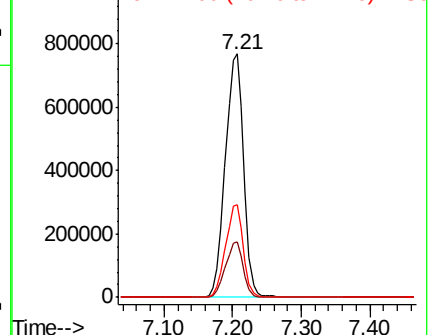


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

Tgt Ion: 136 Resp: 634474

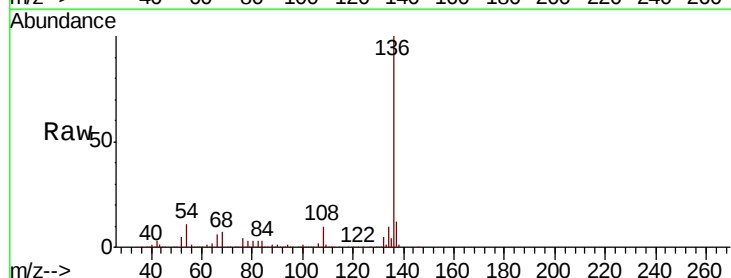
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	11.0	8.7	13.1
68	6.6	5.5	8.3

136 100

137 11.6 9.2 13.8

54 11.0 8.7 13.1

68 6.6 5.5 8.3



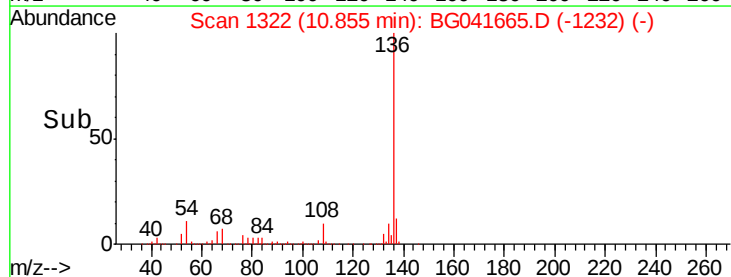
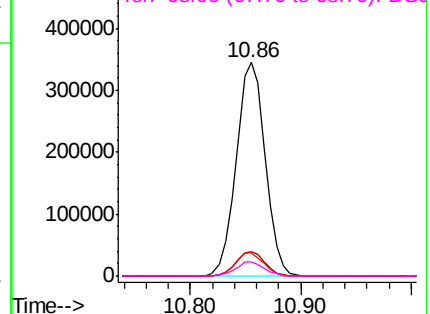
Abundance

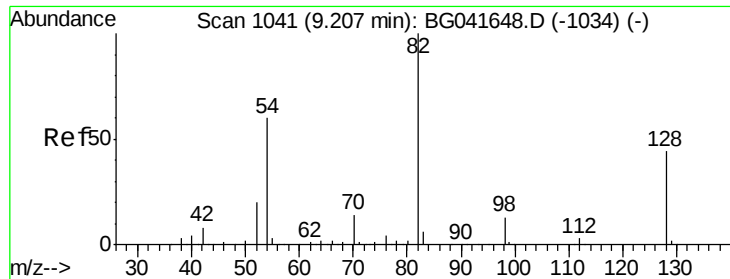
Ion 136.00 (135.70 to 136.70): BGC

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

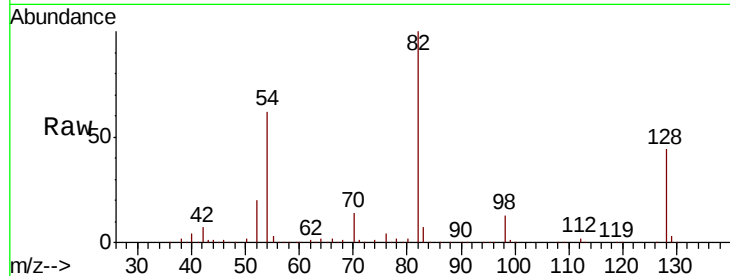




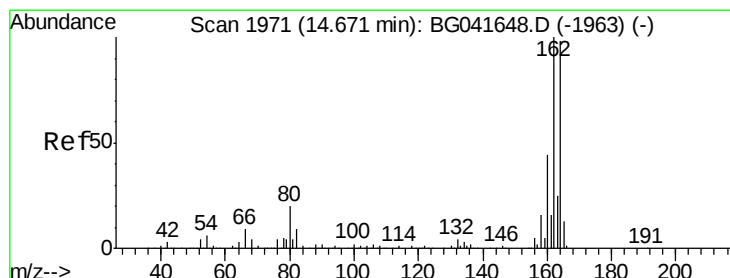
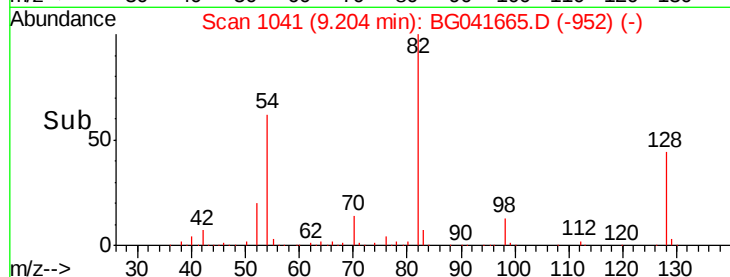
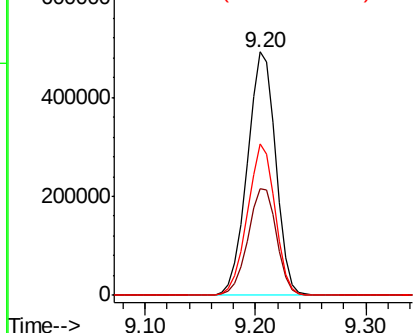
#23
 Nitrobenzene-d5
 Concen: 85.282 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041665.D
 Acq: 16 Jul 2019 13:08

Instrument :
 BNA_G
 ClientSampleId :
 D-3-ROLL-OFF-DUMPSTER-3

Tot Ion: 82 Resp: 889734
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.1 52.7
 54 62.2 48.7 73.1

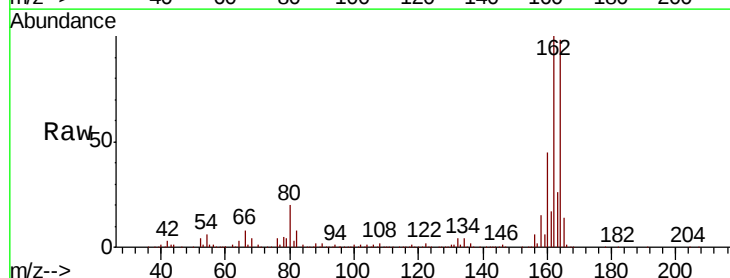


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

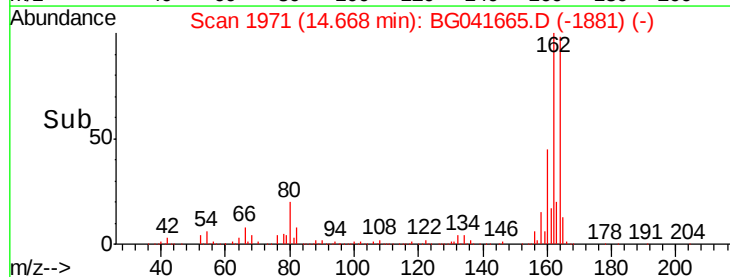
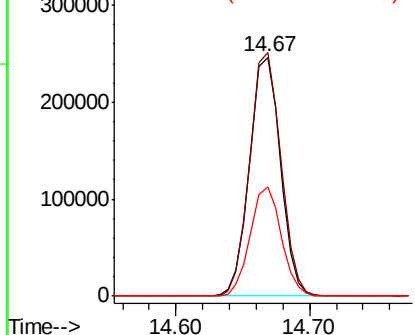


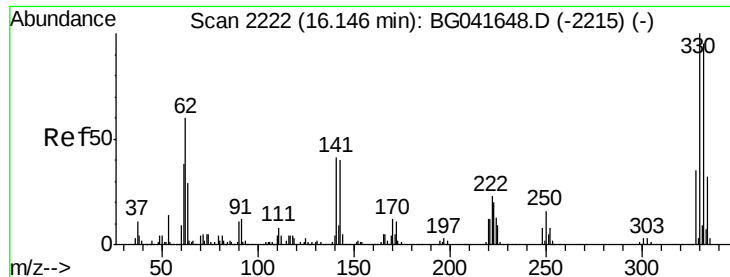
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG041665.D
 Acq: 16 Jul 2019 13:08

Tgt Ion: 164 Resp: 392578
 Ion Ratio Lower Upper
 164 100
 162 101.9 79.6 119.4
 160 45.8 35.4 53.0



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

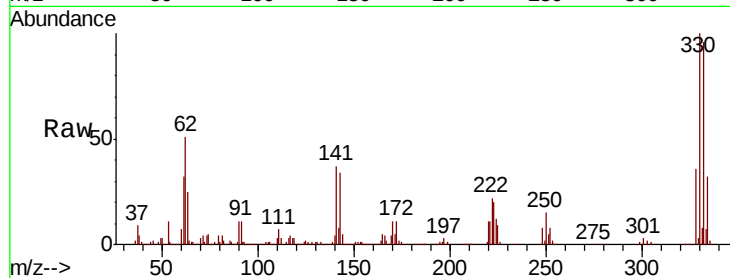




#42
 2,4,6-Tribromophenol
 Concen: 119.746 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041665.D
 Acq: 16 Jul 2019 13:08

Instrument :
 BNA_G
 ClientSampleId :
 D-3-ROLL-OFF-DUMPSTER-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	39.1	31.9	47.9

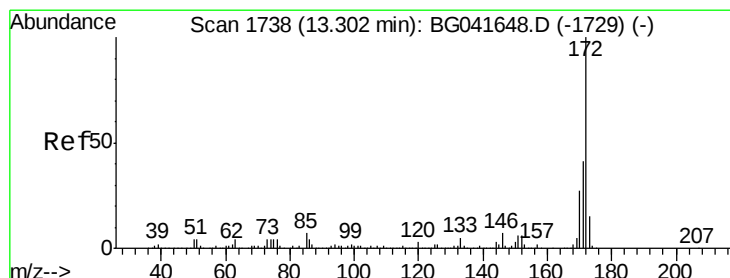
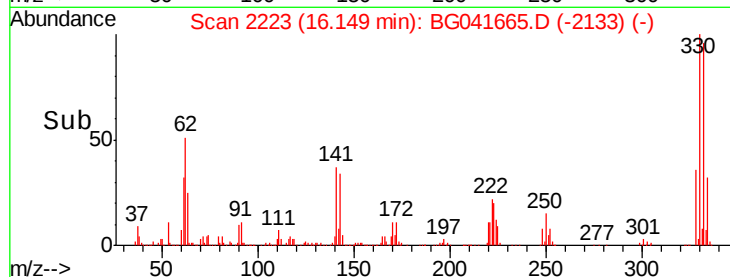
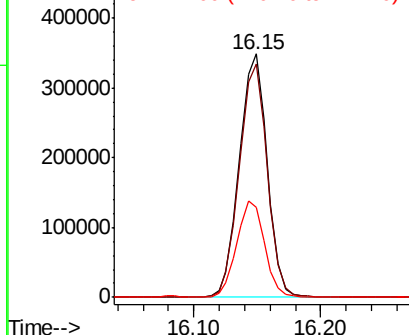


Abundance

Ion 329.80 (329.50 to 330.50): E

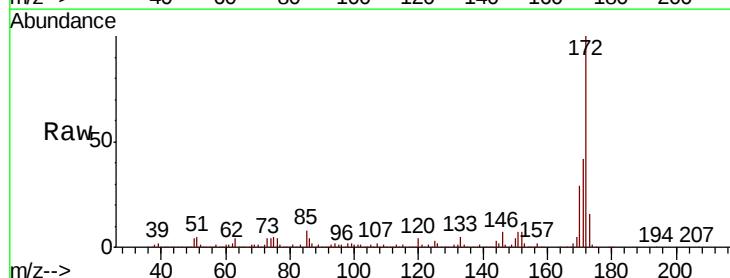
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.536 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041665.D
 Acq: 16 Jul 2019 13:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.3	35.0	52.4
170	28.7	23.5	35.3

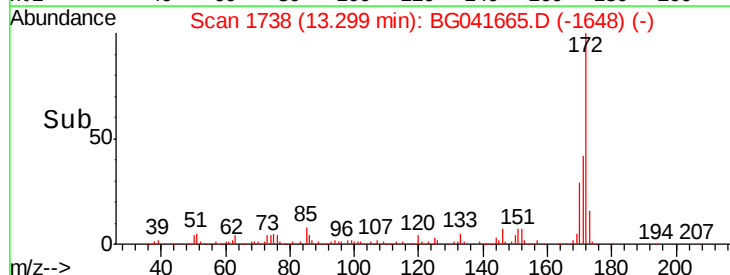
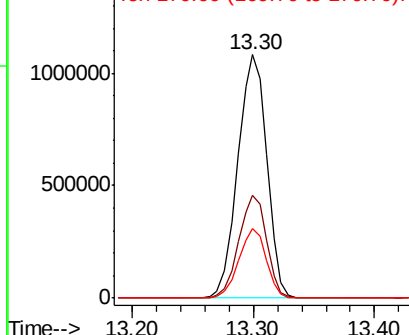


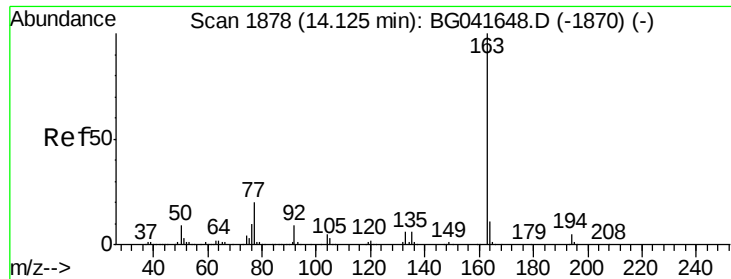
Abundance

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: 12.853 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

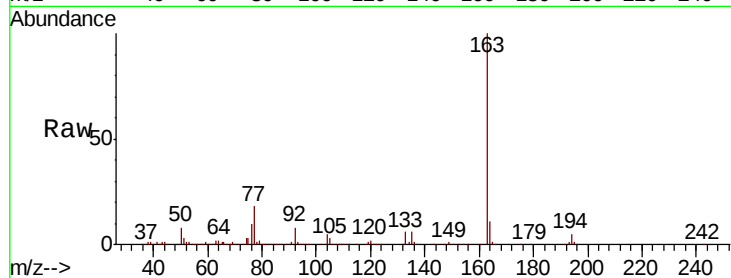
Tot Ion:163 Resp: 396285

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

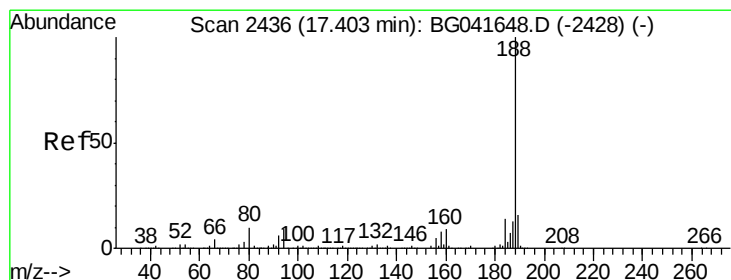
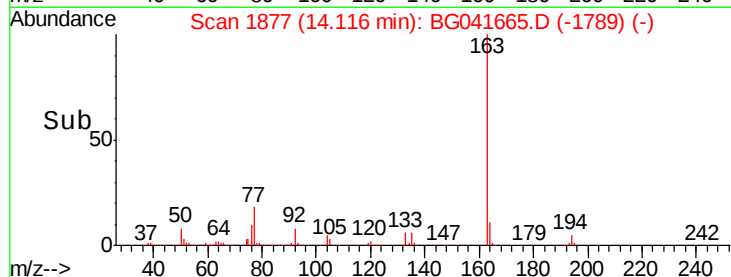
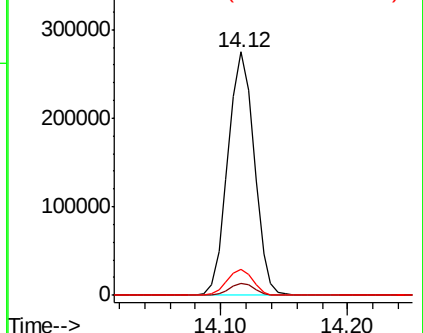
164 10.6 9.4 14.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

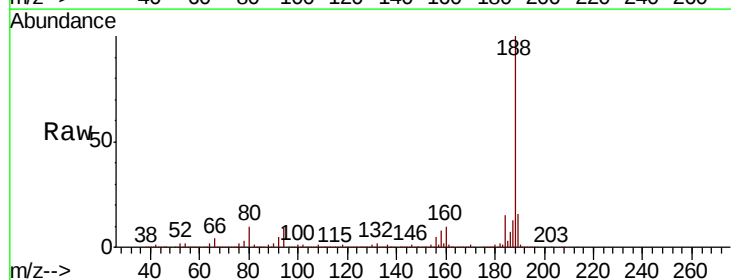
Tgt Ion:188 Resp: 867497

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

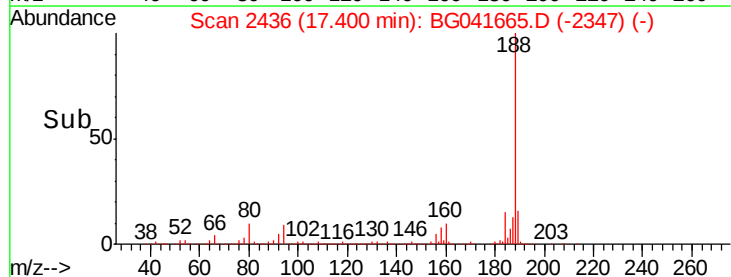
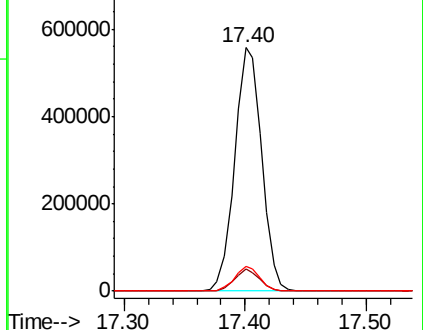
80 10.0 8.0 12.0

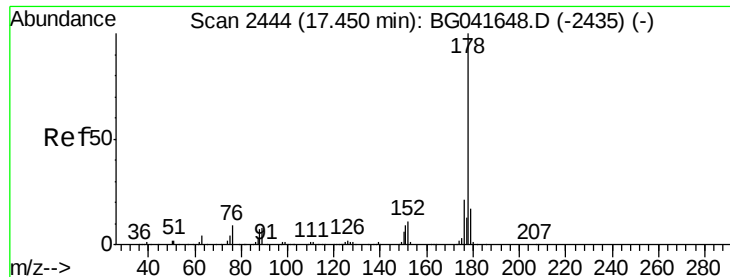


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 3.836 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

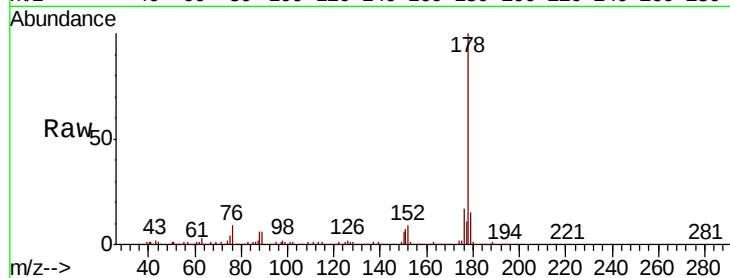
Tot Ion:178 Resp: 167575

Ion Ratio Lower Upper

178 100

176 17.0 18.6 28.0#

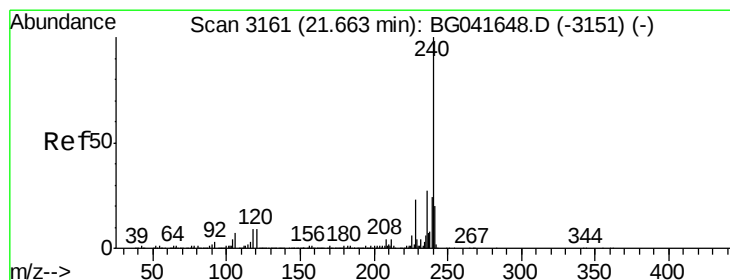
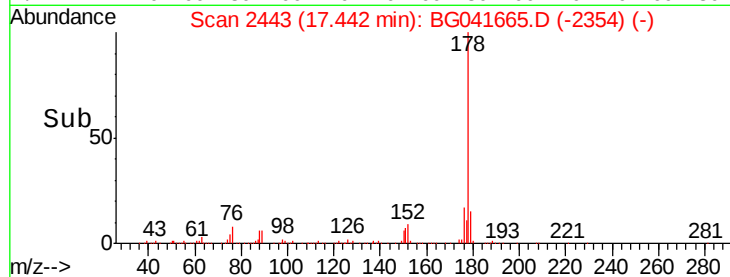
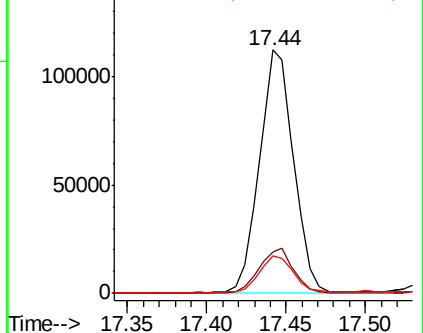
179 15.3 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

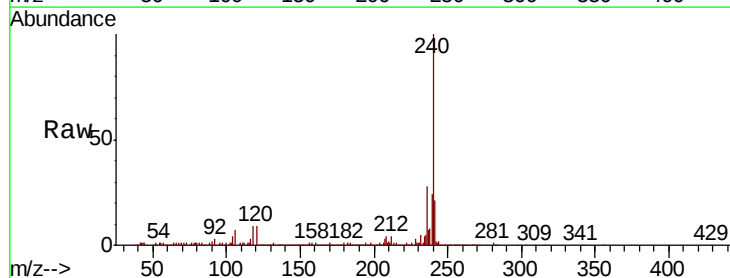
Tgt Ion:240 Resp: 813273

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

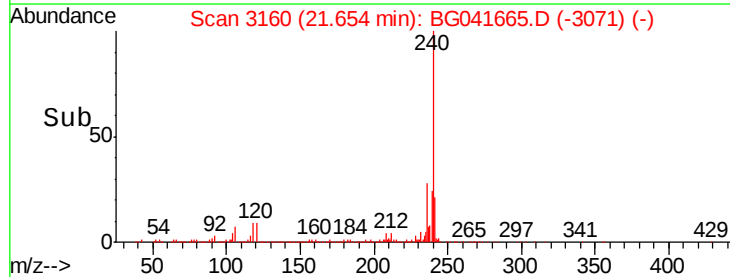
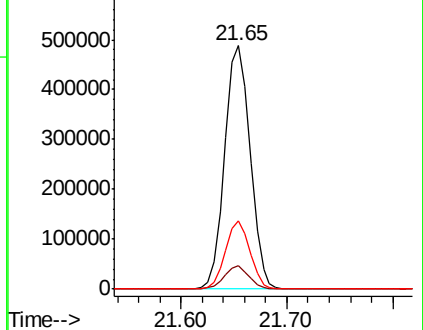
236 28.2 22.6 33.8

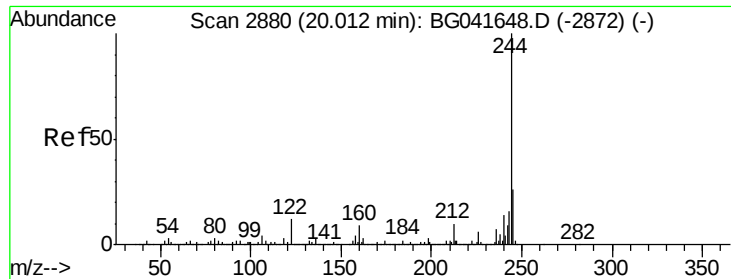


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.690 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

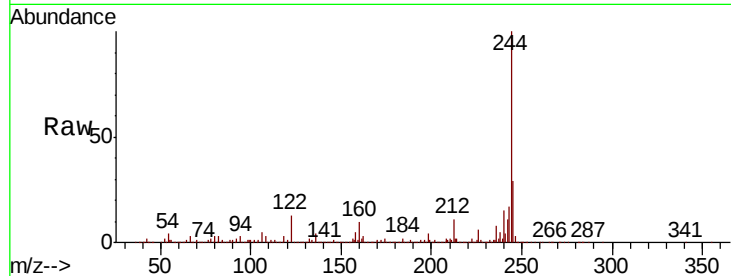
Tot Ion:244 Resp: 2251310

Ion Ratio Lower Upper

244 100

212 10.7 9.7 14.5

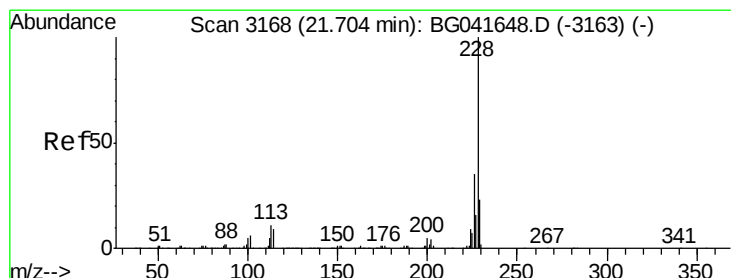
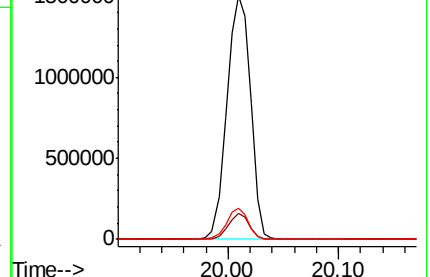
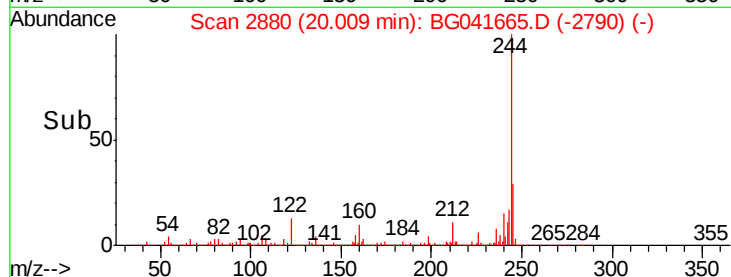
122 13.0 12.5 18.7



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



#83

Chrysene

Concen: 2.515 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

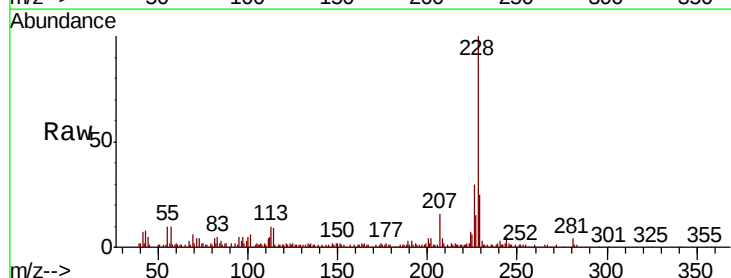
Tgt Ion:228 Resp: 126272

Ion Ratio Lower Upper

228 100

226 29.7 30.1 45.1#

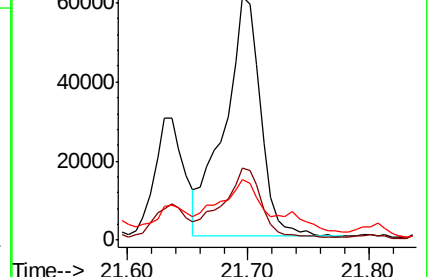
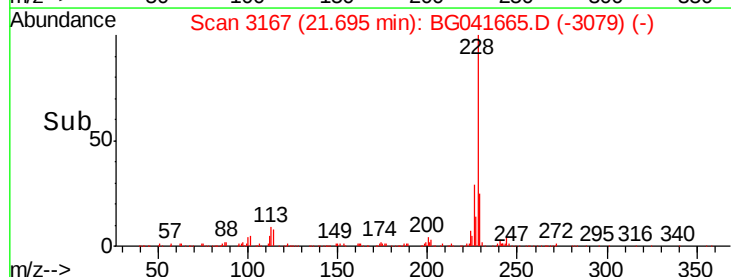
229 25.1 19.8 29.6

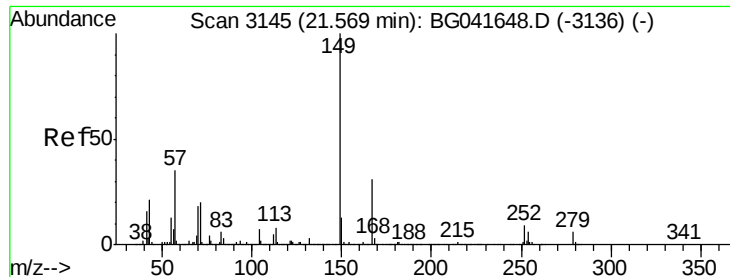


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.134 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

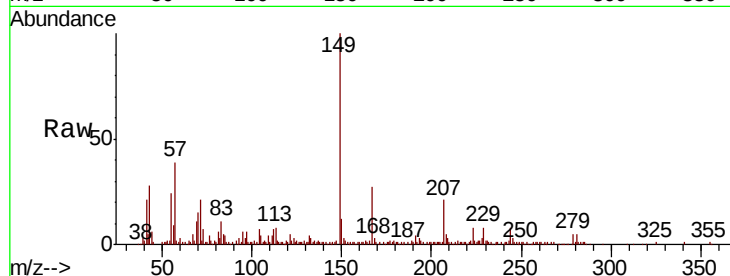
Tot Ion:149 Resp: 68873

Ion Ratio Lower Upper

149 100

167 26.6 27.0 40.4#

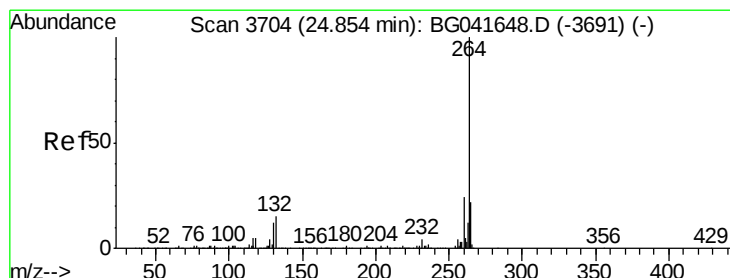
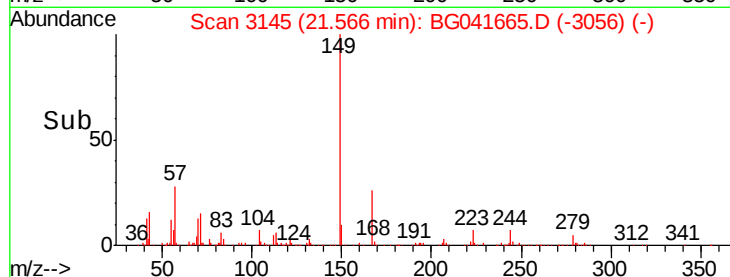
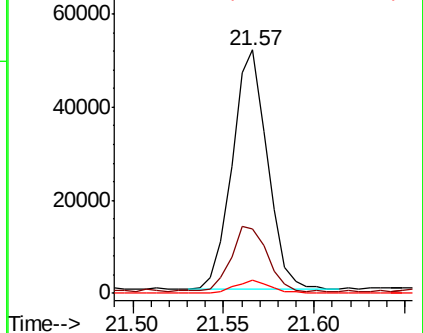
279 5.4 5.0 7.6



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG041665.D

Acq: 16 Jul 2019 13:08

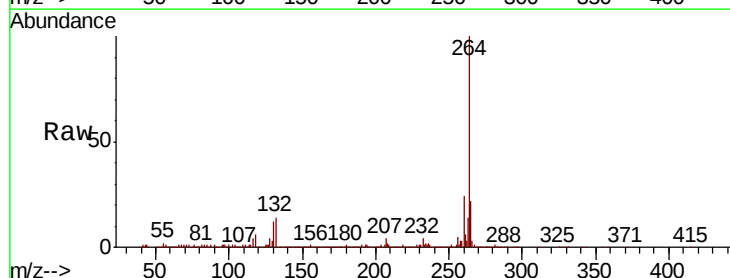
Tgt Ion:264 Resp: 920814

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.4 18.0 27.0



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

