

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045939.D
 Acq On : 3 Jul 2020 8:47
 Operator : CG/JU
 Sample : L3171-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Jul 04 00:13:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	44442	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	172933	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	121104	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	287775	20.00	ng	0.00
76) Chrysene-d12	21.51	240	329045	20.00	ng	-0.01
86) Perylene-d12	24.59	264	339689	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	306171	116.38	ng	-0.01
7) Phenol-d6	7.07	99	404719	101.13	ng	0.00
23) Nitrobenzene-d5	9.02	82	353387	93.35	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	269746	147.53	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	787644	95.58	ng	0.00
79) Terphenyl-d14	19.89	244	1528782	94.16	ng	0.00

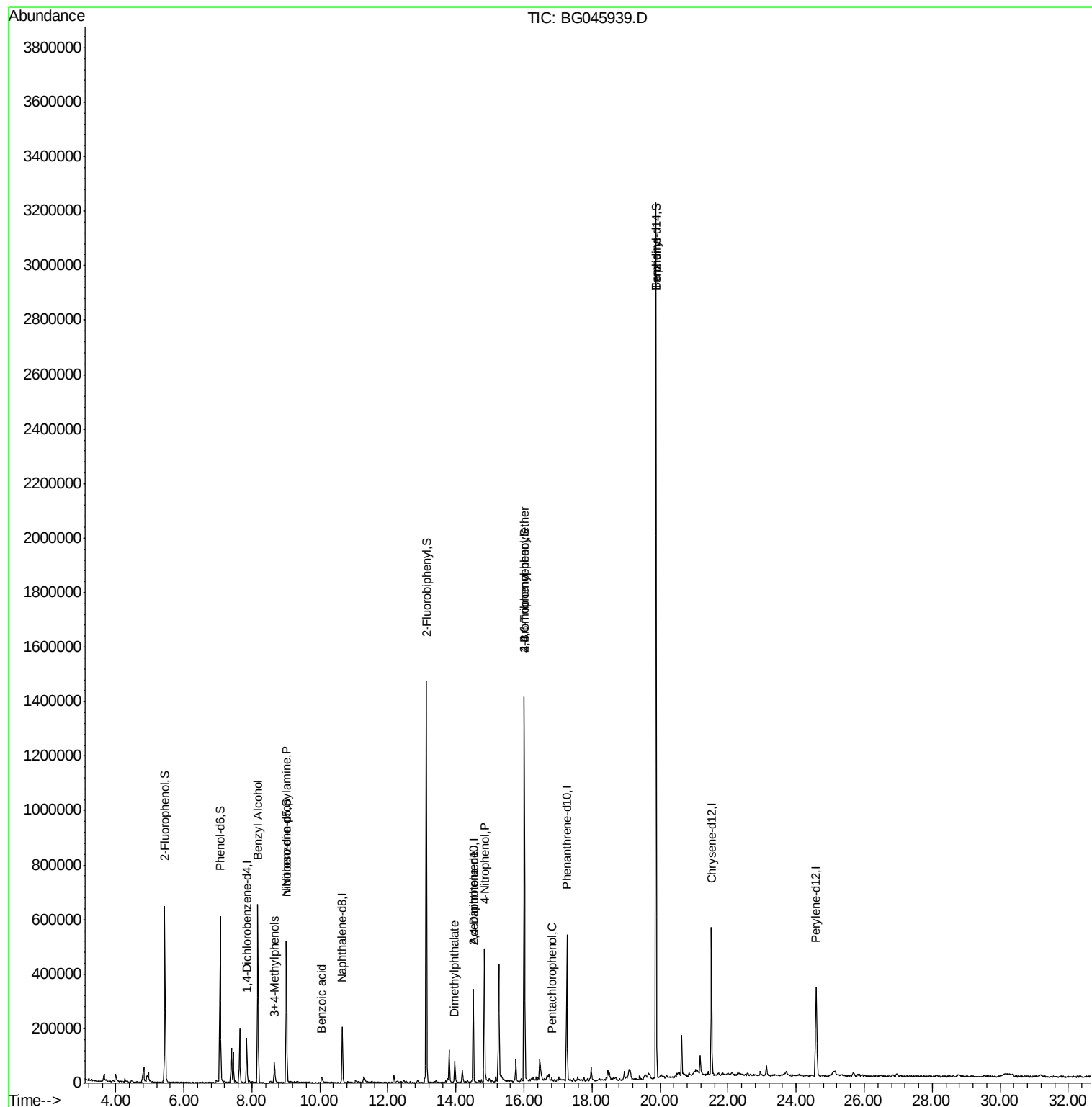
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.17	79	6533	2.110	ng	# 70
19) n-Nitroso-di-n-propylamine	9.02	70	50184	19.074	ng	# 74
20) 3+4-Methylphenols	8.66	107	40880	10.772	ng	# 56
32) Benzoic acid	10.04	122	1447	9.684	ng	# 74
50) Dimethylphthalate	13.96	163	47158	4.971	ng	# 98
56) 4-Nitrophenol	14.84	139	130	4.054	ng	# 1
57) 2,4-Dinitrotoluene	14.51	165	16093	5.271	ng	# 24
67) 4-Bromophenyl-phenylether	16.01	248	18569	4.966	ng	# 1
70) Pentachlorophenol	16.83	266	56	7.659	ng	# 20
77) Benzidine	19.89	184	29577	3.458	ng	# 91

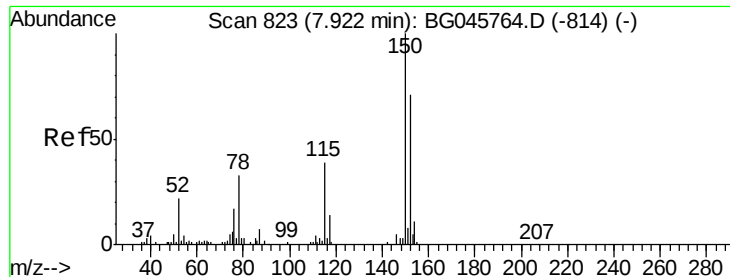
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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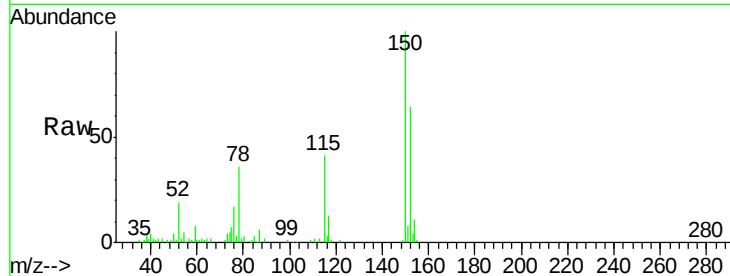


#1

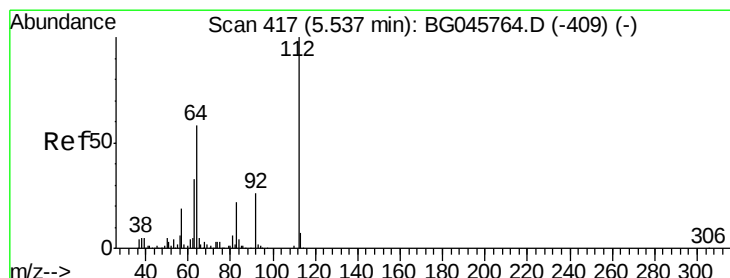
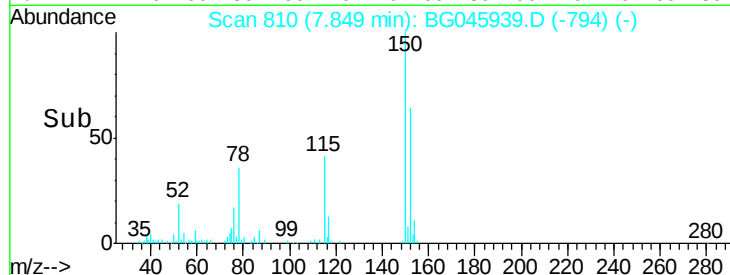
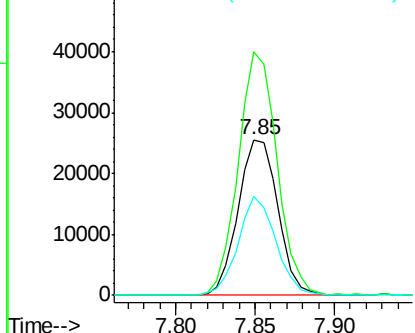
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion:152 Resp: 44442
Ion Ratio Lower Upper
152 100
150 156.4 124.5 186.7
115 63.9 45.8 68.8



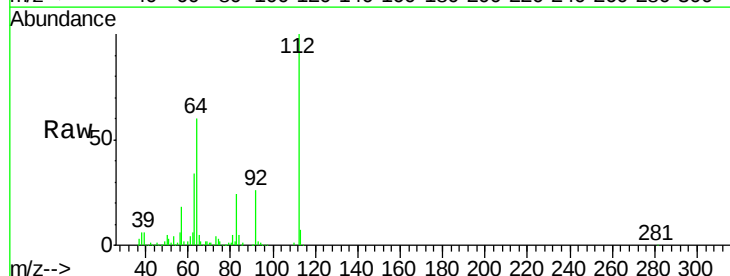
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



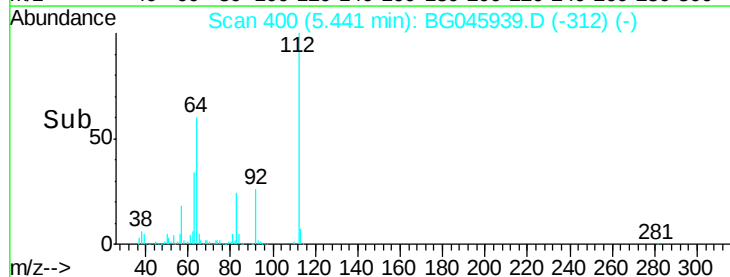
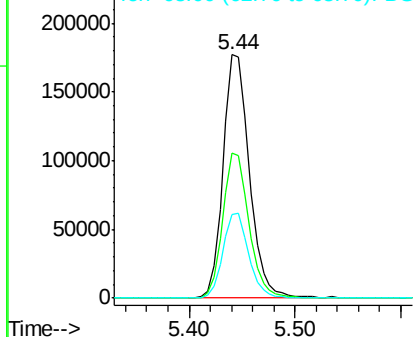
#5

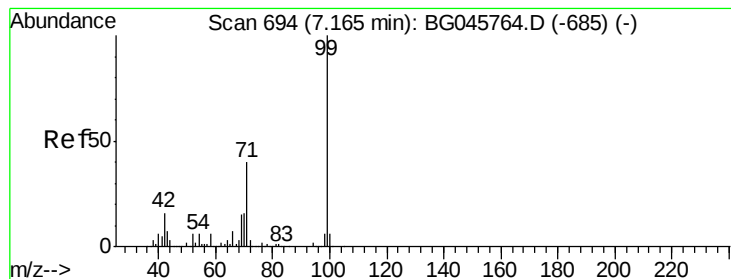
2-Fluorophenol
Concen: 116.375 ng
RT: 5.44 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion:112 Resp: 306171
Ion Ratio Lower Upper
112 100
64 59.6 44.9 67.3
63 34.4 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.134 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

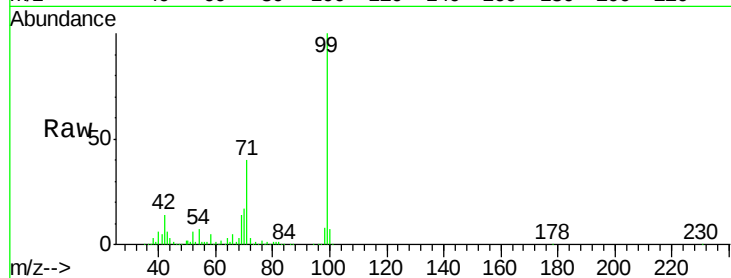
Tot Ion: 99 Resp: 404719

Ion Ratio Lower Upper

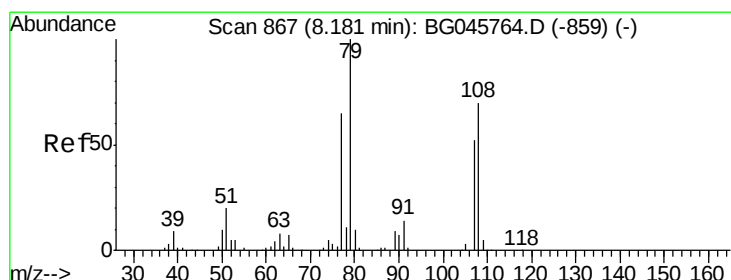
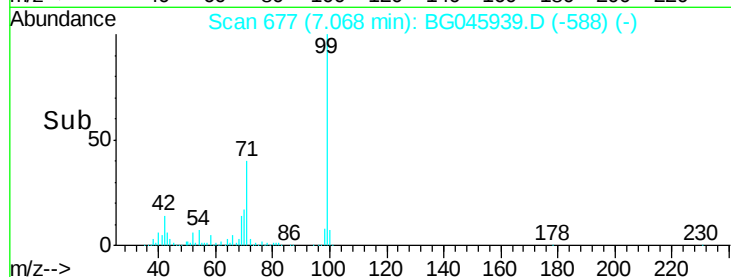
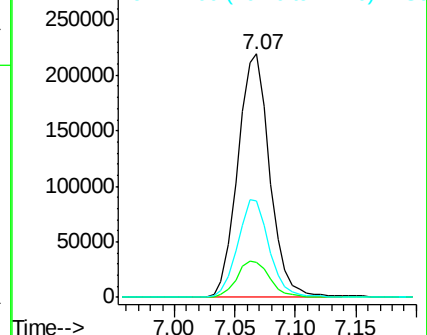
99 100

42 14.5 11.8 17.8

71 39.8 31.0 46.6



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



#15

Benzyl Alcohol

Concen: 2.110 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.06 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

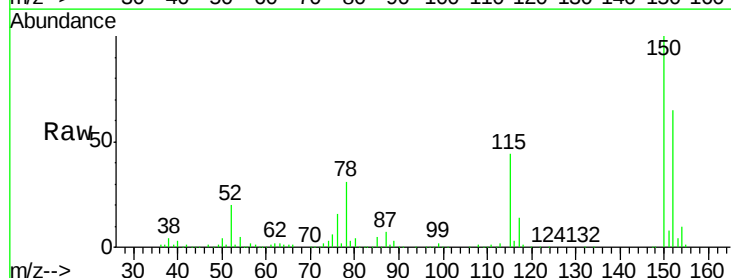
Tgt Ion: 79 Resp: 6533

Ion Ratio Lower Upper

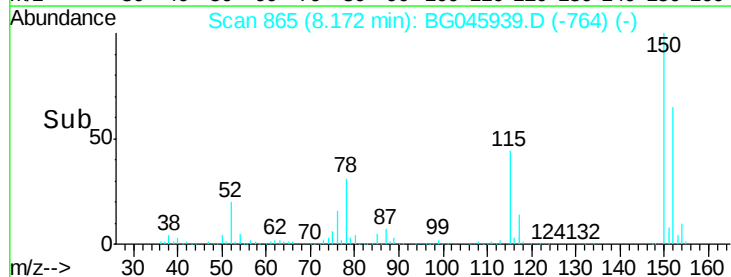
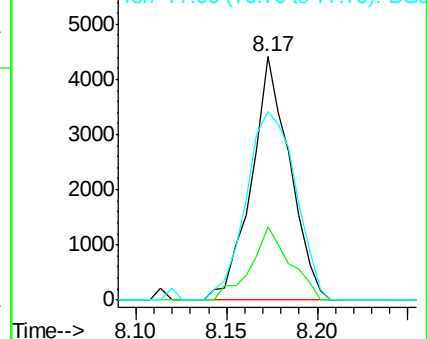
79 100

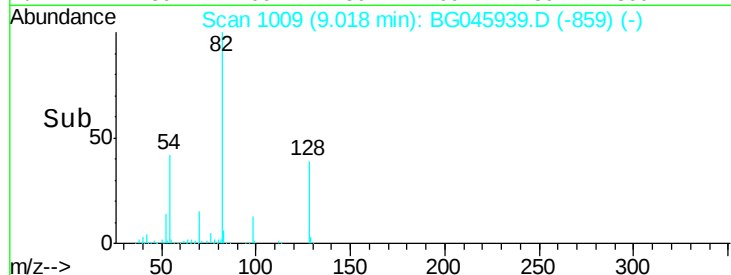
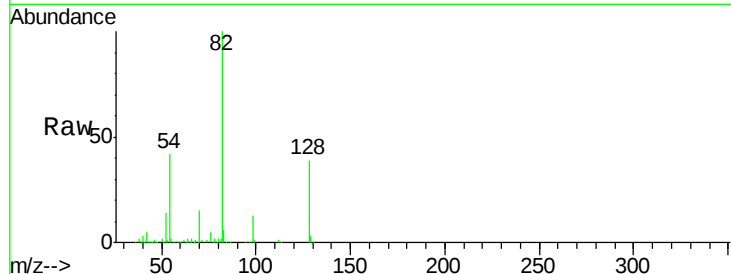
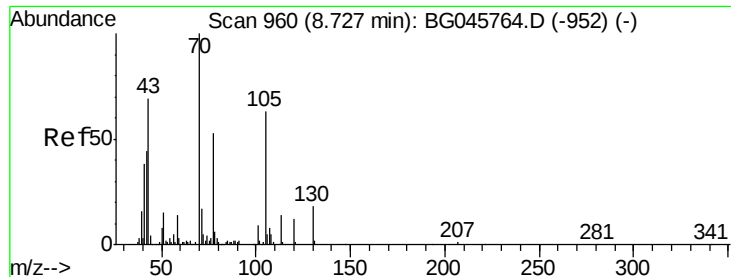
108 30.4 50.7 76.1#

77 77.3 50.4 75.6#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

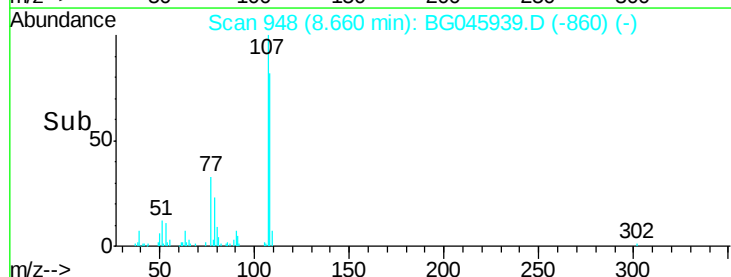
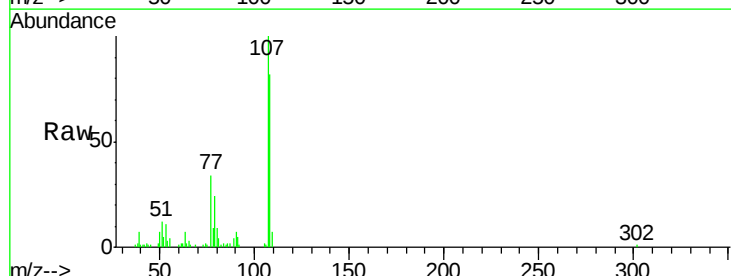
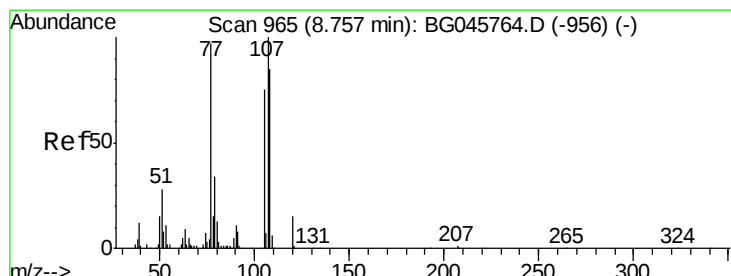
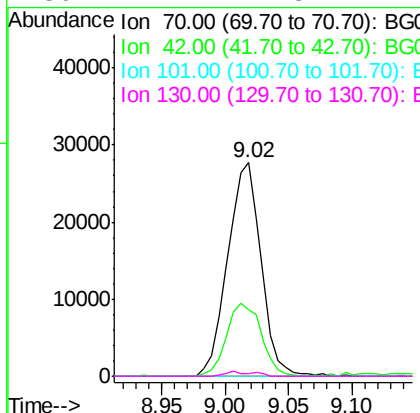




#19
n-Nitroso-di-n-propylamine
Concen: 19.074 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

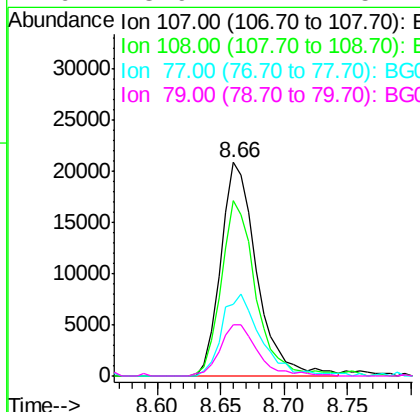
Instrument :
BNA_G
ClientSampleId :
BUS-WASH

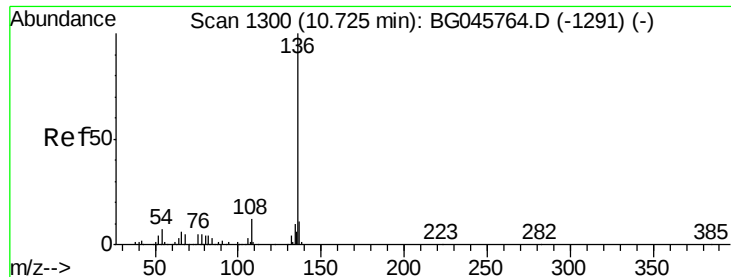
Tot Ion:	70	Resp:	50184
Ion	Ratio	Lower	Upper
70	100		
42	31.1	35.6	53.4#
101	0.0	6.6	10.0#
130	1.1	14.8	22.2#



#20
3+4-Methylphenols
Concen: 10.772 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion:	107	Resp:	40880
Ion	Ratio	Lower	Upper
107	100		
108	81.9	69.4	109.4
77	33.6	101.0	141.0#
79	23.9	14.4	54.4

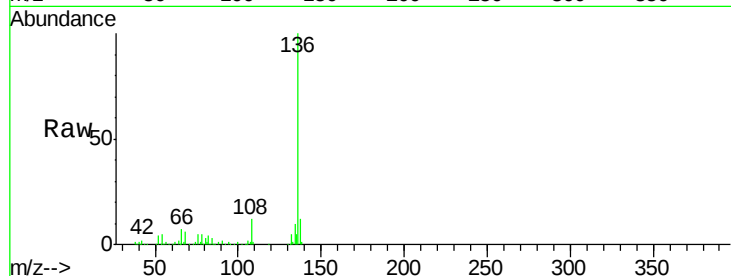




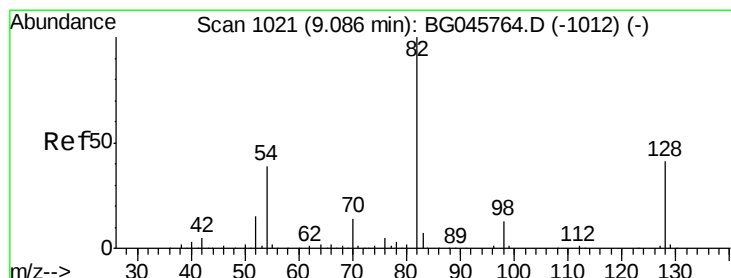
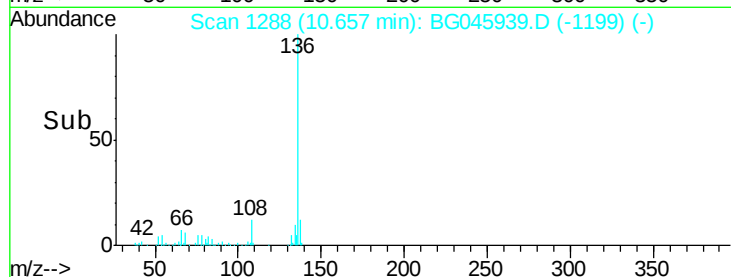
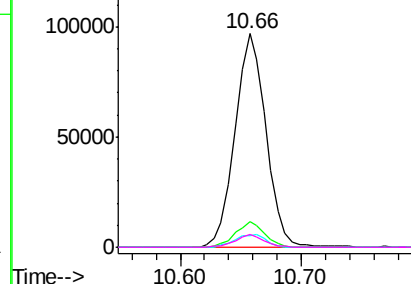
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Instrument :
BNA_G
ClientSampled :
BUS-WASH

Tot Ion:136	Resp:	172933
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.2 12.4
54	5.4	4.6 7.0
68	5.9	5.0 7.4

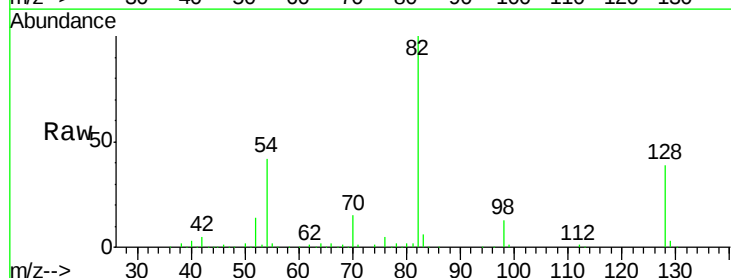


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

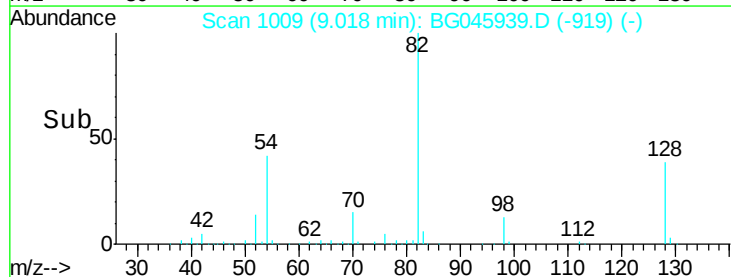
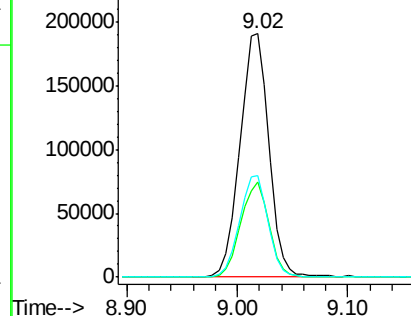


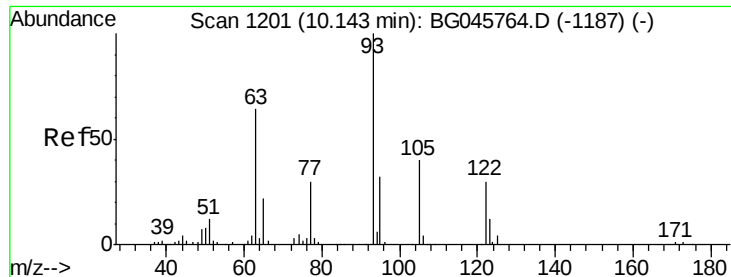
#23
Nitrobenzene-d5
Concen: 93.354 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion: 82	Resp:	353387
Ion Ratio	Lower	Upper
82	100	
128	38.9	29.9 44.9
54	41.8	33.3 49.9



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

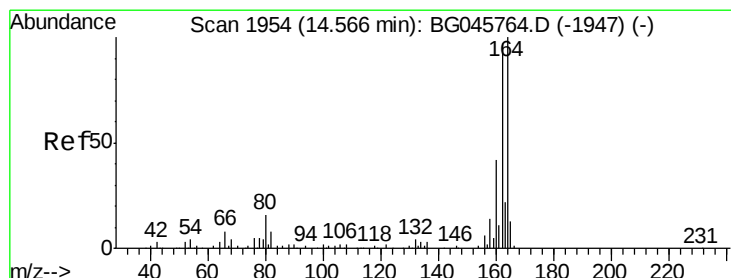
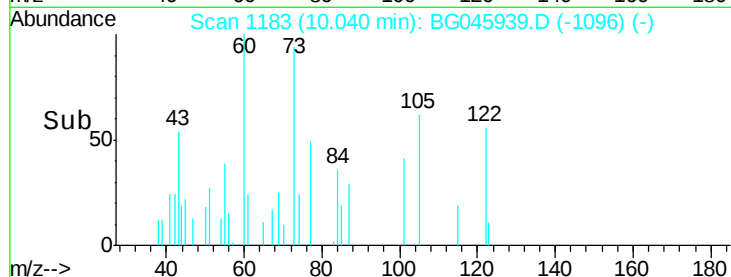
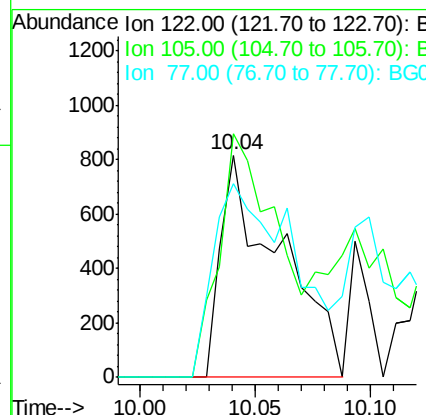
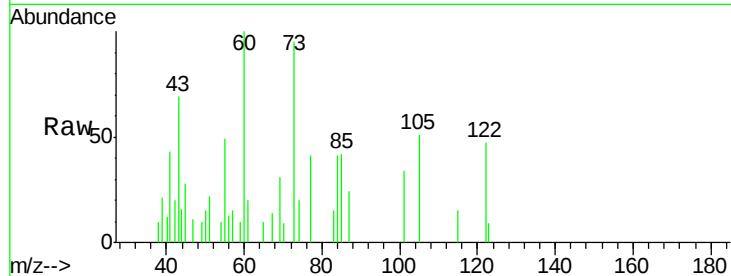




#32
Benzoic acid
Concen: 9.684 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

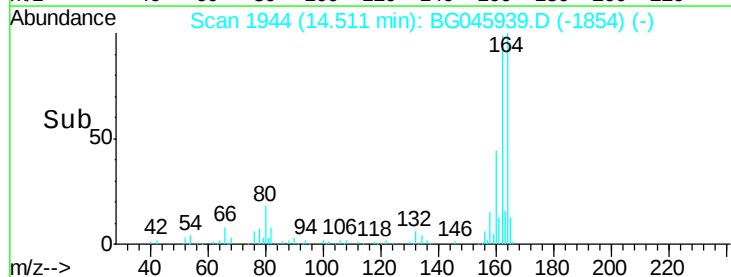
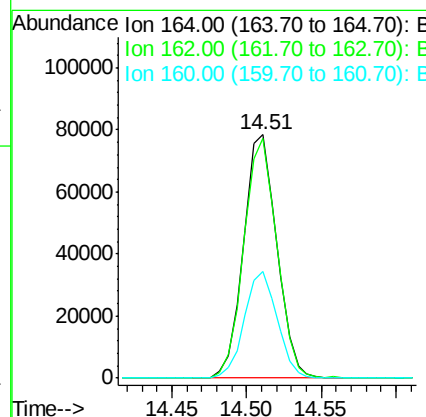
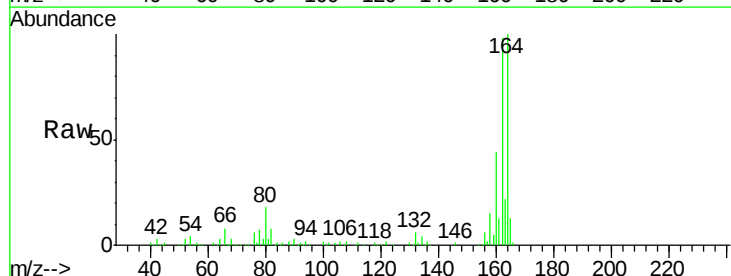
Instrument :
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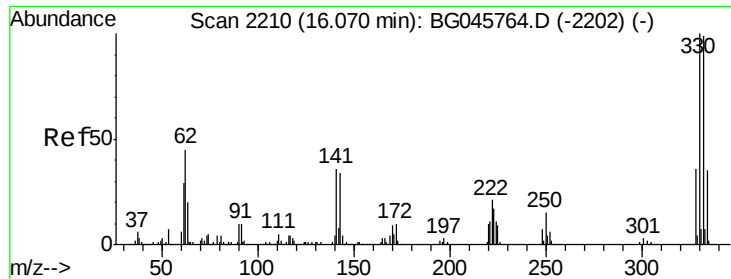
Tot Ion:122 Resp: 1447
Ion Ratio Lower Upper
122 100
105 109.7 123.1 163.1#
77 87.1 93.9 133.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045939.D
Acq: 3 Jul 2020 8:47

Tgt Ion:164 Resp: 121104
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 43.6 33.8 50.6

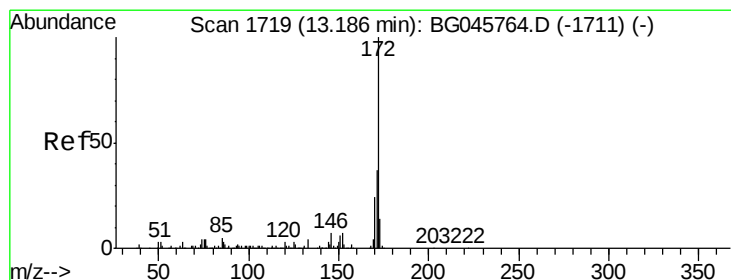
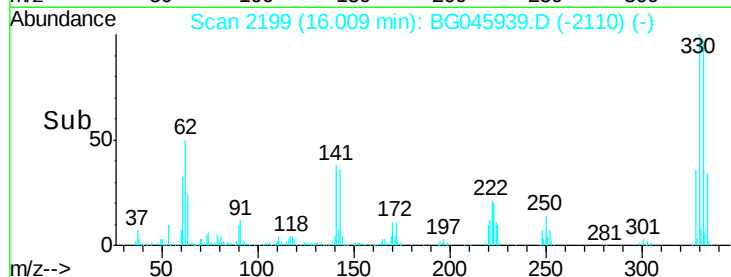
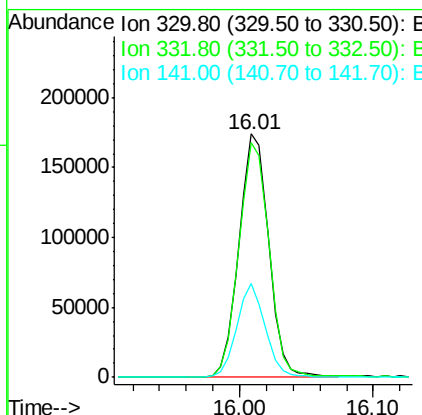
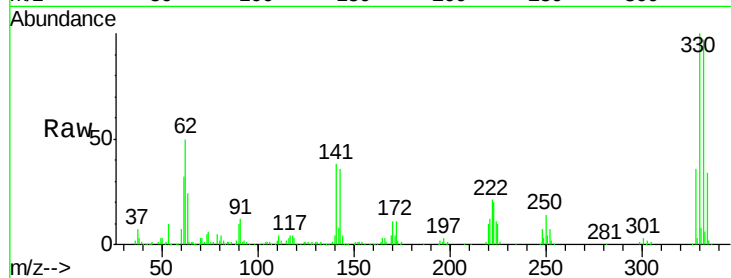




#42
 2,4,6-Tribromophenol
 Concen: 147.535 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG045939.D
 Acq: 3 Jul 2020 8:47

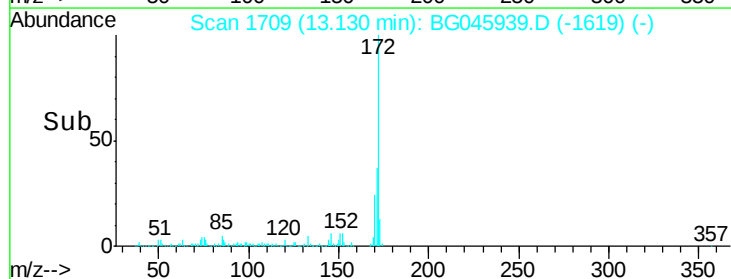
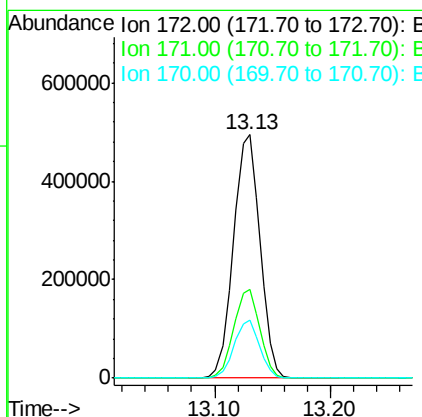
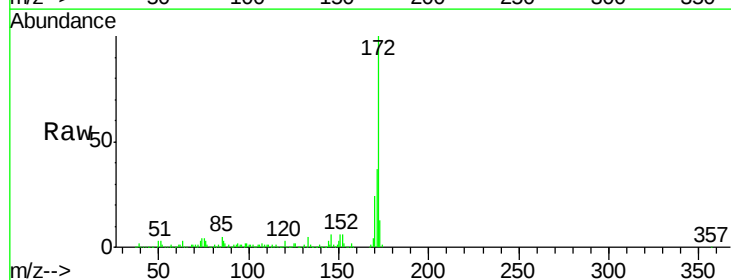
Instrument :
 BNA_G
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 BUS-WASH

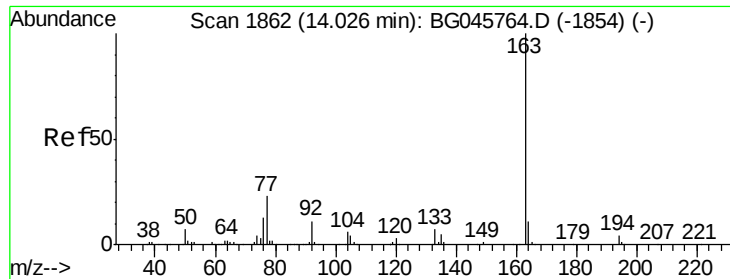
Tot Ion:330 Resp: 269746
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.4 119.0
 141 37.0 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 95.578 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045939.D
 Acq: 3 Jul 2020 8:47

Tgt Ion:172 Resp: 787644
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 23.7 18.9 28.3





#50

Dimethylphthalate

Concen: 4.971 ng

RT: 13.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

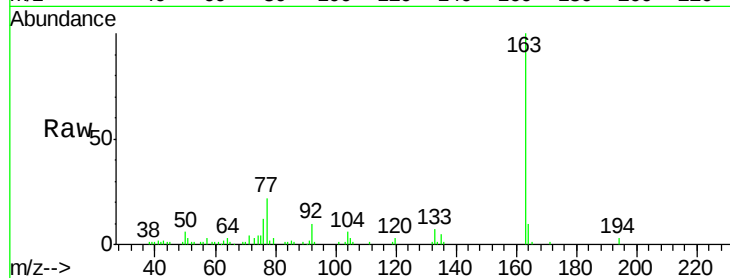
Tot Ion:163 Resp: 47158

Ion Ratio Lower Upper

163 100

194 3.3 3.5 5.3#

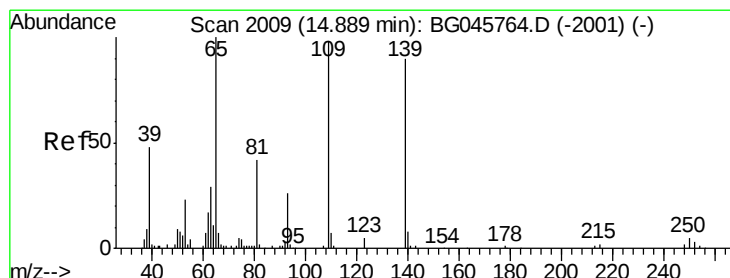
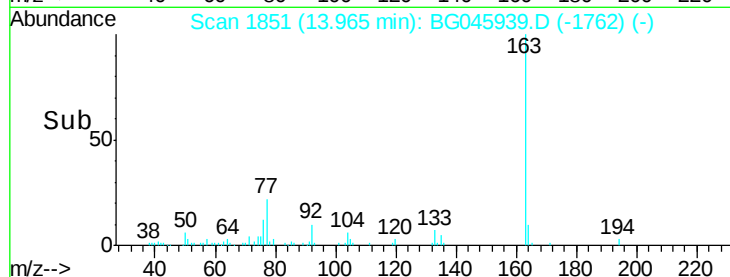
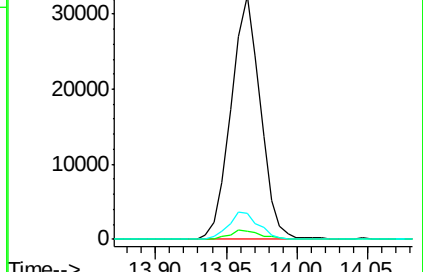
164 10.4 8.7 13.1



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



#56

4-Nitrophenol

Concen: 4.054 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.05 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

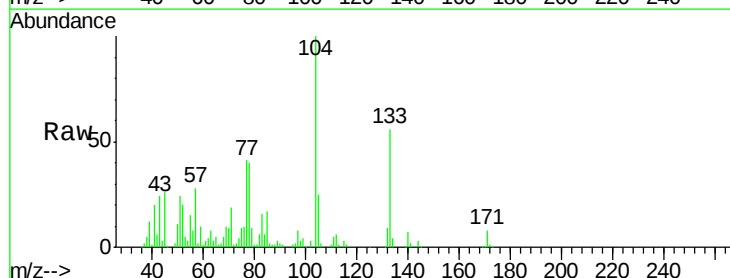
Tgt Ion:139 Resp: 130

Ion Ratio Lower Upper

139 100

109 0.0 79.2 119.2#

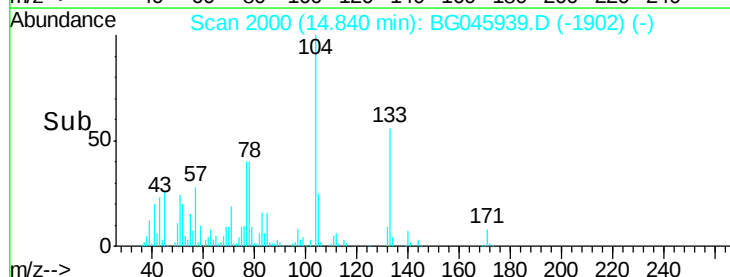
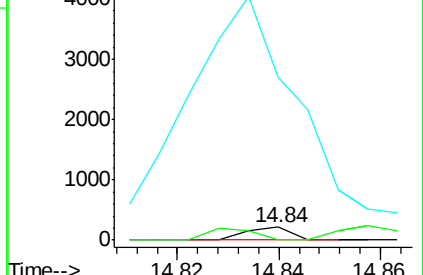
65 1280.1 91.0 131.0#

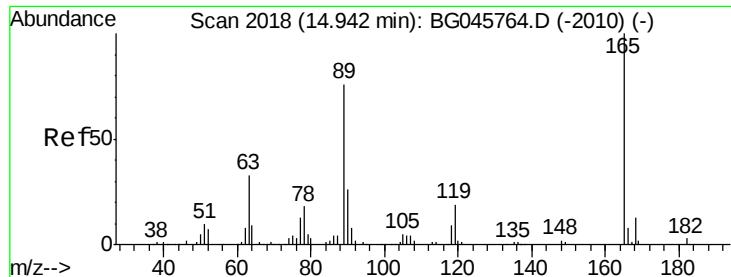


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

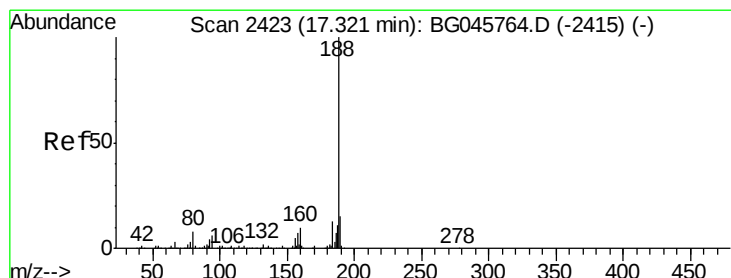
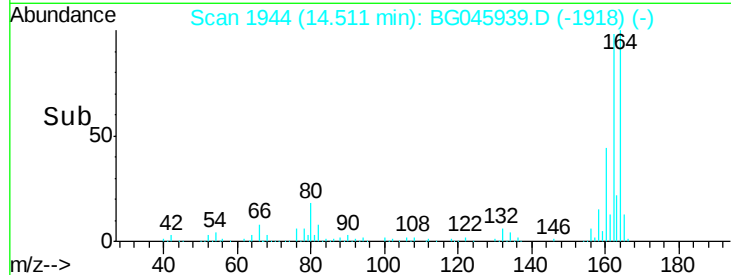
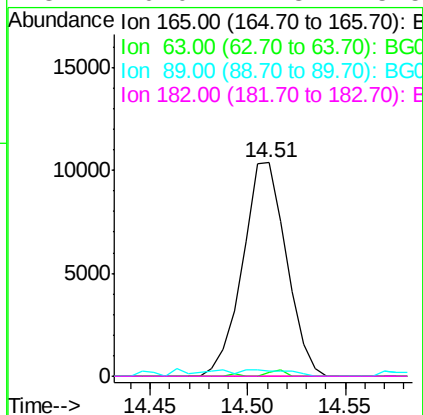
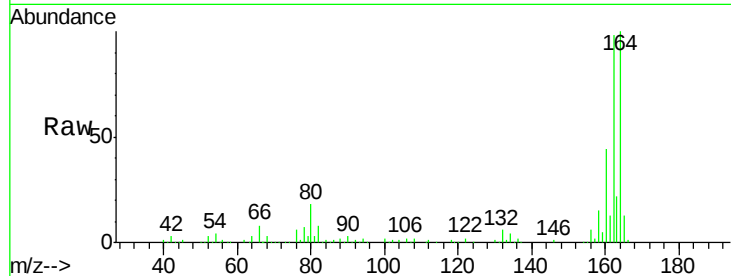




#57
 2,4-Dinitrotoluene
 Concen: 5.271 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG045939.D
 Acq: 3 Jul 2020 8:47

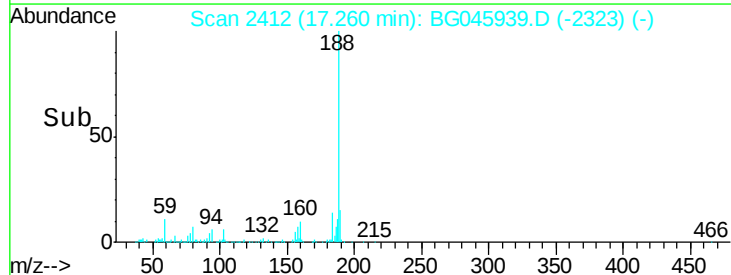
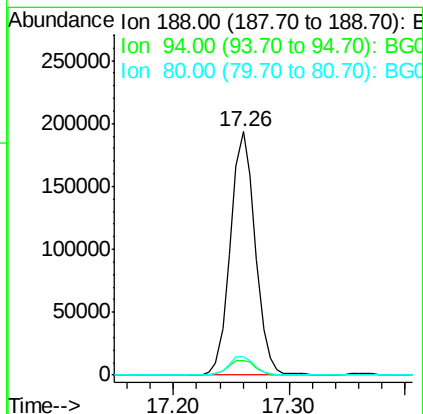
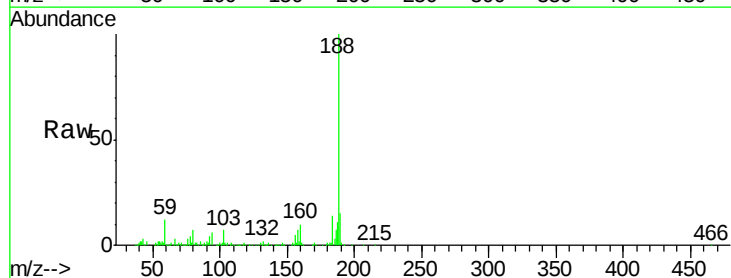
Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

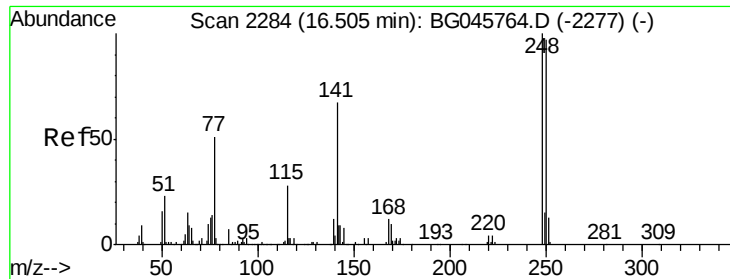
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.5	51.7#
89	2.4	60.8	91.2#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.26 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG045939.D
 Acq: 3 Jul 2020 8:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.5	8.3
80	7.3	6.1	9.1

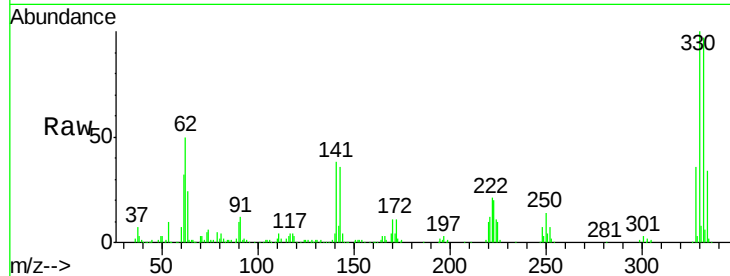




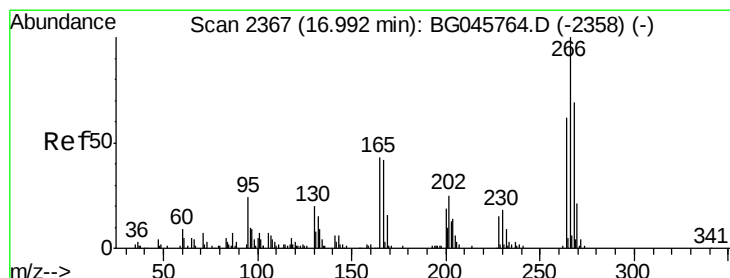
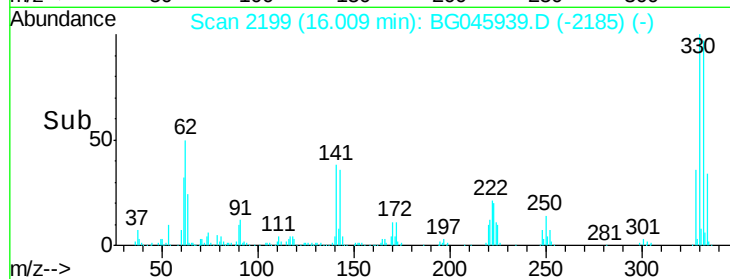
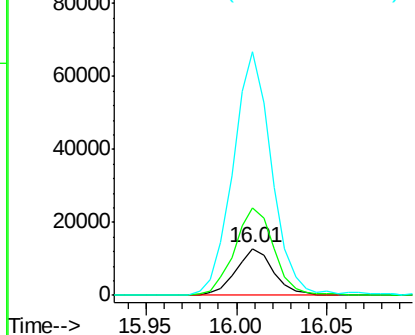
#67
 4-Bromophenyl-phenylether
 Concen: 4.966 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG045939.D
 Acq: 3 Jul 2020 8:47

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Tot Ion:248 Resp: 18569
 Ion Ratio Lower Upper
 248 100
 250 188.5 77.2 115.8#
 141 522.0 52.6 79.0#

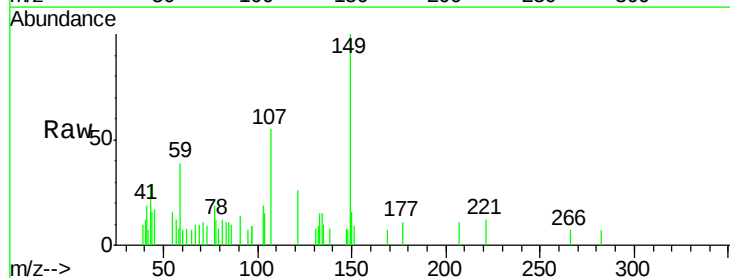


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

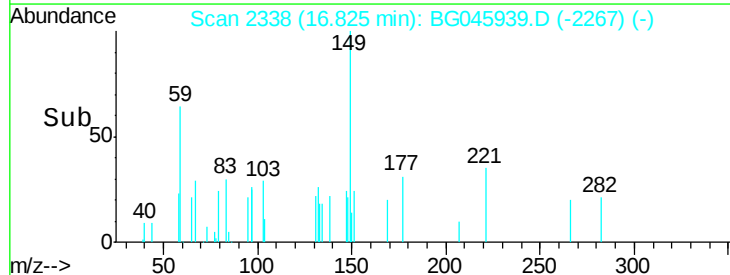
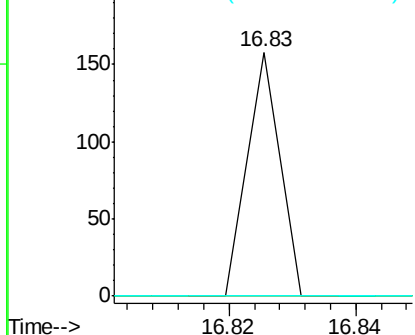


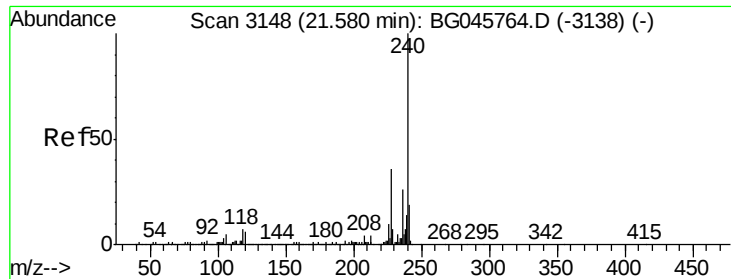
#70
 Pentachlorophenol
 Concen: 7.659 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. -0.11 min
 Lab File: BG045939.D
 Acq: 3 Jul 2020 8:47

Tgt Ion:266 Resp: 56
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.5 75.7#
 264 0.0 47.0 70.6#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

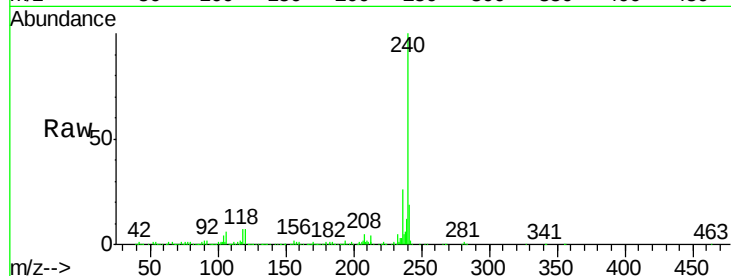
Tot Ion:240 Resp: 329045

Ion Ratio Lower Upper

240 100

120 7.2 5.2 7.8

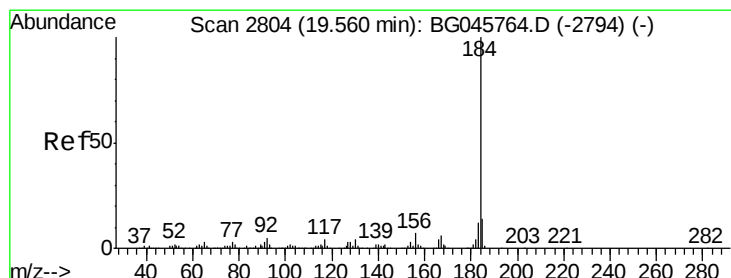
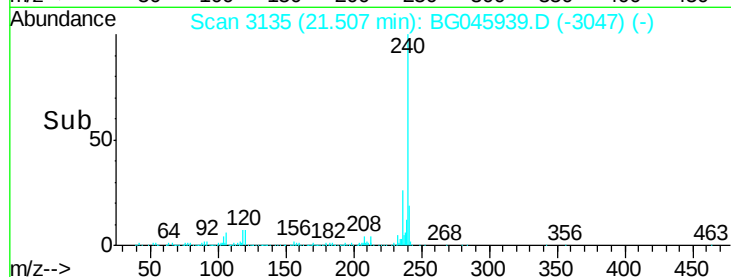
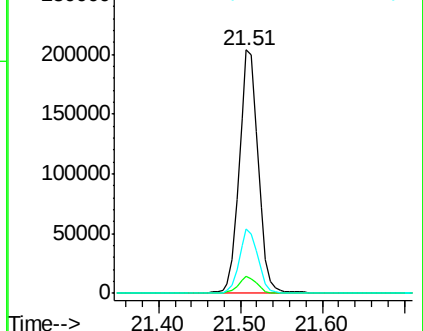
236 26.4 20.8 31.2



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



#77

Benzidine

Concen: 3.458 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.38 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

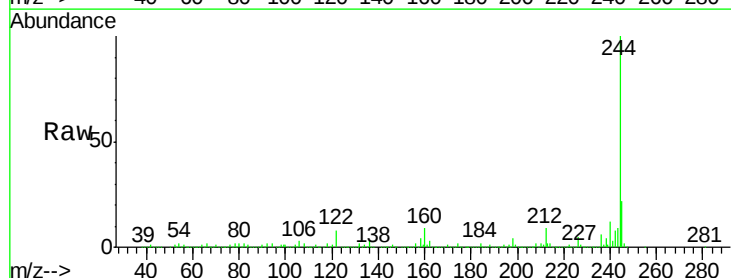
Tgt Ion:184 Resp: 29577

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

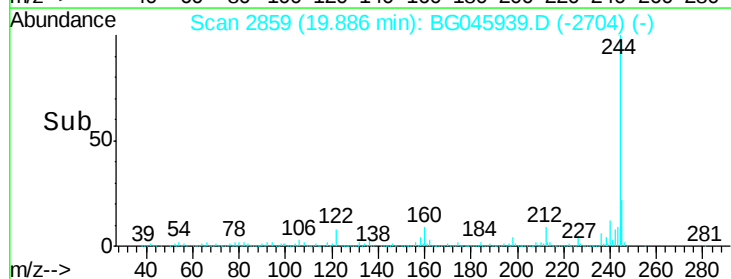
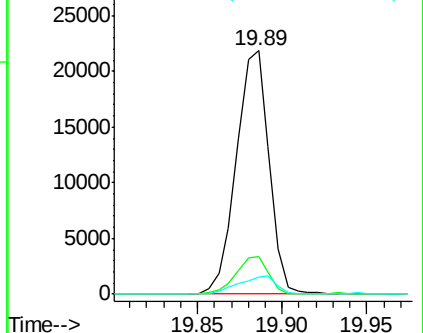
183 7.2 10.6 15.8#

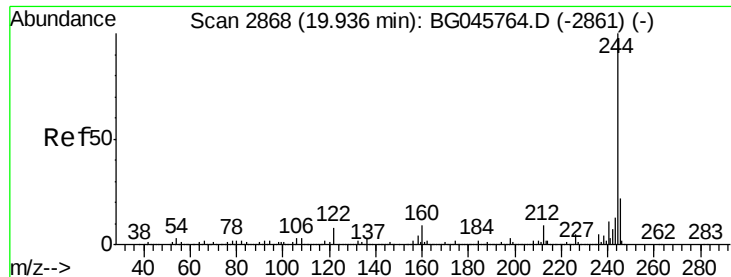


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 94.158 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

Instrument :

BNA_G

ClientSampled :

BUS-WASH

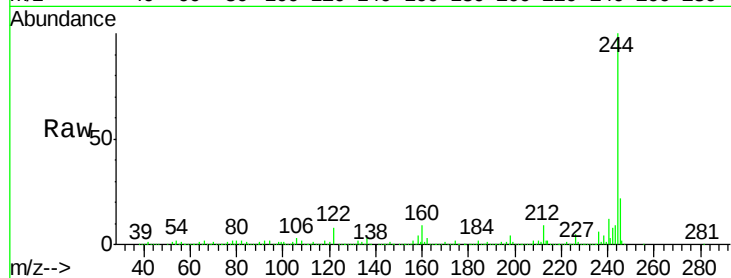
Tot Ion:244 Resp: 1528782

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

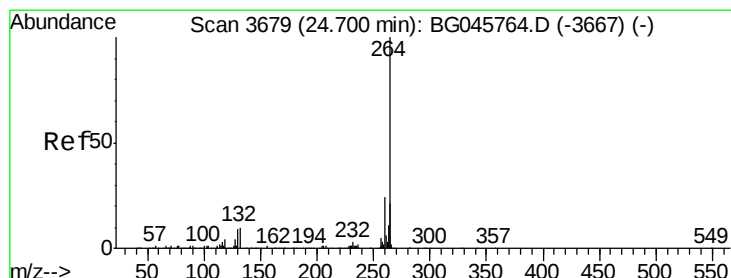
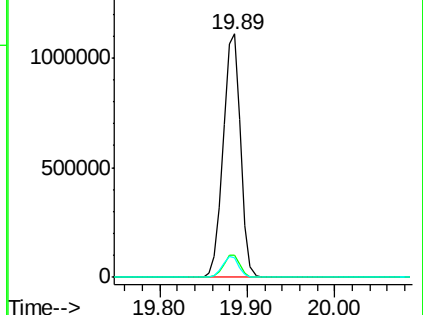
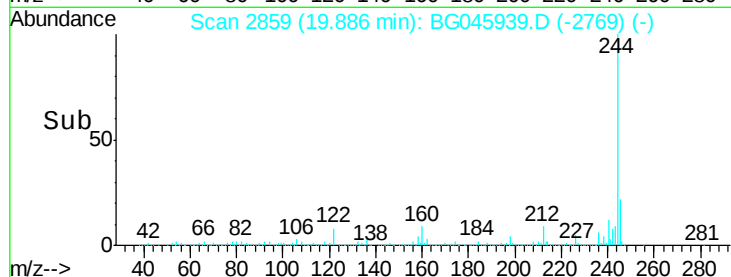
122 8.0 6.6 9.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.01 min

Lab File: BG045939.D

Acq: 3 Jul 2020 8:47

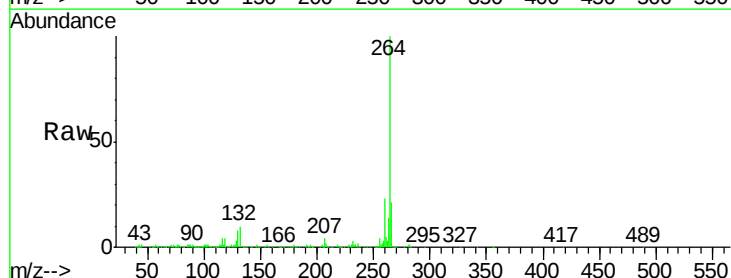
Tgt Ion:264 Resp: 339689

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 20.8 16.4 24.6



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

