

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045938.D
 Acq On : 3 Jul 2020 8:07
 Operator : CG/JU
 Sample : L3171-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIM-SYSTEM

Quant Time: Jul 04 00:40:34 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

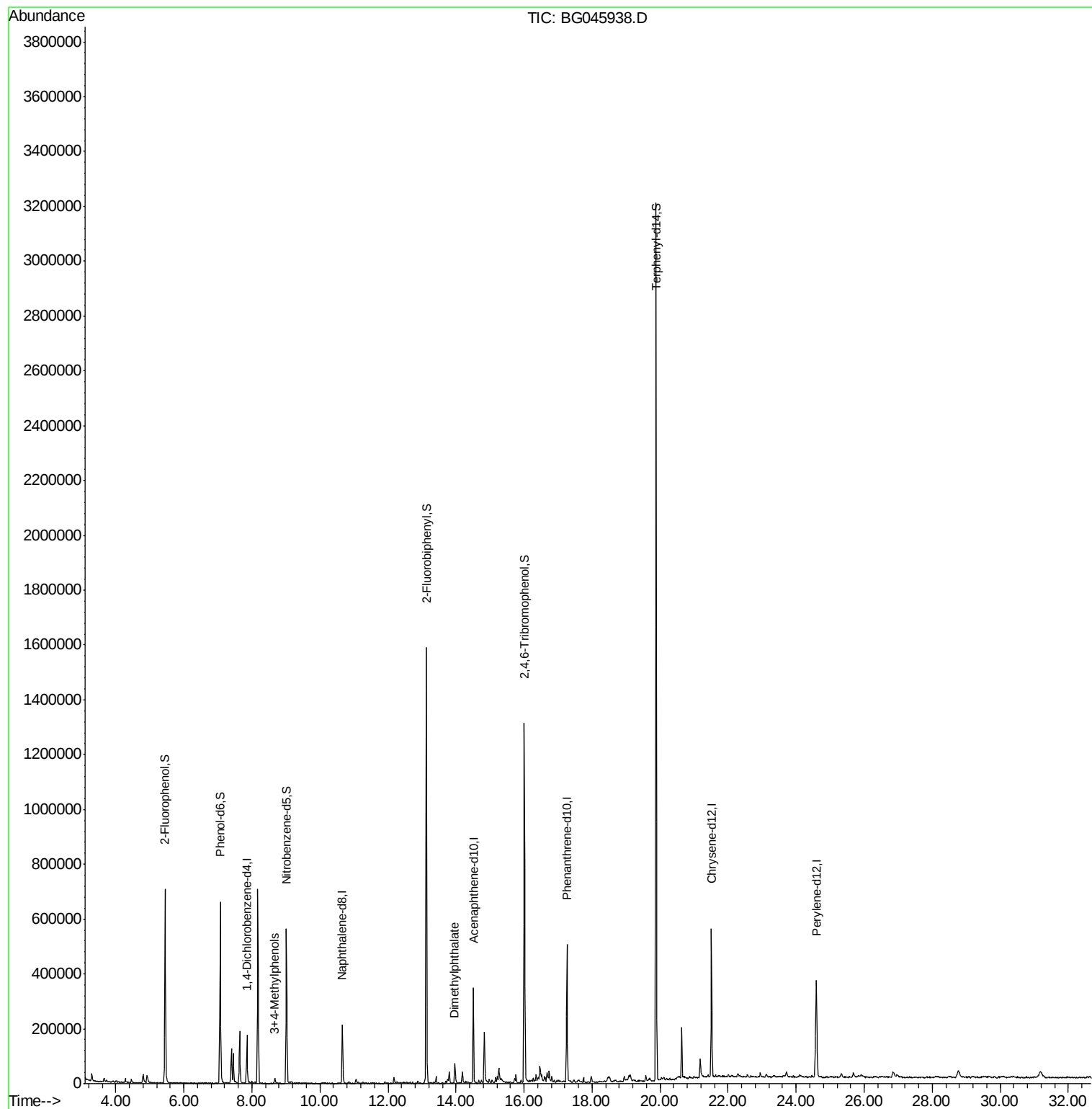
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	47670	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	184890	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	124827	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	289540	20.00	ng	0.00
76) Chrysene-d12	21.51	240	331205	20.00	ng	0.00
86) Perylene-d12	24.59	264	356187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	341233	120.92	ng	0.00
7) Phenol-d6	7.07	99	435006	101.34	ng	0.00
23) Nitrobenzene-d5	9.02	82	376438	93.01	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	266190	141.25	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	821512	96.71	ng	0.00
79) Terphenyl-d14	19.88	244	1519557	92.98	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.67	107	9462	2.324	ng	Qvalue # 63
50) Dimethylphthalate	13.96	163	47278	4.835	ng	97

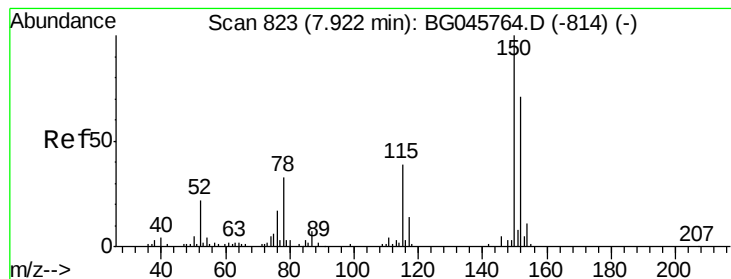
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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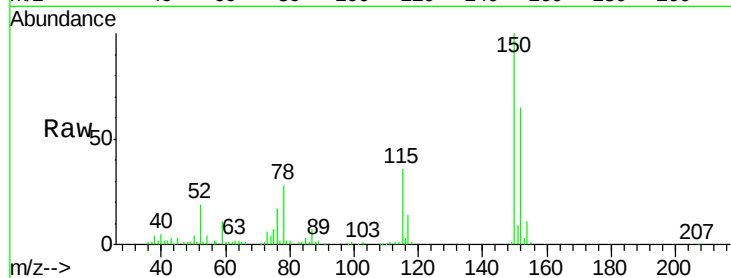


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.5	186.7
115	55.3	45.8	68.8

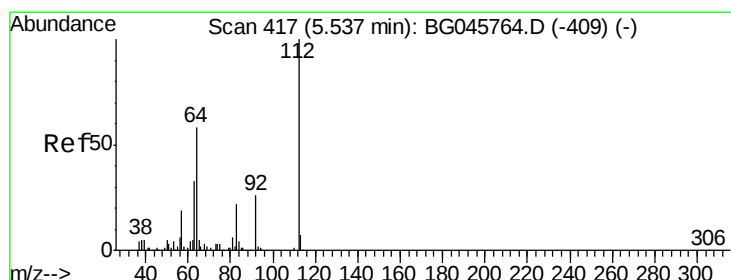
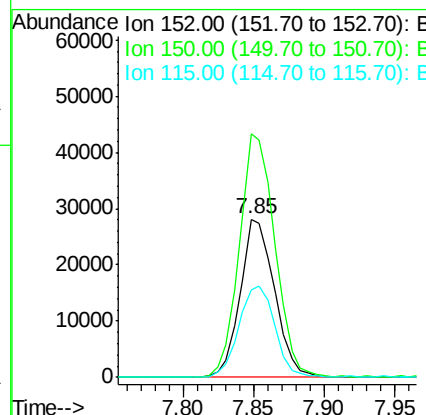
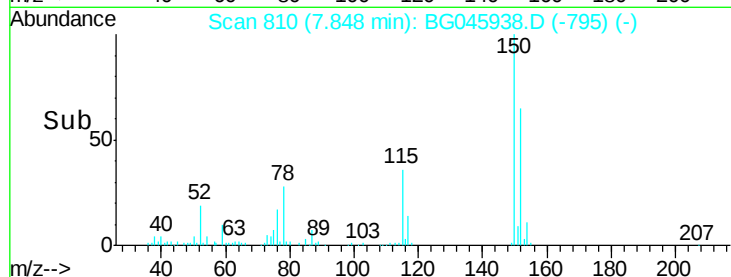


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

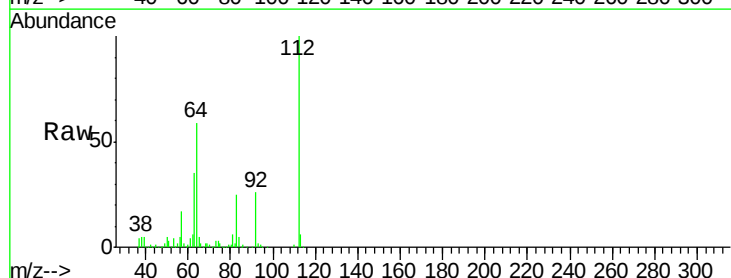
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.919 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.9	67.3
63	34.5	26.9	40.3

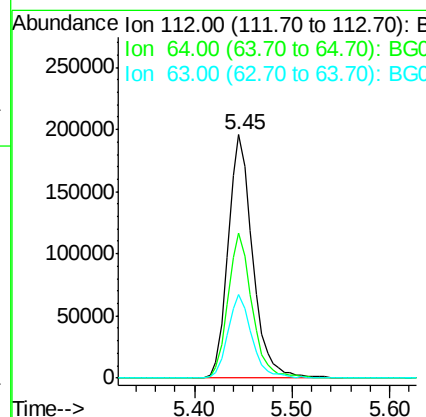
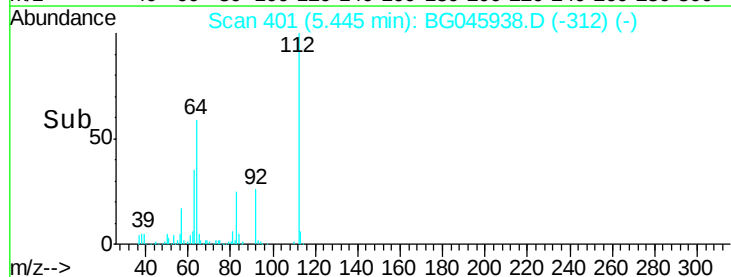


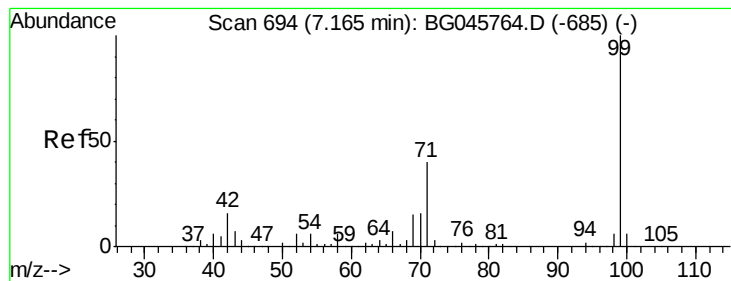
Abundance

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: 101.341 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045938.D

Acq: 3 Jul 2020 8:07

Instrument :

BNA_G

ClientSampleId :

RECLAIM-SYSTEM

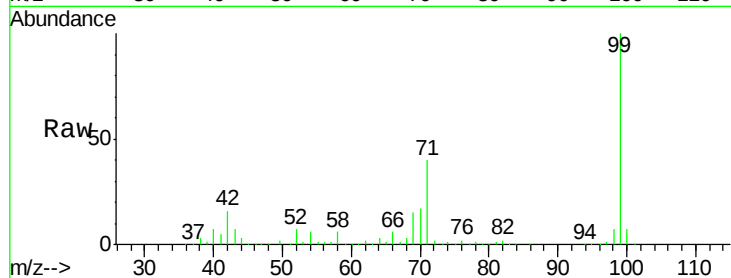
Tot Ion: 99 Resp: 435006

Ion Ratio Lower Upper

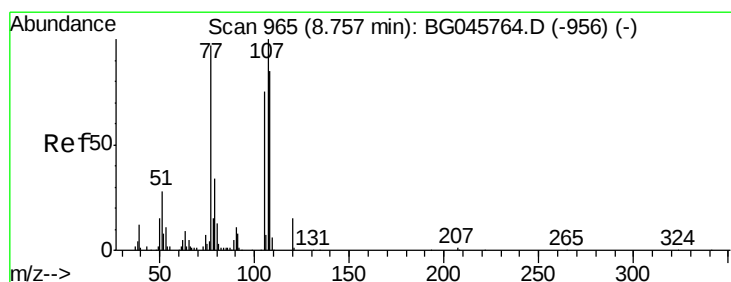
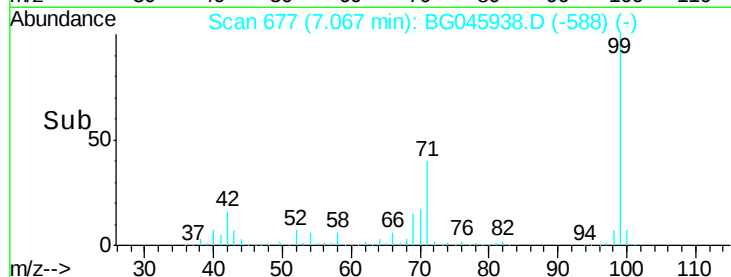
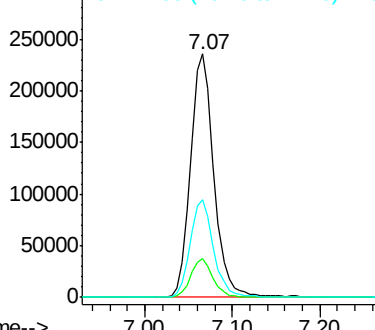
99 100

42 15.8 11.8 17.8

71 40.3 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



#20

3+4-Methylphenols

Concen: 2.324 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG045938.D

Acq: 3 Jul 2020 8:07

Tgt Ion:107 Resp: 9462

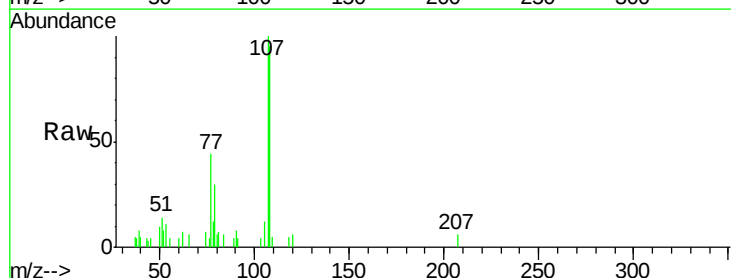
Ion Ratio Lower Upper

107 100

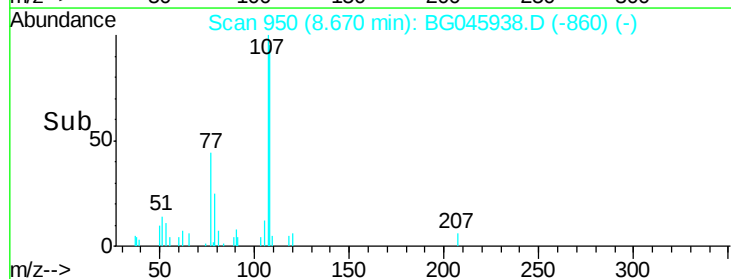
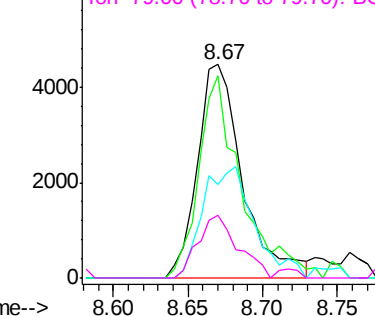
108 94.8 69.4 109.4

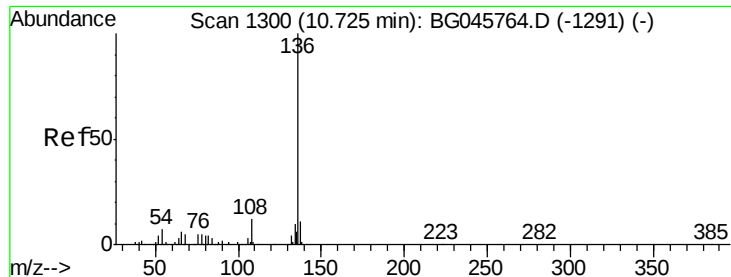
77 43.8 101.0 141.0#

79 29.6 14.4 54.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

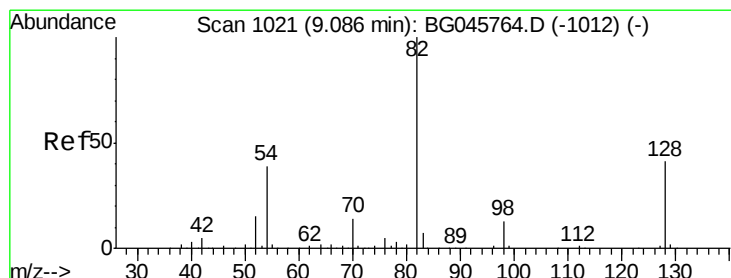
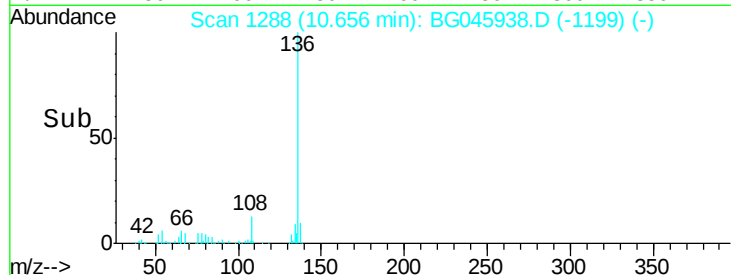
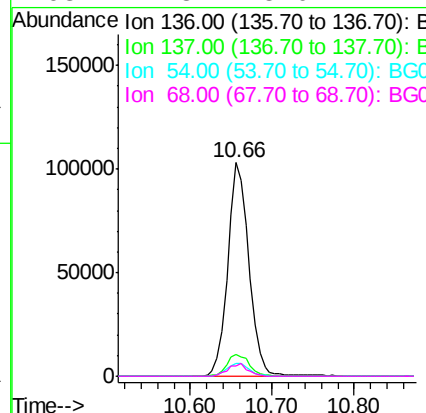
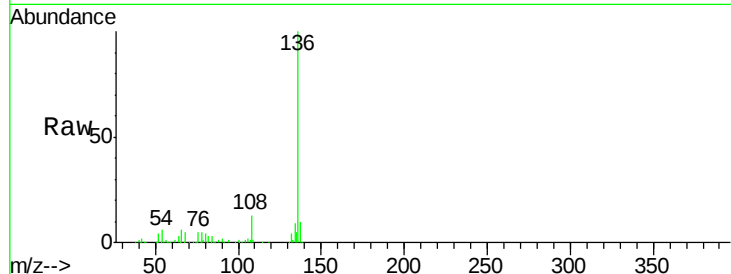




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

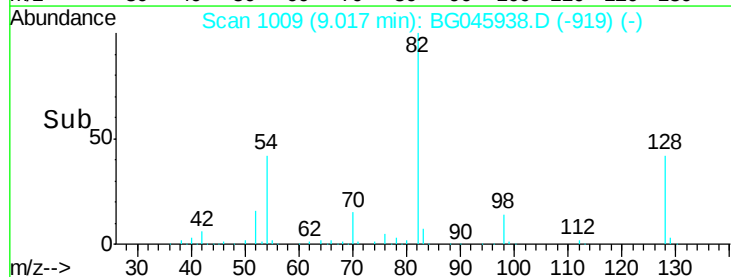
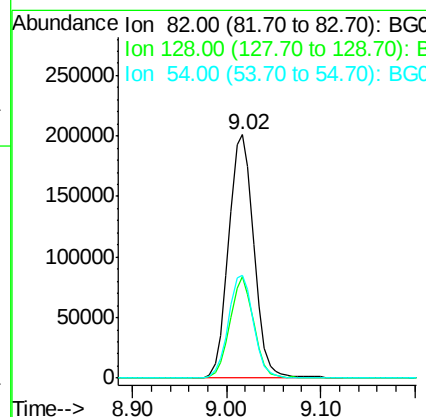
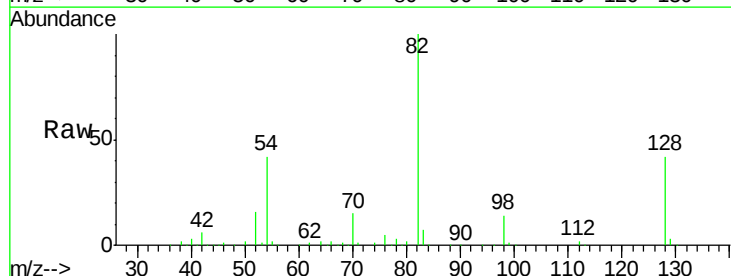
Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM

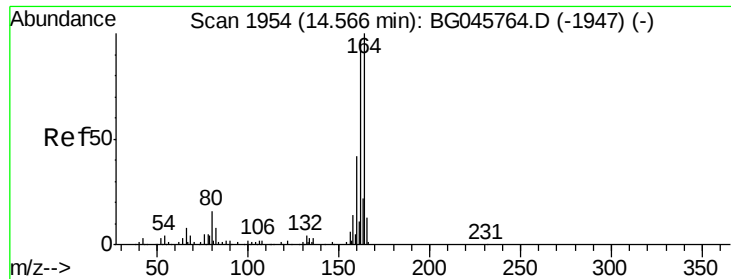
Tot Ion:	136	Resp:	184890
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.4
54	6.3	4.6	7.0
68	4.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.012 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

Tgt Ion:	82	Resp:	376438
Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.9	44.9
54	42.4	33.3	49.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045938.D

Acq: 3 Jul 2020 8:07

Instrument :

BNA_G

ClientSampleId :

RECLAIM-SYSTEM

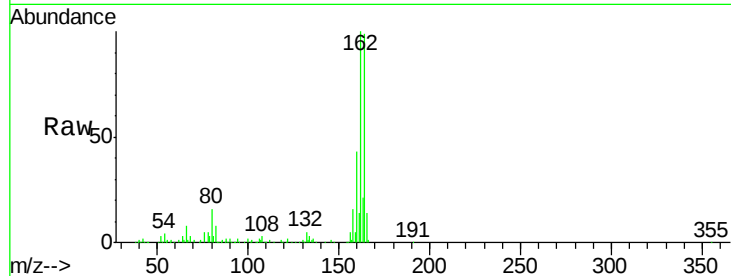
Tot Ion:164 Resp: 124827

Ion Ratio Lower Upper

164 100

162 100.7 78.8 118.2

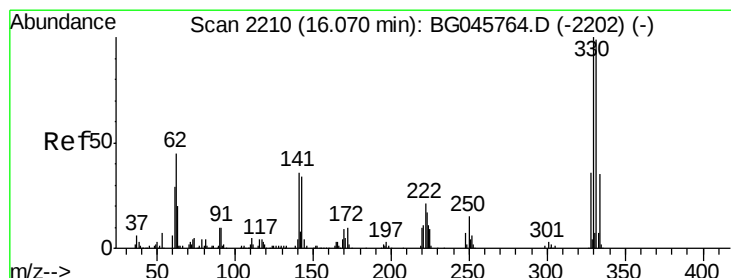
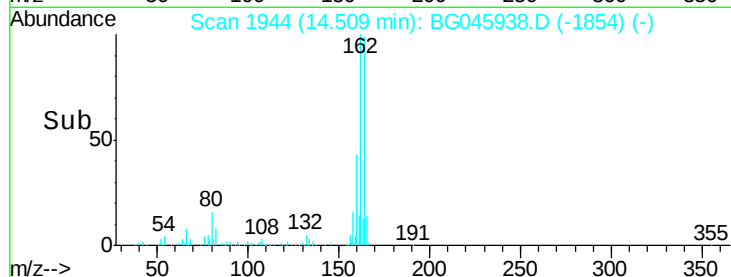
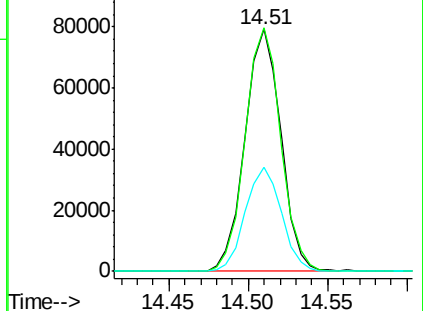
160 43.1 33.8 50.6



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: 141.248 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045938.D

Acq: 3 Jul 2020 8:07

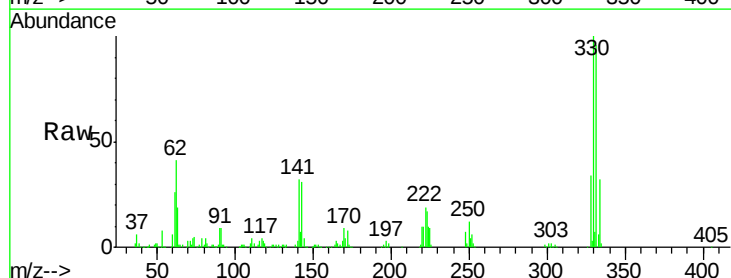
Tgt Ion:330 Resp: 266190

Ion Ratio Lower Upper

330 100

332 97.0 79.4 119.0

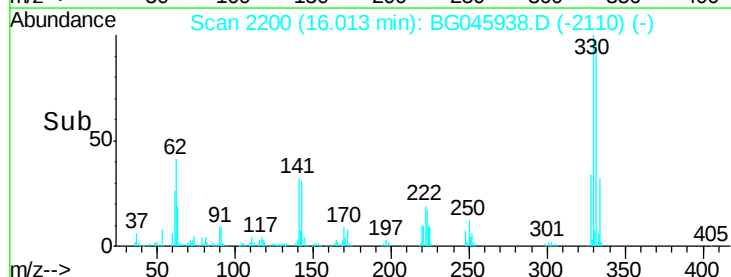
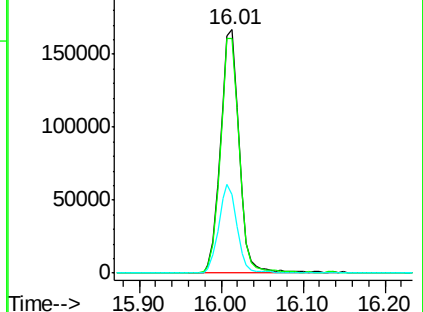
141 35.7 28.2 42.2

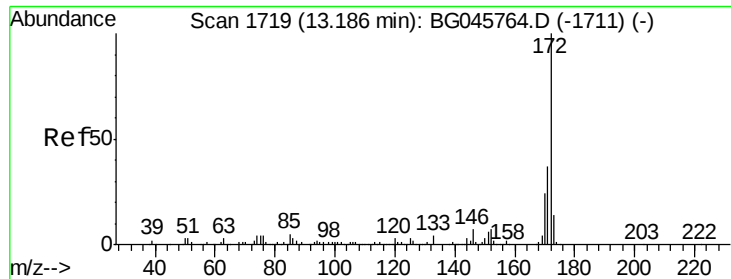


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

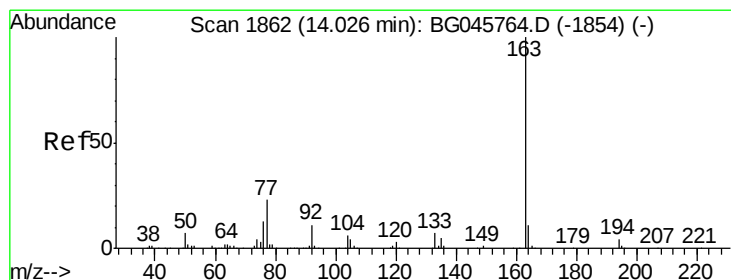
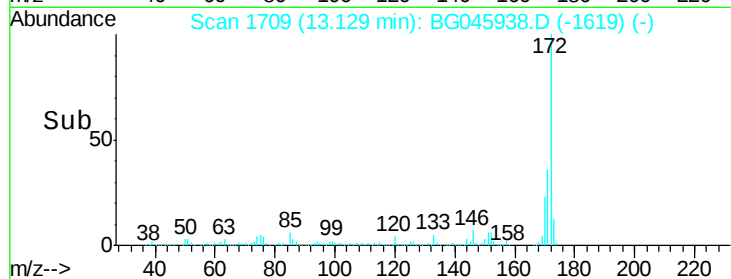
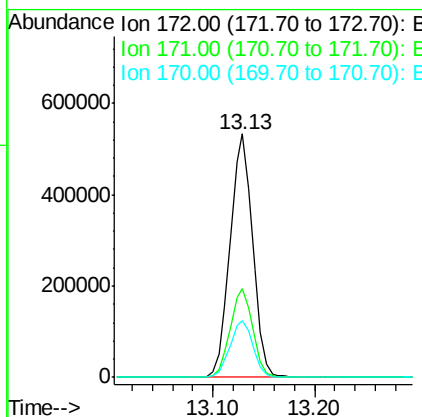
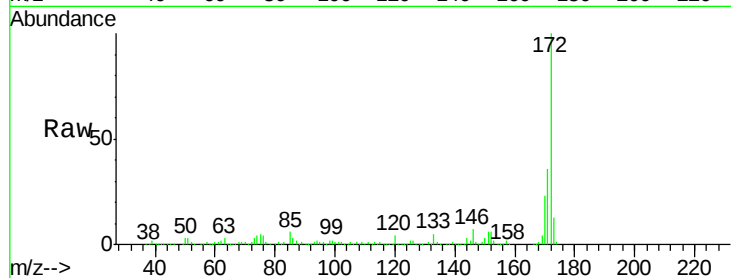




#45
2-Fluorobiphenyl
Concen: 96.715 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

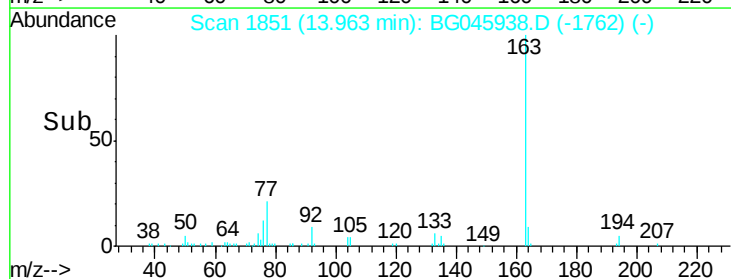
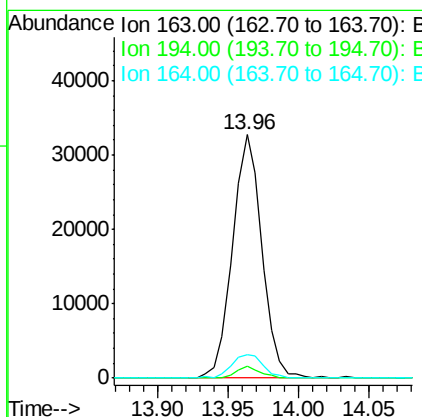
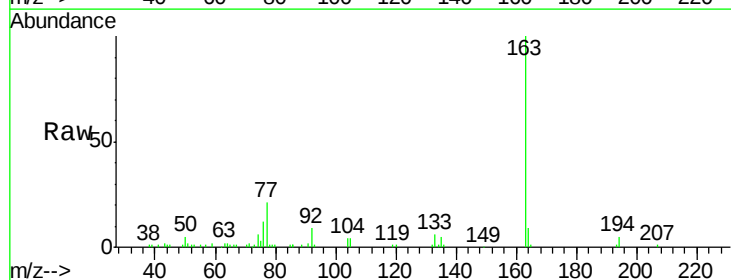
Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM

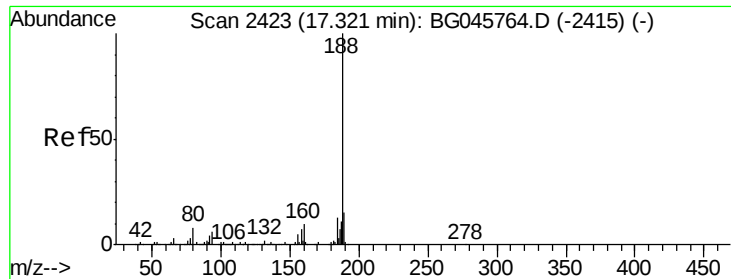
Tot Ion:172 Resp: 821512
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 4.835 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

Tgt Ion:163 Resp: 47278
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 9.5 8.7 13.1

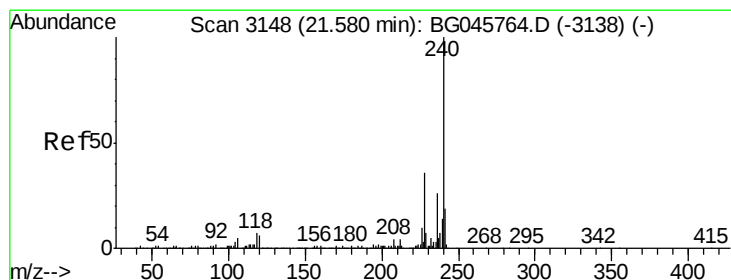
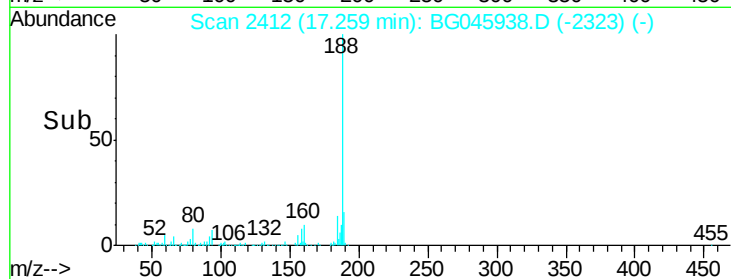
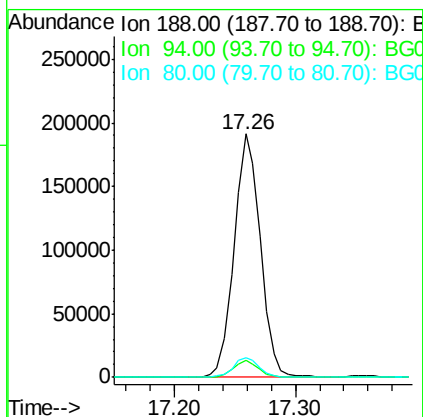
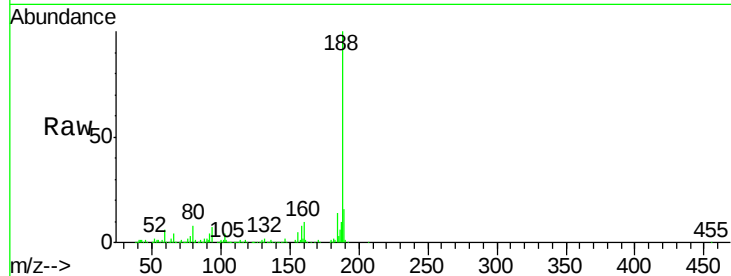




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

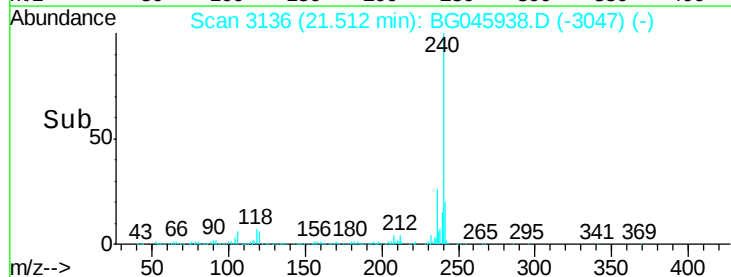
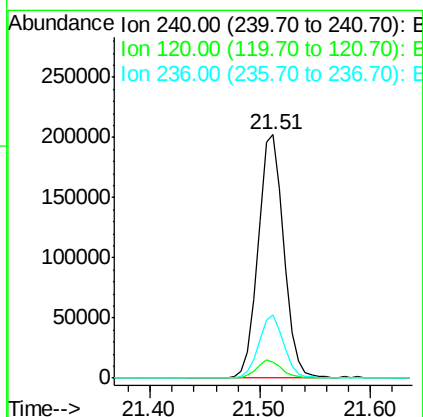
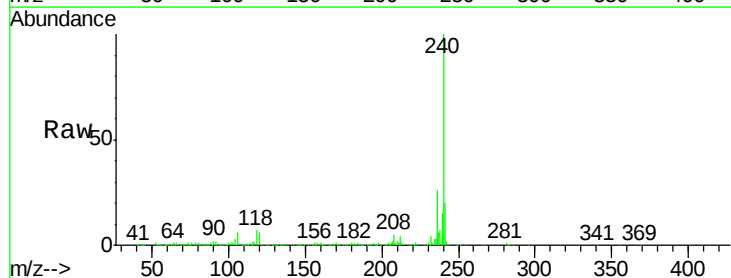
Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM

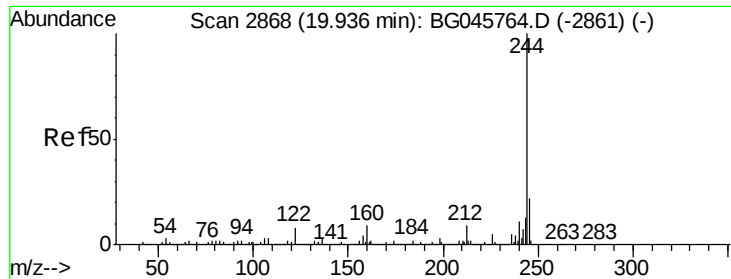
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	8.0	6.1	9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045938.D
Acq: 3 Jul 2020 8:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.2	7.8
236	26.1	20.8	31.2





#79

Terphenyl-d14

Concen: 92.979 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045938.D

Acq: 3 Jul 2020 8:07

Instrument :

BNA_G

ClientSampleId :

RECLAIM-SYSTEM

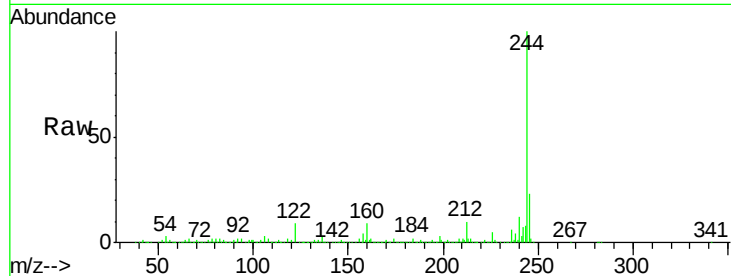
Tot Ion:244 Resp: 1519557

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

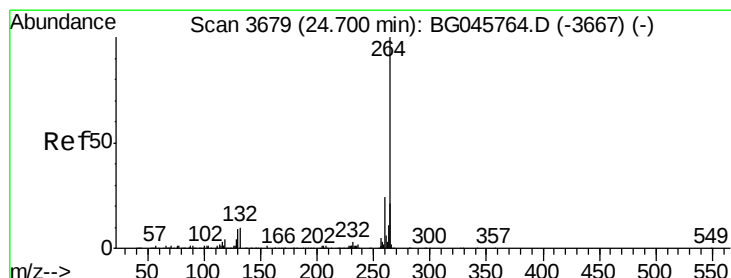
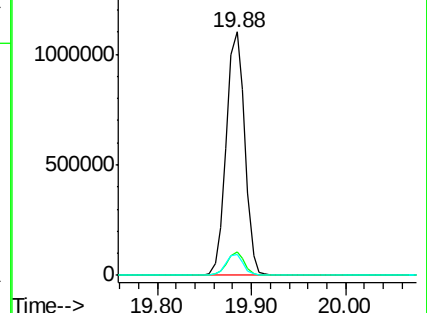
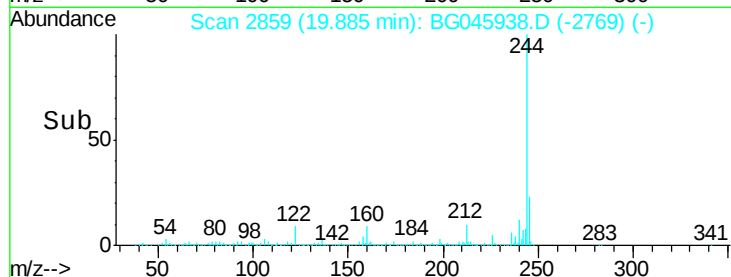
122 8.7 6.6 9.8



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# 3660

Delta R.T. -0.01 min

Lab File: BG045938.D

Acq: 3 Jul 2020 8:07

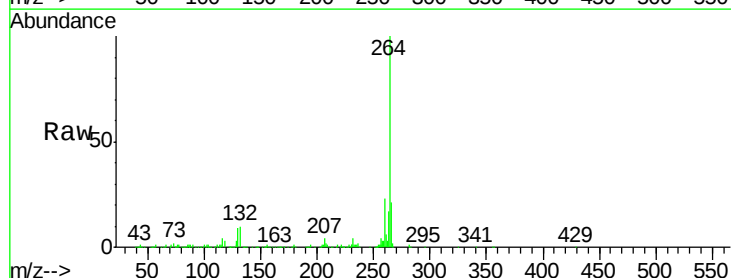
Tgt Ion:264 Resp: 356187

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.0 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

