

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045937.D
 Acq On : 3 Jul 2020 7:27
 Operator : CG/JU
 Sample : L3197-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2-COMP

Quant Time: Jul 04 01:07:07 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

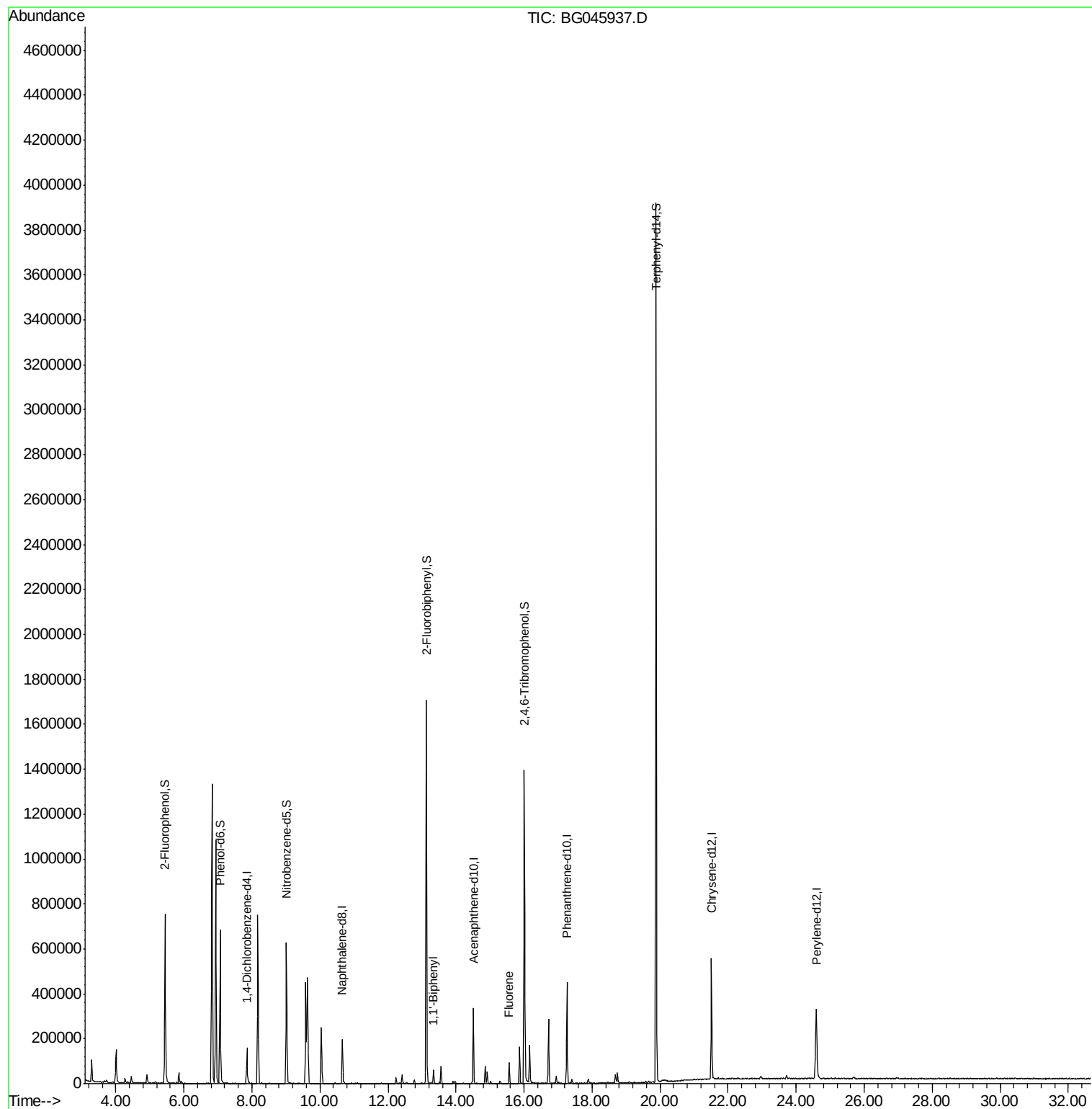
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45205	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	174195	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	119815	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	288830	20.00	ng	0.00
76) Chrysene-d12	21.51	240	335153	20.00	ng	0.00
86) Perylene-d12	24.59	264	339750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	370654	138.51	ng	0.00
7) Phenol-d6	7.07	99	447348	109.90	ng	0.00
23) Nitrobenzene-d5	9.02	82	419081	109.91	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	267931	148.12	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	904500	110.94	ng	0.00
79) Terphenyl-d14	19.88	244	1805955	109.20	ng	0.00
Target Compounds						
46) 1,1'-Biphenyl	13.34	154	32550	3.795	ng	98
58) Fluorene	15.56	166	46054	5.068	ng	93

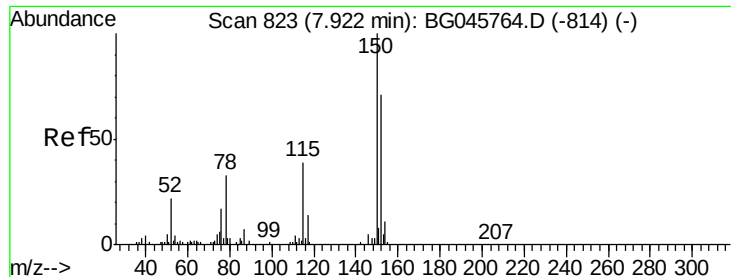
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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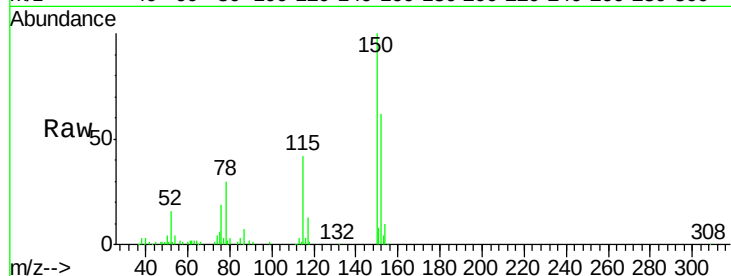


#1

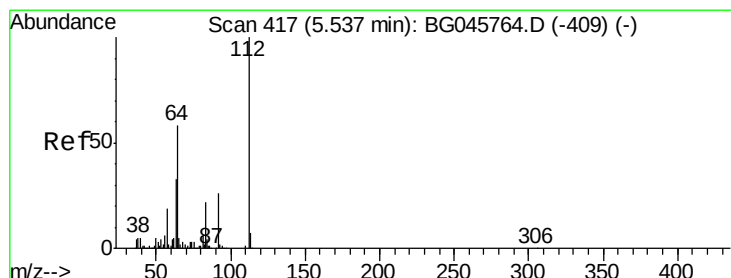
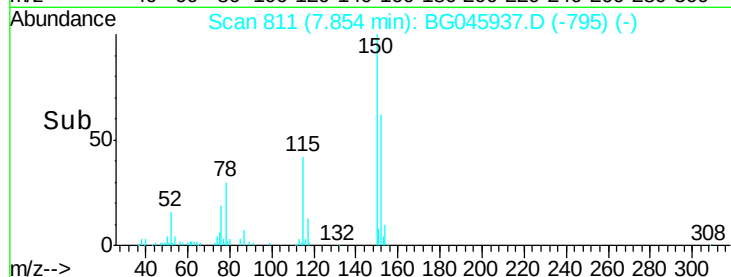
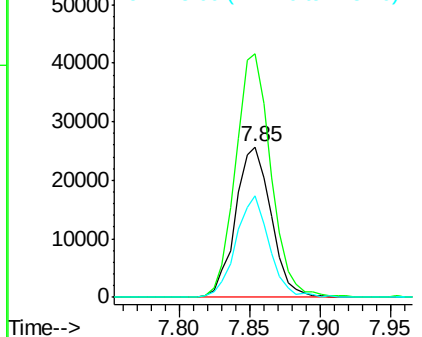
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045937.D
Acq: 3 Jul 2020 7:27

Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

Tot Ion:152 Resp: 45205
Ion Ratio Lower Upper
152 100
150 162.0 124.5 186.7
115 67.3 45.8 68.8



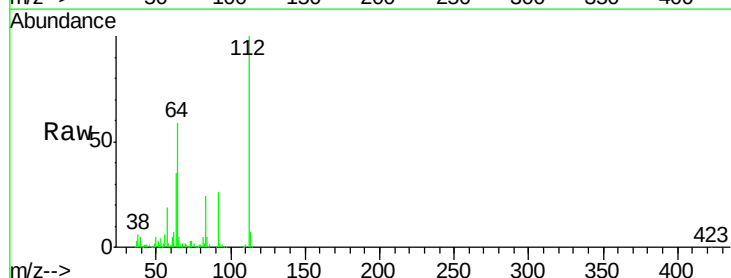
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



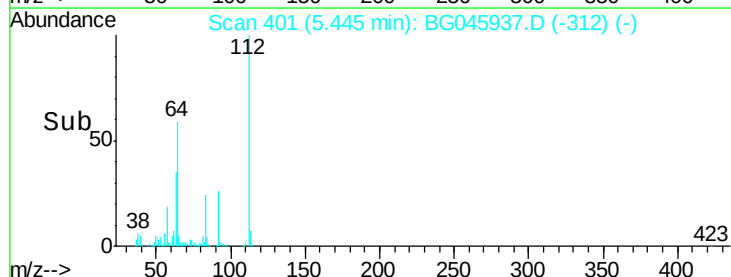
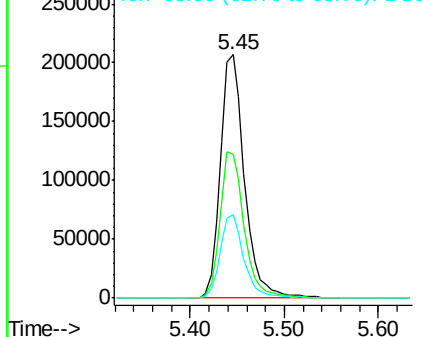
#5

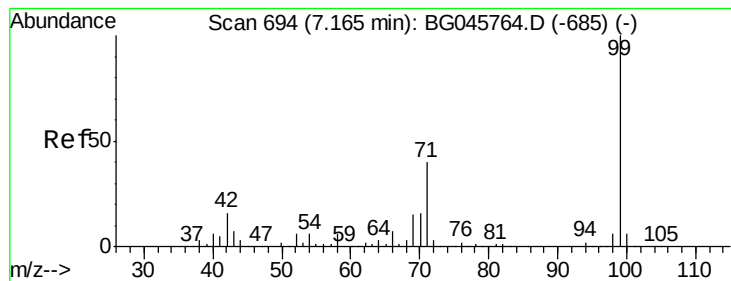
2-Fluorophenol
Concen: 138.507 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045937.D
Acq: 3 Jul 2020 7:27

Tgt Ion:112 Resp: 370654
Ion Ratio Lower Upper
112 100
64 58.9 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: 109.899 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045937.D

Acq: 3 Jul 2020 7:27

Instrument :

BNA_G

ClientSampleId :

MH-2-COMP

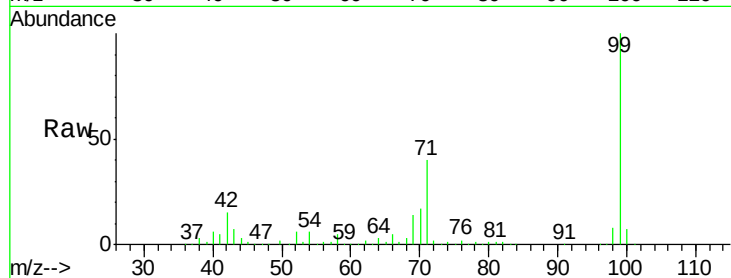
Tot Ion: 99 Resp: 447348

Ion Ratio Lower Upper

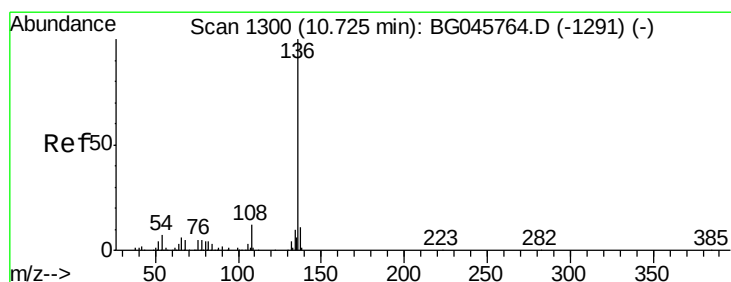
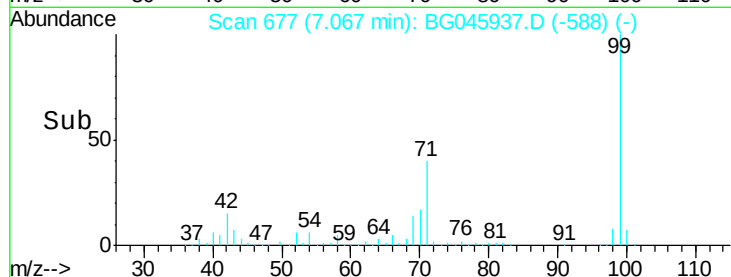
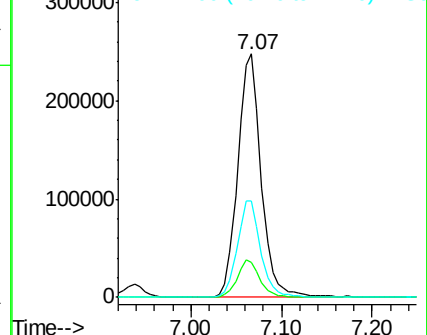
99 100

42 14.5 11.8 17.8

71 39.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG045937.D

Acq: 3 Jul 2020 7:27

Tgt Ion: 136 Resp: 174195

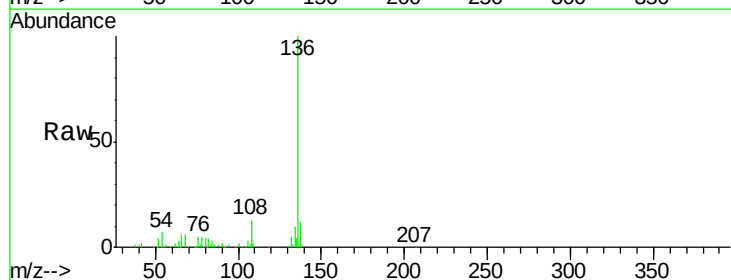
Ion Ratio Lower Upper

136 100

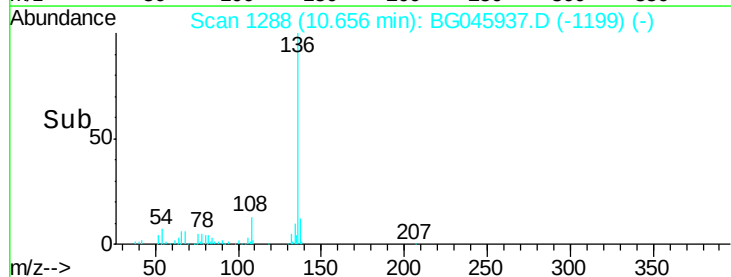
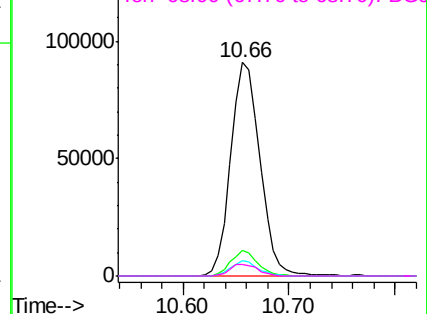
137 12.1 8.2 12.4

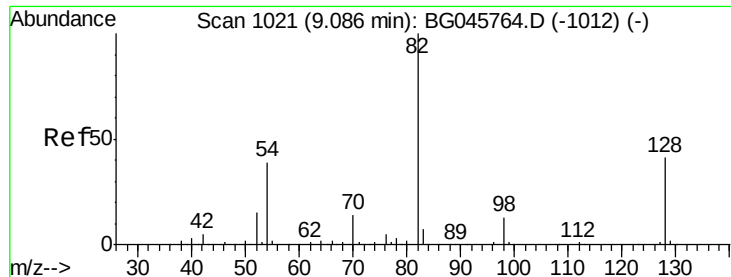
54 6.9 4.6 7.0

68 5.6 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

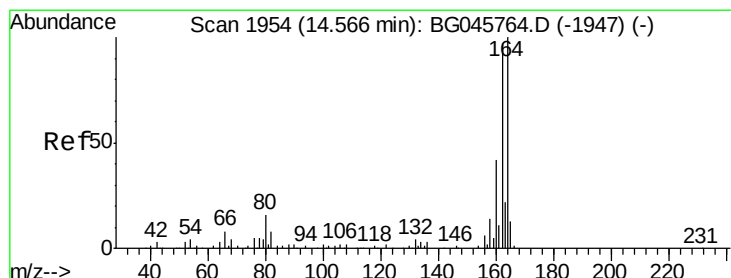
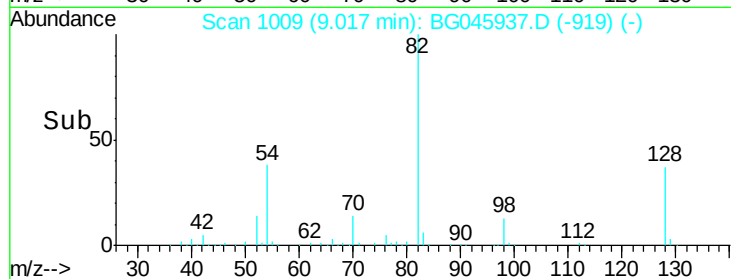
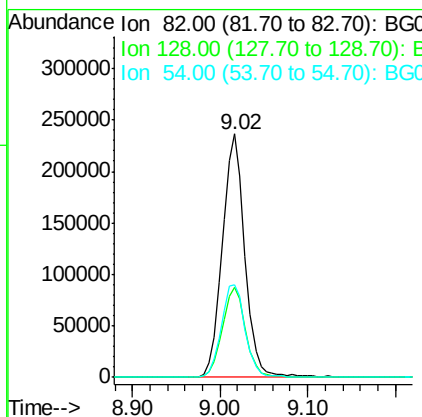
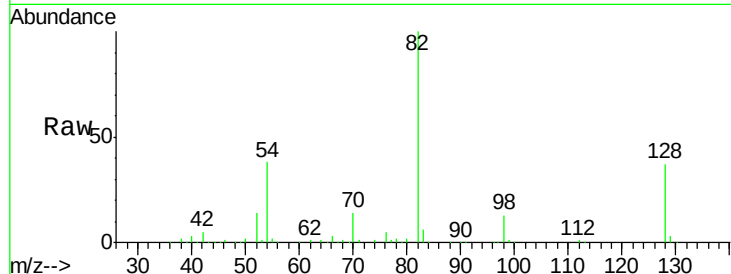




#23
 Nitrobenzene-d5
 Concen: 109.906 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045937.D
 Acq: 3 Jul 2020 7:27

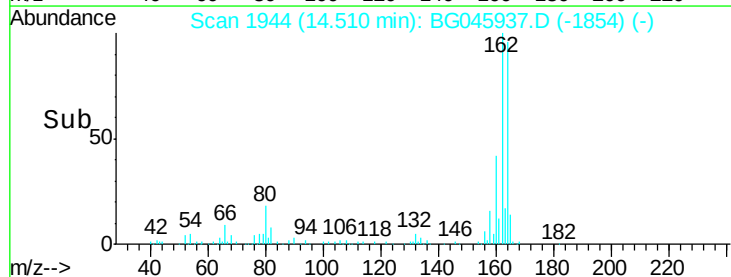
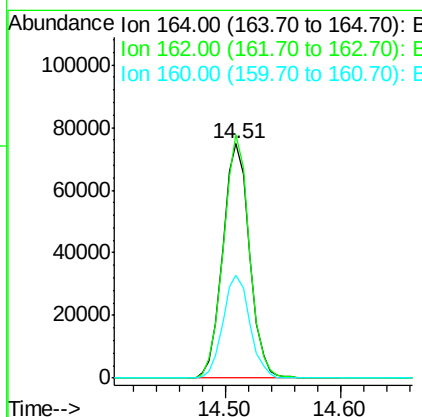
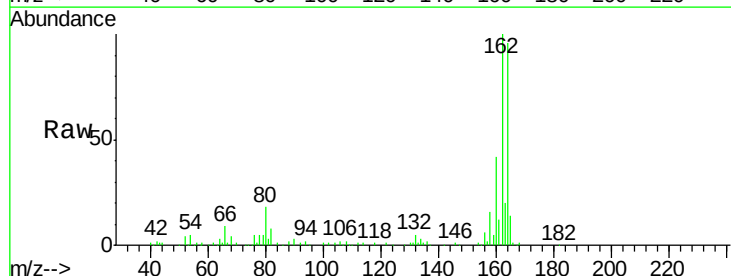
Instrument :
 BNA_G
 ClientSampleId :
 MH-2-COMP

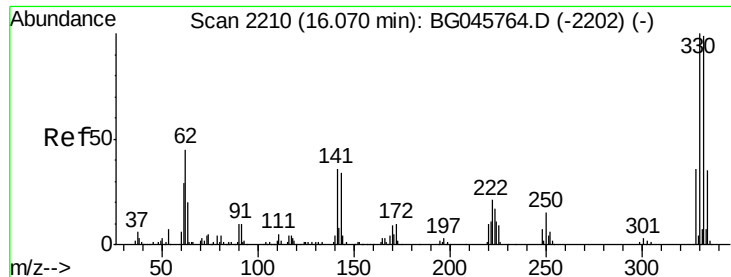
Tot Ion: 82 Resp: 419081
 Ion Ratio Lower Upper
 82 100
 128 37.2 29.9 44.9
 54 38.3 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045937.D
 Acq: 3 Jul 2020 7:27

Tgt Ion: 164 Resp: 119815
 Ion Ratio Lower Upper
 164 100
 162 103.8 78.8 118.2
 160 43.9 33.8 50.6





#42

2,4,6-Tribromophenol

Concen: 148.119 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG045937.D

Acq: 3 Jul 2020 7:27

Instrument :

BNA_G

ClientSampleId :

MH-2-COMP

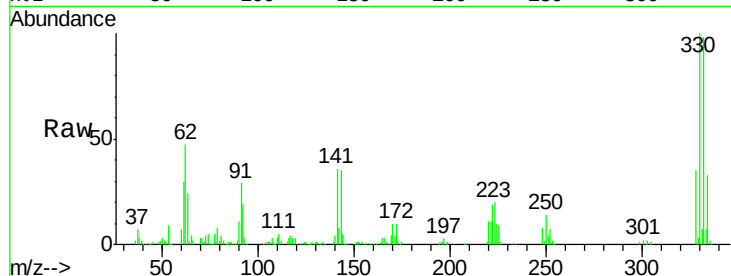
Tot Ion:330 Resp: 267931

Ion Ratio Lower Upper

330 100

332 96.0 79.4 119.0

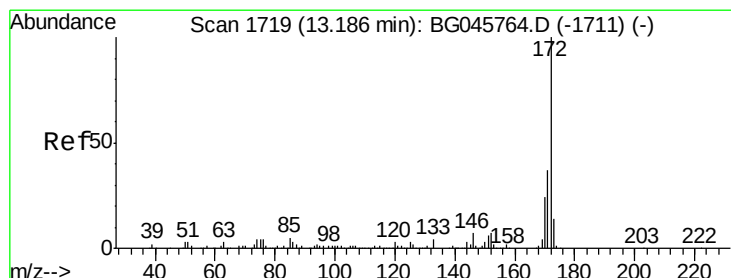
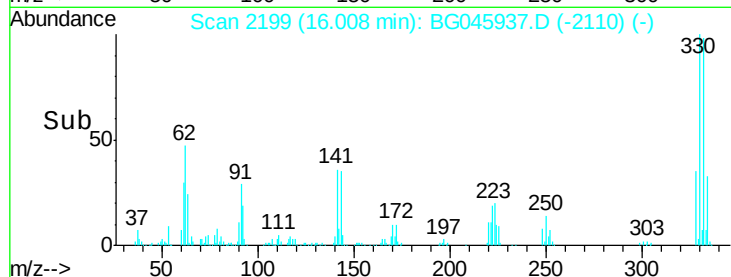
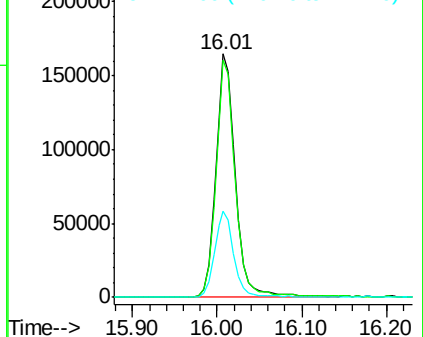
141 34.9 28.2 42.2



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: 110.939 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG045937.D

Acq: 3 Jul 2020 7:27

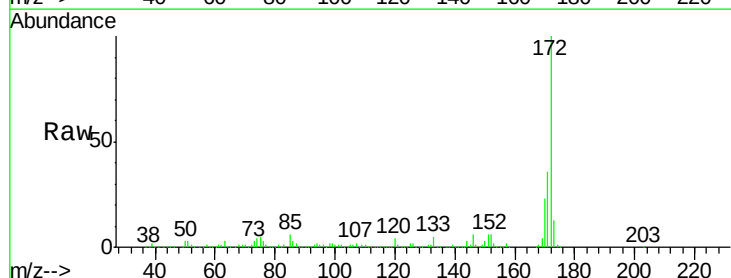
Tgt Ion:172 Resp: 904500

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

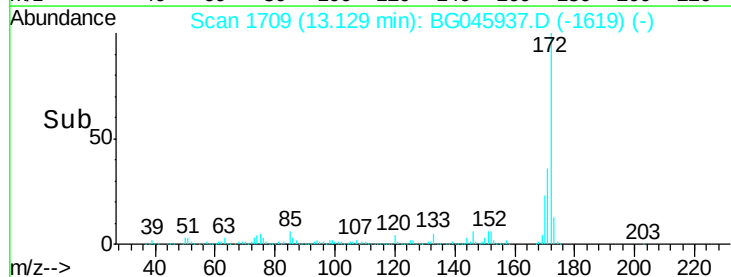
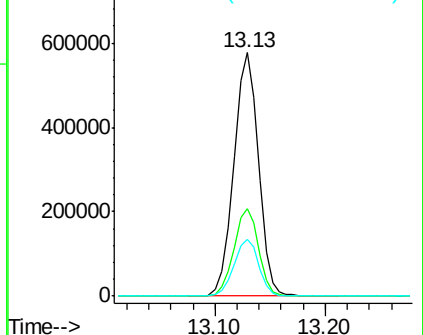
170 23.3 18.9 28.3

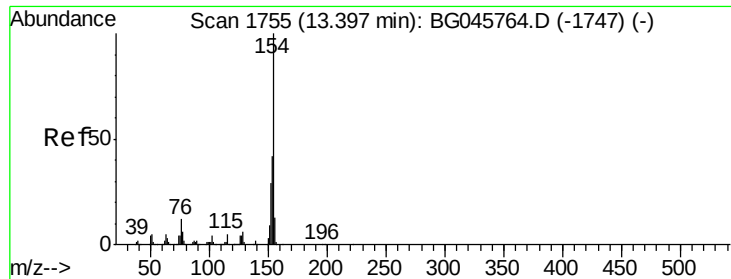


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

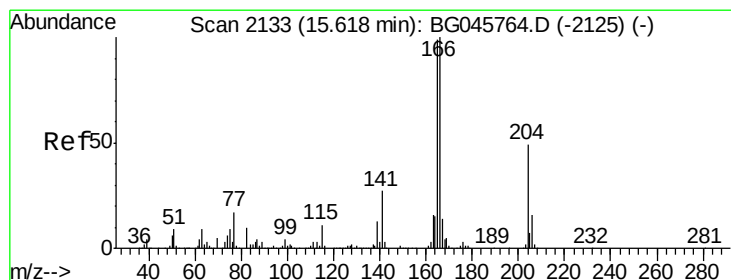
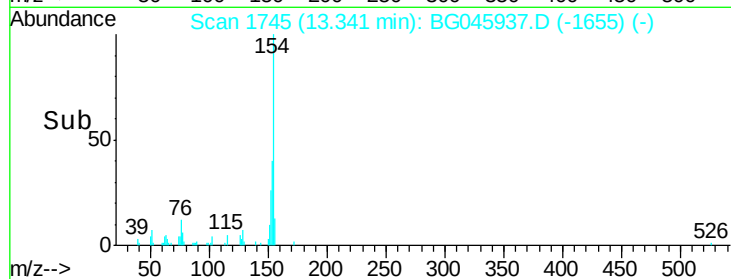
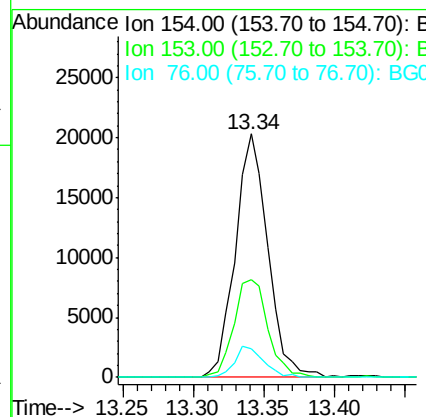
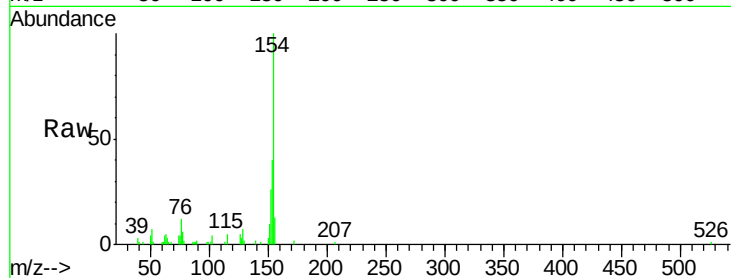




#46
 1,1'-Biphenyl
 Concen: 3.795 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG045937.D
 Acq: 3 Jul 2020 7:27

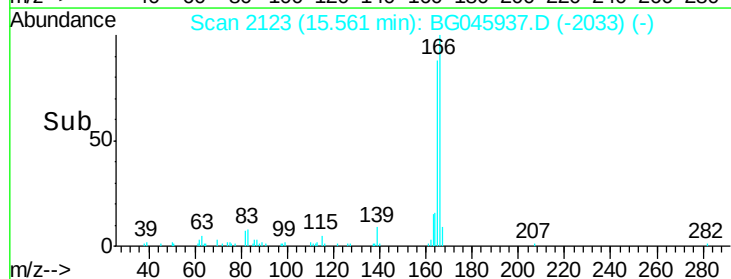
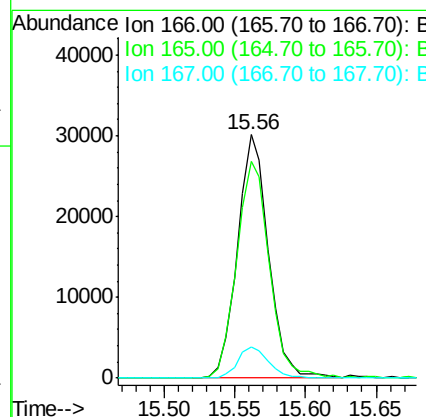
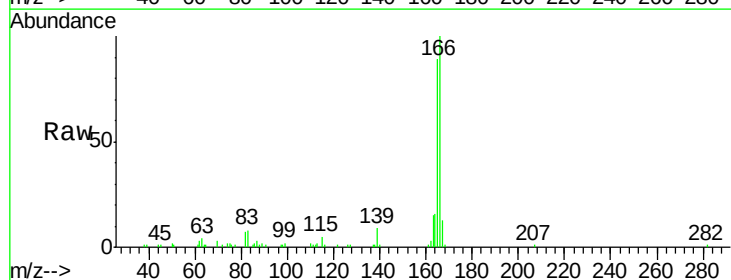
Instrument :
 BNA_G
 ClientSampled :
 MH-2-COMP

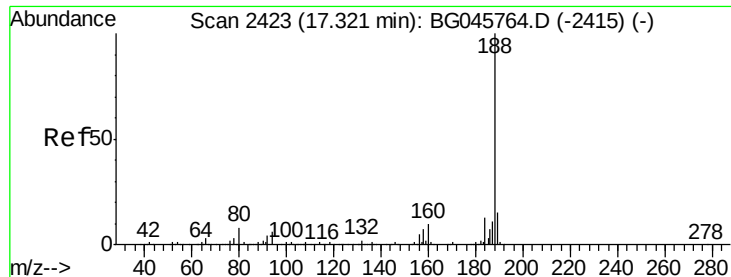
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.8	0.0	32.9



#58
 Fluorene
 Concen: 5.068 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG045937.D
 Acq: 3 Jul 2020 7:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	88.8	76.9	115.3
167	12.8	11.3	16.9

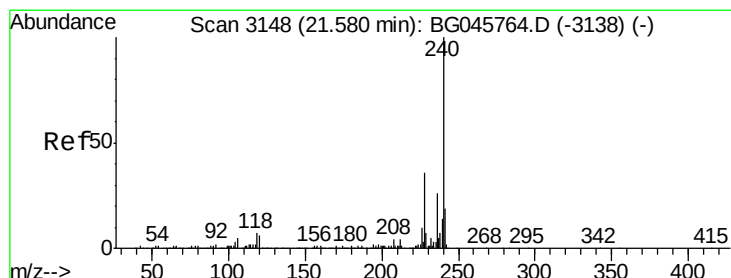
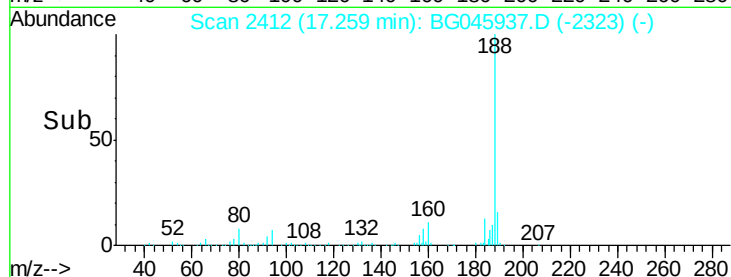
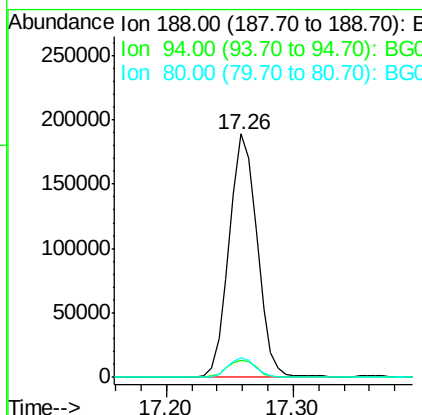
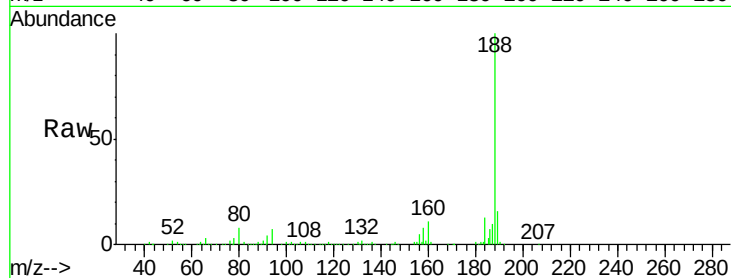




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG045937.D
Acq: 3 Jul 2020 7:27

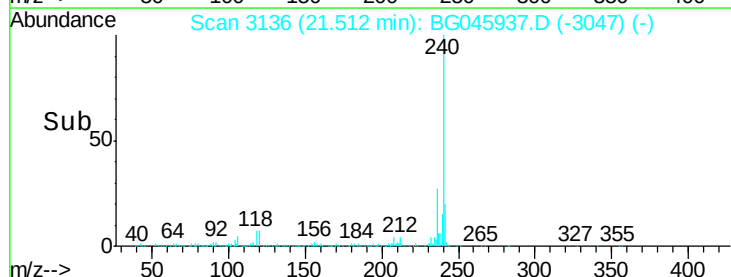
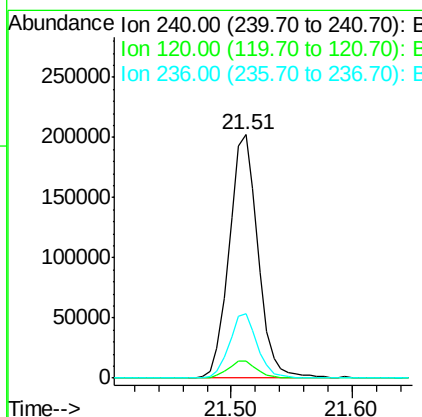
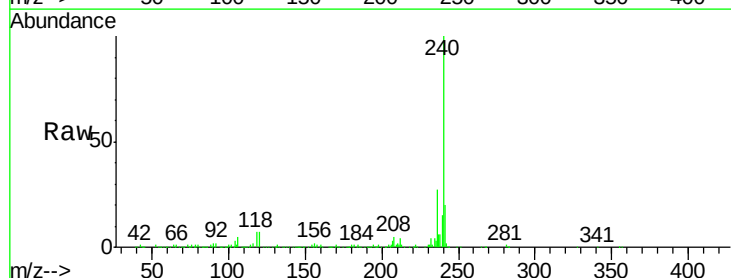
Instrument :
BNA_G
ClientSampleId :
MH-2-COMP

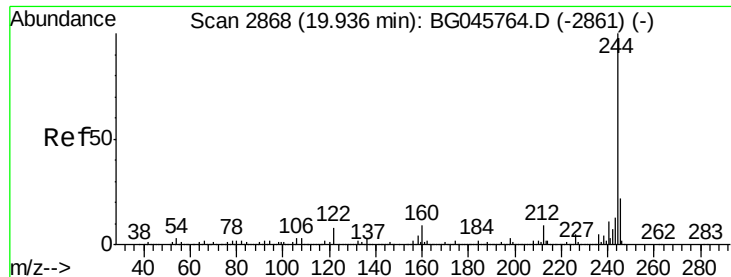
Tot Ion:188 Resp: 288830
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 7.9 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045937.D
Acq: 3 Jul 2020 7:27

Tgt Ion:240 Resp: 335153
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 109.202 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045937.D

Acq: 3 Jul 2020 7:27

Instrument :

BNA_G

ClientSampleId :

MH-2-COMP

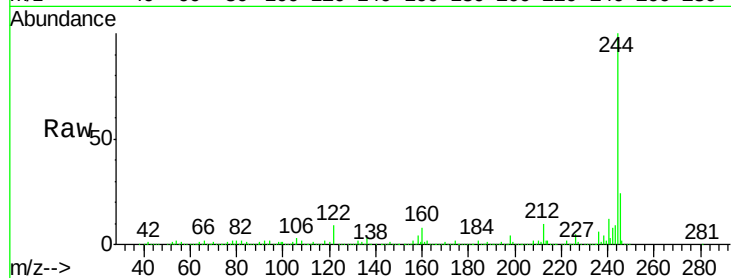
Tot Ion:244 Resp: 1805955

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

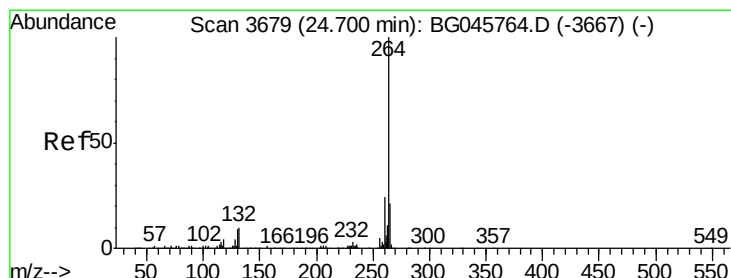
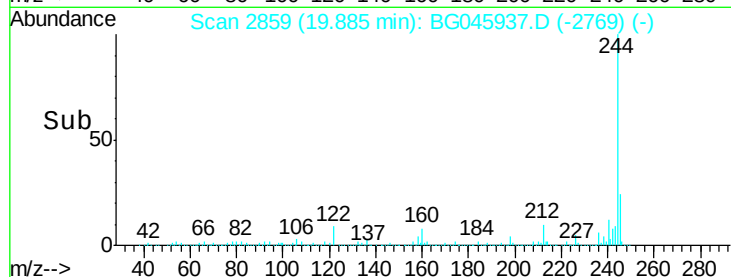
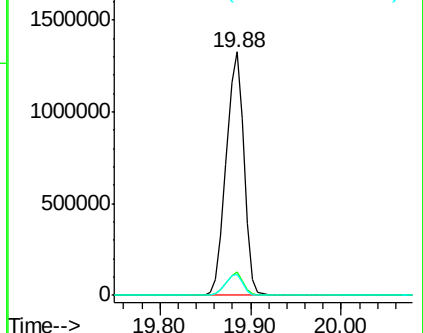
122 8.5 6.6 9.8



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: BG045937.D

Acq: 3 Jul 2020 7:27

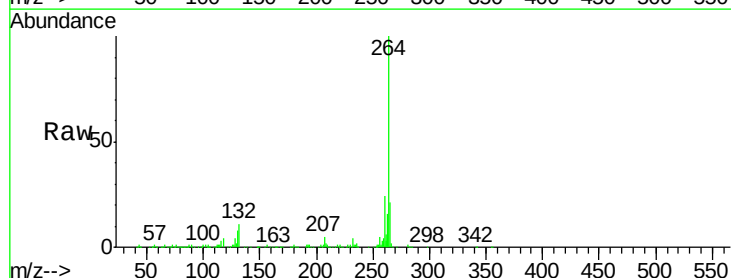
Tgt Ion:264 Resp: 339750

Ion Ratio Lower Upper

264 100

260 24.4 18.5 27.7

265 21.3 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

