

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045812.D
 Acq On : 19 Jun 2020 12:45
 Operator : CG/JU
 Sample : L3033-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-200616

Quant Time: Jun 19 14:57:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

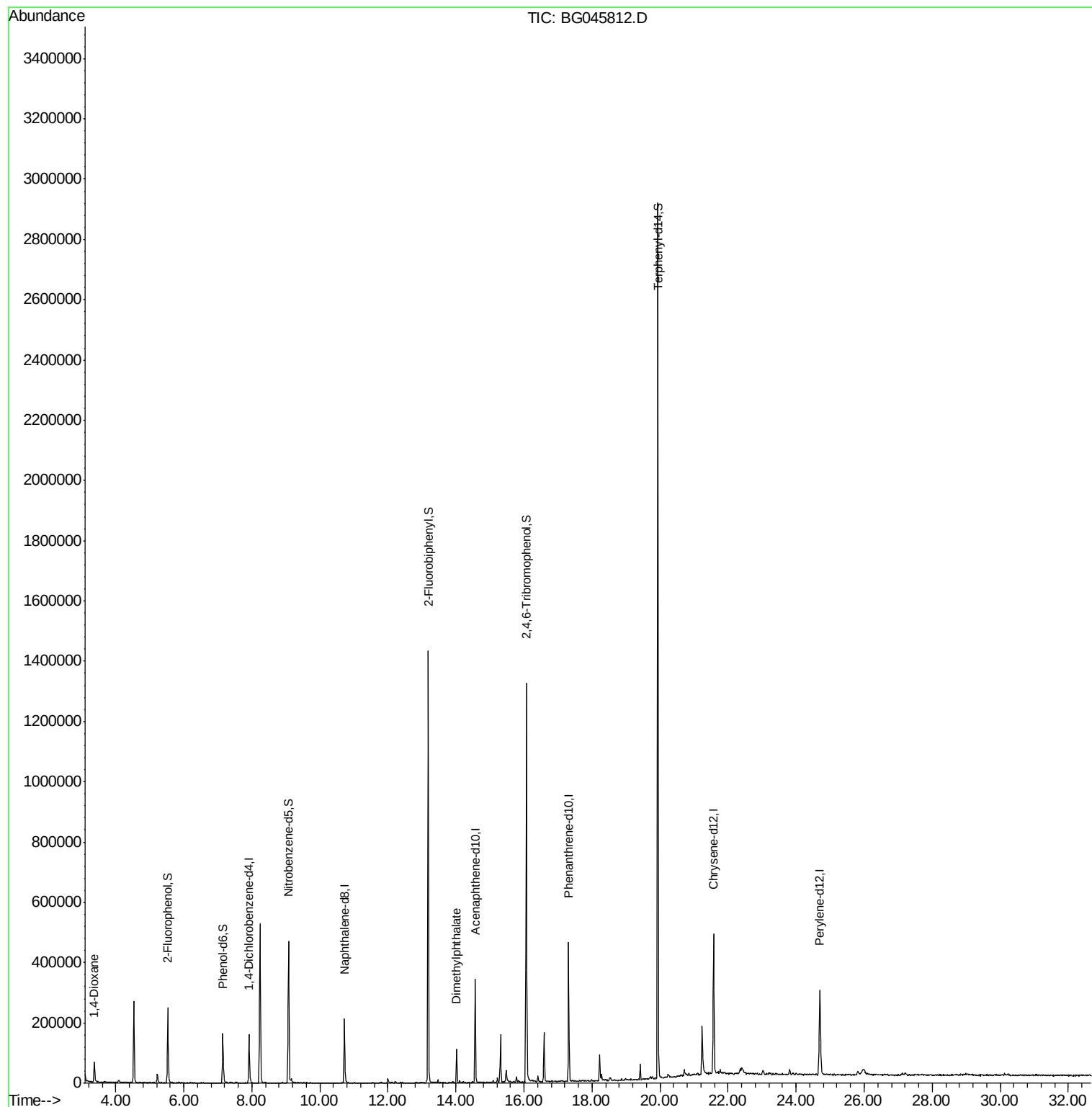
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	47505	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	183281	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	127397	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	292953	20.00	ng	0.00
76) Chrysene-d12	21.57	240	295422	20.00	ng	0.00
86) Perylene-d12	24.70	264	321524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	127871	45.47	ng	0.00
7) Phenol-d6	7.14	99	114594	26.79	ng	-0.02
23) Nitrobenzene-d5	9.08	82	325259	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	251603	130.81	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	755230	87.12	ng	0.00
79) Terphenyl-d14	19.93	244	1404306	96.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	51498	39.982	ng	98
50) Dimethylphthalate	14.02	163	75989	7.614	ng	96

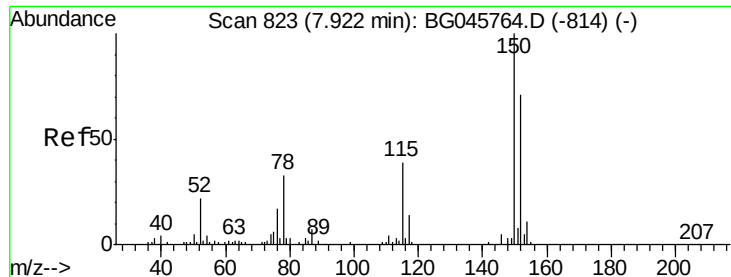
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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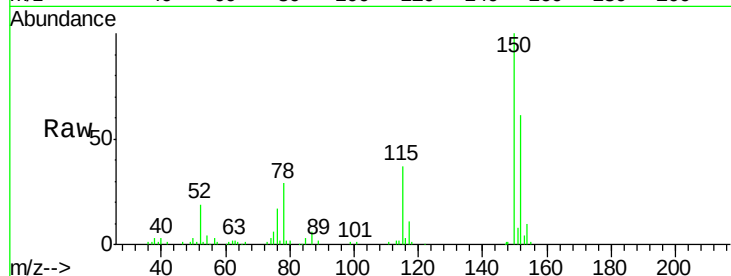


#1

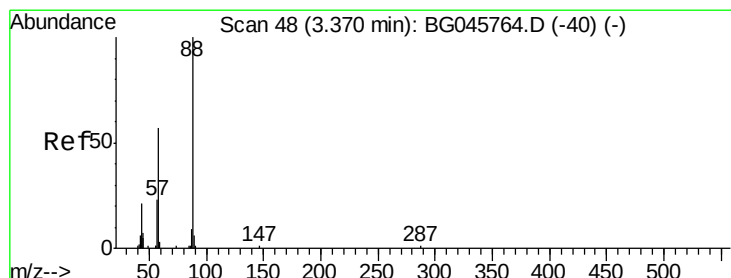
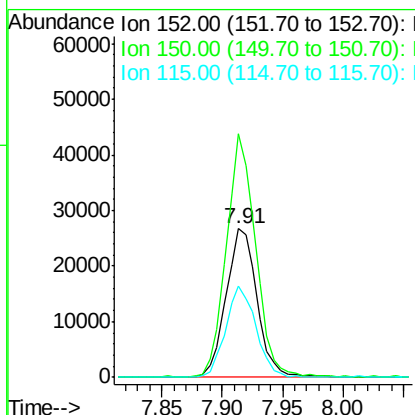
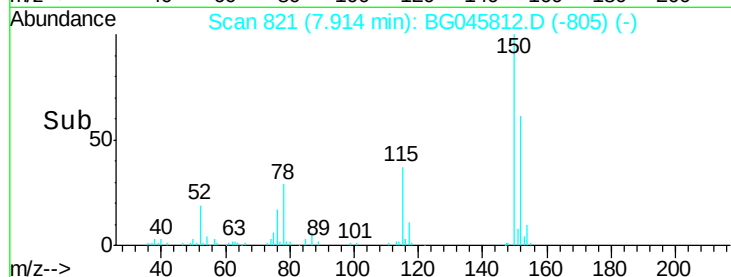
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	113.1	169.7
115	61.2	43.8	65.6



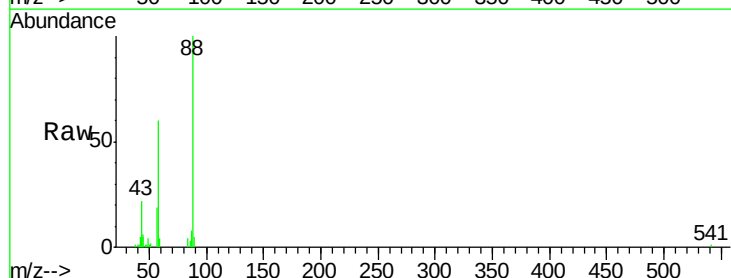
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



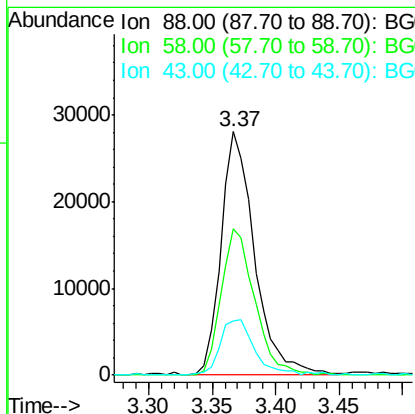
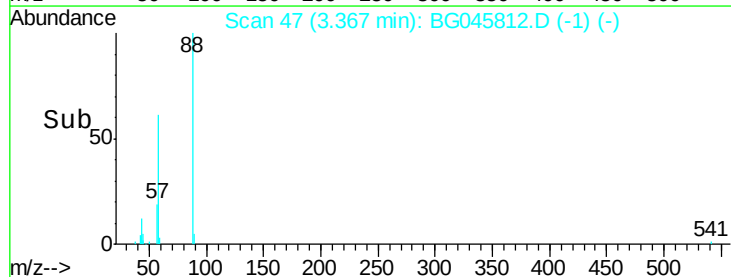
#2

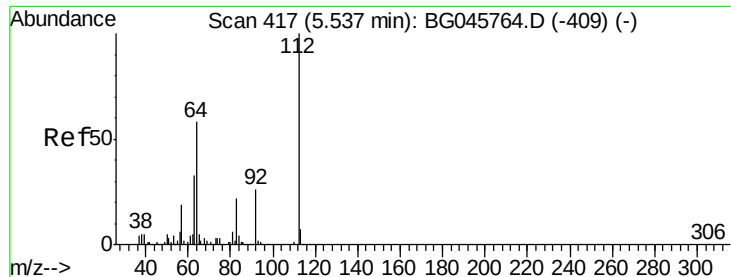
1,4-Dioxane
Concen: 39.982 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	46.1	69.1
43	23.4	19.2	28.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 45.470 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

Instrument :

BNA_G

ClientSampleId :

LF001MW003-200616

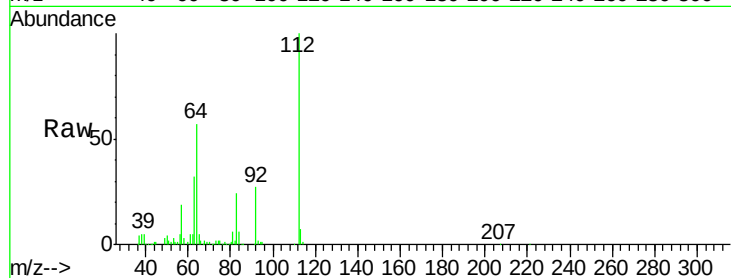
Tot Ion:112 Resp: 127871

Ion Ratio Lower Upper

112 100

64 57.3 46.6 69.8

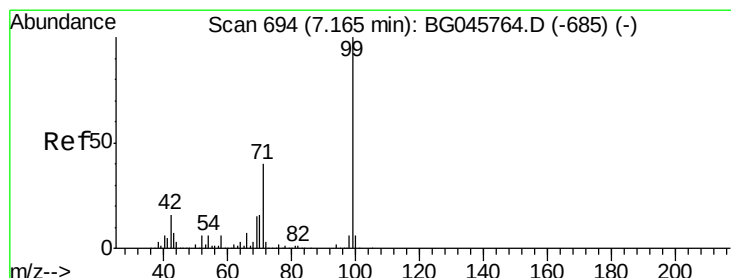
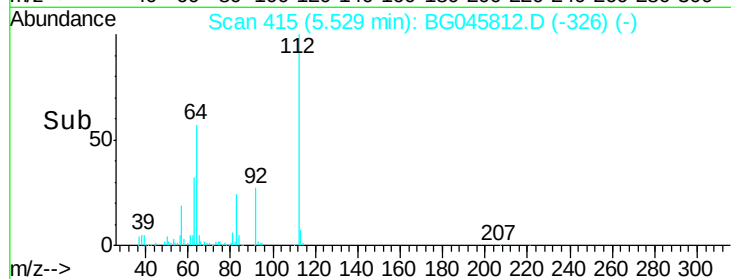
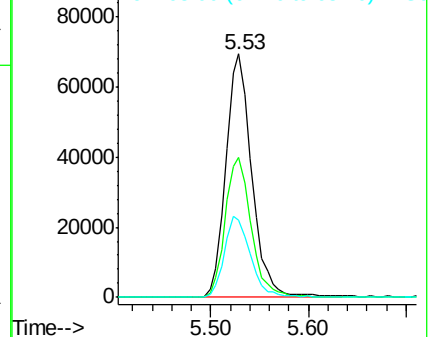
63 31.8 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 26.789 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

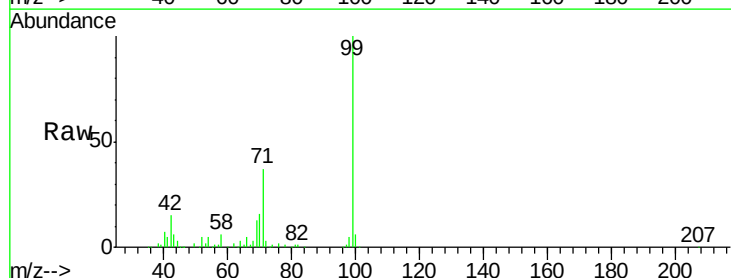
Tgt Ion: 99 Resp: 114594

Ion Ratio Lower Upper

99 100

42 15.4 12.4 18.6

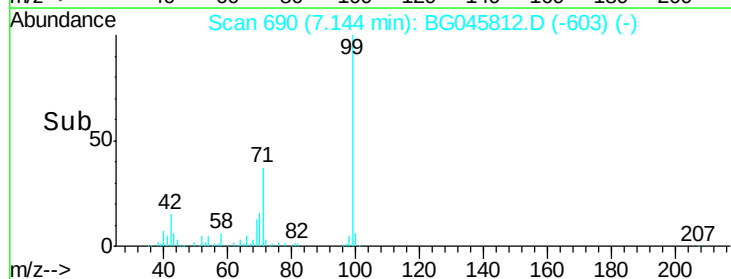
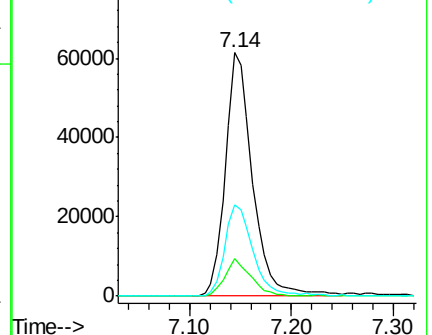
71 37.3 32.1 48.1

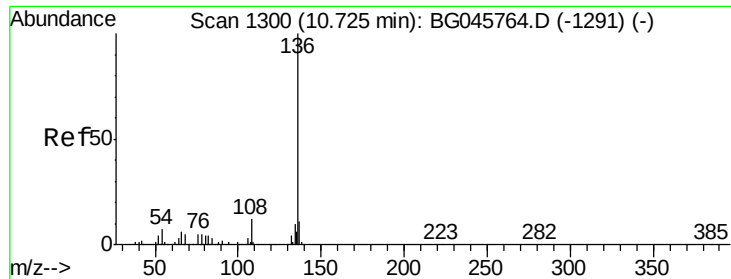


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

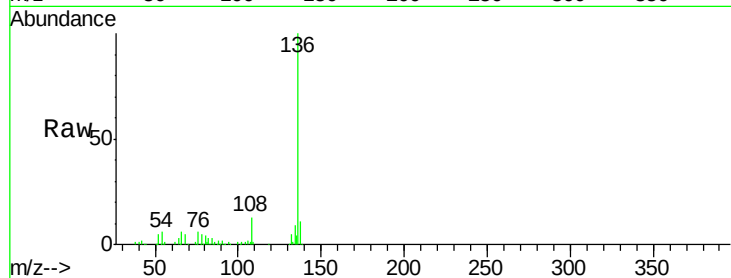




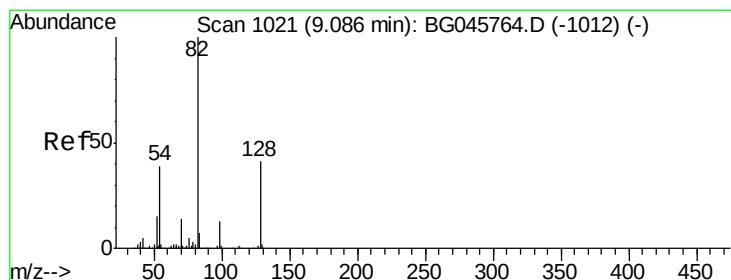
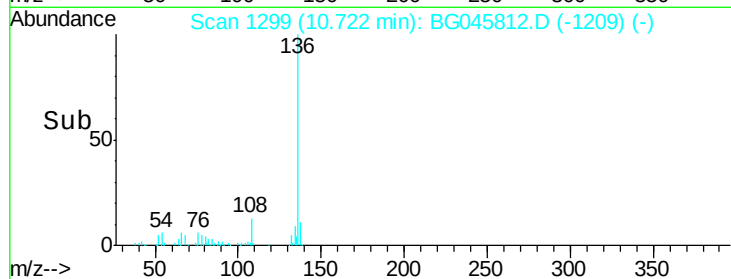
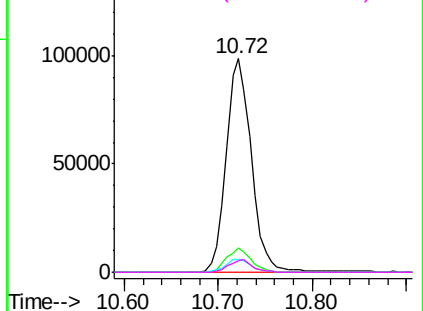
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tot Ion:136	Resp:	183281
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.7	13.1
54 6.2	5.8	8.6
68 5.5	4.0	6.0

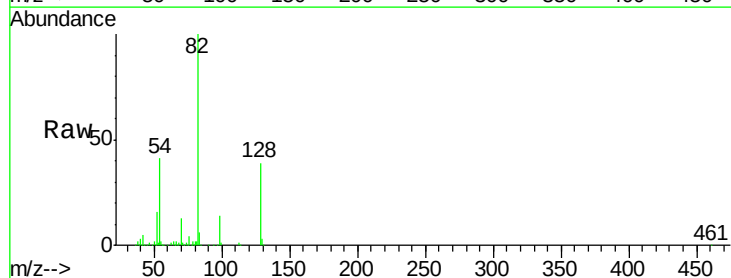


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

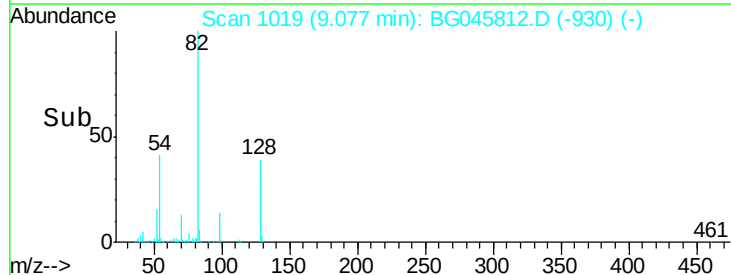
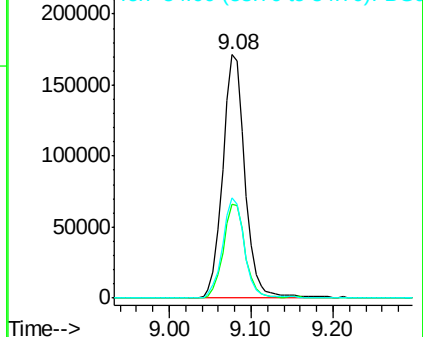


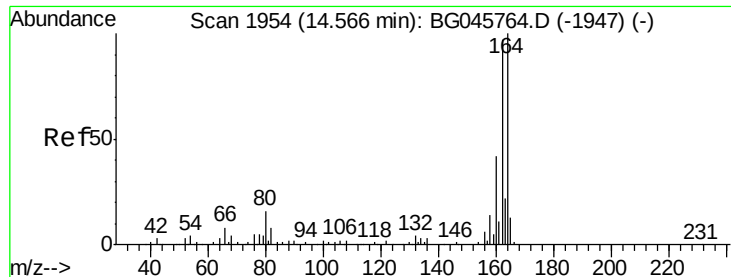
#23
Nitrobenzene-d5
Concen: 81.072 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion	82	Resp: Lower	325259 Upper
	Ratio 100		
128	38.8	32.5	48.7
54	41.1	31.2	46.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

Instrument :

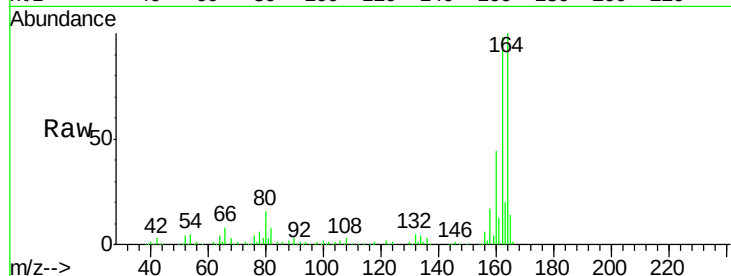
BNA_G

ClientSampleId :

LF001MW003-200616

Tot Ion:164 Resp: 127397

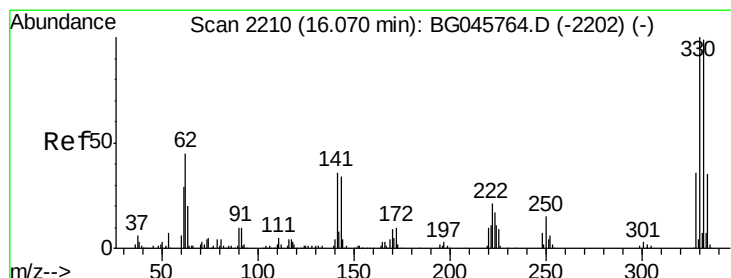
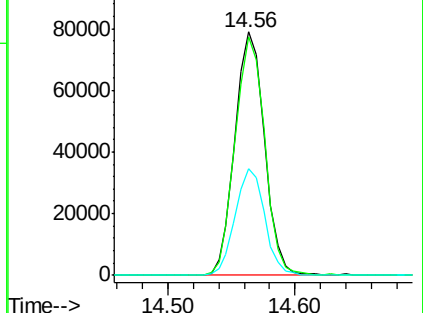
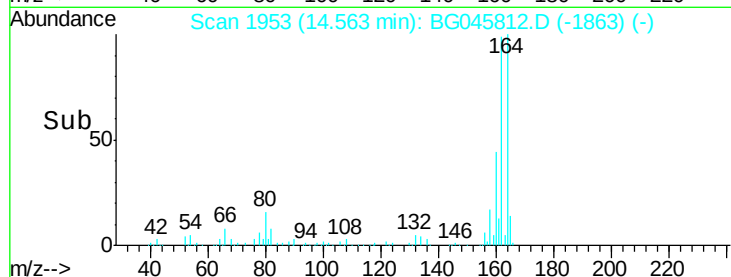
Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.4	116.0
160	43.6	33.3	49.9



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: 130.814 ng

RT: 16.07 min Scan# 2209

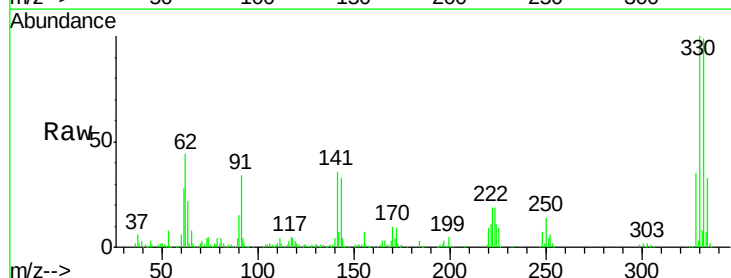
Delta R.T. -0.00 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

Tgt Ion:330 Resp: 251603

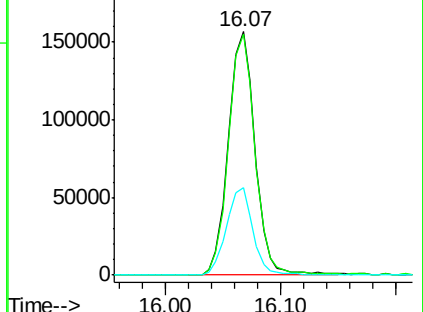
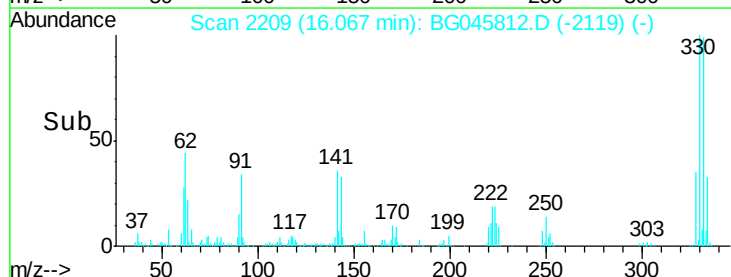
Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	35.2	28.2	42.4

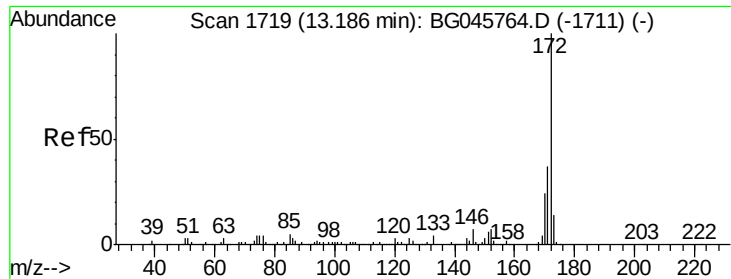


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

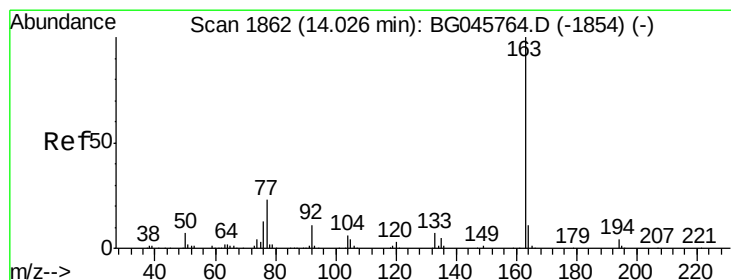
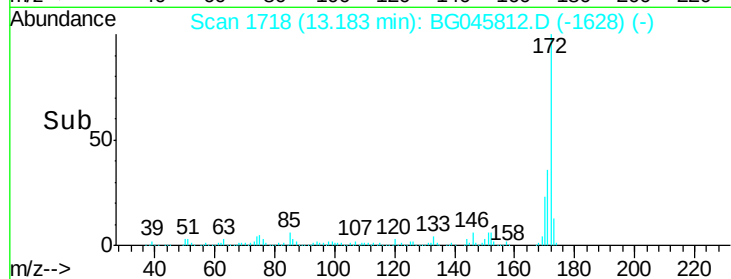
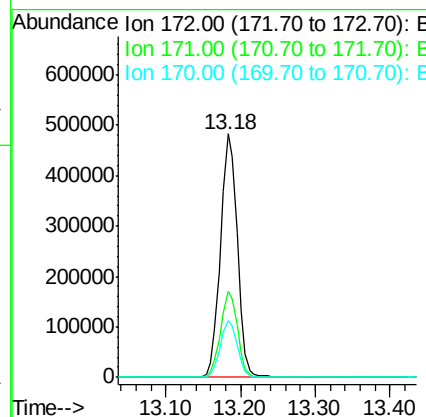
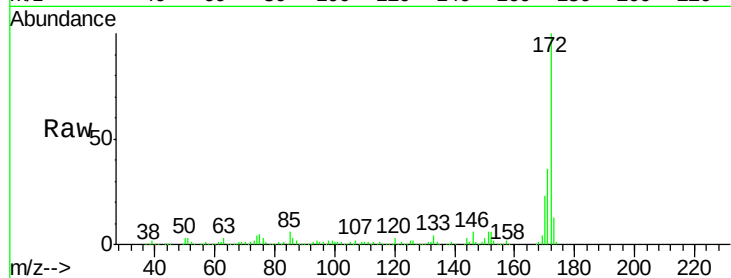




#45
2-Fluorobiphenyl
Concen: 87.118 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

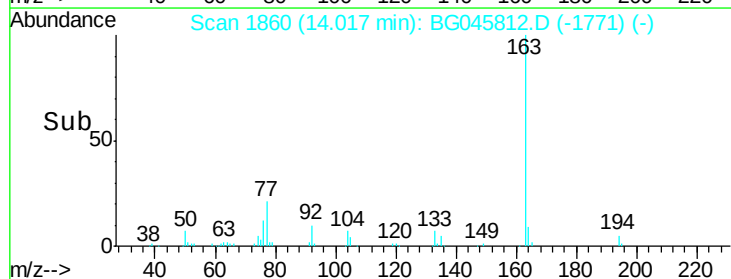
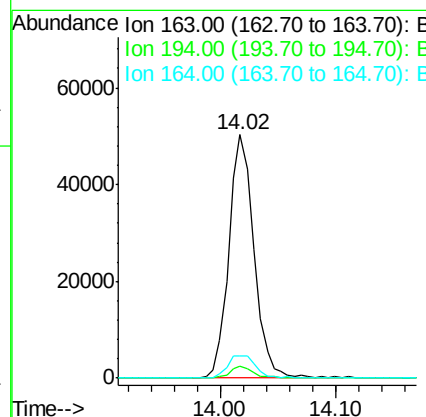
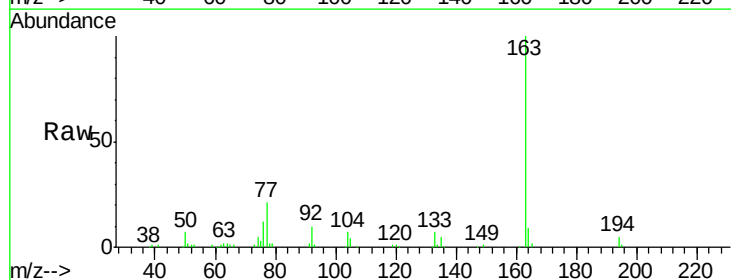
Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

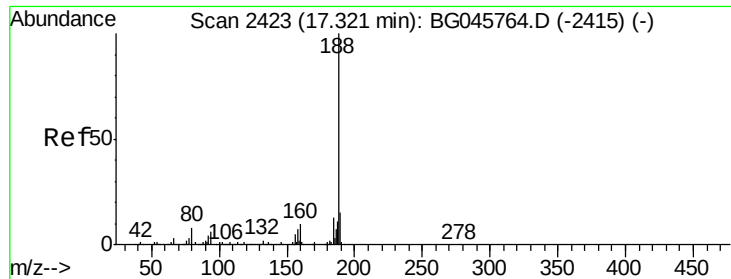
Tot Ion:172 Resp: 755230
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 23.3 19.3 28.9



#50
Dimethylphthalate
Concen: 7.614 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion:163 Resp: 75989
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 9.2 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

Instrument :

BNA_G

ClientSampleId :

LF001MW003-200616

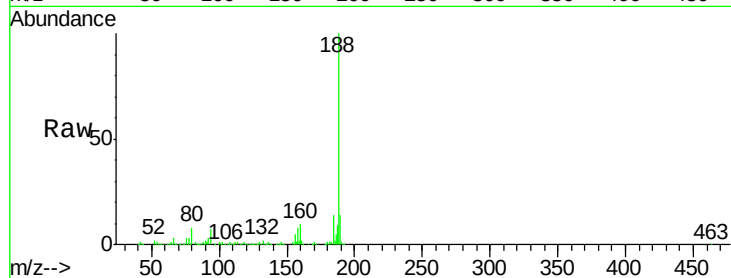
Tot Ion:188 Resp: 292953

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

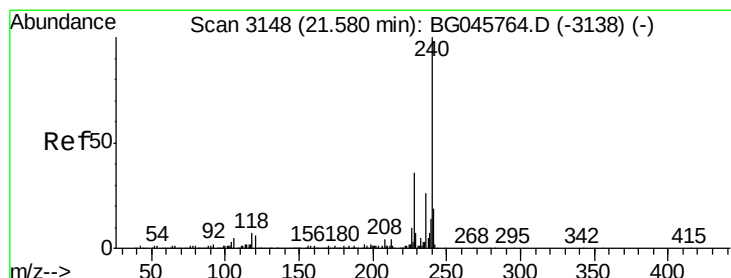
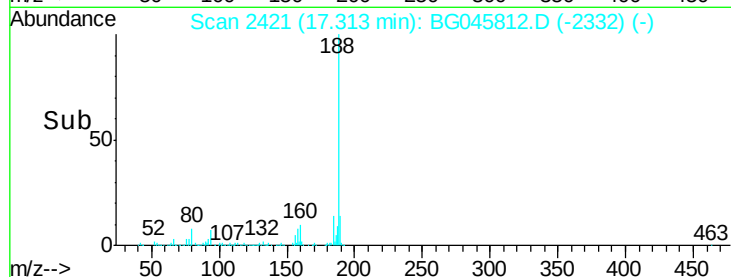
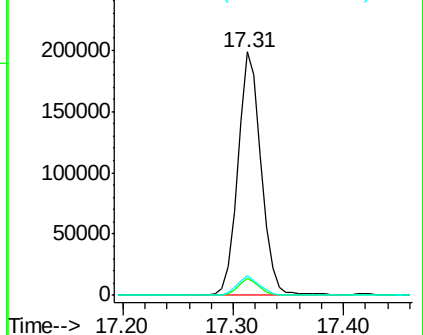
80 7.9 6.2 9.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

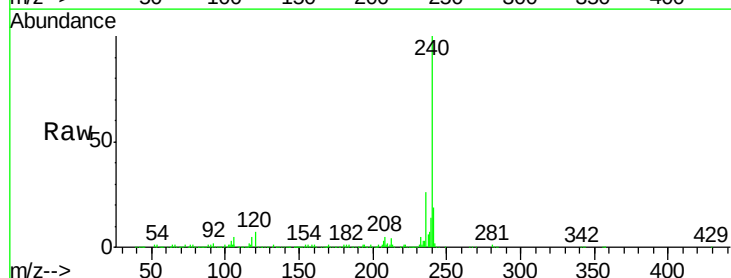
Tgt Ion:240 Resp: 295422

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

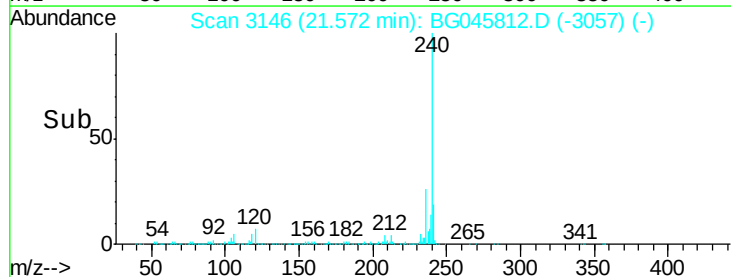
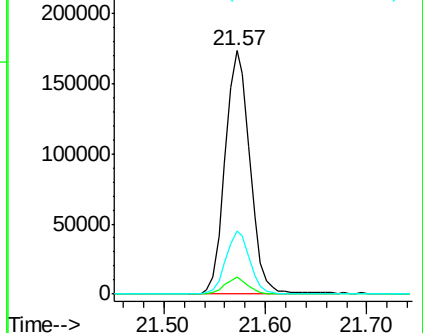
236 26.2 20.6 30.8

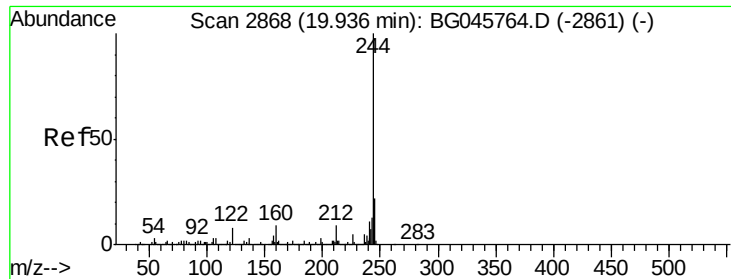


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.335 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045812.D

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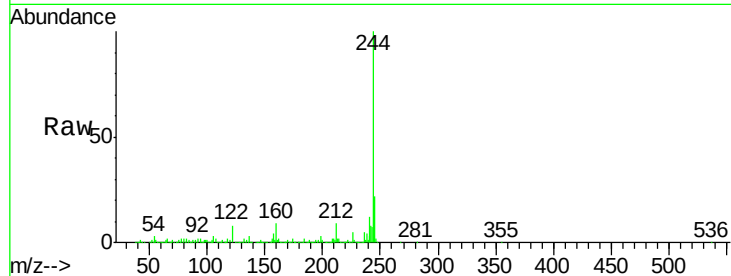
Tot Ion:244 Resp: 1404306

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

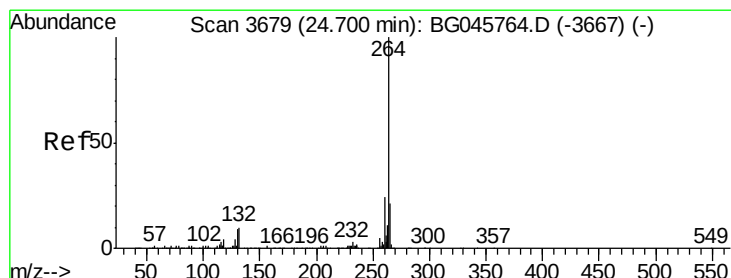
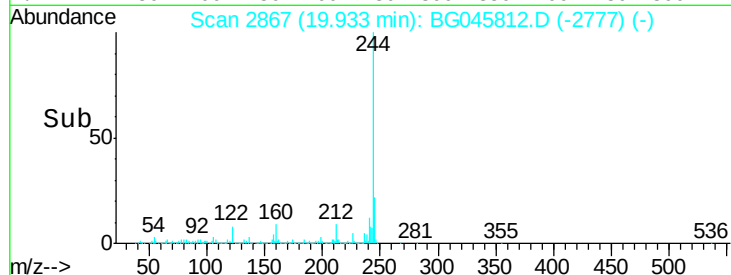
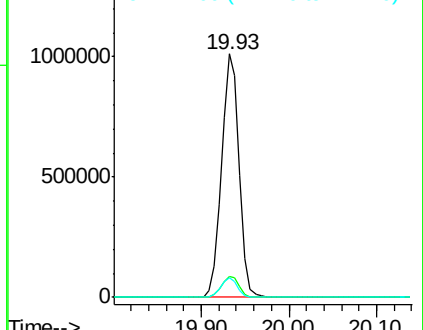
122 8.3 6.4 9.6



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: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG045812.D

Acq: 19 Jun 2020 12:45

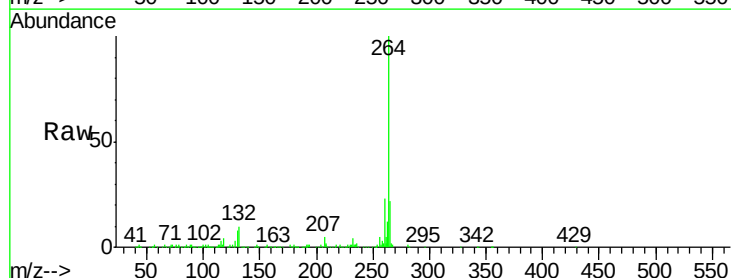
Tgt Ion:264 Resp: 321524

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 22.2 17.4 26.0



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

