

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044778.D
 Acq On : 13 Mar 2020 22:14
 Operator : CG/JU
 Sample : L1752-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-031120

Quant Time: Mar 14 01:14:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

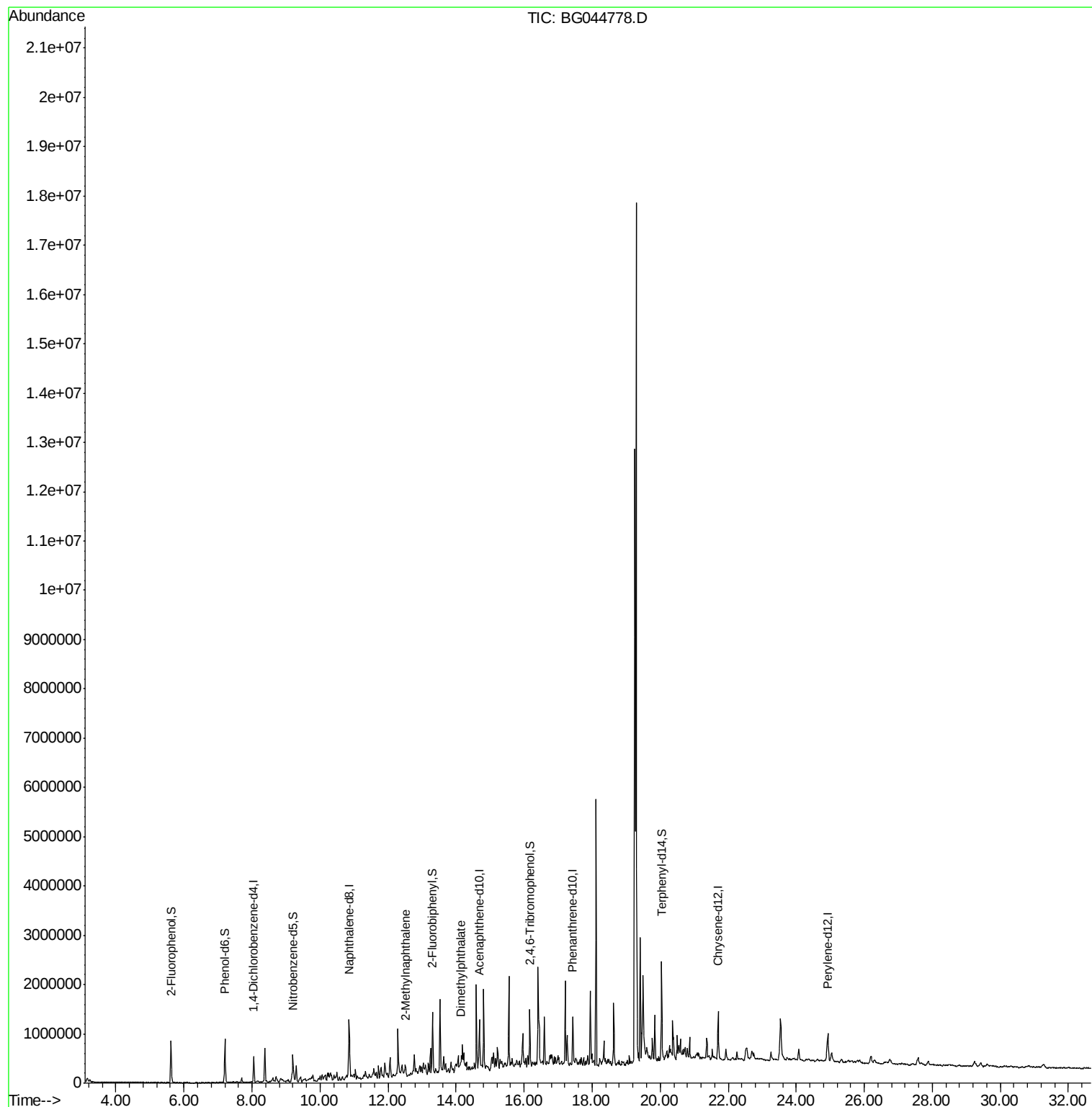
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	133027	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	504688	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	309827	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	621583	20.00	ng	0.00
76) Chrysene-d12	21.70	240	545852	20.00	ng	-0.01
87) Perylene-d12	24.93	264	637571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	373418	43.70	ng	0.00
7) Phenol-d6	7.21	99	545704	43.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	354072	30.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	171691	42.32	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	680508	31.45	ng	0.00
79) Terphenyl-d14	20.05	244	902578	30.93	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.51	142	47640	2.278	ng	# 91
50) Dimethylphthalate	14.13	163	87135	3.531	ng	# 96

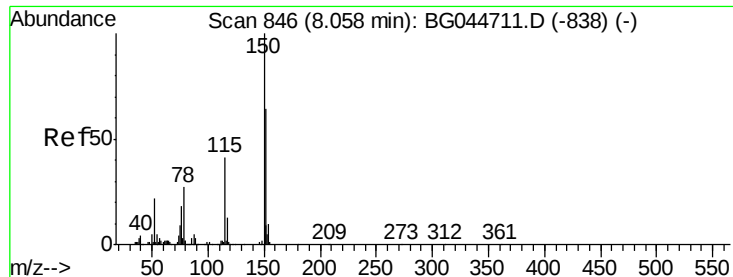
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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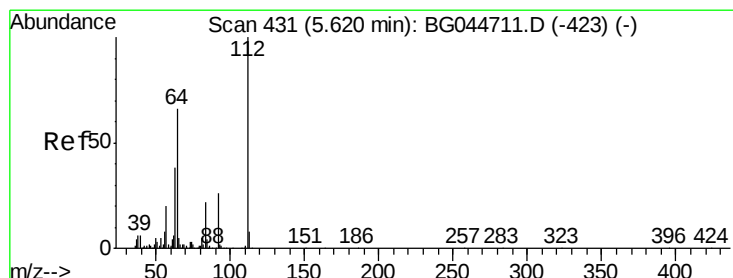
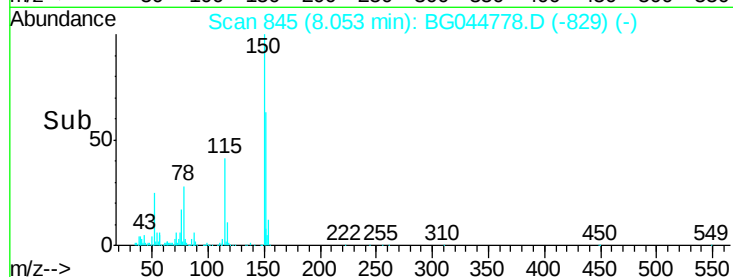
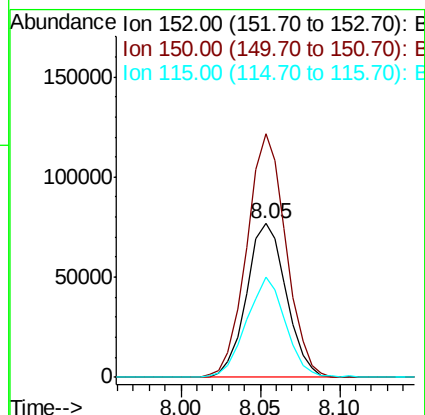
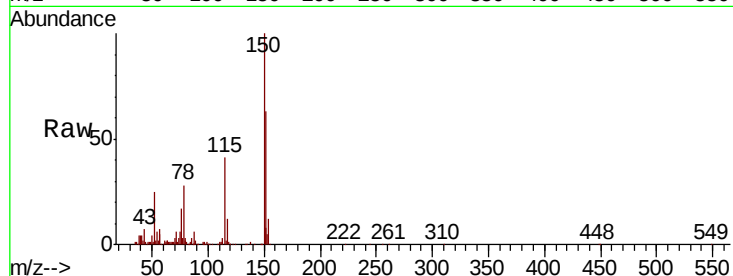


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044778.D
Acq: 13 Mar 2020 22:14

Instrument :
BNA_G
ClientSampleId :
HD-01-031120

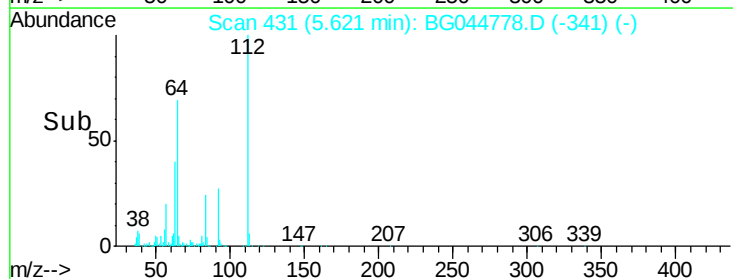
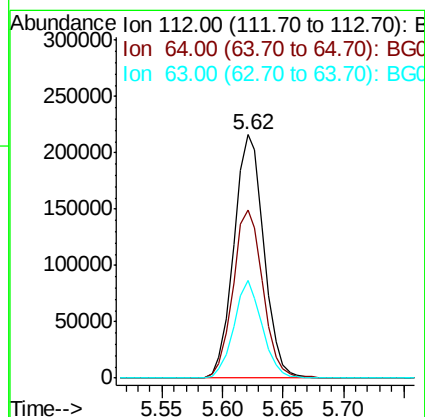
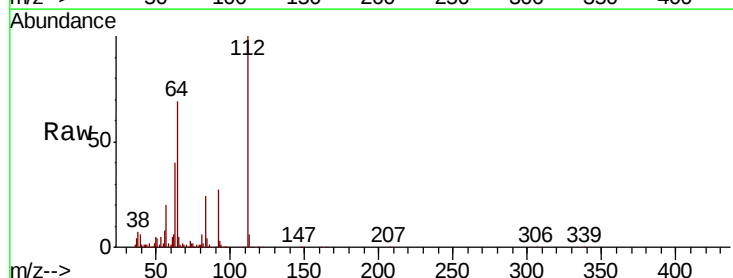
Tot Ion:152 Resp: 133027
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 65.6 51.7 77.5

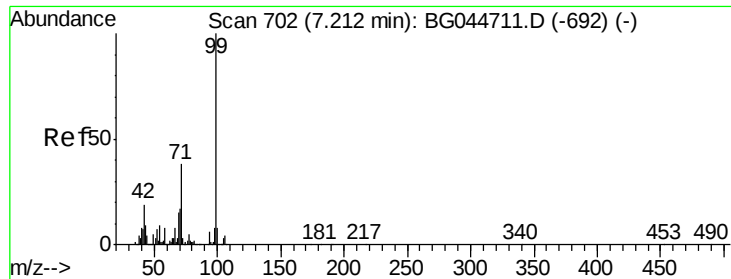


#5

2-Fluorophenol
Concen: 43.698 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044778.D
Acq: 13 Mar 2020 22:14

Tgt Ion:112 Resp: 373418
Ion Ratio Lower Upper
112 100
64 69.2 52.6 78.8
63 40.1 30.2 45.4





#7

Phenol-d6

Concen: 43.952 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

Instrument :

BNA_G

ClientSampleId :

HD-01-031120

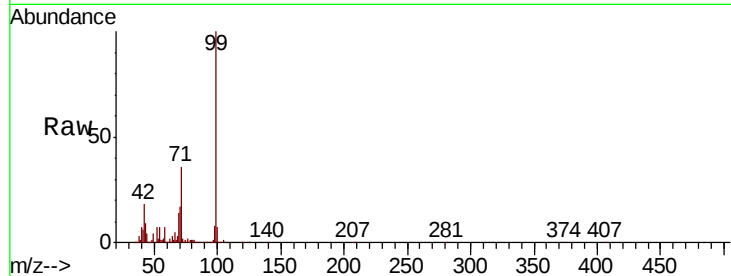
Tot Ion: 99 Resp: 545704

Ion Ratio Lower Upper

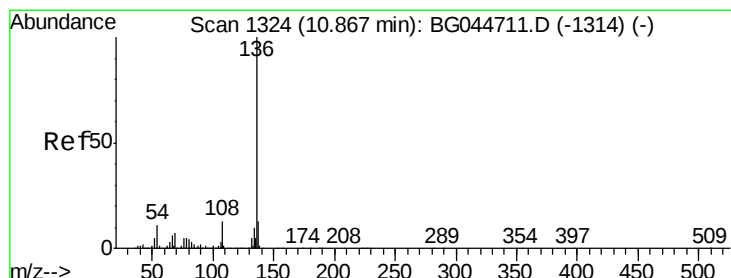
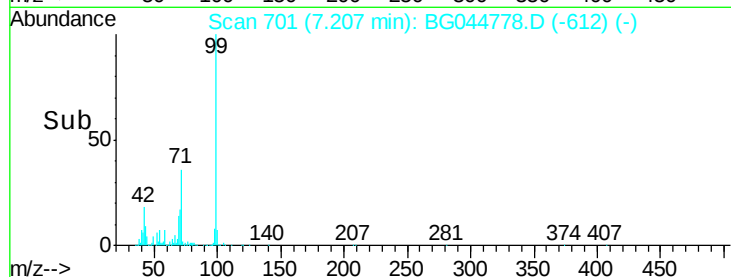
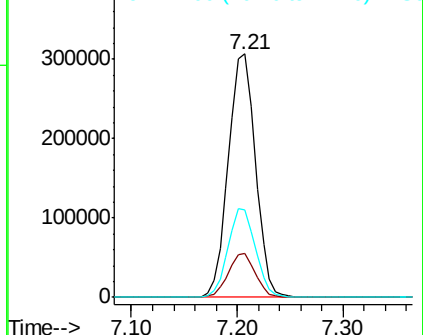
99 100

42 17.8 15.4 23.0

71 35.8 30.2 45.4



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# 1323

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

Tgt Ion: 136 Resp: 504688

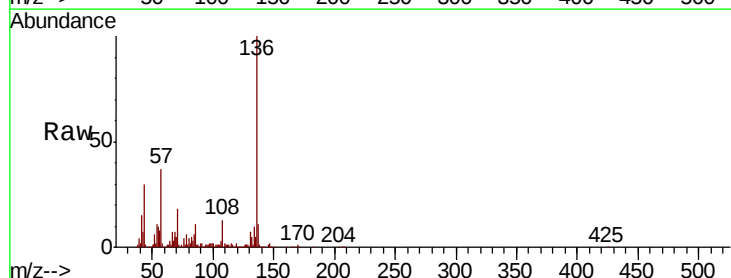
Ion Ratio Lower Upper

136 100

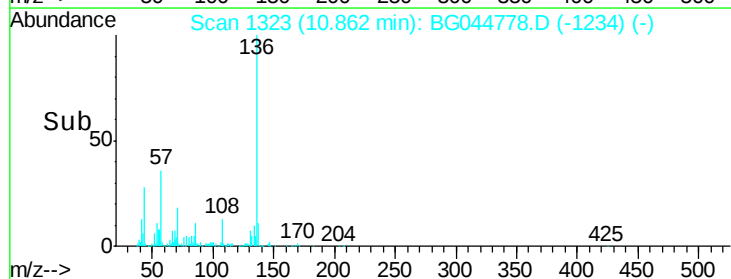
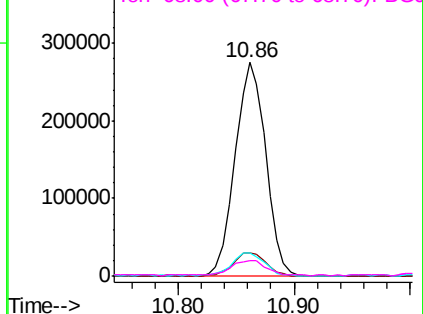
137 10.5 10.7 16.1#

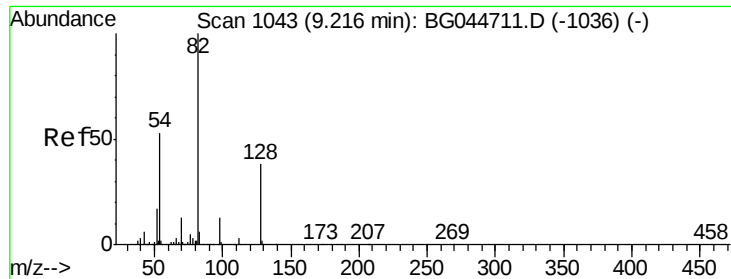
54 11.1 9.0 13.4

68 7.3 5.9 8.9



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

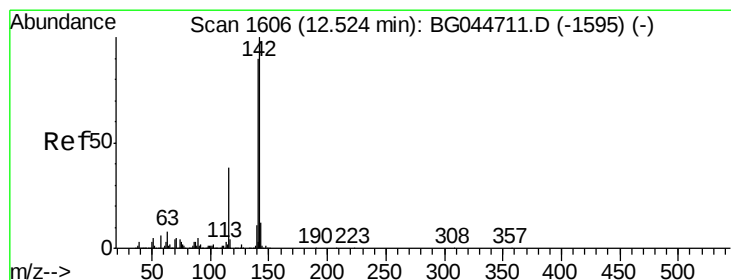
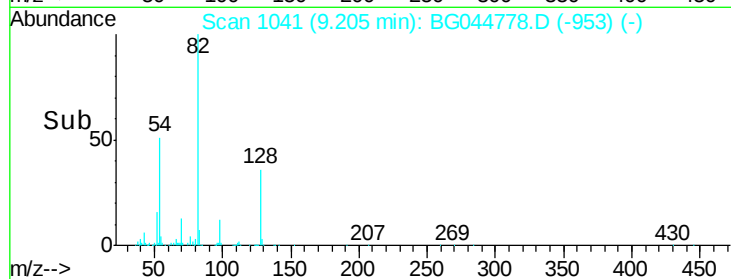
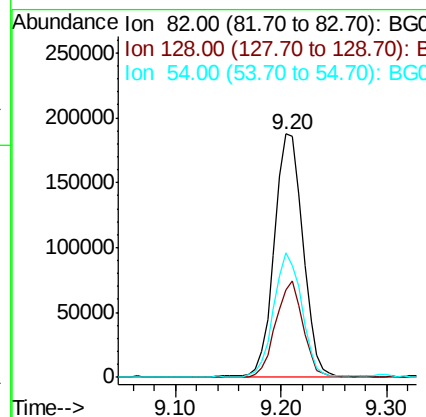
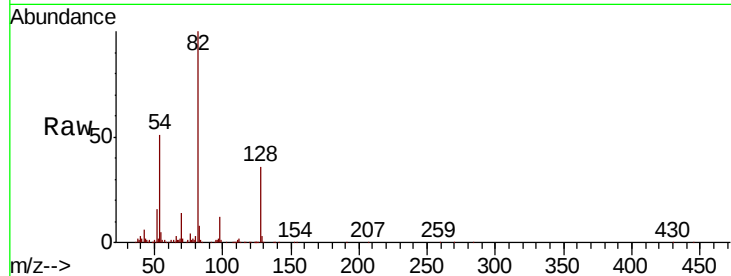




#23
 Nitrobenzene-d5
 Concen: 30.786 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044778.D
 Acq: 13 Mar 2020 22:14

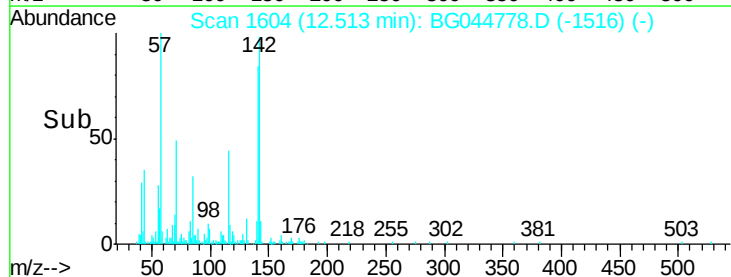
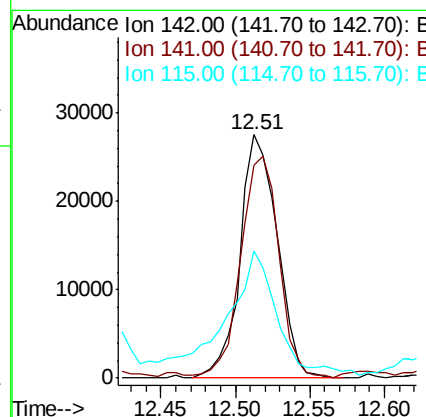
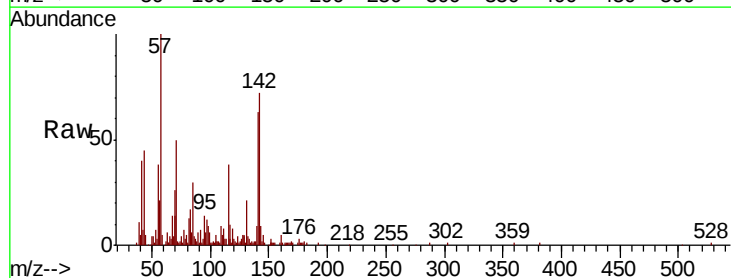
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-031120

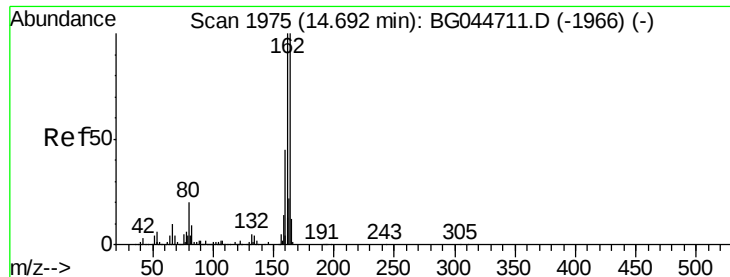
Tot Ion	82.00	Resp	354072
Ion Ratio	Lower	Upper	
82	100		
128	36.1	30.2	45.2
54	51.1	41.8	62.8



#37
 2-Methylnaphthalene
 Concen: 2.278 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG044778.D
 Acq: 13 Mar 2020 22:14

Tgt Ion	142	Resp	47640
Ion Ratio	Lower	Upper	
142	100		
141	87.2	72.3	108.5
115	52.4	30.6	45.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

Instrument :

BNA_G

ClientSampleId :

HD-01-031120

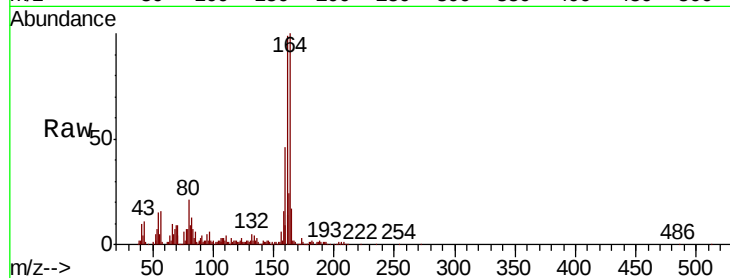
Tot Ion:164 Resp: 309827

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

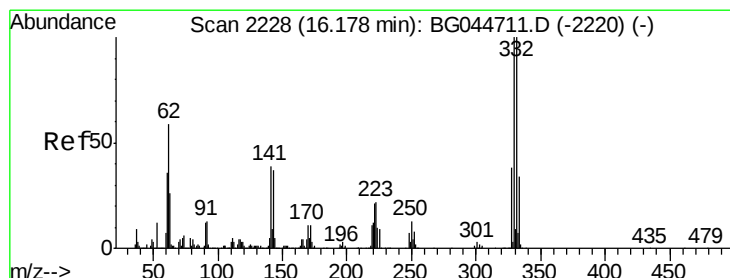
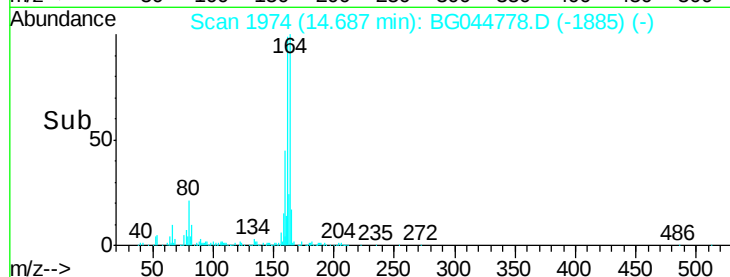
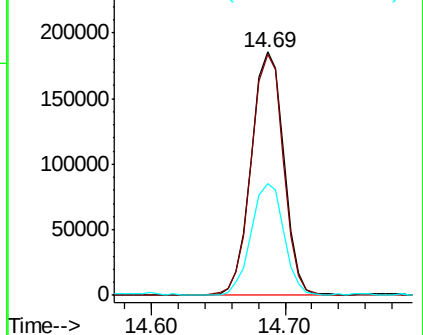
160 45.9 36.2 54.2



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: 42.323 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

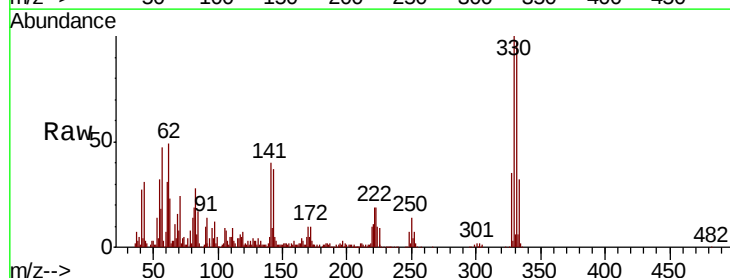
Tgt Ion:330 Resp: 171691

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

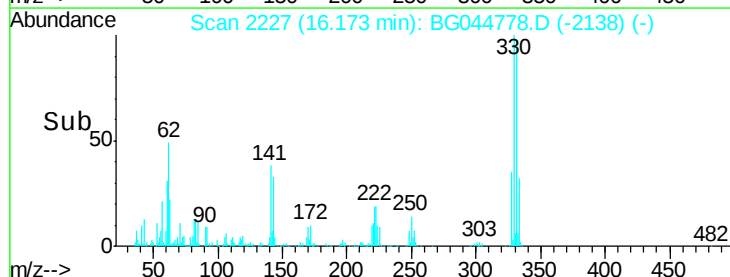
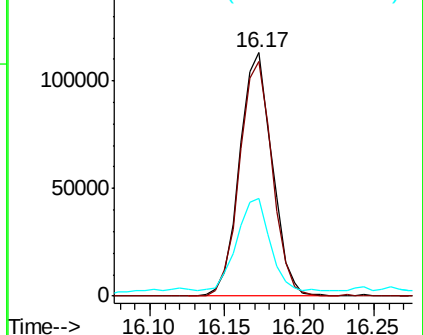
141 38.8 31.7 47.5

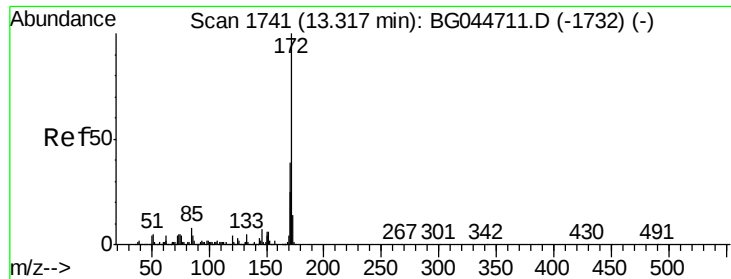


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

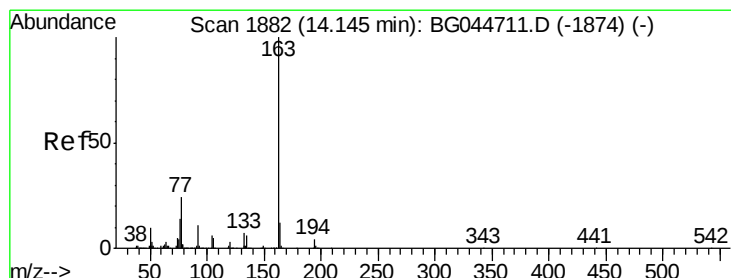
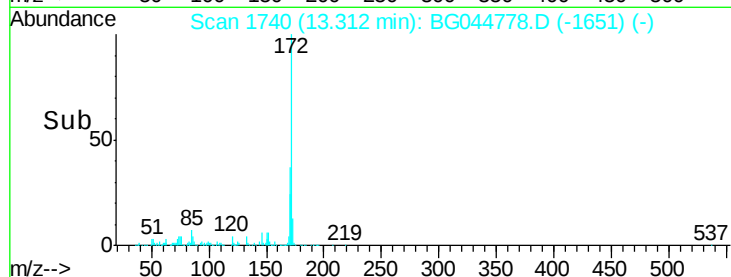
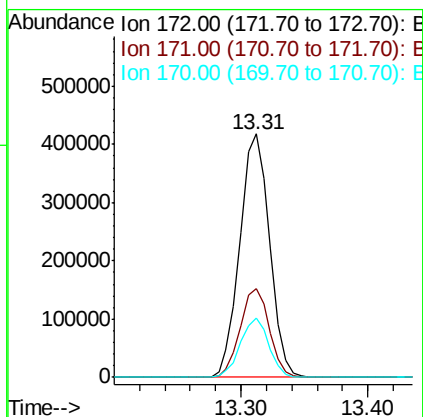
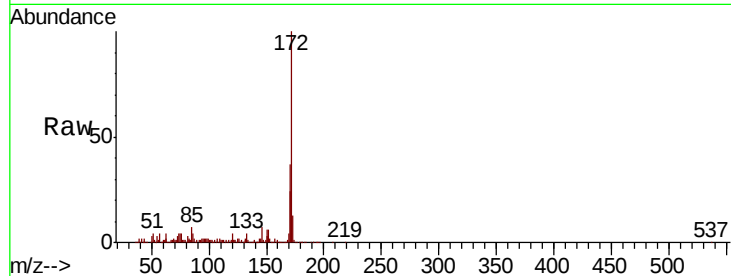




#45
2-Fluorobiphenyl
Concen: 31.453 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044778.D
Acq: 13 Mar 2020 22:14

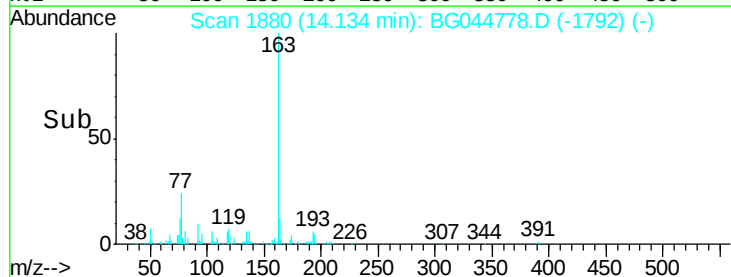
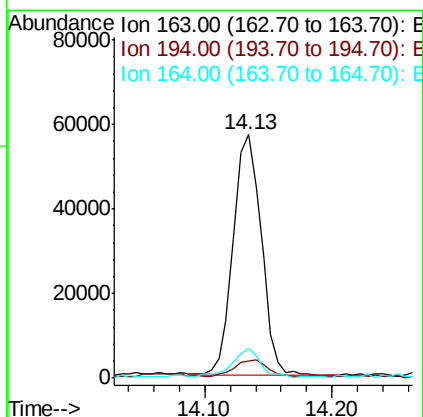
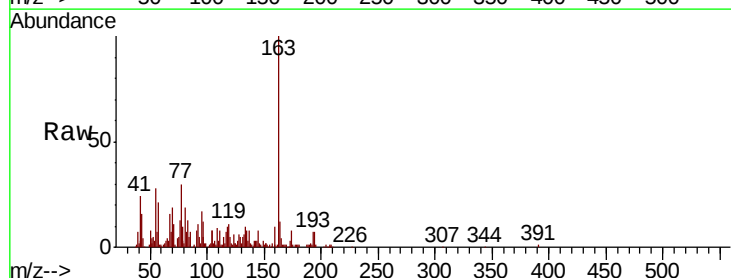
Instrument :
BNA_G
ClientSampleId :
HD-01-031120

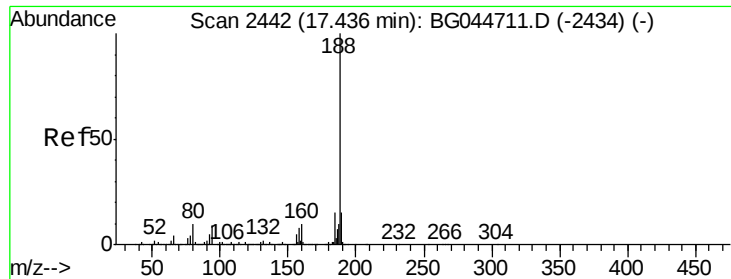
Tot Ion:172 Resp: 680508
Ion Ratio Lower Upper
172 100
171 36.6 30.8 46.2
170 24.5 20.0 30.0



#50
Dimethylphthalate
Concen: 3.531 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044778.D
Acq: 13 Mar 2020 22:14

Tgt Ion:163 Resp: 87135
Ion Ratio Lower Upper
163 100
194 7.1 3.5 5.3#
164 12.3 9.2 13.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

Instrument :

BNA_G

ClientSampleId :

HD-01-031120

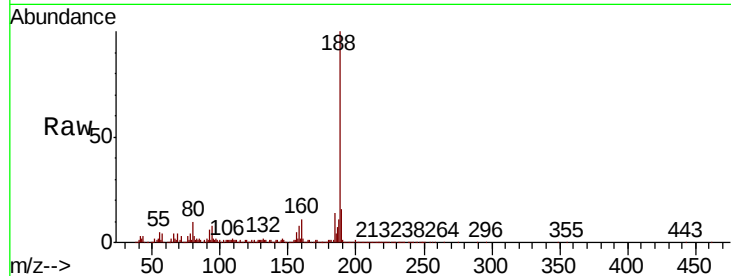
Tot Ion:188 Resp: 621583

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

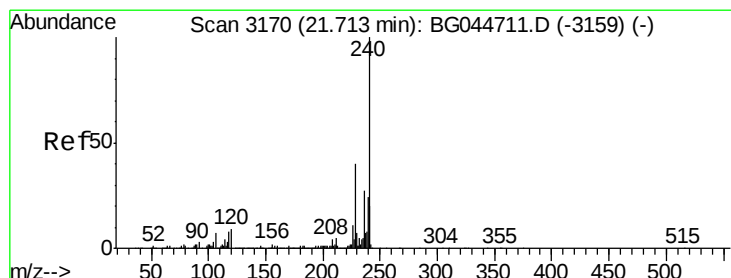
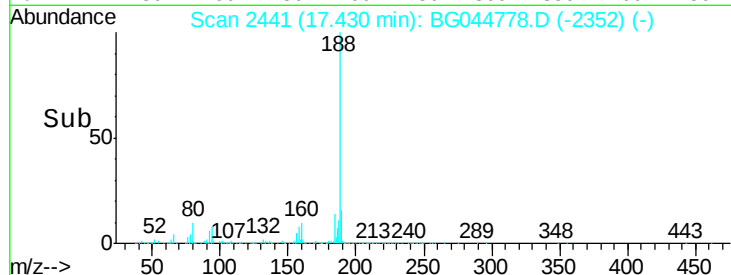
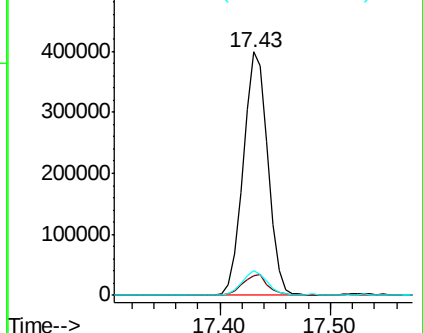
80 10.4 8.4 12.6



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

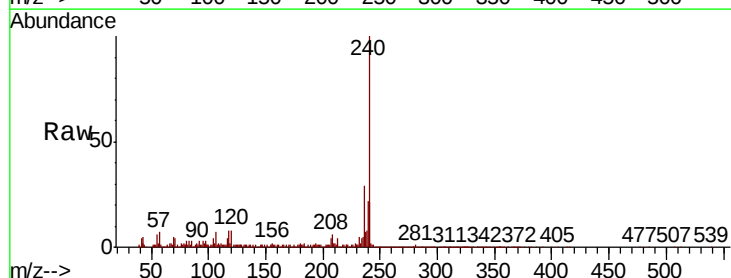
Tgt Ion:240 Resp: 545852

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

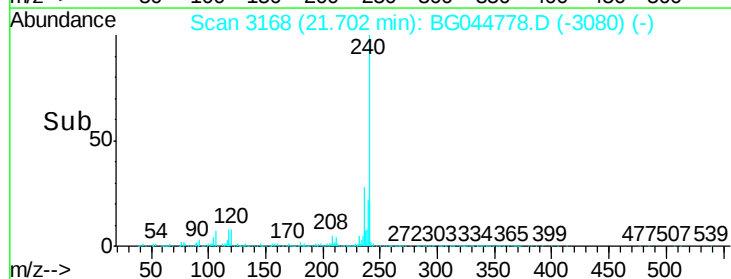
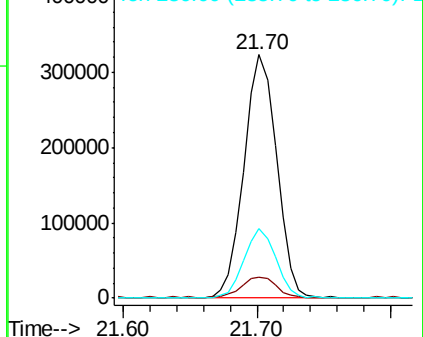
236 28.6 21.9 32.9

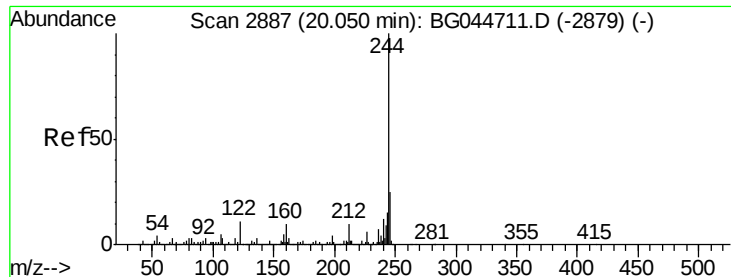


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 30.930 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

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ClientSampleId :

HD-01-031120

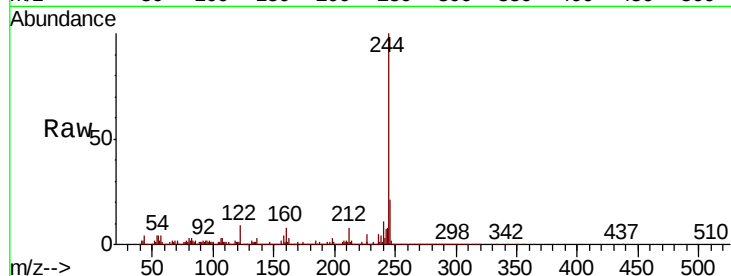
Tot Ion:244 Resp: 902578

Ion Ratio Lower Upper

244 100

212 8.2 8.4 12.6#

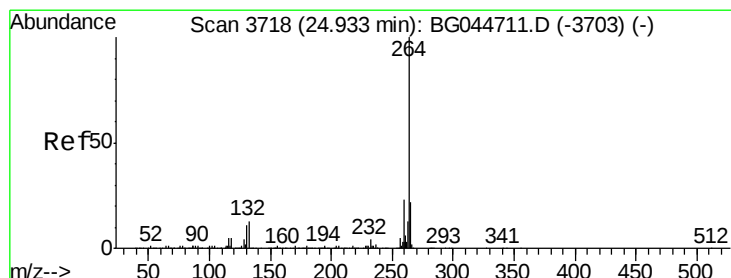
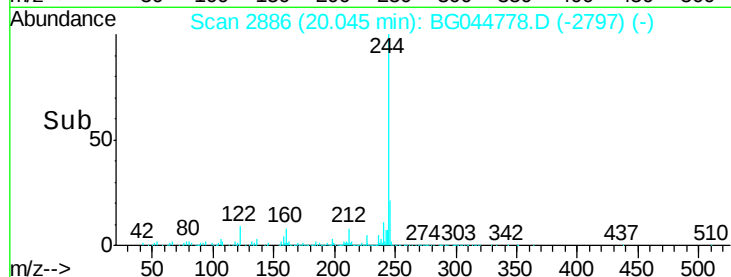
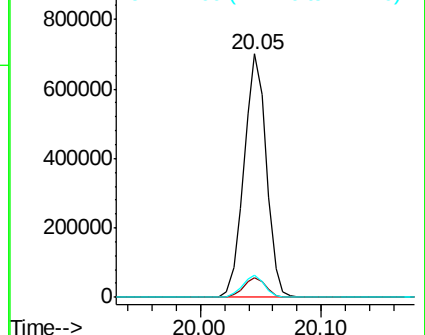
122 9.2 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG044778.D

Acq: 13 Mar 2020 22:14

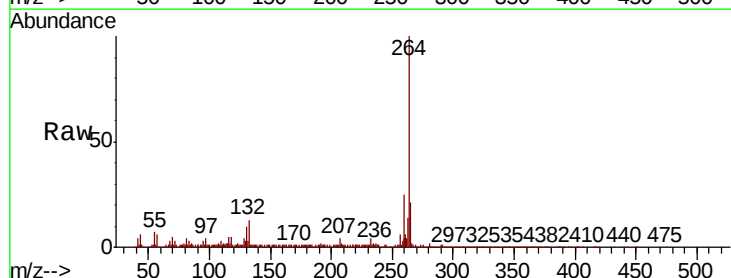
Tgt Ion:264 Resp: 637571

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.3 17.4 26.2



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

