

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045289.D
 Acq On : 8 May 2020 3:59
 Operator : CG/JU
 Sample : L2525-02 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-3

Quant Time: May 08 08:30:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

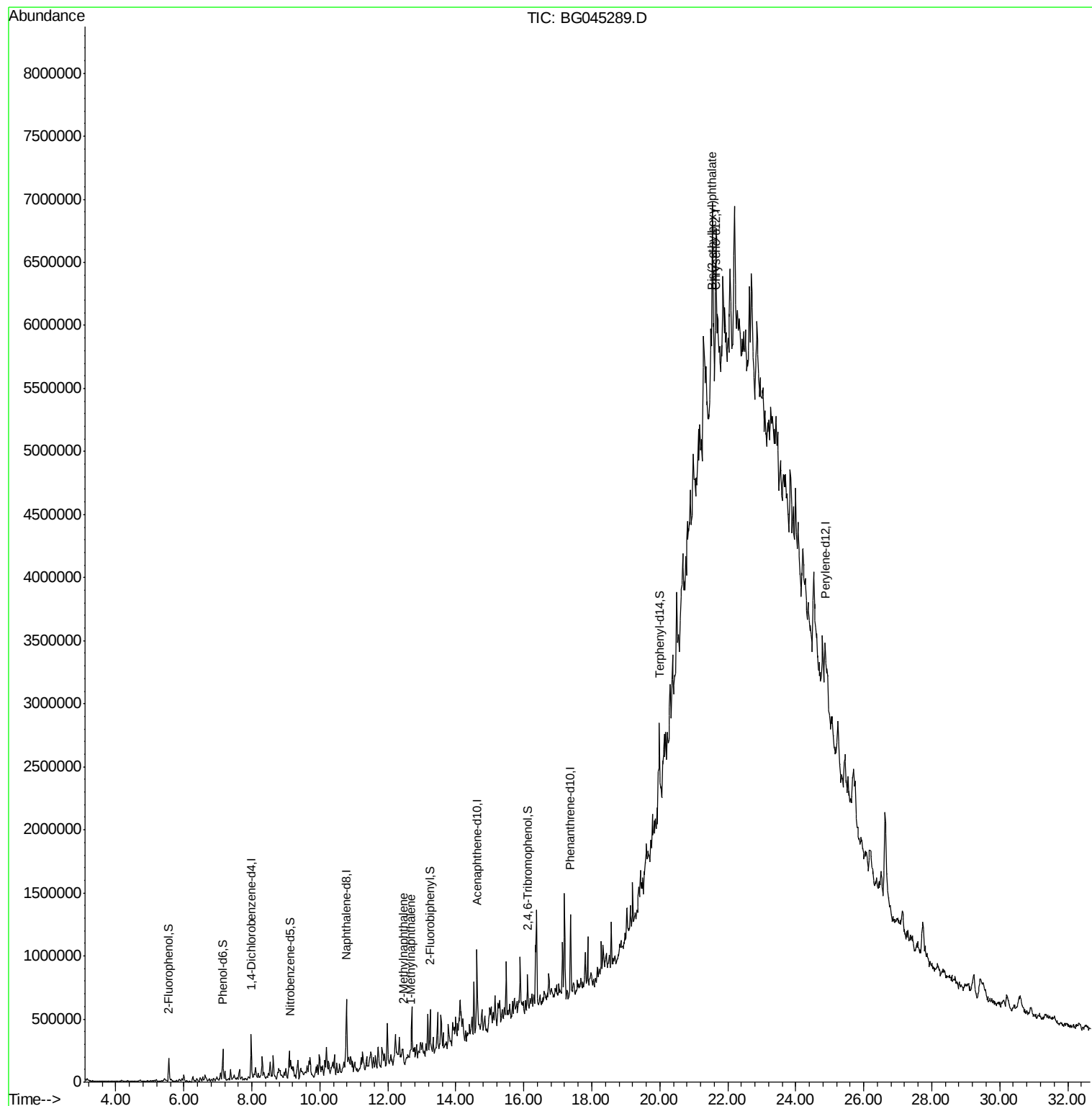
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	89546	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	328869	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	203275	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	401328	20.00	ng	0.00
76) Chrysene-d12	21.65	240	388813	20.00	ng	0.00
87) Perylene-d12	24.86	264	409973	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	90735	16.73	ng	0.00
7) Phenol-d6	7.15	99	130098	16.14	ng	0.00
23) Nitrobenzene-d5	9.14	82	87993	12.21	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	48115	15.32	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	185002	13.35	ng	0.00
79) Terphenyl-d14	19.99	244	251670	14.11	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.45	142	28880	2.068	ng	95
38) 1-Methylnaphthalene	12.67	142	26375	2.001	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.55	149	537185	35.153	ng	99

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

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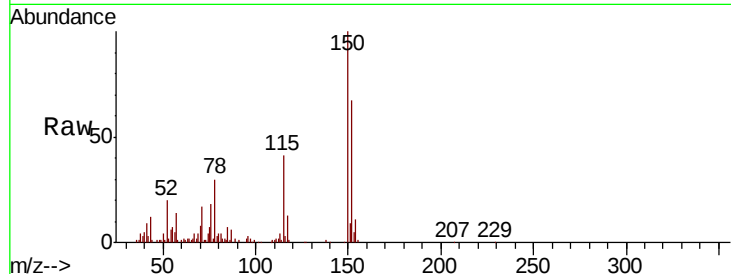


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045289.D
Acq: 8 May 2020 3:59

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.6	185.4
115	61.0	49.1	73.7

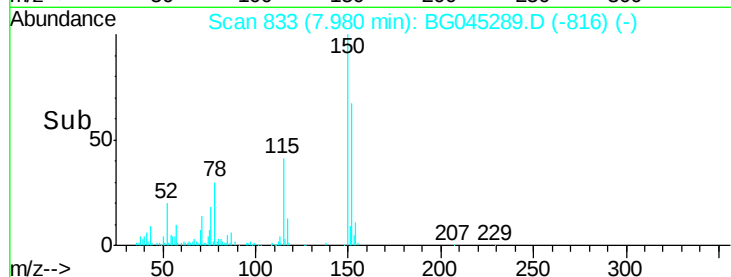
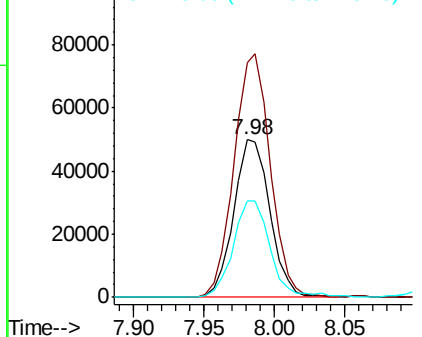


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

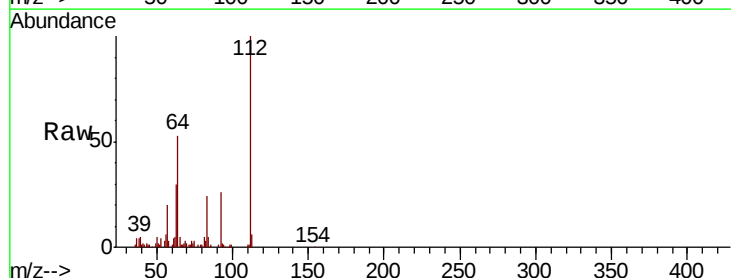
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.729 ng
RT: 5.55 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045289.D
Acq: 8 May 2020 3:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.4	63.6
63	30.0	23.1	34.7

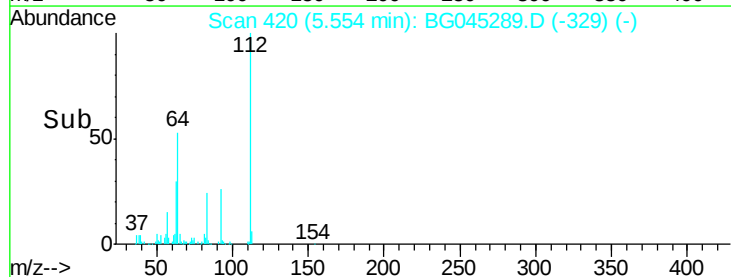
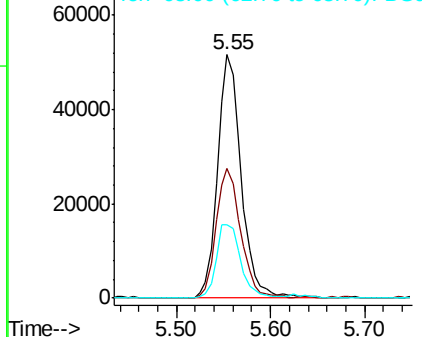


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 16.144 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

Instrument :

BNA_G

ClientSampleId :

DRUM-1-3

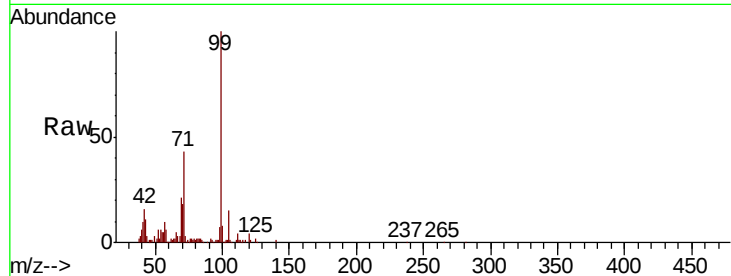
Tot Ion: 99 Resp: 130098

Ion Ratio Lower Upper

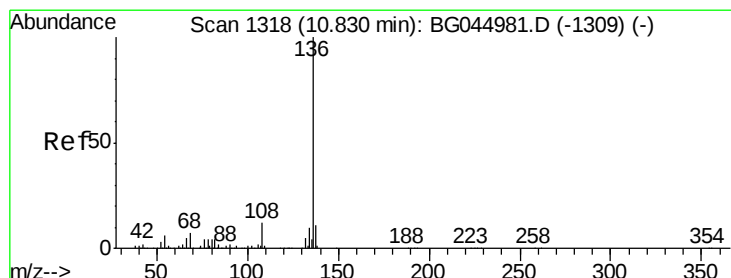
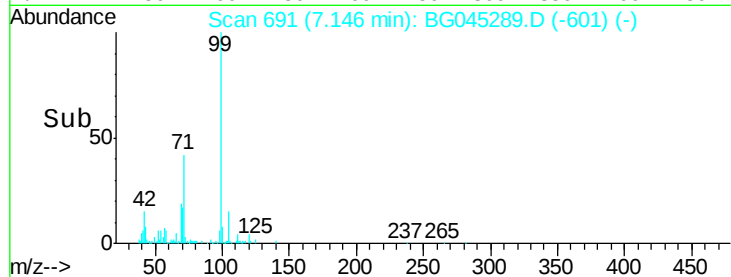
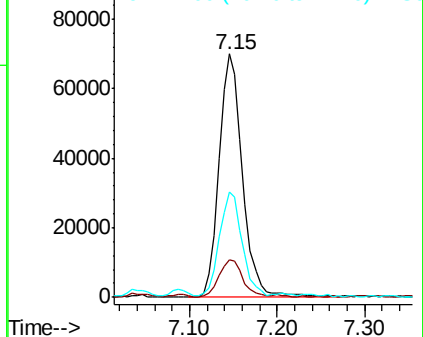
99 100

42 15.5 11.3 16.9

71 43.0 28.3 42.5#



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: 10.79 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

Tgt Ion: 136 Resp: 328869

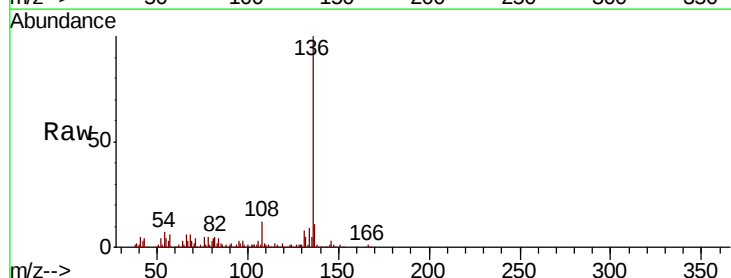
Ion Ratio Lower Upper

136 100

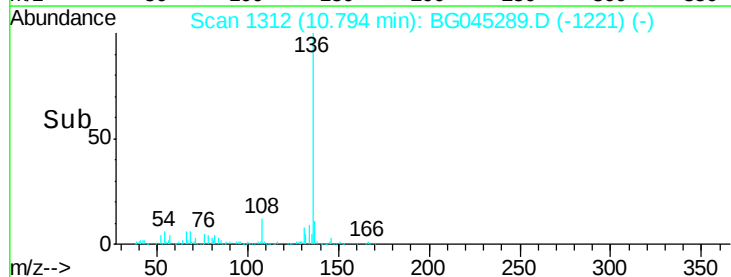
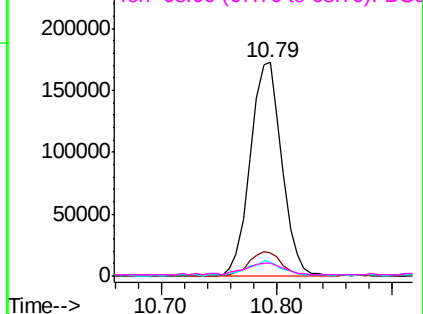
137 10.8 8.6 13.0

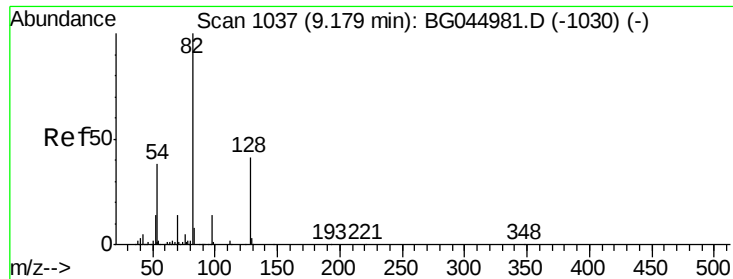
54 6.7 4.8 7.2

68 6.1 5.2 7.8



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: 12.209 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

Instrument :

BNA_G

ClientSampleId :

DRUM-1-3

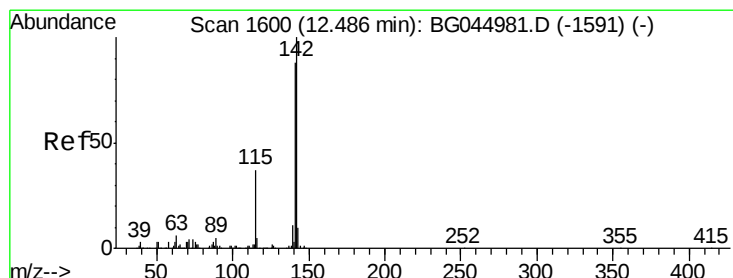
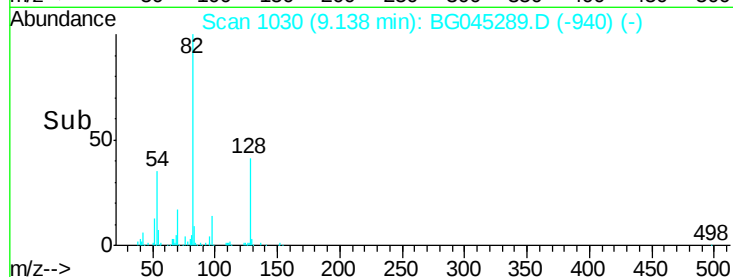
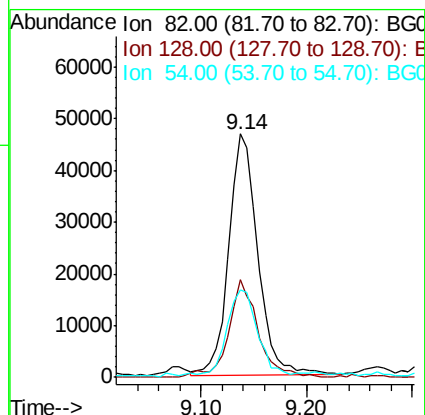
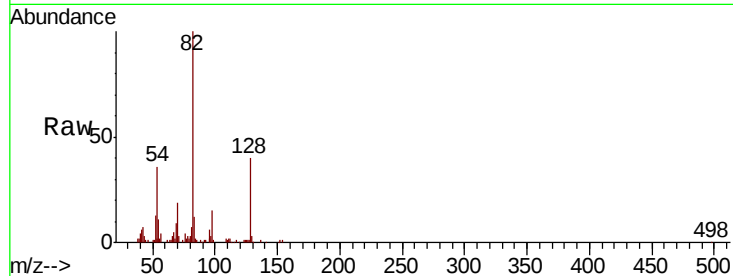
Tot Ion: 82 Resp: 87993

Ion Ratio Lower Upper

82 100

128 40.3 33.0 49.4

54 36.0 30.4 45.6



#37

2-Methylnaphthalene

Concen: 2.068 ng

RT: 12.45 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

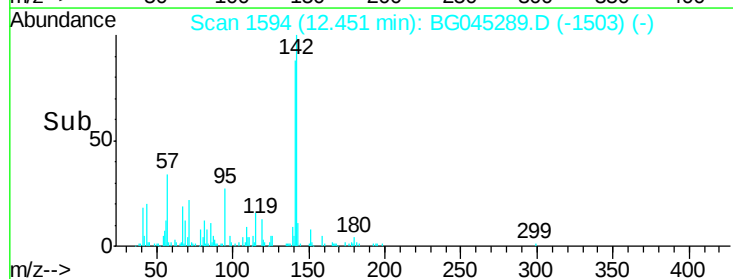
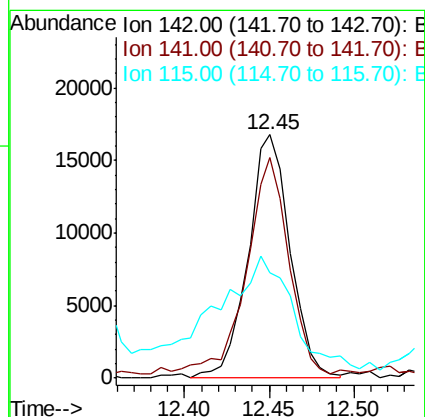
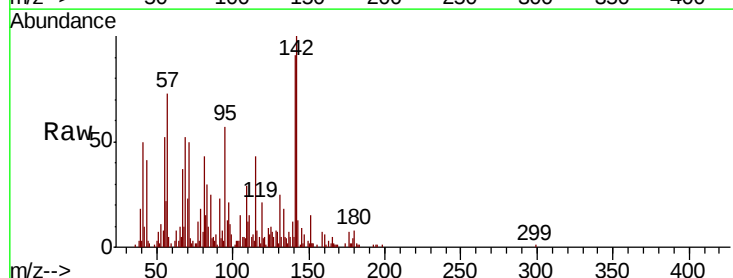
Tgt Ion: 142 Resp: 28880

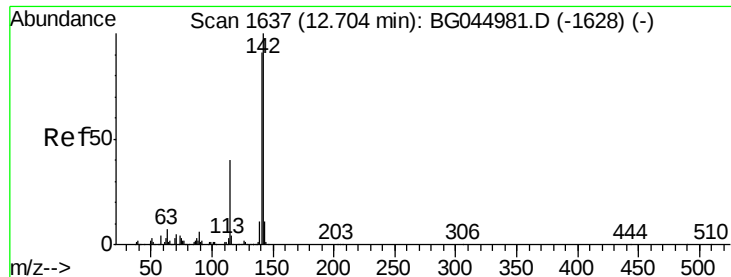
Ion Ratio Lower Upper

142 100

141 90.5 70.3 105.5

115 43.3 29.8 44.6

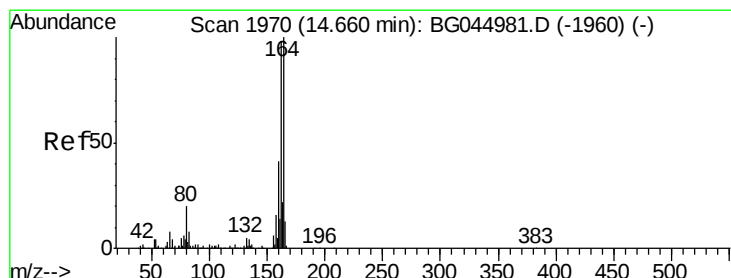
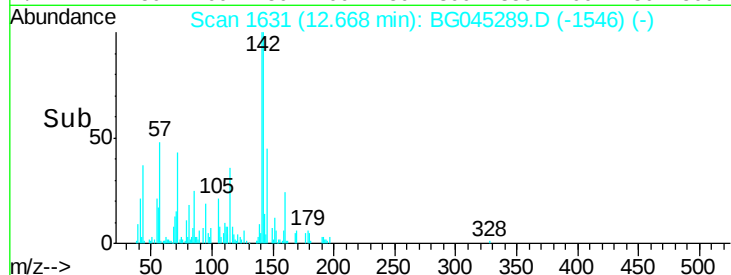
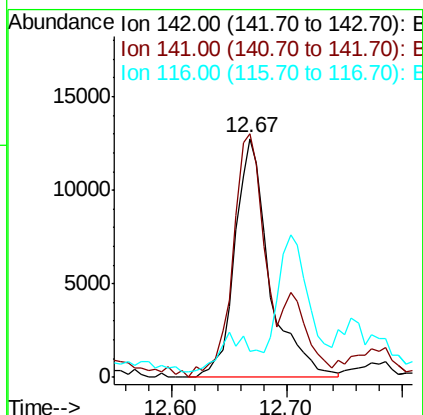
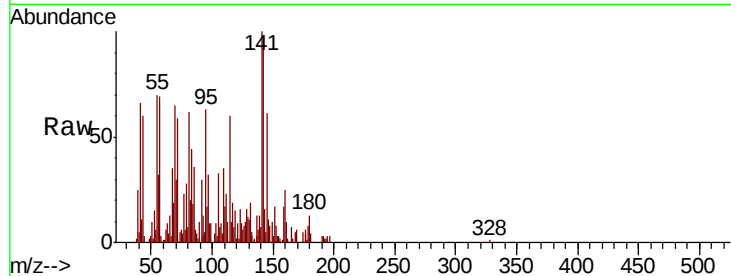




#38
1-Methylnaphthalene
Concen: 2.001 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG045289.D
Acq: 8 May 2020 3:59

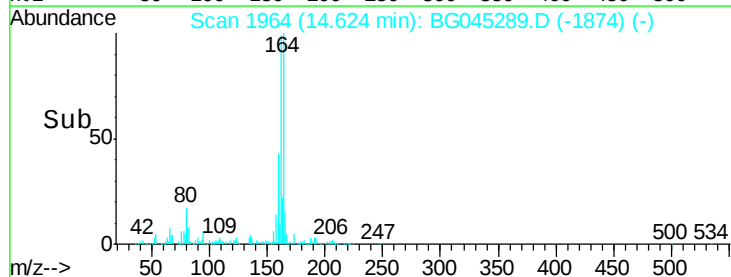
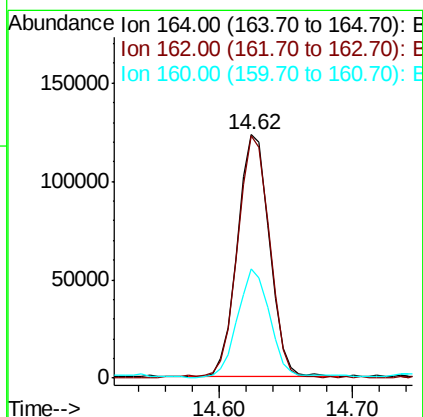
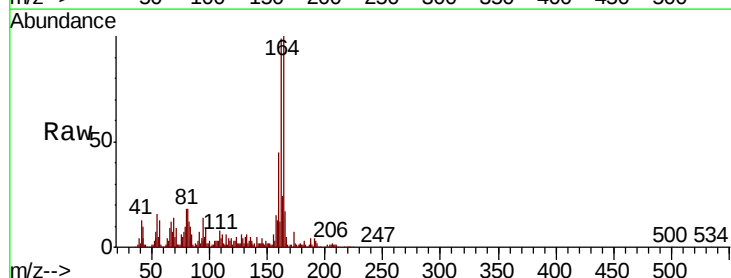
Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

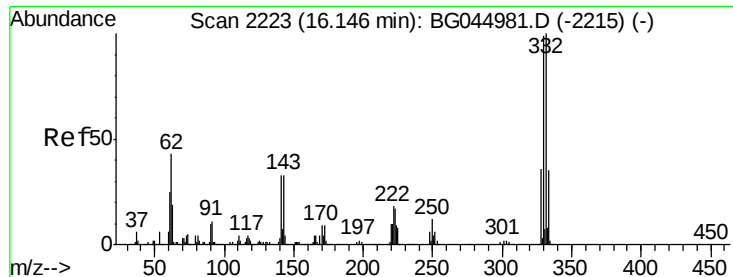
Tot Ion:142 Resp: 26375
Ion Ratio Lower Upper
142 100
141 102.0 72.7 109.1
116 10.7 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045289.D
Acq: 8 May 2020 3:59

Tgt Ion:164 Resp: 203275
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 45.1 32.8 49.2

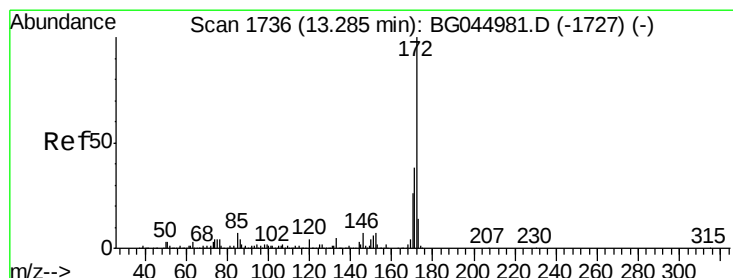
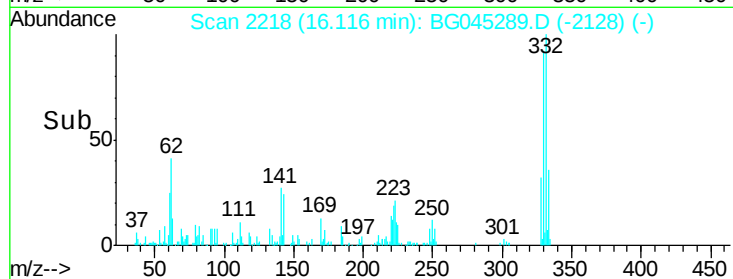
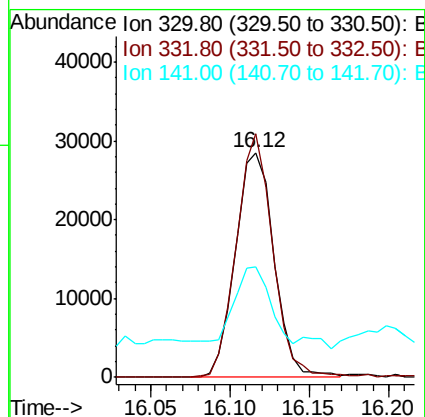
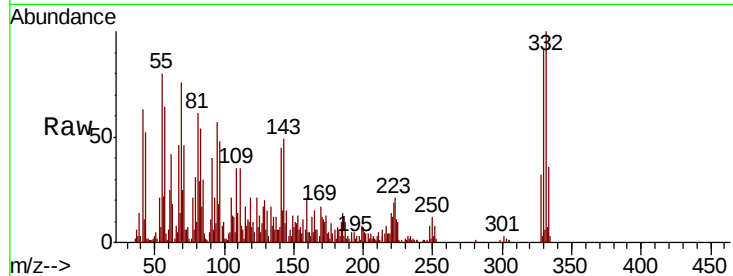




#42
 2,4,6-Tribromophenol
 Concen: 15.322 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045289.D
 Acq: 8 May 2020 3:59

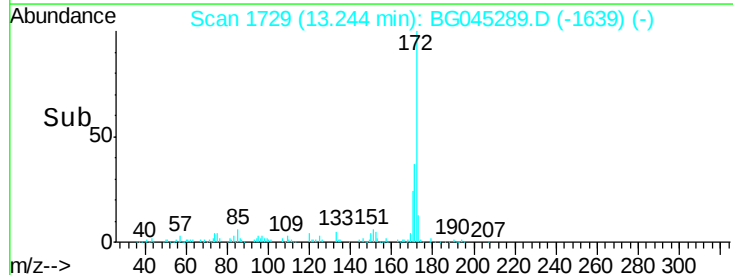
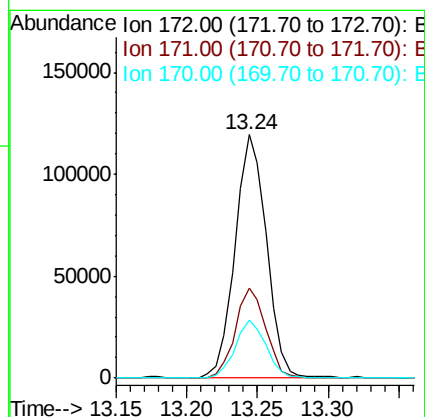
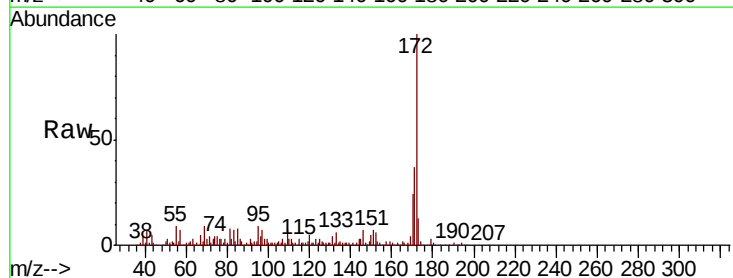
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-3

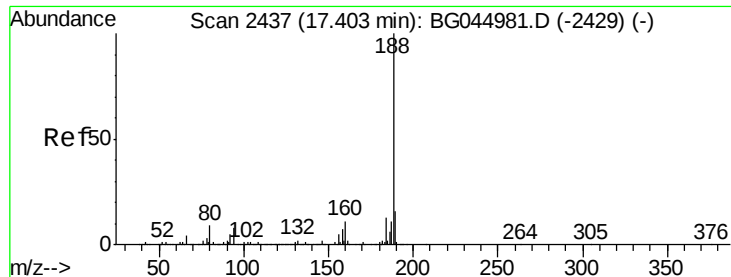
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	79.1	118.7
141	32.1	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 13.345 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045289.D
 Acq: 8 May 2020 3:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	24.1	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

Instrument :

BNA_G

ClientSampleId :

DRUM-1-3

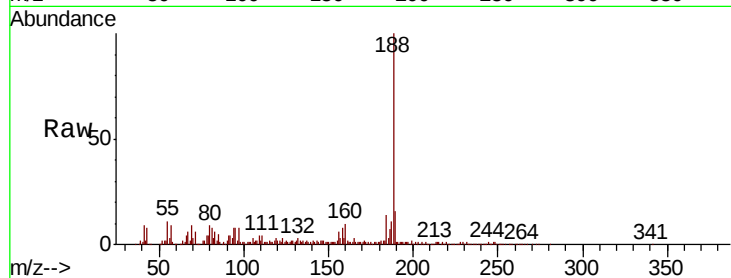
Tot Ion:188 Resp: 401328

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

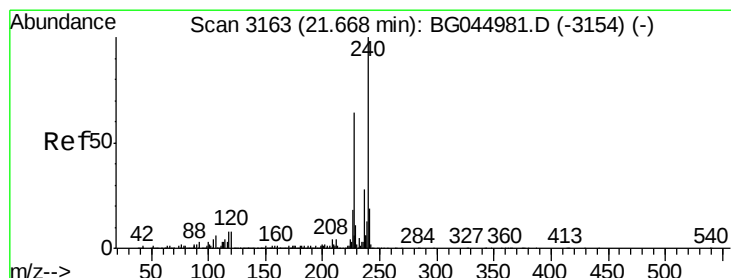
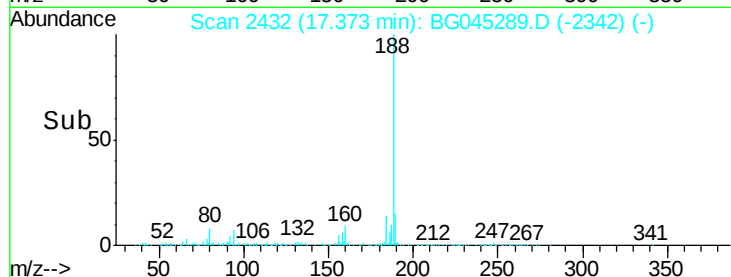
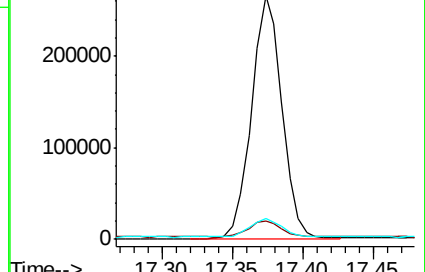
80 8.6 7.0 10.6



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: 21.65 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

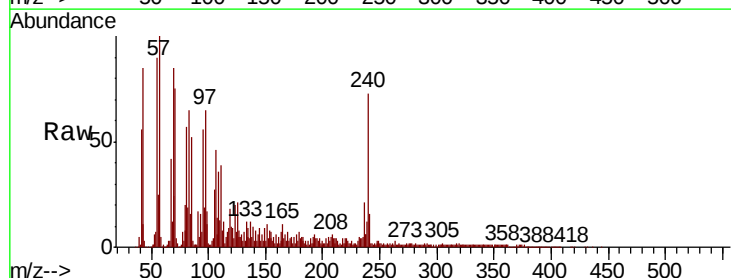
Tgt Ion:240 Resp: 388813

Ion Ratio Lower Upper

240 100

120 13.9 6.6 10.0#

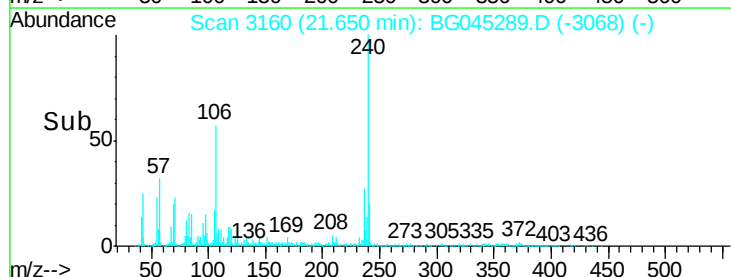
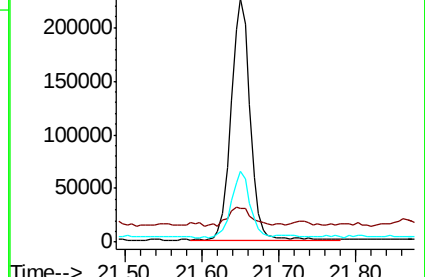
236 29.0 22.2 33.2

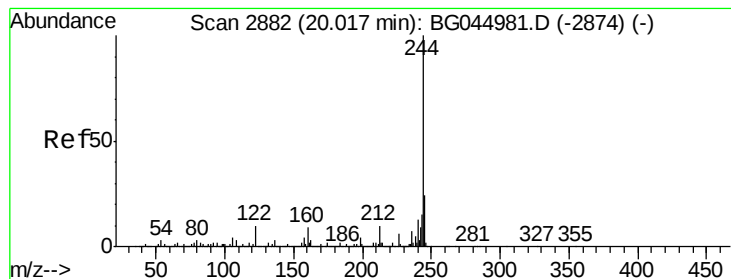


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.108 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

Instrument :

BNA_G

ClientSampleId :

DRUM-1-3

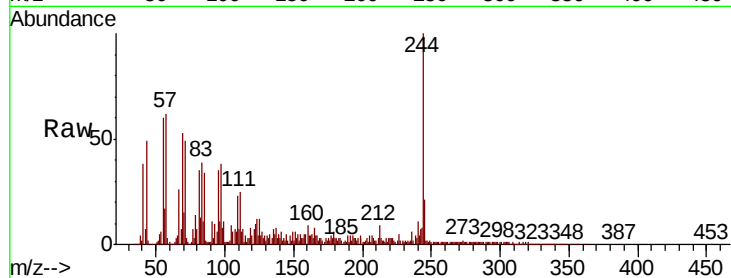
Tot Ion:244 Resp: 251670

Ion Ratio Lower Upper

244 100

212 8.5 7.9 11.9

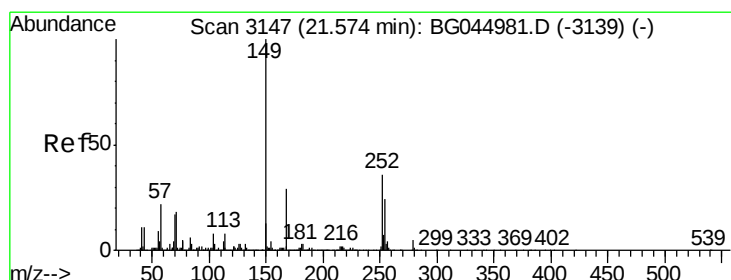
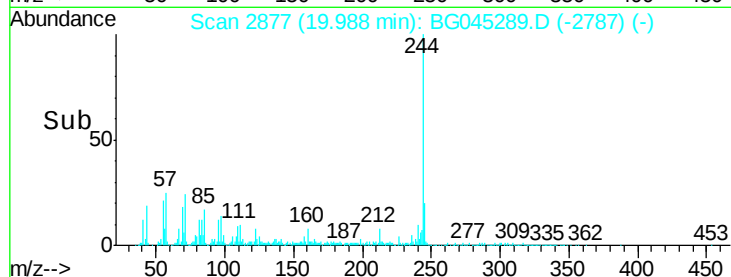
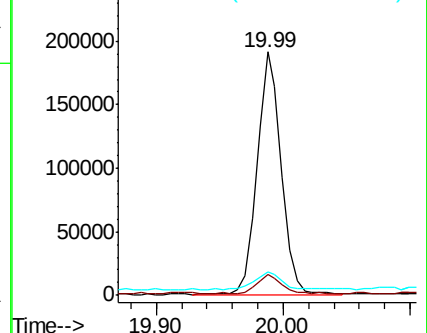
122 9.6 7.7 11.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.153 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG045289.D

Acq: 8 May 2020 3:59

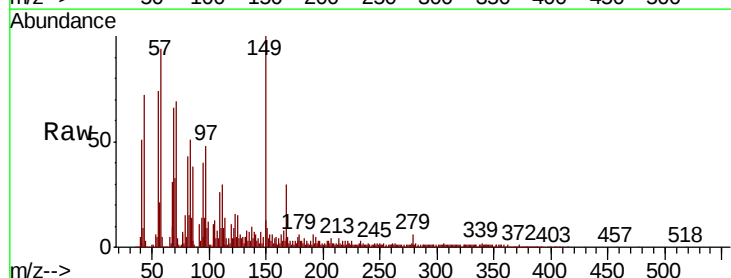
Tgt Ion:149 Resp: 537185

Ion Ratio Lower Upper

149 100

167 29.6 23.4 35.0

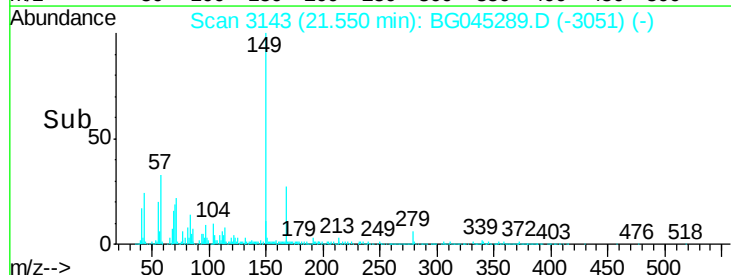
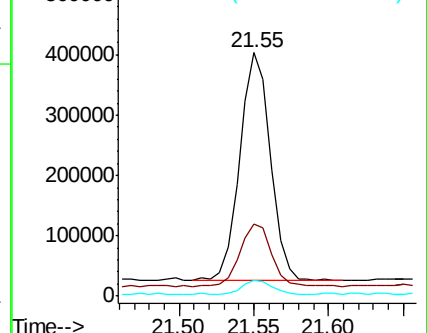
279 6.3 4.3 6.5

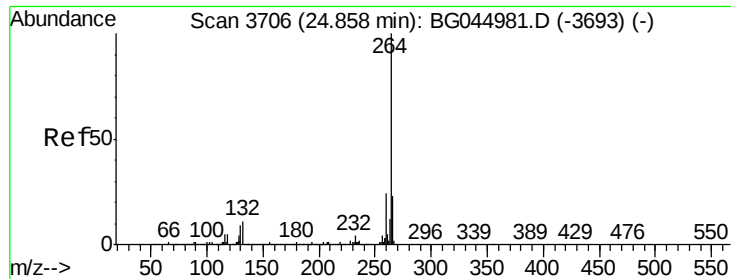


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3707
 Delta R.T. 0.05 min
 Lab File: BG045289.D
 Acq: 8 May 2020 3:59

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.7	19.0	28.4

