

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032373.D
 Acq On : 28 Jan 2018 2:29
 Operator : SJ/JU
 Sample : J1023-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-012518

Quant Time: Jan 28 03:42:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

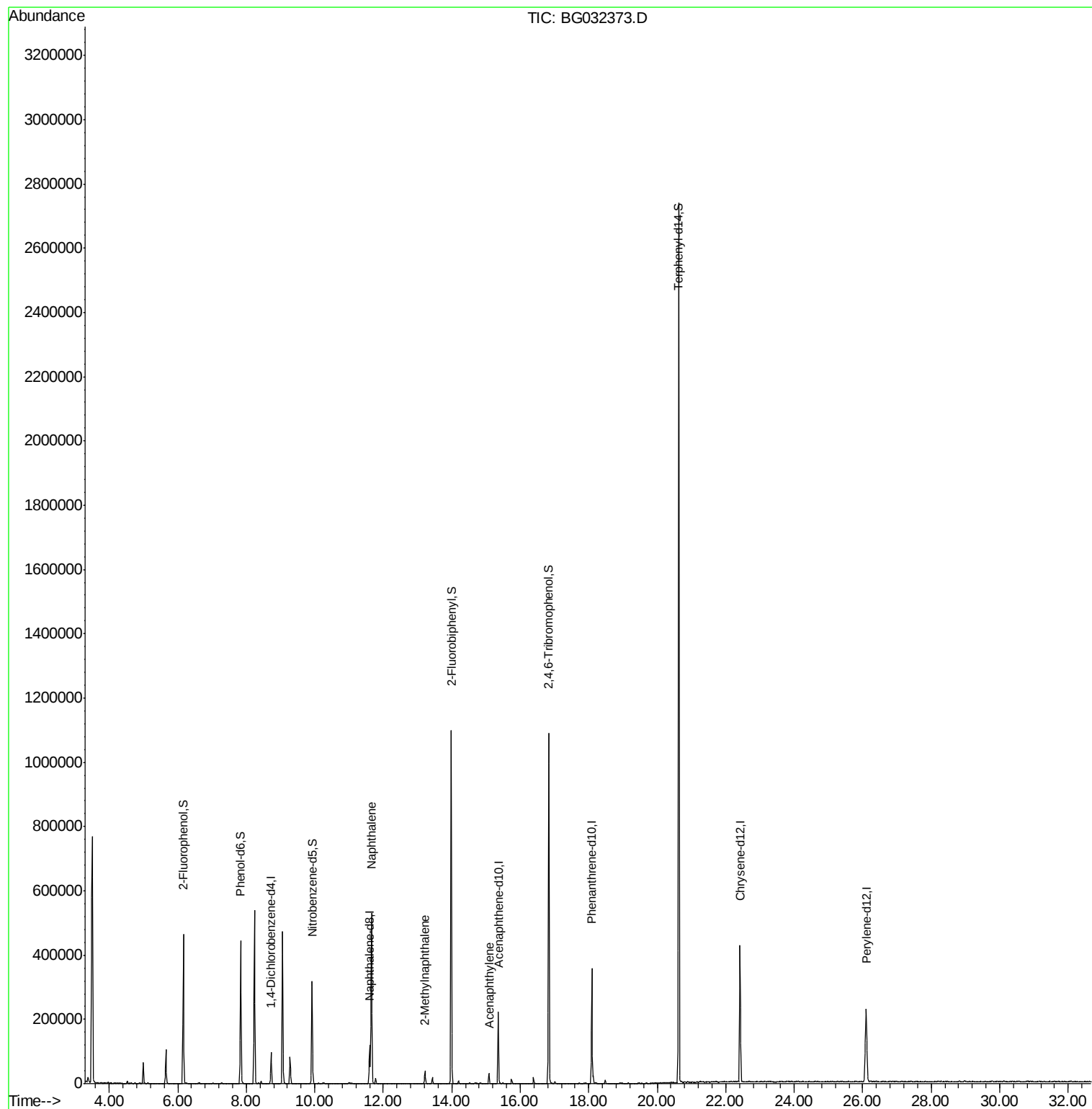
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33161	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	121596	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	82433	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	237559	20.00	ng	0.00
75) Chrysene-d12	22.42	240	316672	20.00	ng	0.00
86) Perylene-d12	26.10	264	317552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	229241	126.43	ng	0.00
7) Phenol-d6	7.84	99	256932	112.52	ng	0.00
23) Nitrobenzene-d5	9.92	82	195060	108.53	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	240105	176.02	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	666121	100.20	ng	0.00
78) Terphenyl-d14	20.63	244	1494731	104.22	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.65	128	489188	81.212	ng	99
37) 2-Methylnaphthalene	13.22	142	20306	4.246	ng	90
48) Acenaphthylene	15.09	152	27095	3.237	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Instrument :

BNA_G

ClientSampleId :

TR-05-012518

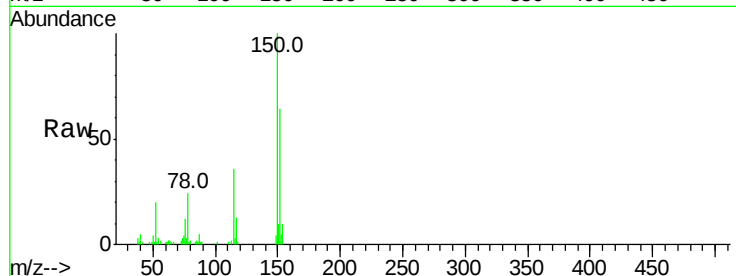
Tot Ion:152 Resp: 33161

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

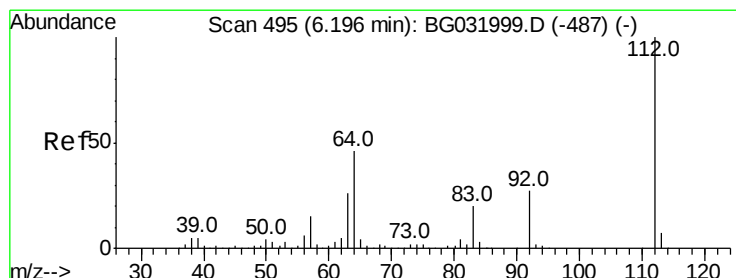
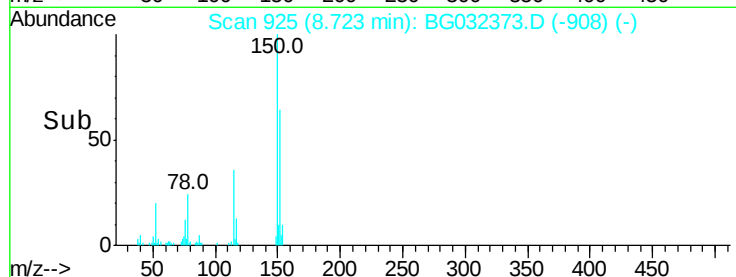
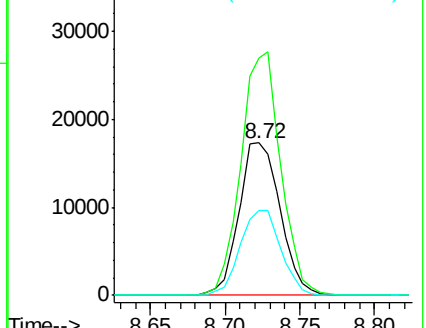
115 55.9 53.0 79.4



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: 126.434 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

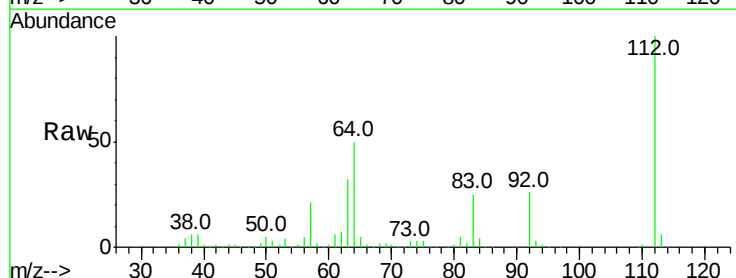
Tgt Ion:112 Resp: 229241

Ion Ratio Lower Upper

112 100

64 50.1 56.3 84.5#

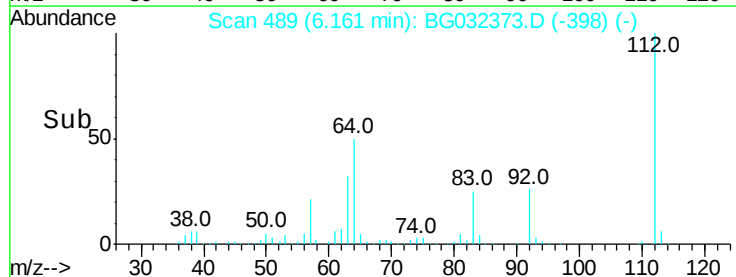
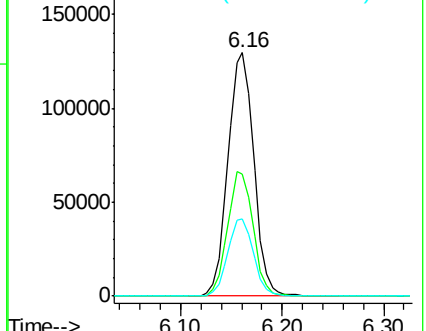
63 31.6 30.1 45.1

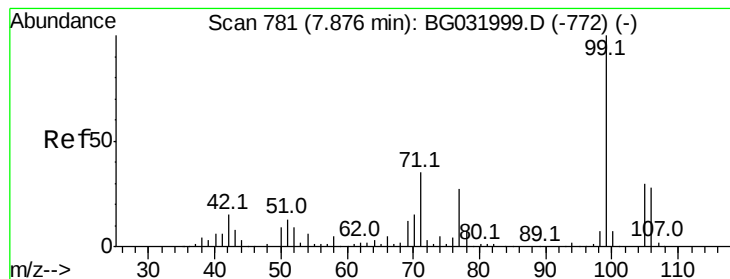


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.515 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Instrument :

BNA_G

ClientSampleId :

TR-05-012518

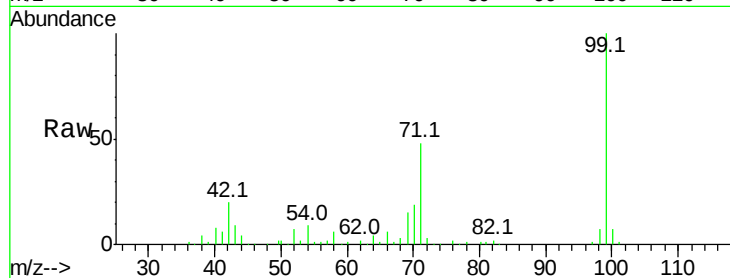
Tot Ion: 99 Resp: 256932

Ion Ratio Lower Upper

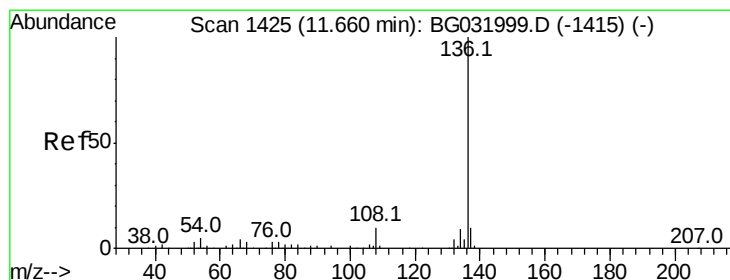
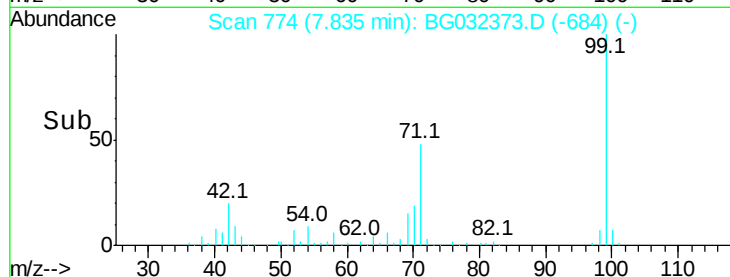
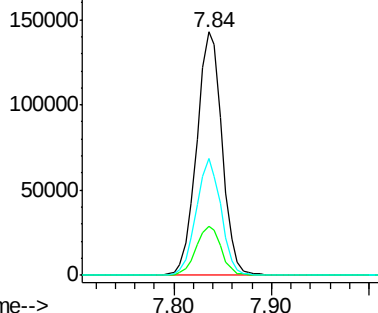
99 100

42 20.2 14.1 21.1

71 48.2 26.1 39.1#



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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Tgt Ion: 136 Resp: 121596

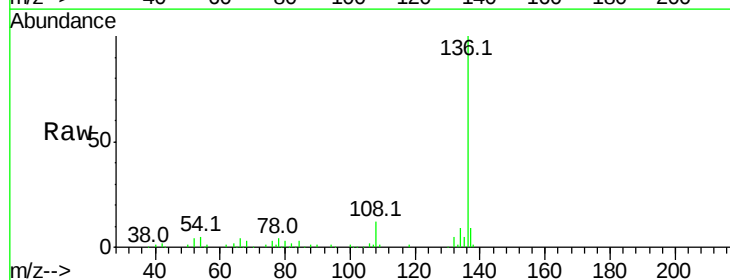
Ion Ratio Lower Upper

136 100

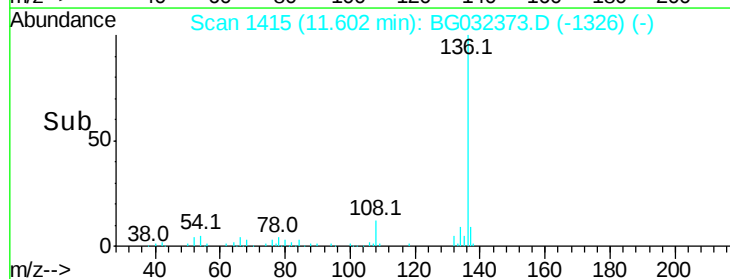
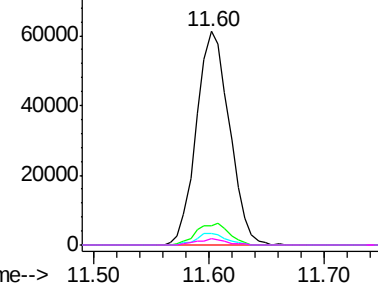
137 9.2 9.2 13.8

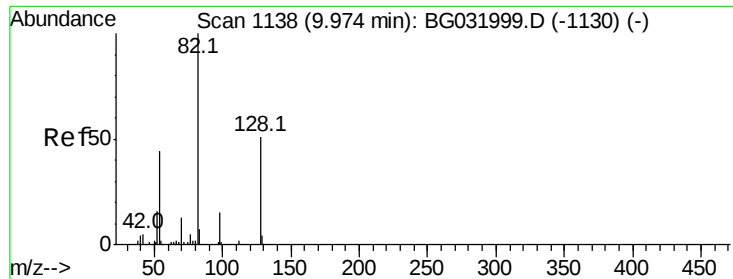
54 5.2 10.3 15.5#

68 2.8 4.5 6.7#



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

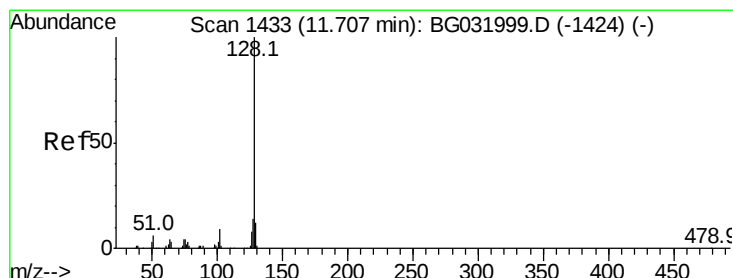
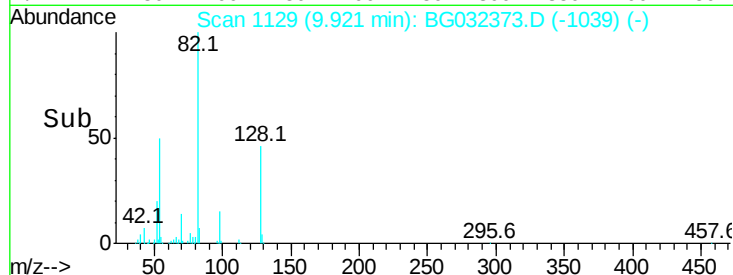
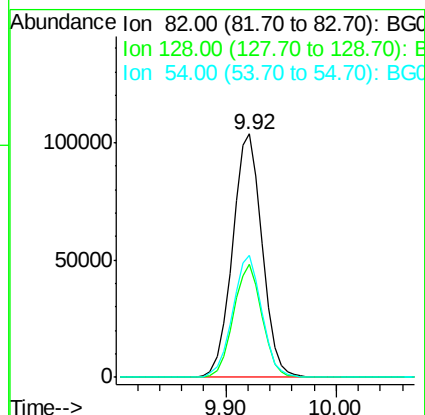
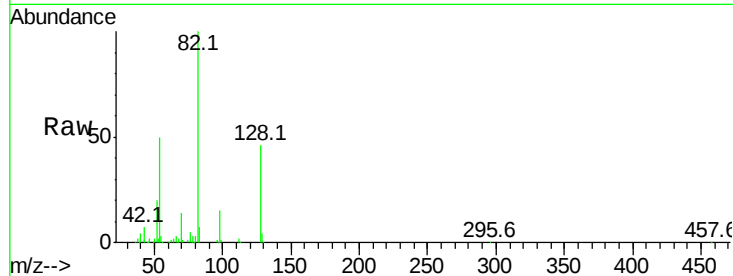




#23
 Nitrobenzene-d5
 Concen: 108.529 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032373.D
 Acq: 28 Jan 2018 2:29

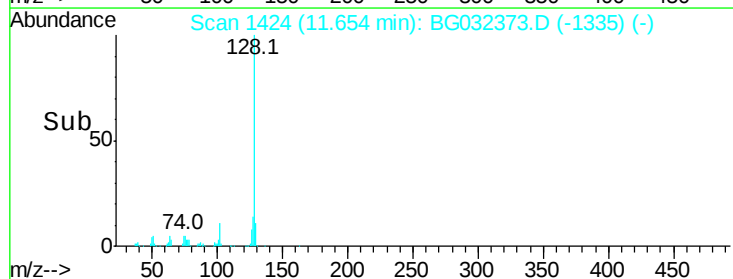
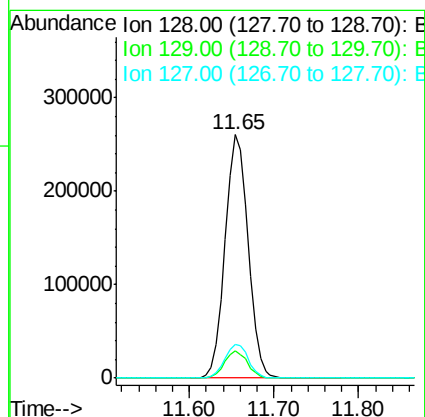
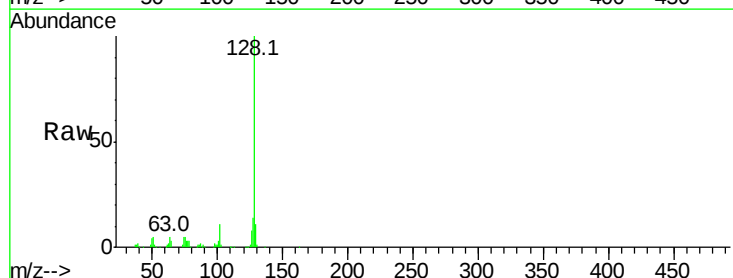
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-012518

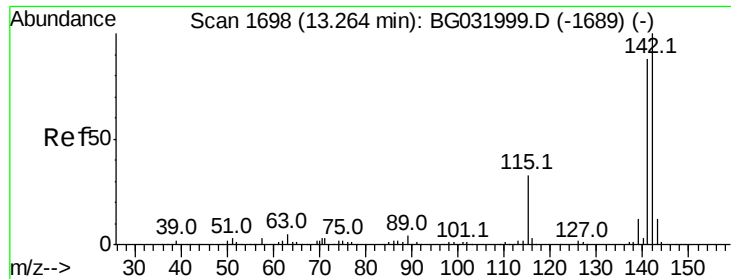
Tot Ion: 82 Resp: 195060
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 50.1 43.1 64.7



#31
 Naphthalene
 Concen: 81.212 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032373.D
 Acq: 28 Jan 2018 2:29

Tgt Ion: 128 Resp: 489188
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 14.0 11.6 17.4





#37

2-Methylnaphthalene

Concen: 4.246 ng

RT: 13.22 min Scan# 1690

Delta R.T. -0.01 min

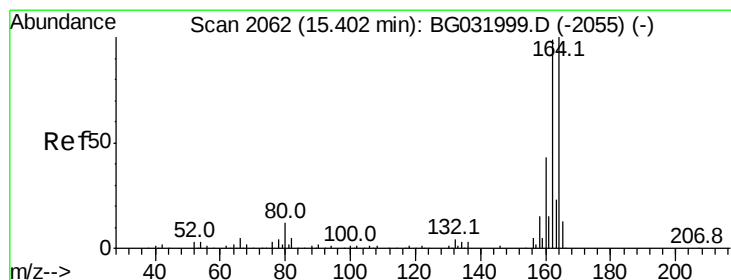
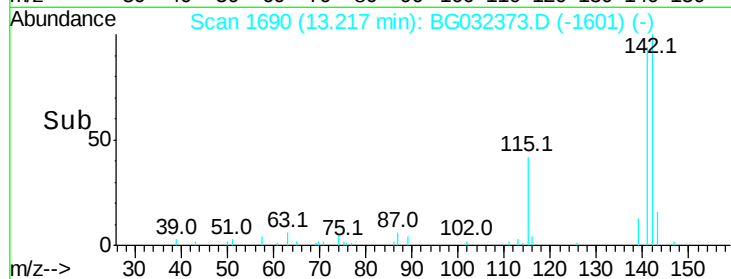
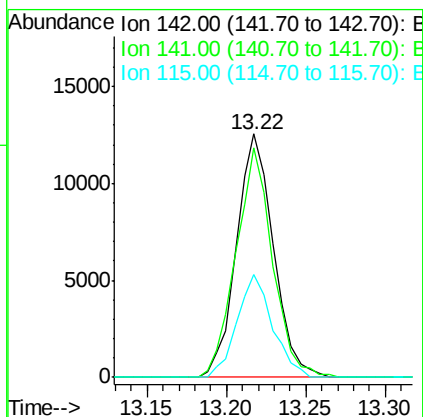
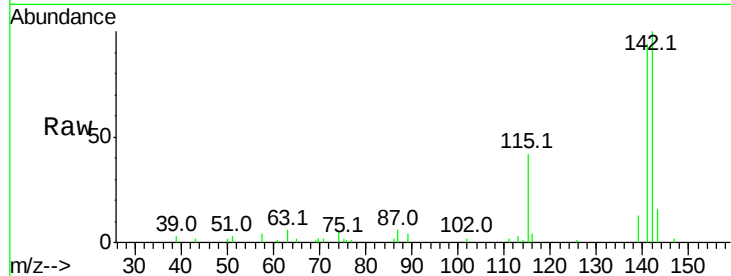
Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tot Ion:142 Resp: 20306

Ion	Ratio	Lower	Upper
142	100		
141	94.2	67.1	100.7
115	42.1	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

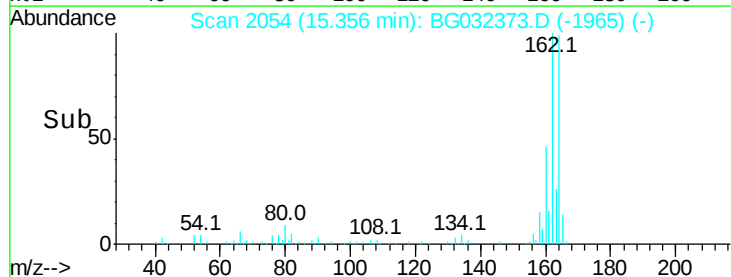
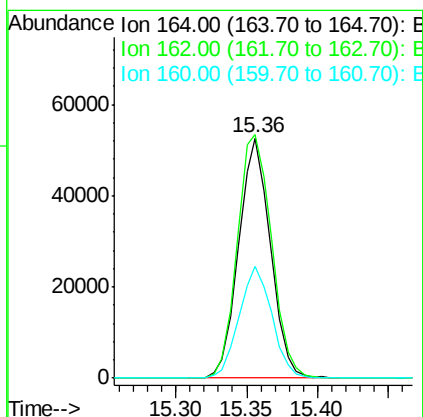
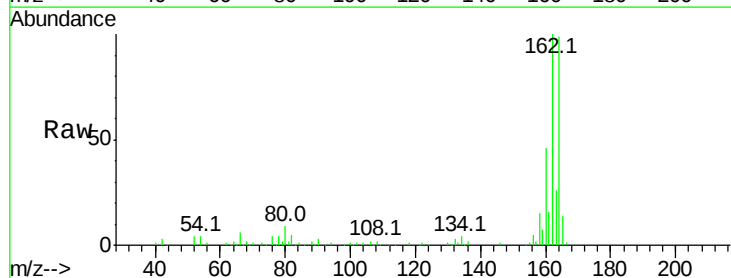
Delta R.T. -0.01 min

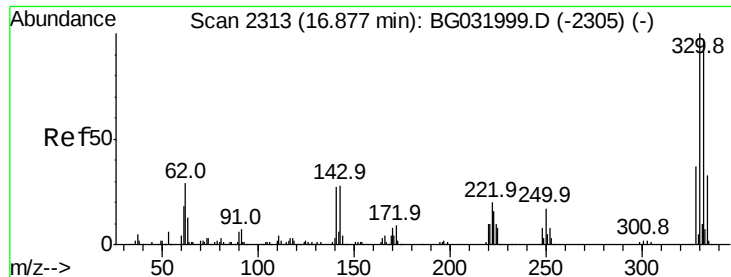
Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Tgt Ion:164 Resp: 82433

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.4	35.4	53.0

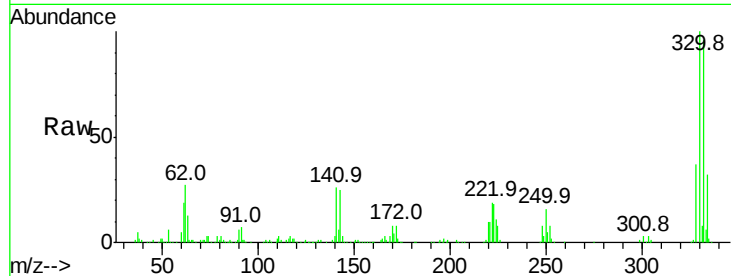




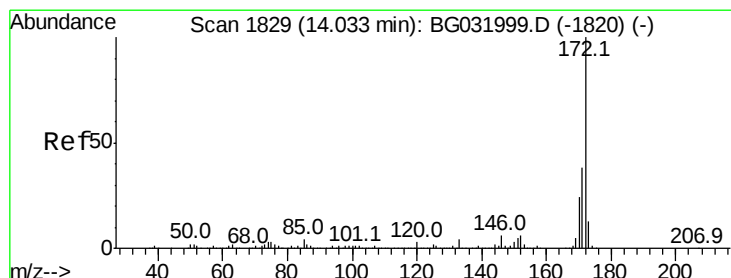
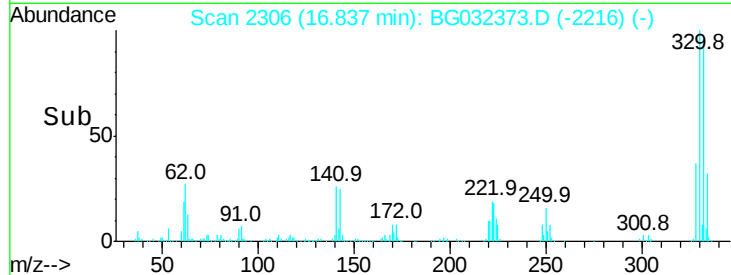
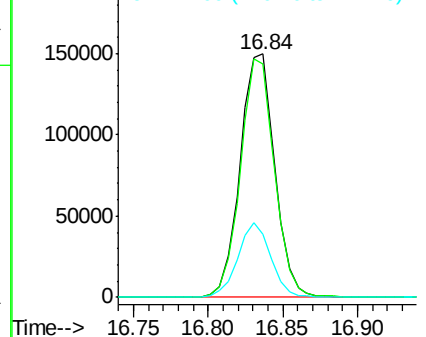
#41
 2,4,6-Tribromophenol
 Concen: 176.021 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032373.D
 Acq: 28 Jan 2018 2:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-012518

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.4	25.2	37.8

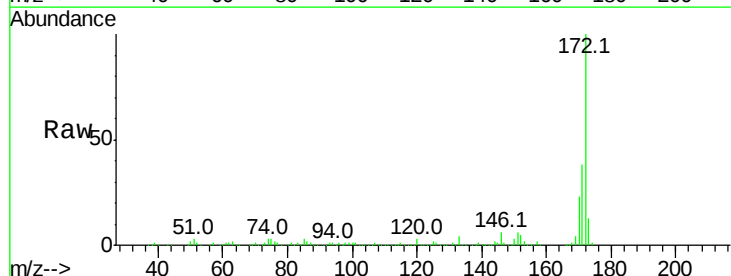


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

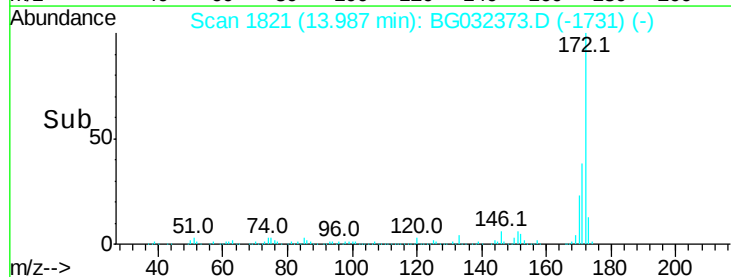
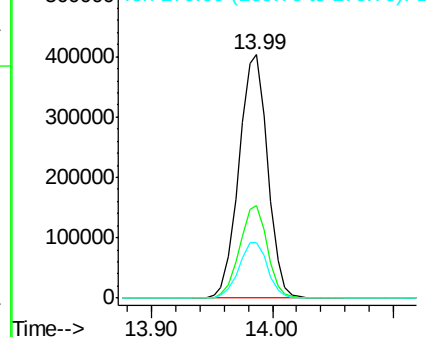


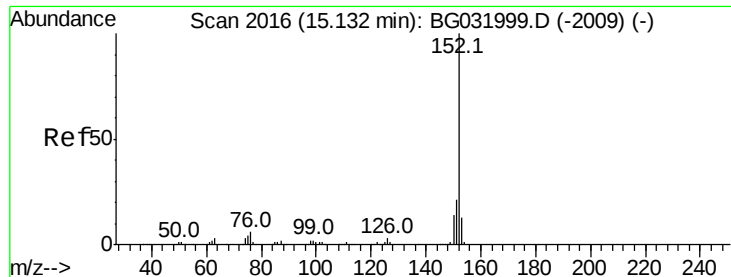
#44
 2-Fluorobiphenyl
 Concen: 100.197 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032373.D
 Acq: 28 Jan 2018 2:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.0	19.5	29.3



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





#48

Acenaphthylene

Concen: 3.237 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Instrument :

BNA_G

ClientSampleId :

TR-05-012518

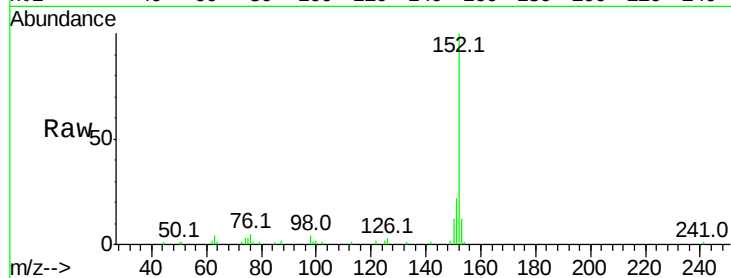
Tot Ion:152 Resp: 27095

Ion Ratio Lower Upper

152 100

151 22.3 17.2 25.8

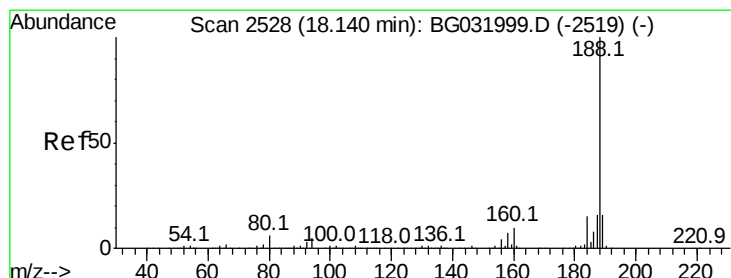
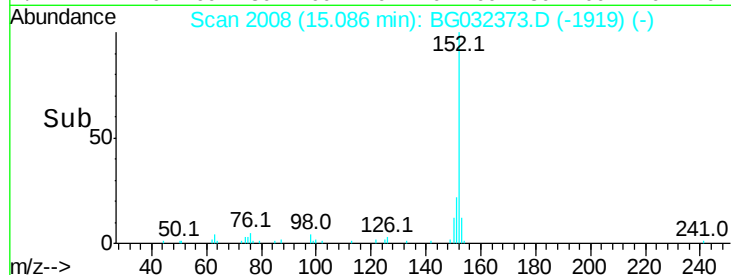
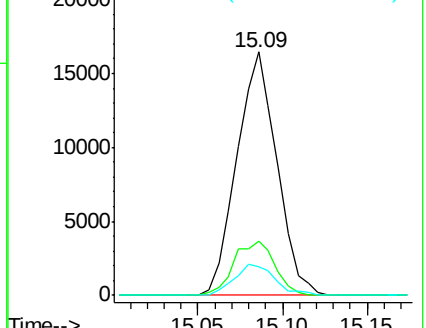
153 11.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

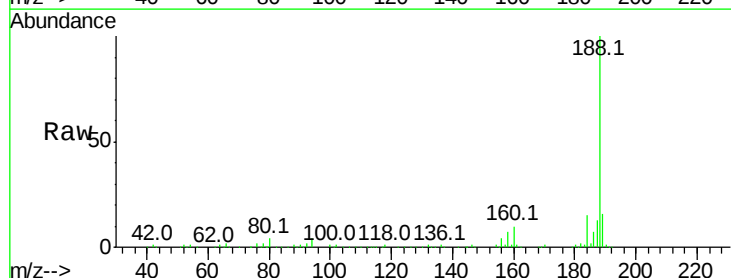
Tgt Ion:188 Resp: 237559

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

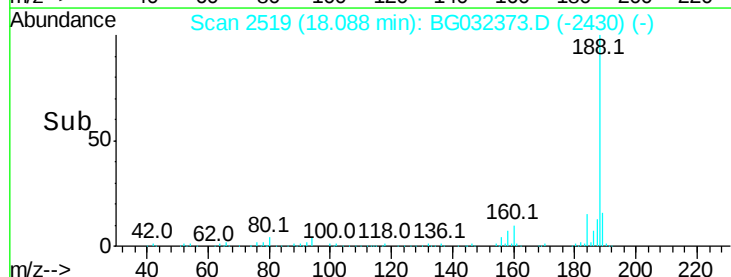
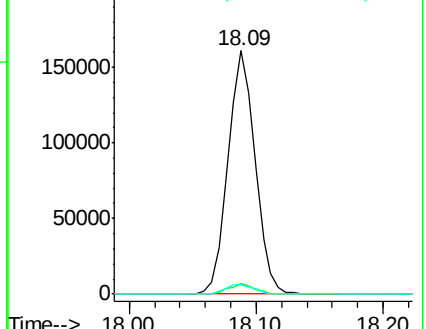
80 3.9 7.7 11.5#

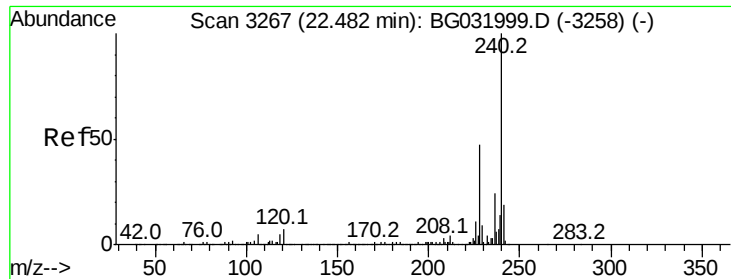


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

Instrument :

BNA_G

ClientSampleId :

TR-05-012518

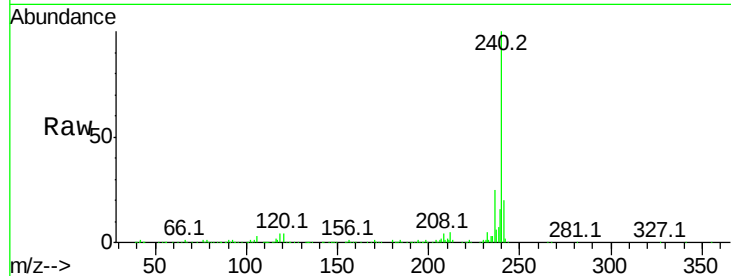
Tot Ion:240 Resp: 316672

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

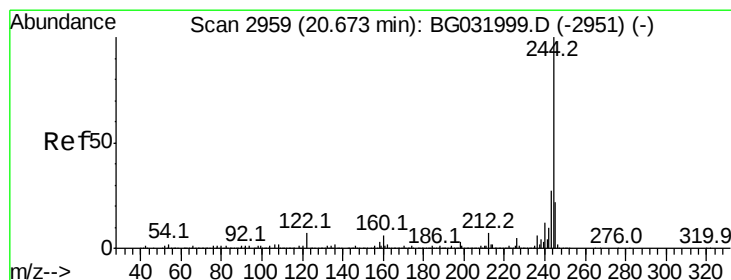
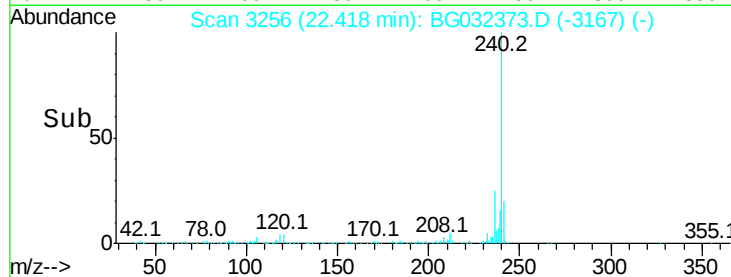
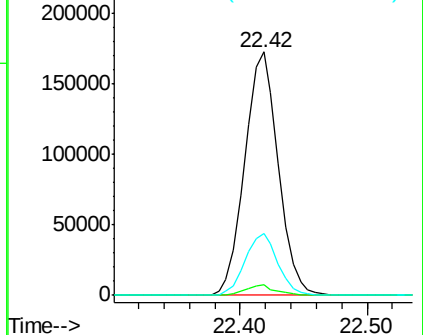
236 25.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 104.222 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032373.D

Acq: 28 Jan 2018 2:29

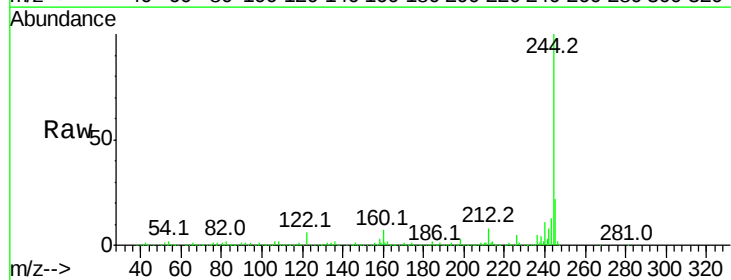
Tgt Ion:244 Resp: 1494731

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

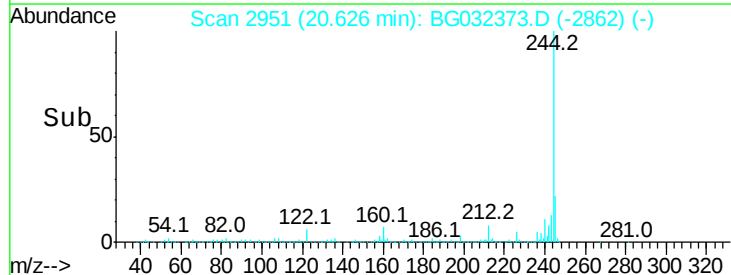
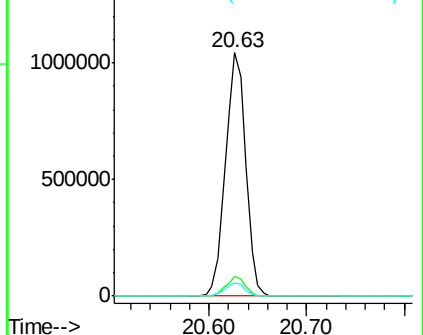
122 5.5 7.0 10.4#

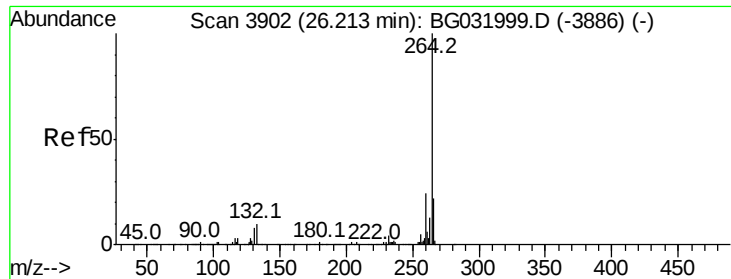


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

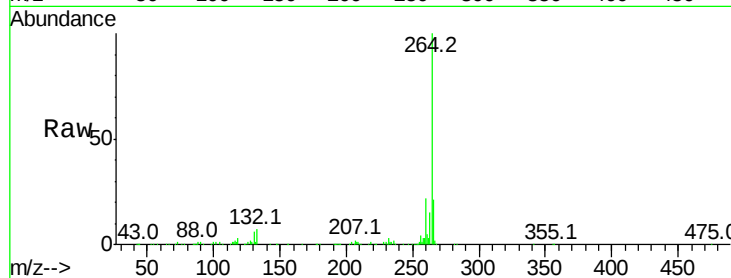




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032373.D
 Acq: 28 Jan 2018 2:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-012518

Tot Ion: 264 Resp: 317552
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 21.2 17.7 26.5



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

