

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028973.D
 Acq On : 29 Sep 2017 17:39
 Operator : SJ/JU
 Sample : I5450-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 18:52:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 17:54:09 2017
 Response via : Initial Calibration

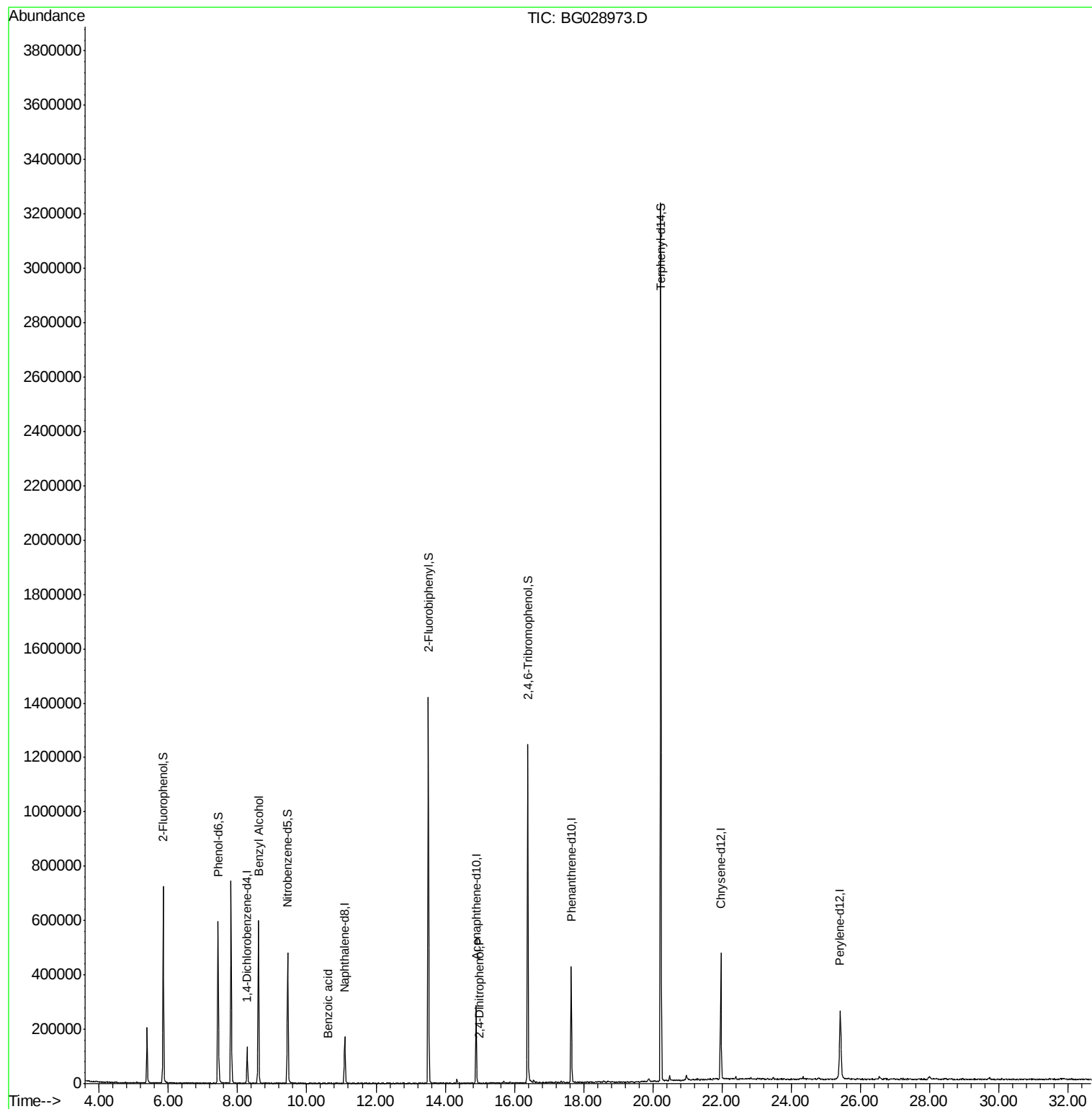
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36896	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	148716	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	106416	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	278845	20.00	ng	0.00
75) Chrysene-d12	21.97	240	323933	20.00	ng	0.00
86) Perylene-d12	25.41	264	333287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	306541	137.09	ng	0.00
7) Phenol-d6	7.44	99	365903	108.68	ng	0.00
23) Nitrobenzene-d5	9.45	82	310326	99.82	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	270561	153.72	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	787534	98.68	ng	0.00
78) Terphenyl-d14	20.23	244	1523506	100.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	5326	2.027	ng	# 38
32) Benzoic acid	10.62	122	69	6.118	ng	# 1
53) 2,4-Dinitrophenol	14.97	184	81	8.071	ng	# 15

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

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BNA_G

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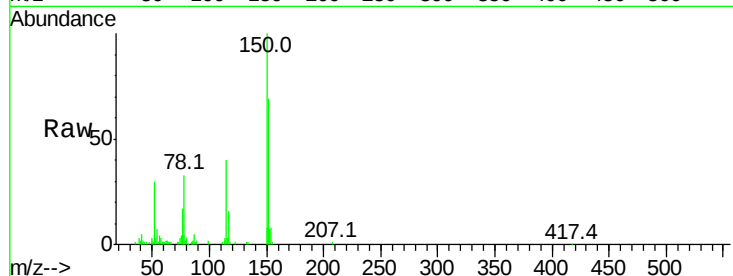
Tot Ion:152 Resp: 36896

Ion Ratio Lower Upper

152 100

150 144.1 114.0 171.0

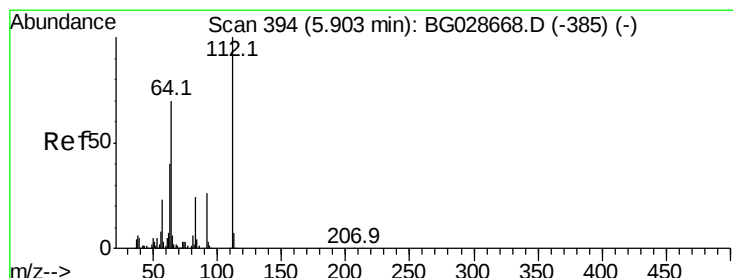
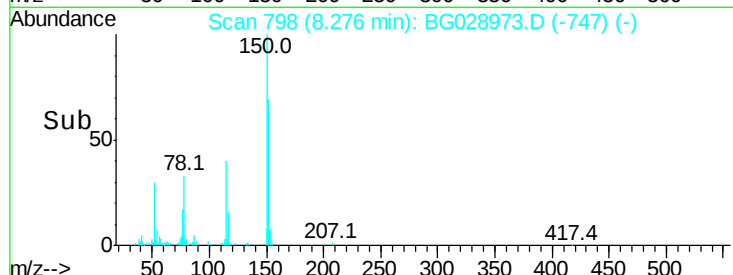
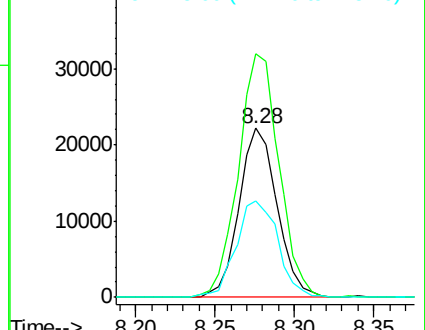
115 57.2 48.1 72.1



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: 137.090 ng

RT: 5.85 min Scan# 385

Delta R.T. 0.00 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

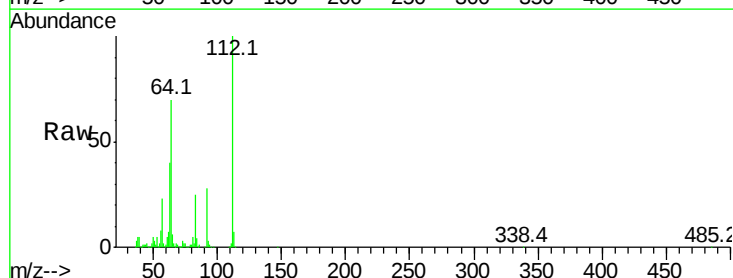
Tgt Ion:112 Resp: 306541

Ion Ratio Lower Upper

112 100

64 69.9 61.8 92.6

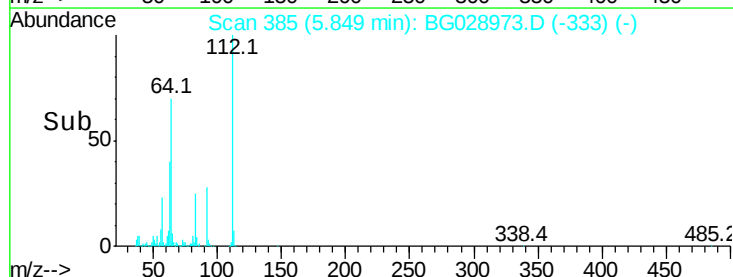
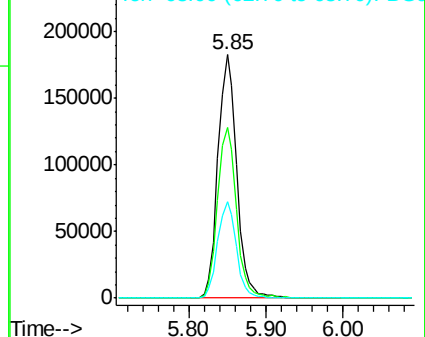
63 39.7 37.2 55.8

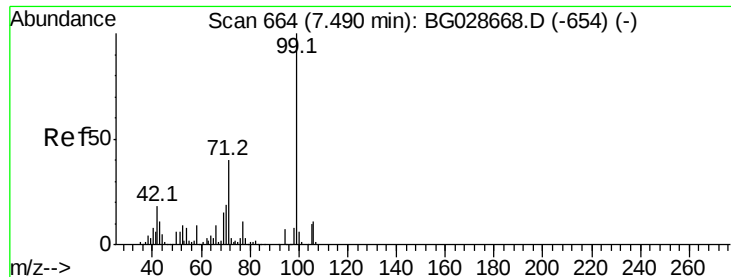


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.685 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.00 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

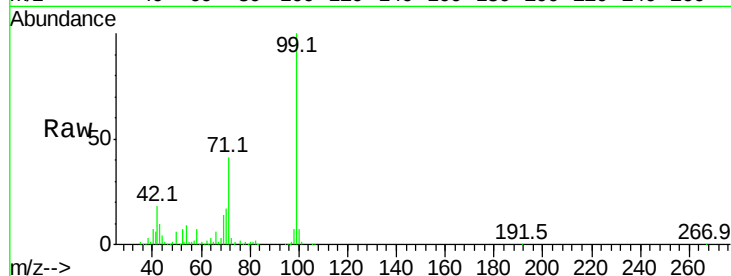
Tot Ion: 99 Resp: 365903

Ion Ratio Lower Upper

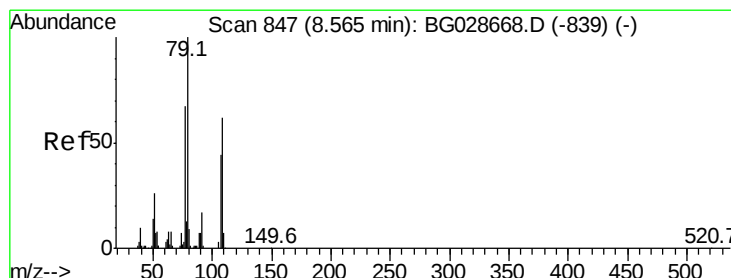
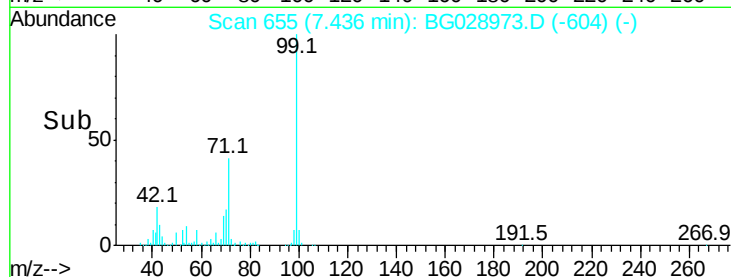
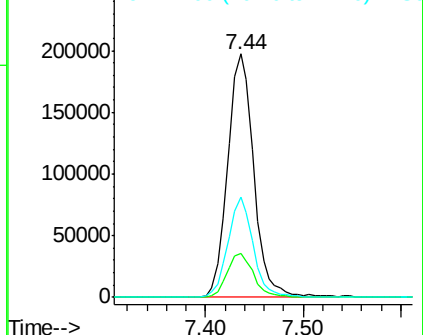
99 100

42 18.0 20.5 30.7#

71 41.1 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.027 ng

RT: 8.60 min Scan# 854

Delta R.T. 0.09 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

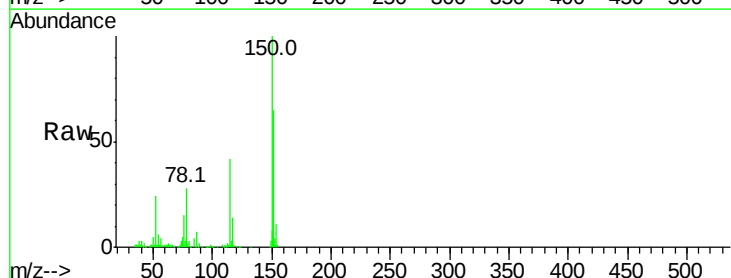
Tgt Ion: 79 Resp: 5326

Ion Ratio Lower Upper

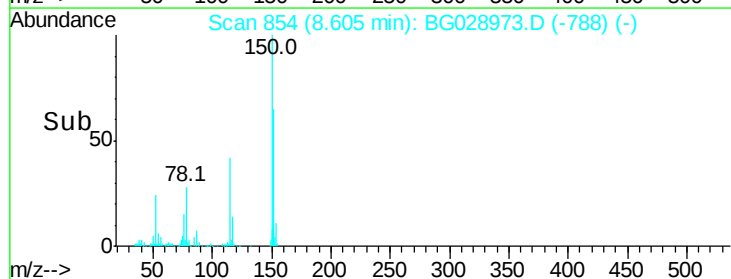
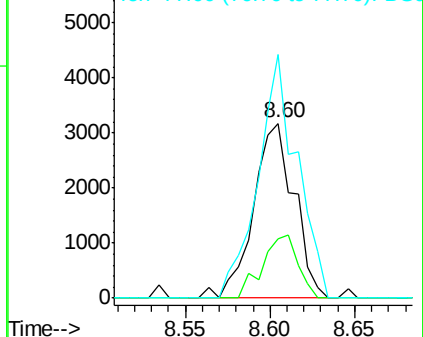
79 100

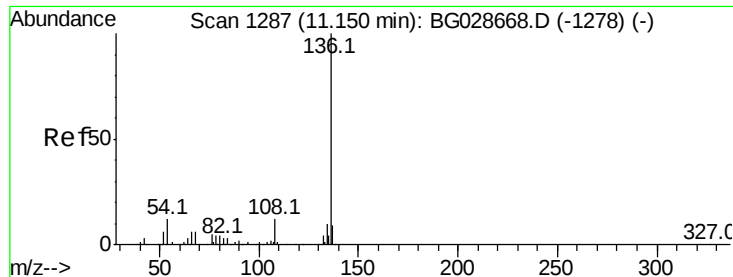
108 34.1 45.5 68.3#

77 139.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

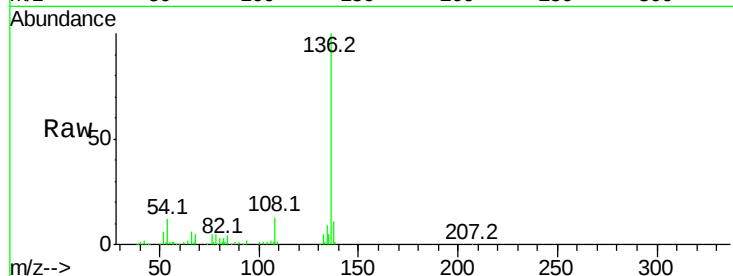




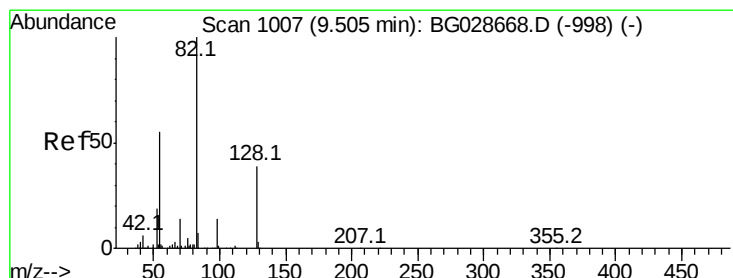
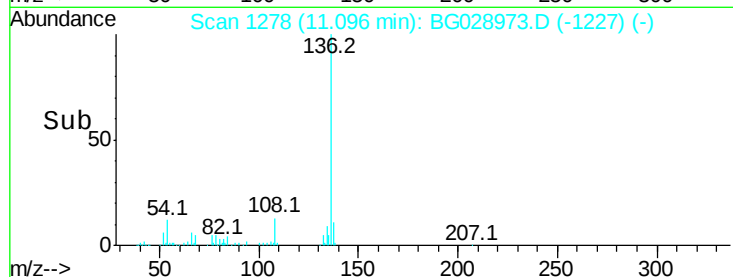
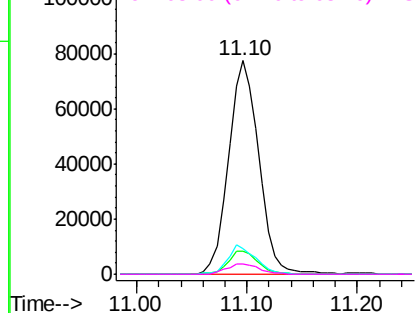
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BG028973.D
Acq: 29 Sep 2017 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	148716
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.3	9.3	13.9
68	4.6	5.1	7.7#

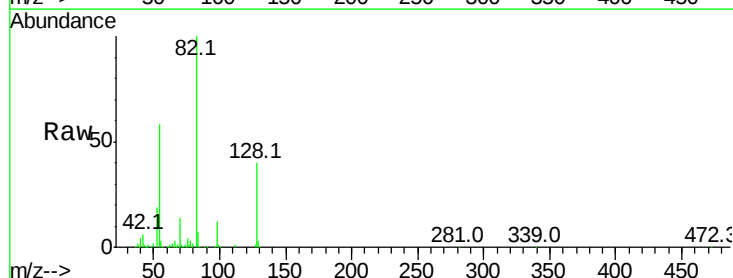


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

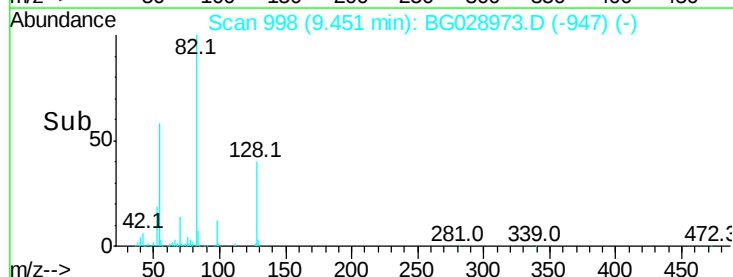
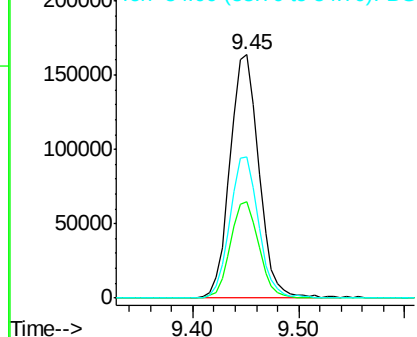


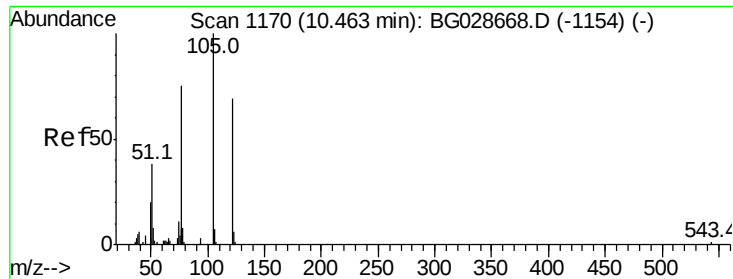
#23
Nitrobenzene-d5
Concen: 99.822 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG028973.D
Acq: 29 Sep 2017 17:39

Tgt Ion:	82	Resp:	310326
Ion	Ratio	Lower	Upper
82	100		
128	39.7	26.4	39.6#
54	58.1	49.4	74.2



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

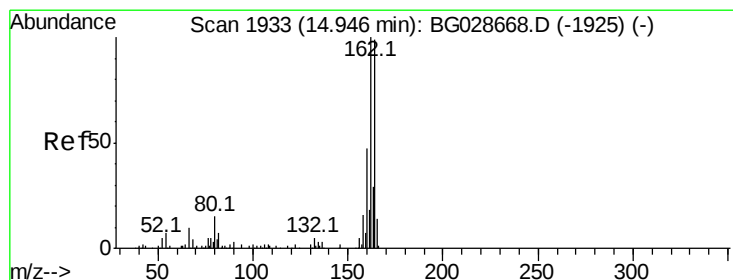
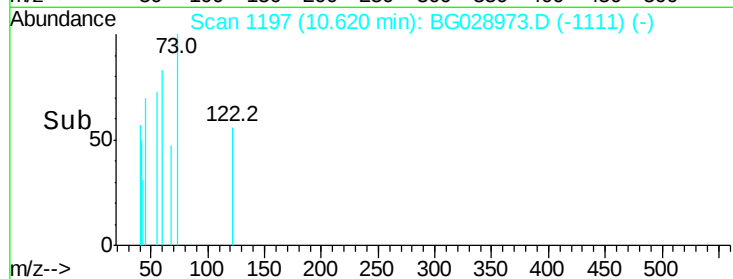
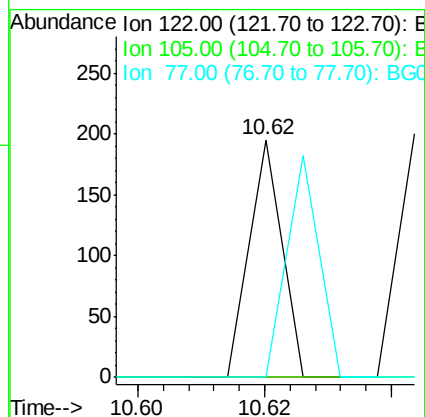
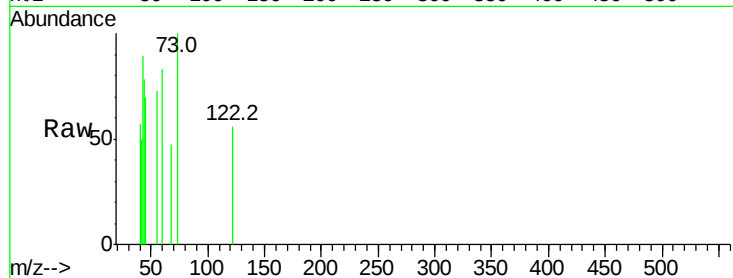




#32
Benzoic acid
Concen: 6.118 ng
RT: 10.62 min Scan# 1197
Delta R.T. 0.20 min
Lab File: BG028973.D
Acq: 29 Sep 2017 17:39

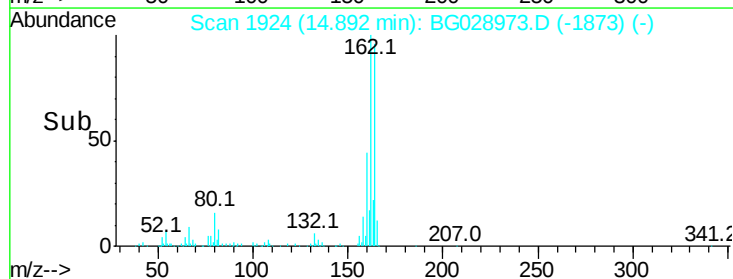
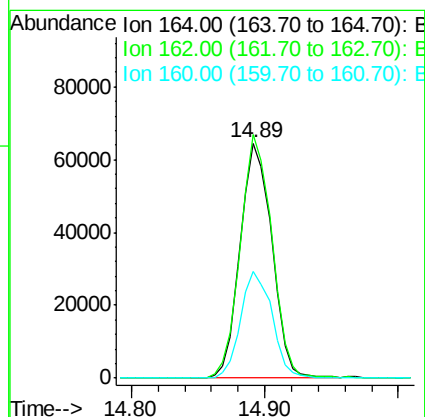
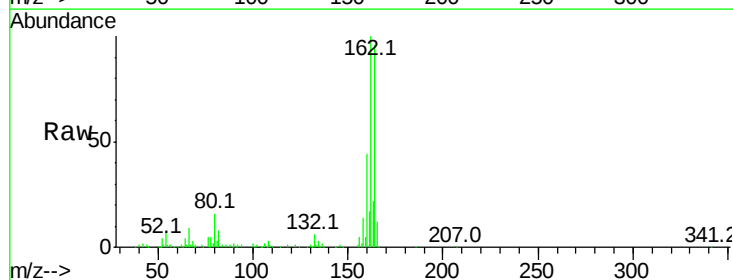
Instrument :
BNA_G
ClientSampleId :

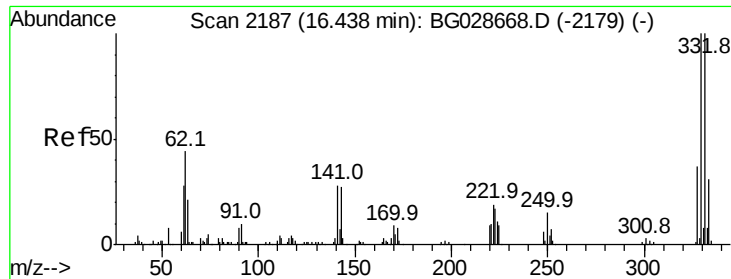
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BG028973.D
Acq: 29 Sep 2017 17:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	45.6	34.7	52.1

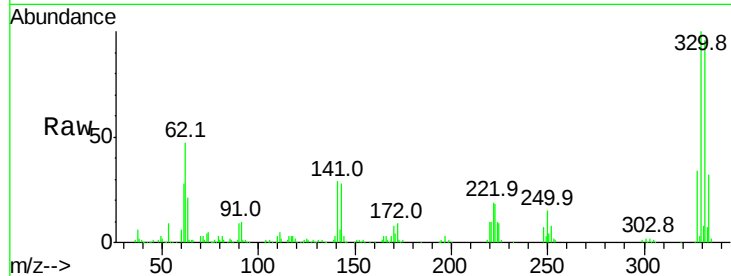




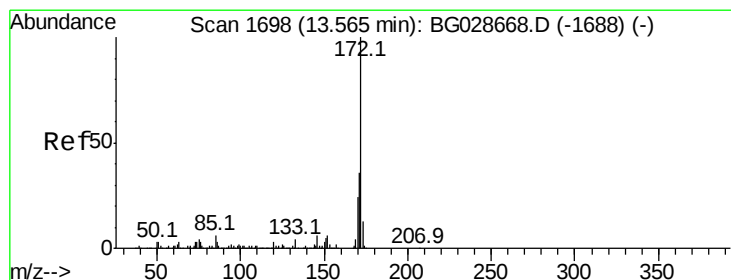
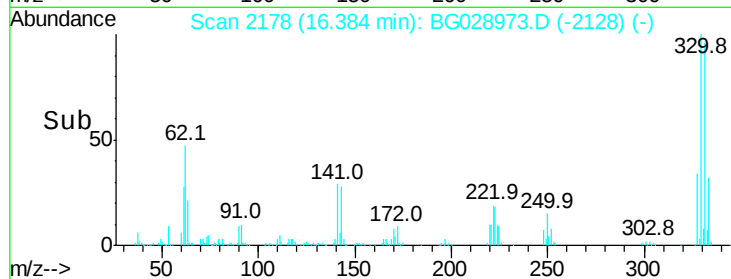
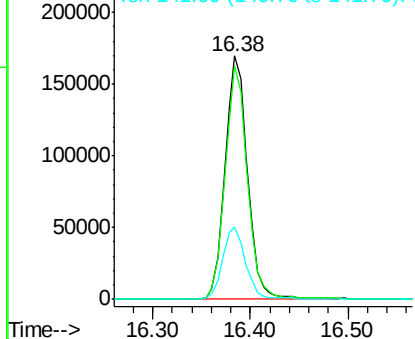
#41
 2,4,6-Tribromophenol
 Concen: 153.723 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG028973.D
 Acq: 29 Sep 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	30.5	32.1	48.1#

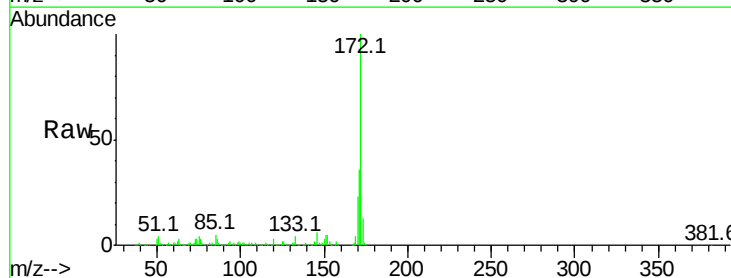


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

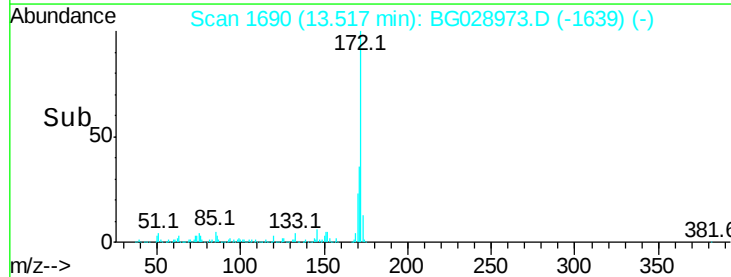
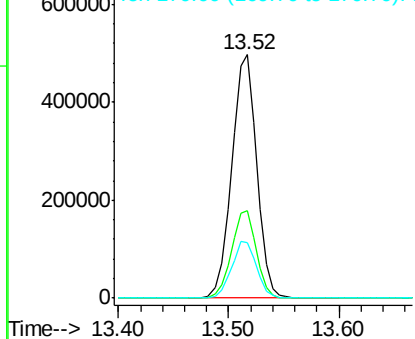


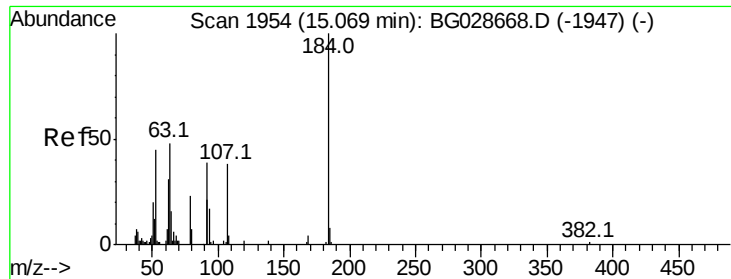
#44
 2-Fluorobiphenyl
 Concen: 98.680 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG028973.D
 Acq: 29 Sep 2017 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	22.6	21.8	32.6



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





#53

2,4-Dinitrophenol

Concen: 8.071 ng

RT: 14.97 min Scan# 1938

Delta R.T. -0.05 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

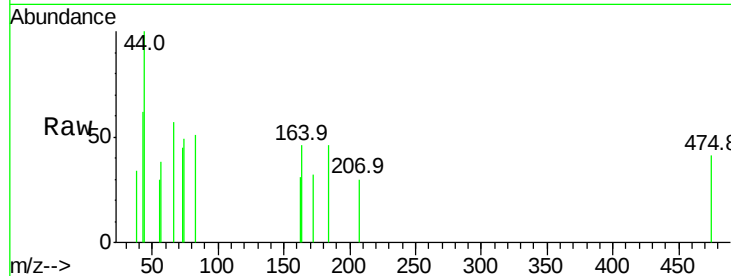
Tot Ion:184 Resp: 81

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

154 0.0 57.3 85.9#



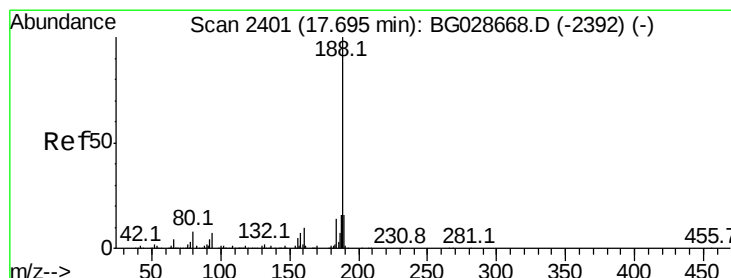
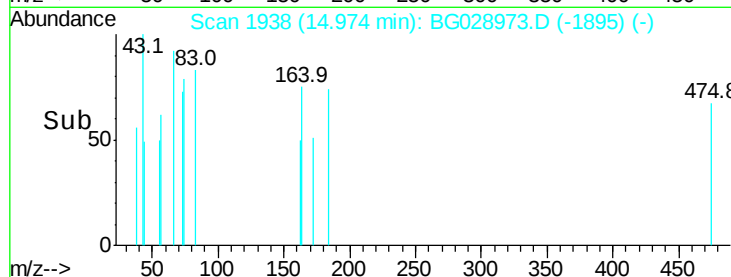
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

14.97

Time--> 14.96 14.98



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

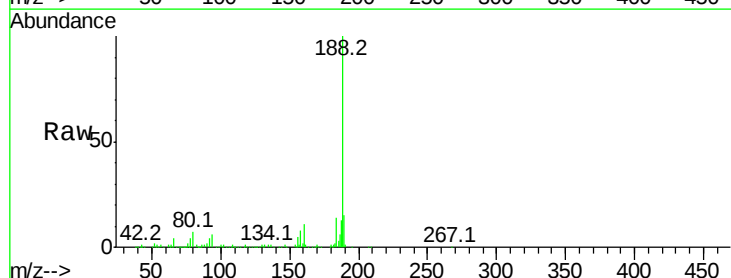
Tgt Ion:188 Resp: 278845

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

80 7.2 7.5 11.3#



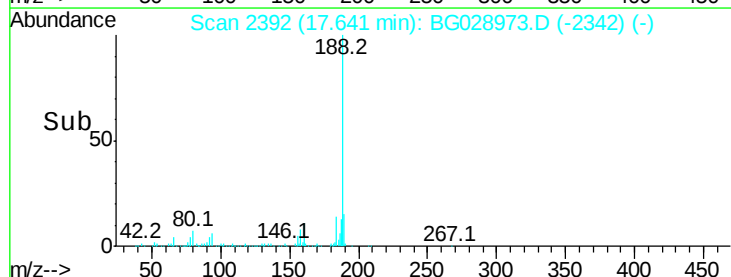
Abundance Ion 188.00 (187.70 to 188.70): E

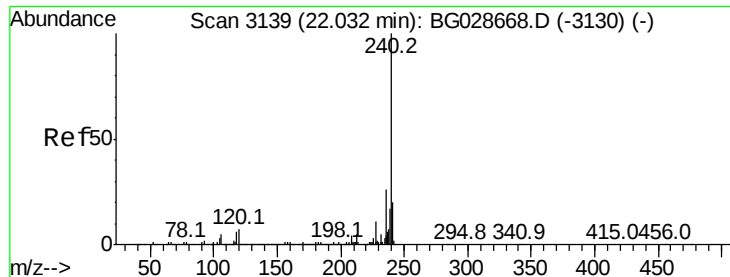
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.64

Time--> 17.55 17.60 17.65 17.70





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

Instrument :

BNA_G

ClientSampleId :

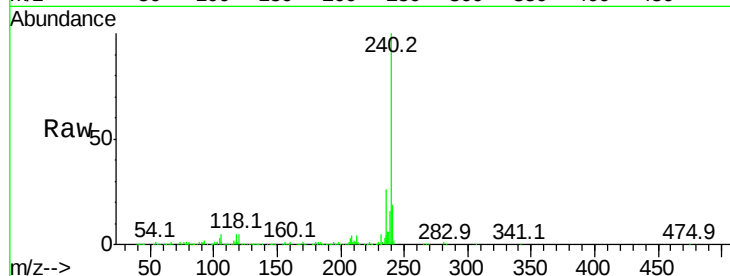
Tot Ion:240 Resp: 323933

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

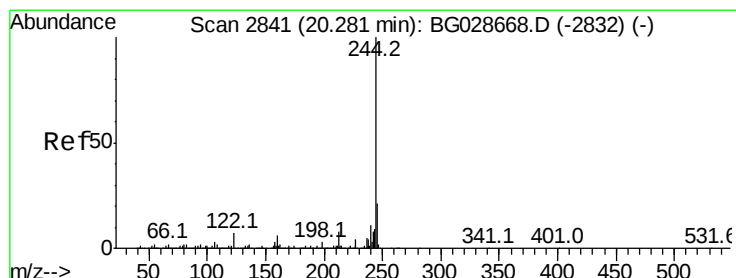
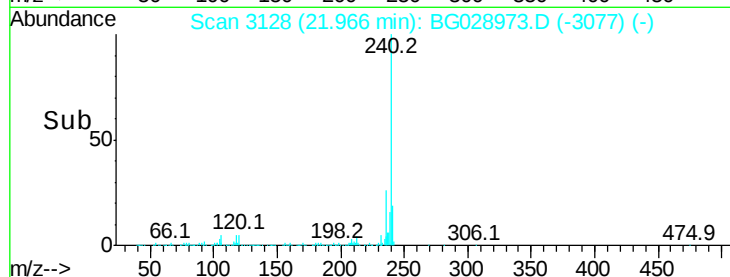
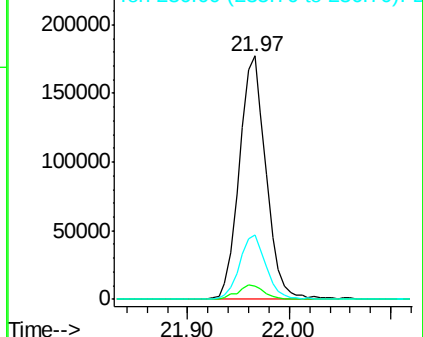
236 26.5 22.2 33.4



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: 100.298 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG028973.D

Acq: 29 Sep 2017 17:39

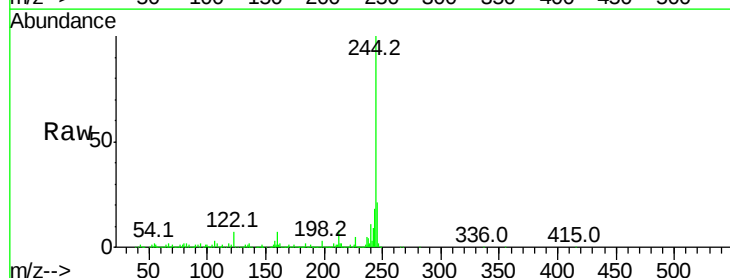
Tgt Ion:244 Resp: 1523506

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

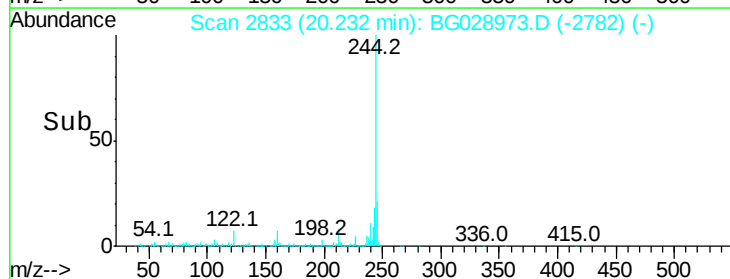
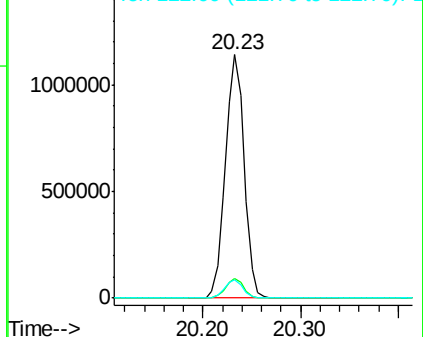
122 7.3 8.6 12.8#

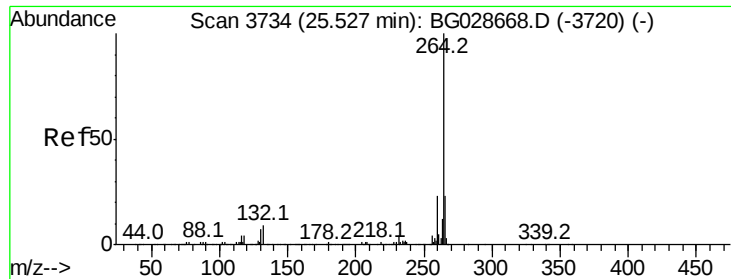


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

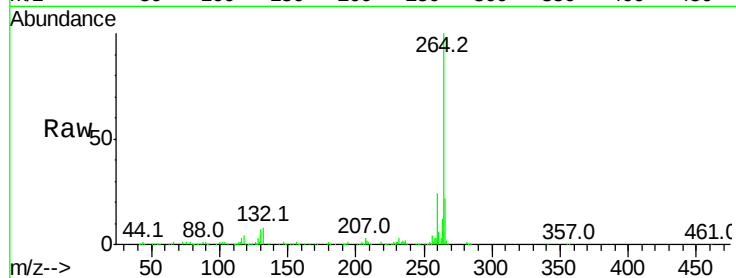




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.41 min Scan# 3715
 Delta R.T. -0.00 min
 Lab File: BG028973.D
 Acq: 29 Sep 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.4	18.2	27.4



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

