

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031633.D
 Acq On : 18 Dec 2017 14:03
 Operator : SJ/JU
 Sample : I6909-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:00:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

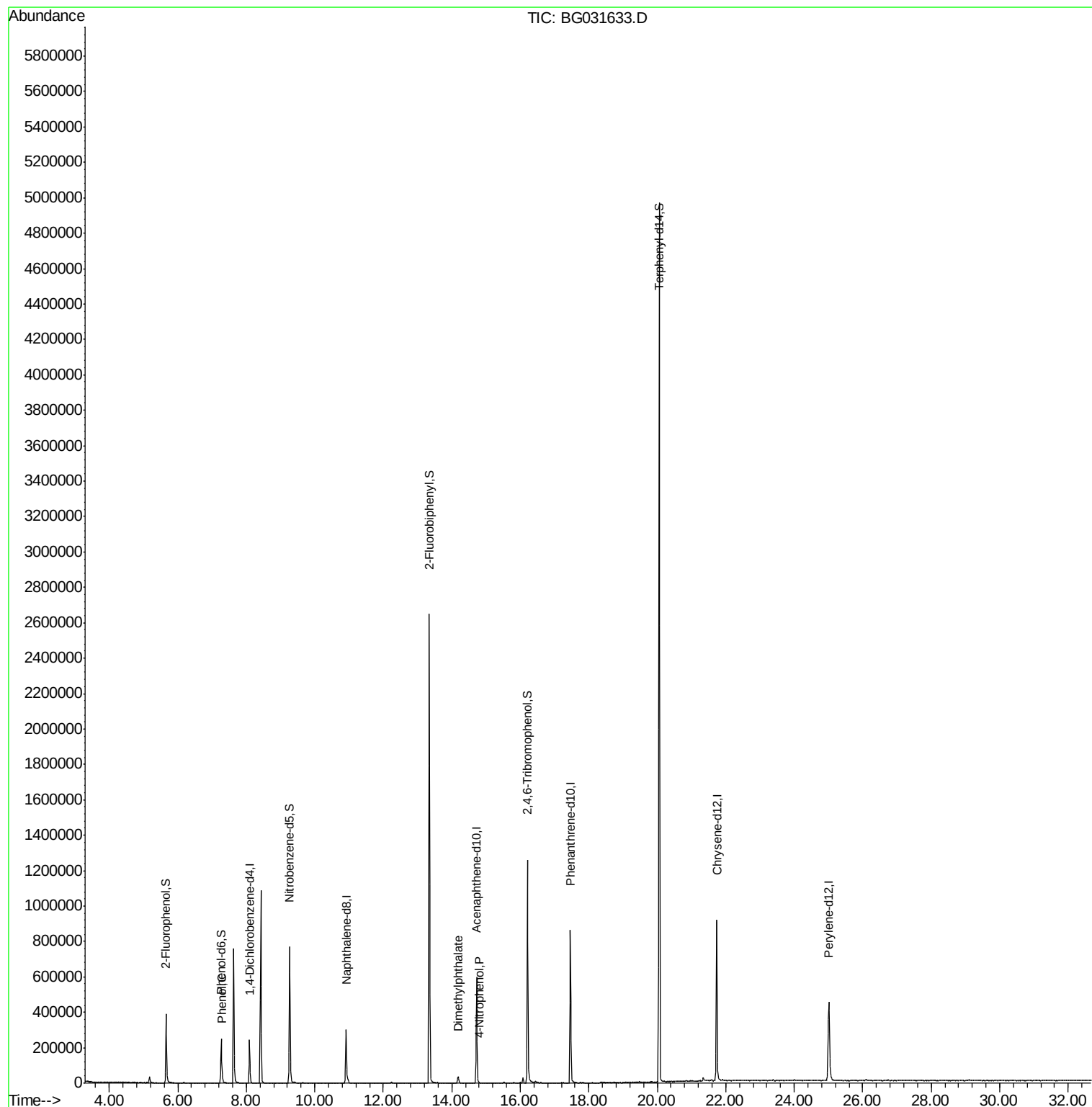
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74957	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	337317	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	233525	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	596565	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	634578	20.00	ng	-0.01
86) Perylene-d12	25.01	264	545314	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	218853	51.75	ng	-0.01
7) Phenol-d6	7.27	99	177670	30.26	ng	0.00
23) Nitrobenzene-d5	9.27	82	521932	95.37	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	283827	103.74	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1563825	98.30	ng	0.00
78) Terphenyl-d14	20.06	244	2504427	89.79	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	14321	2.375	ng	97
49) Dimethylphthalate	14.19	163	46612	2.411	ng	# 97
55) 4-Nitrophenol	14.82	139	59	3.562	ng	# 1

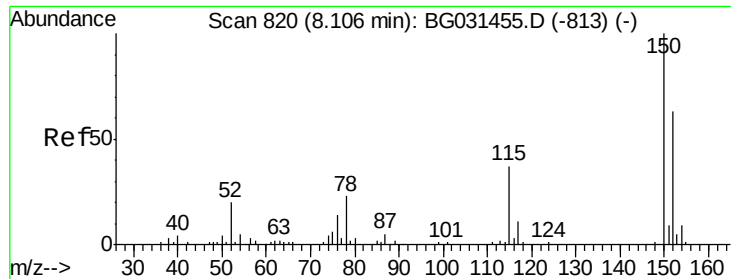
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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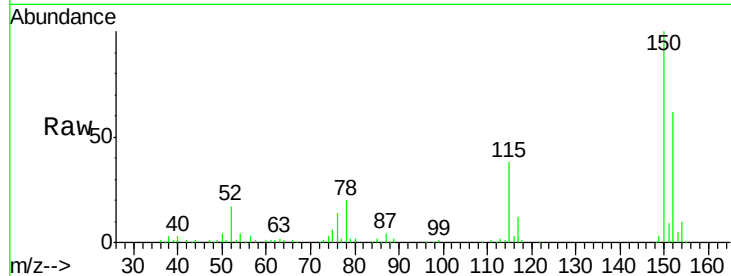


#1

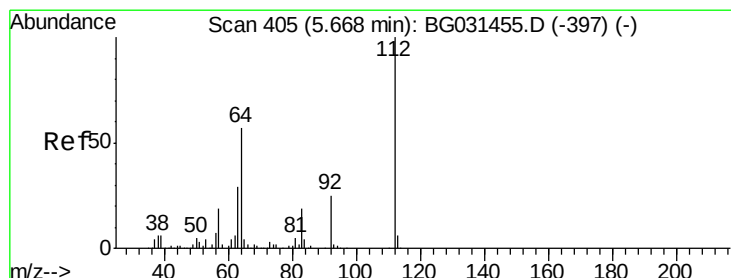
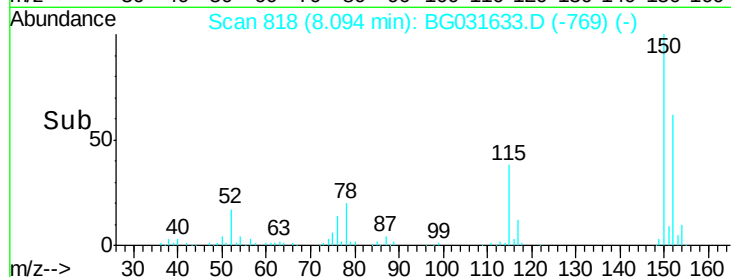
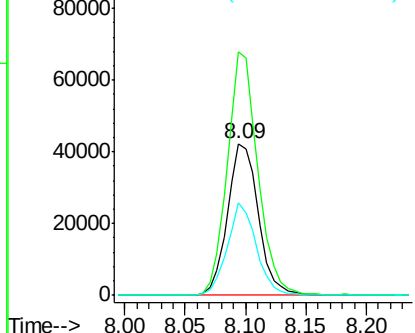
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	60.9	53.0	79.4



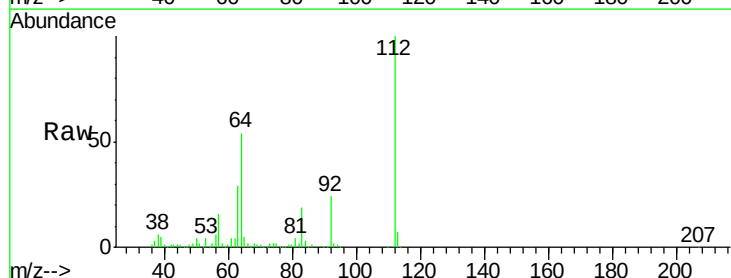
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



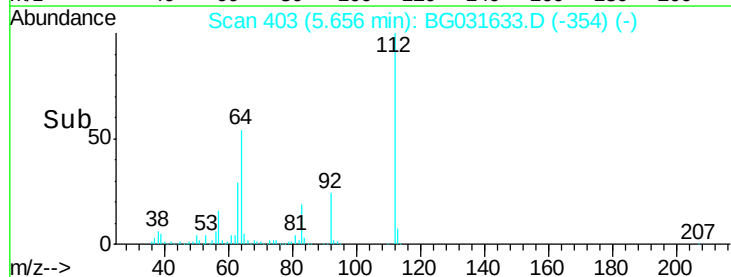
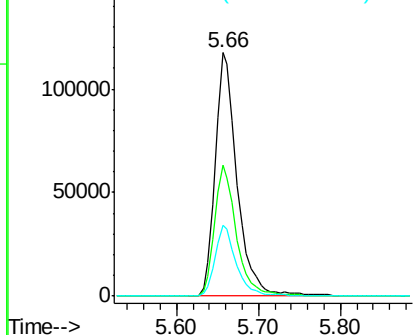
#5

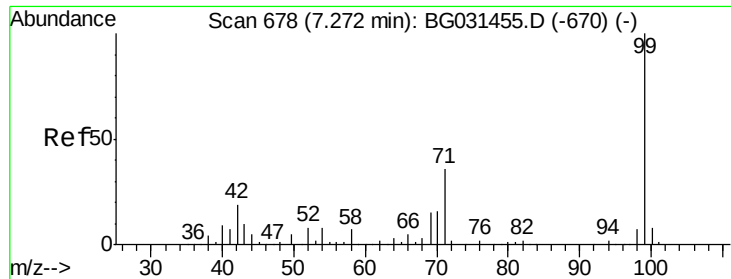
2-Fluorophenol
Concen: 51.752 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	56.3	84.5#
63	29.0	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: 30.264 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

Instrument :

BNA_G

ClientSampleId :

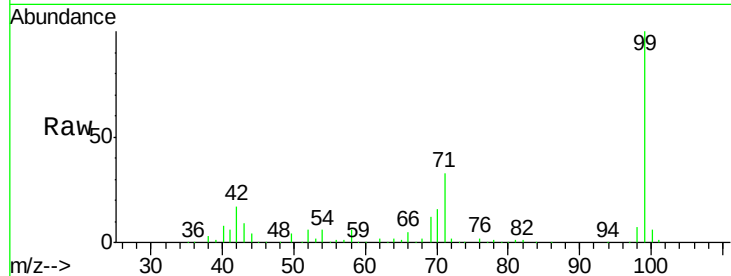
Tot Ion: 99 Resp: 177670

Ion Ratio Lower Upper

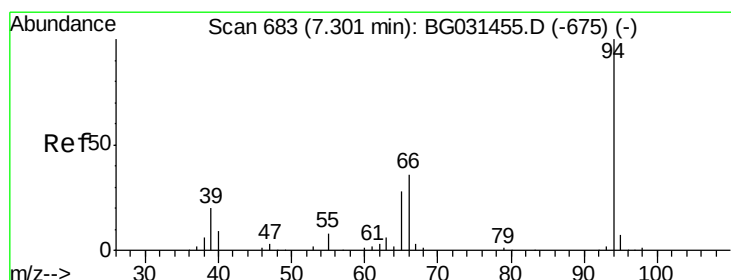
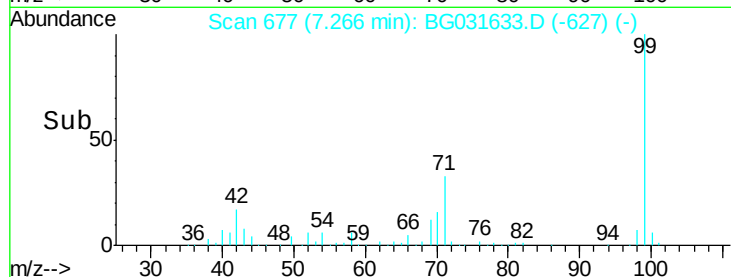
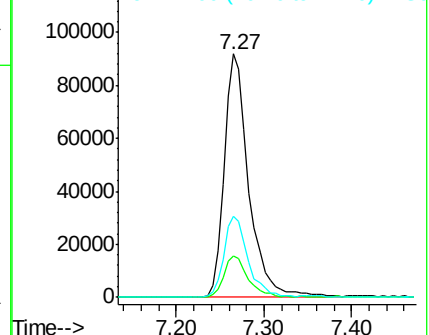
99 100

42 17.2 14.1 21.1

71 33.2 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



#10

Phenol

Concen: 2.375 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

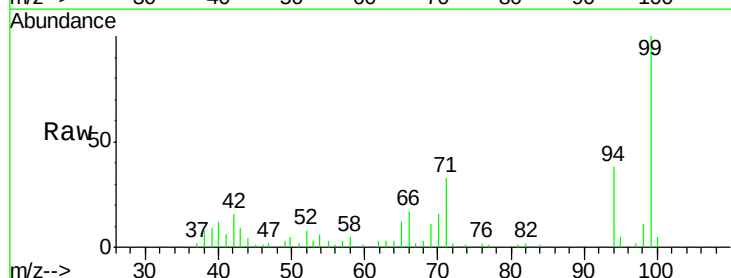
Tgt Ion: 94 Resp: 14321

Ion Ratio Lower Upper

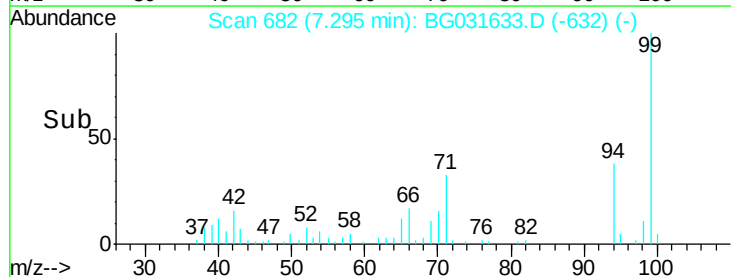
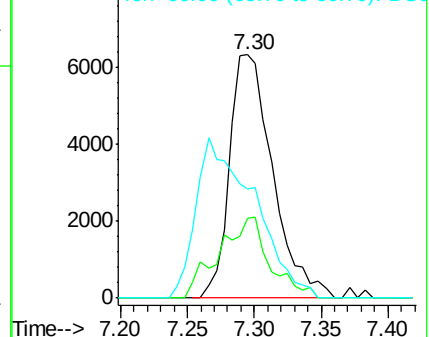
94 100

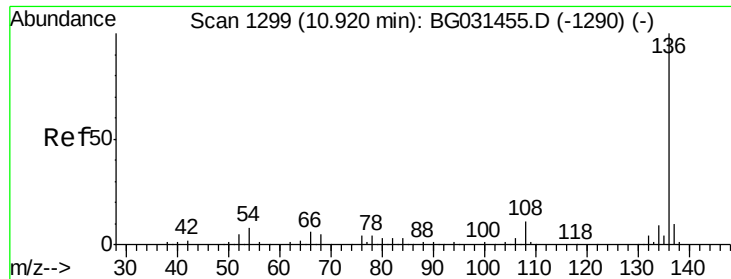
65 33.0 11.9 51.9

66 44.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

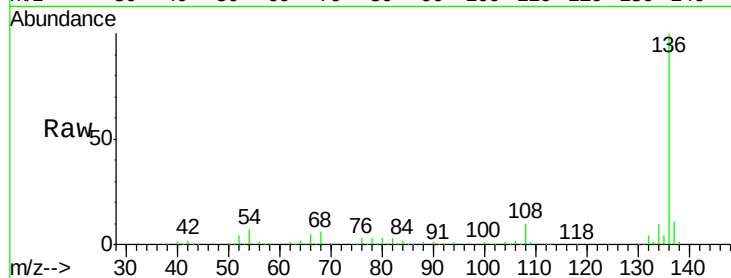




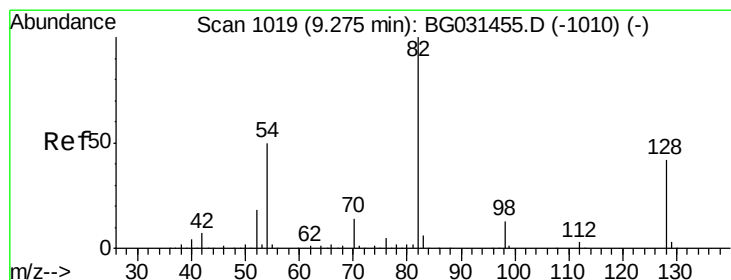
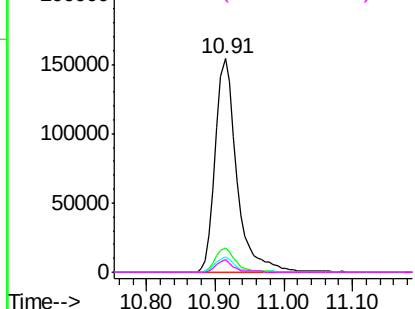
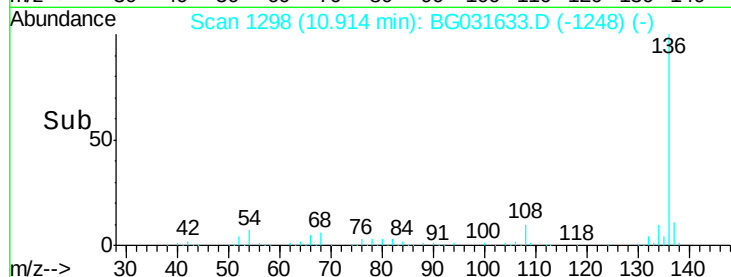
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	337317
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	7.2	10.3 15.5#
68	5.8	4.5 6.7

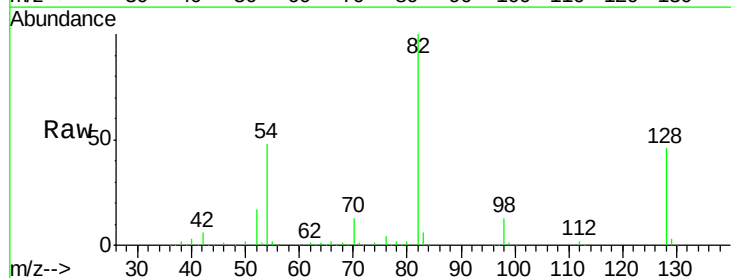


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

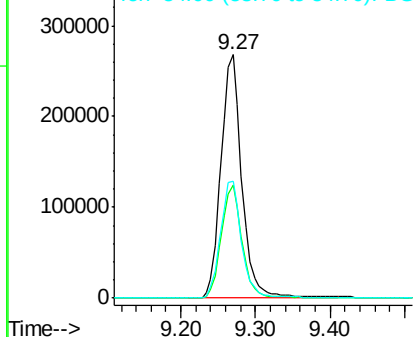
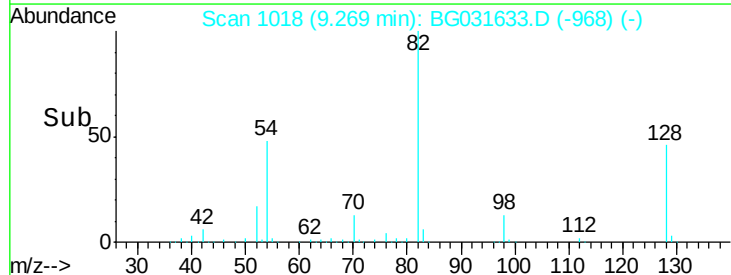


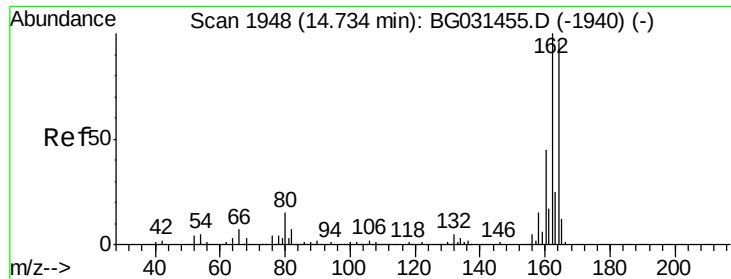
#23
Nitrobenzene-d5
Concen: 95.371 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion: 82	Resp:	521932
Ion Ratio	Lower	Upper
82	100	
128	46.2	29.7 44.5#
54	48.2	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

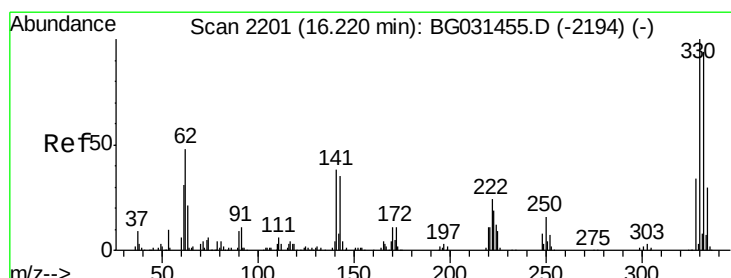
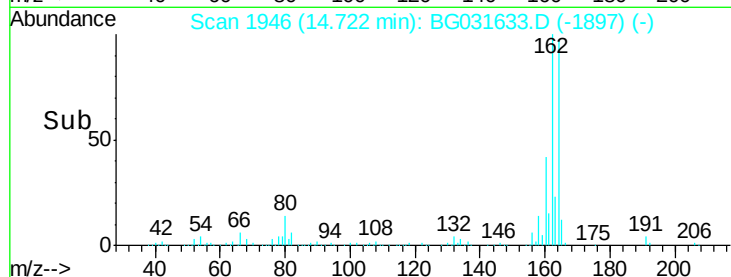
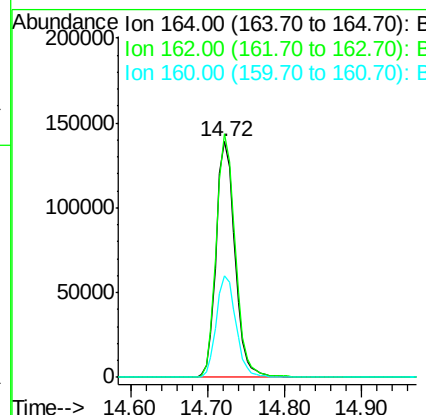
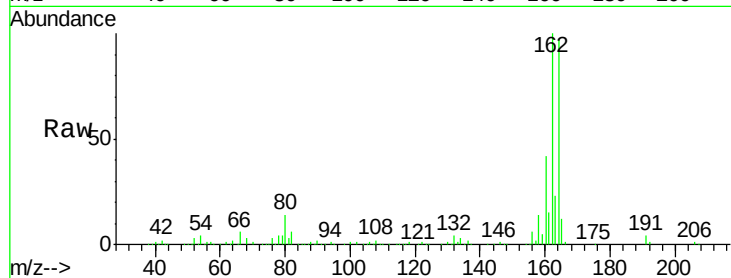




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

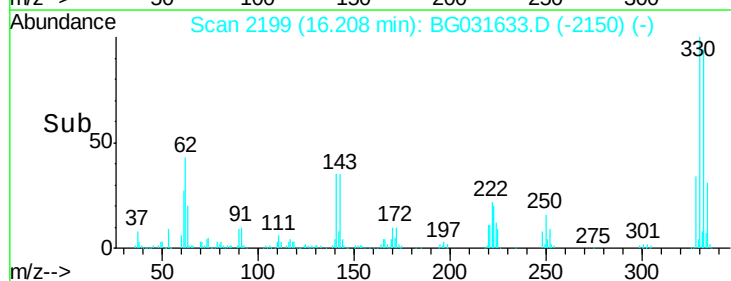
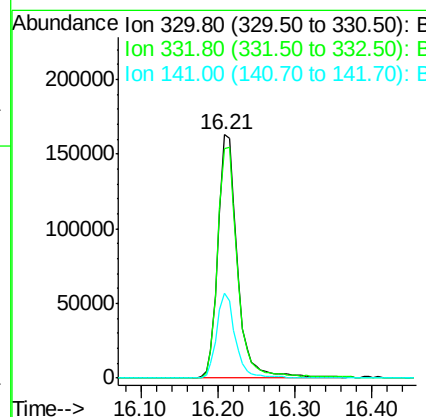
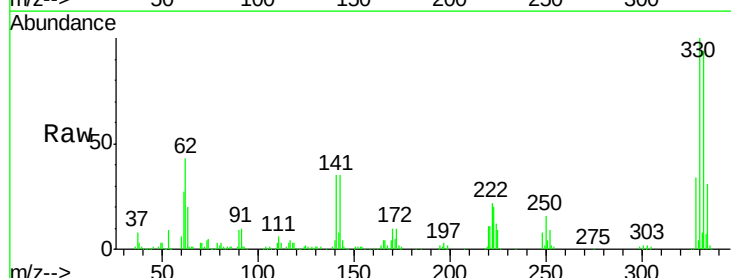
Instrument :
 BNA_G
 ClientSampleId :

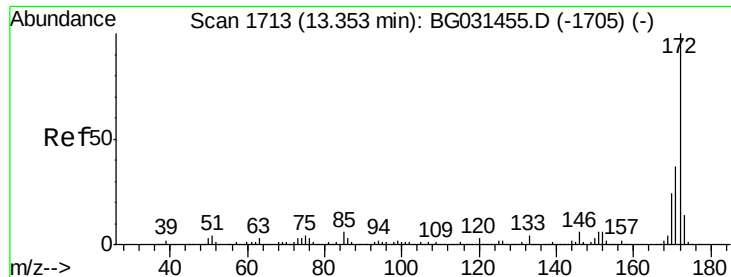
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	43.2	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 103.744 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.6	25.2	37.8

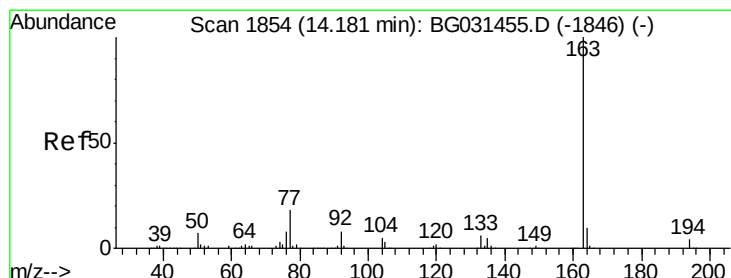
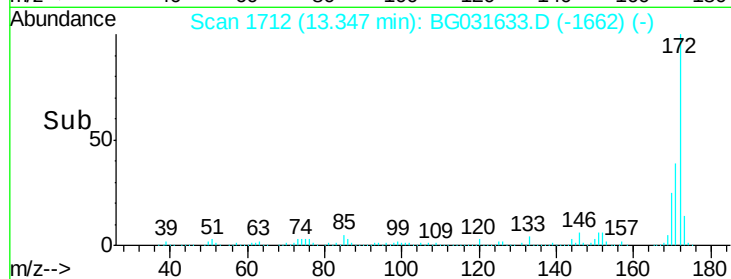
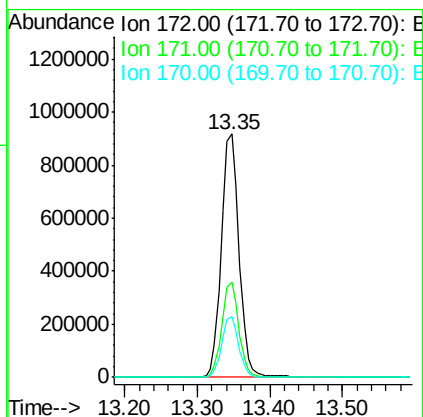
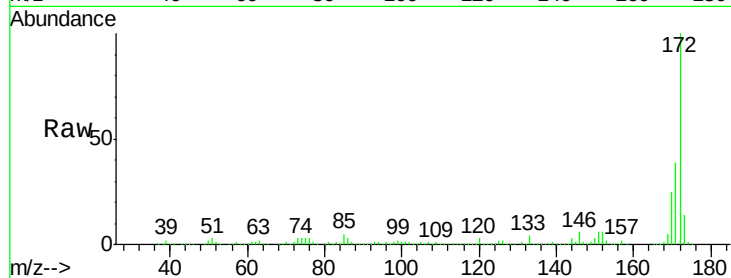




#44
2-Fluorobiphenyl
Concen: 98.297 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

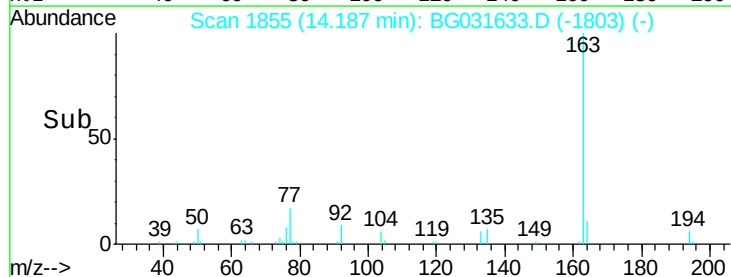
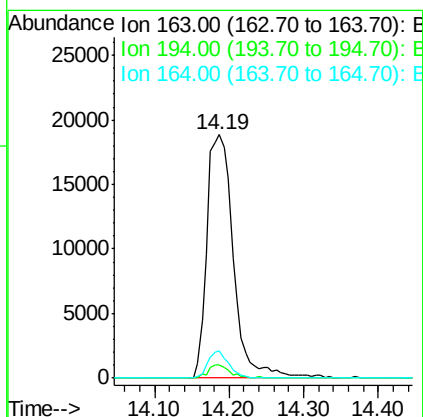
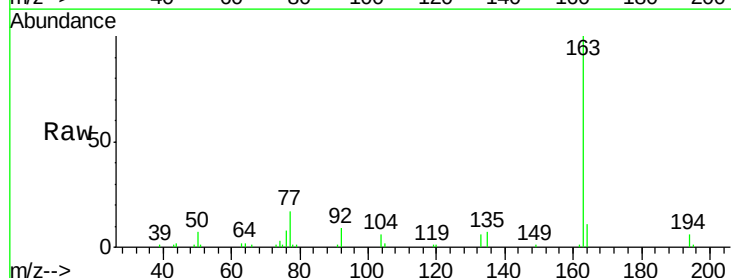
Instrument :
BNA_G
ClientSampleId :

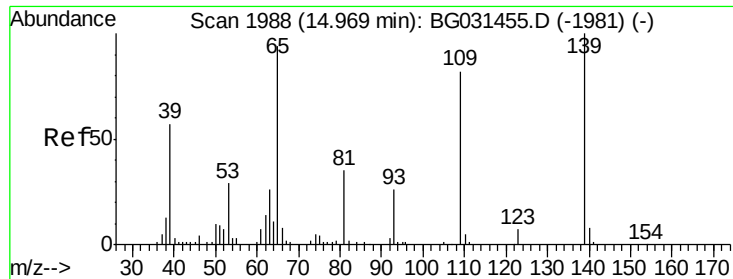
Tot Ion:172 Resp: 1563825
Ion Ratio Lower Upper
172 100
171 38.9 30.0 45.0
170 24.7 19.5 29.3



#49
Dimethylphthalate
Concen: 2.411 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion:163 Resp: 46612
Ion Ratio Lower Upper
163 100
194 5.6 3.4 5.2#
164 11.1 8.2 12.4

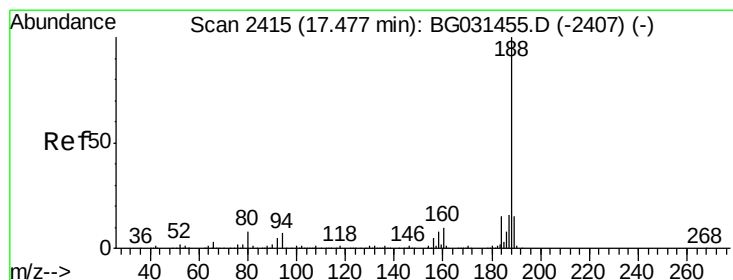
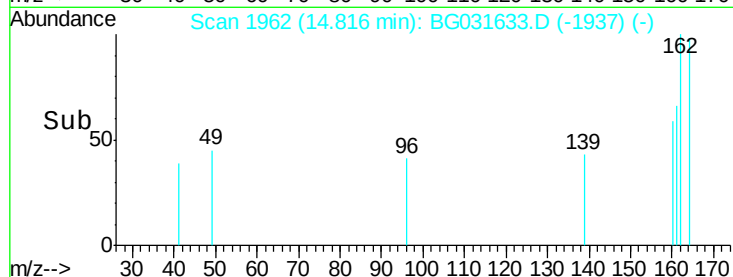
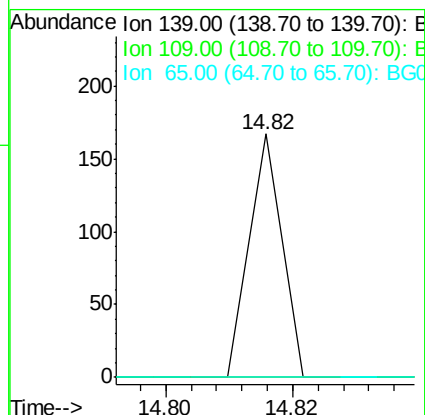
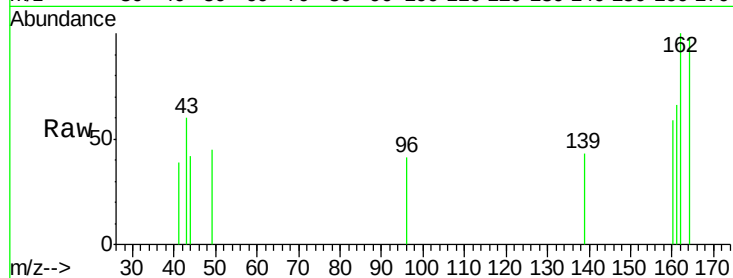




#55
4-Nitrophenol
Concen: 3.562 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.15 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

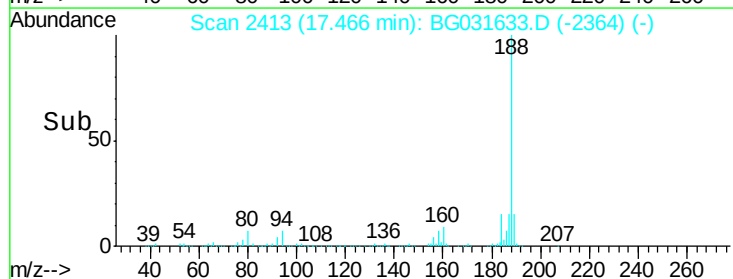
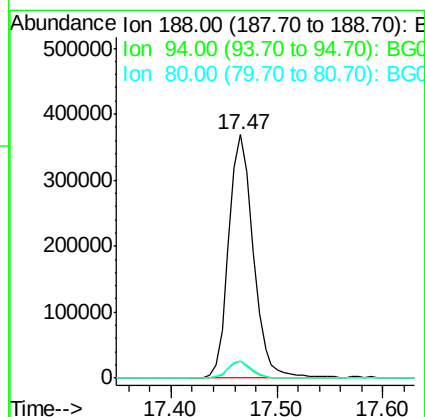
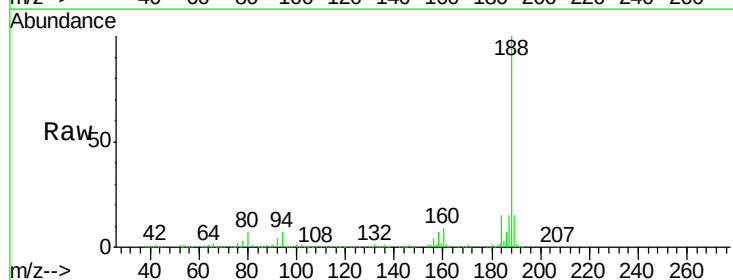
Instrument :
BNA_G
ClientSampleId :

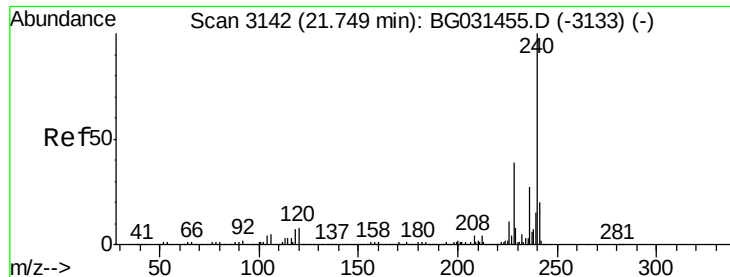
Tot Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion:188 Resp: 596565
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.1 7.7 11.5#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

Instrument :

BNA_G

ClientSampleId :

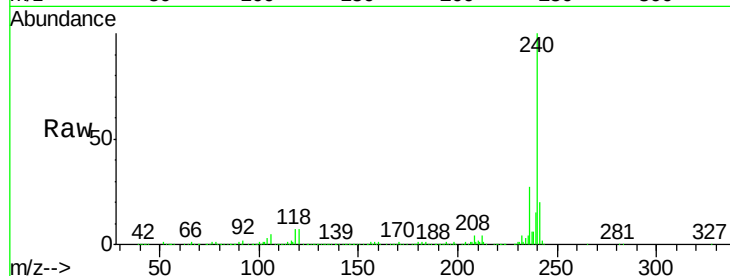
Tot Ion:240 Resp: 634578

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

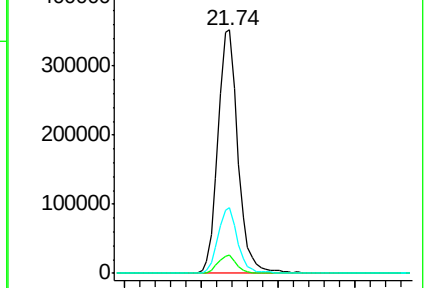
236 26.9 20.9 31.3



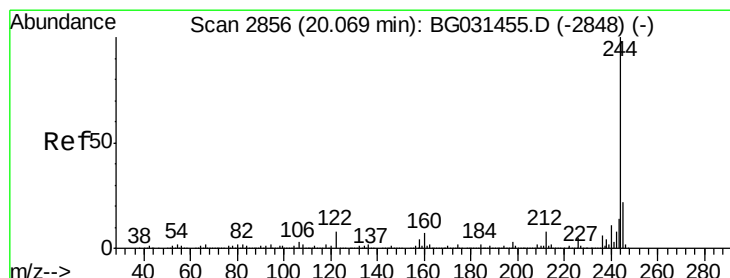
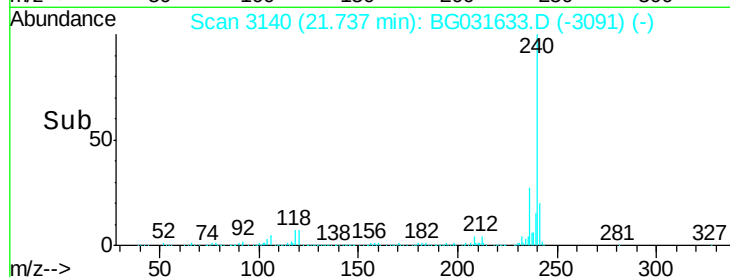
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 89.792 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

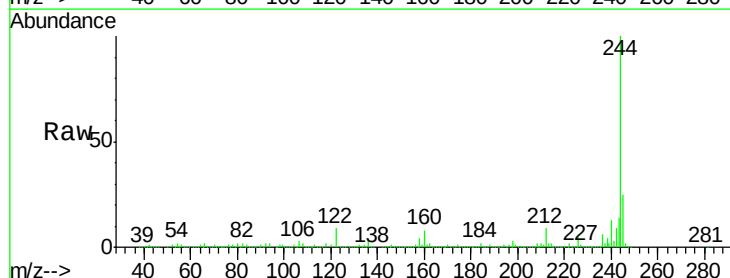
Tgt Ion:244 Resp: 2504427

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

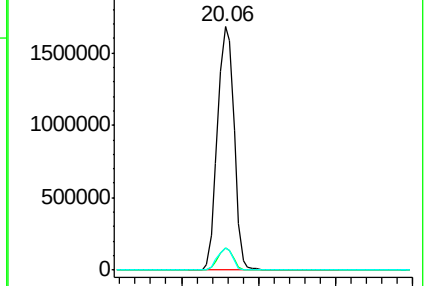
122 8.9 7.0 10.4



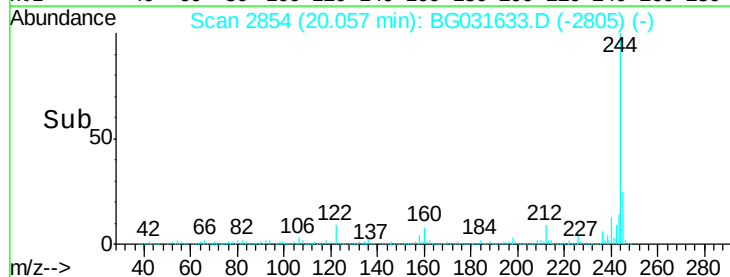
Abundance Ion 244.00 (243.70 to 244.70): E

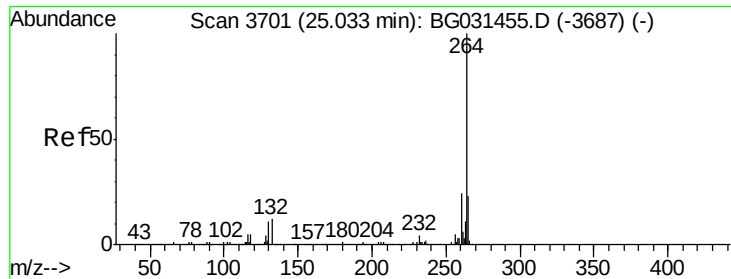
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20

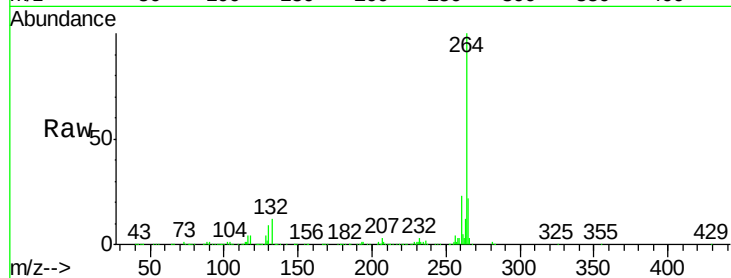




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3697
 Delta R.T. -0.02 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.8	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

