

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031582.D
 Acq On : 15 Dec 2017 6:29
 Operator : SJ/JU
 Sample : I6889-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 08:01:05 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

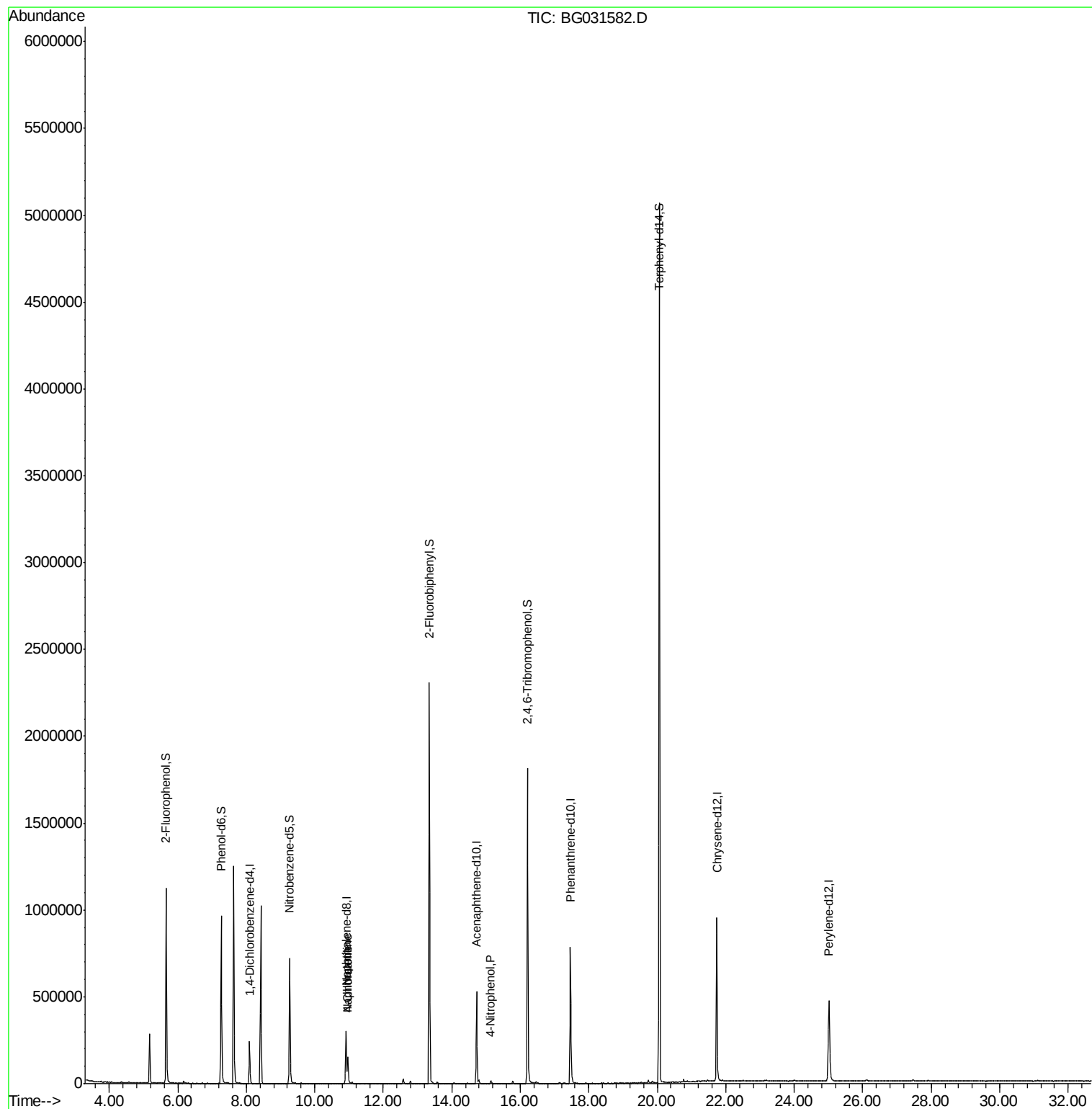
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	75652	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	312836	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	201221	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	524239	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	646915	20.00	ng	-0.01
86) Perylene-d12	25.02	264	558017	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	580500	136.01	ng	0.00
7) Phenol-d6	7.27	99	650072	109.72	ng	0.00
23) Nitrobenzene-d5	9.27	82	485867	95.73	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	391190	165.94	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1345060	98.12	ng	0.00
78) Terphenyl-d14	20.06	244	2499361	87.90	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	150742	9.808	ng	99
33) 4-Chloroaniline	10.97	127	20264	3.037	ng	# 34
55) 4-Nitrophenol	15.15	139	4641	5.351	ng	# 1

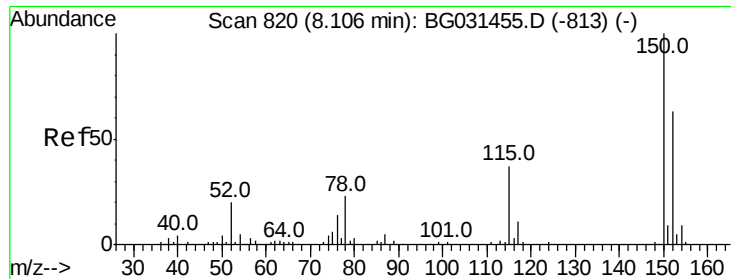
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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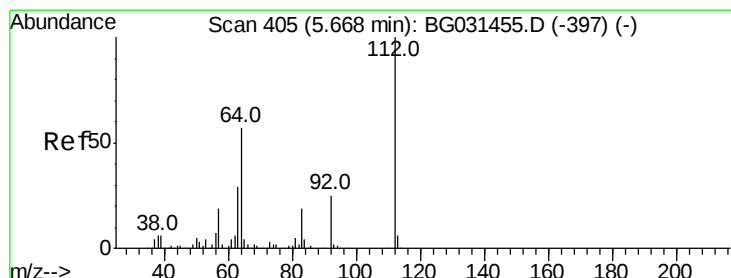
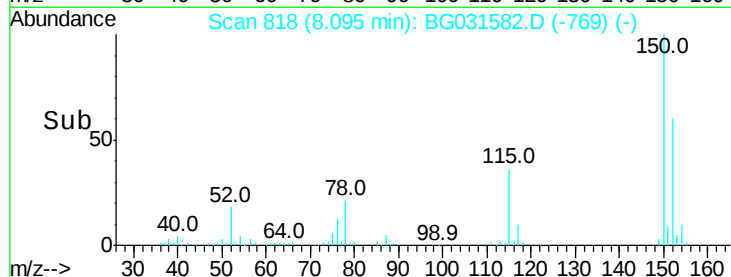
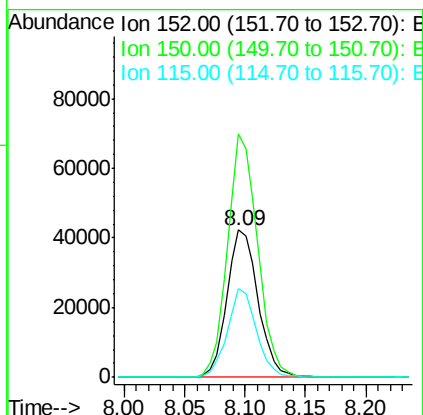
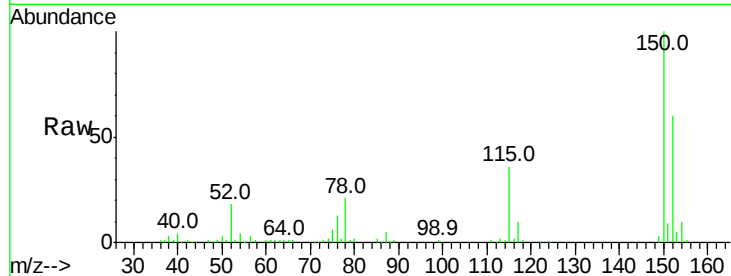


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Instrument :
BNA_G
ClientSampleId :

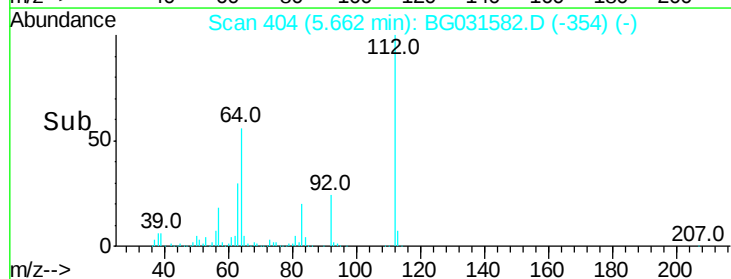
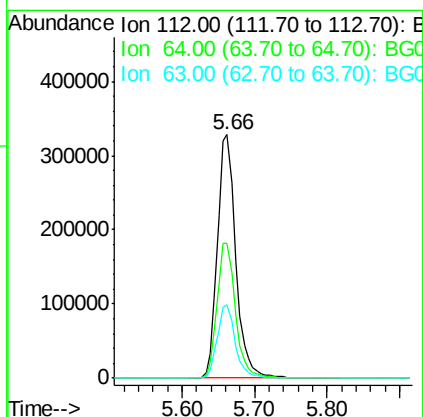
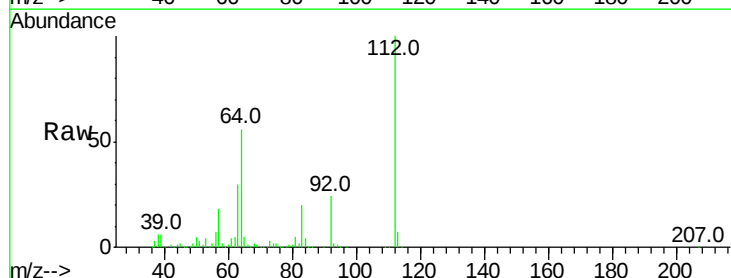
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	126.6	189.8
115	60.4	53.0	79.4



#5

2-Fluorophenol
Concen: 136.011 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	56.3	84.5#
63	30.3	30.1	45.1





#7

Phenol-d6

Concen: 109.716 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031582.D

Acq: 15 Dec 2017 6:29

Instrument :

BNA_G

ClientSampleId :

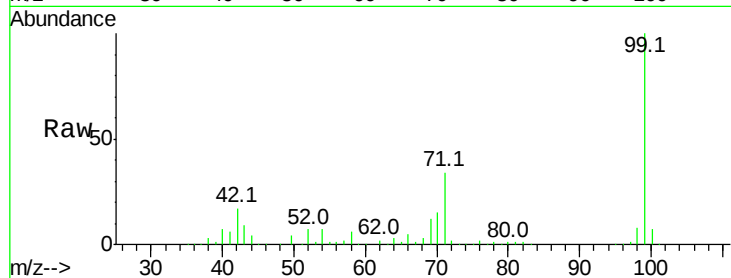
Tot Ion: 99 Resp: 650072

Ion Ratio Lower Upper

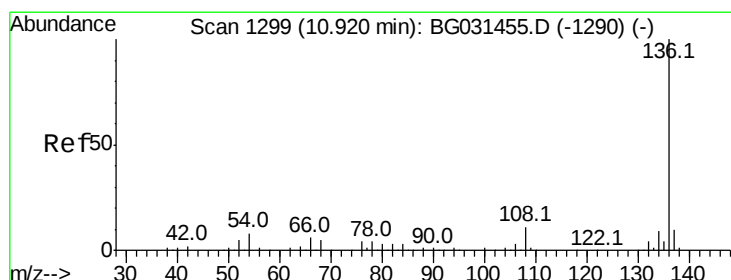
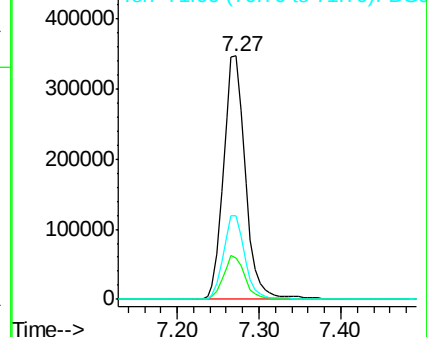
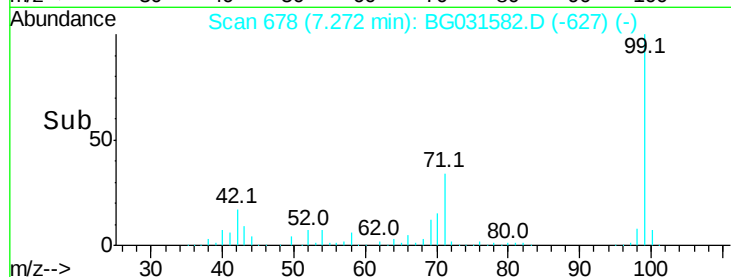
99 100

42 17.2 14.1 21.1

71 34.3 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031582.D

Acq: 15 Dec 2017 6:29

Tgt Ion: 136 Resp: 312836

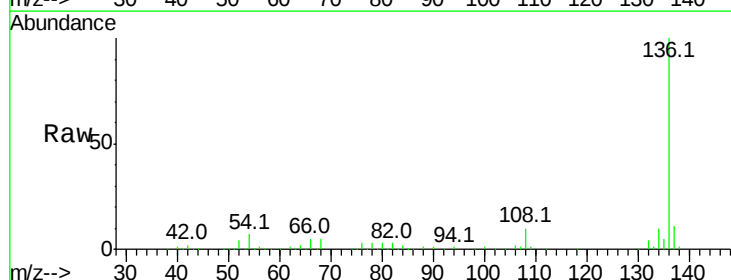
Ion Ratio Lower Upper

136 100

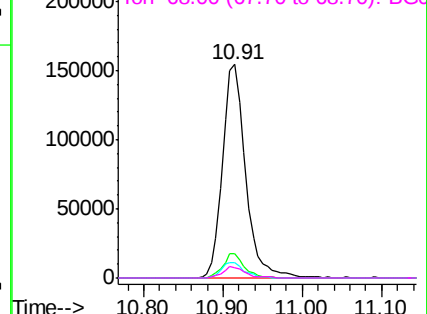
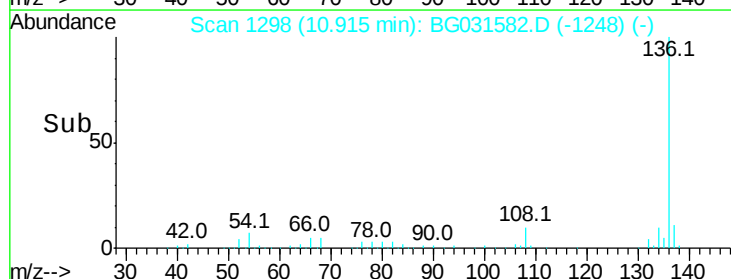
137 11.2 9.2 13.8

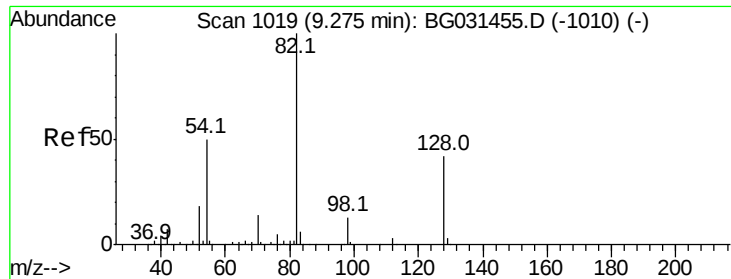
54 7.2 10.3 15.5#

68 4.8 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

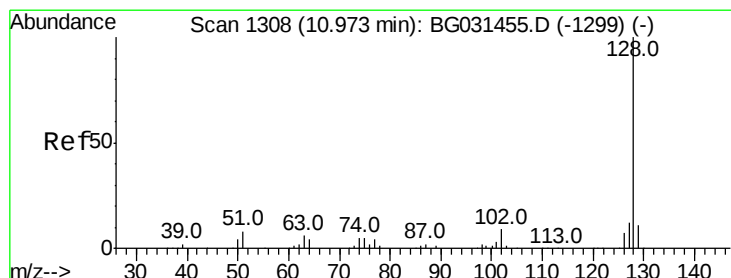
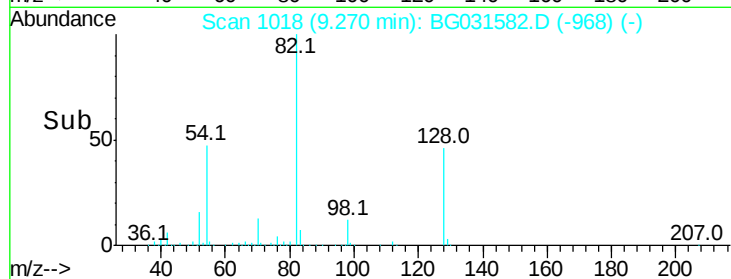
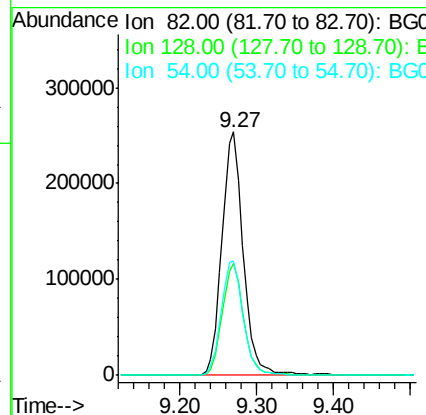
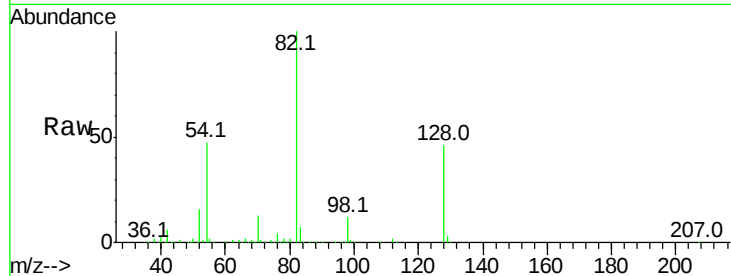




#23
Nitrobenzene-d5
Concen: 95.728 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

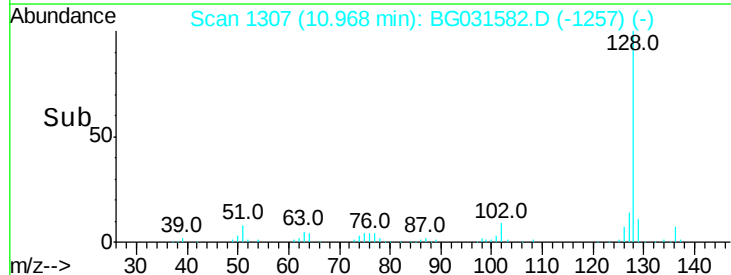
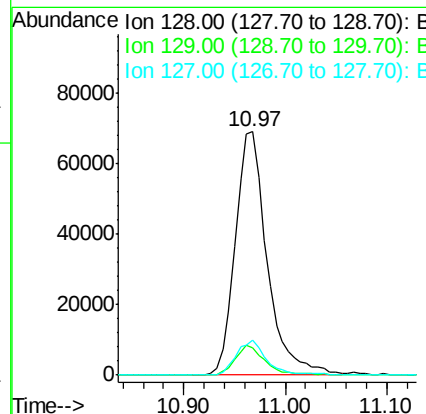
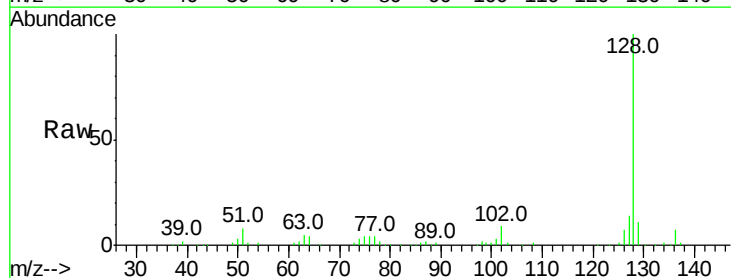
Instrument :
BNA_G
ClientSampleId :

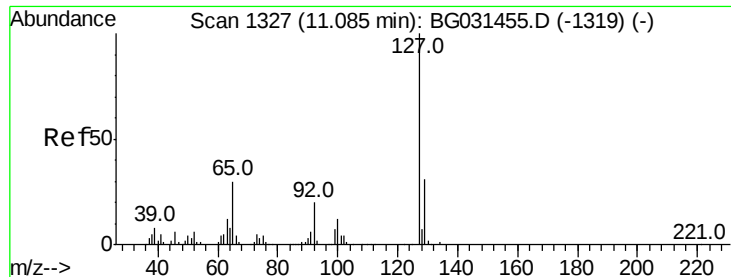
Tot Ion: 82 Resp: 485867
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 47.2 43.1 64.7



#31
Naphthalene
Concen: 9.808 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Tgt Ion: 128 Resp: 150742
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.2 11.6 17.4

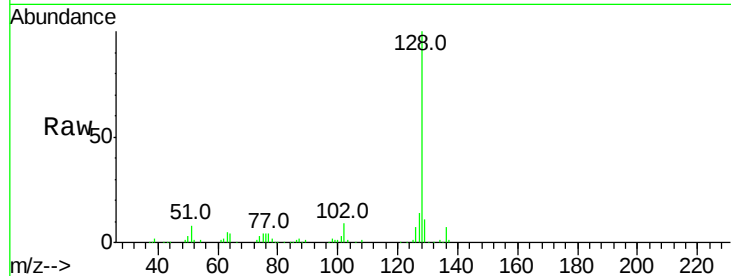




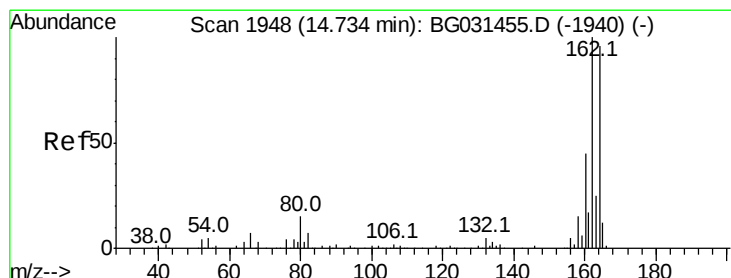
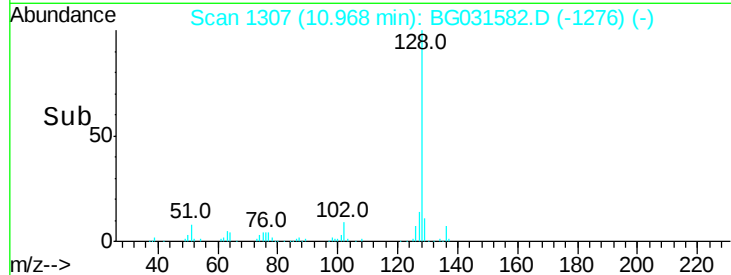
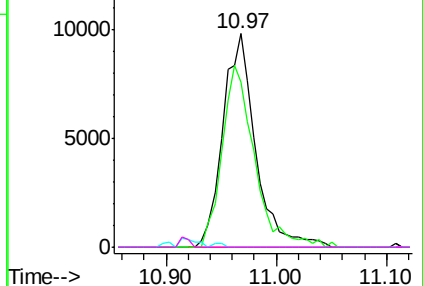
#33
4-Chloroaniline
Concen: 3.037 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.12 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	20264
Ion	Ratio	Lower	Upper
127	100		
129	77.6	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

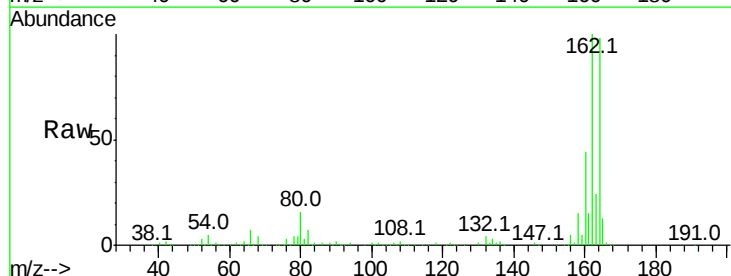


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

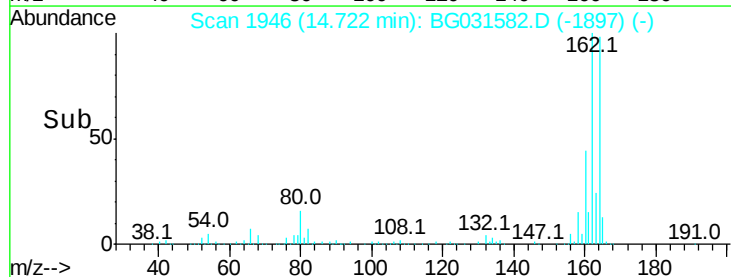
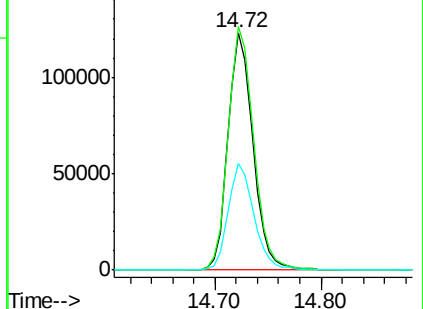


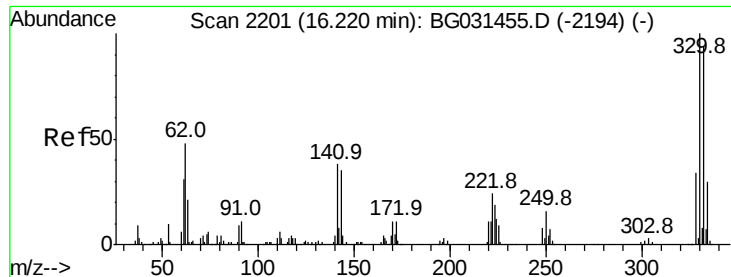
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Tgt Ion:	164	Resp:	201221
Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	45.1	35.4	53.0



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

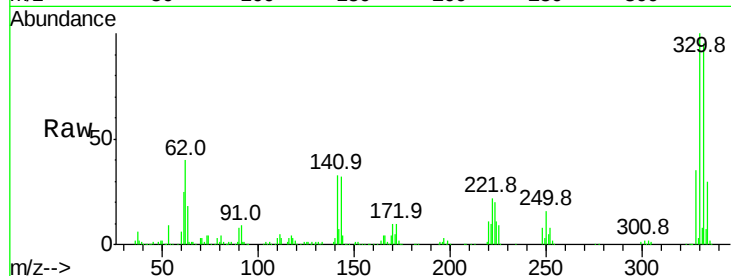




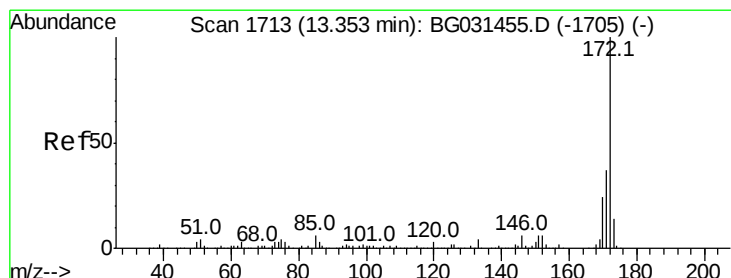
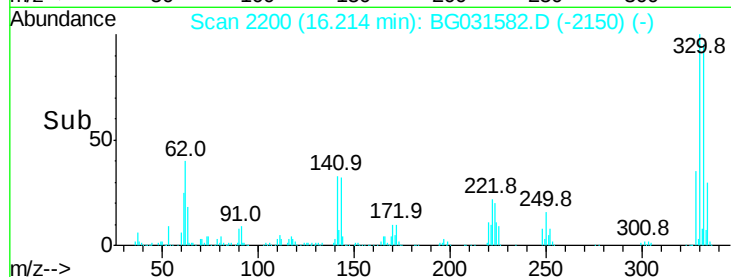
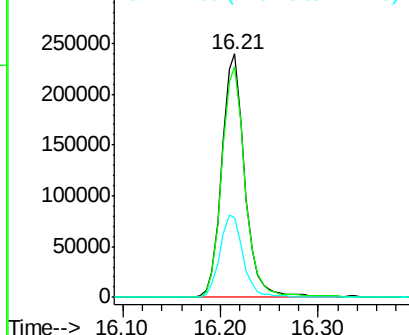
#41
 2,4,6-Tribromophenol
 Concen: 165.942 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031582.D
 Acq: 15 Dec 2017 6:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 391190
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 34.8 25.2 37.8

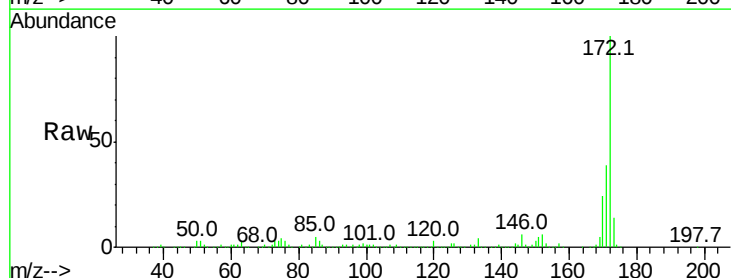


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

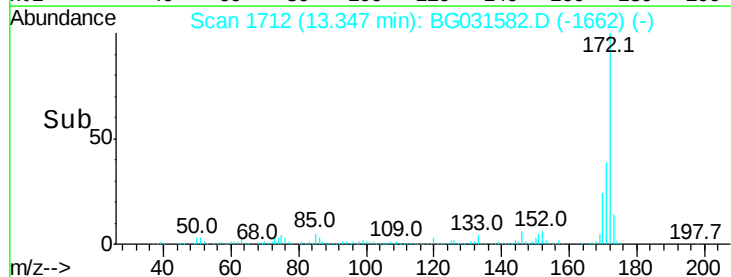
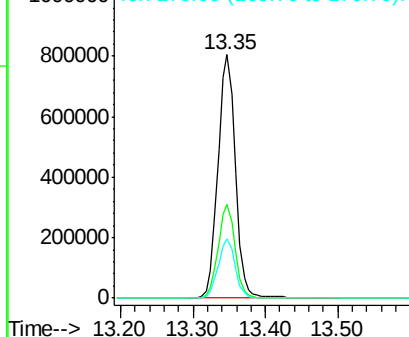


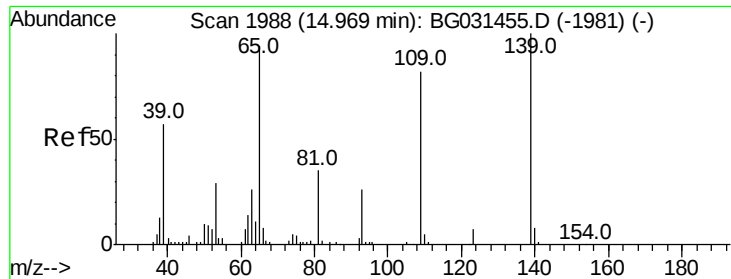
#44
 2-Fluorobiphenyl
 Concen: 98.120 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031582.D
 Acq: 15 Dec 2017 6:29

Tgt Ion:172 Resp: 1345060
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 24.5 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

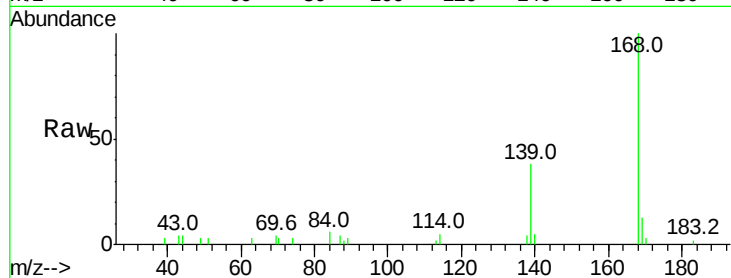




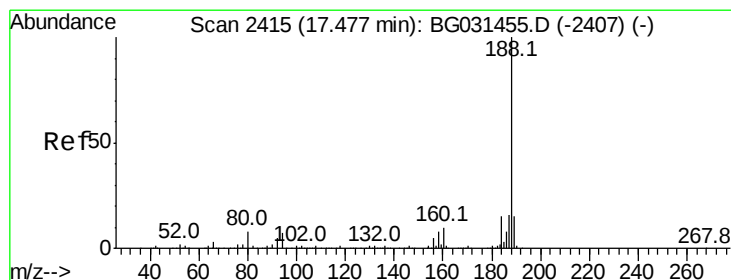
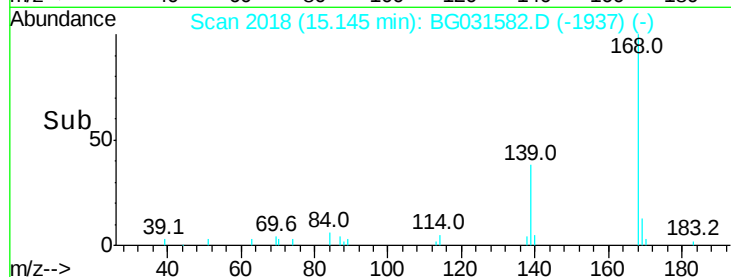
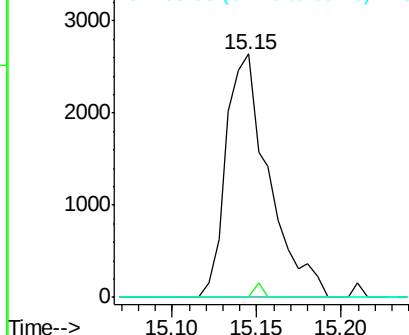
#55
4-Nitrophenol
Concen: 5.351 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 4641
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

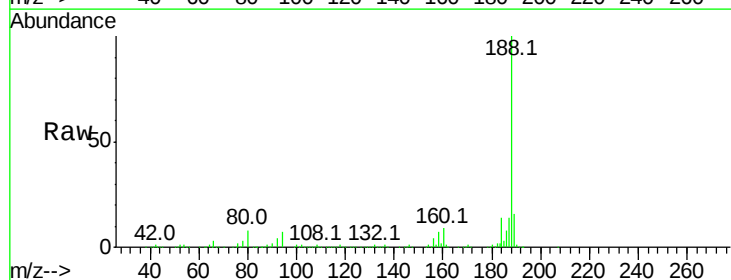


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

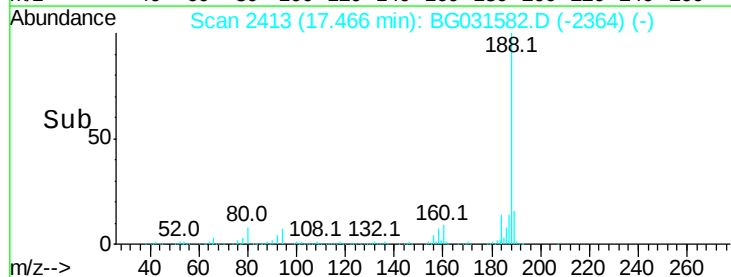
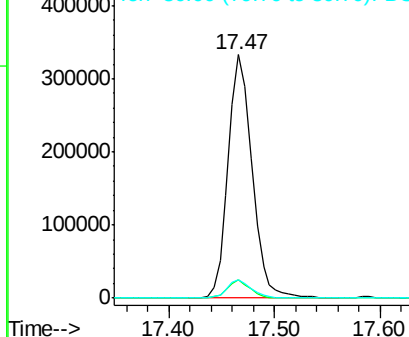


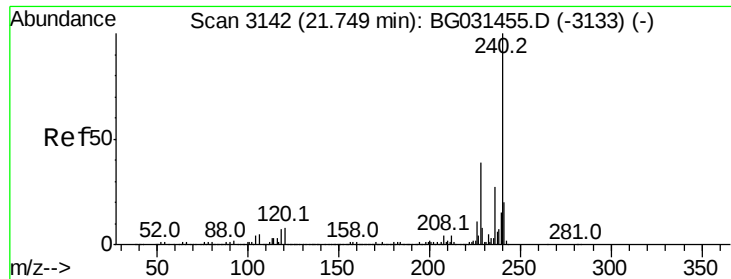
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031582.D
Acq: 15 Dec 2017 6:29

Tgt Ion:188 Resp: 524239
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.7 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: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031582.D

Acq: 15 Dec 2017 6:29

Instrument :

BNA_G

ClientSampleId :

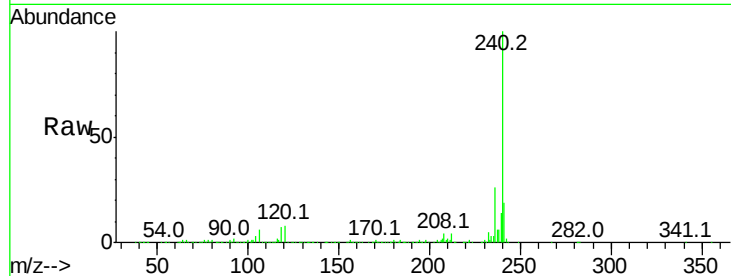
Tot Ion:240 Resp: 646915

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

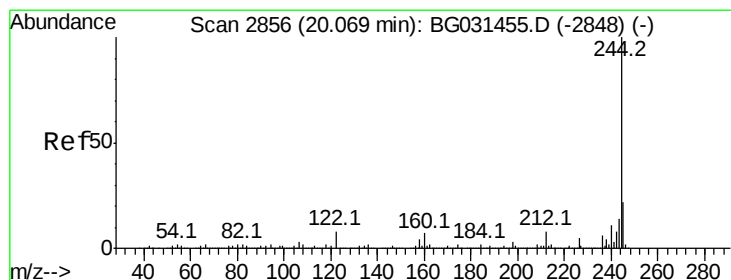
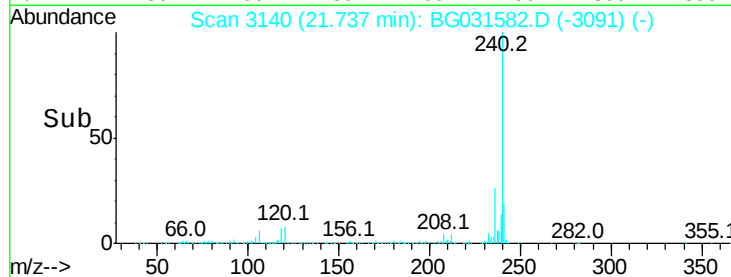
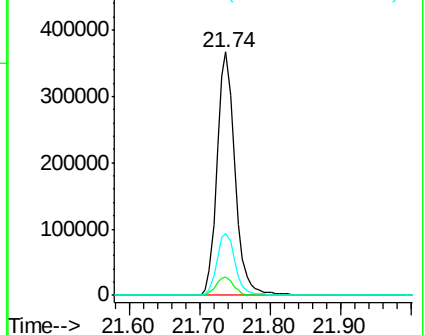
236 25.6 20.9 31.3



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: 87.901 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031582.D

Acq: 15 Dec 2017 6:29

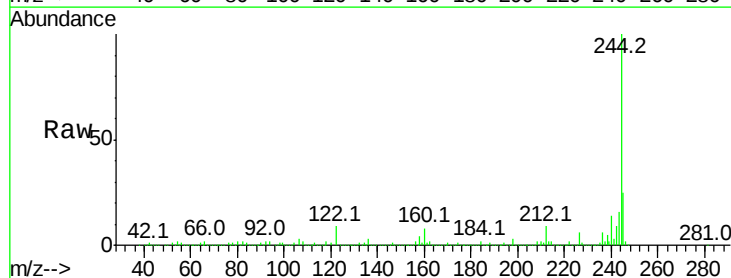
Tgt Ion:244 Resp: 2499361

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

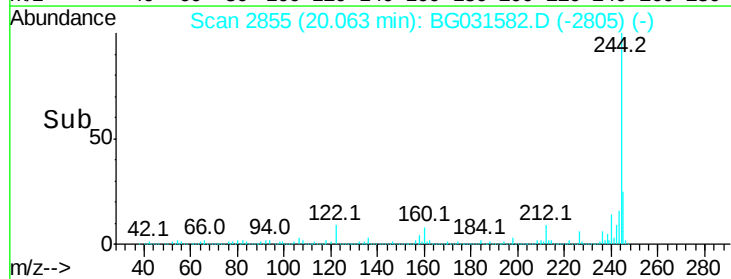
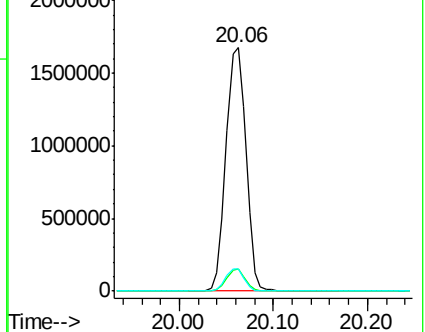
122 9.2 7.0 10.4

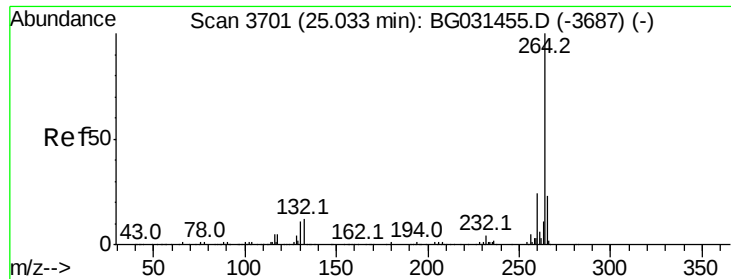


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

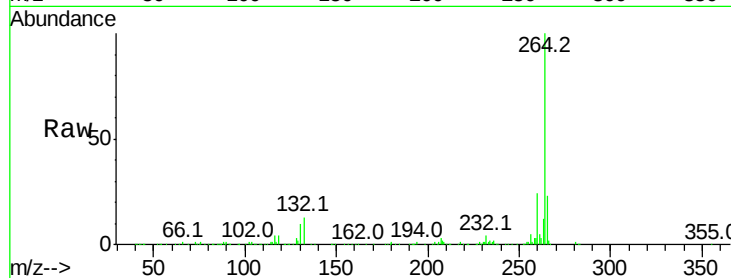




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031582.D
 Acq: 15 Dec 2017 6:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.6	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

