

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030707.D
 Acq On : 3 Nov 2017 19:38
 Operator : SJ/JU
 Sample : I6093-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 00:13:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

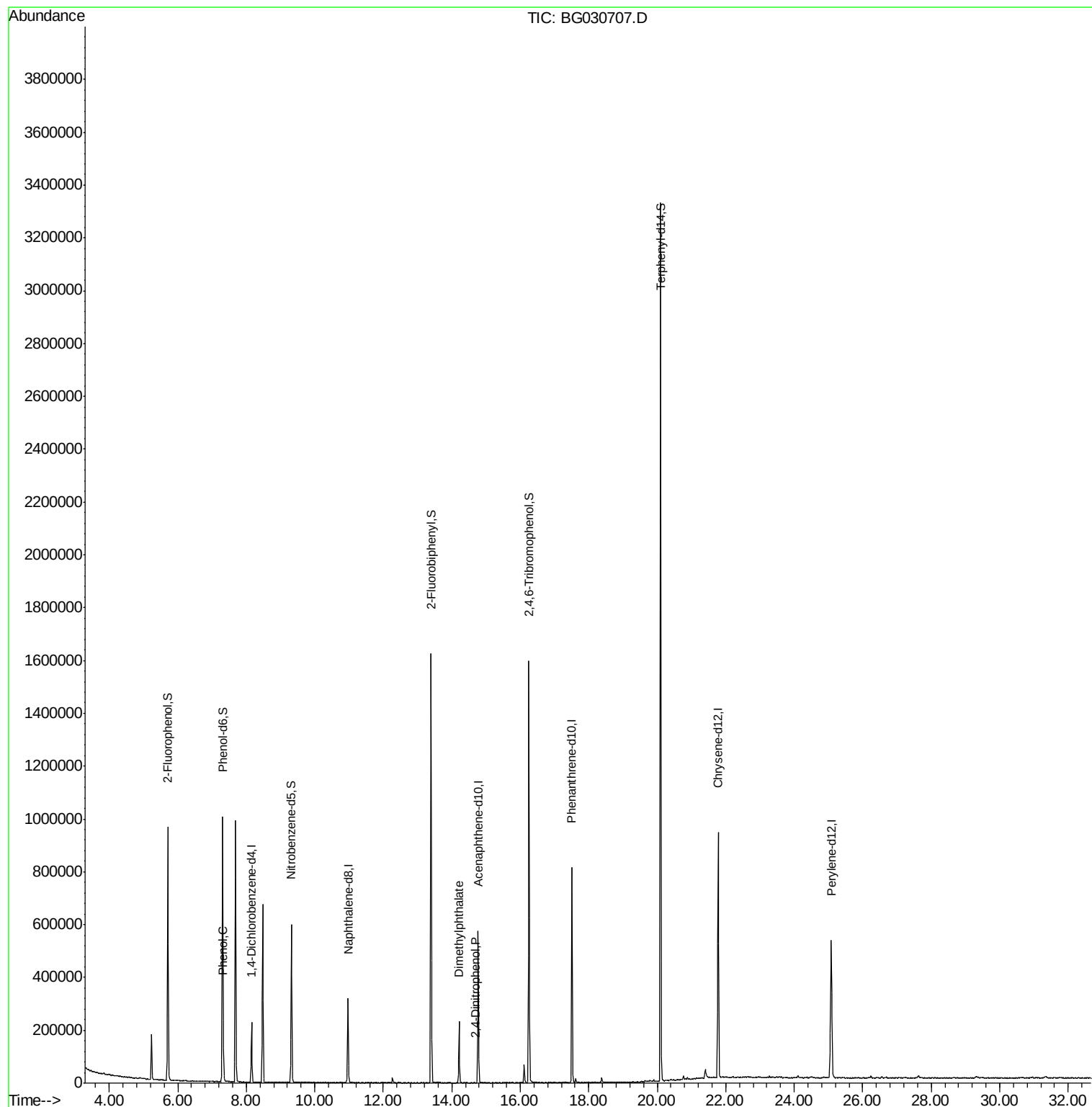
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64092	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	299091	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	207729	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	510209	20.00	ng	0.00
75) Chrysene-d12	21.78	240	561647	20.00	ng	0.00
86) Perylene-d12	25.08	264	559587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	452113	117.84	ng	0.00
7) Phenol-d6	7.31	99	625150	116.09	ng	0.00
23) Nitrobenzene-d5	9.32	82	370222	78.66	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	328145	122.35	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	883679	62.39	ng	0.00
78) Terphenyl-d14	20.10	244	1513415	61.30	ng	0.00
Target Compounds						
10) Phenol	7.34	94	36289	6.250	ng	99
49) Dimethylphthalate	14.21	163	171411	10.576	ng	100
53) 2,4-Dinitrophenol	14.70	184	63	6.662	ng	# 1

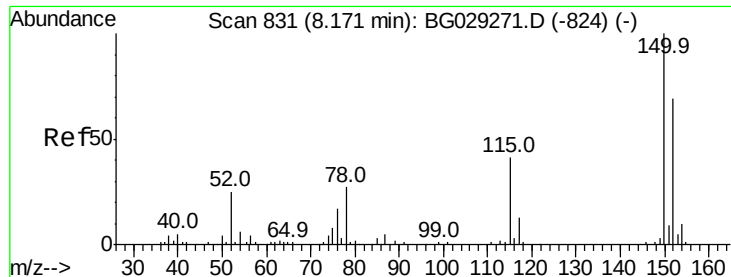
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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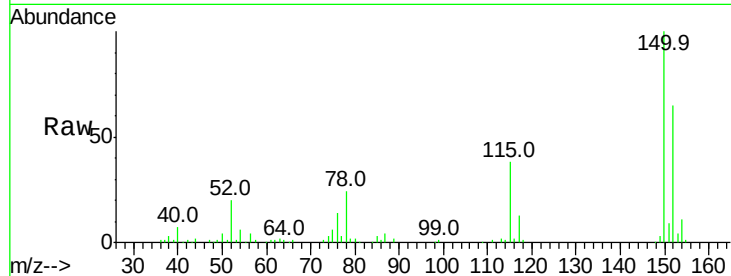


#1

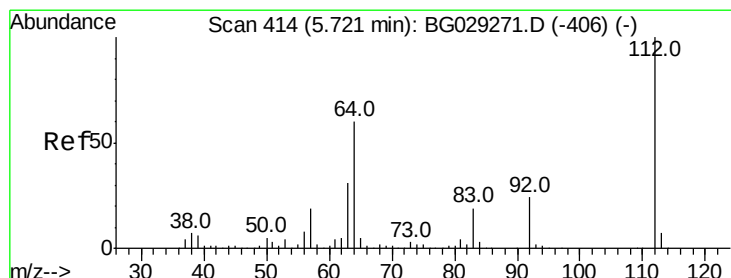
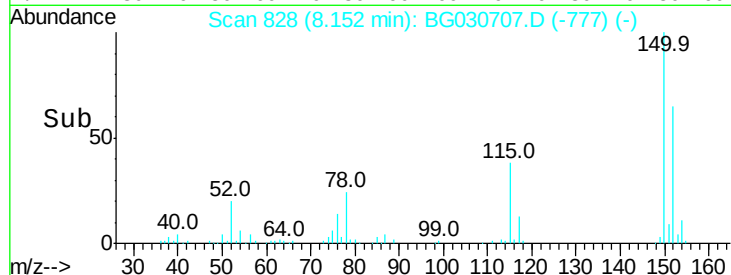
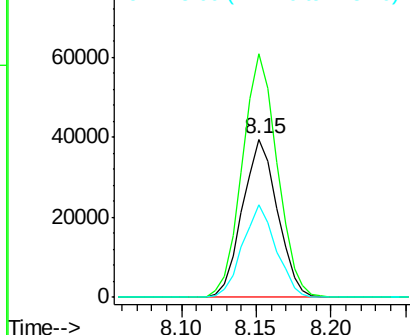
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64092
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 58.5 53.0 79.4



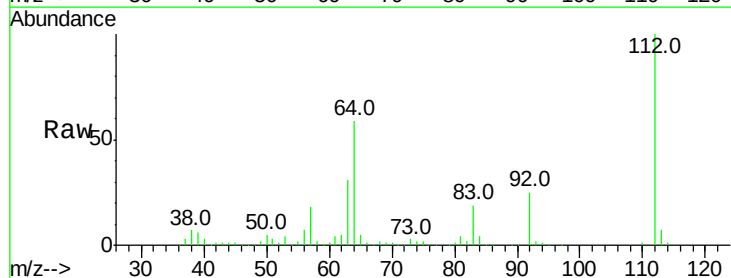
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



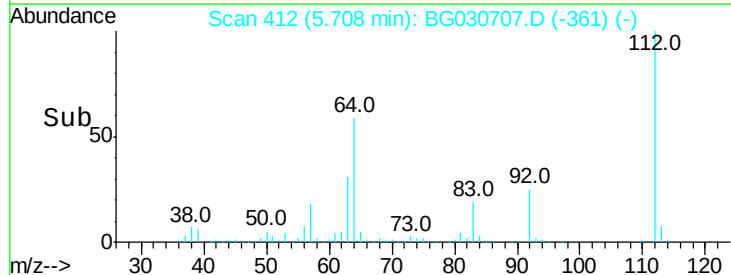
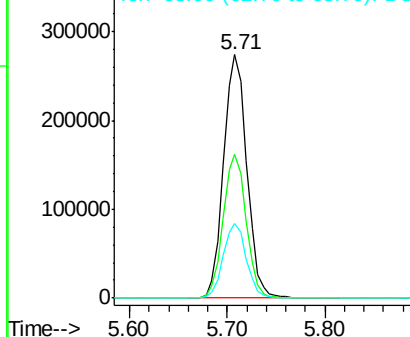
#5

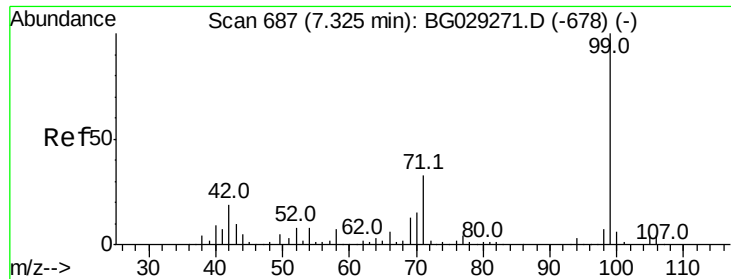
2-Fluorophenol
Concen: 117.843 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

Tgt Ion:112 Resp: 452113
Ion Ratio Lower Upper
112 100
64 58.9 56.3 84.5
63 30.6 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: 116.086 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

Instrument :

BNA_G

ClientSampled :

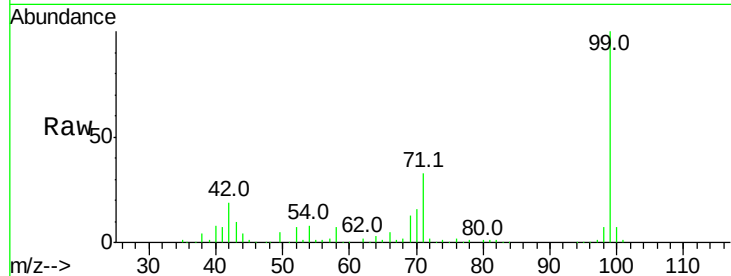
Tot Ion: 99 Resp: 625150

Ion Ratio Lower Upper

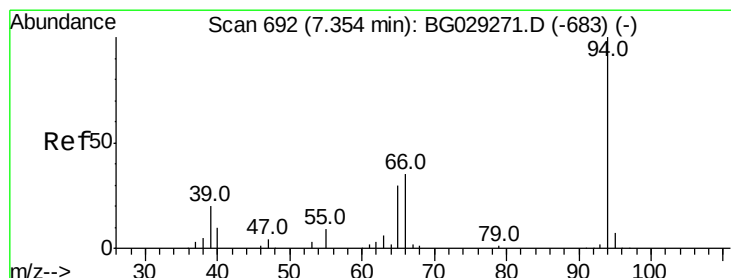
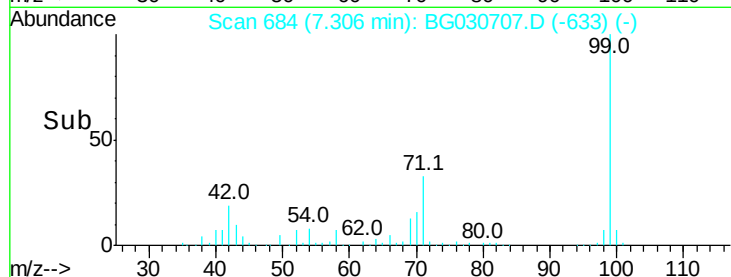
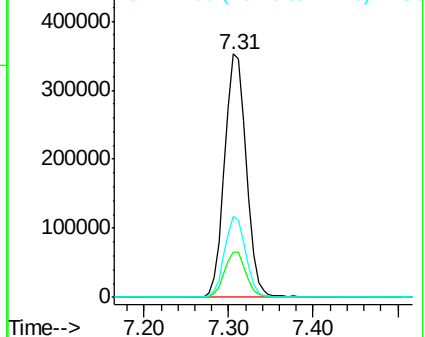
99 100

42 18.7 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: 6.250 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

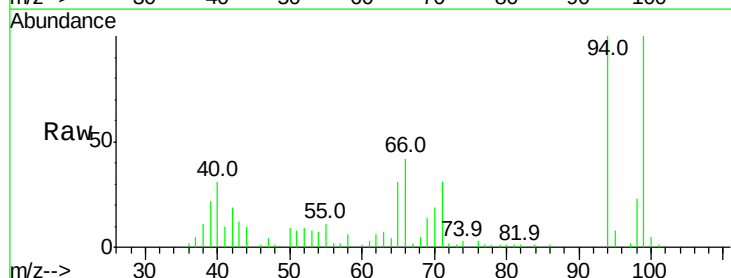
Tgt Ion: 94 Resp: 36289

Ion Ratio Lower Upper

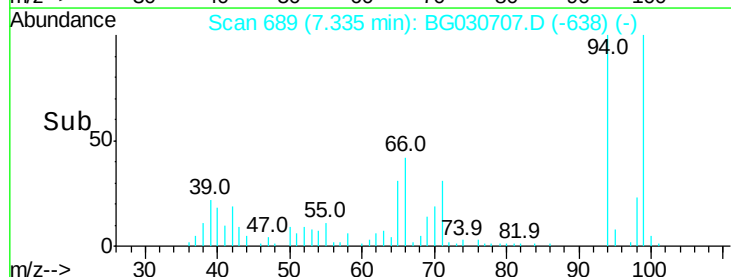
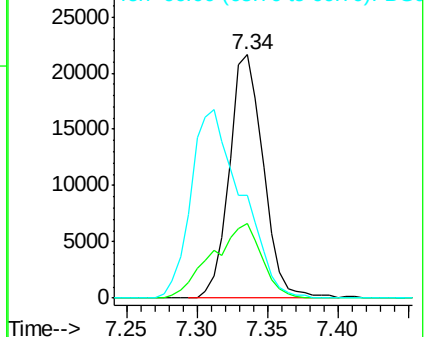
94 100

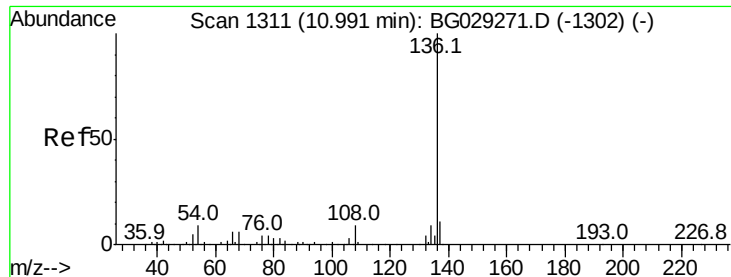
65 30.9 11.9 51.9

66 42.3 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

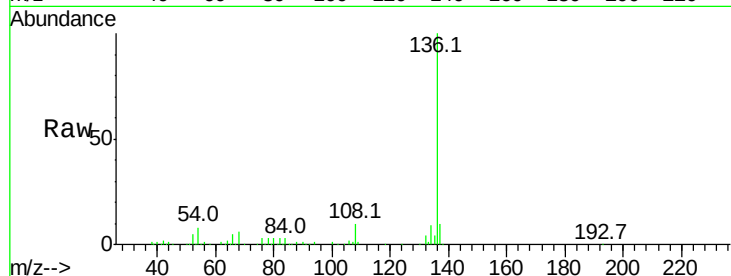




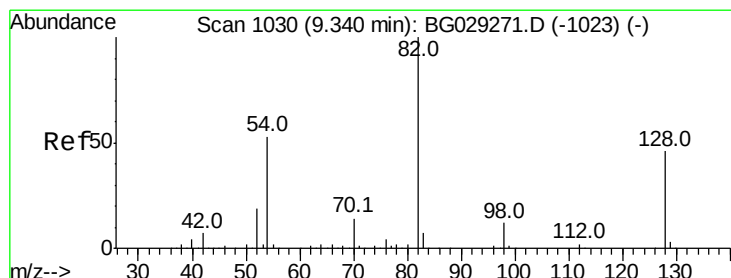
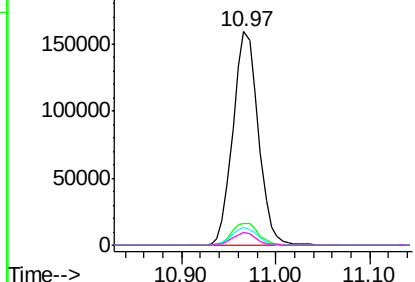
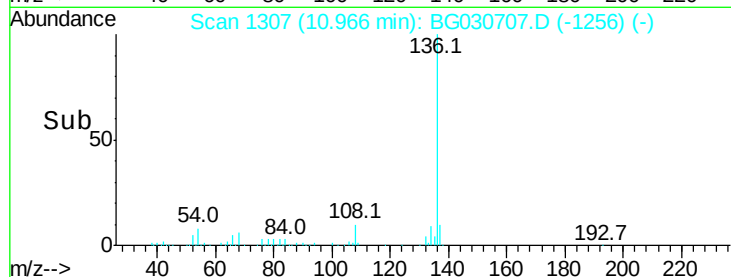
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	299091
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	8.7	10.3 15.5#
68	6.2	4.5 6.7

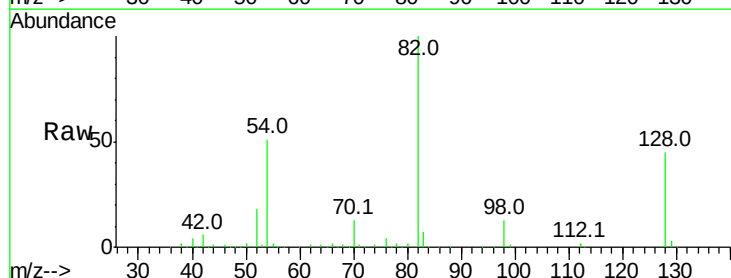


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

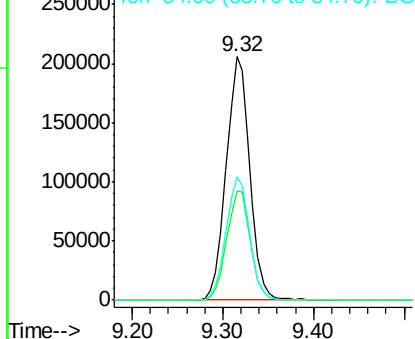
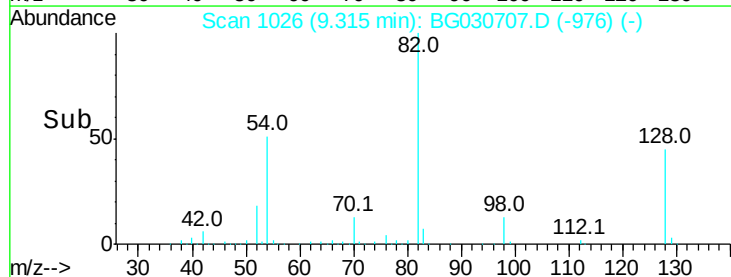


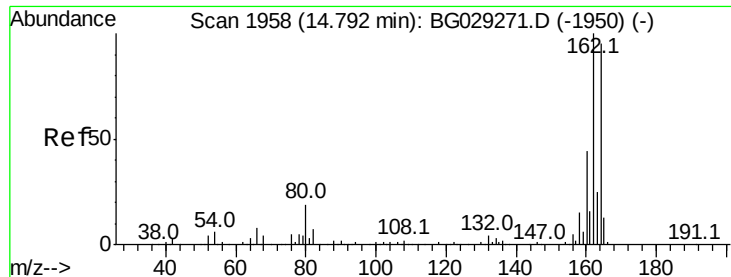
#23
Nitrobenzene-d5
Concen: 78.660 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

Tgt Ion: 82	Resp:	370222
Ion Ratio	Lower	Upper
82	100	
128	45.1	29.7 44.5#
54	50.7	43.1 64.7



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

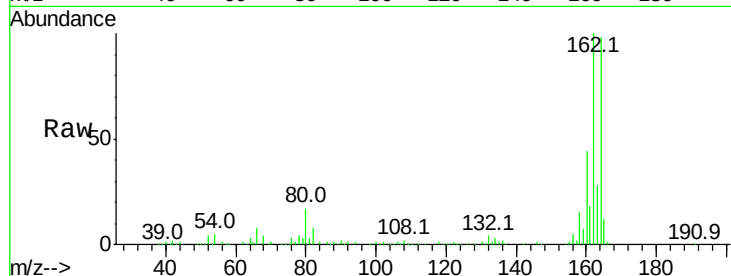




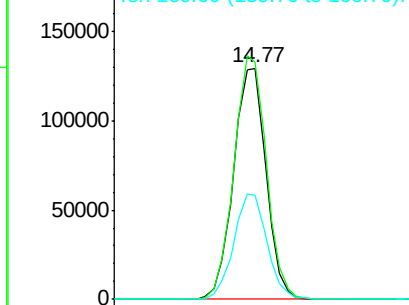
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG030707.D
 Acq: 3 Nov 2017 19:38

Instrument :
 BNA_G
 ClientSampleId :

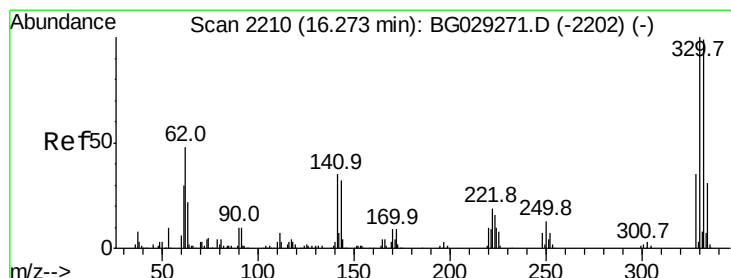
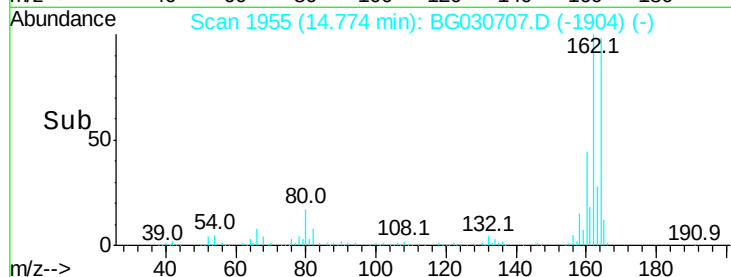
Tot Ion:164 Resp: 207729
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 45.1 35.4 53.0



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

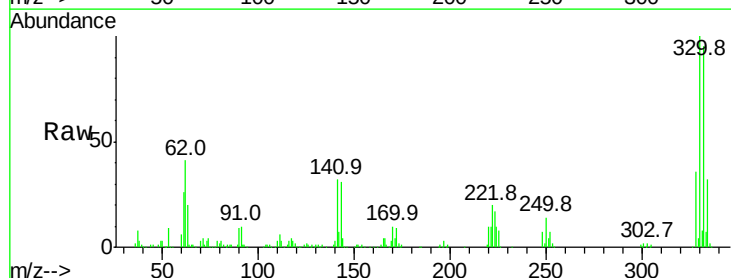


Time-->

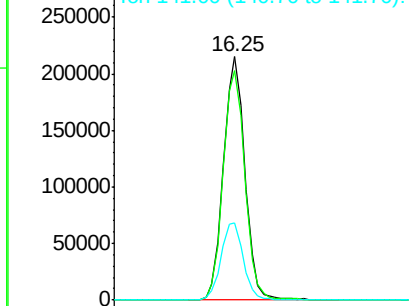


#41
 2,4,6-Tribromophenol
 Concen: 122.351 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030707.D
 Acq: 3 Nov 2017 19:38

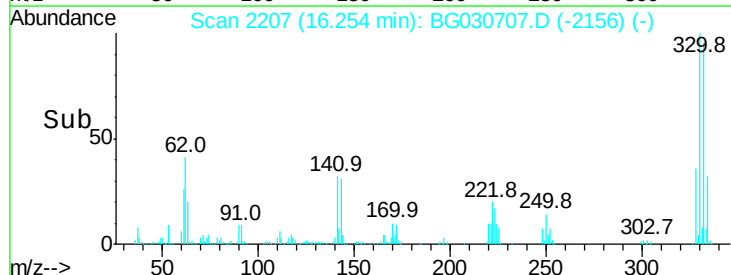
Tgt Ion:330 Resp: 328145
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.1 25.2 37.8

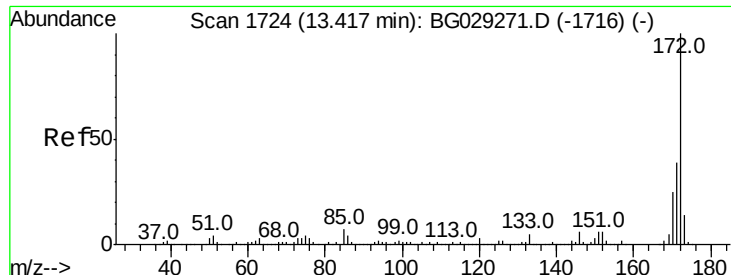


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

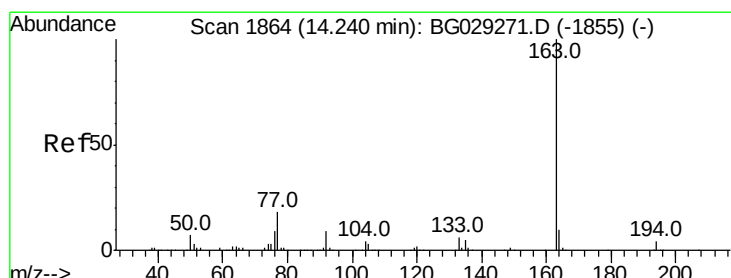
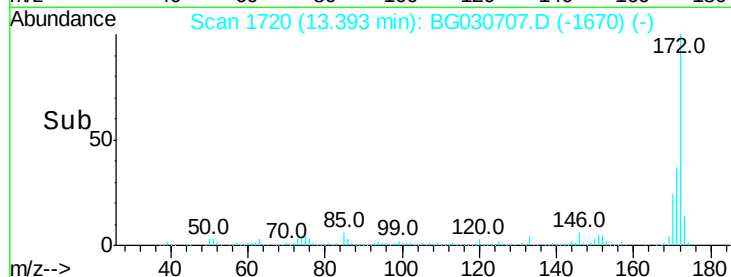
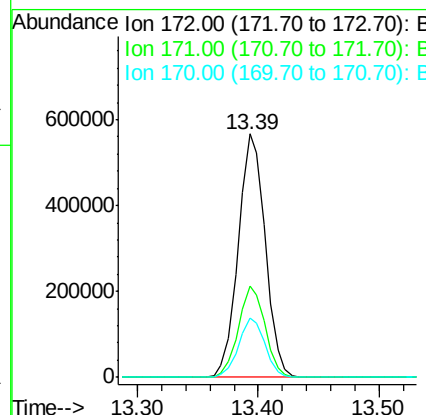
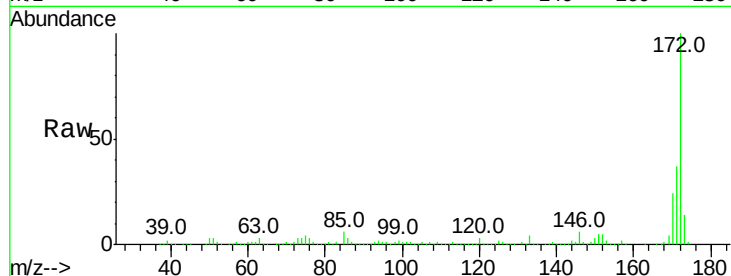




#44
2-Fluorobiphenyl
Concen: 62.391 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

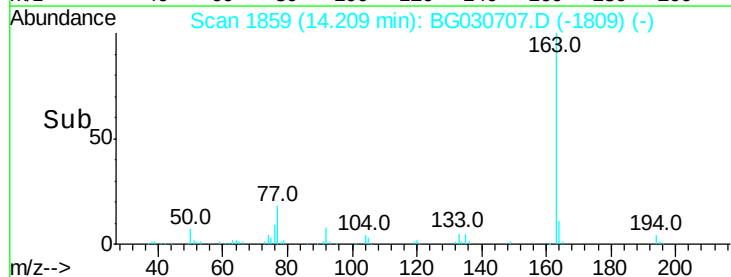
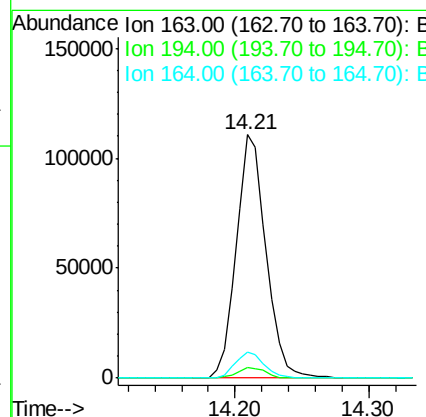
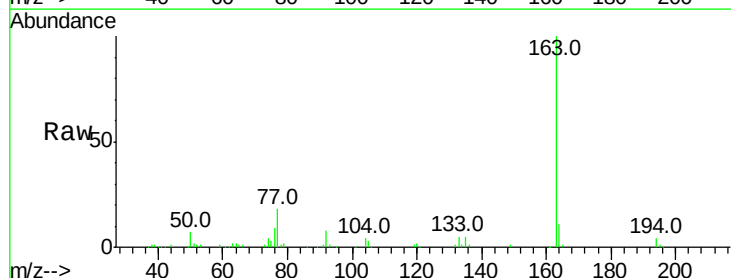
Instrument :
BNA_G
ClientSampleId :

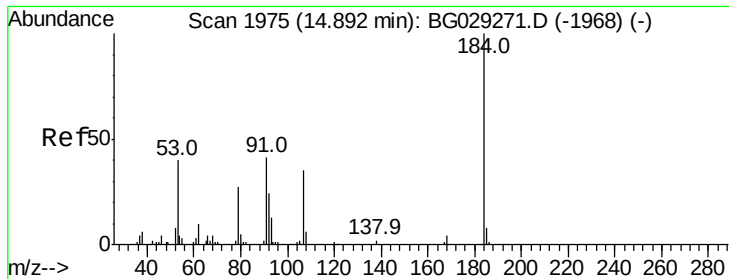
Tot Ion:172 Resp: 883679
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 24.5 19.5 29.3



#49
Dimethylphthalate
Concen: 10.576 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

Tgt Ion:163 Resp: 171411
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.2 12.4

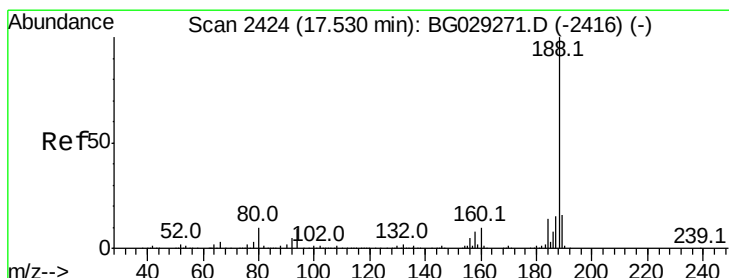
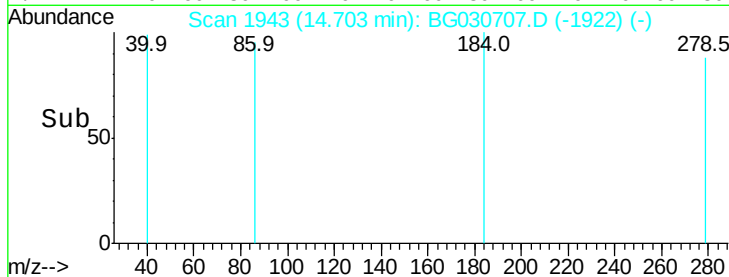
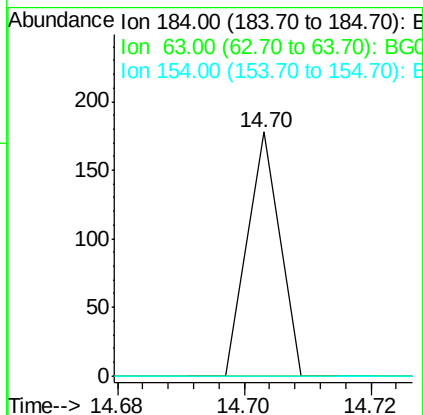
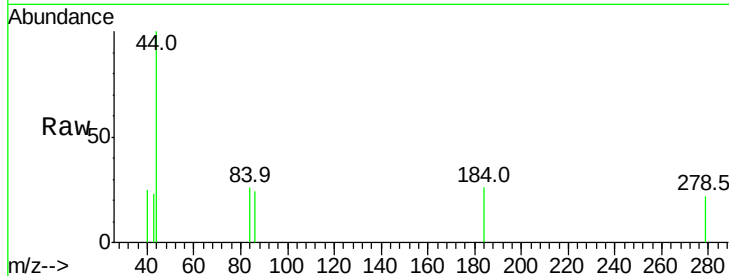




#53
 2,4-Dinitrophenol
 Concen: 6.662 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.18 min
 Lab File: BG030707.D
 Acq: 3 Nov 2017 19:38

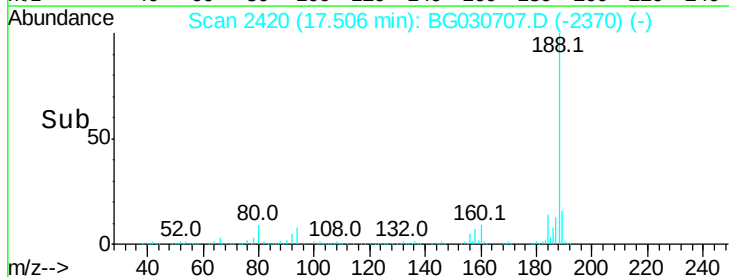
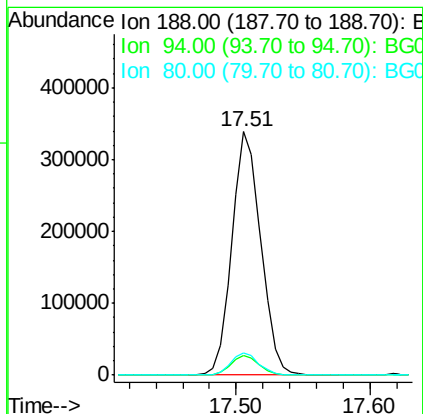
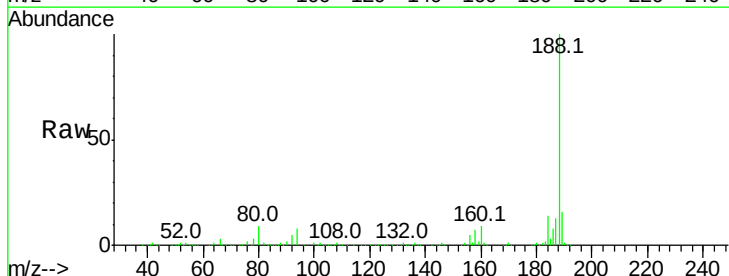
Instrument :
 BNA_G
 ClientSampleId :

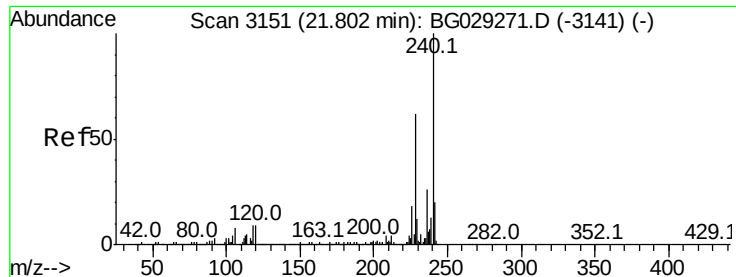
Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030707.D
 Acq: 3 Nov 2017 19:38

Tgt Ion:188 Resp: 510209
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 9.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

Instrument :

BNA_G

ClientSampleId :

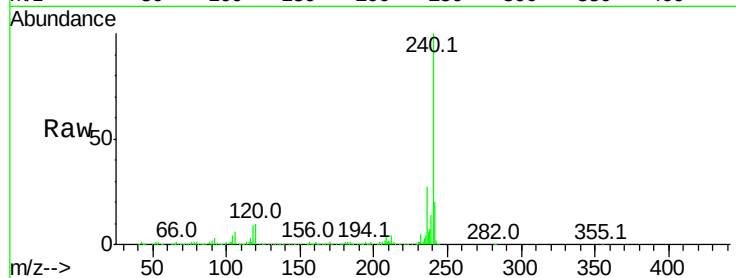
Tot Ion:240 Resp: 561647

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

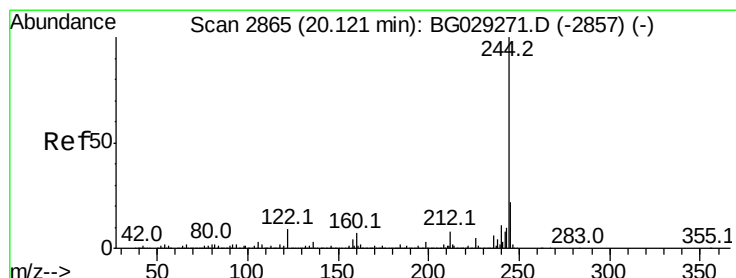
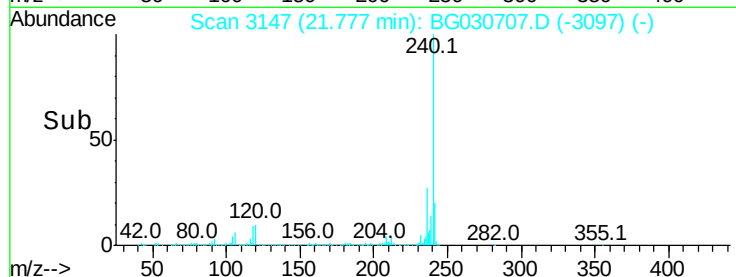
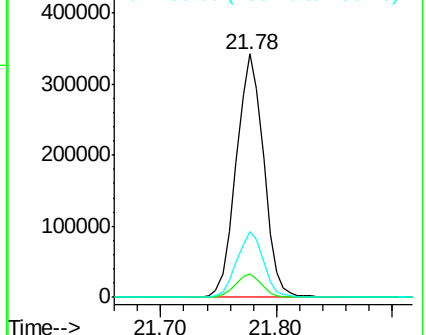
236 26.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 61.300 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030707.D

Acq: 3 Nov 2017 19:38

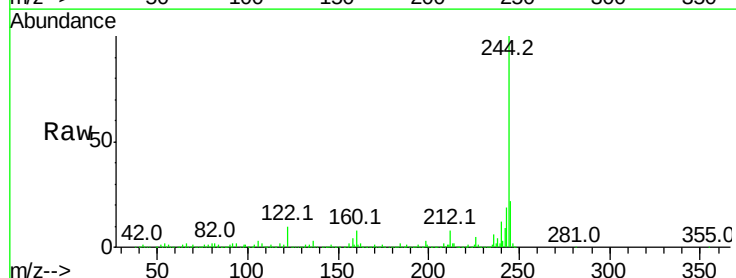
Tgt Ion:244 Resp: 1513415

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

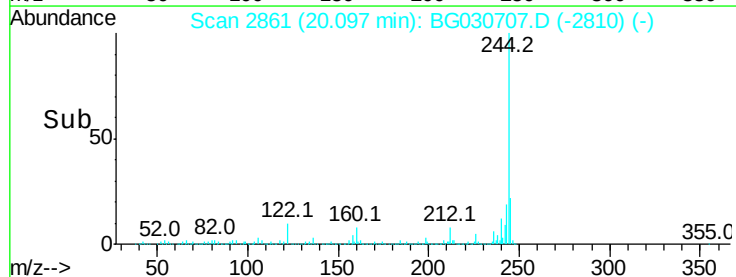
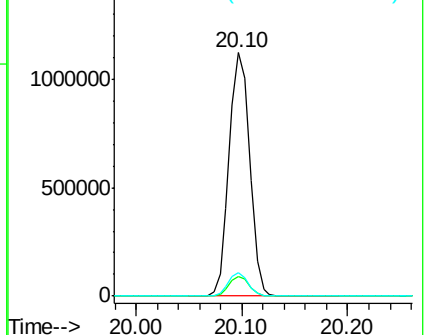
122 9.7 7.0 10.4

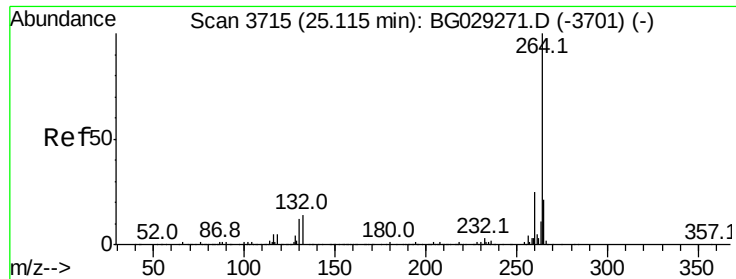


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

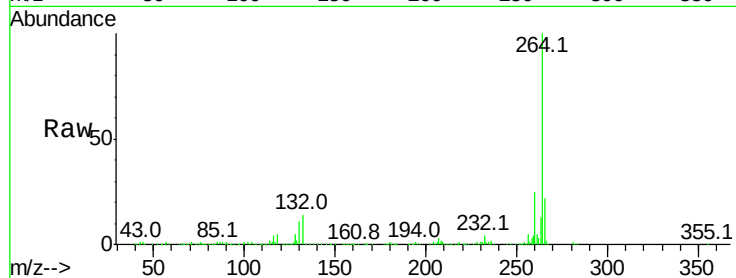




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030707.D
Acq: 3 Nov 2017 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.0	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

