

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026386.D
 Acq On : 22 Mar 2017 21:57
 Operator : SJ/MA
 Sample : I2349-05
 Misc : L00 20 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 01:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

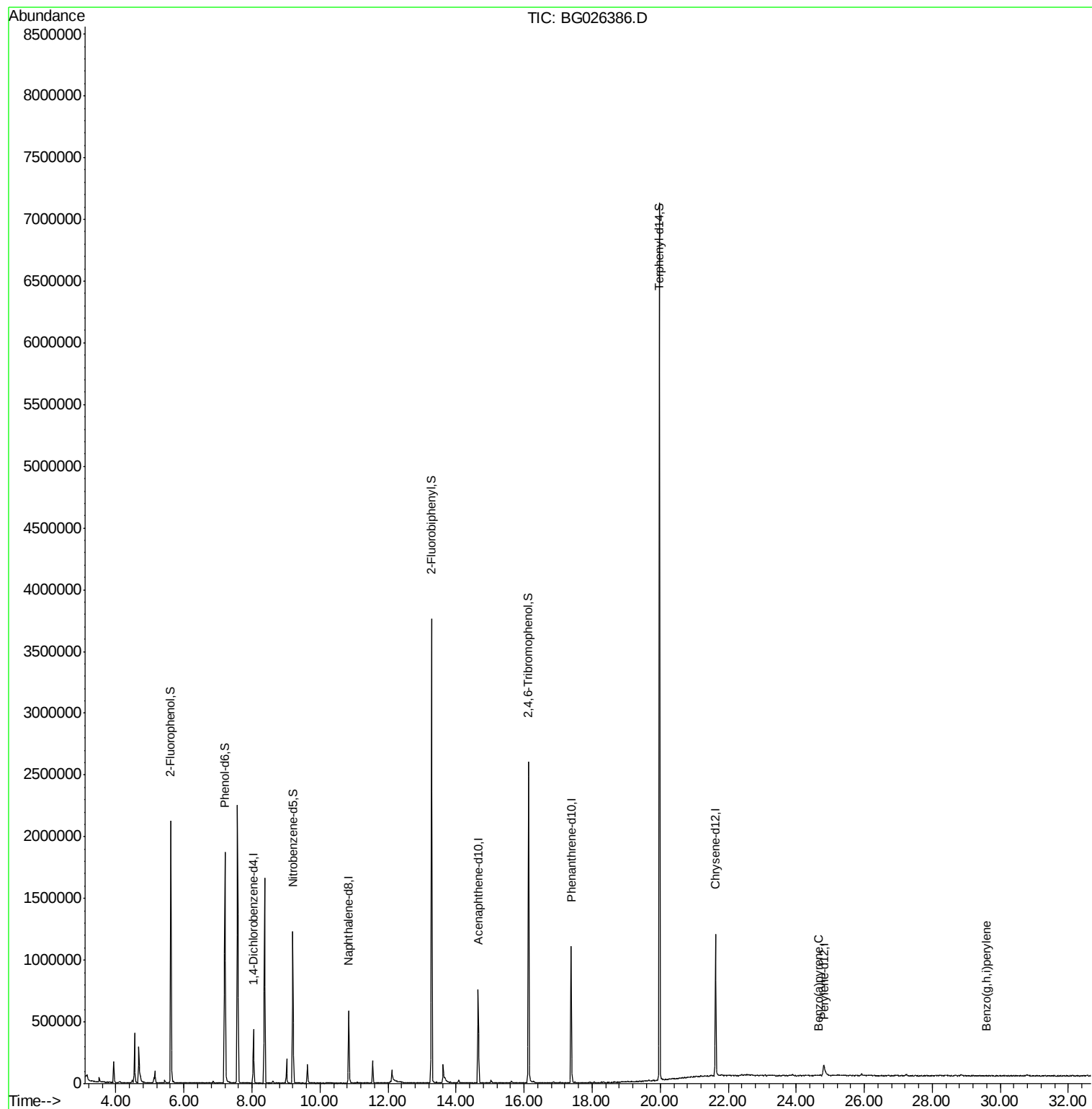
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	142519	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	571274	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	256399	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	721971	20.00	ng	0.00
75) Chrysene-d12	21.62	240	610009	20.00	ng	-0.01
86) Perylene-d12	24.81	264	38887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1095166	136.39	ng	0.00
7) Phenol-d6	7.21	99	1220560	113.22	ng	0.00
23) Nitrobenzene-d5	9.20	82	798180	84.01	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	574429	195.64	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2080949	113.82	ng	0.00
78) Terphenyl-d14	19.98	244	3008653	119.78	ng	0.00
Target Compounds						
89) Benzo(a)pyrene	24.64	252	5082	2.31	ng	# 94
91) Benzo(g,h,i)perylene	29.59	276	8542	3.82	ng	# 94

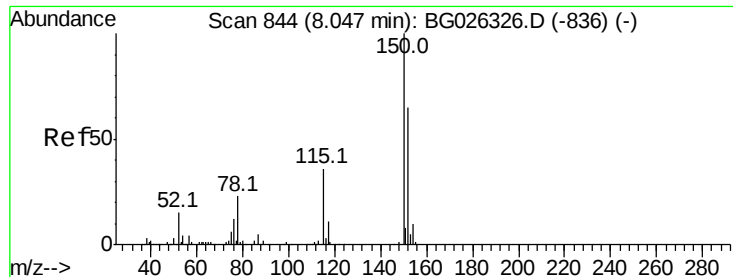
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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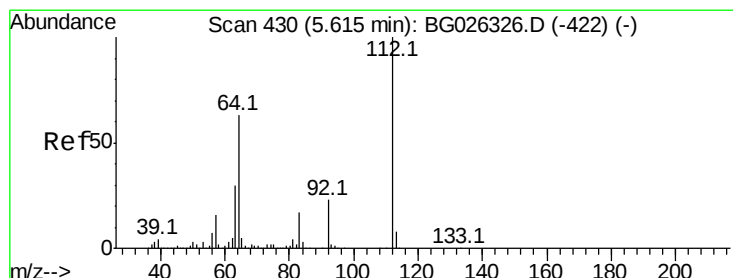
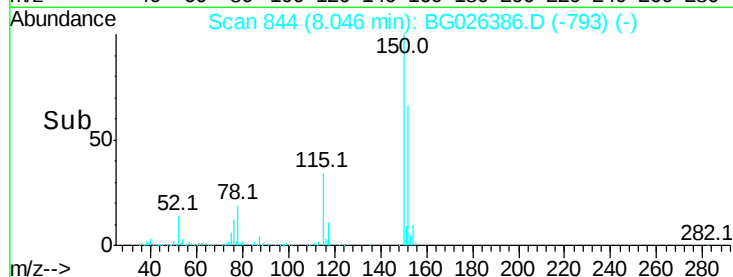
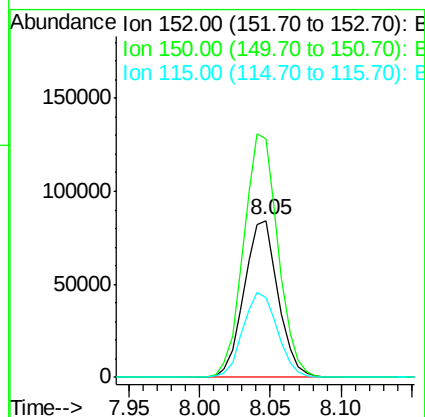
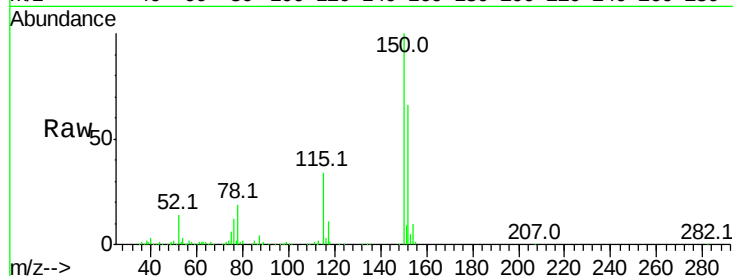


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

Instrument :
BNA_G
ClientSampleId :

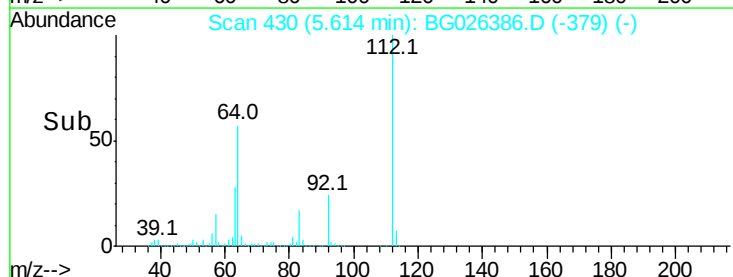
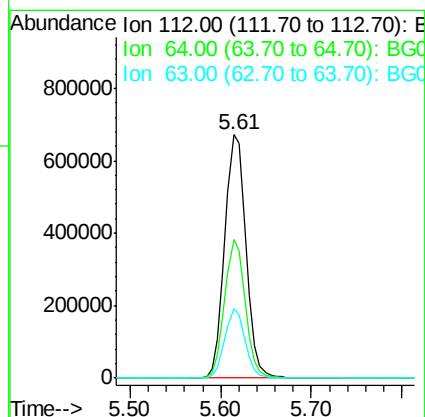
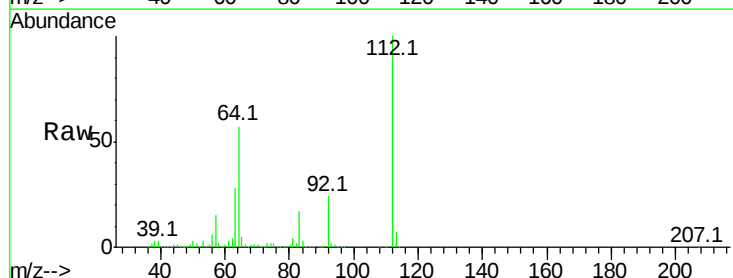
Tot Ion:152 Resp: 142519
Ion Ratio Lower Upper
152 100
150 152.2 114.0 171.0
115 51.0 48.1 72.1



#5

2-Fluorophenol
Concen: 136.39 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

Tgt Ion:112 Resp: 1095166
Ion Ratio Lower Upper
112 100
64 56.7 61.8 92.6#
63 28.4 37.2 55.8#





#7

Phenol-d6

Concen: 113.22 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026386.D

Acq: 22 Mar 2017 21:57

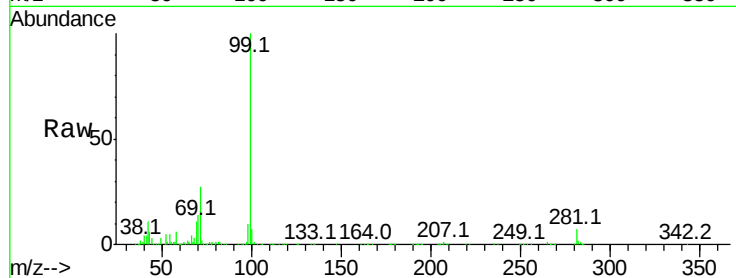
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1220560

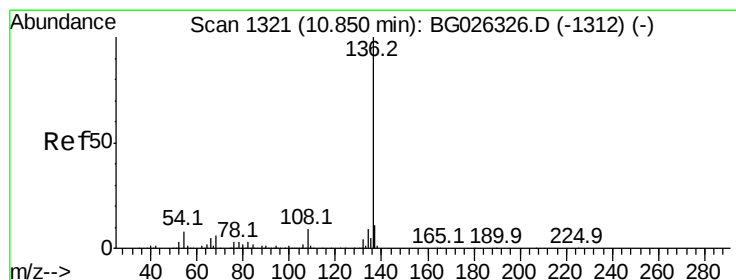
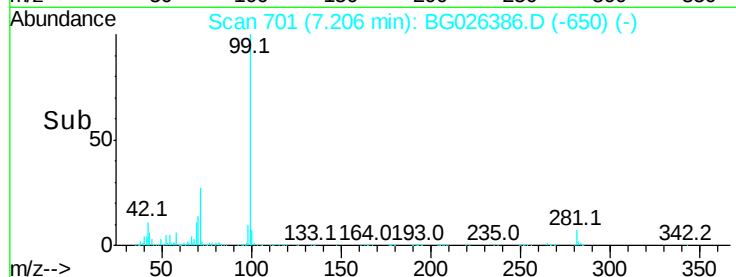
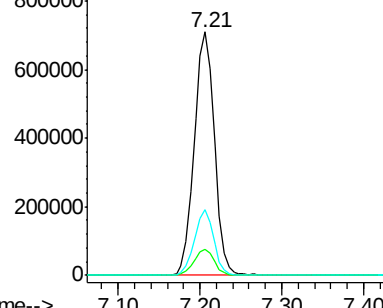
Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	27.0	37.6	56.4#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

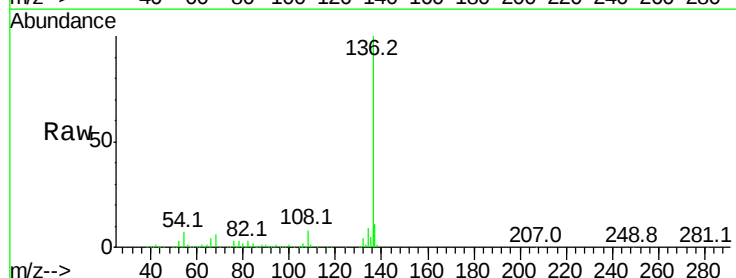
Delta R.T. -0.01 min

Lab File: BG026386.D

Acq: 22 Mar 2017 21:57

Tgt Ion: 136 Resp: 571274

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.6	9.3	13.9#
68	5.9	5.1	7.7

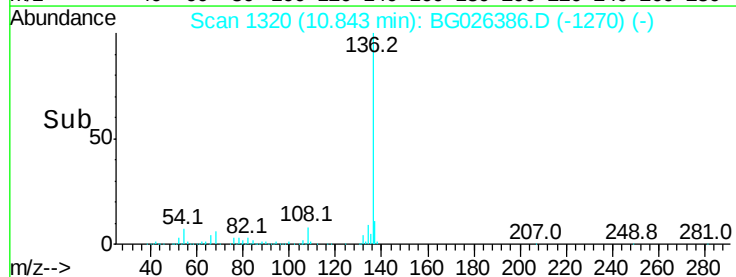
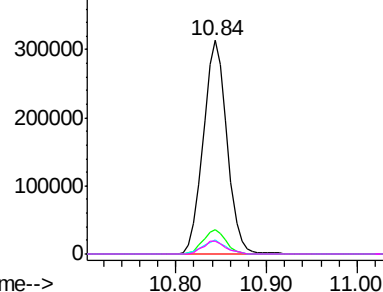


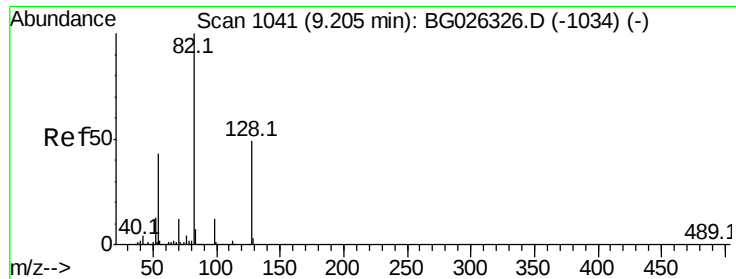
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

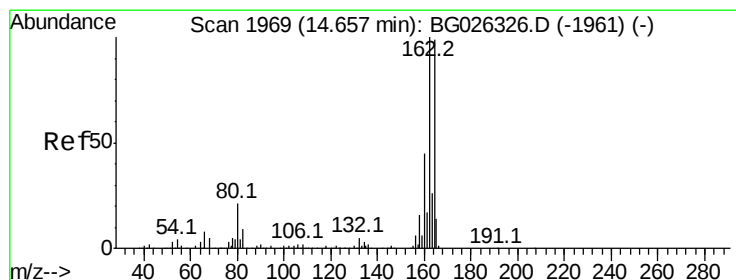
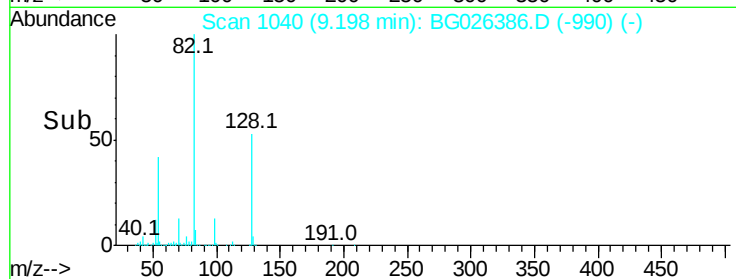
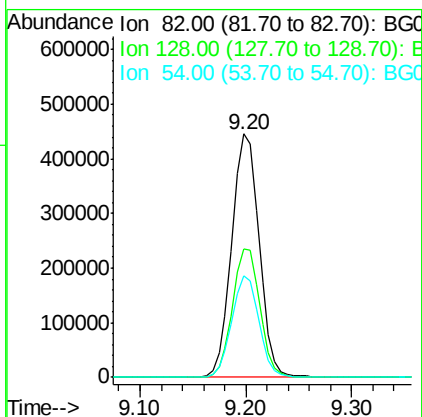
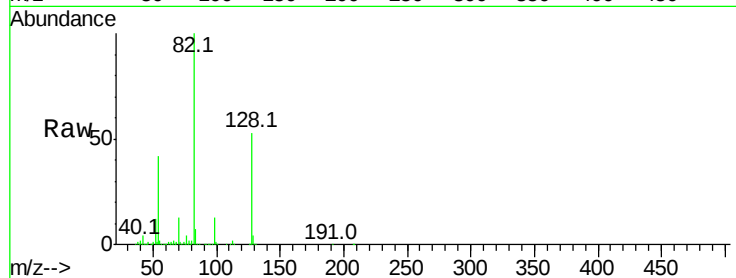




#23
Nitrobenzene-d5
Concen: 84.01 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

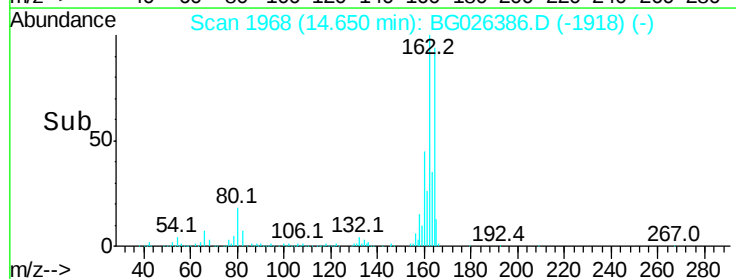
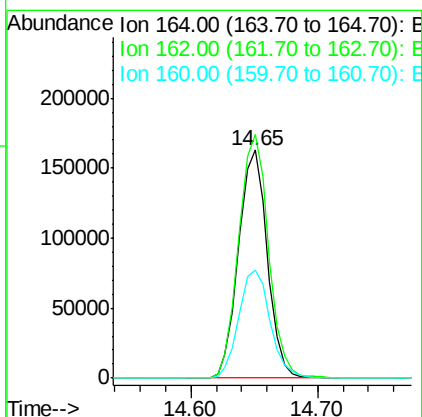
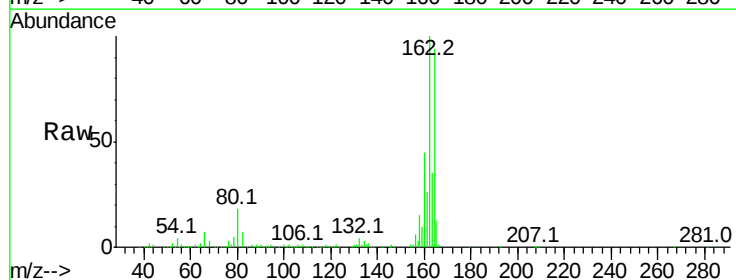
Instrument :
BNA_G
ClientSampled :

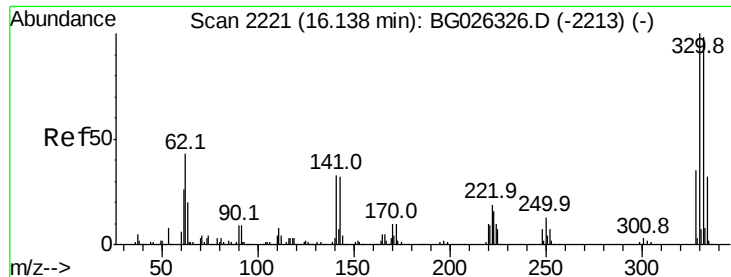
Tot Ion	82	Resp	798180
Ion	Ratio	Lower	Upper
82	100		
128	52.7	26.4	39.6#
54	41.6	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

Tgt Ion	164	Resp	256399
Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	47.6	34.7	52.1

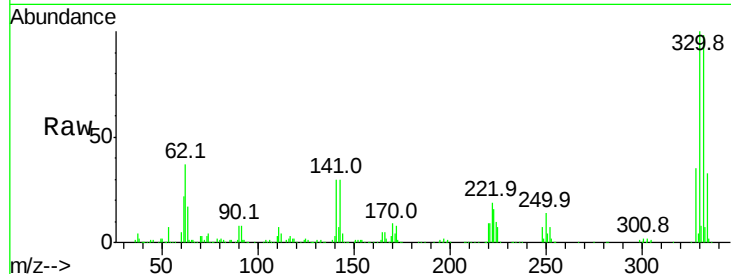




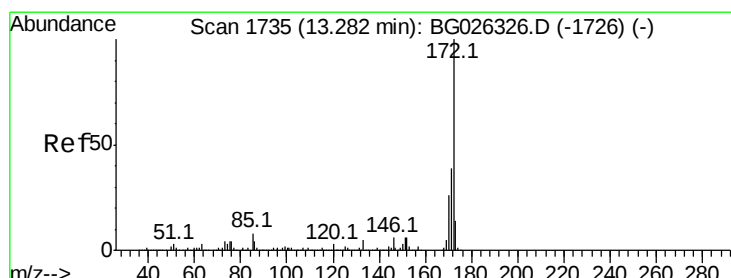
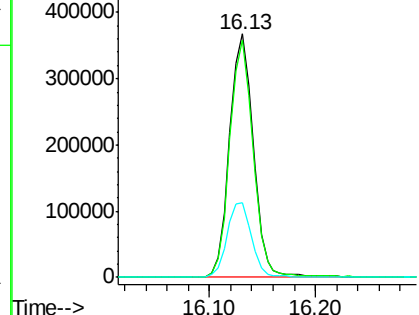
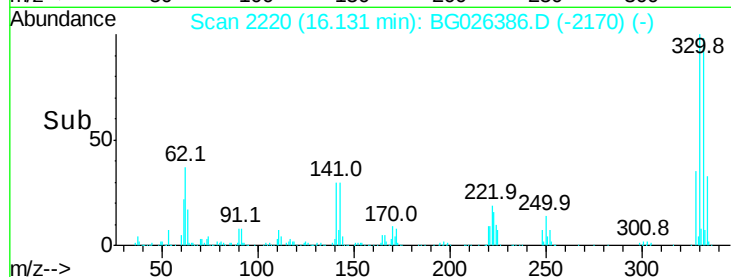
#41
 2,4,6-Tribromophenol
 Concen: 195.64 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026386.D
 Acq: 22 Mar 2017 21:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	31.7	32.1	48.1#

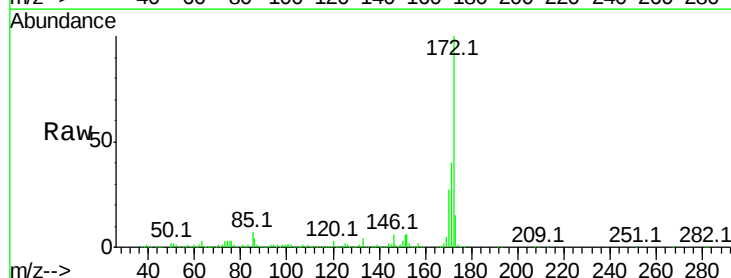


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

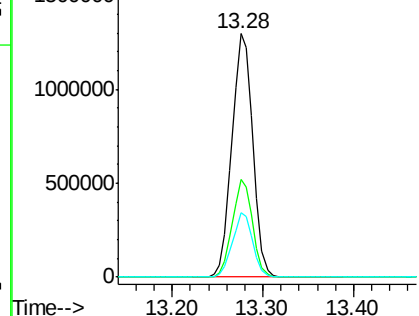
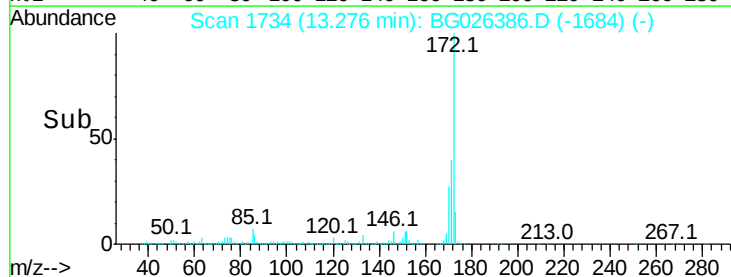


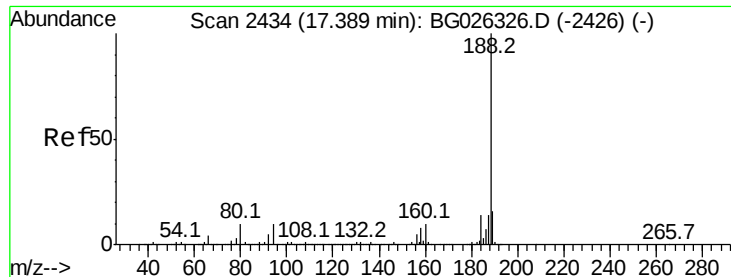
#44
 2-Fluorobiphenyl
 Concen: 113.82 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026386.D
 Acq: 22 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.2	48.2
170	26.6	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

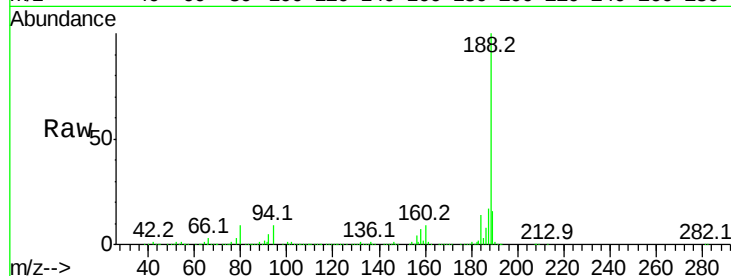




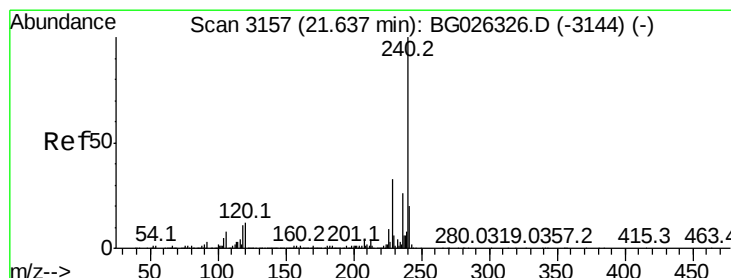
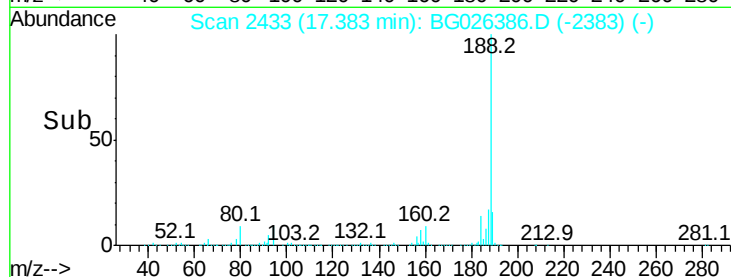
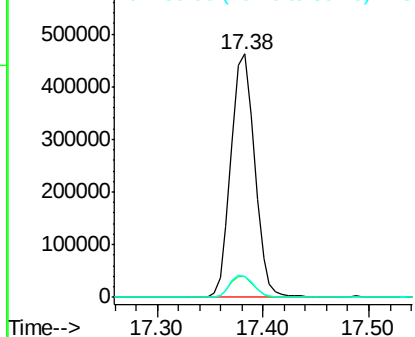
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 721971
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 8.5 7.5 11.3

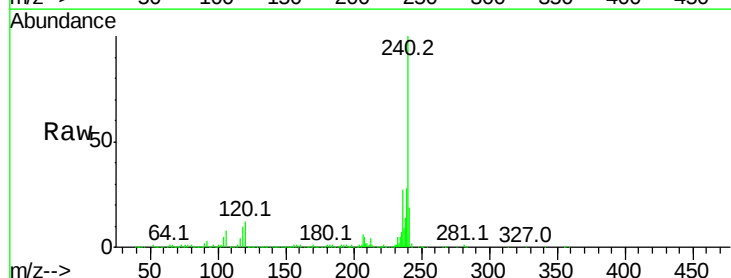


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

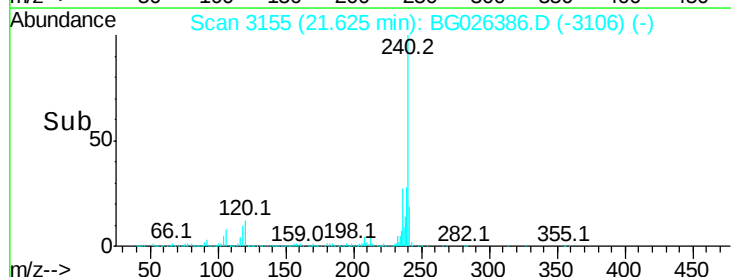
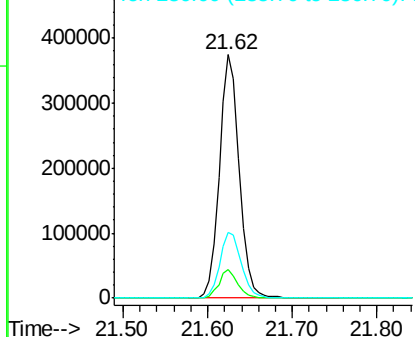


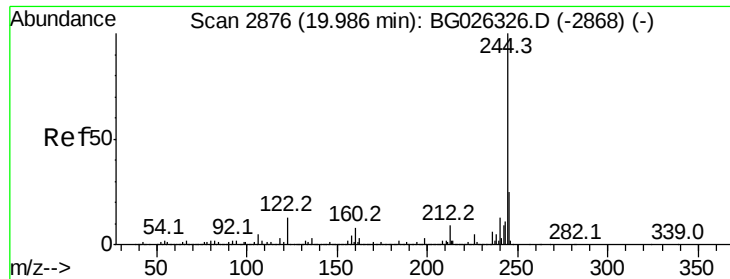
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

Tgt Ion:240 Resp: 610009
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 27.1 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: 119.78 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026386.D

Acq: 22 Mar 2017 21:57

Instrument :

BNA_G

ClientSampleId :

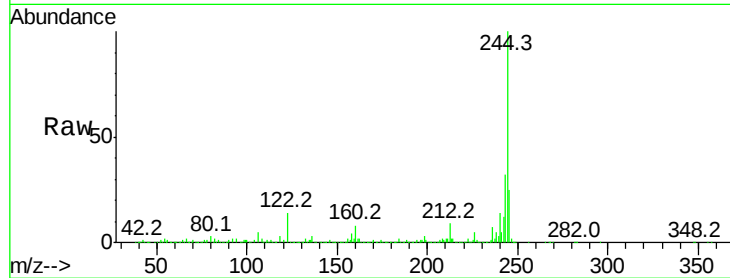
Tot Ion:244 Resp: 3008653

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

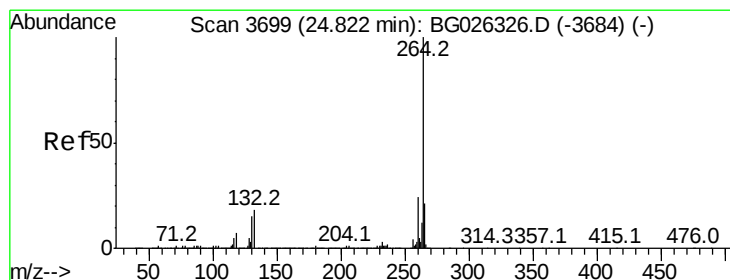
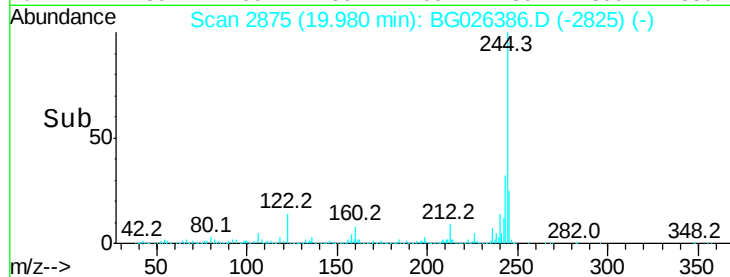
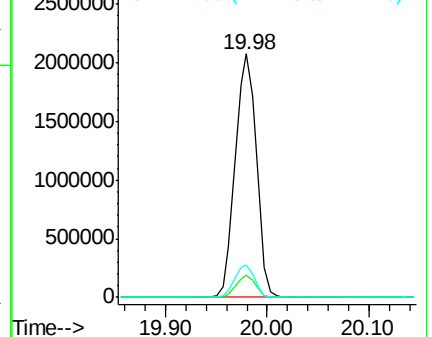
122 13.5 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026386.D

Acq: 22 Mar 2017 21:57

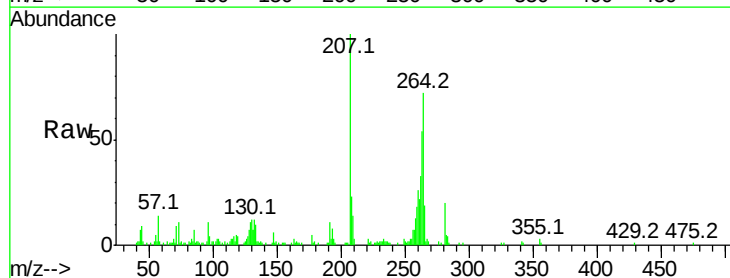
Tgt Ion:264 Resp: 38887

Ion Ratio Lower Upper

264 100

260 36.4 21.8 32.8#

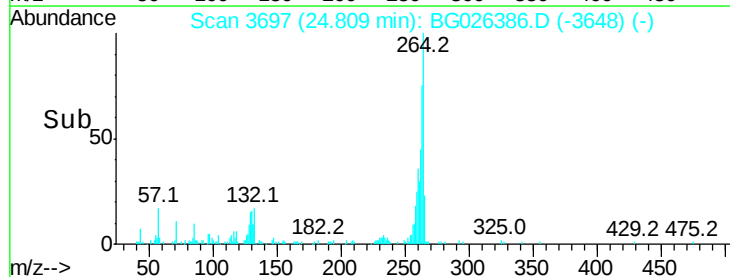
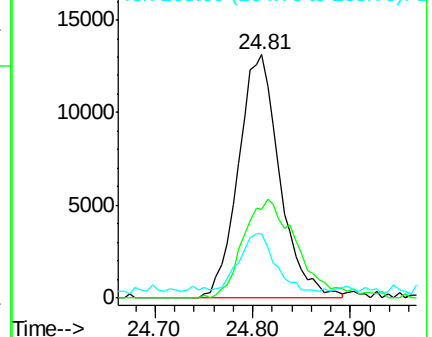
265 26.2 18.2 27.4

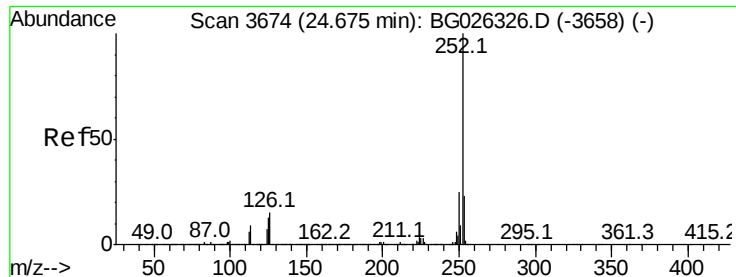


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 2.31 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026386.D

Acq: 22 Mar 2017 21:57

Instrument :

BNA_G

ClientSampleId :

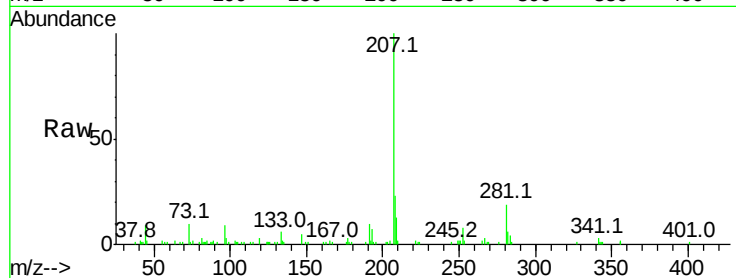
Tot Ion:252 Resp: 5082

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

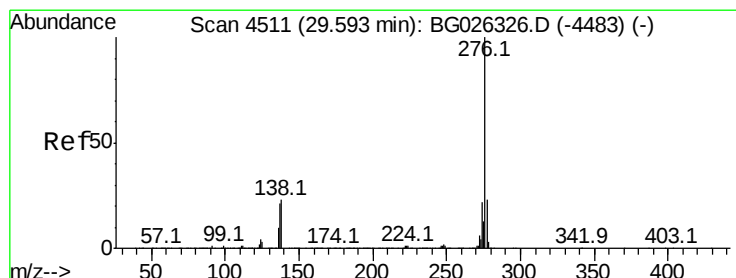
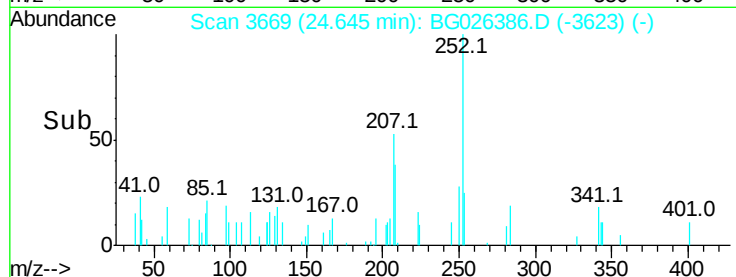
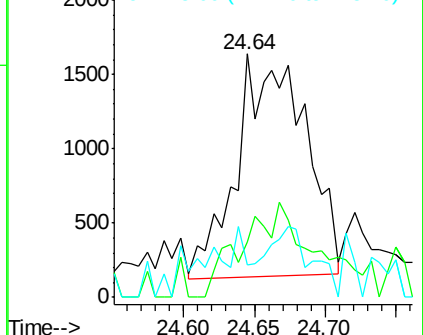
125 13.4 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.82 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.01 min

Lab File: BG026386.D

Acq: 22 Mar 2017 21:57

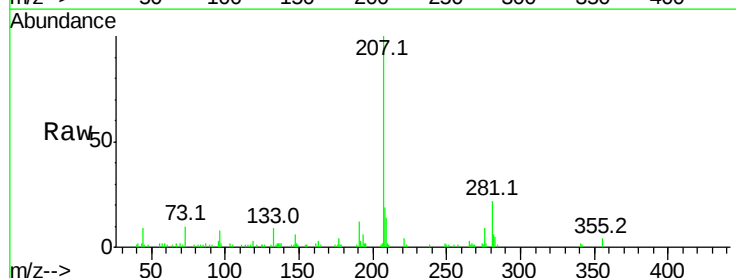
Tgt Ion:276 Resp: 8542

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 17.1 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

