

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 :
 VNJ-212-207-COMP

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

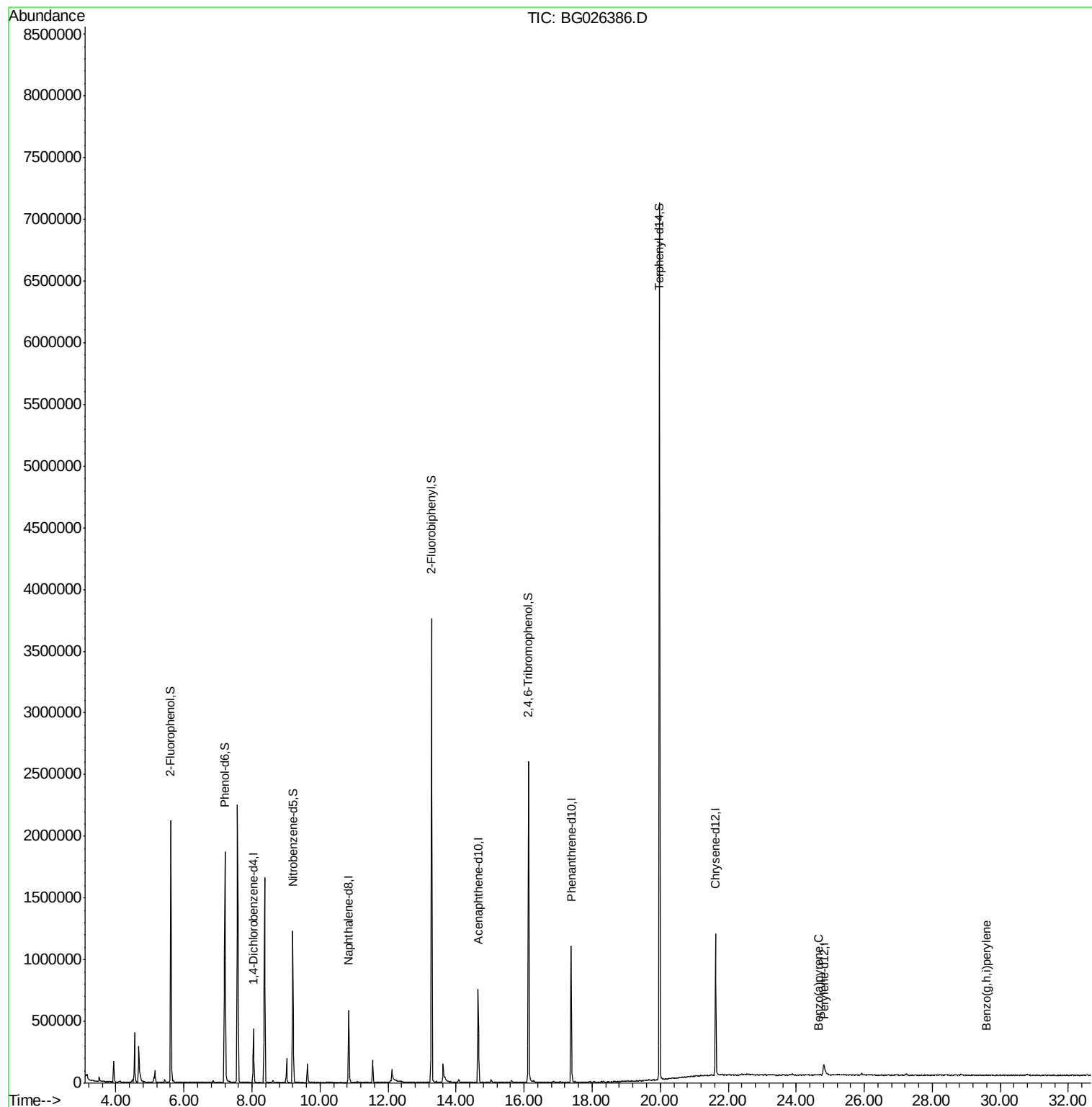
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	142519	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	571274	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	256399	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	721971	20.00	ng	0.00
75) Chrysene-d12	21.62	240	610009	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

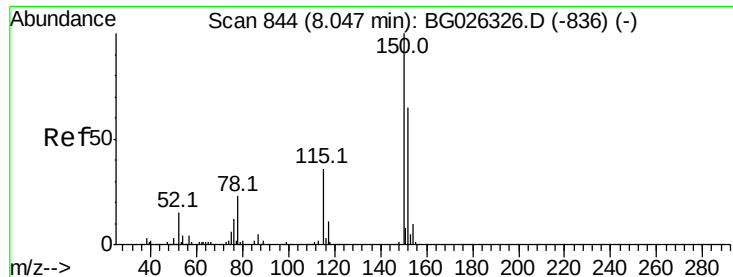
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

VNJ-212-207-COMP

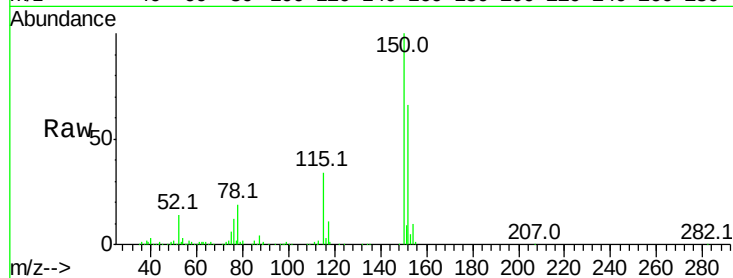
Tot Ion:152 Resp: 142519

Ion Ratio Lower Upper

152 100

150 152.2 114.0 171.0

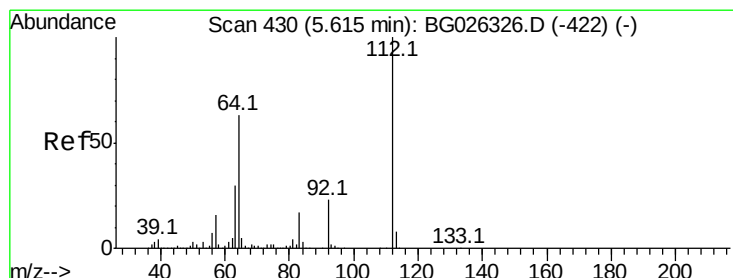
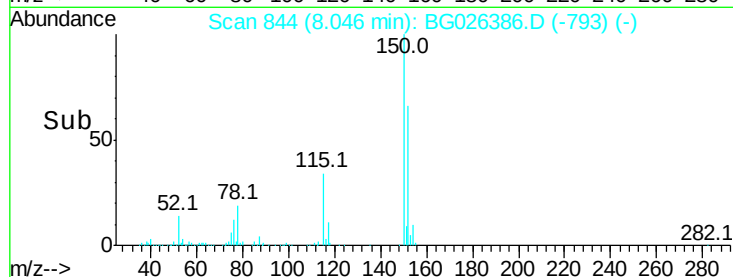
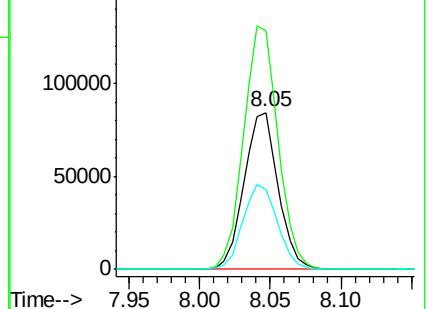
115 51.0 48.1 72.1



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: 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

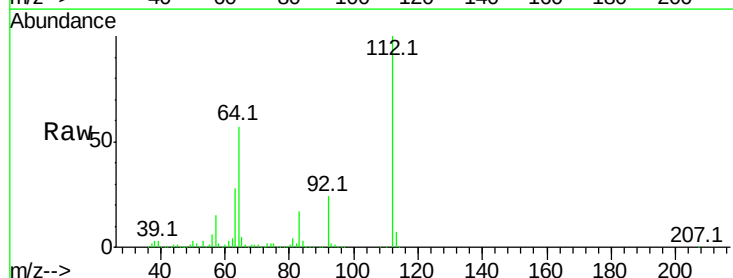
Tgt Ion:112 Resp: 1095166

Ion Ratio Lower Upper

112 100

64 56.7 61.8 92.6#

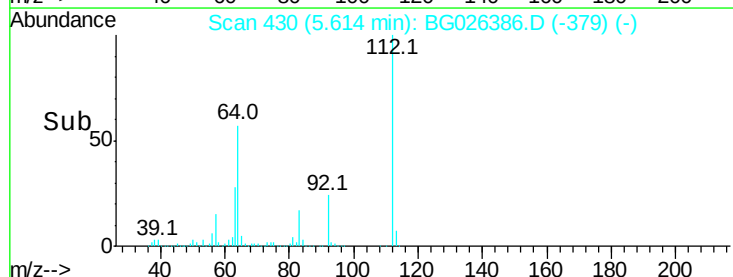
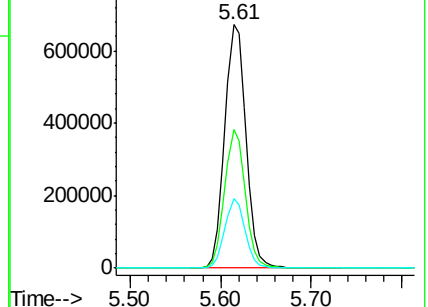
63 28.4 37.2 55.8#

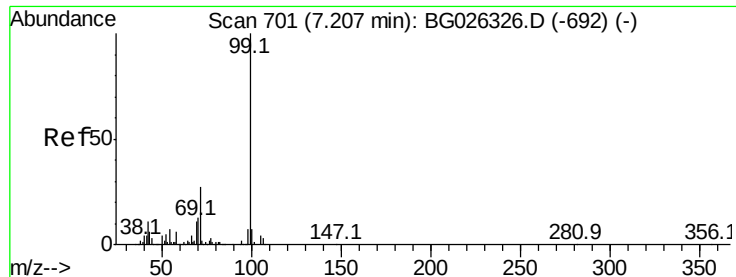


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 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 :

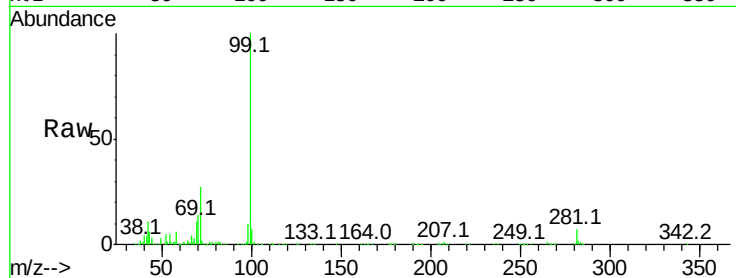
BNA_G

ClientSampleId :

VNJ-212-207-COMP

Tot Ion: 99 Resp: 1220560

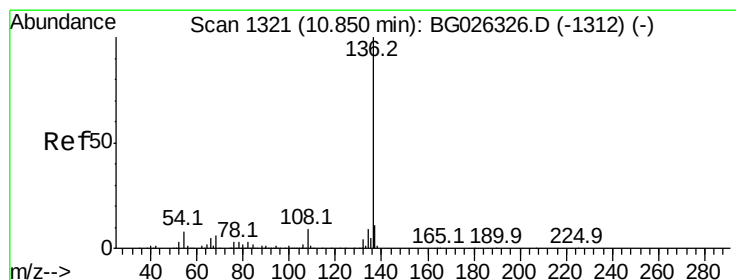
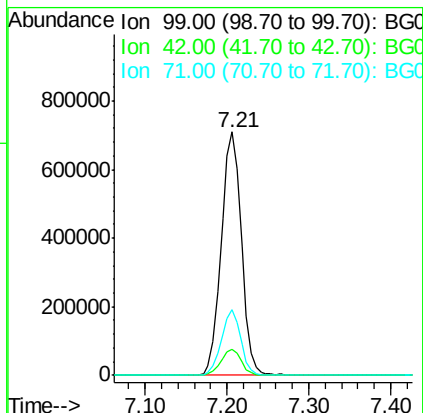
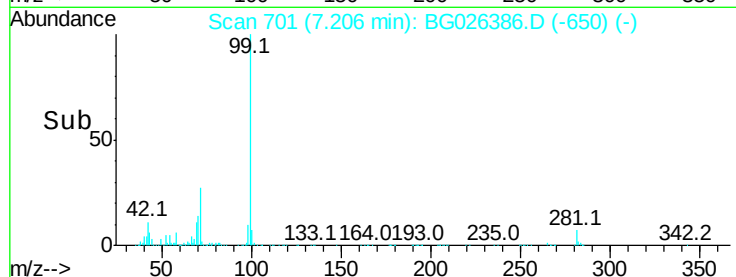
Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	27.0	37.6	56.4#



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

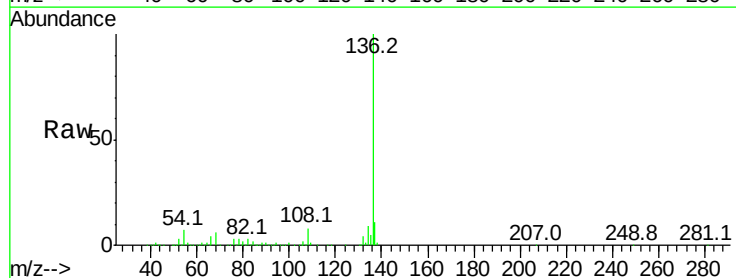
Delta R.T. -0.01 min

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

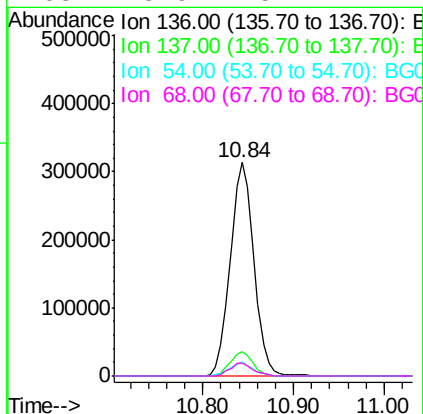
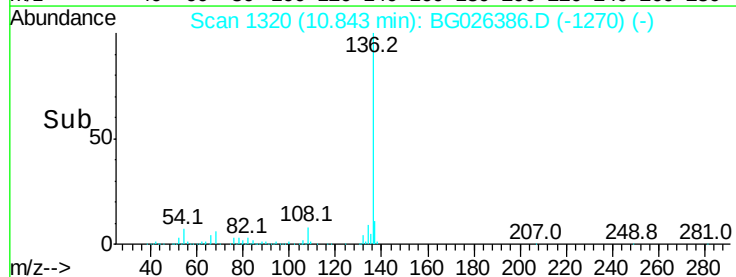


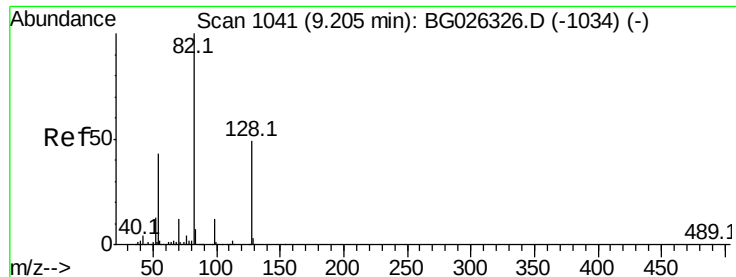
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

ClientSampleId :

VNJ-212-207-COMP

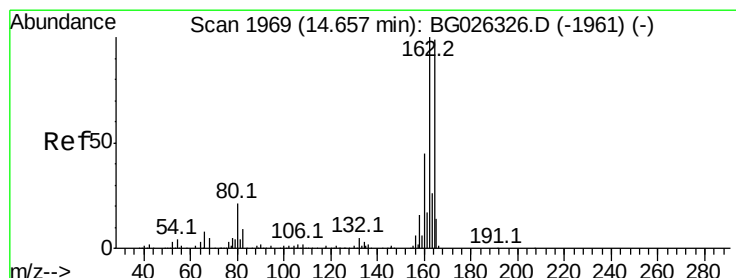
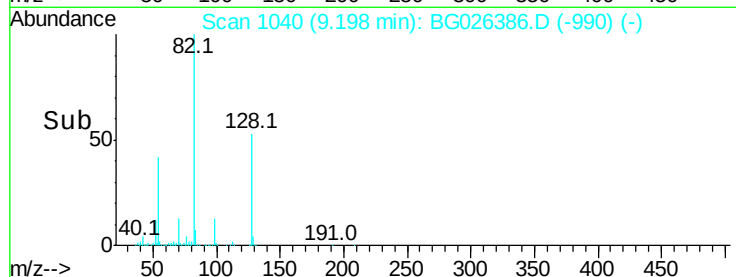
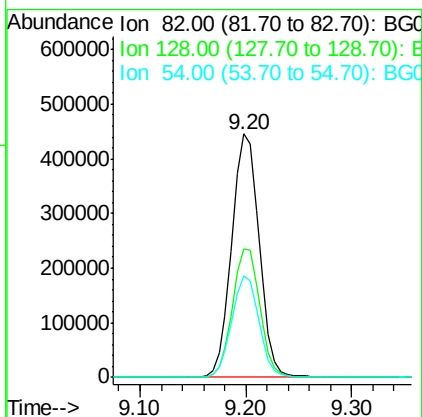
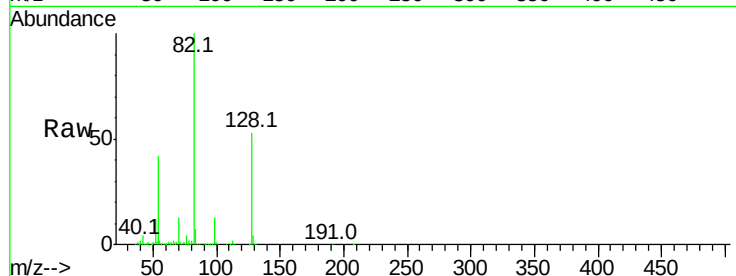
Tot Ion: 82 Resp: 798180

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

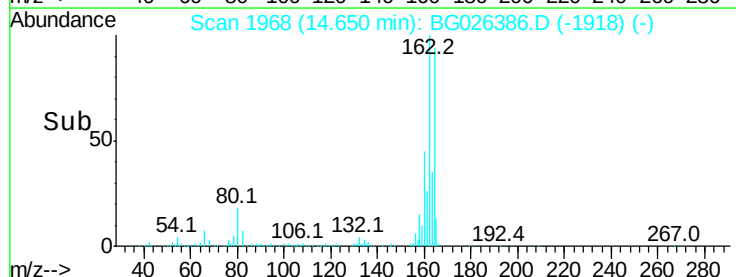
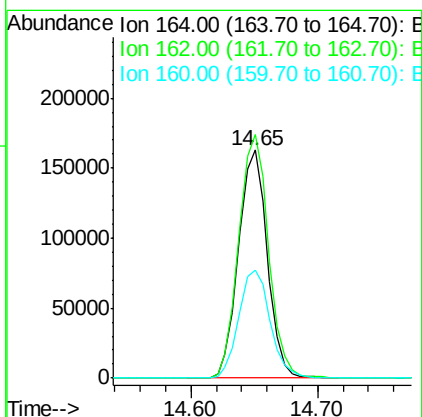
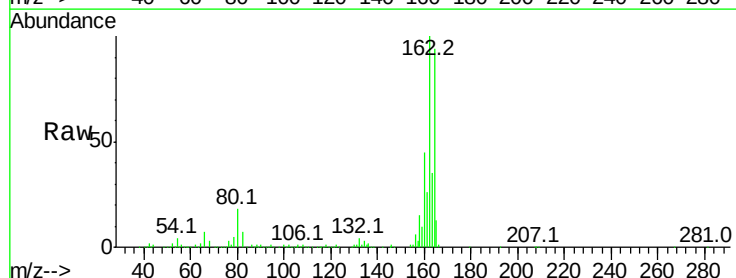
Tgt Ion: 164 Resp: 256399

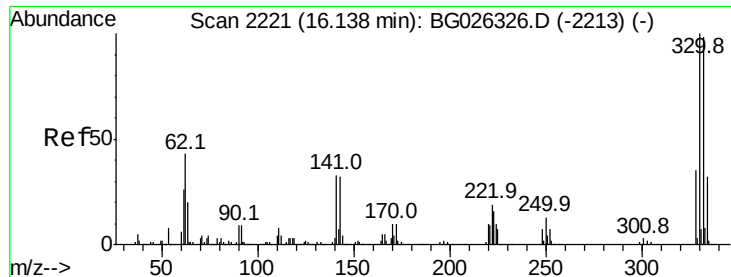
Ion Ratio Lower Upper

164 100

162 106.8 85.1 127.7

160 47.6 34.7 52.1

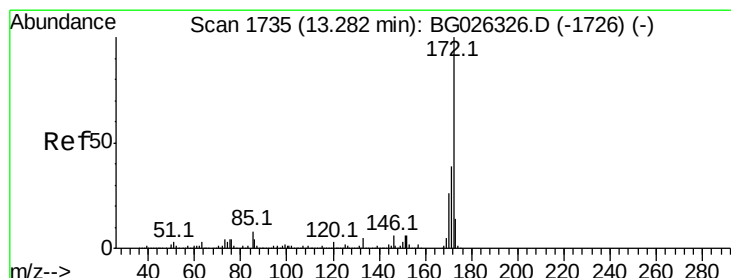
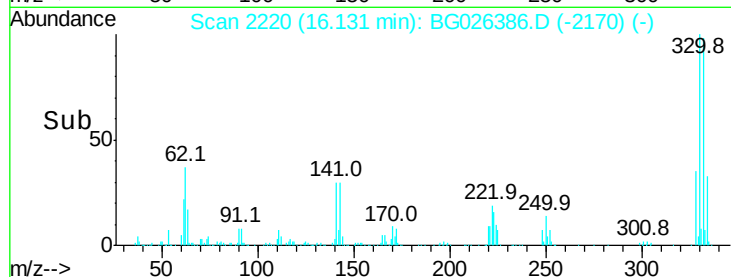
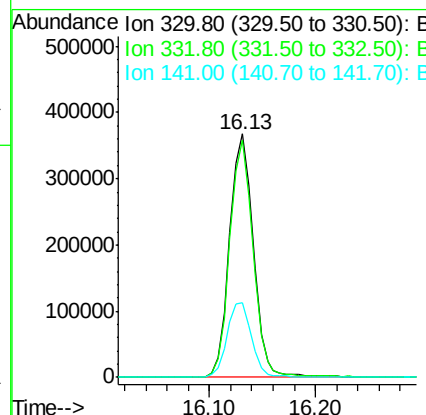
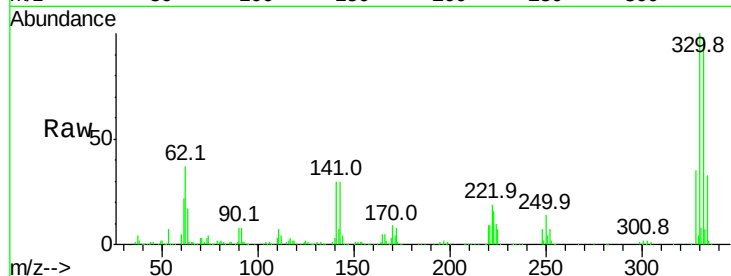




#41
 2,4,6-Tribromophenol
 Concen: 195.64 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026386.D
 Acq: 22 Mar 2017 21:57

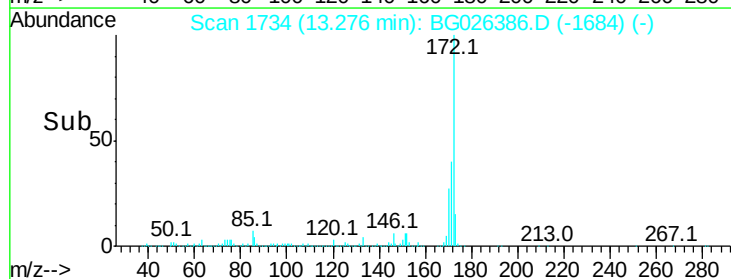
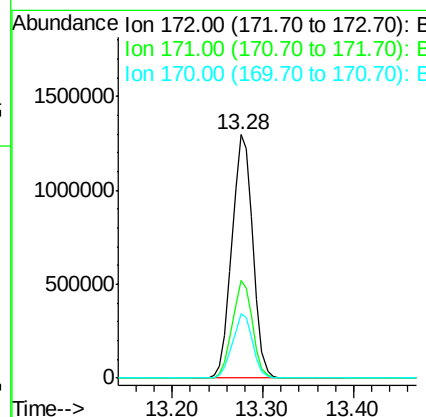
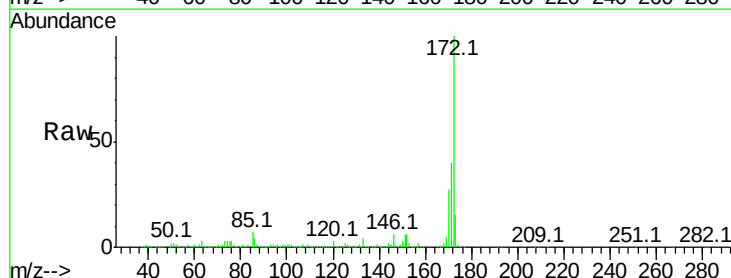
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-212-207-COMP

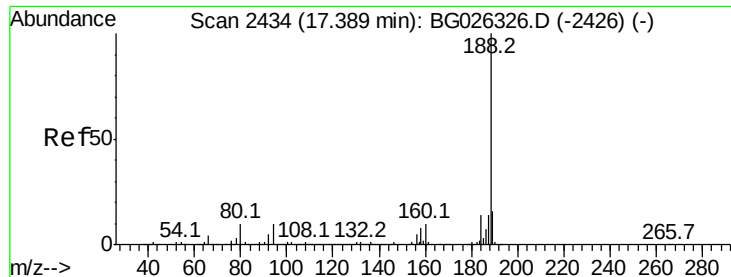
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	31.7	32.1	48.1#



#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

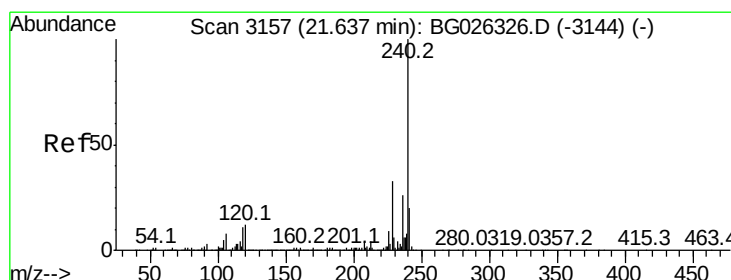
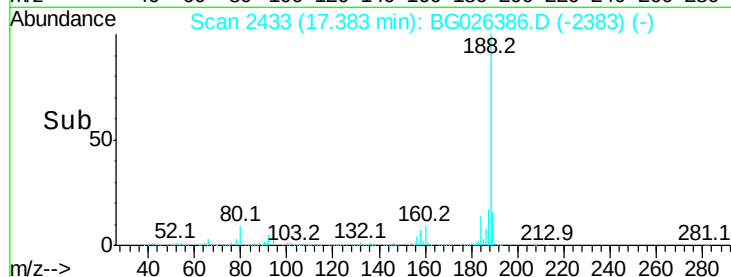
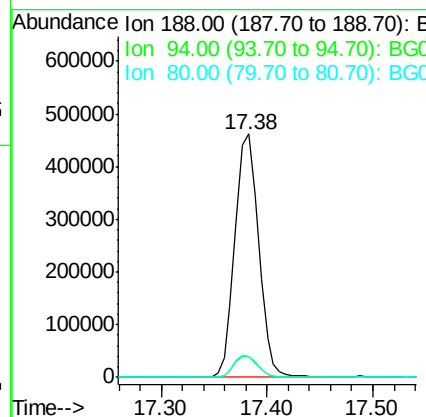
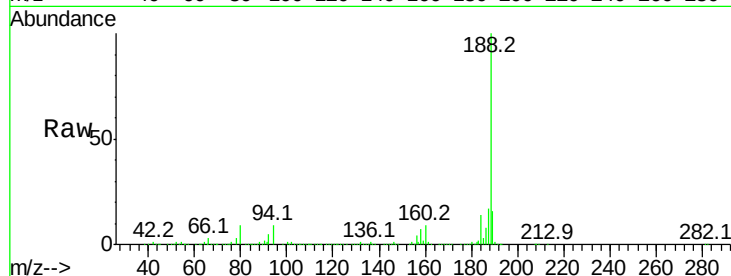




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026386.D
Acq: 22 Mar 2017 21:57

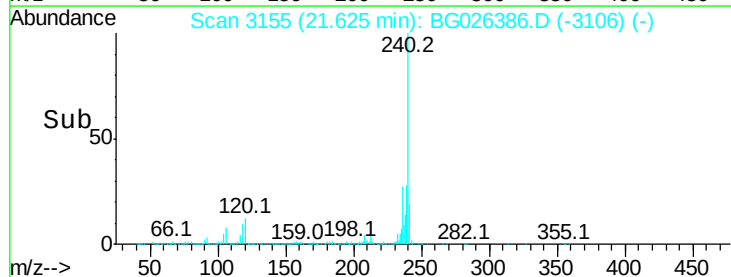
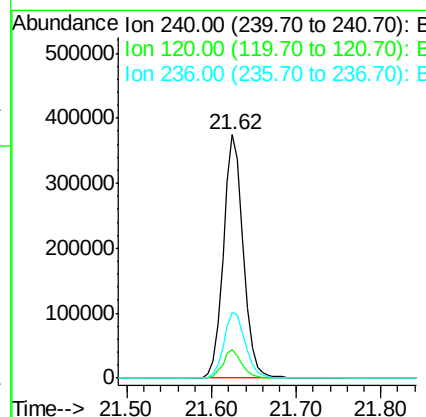
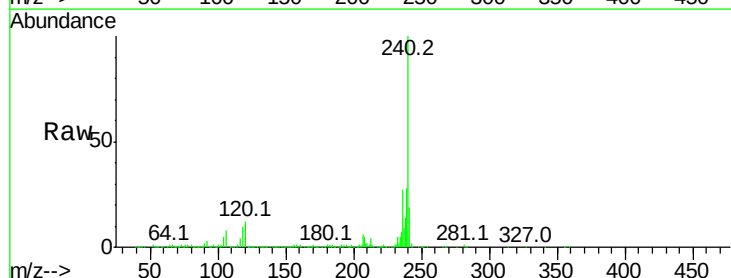
Instrument :
BNA_G
ClientSampleId :
VNJ-212-207-COMP

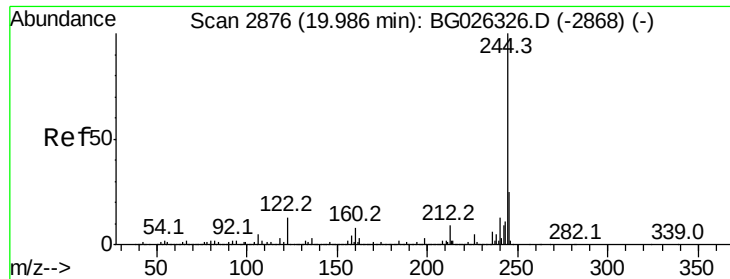
Tot Ion:188 Resp: 721971
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 8.5 7.5 11.3



#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





#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 :

VNJ-212-207-COMP

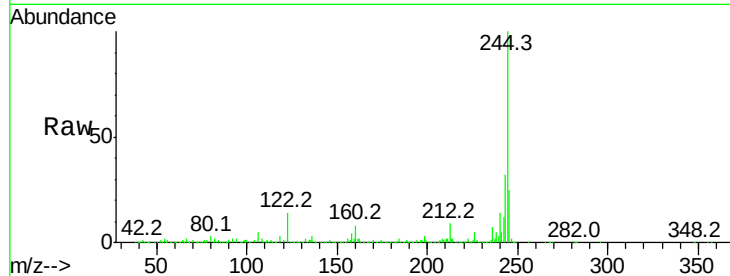
Tot Ion:244 Resp: 3008653

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

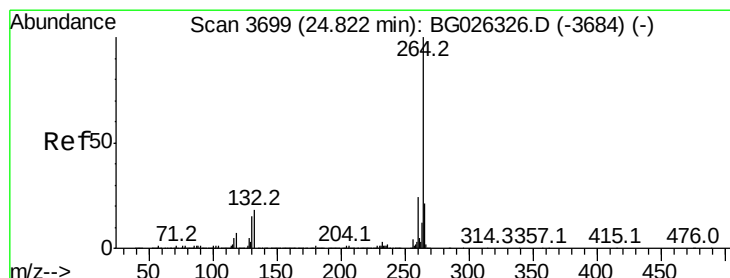
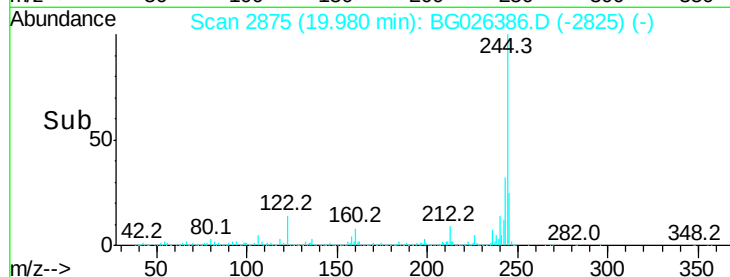
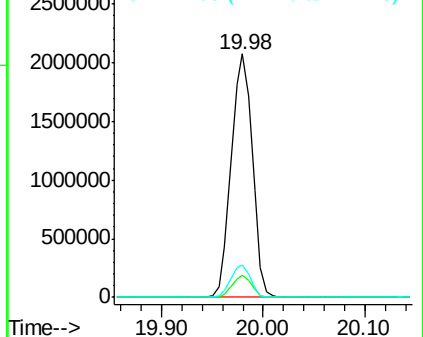
122 13.5 8.6 12.8#



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

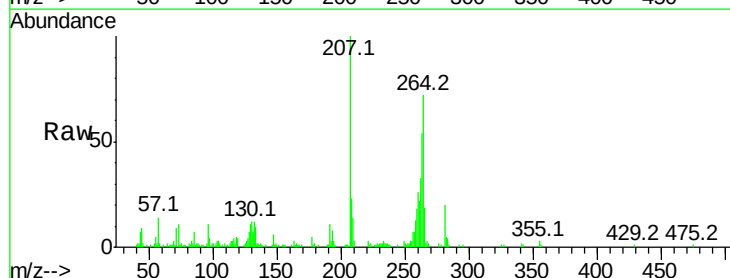
Tgt Ion:264 Resp: 38887

Ion Ratio Lower Upper

264 100

260 36.4 21.8 32.8#

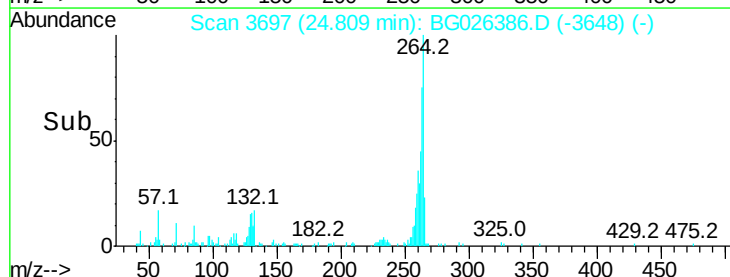
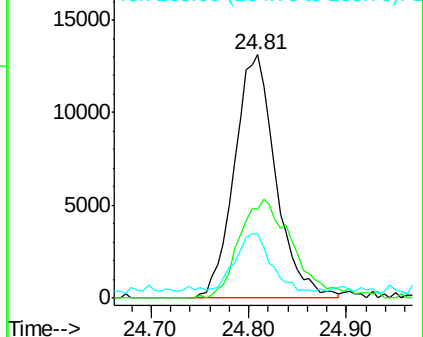
265 26.2 18.2 27.4

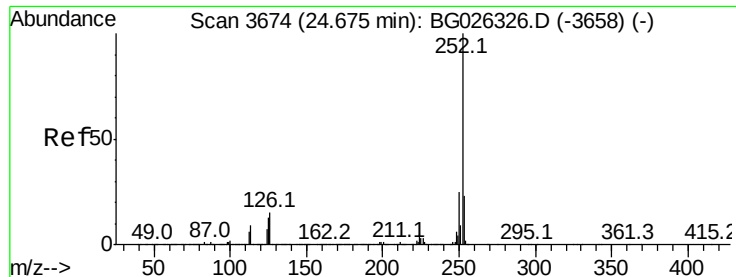


Abundance Ion 264.00 (263.70 to 264.70): E

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 :

VNJ-212-207-COMP

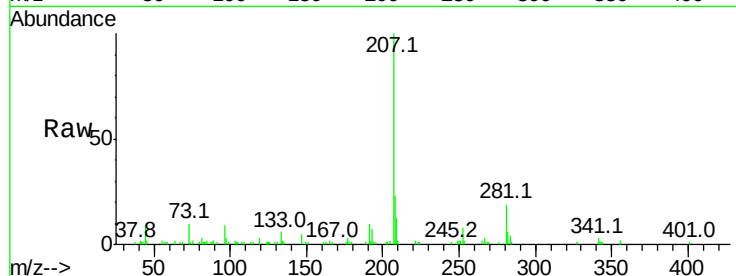
Tot Ion:252 Resp: 5082

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

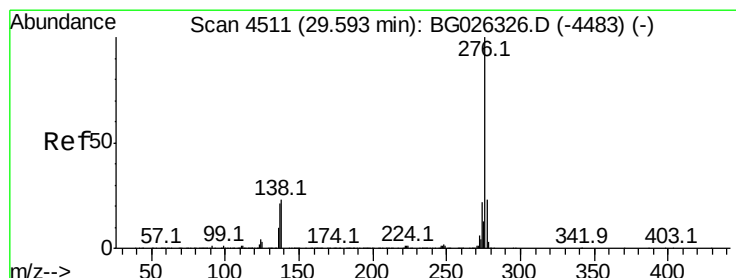
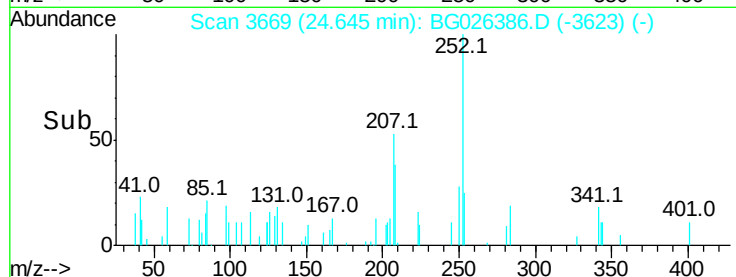
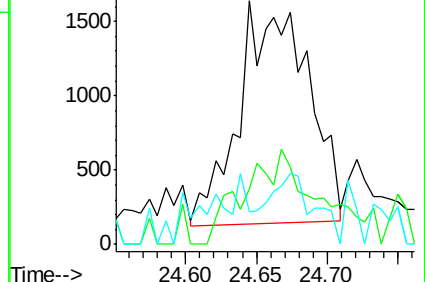
125 13.4 5.4 8.0#



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

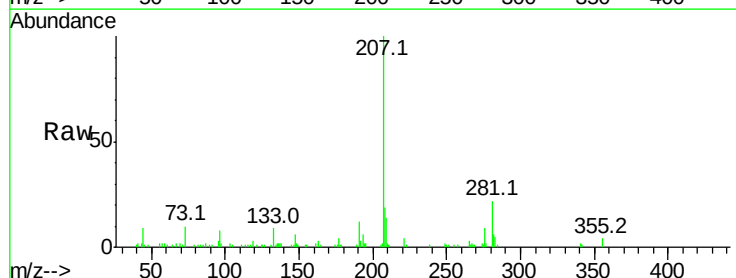
Tgt Ion:276 Resp: 8542

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

