

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026389.D
 Acq On : 22 Mar 2017 23:54
 Operator : SJ/MA
 Sample : I2350-15
 Misc : L00 20 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11937-VNJ-205-COMP

Quant Time: Mar 23 01:15:28 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

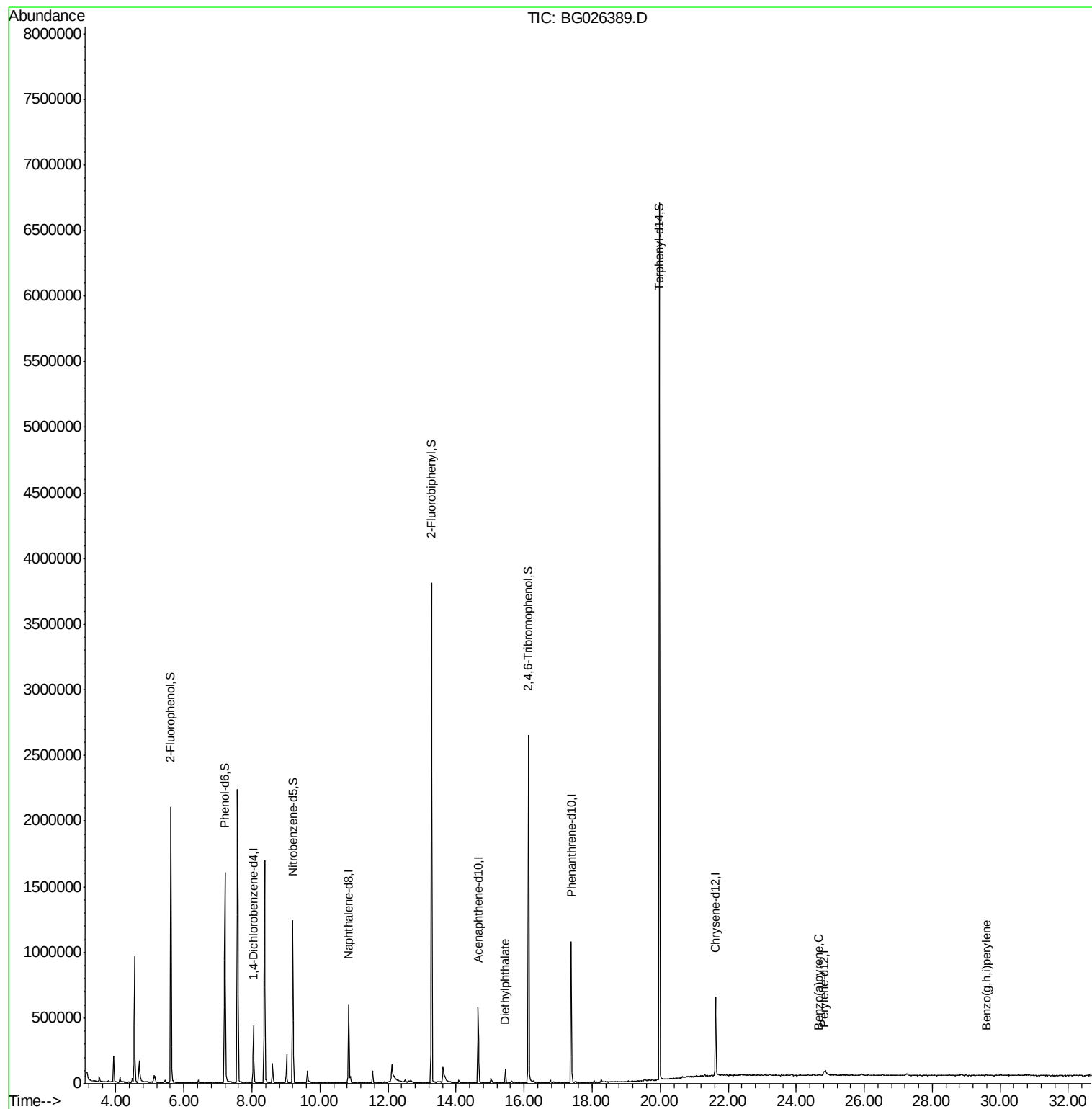
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	142440	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	572890	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	181987	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	674055	20.00	ng	0.00
75) Chrysene-d12	21.62	240	290402	20.00	ng	-0.01
86) Perylene-d12	24.82	264	4895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1103926	137.56	ng	0.00
7) Phenol-d6	7.21	99	970897	90.11	ng	0.00
23) Nitrobenzene-d5	9.20	82	812190	85.24	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	584666	280.54	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2141839	165.05	ng	0.00
78) Terphenyl-d14	19.98	244	2628104	219.78	ng	0.00
Target Compounds						
59) Diethylphthalate	15.45	149	60362	4.30	ng	99
89) Benzo(a)pyrene	24.67	252	2386	8.62	ng	# 75
91) Benzo(g,h,i)perylene	29.59	276	1657	5.88	ng	# 91

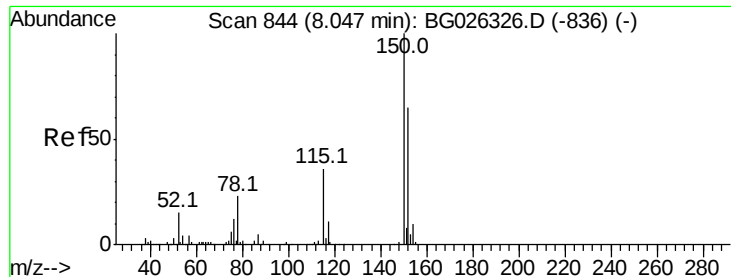
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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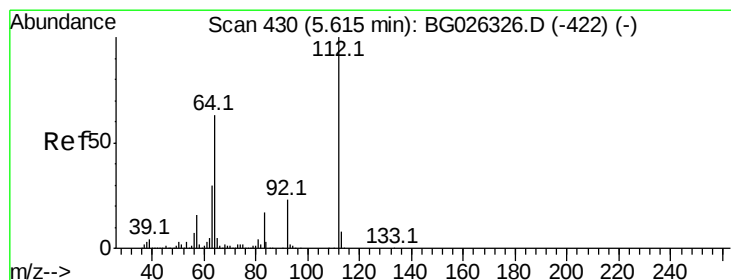
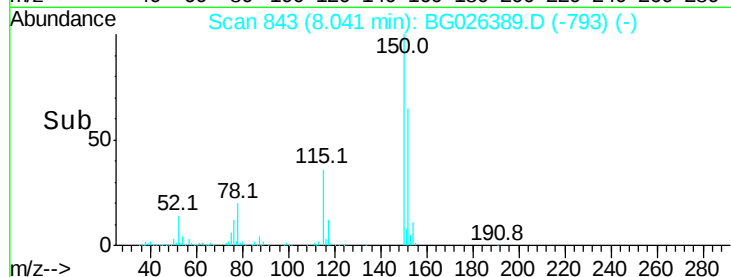
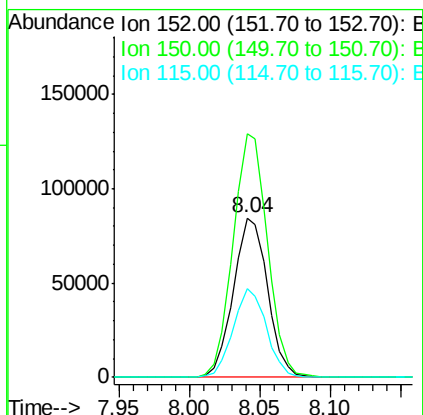
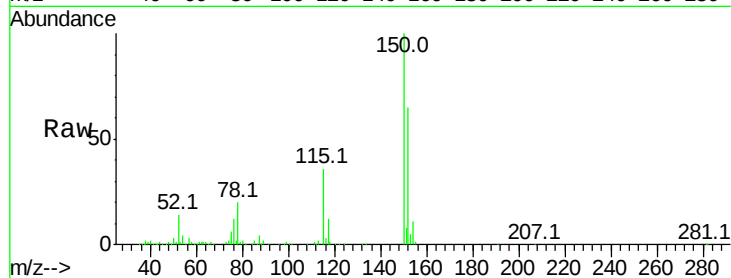


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026389.D
Acq: 22 Mar 2017 23:54

Instrument :
BNA_G
ClientSampleId :
72-11937-VNJ-205-COMP

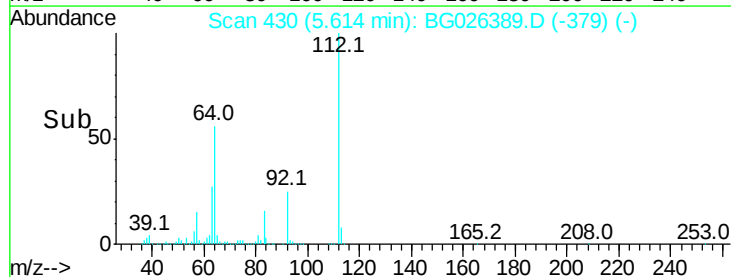
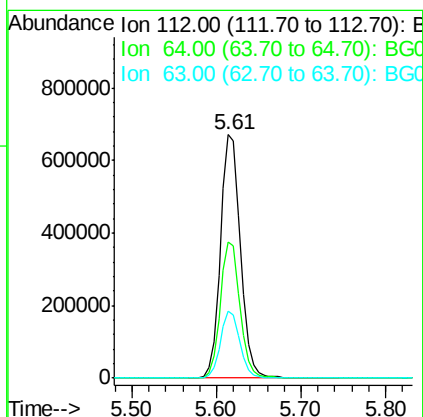
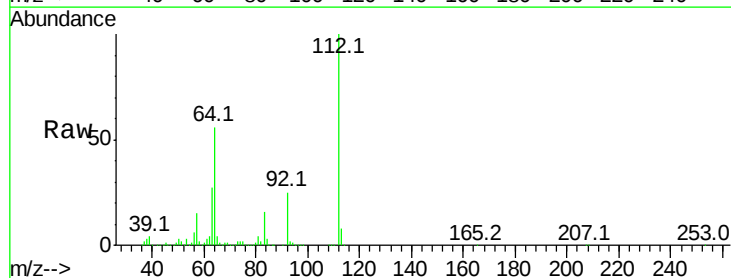
Tot Ion:152 Resp: 142440
Ion Ratio Lower Upper
152 100
150 152.8 114.0 171.0
115 55.7 48.1 72.1

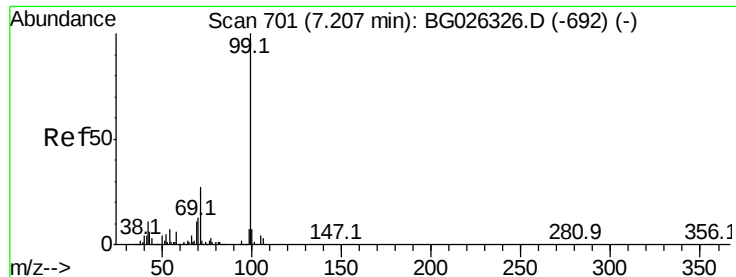


#5

2-Fluorophenol
Concen: 137.56 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026389.D
Acq: 22 Mar 2017 23:54

Tgt Ion:112 Resp: 1103926
Ion Ratio Lower Upper
112 100
64 55.8 61.8 92.6#
63 27.3 37.2 55.8#





#7

Phenol-d6

Concen: 90.11 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

Instrument :

BNA_G

ClientSampleId :

72-11937-VNJ-205-COMP

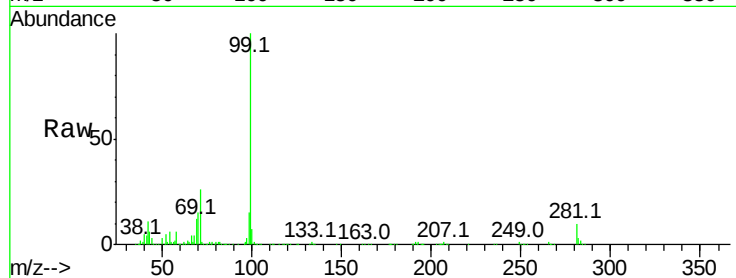
Tot Ion: 99 Resp: 970897

Ion Ratio Lower Upper

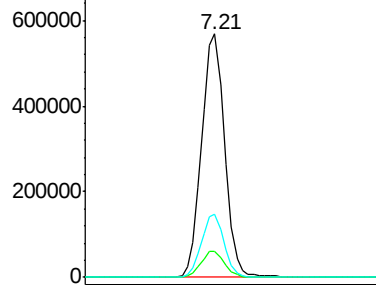
99 100

42 10.9 20.5 30.7#

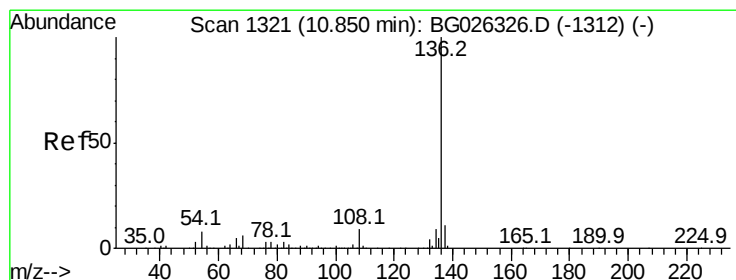
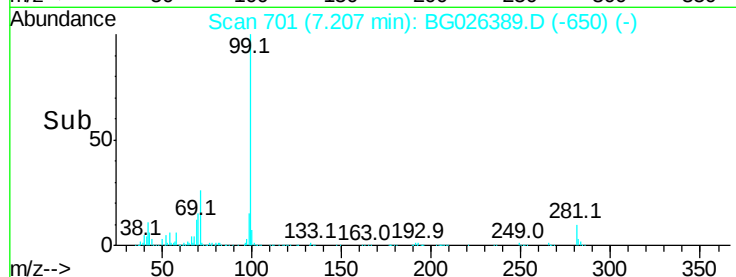
71 26.0 37.6 56.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

Tgt Ion: 136 Resp: 572890

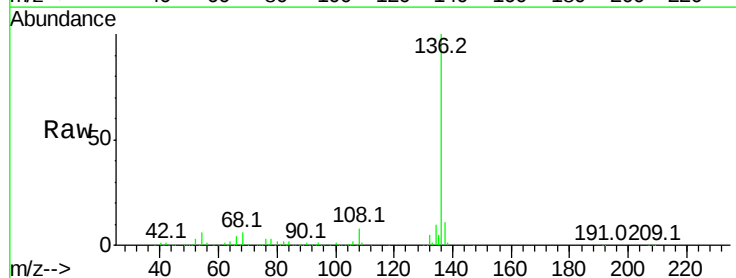
Ion Ratio Lower Upper

136 100

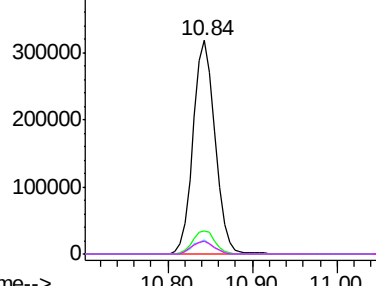
137 11.1 8.9 13.3

54 6.3 9.3 13.9#

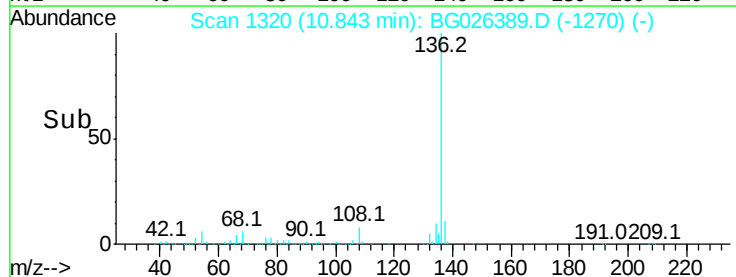
68 5.9 5.1 7.7

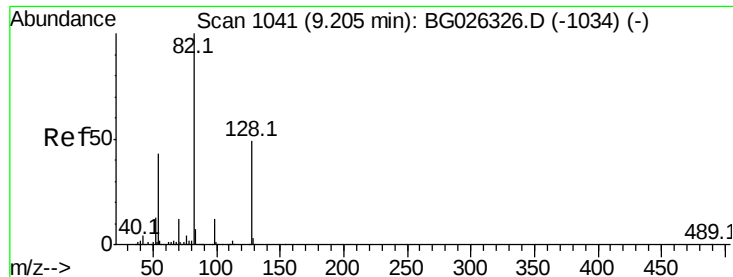


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

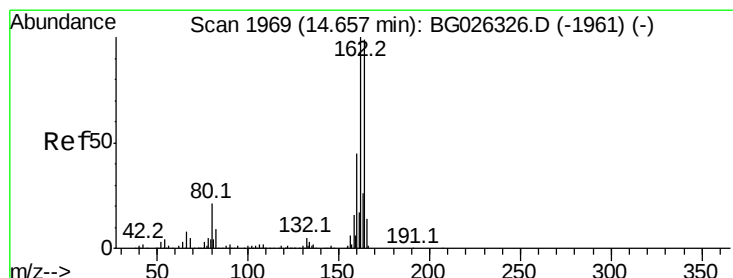
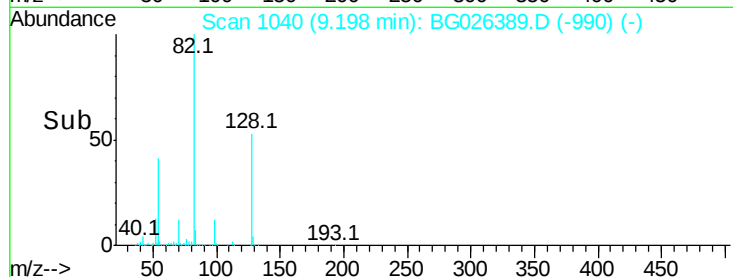
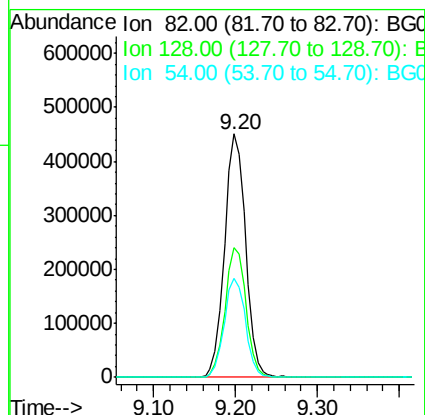
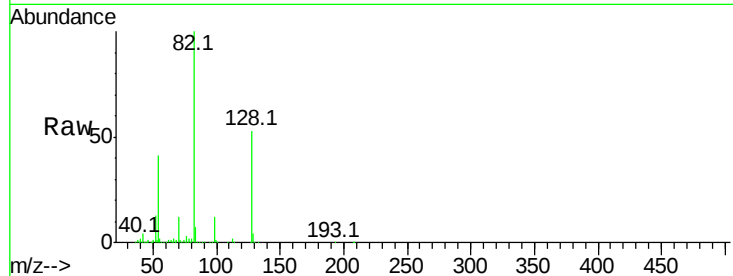




#23
 Nitrobenzene-d5
 Concen: 85.24 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026389.D
 Acq: 22 Mar 2017 23:54

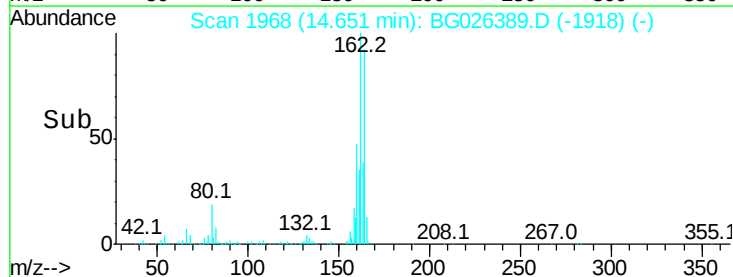
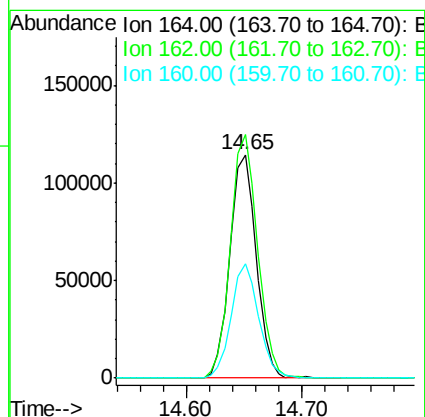
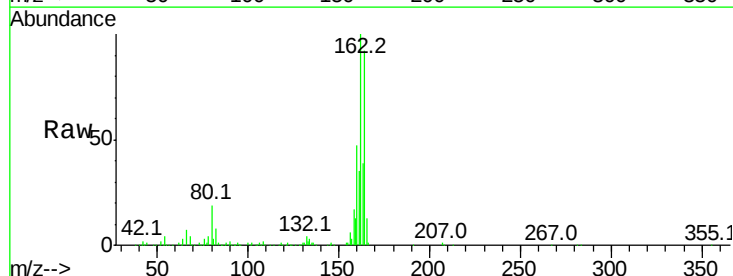
Instrument :
 BNA_G
 ClientSampleId :
 72-11937-VNJ-205-COMP

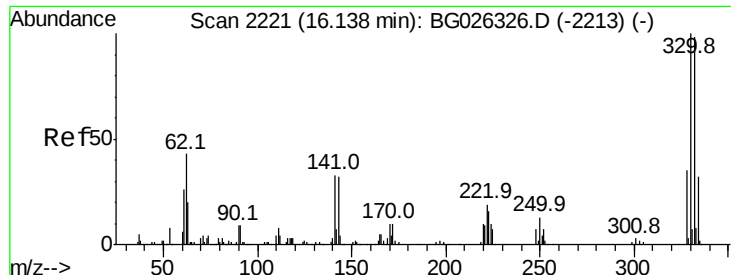
Tot Ion	82	Resp	812190
Ion Ratio	Lower	Upper	
82	100		
128	53.1	26.4	39.6#
54	40.8	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026389.D
 Acq: 22 Mar 2017 23:54

Tgt Ion	164	Resp	181987
Ion Ratio	Lower	Upper	
164	100		
162	108.9	85.1	127.7
160	51.0	34.7	52.1

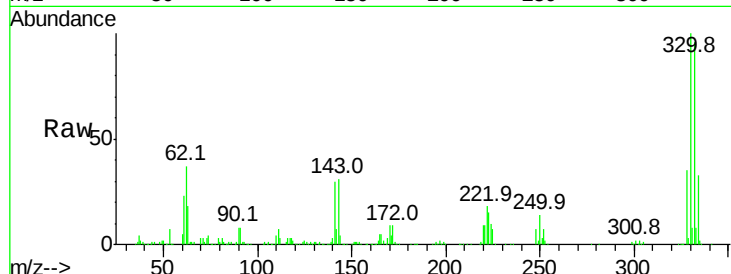




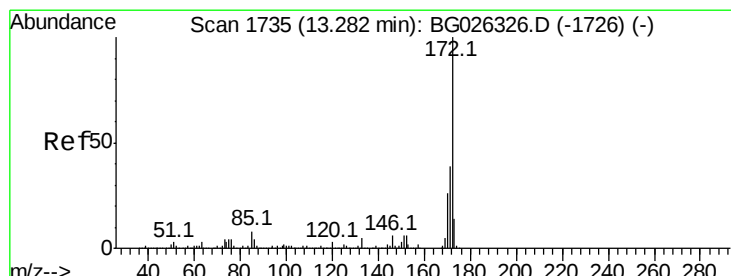
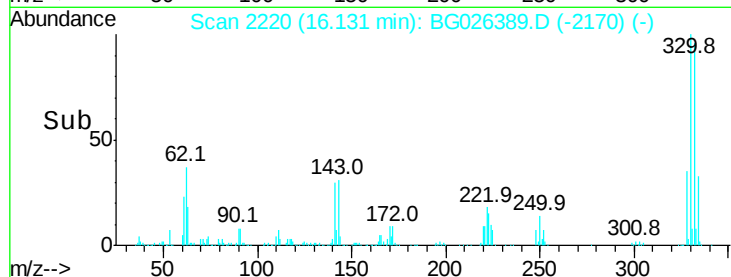
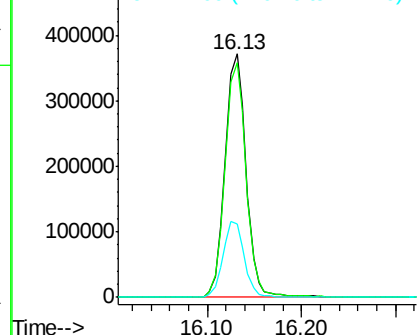
#41
 2,4,6-Tribromophenol
 Concen: 280.54 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026389.D
 Acq: 22 Mar 2017 23:54

Instrument :
 BNA_G
 ClientSampleId :
 72-11937-VNJ-205-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	31.7	32.1	48.1#

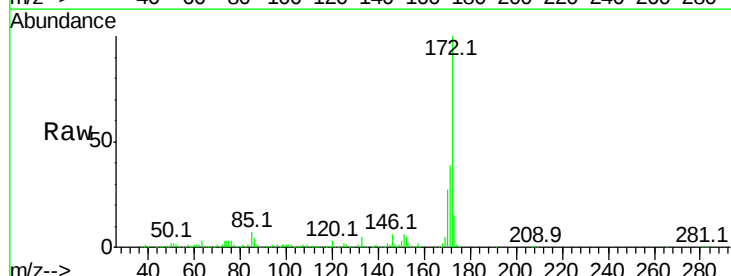


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

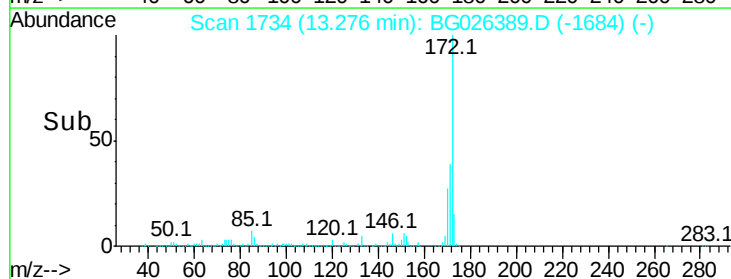
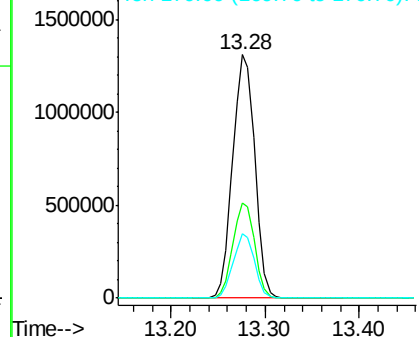


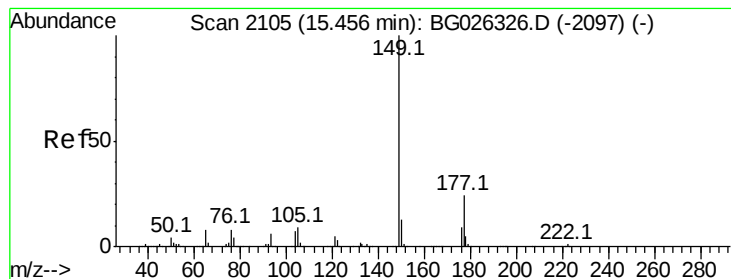
#44
 2-Fluorobiphenyl
 Concen: 165.05 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026389.D
 Acq: 22 Mar 2017 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	26.5	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





#59

Diethylphthalate

Concen: 4.30 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

Instrument :

BNA_G

ClientSampleId :

72-11937-VNJ-205-COMP

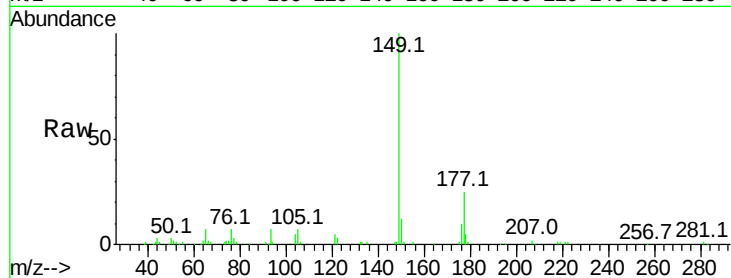
Tot Ion:149 Resp: 60362

Ion Ratio Lower Upper

149 100

177 24.6 20.1 30.1

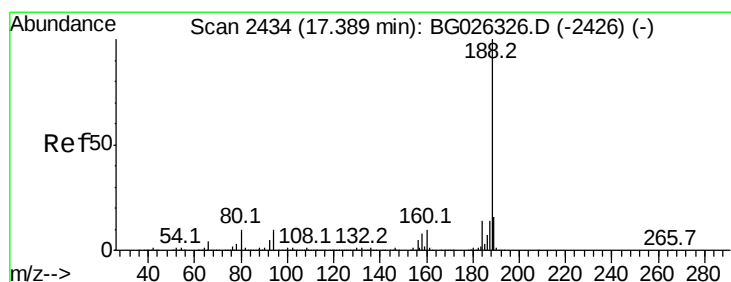
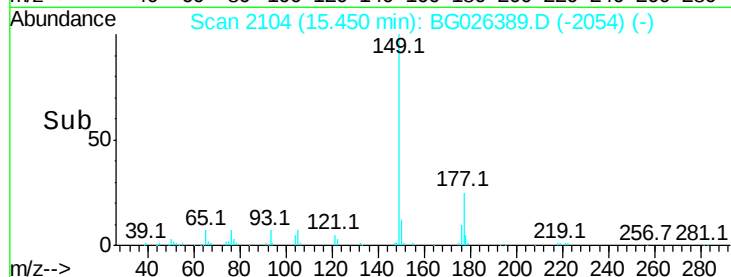
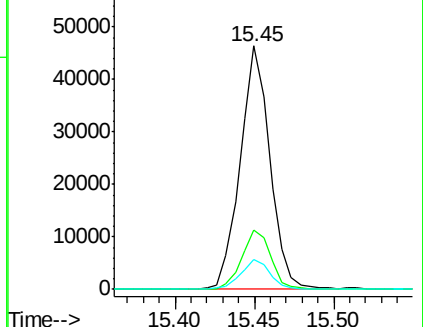
150 12.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

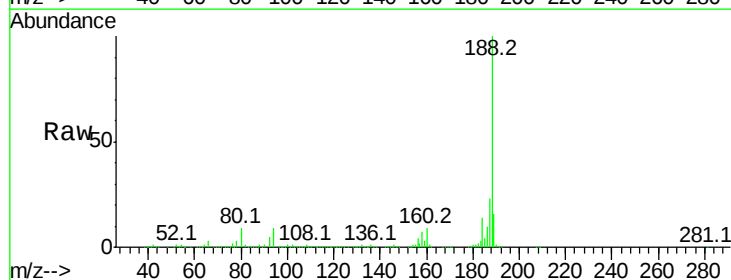
Tgt Ion:188 Resp: 674055

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

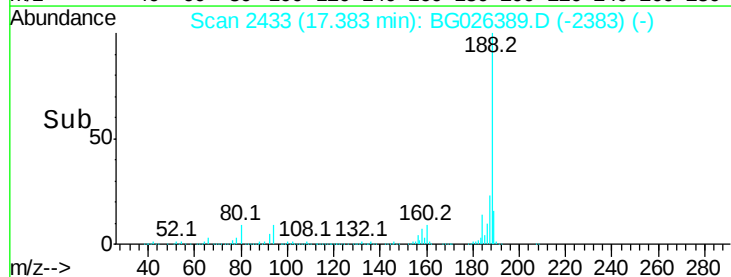
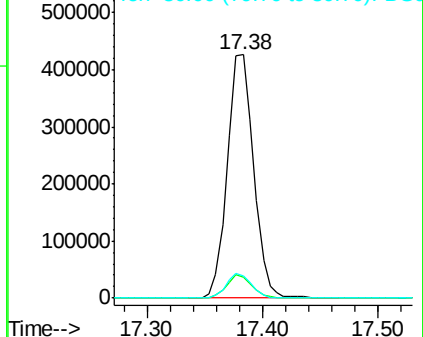
80 9.2 7.5 11.3

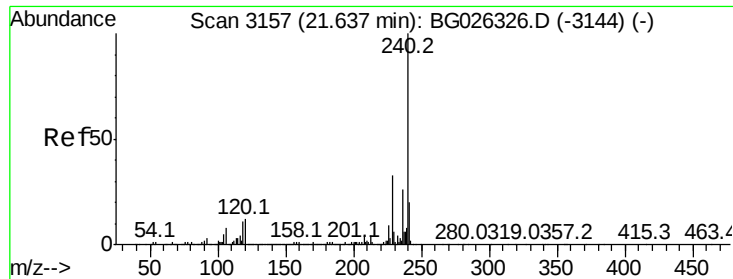


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG026389.D

Acq: 22 Mar 2017 23:54

Instrument :

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ClientSampleId :

72-11937-VNJ-205-COMP

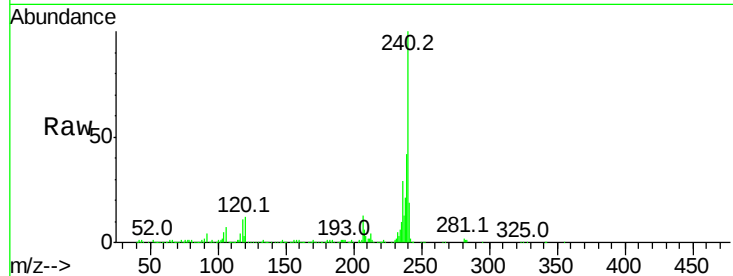
Tot Ion:240 Resp: 290402

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

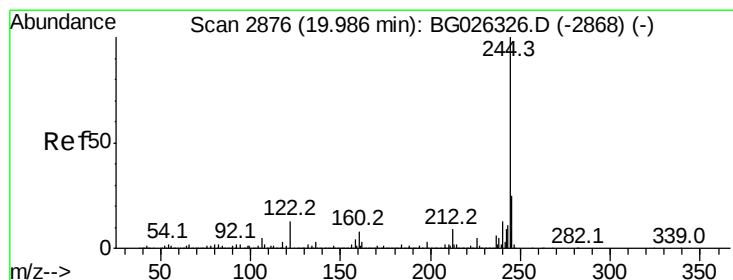
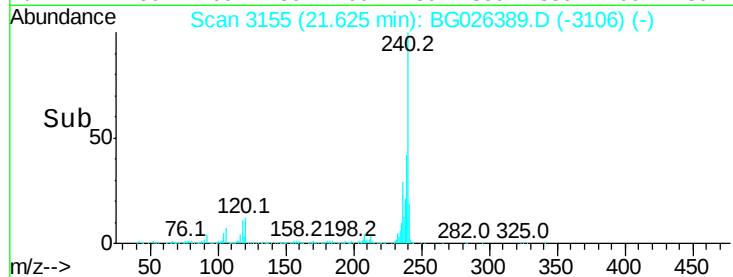
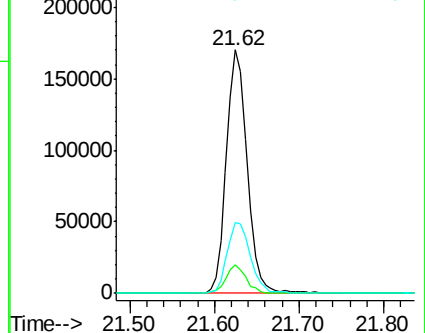
236 28.9 22.2 33.4



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: 219.78 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

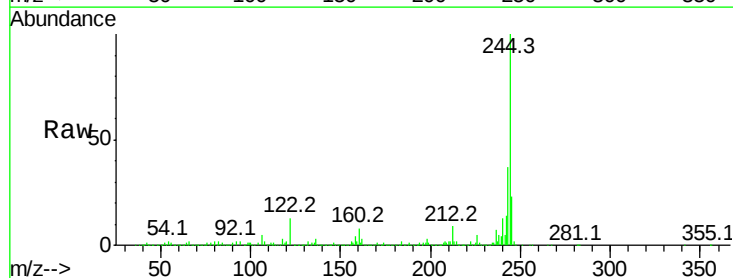
Tgt Ion:244 Resp: 2628104

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

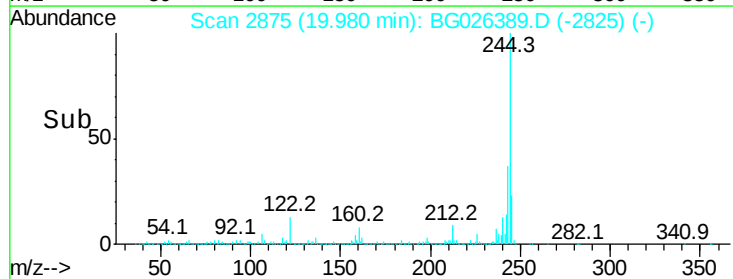
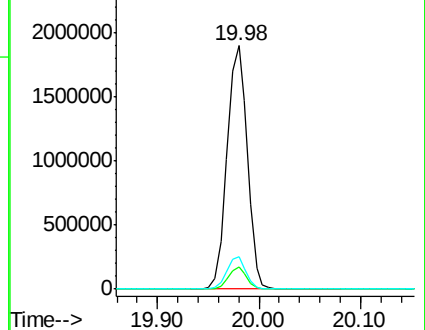
122 13.1 8.6 12.8#

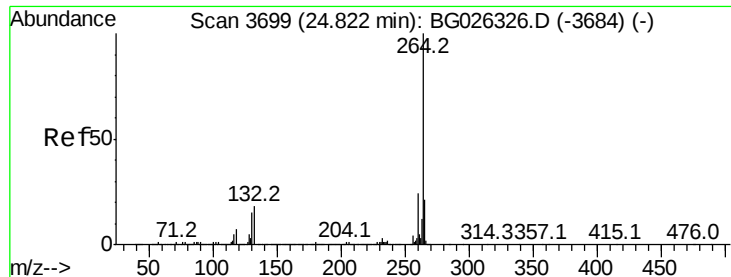


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

Instrument :

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72-11937-VNJ-205-COMP

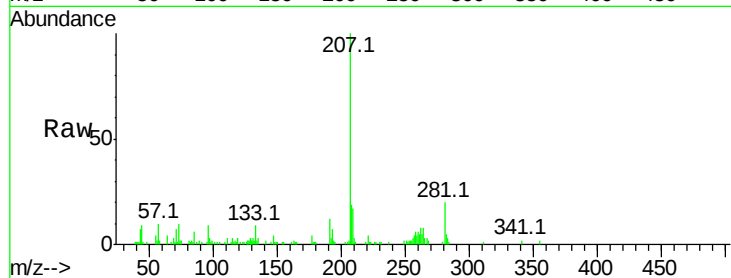
Tot Ion:264 Resp: 4895

Ion Ratio Lower Upper

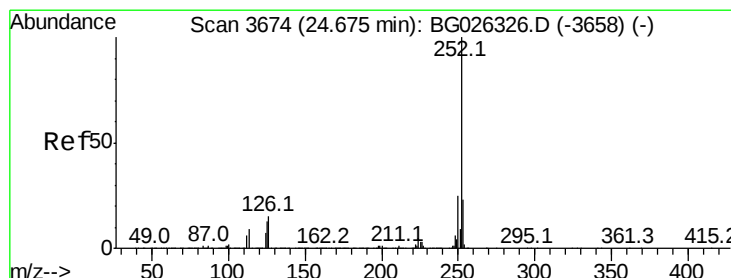
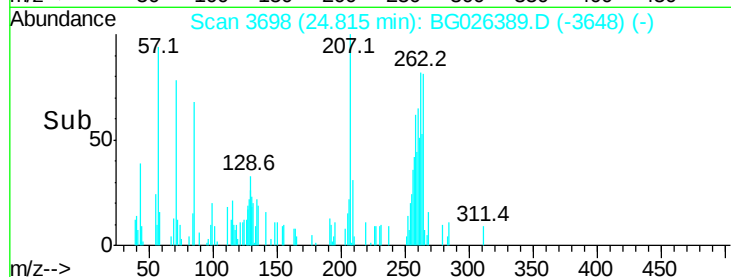
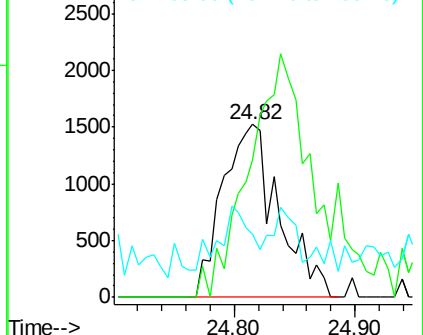
264 100

260 79.5 21.8 32.8#

265 36.3 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: 8.62 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

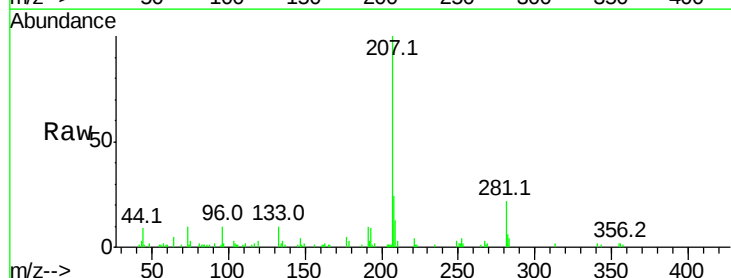
Tgt Ion:252 Resp: 2386

Ion Ratio Lower Upper

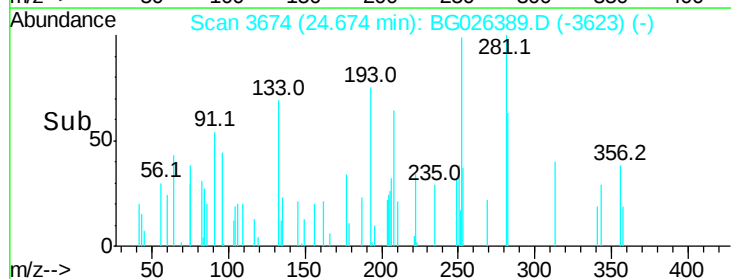
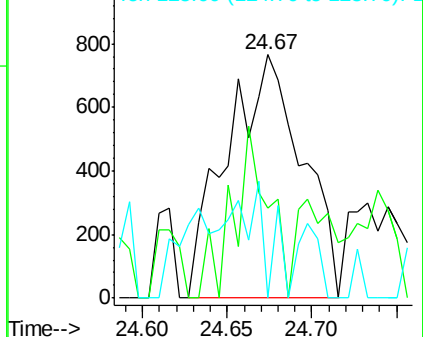
252 100

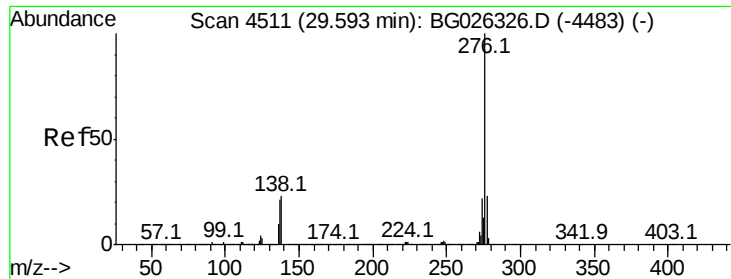
253 36.8 19.2 28.8#

125 0.0 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(a,h,i)perylene

Concen: 5.88 ng

RT: 29.59 min Scan# 4511

Delta R.T. -0.00 min

Lab File: BG026389.D

Acq: 22 Mar 2017 23:54

Instrument :

BNA_G

ClientSampleId :

72-11937-VNJ-205-COMP

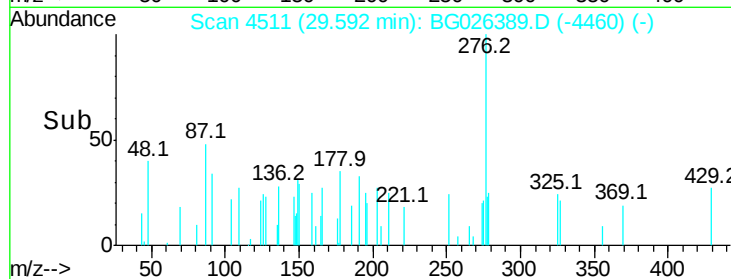
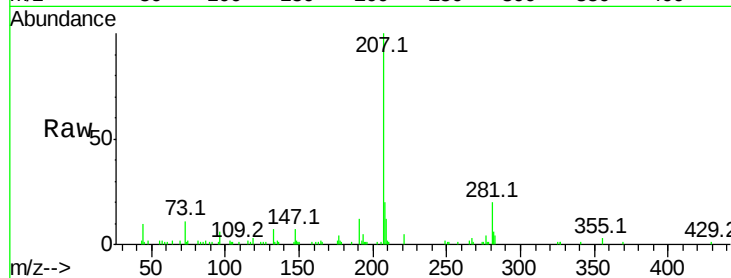
Tot Ion:276 Resp: 1657

Ion Ratio Lower Upper

276 100

277 22.6 18.6 27.8

138 0.0 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

