

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029414.D
 Acq On : 24 Oct 2017 00:50
 Operator : SJ/JU
 Sample : I6064-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11935-COMP

Quant Time: Oct 24 05:55:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

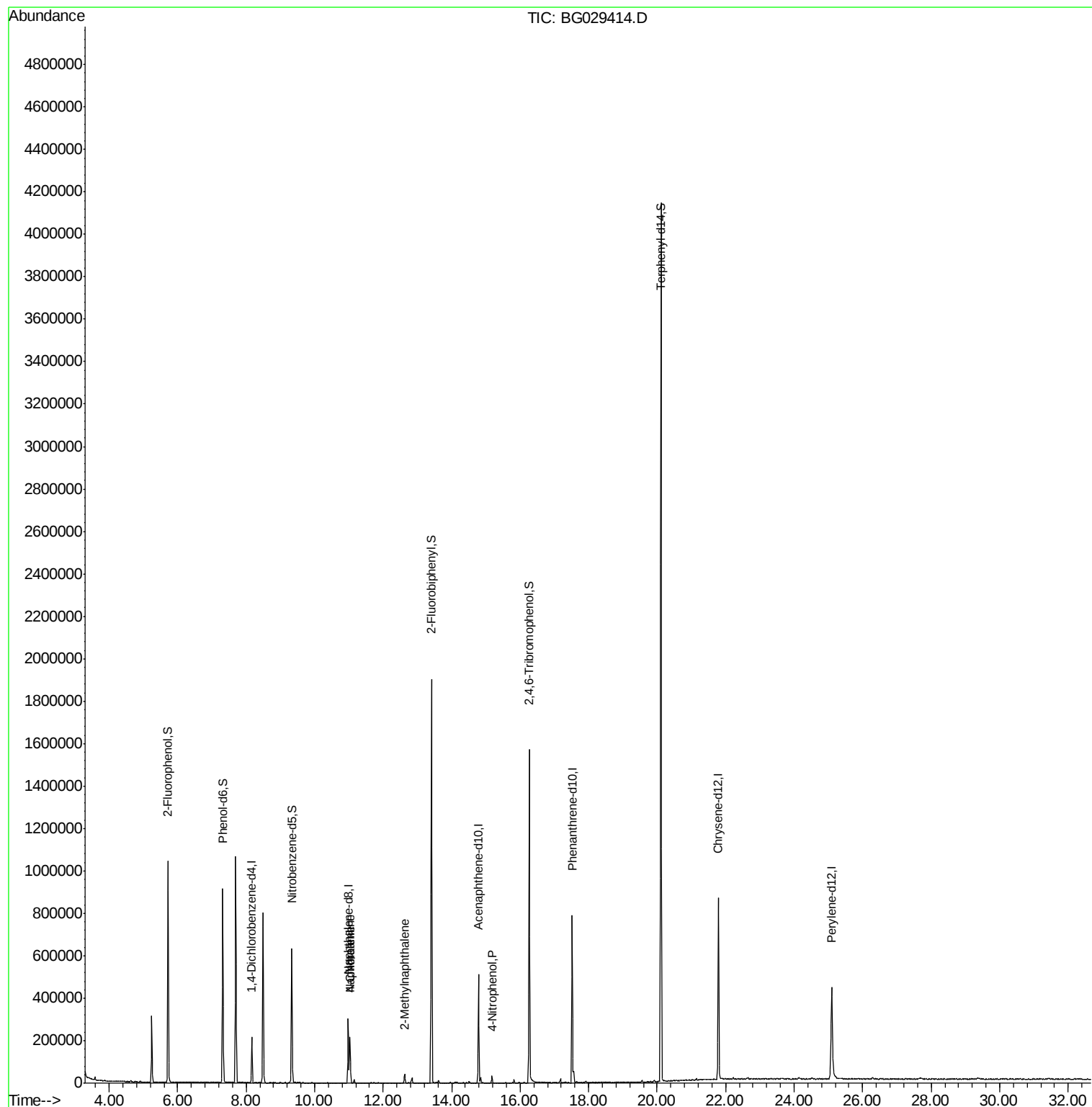
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61212	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	266797	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	178561	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	487479	20.00	ng	0.00
75) Chrysene-d12	21.79	240	556233	20.00	ng	-0.02
86) Perylene-d12	25.09	264	532392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	462030	126.09	ng	0.00
7) Phenol-d6	7.32	99	560181	108.92	ng	0.00
23) Nitrobenzene-d5	9.33	82	380392	90.60	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	318669	138.23	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1018778	83.68	ng	0.00
78) Terphenyl-d14	20.11	244	1916194	78.37	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	185323	13.94	ng	Qvalue 99
33) 4-Chloroaniline	11.03	127	25020	4.47	ng	# 32
37) 2-Methylnaphthalene	12.63	142	20592	2.12	ng	95
55) 4-Nitrophenol	15.18	139	8643	3.33	ng	# 1

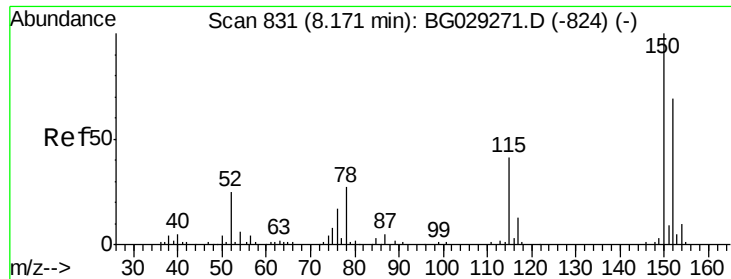
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

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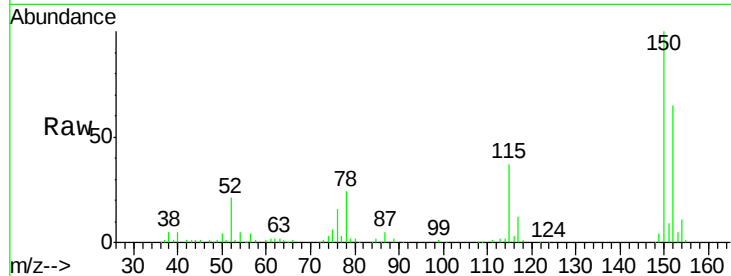
Tot Ion:152 Resp: 61212

Ion Ratio Lower Upper

152 100

150 153.4 126.6 189.8

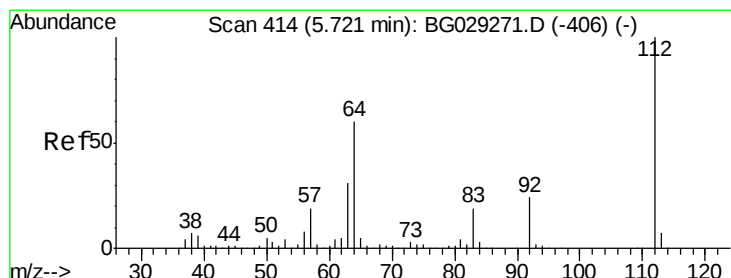
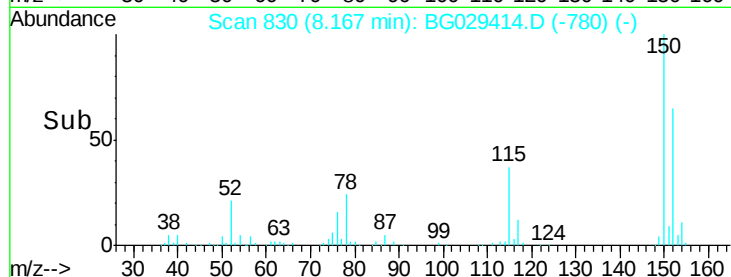
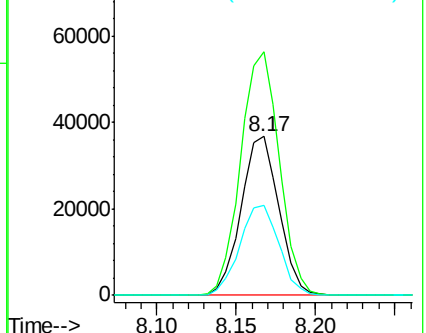
115 56.8 53.0 79.4



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: 126.09 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

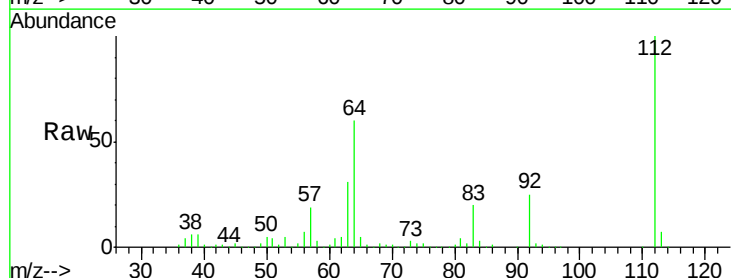
Tgt Ion:112 Resp: 462030

Ion Ratio Lower Upper

112 100

64 60.4 56.3 84.5

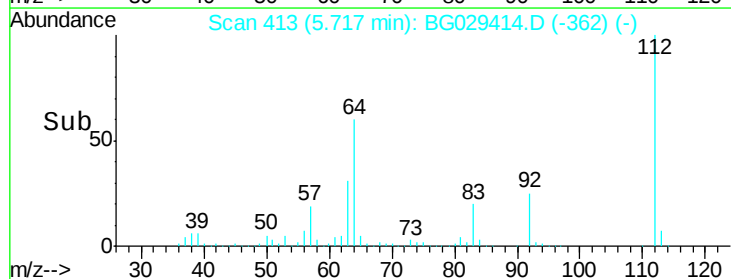
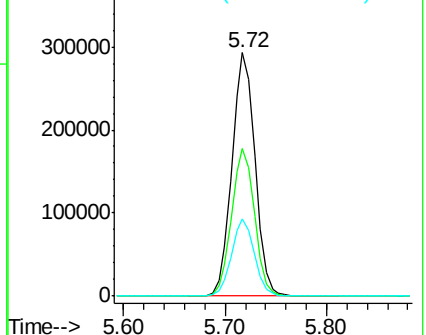
63 31.5 30.1 45.1

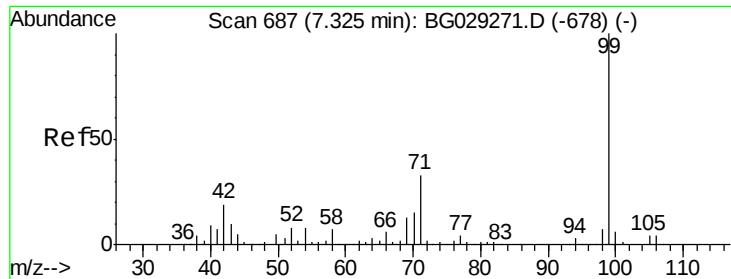


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.92 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

Instrument :

BNA_G

ClientSampleId :

72-11935-COMP

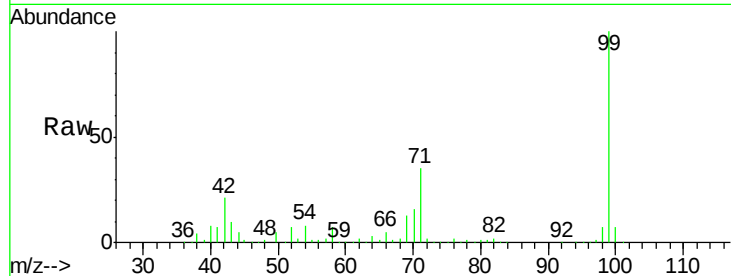
Tot Ion: 99 Resp: 560181

Ion Ratio Lower Upper

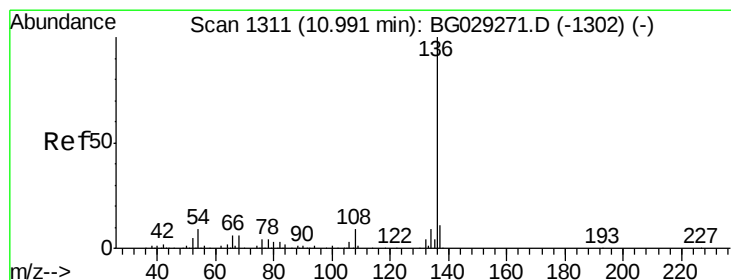
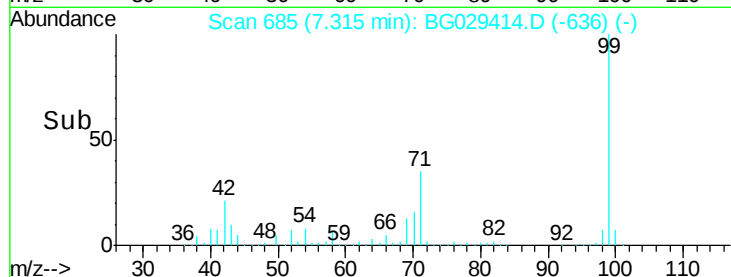
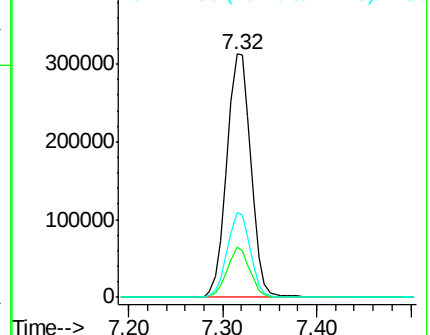
99 100

42 20.8 14.1 21.1

71 34.9 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: 20.00 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

Tgt Ion: 136 Resp: 266797

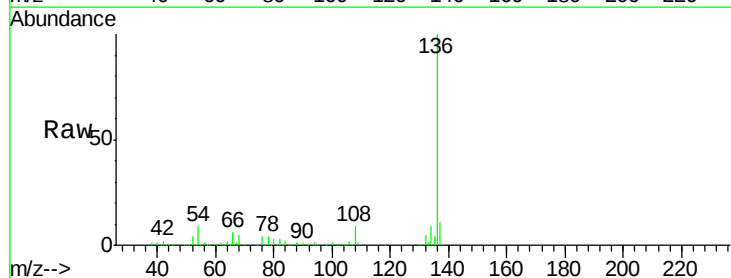
Ion Ratio Lower Upper

136 100

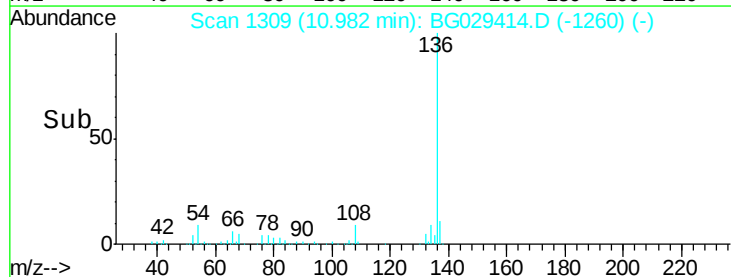
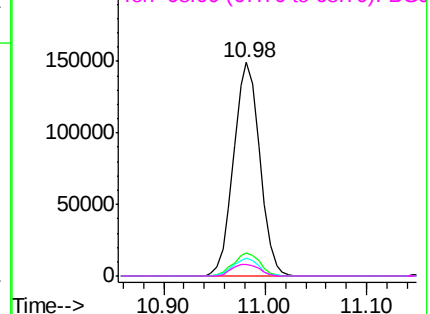
137 10.6 9.2 13.8

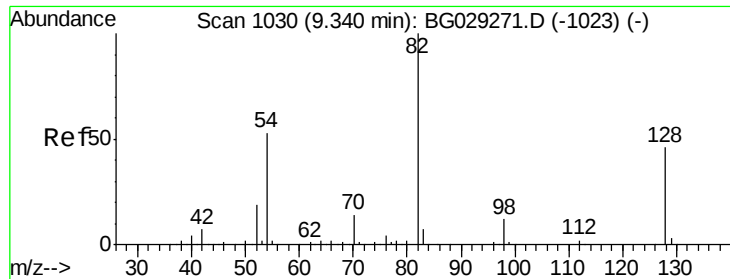
54 8.6 10.3 15.5#

68 5.4 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

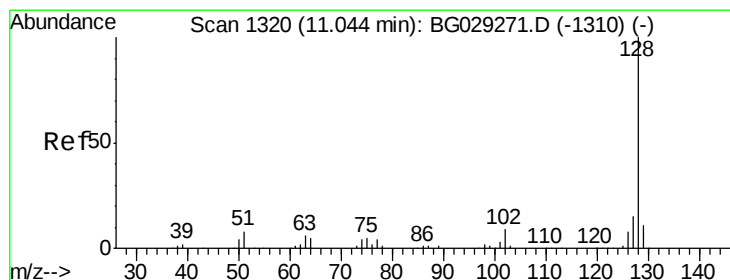
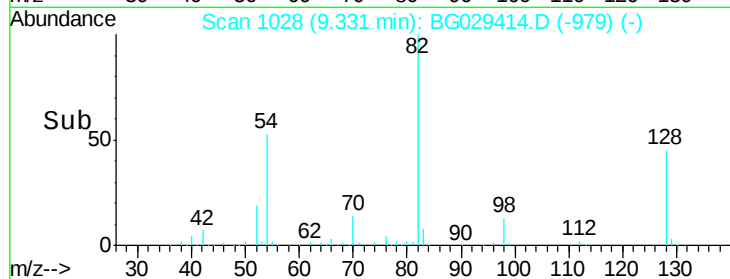
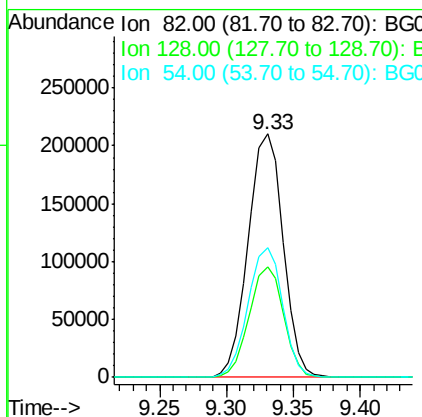
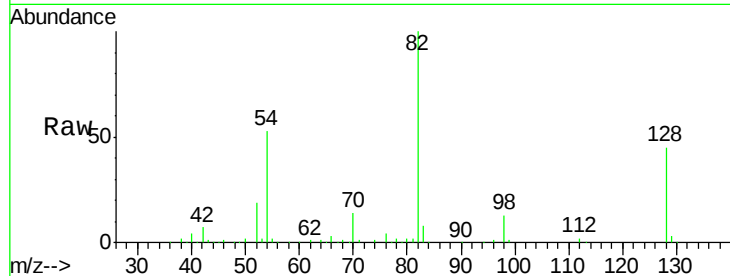




#23
 Nitrobenzene-d5
 Concen: 90.60 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

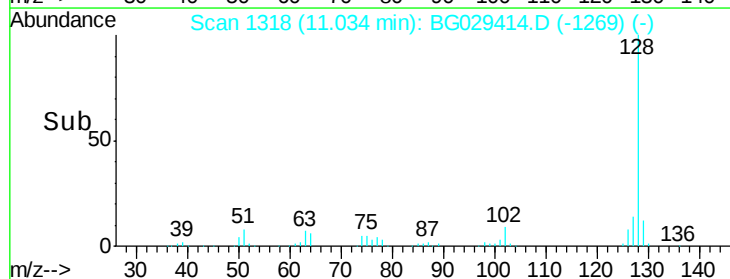
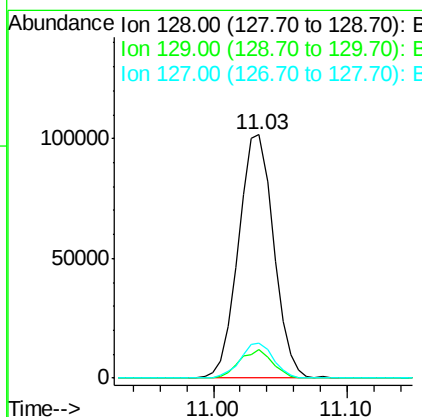
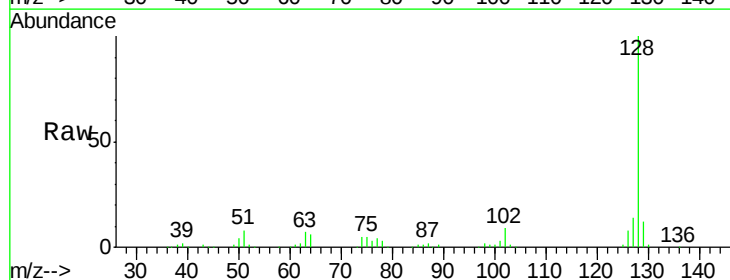
Instrument :
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 72-11935-COMP

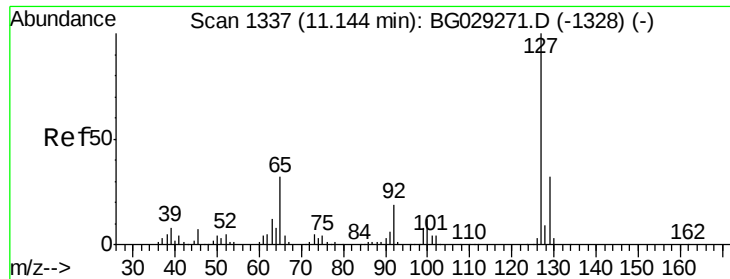
Tot Ion: 82 Resp: 380392
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 53.2 43.1 64.7



#31
 Naphthalene
 Concen: 13.94 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Tgt Ion: 128 Resp: 185323
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 12.8
 127 14.2 11.6 17.4

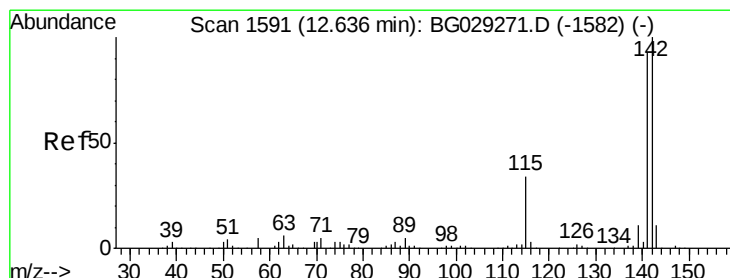
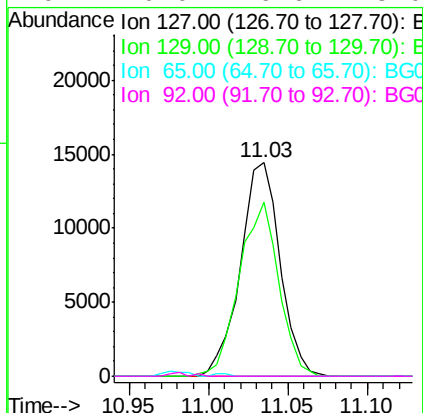
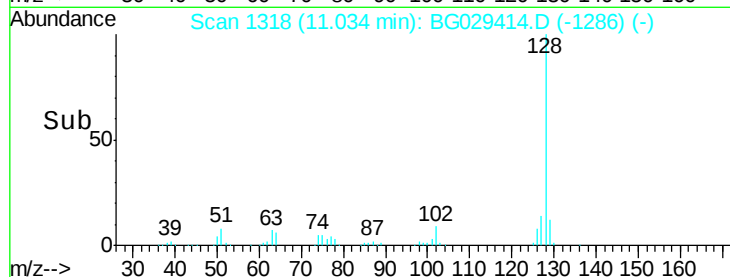
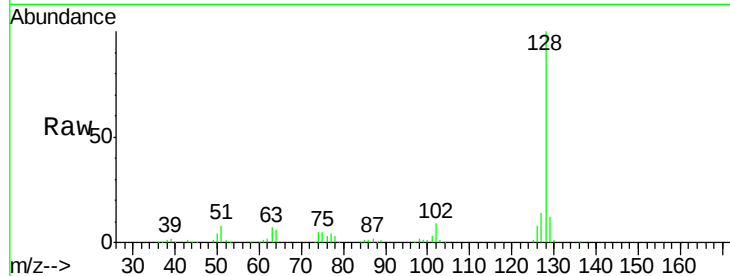




#33
4-Chloroaniline
Concen: 4.47 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.11 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

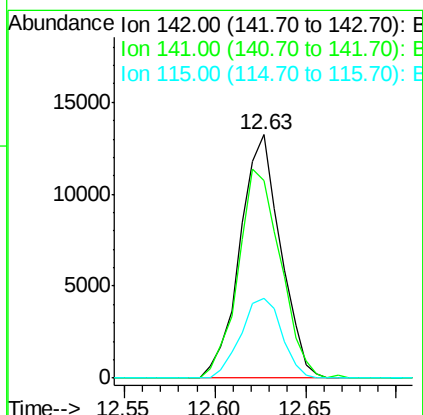
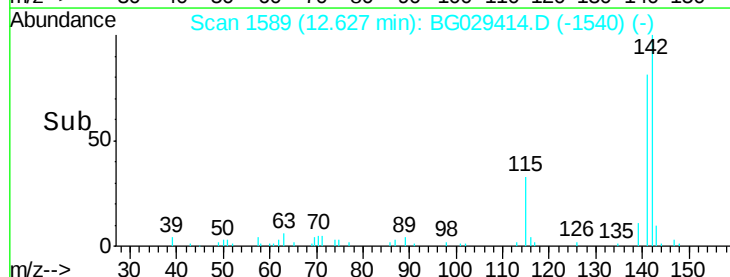
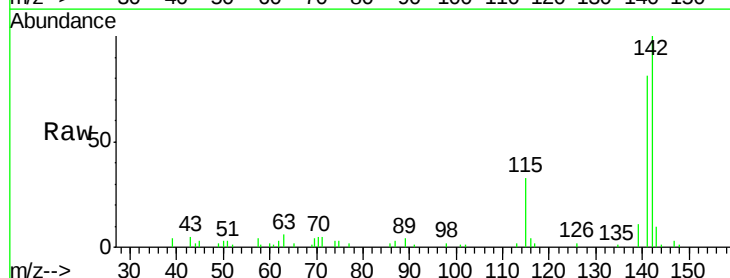
Instrument :
BNA_G
ClientSampleId :
72-11935-COMP

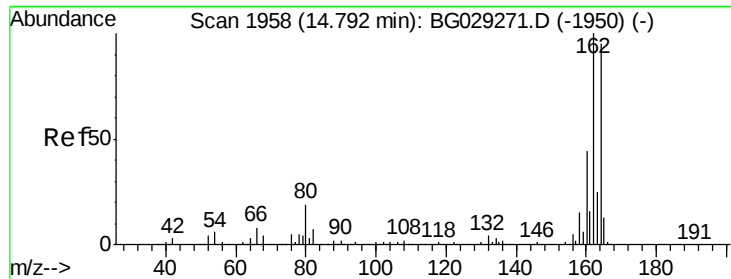
Tot Ion:127 Resp: 25020
Ion Ratio Lower Upper
127 100
129 81.7 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#37
2-Methylnaphthalene
Concen: 2.12 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Tgt Ion:142 Resp: 20592
Ion Ratio Lower Upper
142 100
141 81.2 67.1 100.7
115 32.6 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

Instrument :

BNA_G

ClientSampleId :

72-11935-COMP

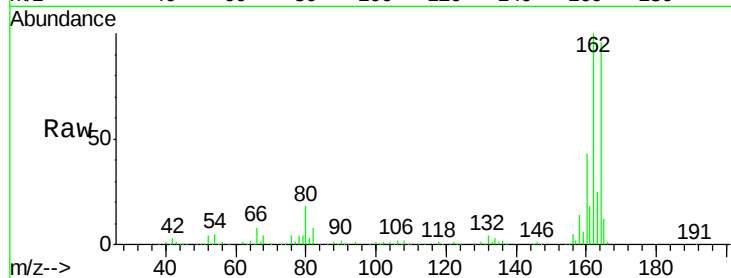
Tot Ion:164 Resp: 178561

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

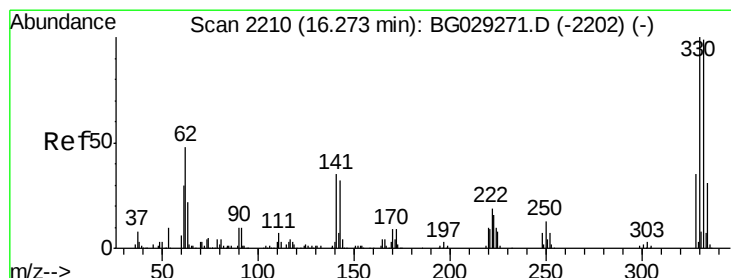
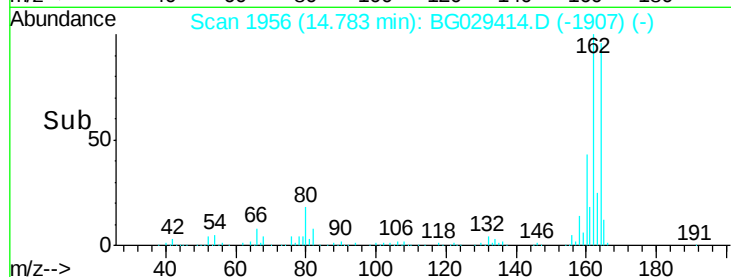
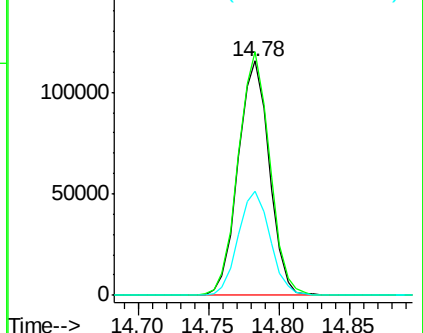
160 44.4 35.4 53.0



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: 138.23 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

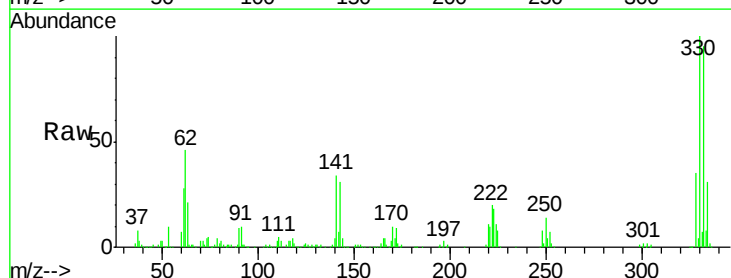
Tgt Ion:330 Resp: 318669

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

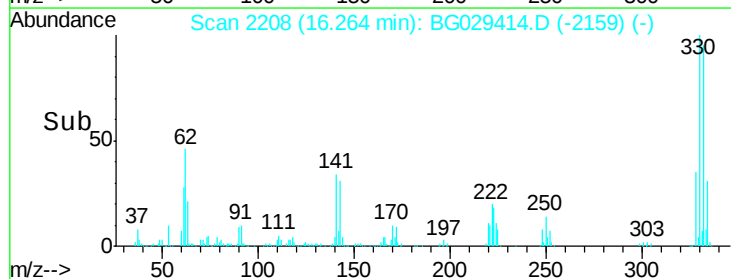
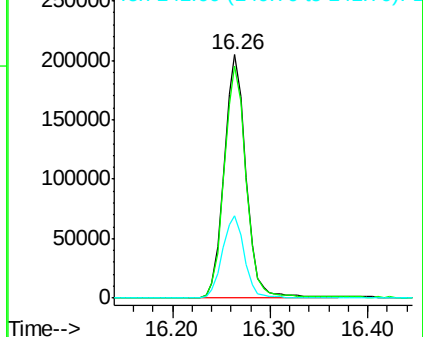
141 34.4 25.2 37.8

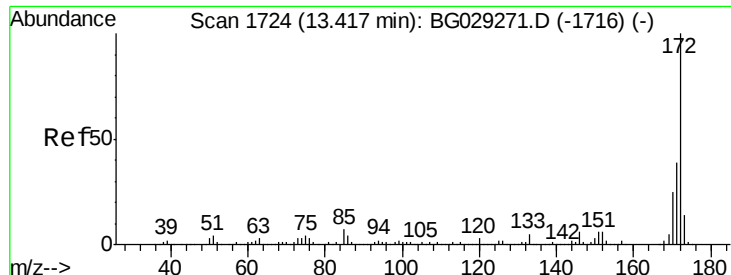


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

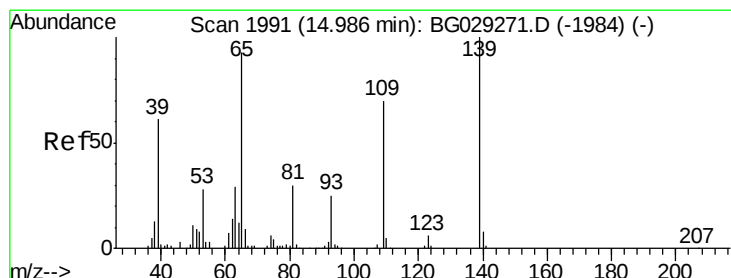
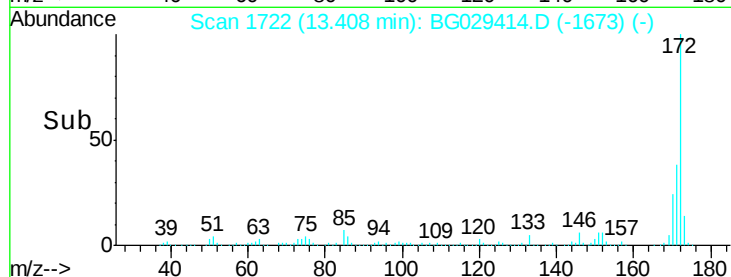
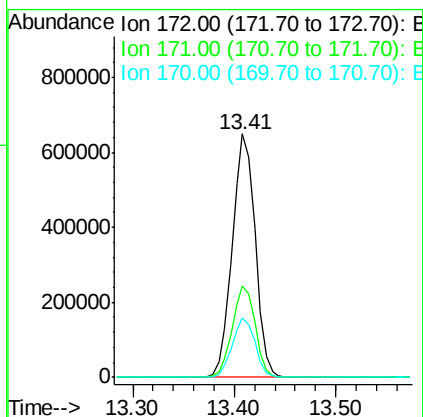
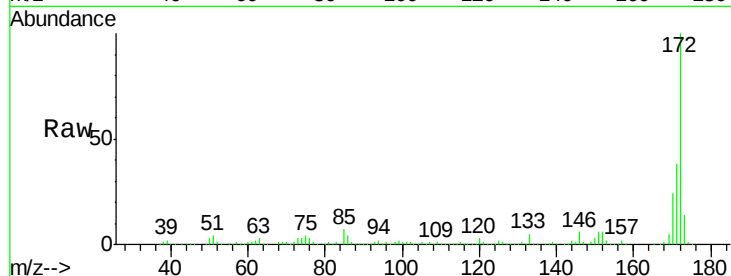




#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

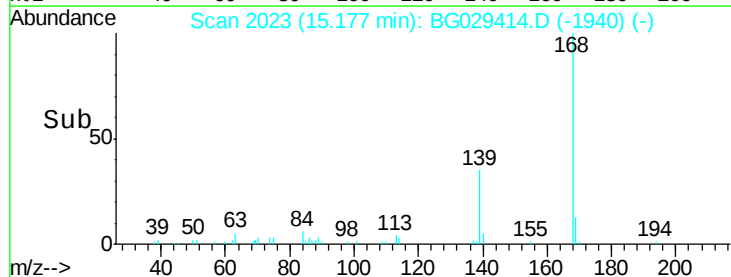
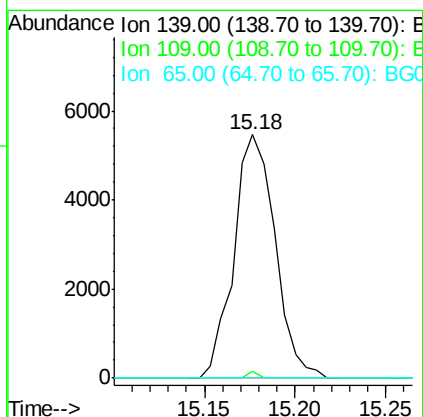
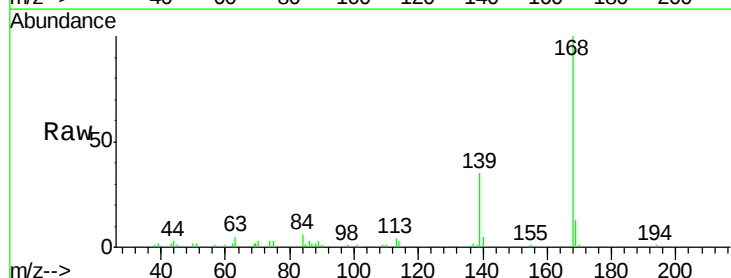
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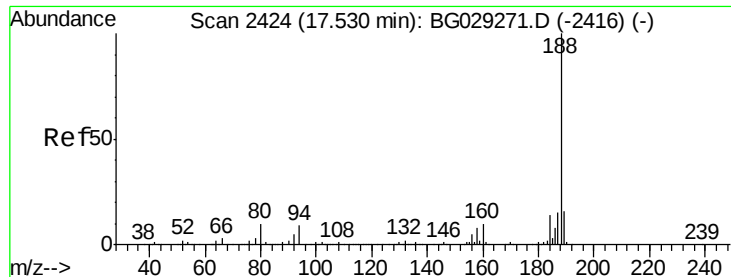
Tot Ion:172 Resp: 1018778
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.4 19.5 29.3



#55
 4-Nitrophenol
 Concen: 3.33 ng
 RT: 15.18 min Scan# 2023
 Delta R.T. 0.19 min
 Lab File: BG029414.D
 Acq: 24 Oct 2017 00:50

Tgt Ion:139 Resp: 8643
 Ion Ratio Lower Upper
 139 100
 109 3.0 62.2 102.2#
 65 0.0 97.2 137.2#

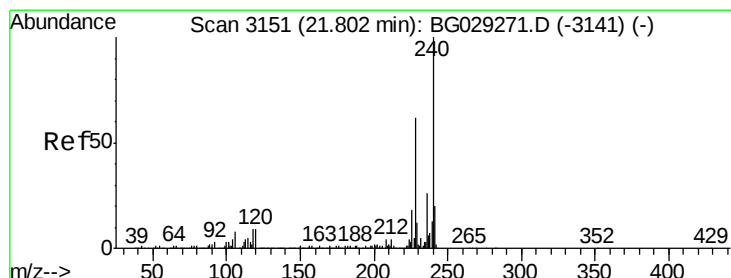
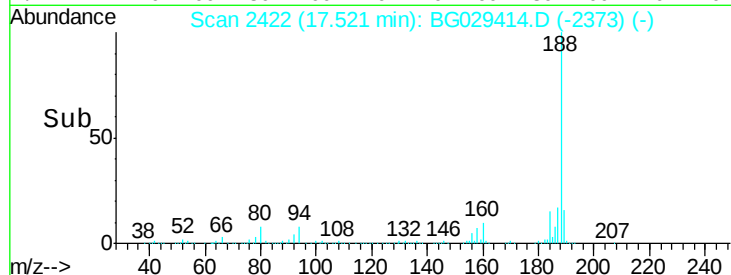
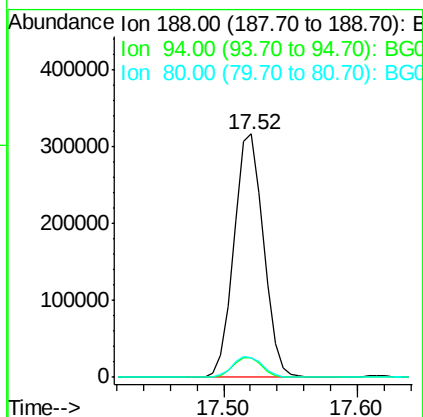
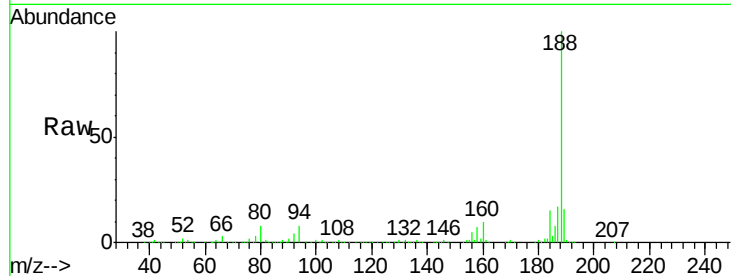




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

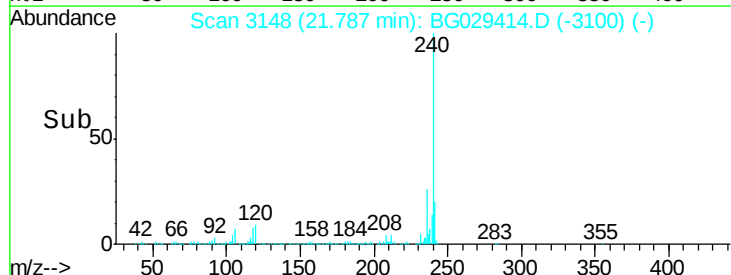
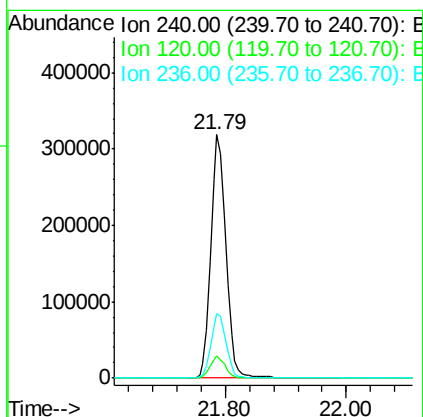
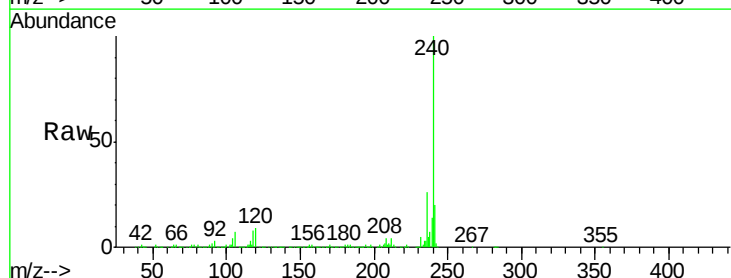
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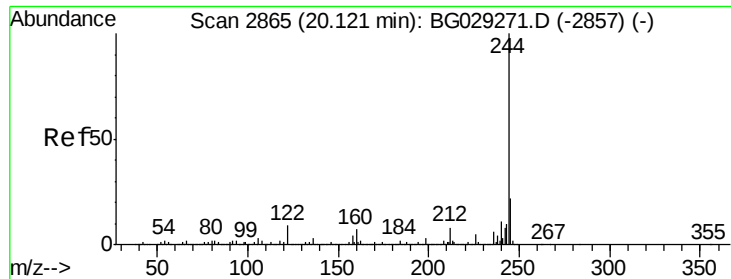
Tot Ion:188 Resp: 487479
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG029414.D
Acq: 24 Oct 2017 00:50

Tgt Ion:240 Resp: 556233
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 78.37 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

Instrument :

BNA_G

ClientSampleId :

72-11935-COMP

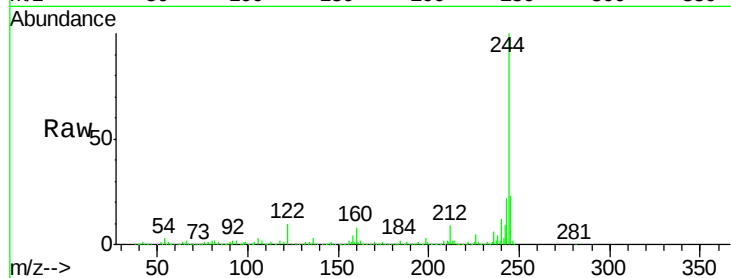
Tot Ion:244 Resp: 1916194

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

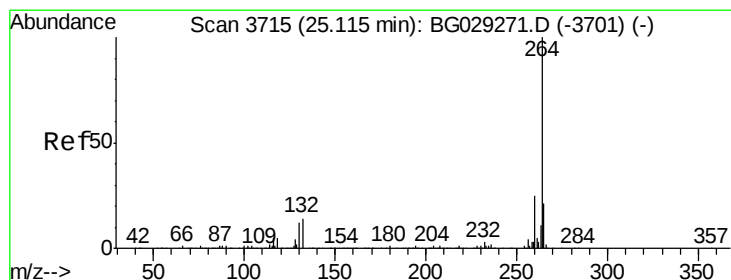
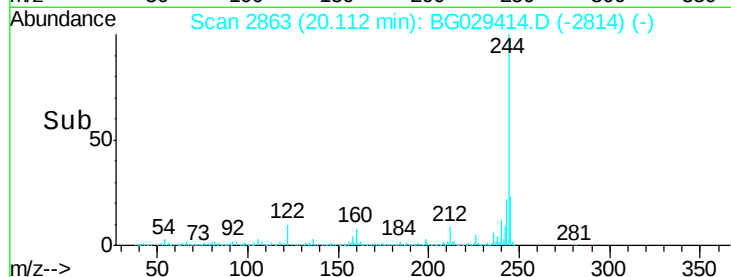
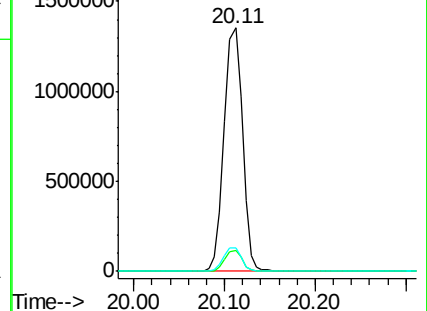
122 9.7 7.0 10.4



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

Perylene-d12

Concen: 20.00 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029414.D

Acq: 24 Oct 2017 00:50

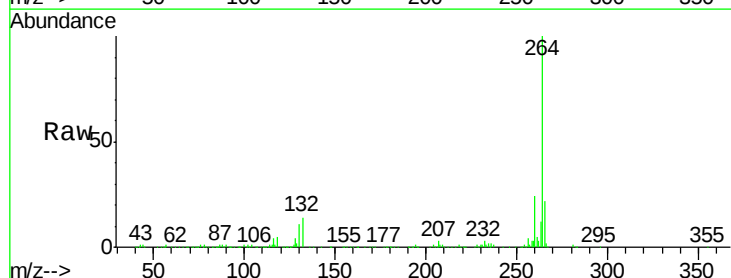
Tgt Ion:264 Resp: 532392

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.5 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

