

Data File : BG030973.D
Acq On : 13 Nov 2017 15:09
Operator : SJ/JU
Sample : PB104186BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104186BL

Quant Time: Nov 14 04:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41528	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	164354	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	110793	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	312449	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	413234	20.00	ng	-0.02
86) Perylene-d12	25.06	264	409155	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	318735	131.61	ng	0.00
7) Phenol-d6	7.31	99	390536	119.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	234160	84.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	268694	149.92	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	689220	89.39	ng	-0.02
78) Terphenyl-d14	20.09	244	1543167	82.46	ng	-0.01

Target Compounds Qvalue

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

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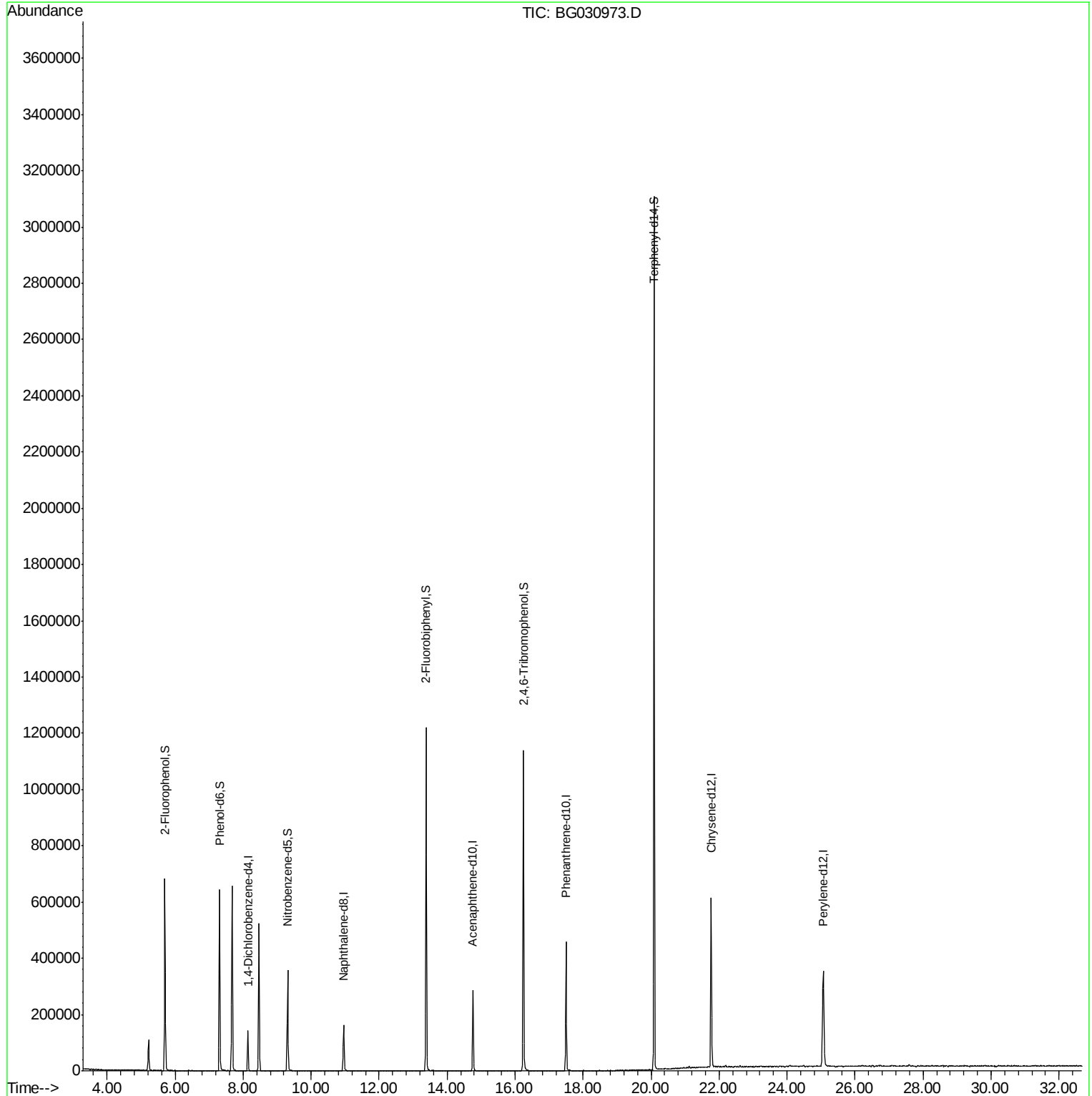
Quant Time: Nov 14 04:49:38 2017

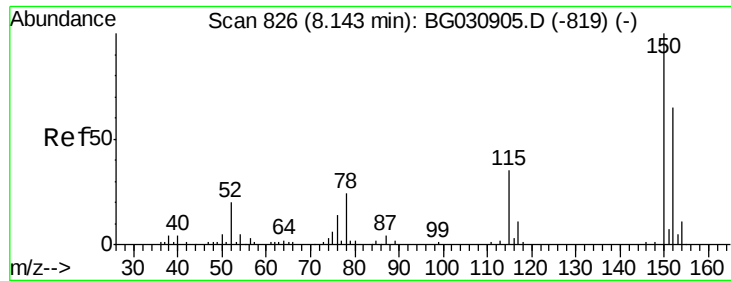
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

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QLast Update : Fri Nov 10 15:38:25 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

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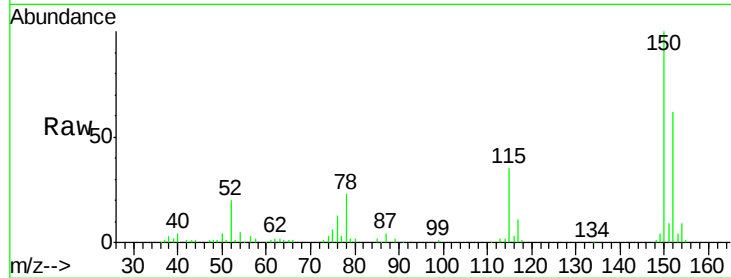
Tgt Ion:152 Resp: 41528

Ion Ratio Lower Upper

152 100

150 162.4 126.6 189.8

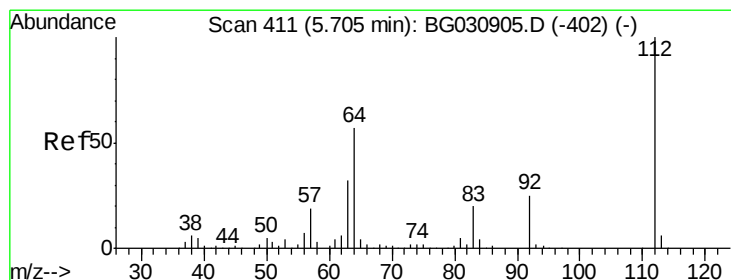
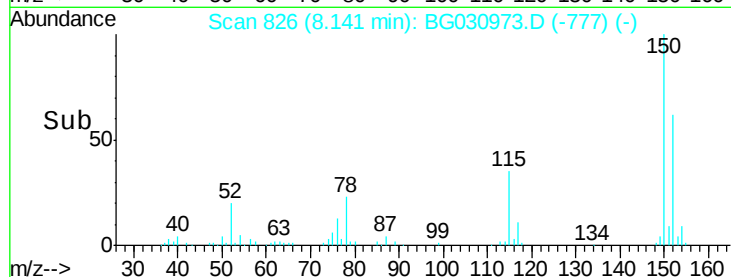
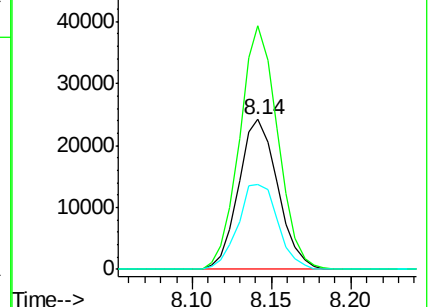
115 56.3 53.0 79.4



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: 131.61 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

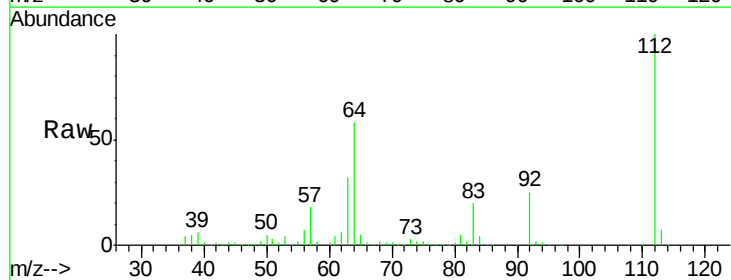
Tgt Ion:112 Resp: 318735

Ion Ratio Lower Upper

112 100

64 58.1 56.3 84.5

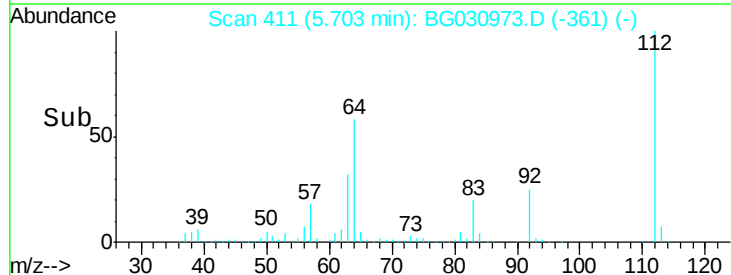
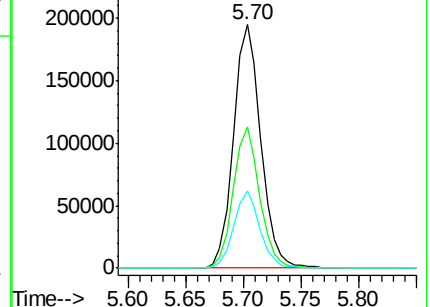
63 31.9 30.1 45.1

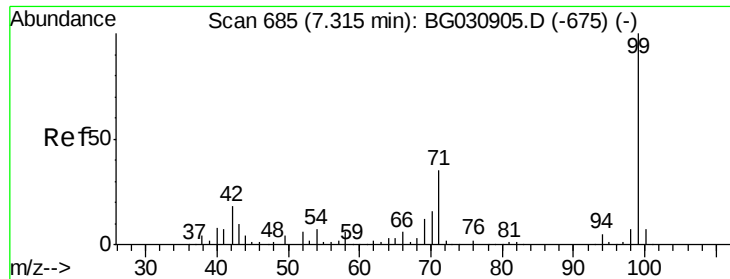


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.70 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

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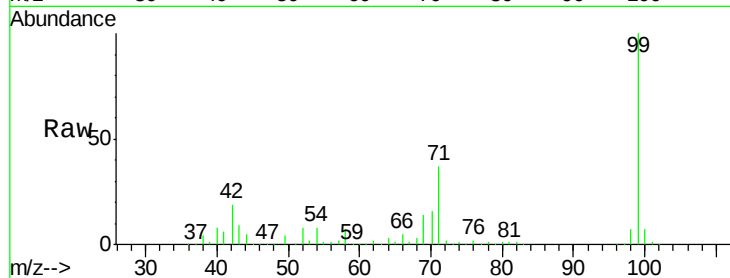
Tgt Ion: 99 Resp: 390536

Ion Ratio Lower Upper

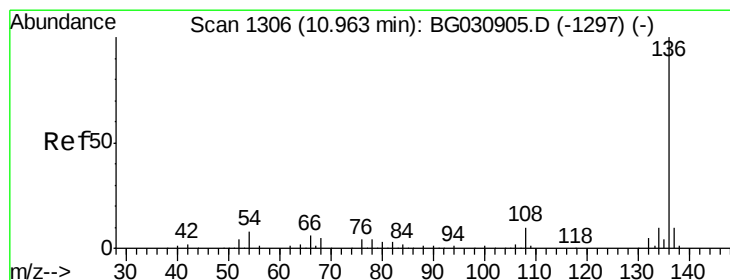
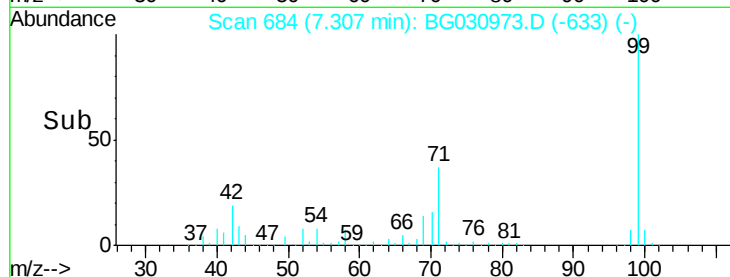
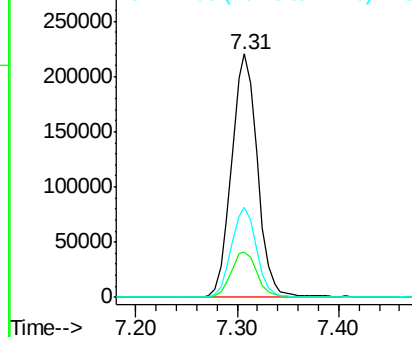
99 100

42 18.8 14.1 21.1

71 36.8 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Tgt Ion: 136 Resp: 164354

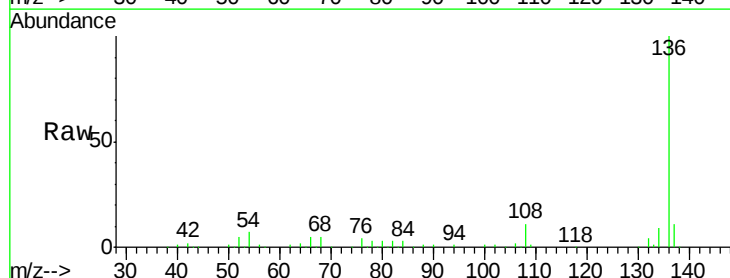
Ion Ratio Lower Upper

136 100

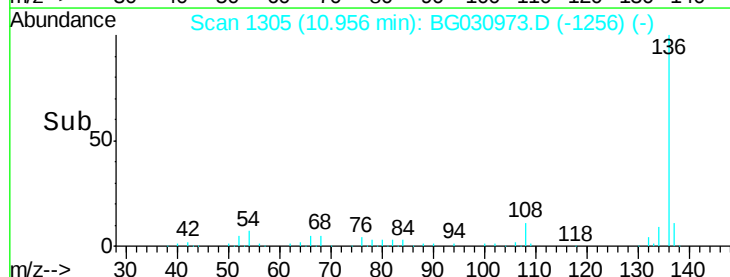
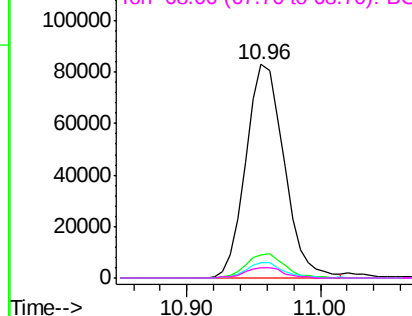
137 10.9 9.2 13.8

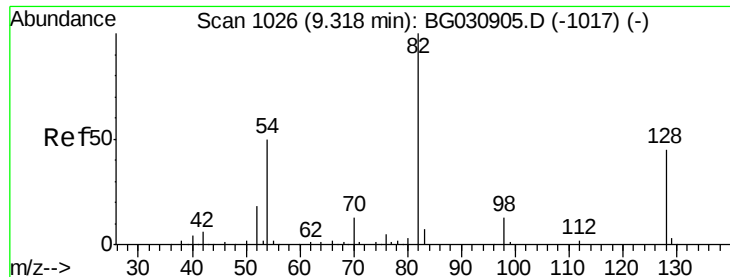
54 7.0 10.3 15.5#

68 4.9 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

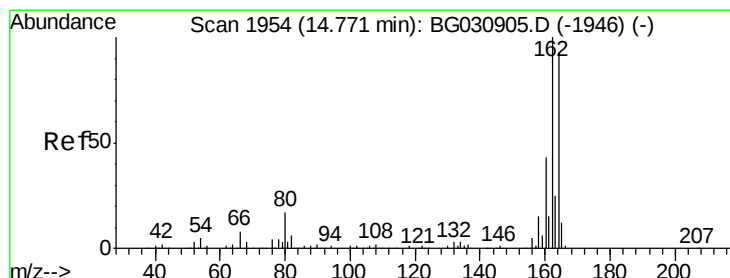
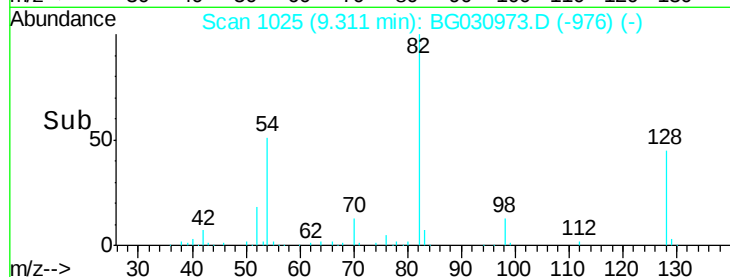
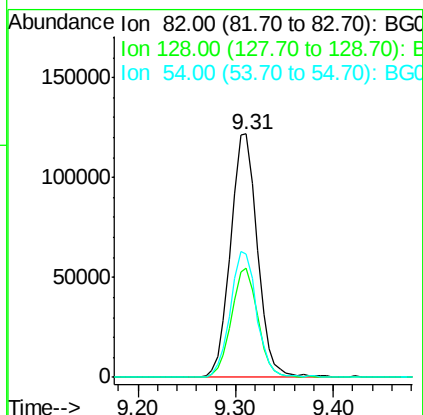
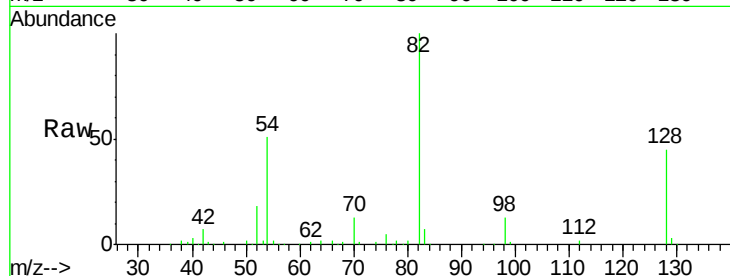




#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

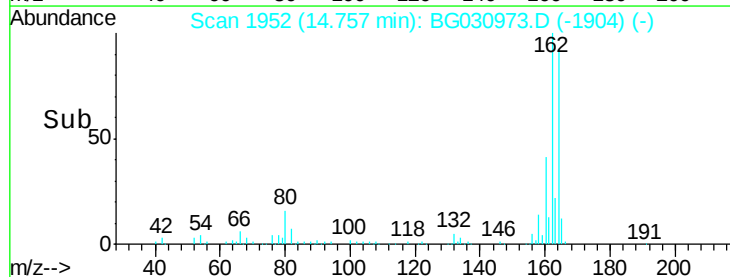
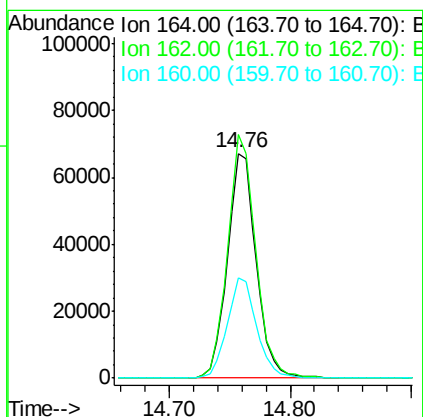
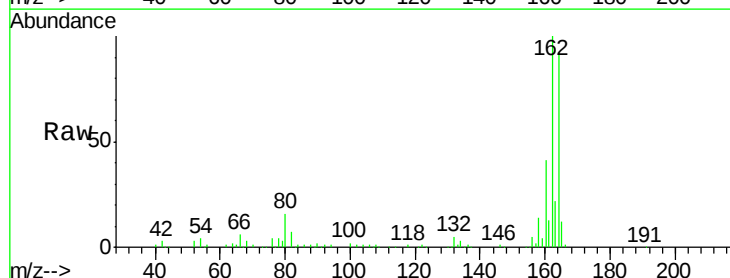
Instrument :
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 PB104186BL

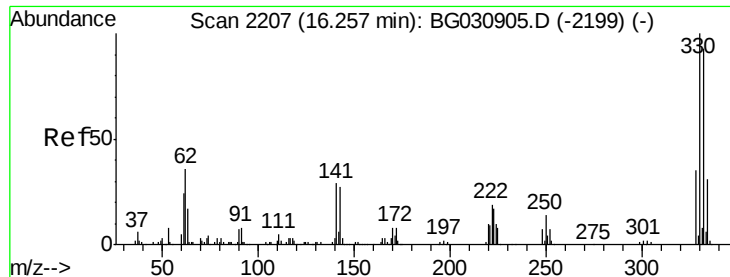
Tgt Ion: 82 Resp: 234160
 Ion Ratio Lower Upper
 82 100
 128 45.0 29.7 44.5#
 54 50.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

Tgt Ion: 164 Resp: 110793
 Ion Ratio Lower Upper
 164 100
 162 108.3 78.8 118.2
 160 44.8 35.4 53.0

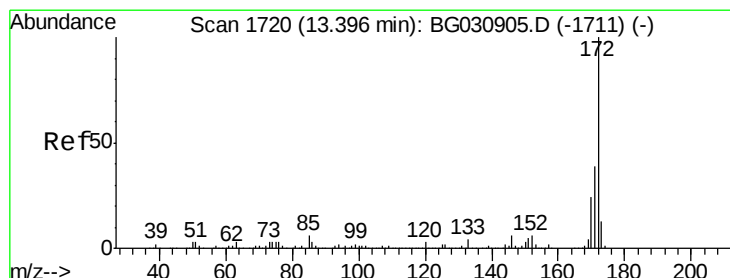
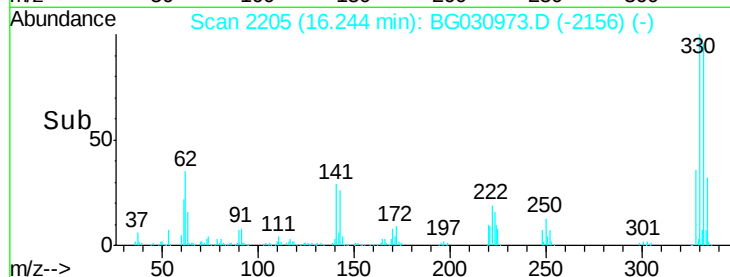
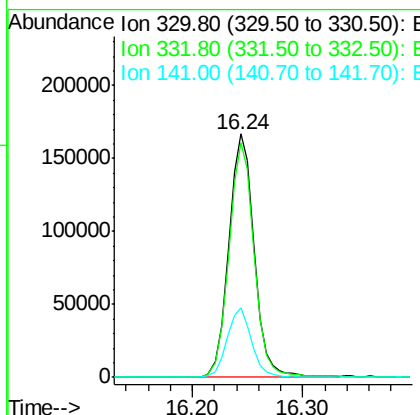
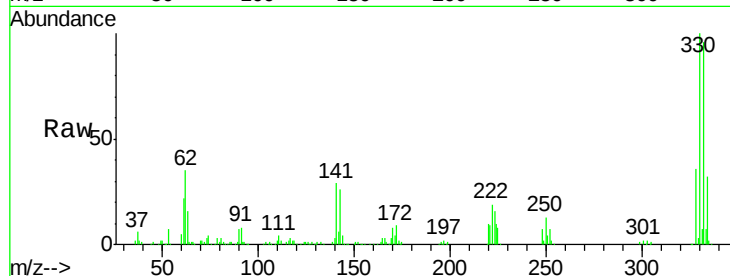




#41
 2,4,6-Tribromophenol
 Concen: 149.92 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

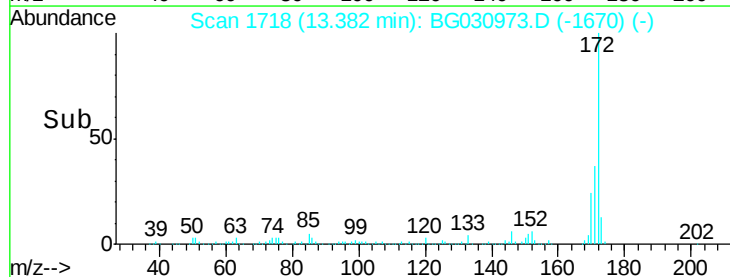
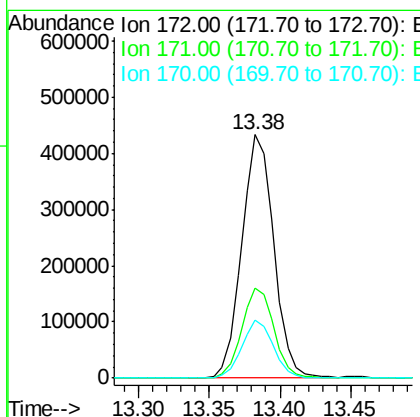
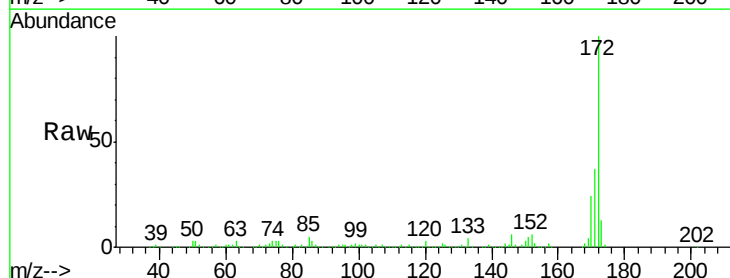
Instrument :
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 ClientSampleId :
 PB104186BL

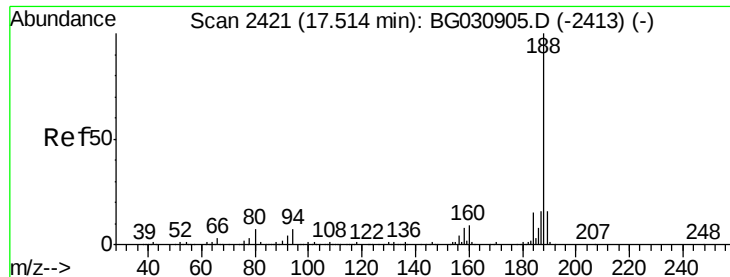
Tgt Ion:330 Resp: 268694
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 28.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 89.39 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030973.D
 Acq: 13 Nov 2017 15:09

Tgt Ion:172 Resp: 689220
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.6 19.5 29.3

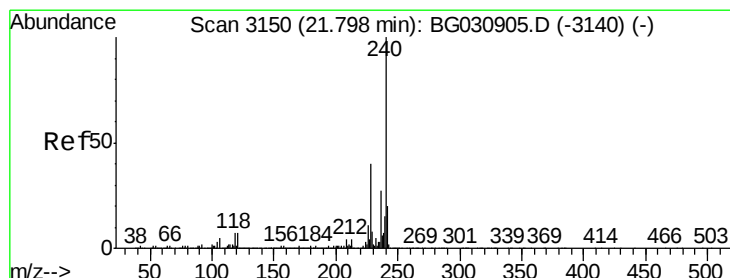
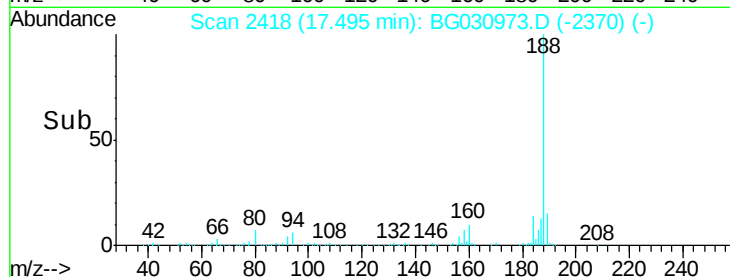
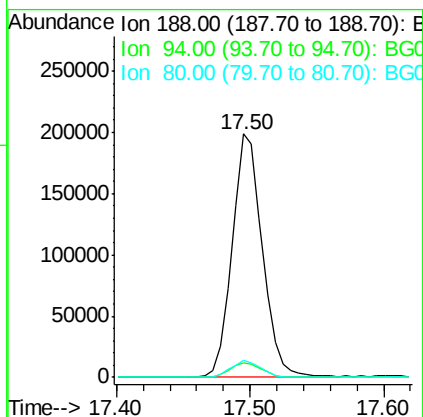
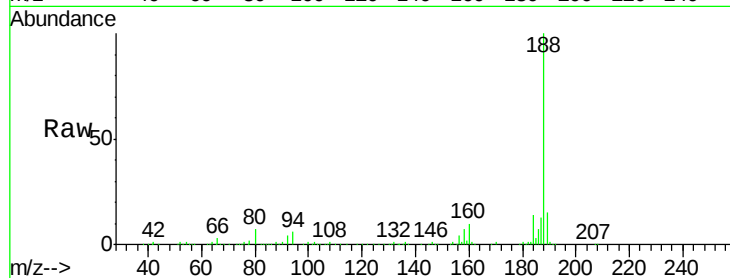




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG030973.D
Acq: 13 Nov 2017 15:09

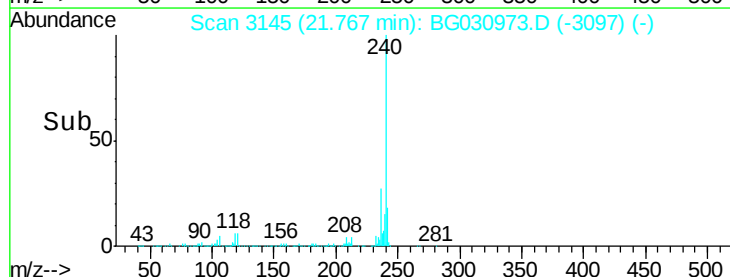
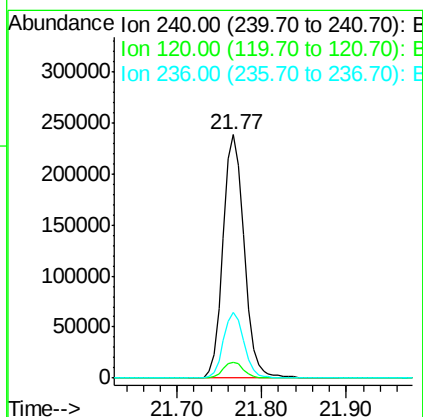
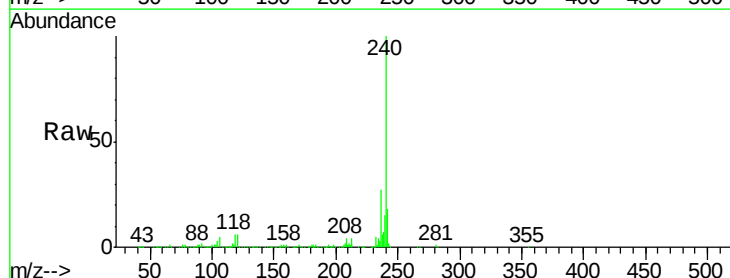
Instrument :
BNA_G
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Tgt Ion:188 Resp: 312449
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 6.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030973.D
Acq: 13 Nov 2017 15:09

Tgt Ion:240 Resp: 413234
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 82.46 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

Instrument :

BNA_G

ClientSampleId :

PB104186BL

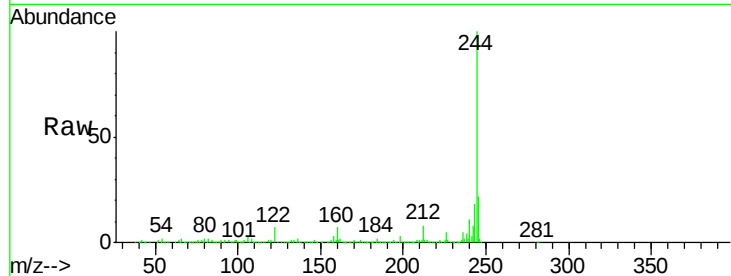
Tgt Ion:244 Resp: 1543167

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

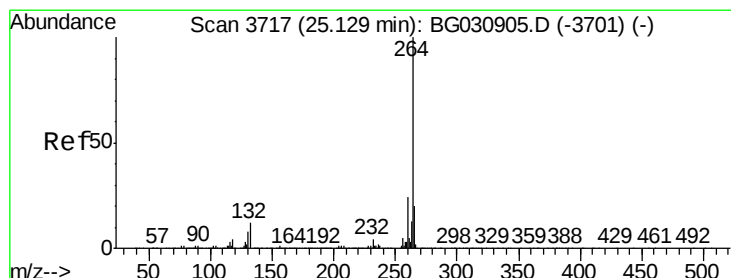
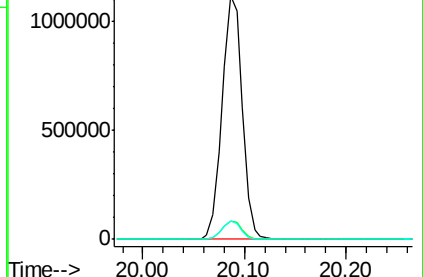
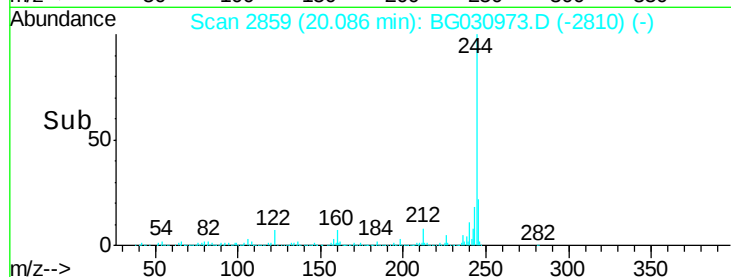
122 7.3 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG030973.D

Acq: 13 Nov 2017 15:09

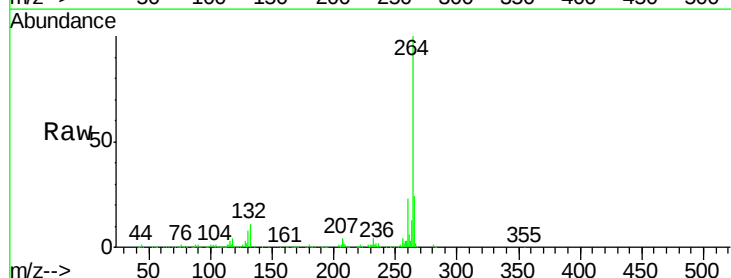
Tgt Ion:264 Resp: 409155

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 23.5 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

