

Data File : BG025935.D
Acq On : 24 Feb 2017 16:59
Operator : SJ/MA
Sample : PB97155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97155BL

Quant Time: Feb 24 22:38:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	78474	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	353281	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	224875	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	638955	20.00	ng	0.00
75) Chrysene-d12	21.66	240	741235	20.00	ng	-0.02
86) Perylene-d12	24.87	264	718774	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	645327	143.17	ng	0.00
7) Phenol-d6	7.23	99	874591	131.12	ng	0.00
23) Nitrobenzene-d5	9.24	82	458327	81.87	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	383022	184.36	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1251892	97.28	ng	0.00
78) Terphenyl-d14	20.01	244	2218929	72.81	ng	0.00

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

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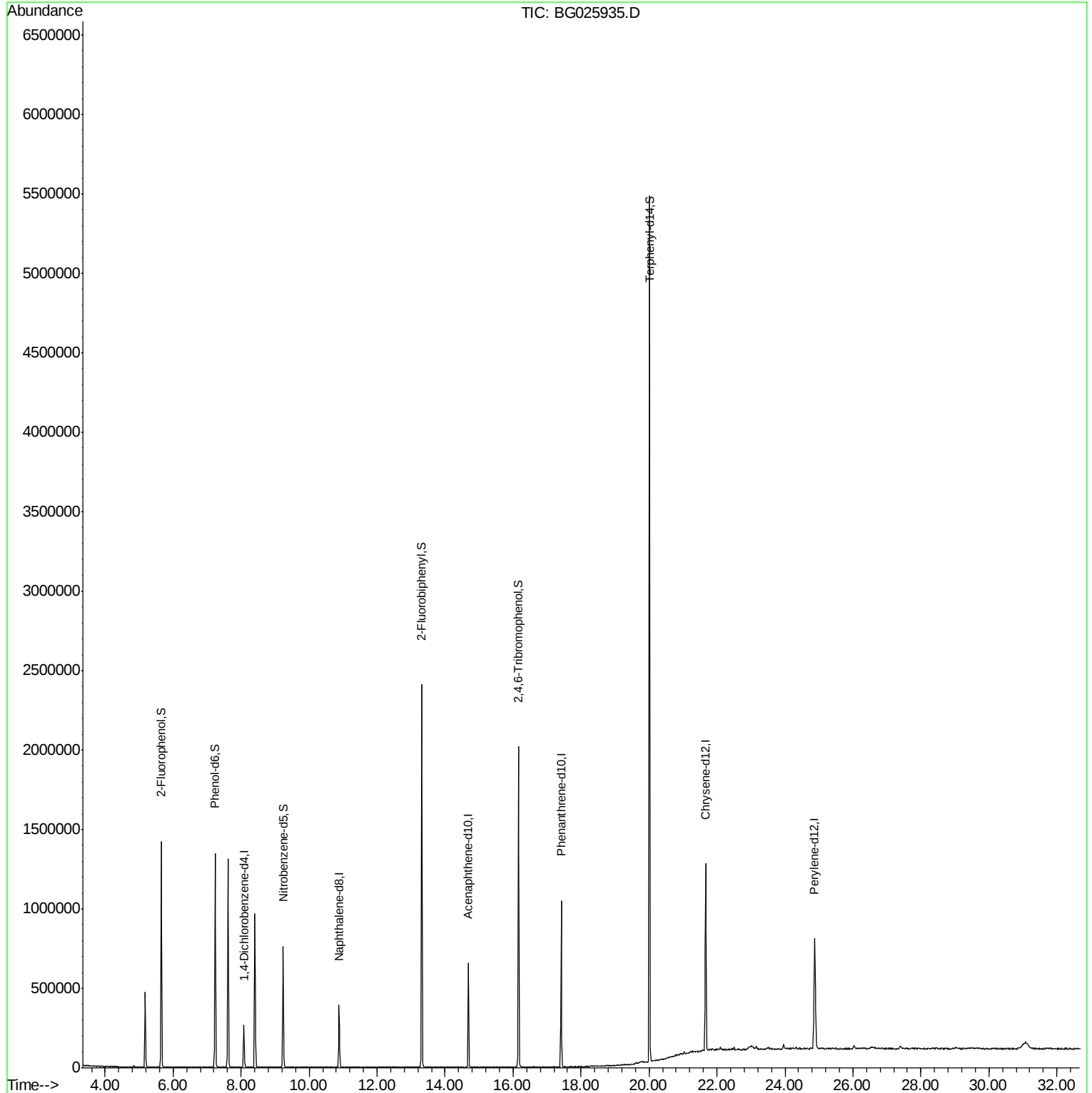
Quant Time: Feb 24 22:38:15 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 808

Delta R.T. -0.00 min

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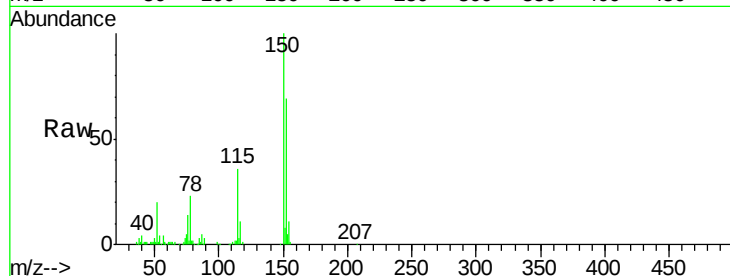
Tgt Ion:152 Resp: 78474

Ion Ratio Lower Upper

152 100

150 145.6 114.0 171.0

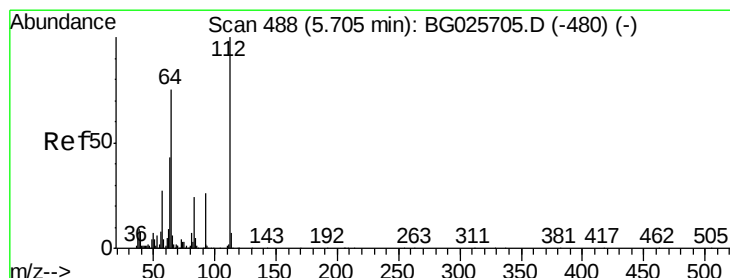
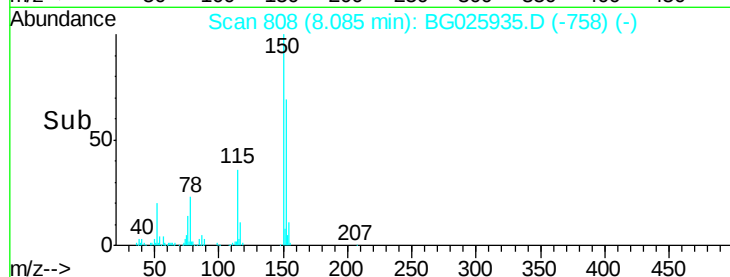
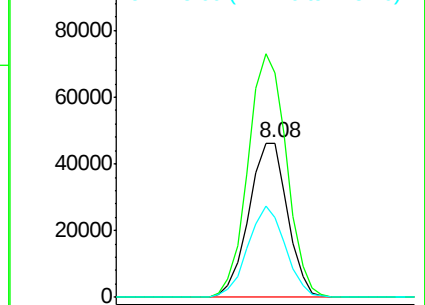
115 51.8 48.1 72.1



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: 143.17 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025935.D

Acq: 24 Feb 2017 16:59

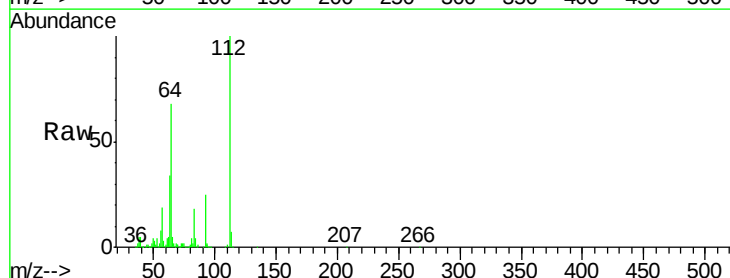
Tgt Ion:112 Resp: 645327

Ion Ratio Lower Upper

112 100

64 67.6 61.8 92.6

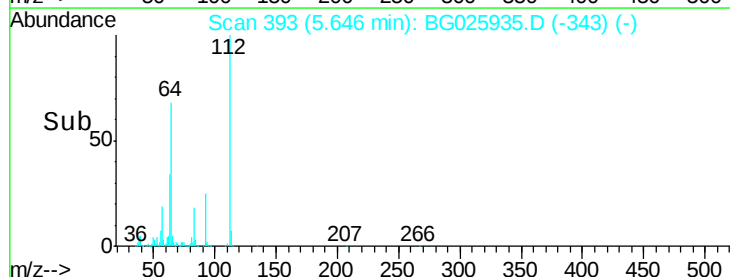
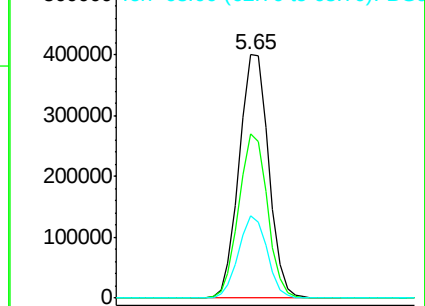
63 33.6 37.2 55.8#

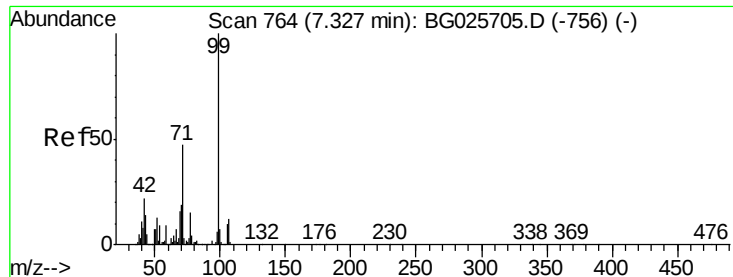


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.12 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

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Instrument :

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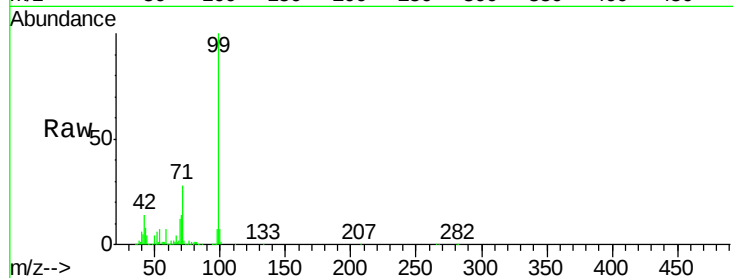
Tgt Ion: 99 Resp: 874591

Ion Ratio Lower Upper

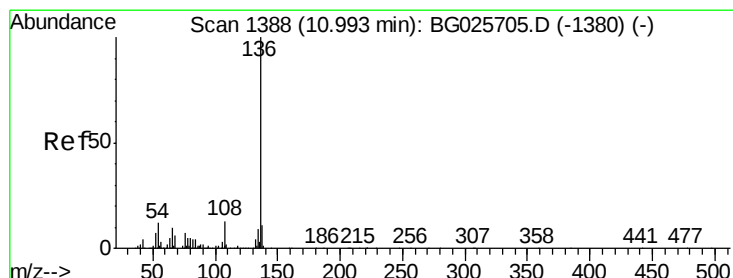
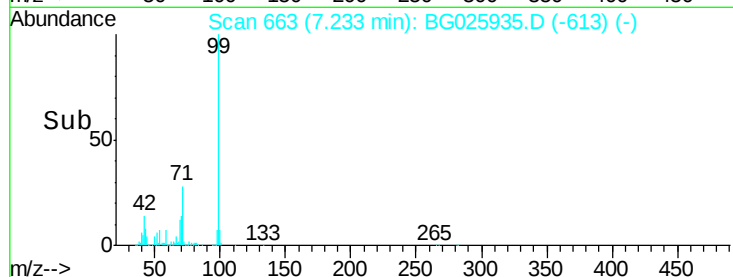
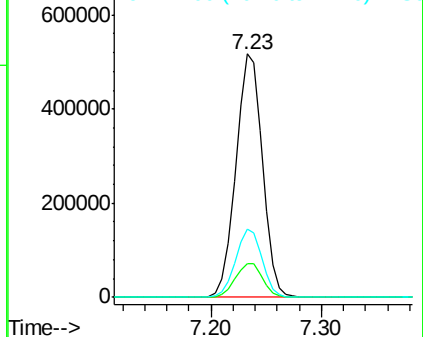
99 100

42 14.0 20.5 30.7#

71 28.1 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: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025935.D

Acq: 24 Feb 2017 16:59

Tgt Ion: 136 Resp: 353281

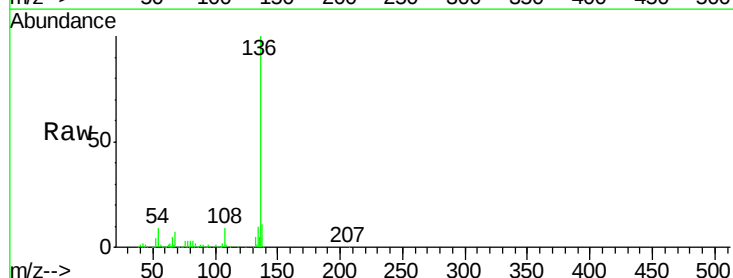
Ion Ratio Lower Upper

136 100

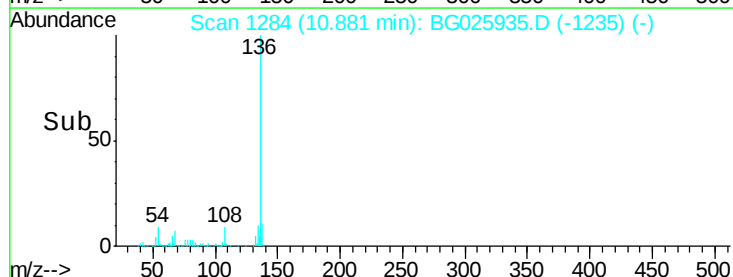
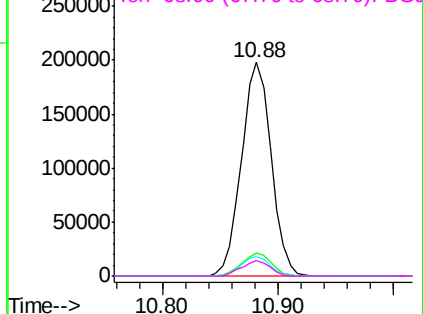
137 10.6 8.9 13.3

54 9.3 9.3 13.9#

68 7.0 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

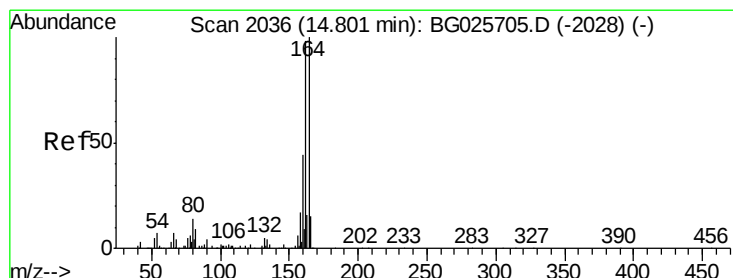
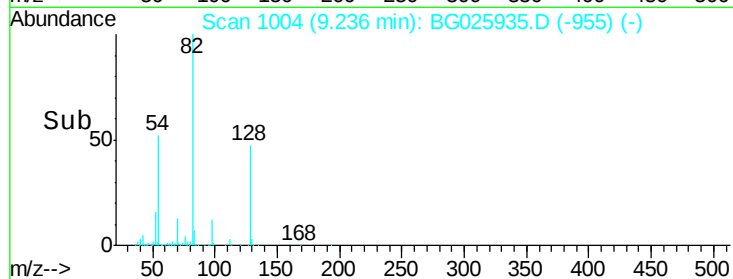
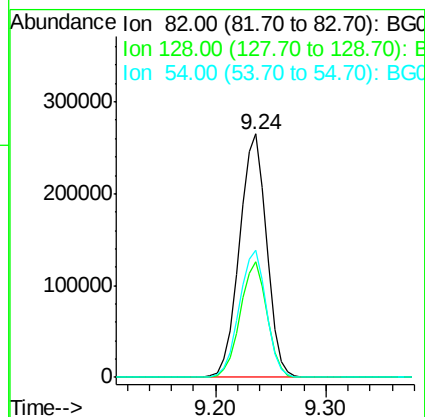
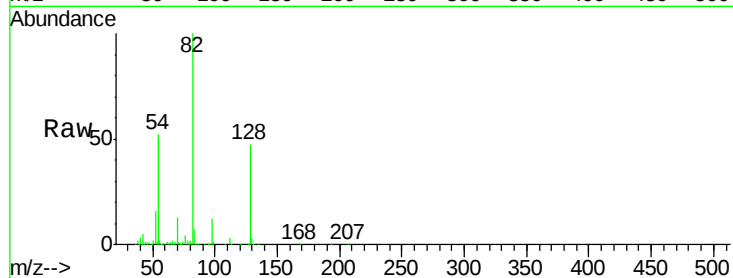




#23
 Nitrobenzene-d5
 Concen: 81.87 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025935.D
 Acq: 24 Feb 2017 16:59

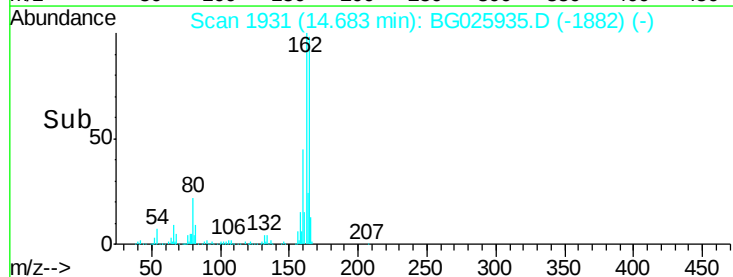
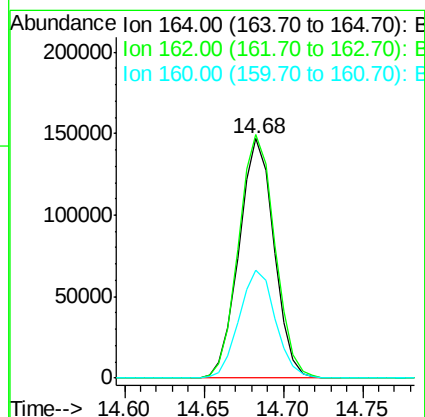
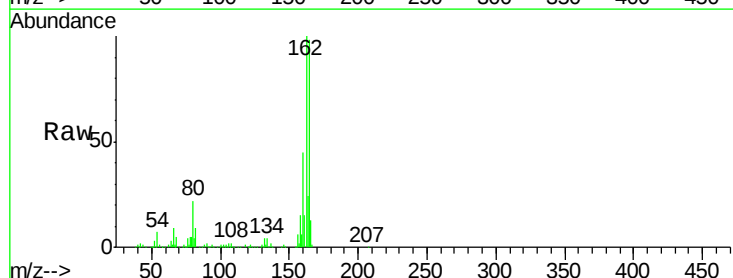
Instrument :
 BNA_G
 ClientSampleId :
 PB97155BL

Tgt Ion: 82 Resp: 458327
 Ion Ratio Lower Upper
 82 100
 128 47.2 26.4 39.6#
 54 52.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025935.D
 Acq: 24 Feb 2017 16:59

Tgt Ion: 164 Resp: 224875
 Ion Ratio Lower Upper
 164 100
 162 101.6 85.1 127.7
 160 45.3 34.7 52.1

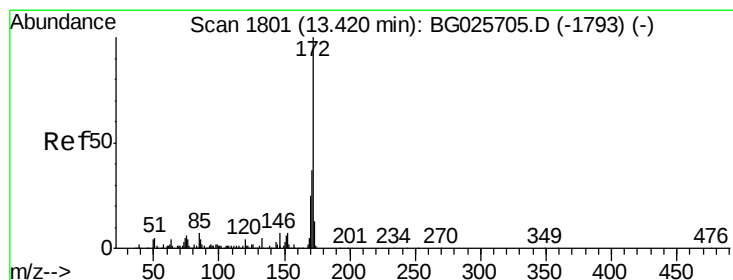
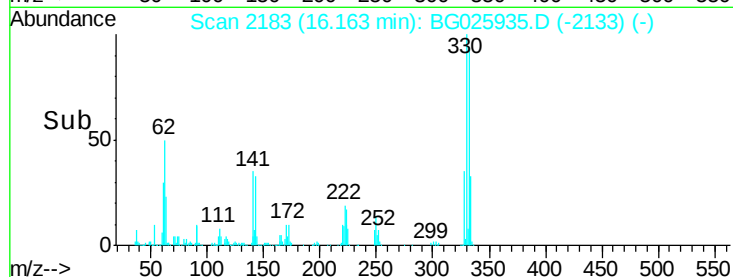
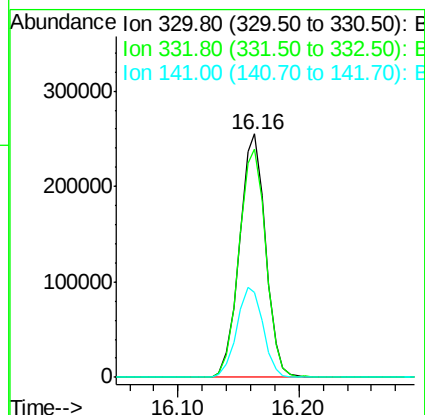
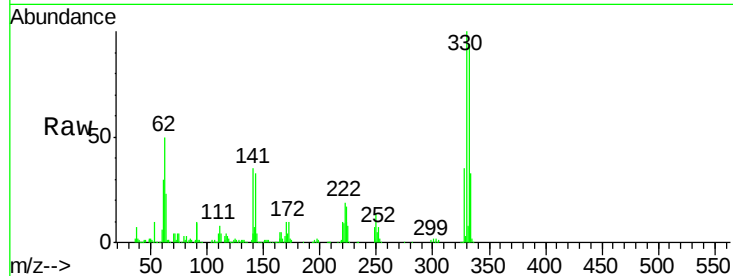




#41
 2,4,6-Tribromophenol
 Concen: 184.36 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025935.D
 Acq: 24 Feb 2017 16:59

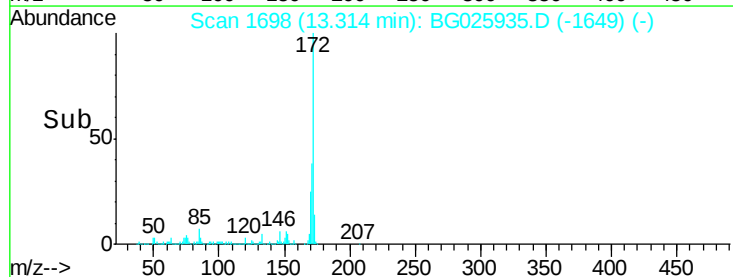
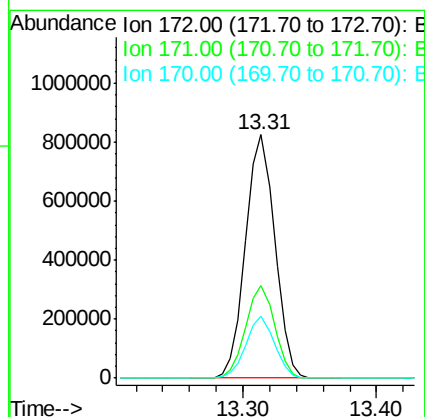
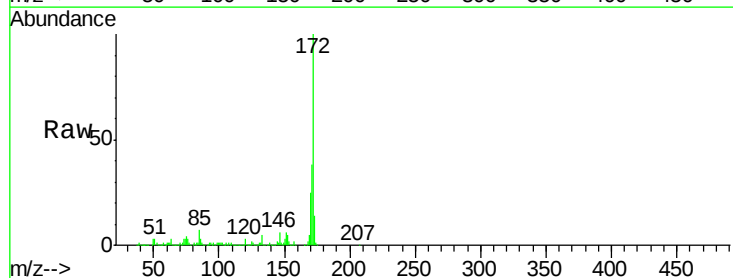
Instrument :
 BNA_G
 ClientSampleId :
 PB97155BL

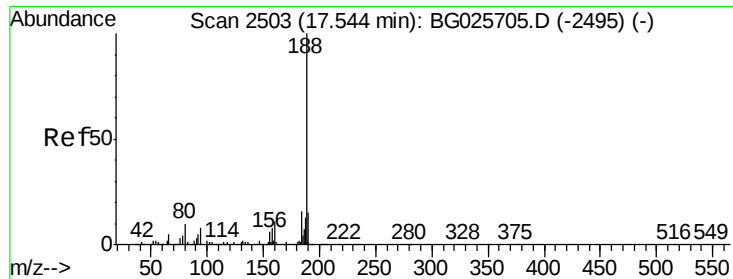
Tgt Ion:330 Resp: 383022
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 37.6 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 97.28 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025935.D
 Acq: 24 Feb 2017 16:59

Tgt Ion:172 Resp: 1251892
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.2 48.2
 170 25.5 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG025935.D

Acq: 24 Feb 2017 16:59

Instrument :

BNA_G

ClientSampleId :

PB97155BL

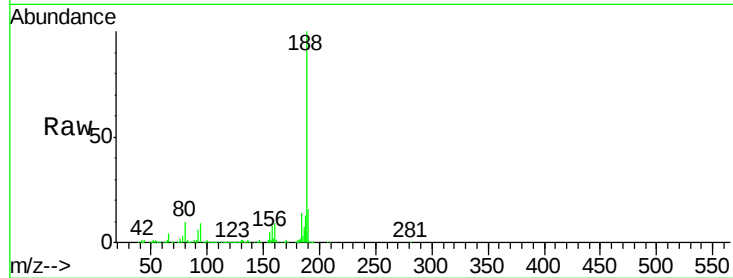
Tgt Ion:188 Resp: 638955

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

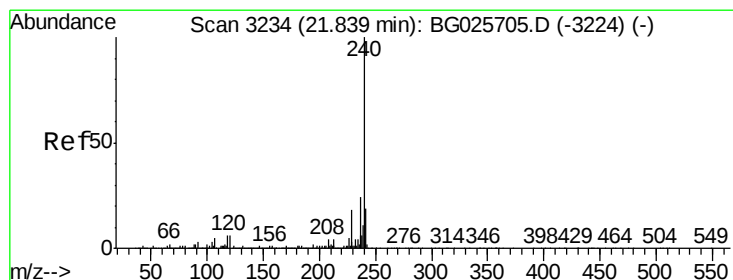
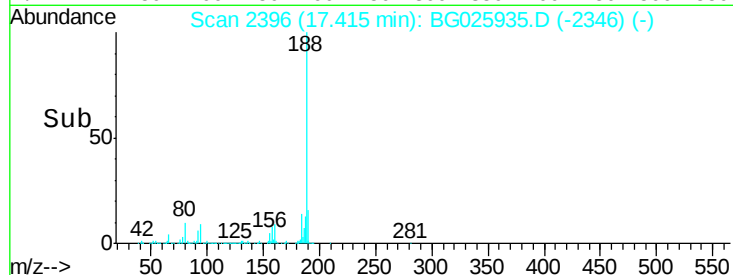
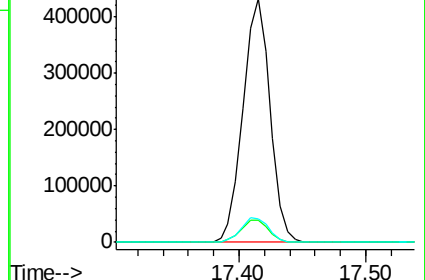
80 9.9 7.5 11.3



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: 21.66 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG025935.D

Acq: 24 Feb 2017 16:59

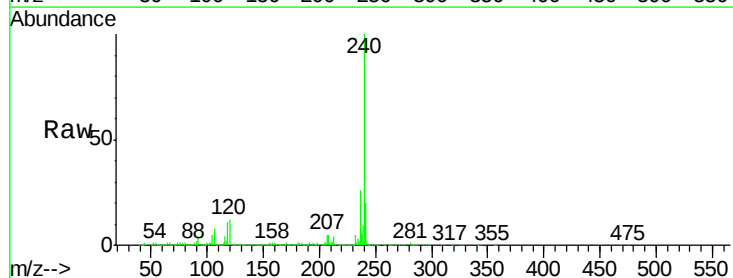
Tgt Ion:240 Resp: 741235

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

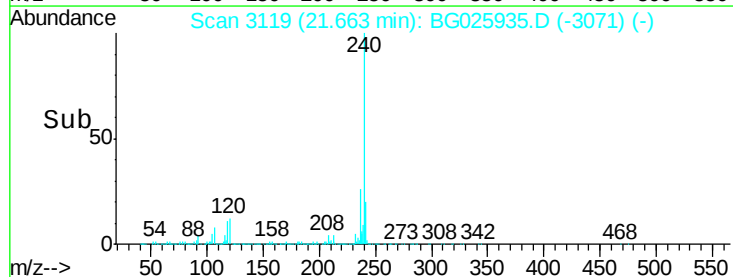
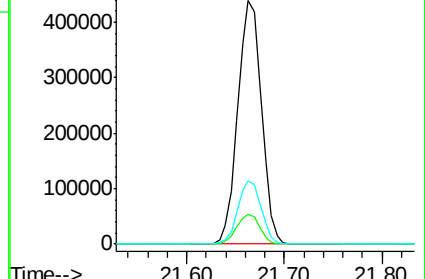
236 26.0 22.2 33.4

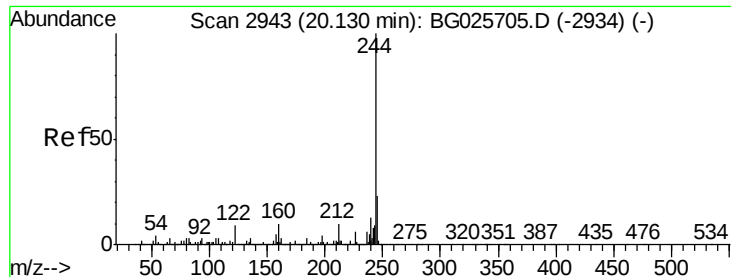


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.81 ng

RT: 20.01 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG025935.D

Acq: 24 Feb 2017 16:59

Instrument :

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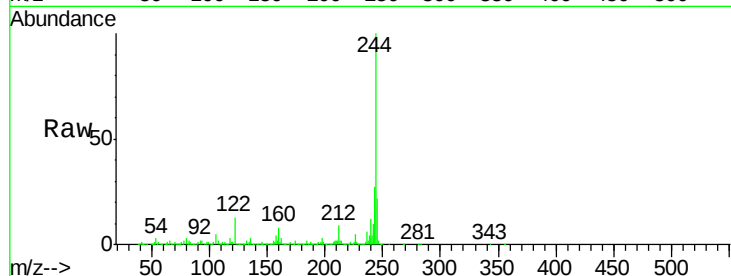
Tgt Ion:244 Resp: 2218929

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

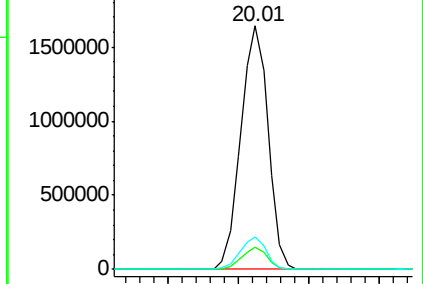
122 13.2 8.6 12.8#



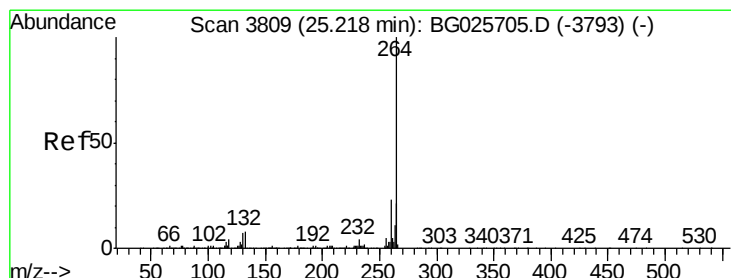
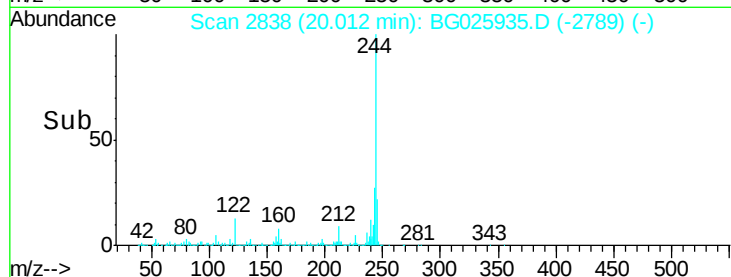
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.87 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BG025935.D

Acq: 24 Feb 2017 16:59

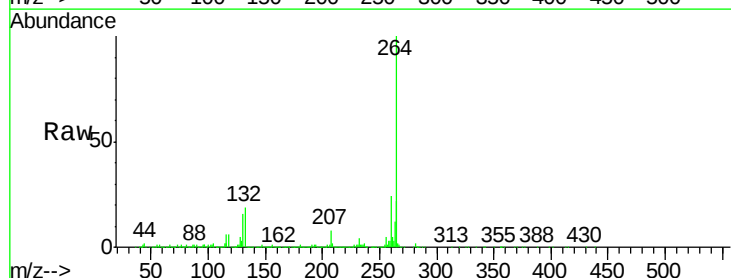
Tgt Ion:264 Resp: 718774

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

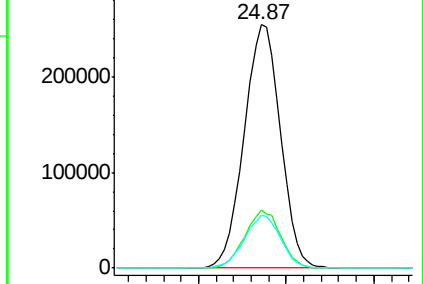
265 21.6 18.2 27.4



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



Time-->

