

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031425.D
 Acq On : 8 Dec 2017 16:05
 Operator : SJ/JU
 Sample : I6725-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01

Quant Time: Dec 08 17:48:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

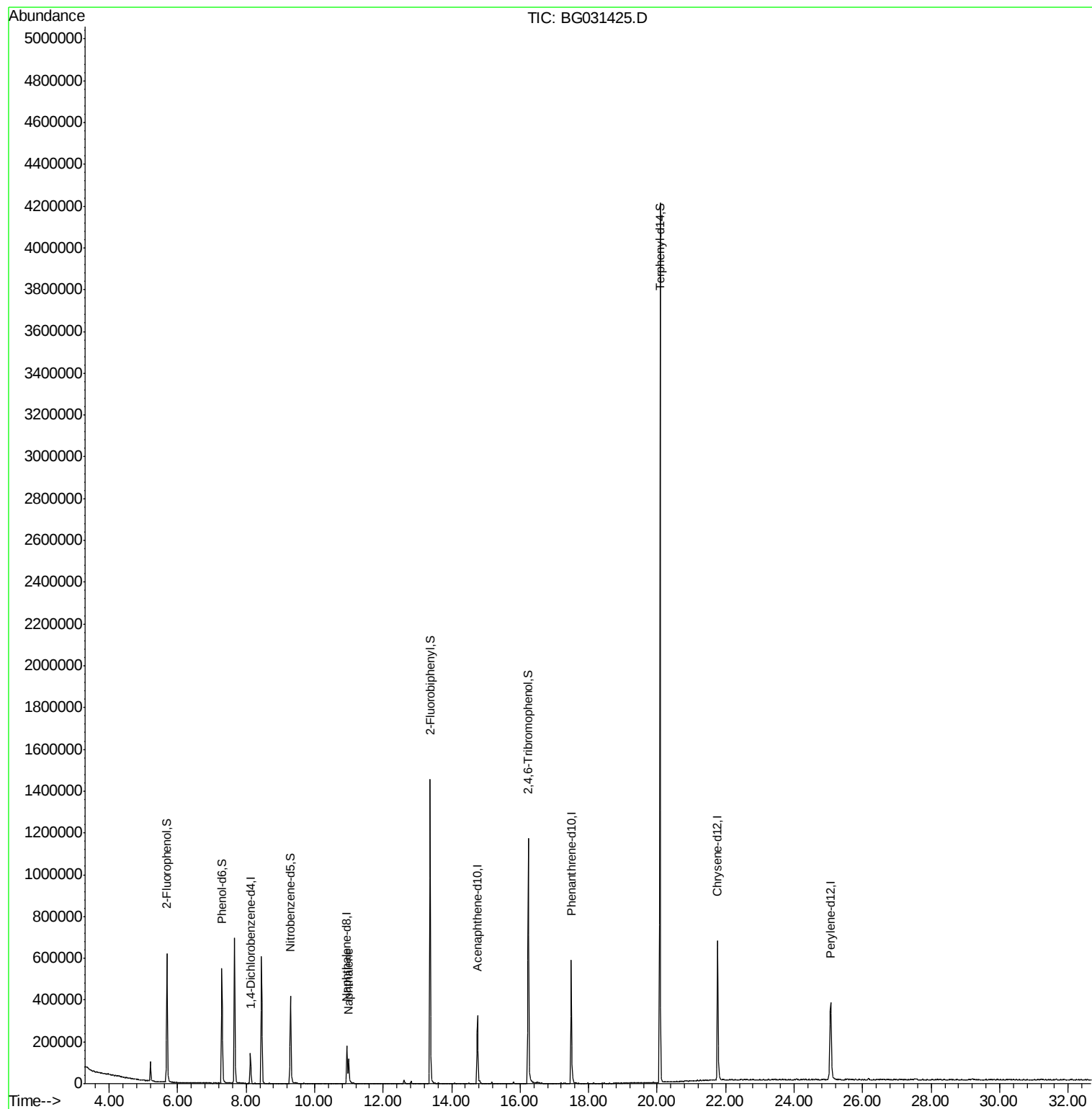
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42117	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	186053	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	136005	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	414626	20.00	ng	0.00
75) Chrysene-d12	21.76	240	484912	20.00	ng	0.00
86) Perylene-d12	25.07	264	469014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	307884	125.35	ng	0.00
7) Phenol-d6	7.29	99	363859	109.96	ng	0.00
23) Nitrobenzene-d5	9.29	82	293707	93.54	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	252755	114.88	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	868808	91.79	ng	0.00
78) Terphenyl-d14	20.08	244	1988665	90.56	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	111418	12.182	ng	Qvalue # 96

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

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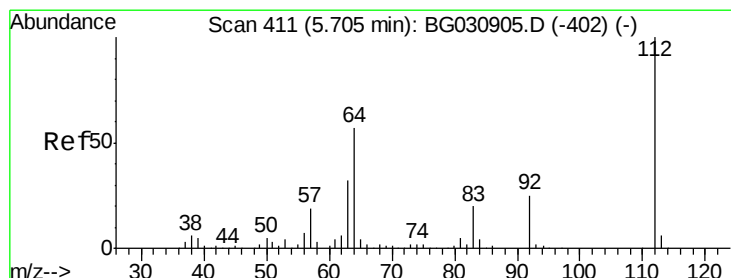
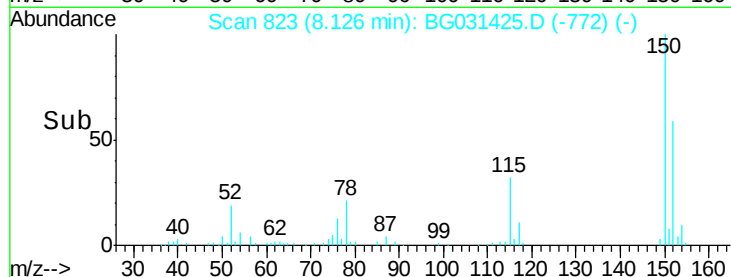
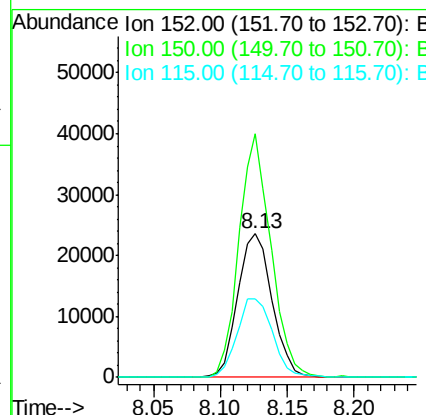
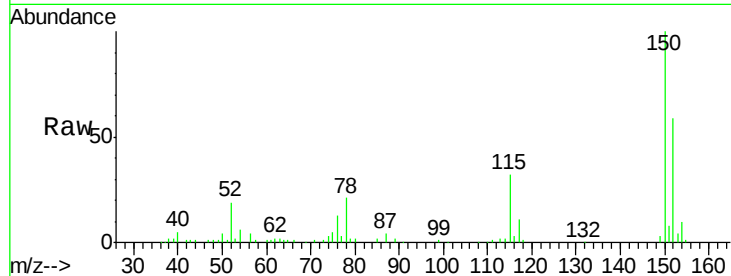




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

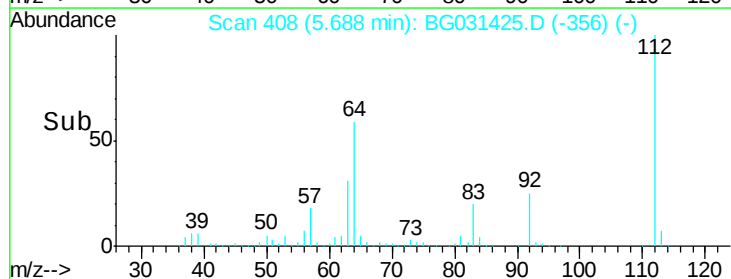
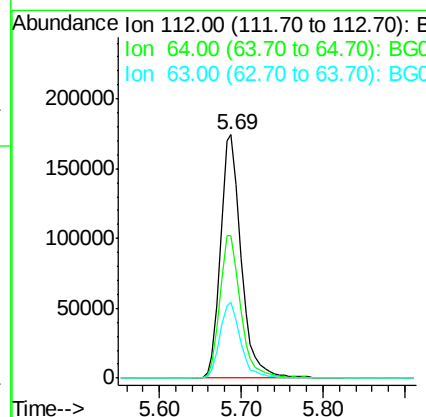
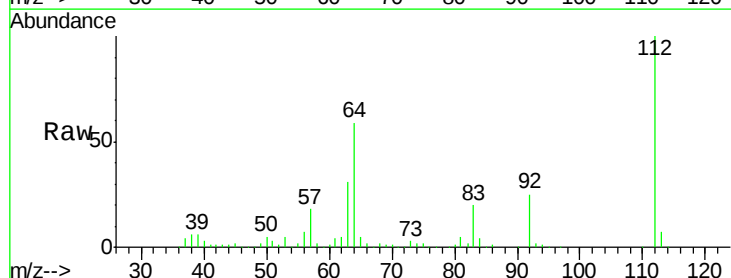
Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01

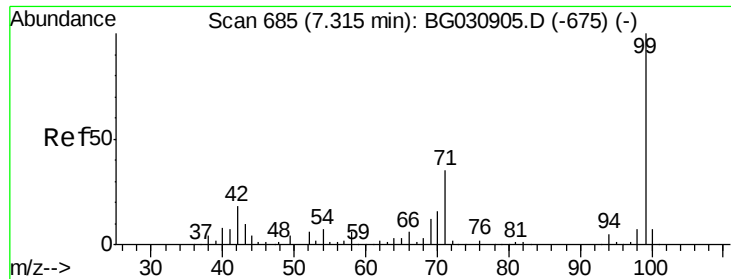
Tgt Ion:152 Resp: 42117
 Ion Ratio Lower Upper
 152 100
 150 169.5 126.6 189.8
 115 55.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 125.352 ng
 RT: 5.69 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Tgt Ion:112 Resp: 307884
 Ion Ratio Lower Upper
 112 100
 64 58.7 56.3 84.5
 63 31.1 30.1 45.1





#7

Phenol-d6

Concen: 109.962 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01

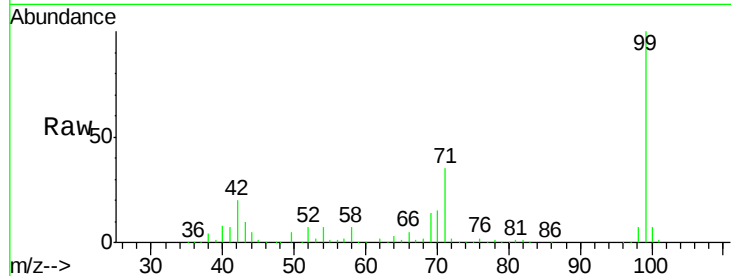
Tgt Ion: 99 Resp: 363859

Ion Ratio Lower Upper

99 100

42 20.0 14.1 21.1

71 35.2 26.1 39.1

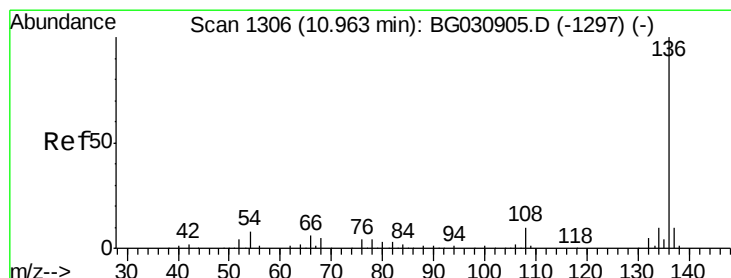
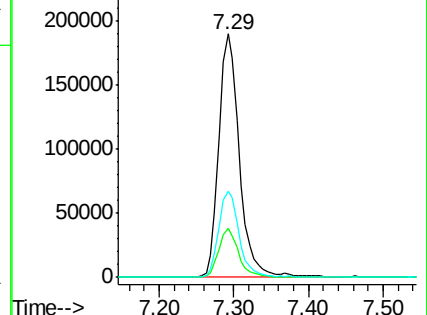
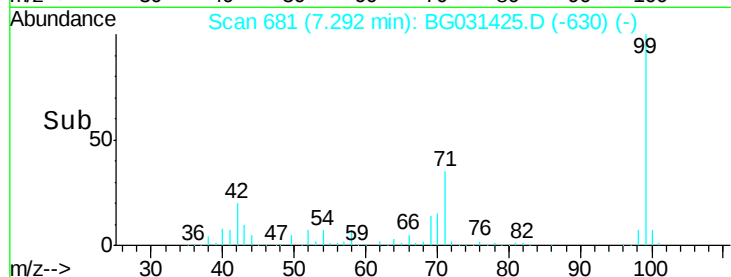


Abundance

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: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Tgt Ion: 136 Resp: 186053

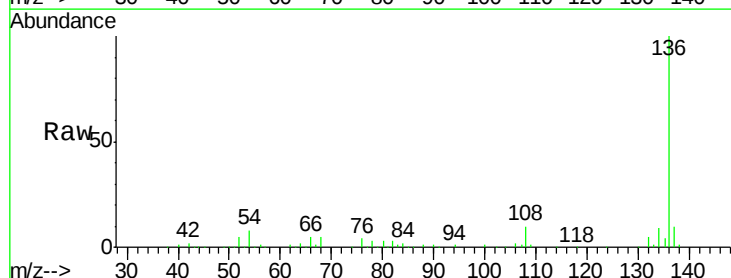
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.9 10.3 15.5#

68 5.4 4.5 6.7



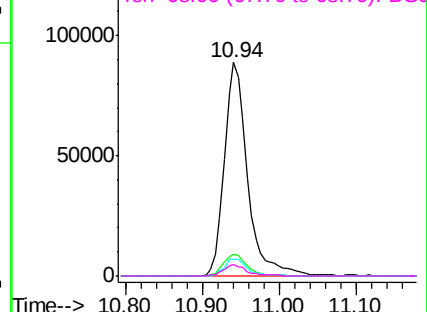
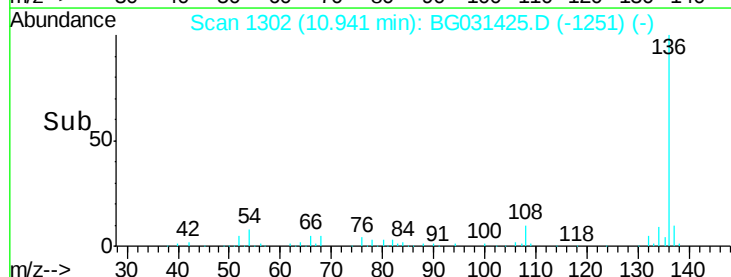
Abundance

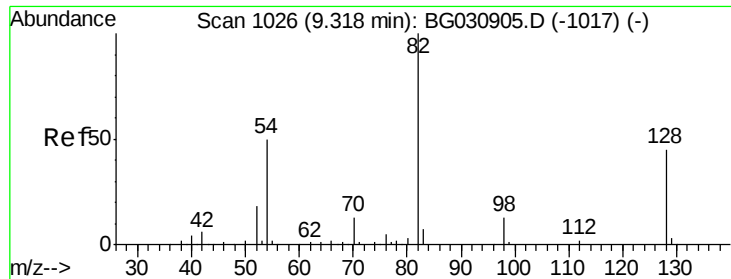
Ion 136.00 (135.70 to 136.70): BGC

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

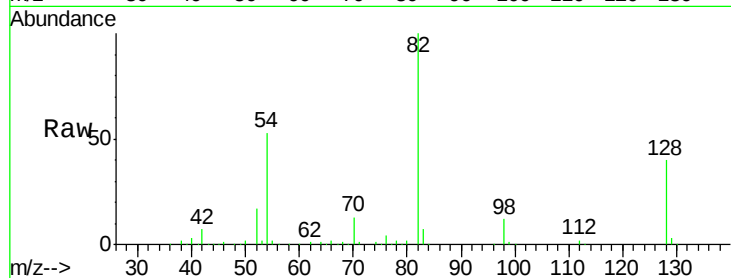




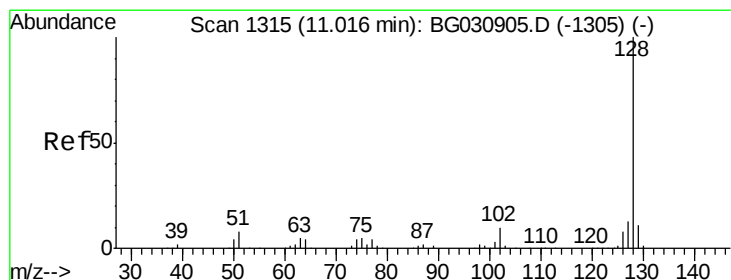
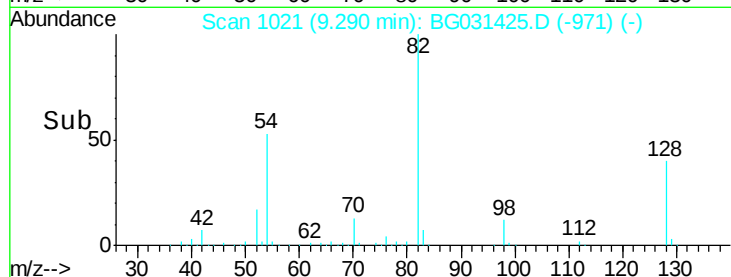
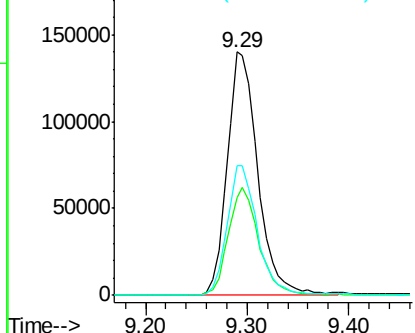
#23
 Nitrobenzene-d5
 Concen: 93.543 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01

Tgt Ion: 82 Resp: 293707
 Ion Ratio Lower Upper
 82 100
 128 40.1 29.7 44.5
 54 53.0 43.1 64.7

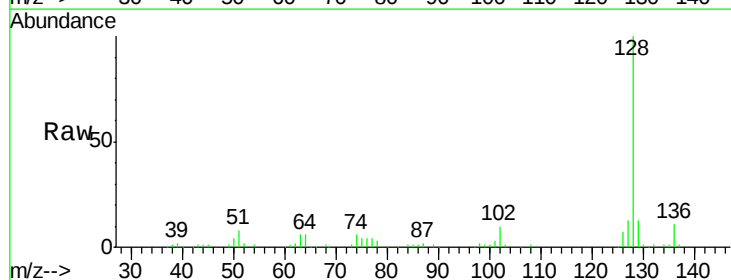


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

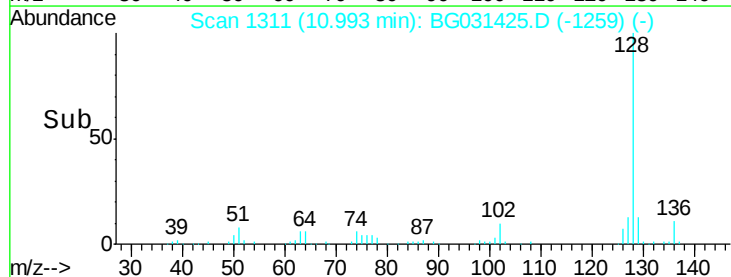
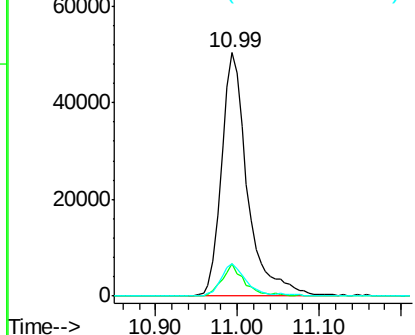


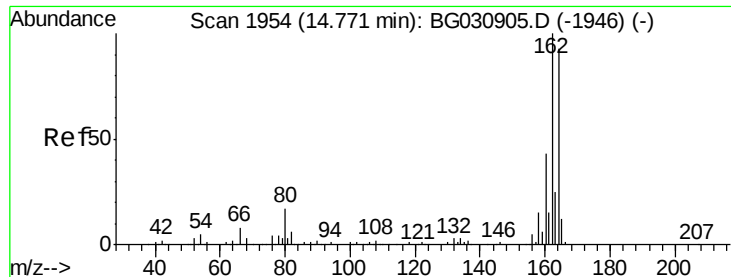
#31
 Naphthalene
 Concen: 12.182 ng
 RT: 10.99 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Tgt Ion: 128 Resp: 111418
 Ion Ratio Lower Upper
 128 100
 129 13.1 8.6 12.8#
 127 13.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01

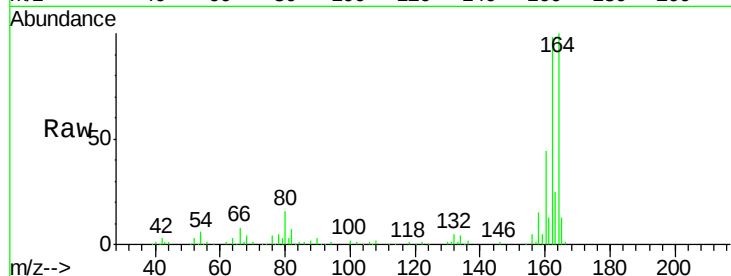
Tgt Ion:164 Resp: 136005

Ion Ratio Lower Upper

164 100

162 98.5 78.8 118.2

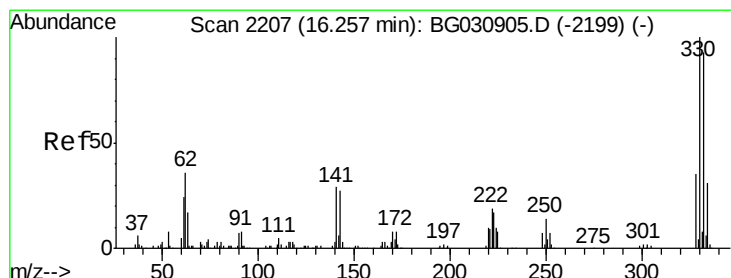
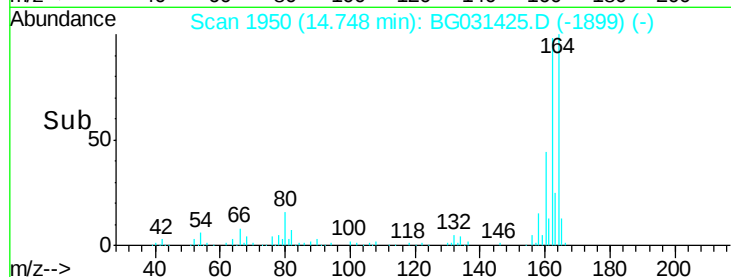
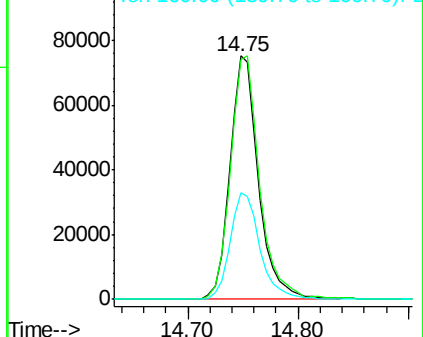
160 43.8 35.4 53.0



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: 114.882 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

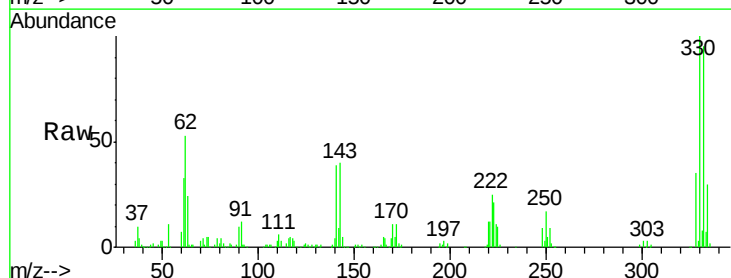
Tgt Ion:330 Resp: 252755

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

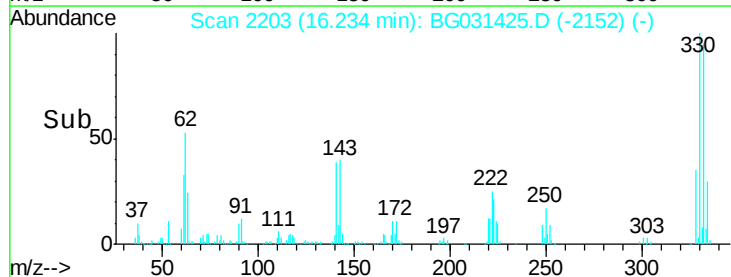
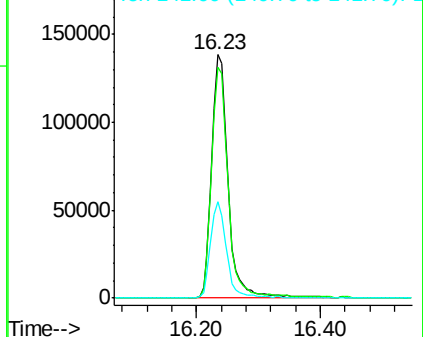
141 38.7 25.2 37.8#

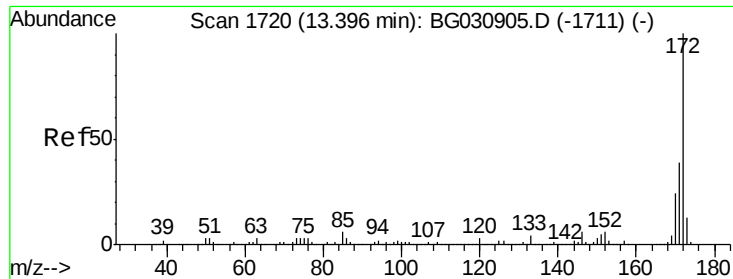


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

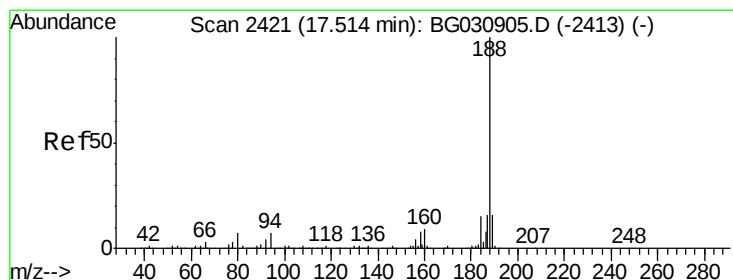
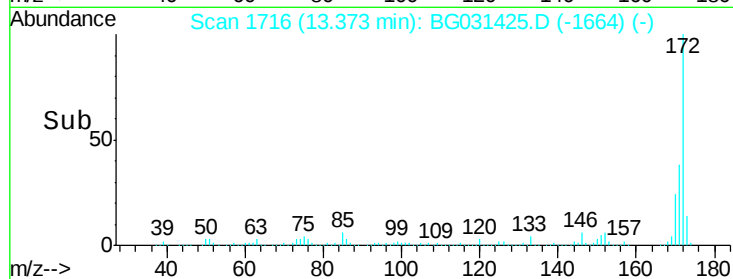
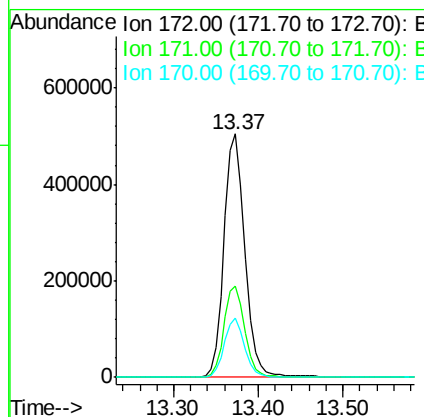
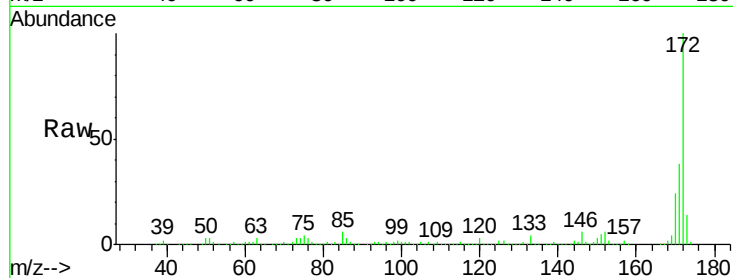




#44
 2-Fluorobiphenyl
 Concen: 91.789 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

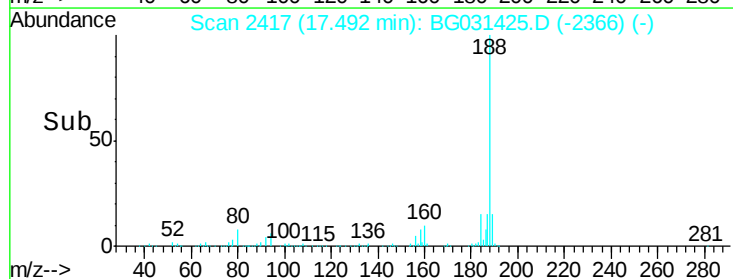
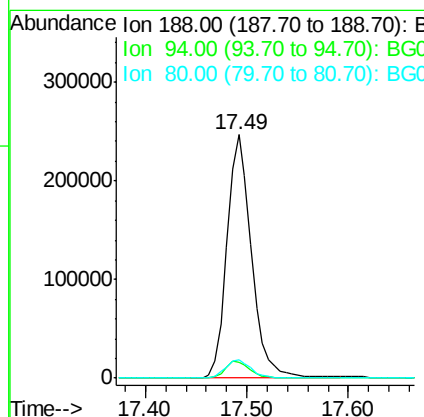
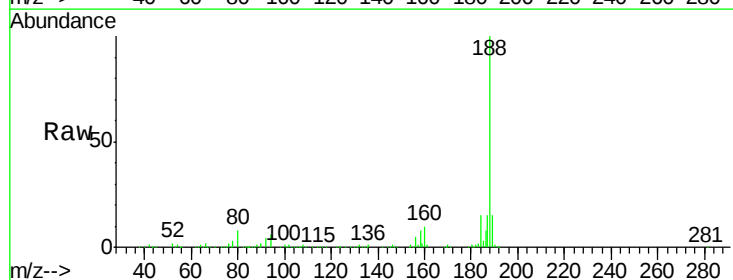
Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01

Tgt Ion:172 Resp: 868808
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG031425.D
 Acq: 8 Dec 2017 16:05

Tgt Ion:188 Resp: 414626
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.7 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01

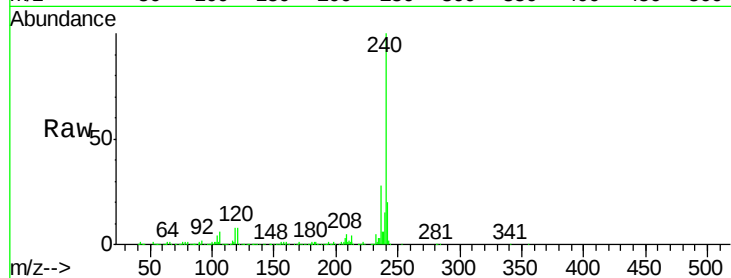
Tgt Ion:240 Resp: 484912

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

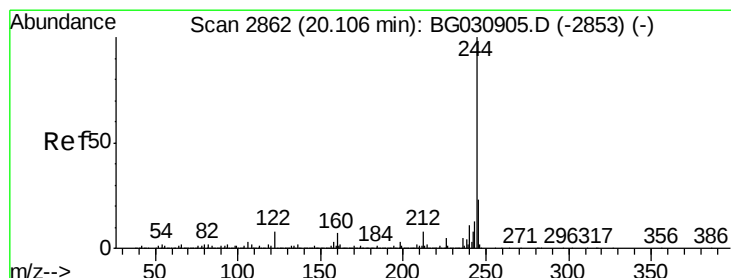
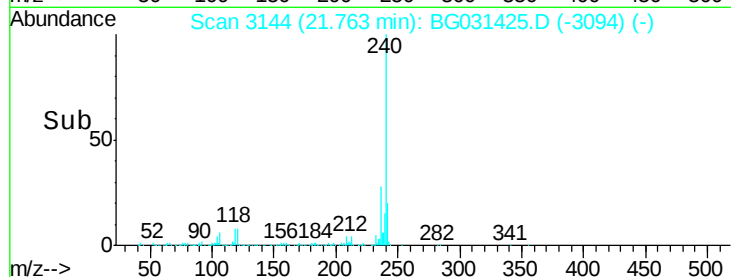
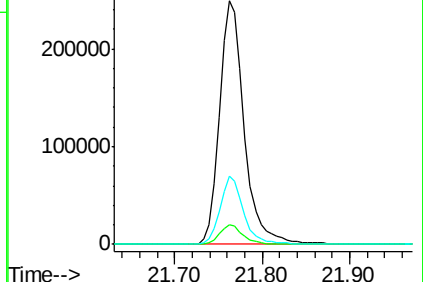
236 28.0 20.9 31.3



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: 90.556 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031425.D

Acq: 8 Dec 2017 16:05

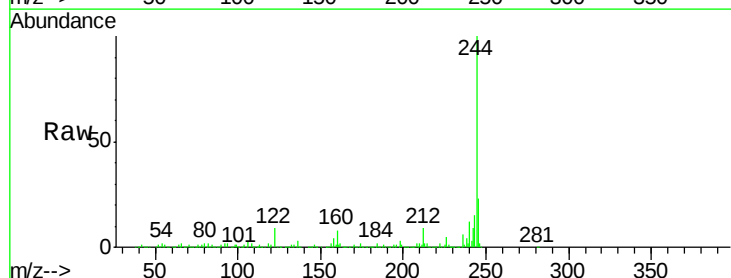
Tgt Ion:244 Resp: 1988665

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

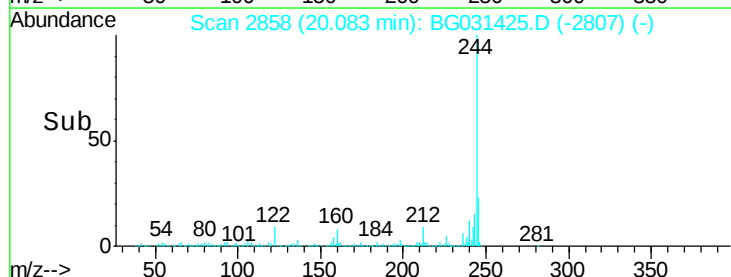
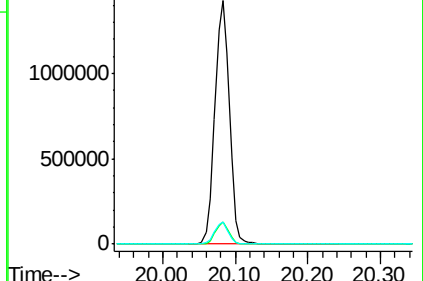
122 9.0 7.0 10.4

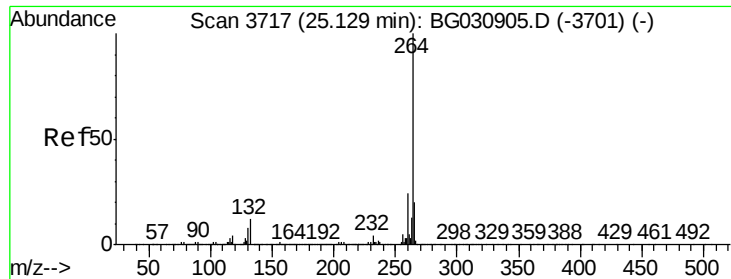


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

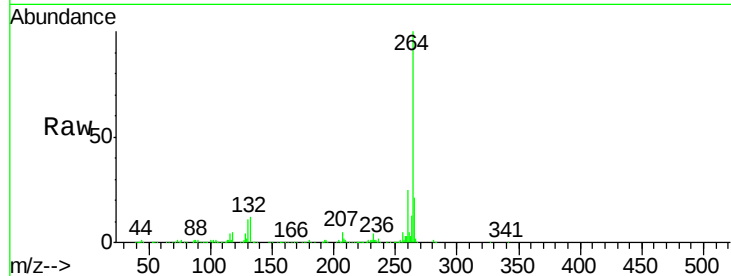




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG031425.D
Acq: 8 Dec 2017 16:05

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.3	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

