

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031301.D
 Acq On : 30 Nov 2017 23:30
 Operator : SJ/JU
 Sample : I6635-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 03:19:13 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	8.13	152	64004	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	264961	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	171825	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	455422	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	525163	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509641	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	172352	46.18	ng	-0.02
7) Phenol-d6	7.29	99	139518	27.75	ng	-0.01
23) Nitrobenzene-d5	9.30	82	451193	100.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	238454	85.79	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1294579	108.26	ng	-0.02
78) Terphenyl-d14	20.09	244	2144877	90.18	ng	-0.01

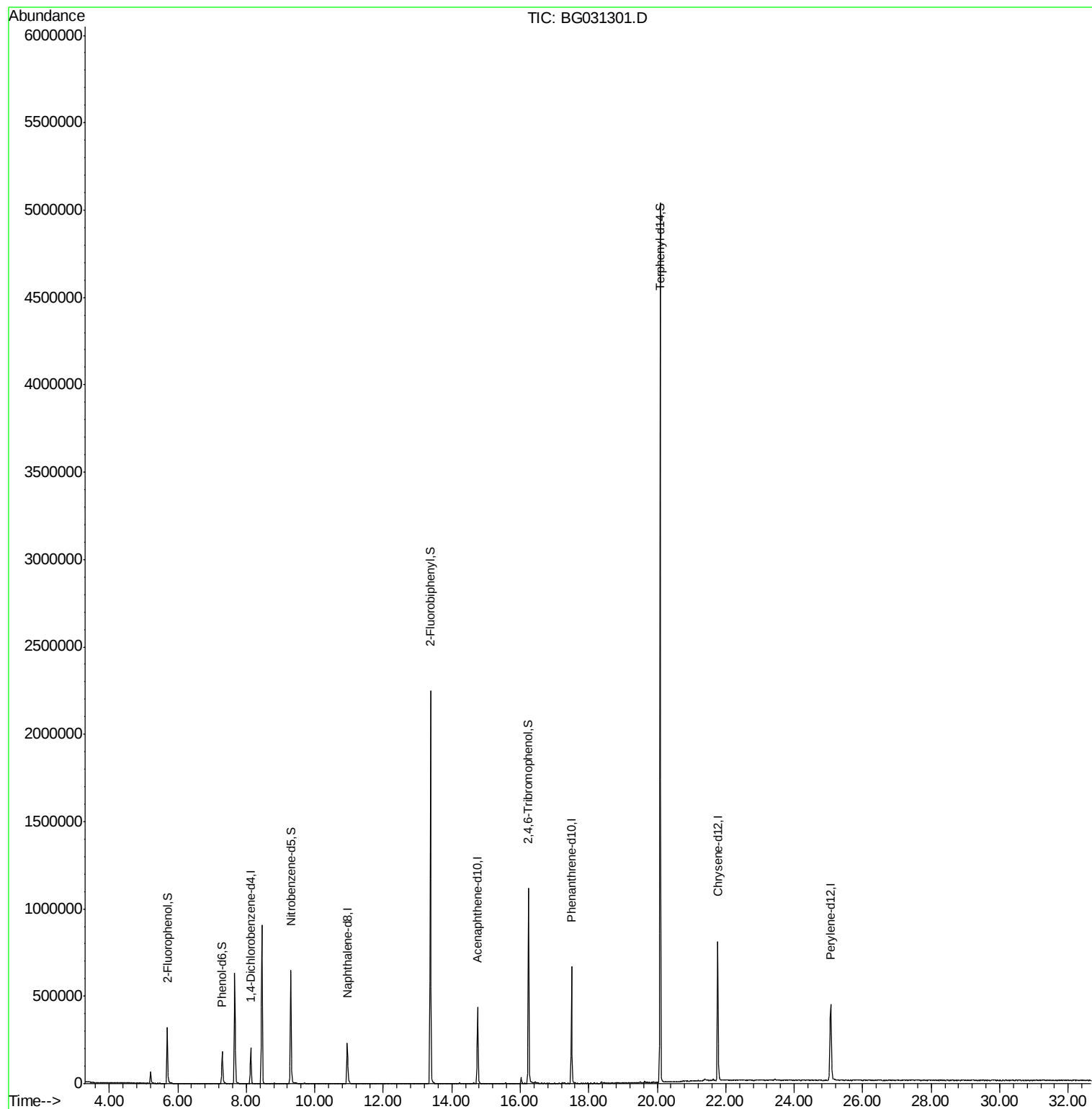
Target Compounds Qvalue

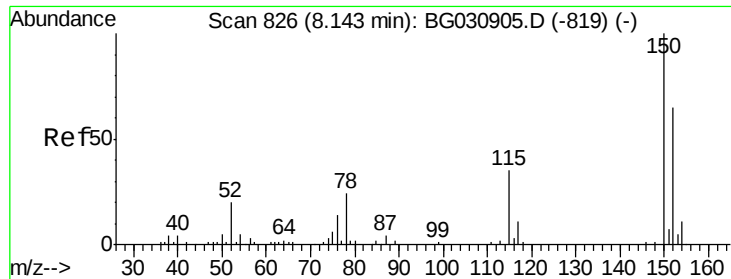
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031301.D

Acq: 30 Nov 2017 23:30

Instrument :

BNA_G

ClientSampleId :

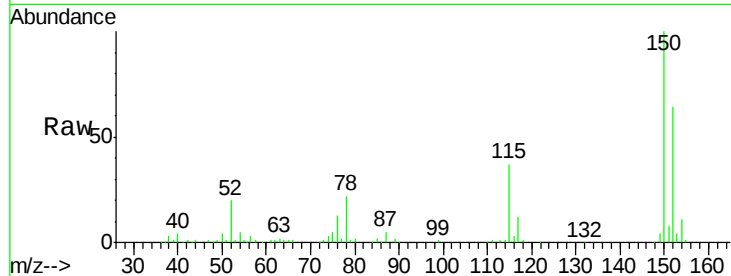
Tot Ion:152 Resp: 64004

Ion Ratio Lower Upper

152 100

150 155.7 126.6 189.8

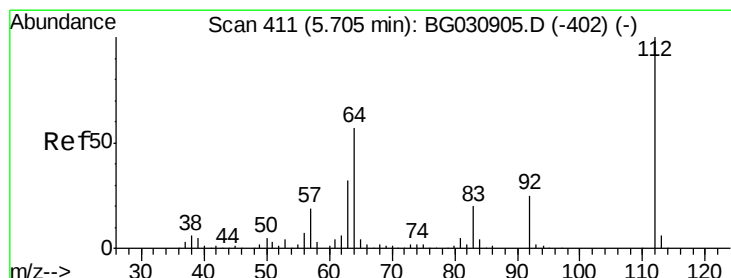
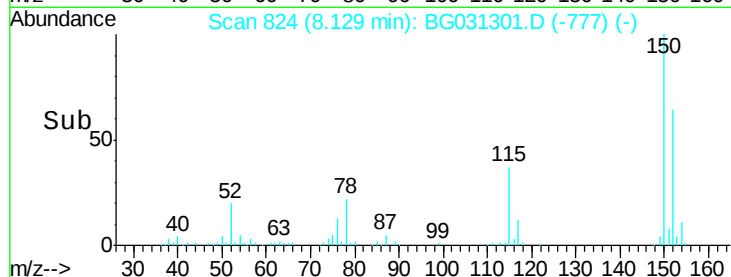
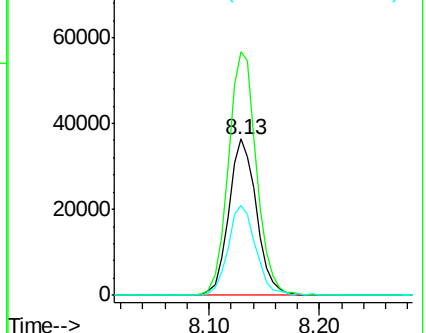
115 57.5 53.0 79.4



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: 46.18 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031301.D

Acq: 30 Nov 2017 23:30

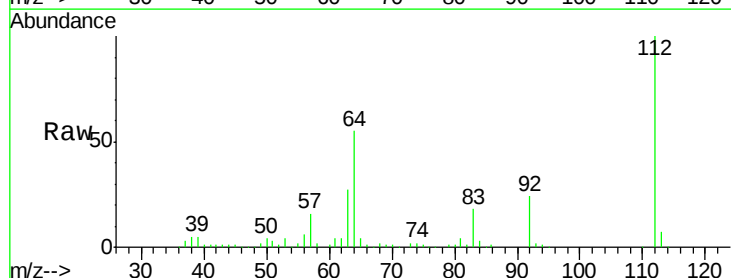
Tgt Ion:112 Resp: 172352

Ion Ratio Lower Upper

112 100

64 55.1 56.3 84.5#

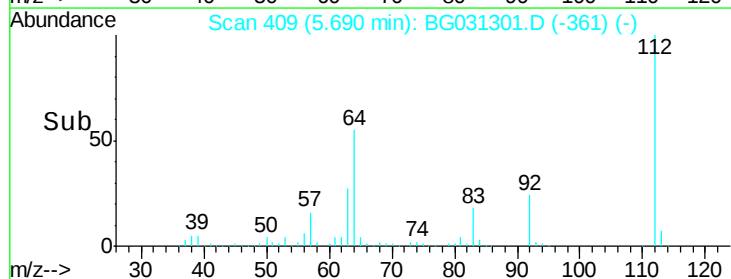
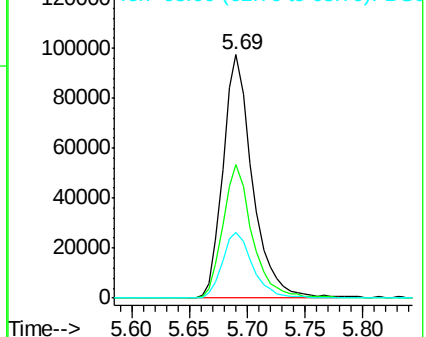
63 26.9 30.1 45.1#

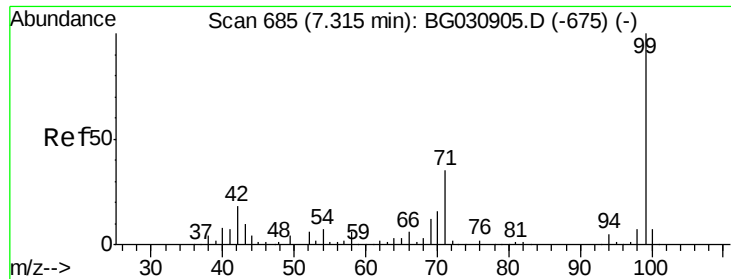


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.75 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031301.D

Acq: 30 Nov 2017 23:30

Instrument :

BNA_G

ClientSampleId :

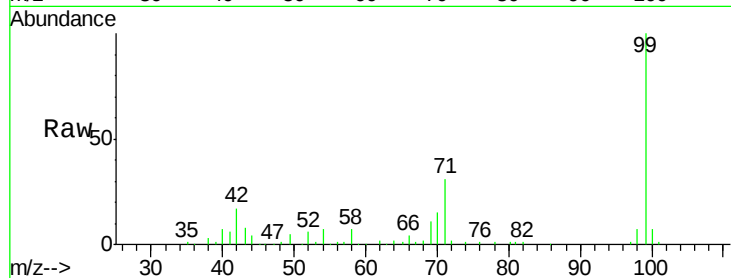
Tot Ion: 99 Resp: 139518

Ion Ratio Lower Upper

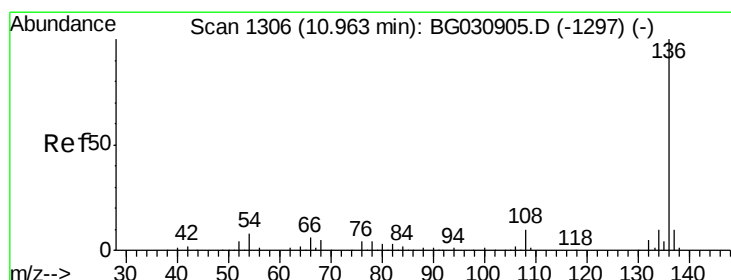
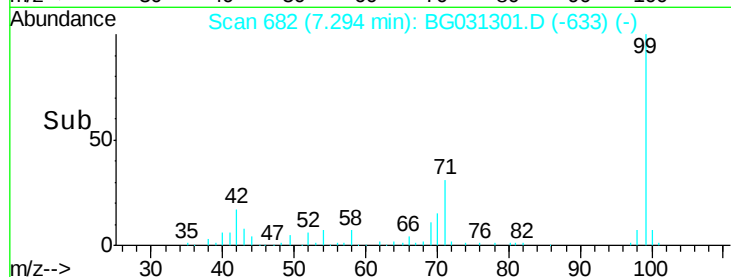
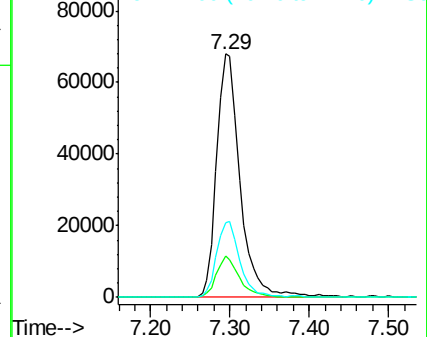
99 100

42 16.8 14.1 21.1

71 30.9 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: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031301.D

Acq: 30 Nov 2017 23:30

Tgt Ion: 136 Resp: 264961

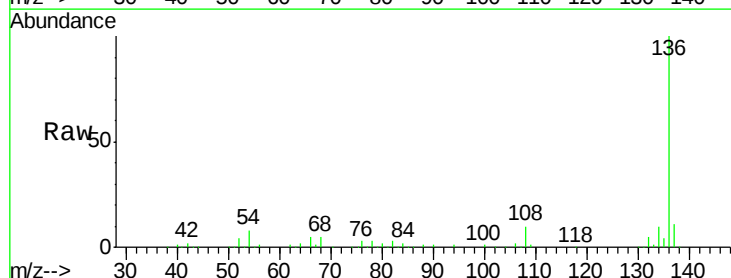
Ion Ratio Lower Upper

136 100

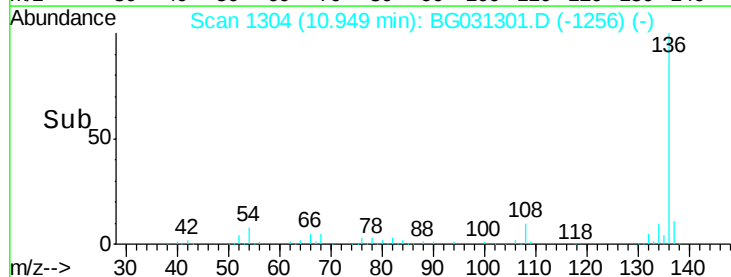
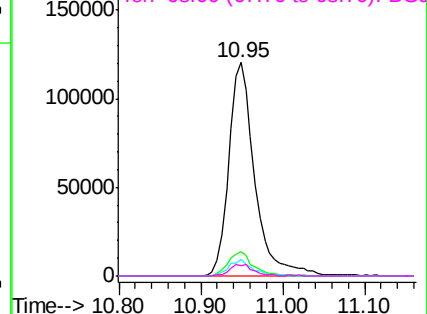
137 11.5 9.2 13.8

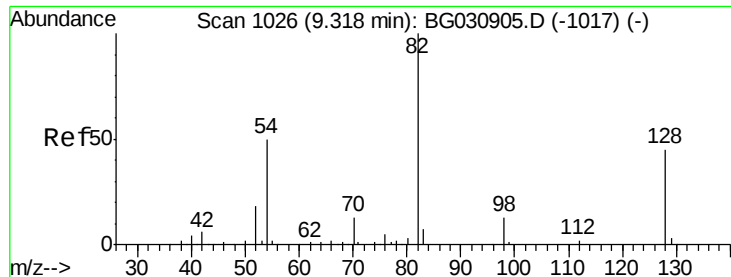
54 7.6 10.3 15.5#

68 4.6 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

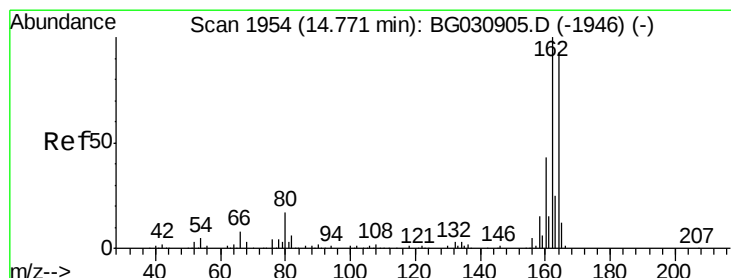
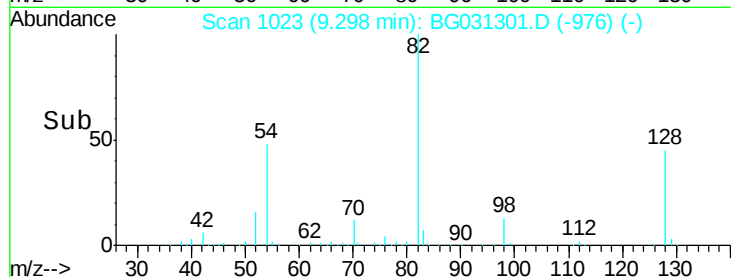
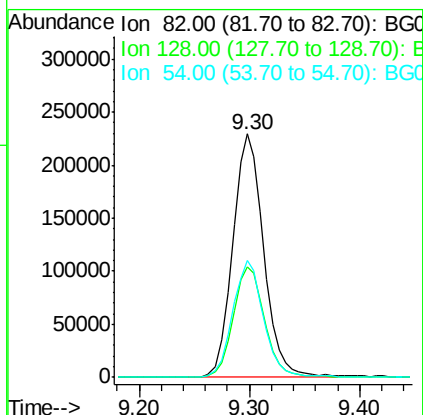
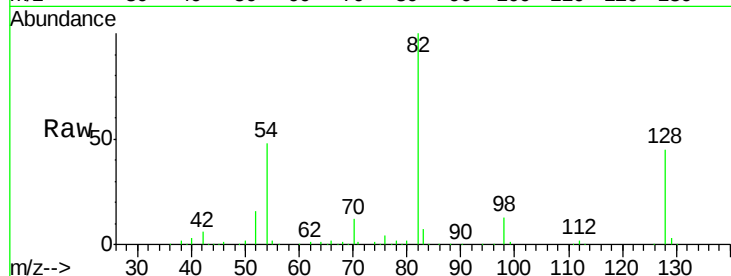




#23
 Nitrobenzene-d5
 Concen: 100.91 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031301.D
 Acq: 30 Nov 2017 23:30

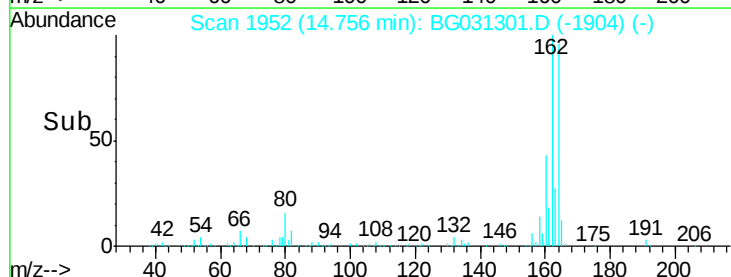
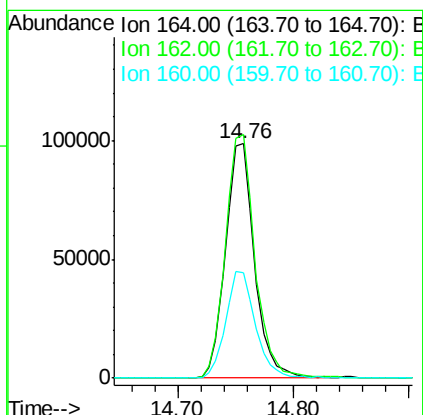
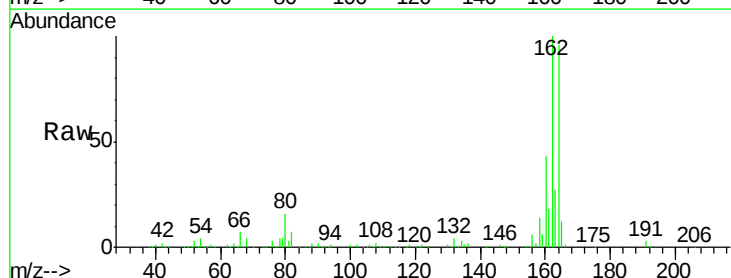
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 451193
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 48.2 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: BG031301.D
 Acq: 30 Nov 2017 23:30

Tgt Ion:164 Resp: 171825
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 44.8 35.4 53.0

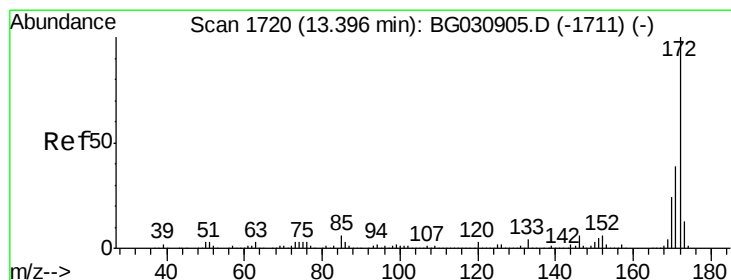
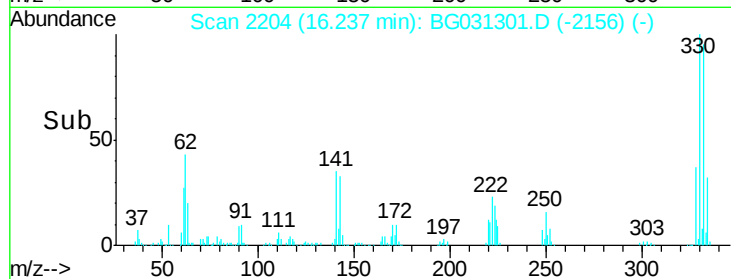
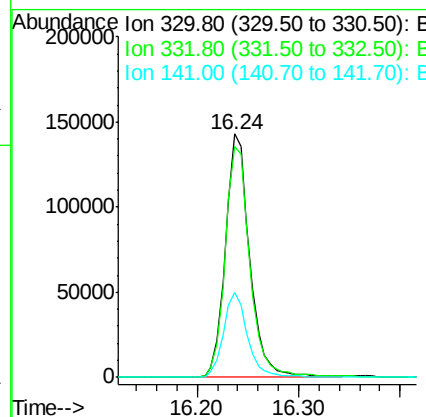
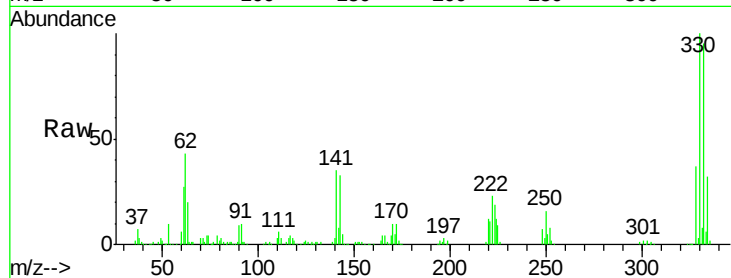




#41
 2,4,6-Tribromophenol
 Concen: 85.79 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031301.D
 Acq: 30 Nov 2017 23:30

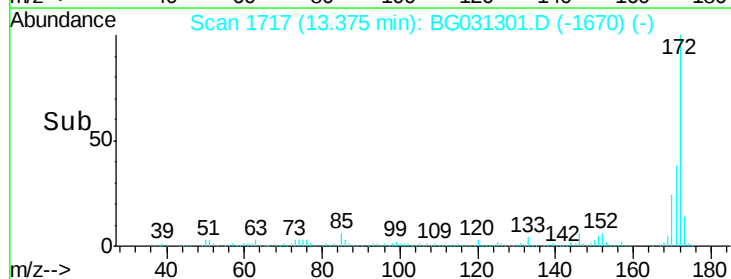
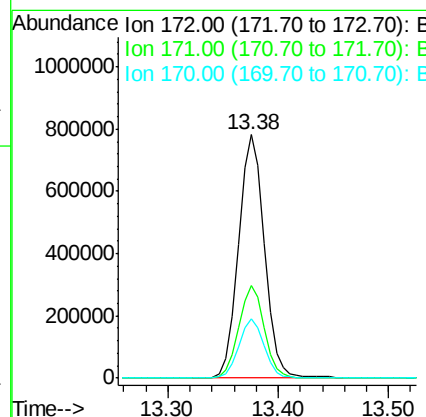
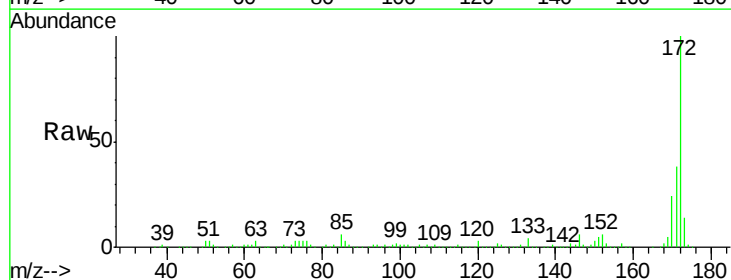
Instrument :
 BNA_G
 ClientSampleId :

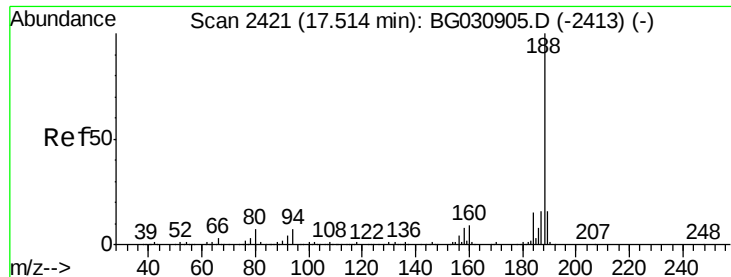
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	35.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 108.26 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031301.D
 Acq: 30 Nov 2017 23:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.2	19.5	29.3

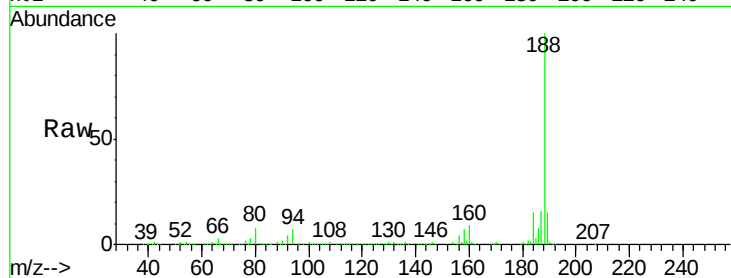




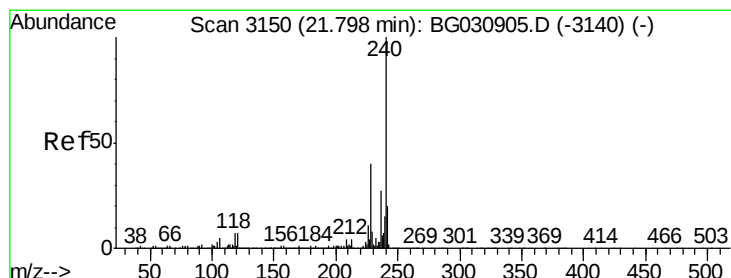
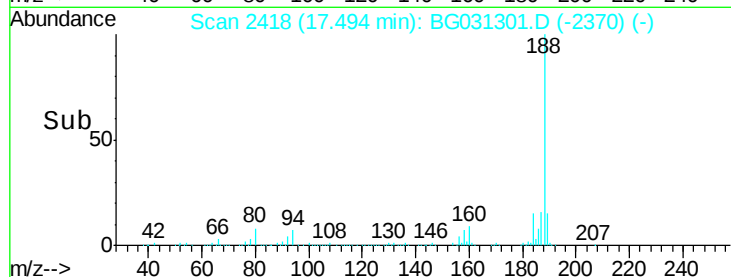
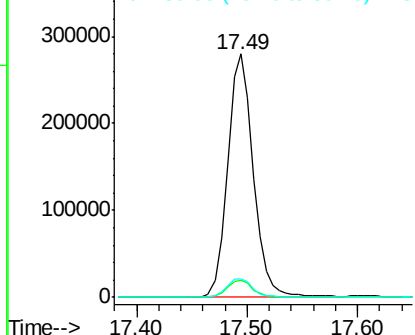
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031301.D
Acq: 30 Nov 2017 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 455422
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.7 7.7 11.5

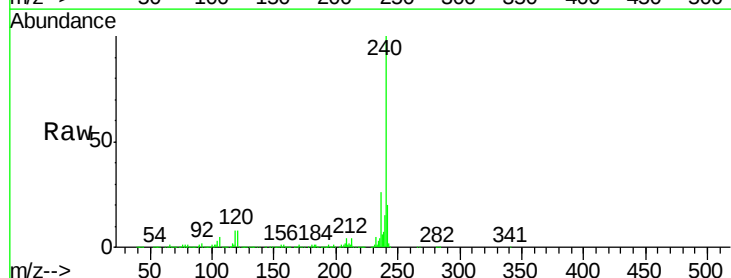


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

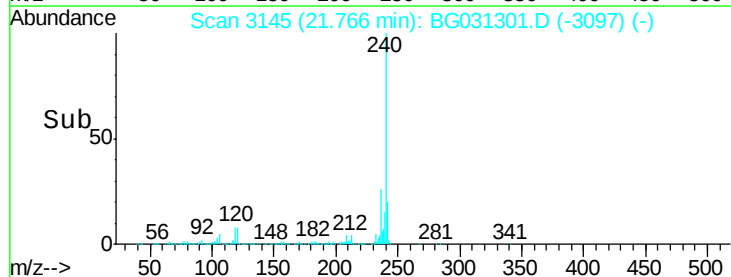
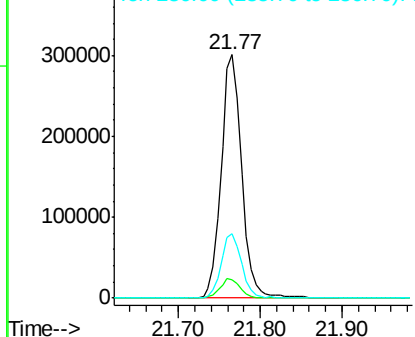


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031301.D
Acq: 30 Nov 2017 23:30

Tgt Ion:240 Resp: 525163
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 26.2 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: 90.18 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031301.D

Acq: 30 Nov 2017 23:30

Instrument :

BNA_G

ClientSampleId :

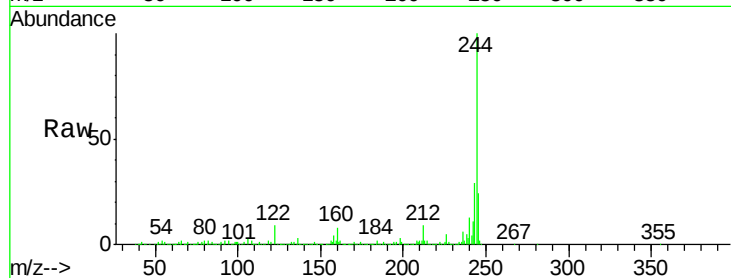
Tot Ion:244 Resp: 2144877

Ion Ratio Lower Upper

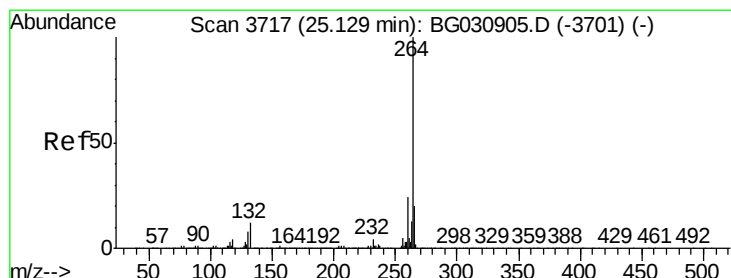
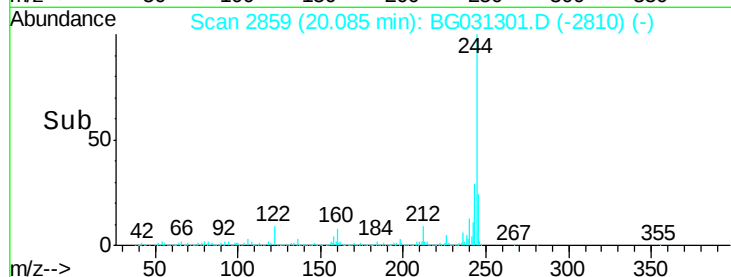
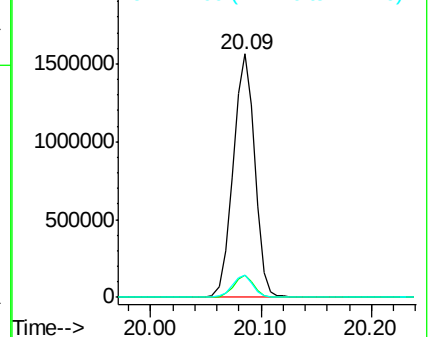
244 100

212 9.1 5.8 8.8#

122 9.1 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: BG031301.D

Acq: 30 Nov 2017 23:30

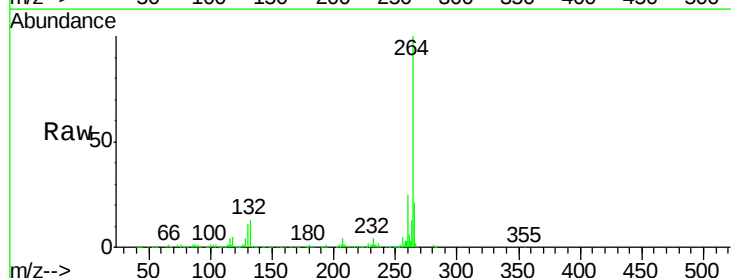
Tgt Ion:264 Resp: 509641

Ion Ratio Lower Upper

264 100

260 24.9 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

