

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031036.D
 Acq On : 16 Nov 2017 6:17
 Operator : SJ/JU
 Sample : I6478-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:48:26 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	34359	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	129482	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	87955	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	268362	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	395105	20.00	ng	-0.01
86) Perylene-d12	25.07	264	387930	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	232285	115.93	ng	0.00
7) Phenol-d6	7.31	99	252834	93.66	ng	0.00
23) Nitrobenzene-d5	9.31	82	193357	88.49	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	235375	165.43	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	598367	97.75	ng	-0.02
78) Terphenyl-d14	20.09	244	1483715	82.92	ng	0.00

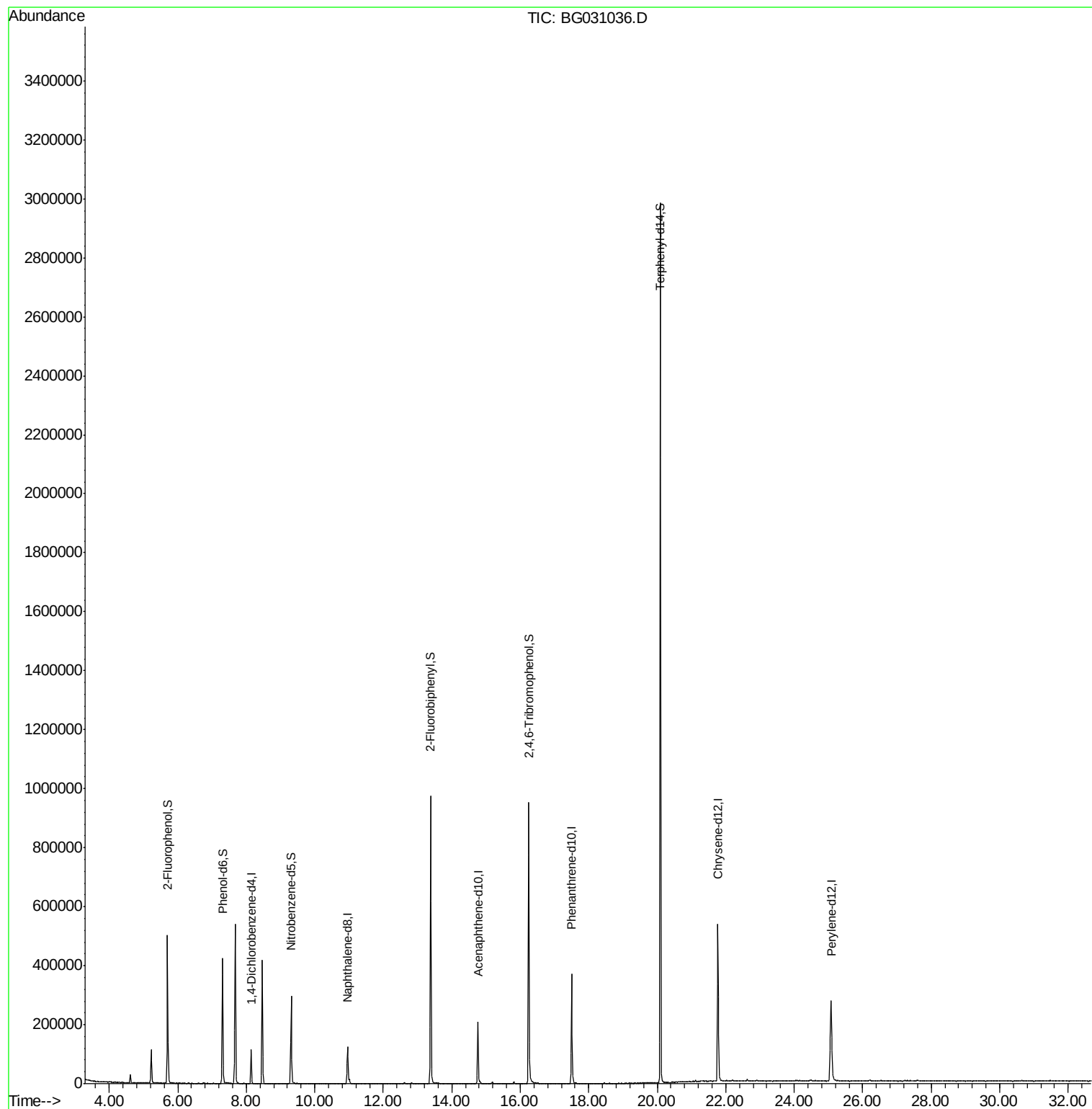
Target Compounds Qvalue

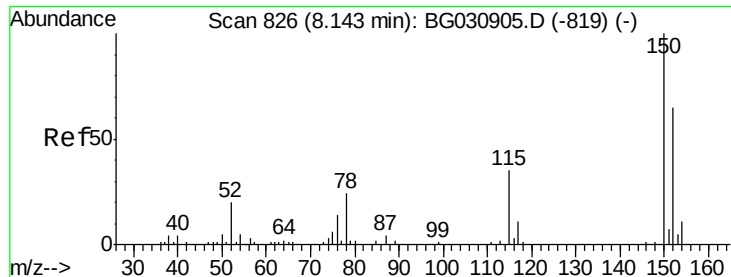
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031036.D

Acq: 16 Nov 2017 6:17

Instrument :

BNA_G

ClientSampled :

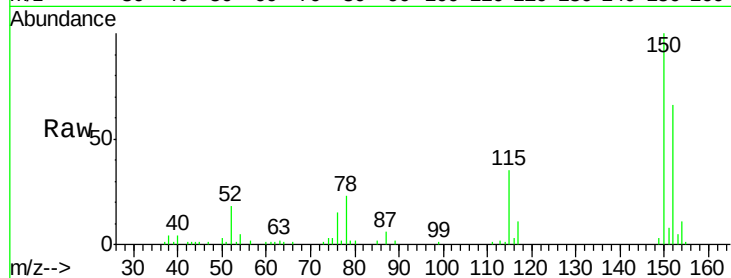
Tot Ion:152 Resp: 34359

Ion Ratio Lower Upper

152 100

150 150.4 126.6 189.8

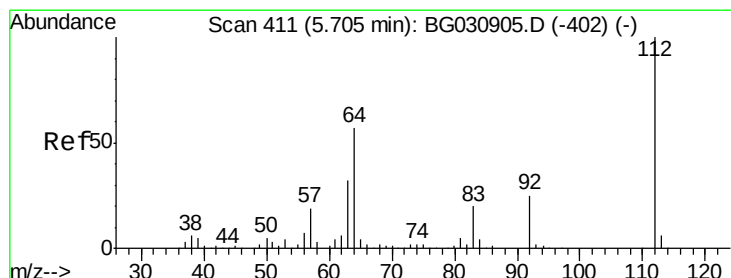
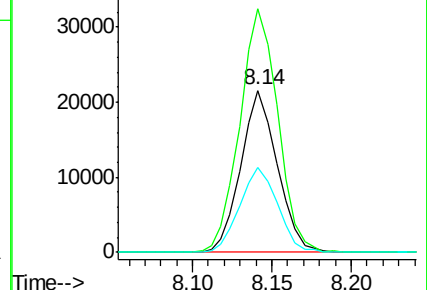
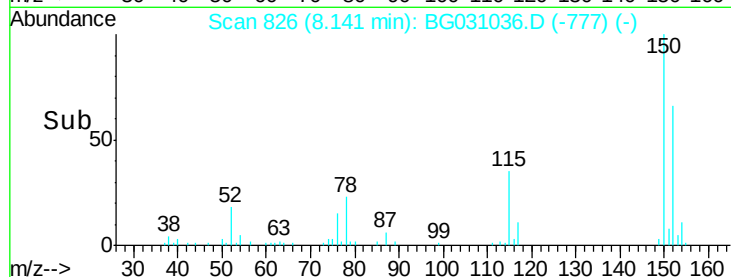
115 52.3 53.0 79.4#



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: 115.93 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031036.D

Acq: 16 Nov 2017 6:17

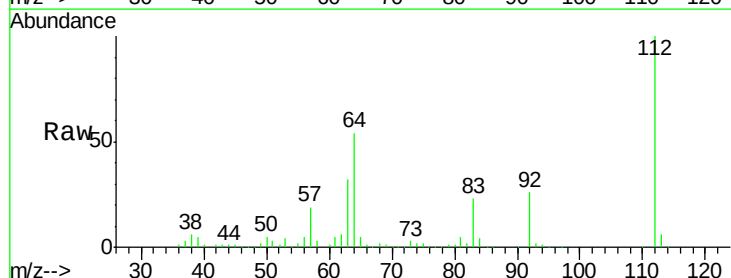
Tgt Ion:112 Resp: 232285

Ion Ratio Lower Upper

112 100

64 53.6 56.3 84.5#

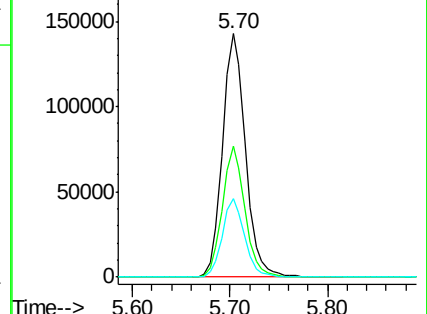
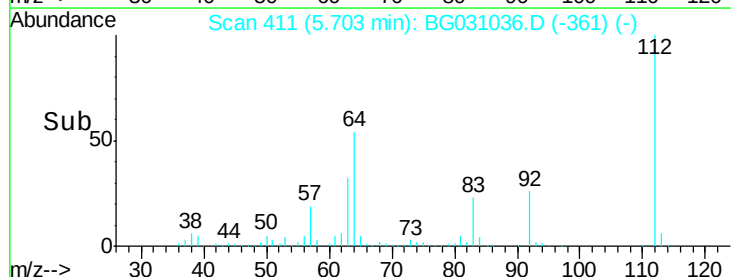
63 32.1 30.1 45.1

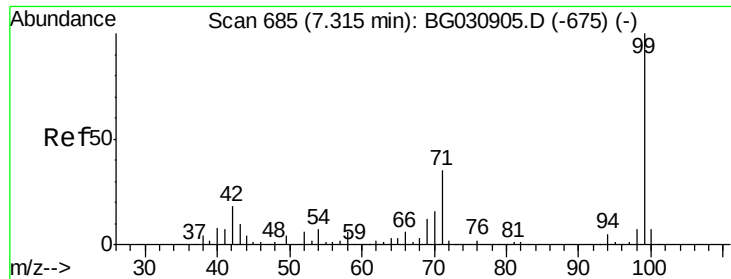


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.66 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031036.D

Acq: 16 Nov 2017 6:17

Instrument :

BNA_G

ClientSampleId :

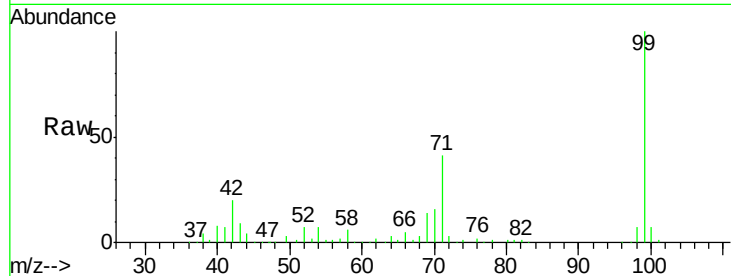
Tot Ion: 99 Resp: 252834

Ion Ratio Lower Upper

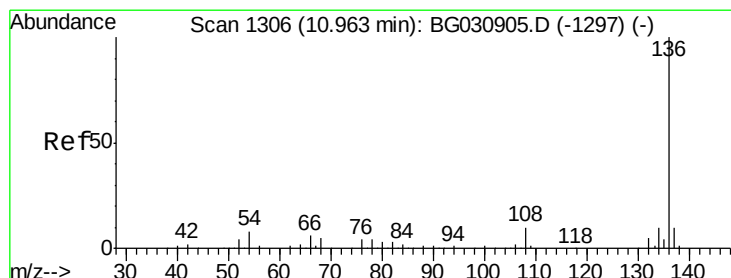
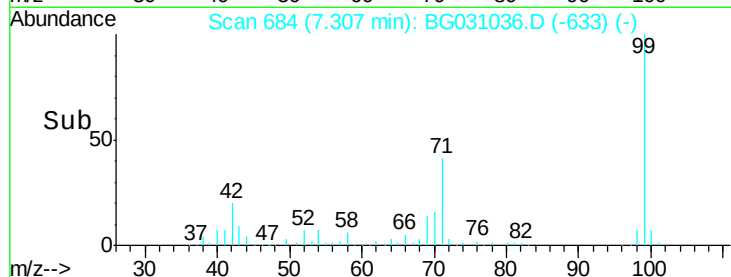
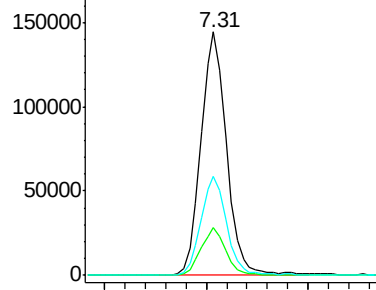
99 100

42 19.9 14.1 21.1

71 40.6 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: BG031036.D

Acq: 16 Nov 2017 6:17

Tgt Ion: 136 Resp: 129482

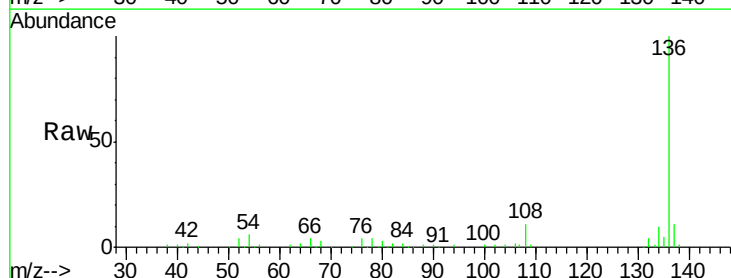
Ion Ratio Lower Upper

136 100

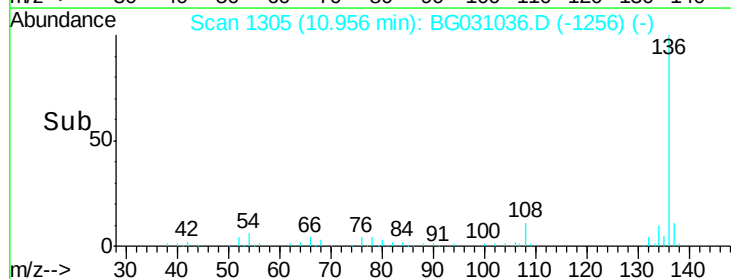
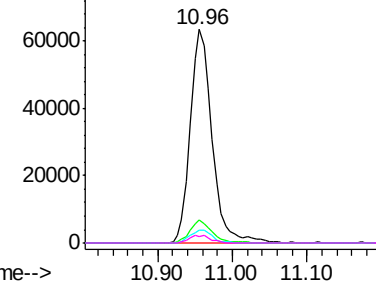
137 10.9 9.2 13.8

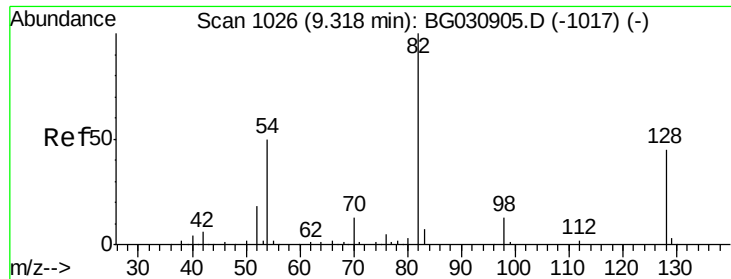
54 6.0 10.3 15.5#

68 2.9 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

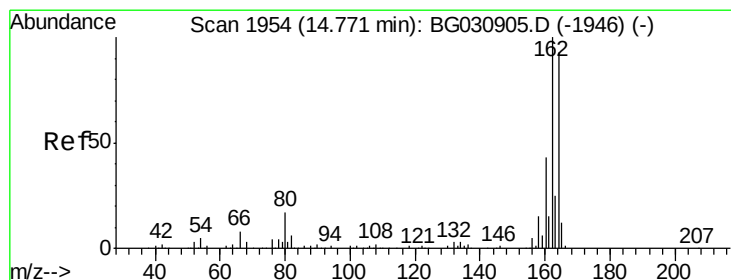
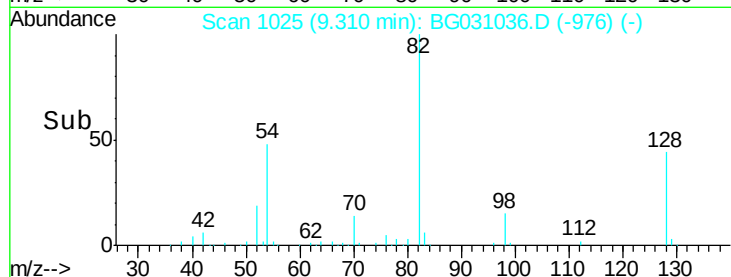
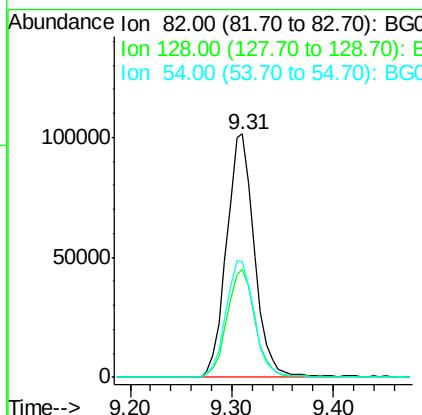
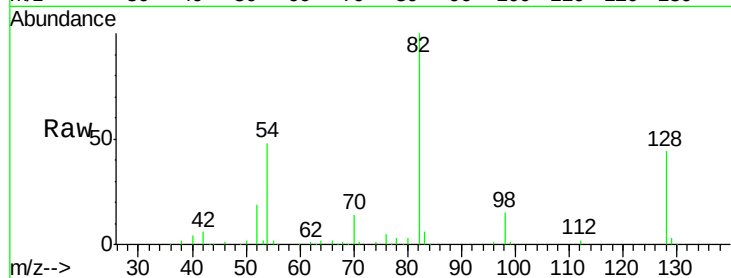




#23
 Nitrobenzene-d5
 Concen: 88.49 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031036.D
 Acq: 16 Nov 2017 6:17

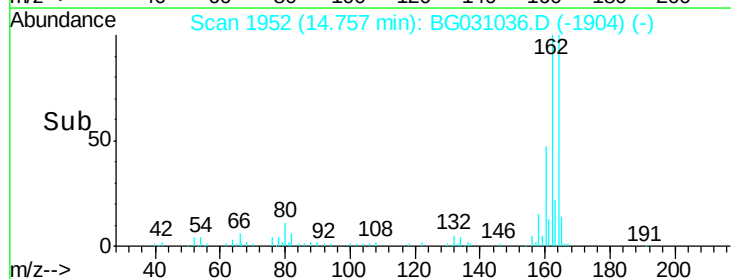
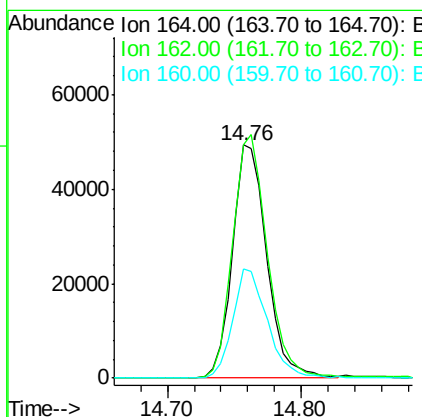
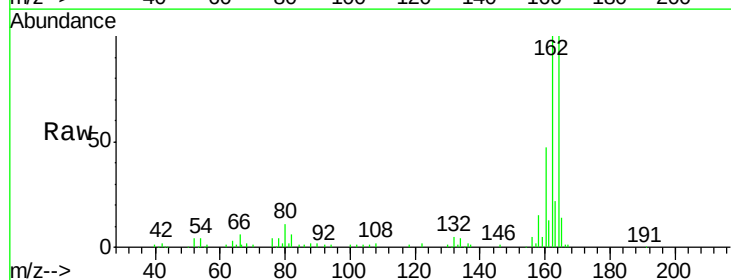
Instrument :
 BNA_G
 ClientSampled :

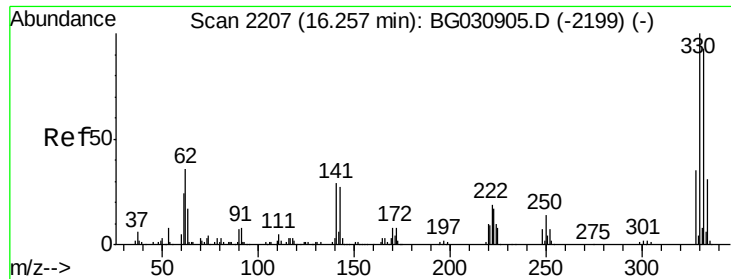
Tot Ion	82	Resp	193357
Ion Ratio	100	Lower	Upper
128	44.4	29.7	44.5
54	47.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031036.D
 Acq: 16 Nov 2017 6:17

Tgt Ion	164	Resp	87955
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.3	78.8	118.2
160	47.1	35.4	53.0

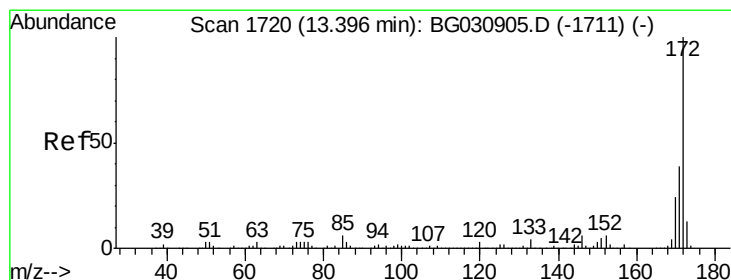
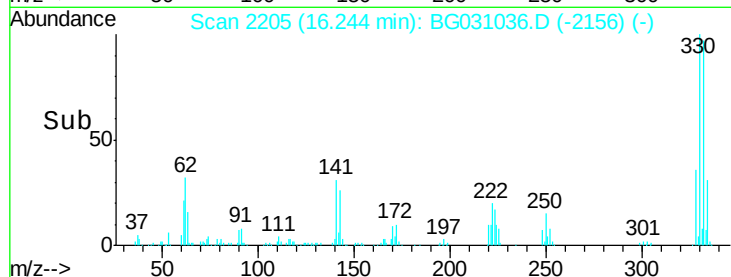
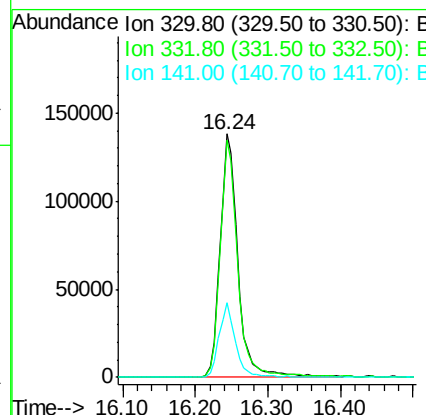
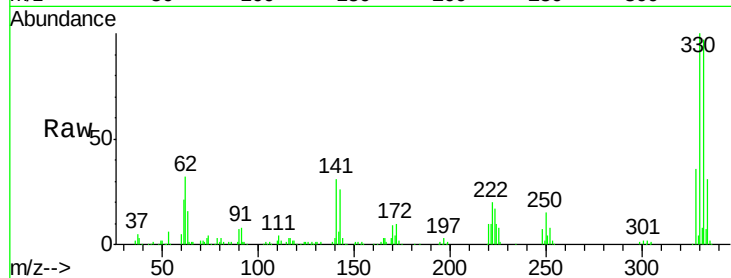




#41
 2,4,6-Tribromophenol
 Concen: 165.43 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031036.D
 Acq: 16 Nov 2017 6:17

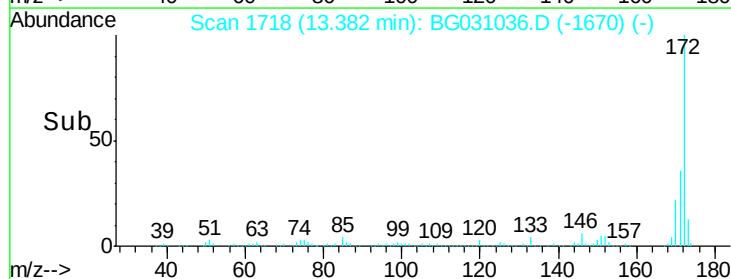
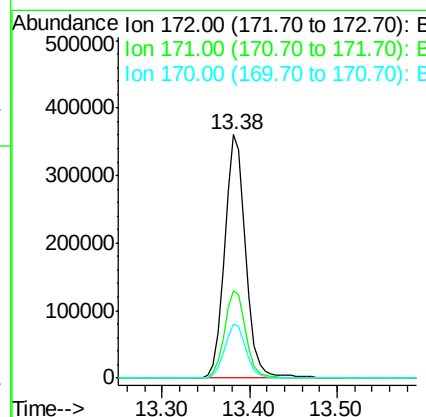
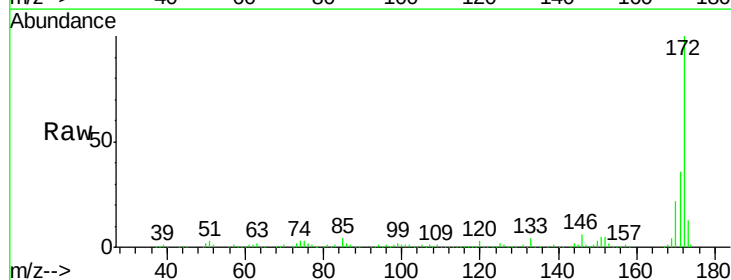
Instrument :
 BNA_G
 ClientSampleId :

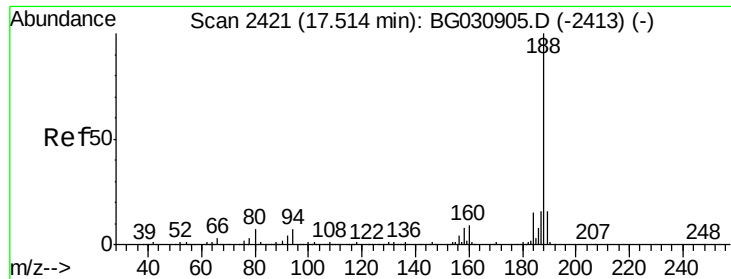
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	28.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.75 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031036.D
 Acq: 16 Nov 2017 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	22.4	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031036.D

Acq: 16 Nov 2017 6:17

Instrument :

BNA_G

ClientSampleId :

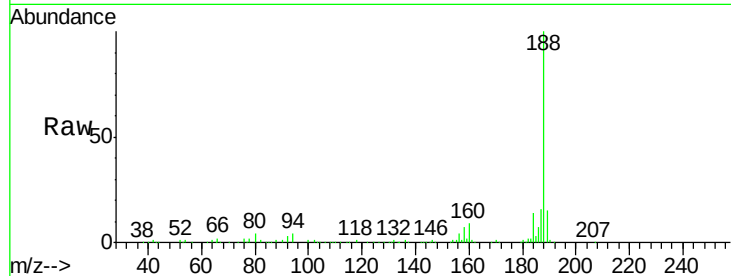
Tot Ion:188 Resp: 268362

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

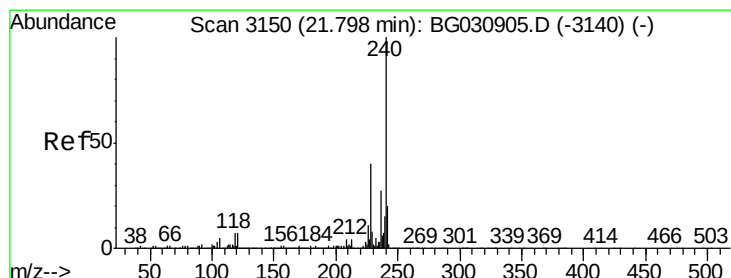
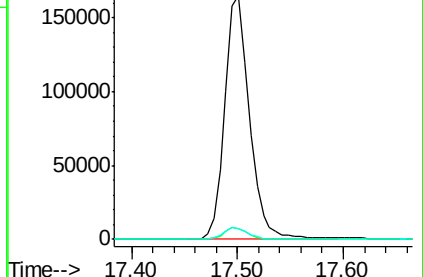
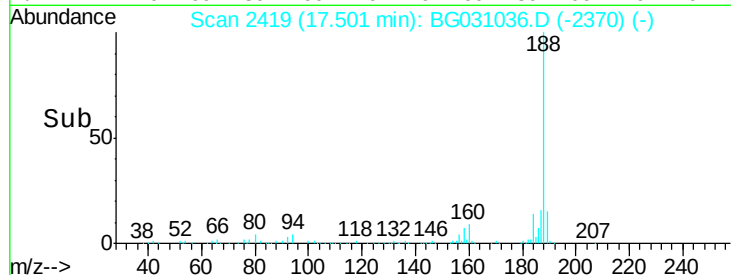
80 4.4 7.7 11.5#



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# 3146

Delta R.T. -0.01 min

Lab File: BG031036.D

Acq: 16 Nov 2017 6:17

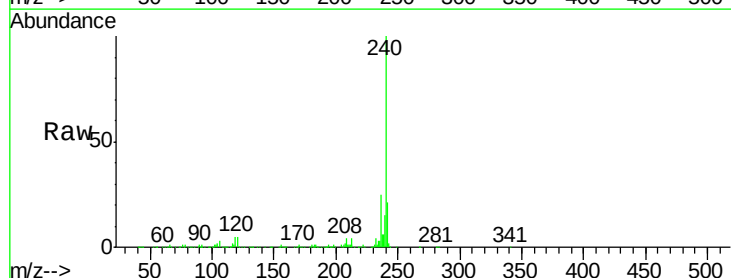
Tgt Ion:240 Resp: 395105

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

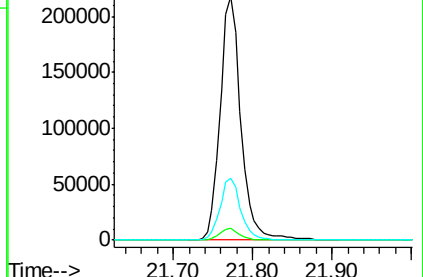
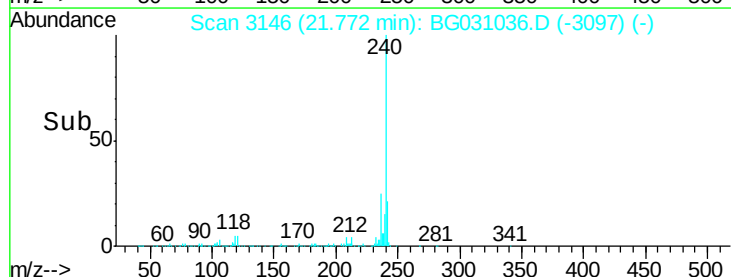
236 25.3 20.9 31.3

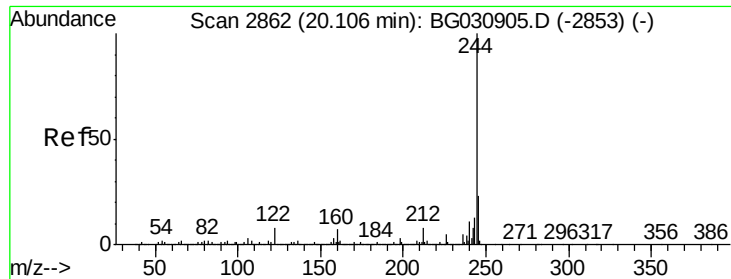


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

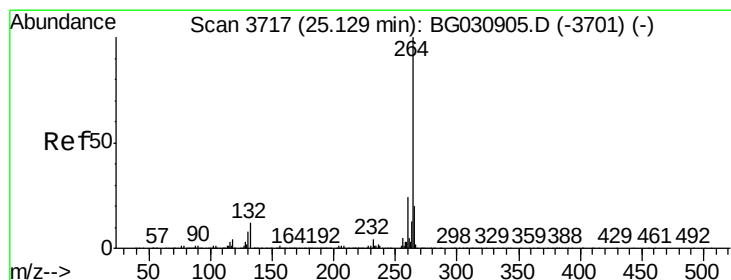
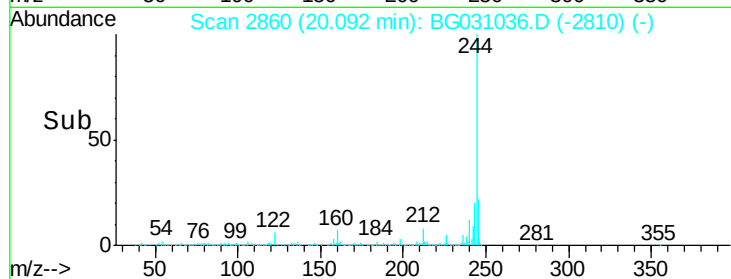
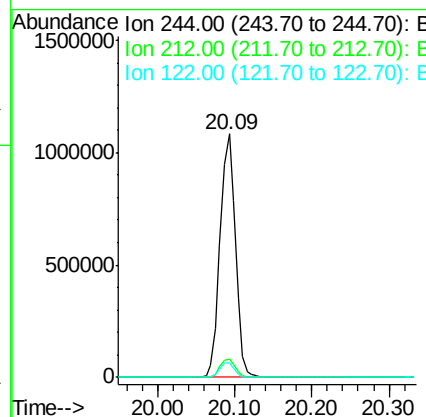
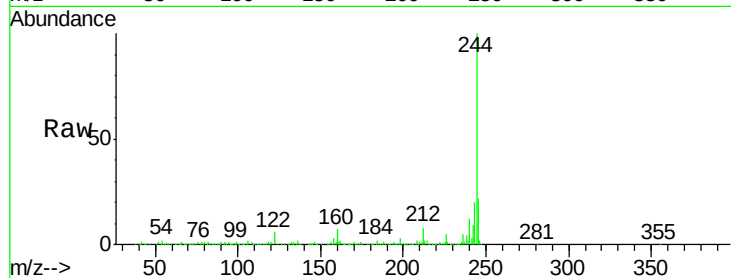




#78
 Terphenyl-d14
 Concen: 82.92 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031036.D
 Acq: 16 Nov 2017 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1483715
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 6.1 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG031036.D
 Acq: 16 Nov 2017 6:17

Tgt Ion:264 Resp: 387930
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 22.2 17.7 26.5

