

Data File : BG030971.D
Acq On : 13 Nov 2017 13:54
Operator : SJ/JU
Sample : PB104196BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104196BL

Quant Time: Nov 14 04:48:39 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	45575	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	187692	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	122707	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	341600	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	461263	20.00	ng	-0.01
86) Perylene-d12	25.07	264	463049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	224140	84.33	ng	0.00
7) Phenol-d6	7.31	99	274307	76.61	ng	0.00
23) Nitrobenzene-d5	9.31	82	164670	51.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	186957	94.18	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	493231	57.76	ng	-0.01
78) Terphenyl-d14	20.09	244	1105290	52.91	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.94	184	53	5.91	ng	Qvalue # 1

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

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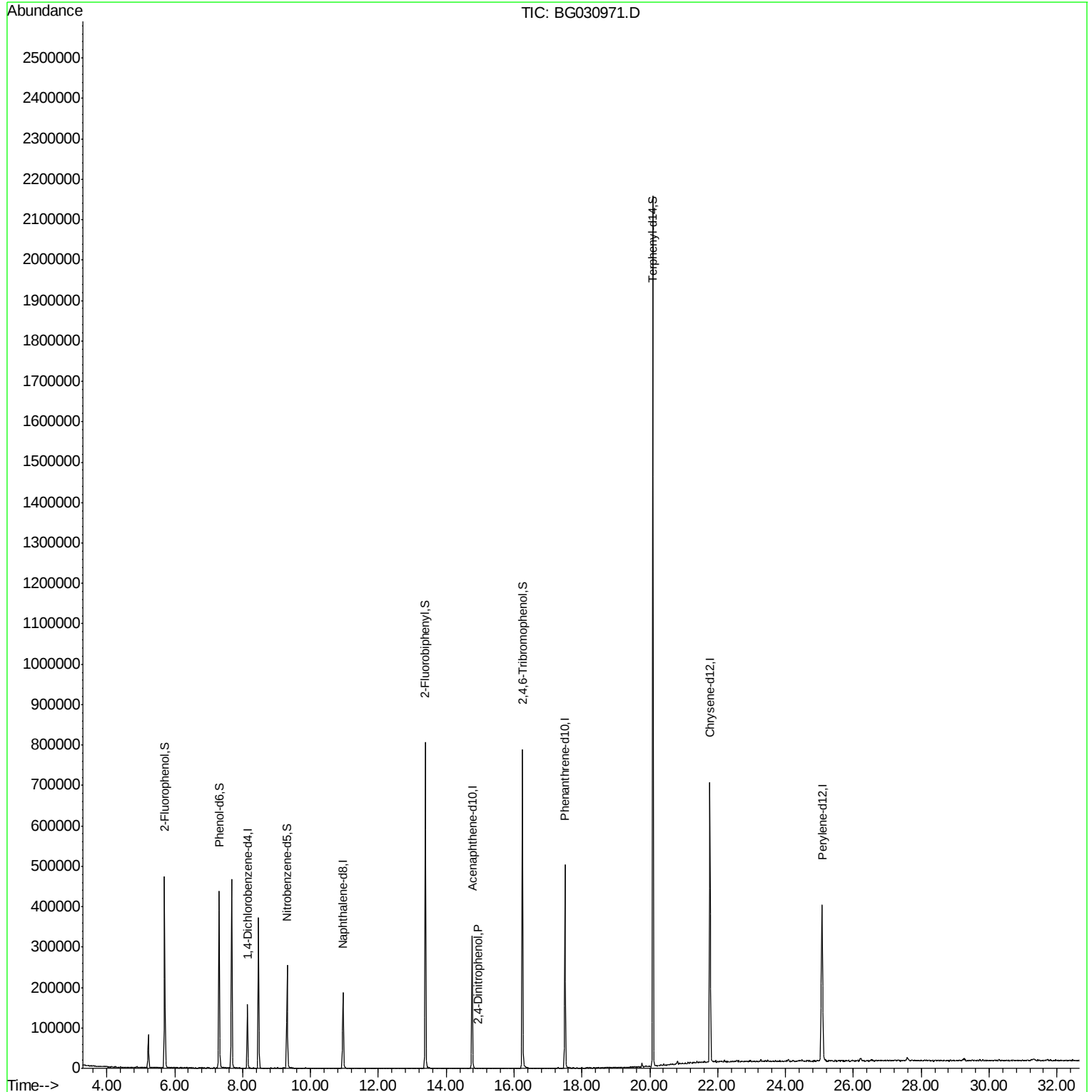
Quant Time: Nov 14 04:48:39 2017

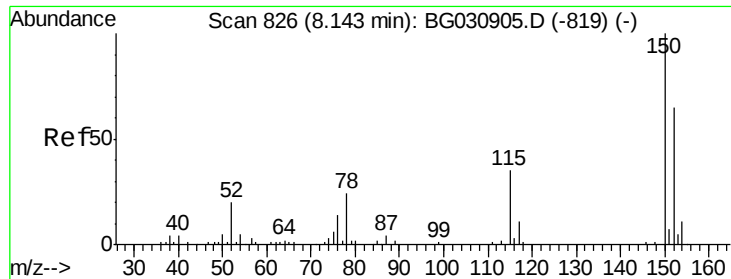
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

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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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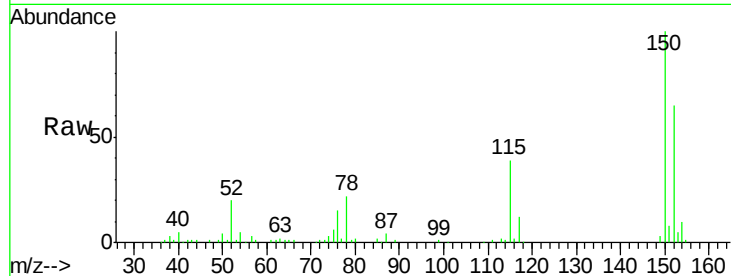
Tgt Ion:152 Resp: 45575

Ion Ratio Lower Upper

152 100

150 153.9 126.6 189.8

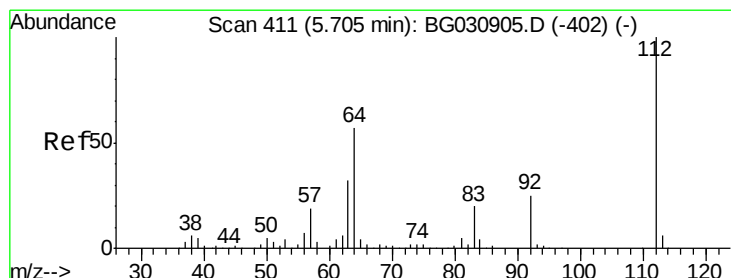
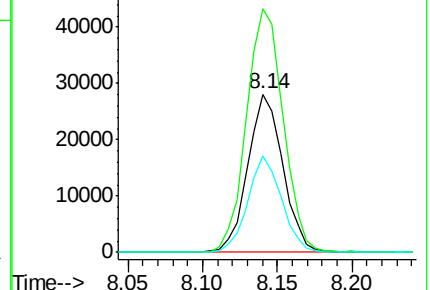
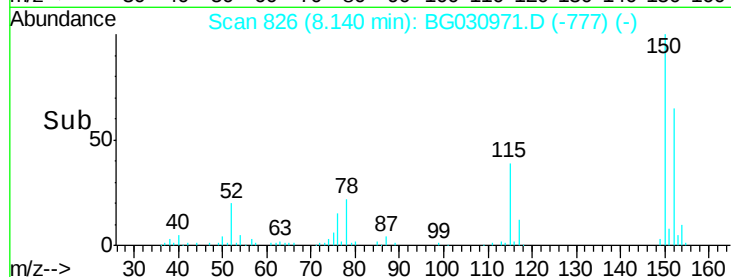
115 60.7 53.0 79.4



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: 84.33 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

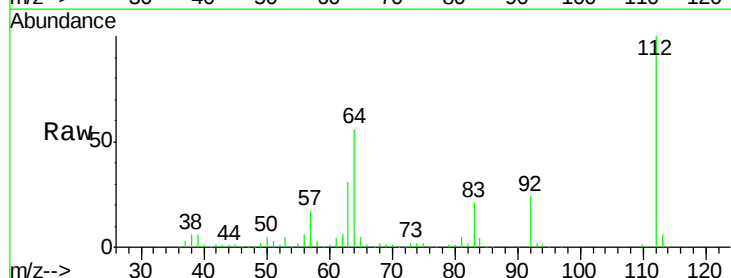
Tgt Ion:112 Resp: 224140

Ion Ratio Lower Upper

112 100

64 56.1 56.3 84.5#

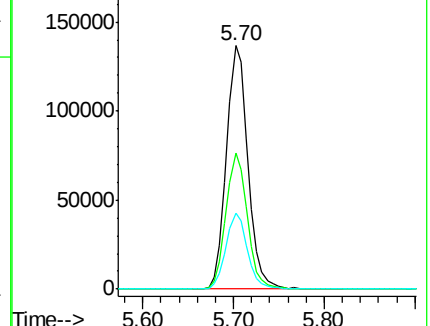
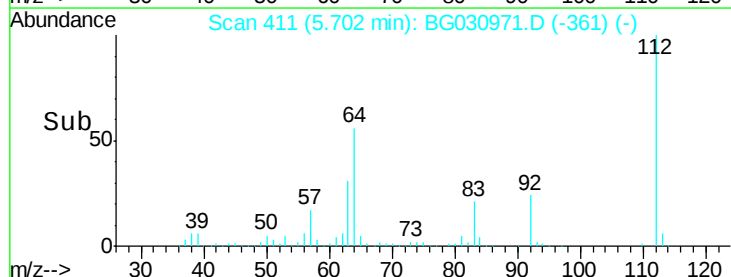
63 31.2 30.1 45.1

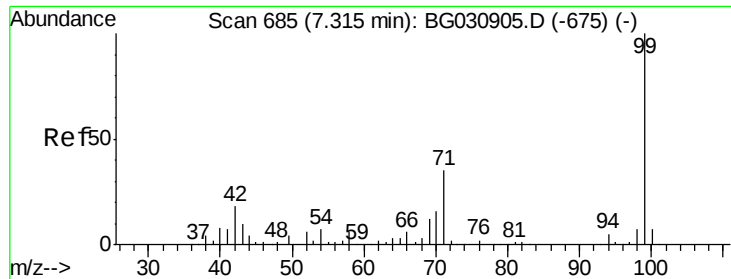


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 76.61 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

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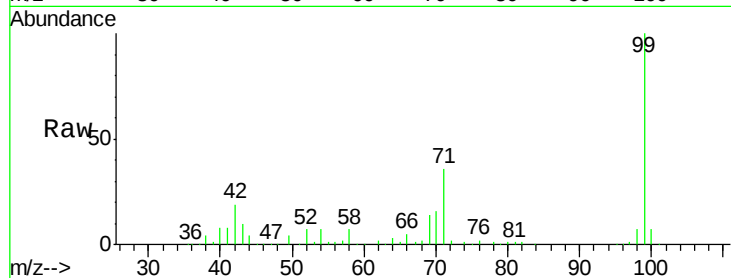
Tgt Ion: 99 Resp: 274307

Ion Ratio Lower Upper

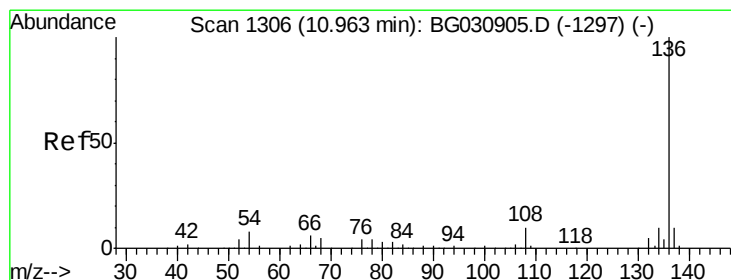
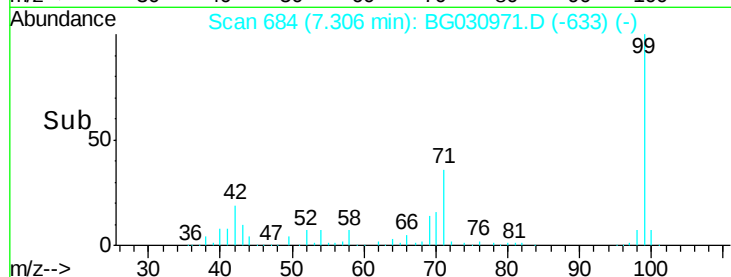
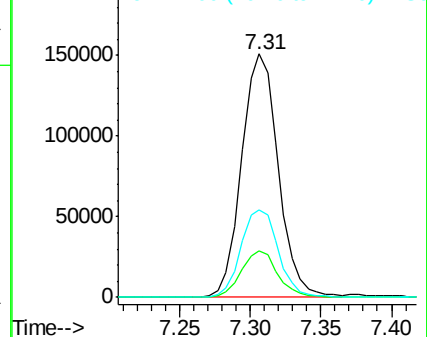
99 100

42 19.1 14.1 21.1

71 35.8 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

Tgt Ion: 136 Resp: 187692

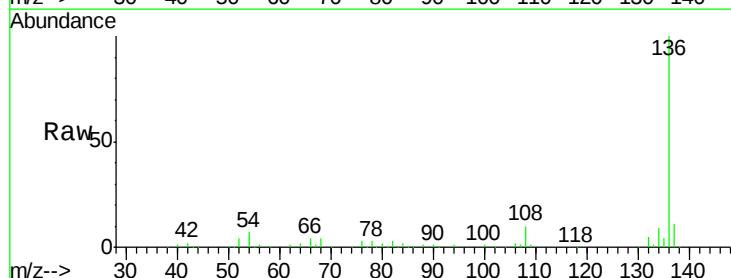
Ion Ratio Lower Upper

136 100

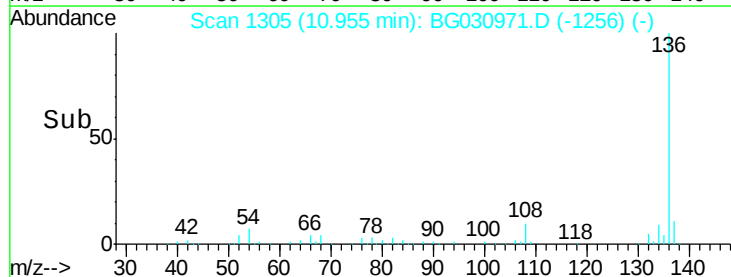
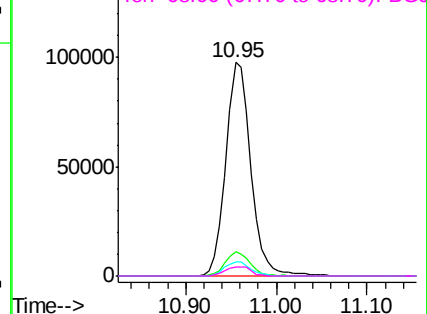
137 11.4 9.2 13.8

54 6.5 10.3 15.5#

68 4.5 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

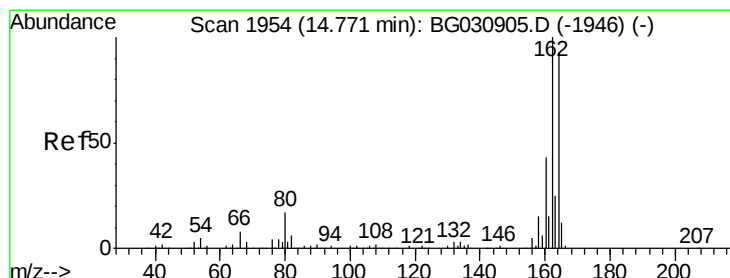
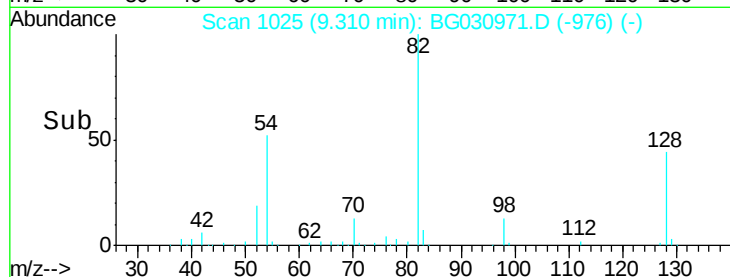
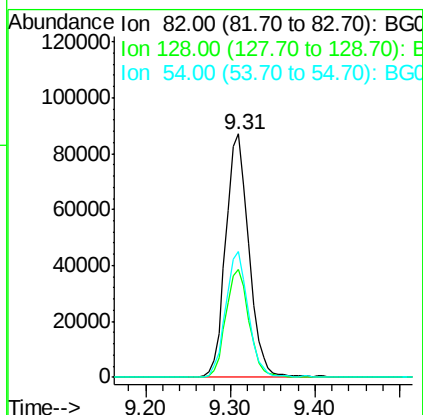
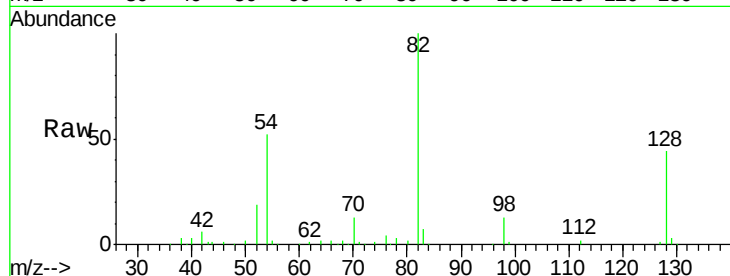




#23
 Nitrobenzene-d5
 Concen: 51.99 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

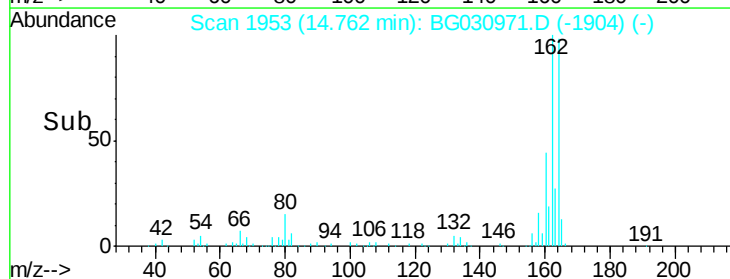
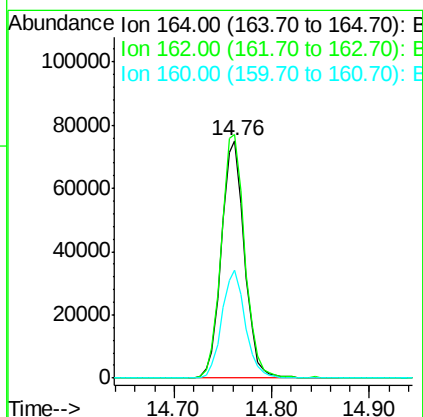
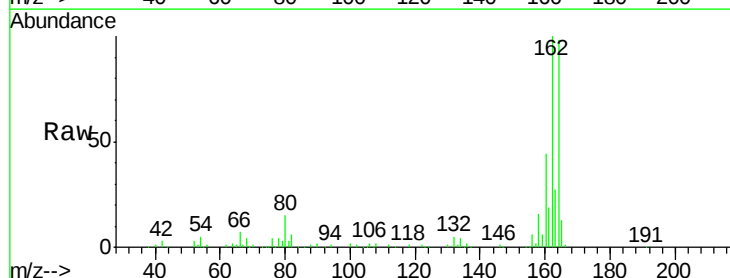
Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	51.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	45.4	35.4	53.0

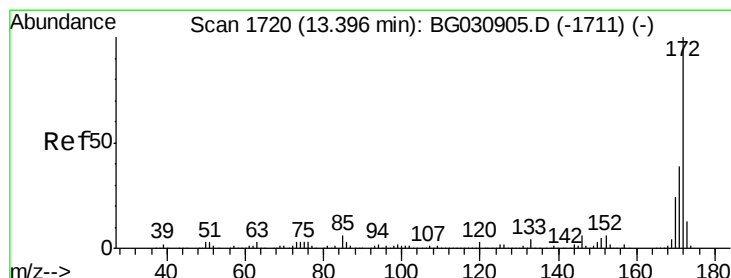
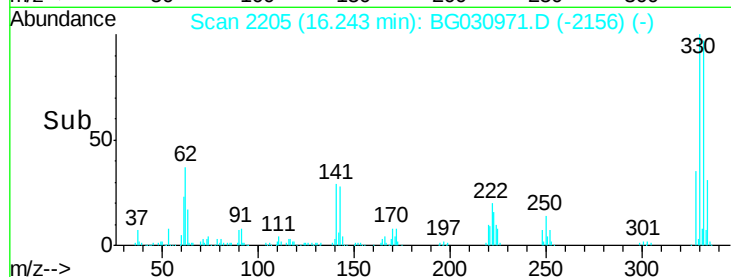
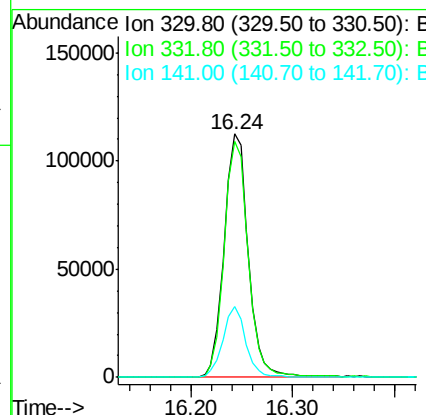
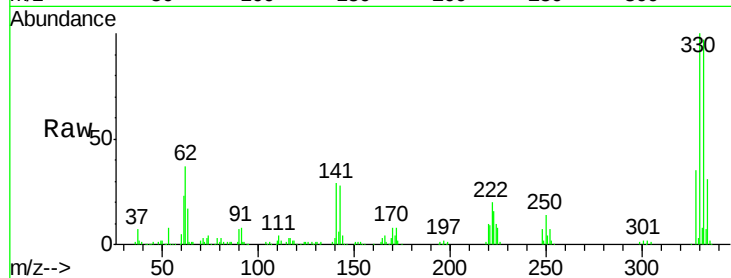




#41
 2,4,6-Tribromophenol
 Concen: 94.18 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

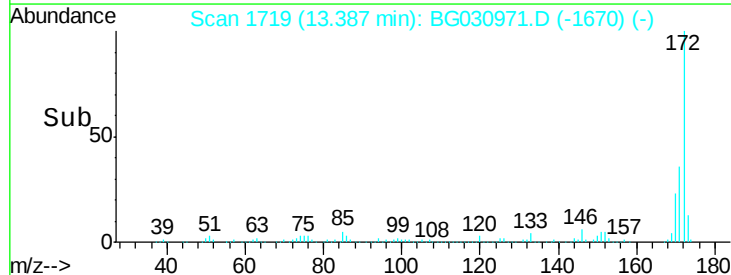
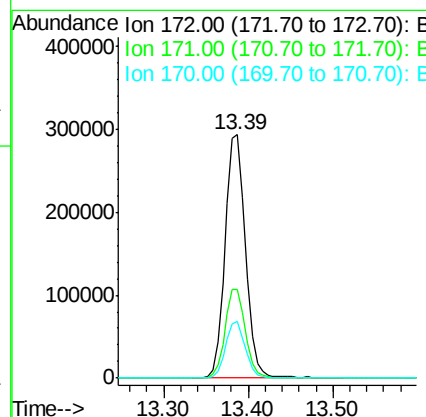
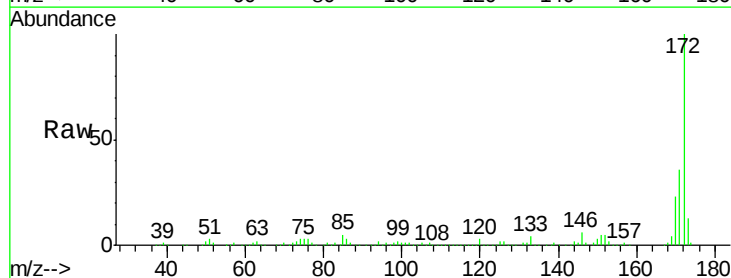
Instrument :
 BNA_G
 ClientSampleID :
 PB104196BL

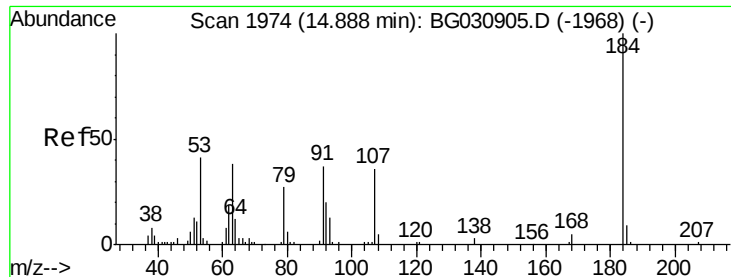
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 57.76 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.4	19.5	29.3

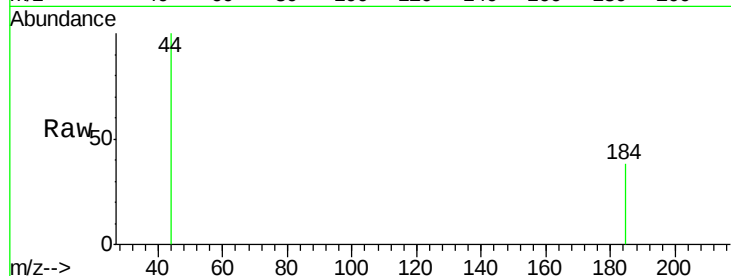




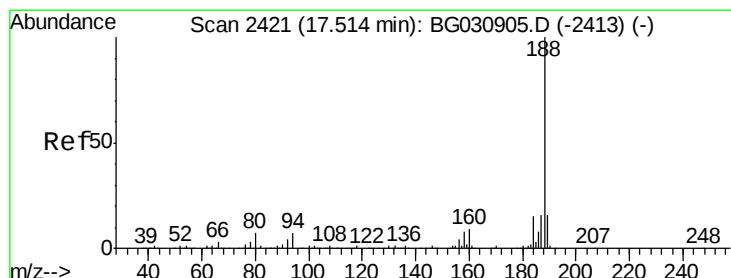
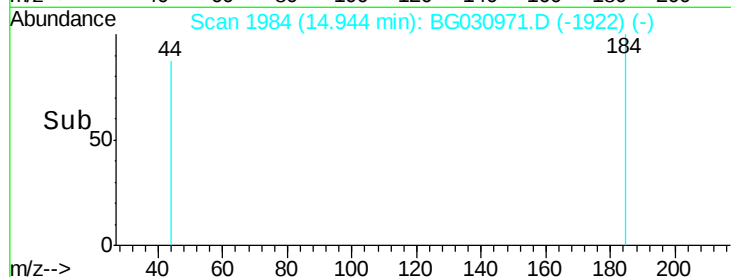
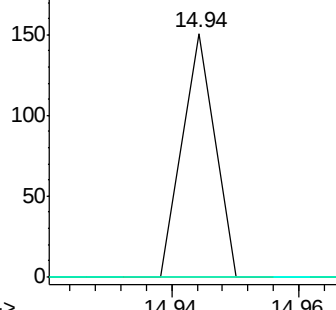
#53
 2,4-Dinitrophenol
 Concen: 5.91 ng
 RT: 14.94 min Scan# 1984
 Delta R.T. 0.06 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BL

Tgt Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

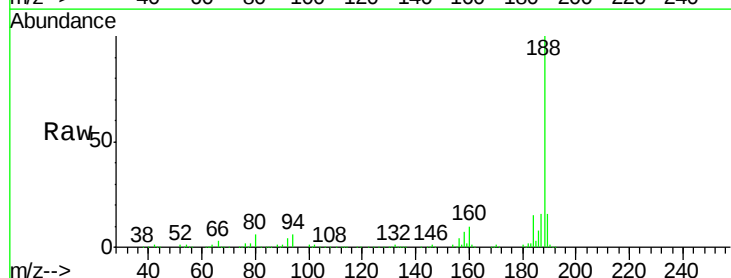


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

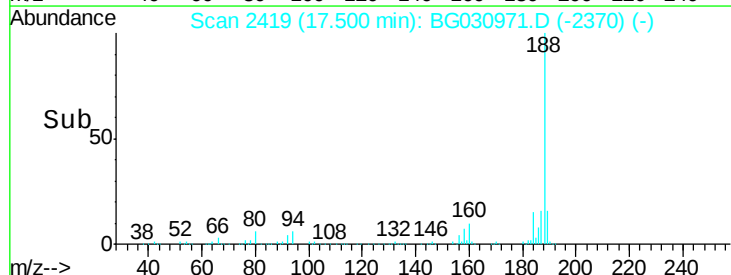
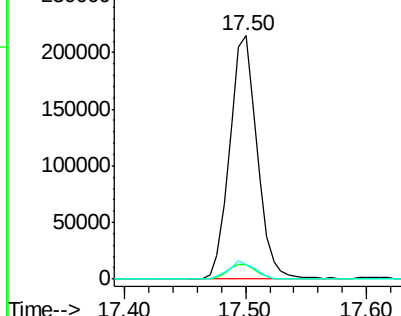


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

Tgt Ion:188 Resp: 341600
 Ion Ratio Lower Upper
 188 100
 94 5.7 6.9 10.3#
 80 6.1 7.7 11.5#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

Instrument :

BNA_G

ClientSampleId :

PB104196BL

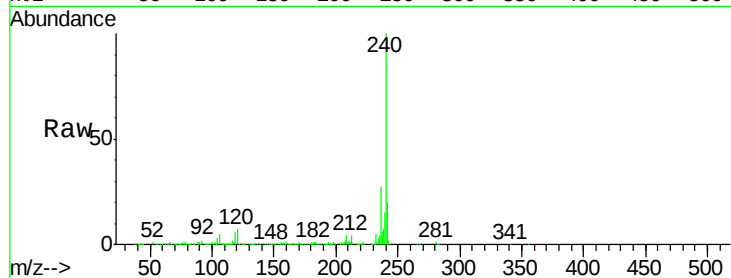
Tgt Ion:240 Resp: 461263

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

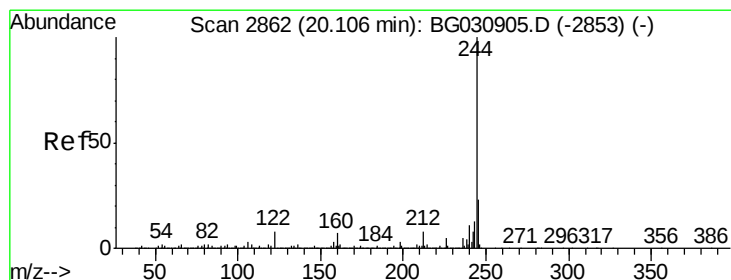
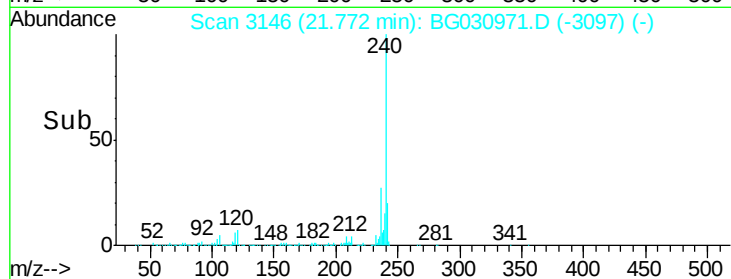
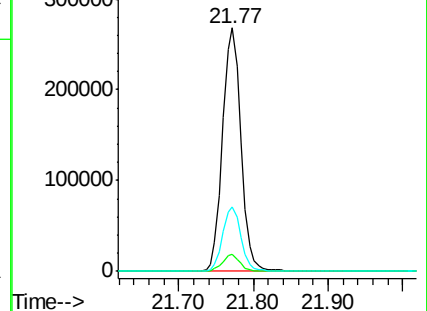
236 26.7 20.9 31.3



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: 52.91 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

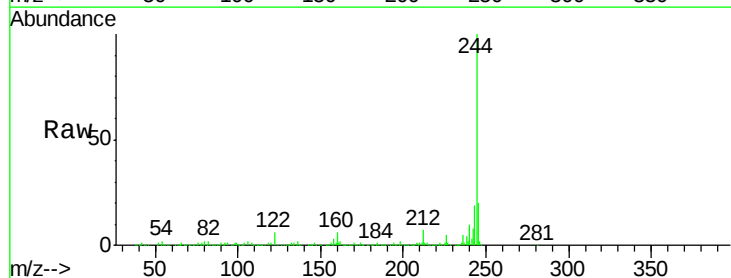
Tgt Ion:244 Resp: 1105290

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

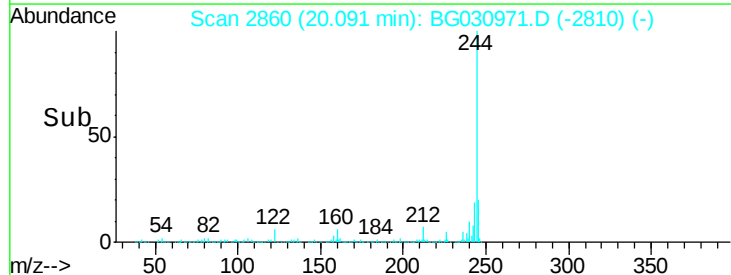
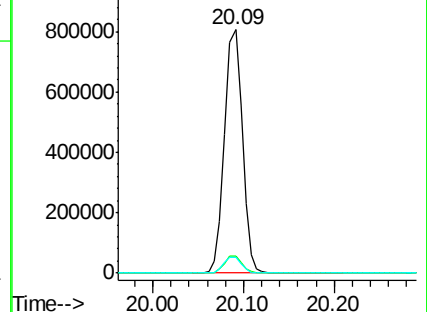
122 6.3 7.0 10.4#

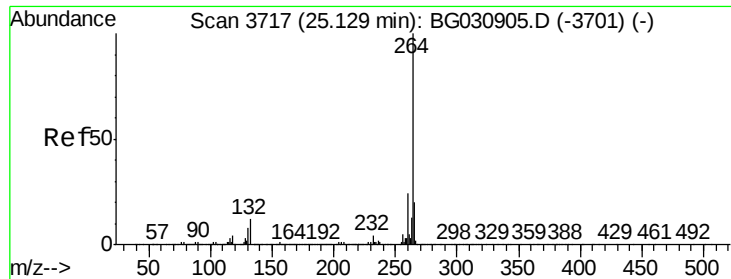


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030971.D
Acq: 13 Nov 2017 13:54

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	23.1	17.7	26.5

