

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031028.D
 Acq On : 16 Nov 2017 1:17
 Operator : SJ/JU
 Sample : I6481-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:46:27 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

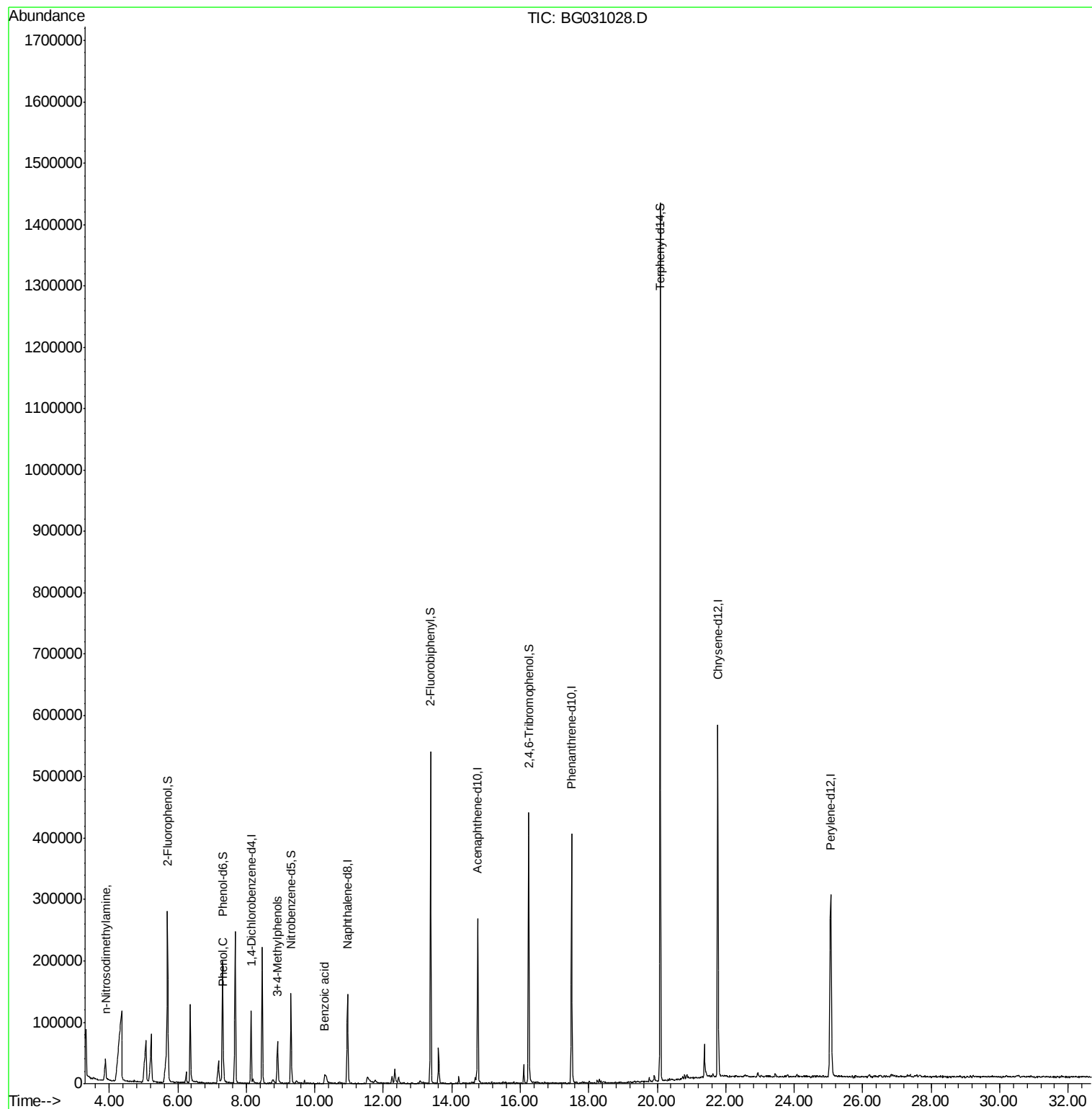
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36706	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	136923	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	98381	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	281731	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	399198	20.00	ng	-0.02
86) Perylene-d12	25.06	264	395035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	103856	48.52	ng	0.00
7) Phenol-d6	7.31	99	121038	41.97	ng	0.00
23) Nitrobenzene-d5	9.31	82	90686	39.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	107438	67.51	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	316247	46.19	ng	-0.02
78) Terphenyl-d14	20.09	244	746268	41.28	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.89	42	5054	4.23	ng	Qvalue # 6
10) Phenol	7.33	94	14637	4.89	ng	90
20) 3+4-Methylphenols	8.91	107	38733	13.06	ng	95
32) Benzoic acid	10.28	122	66	5.70	ng	# 37

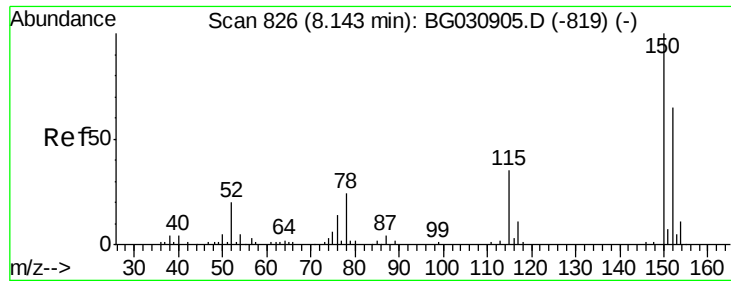
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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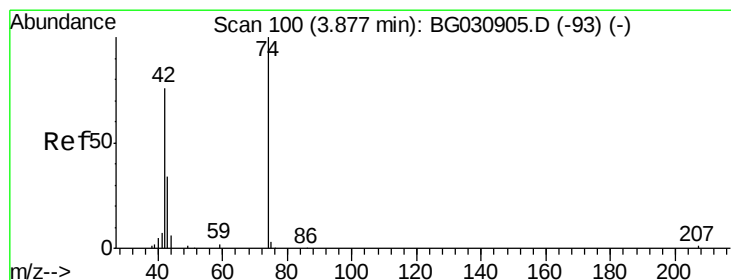
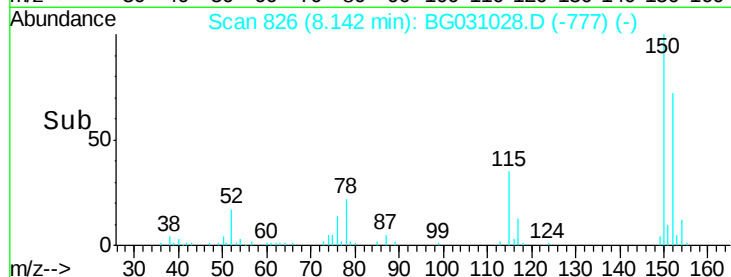
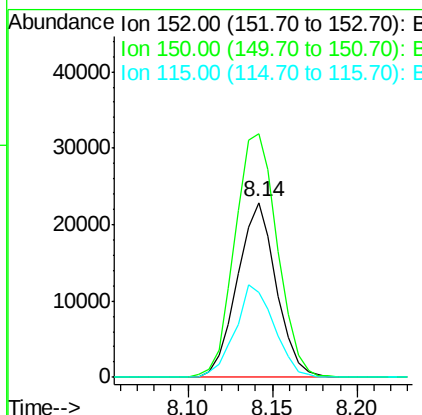
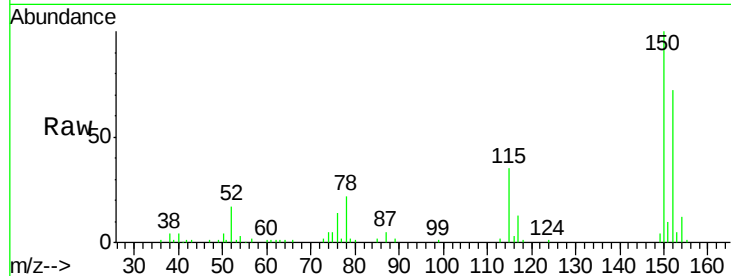


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Instrument :
BNA_G
ClientSampleId :

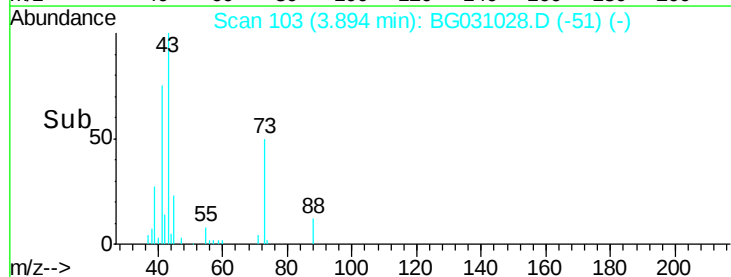
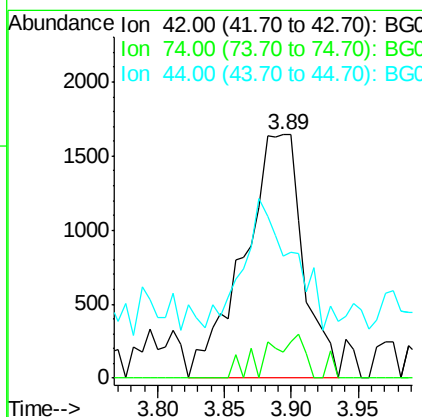
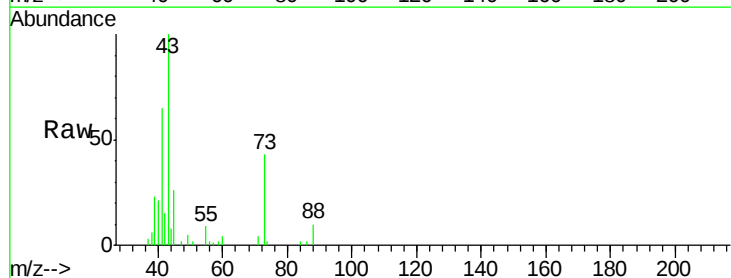
Tot Ion:152 Resp: 36706
Ion Ratio Lower Upper
152 100
150 139.4 126.6 189.8
115 48.4 53.0 79.4#

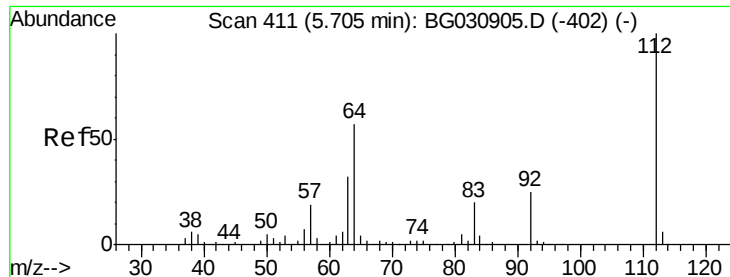


#4

n-Nitrosodimethylamine
Concen: 4.23 ng
RT: 3.89 min Scan# 103
Delta R.T. 0.01 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Tgt Ion: 42 Resp: 5054
Ion Ratio Lower Upper
42 100
74 10.9 102.5 153.7#
44 50.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 48.52 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG031028.D

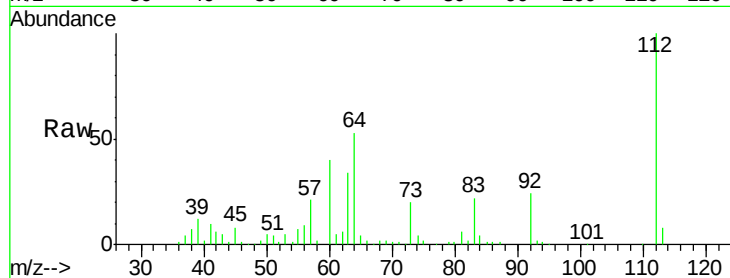
Acq: 16 Nov 2017 1:17

Instrument :

BNA_G

ClientSampleId :

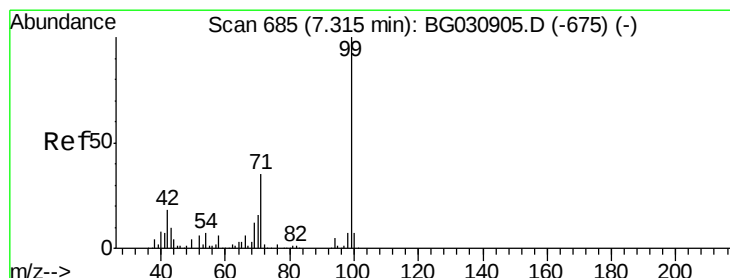
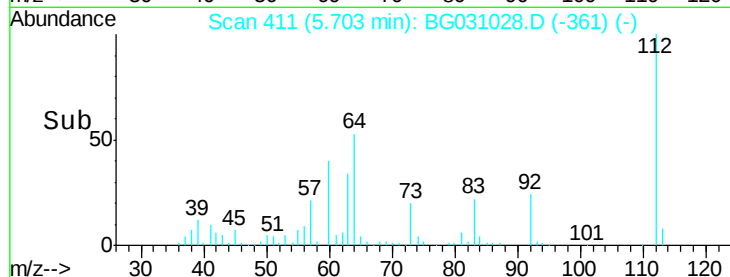
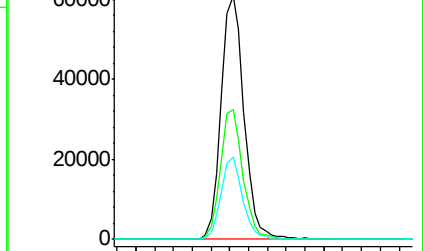
Tot Ion:	112	Resp:	103856
Ion	Ratio	Lower	Upper
112	100		
64	53.3	56.3	84.5#
63	33.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 41.97 ng

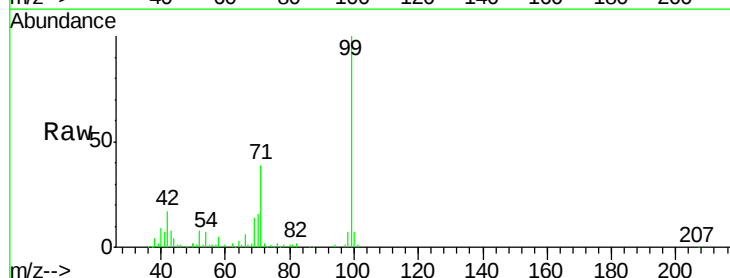
RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

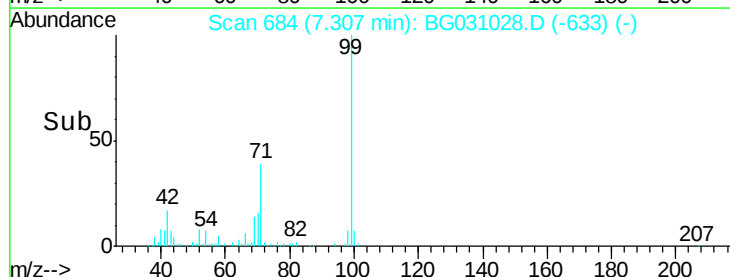
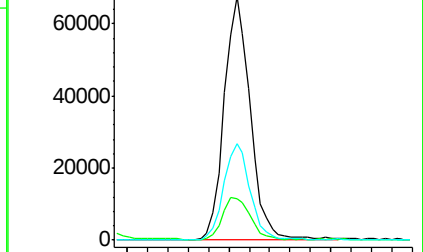
Tgt Ion:	99	Resp:	121038
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	39.4	26.1	39.1#

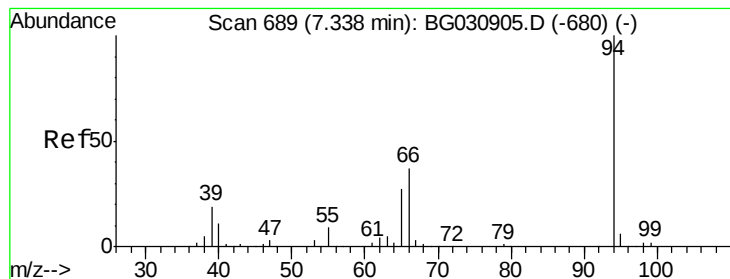


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 4.89 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

Instrument :

BNA_G

ClientSampled :

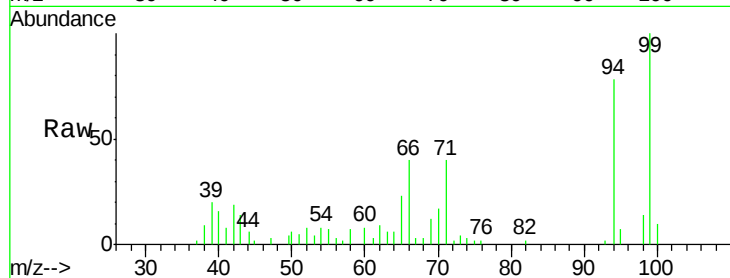
Tot Ion: 94 Resp: 14637

Ion Ratio Lower Upper

94 100

65 29.9 11.9 51.9

66 51.3 22.2 62.2

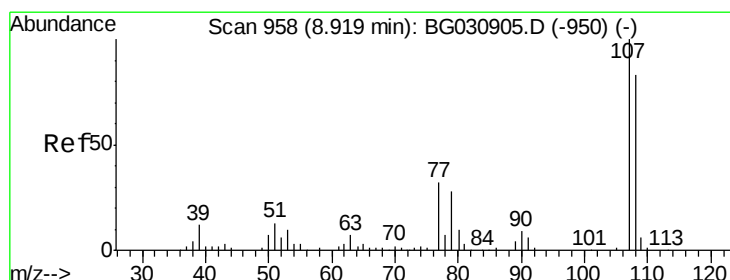
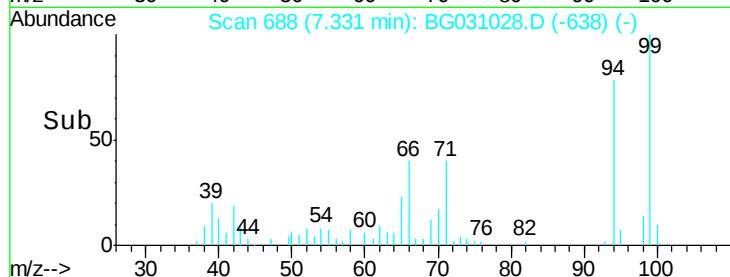
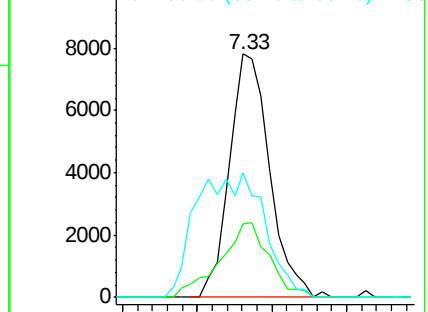


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#20

3+4-Methylphenols

Concen: 13.06 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

Tgt Ion: 107 Resp: 38733

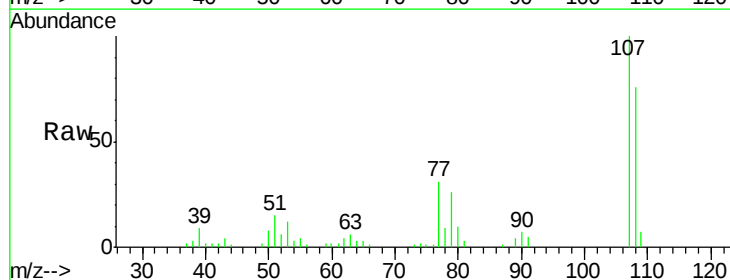
Ion Ratio Lower Upper

107 100

108 76.5 61.6 101.6

77 31.4 13.9 53.9

79 25.8 8.8 48.8



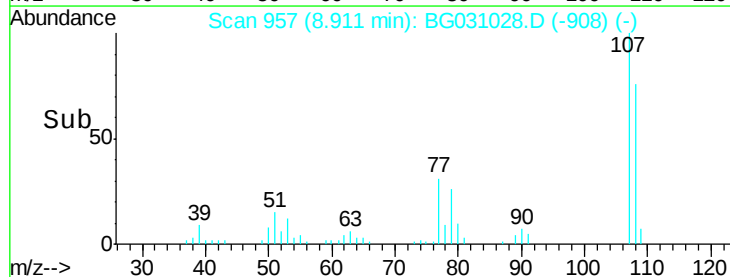
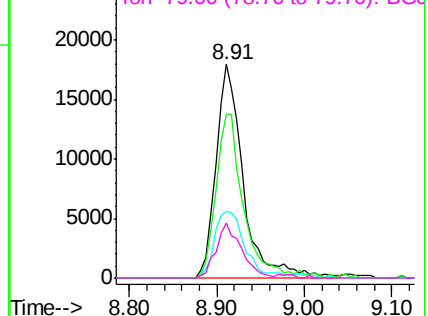
Abundance

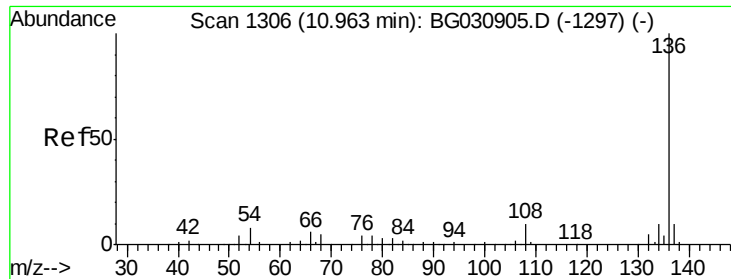
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

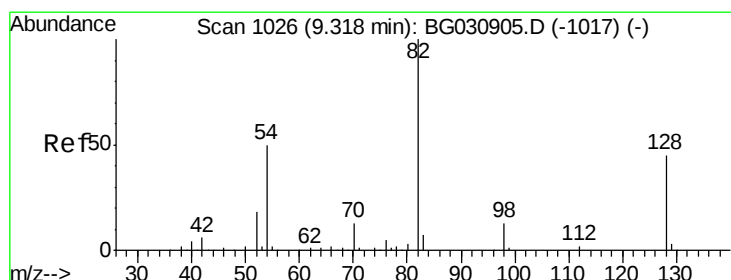
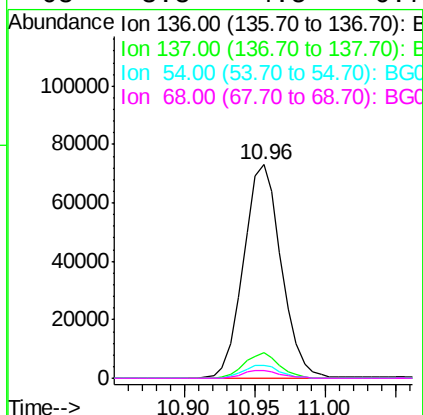
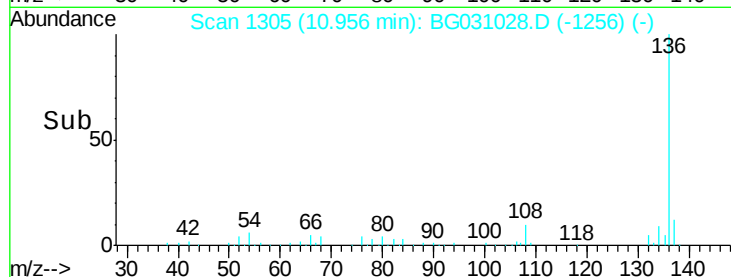
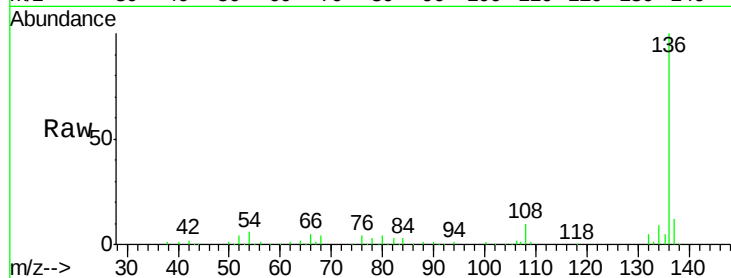




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

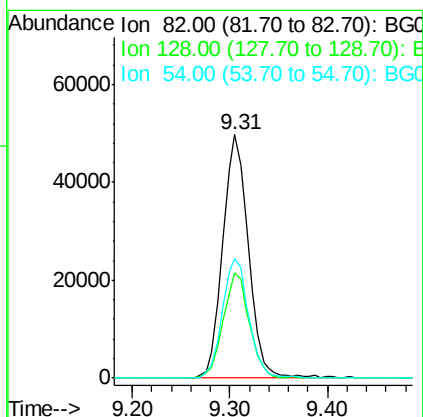
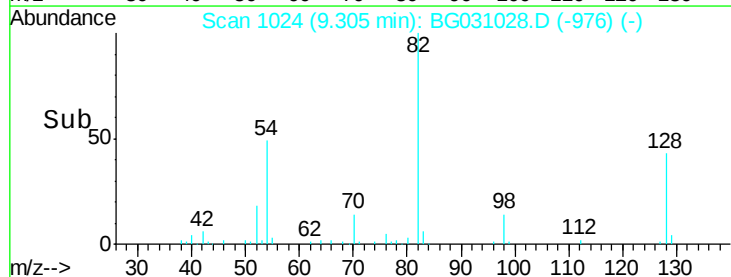
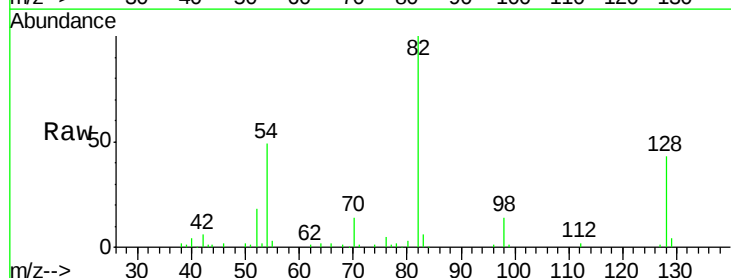
Instrument :
BNA_G
ClientSampleId :

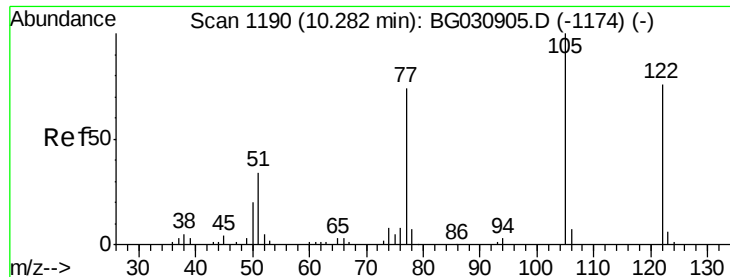
Tot Ion:136	Resp:	136923
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	6.3	10.3 15.5#
68	3.8	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 39.25 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Tgt Ion: 82	Resp:	90686
Ion Ratio	Lower	Upper
82	100	
128	43.2	29.7 44.5
54	49.2	43.1 64.7

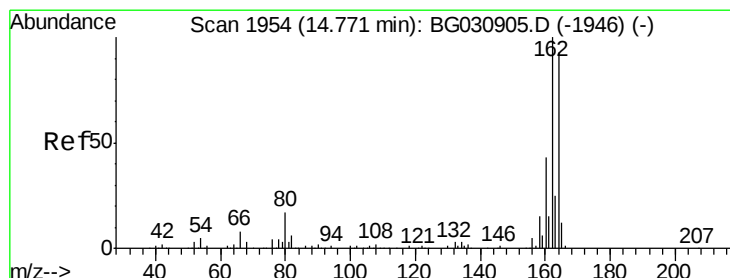
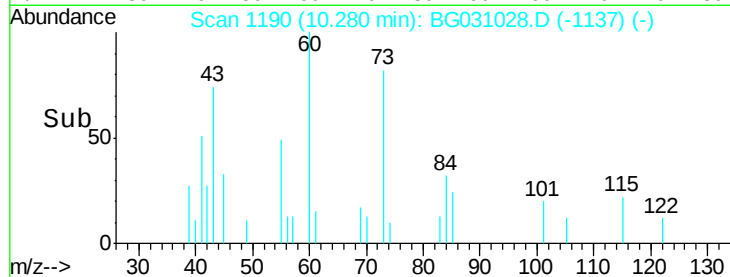
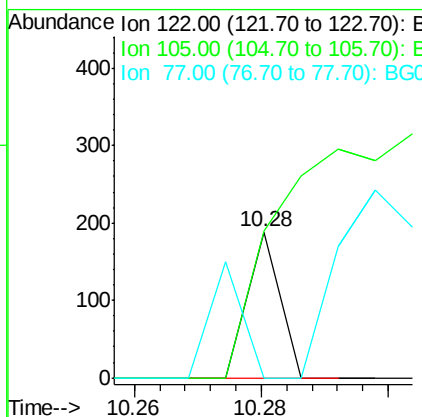
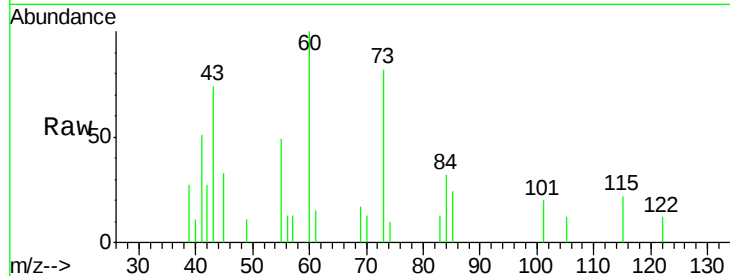




#32
Benzoic acid
Concen: 5.70 ng
RT: 10.28 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

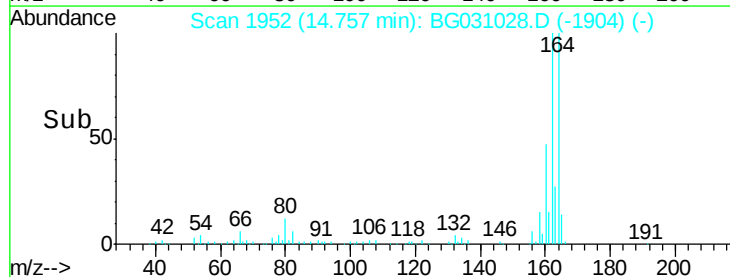
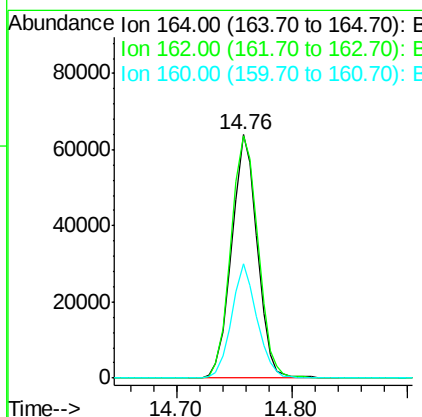
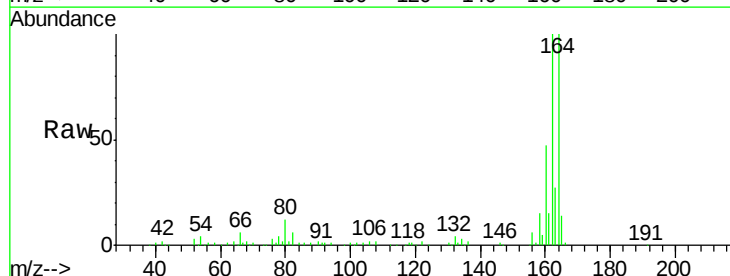
Instrument :
BNA_G
ClientSampleId :

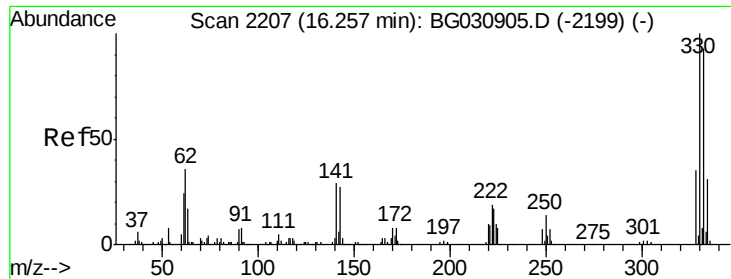
Tot Ion	Ratio	Lower	Upper
122	100		
105	101.1	123.5	163.5#
77	0.0	85.7	125.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	47.1	35.4	53.0

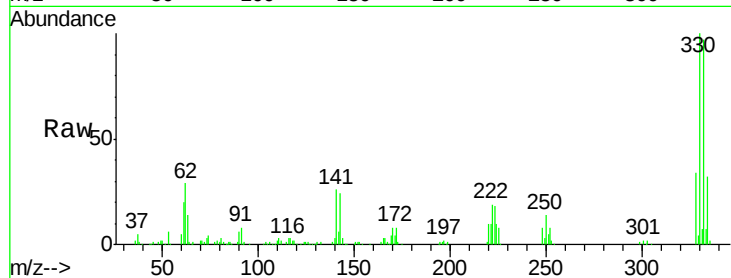




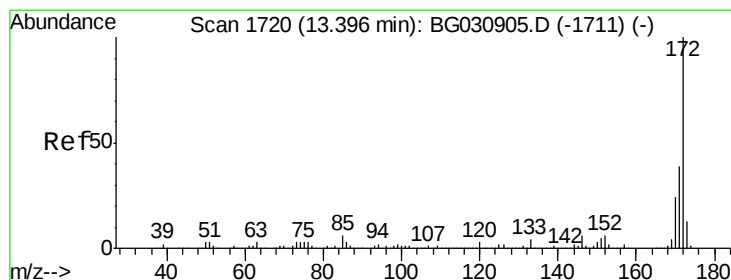
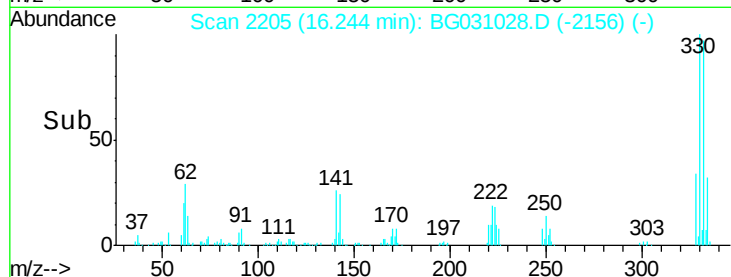
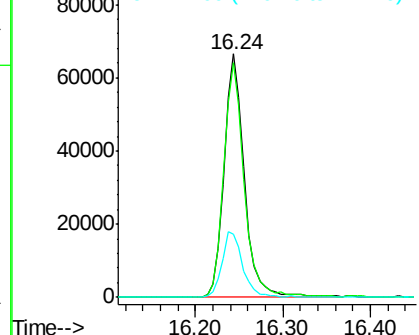
#41
 2,4,6-Tribromophenol
 Concen: 67.51 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	27.4	25.2	37.8

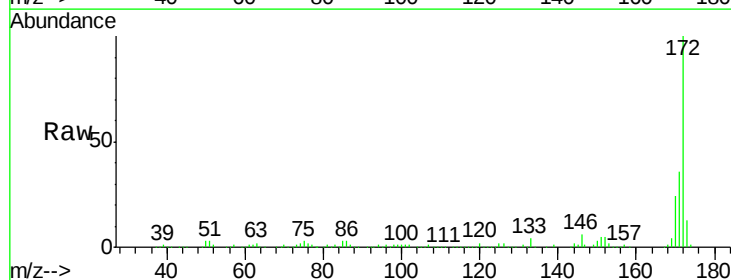


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

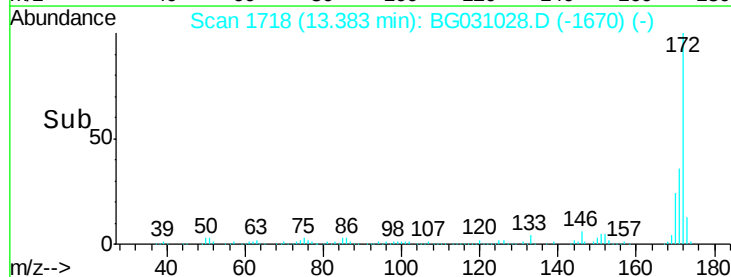
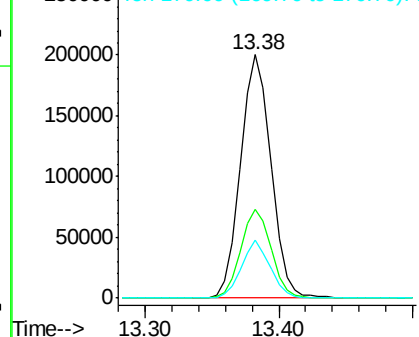


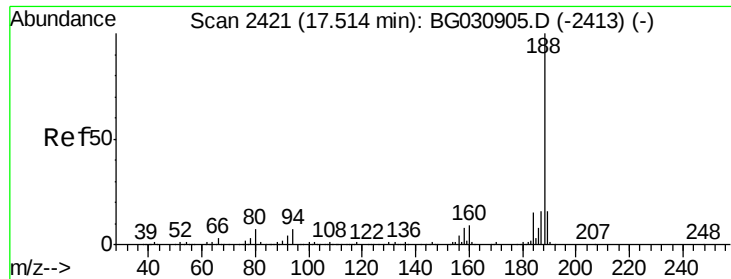
#44
 2-Fluorobiphenyl
 Concen: 46.19 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.9	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

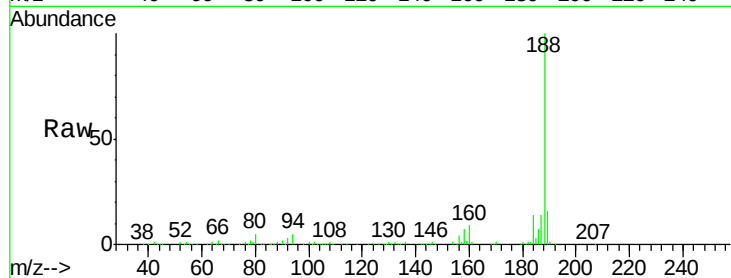




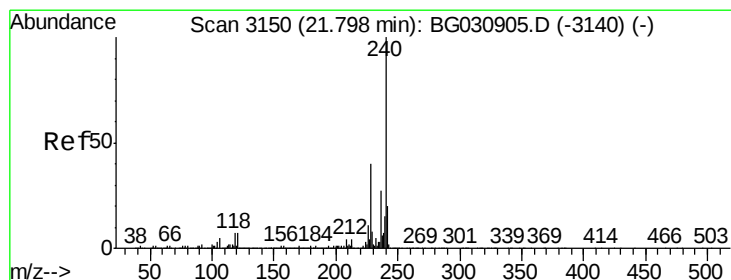
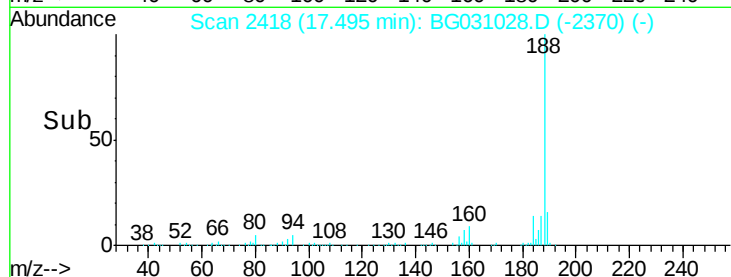
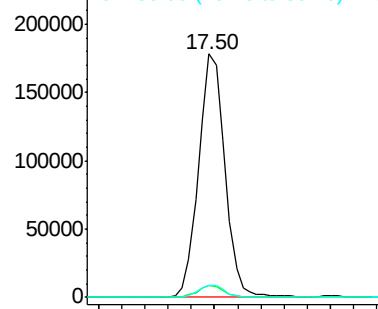
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 281731
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.1 7.7 11.5#

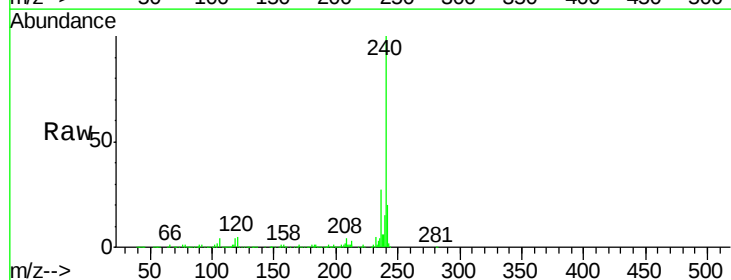


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

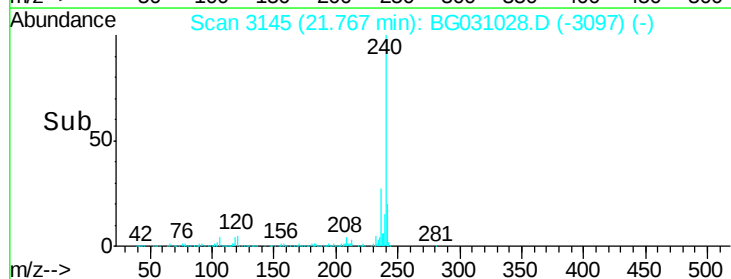
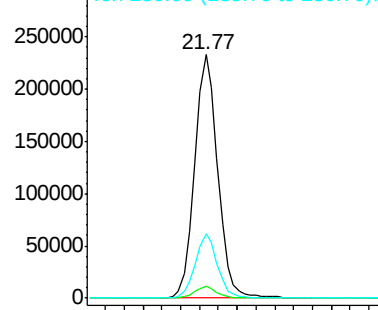


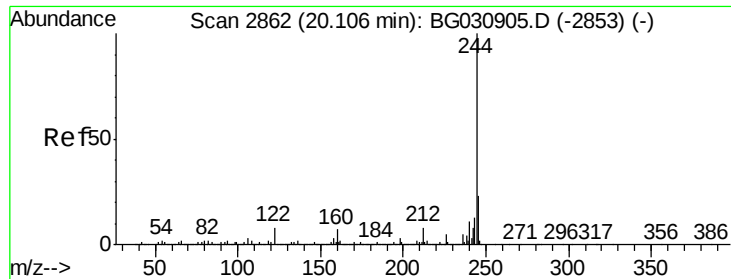
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Tgt Ion:240 Resp: 399198
Ion Ratio Lower Upper
240 100
120 5.0 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: 41.28 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

Instrument :

BNA_G

ClientSampleId :

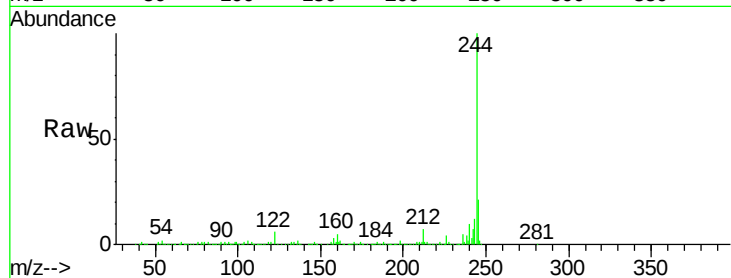
Tot Ion:244 Resp: 746268

Ion Ratio Lower Upper

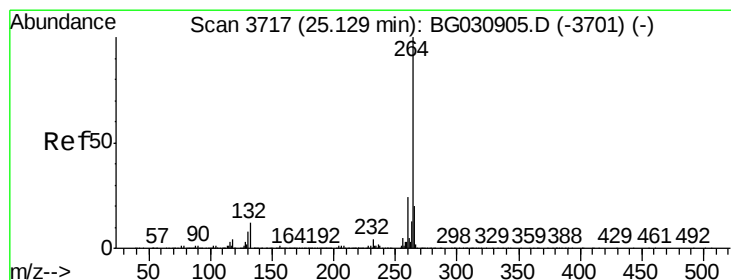
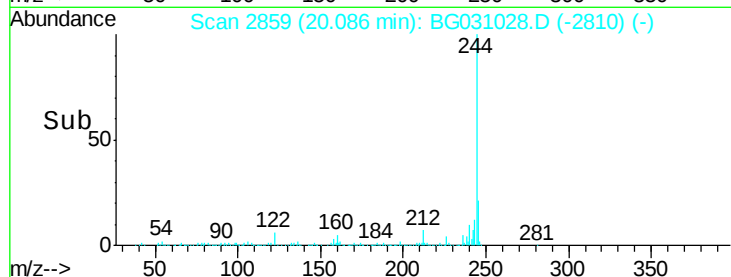
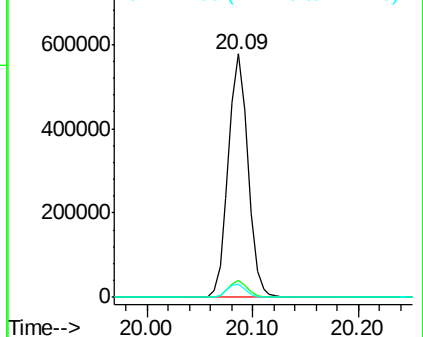
244 100

212 6.9 5.8 8.8

122 5.7 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: BG031028.D

Acq: 16 Nov 2017 1:17

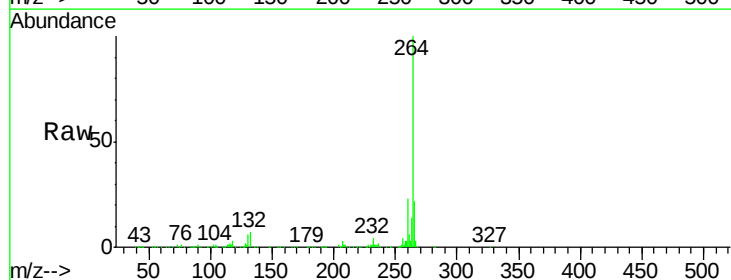
Tgt Ion:264 Resp: 395035

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 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

