

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030979.D
 Acq On : 13 Nov 2017 18:54
 Operator : SJ/JU
 Sample : I6301-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-C

Quant Time: Nov 14 05:49:17 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	36099	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	142670	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	95686	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	282619	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	458349	20.00	ng	-0.02
86) Perylene-d12	25.05	264	449403	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	290204	137.85	ng	0.00
7) Phenol-d6	7.30	99	326713	115.20	ng	0.00
23) Nitrobenzene-d5	9.31	82	247385	102.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	291589	188.38	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	718165	107.84	ng	-0.01
78) Terphenyl-d14	20.08	244	1842032	88.74	ng	-0.02

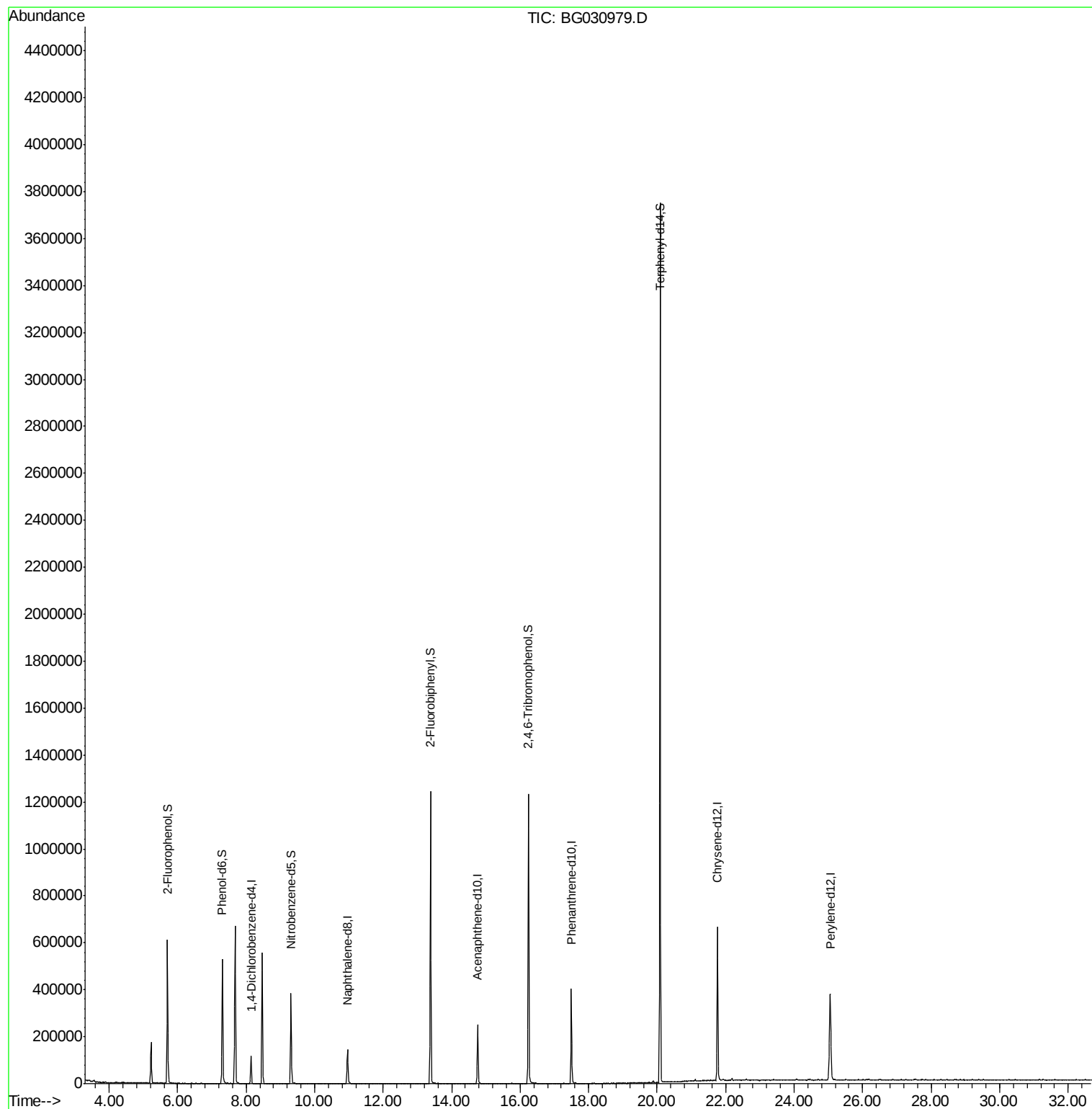
Target Compounds Qvalue

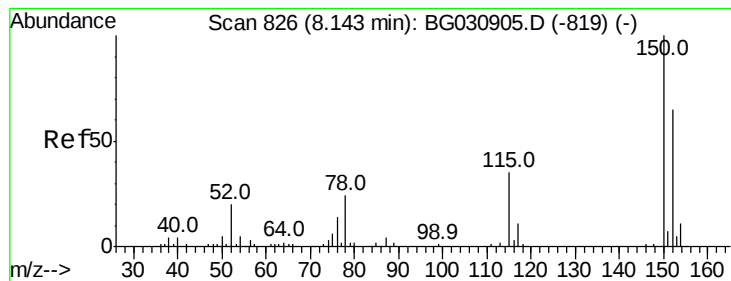
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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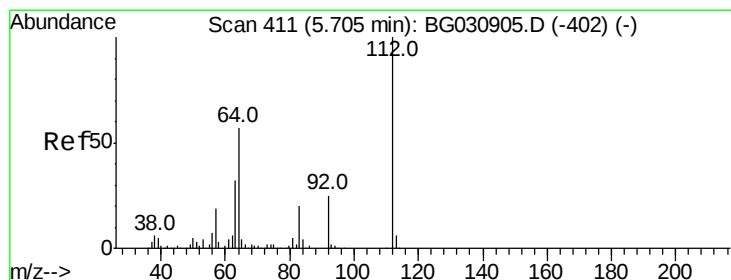
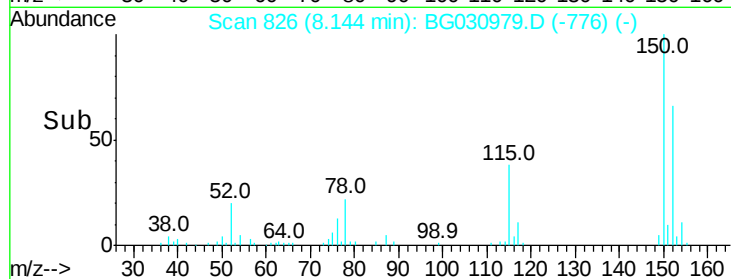
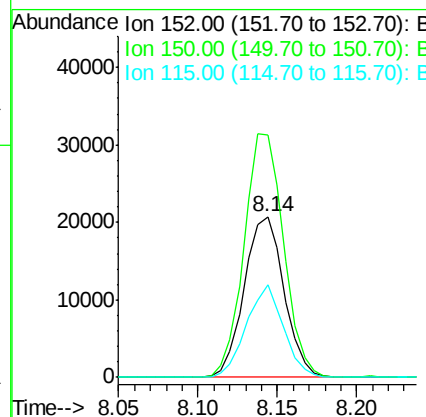
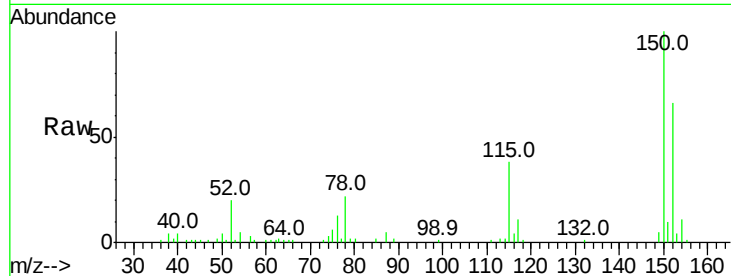


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

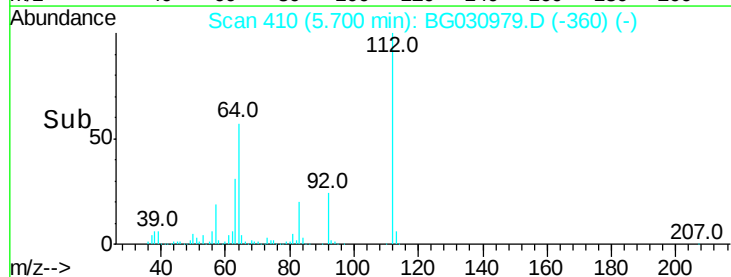
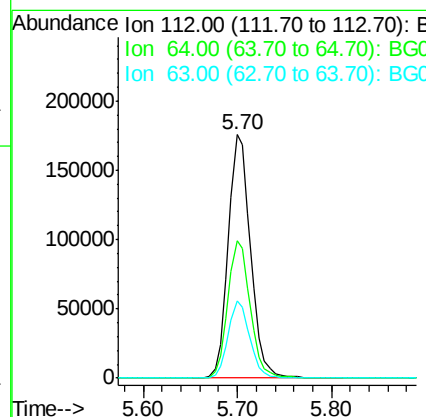
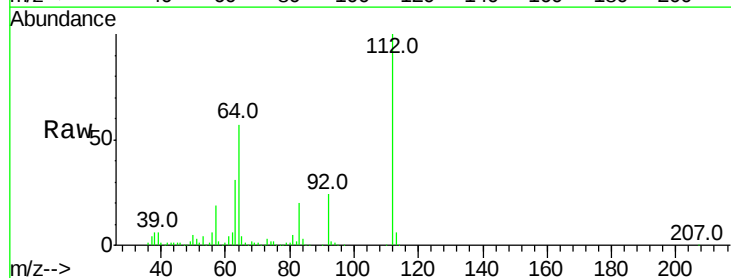
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.6	189.8
115	58.0	53.0	79.4

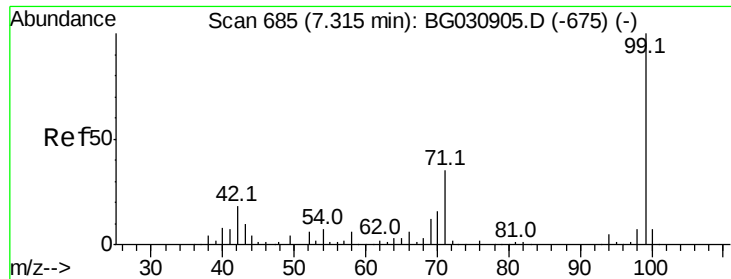


#5

2-Fluorophenol
Concen: 137.851 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	56.3	84.5
63	31.5	30.1	45.1





#7

Phenol-d6

Concen: 115.196 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-C

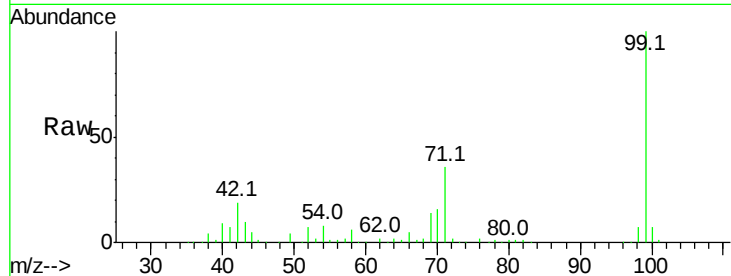
Tot Ion: 99 Resp: 326713

Ion Ratio Lower Upper

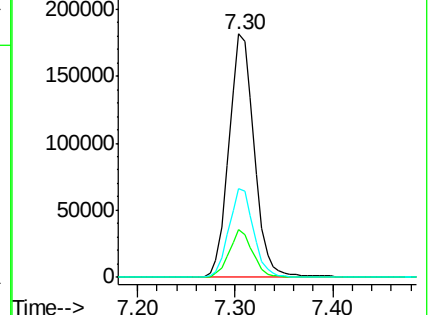
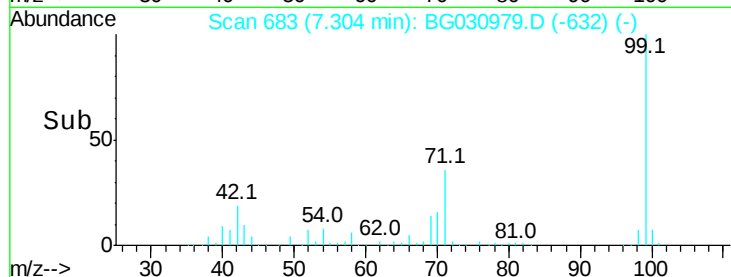
99 100

42 19.4 14.1 21.1

71 36.3 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

Tgt Ion: 136 Resp: 142670

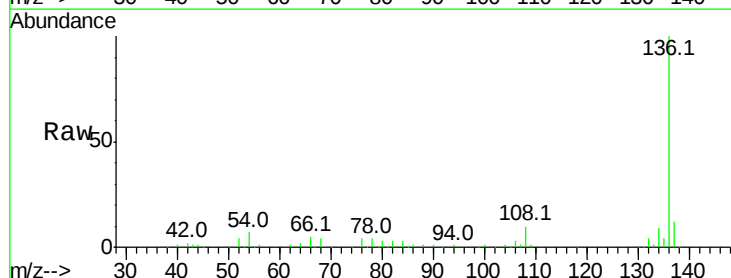
Ion Ratio Lower Upper

136 100

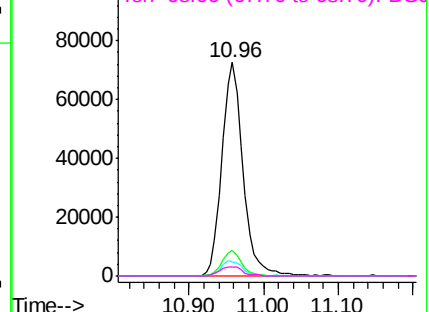
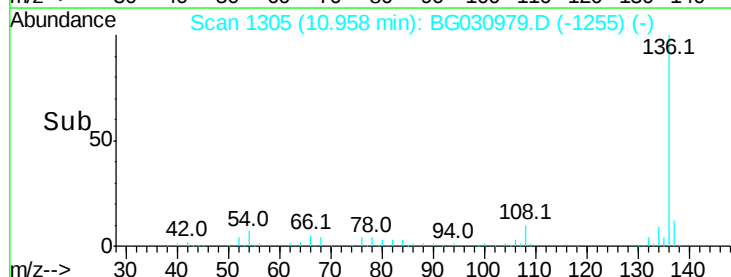
137 11.7 9.2 13.8

54 6.8 10.3 15.5#

68 4.4 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

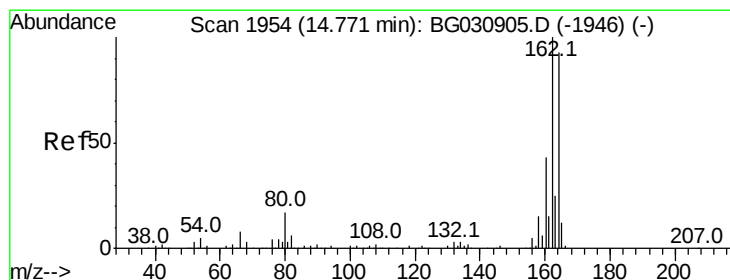
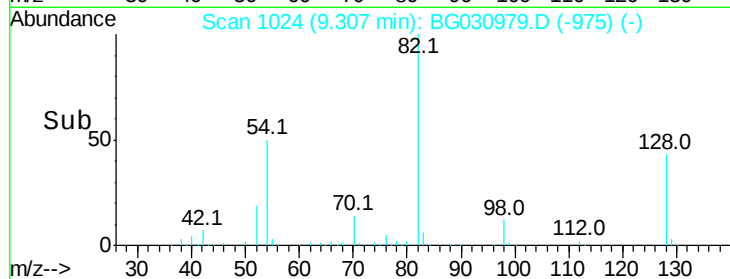
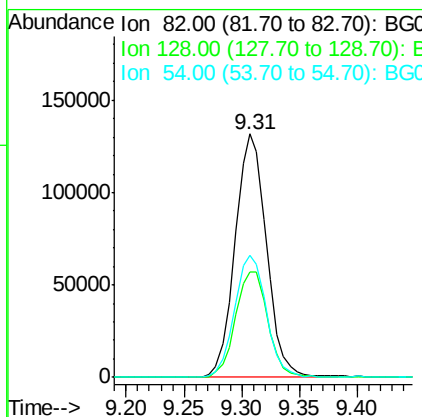
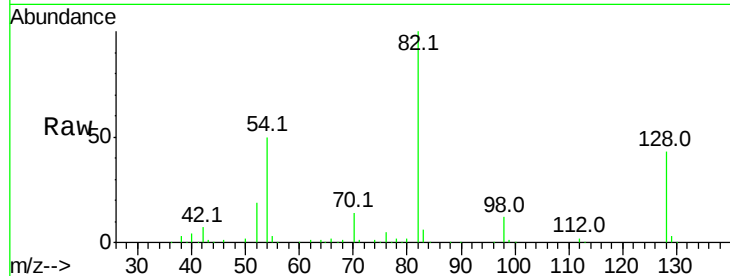




#23
Nitrobenzene-d5
Concen: 102.748 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

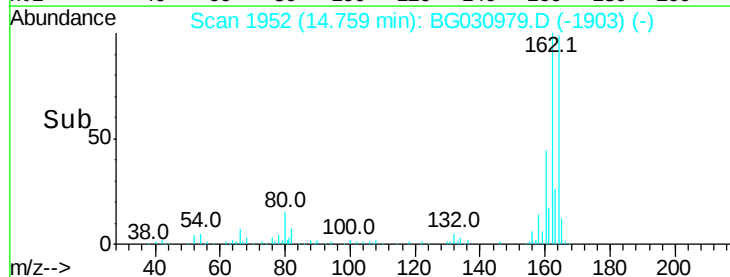
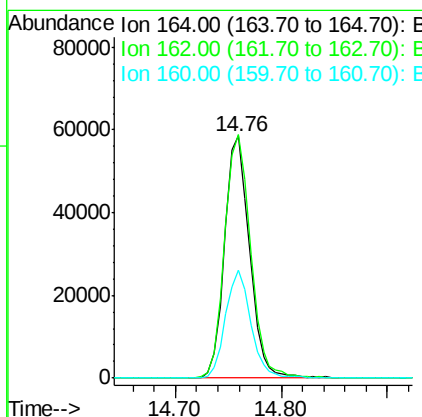
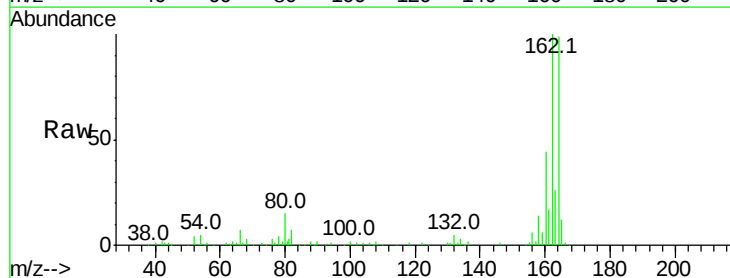
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

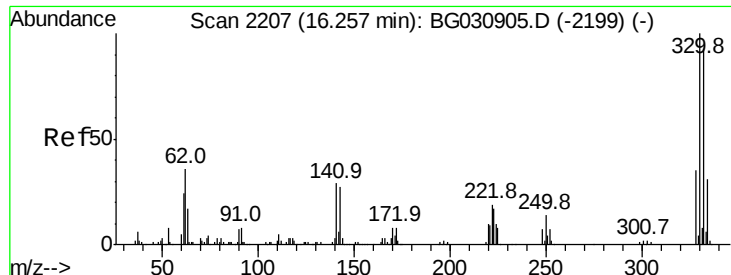
Tot Ion: 82 Resp: 247385
Ion Ratio Lower Upper
82 100
128 43.5 29.7 44.5
54 50.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Tgt Ion:164 Resp: 95686
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 44.7 35.4 53.0

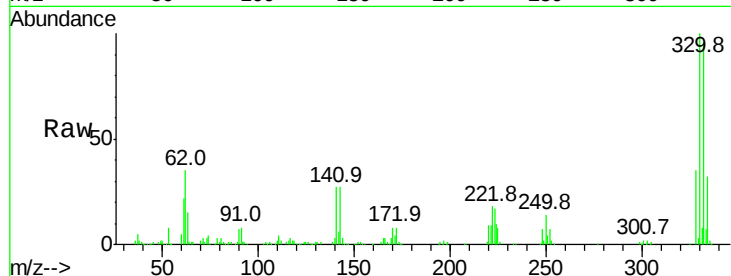




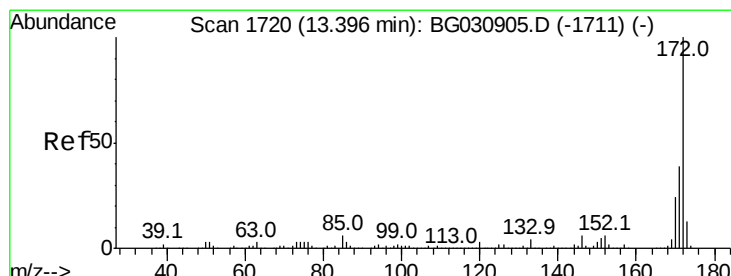
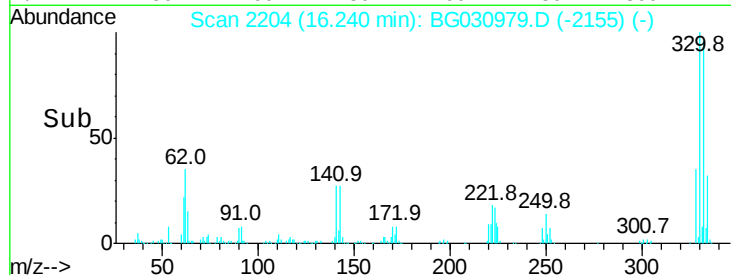
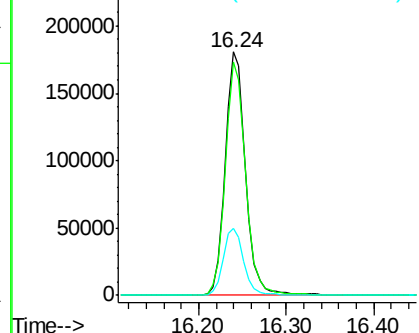
#41
 2,4,6-Tribromophenol
 Concen: 188.379 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG030979.D
 Acq: 13 Nov 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.5	25.2	37.8

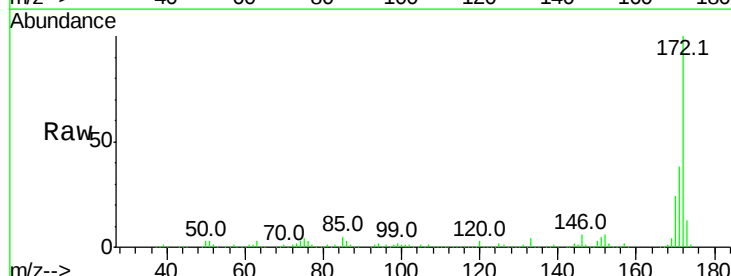


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

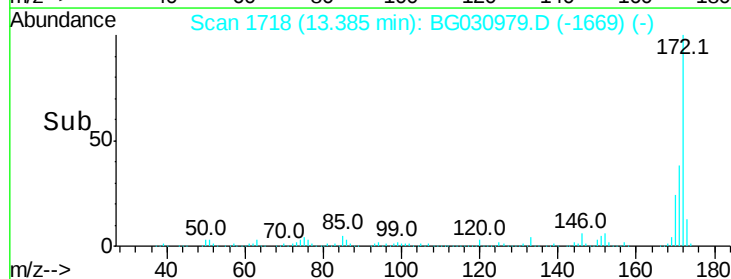
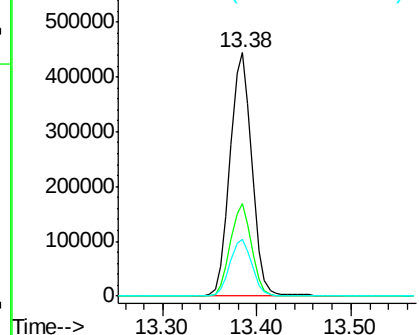


#44
 2-Fluorobiphenyl
 Concen: 107.845 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030979.D
 Acq: 13 Nov 2017 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.5	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

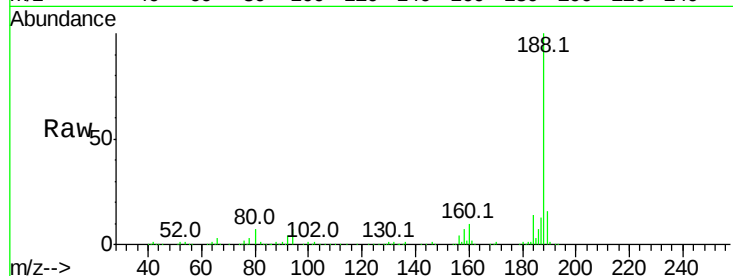




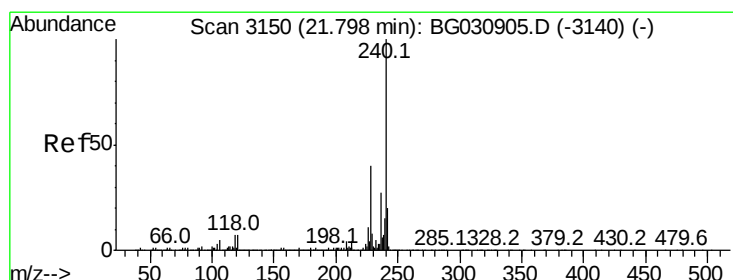
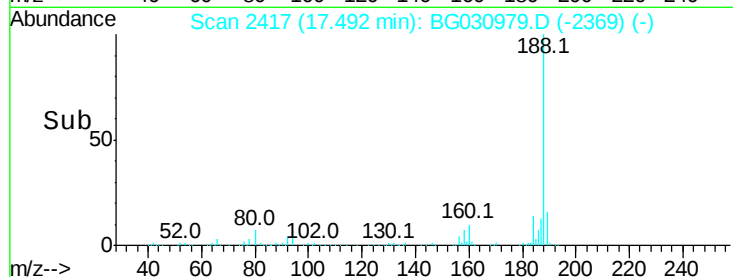
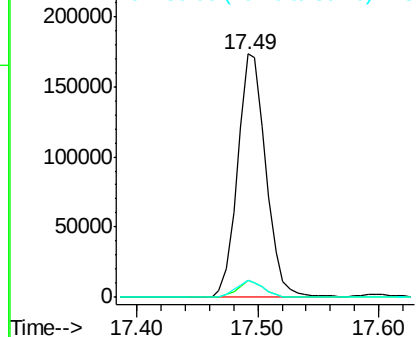
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

Tot Ion:188 Resp: 282619
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 6.9 7.7 11.5#

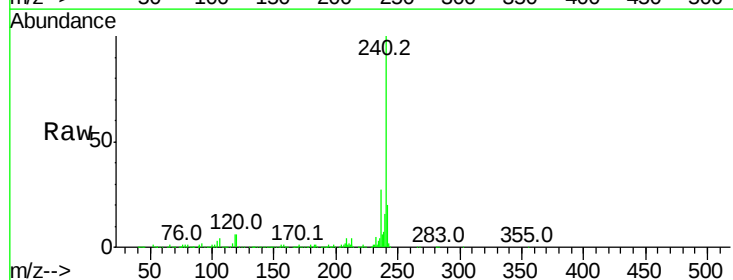


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

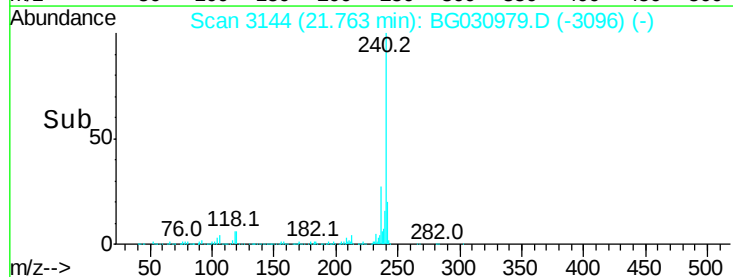
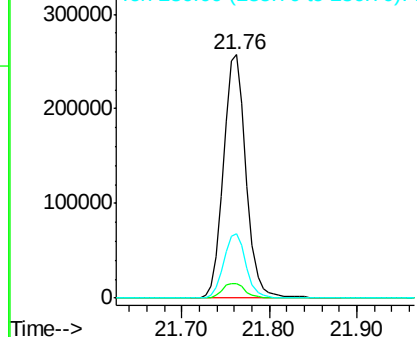


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Tgt Ion:240 Resp: 458349
Ion Ratio Lower Upper
240 100
120 5.8 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: 88.740 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-C

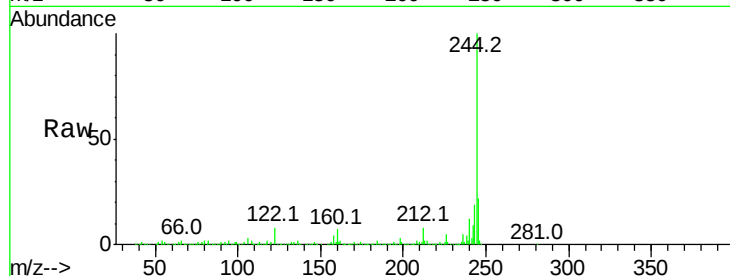
Tot Ion:244 Resp: 1842032

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

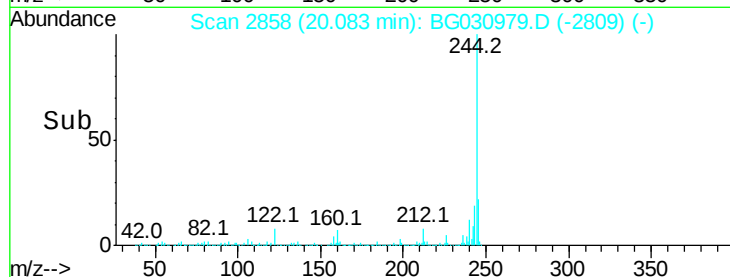
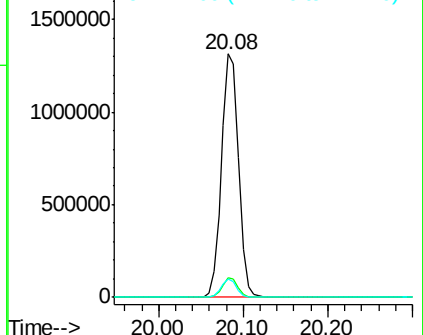
122 7.7 7.0 10.4



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: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.04 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

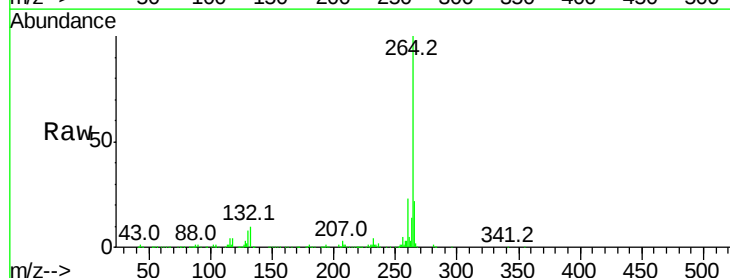
Tgt Ion:264 Resp: 449403

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.7 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

