

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030964.D
 Acq On : 12 Nov 2017 4:21
 Operator : SJ/JU
 Sample : I6301-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 13 03:26:57 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	35622	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	152613	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	107457	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	297819	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	403709	20.00	ng	-0.01
86) Perylene-d12	25.08	264	410169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	282600	136.04	ng	0.00
7) Phenol-d6	7.31	99	336218	120.13	ng	0.00
23) Nitrobenzene-d5	9.31	82	249313	96.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	281540	161.96	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	747392	99.94	ng	-0.02
78) Terphenyl-d14	20.09	244	1657058	90.63	ng	0.00

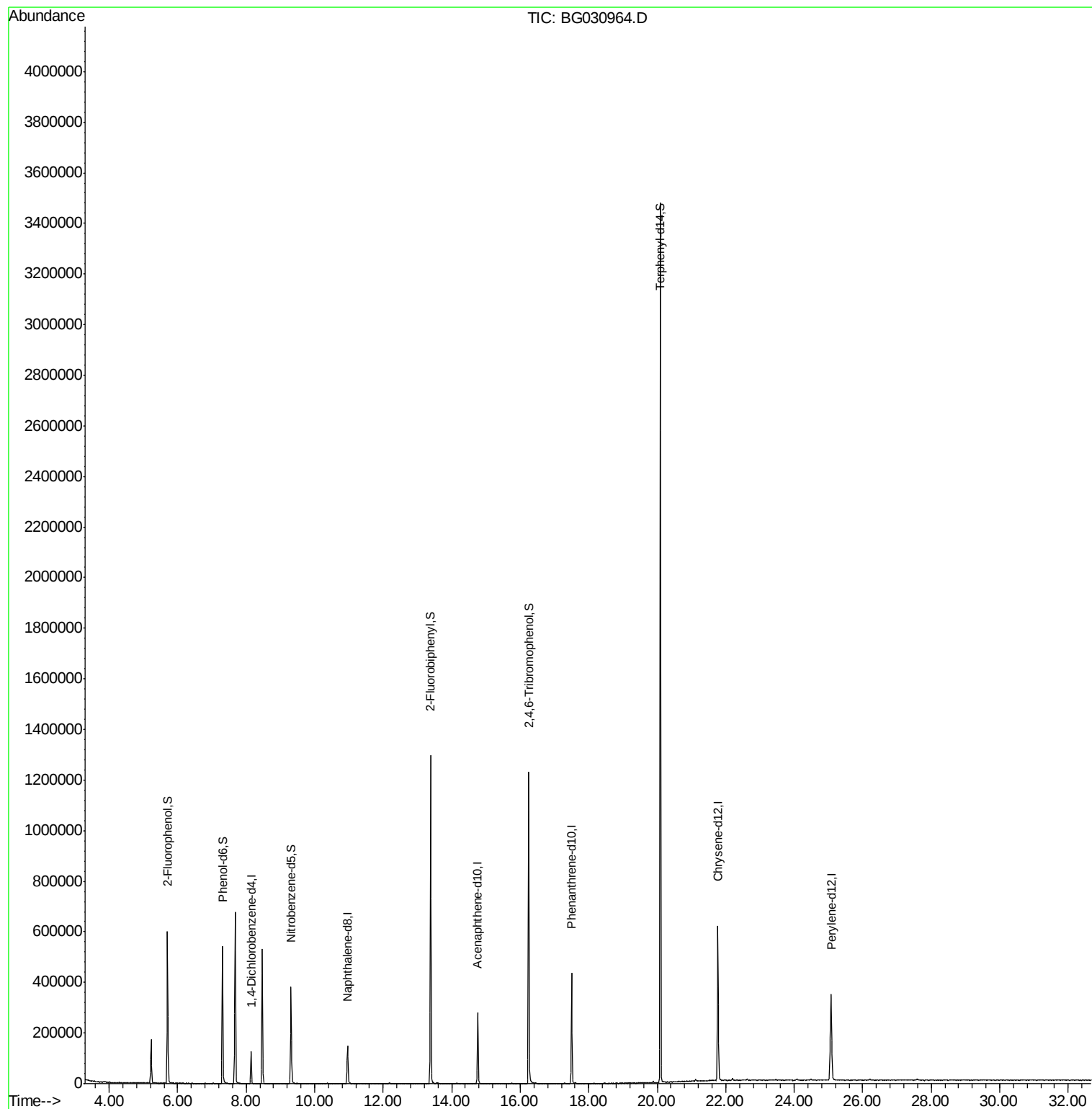
Target Compounds Qvalue

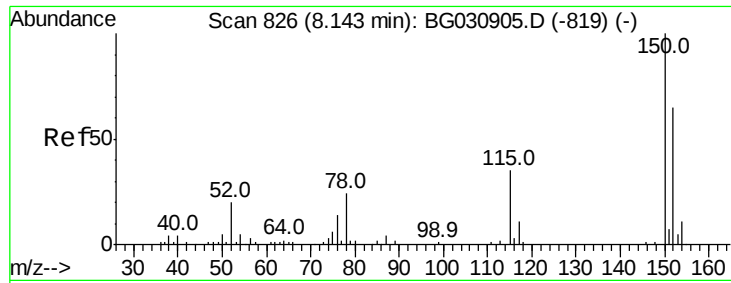
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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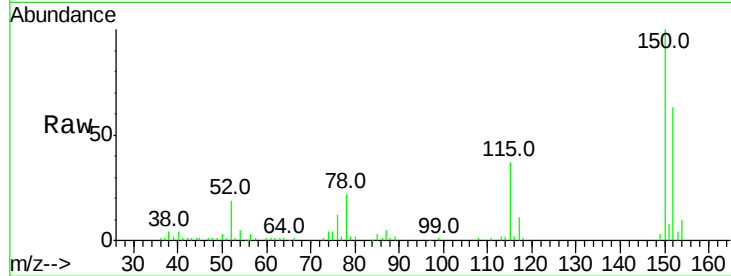


#1

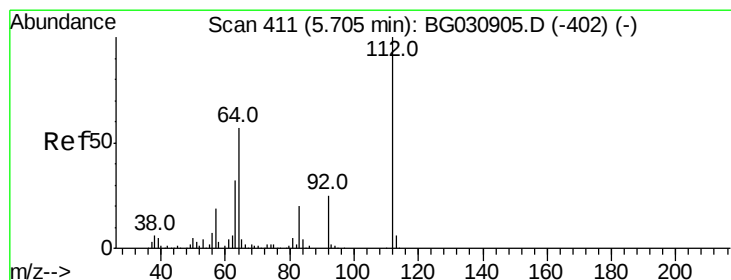
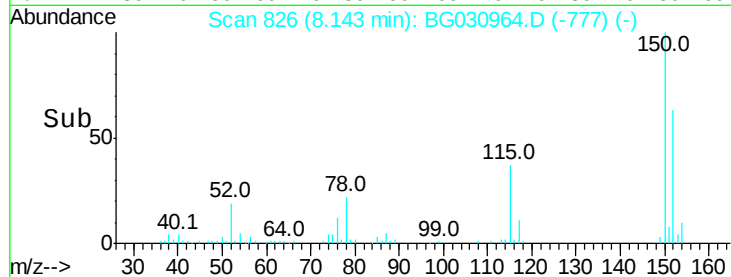
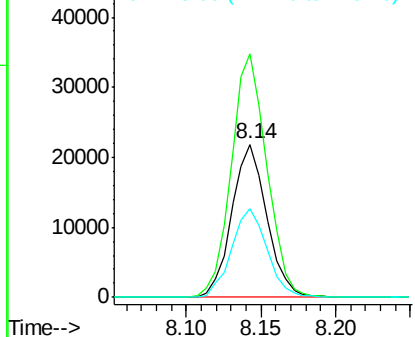
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030964.D
Acq: 12 Nov 2017 4:21

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

Tot Ion:152 Resp: 35622
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 58.5 53.0 79.4



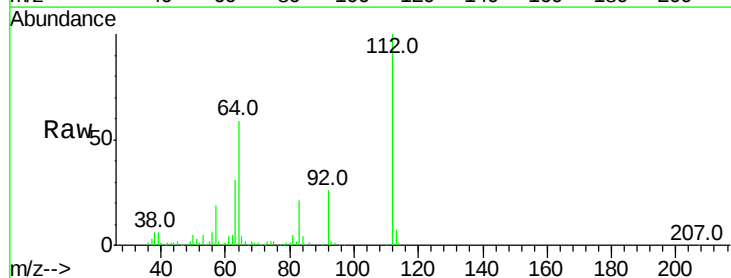
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



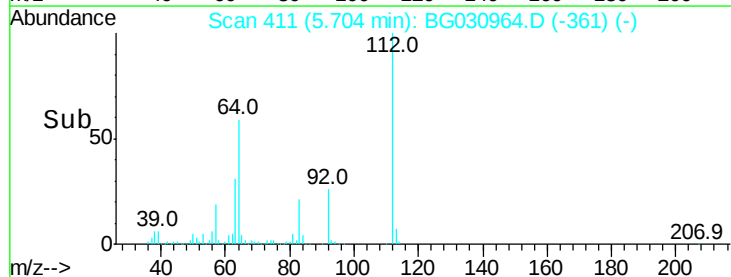
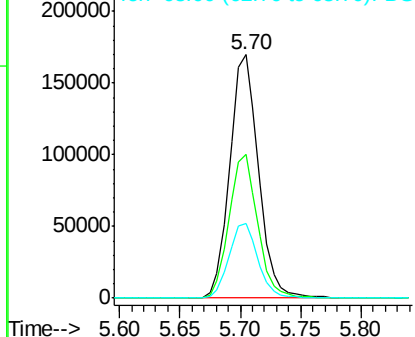
#5

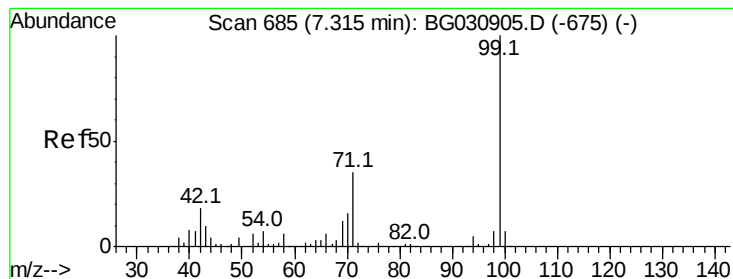
2-Fluorophenol
Concen: 136.037 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030964.D
Acq: 12 Nov 2017 4:21

Tgt Ion:112 Resp: 282600
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.135 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030964.D

Acq: 12 Nov 2017 4:21

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-E

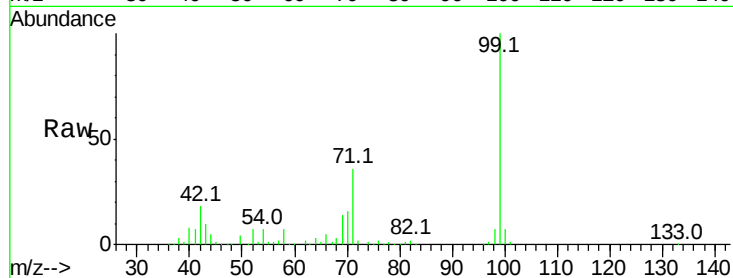
Tot Ion: 99 Resp: 336218

Ion Ratio Lower Upper

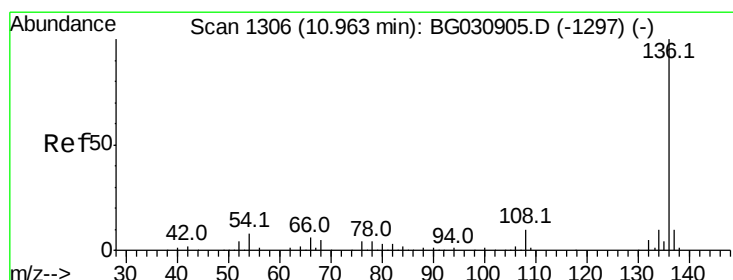
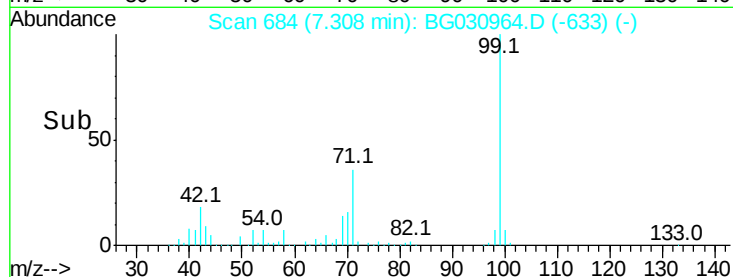
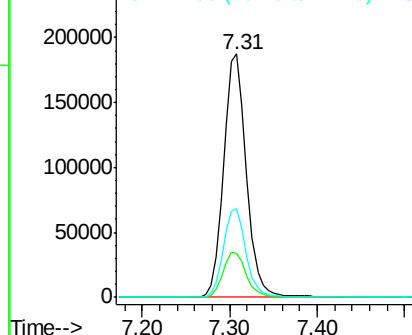
99 100

42 17.8 14.1 21.1

71 36.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030964.D

Acq: 12 Nov 2017 4:21

Tgt Ion: 136 Resp: 152613

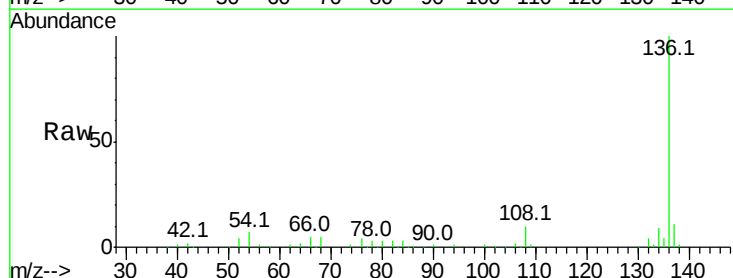
Ion Ratio Lower Upper

136 100

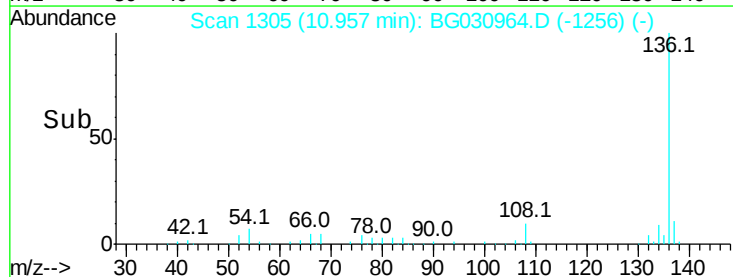
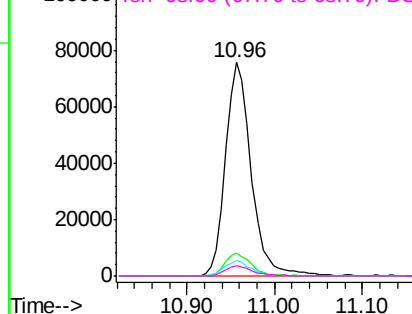
137 10.8 9.2 13.8

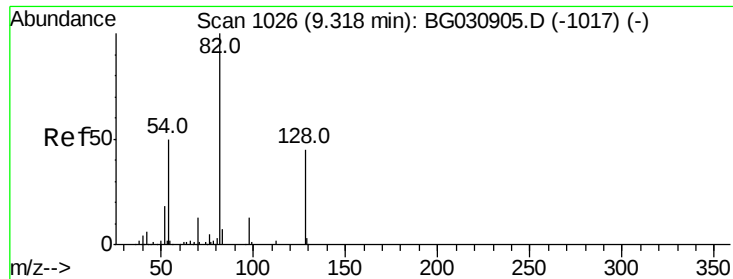
54 7.0 10.3 15.5#

68 4.9 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

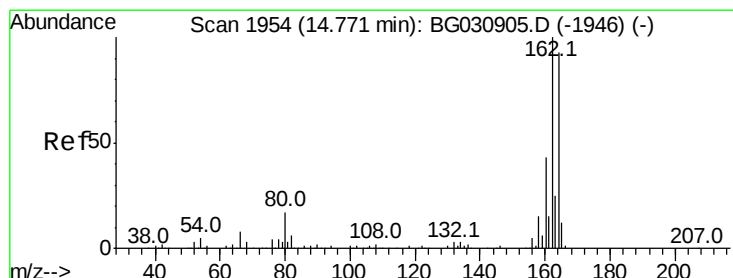
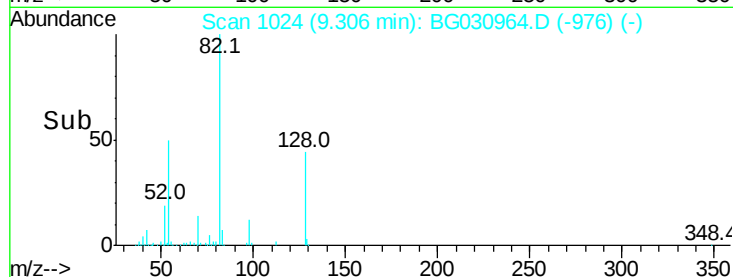
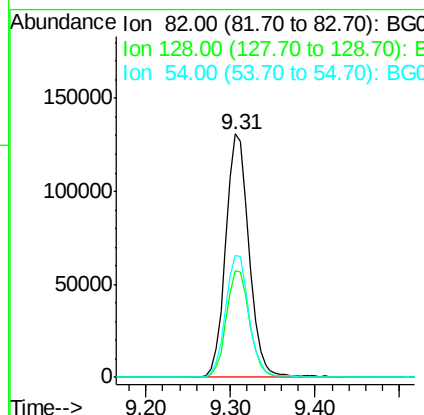
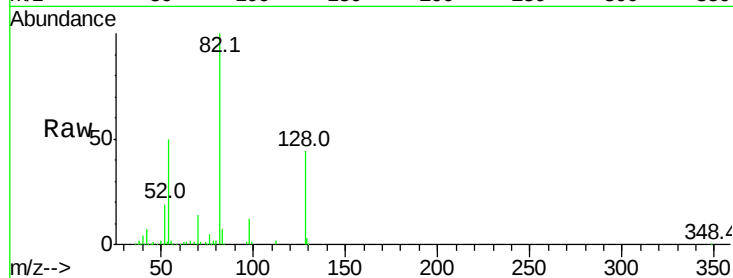




#23
Nitrobenzene-d5
Concen: 96.803 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030964.D
Acq: 12 Nov 2017 4:21

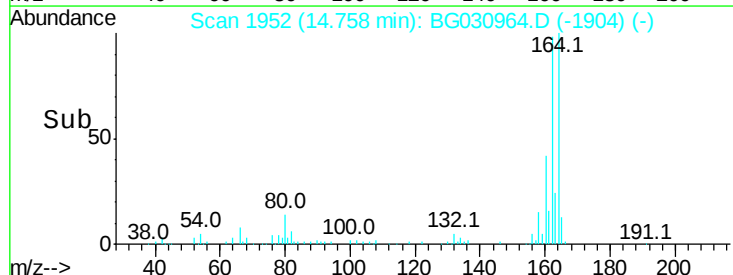
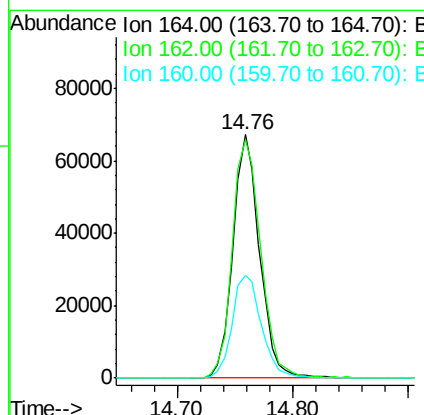
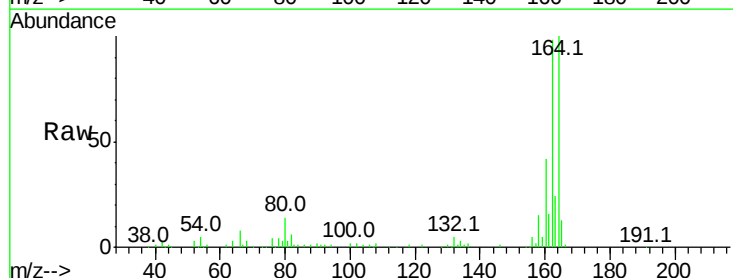
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-E

Tot Ion	82	Resp	249313
Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	49.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030964.D
Acq: 12 Nov 2017 4:21

Tgt Ion	164	Resp	107457
Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	42.2	35.4	53.0

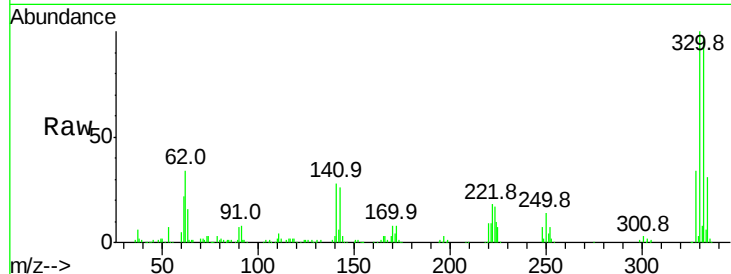




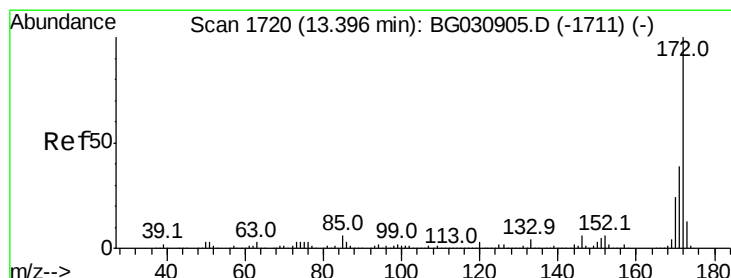
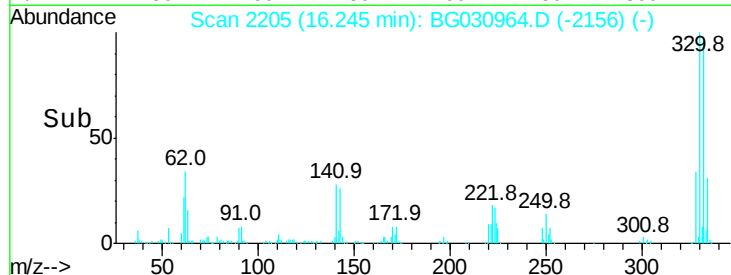
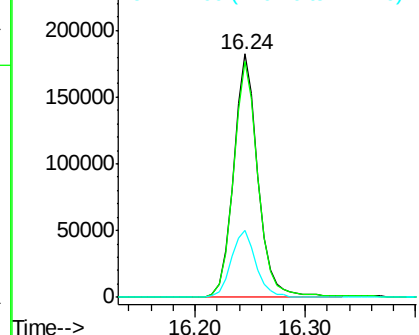
#41
 2,4,6-Tribromophenol
 Concen: 161.962 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030964.D
 Acq: 12 Nov 2017 4:21

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	28.0	25.2	37.8

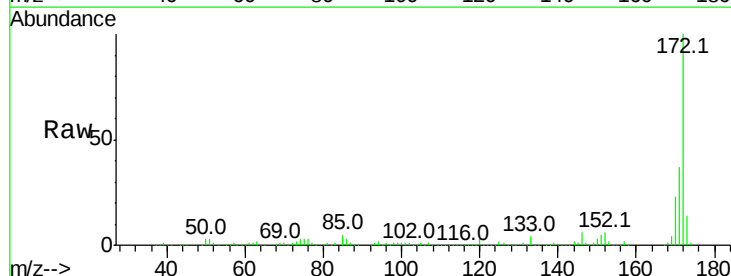


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

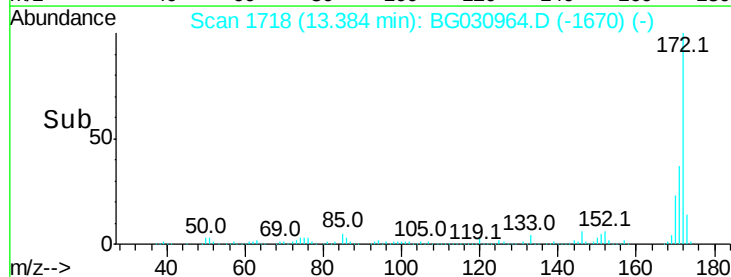
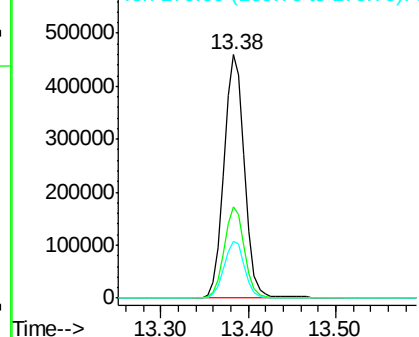


#44
 2-Fluorobiphenyl
 Concen: 99.940 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030964.D
 Acq: 12 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	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

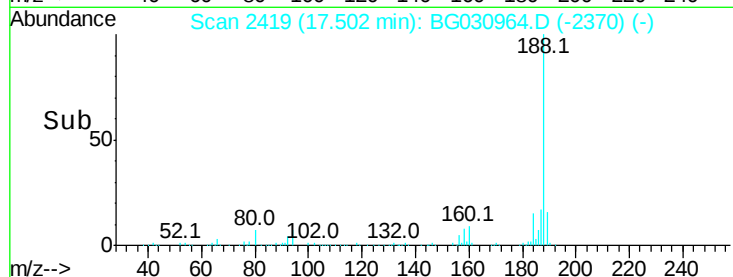
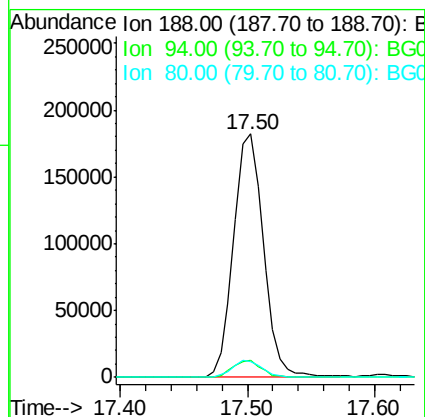
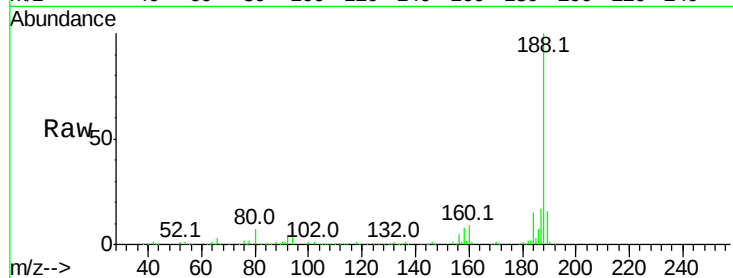




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030964.D
Acq: 12 Nov 2017 4:21

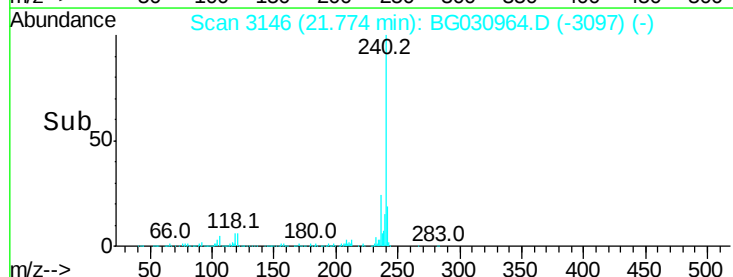
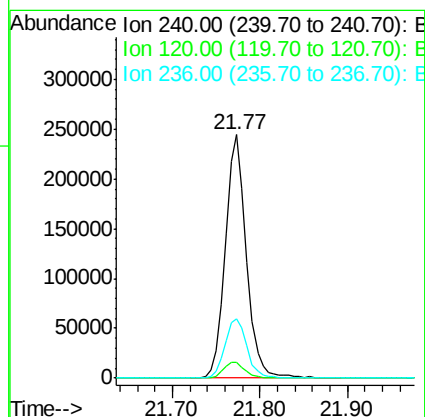
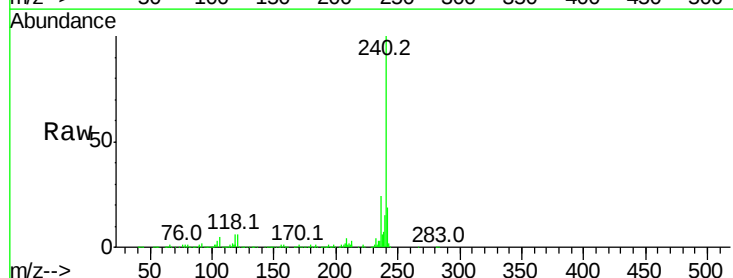
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-E

Tot Ion:188 Resp: 297819
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 6.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030964.D
Acq: 12 Nov 2017 4:21

Tgt Ion:240 Resp: 403709
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 24.3 20.9 31.3





#78

Terphenyl-d14

Concen: 90.633 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030964.D

Acq: 12 Nov 2017 4:21

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-E

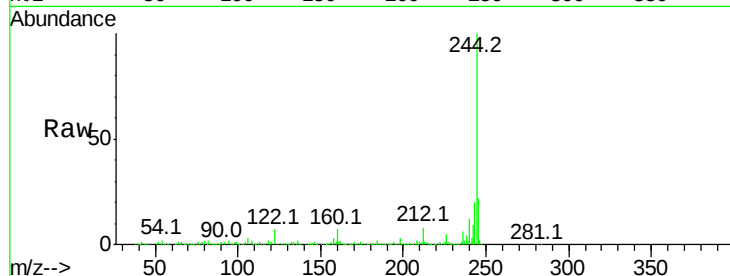
Tot Ion:244 Resp: 1657058

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.2	7.0	10.4

244 100

212 7.8 5.8 8.8

122 7.2 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

20.09

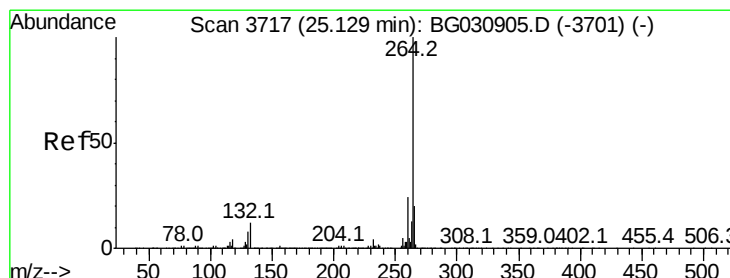
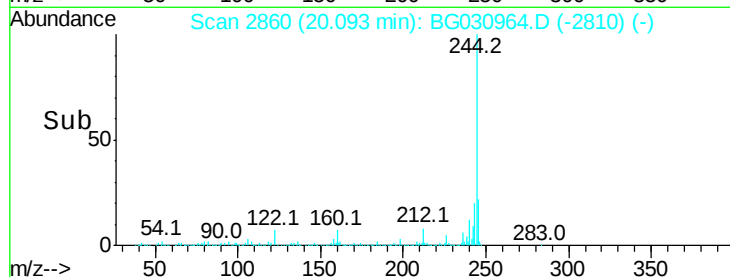
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1000000

500000

0

Time--> 20.00 20.10 20.20



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030964.D

Acq: 12 Nov 2017 4:21

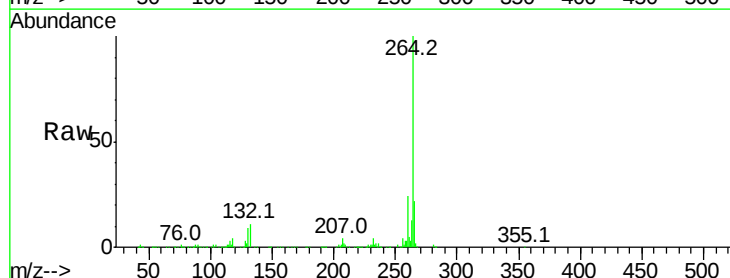
Tgt Ion:264 Resp: 410169

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.9	17.7	26.5

264 100

260 23.9 17.4 26.0

265 21.9 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

25.08

150000

100000

50000

0

Time--> 25.00 25.10 25.20

