

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031330.D
 Acq On : 1 Dec 2017 22:46
 Operator : SJ/JU
 Sample : I6620-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-1-20171128

Quant Time: Dec 02 02:00:16 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	8.13	152	61952	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	269717	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	178232	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	484220	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	552586	20.00	ng	-0.02
86) Perylene-d12	25.06	264	535421	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	231266	64.01	ng	-0.02
7) Phenol-d6	7.29	99	178544	36.68	ng	-0.01
23) Nitrobenzene-d5	9.30	82	404178	88.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	353854	122.73	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1199727	96.72	ng	-0.02
78) Terphenyl-d14	20.08	244	2270882	90.74	ng	-0.01

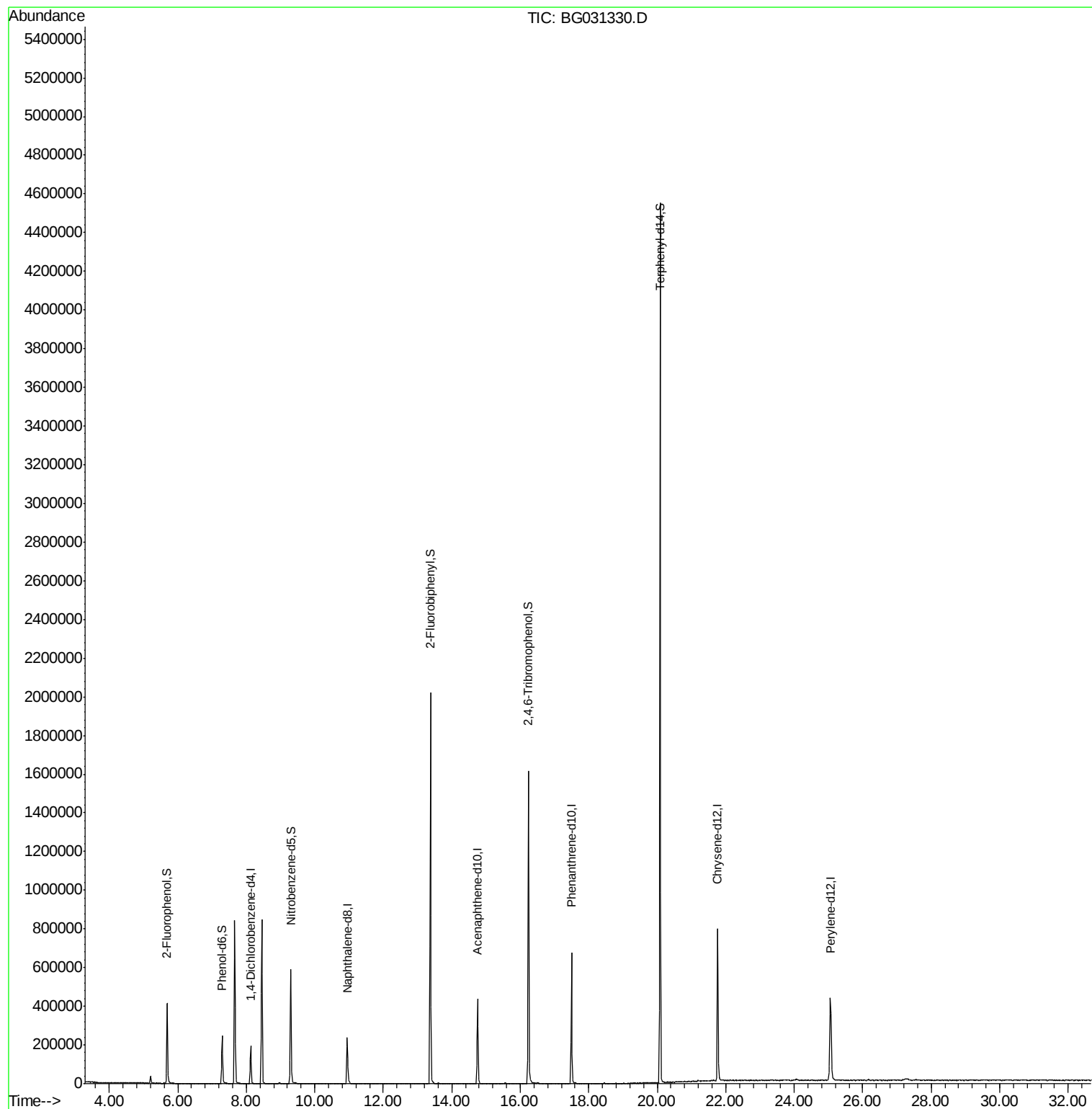
Target Compounds Qvalue

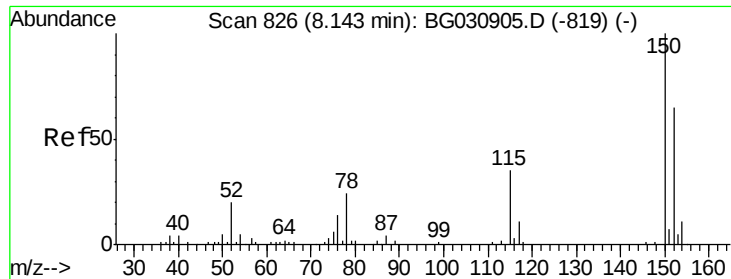
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031330.D

Acq: 1 Dec 2017 22:46

Instrument :

BNA_G

ClientSampleId :

FB-1-20171128

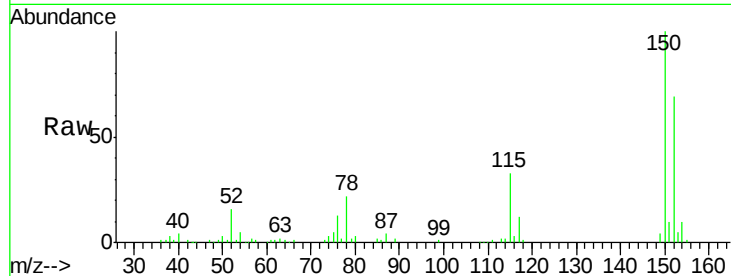
Tot Ion:152 Resp: 61952

Ion Ratio Lower Upper

152 100

150 145.1 126.6 189.8

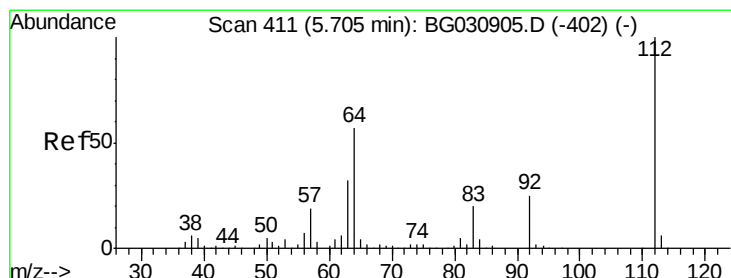
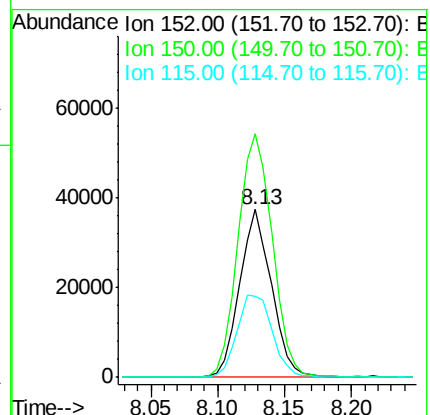
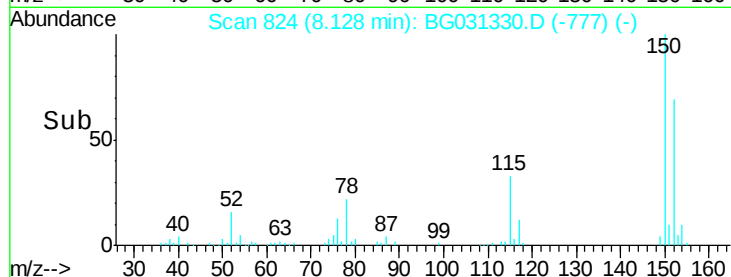
115 48.6 53.0 79.4#



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: 64.01 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031330.D

Acq: 1 Dec 2017 22:46

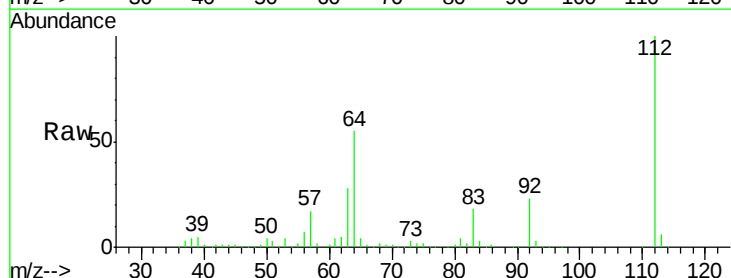
Tgt Ion:112 Resp: 231266

Ion Ratio Lower Upper

112 100

64 54.9 56.3 84.5#

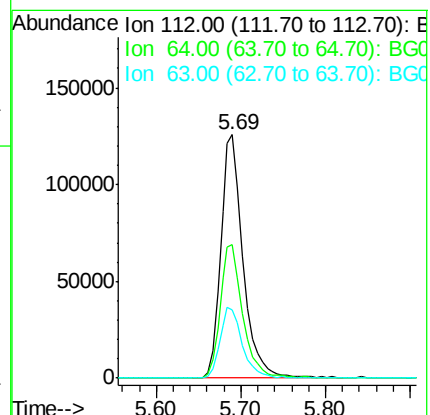
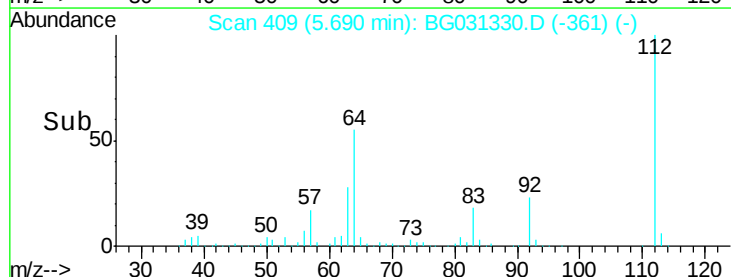
63 27.8 30.1 45.1#

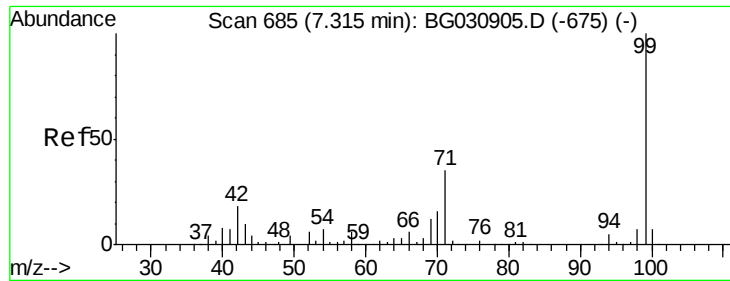


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.68 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031330.D

Acq: 1 Dec 2017 22:46

Instrument :

BNA_G

ClientSampleId :

FB-1-20171128

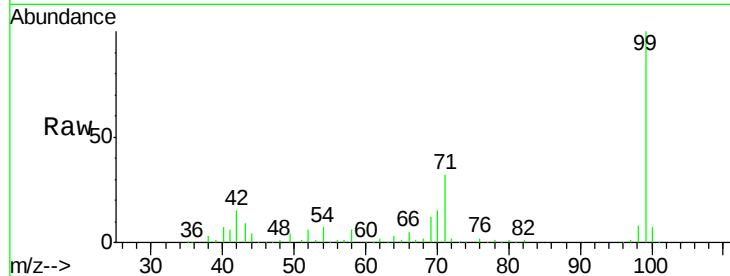
Tot Ion: 99 Resp: 178544

Ion Ratio Lower Upper

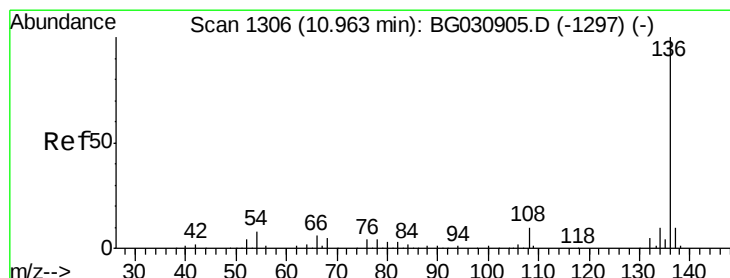
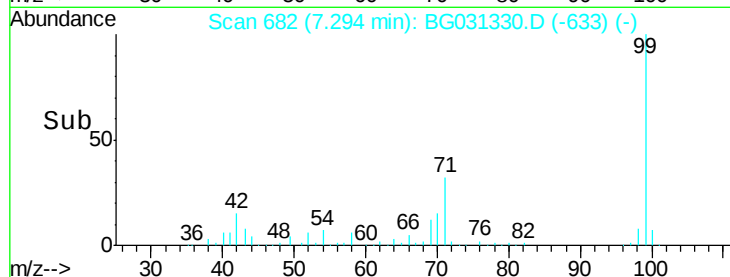
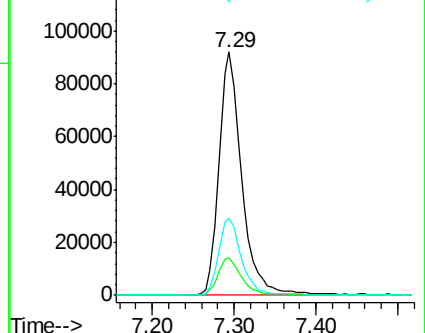
99 100

42 15.3 14.1 21.1

71 31.7 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# 1304

Delta R.T. -0.02 min

Lab File: BG031330.D

Acq: 1 Dec 2017 22:46

Tgt Ion: 136 Resp: 269717

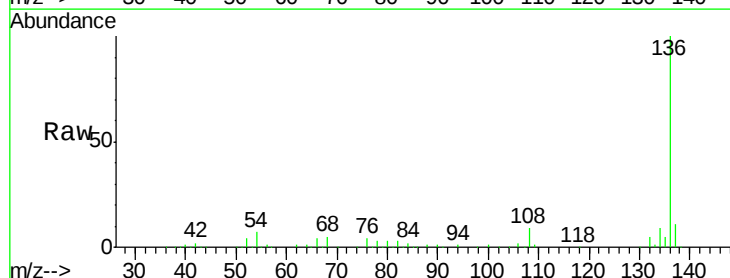
Ion Ratio Lower Upper

136 100

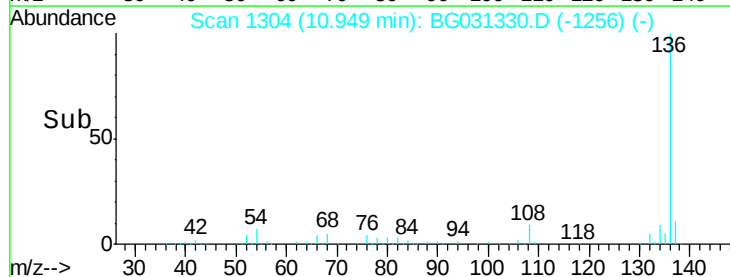
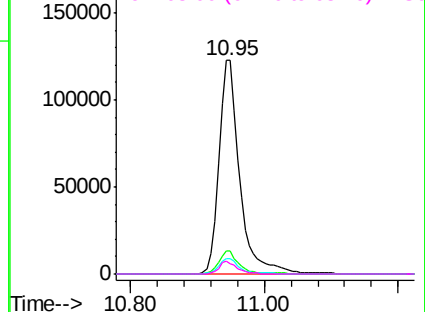
137 10.9 9.2 13.8

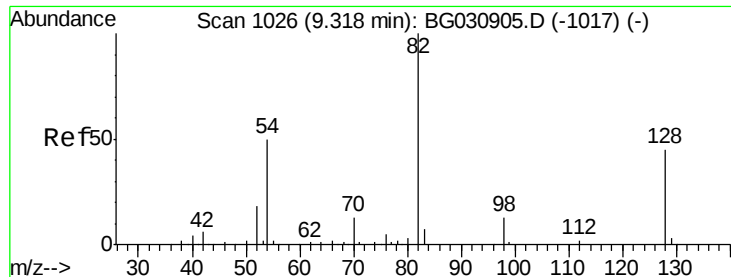
54 7.4 10.3 15.5#

68 4.7 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

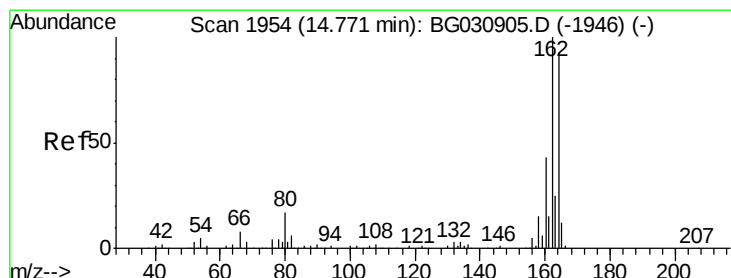
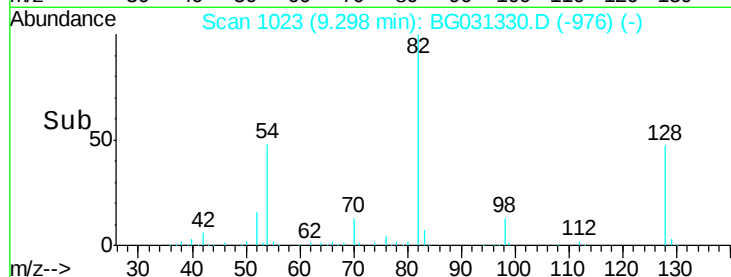
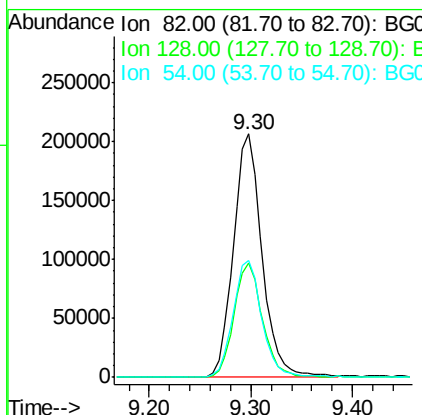
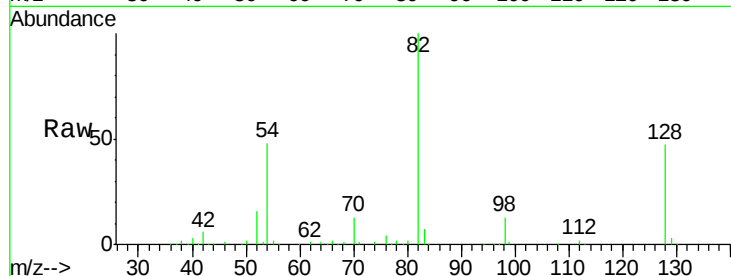




#23
 Nitrobenzene-d5
 Concen: 88.80 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031330.D
 Acq: 1 Dec 2017 22:46

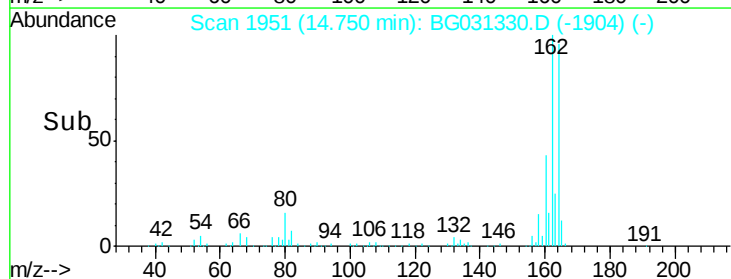
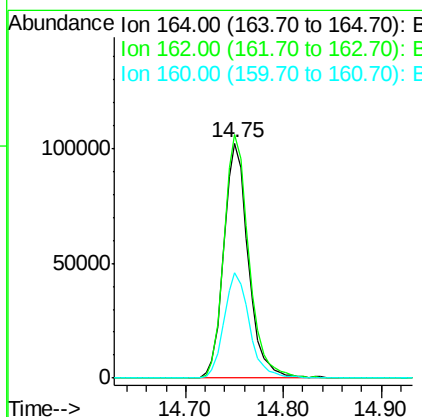
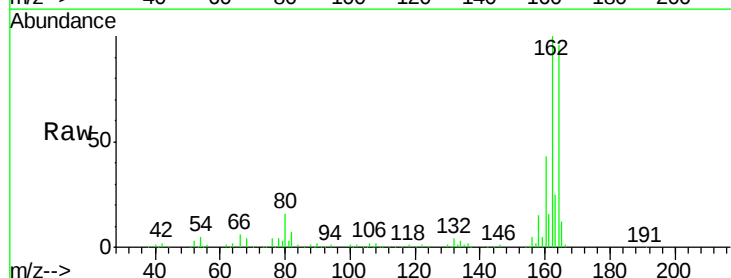
Instrument :
 BNA_G
 ClientSampleId :
 FB-1-20171128

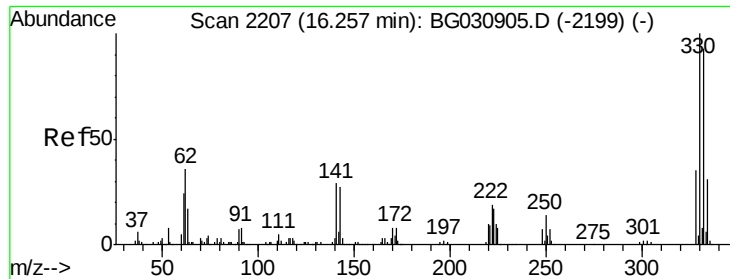
Tot Ion: 82 Resp: 404178
 Ion Ratio Lower Upper
 82 100
 128 46.8 29.7 44.5#
 54 48.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031330.D
 Acq: 1 Dec 2017 22:46

Tgt Ion:164 Resp: 178232
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 44.8 35.4 53.0

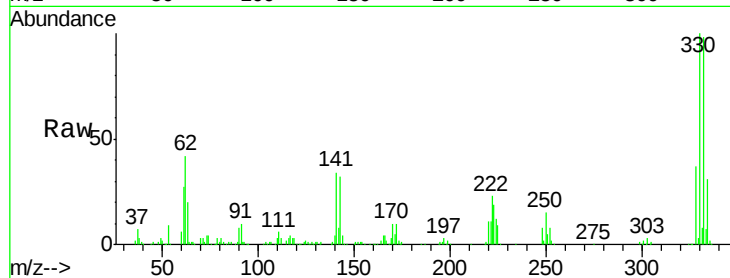




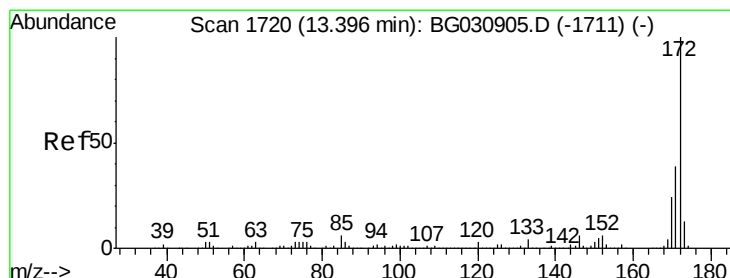
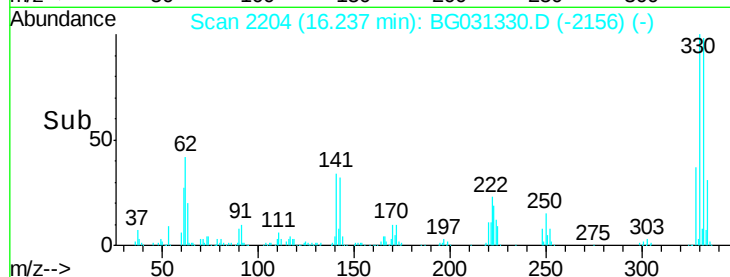
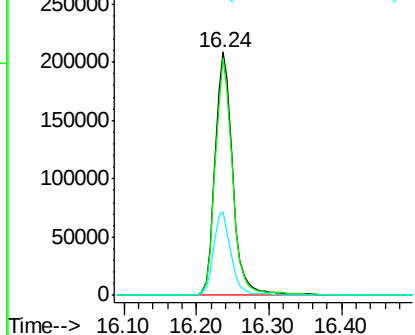
#41
 2,4,6-Tribromophenol
 Concen: 122.73 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031330.D
 Acq: 1 Dec 2017 22:46

Instrument :
 BNA_G
 ClientSampleId :
 FB-1-20171128

Tot Ion:330 Resp: 353854
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.6 25.2 37.8

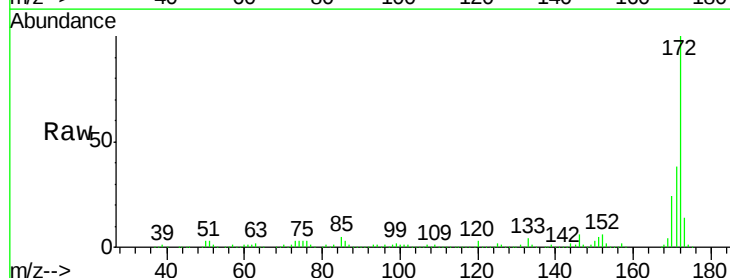


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

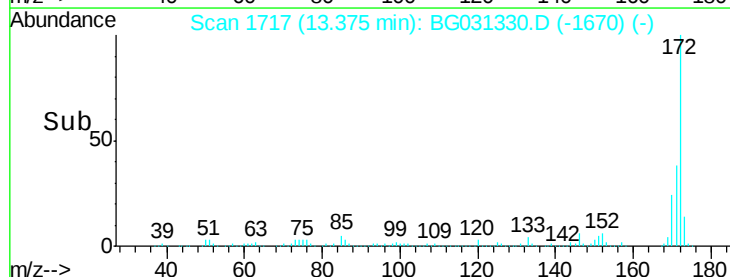
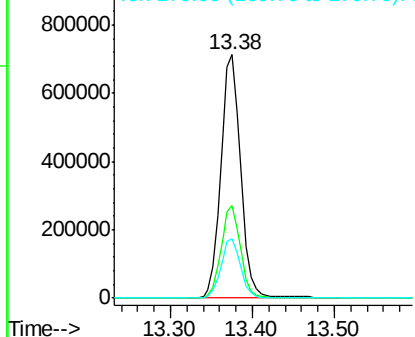


#44
 2-Fluorobiphenyl
 Concen: 96.72 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031330.D
 Acq: 1 Dec 2017 22:46

Tgt Ion:172 Resp: 1199727
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.3 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

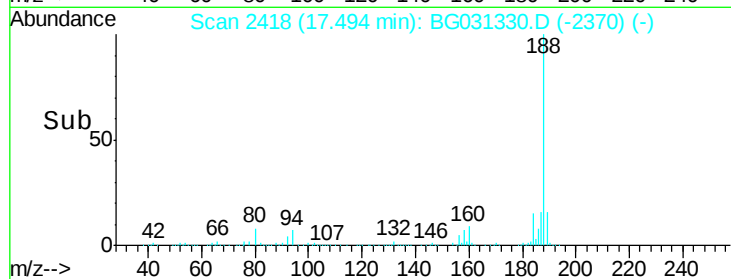
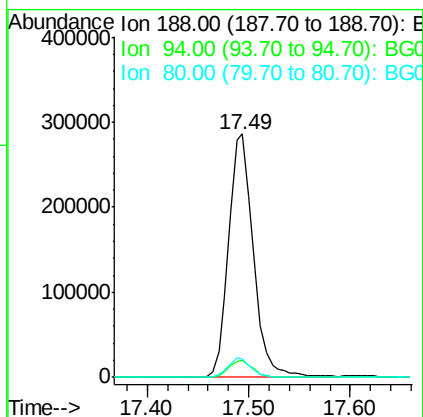
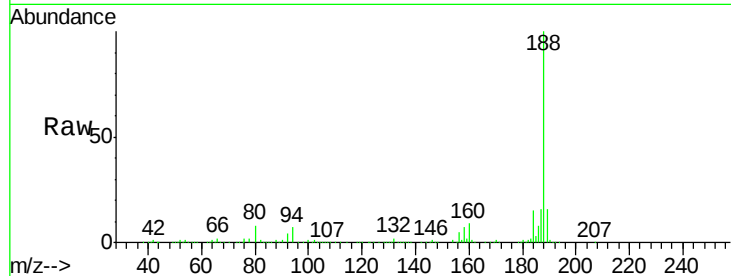




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031330.D
Acq: 1 Dec 2017 22:46

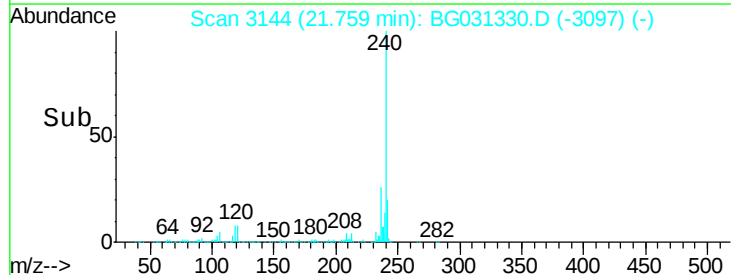
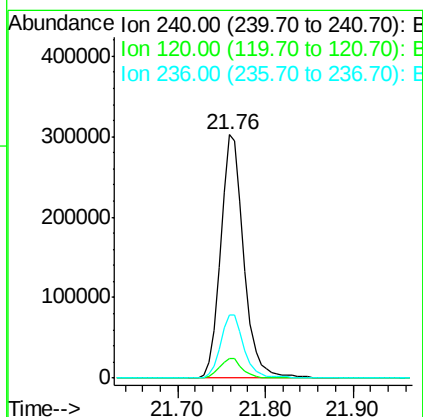
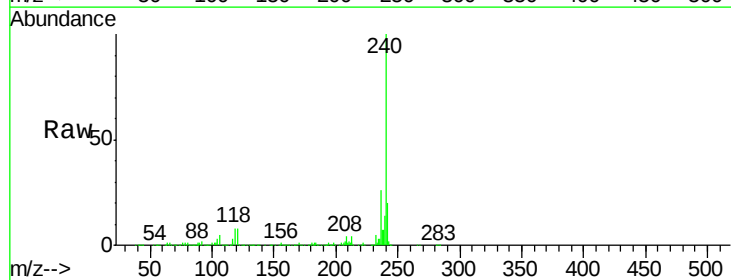
Instrument :
BNA_G
ClientSampleId :
FB-1-20171128

Tot Ion:188 Resp: 484220
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031330.D
Acq: 1 Dec 2017 22:46

Tgt Ion:240 Resp: 552586
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 90.74 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031330.D

Acq: 1 Dec 2017 22:46

Instrument :

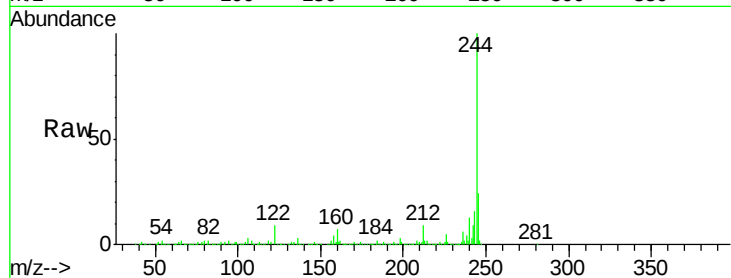
BNA_G

ClientSampleId :

FB-1-20171128

Tot Ion:244 Resp: 2270882

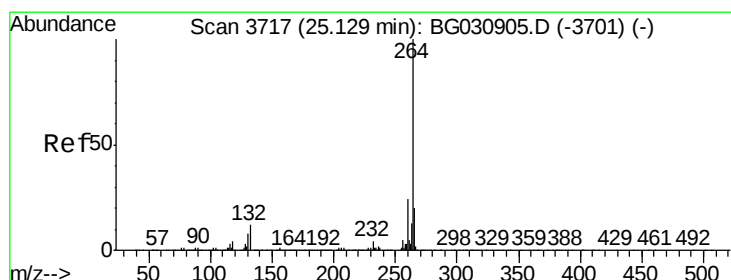
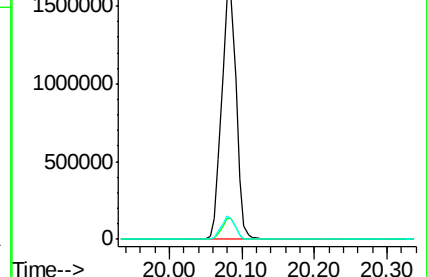
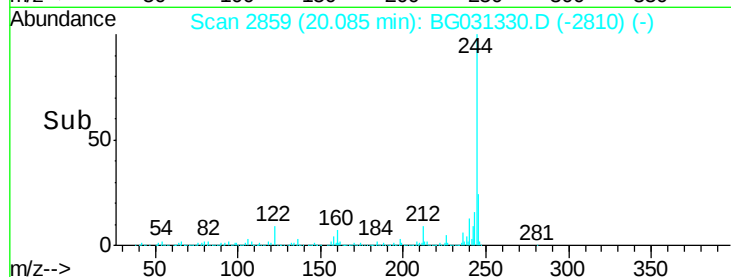
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.7	7.0	10.4



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

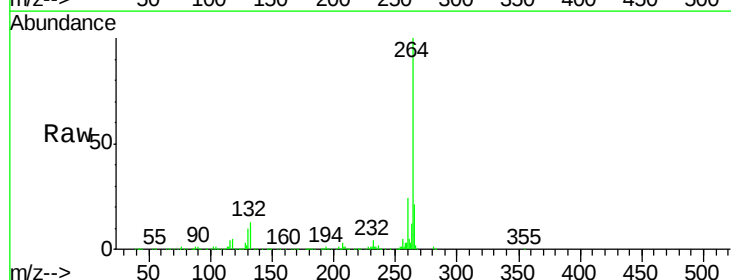
Delta R.T. -0.03 min

Lab File: BG031330.D

Acq: 1 Dec 2017 22:46

Tgt Ion:264 Resp: 535421

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.0	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

