

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031281.D
 Acq On : 29 Nov 2017 21:37
 Operator : SJ/JU
 Sample : I6304-31
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 30 03:09:37 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	52438	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	227294	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	159677	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	454342	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	557155	20.00	ng	-0.02
86) Perylene-d12	25.06	264	544473	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	441909	144.51	ng	-0.02
7) Phenol-d6	7.30	99	517540	125.62	ng	-0.01
23) Nitrobenzene-d5	9.30	82	367206	95.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	344308	133.29	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1106332	99.56	ng	-0.03
78) Terphenyl-d14	20.09	244	2375900	94.16	ng	-0.01

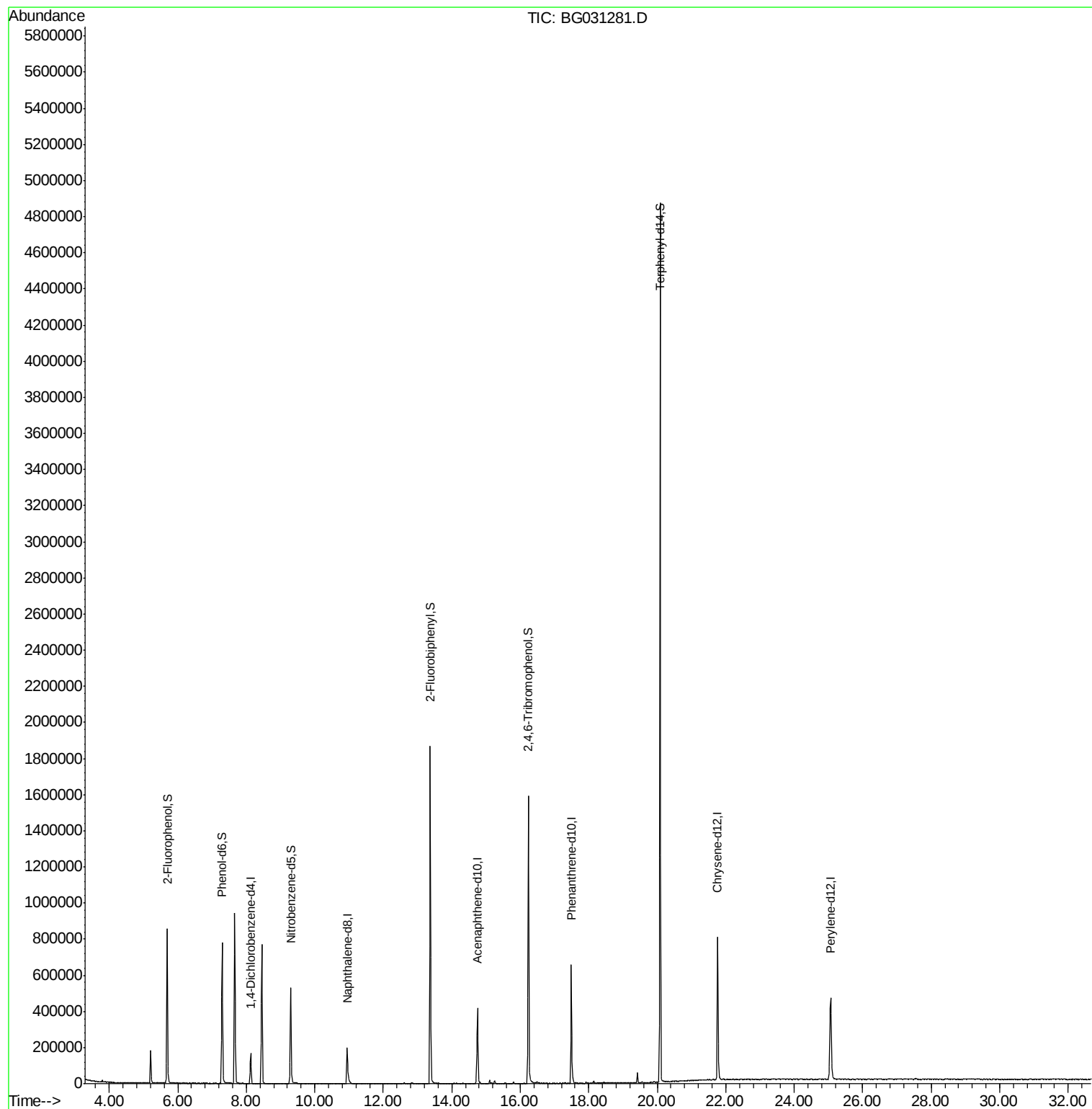
Target Compounds Qvalue

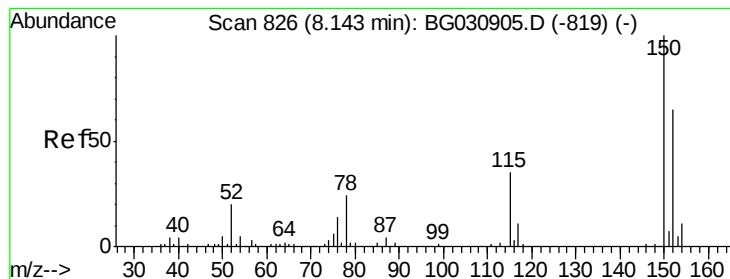
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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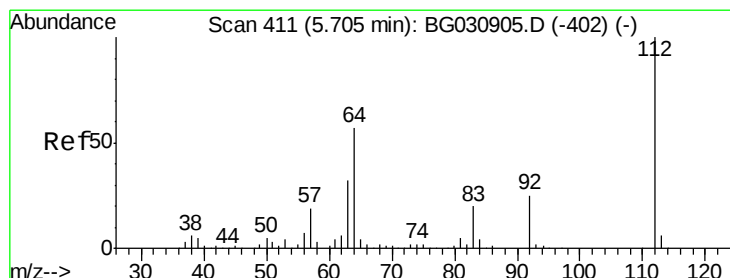
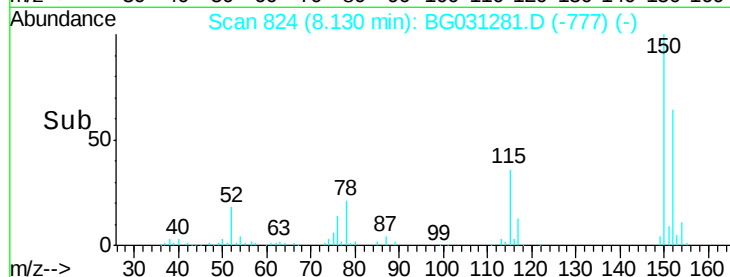
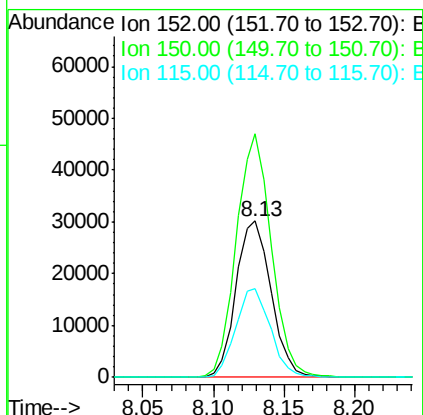
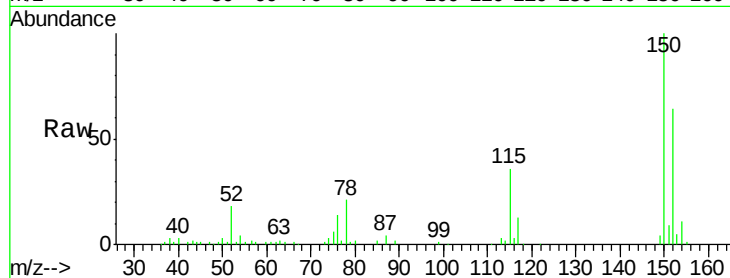


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031281.D
Acq: 29 Nov 2017 21:37

Instrument :
BNA_G
ClientSampleId :

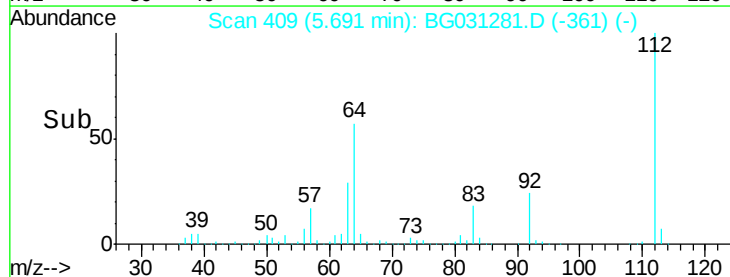
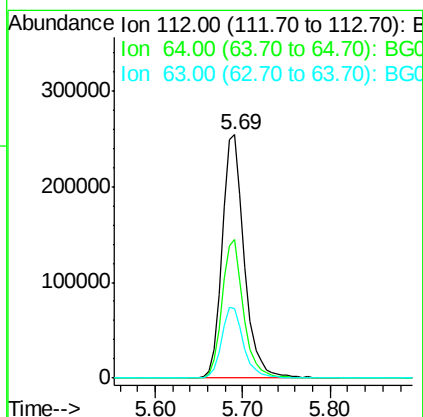
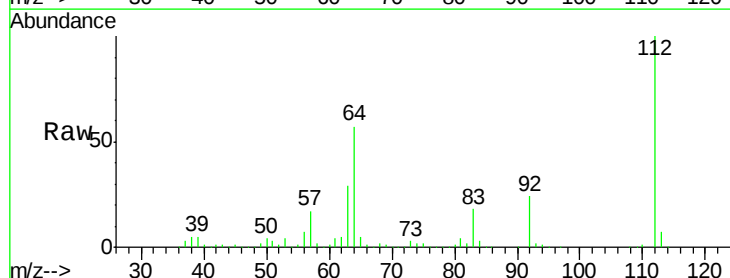
Tot Ion:152 Resp: 52438
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 56.7 53.0 79.4

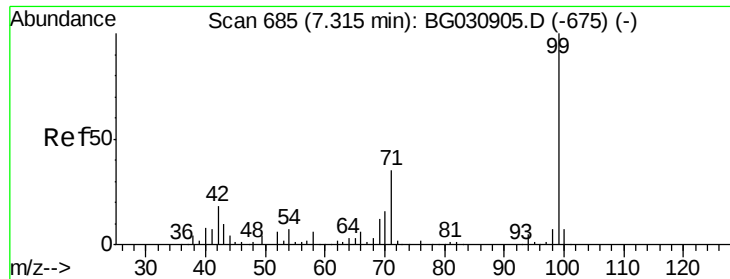


#5

2-Fluorophenol
Concen: 144.51 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031281.D
Acq: 29 Nov 2017 21:37

Tgt Ion:112 Resp: 441909
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 28.6 30.1 45.1#





#7

Phenol-d6

Concen: 125.62 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031281.D

Acq: 29 Nov 2017 21:37

Instrument :

BNA_G

ClientSampleId :

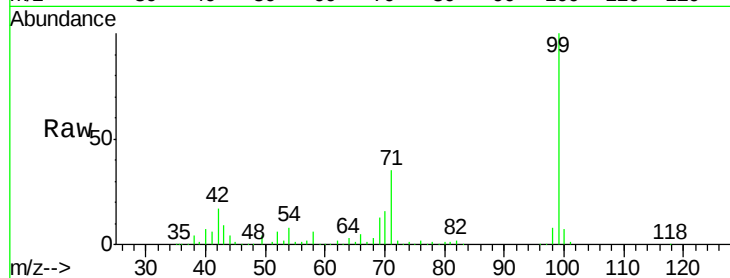
Tot Ion: 99 Resp: 517540

Ion Ratio Lower Upper

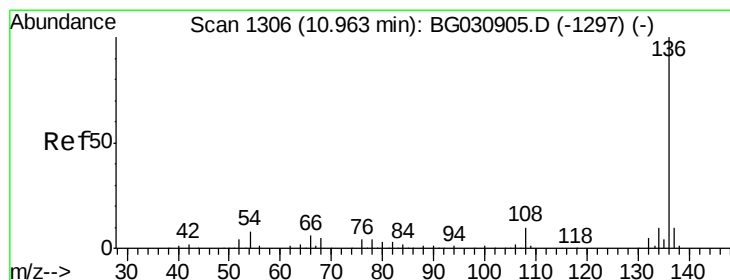
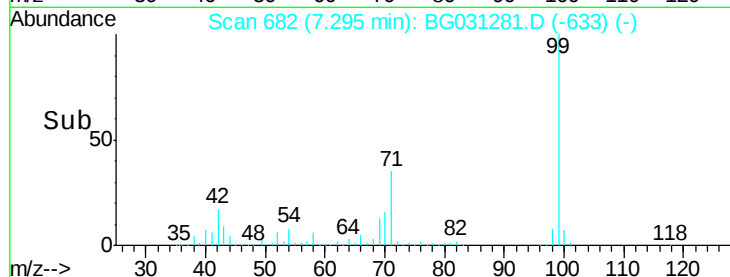
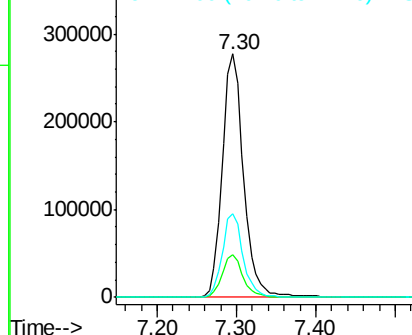
99 100

42 17.3 14.1 21.1

71 34.5 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031281.D

Acq: 29 Nov 2017 21:37

Tgt Ion: 136 Resp: 227294

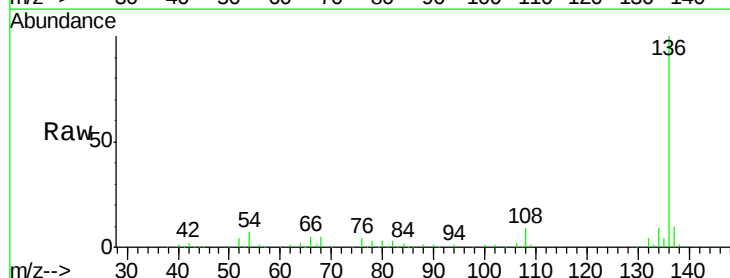
Ion Ratio Lower Upper

136 100

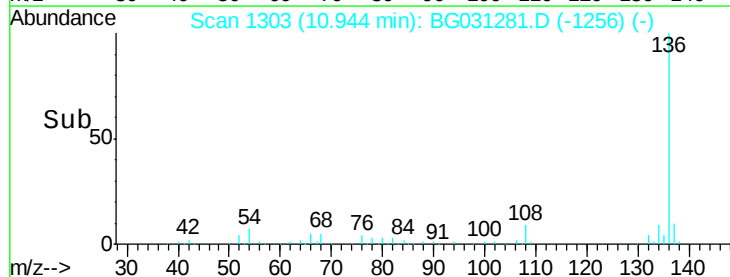
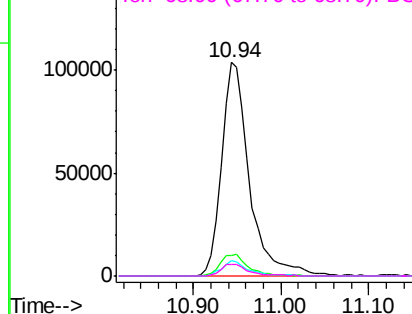
137 9.7 9.2 13.8

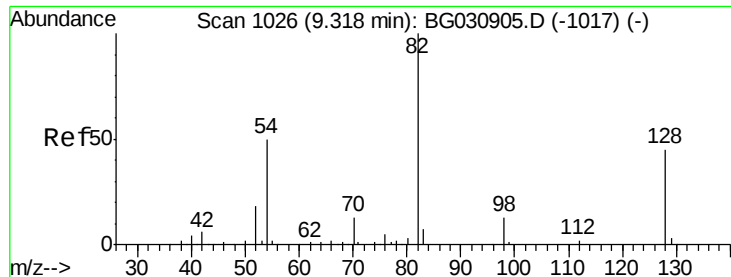
54 7.3 10.3 15.5#

68 5.2 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

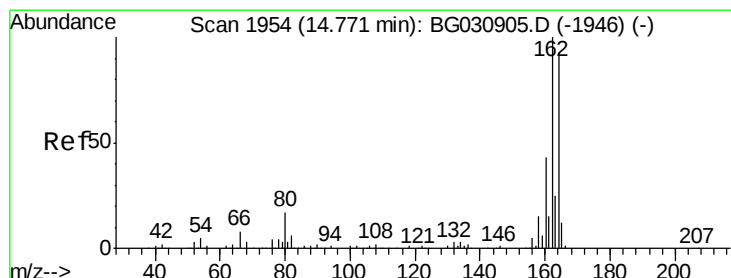
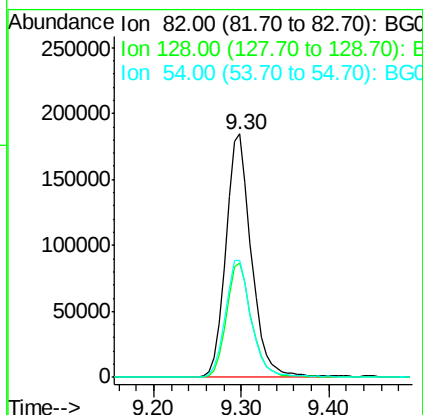
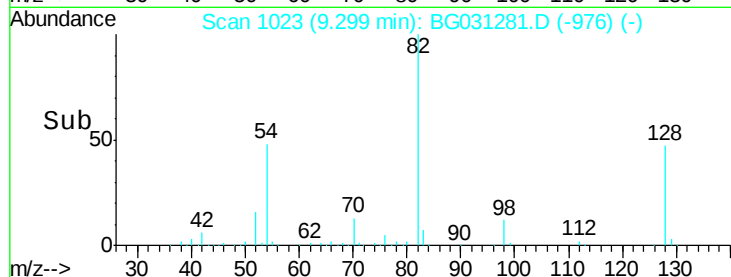
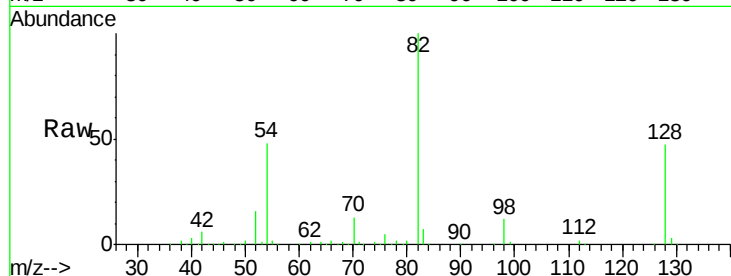




#23
 Nitrobenzene-d5
 Concen: 95.73 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031281.D
 Acq: 29 Nov 2017 21:37

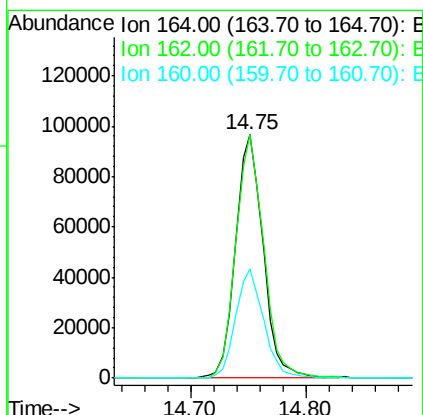
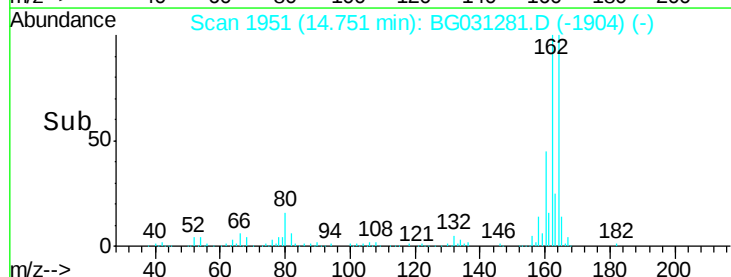
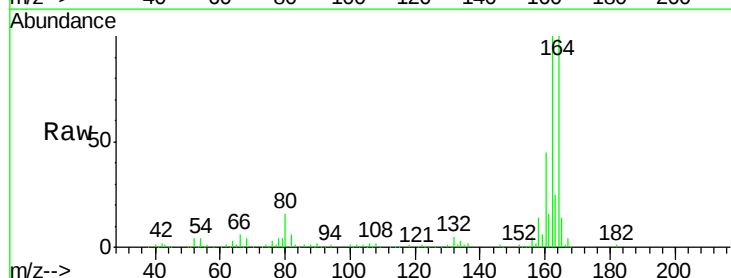
Instrument :
 BNA_G
 ClientSampled :

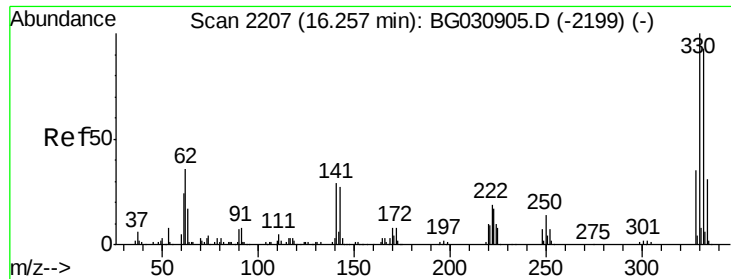
Tot Ion: 82 Resp: 367206
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 48.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031281.D
 Acq: 29 Nov 2017 21:37

Tgt Ion:164 Resp: 159677
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.8 118.2
 160 45.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 133.29 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031281.D

Acq: 29 Nov 2017 21:37

Instrument :

BNA_G

ClientSampleId :

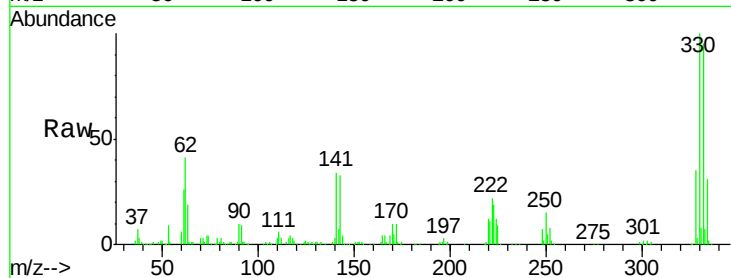
Tot Ion:330 Resp: 344308

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

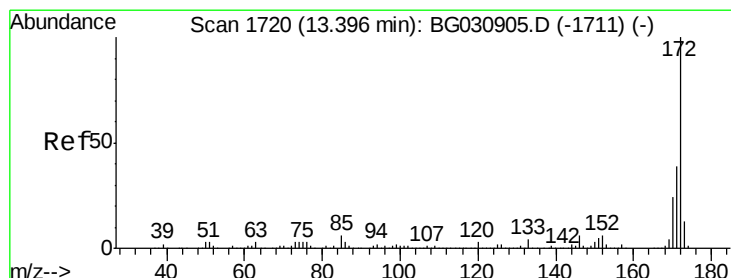
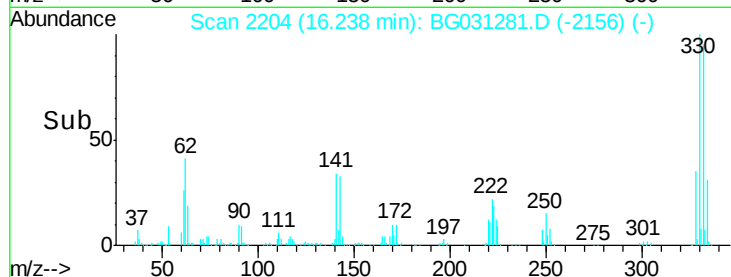
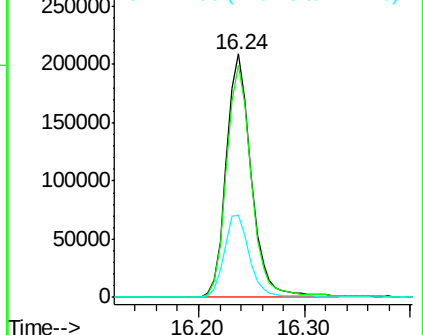
141 34.6 25.2 37.8



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: 99.56 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BG031281.D

Acq: 29 Nov 2017 21:37

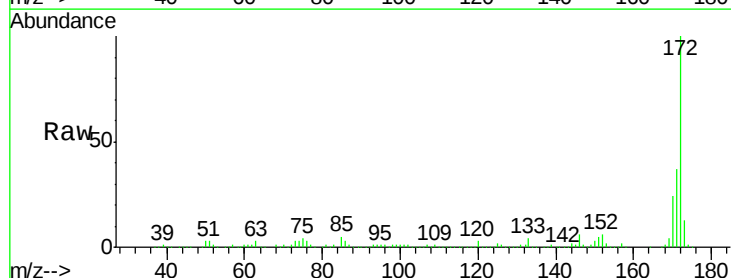
Tgt Ion:172 Resp: 1106332

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

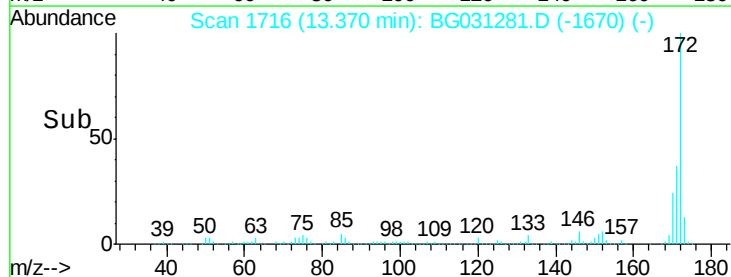
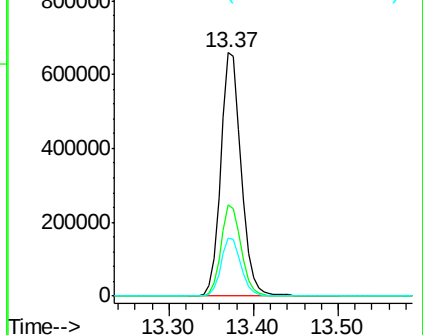
170 24.1 19.5 29.3



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

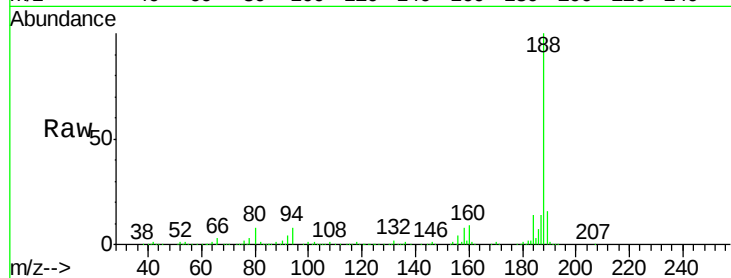




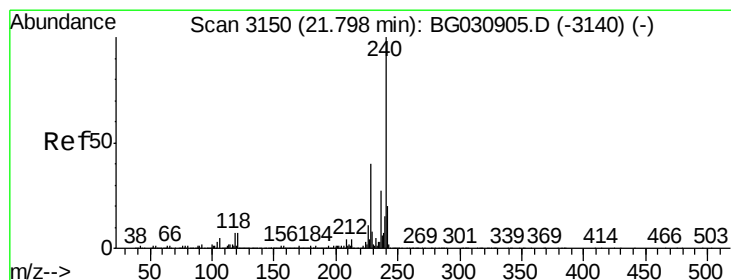
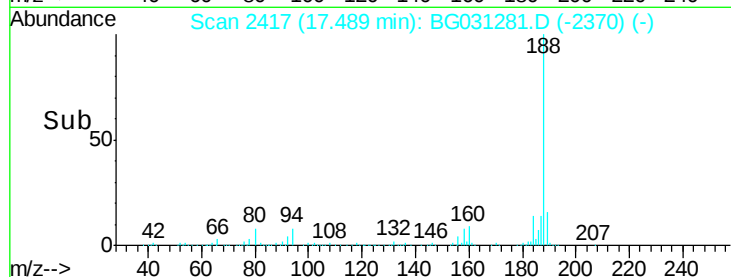
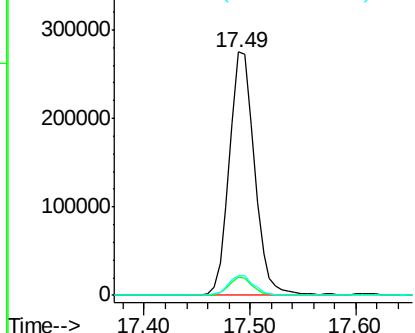
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031281.D
Acq: 29 Nov 2017 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 454342
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.3 7.7 11.5

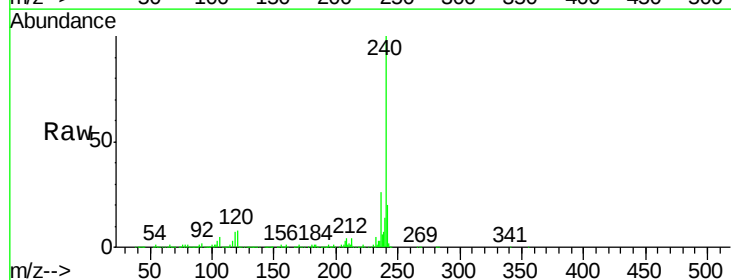


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

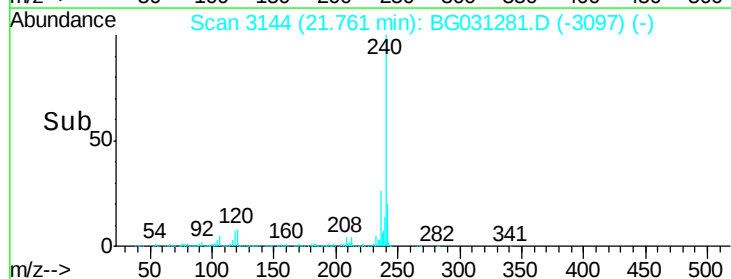
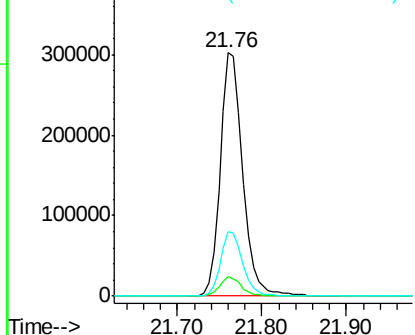


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031281.D
Acq: 29 Nov 2017 21:37

Tgt Ion:240 Resp: 557155
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.2 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: 94.16 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031281.D

Acq: 29 Nov 2017 21:37

Instrument :

BNA_G

ClientSampleId :

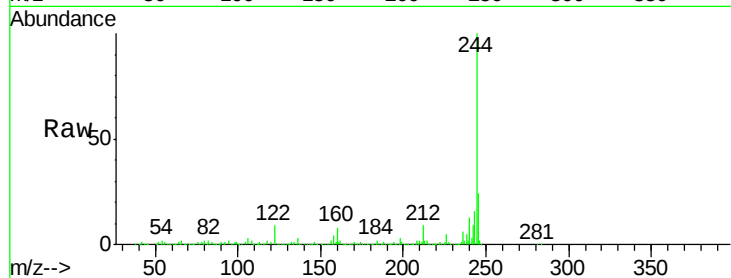
Tot Ion:244 Resp: 2375900

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

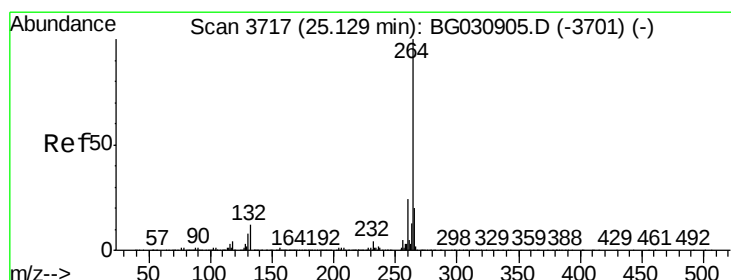
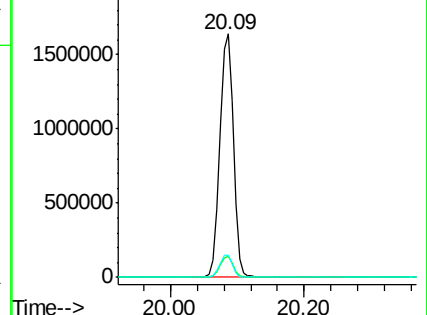
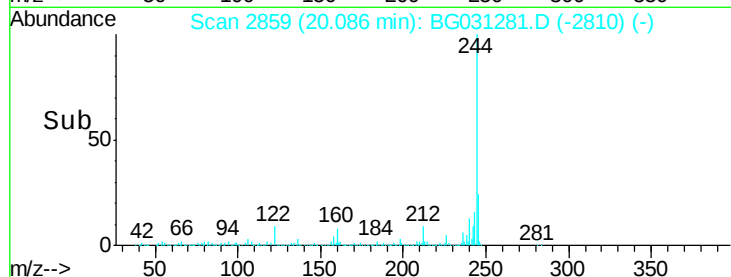
122 9.4 7.0 10.4



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: BG031281.D

Acq: 29 Nov 2017 21:37

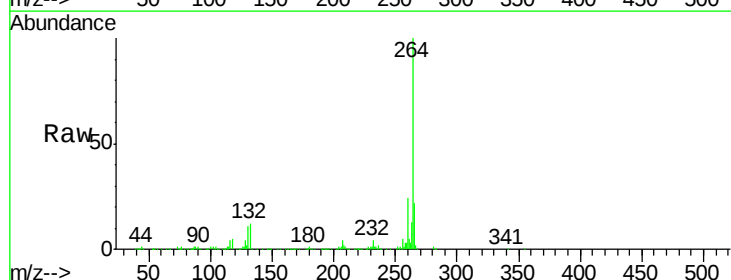
Tgt Ion:264 Resp: 544473

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.6 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

