

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031361.D
 Acq On : 5 Dec 2017 00:16
 Operator : SJ/JU
 Sample : I6642-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PENN-1-E(7-8)

Quant Time: Dec 05 04:20:38 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

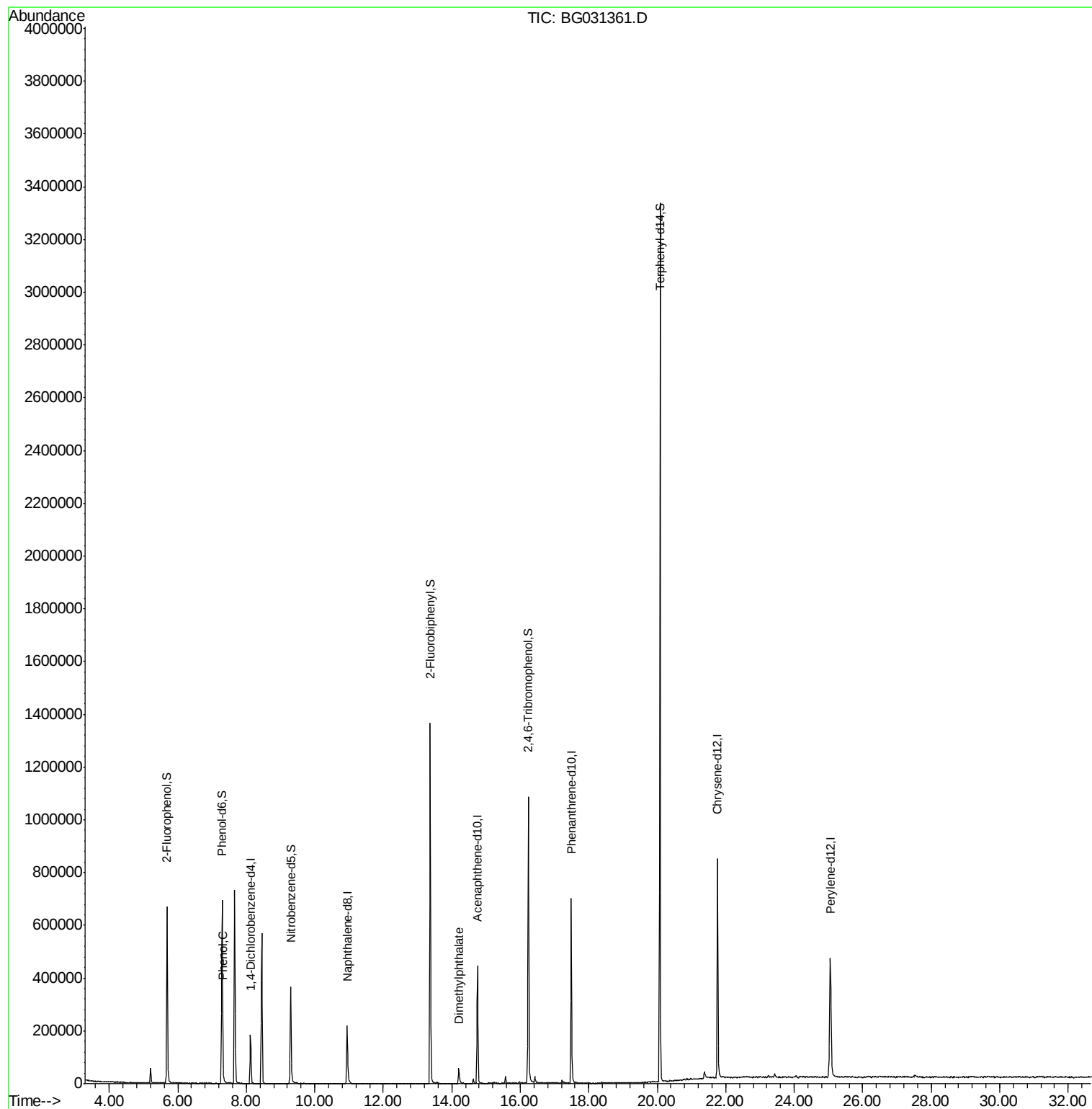
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	59463	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	256213	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	178773	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	492135	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	571265	20.00	ng	-0.02
86) Perylene-d12	25.05	264	555918	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	352843	101.75	ng	-0.02
7) Phenol-d6	7.30	99	477360	102.18	ng	-0.01
23) Nitrobenzene-d5	9.29	82	273025	63.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	245401	84.86	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	843493	67.80	ng	-0.03
78) Terphenyl-d14	20.08	244	1672343	64.64	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	12265	2.53	ng	Qvalue # 72
49) Dimethylphthalate	14.21	163	64412	4.17	ng	98

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

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BNA_G
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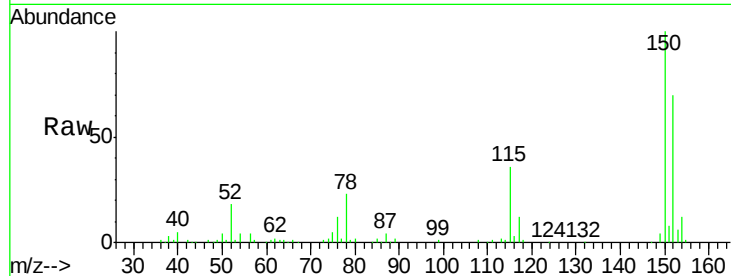


#1

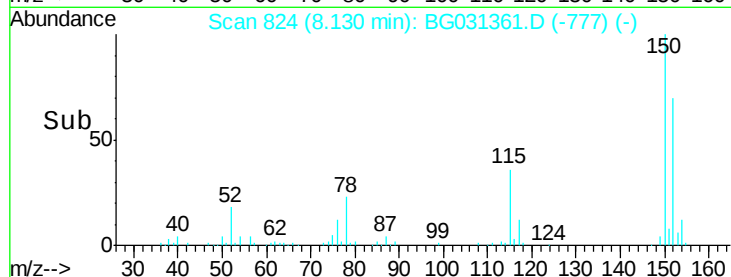
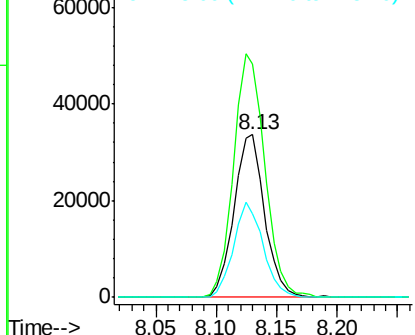
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Instrument :
BNA_G
ClientSampleId :
PENN-1-E(7-8)

Tot Ion:152 Resp: 59463
Ion Ratio Lower Upper
152 100
150 143.7 126.6 189.8
115 51.2 53.0 79.4#



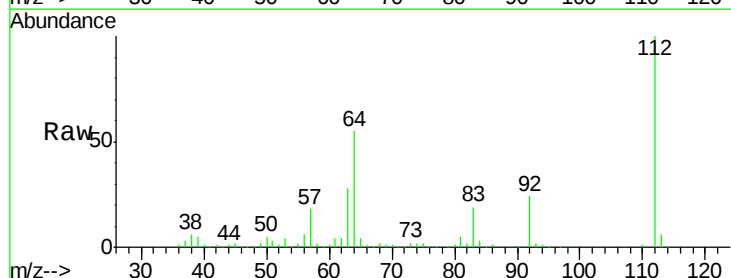
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



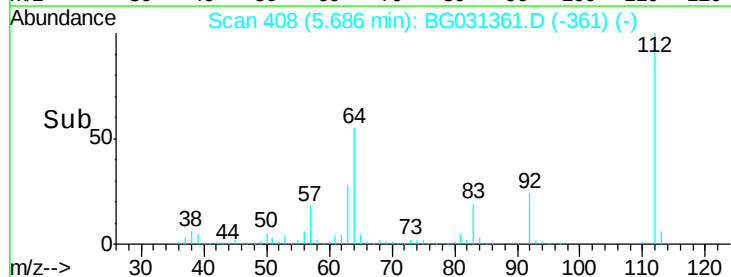
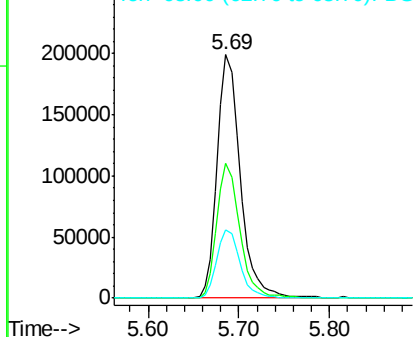
#5

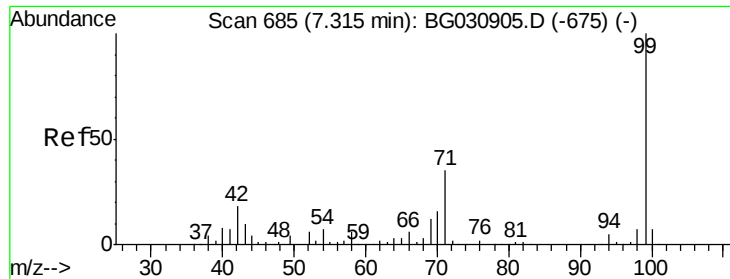
2-Fluorophenol
Concen: 101.75 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Tgt Ion:112 Resp: 352843
Ion Ratio Lower Upper
112 100
64 55.1 56.3 84.5#
63 28.2 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: 102.18 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031361.D

Acq: 5 Dec 2017 00:16

Instrument :

BNA_G

ClientSampleId :

PENN-1-E(7-8)

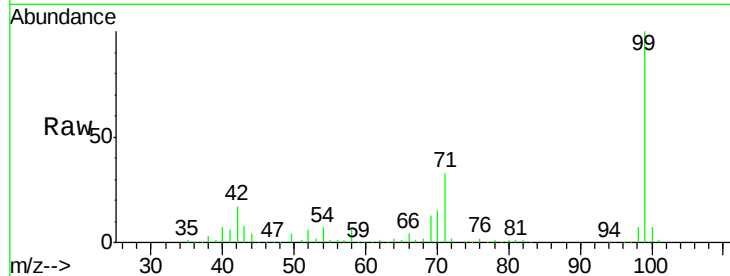
Tot Ion: 99 Resp: 477360

Ion Ratio Lower Upper

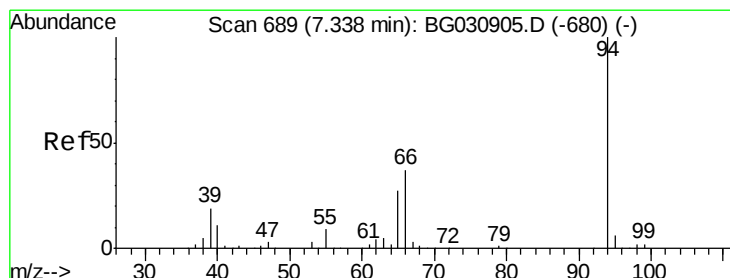
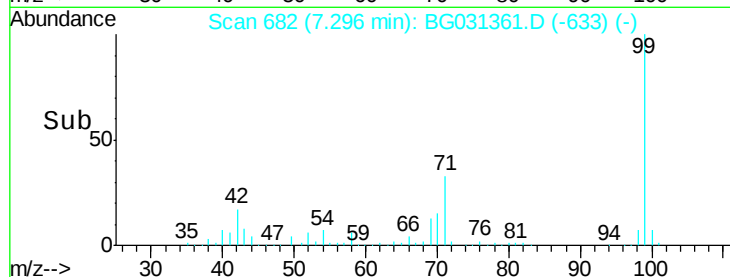
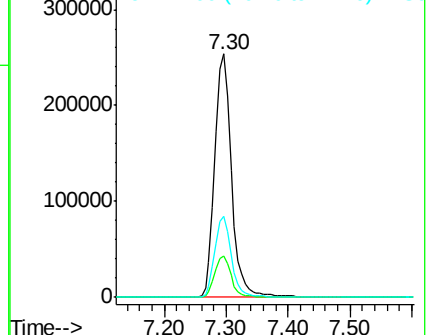
99 100

42 17.0 14.1 21.1

71 33.3 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



#10

Phenol

Concen: 2.53 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031361.D

Acq: 5 Dec 2017 00:16

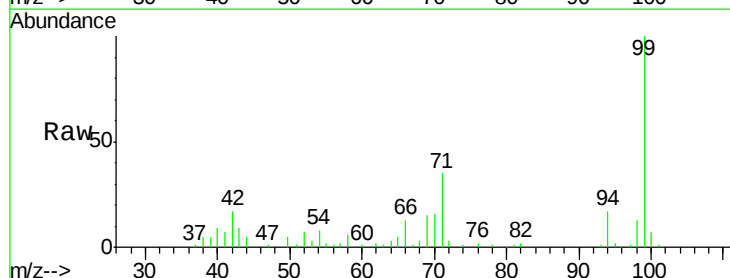
Tgt Ion: 94 Resp: 12265

Ion Ratio Lower Upper

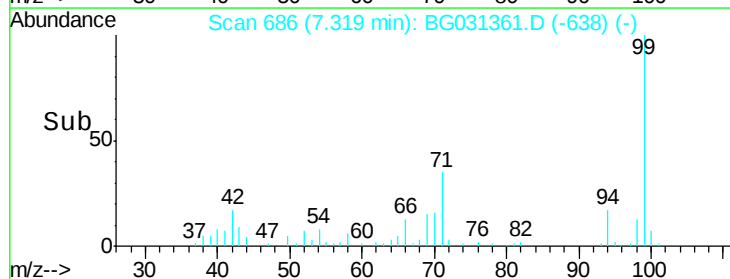
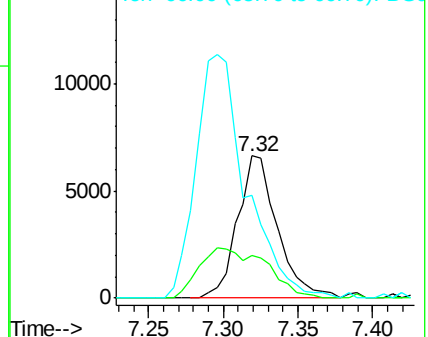
94 100

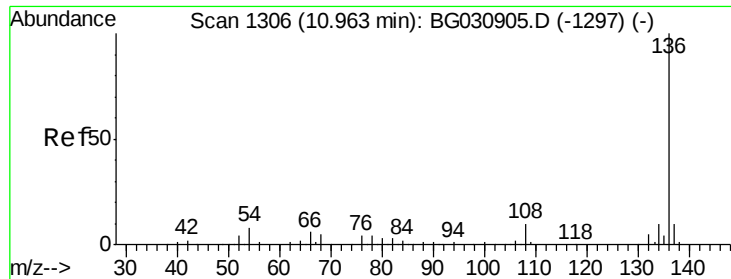
65 29.9 11.9 51.9

66 72.0 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

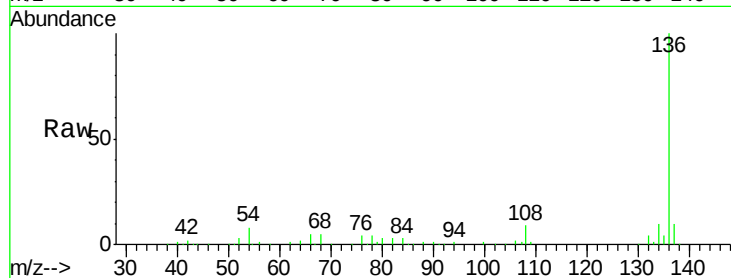




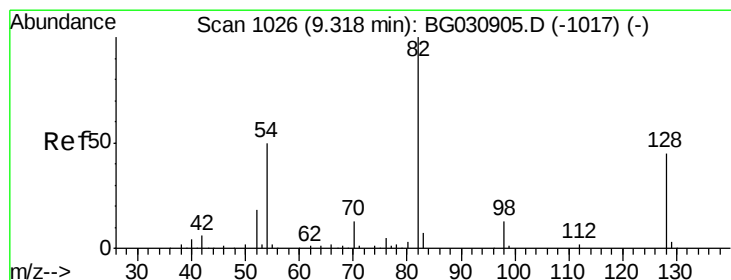
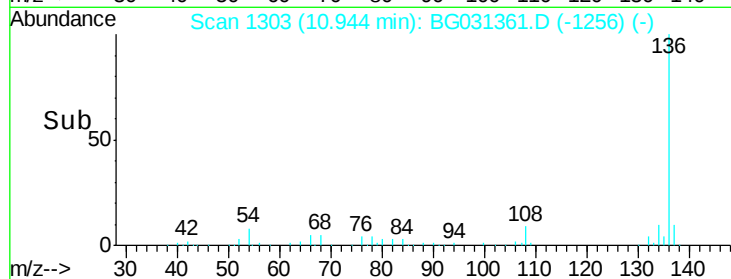
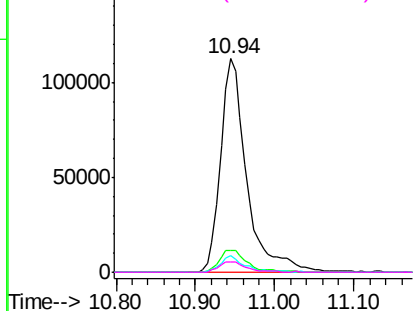
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Instrument :
BNA_G
ClientSampleId :
PENN-1-E(7-8)

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.1	10.3	15.5
68	5.0	4.5	6.7

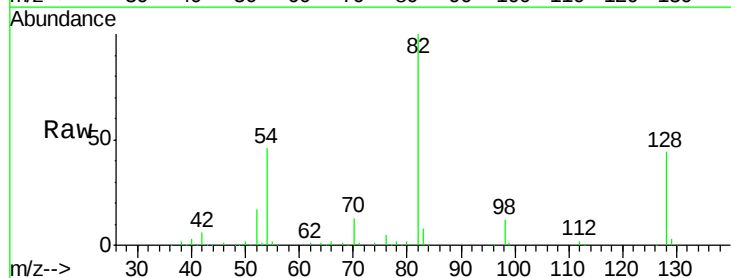


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

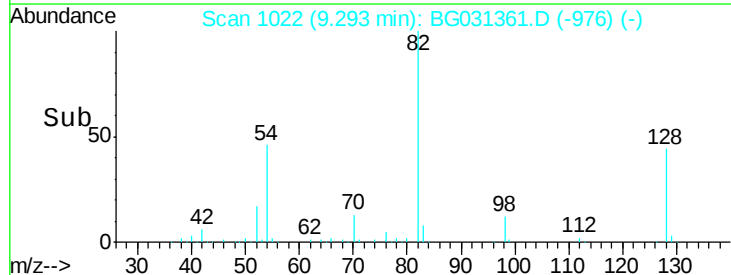
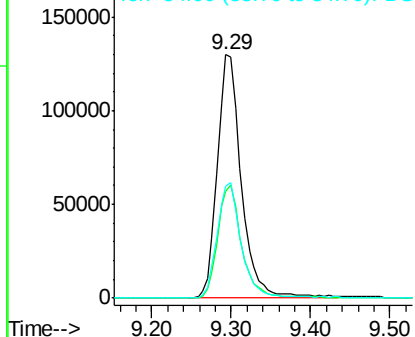


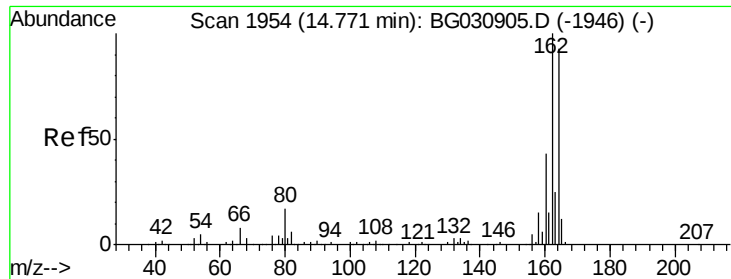
#23
Nitrobenzene-d5
Concen: 63.14 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	45.9	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

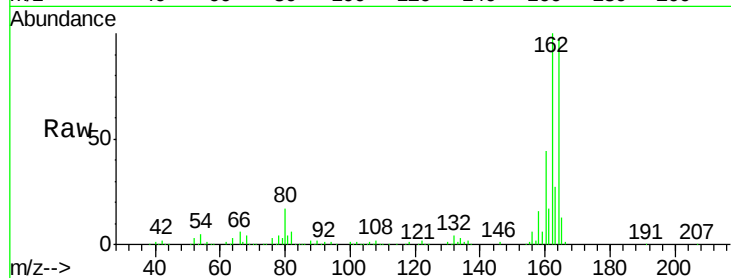




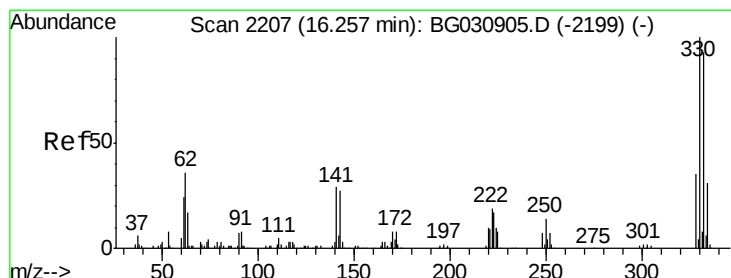
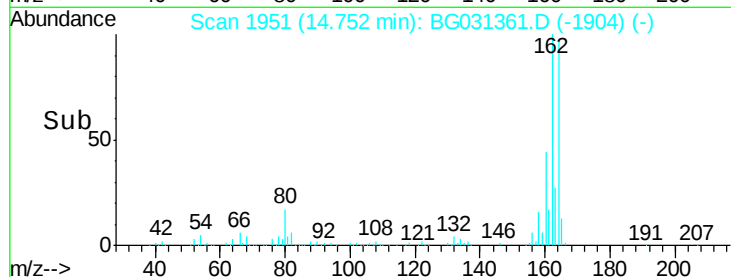
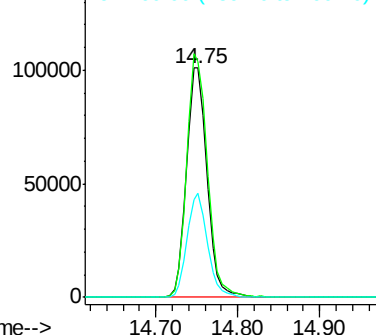
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Instrument :
BNA_G
ClientSampleId :
PENN-1-E(7-8)

Tot Ion:164 Resp: 178773
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 45.3 35.4 53.0

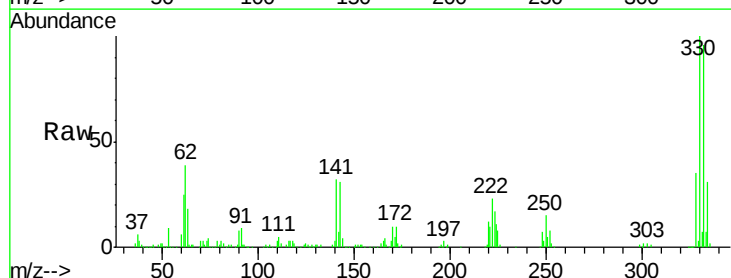


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

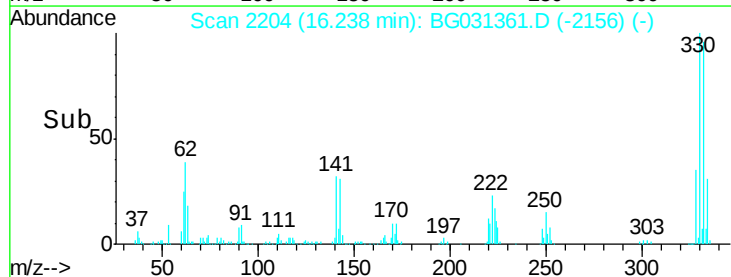
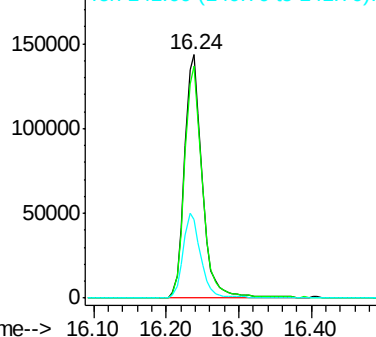


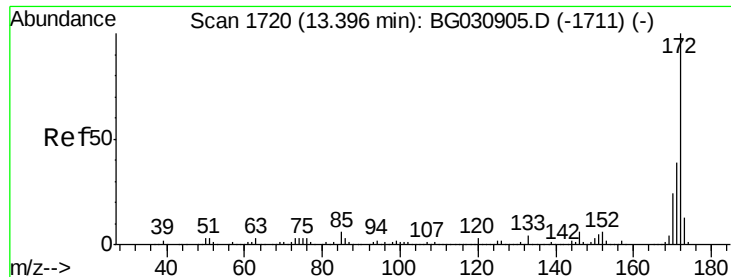
#41
2,4,6-Tribromophenol
Concen: 84.86 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Tgt Ion:330 Resp: 245401
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 34.8 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

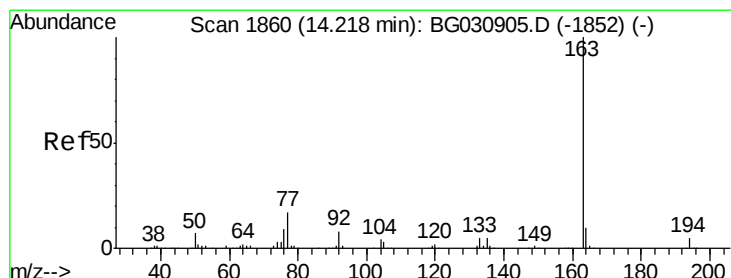
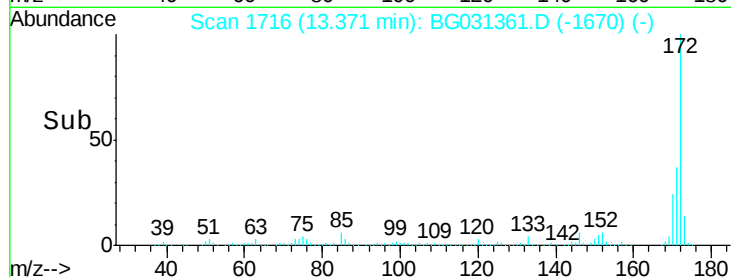
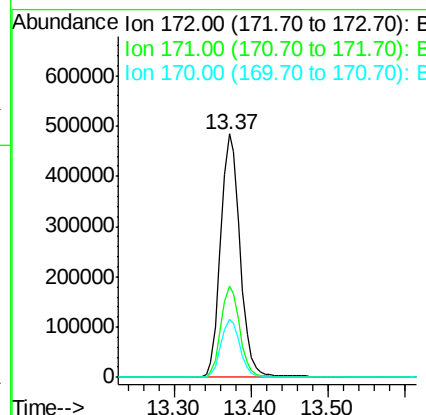
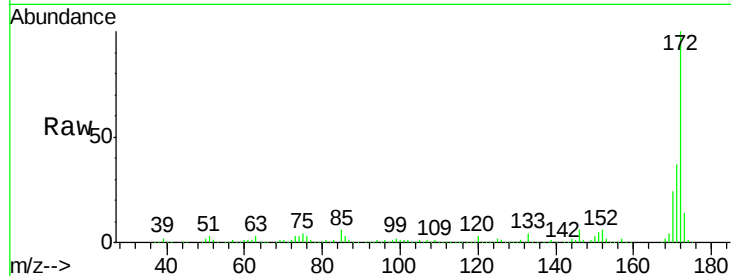




#44
2-Fluorobiphenyl
Concen: 67.80 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

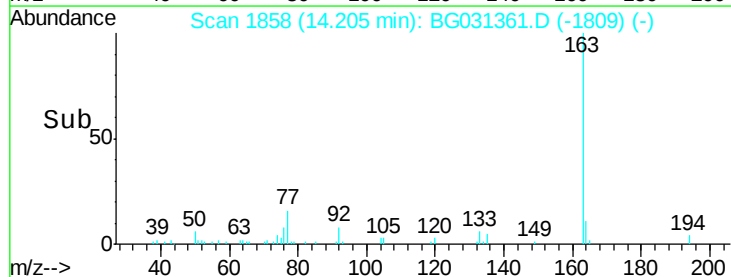
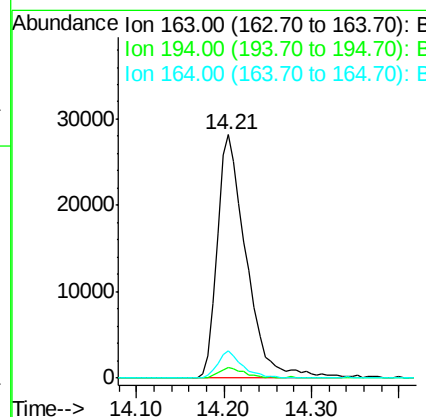
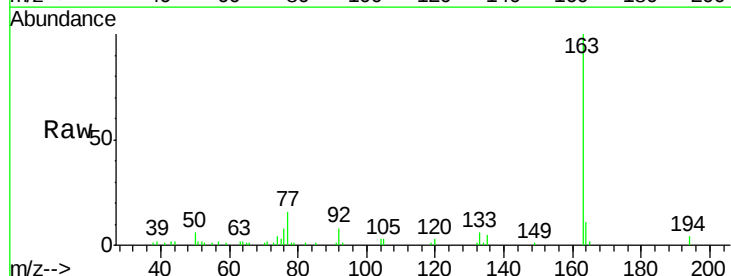
Instrument :
BNA_G
ClientSampleId :
PENN-1-E(7-8)

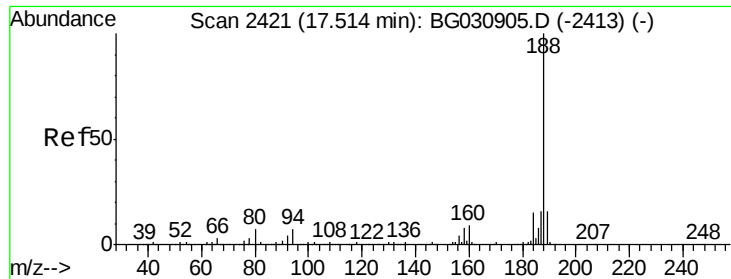
Tot Ion:172 Resp: 843493
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.1 19.5 29.3



#49
Dimethylphthalate
Concen: 4.17 ng
RT: 14.21 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Tgt Ion:163 Resp: 64412
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 11.2 8.2 12.4

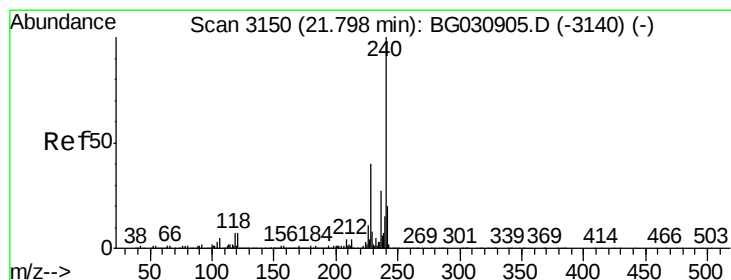
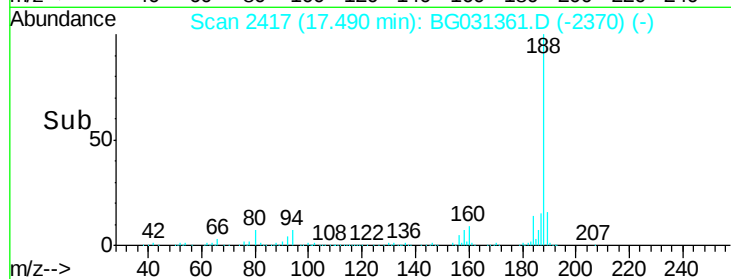
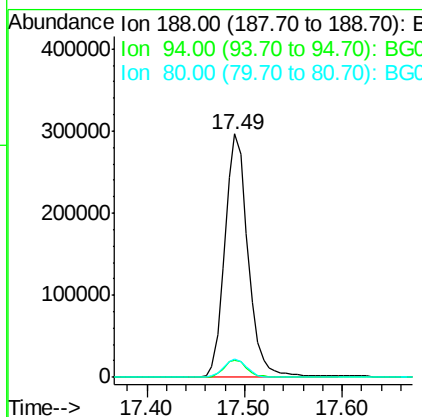
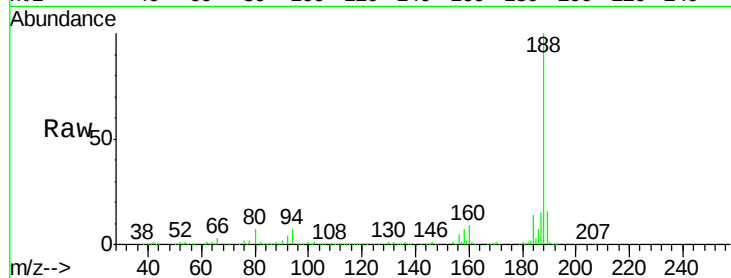




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

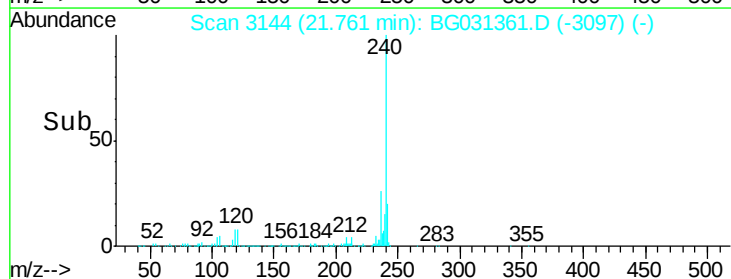
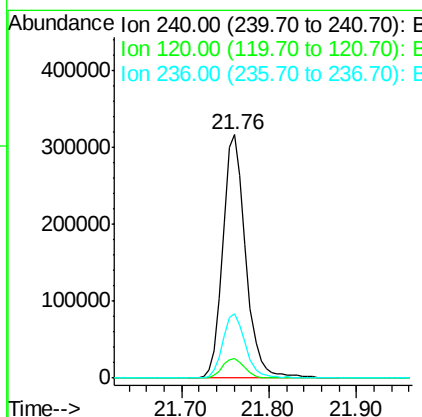
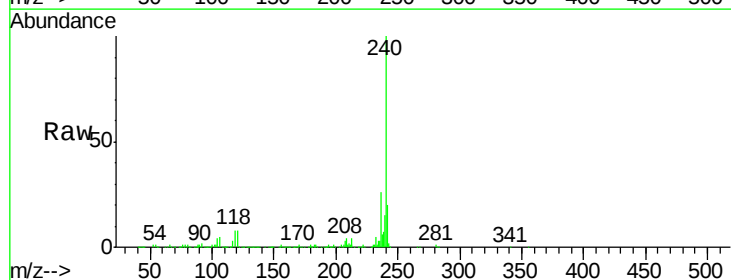
Instrument :
BNA_G
ClientSampleId :
PENN-1-E(7-8)

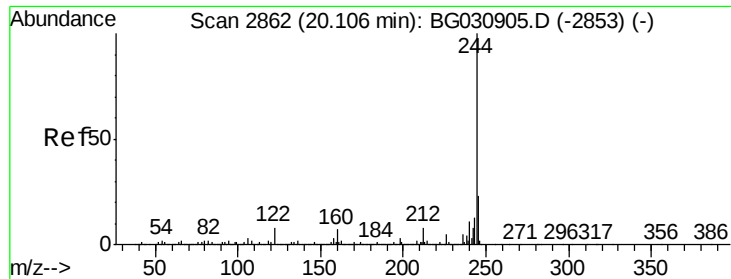
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.4	7.7	11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031361.D
Acq: 5 Dec 2017 00:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	26.3	20.9	31.3





#78

Terphenyl-d14

Concen: 64.64 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031361.D

Acq: 5 Dec 2017 00:16

Instrument :

BNA_G

ClientSampleId :

PENN-1-E(7-8)

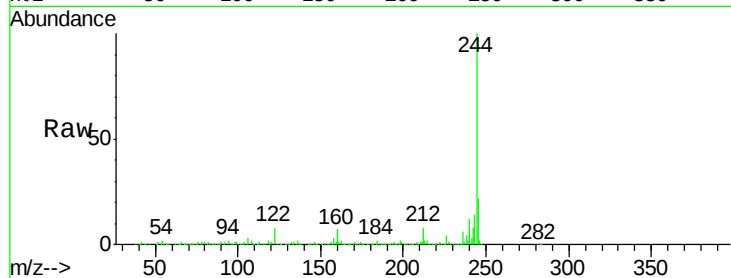
Tot Ion:244 Resp: 1672343

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

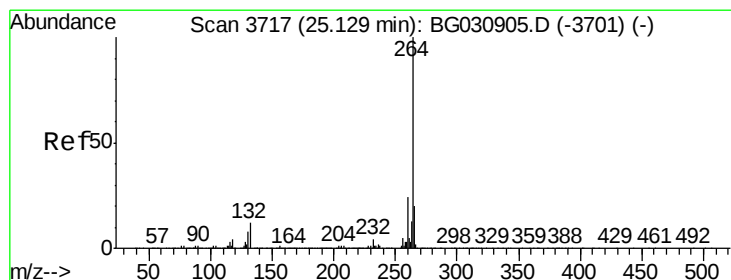
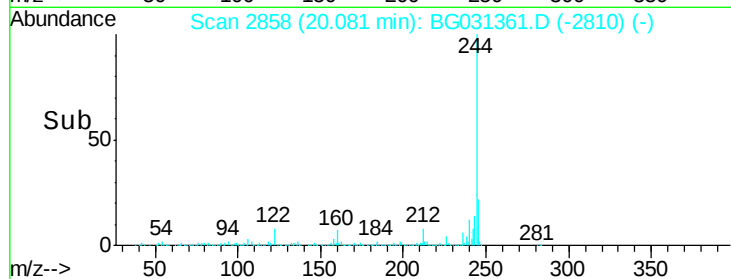
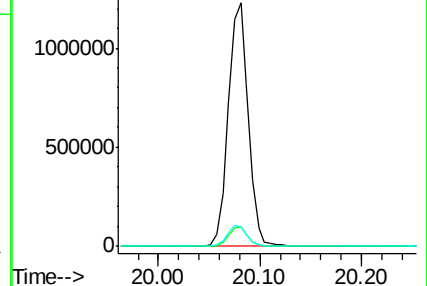
122 8.1 7.0 10.4



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: 25.05 min Scan# 3704

Delta R.T. -0.04 min

Lab File: BG031361.D

Acq: 5 Dec 2017 00:16

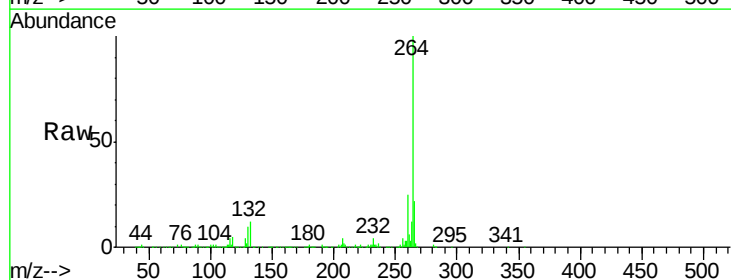
Tgt Ion:264 Resp: 555918

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.3 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

