

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031420.D
 Acq On : 8 Dec 2017 12:57
 Operator : SJ/JU
 Sample : I6731-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 113017-TIDO-E-D-S

Quant Time: Dec 08 13:55:56 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	44689	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	193340	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	139528	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	424490	20.00	ng	0.00
75) Chrysene-d12	21.76	240	489805	20.00	ng	0.00
86) Perylene-d12	25.06	264	469511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	123991	47.58	ng	0.00
7) Phenol-d6	7.30	99	99521	28.35	ng	0.00
23) Nitrobenzene-d5	9.29	82	307392	94.21	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	184804	81.88	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	916366	94.37	ng	0.00
78) Terphenyl-d14	20.08	244	1800648	81.17	ng	0.00

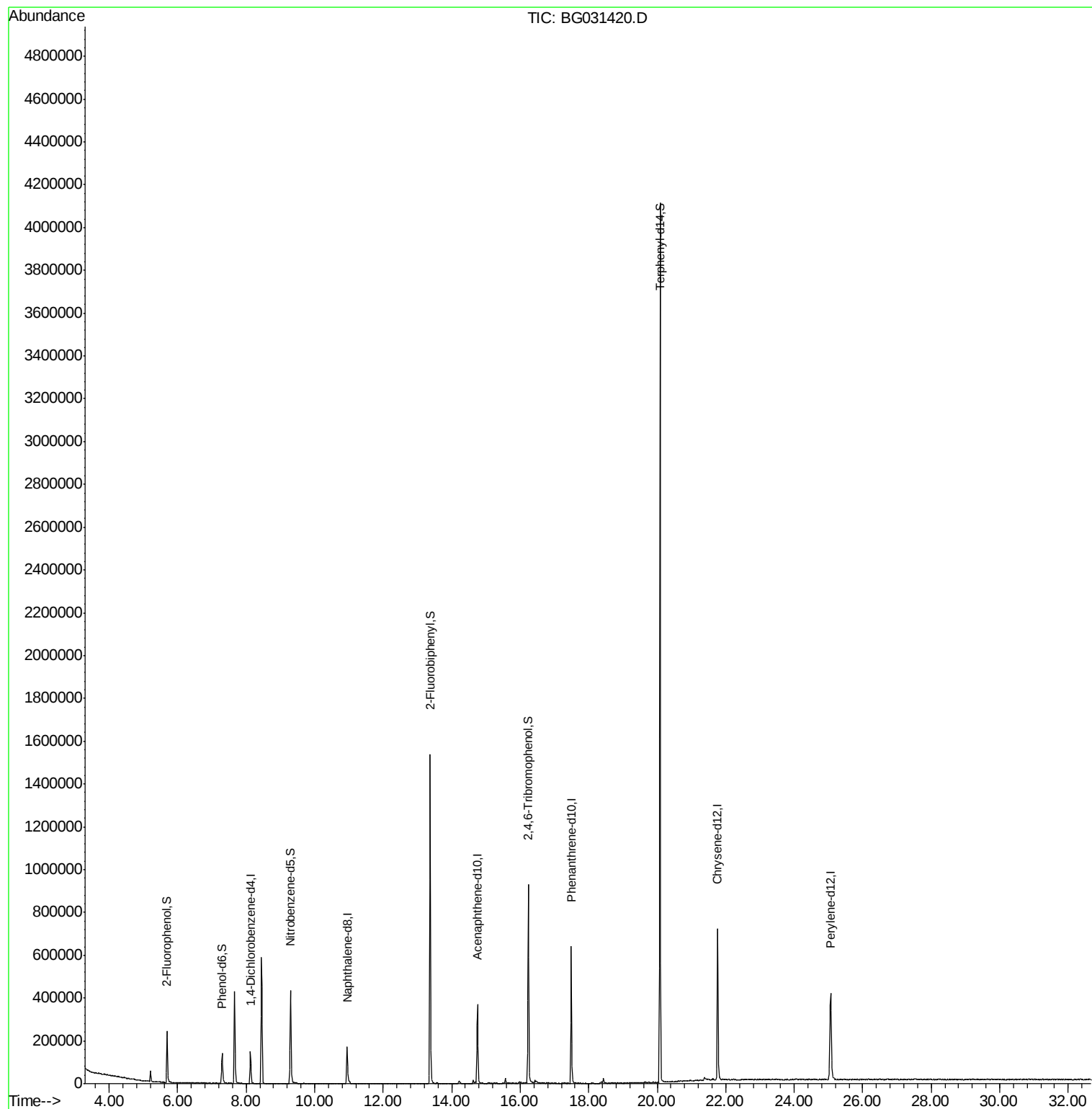
Target Compounds	Qvalue
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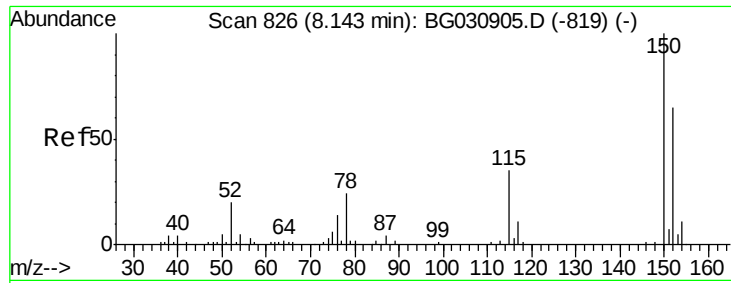
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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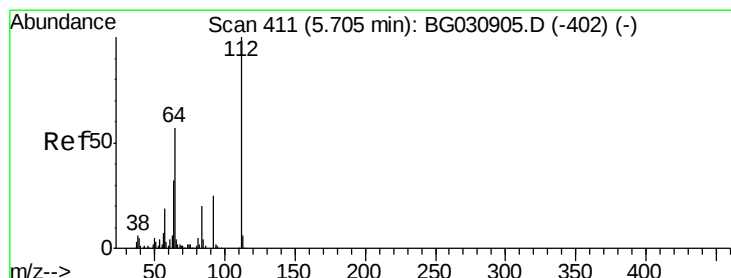
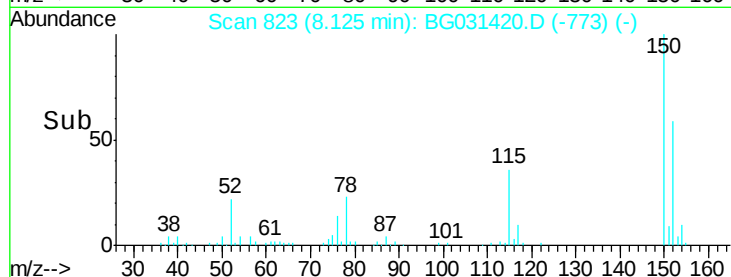
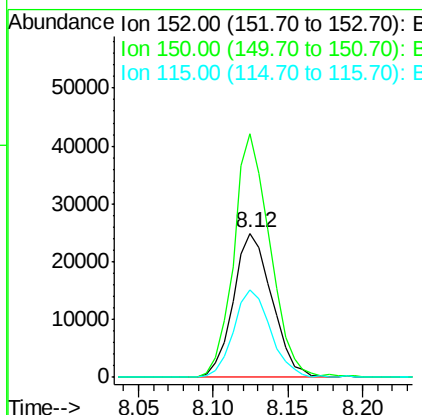
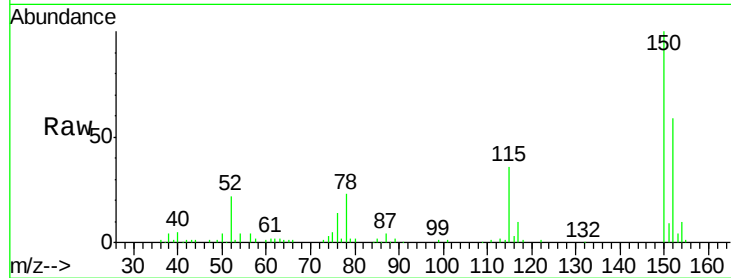


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031420.D
Acq: 8 Dec 2017 12:57

Instrument :
BNA_G
ClientSampleId :
113017-TIDO-E-D-S

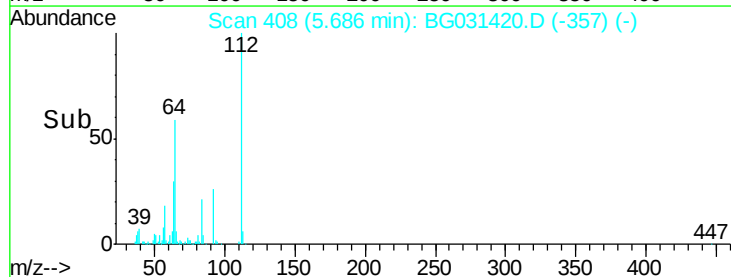
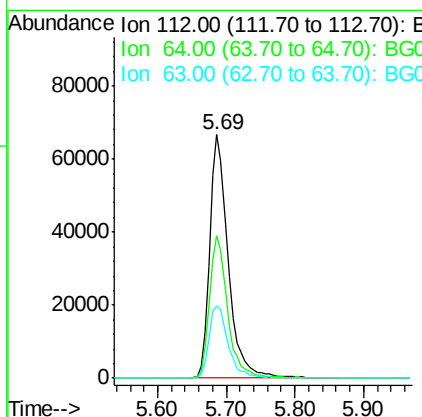
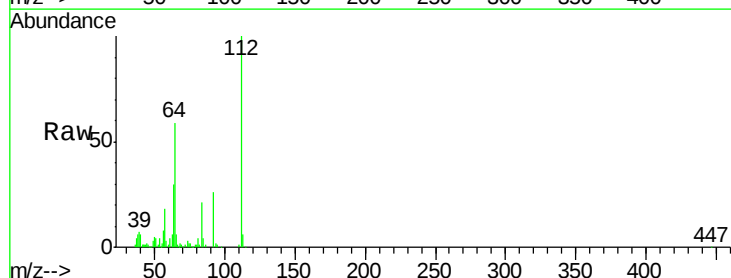
Tgt Ion:152 Resp: 44689
Ion Ratio Lower Upper
152 100
150 169.3 126.6 189.8
115 60.5 53.0 79.4

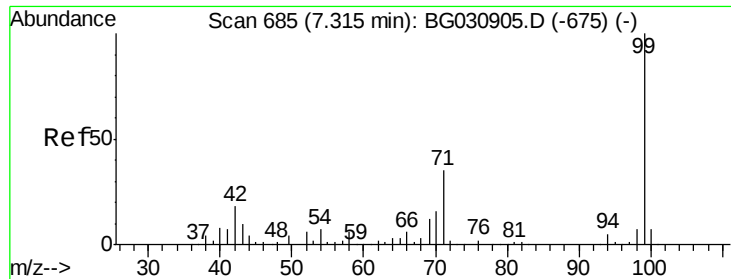


#5

2-Fluorophenol
Concen: 47.577 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031420.D
Acq: 8 Dec 2017 12:57

Tgt Ion:112 Resp: 123991
Ion Ratio Lower Upper
112 100
64 58.6 56.3 84.5
63 29.7 30.1 45.1#





#7

Phenol-d6

Concen: 28.345 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031420.D

Acq: 8 Dec 2017 12:57

Instrument :

BNA_G

ClientSampleId :

113017-TIDO-E-D-S

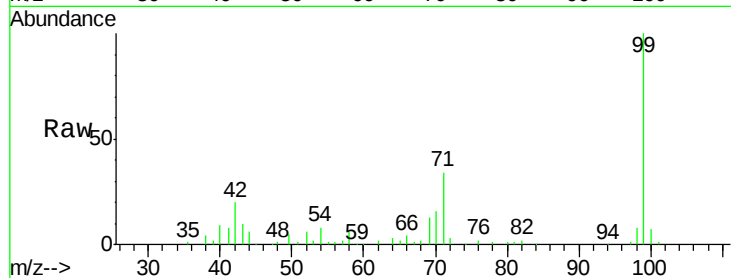
Tgt Ion: 99 Resp: 99521

Ion Ratio Lower Upper

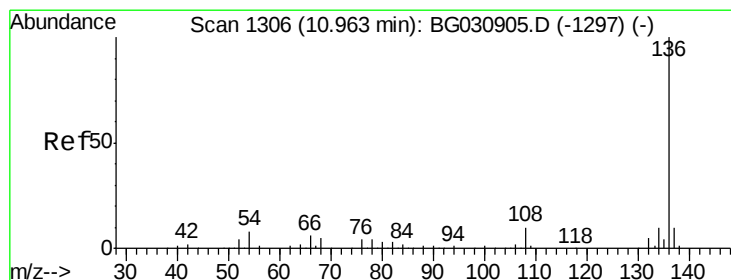
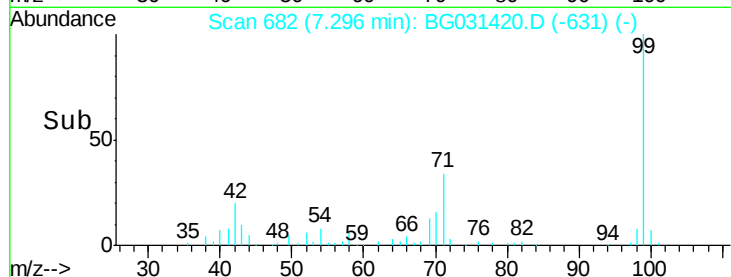
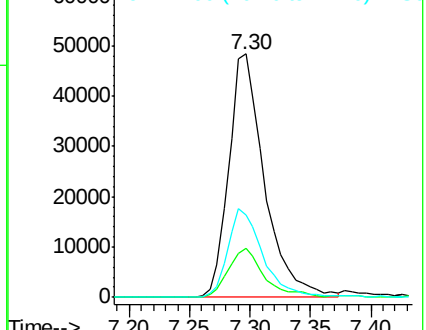
99 100

42 20.4 14.1 21.1

71 33.7 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: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031420.D

Acq: 8 Dec 2017 12:57

Tgt Ion: 136 Resp: 193340

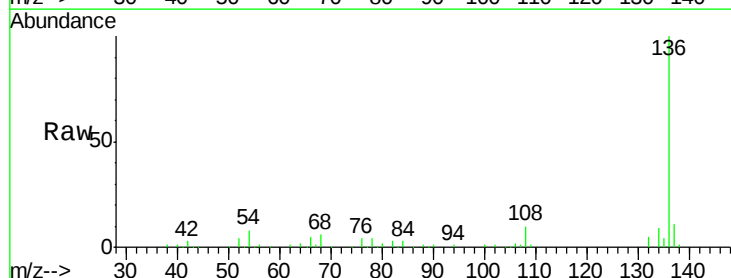
Ion Ratio Lower Upper

136 100

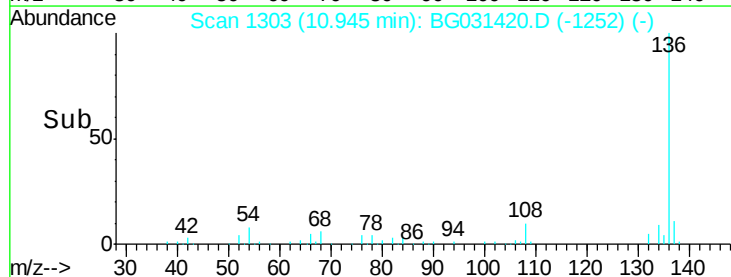
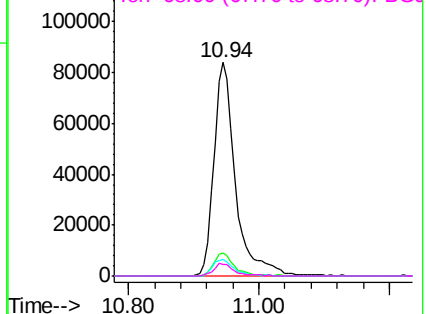
137 10.7 9.2 13.8

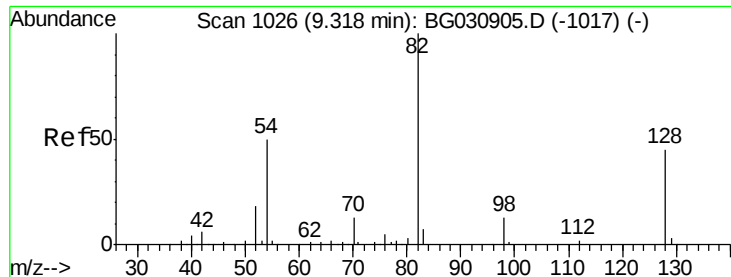
54 8.0 10.3 15.5#

68 5.6 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

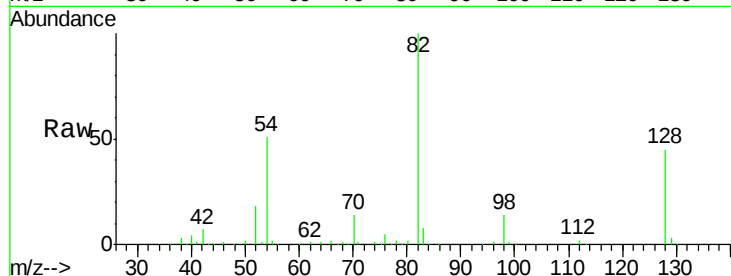




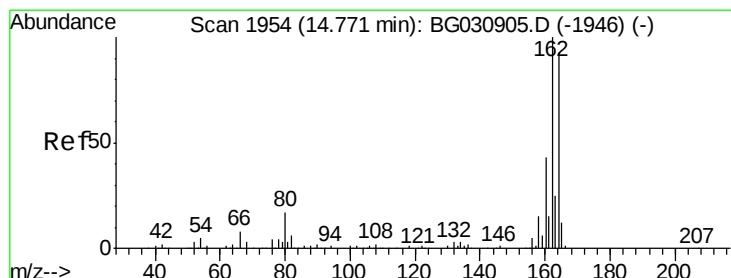
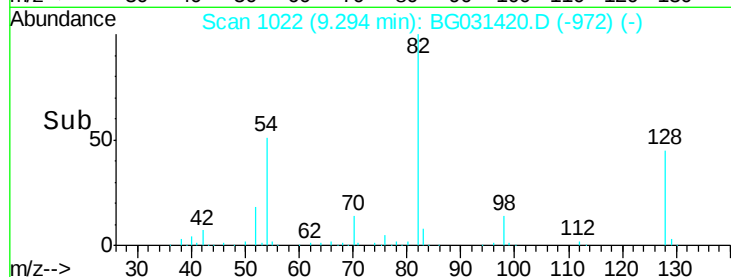
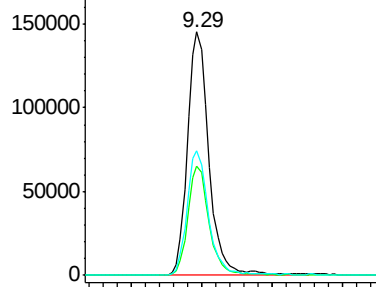
#23
Nitrobenzene-d5
Concen: 94.212 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031420.D
Acq: 8 Dec 2017 12:57

Instrument :
BNA_G
ClientSampleId :
113017-TIDO-E-D-S

Tgt Ion: 82 Resp: 307392
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 51.4 43.1 64.7

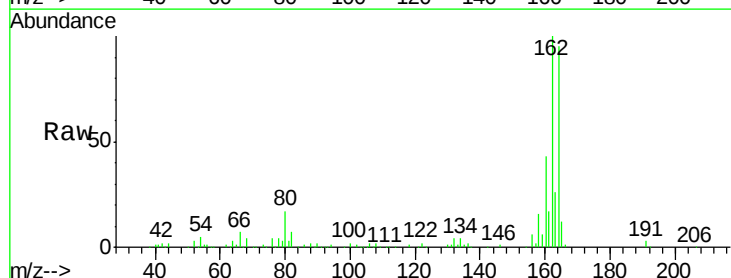


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

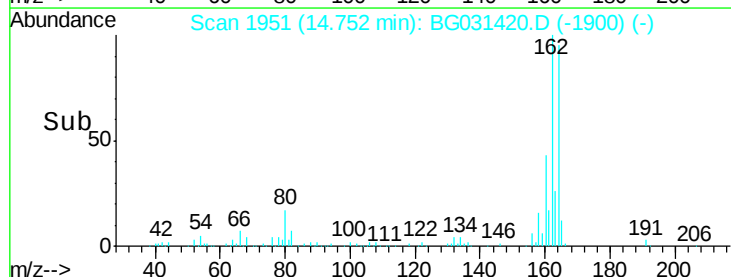
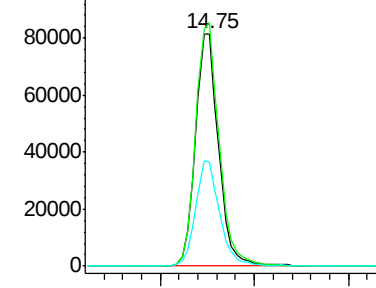


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031420.D
Acq: 8 Dec 2017 12:57

Tgt Ion: 164 Resp: 139528
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 45.0 35.4 53.0



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

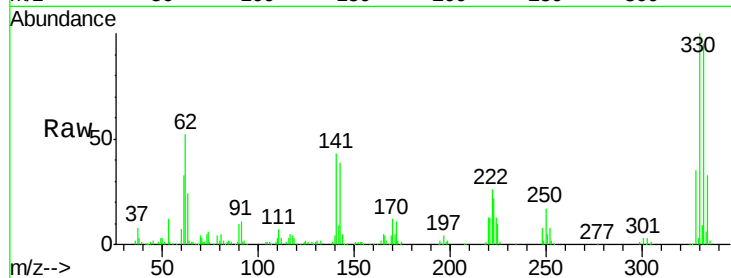




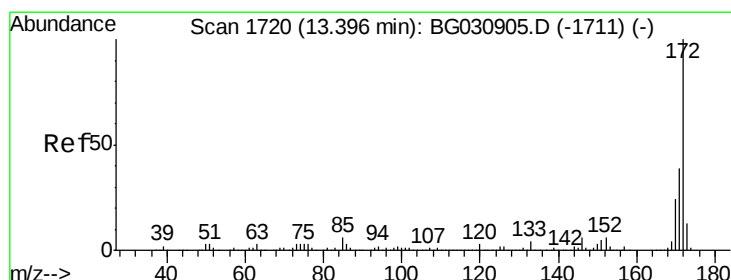
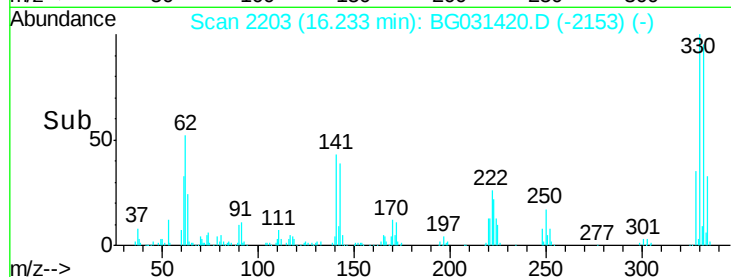
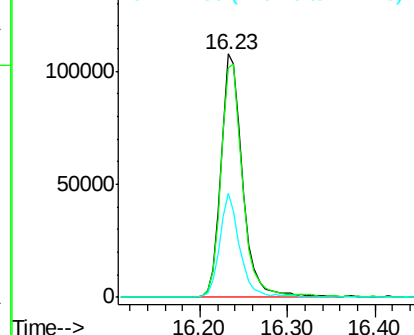
#41
 2,4,6-Tribromophenol
 Concen: 81.876 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG031420.D
 Acq: 8 Dec 2017 12:57

Instrument :
 BNA_G
 ClientSampleId :
 113017-TIDO-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.8	25.2	37.8#

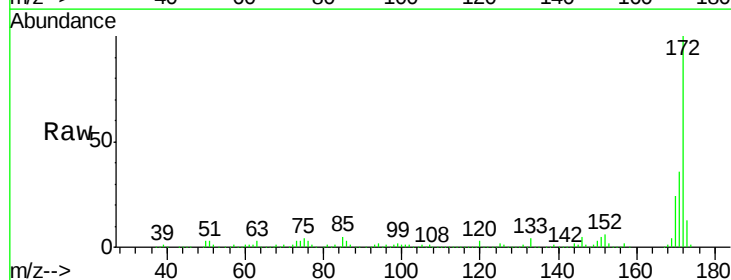


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

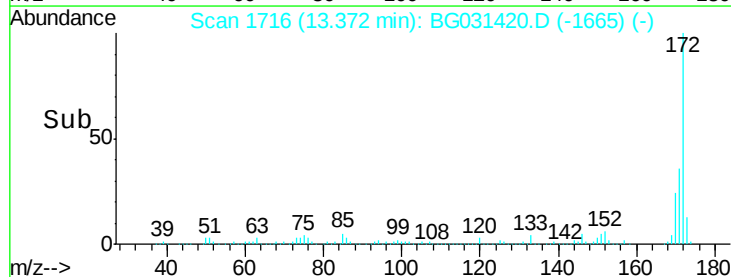
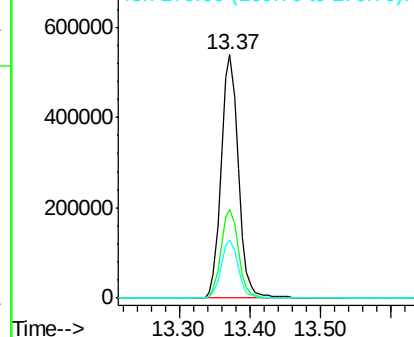


#44
 2-Fluorobiphenyl
 Concen: 94.369 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031420.D
 Acq: 8 Dec 2017 12:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.6	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

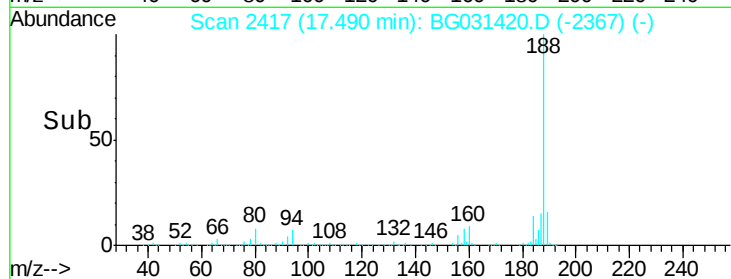
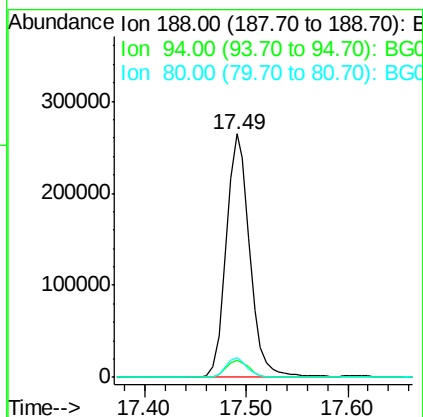
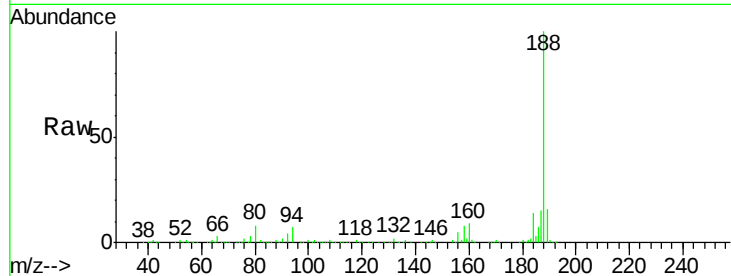




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031420.D
Acq: 8 Dec 2017 12:57

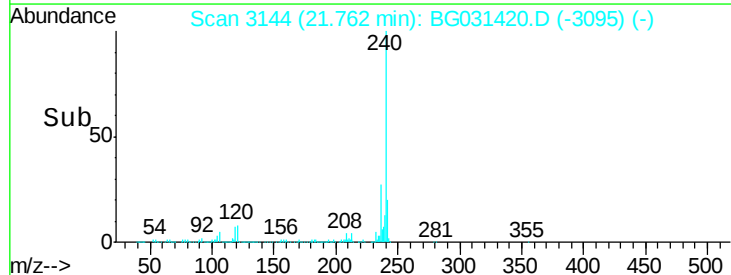
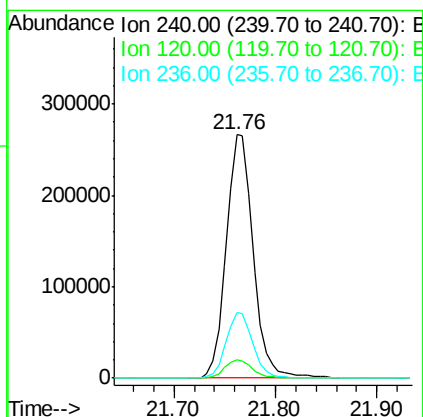
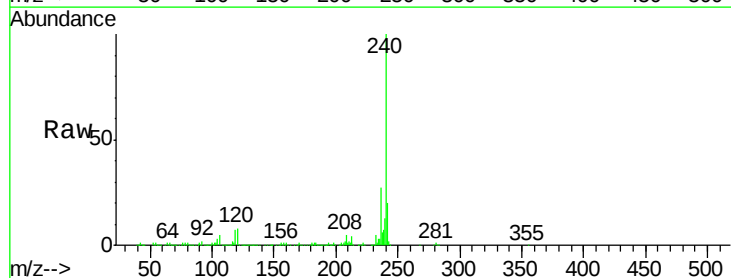
Instrument :
BNA_G
ClientSampleId :
113017-TIDO-E-D-S

Tgt Ion:188 Resp: 424490
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031420.D
Acq: 8 Dec 2017 12:57

Tgt Ion:240 Resp: 489805
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 81.175 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031420.D

Acq: 8 Dec 2017 12:57

Instrument :

BNA_G

ClientSampleId :

113017-TIDO-E-D-S

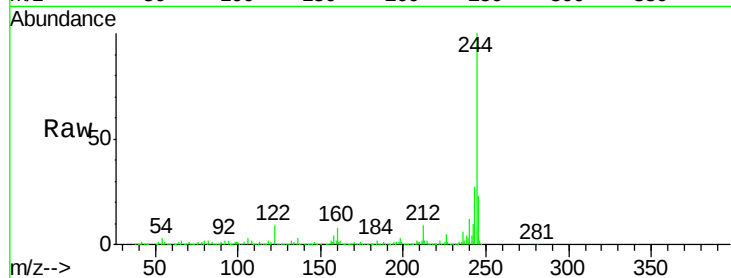
Tgt Ion:244 Resp: 1800648

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

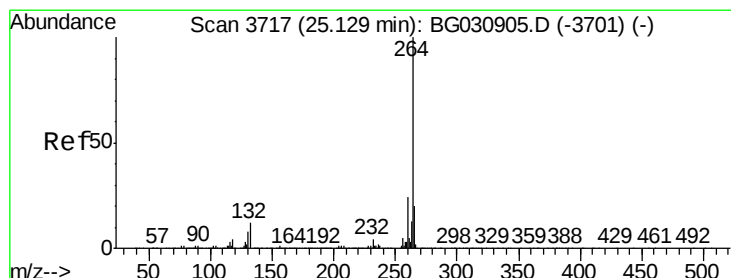
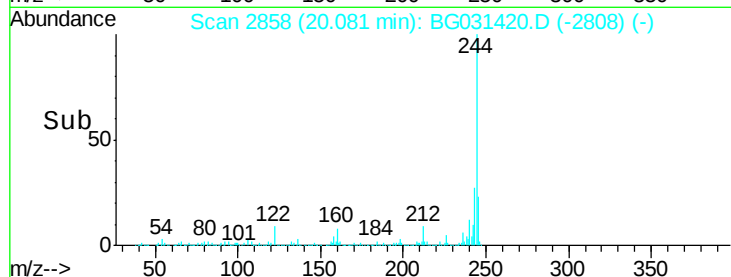
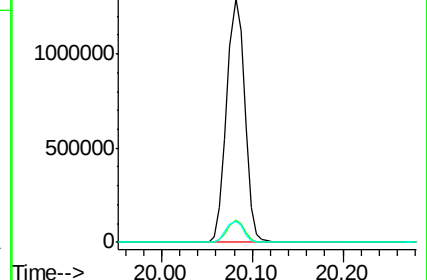
122 8.7 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031420.D

Acq: 8 Dec 2017 12:57

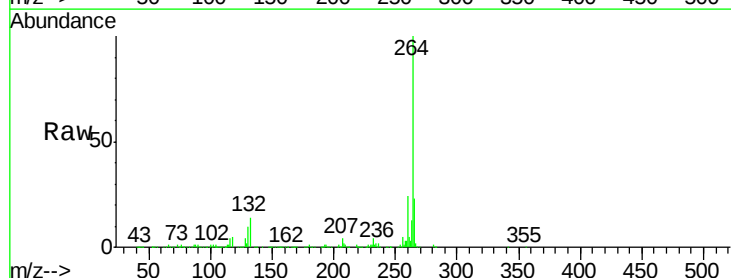
Tgt Ion:264 Resp: 469511

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.9 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

