

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031419.D
 Acq On : 8 Dec 2017 12:19
 Operator : SJ/JU
 Sample : I6731-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 08 13:22:25 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	44917	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	195472	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	141351	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	432794	20.00	ng	0.00
75) Chrysene-d12	21.77	240	491240	20.00	ng	0.00
86) Perylene-d12	25.06	264	468956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	120171	45.88	ng	0.00
7) Phenol-d6	7.30	99	107169	30.37	ng	0.00
23) Nitrobenzene-d5	9.29	82	323838	98.17	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	206388	90.26	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	963366	97.93	ng	0.00
78) Terphenyl-d14	20.08	244	1921397	86.37	ng	0.00

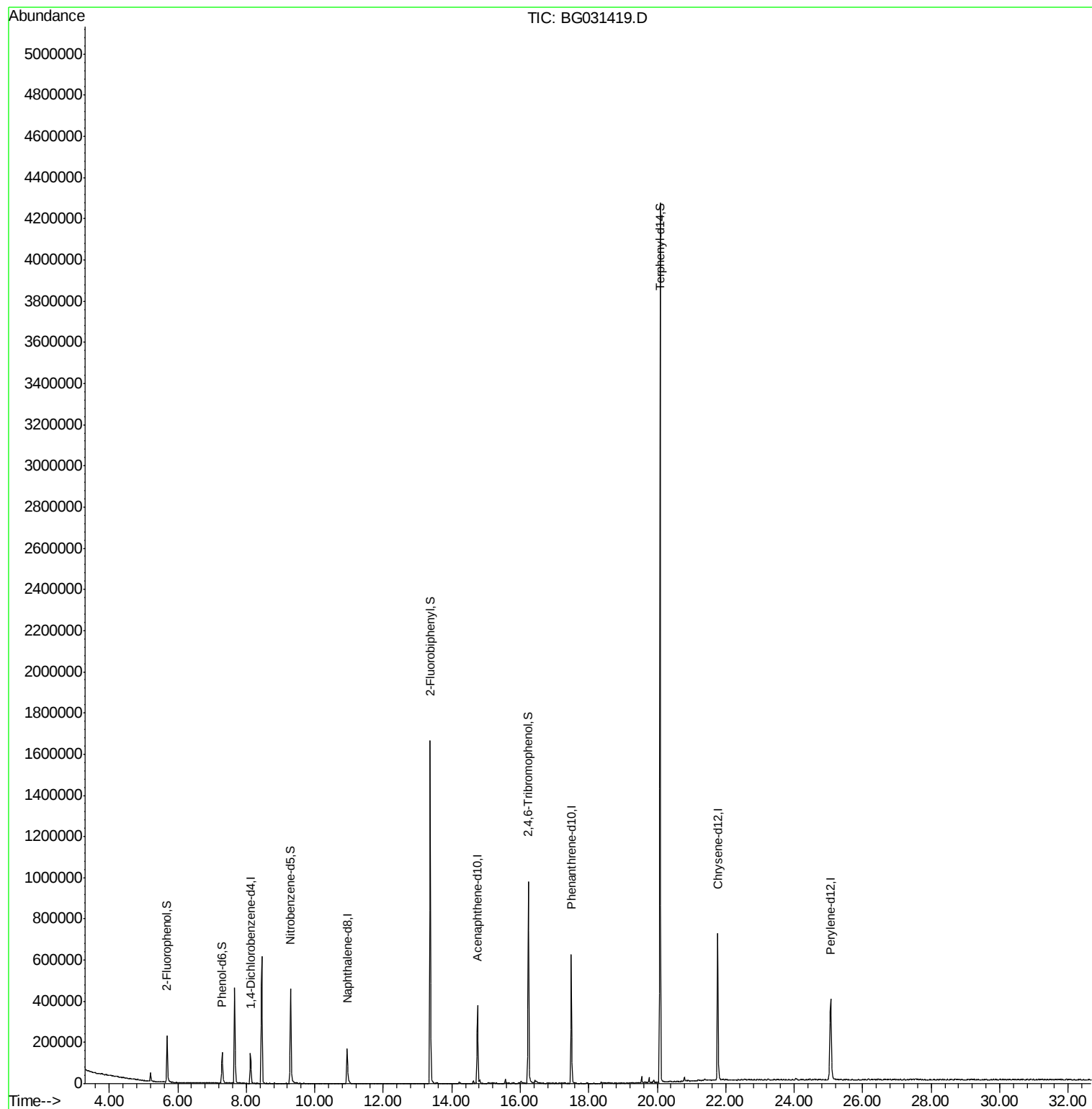
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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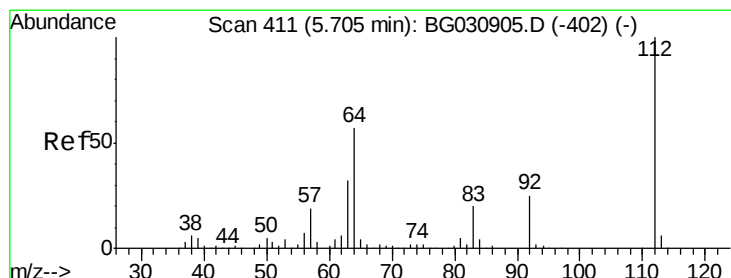
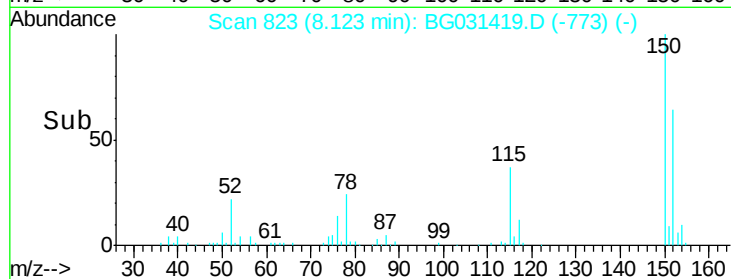
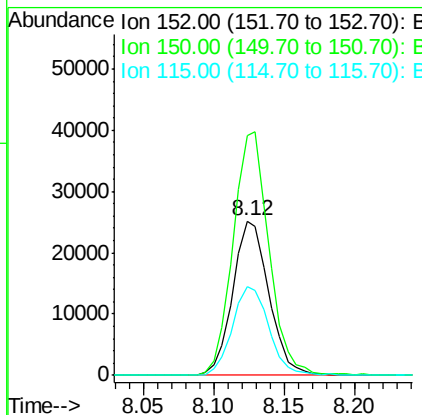
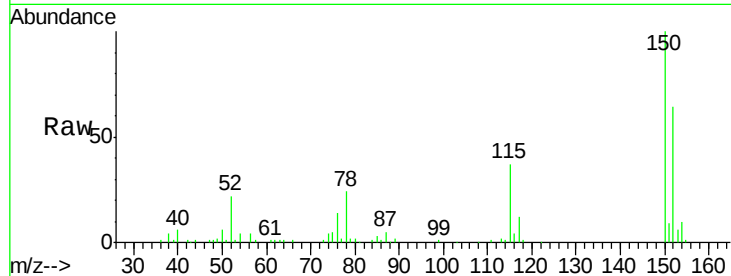


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031419.D
Acq: 8 Dec 2017 12:19

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

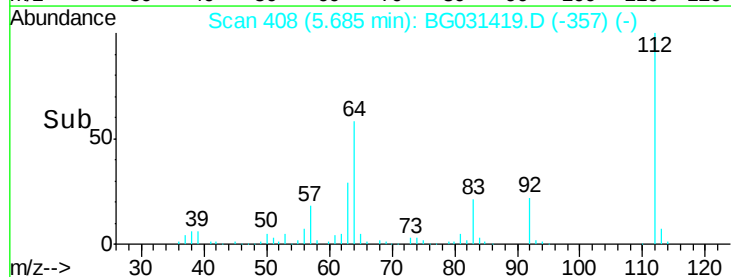
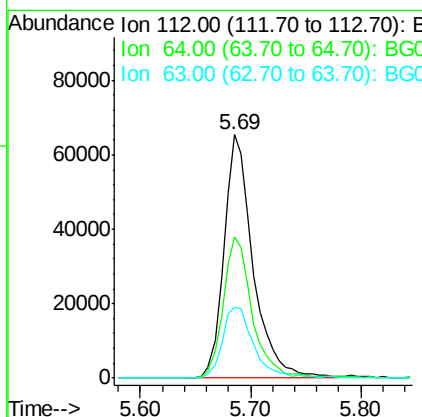
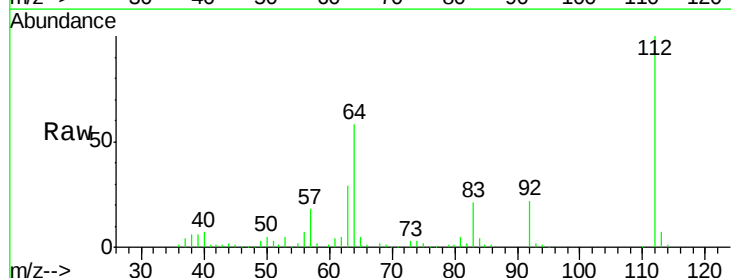
Tgt Ion:152 Resp: 44917
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 57.2 53.0 79.4

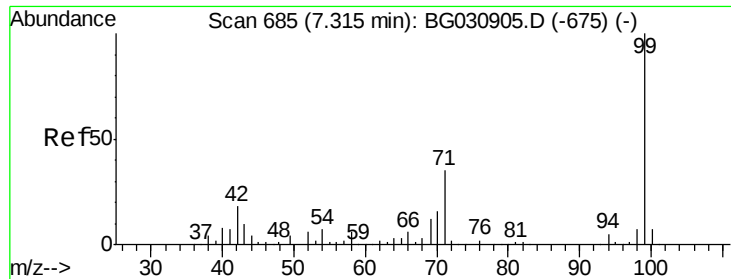


#5

2-Fluorophenol
Concen: 45.877 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031419.D
Acq: 8 Dec 2017 12:19

Tgt Ion:112 Resp: 120171
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 29.2 30.1 45.1#





#7

Phenol-d6

Concen: 30.369 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031419.D

Acq: 8 Dec 2017 12:19

Instrument :

BNA_G

ClientSampleId :

113017-TIDO-E-D-B

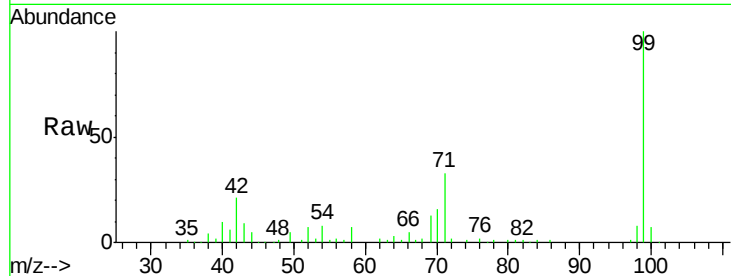
Tgt Ion: 99 Resp: 107169

Ion Ratio Lower Upper

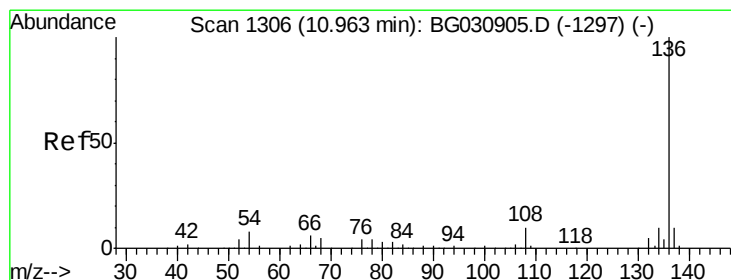
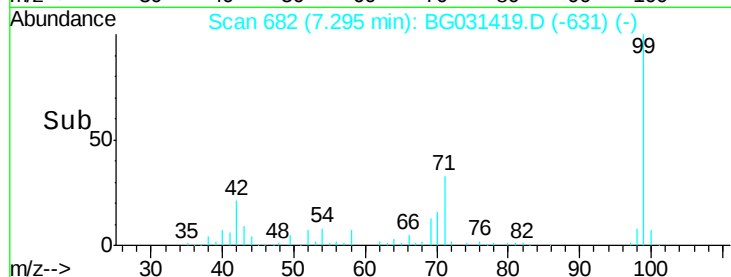
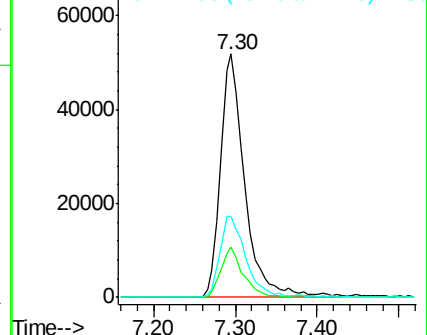
99 100

42 20.7 14.1 21.1

71 33.1 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: BG031419.D

Acq: 8 Dec 2017 12:19

Tgt Ion: 136 Resp: 195472

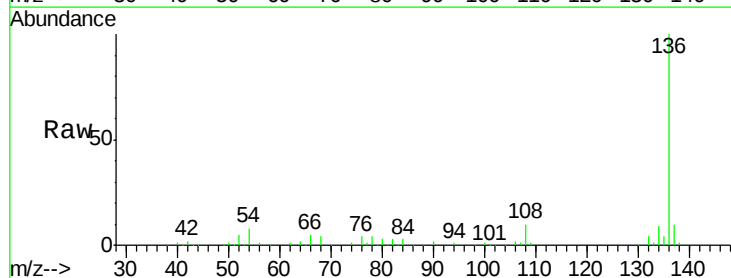
Ion Ratio Lower Upper

136 100

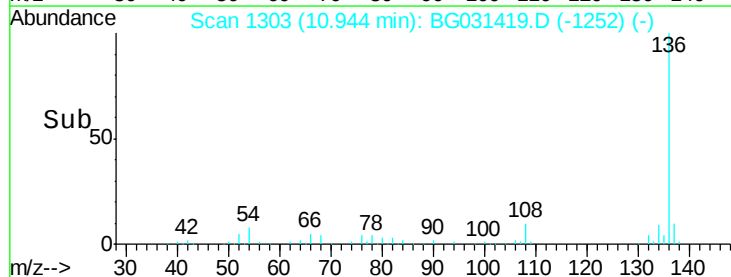
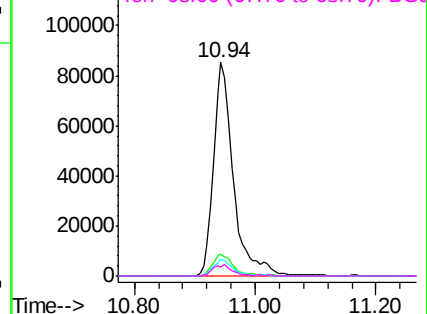
137 10.3 9.2 13.8

54 7.9 10.3 15.5#

68 4.4 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

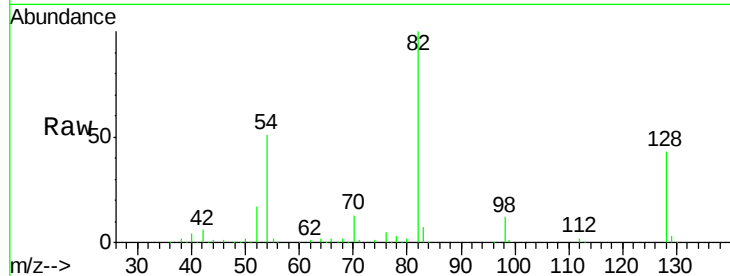




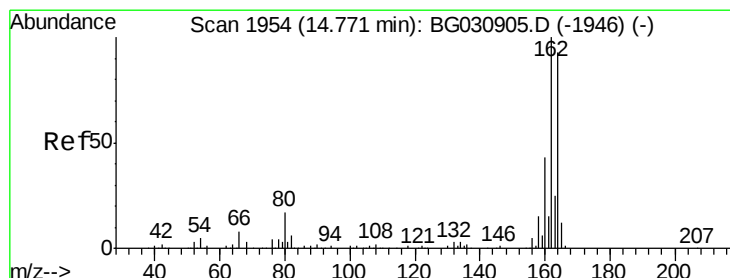
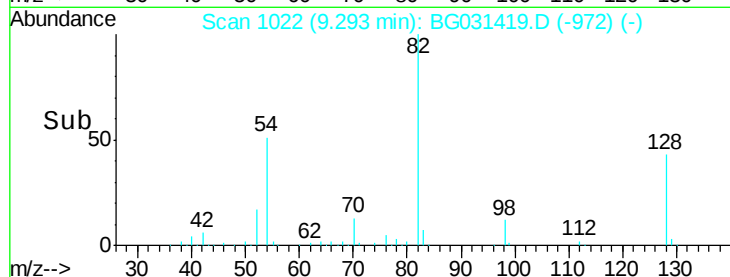
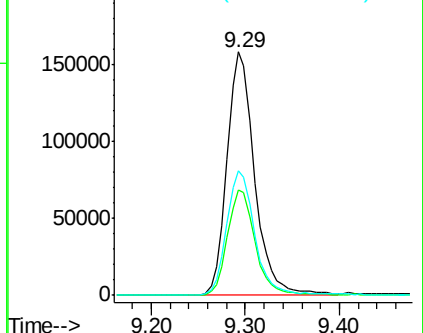
#23
Nitrobenzene-d5
Concen: 98.170 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031419.D
Acq: 8 Dec 2017 12:19

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

Tgt Ion: 82 Resp: 323838
Ion Ratio Lower Upper
82 100
128 43.4 29.7 44.5
54 51.3 43.1 64.7

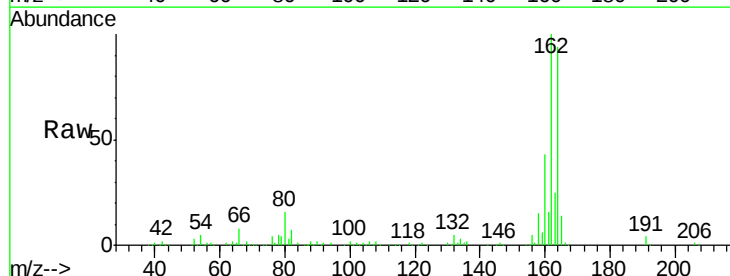


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

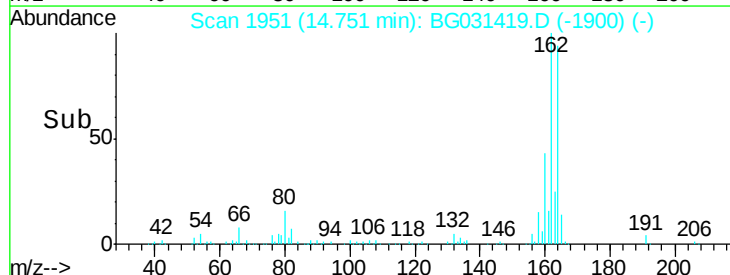
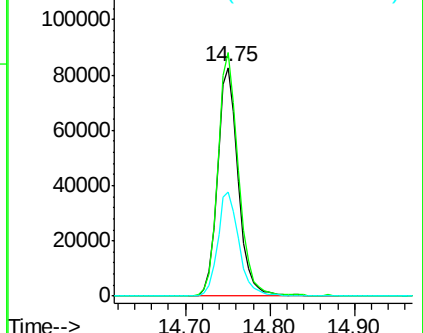


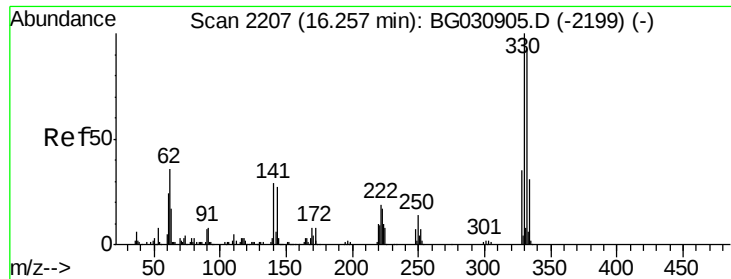
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031419.D
Acq: 8 Dec 2017 12:19

Tgt Ion: 164 Resp: 141351
Ion Ratio Lower Upper
164 100
162 106.5 78.8 118.2
160 45.3 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

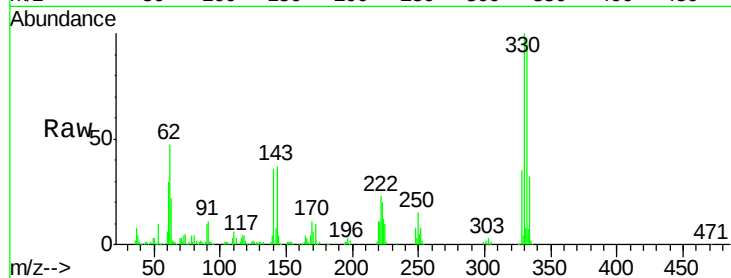




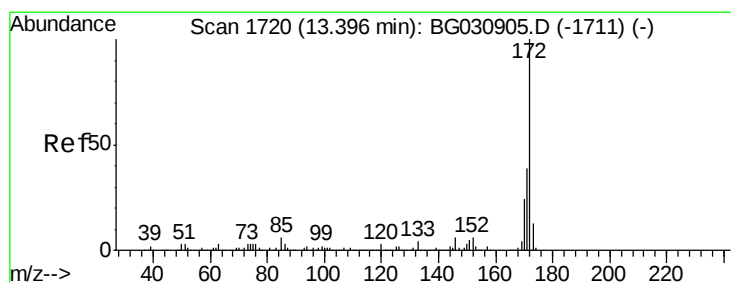
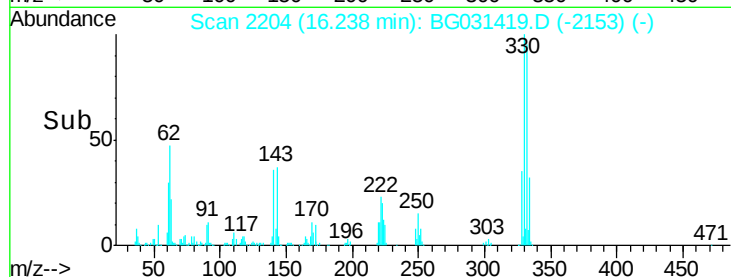
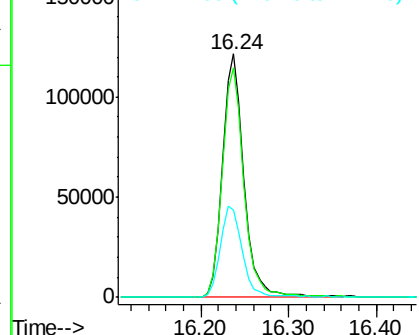
#41
 2,4,6-Tribromophenol
 Concen: 90.260 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031419.D
 Acq: 8 Dec 2017 12:19

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

Tgt Ion:330 Resp: 206388
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.7 25.2 37.8#

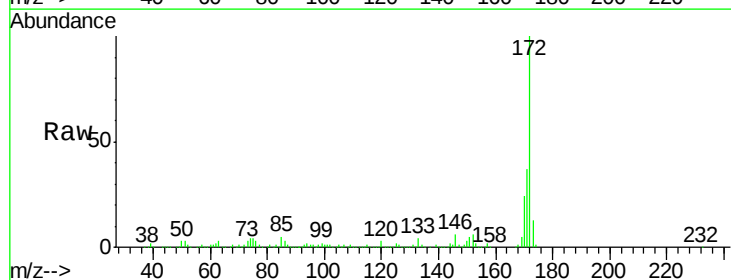


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

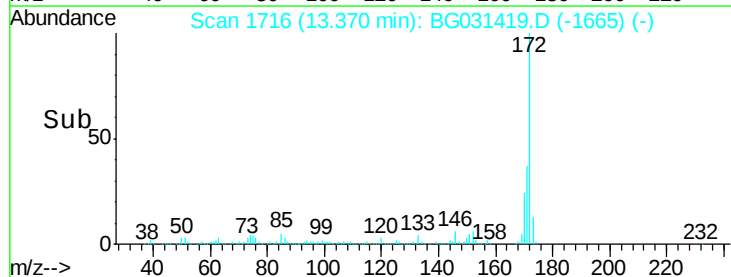
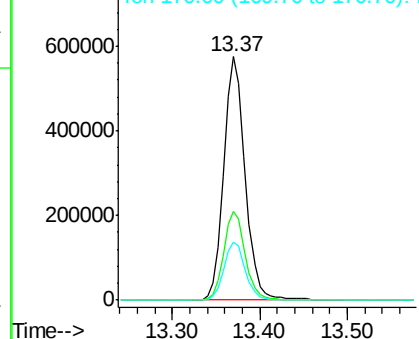


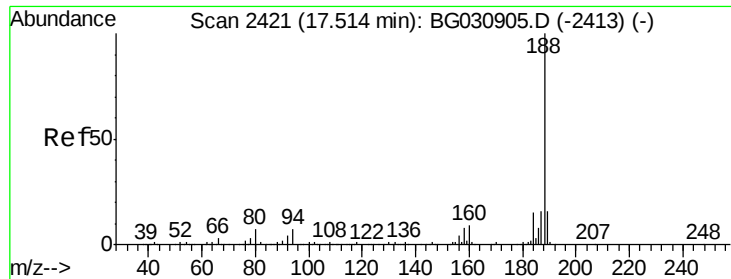
#44
 2-Fluorobiphenyl
 Concen: 97.930 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031419.D
 Acq: 8 Dec 2017 12:19

Tgt Ion:172 Resp: 963366
 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

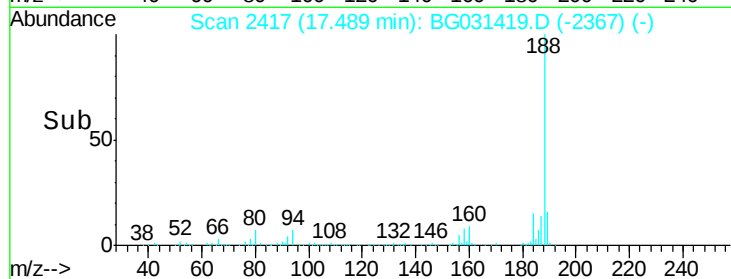
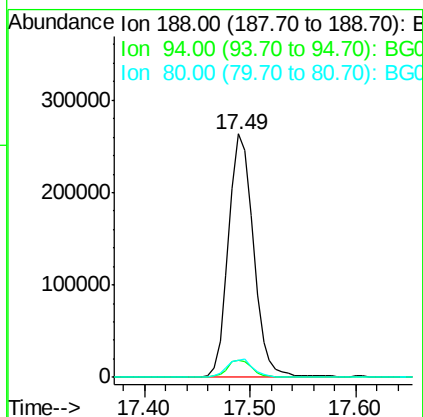
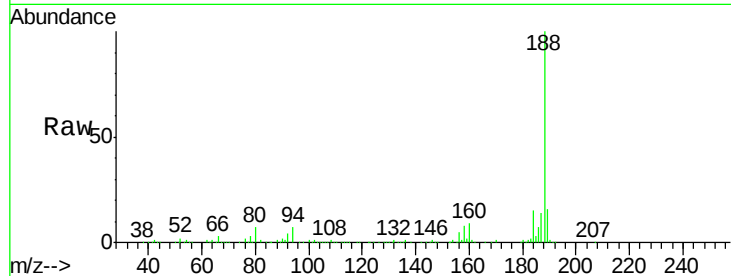




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031419.D
Acq: 8 Dec 2017 12:19

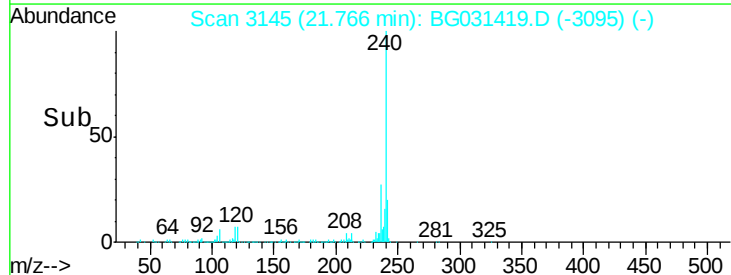
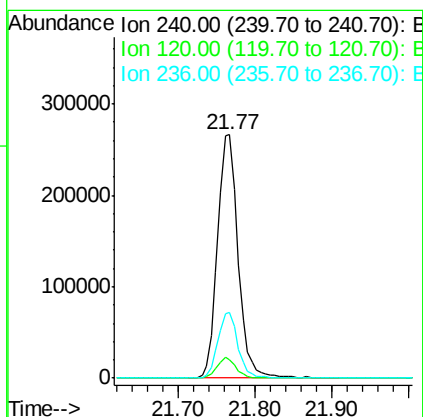
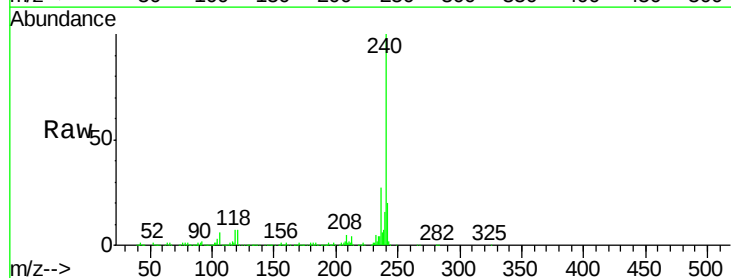
Instrument :
BNA_G
ClientSampleId :
113017-TIDO-E-D-B

Tgt Ion:188 Resp: 432794
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031419.D
Acq: 8 Dec 2017 12:19

Tgt Ion:240 Resp: 491240
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 86.365 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031419.D

Acq: 8 Dec 2017 12:19

Instrument :

BNA_G

ClientSampleId :

113017-TIDO-E-D-B

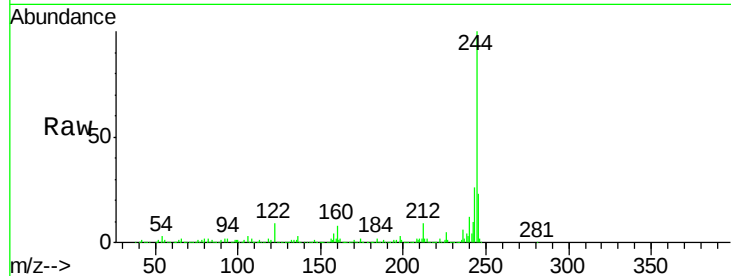
Tgt Ion:244 Resp: 1921397

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

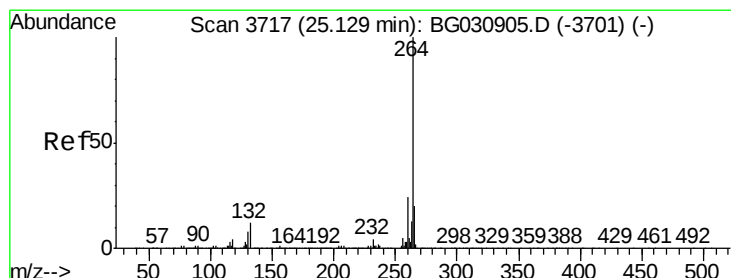
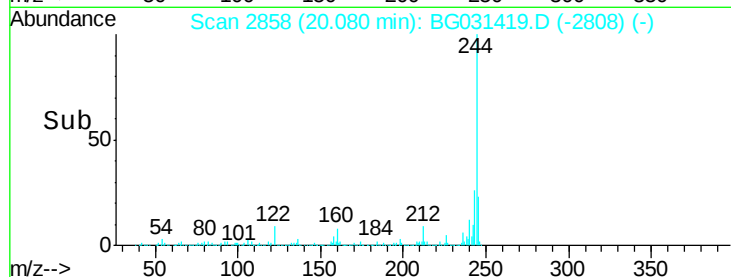
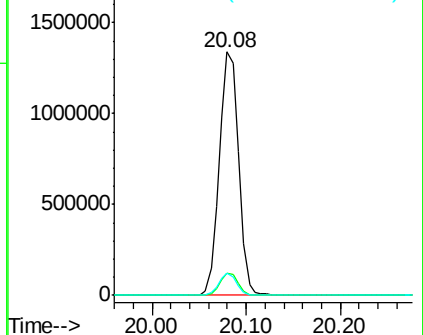
122 9.1 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031419.D

Acq: 8 Dec 2017 12:19

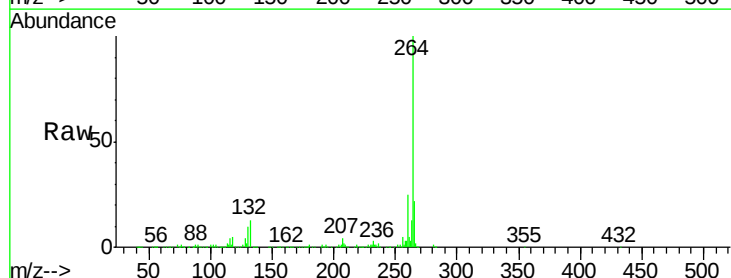
Tgt Ion:264 Resp: 468956

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 21.7 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

