

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031444.D
 Acq On : 9 Dec 2017 7:15
 Operator : SJ/JU
 Sample : I6684-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-120617

Quant Time: Dec 11 04:30:43 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

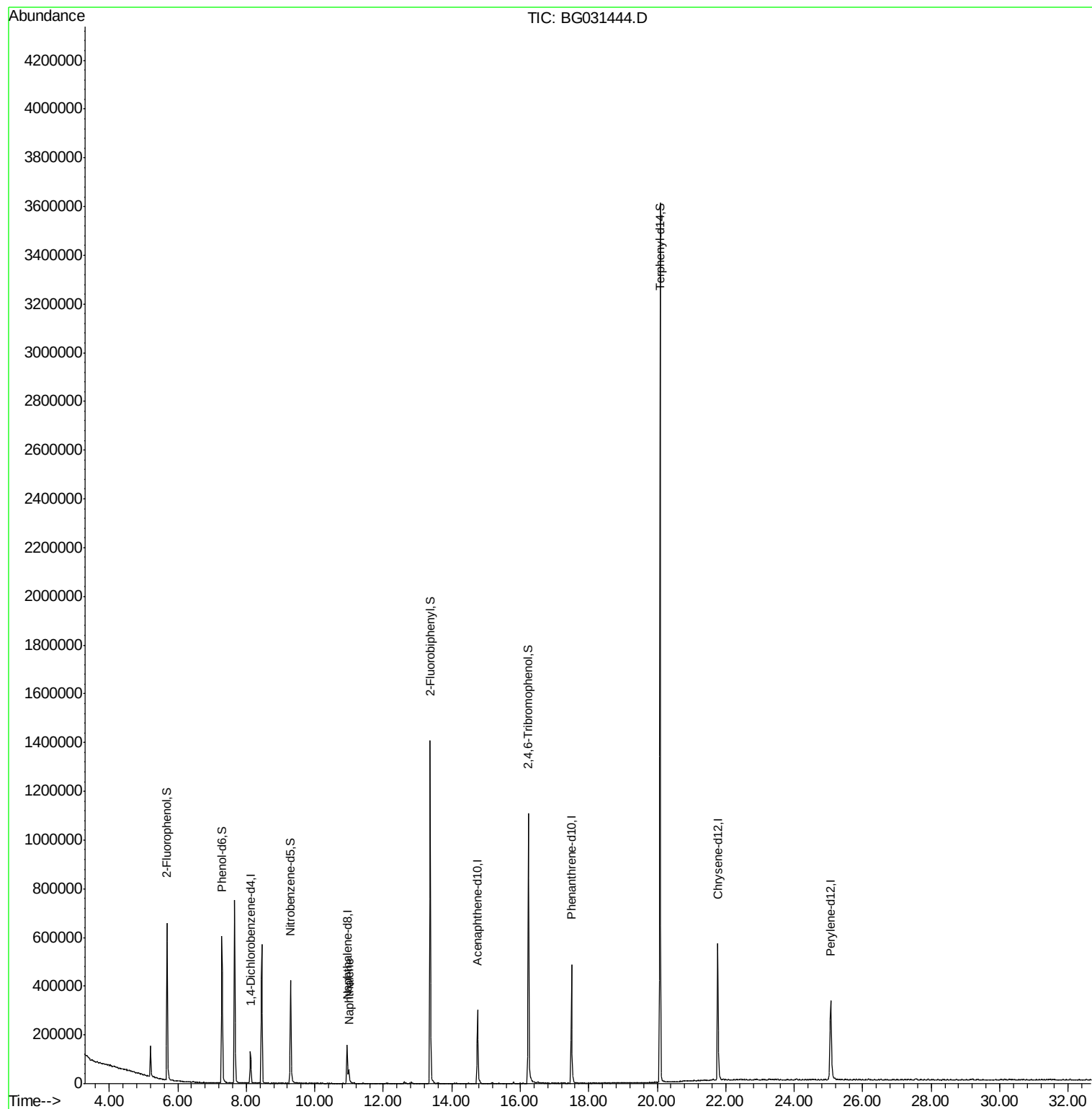
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	37575	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	170181	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	119985	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	361704	20.00	ng	0.00
75) Chrysene-d12	21.77	240	421274	20.00	ng	0.00
86) Perylene-d12	25.06	264	399159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	304854	139.12	ng	0.00
7) Phenol-d6	7.29	99	385530	130.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	286590	99.79	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	223558	115.18	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	826404	98.97	ng	0.00
78) Terphenyl-d14	20.08	244	1801462	94.42	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	53761	6.426	ng	Qvalue 96

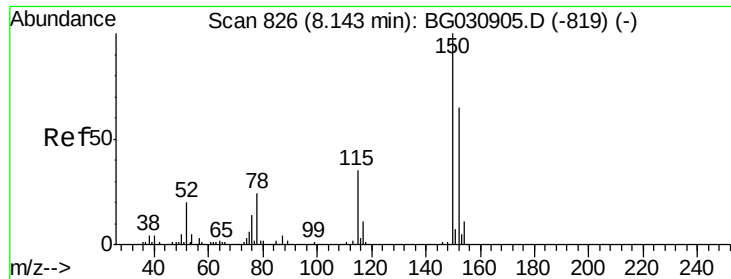
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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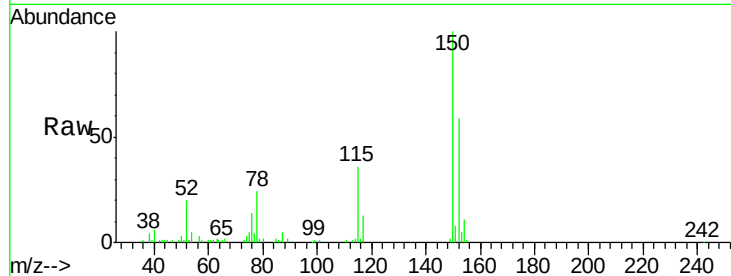


#1

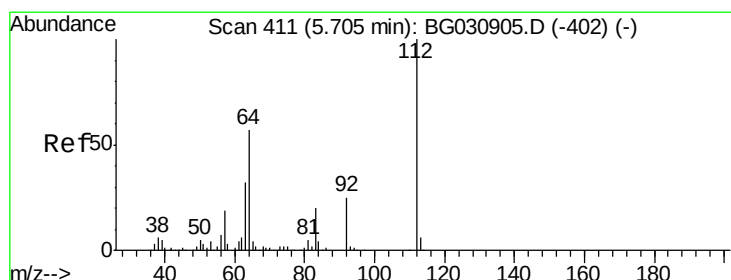
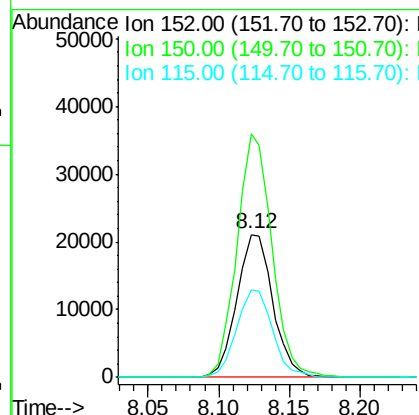
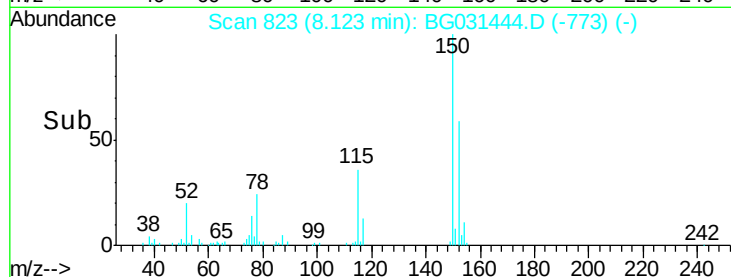
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031444.D
Acq: 9 Dec 2017 7:15

Instrument :
BNA_G
ClientSampleId :
BU-01-120617

Tgt Ion:152 Resp: 37575
Ion Ratio Lower Upper
152 100
150 170.4 126.6 189.8
115 60.8 53.0 79.4



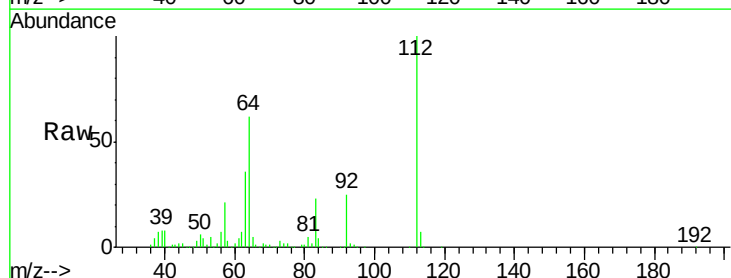
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



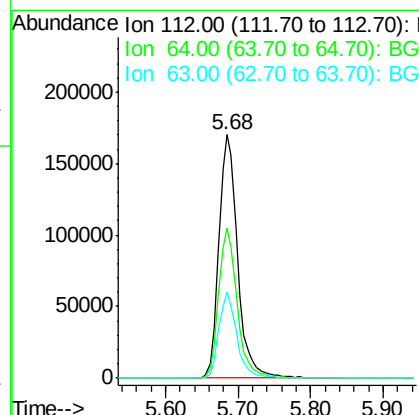
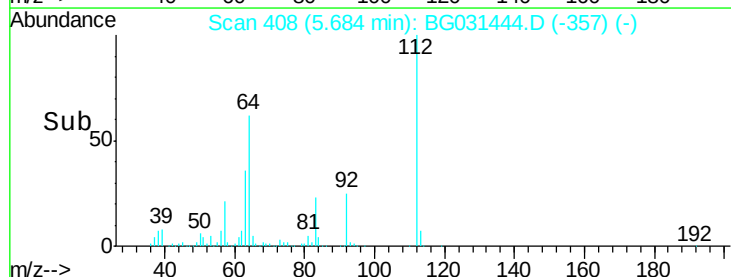
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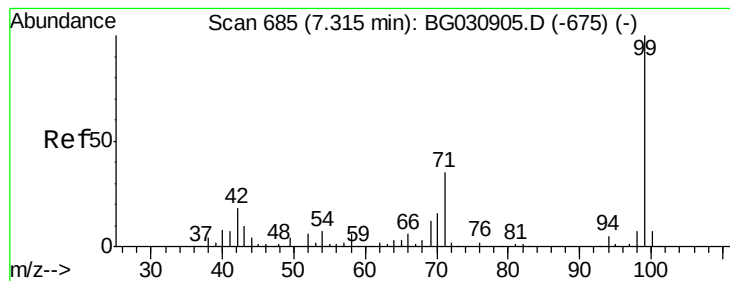
2-Fluorophenol
Concen: 139.122 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031444.D
Acq: 9 Dec 2017 7:15

Tgt Ion:112 Resp: 304854
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 35.7 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: 130.594 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031444.D

Acq: 9 Dec 2017 7:15

Instrument :

BNA_G

ClientSampleId :

BU-01-120617

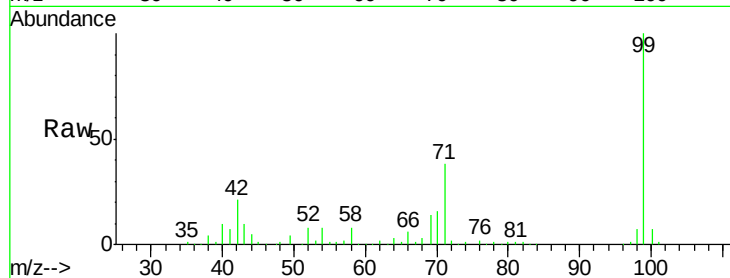
Tgt Ion: 99 Resp: 385530

Ion Ratio Lower Upper

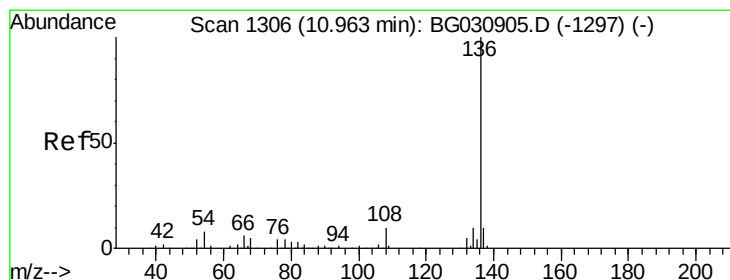
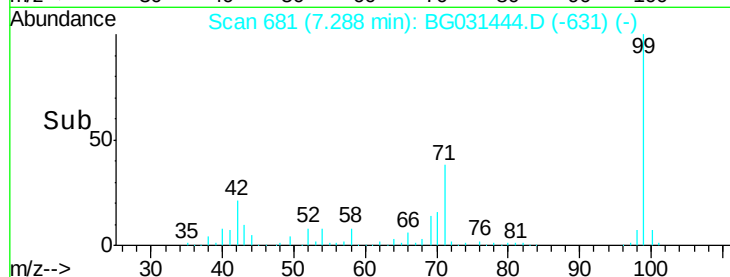
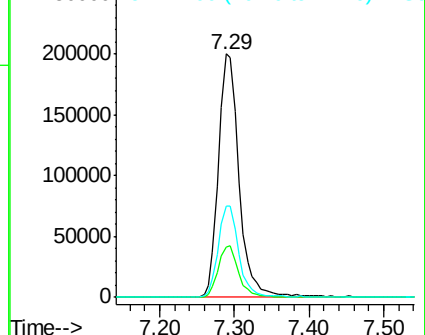
99 100

42 20.8 14.1 21.1

71 37.6 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: BG031444.D

Acq: 9 Dec 2017 7:15

Tgt Ion: 136 Resp: 170181

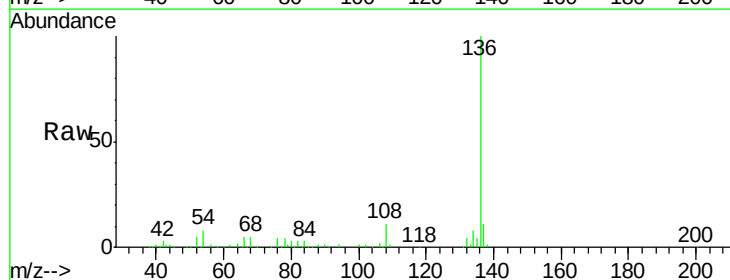
Ion Ratio Lower Upper

136 100

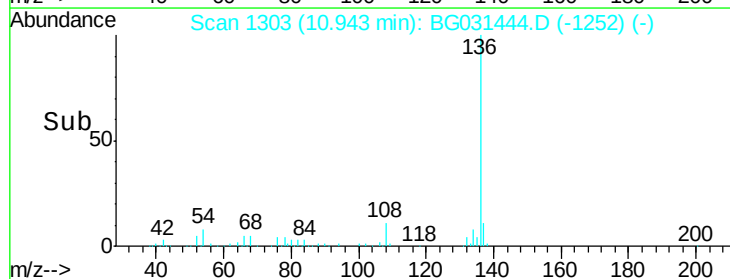
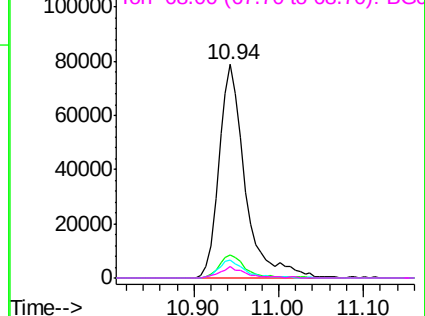
137 10.7 9.2 13.8

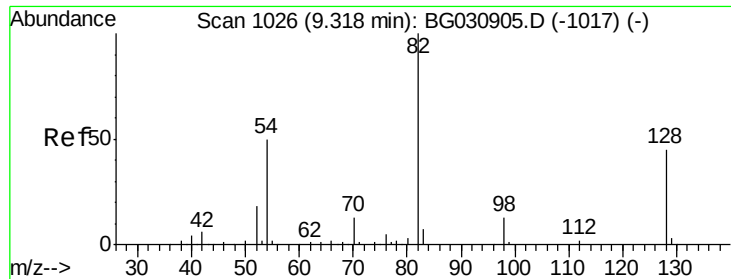
54 8.3 10.3 15.5#

68 5.4 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

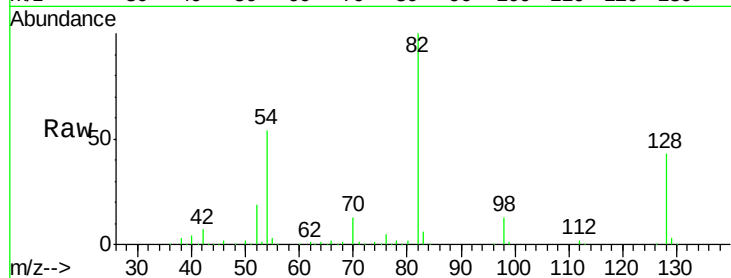




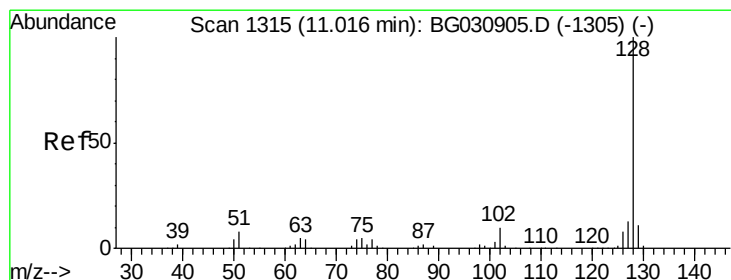
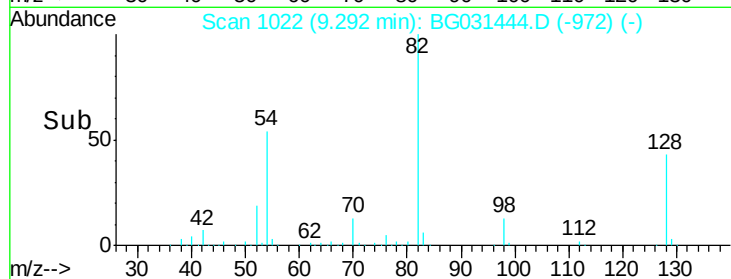
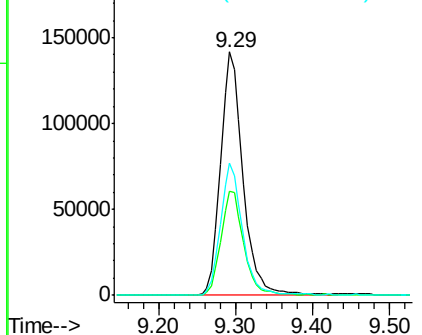
#23
 Nitrobenzene-d5
 Concen: 99.789 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG031444.D
 Acq: 9 Dec 2017 7:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-120617

Tgt Ion: 82 Resp: 286590
 Ion Ratio Lower Upper
 82 100
 128 42.8 29.7 44.5
 54 54.3 43.1 64.7

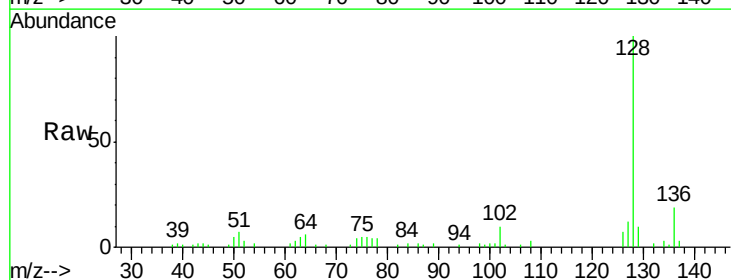


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

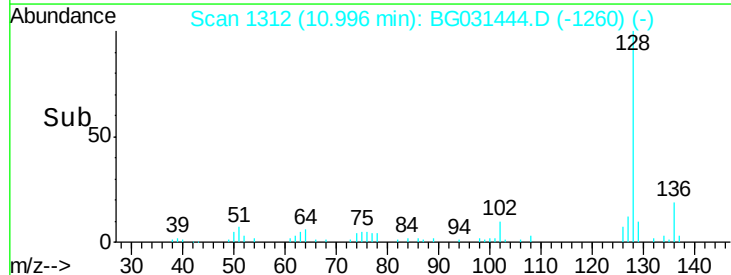
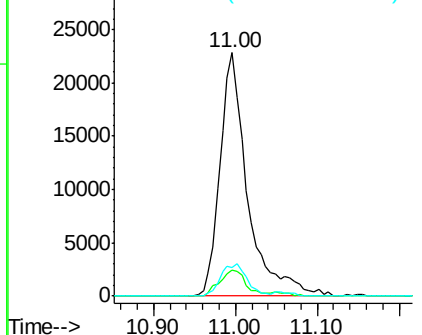


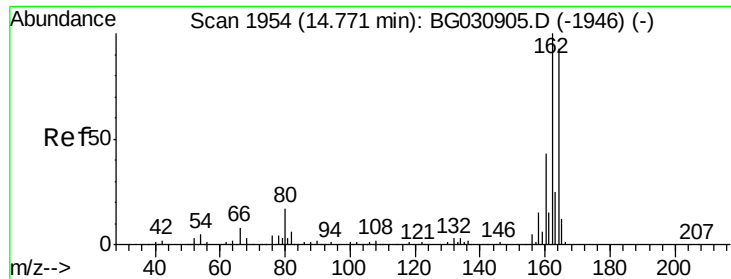
#31
 Naphthalene
 Concen: 6.426 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BG031444.D
 Acq: 9 Dec 2017 7:15

Tgt Ion: 128 Resp: 53761
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 12.8
 127 11.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

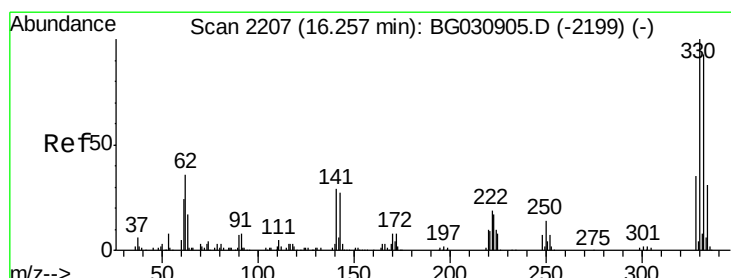
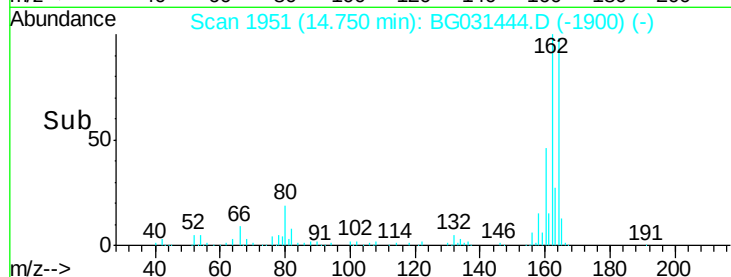
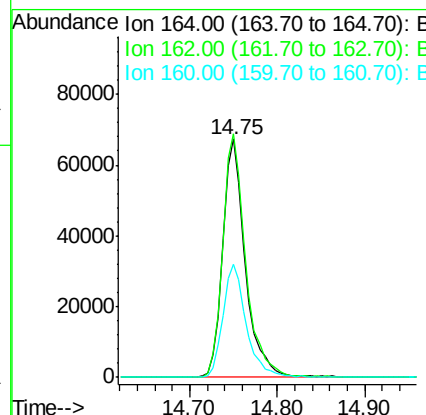
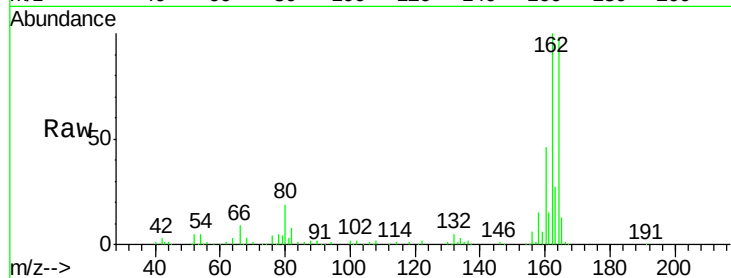




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031444.D
Acq: 9 Dec 2017 7:15

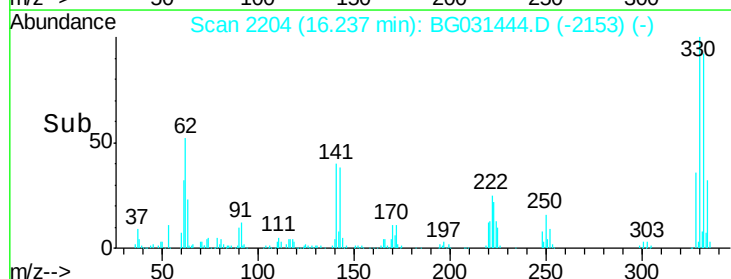
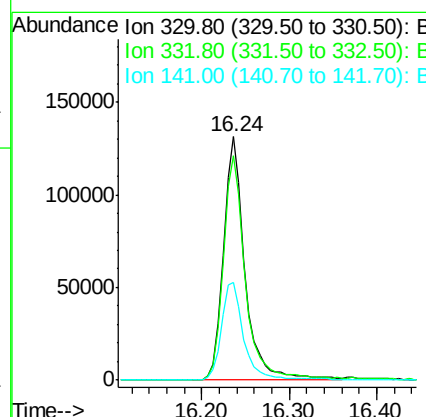
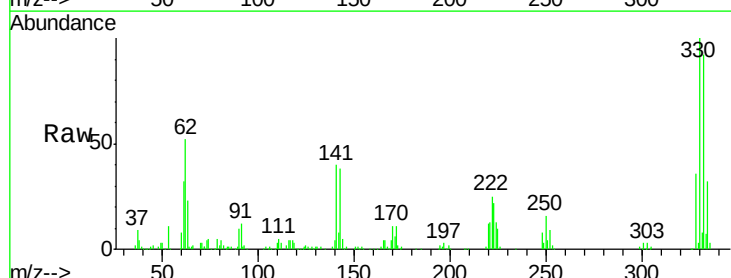
Instrument :
BNA_G
ClientSampleId :
BU-01-120617

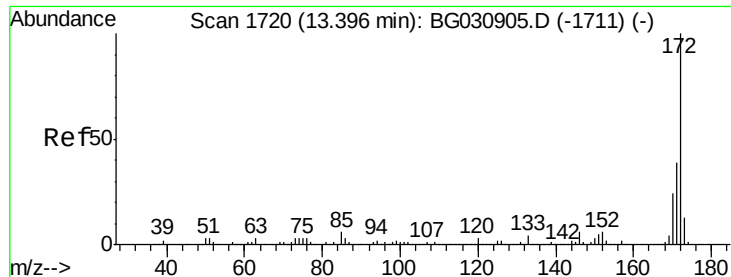
Tgt Ion:164 Resp: 119985
Ion Ratio Lower Upper
164 100
162 102.4 78.8 118.2
160 47.5 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 115.179 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031444.D
Acq: 9 Dec 2017 7:15

Tgt Ion:330 Resp: 223558
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 42.7 25.2 37.8#

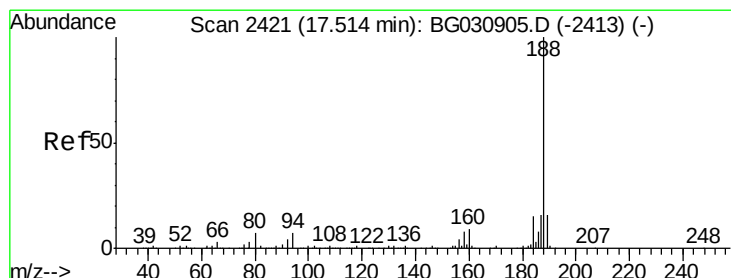
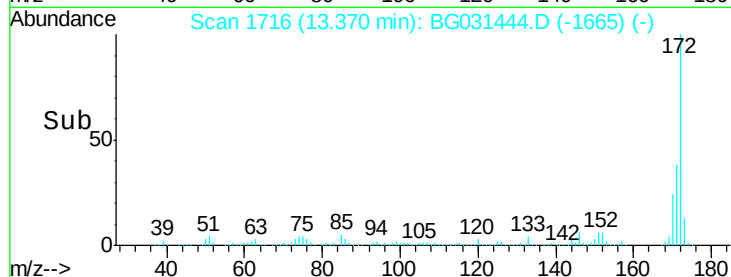
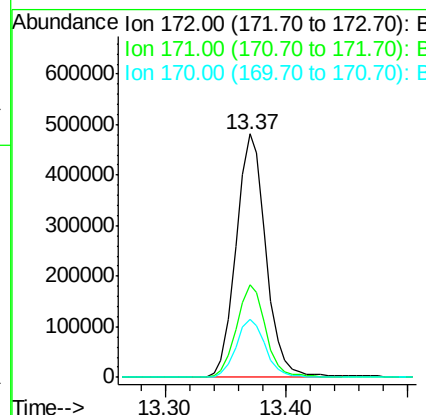
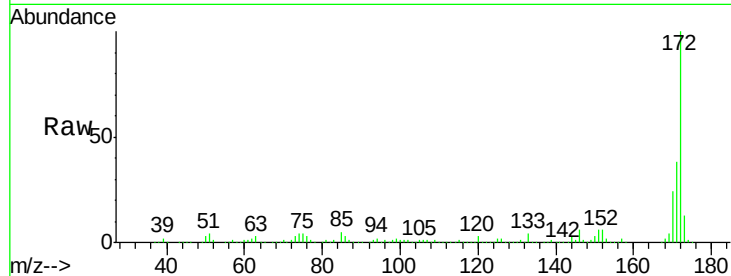




#44
 2-Fluorobiphenyl
 Concen: 98.967 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031444.D
 Acq: 9 Dec 2017 7:15

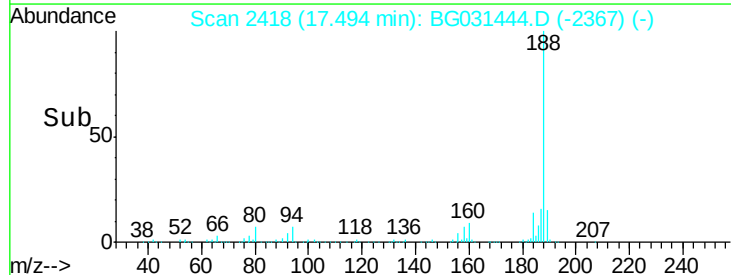
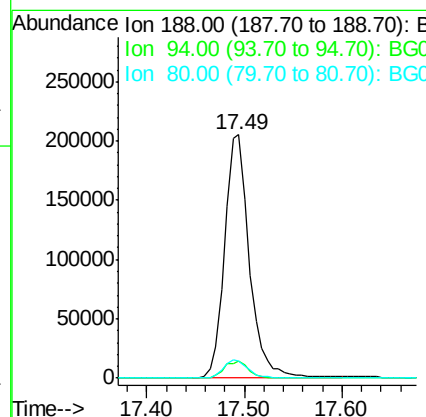
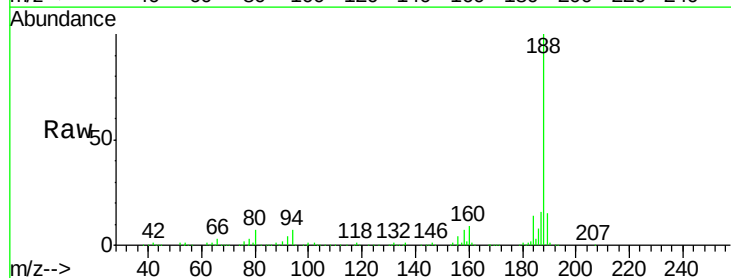
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 BU-01-120617

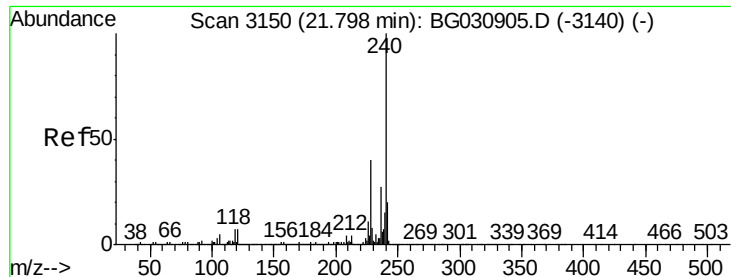
Tgt Ion:172 Resp: 826404
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG031444.D
 Acq: 9 Dec 2017 7:15

Tgt Ion:188 Resp: 361704
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 7.2 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: BG031444.D

Acq: 9 Dec 2017 7:15

Instrument :

BNA_G

ClientSampleId :

BU-01-120617

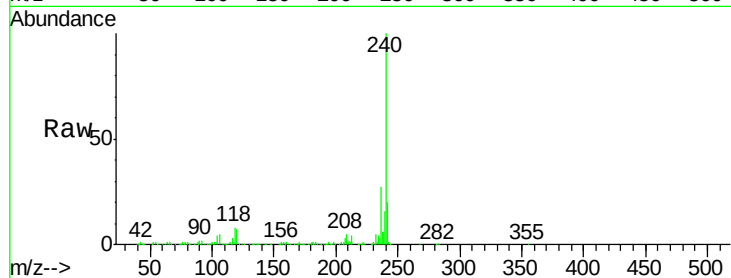
Tgt Ion:240 Resp: 421274

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

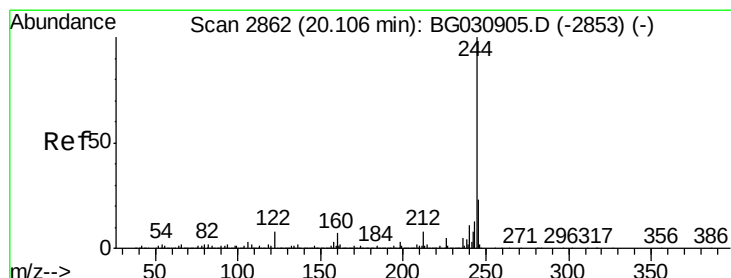
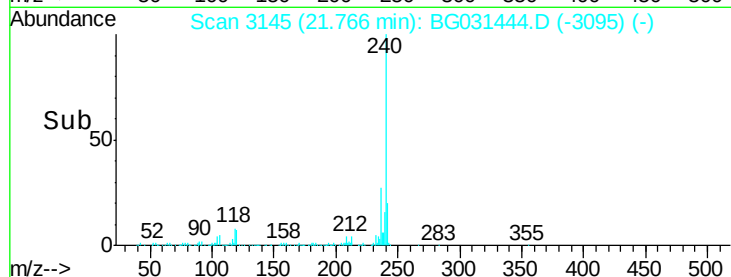
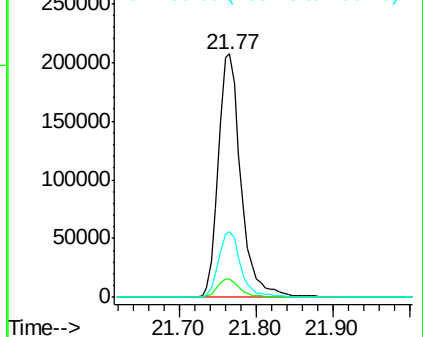
236 27.2 20.9 31.3



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: 94.423 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031444.D

Acq: 9 Dec 2017 7:15

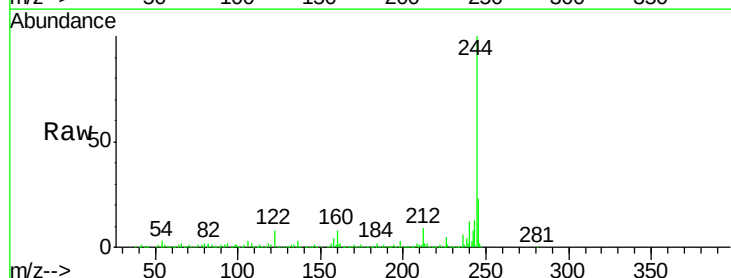
Tgt Ion:244 Resp: 1801462

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

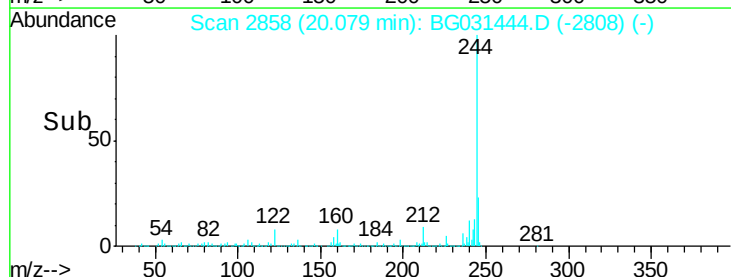
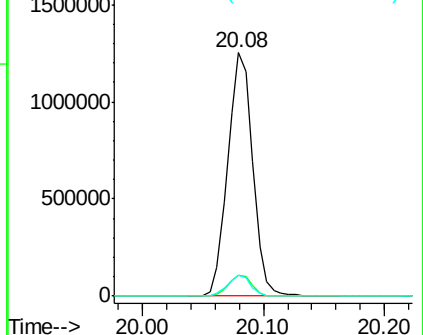
122 8.4 7.0 10.4

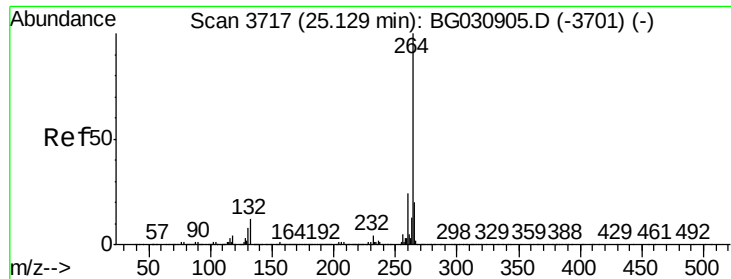


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG031444.D
Acq: 9 Dec 2017 7:15

Instrument :
BNA_G
ClientSampleId :
BU-01-120617

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.1	17.7	26.5

