

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031304.D
 Acq On : 1 Dec 2017 1:23
 Operator : SJ/JU
 Sample : I6635-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112817-JETT-E-U-S

Quant Time: Dec 01 03:20:07 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	73217	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	307382	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	200039	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	526905	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	582753	20.00	ng	-0.02
86) Perylene-d12	25.06	264	557807	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	167412	39.21	ng	-0.02
7) Phenol-d6	7.30	99	131272	22.82	ng	-0.01
23) Nitrobenzene-d5	9.30	82	430611	83.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	241954	74.77	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1273366	91.47	ng	-0.02
78) Terphenyl-d14	20.09	244	2035615	77.13	ng	-0.01

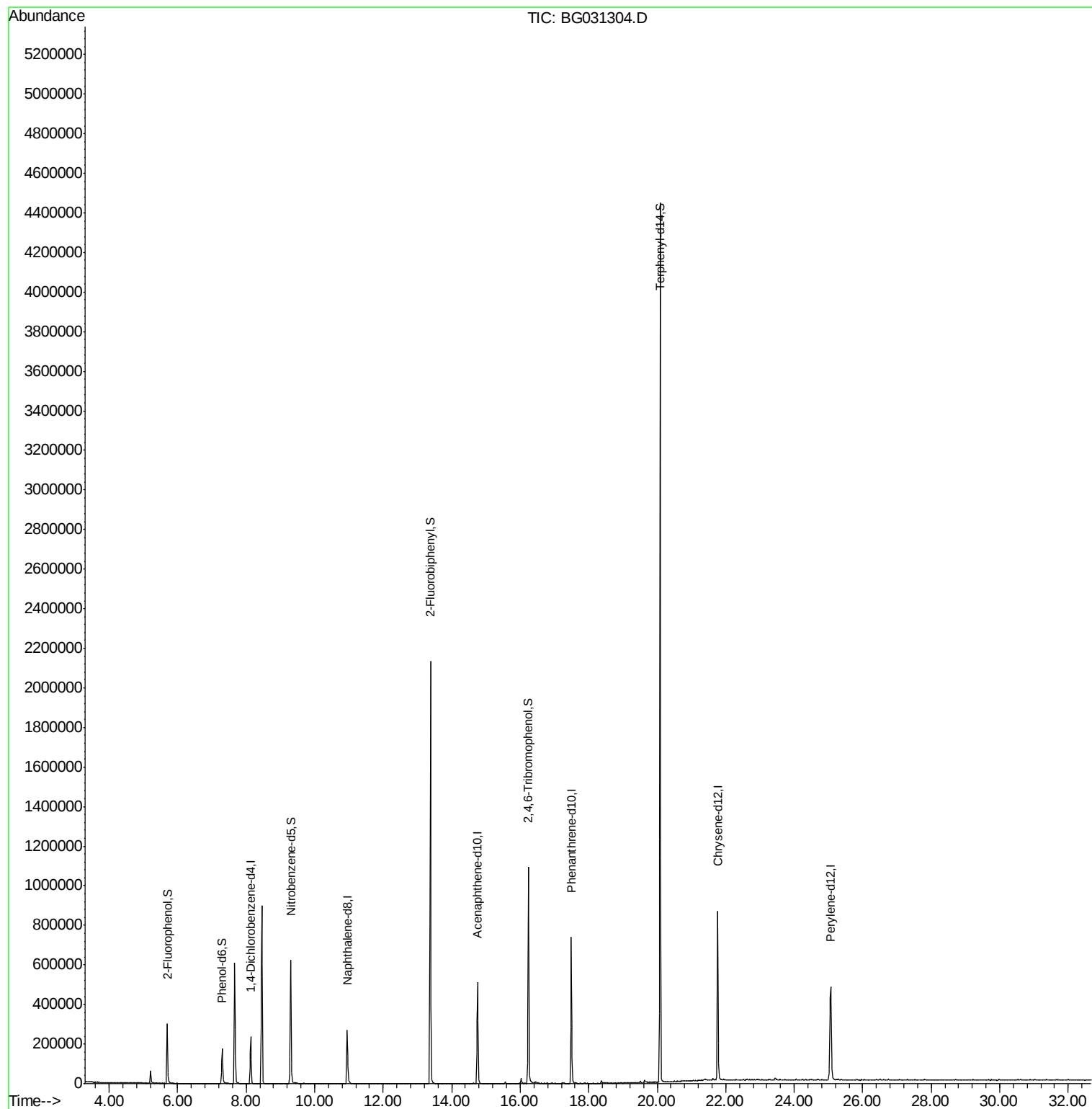
Target Compounds Qvalue

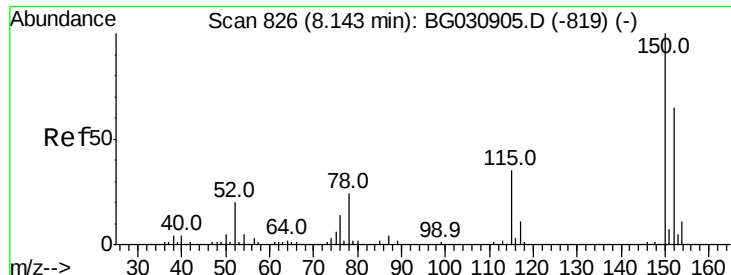
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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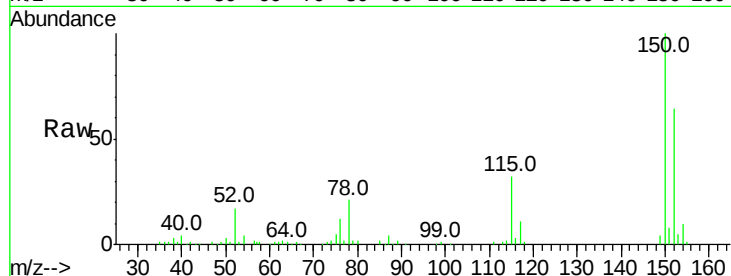


#1

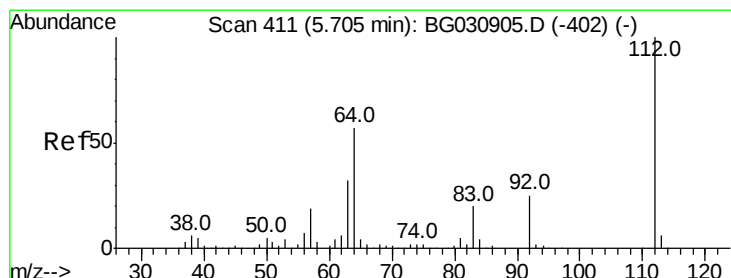
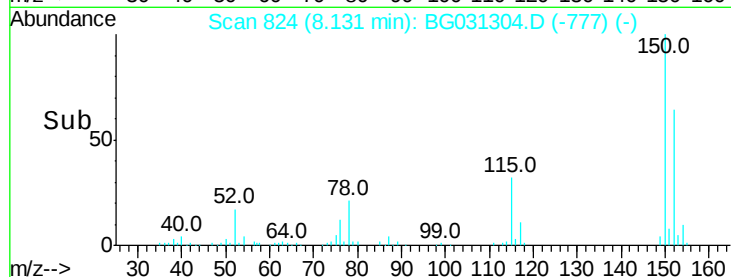
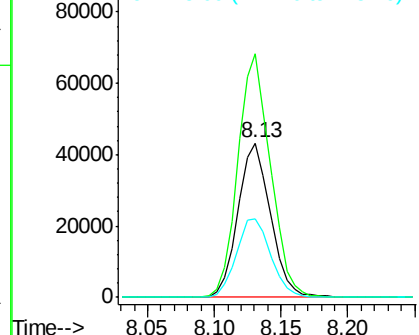
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Instrument :
BNA_G
ClientSampleId :
112817-JETT-E-U-S

Tot Ion:152 Resp: 73217
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 50.5 53.0 79.4#



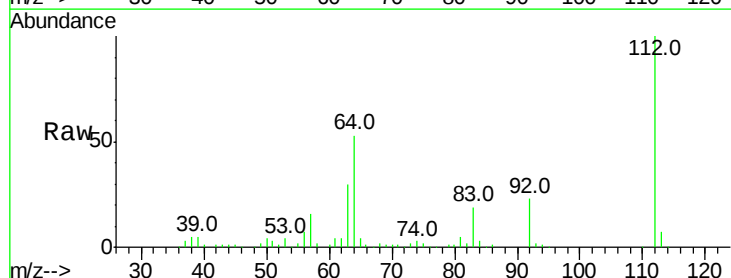
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



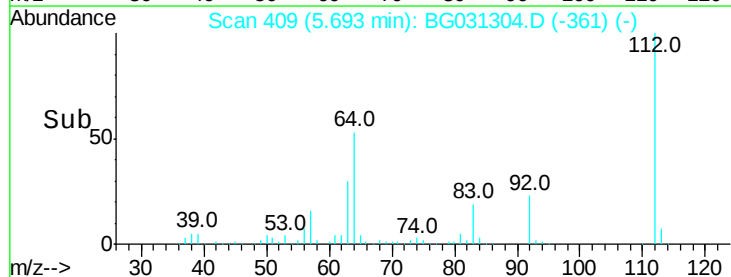
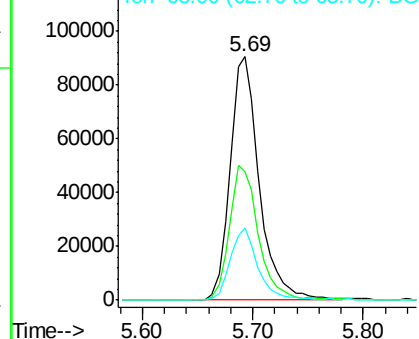
#5

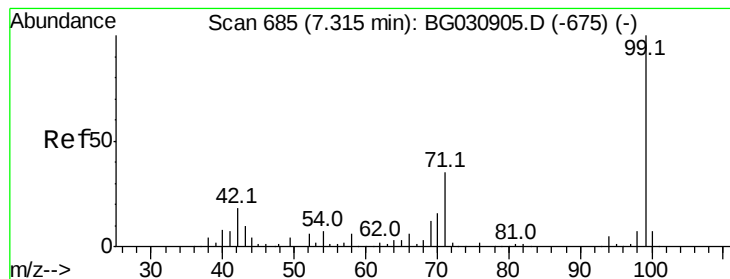
2-Fluorophenol
Concen: 39.208 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Tgt Ion:112 Resp: 167412
Ion Ratio Lower Upper
112 100
64 52.6 56.3 84.5#
63 29.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 22.821 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Instrument :

BNA_G

ClientSampleId :

112817-JETT-E-U-S

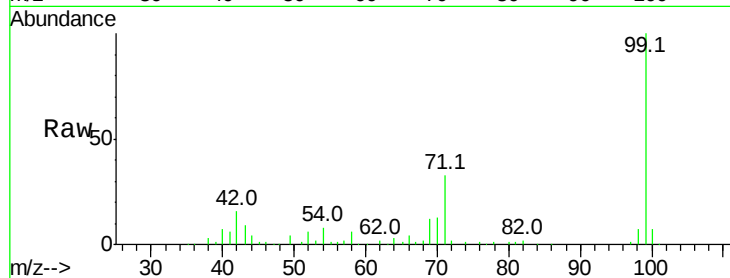
Tot Ion: 99 Resp: 131272

Ion Ratio Lower Upper

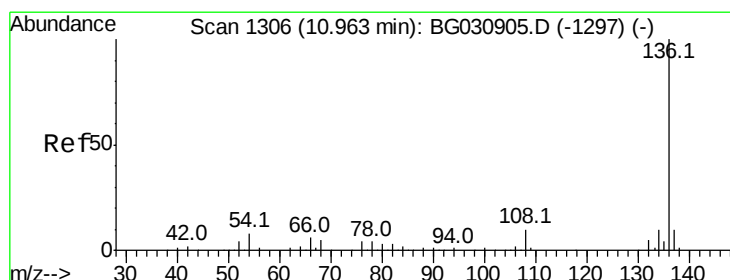
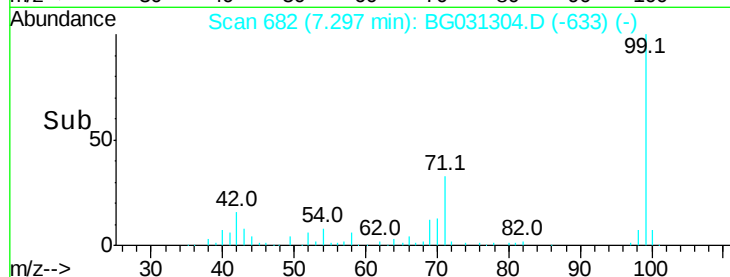
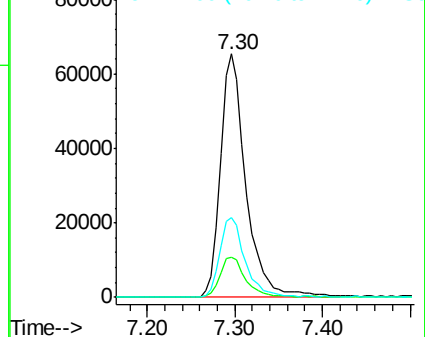
99 100

42 16.3 14.1 21.1

71 32.7 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: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Tgt Ion: 136 Resp: 307382

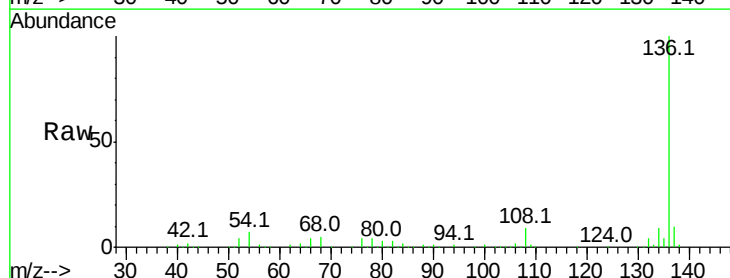
Ion Ratio Lower Upper

136 100

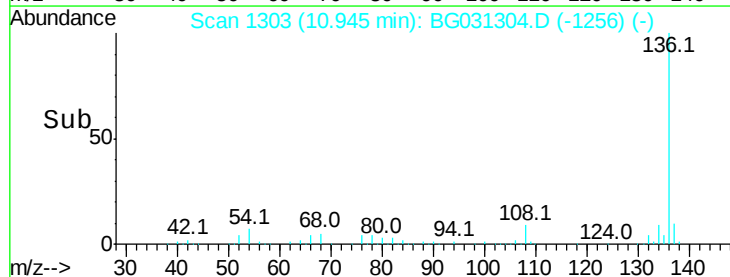
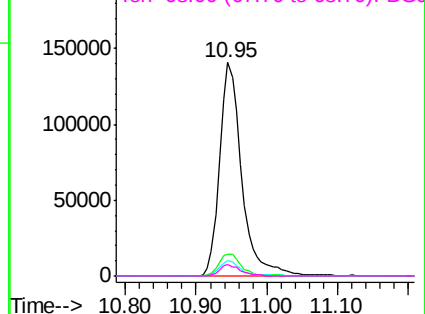
137 10.3 9.2 13.8

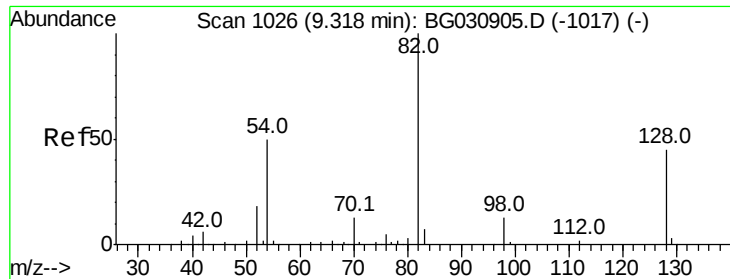
54 7.2 10.3 15.5#

68 5.5 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

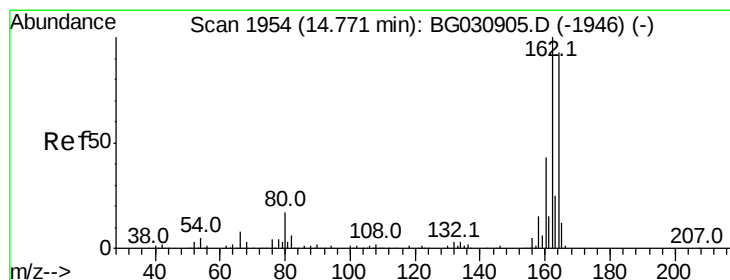
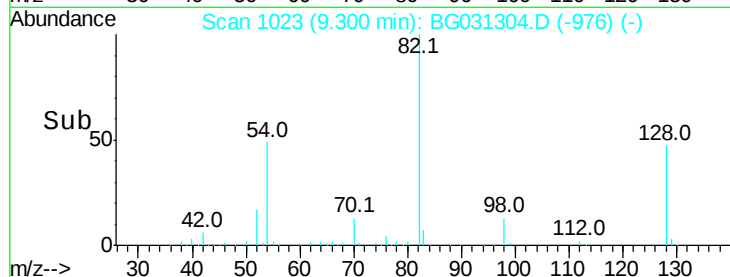
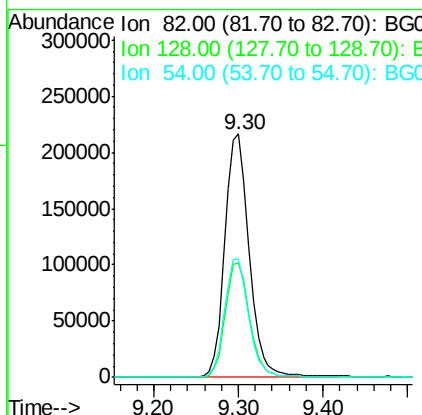
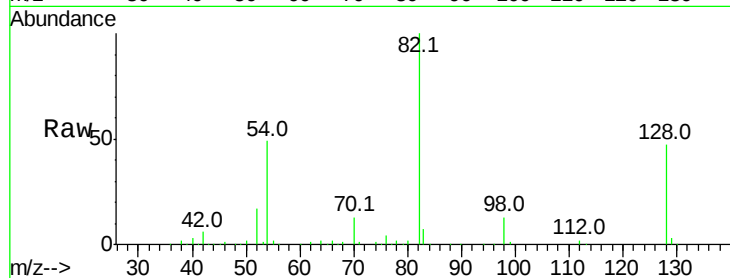




#23
Nitrobenzene-d5
Concen: 83.012 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

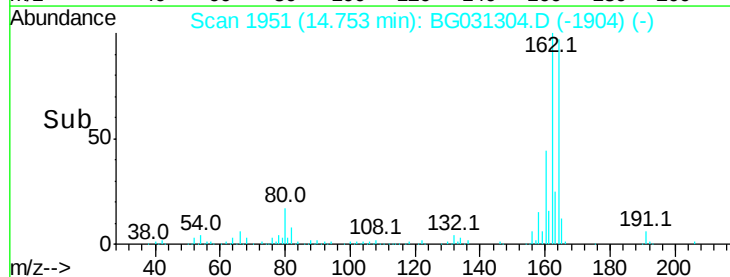
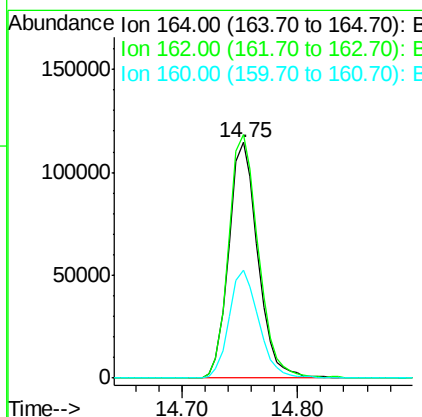
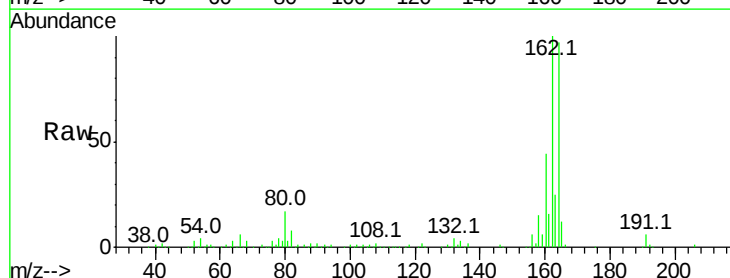
Instrument :
BNA_G
ClientSampleId :
112817-JETT-E-U-S

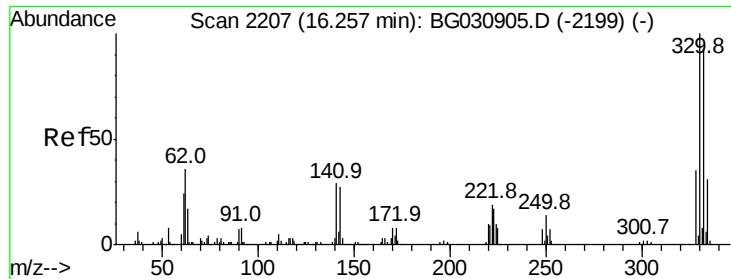
Tot Ion: 82 Resp: 430611
Ion Ratio Lower Upper
82 100
128 46.8 29.7 44.5#
54 48.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031304.D
Acq: 1 Dec 2017 1:23

Tgt Ion:164 Resp: 200039
Ion Ratio Lower Upper
164 100
162 103.3 78.8 118.2
160 46.0 35.4 53.0

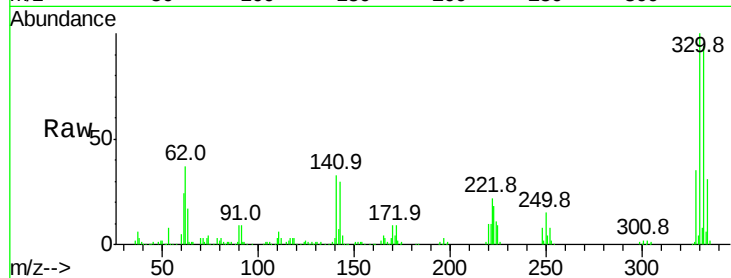




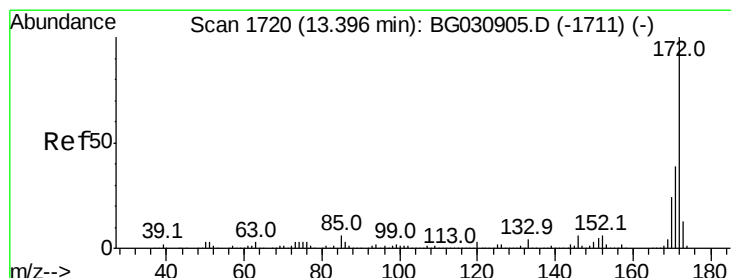
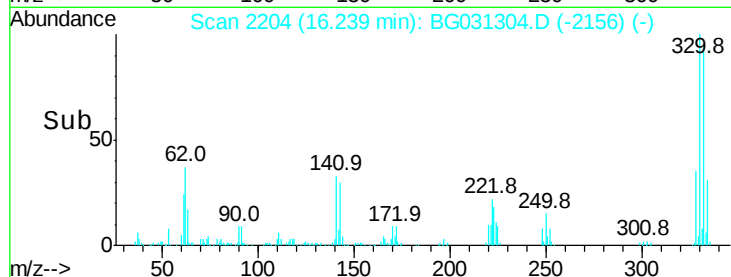
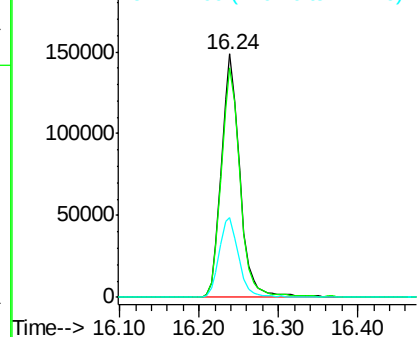
#41
 2,4,6-Tribromophenol
 Concen: 74.770 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031304.D
 Acq: 1 Dec 2017 1:23

Instrument :
 BNA_G
 ClientSampleId :
 112817-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	34.4	25.2	37.8

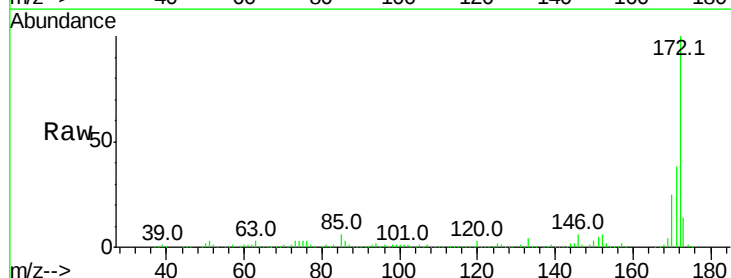


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

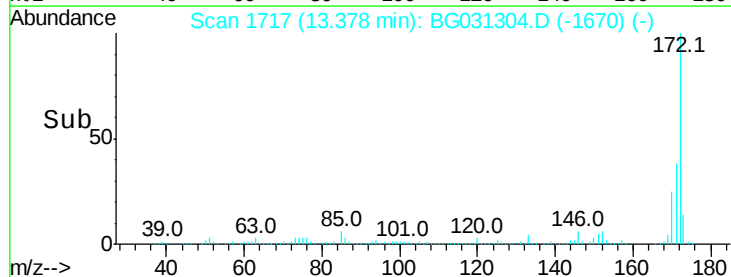
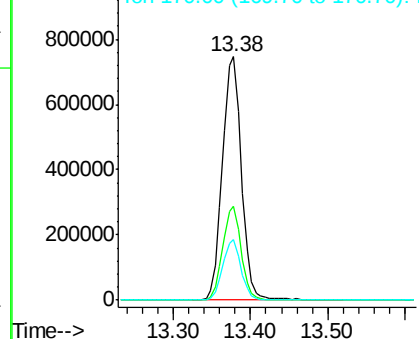


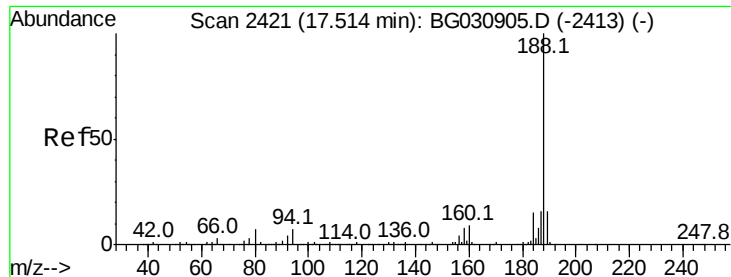
#44
 2-Fluorobiphenyl
 Concen: 91.467 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031304.D
 Acq: 1 Dec 2017 1:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.9	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. -0.02 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Instrument :

BNA_G

ClientSampleId :

112817-JETT-E-U-S

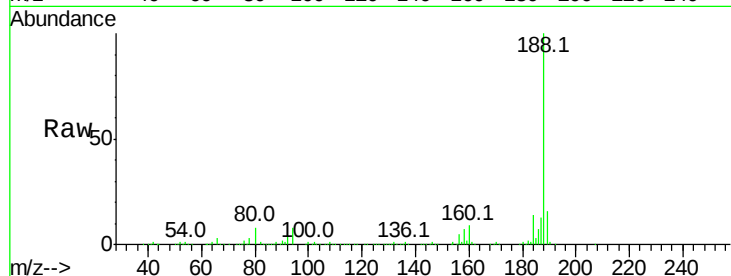
Tot Ion:188 Resp: 526905

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

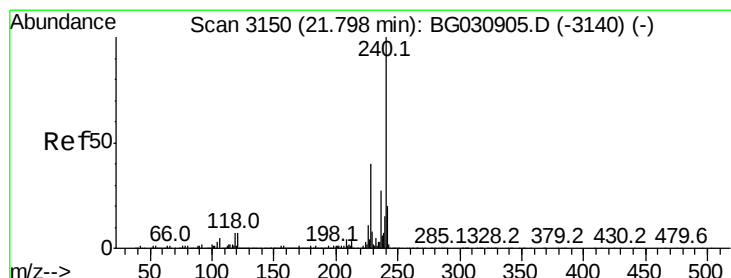
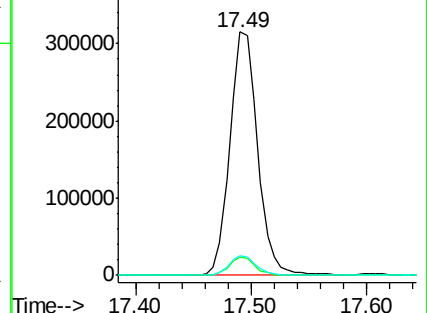
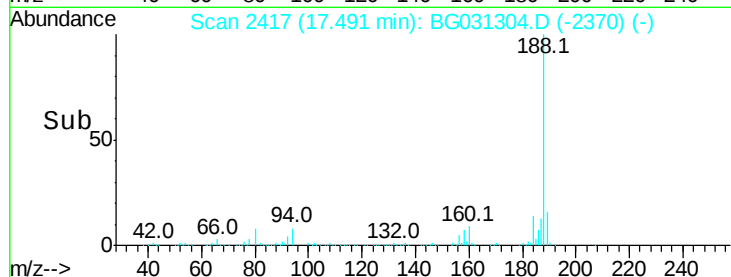
80 7.9 7.7 11.5



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: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

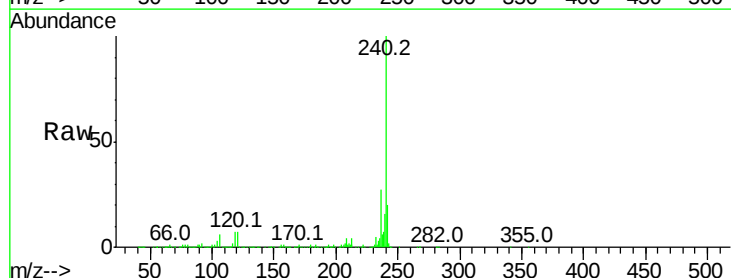
Tgt Ion:240 Resp: 582753

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

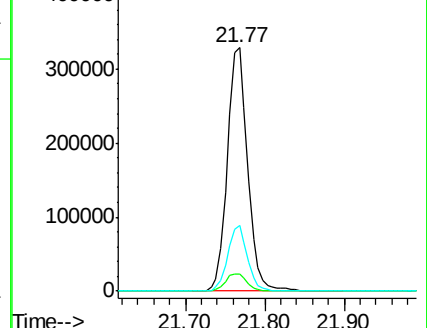
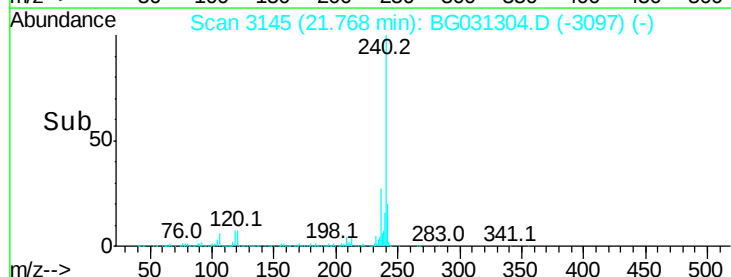
236 26.9 20.9 31.3

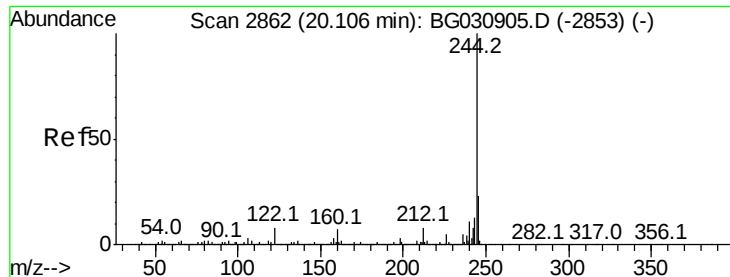


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.131 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

Instrument :

BNA_G

ClientSampleId :

112817-JETT-E-U-S

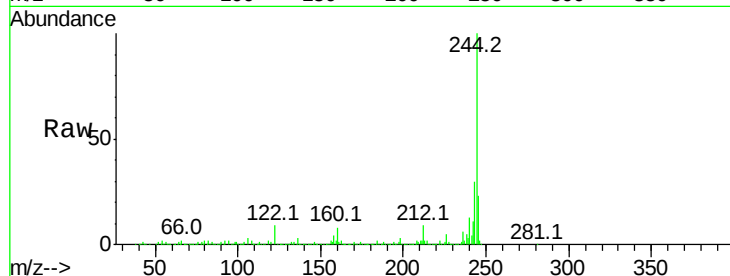
Tot Ion:244 Resp: 2035615

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

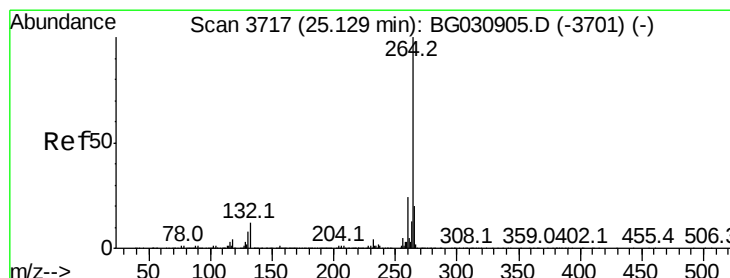
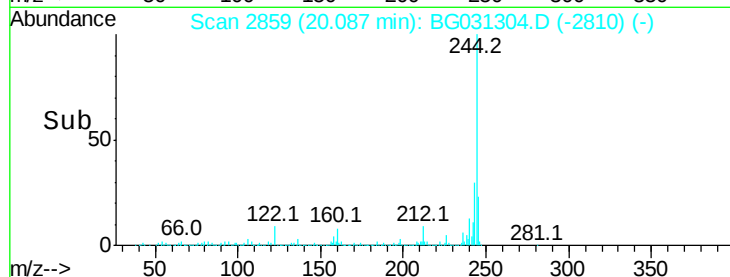
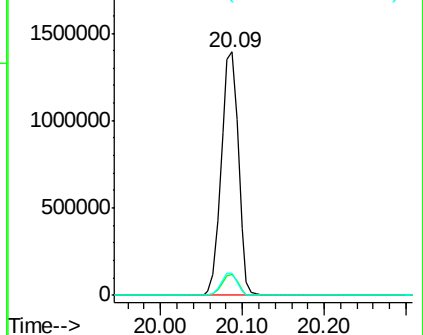
122 8.9 7.0 10.4



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. -0.03 min

Lab File: BG031304.D

Acq: 1 Dec 2017 1:23

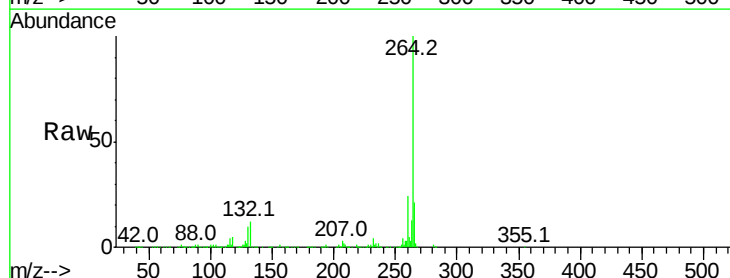
Tgt Ion:264 Resp: 557807

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.2 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

