

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034983.D
 Acq On : 8 Jun 2018 13:36
 Operator : SJ/JU
 Sample : J3323-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 060418-JETT-E-U-M

Quant Time: Jun 08 15:35:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41804	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	157563	20.00	ng	-0.02
38) Acenaphthene-d10	14.70	164	115535	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	299383	20.00	ng	0.00
75) Chrysene-d12	21.71	240	332750	20.00	ng	-0.02
86) Perylene-d12	24.95	264	322210	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	105804	42.71	ng	0.00
7) Phenol-d6	7.22	99	103081	28.19	ng	-0.02
23) Nitrobenzene-d5	9.23	82	365057	110.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	153177	103.57	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	853377	96.02	ng	0.00
78) Terphenyl-d14	20.05	244	1252612	78.85	ng	-0.02

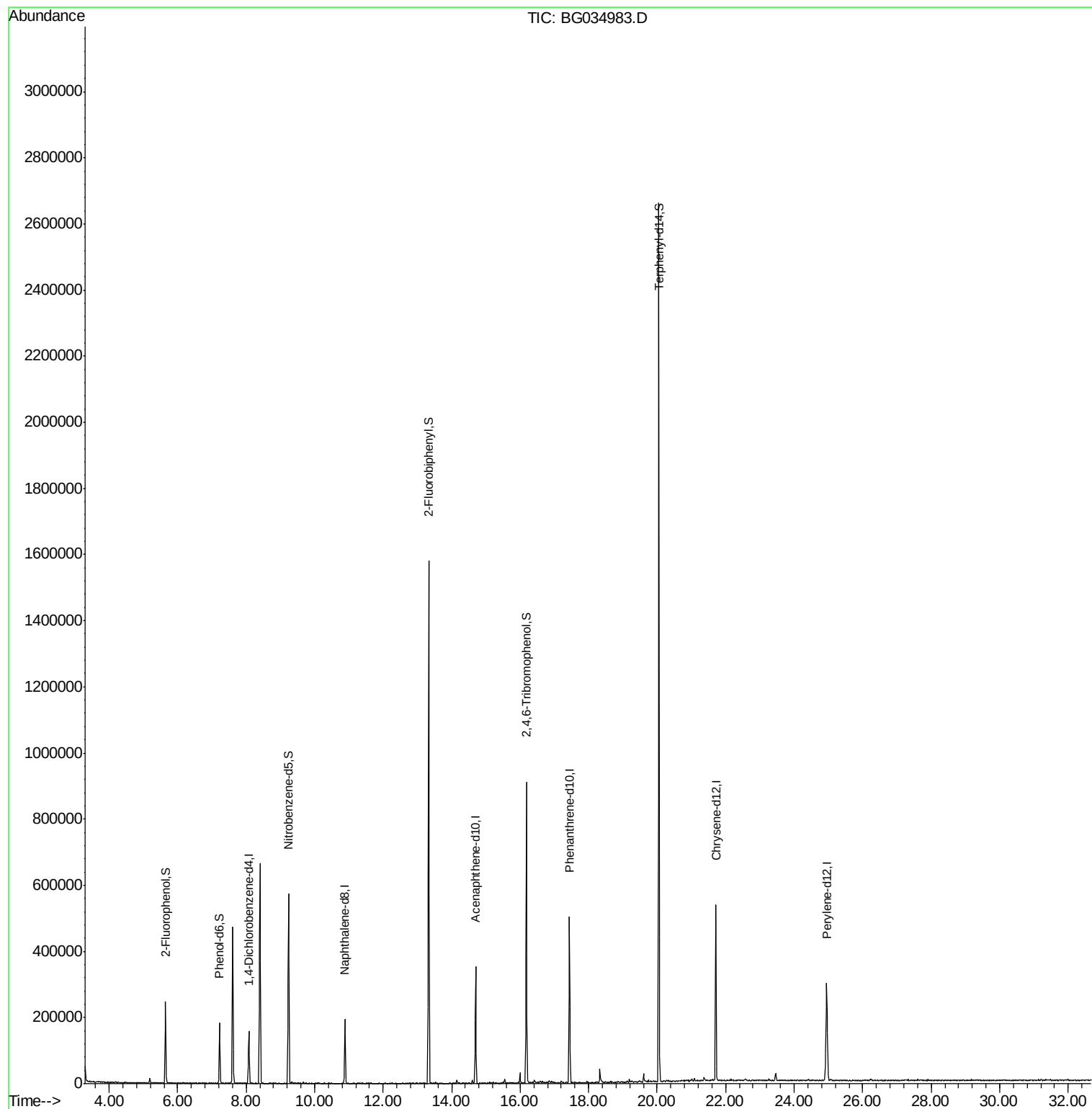
Target Compounds Qvalue

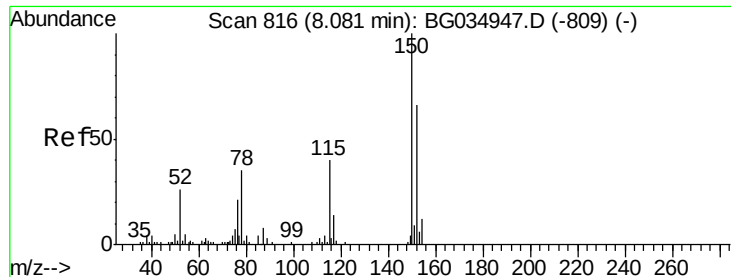
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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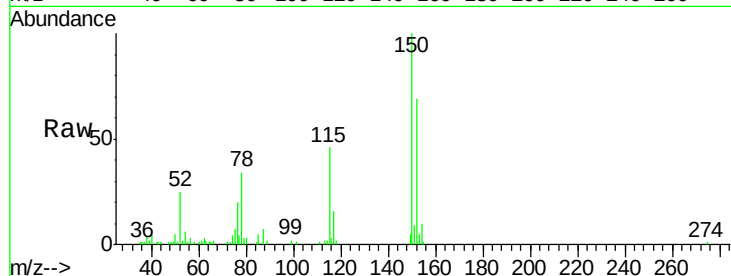


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Instrument :
BNA_G
ClientSampleId :
060418-JETT-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	126.6	189.8
115	66.6	53.0	79.4

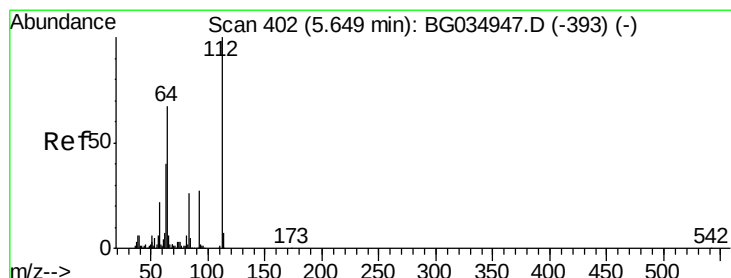
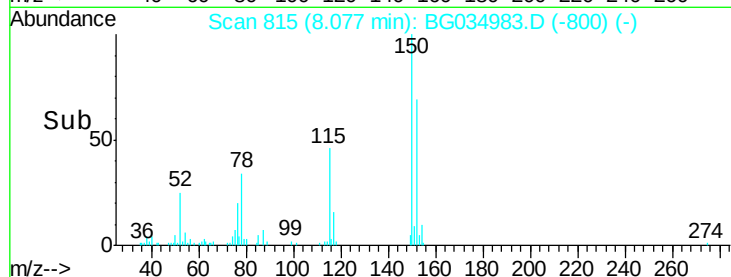
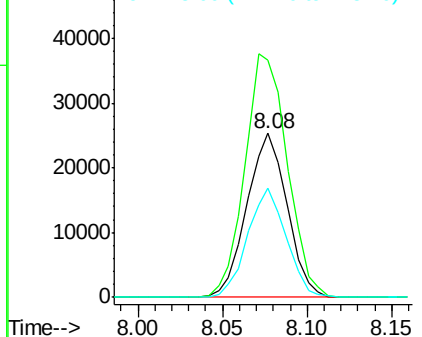


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

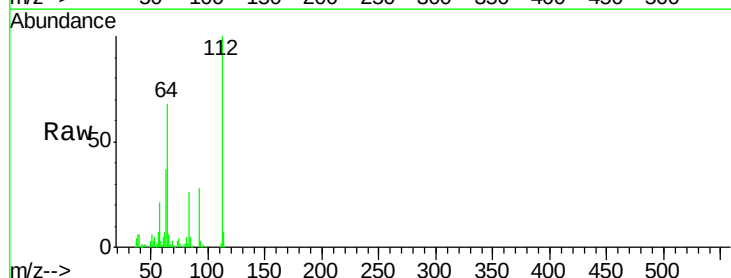
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.713 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.3	84.5
63	36.7	30.1	45.1

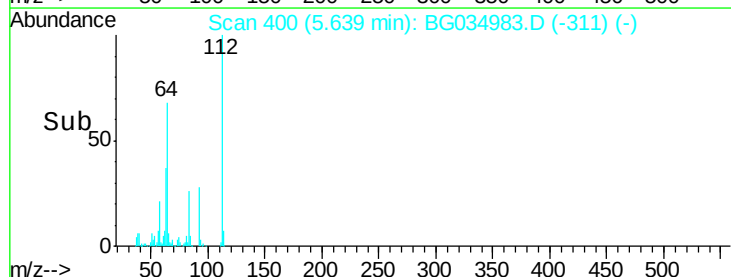
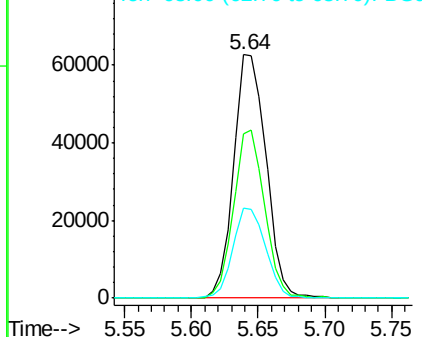


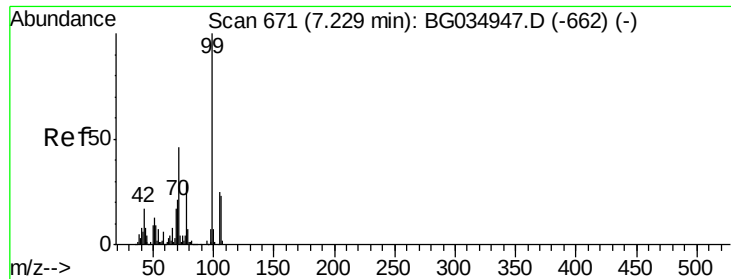
Abundance

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: 28.194 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-U-M

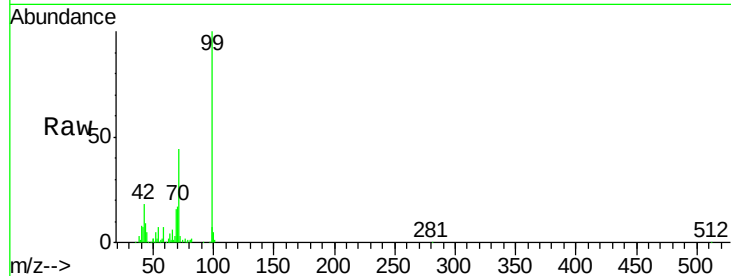
Tot Ion: 99 Resp: 103081

Ion Ratio Lower Upper

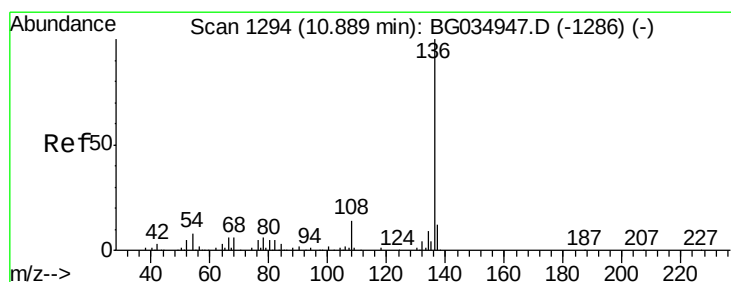
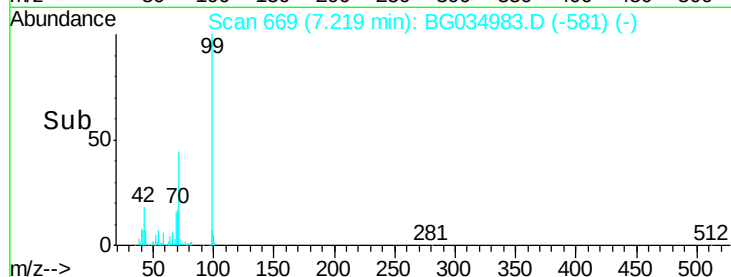
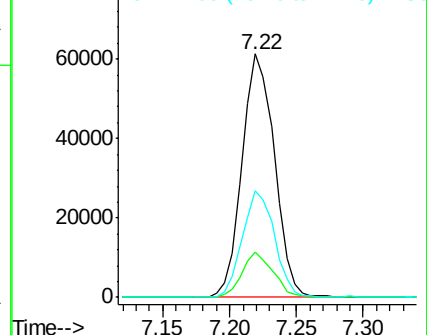
99 100

42 18.3 14.1 21.1

71 43.9 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: 10.88 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Tgt Ion: 136 Resp: 157563

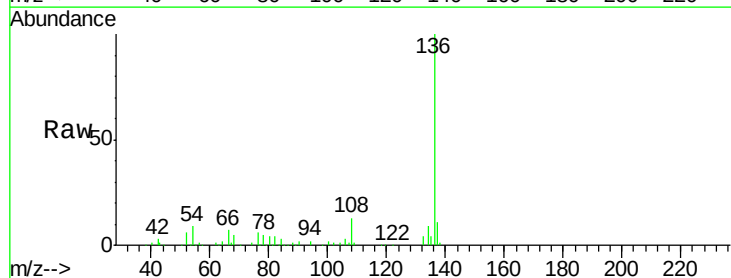
Ion Ratio Lower Upper

136 100

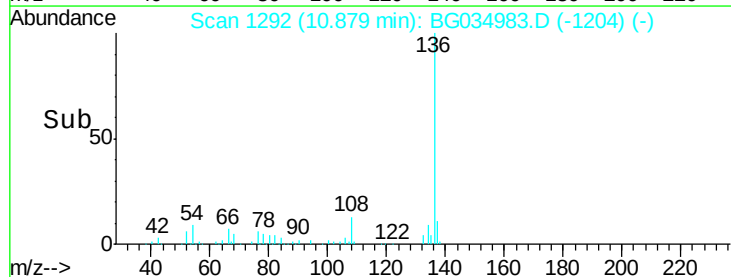
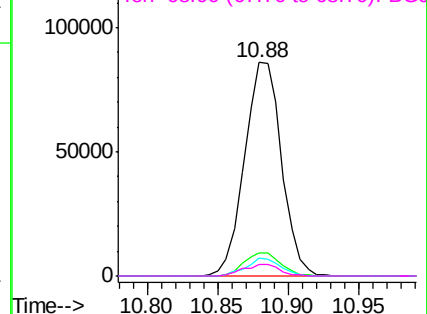
137 10.9 9.2 13.8

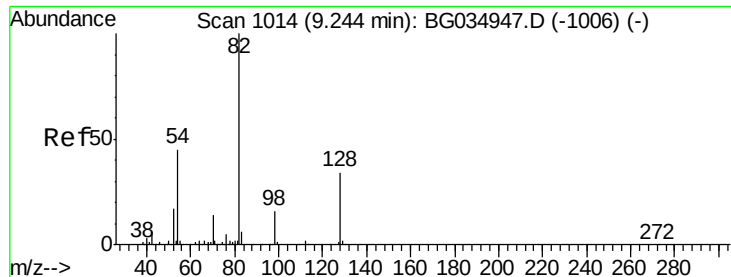
54 8.5 10.3 15.5#

68 5.2 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: 110.132 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-U-M

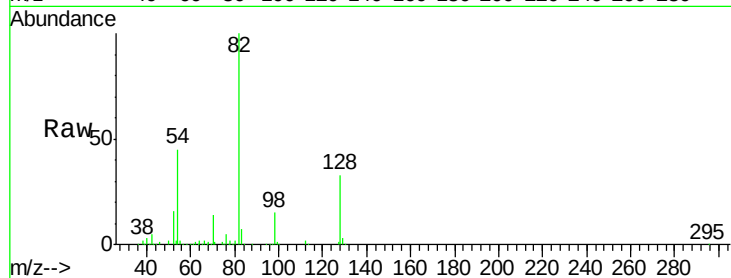
Tot Ion: 82 Resp: 365057

Ion Ratio Lower Upper

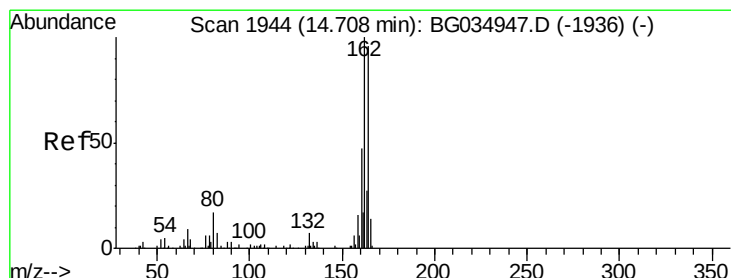
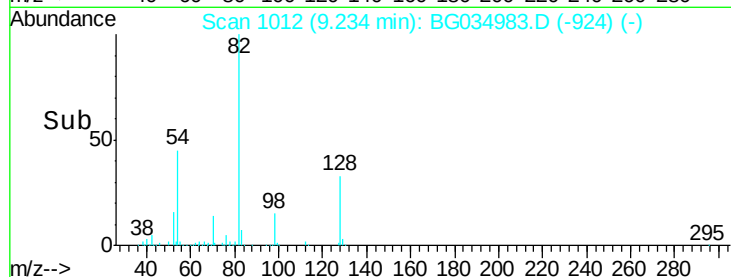
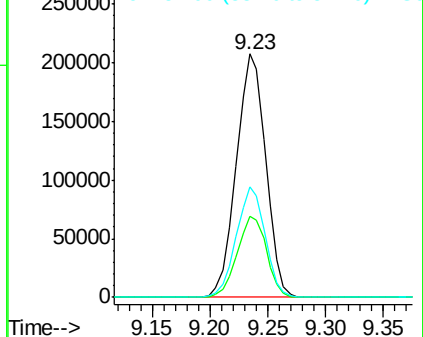
82 100

128 33.4 29.7 44.5

54 45.4 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: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

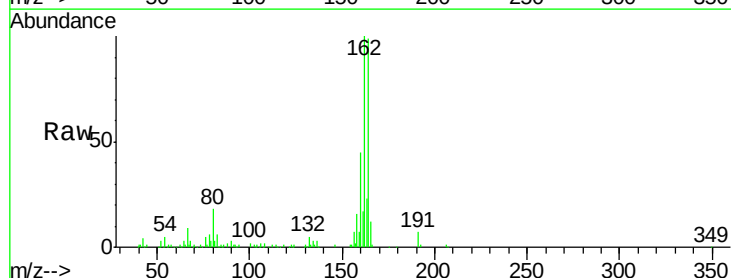
Tgt Ion:164 Resp: 115535

Ion Ratio Lower Upper

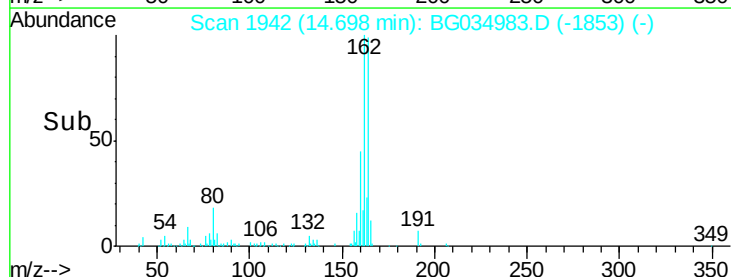
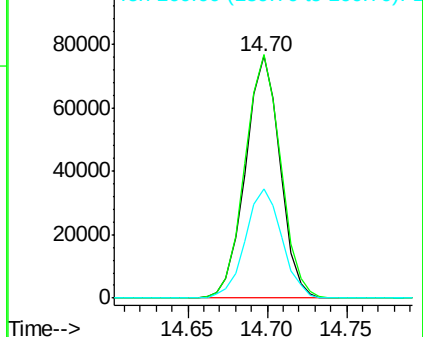
164 100

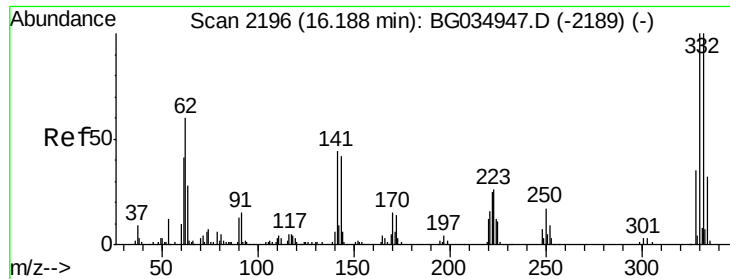
162 100.6 78.8 118.2

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

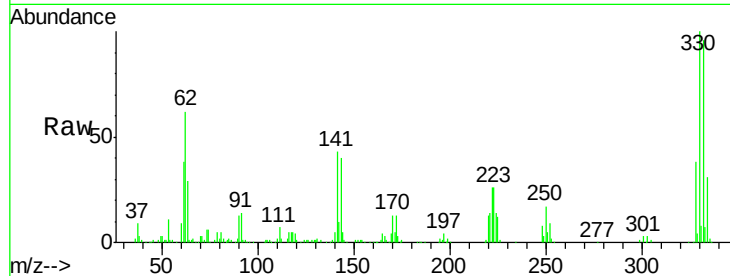




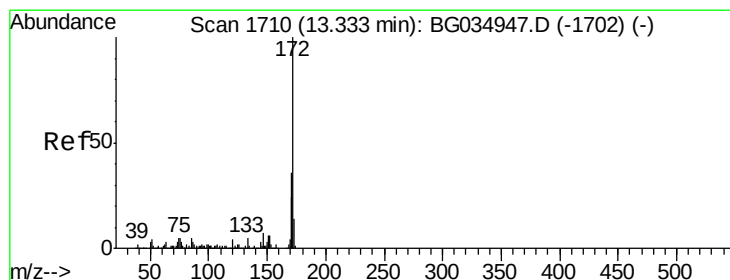
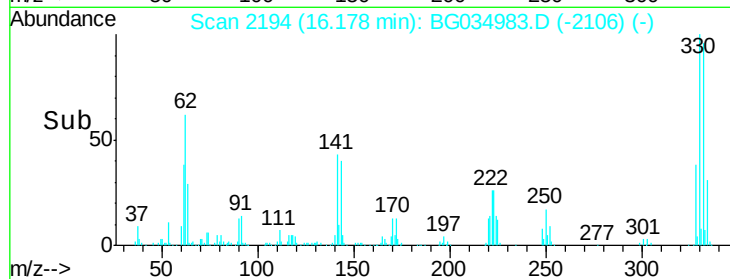
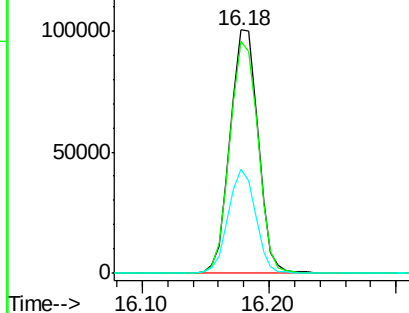
#41
 2,4,6-Tribromophenol
 Concen: 103.568 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.02 min
 Lab File: BG034983.D
 Acq: 8 Jun 2018 13:36

Instrument :
 BNA_G
 ClientSampleId :
 060418-JETT-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	41.7	25.2	37.8

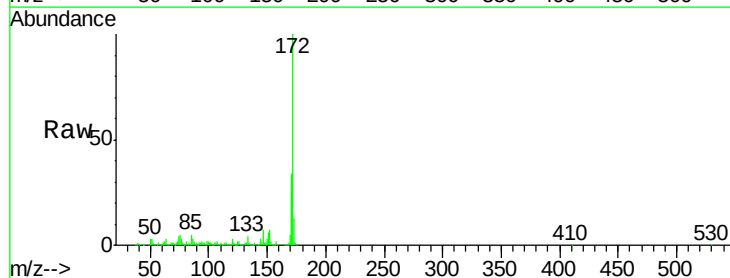


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

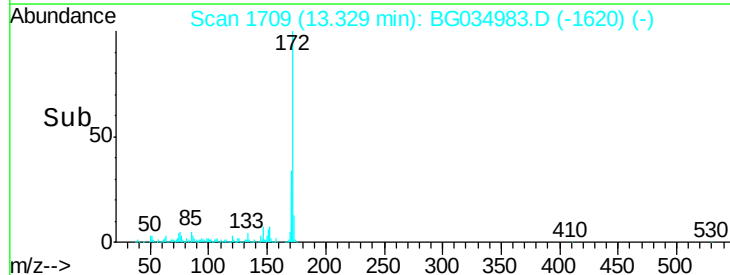
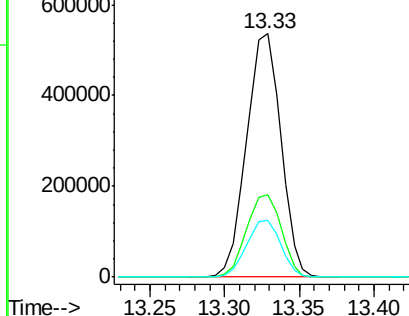


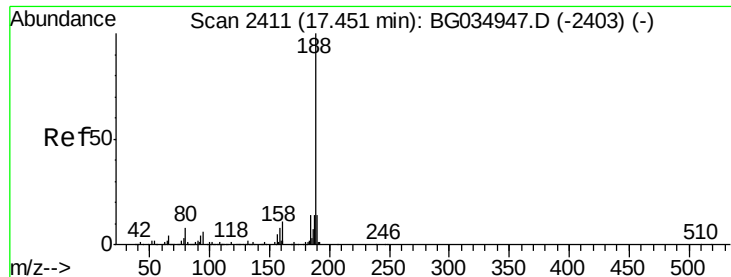
#44
 2-Fluorobiphenyl
 Concen: 96.022 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034983.D
 Acq: 8 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.5	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

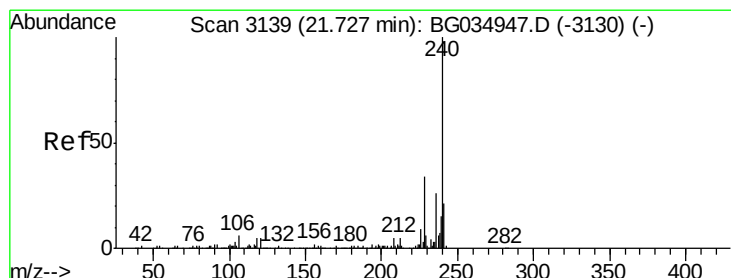
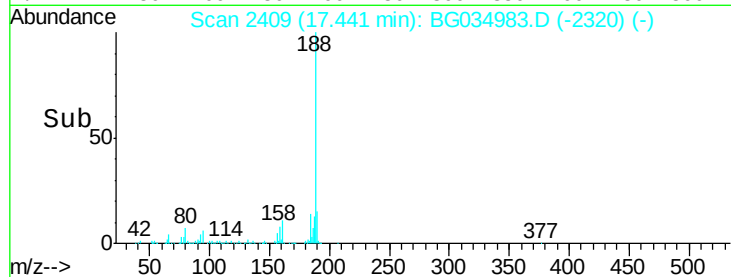
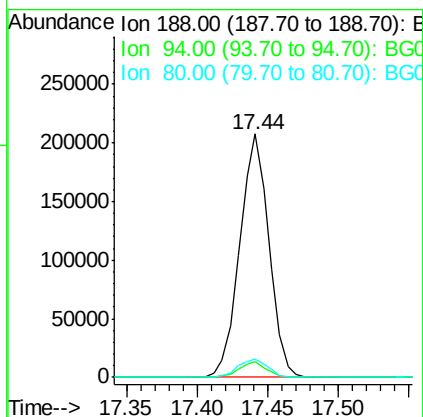
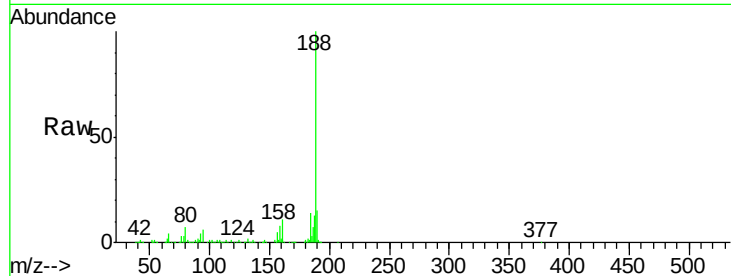




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

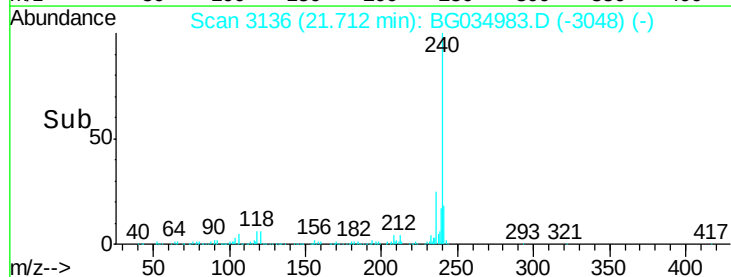
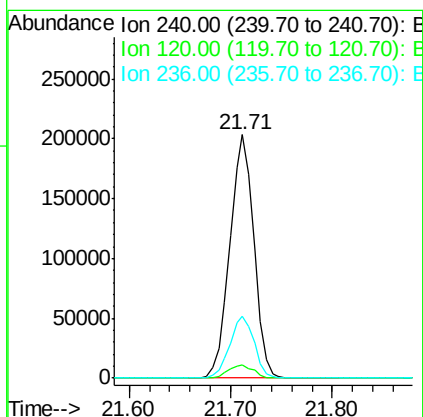
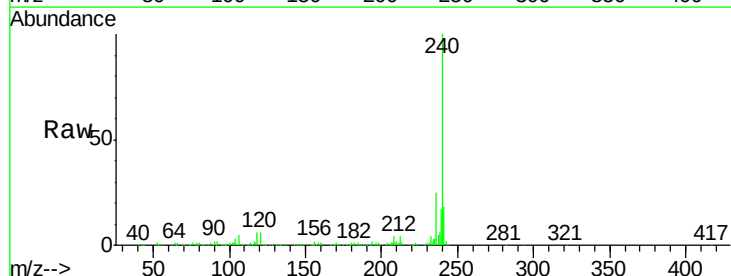
Instrument :
BNA_G
ClientSampleId :
060418-JETT-E-U-M

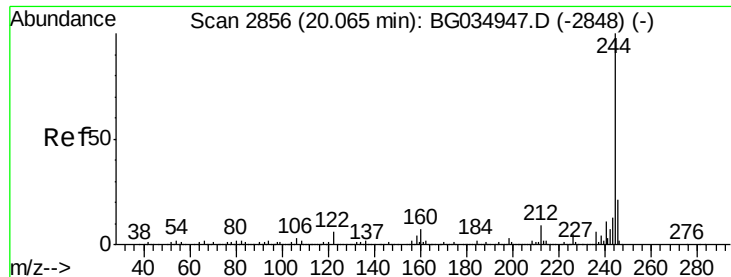
Tot Ion:188 Resp: 299383
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Tgt Ion:240 Resp: 332750
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 78.852 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Instrument :

BNA_G

ClientSampleId :

060418-JETT-E-U-M

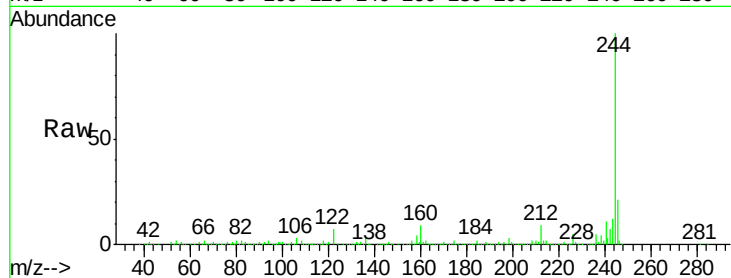
Tot Ion:244 Resp: 1252612

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

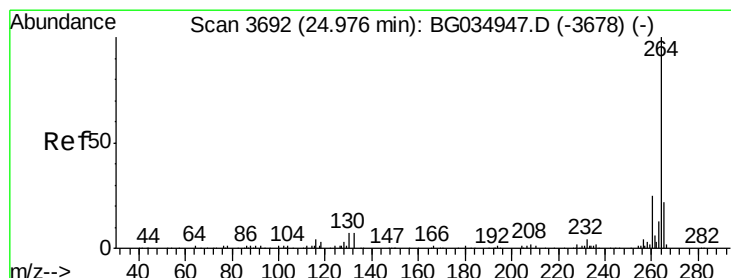
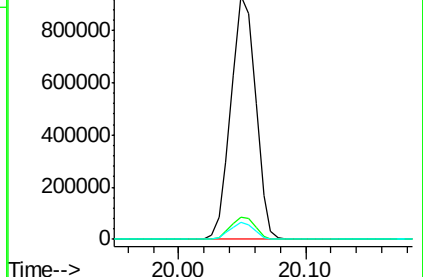
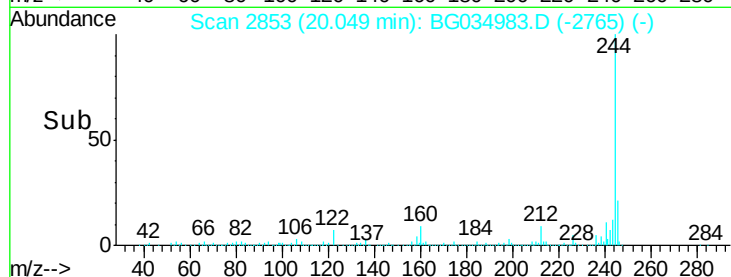
122 7.0 7.0 10.4



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: 24.95 min Scan# 3687

Delta R.T. -0.03 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

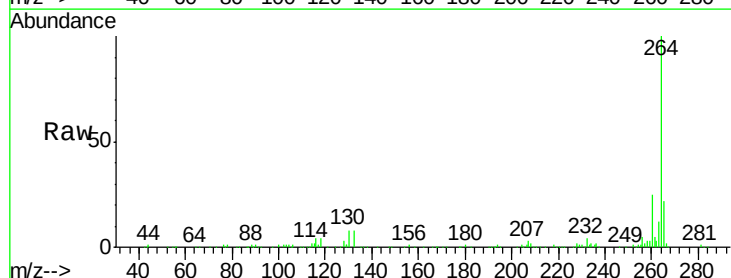
Tgt Ion:264 Resp: 322210

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 21.9 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

