

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031809.D
 Acq On : 27 Dec 2017 22:59
 Operator : SJ/JU
 Sample : I7058-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122117-JETT-F-D-M

Quant Time: Dec 28 07:51:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	41491	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	177077	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	124447	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	341514	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	420220	20.00	ng	-0.06
86) Perylene-d12	26.26	264	440642	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	81288	35.68	ng	-0.03
7) Phenol-d6	7.90	99	64775	21.90	ng	-0.03
23) Nitrobenzene-d5	10.00	82	207283	88.39	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	180420	95.01	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	813537	82.05	ng	-0.03
78) Terphenyl-d14	20.70	244	1482524	80.60	ng	-0.04

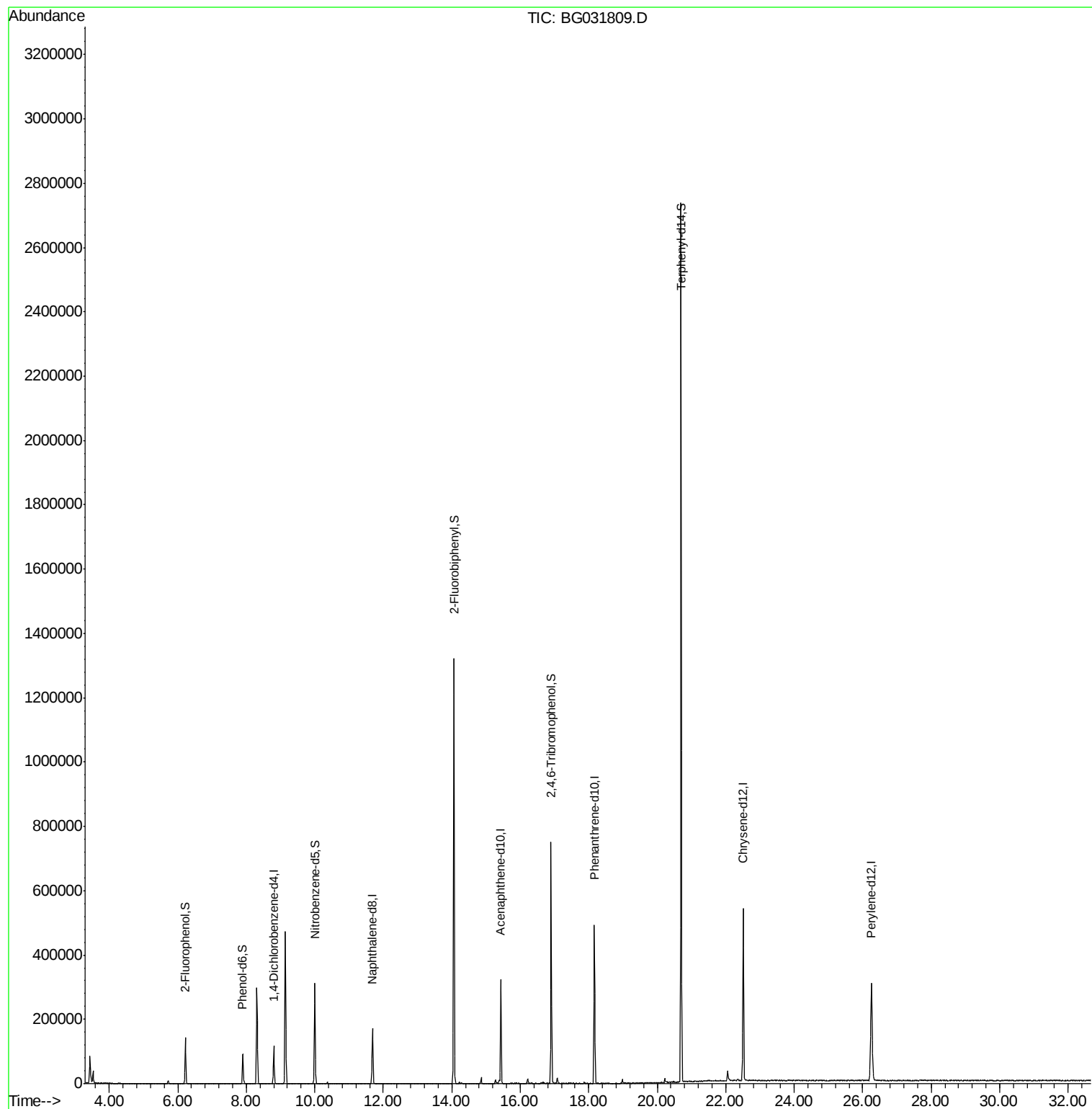
Target Compounds Qvalue

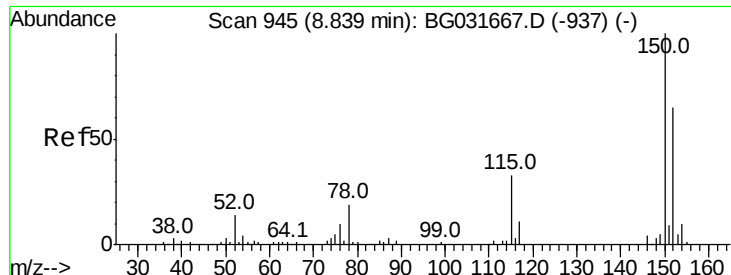
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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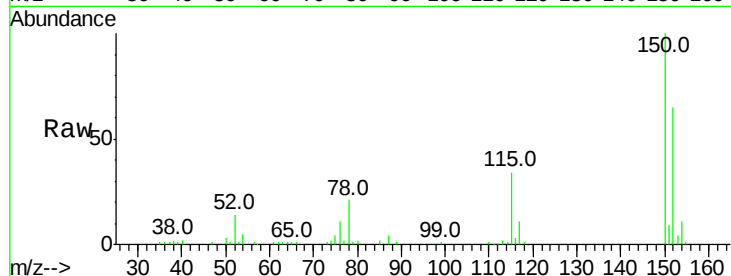


#1

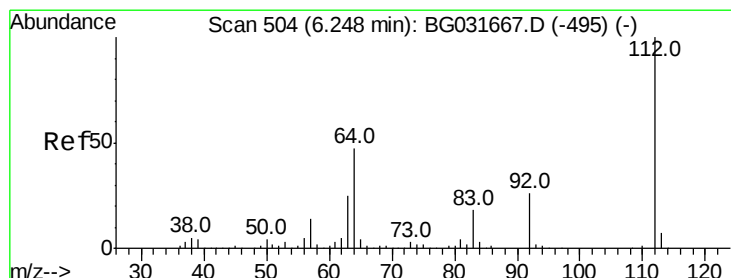
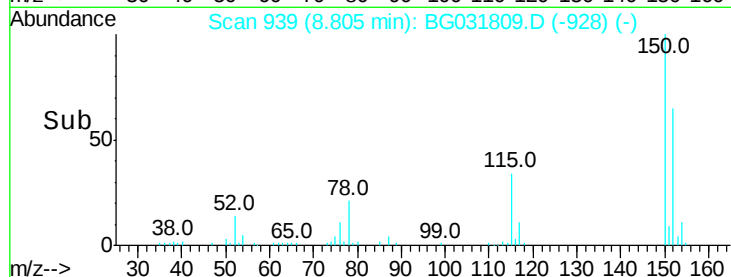
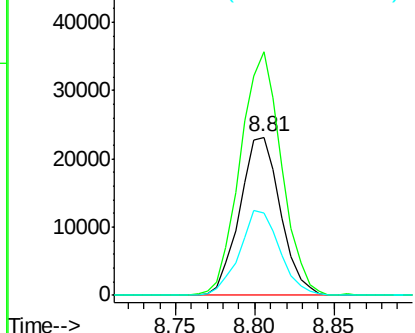
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.81 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 122117-JETT-F-D-M

Tot Ion:152 Resp: 41491
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.6 189.8
 115 52.3 53.0 79.4#



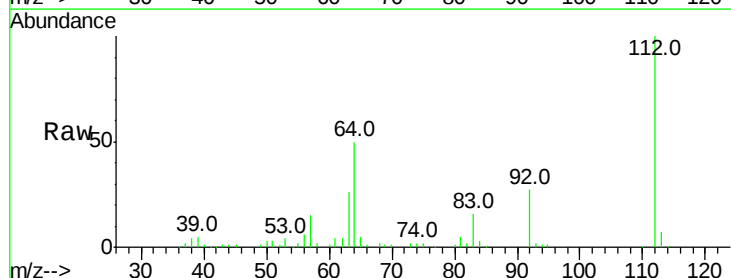
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



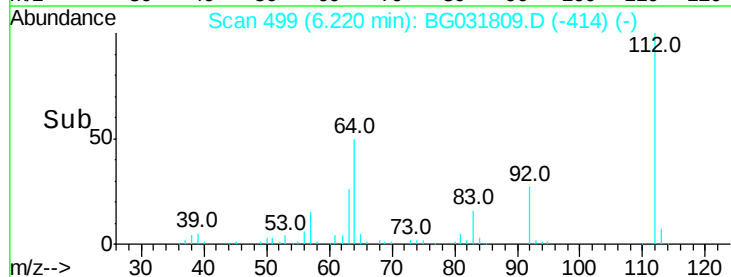
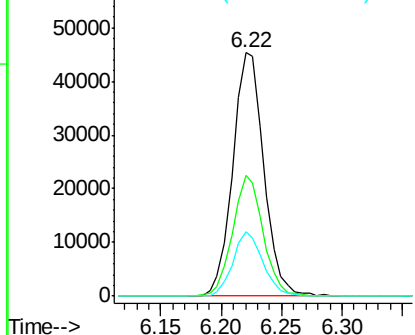
#5

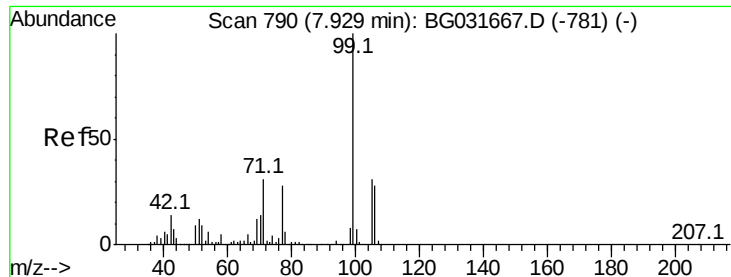
2-Fluorophenol
 Concen: 35.684 ng
 RT: 6.22 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

Tgt Ion:112 Resp: 81288
 Ion Ratio Lower Upper
 112 100
 64 49.6 56.3 84.5#
 63 26.5 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: 21.901 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-D-M

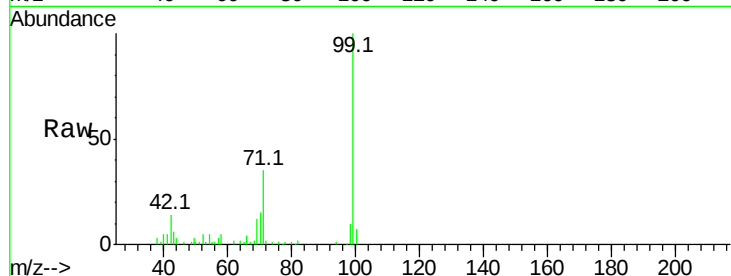
Tot Ion: 99 Resp: 64775

Ion Ratio Lower Upper

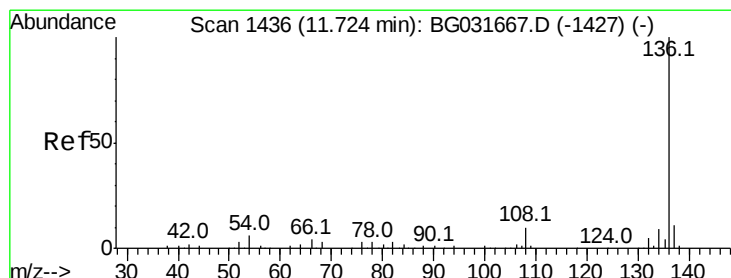
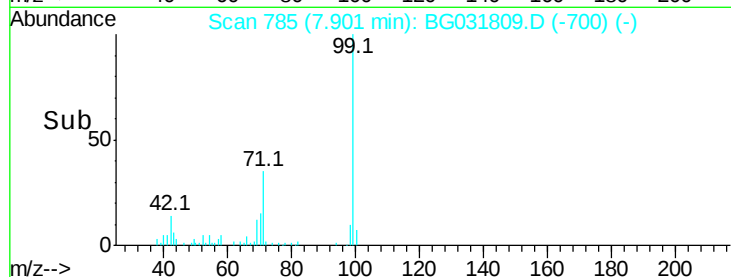
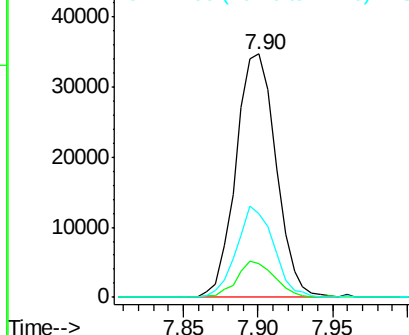
99 100

42 14.0 14.1 21.1#

71 34.5 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

Tgt Ion: 136 Resp: 177077

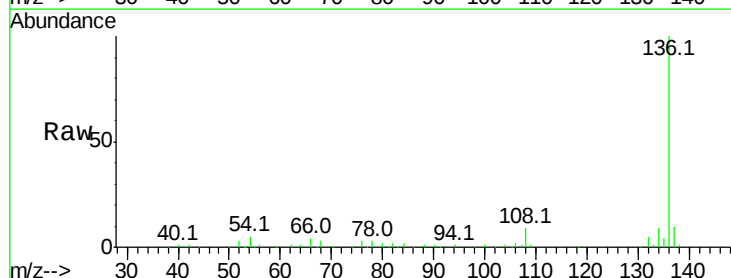
Ion Ratio Lower Upper

136 100

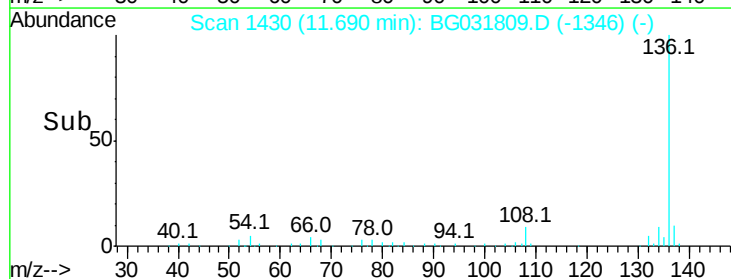
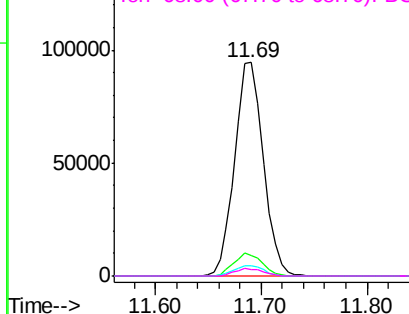
137 9.6 9.2 13.8

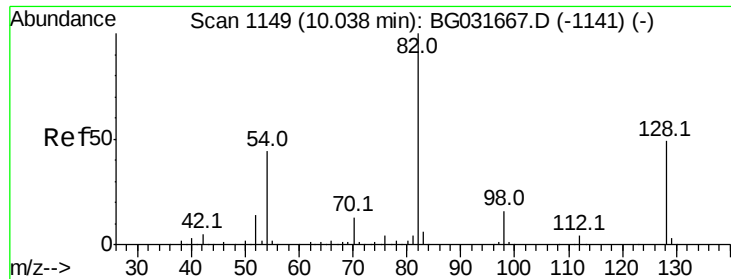
54 4.7 10.3 15.5#

68 3.2 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

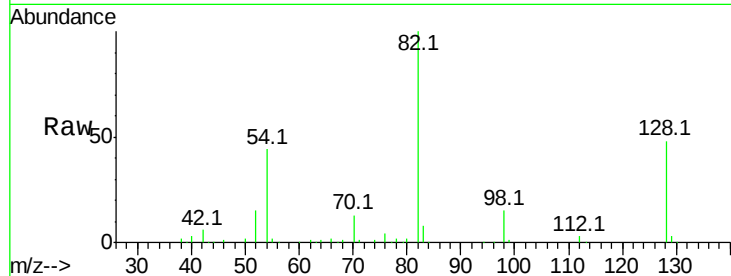




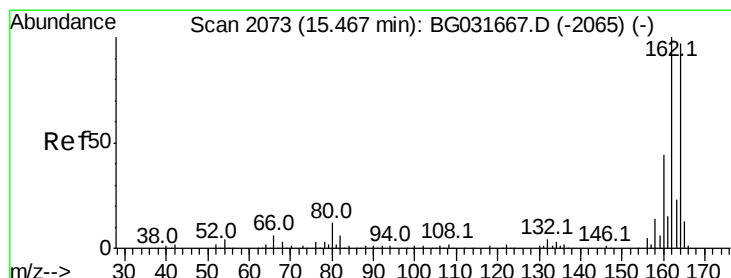
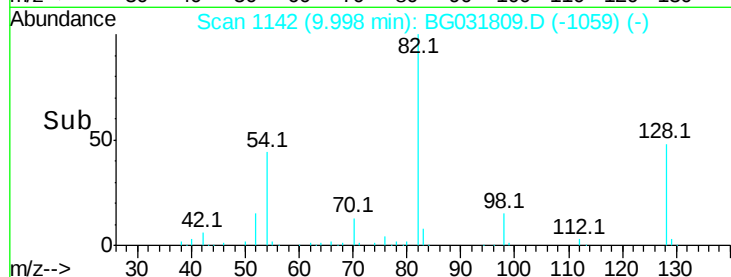
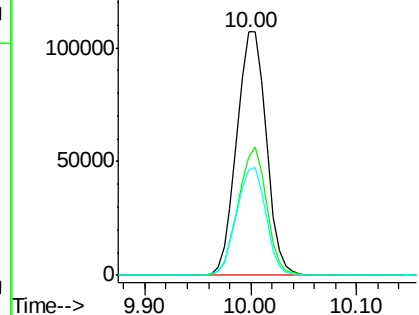
#23
Nitrobenzene-d5
Concen: 88.393 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Instrument :
BNA_G
ClientSampleId :
122117-JETT-F-D-M

Tot Ion: 82 Resp: 207283
Ion Ratio Lower Upper
82 100
128 48.4 29.7 44.5#
54 43.5 43.1 64.7

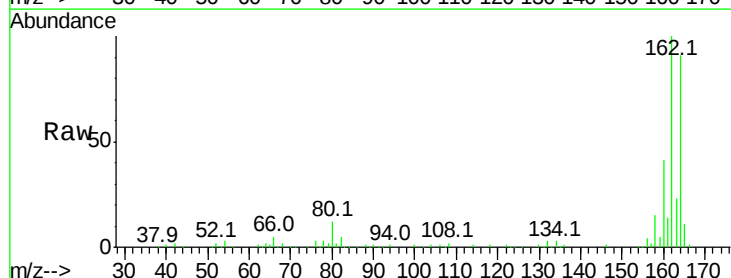


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

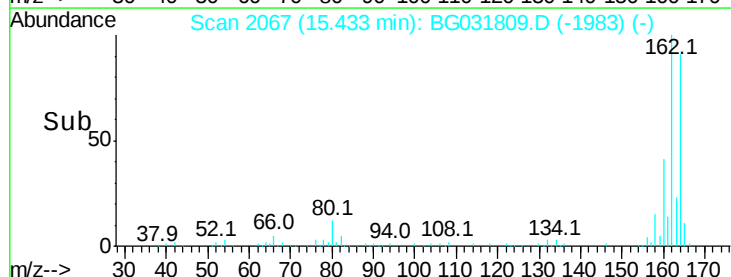
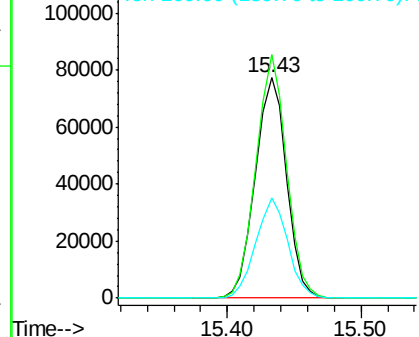


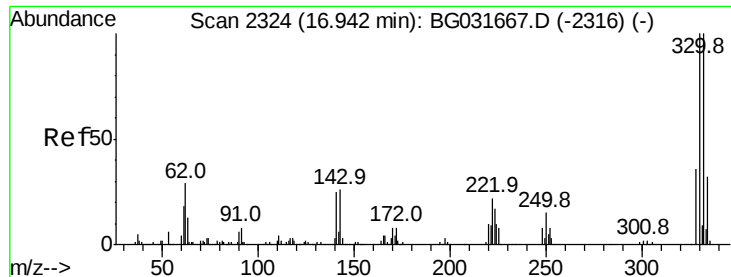
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Tgt Ion:164 Resp: 124447
Ion Ratio Lower Upper
164 100
162 110.4 78.8 118.2
160 45.5 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: 95.013 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.04 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-D-M

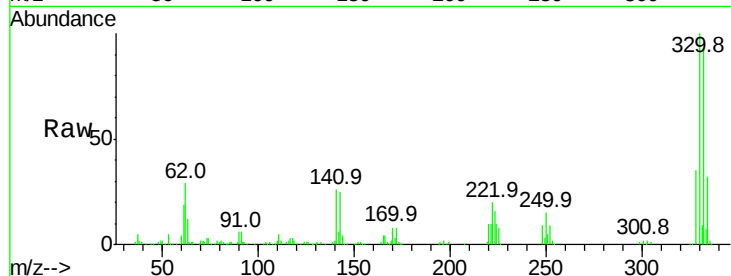
Tot Ion:330 Resp: 180420

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

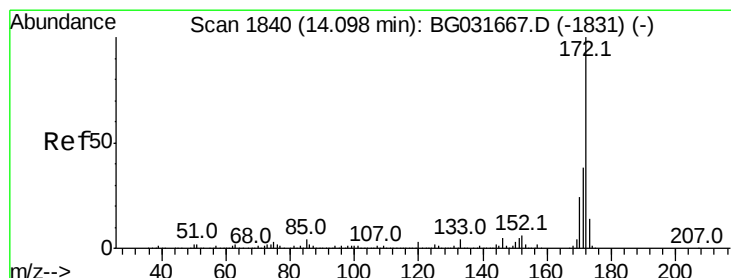
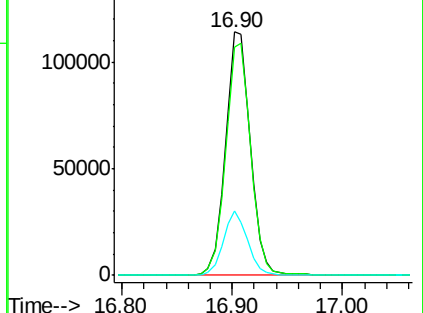
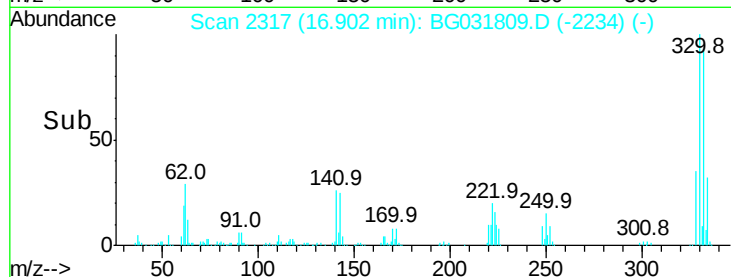
141 25.3 25.2 37.8



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: 82.051 ng

RT: 14.06 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

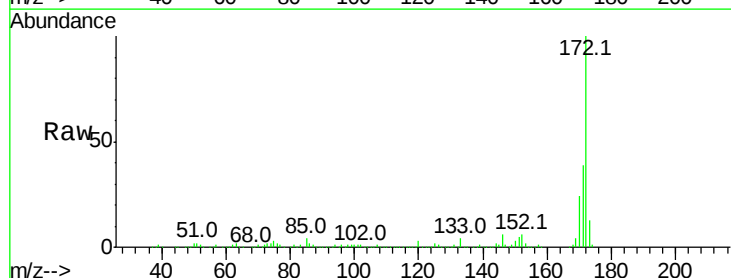
Tgt Ion:172 Resp: 813537

Ion Ratio Lower Upper

172 100

171 38.5 30.0 45.0

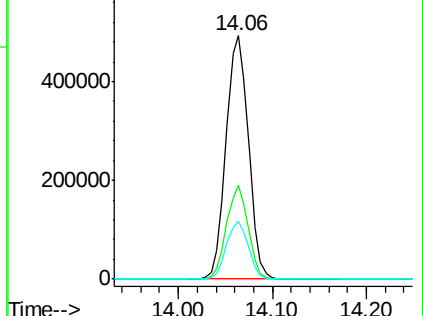
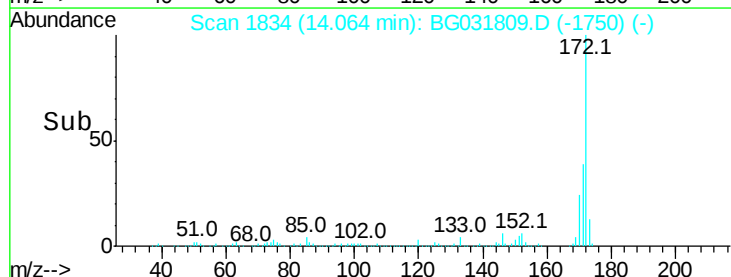
170 23.9 19.5 29.3

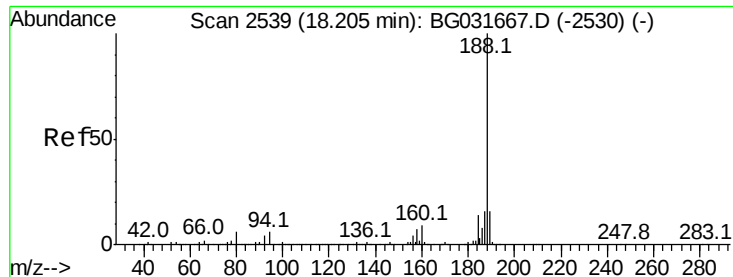


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

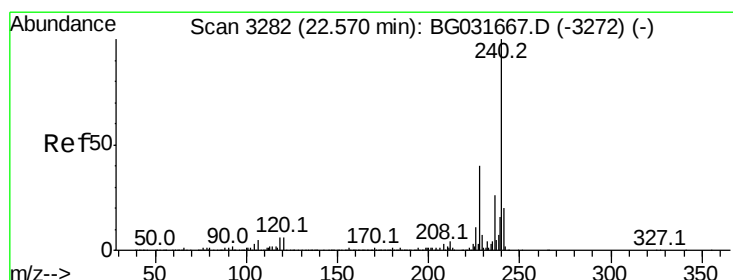
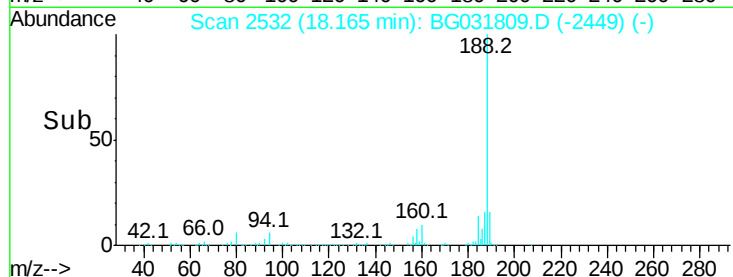
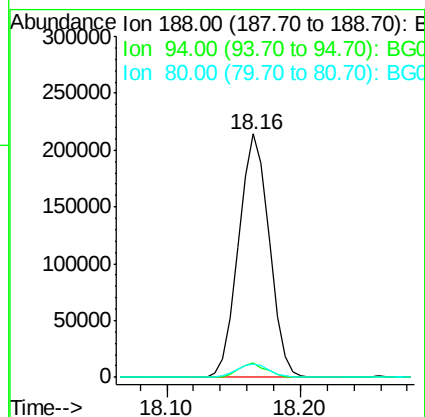
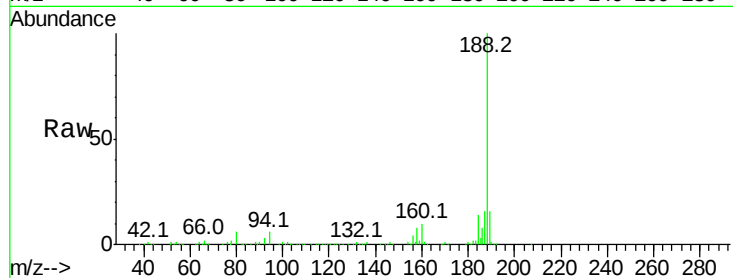




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

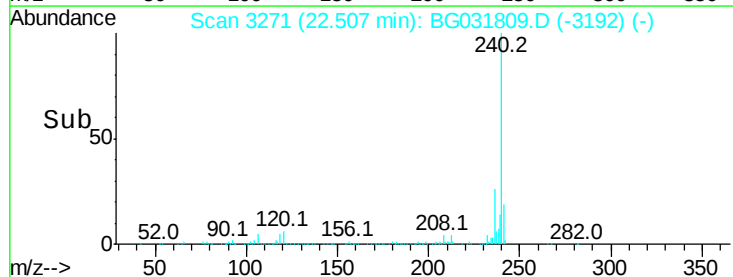
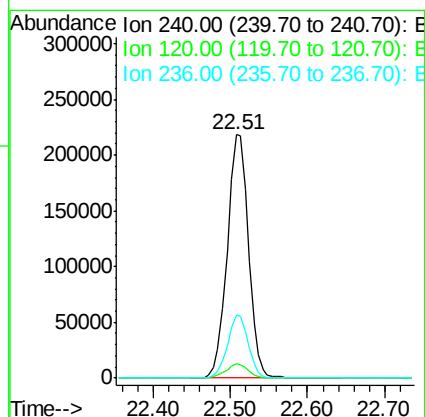
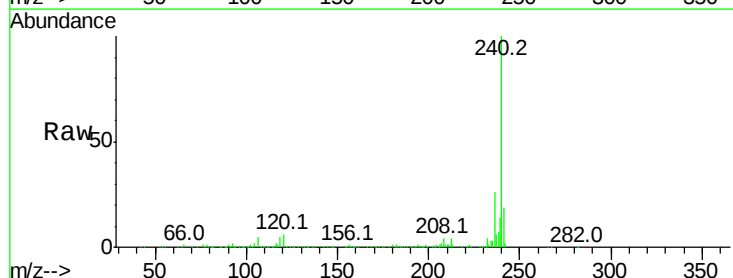
Instrument :
BNA_G
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122117-JETT-F-D-M

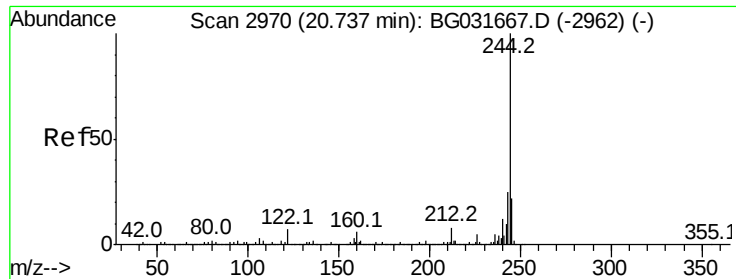
Tot Ion:188 Resp: 341514
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 5.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Tgt Ion:240 Resp: 420220
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 80.602 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-D-M

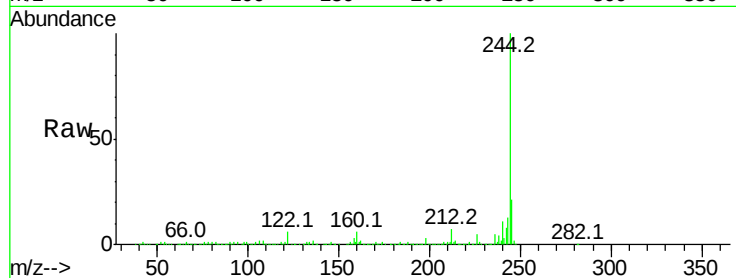
Tot Ion:244 Resp: 1482524

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

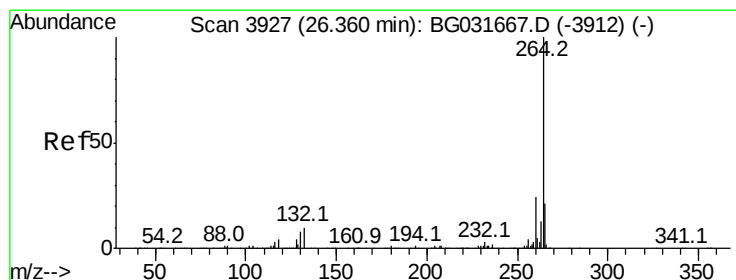
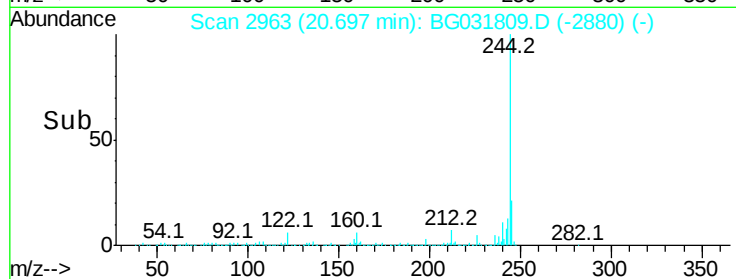
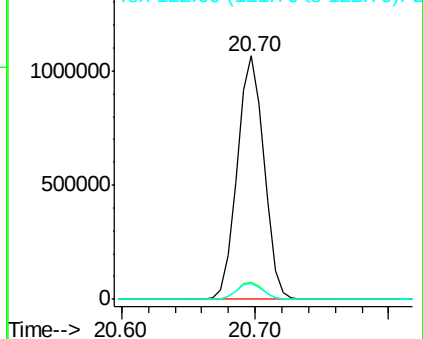
122 6.4 7.0 10.4#



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: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

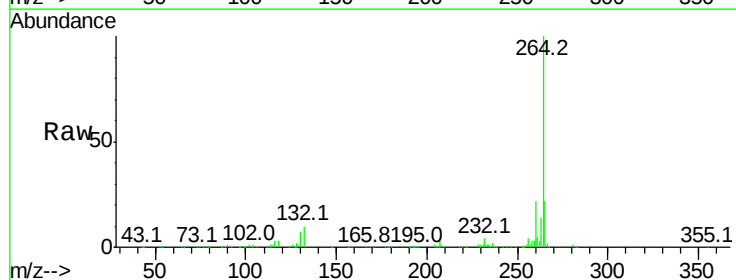
Tgt Ion:264 Resp: 440642

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 21.8 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

