

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031706.D
 Acq On : 22 Dec 2017 11:53
 Operator : SJ/JU
 Sample : I6971-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121517-JETT-E-U-S

Quant Time: Dec 22 12:43:05 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	8.82	152	56428	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	241140	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	172304	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	462409	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	533515	20.00	ng	-0.02
86) Perylene-d12	26.34	264	558209	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	124049	40.04	ng	-0.01
7) Phenol-d6	7.92	99	101577	25.25	ng	-0.01
23) Nitrobenzene-d5	10.03	82	262995	82.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	233003	88.62	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1020010	74.30	ng	-0.01
78) Terphenyl-d14	20.73	244	1823690	78.10	ng	-0.01

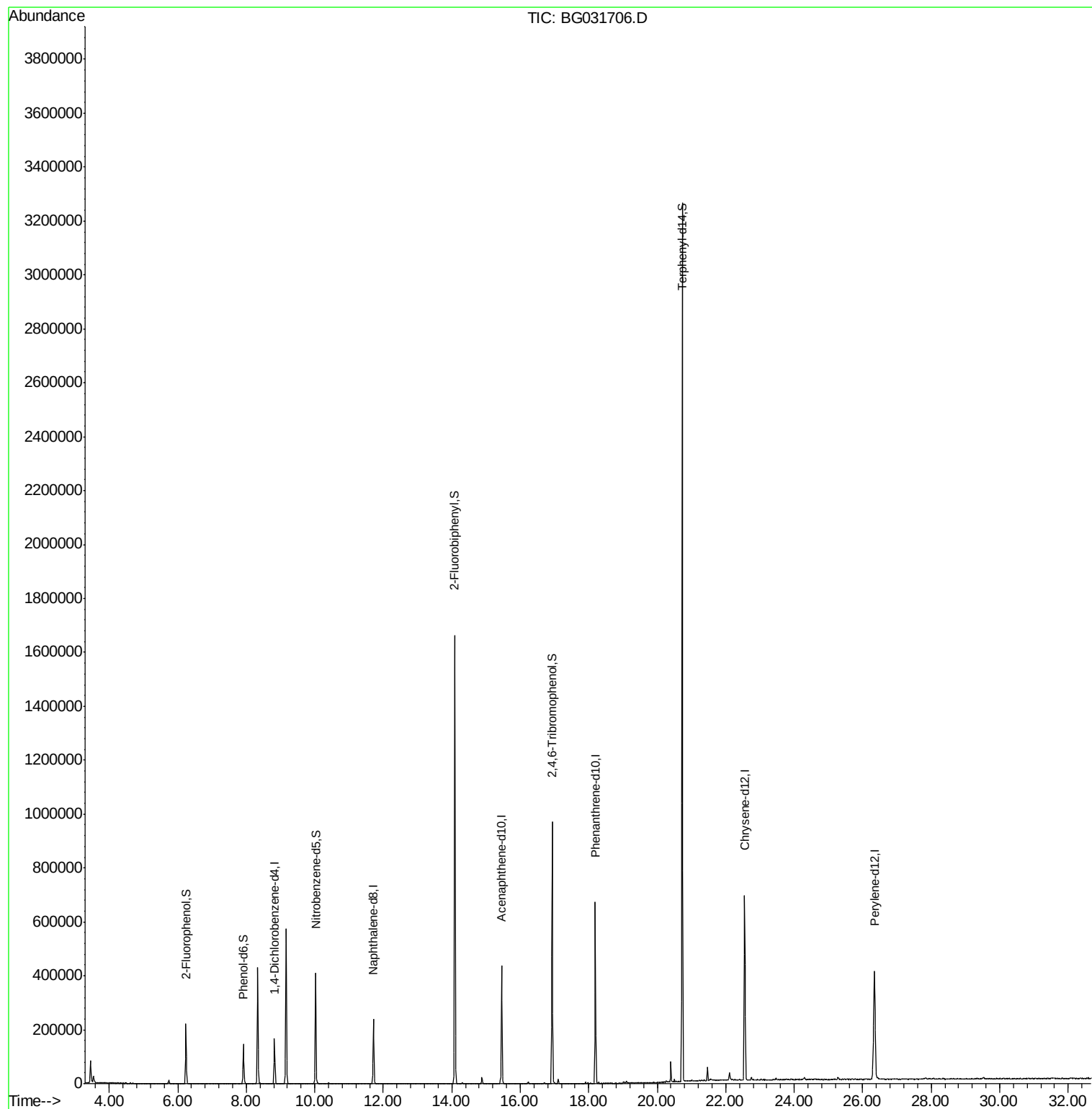
Target Compounds Qvalue

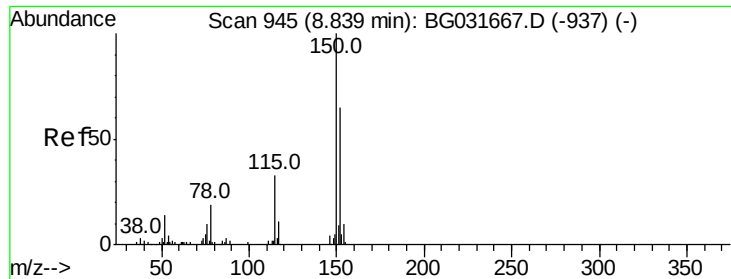
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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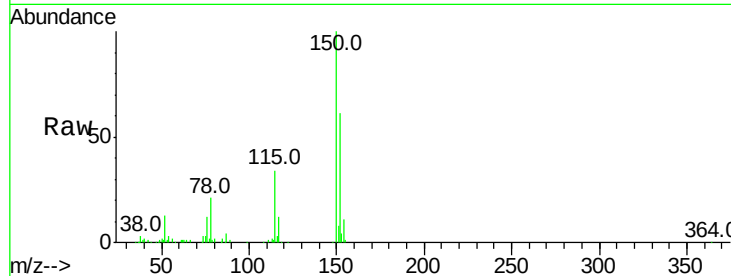


#1

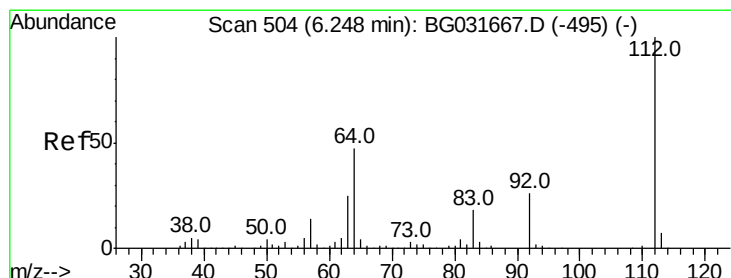
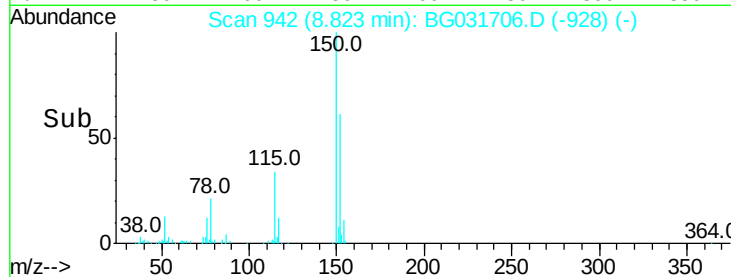
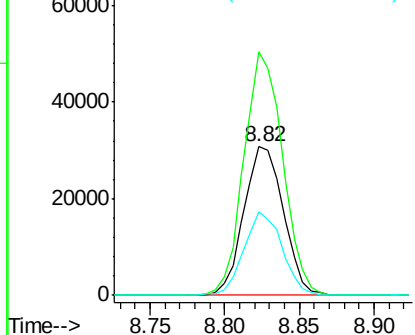
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031706.D
Acq: 22 Dec 2017 11:53

Instrument :
BNA_G
ClientSampleId :
121517-JETT-E-U-S

Tot Ion:152 Resp: 56428
Ion Ratio Lower Upper
152 100
150 163.8 126.6 189.8
115 56.4 53.0 79.4



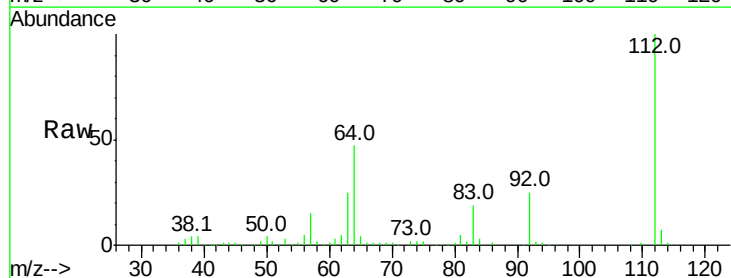
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



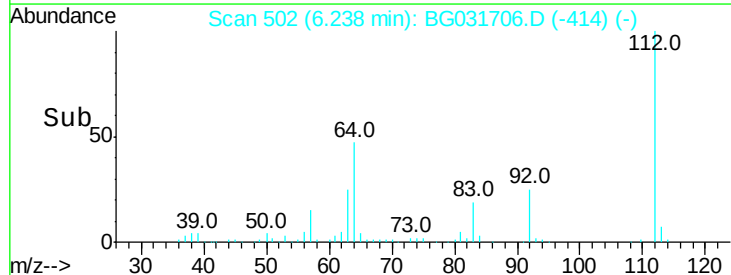
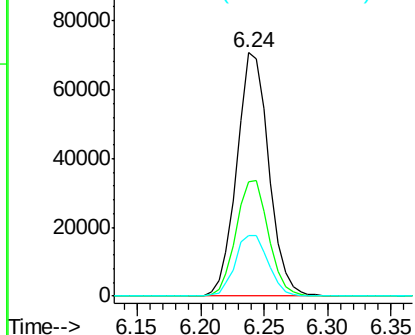
#5

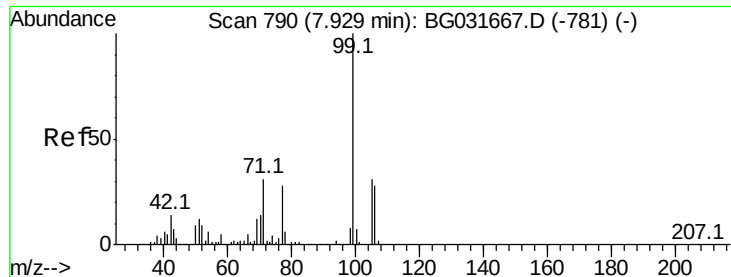
2-Fluorophenol
Concen: 40.041 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031706.D
Acq: 22 Dec 2017 11:53

Tgt Ion:112 Resp: 124049
Ion Ratio Lower Upper
112 100
64 47.2 56.3 84.5#
63 24.8 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: 25.253 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

Instrument :

BNA_G

ClientSampleId :

121517-JETT-E-U-S

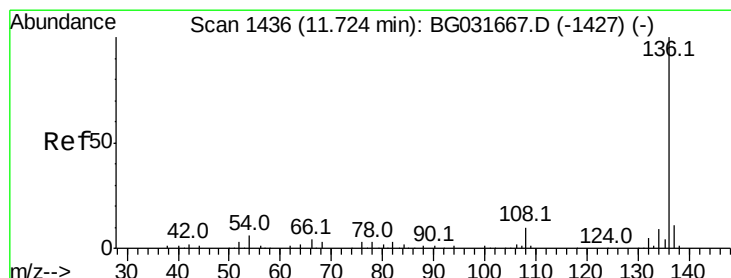
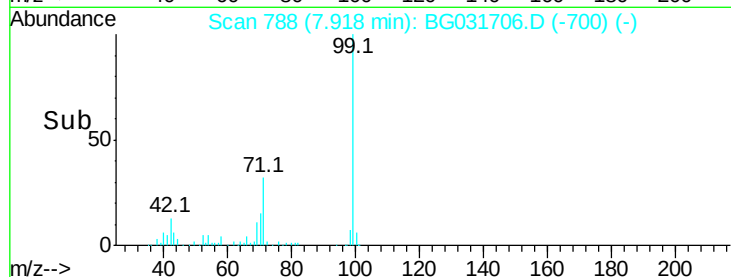
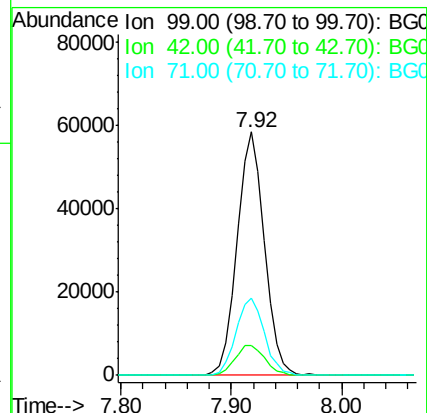
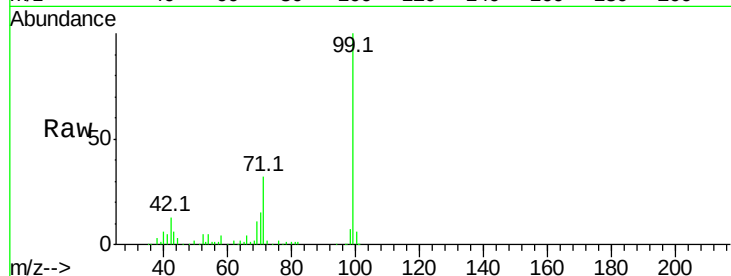
Tot Ion: 99 Resp: 101577

Ion Ratio Lower Upper

99 100

42 12.5 14.1 21.1#

71 31.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

Tgt Ion: 136 Resp: 241140

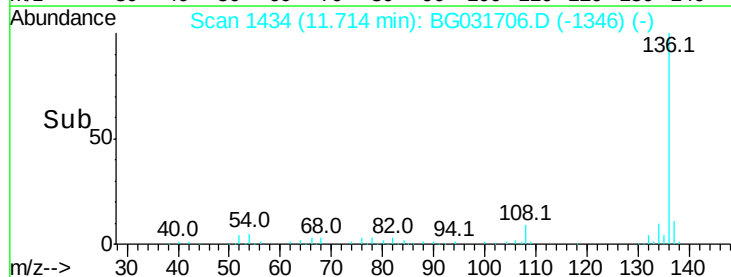
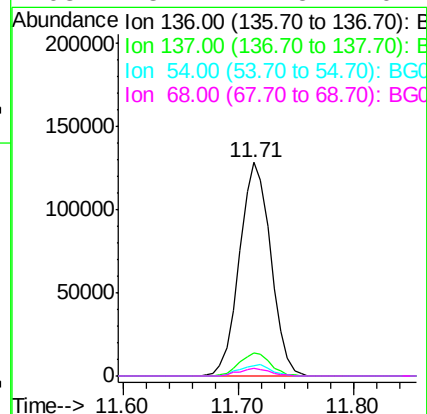
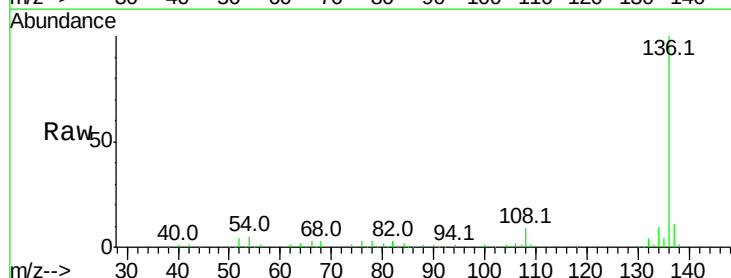
Ion Ratio Lower Upper

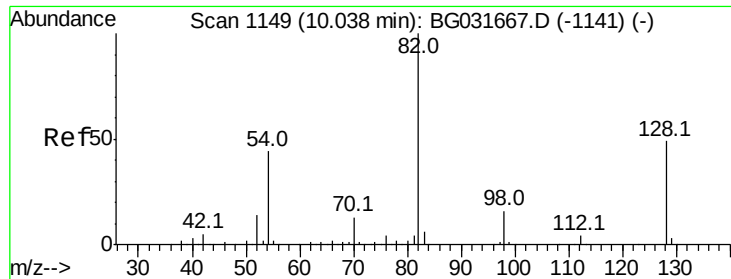
136 100

137 10.6 9.2 13.8

54 4.9 10.3 15.5#

68 3.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 82.356 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

Instrument :

BNA_G

ClientSampleId :

121517-JETT-E-U-S

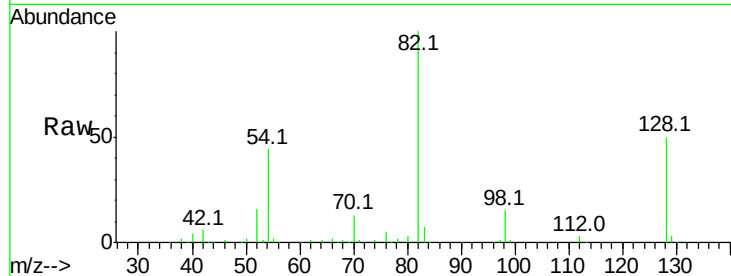
Tot Ion: 82 Resp: 262995

Ion Ratio Lower Upper

82 100

128 49.7 29.7 44.5#

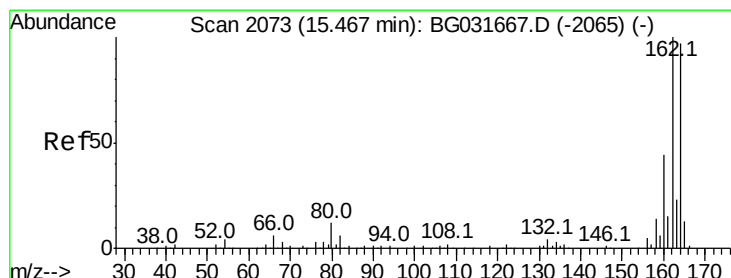
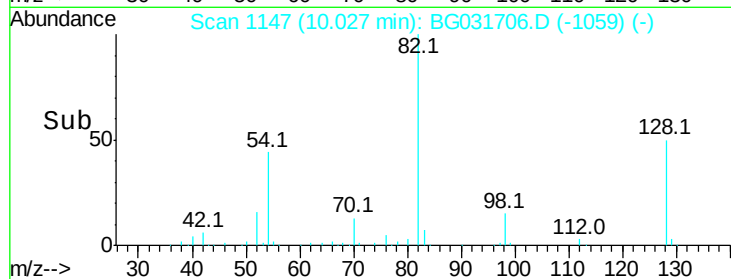
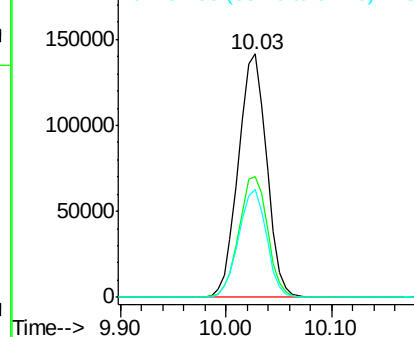
54 44.3 43.1 64.7



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: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

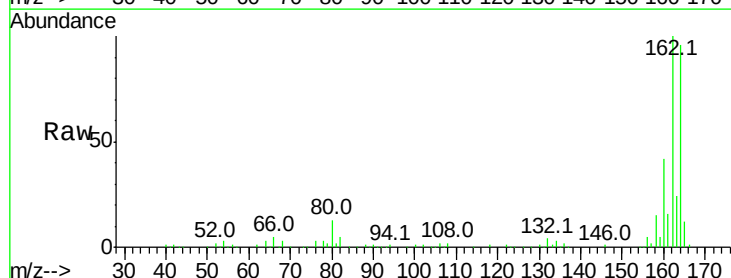
Tgt Ion: 164 Resp: 172304

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

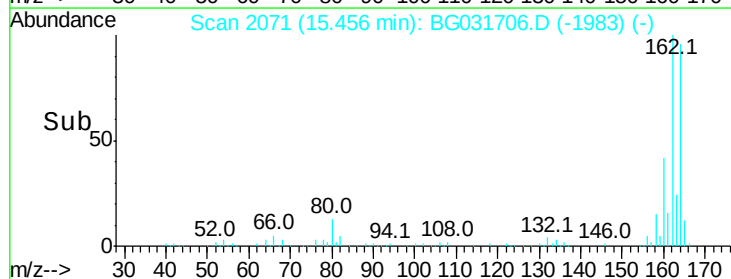
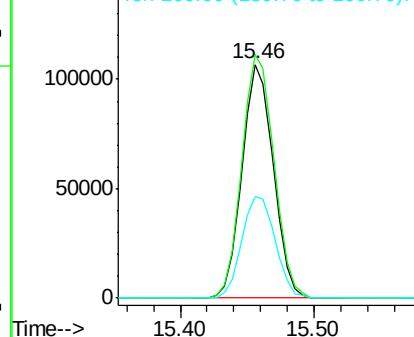
160 43.4 35.4 53.0

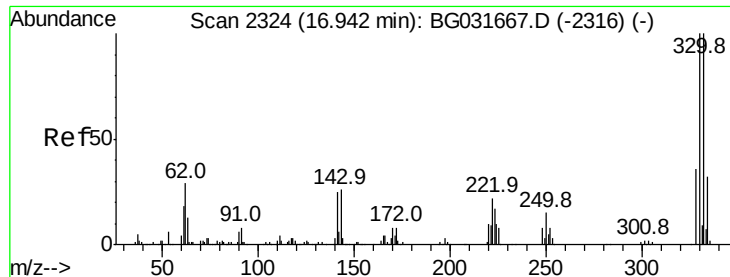


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 88.624 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

Instrument :

BNA_G

ClientSampleId :

121517-JETT-E-U-S

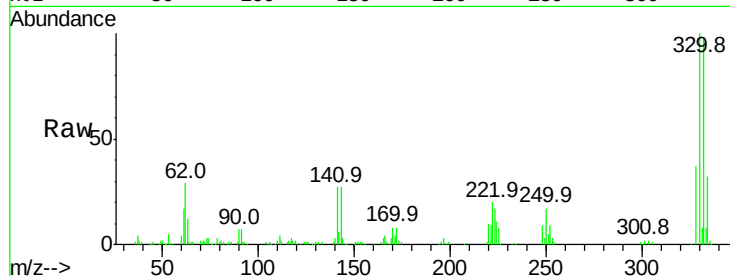
Tot Ion:330 Resp: 233003

Ion Ratio Lower Upper

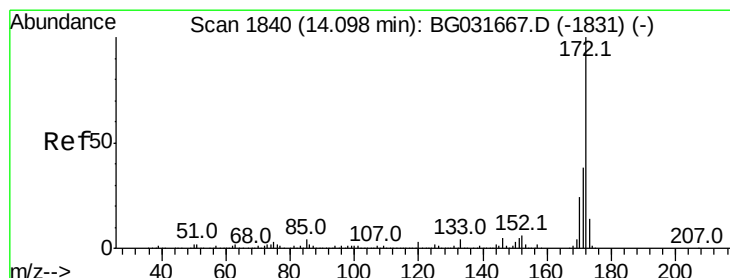
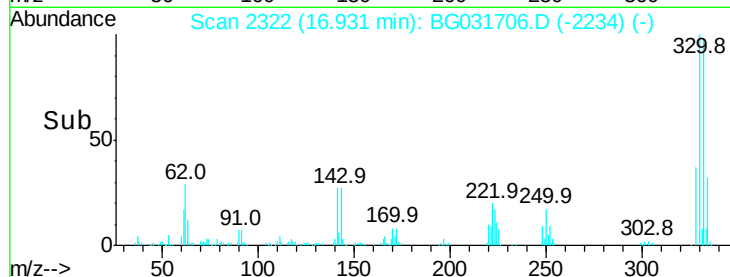
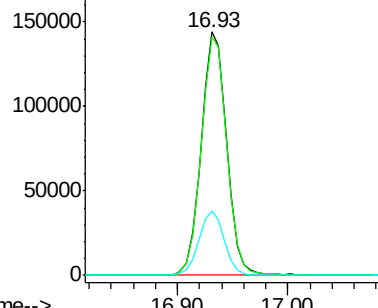
330 100

332 98.6 77.0 115.6

141 26.5 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: 74.302 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

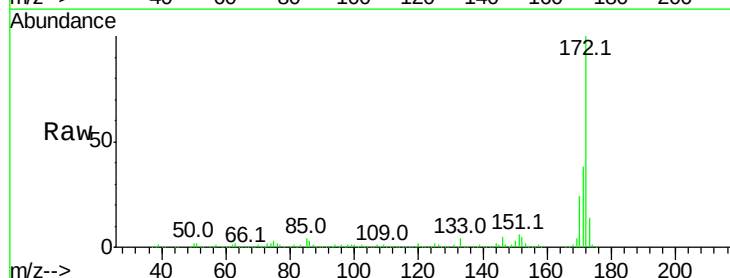
Tgt Ion:172 Resp: 1020010

Ion Ratio Lower Upper

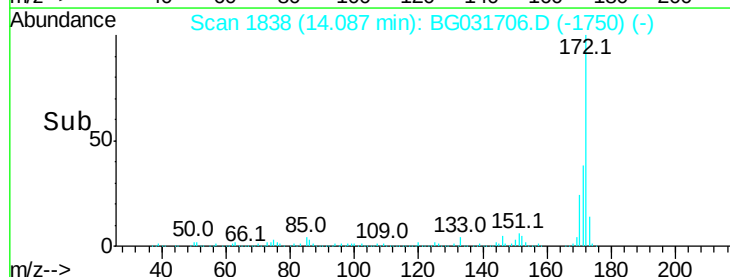
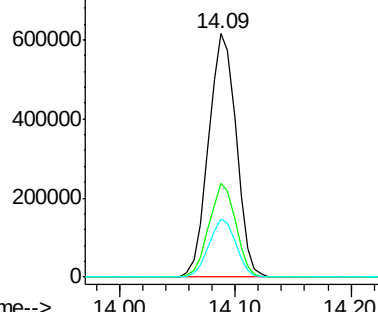
172 100

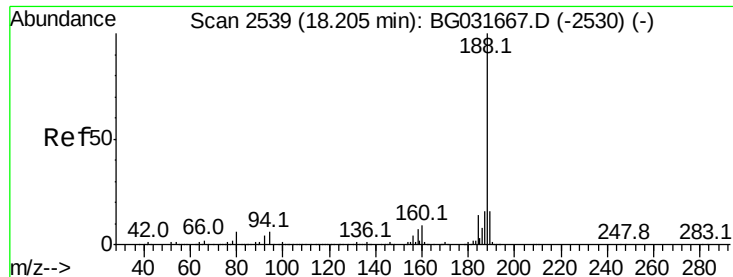
171 38.4 30.0 45.0

170 24.1 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: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

Instrument :

BNA_G

ClientSampleId :

121517-JETT-E-U-S

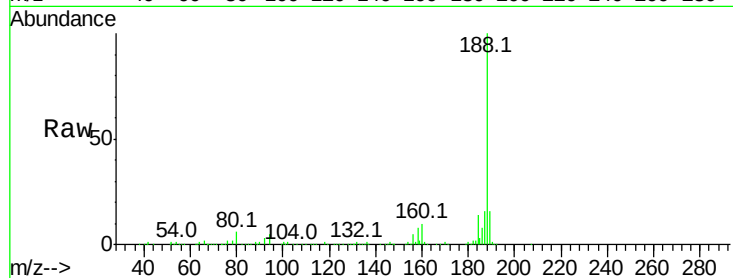
Tot Ion:188 Resp: 462409

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

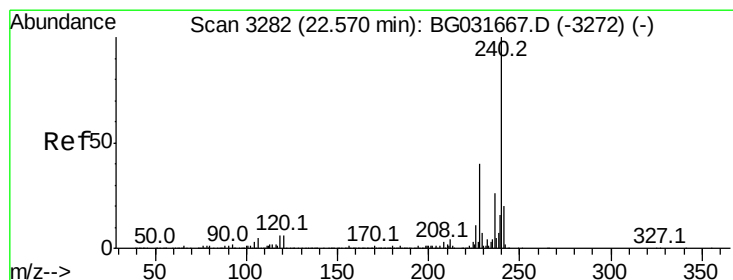
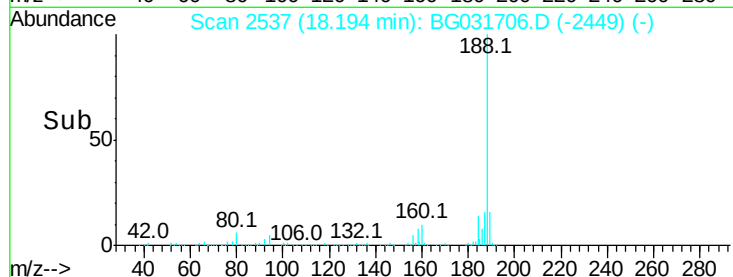
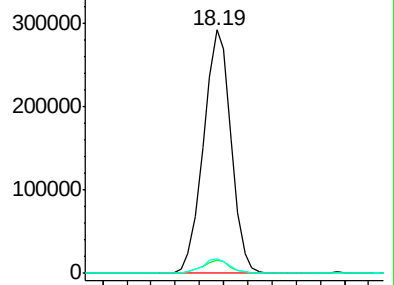
80 6.0 7.7 11.5#



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: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

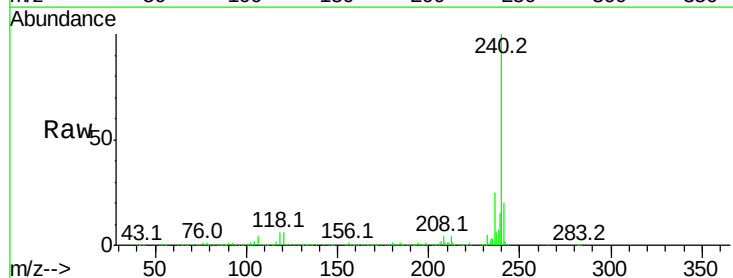
Tgt Ion:240 Resp: 533515

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

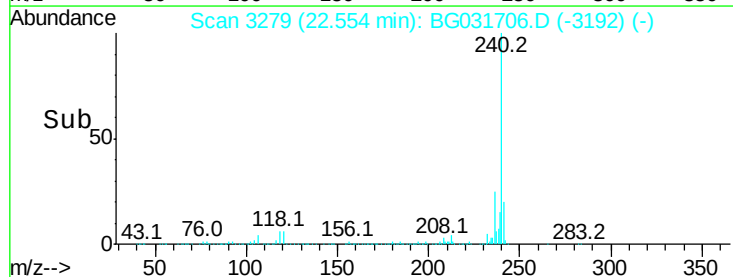
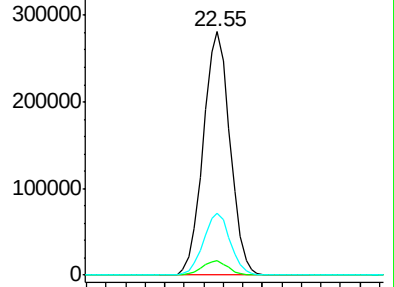
236 25.3 20.9 31.3

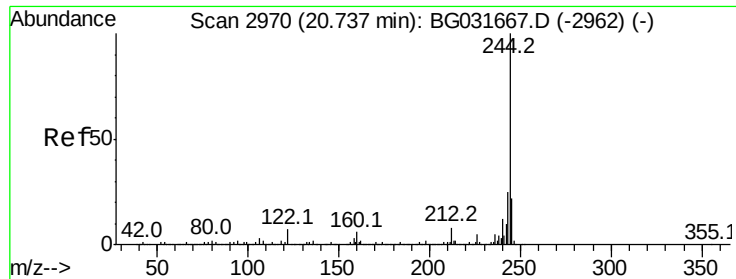


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.095 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

Instrument :

BNA_G

ClientSampleId :

121517-JETT-E-U-S

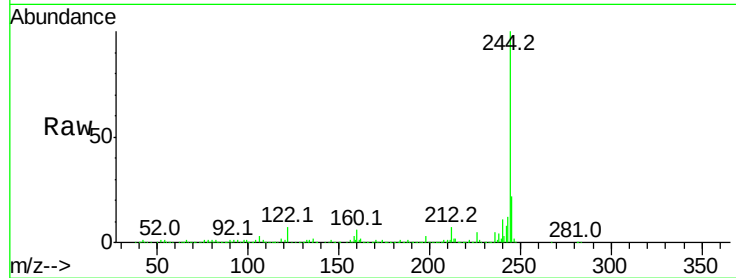
Tot Ion:244 Resp: 1823690

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

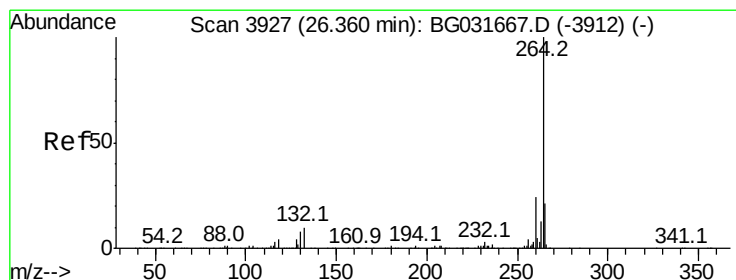
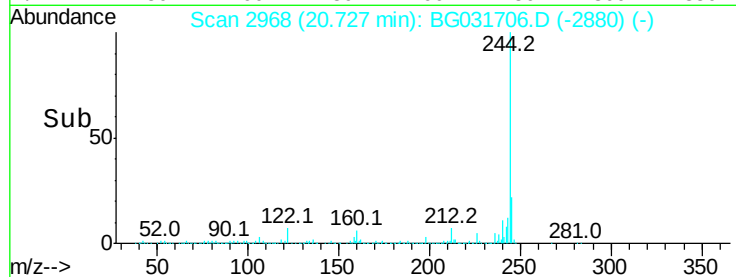
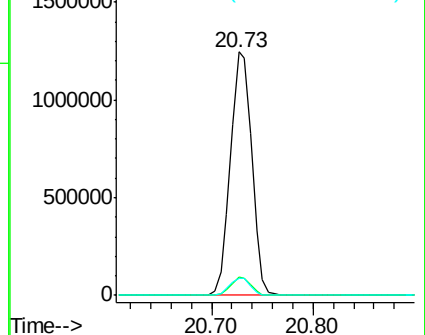
122 7.2 7.0 10.4



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: 26.34 min Scan# 3924

Delta R.T. -0.02 min

Lab File: BG031706.D

Acq: 22 Dec 2017 11:53

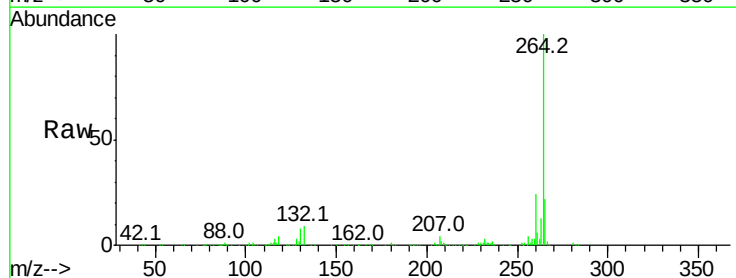
Tgt Ion:264 Resp: 558209

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.1 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

