

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033320.D
 Acq On : 23 Mar 2018 11:36
 Operator : SJ/JU
 Sample : J1978-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031718-JETT-F-U-M

Quant Time: Mar 23 14:36:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

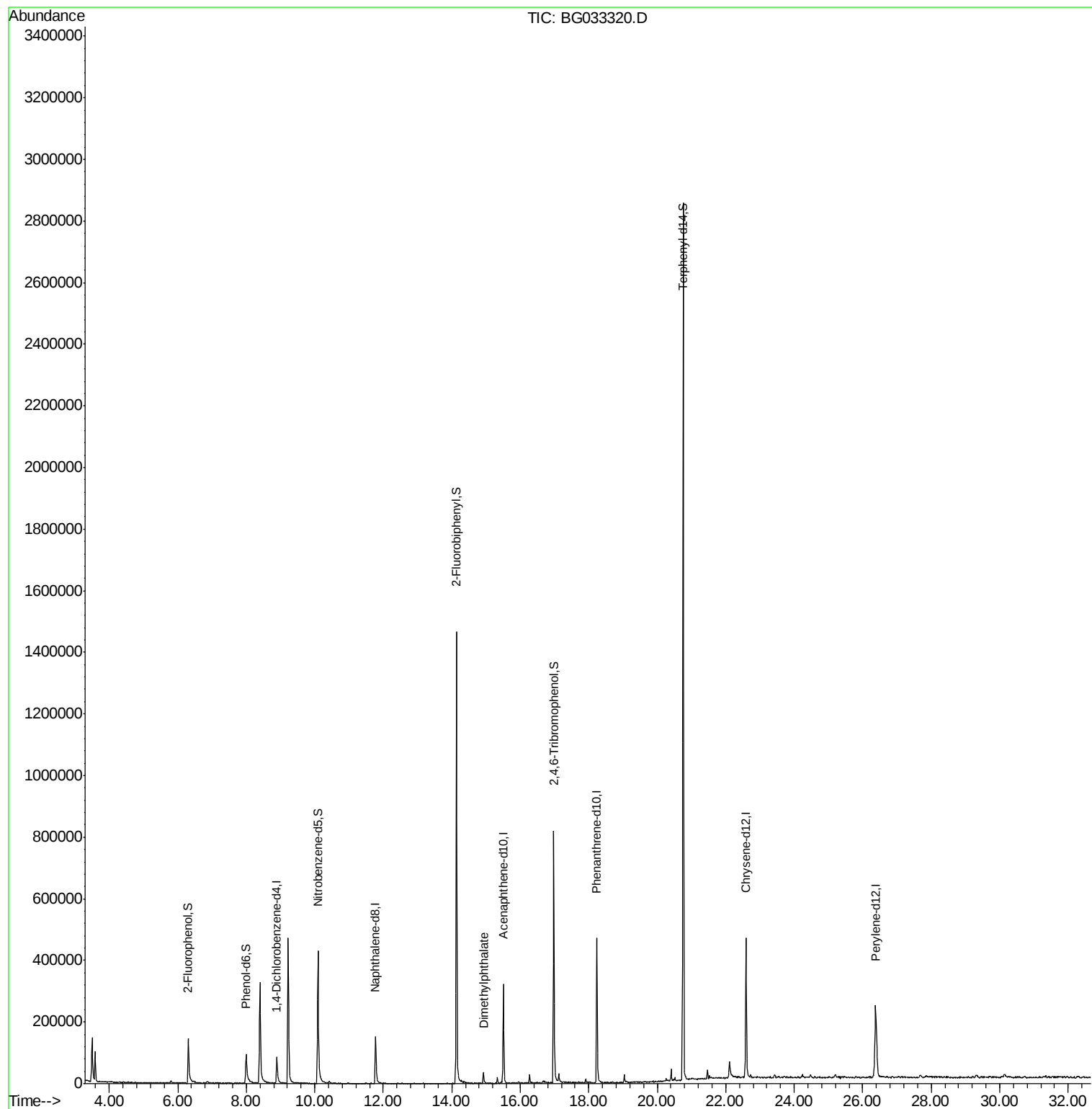
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34549	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	154066	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	126275	20.00	ng	0.00
63) Phenanthrene-d10	18.23	188	340445	20.00	ng	0.00
75) Chrysene-d12	22.59	240	333094	20.00	ng	0.00
86) Perylene-d12	26.38	264	341736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	80627	43.76	ng	0.00
7) Phenol-d6	7.99	99	86802	27.42	ng	0.00
23) Nitrobenzene-d5	10.09	82	316461	94.37	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	172445	91.31	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	829444	94.83	ng	0.00
78) Terphenyl-d14	20.75	244	1441486	92.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.93	163	23823	2.168	ng	Qvalue # 96

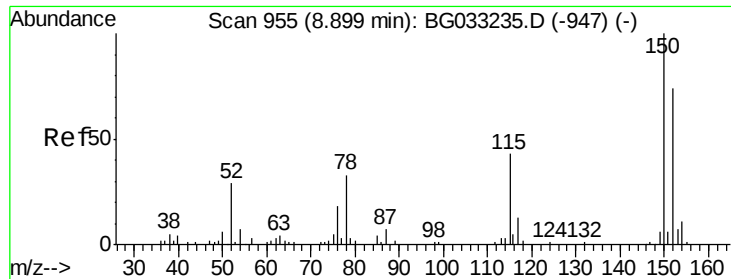
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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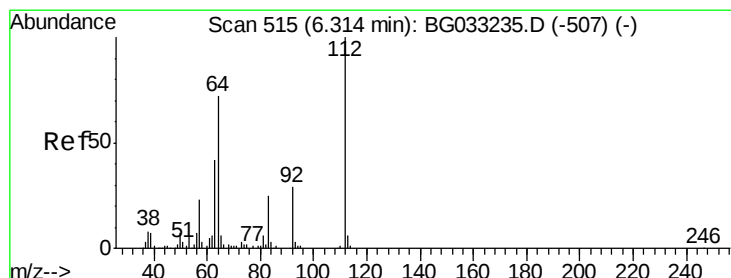
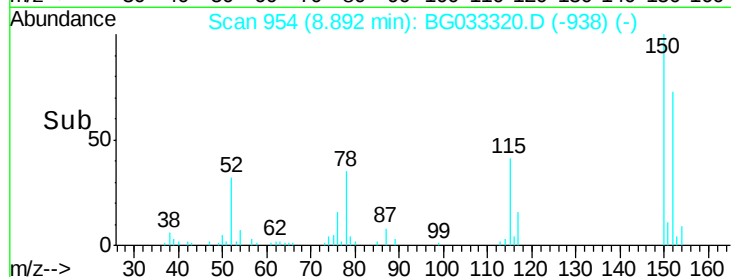
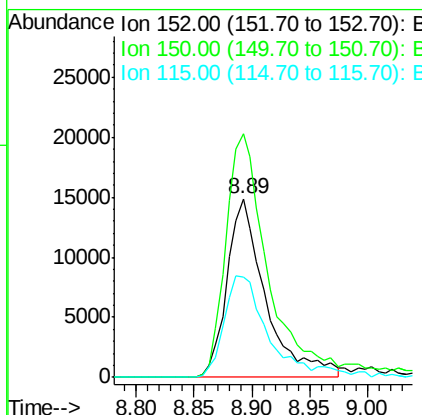
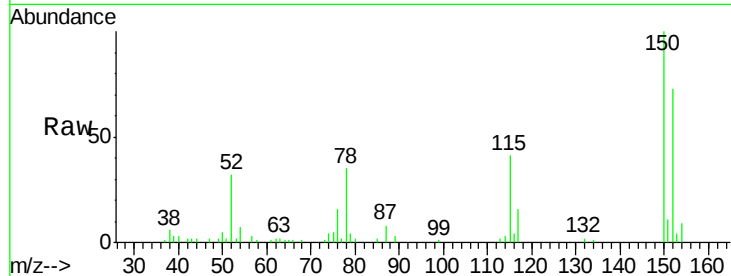


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033320.D
Acq: 23 Mar 2018 11:36

Instrument :
BNA_G
ClientSampleId :
031718-JETT-F-U-M

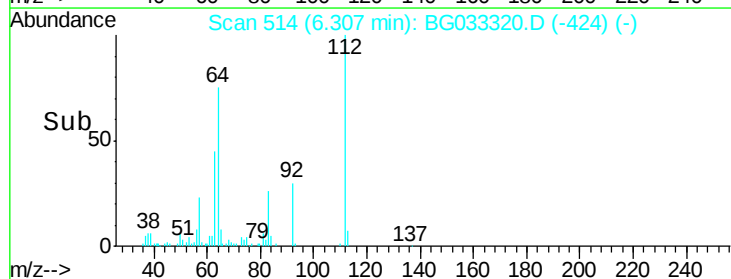
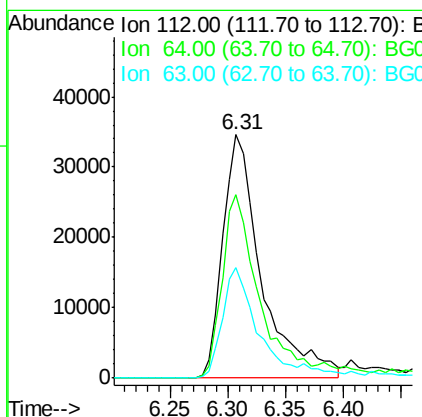
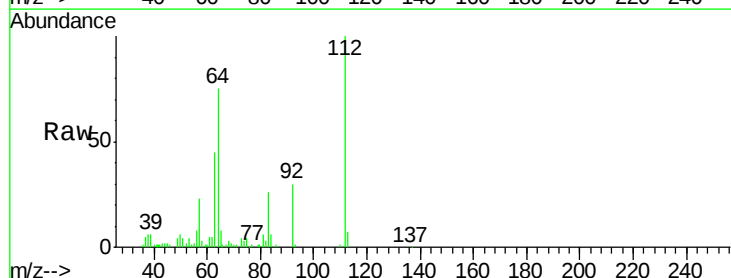
Tot Ion	Ratio	Lower	Upper
152	100		
150	136.4	126.6	189.8
115	56.2	53.0	79.4

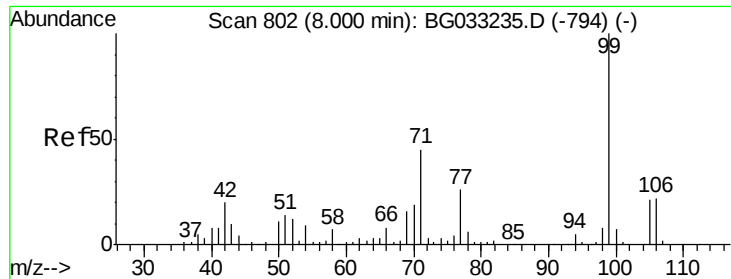


#5

2-Fluorophenol
Concen: 43.760 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033320.D
Acq: 23 Mar 2018 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	56.3	84.5
63	45.4	30.1	45.1





#7

Phenol-d6

Concen: 27.419 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-U-M

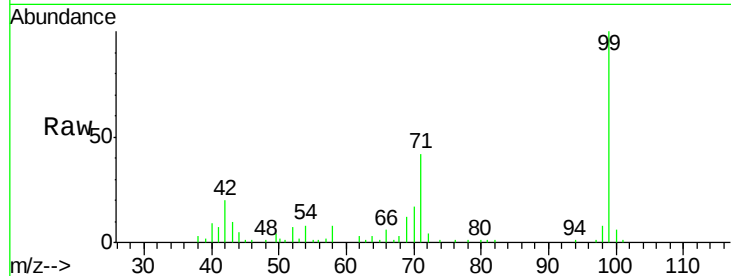
Tot Ion: 99 Resp: 86802

Ion Ratio Lower Upper

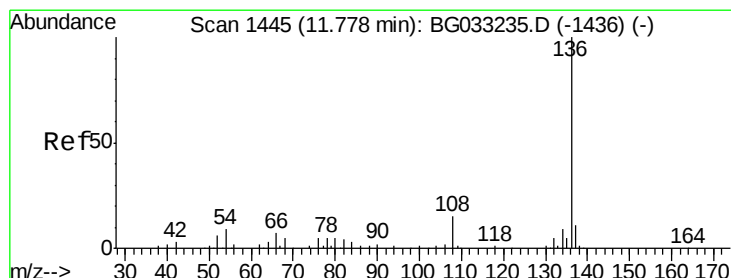
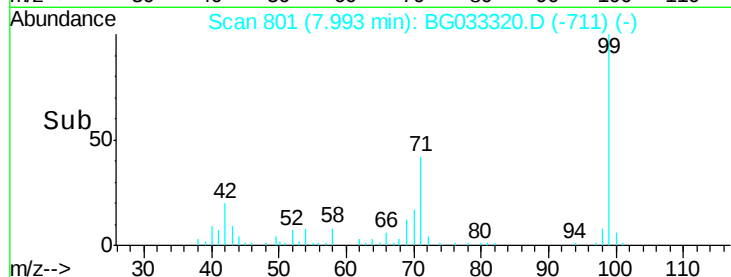
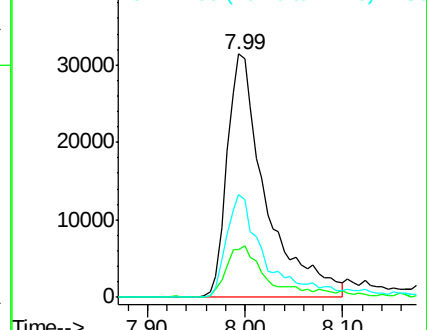
99 100

42 19.7 14.1 21.1

71 42.3 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: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

Tgt Ion: 136 Resp: 154066

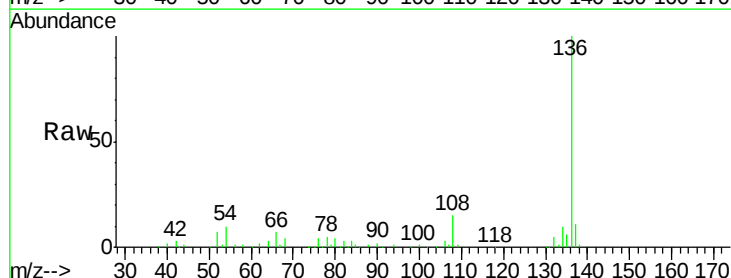
Ion Ratio Lower Upper

136 100

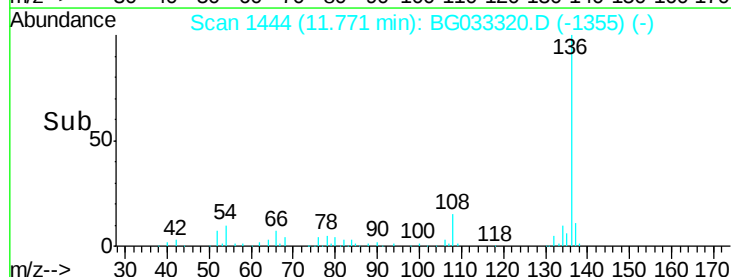
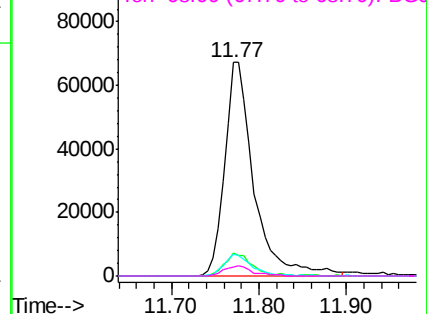
137 10.9 9.2 13.8

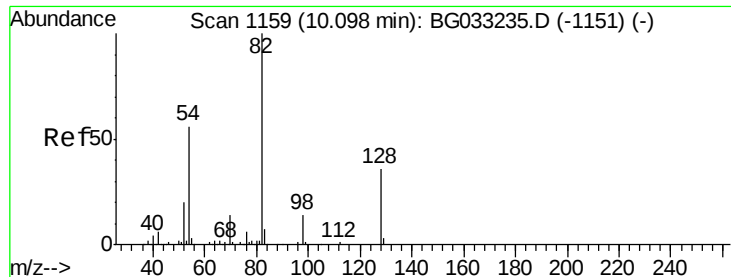
54 10.3 10.3 15.5#

68 4.2 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

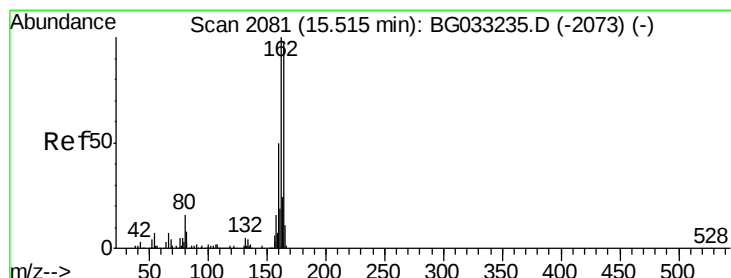
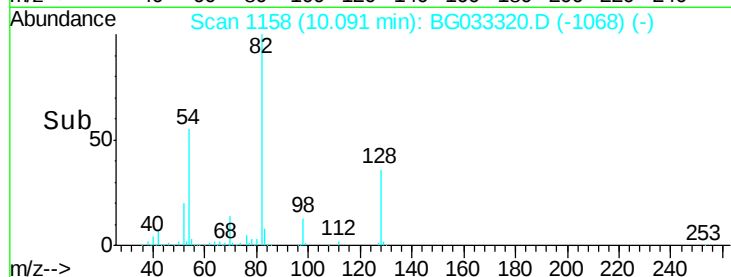
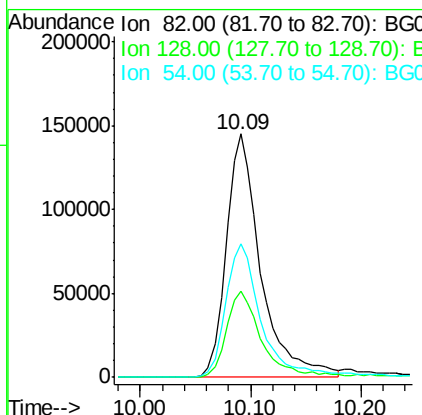
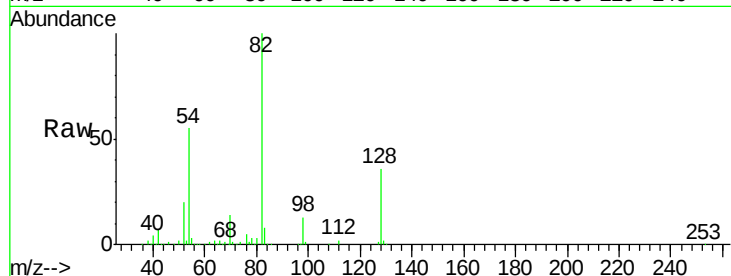




#23
Nitrobenzene-d5
Concen: 94.372 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033320.D
Acq: 23 Mar 2018 11:36

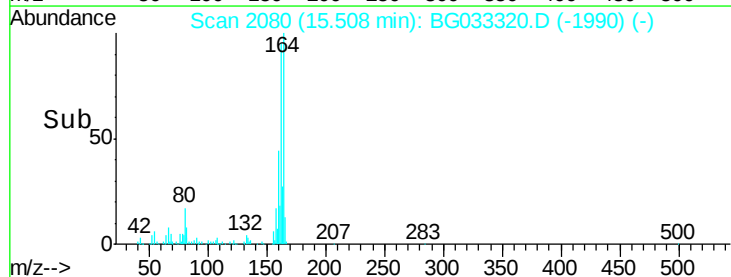
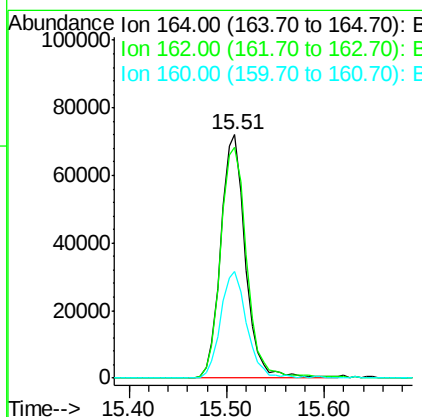
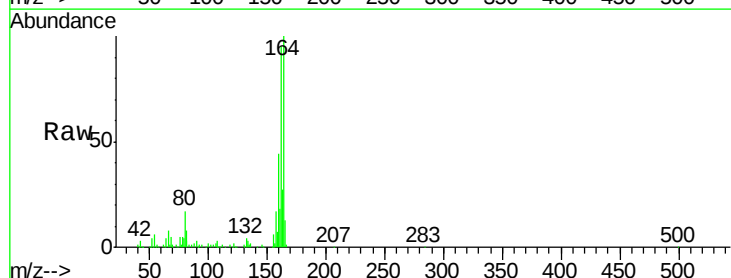
Instrument :
BNA_G
ClientSampleId :
031718-JETT-F-U-M

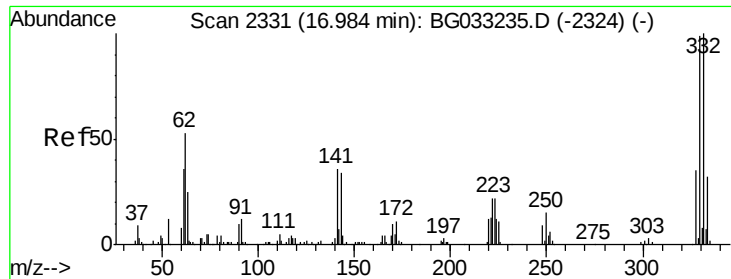
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	54.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033320.D
Acq: 23 Mar 2018 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.8	118.2
160	43.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 91.309 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-U-M

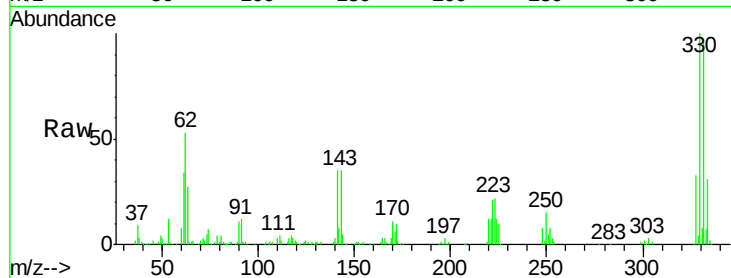
Tot Ion:330 Resp: 172445

Ion Ratio Lower Upper

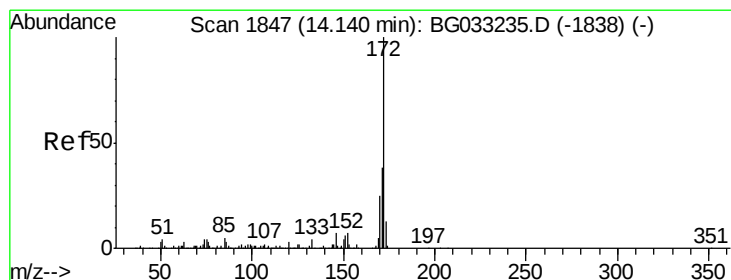
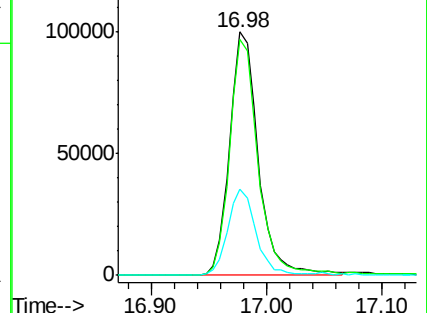
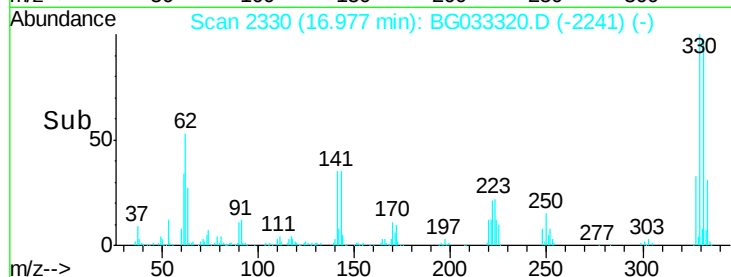
330 100

332 95.7 77.0 115.6

141 34.5 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: 94.826 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

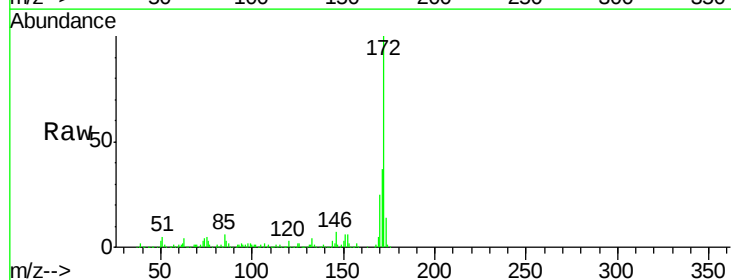
Tgt Ion:172 Resp: 829444

Ion Ratio Lower Upper

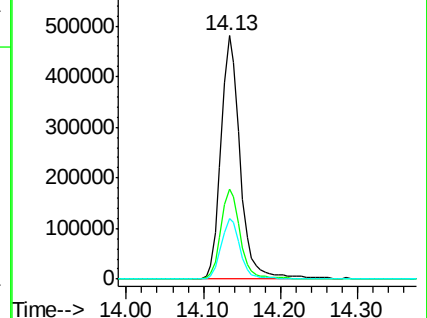
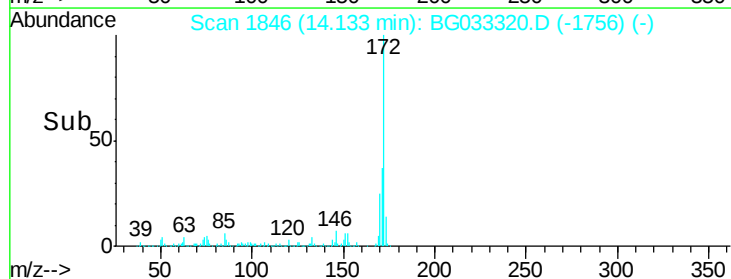
172 100

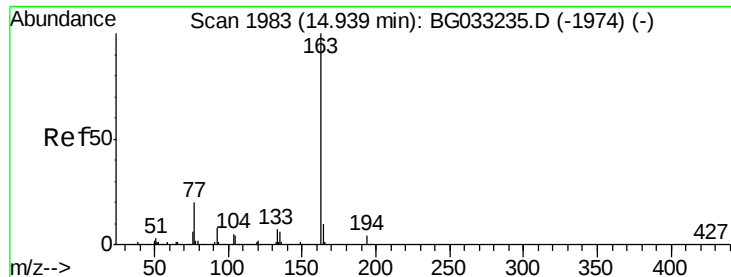
171 37.1 30.0 45.0

170 24.7 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





#49

Dimethylphthalate

Concen: 2.168 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-U-M

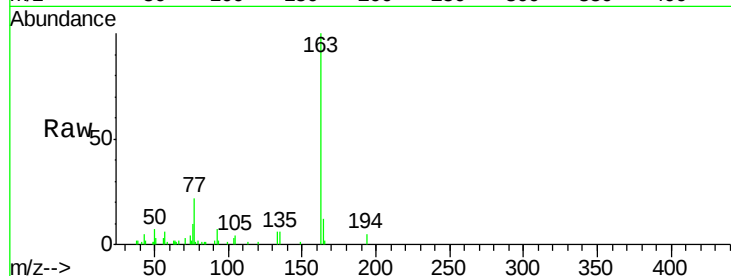
Tot Ion:163 Resp: 23823

Ion Ratio Lower Upper

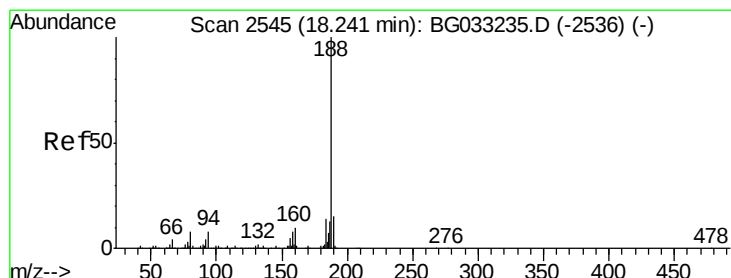
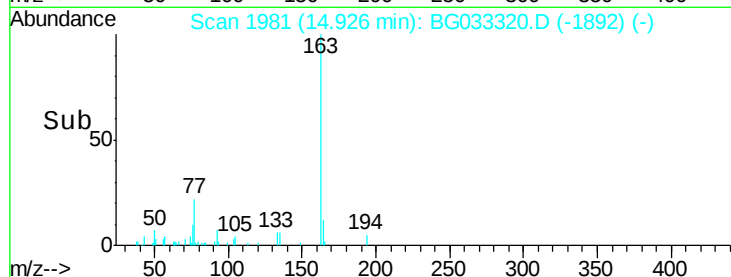
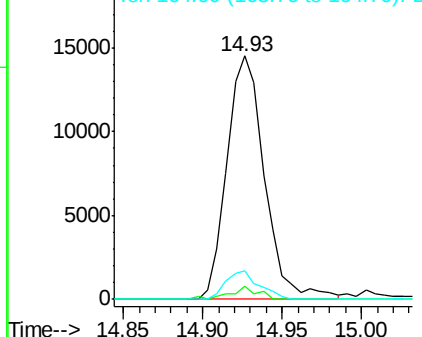
163 100

194 5.4 3.4 5.2#

164 11.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.23 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

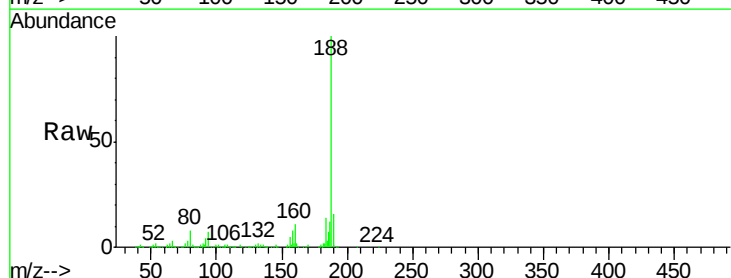
Tgt Ion:188 Resp: 340445

Ion Ratio Lower Upper

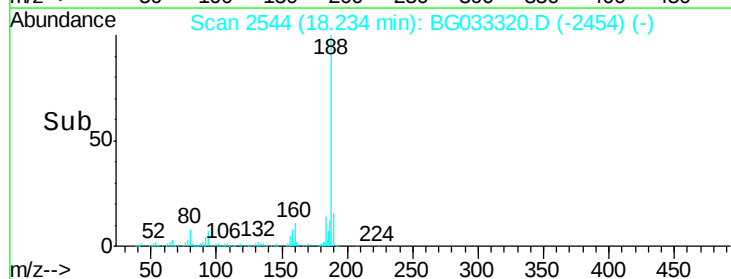
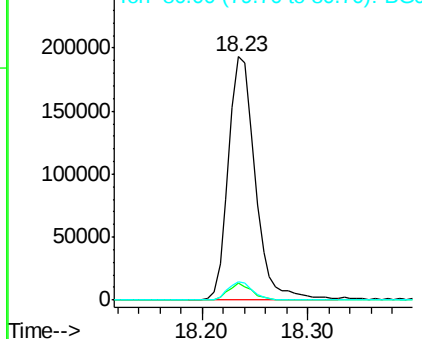
188 100

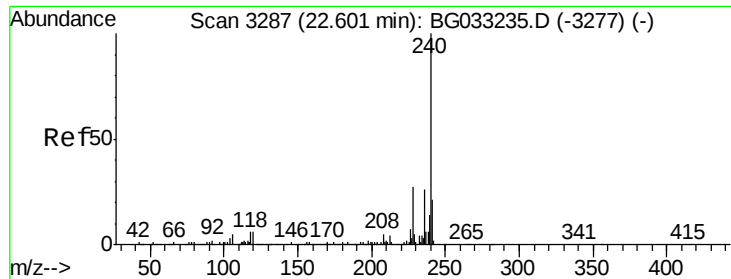
94 7.0 6.9 10.3

80 7.6 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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

Instrument :

BNA_G

ClientSampleId :

031718-JETT-F-U-M

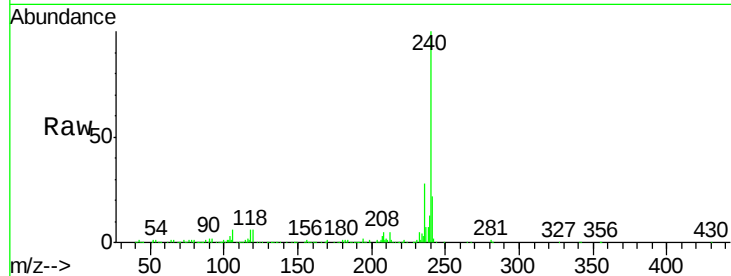
Tot Ion:240 Resp: 333094

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

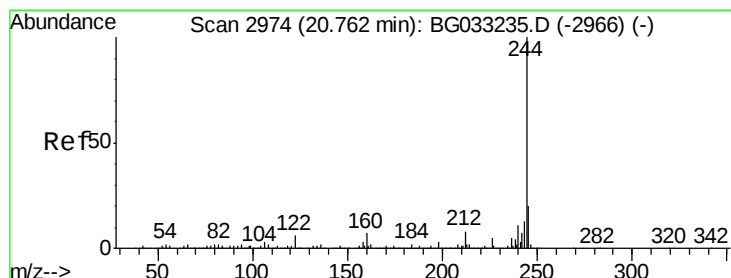
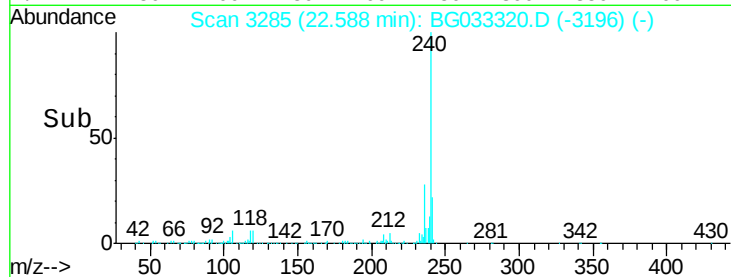
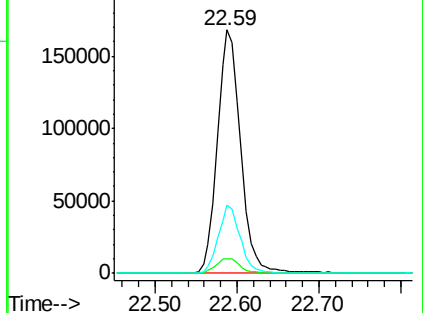
236 27.8 20.9 31.3



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: 92.550 ng

RT: 20.75 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033320.D

Acq: 23 Mar 2018 11:36

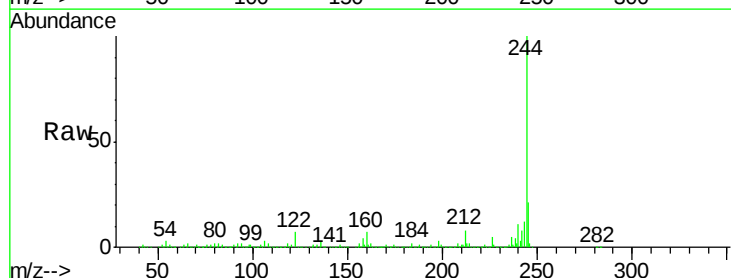
Tgt Ion:244 Resp: 1441486

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

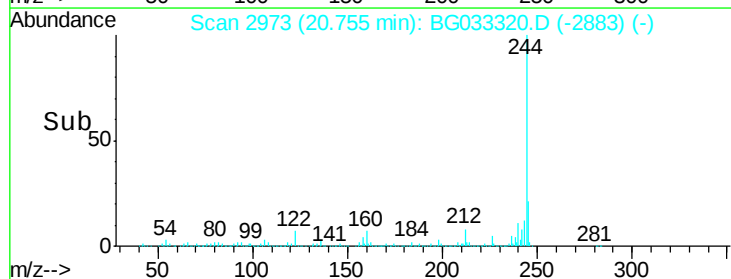
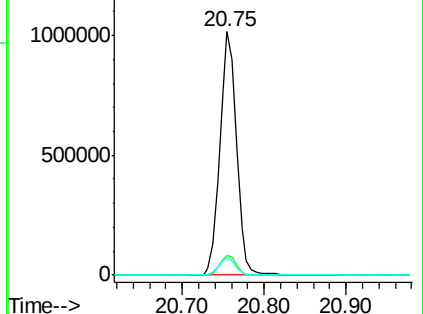
122 7.0 7.0 10.4

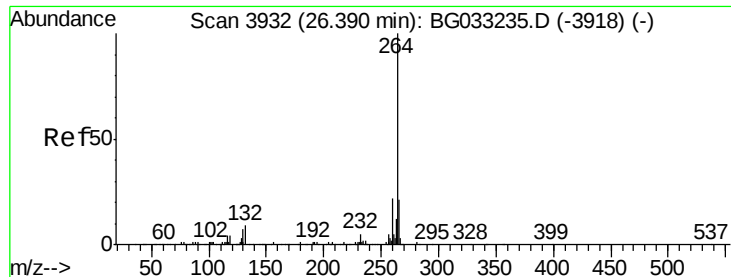


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.38 min Scan# 3930
 Delta R.T. -0.01 min
 Lab File: BG033320.D
 Acq: 23 Mar 2018 11:36

Instrument :
 BNA_G
 ClientSampleId :
 031718-JETT-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.0	17.7	26.5

