

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033797.D
 Acq On : 13 Apr 2018 15:33
 Operator : SJ/JU
 Sample : J2152-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-041218

Quant Time: Apr 14 01:17:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	25708	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110408	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	84757	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	256465	20.00	ng	0.00
75) Chrysene-d12	22.55	240	282772	20.00	ng	0.00
86) Perylene-d12	26.32	264	219763	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	227648	166.04	ng	0.02
7) Phenol-d6	8.00	99	292271	124.07	ng	0.03
23) Nitrobenzene-d5	10.06	82	247337	102.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	215969	170.37	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	628746	107.09	ng	0.00
78) Terphenyl-d14	20.73	244	1533631	115.99	ng	0.00

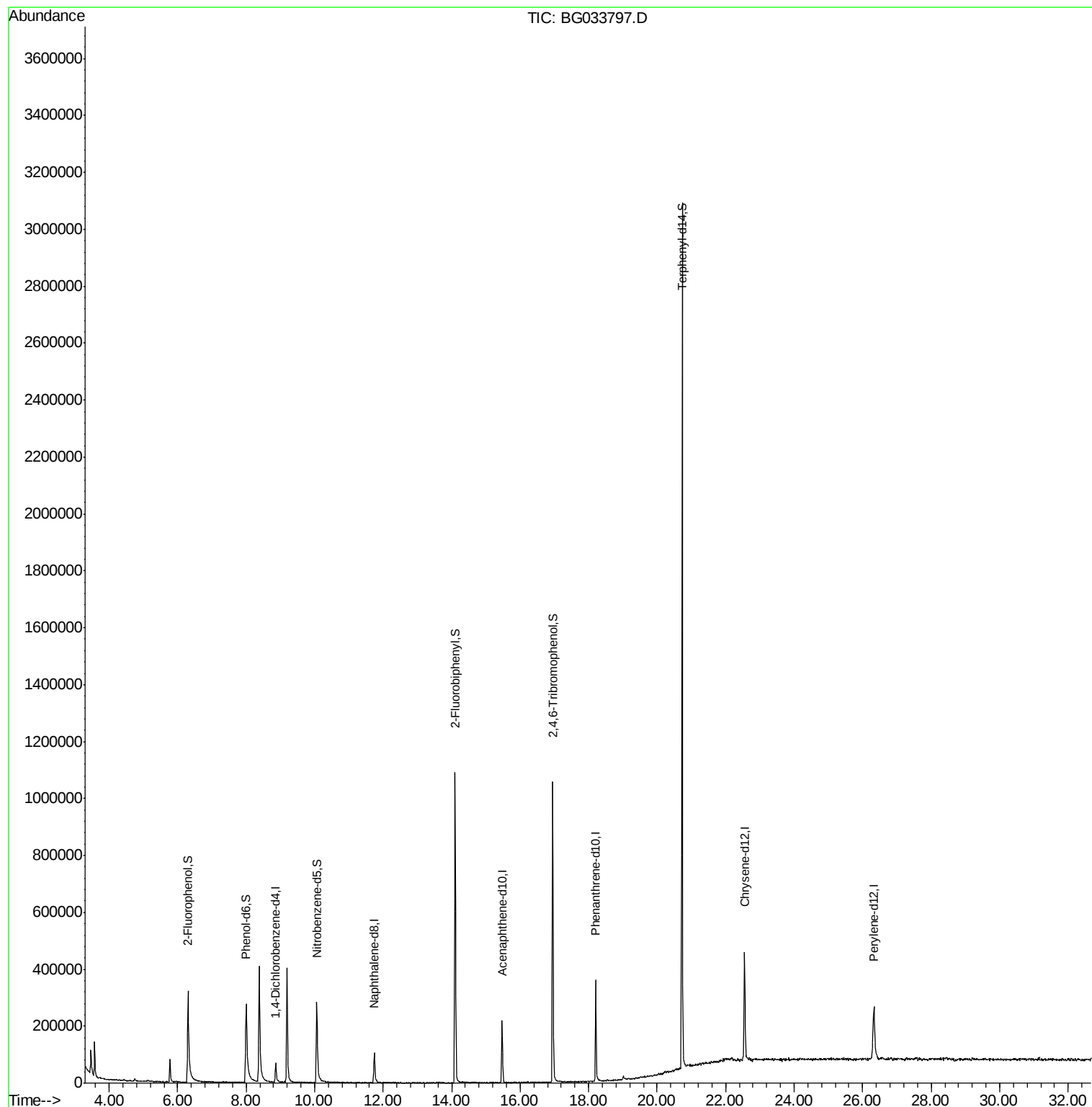
Target Compounds Qvalue

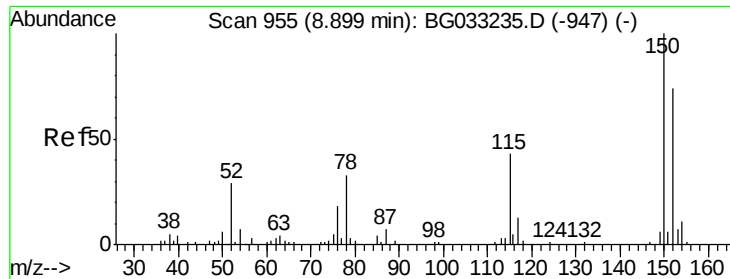
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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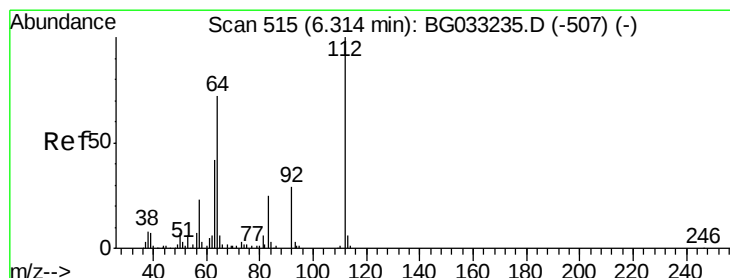
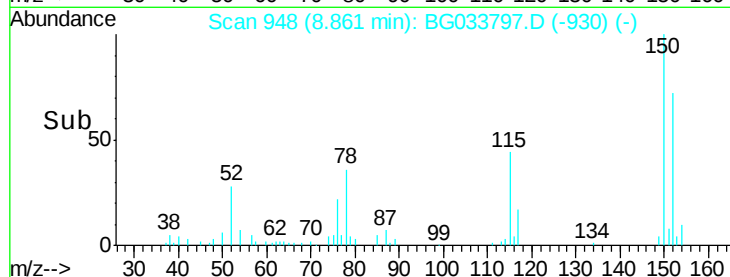
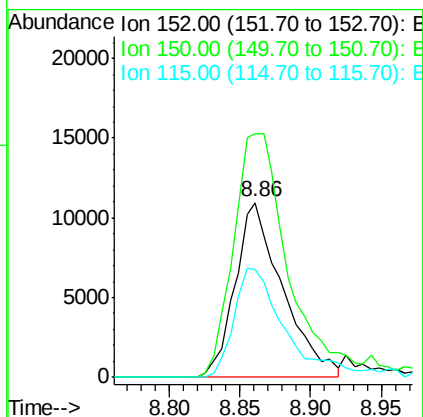
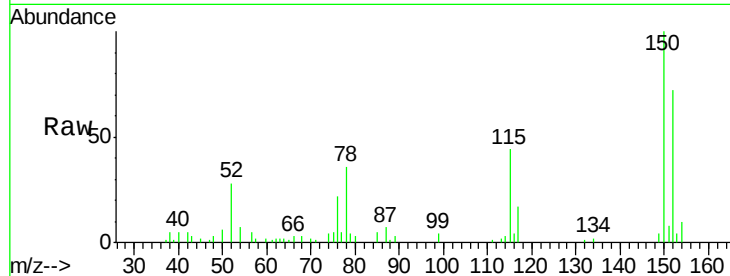


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033797.D
Acq: 13 Apr 2018 15:33

Instrument :
BNA_G
ClientSampleId :
BU-01-041218

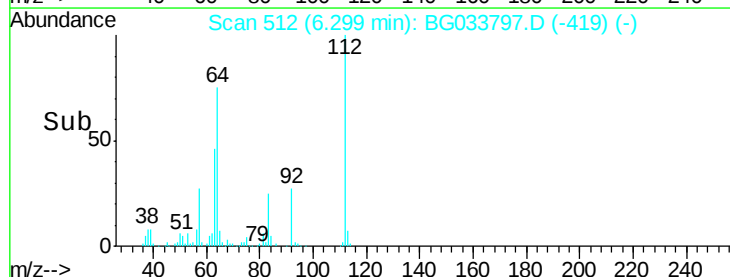
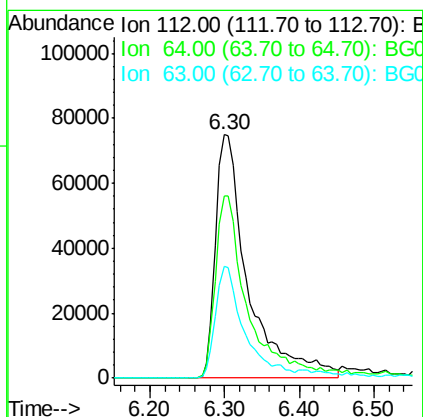
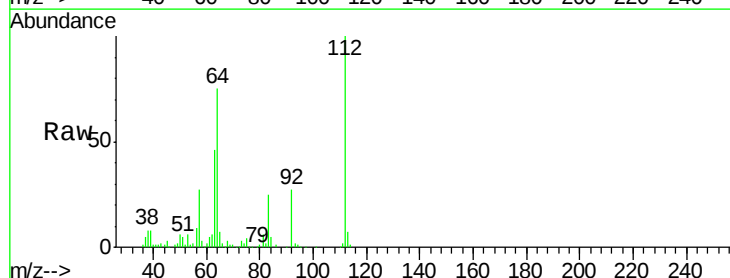
Tot Ion:152 Resp: 25708
Ion Ratio Lower Upper
152 100
150 139.1 126.6 189.8
115 61.5 53.0 79.4

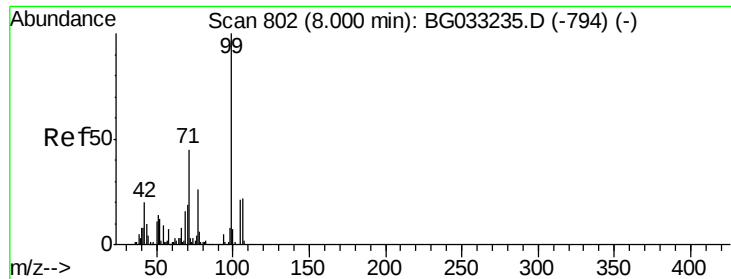


#5

2-Fluorophenol
Concen: 166.045 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.02 min
Lab File: BG033797.D
Acq: 13 Apr 2018 15:33

Tgt Ion:112 Resp: 227648
Ion Ratio Lower Upper
112 100
64 74.8 56.3 84.5
63 46.1 30.1 45.1#





#7

Phenol-d6

Concen: 124.071 ng

RT: 8.00 min Scan# 801

Delta R.T. 0.03 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

BU-01-041218

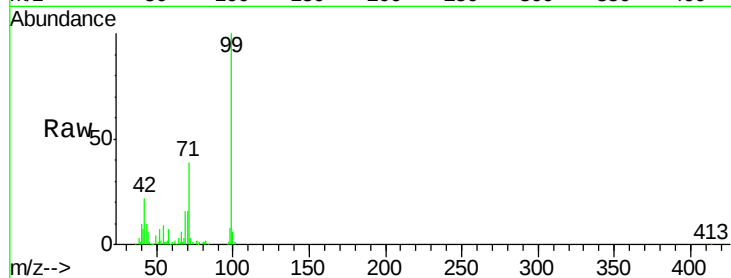
Tot Ion: 99 Resp: 292271

Ion Ratio Lower Upper

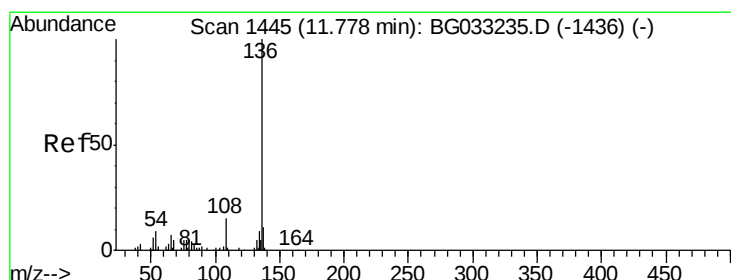
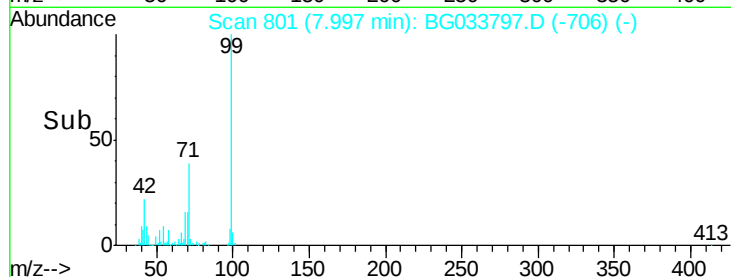
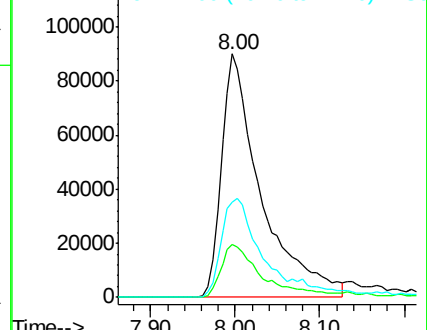
99 100

42 22.0 14.1 21.1#

71 39.0 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Tgt Ion: 136 Resp: 110408

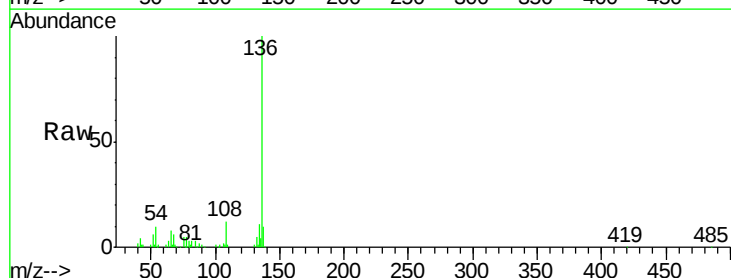
Ion Ratio Lower Upper

136 100

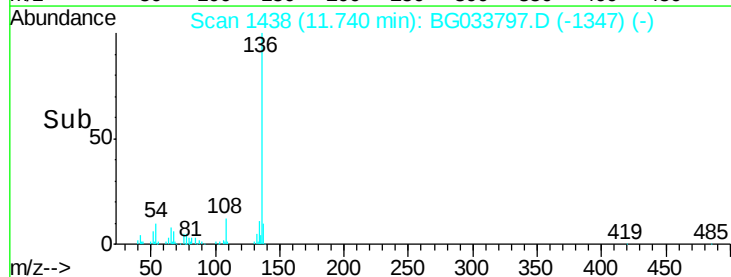
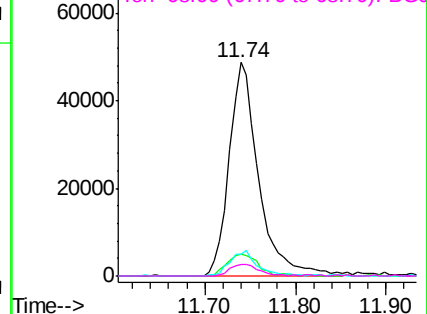
137 10.3 9.2 13.8

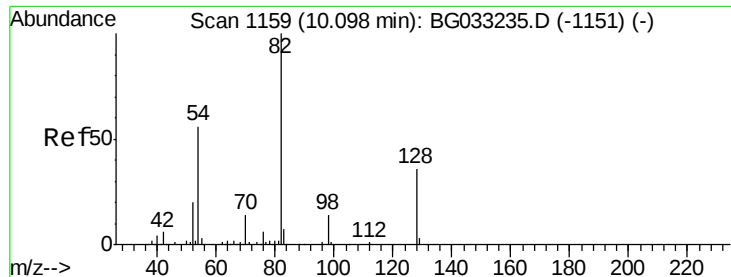
54 10.2 10.3 15.5#

68 6.3 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: 102.924 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

BU-01-041218

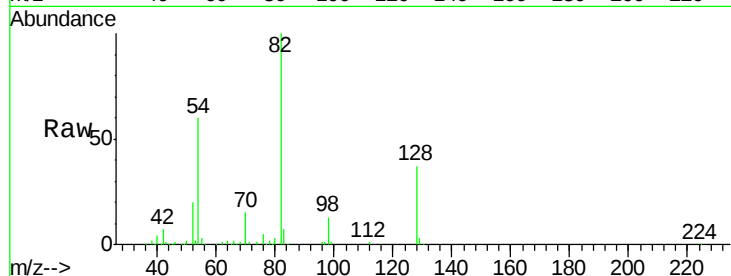
Tot Ion: 82 Resp: 247337

Ion Ratio Lower Upper

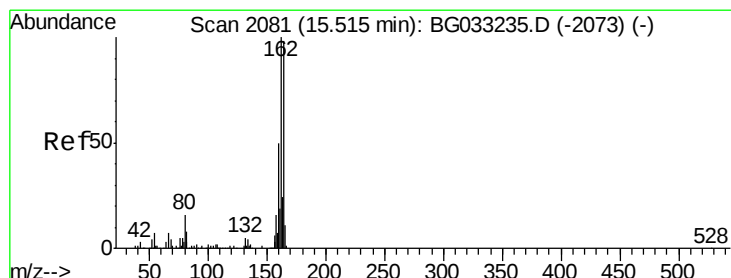
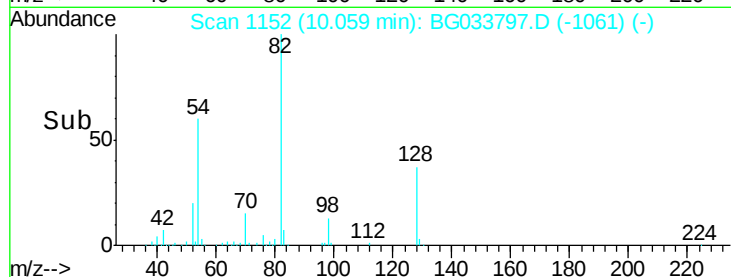
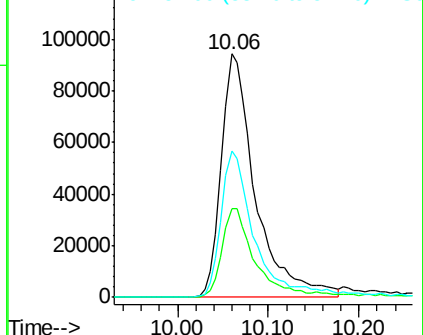
82 100

128 36.7 29.7 44.5

54 60.3 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: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

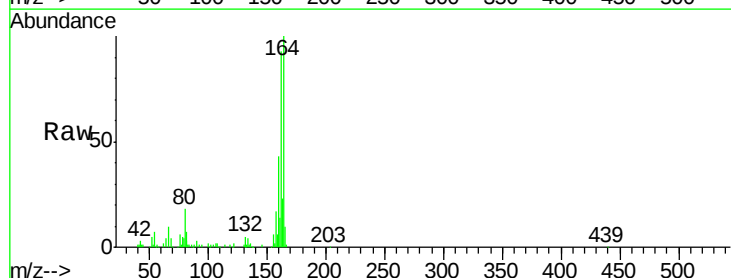
Tgt Ion:164 Resp: 84757

Ion Ratio Lower Upper

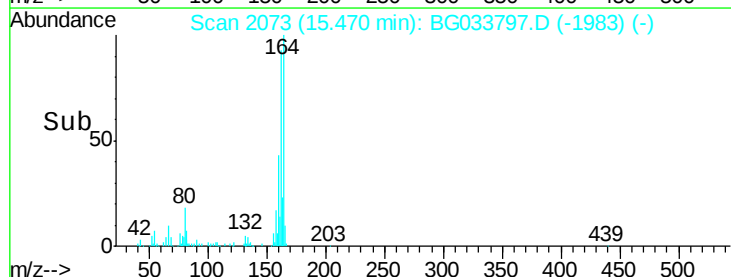
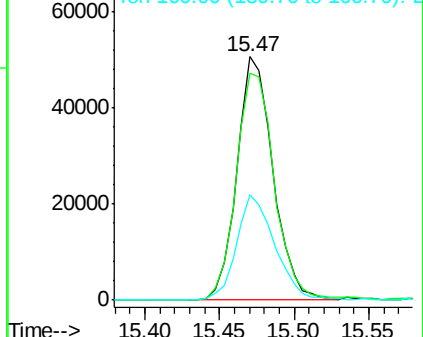
164 100

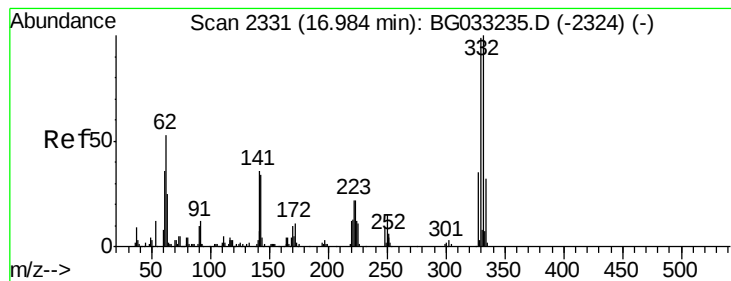
162 93.1 78.8 118.2

160 43.3 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: 170.371 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

BU-01-041218

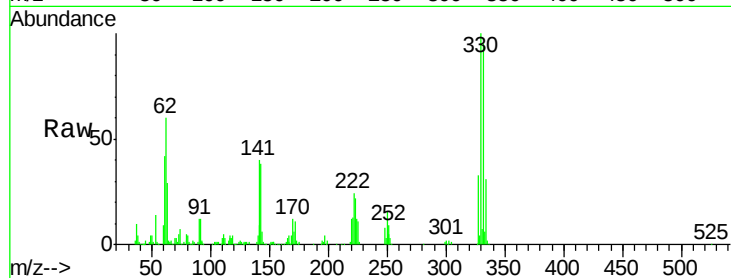
Tot Ion:330 Resp: 215969

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

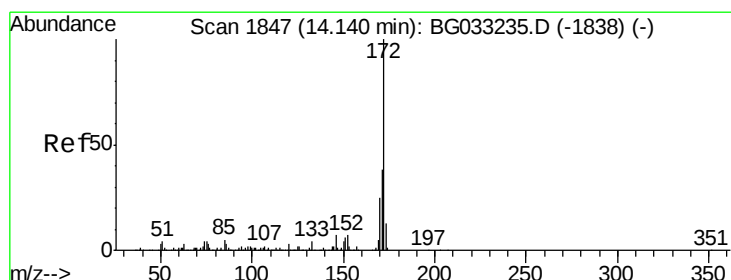
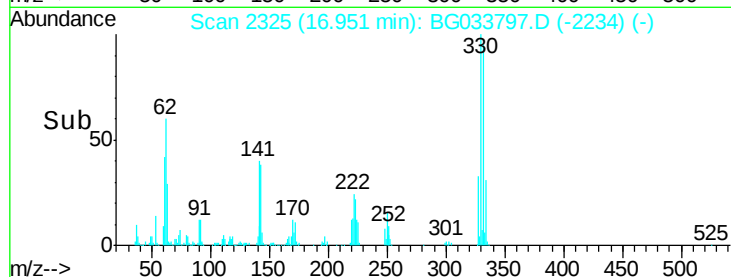
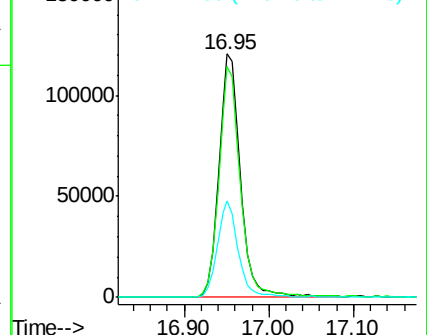
141 38.5 25.2 37.8#



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: 107.092 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

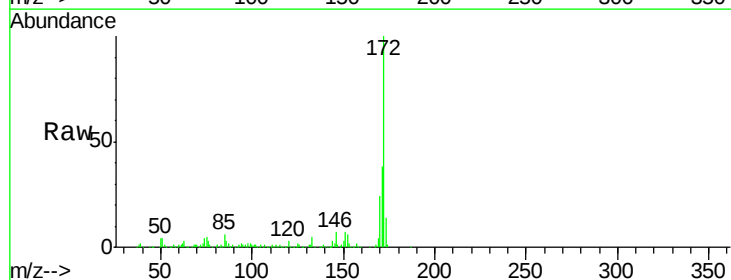
Tgt Ion:172 Resp: 628746

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

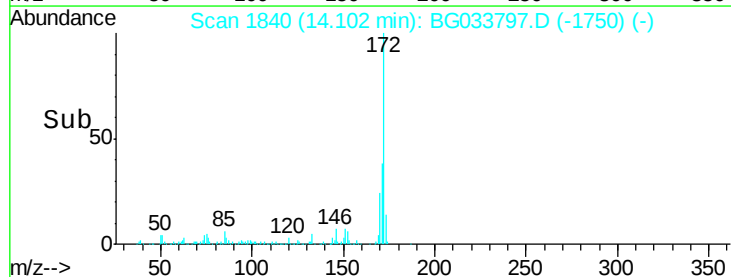
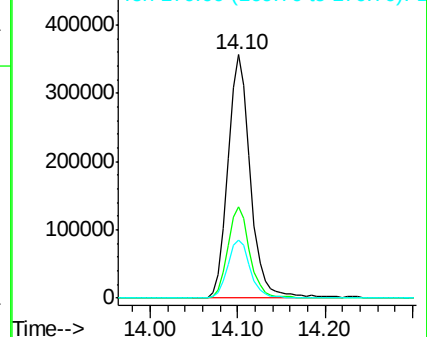
170 23.9 19.5 29.3



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: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

Instrument :

BNA_G

ClientSampleId :

BU-01-041218

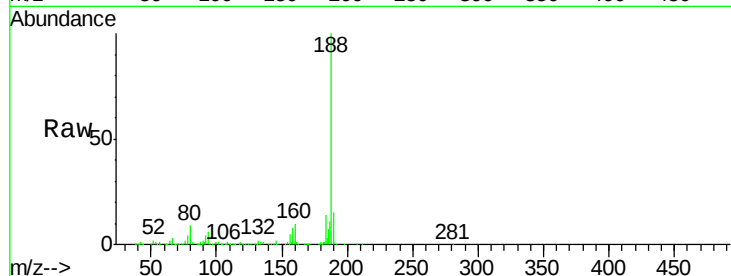
Tot Ion:188 Resp: 256465

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

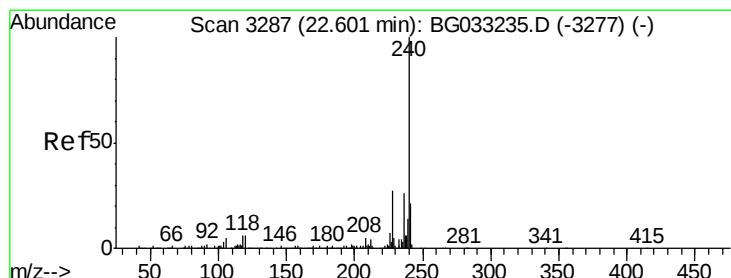
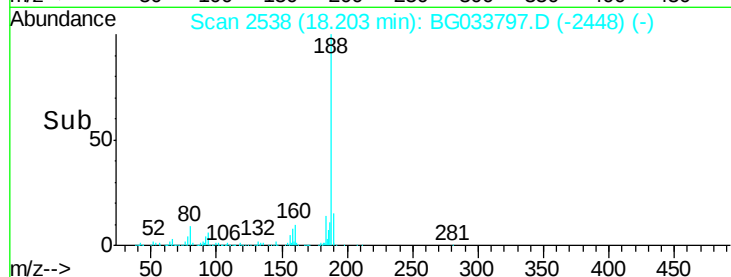
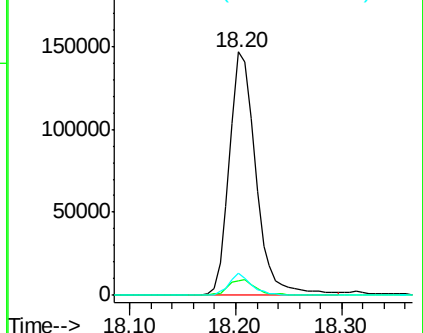
80 9.2 7.7 11.5



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# 3278

Delta R.T. -0.00 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

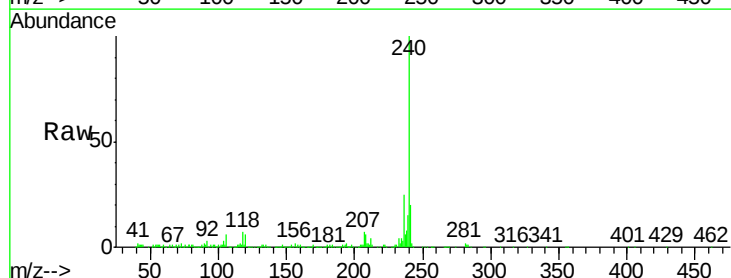
Tgt Ion:240 Resp: 282772

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

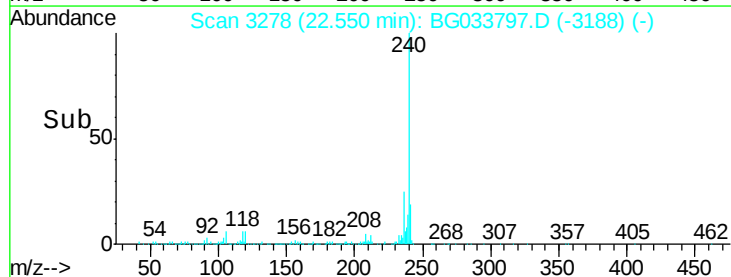
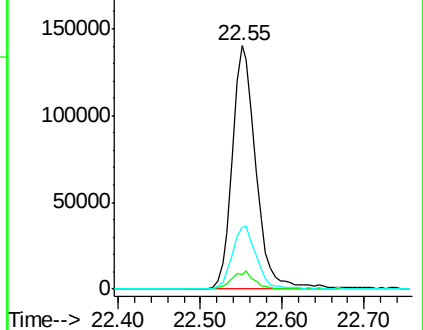
236 25.4 20.9 31.3

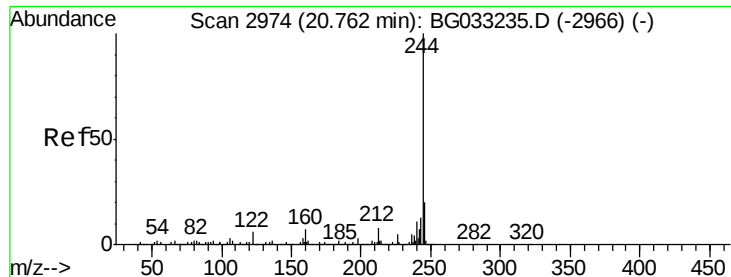


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 115.989 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033797.D

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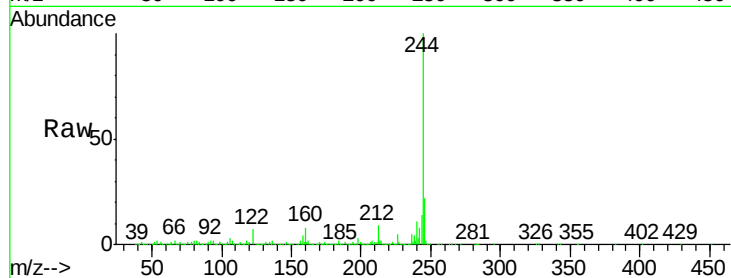
Tot Ion:244 Resp: 1533631

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

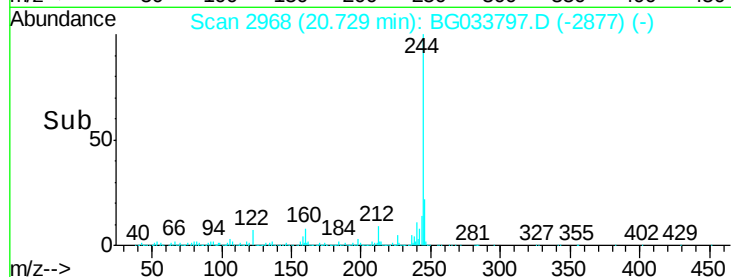
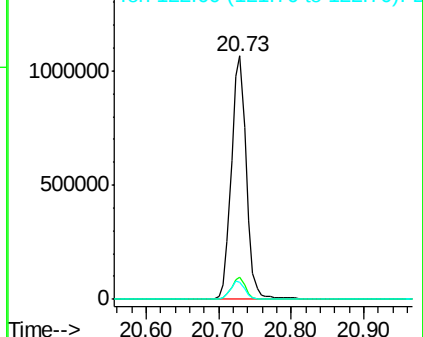
122 7.1 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. 0.02 min

Lab File: BG033797.D

Acq: 13 Apr 2018 15:33

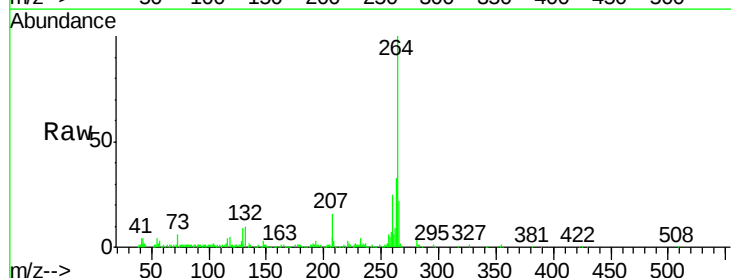
Tgt Ion:264 Resp: 219763

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 22.3 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

