

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032773.D
 Acq On : 22 Feb 2018 1:00
 Operator : SJ/JU
 Sample : J1622-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MAD-SUB-TRENCH

Quant Time: Feb 22 07:27:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.95	152	72441	20.00	ng	0.00
21) Naphthalene-d8	11.83	136	309871	20.00	ng	0.00
38) Acenaphthene-d10	15.55	164	169671	20.00	ng	0.00
63) Phenanthrene-d10	18.28	188	397363	20.00	ng	0.00
75) Chrysene-d12	22.64	240	385233	20.00	ng	0.00
86) Perylene-d12	26.47	264	409977	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.36	112	569204	125.71	ng	0.02
7) Phenol-d6	8.04	99	669536	106.08	ng	0.01
23) Nitrobenzene-d5	10.14	82	473104	103.51	ng	0.00
41) 2,4,6-Tribromophenol	17.02	330	280268	157.10	ng	0.00
44) 2-Fluorobiphenyl	14.19	172	1063187	90.37	ng	0.00
78) Terphenyl-d14	20.80	244	1616891	94.30	ng	0.00

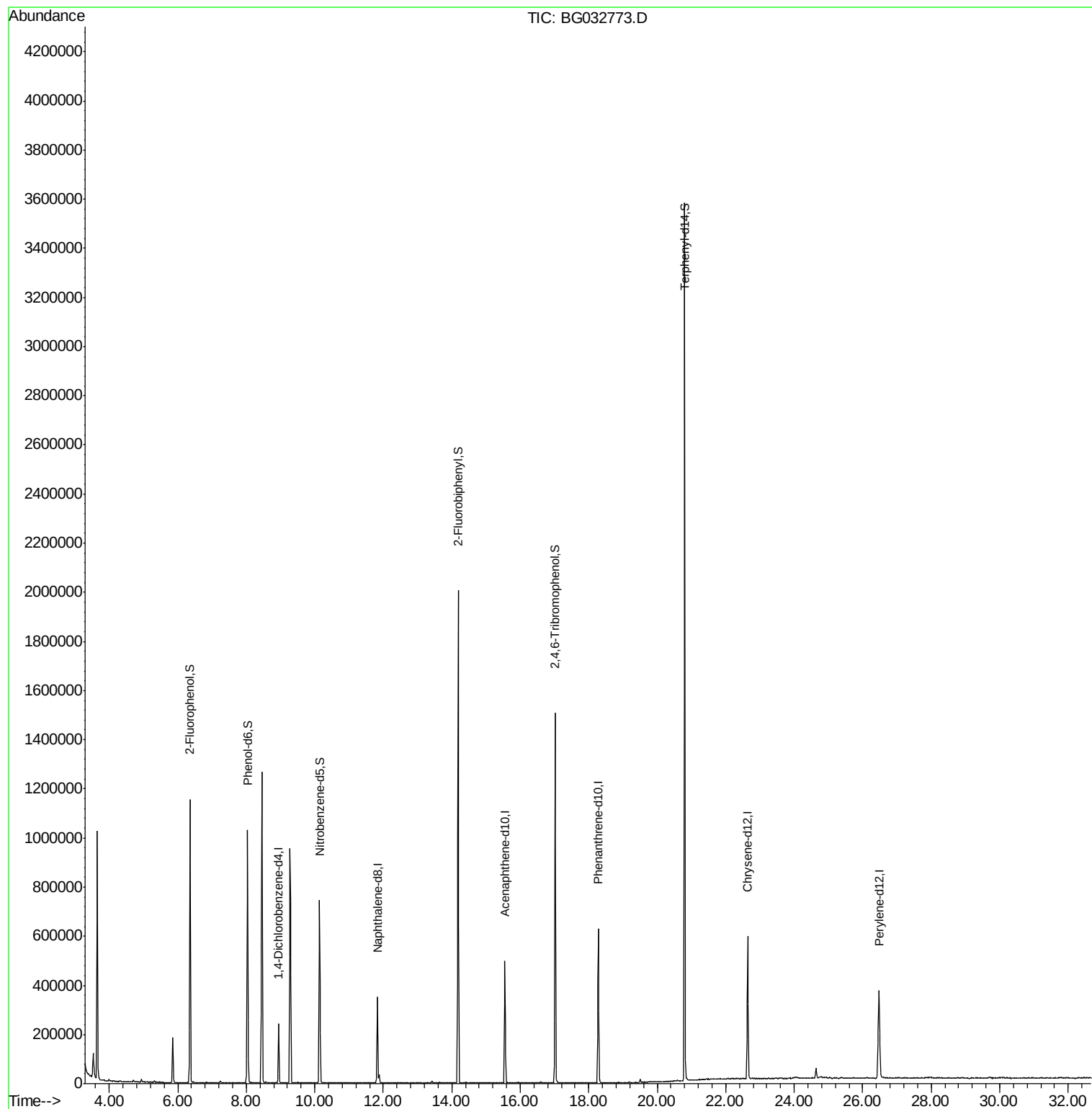
Target Compounds Qvalue

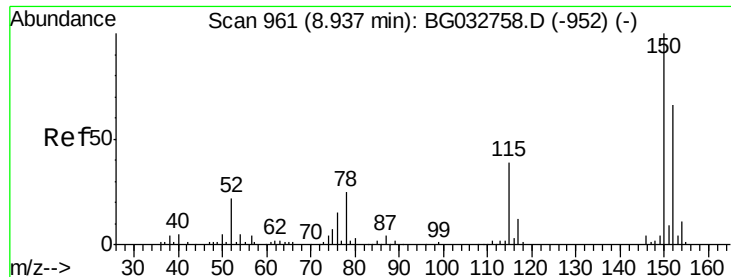
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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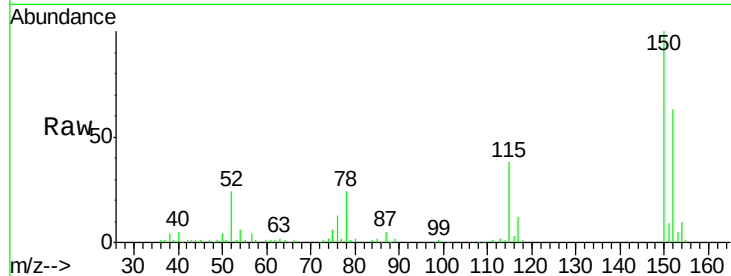


#1

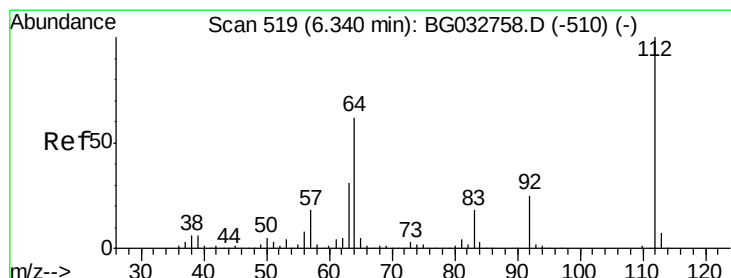
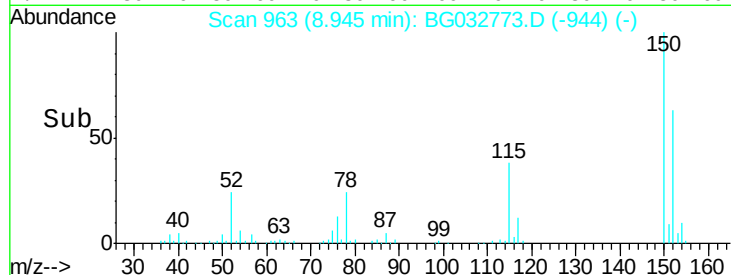
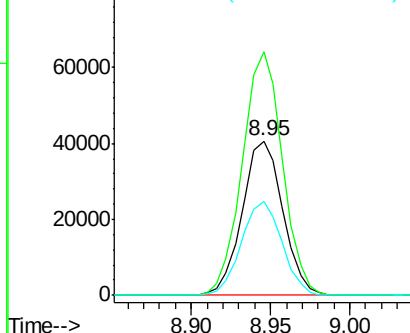
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.95 min Scan# 963
Delta R.T. 0.01 min
Lab File: BG032773.D
Acq: 22 Feb 2018 1:00

Instrument :
BNA_G
ClientSampleId :
MAD-SUB-TRENCH

Tot Ion:152 Resp: 72441
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 60.6 53.0 79.4



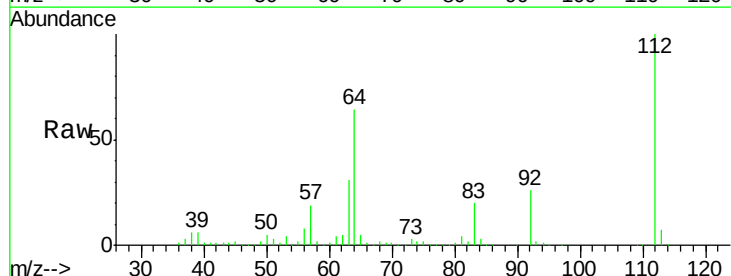
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



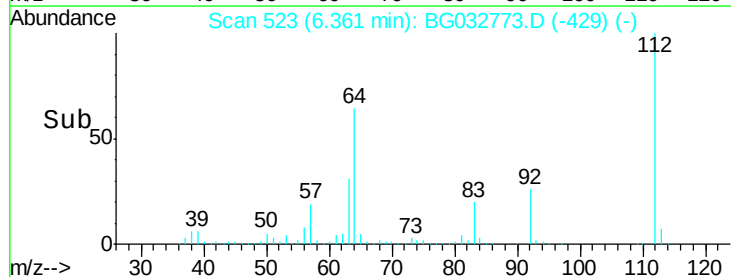
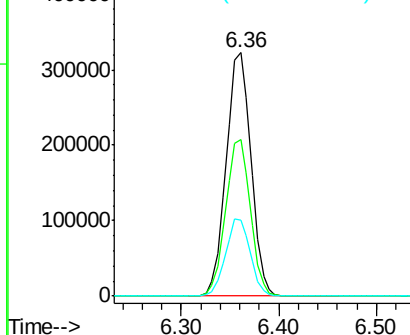
#5

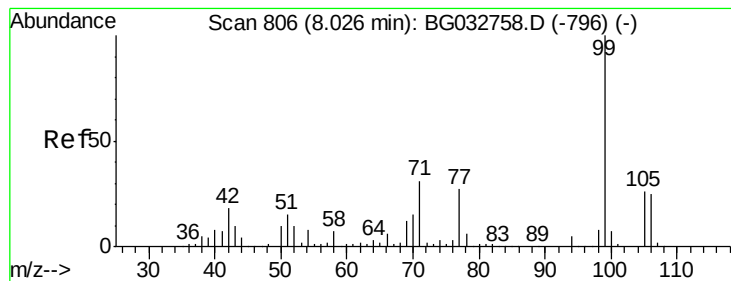
2-Fluorophenol
Concen: 125.708 ng
RT: 6.36 min Scan# 523
Delta R.T. 0.02 min
Lab File: BG032773.D
Acq: 22 Feb 2018 1:00

Tgt Ion:112 Resp: 569204
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 31.2 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: 106.084 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.01 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

Instrument :

BNA_G

ClientSampleId :

MAD-SUB-TRENCH

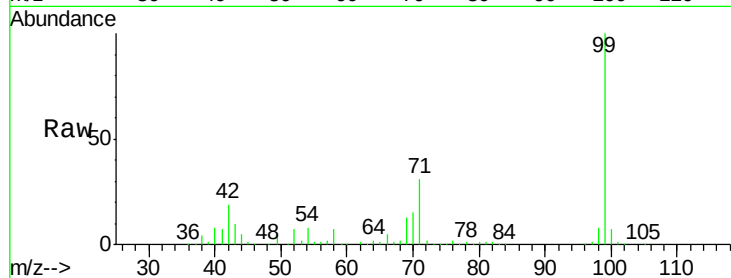
Tot Ion: 99 Resp: 669536

Ion Ratio Lower Upper

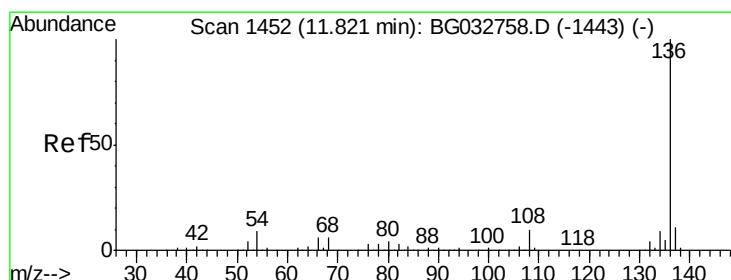
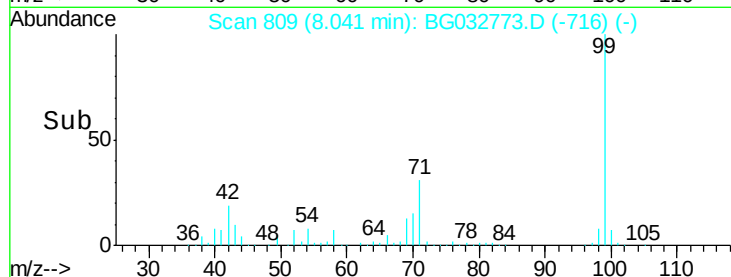
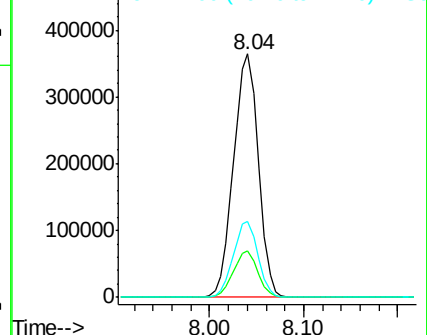
99 100

42 19.1 14.1 21.1

71 31.3 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: 11.83 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

Tgt Ion: 136 Resp: 309871

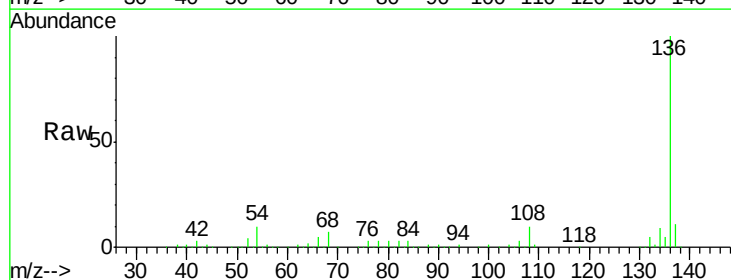
Ion Ratio Lower Upper

136 100

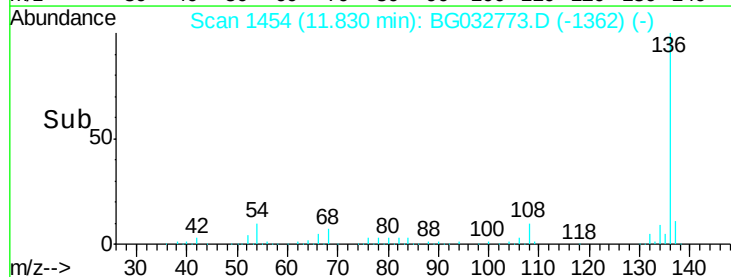
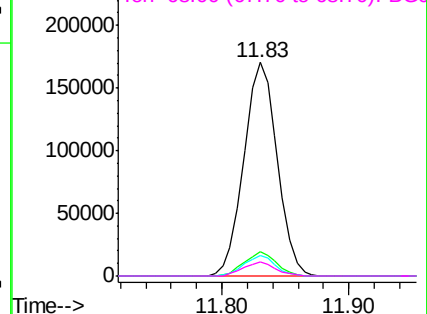
137 11.3 9.2 13.8

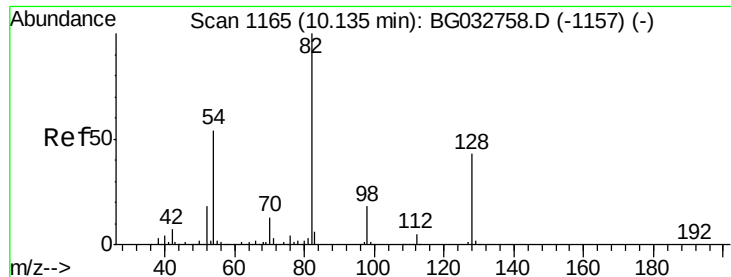
54 9.6 10.3 15.5#

68 6.7 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: 103.508 ng

RT: 10.14 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

Instrument :

BNA_G

ClientSampleId :

MAD-SUB-TRENCH

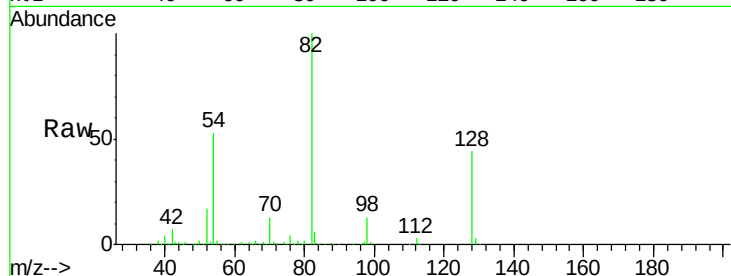
Tot Ion: 82 Resp: 473104

Ion Ratio Lower Upper

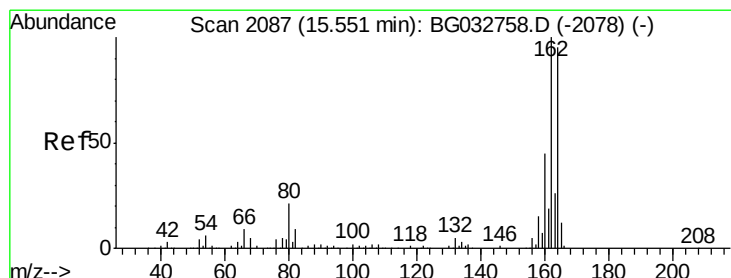
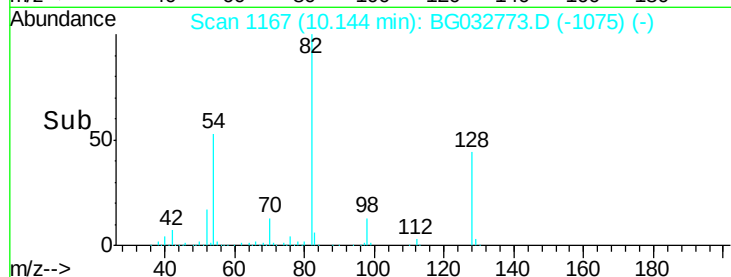
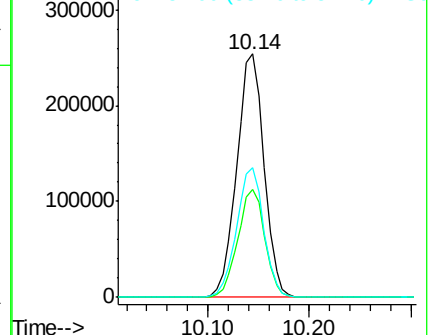
82 100

128 44.1 29.7 44.5

54 53.0 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: 15.55 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

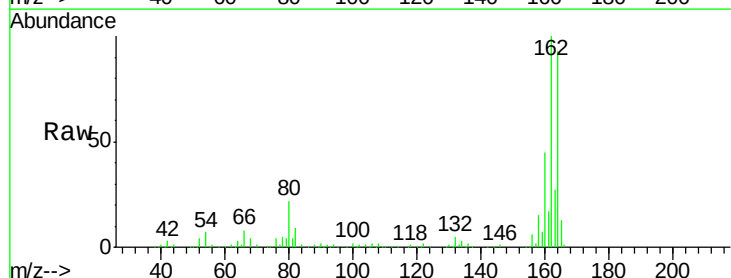
Tgt Ion:164 Resp: 169671

Ion Ratio Lower Upper

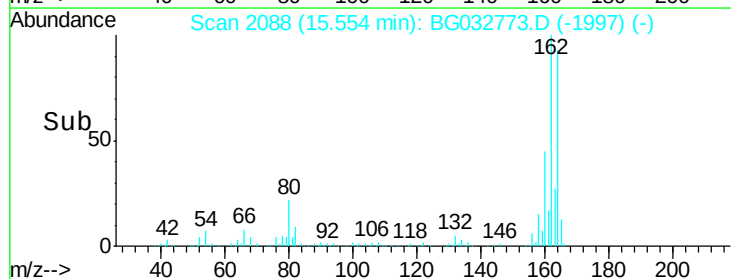
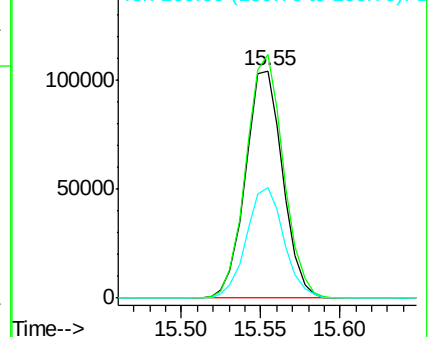
164 100

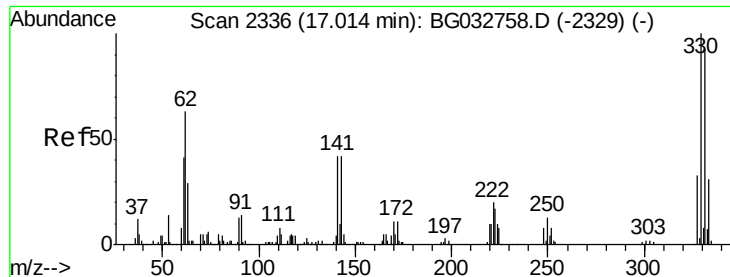
162 107.0 78.8 118.2

160 48.3 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

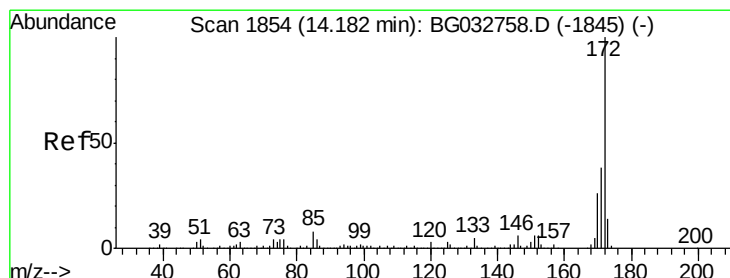
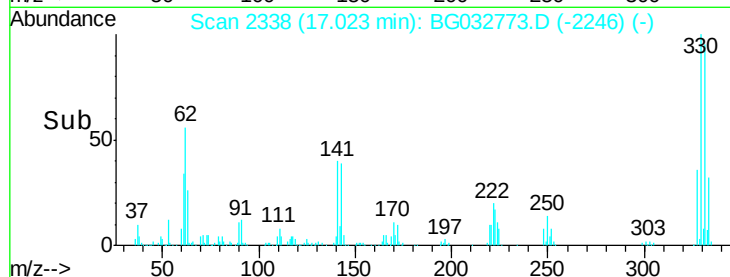
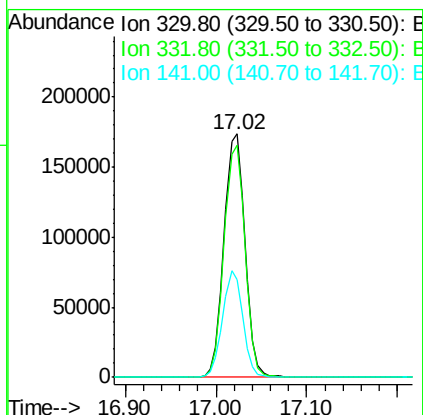
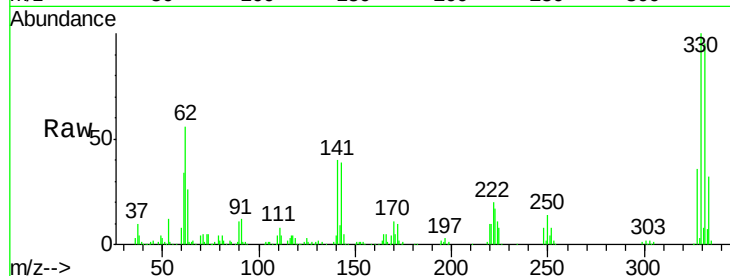




#41
 2,4,6-Tribromophenol
 Concen: 157.098 ng
 RT: 17.02 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: BG032773.D
 Acq: 22 Feb 2018 1:00

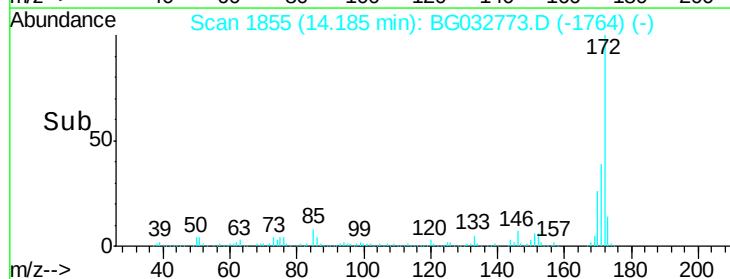
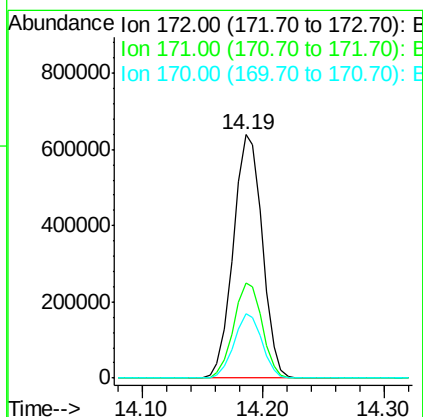
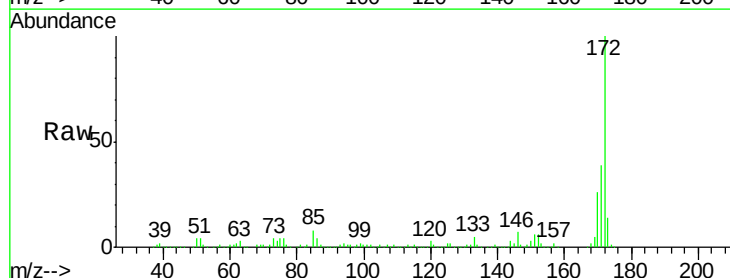
Instrument :
 BNA_G
 ClientSampleId :
 MAD-SUB-TRENCH

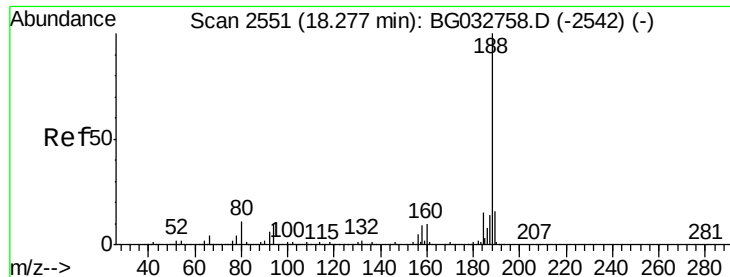
Tot Ion:330 Resp: 280268
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 42.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.374 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BG032773.D
 Acq: 22 Feb 2018 1:00

Tgt Ion:172 Resp: 1063187
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 26.3 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.28 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

Instrument :

BNA_G

ClientSampleId :

MAD-SUB-TRENCH

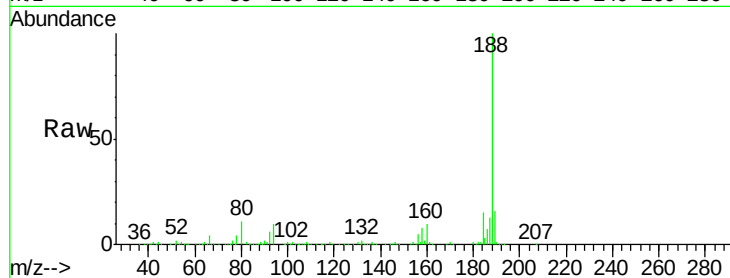
Tot Ion:188 Resp: 397363

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

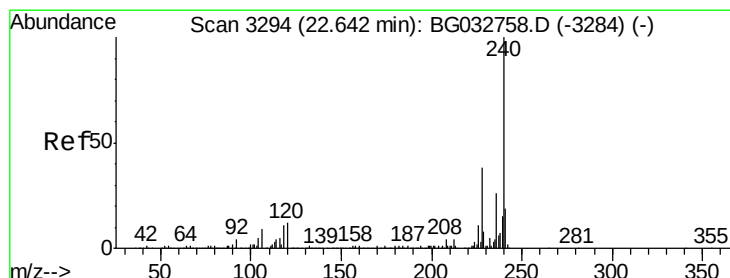
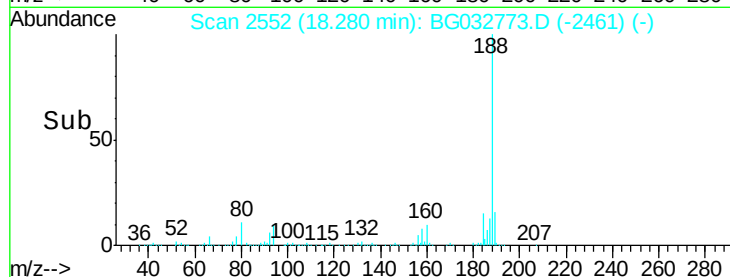
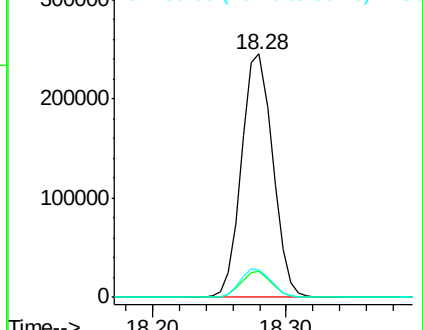
80 11.2 7.7 11.5



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: 22.64 min Scan# 3294

Delta R.T. -0.00 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

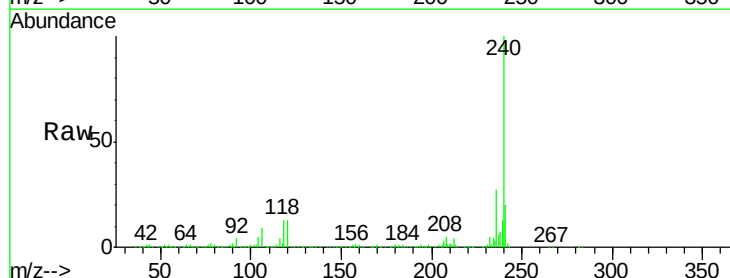
Tgt Ion:240 Resp: 385233

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

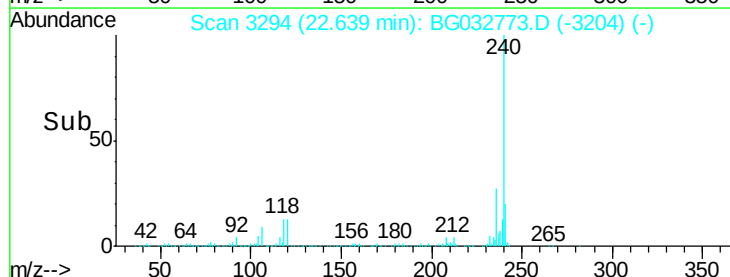
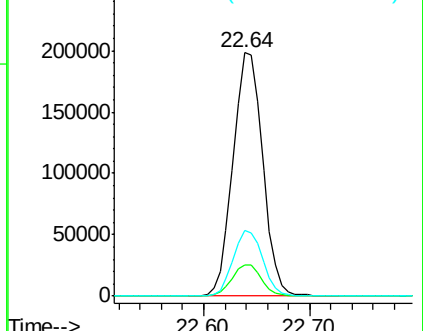
236 26.9 20.9 31.3

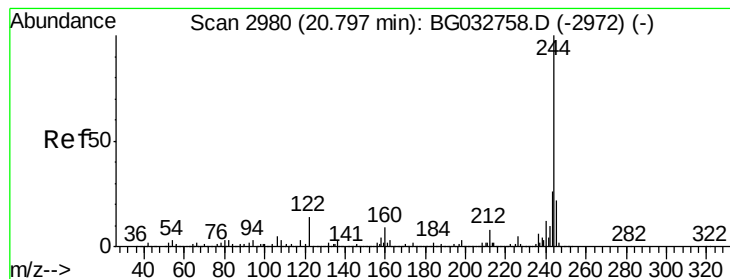


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.299 ng

RT: 20.80 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

Instrument :

BNA_G

ClientSampleId :

MAD-SUB-TRENCH

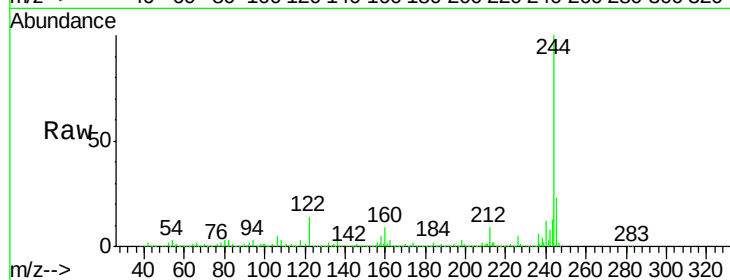
Tot Ion:244 Resp: 1616891

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

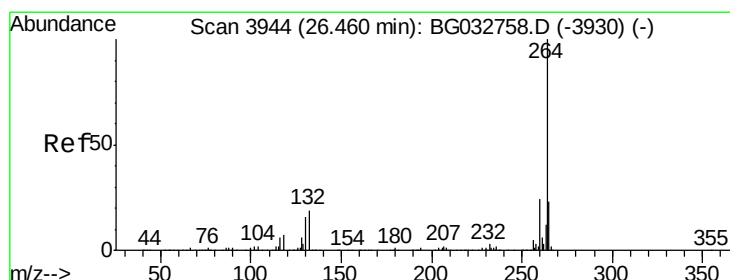
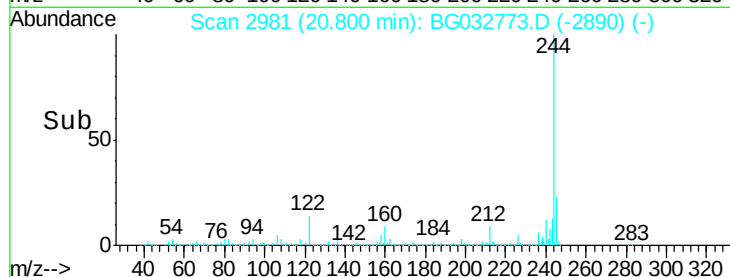
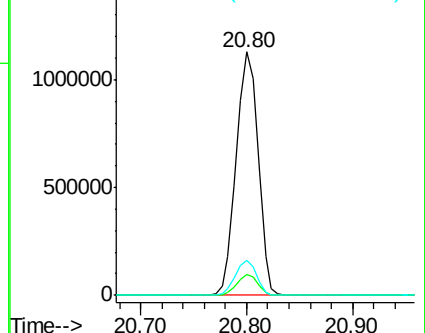
122 14.4 7.0 10.4#



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: 26.47 min Scan# 3947

Delta R.T. 0.01 min

Lab File: BG032773.D

Acq: 22 Feb 2018 1:00

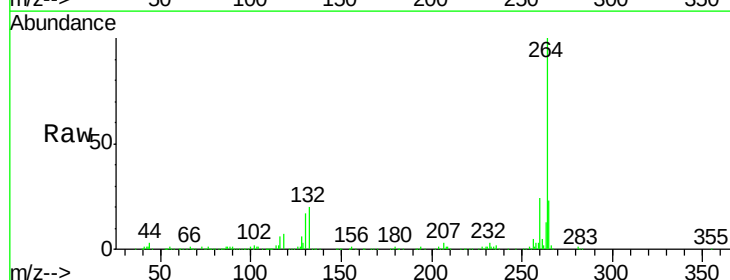
Tgt Ion:264 Resp: 409977

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.6 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

