

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032779.D
 Acq On : 22 Feb 2018 4:46
 Operator : SJ/JU
 Sample : J1624-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Feb 22 07:41:30 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	8.93	152	80228	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	344465	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	192024	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	428726	20.00	ng	0.00
75) Chrysene-d12	22.63	240	401109	20.00	ng	-0.01
86) Perylene-d12	26.45	264	425639	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	590296	117.71	ng	0.00
7) Phenol-d6	8.02	99	697519	99.79	ng	0.00
23) Nitrobenzene-d5	10.13	82	479893	95.32	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	275244	136.32	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1117172	83.91	ng	0.00
78) Terphenyl-d14	20.79	244	1573032	88.11	ng	0.00

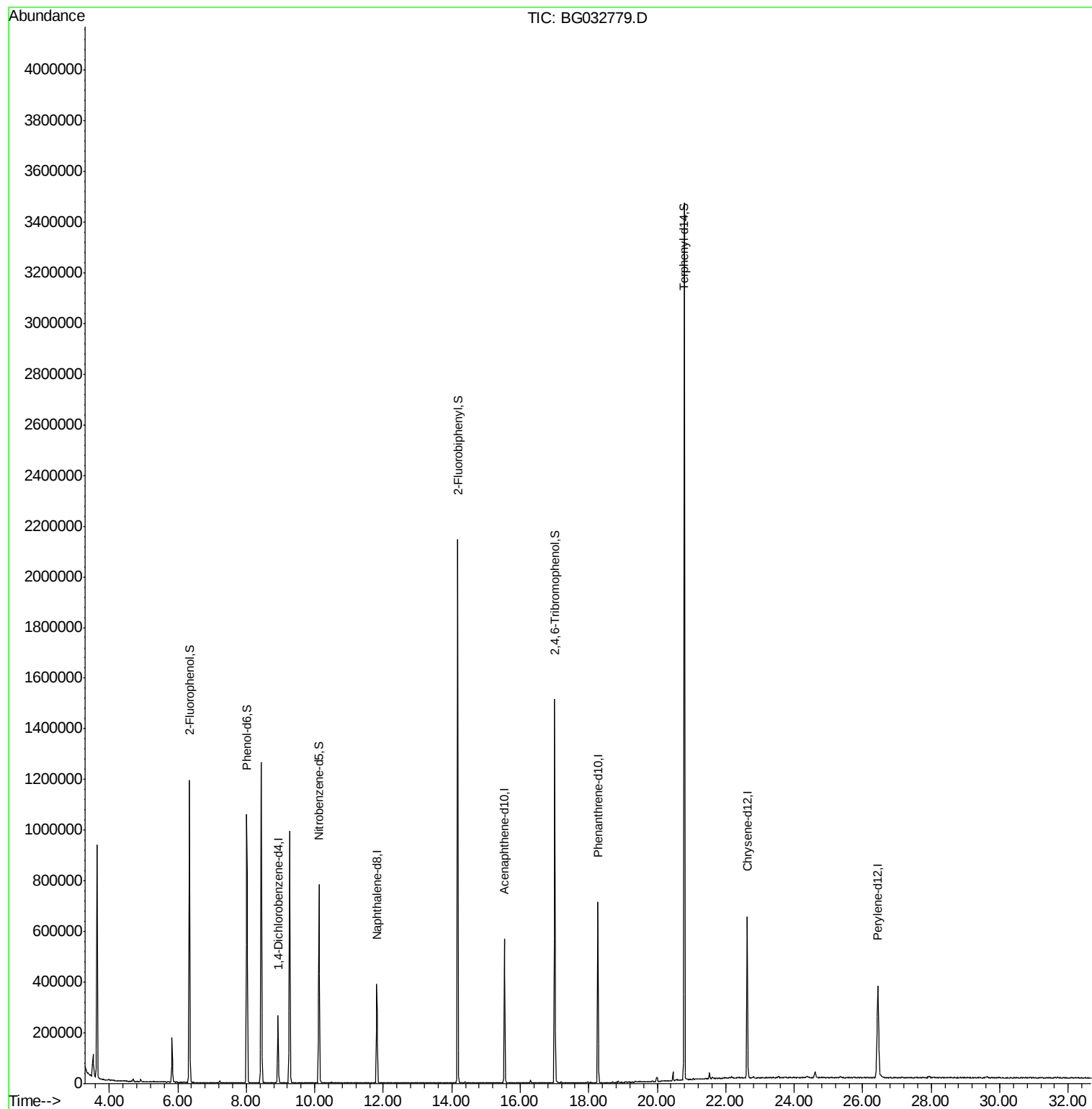
Target Compounds Qvalue

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

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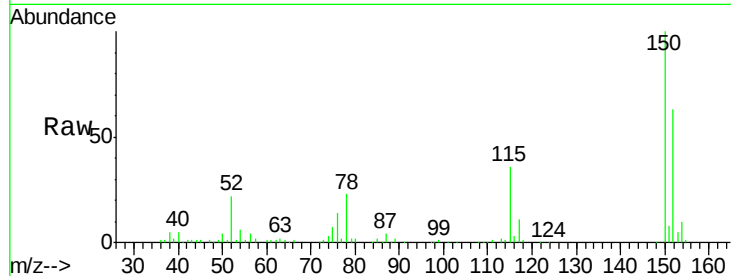


#1

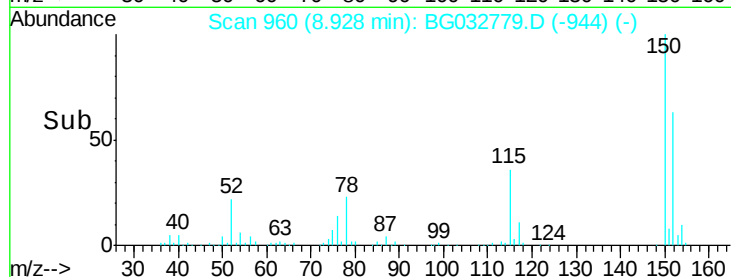
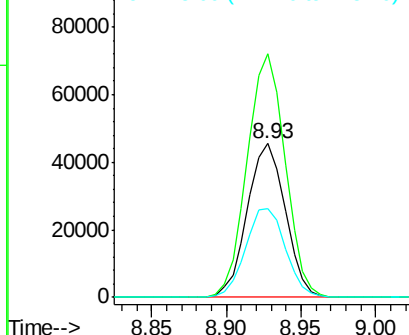
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 80228
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 57.5 53.0 79.4



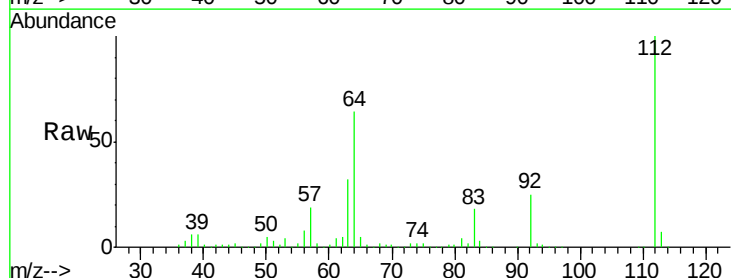
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



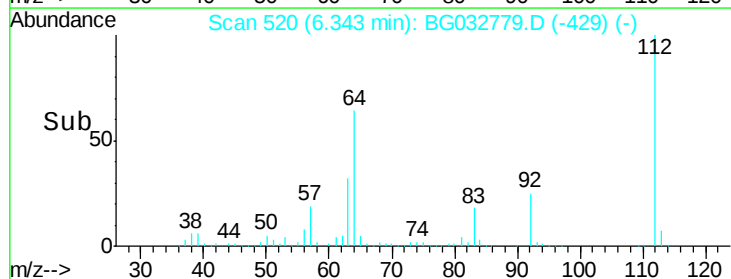
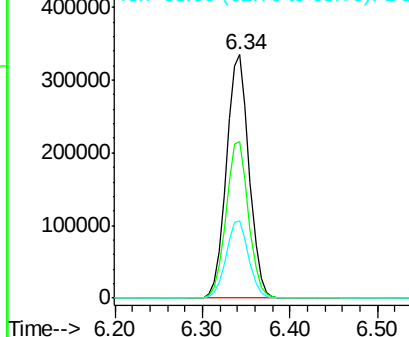
#5

2-Fluorophenol
Concen: 117.713 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:112 Resp: 590296
Ion Ratio Lower Upper
112 100
64 64.2 56.3 84.5
63 31.8 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: 99.791 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

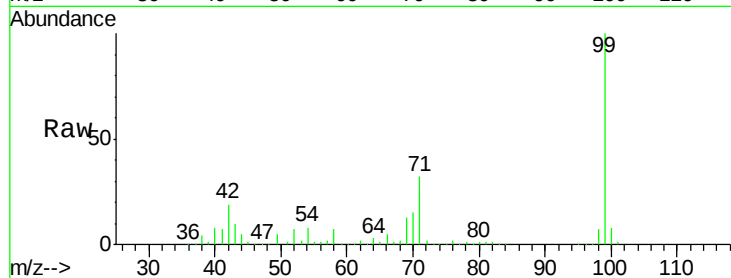
Tot Ion: 99 Resp: 697519

Ion Ratio Lower Upper

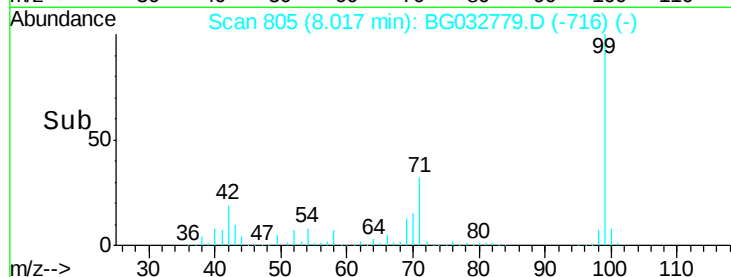
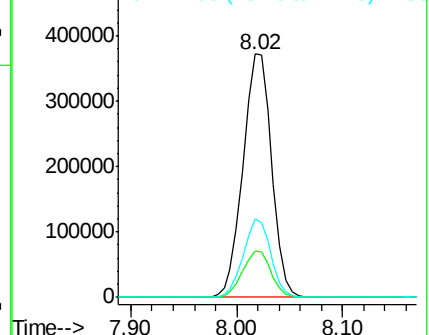
99 100

42 19.3 14.1 21.1

71 32.4 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: 11.81 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Tgt Ion: 136 Resp: 344465

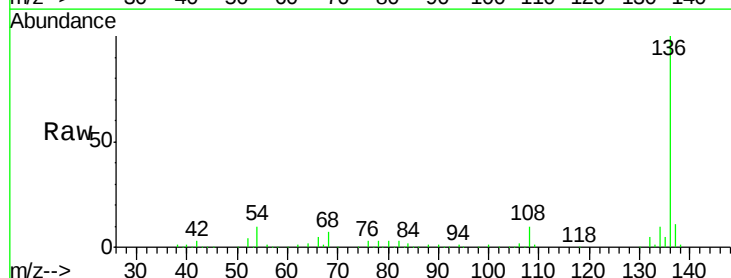
Ion Ratio Lower Upper

136 100

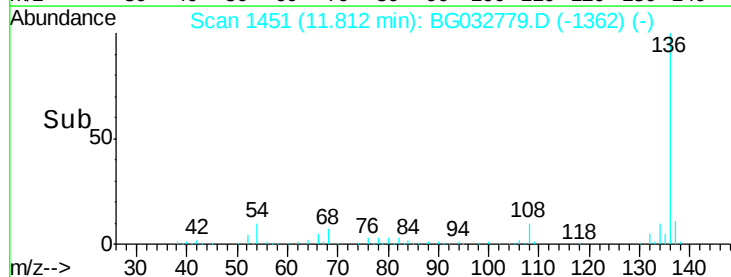
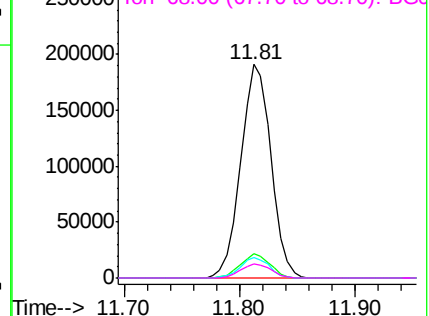
137 11.3 9.2 13.8

54 9.6 10.3 15.5#

68 6.8 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

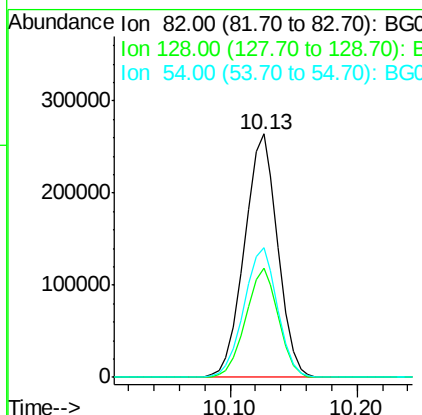
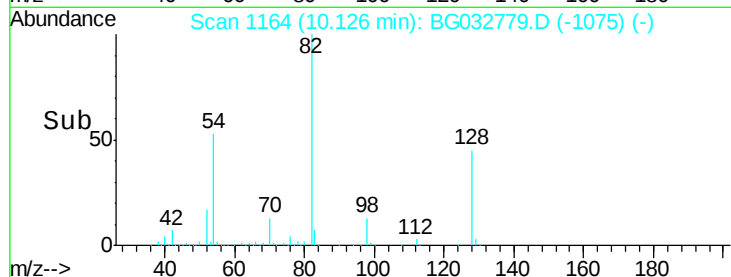
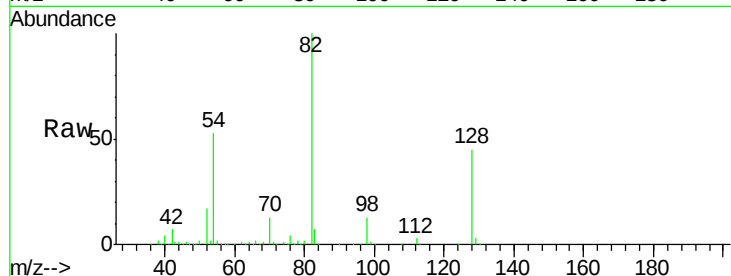




#23
 Nitrobenzene-d5
 Concen: 95.316 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

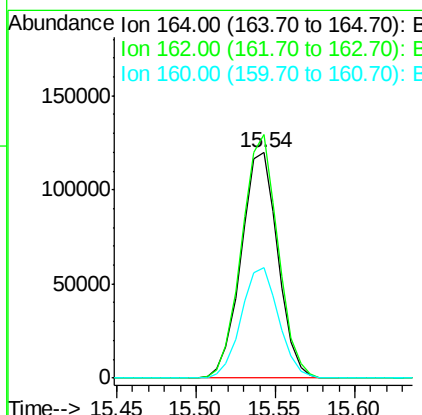
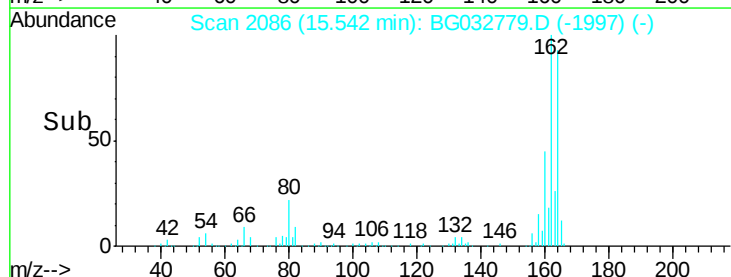
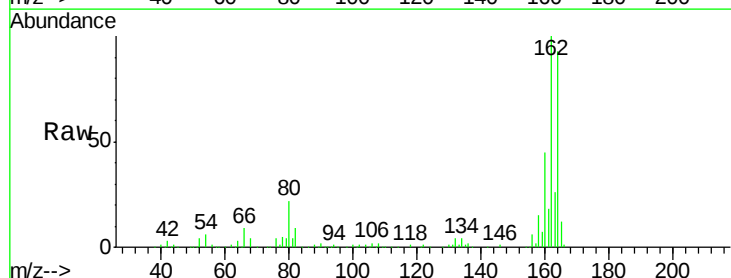
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion: 82 Resp: 479893
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 53.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

Tgt Ion: 164 Resp: 192024
 Ion Ratio Lower Upper
 164 100
 162 108.1 78.8 118.2
 160 49.1 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 136.322 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

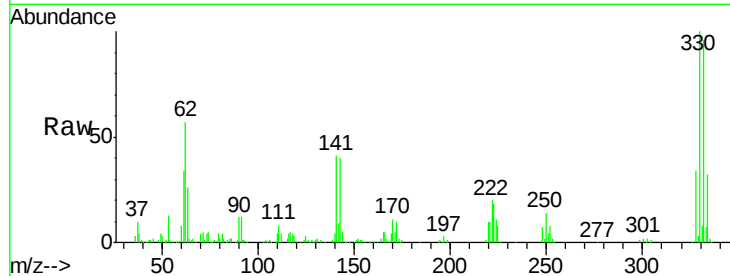
Tot Ion:330 Resp: 275244

Ion Ratio Lower Upper

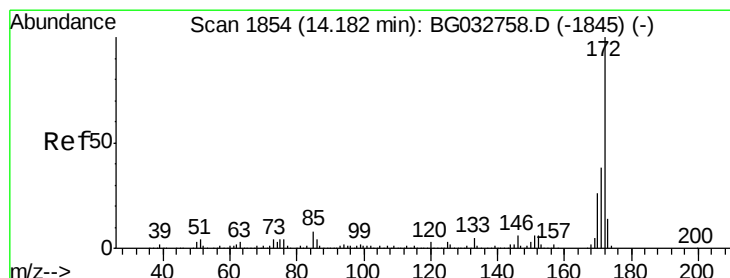
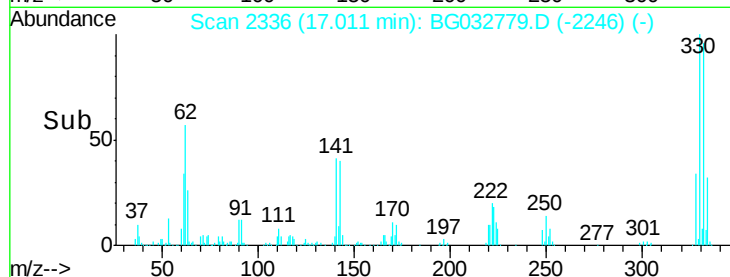
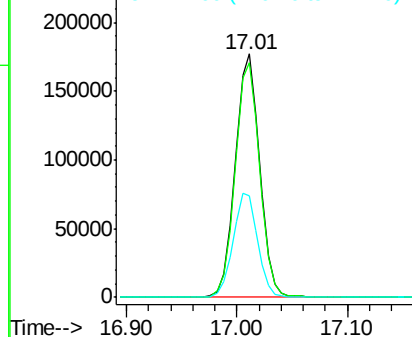
330 100

332 97.1 77.0 115.6

141 43.0 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: 83.908 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

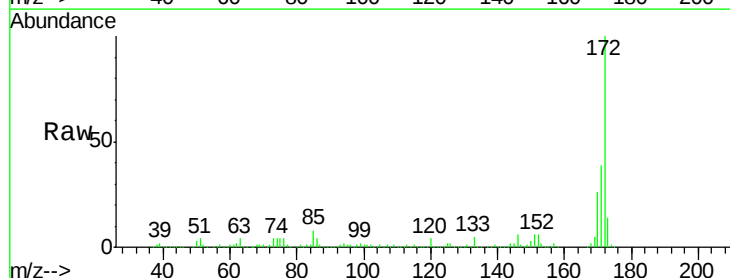
Tgt Ion:172 Resp: 1117172

Ion Ratio Lower Upper

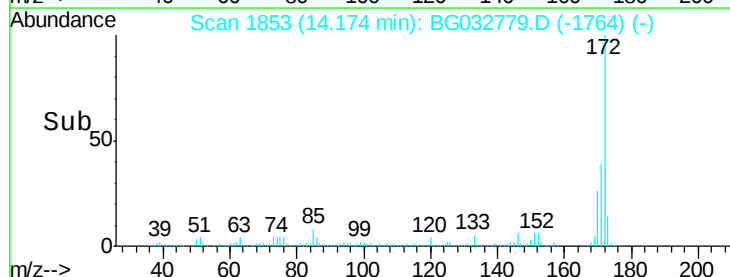
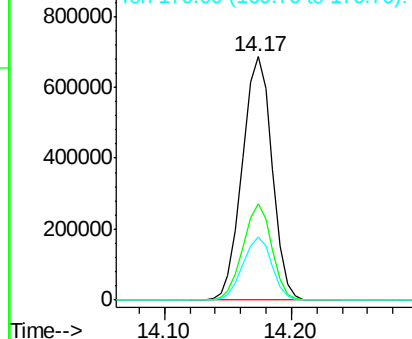
172 100

171 39.5 30.0 45.0

170 25.8 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: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

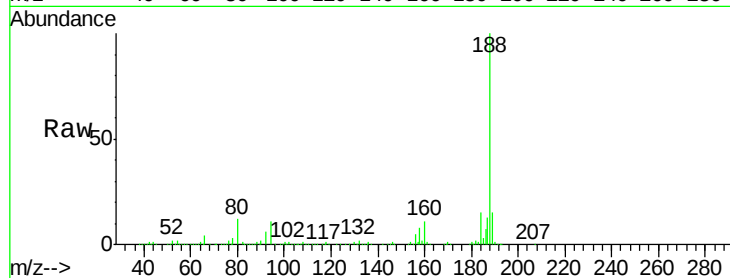
Tot Ion:188 Resp: 428726

Ion Ratio Lower Upper

188 100

94 10.9 6.9 10.3#

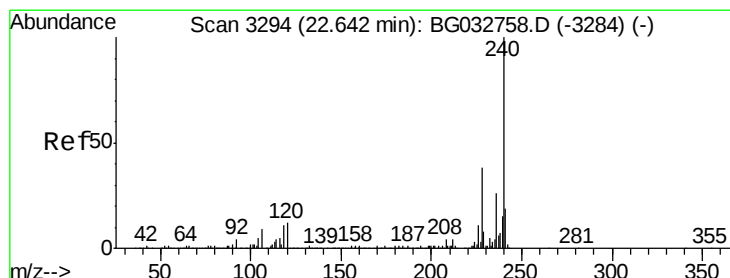
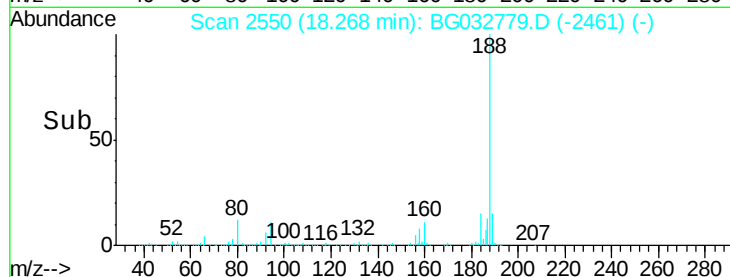
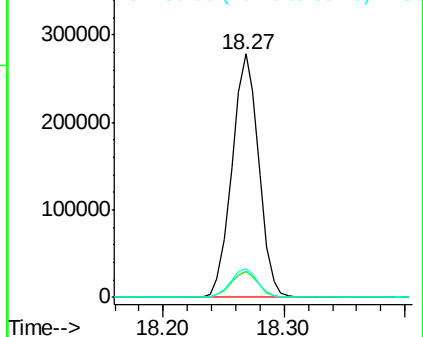
80 11.6 7.7 11.5#



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: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

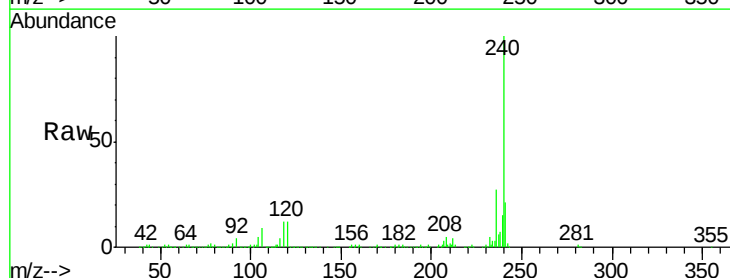
Tgt Ion:240 Resp: 401109

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

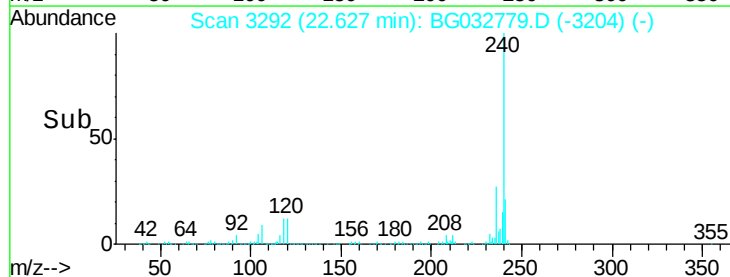
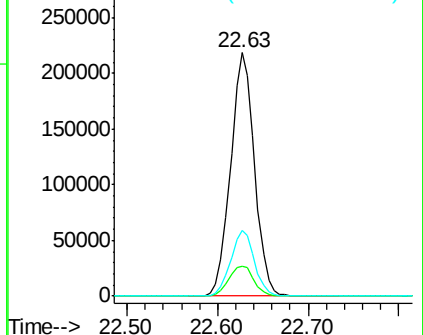
236 27.0 20.9 31.3



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: 88.110 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampled :

TP-1

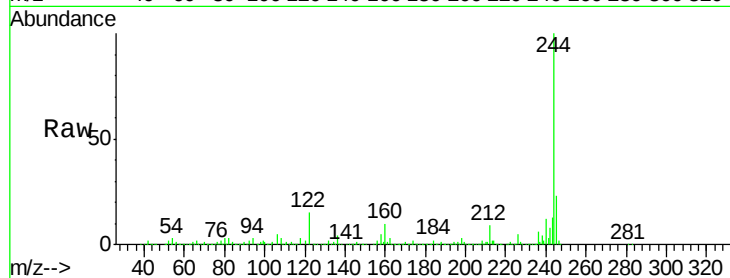
Tot Ion:244 Resp: 1573032

Ion Ratio Lower Upper

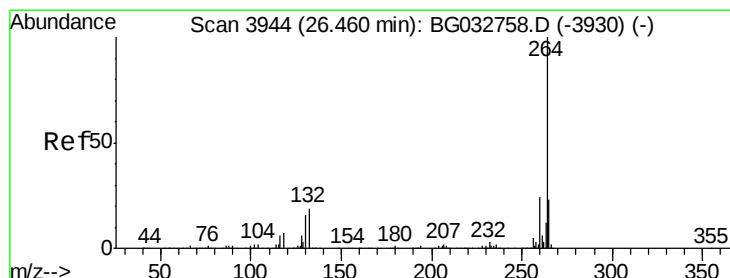
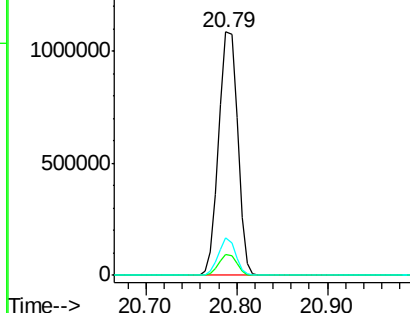
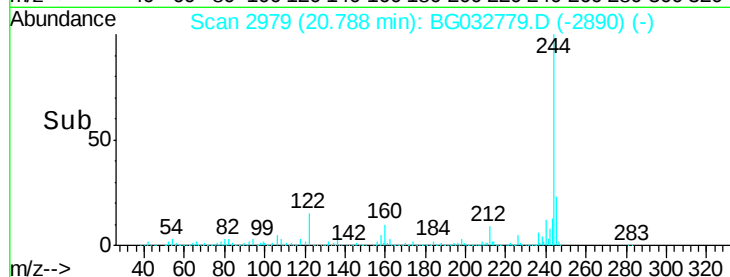
244 100

212 8.6 5.8 8.8

122 15.4 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: 26.45 min Scan# 3942

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

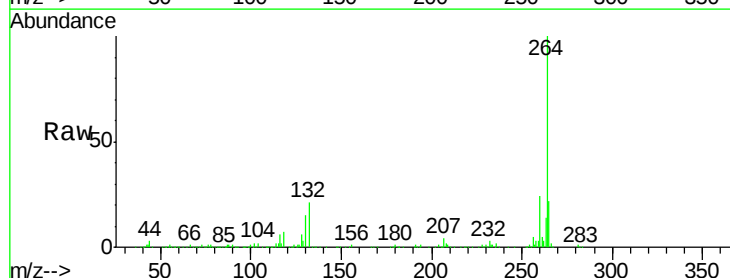
Tgt Ion:264 Resp: 425639

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

