

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033489.D
 Acq On : 2 Apr 2018 16:16
 Operator : SJ/JU
 Sample : J2173-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

Quant Time: Apr 03 04:28:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

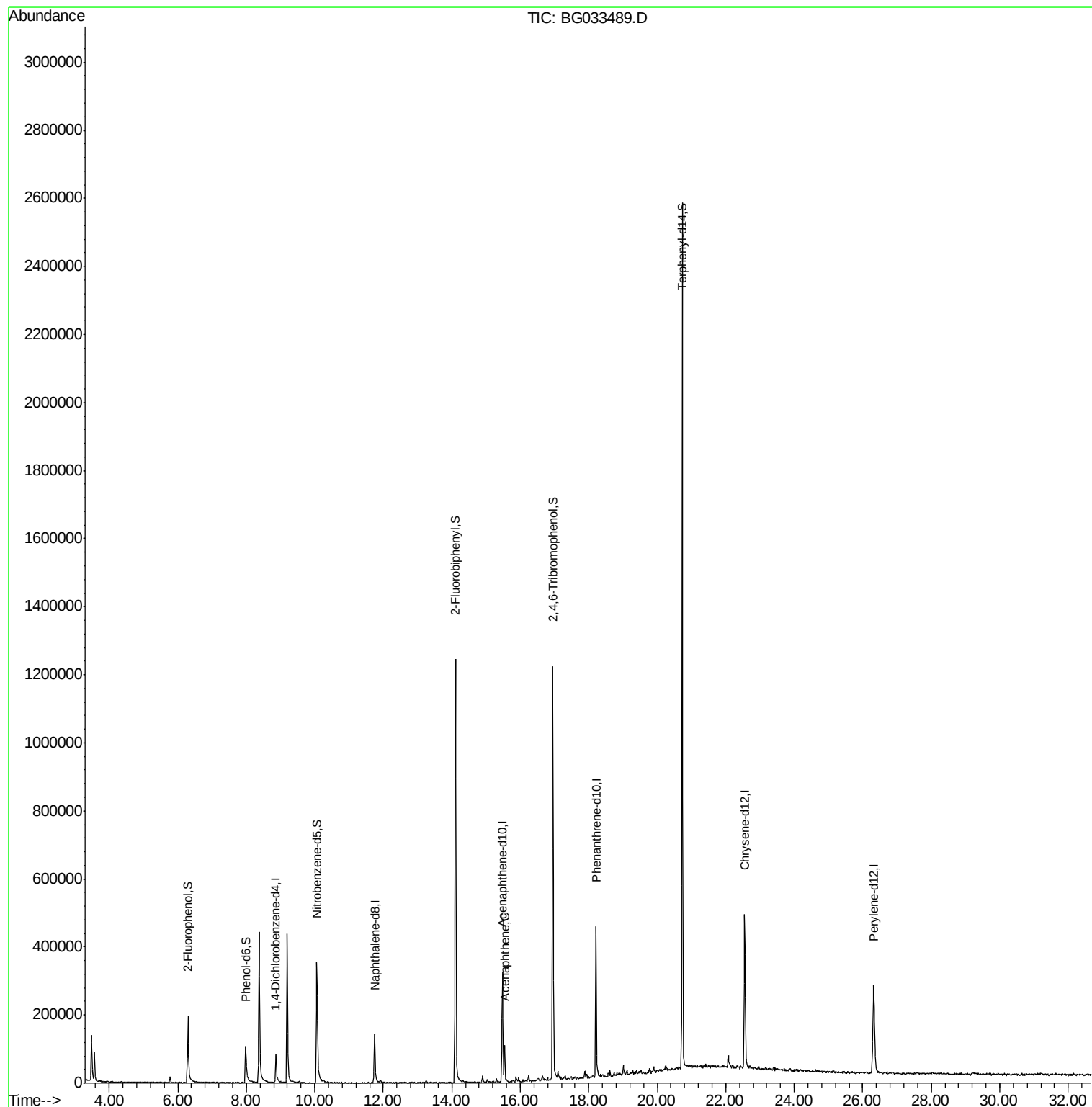
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	33475	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	148727	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121376	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319555	20.00	ng	0.00
75) Chrysene-d12	22.55	240	331458	20.00	ng	0.00
86) Perylene-d12	26.32	264	353260	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	110093	61.67	ng	0.00
7) Phenol-d6	7.98	99	96324	31.40	ng	0.00
23) Nitrobenzene-d5	10.06	82	288295	89.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	237461	130.81	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	737346	87.70	ng	0.00
78) Terphenyl-d14	20.73	244	1291373	83.32	ng	0.00
Target Compounds						
51) Acenaphthene	15.54	154	41853	5.410	ng	Qvalue 95

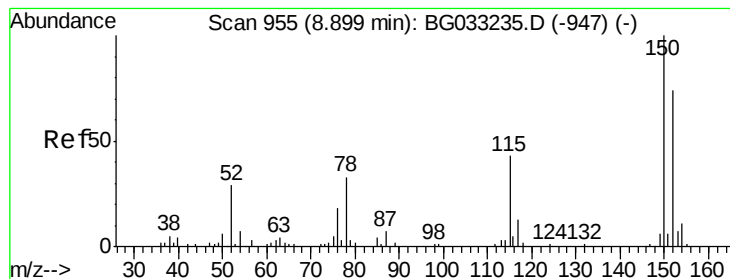
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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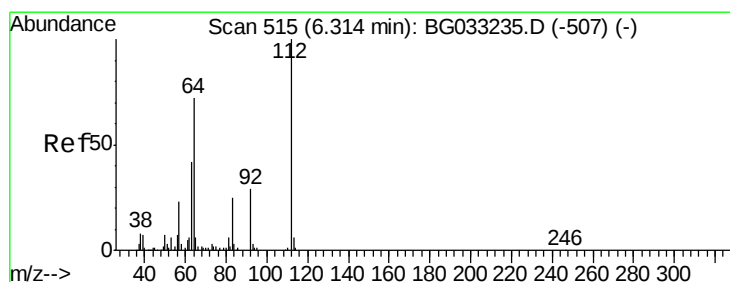
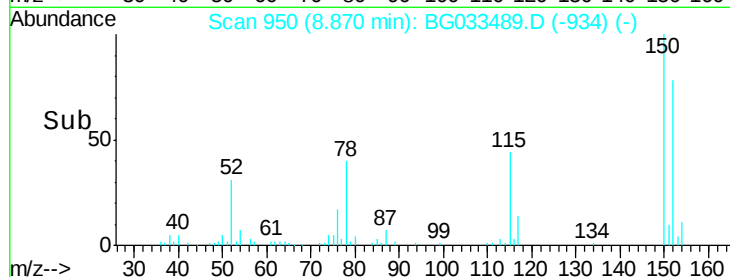
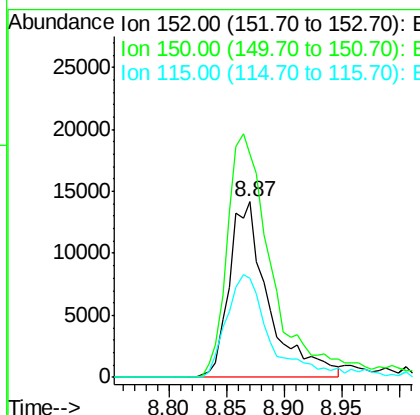
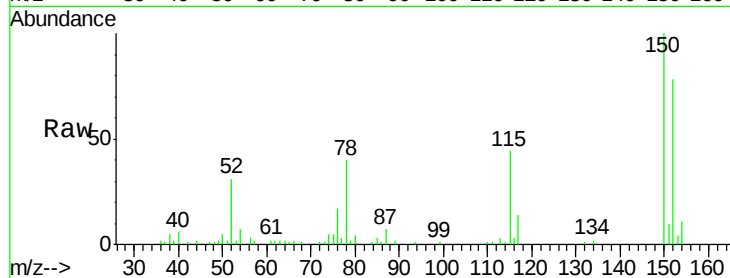




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033489.D
 Acq: 2 Apr 2018 16:16

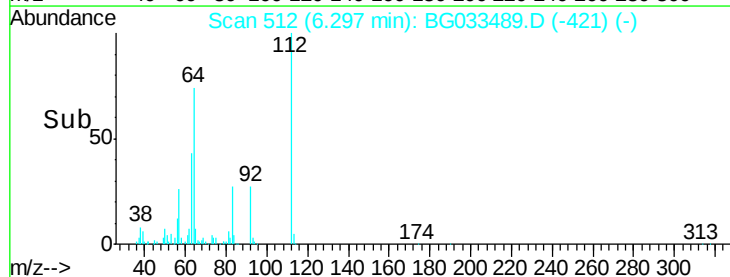
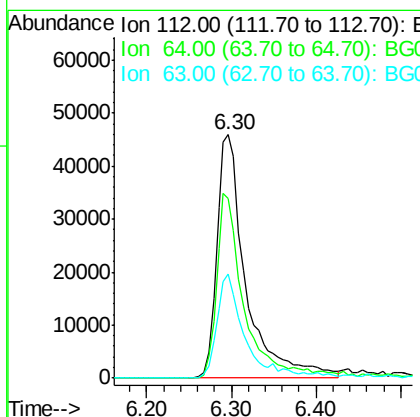
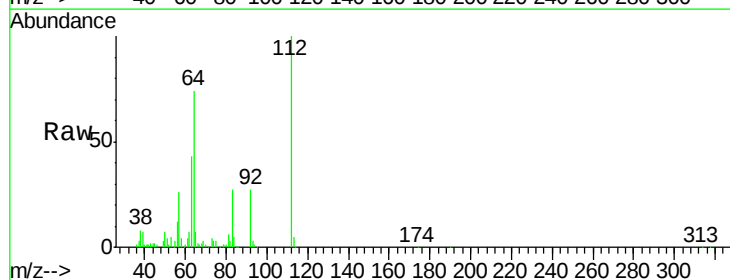
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

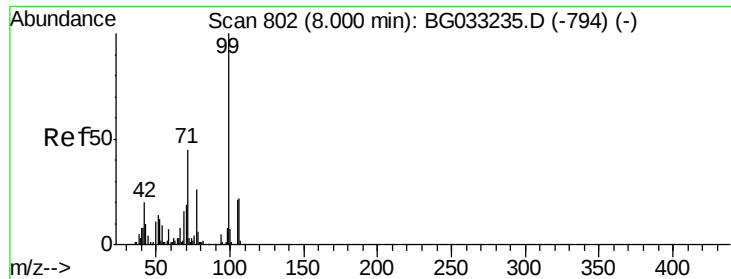
Tot Ion:152 Resp: 33475
 Ion Ratio Lower Upper
 152 100
 150 127.5 126.6 189.8
 115 56.5 53.0 79.4



#5
 2-Fluorophenol
 Concen: 61.669 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BG033489.D
 Acq: 2 Apr 2018 16:16

Tgt Ion:112 Resp: 110093
 Ion Ratio Lower Upper
 112 100
 64 73.6 56.3 84.5
 63 42.9 30.1 45.1





#7

Phenol-d6

Concen: 31.403 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

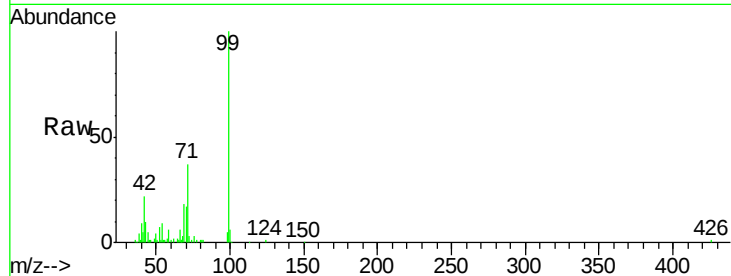
Tot Ion: 99 Resp: 96324

Ion Ratio Lower Upper

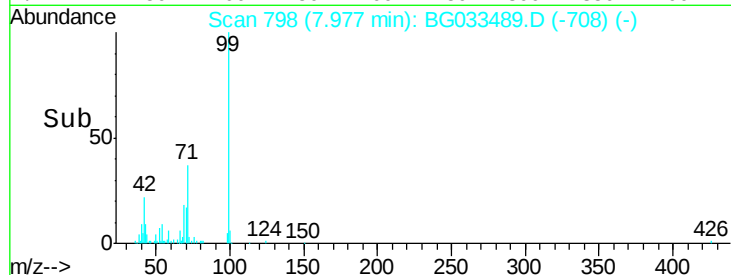
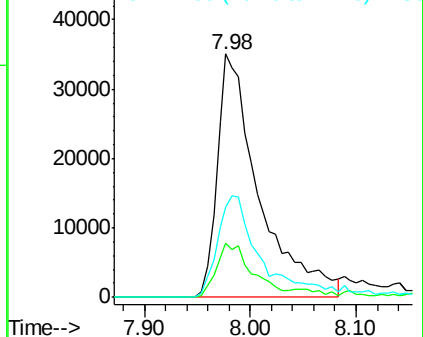
99 100

42 22.2 14.1 21.1#

71 37.2 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Tgt Ion: 136 Resp: 148727

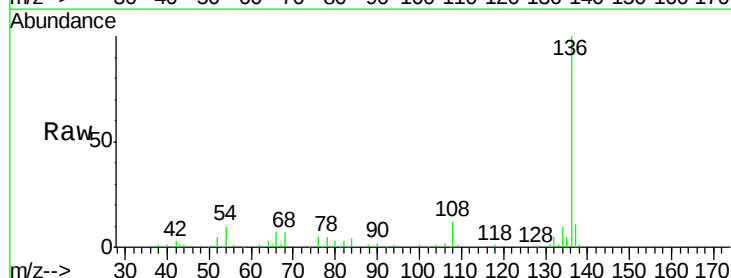
Ion Ratio Lower Upper

136 100

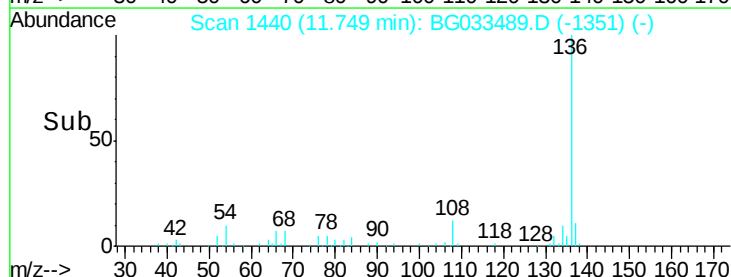
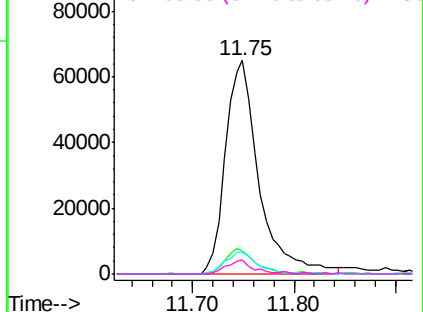
137 11.0 9.2 13.8

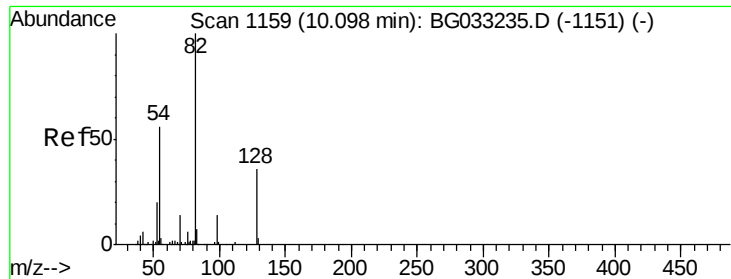
54 10.5 10.3 15.5

68 6.5 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: 89.059 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

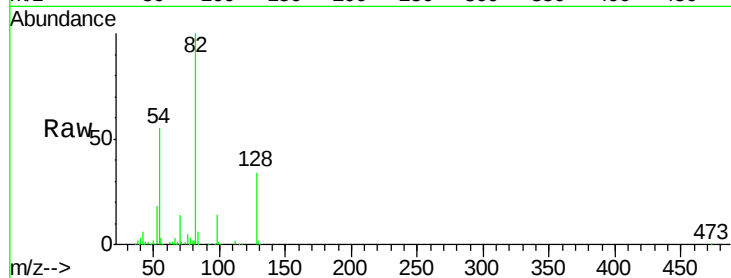
Tot Ion: 82 Resp: 288295

Ion Ratio Lower Upper

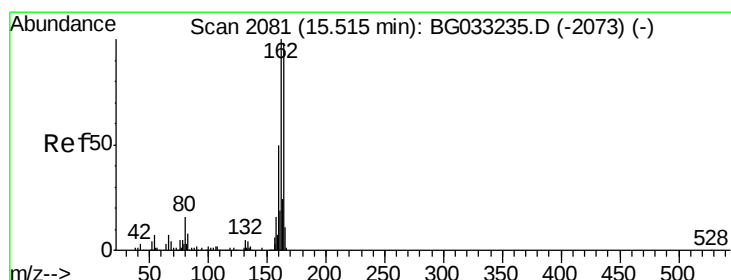
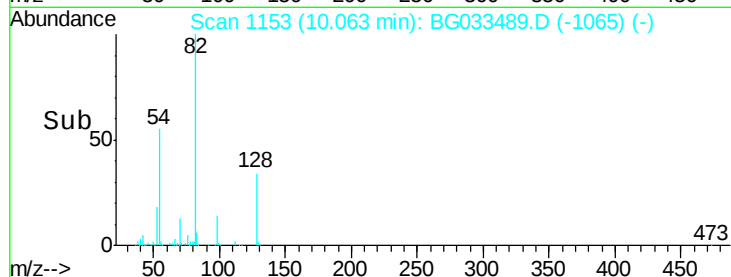
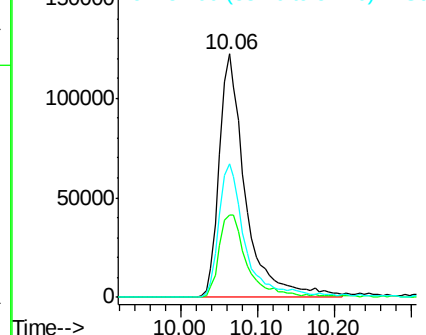
82 100

128 33.9 29.7 44.5

54 55.1 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

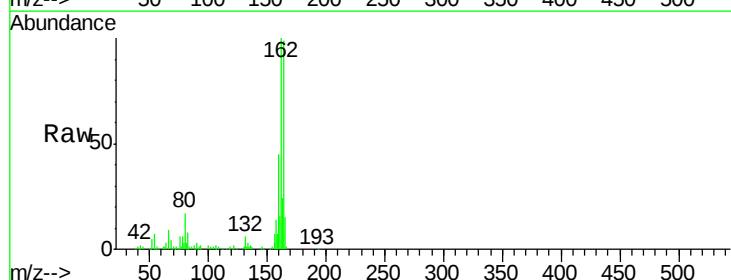
Tgt Ion: 164 Resp: 121376

Ion Ratio Lower Upper

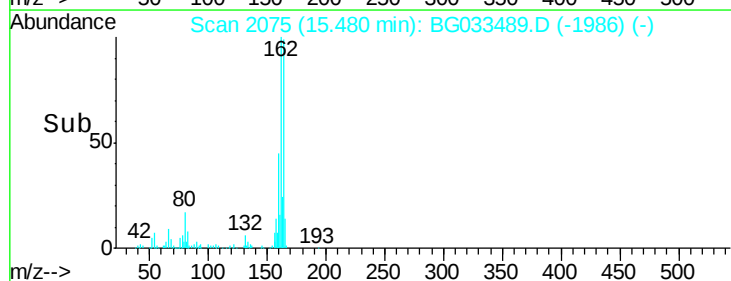
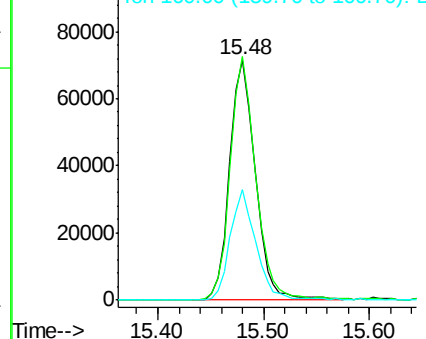
164 100

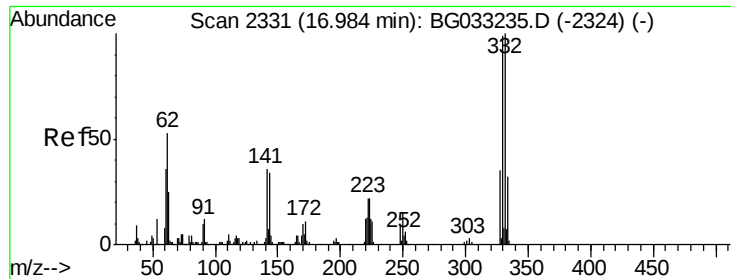
162 101.3 78.8 118.2

160 46.0 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

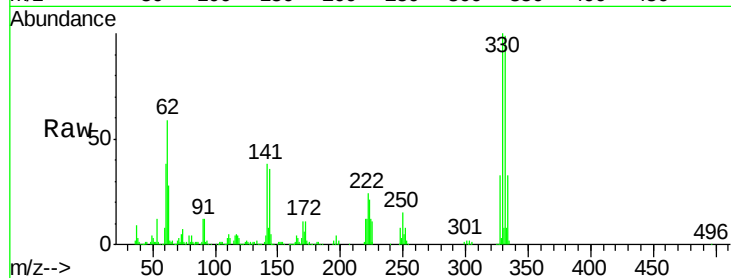




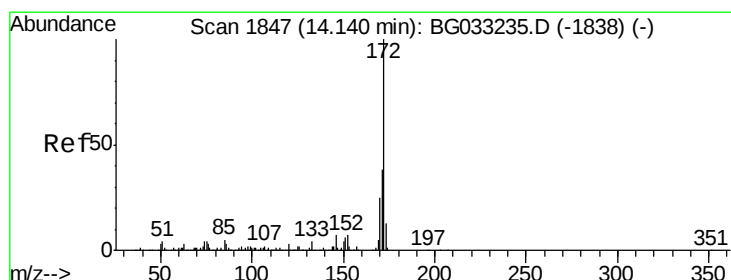
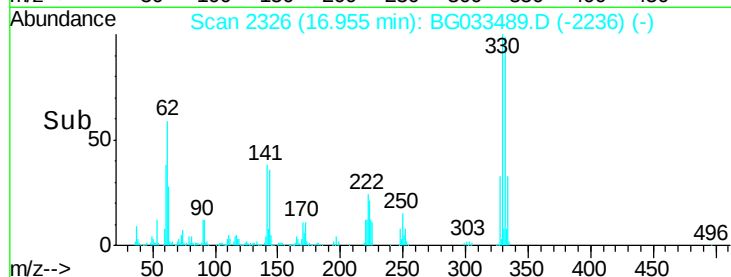
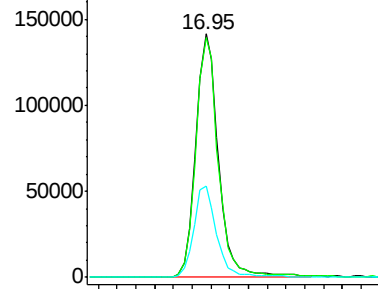
#41
 2,4,6-Tribromophenol
 Concen: 130.809 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033489.D
 Acq: 2 Apr 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW30S-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	36.7	25.2	37.8

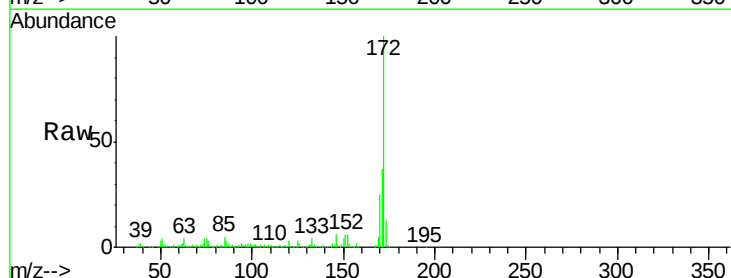


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

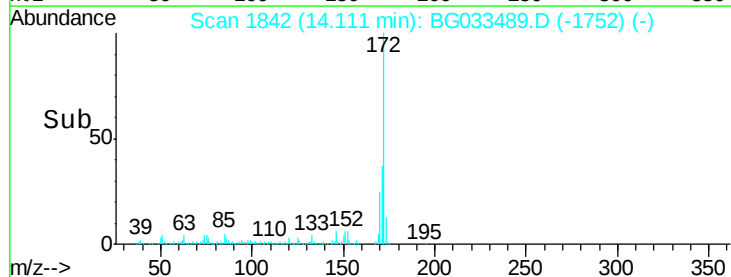
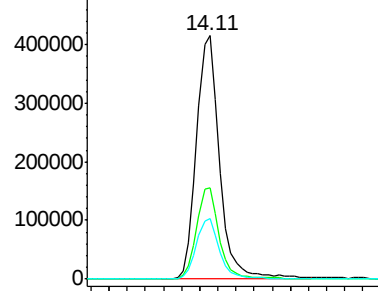


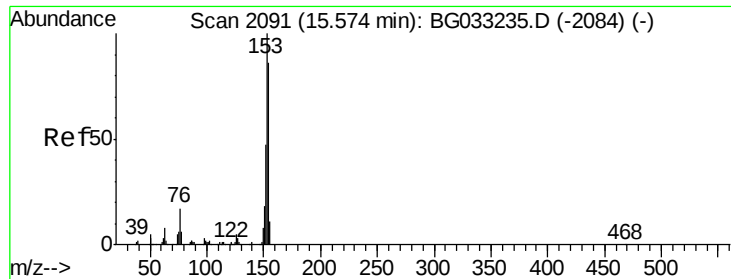
#44
 2-Fluorobiphenyl
 Concen: 87.699 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033489.D
 Acq: 2 Apr 2018 16:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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





#51

Acenaphthene

Concen: 5.410 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

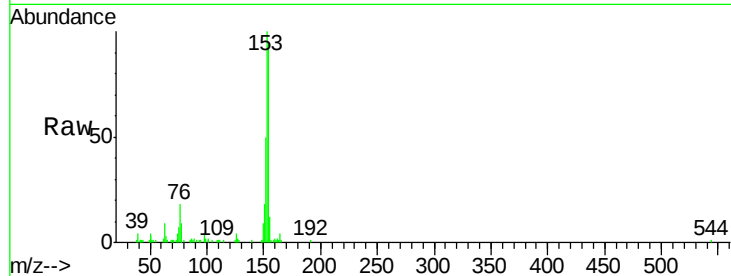
Tot Ion:154 Resp: 41853

Ion Ratio Lower Upper

154 100

153 107.0 90.4 135.6

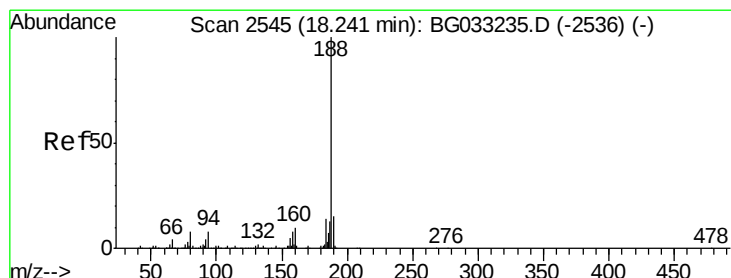
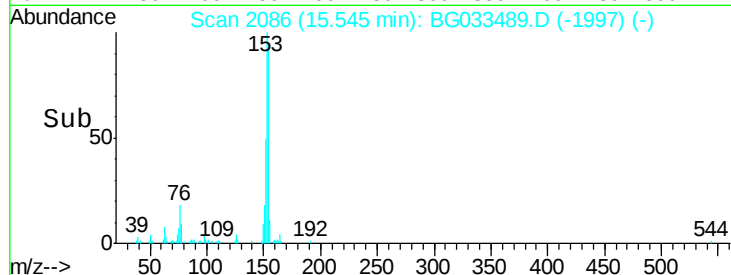
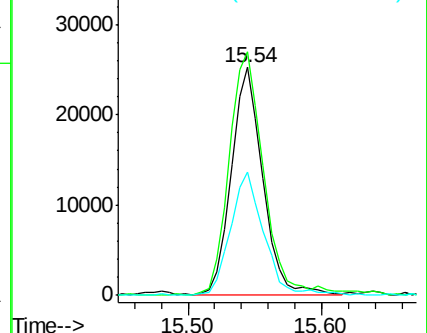
152 53.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

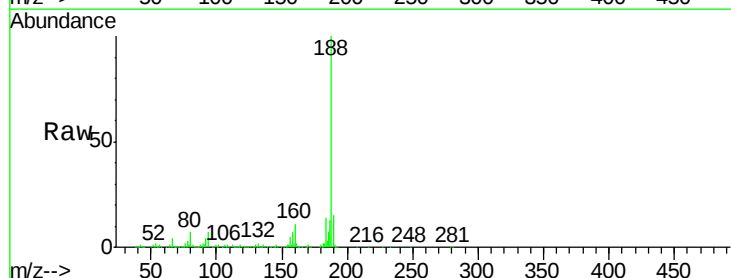
Tgt Ion:188 Resp: 319555

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

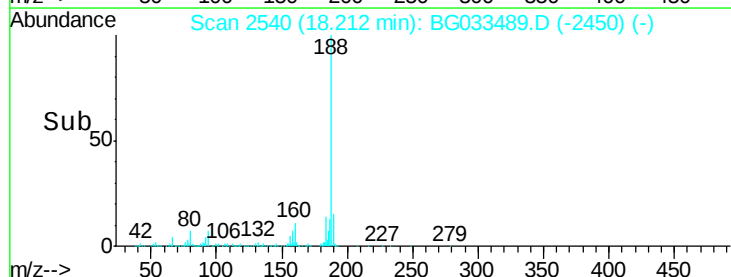
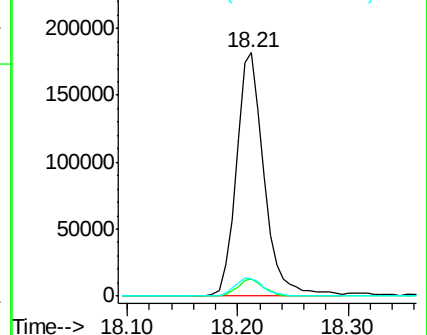
80 7.0 7.7 11.5#

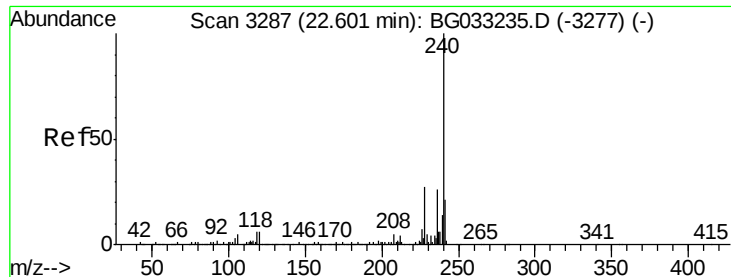


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW30S-GW

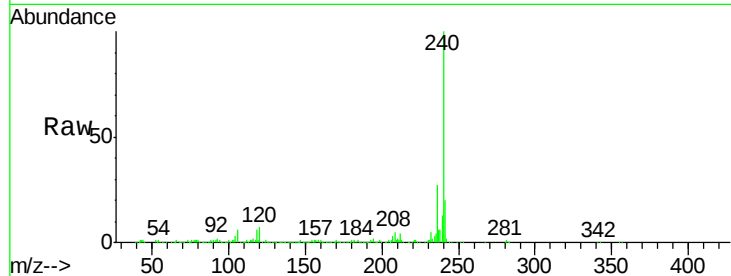
Tot Ion:240 Resp: 331458

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

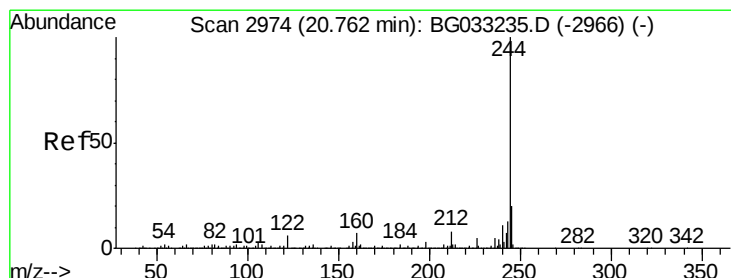
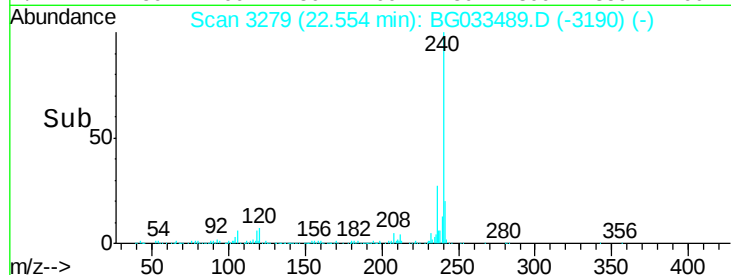
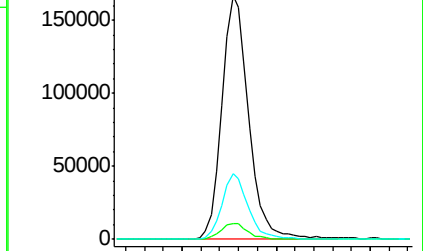
236 27.2 20.9 31.3



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: 83.321 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033489.D

Acq: 2 Apr 2018 16:16

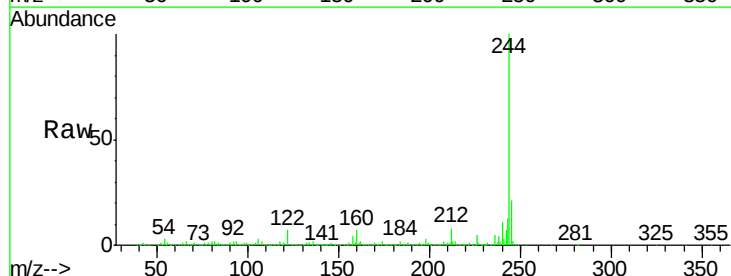
Tgt Ion:244 Resp: 1291373

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

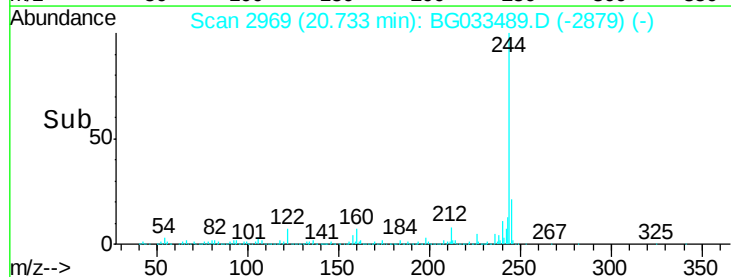
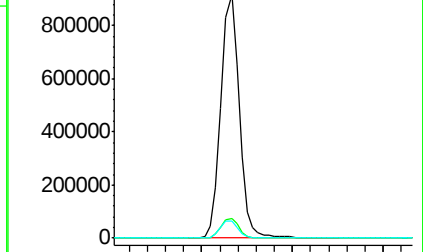
122 6.8 7.0 10.4#



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: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW30S-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.9	17.7	26.5

