

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025794.D
 Acq On : 3 Feb 2017 14:33
 Operator : SJ/MA
 Sample : I1646-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Feb 03 15:23:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73497	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	332745	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	259813	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	588528	20.00	ng	0.00
75) Chrysene-d12	21.83	240	715120	20.00	ng	0.00
86) Perylene-d12	25.21	264	716031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	311410	75.94	ng	0.00
7) Phenol-d6	7.33	99	298796	49.89	ng	0.00
23) Nitrobenzene-d5	9.35	82	683870	86.84	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	502238	135.55	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1342330	83.91	ng	0.00
78) Terphenyl-d14	20.13	244	2289308	77.27	ng	0.00

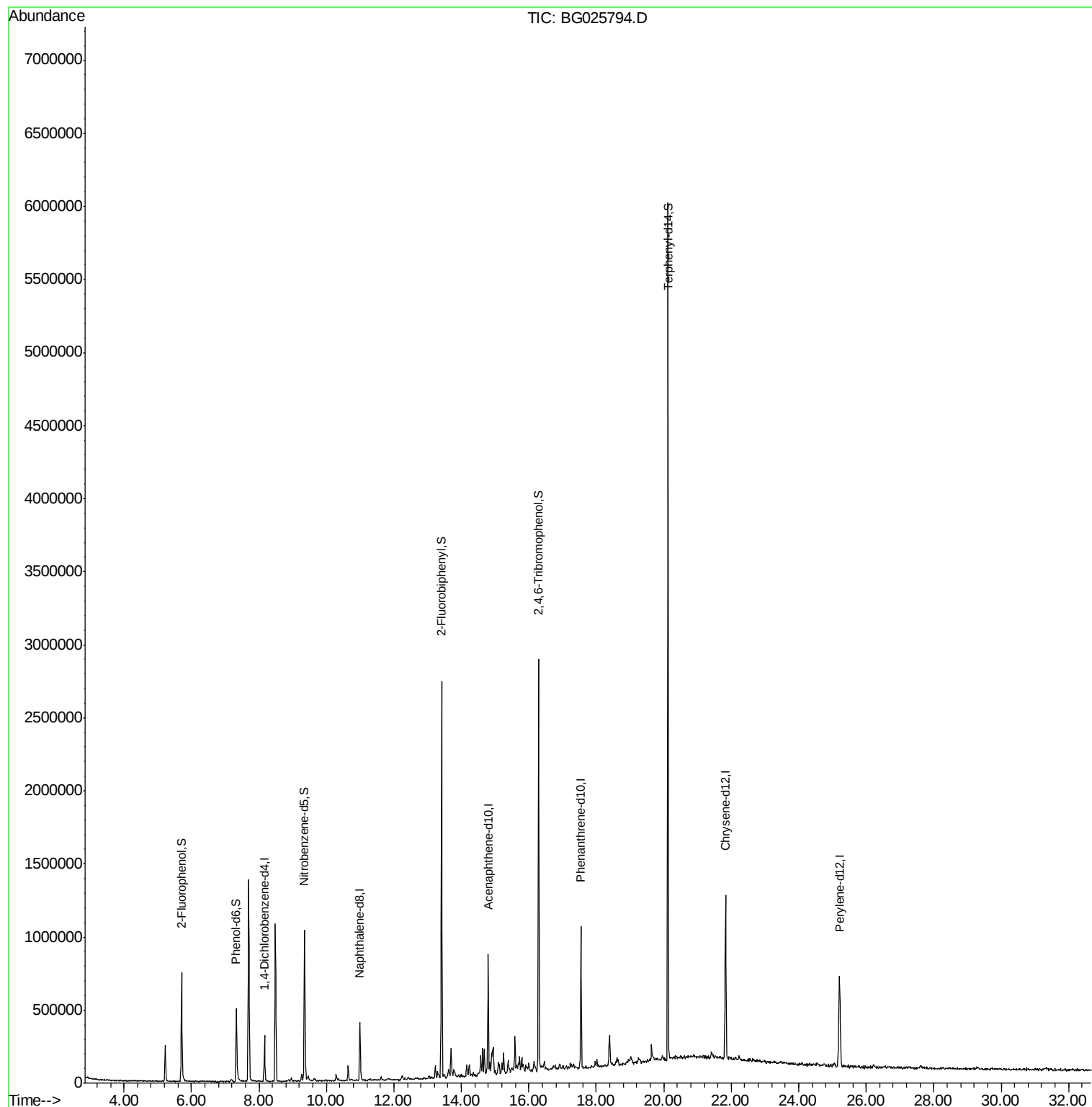
Target Compounds Qvalue

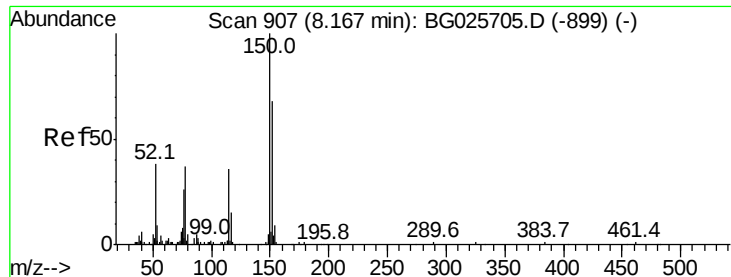
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampleId :

MW-10

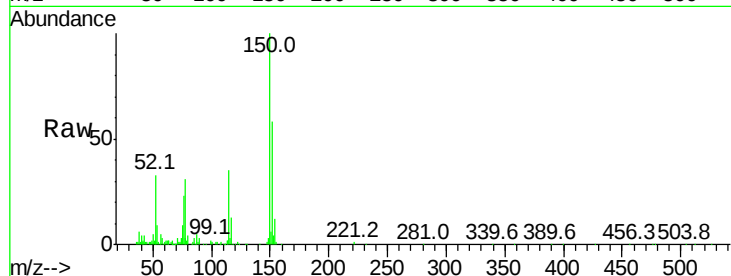
Tot Ion:152 Resp: 73497

Ion Ratio Lower Upper

152 100

150 171.3 114.0 171.0#

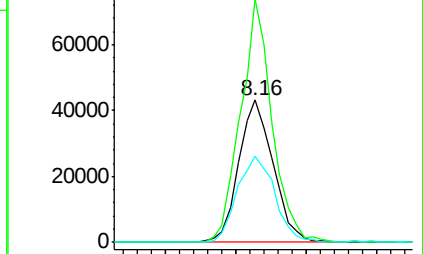
115 60.3 48.1 72.1



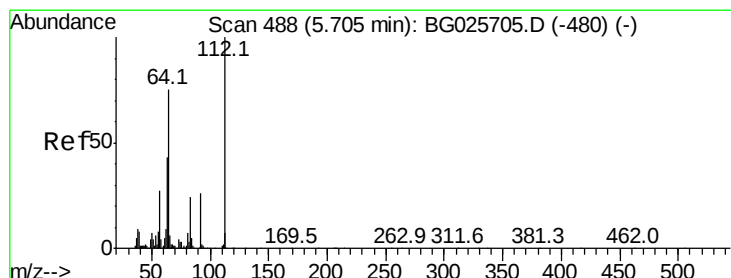
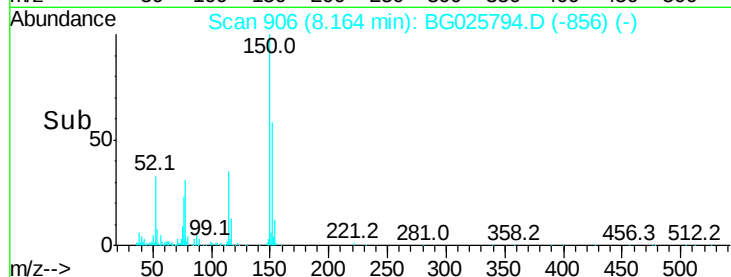
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 75.94 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

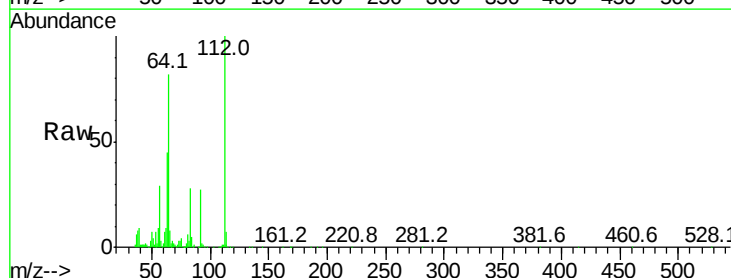
Tgt Ion:112 Resp: 311410

Ion Ratio Lower Upper

112 100

64 82.2 61.8 92.6

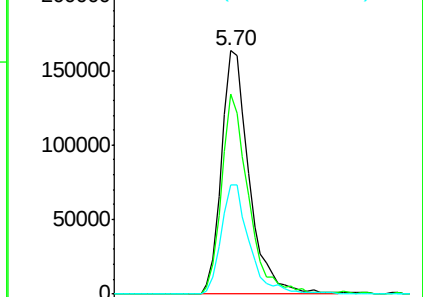
63 45.1 37.2 55.8



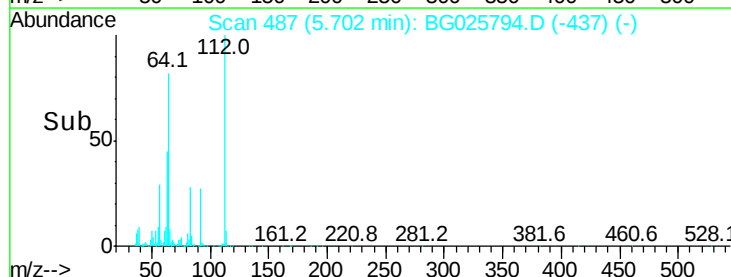
Abundance Ion 112.00 (111.70 to 112.70): E

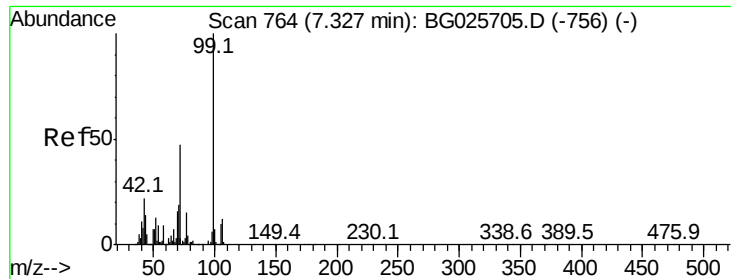
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 49.89 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampleId :

MW-10

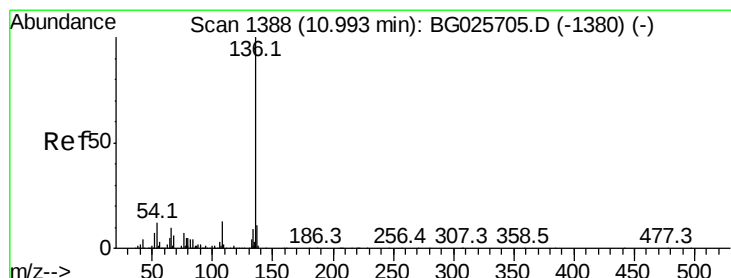
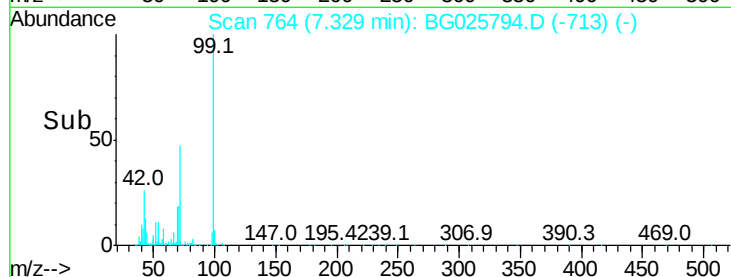
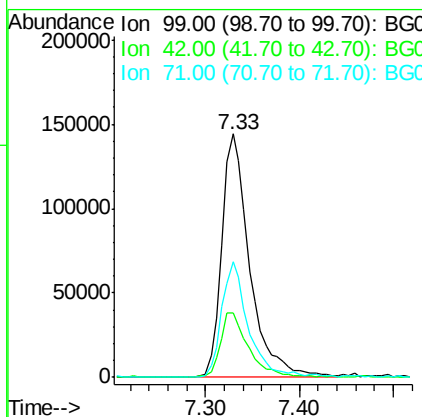
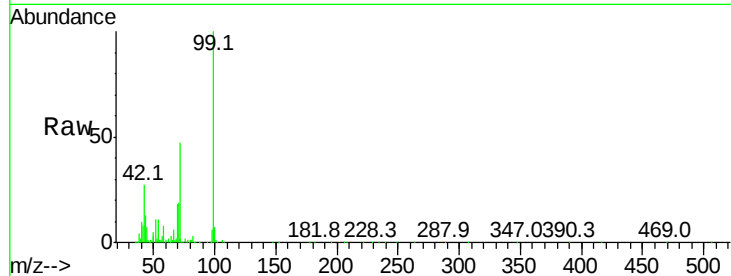
Tot Ion: 99 Resp: 298796

Ion Ratio Lower Upper

99 100

42 26.5 20.5 30.7

71 47.3 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Tgt Ion: 136 Resp: 332745

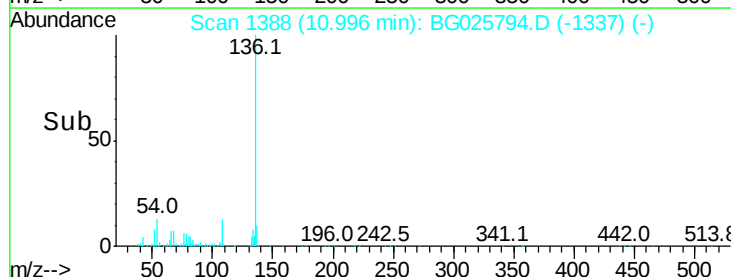
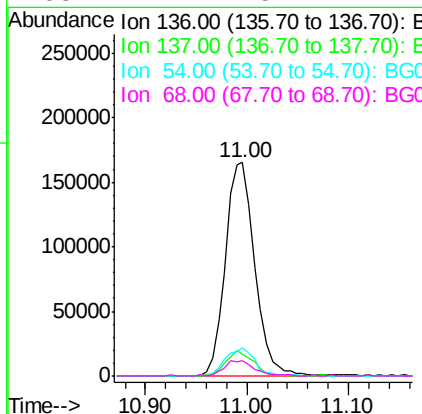
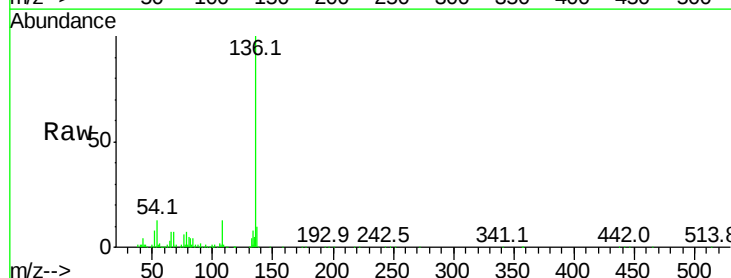
Ion Ratio Lower Upper

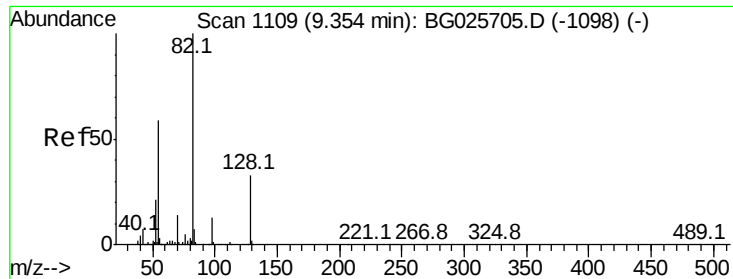
136 100

137 10.4 8.9 13.3

54 12.9 9.3 13.9

68 7.2 5.1 7.7

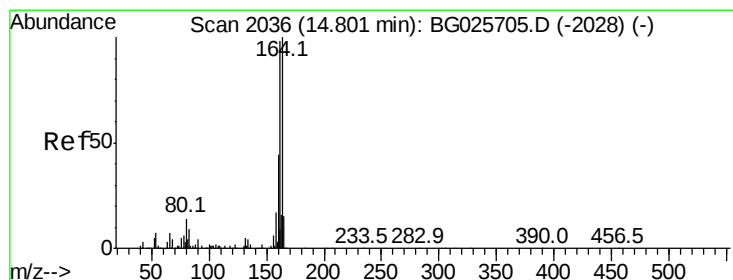
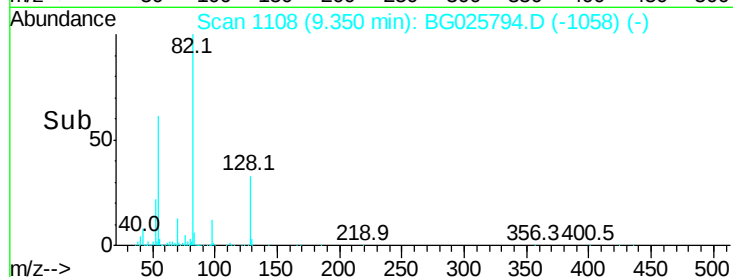
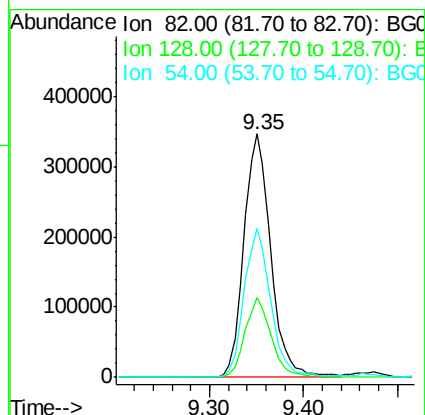
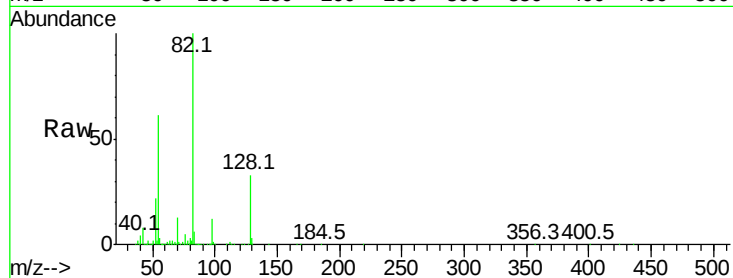




#23
 Nitrobenzene-d5
 Concen: 86.84 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025794.D
 Acq: 3 Feb 2017 14:33

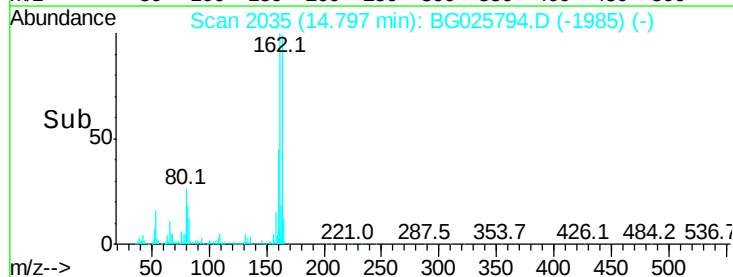
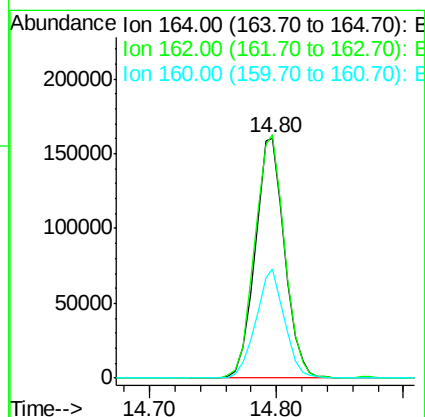
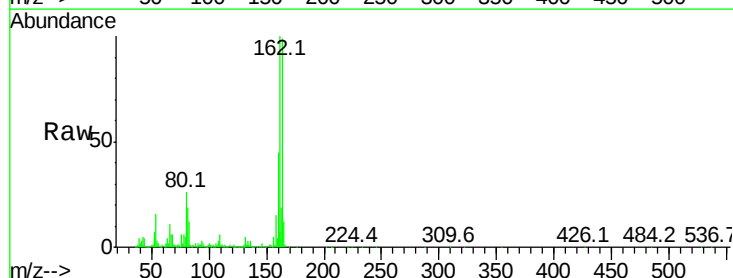
Instrument :
 BNA_G
 ClientSampleId :
 MW-10

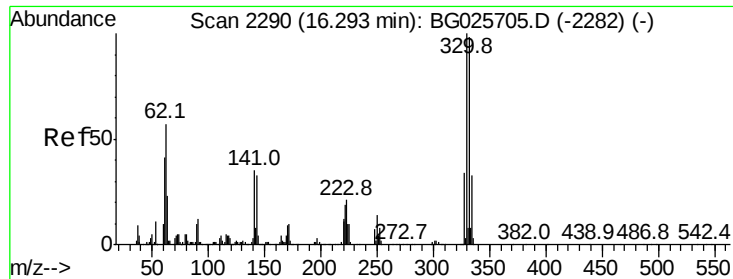
Tot Ion: 82 Resp: 683870
 Ion Ratio Lower Upper
 82 100
 128 32.8 26.4 39.6
 54 61.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG025794.D
 Acq: 3 Feb 2017 14:33

Tgt Ion: 164 Resp: 259813
 Ion Ratio Lower Upper
 164 100
 162 101.5 85.1 127.7
 160 45.3 34.7 52.1

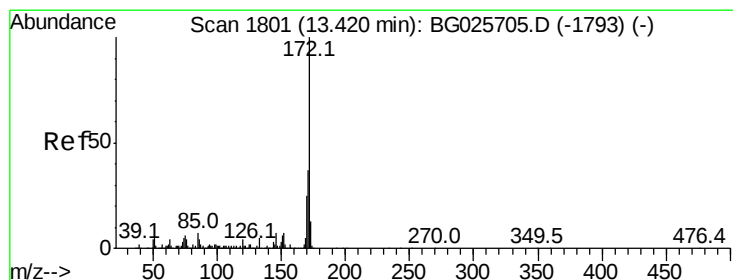
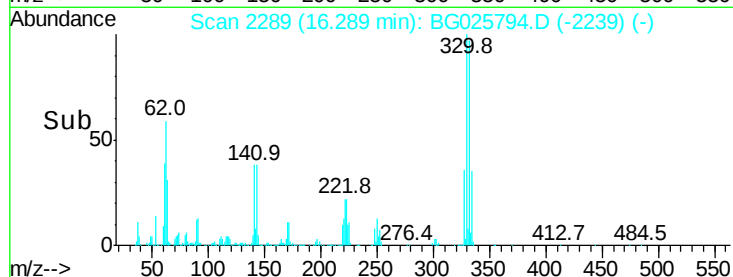
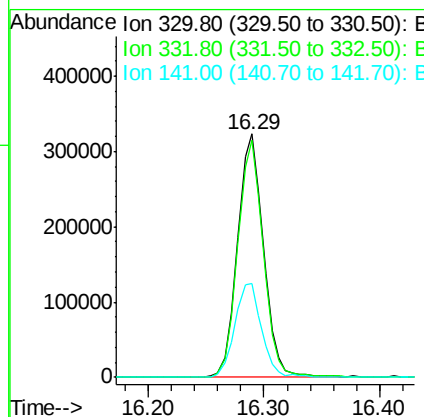
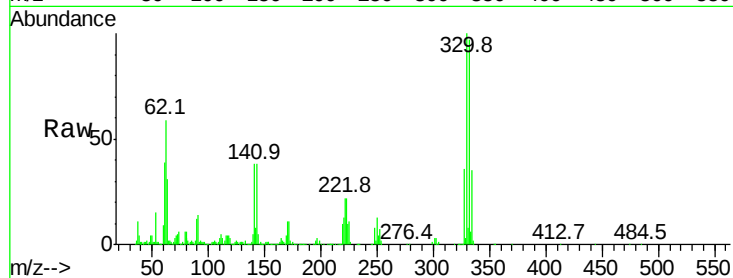




#41
 2,4,6-Tribromophenol
 Concen: 135.55 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025794.D
 Acq: 3 Feb 2017 14:33

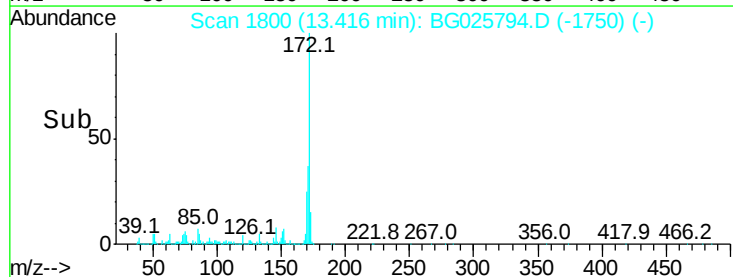
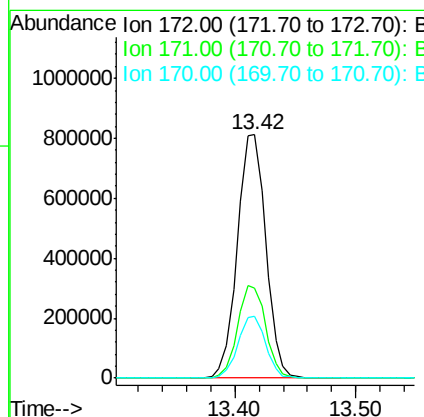
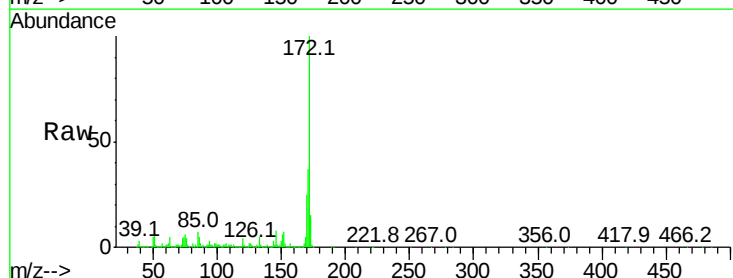
Instrument :
 BNA_G
 ClientSampleId :
 MW-10

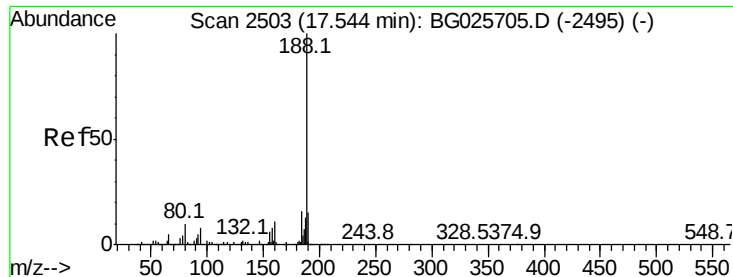
Tot Ion:330 Resp: 502238
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 39.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 83.91 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025794.D
 Acq: 3 Feb 2017 14:33

Tgt Ion:172 Resp: 1342330
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 25.4 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampled :

MW-10

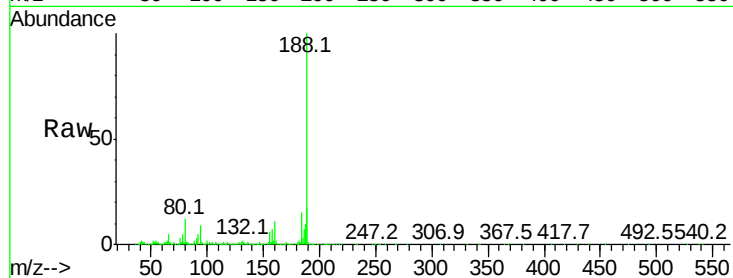
Tot Ion:188 Resp: 588528

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

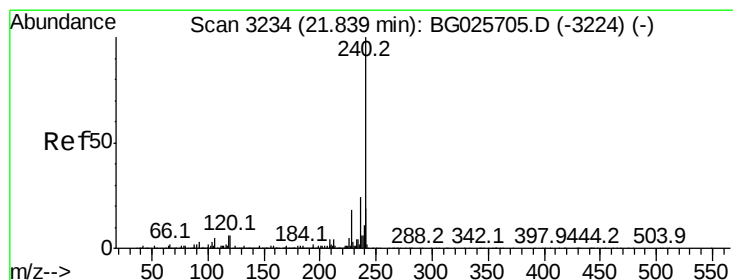
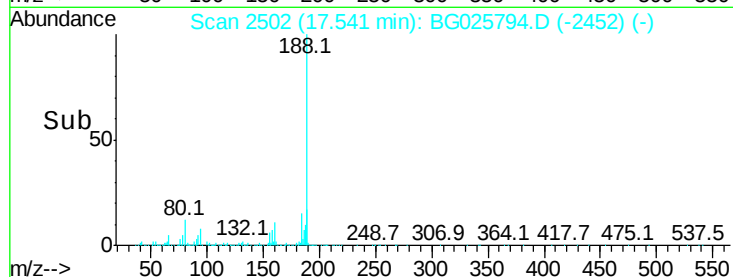
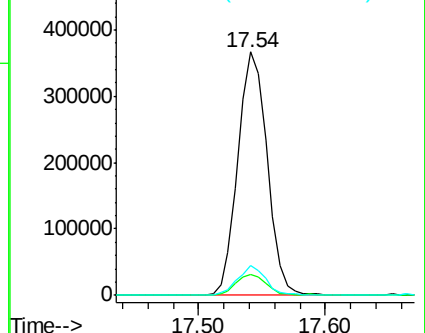
80 12.1 7.5 11.3#



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: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

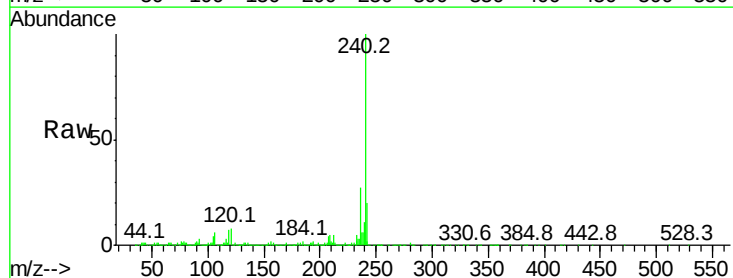
Tgt Ion:240 Resp: 715120

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

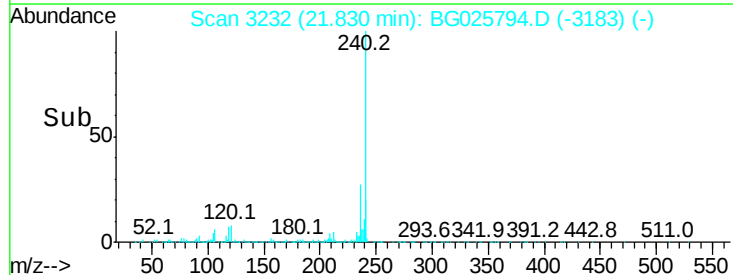
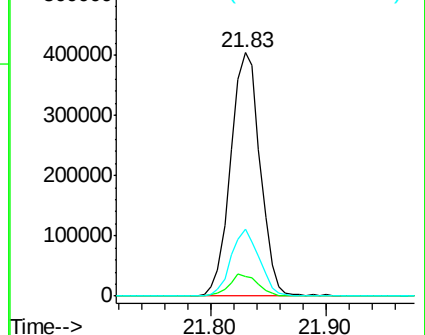
236 27.3 22.2 33.4

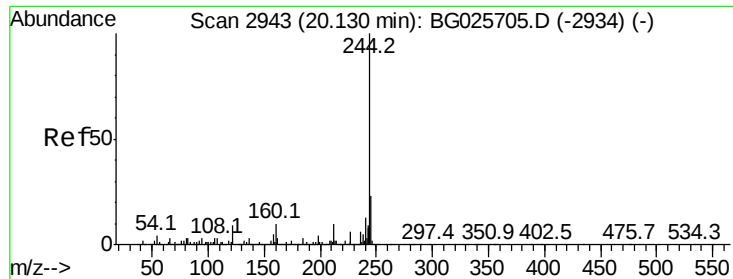


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.27 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

Instrument :

BNA_G

ClientSampleId :

MW-10

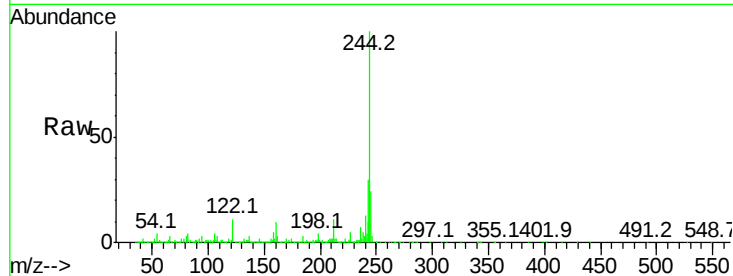
Tot Ion:244 Resp: 2289308

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	10.8	8.6	12.8

244 100

212 10.6 10.0 15.0

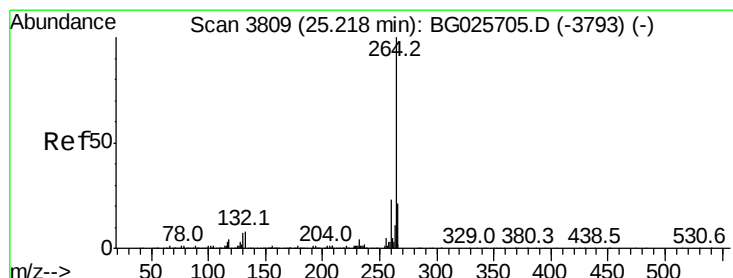
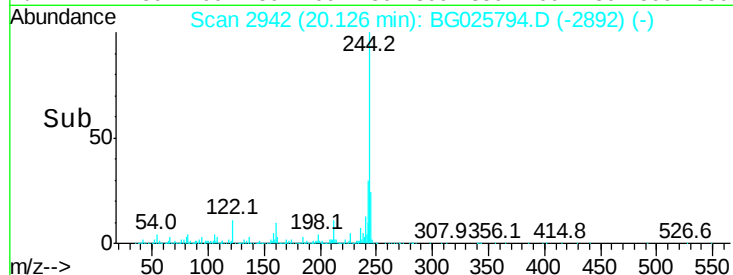
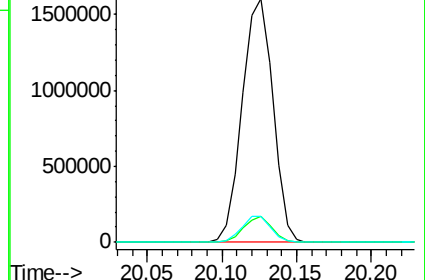
122 10.8 8.6 12.8



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: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025794.D

Acq: 3 Feb 2017 14:33

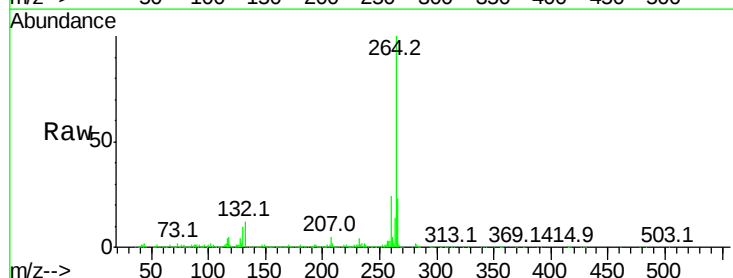
Tgt Ion:264 Resp: 716031

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.5	18.2	27.4

264 100

260 23.8 21.8 32.8

265 22.5 18.2 27.4



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

