

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025790.D
 Acq On : 3 Feb 2017 11:57
 Operator : SJ/MA
 Sample : I1646-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: Feb 03 12:55:45 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

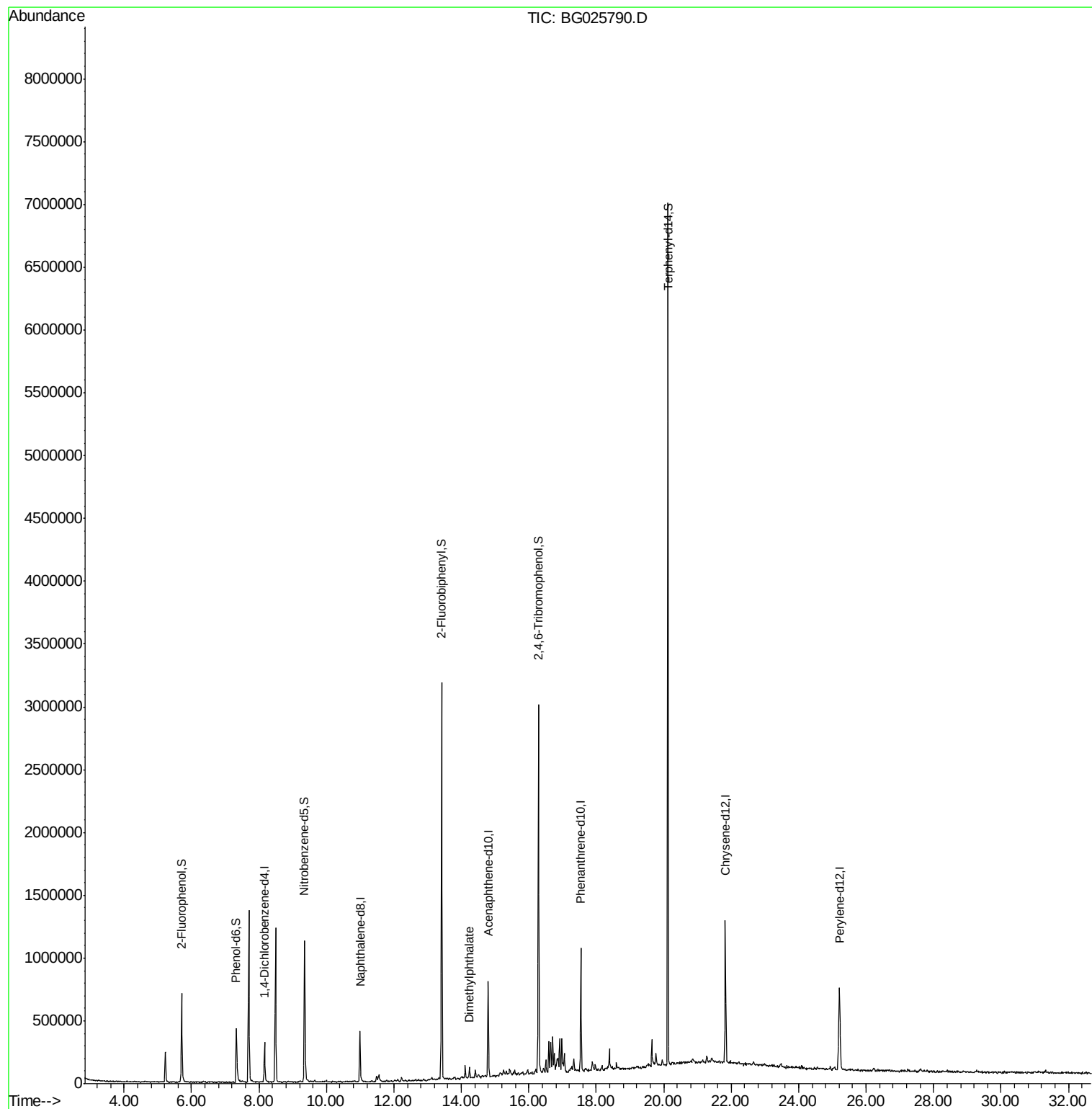
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	78196	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	339201	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	268840	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	602714	20.00	ng	0.00
75) Chrysene-d12	21.83	240	744868	20.00	ng	-0.01
86) Perylene-d12	25.21	264	754427	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	292673	67.08	ng	0.00
7) Phenol-d6	7.33	99	276772	43.43	ng	0.00
23) Nitrobenzene-d5	9.35	82	758253	94.45	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	542820	141.58	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1497702	90.48	ng	0.00
78) Terphenyl-d14	20.12	244	2495022	80.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	51512	2.54	ng	Qvalue # 93

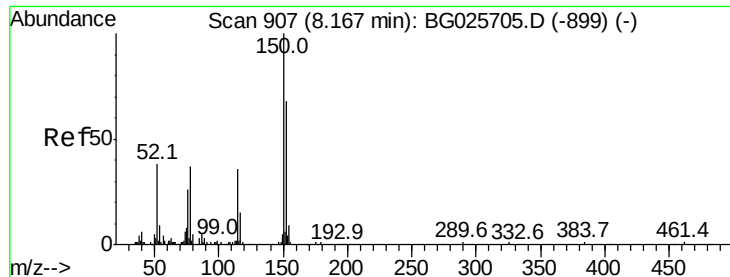
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

MW-14

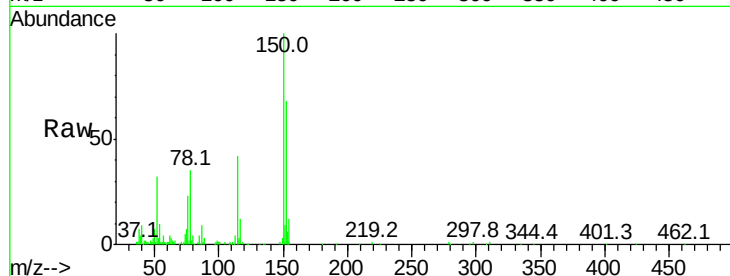
Tot Ion:152 Resp: 78196

Ion Ratio Lower Upper

152 100

150 146.2 114.0 171.0

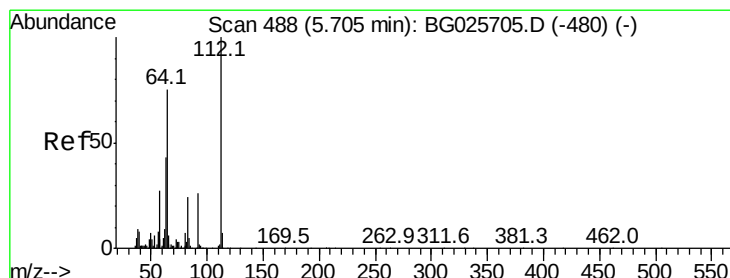
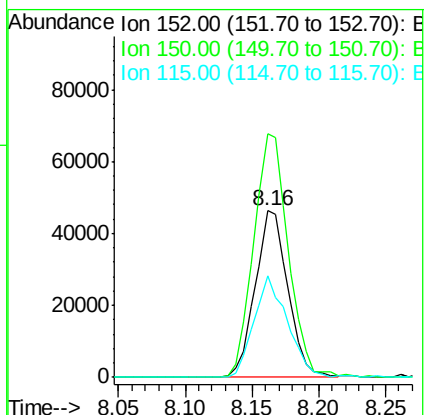
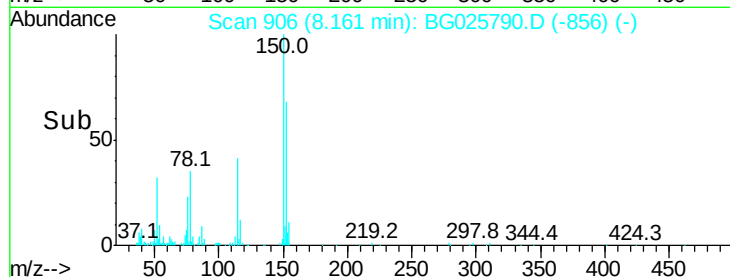
115 61.0 48.1 72.1



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



#5

2-Fluorophenol

Concen: 67.08 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

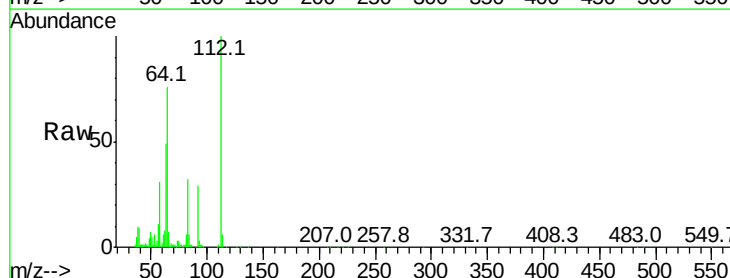
Tgt Ion:112 Resp: 292673

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

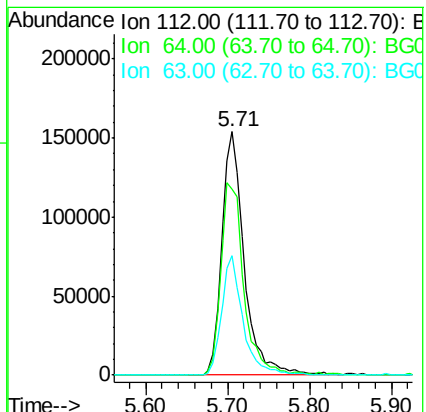
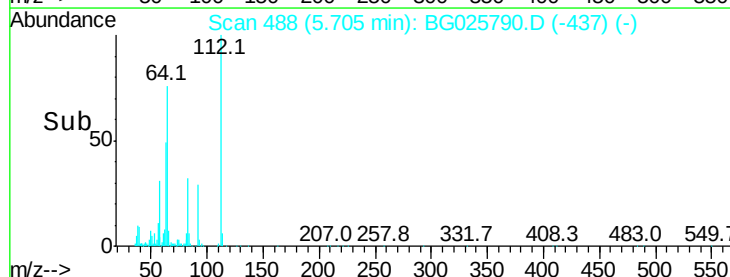
63 49.2 37.2 55.8

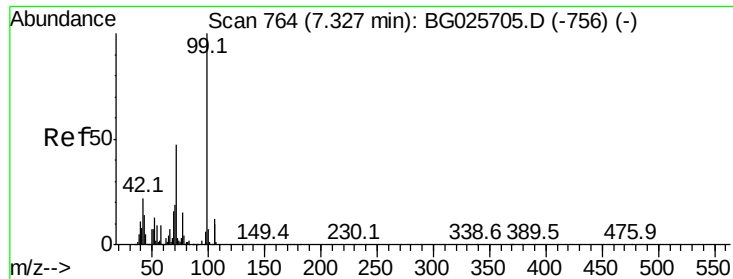


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.43 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

MW-14

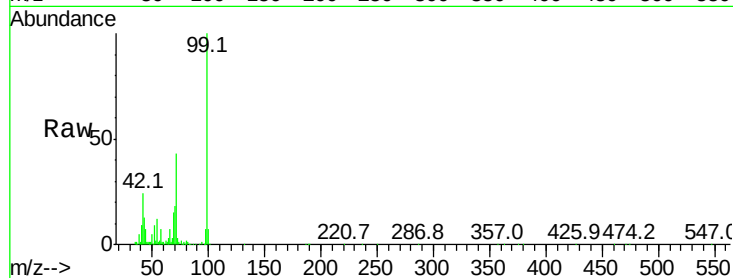
Tot Ion: 99 Resp: 276772

Ion Ratio Lower Upper

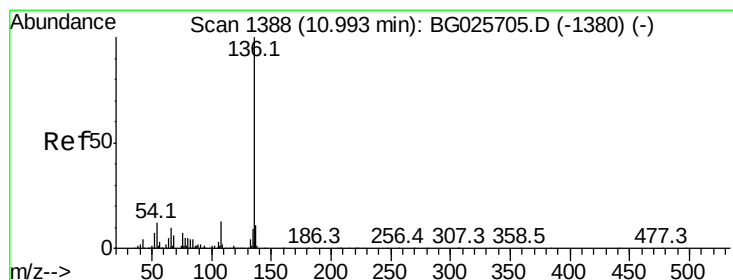
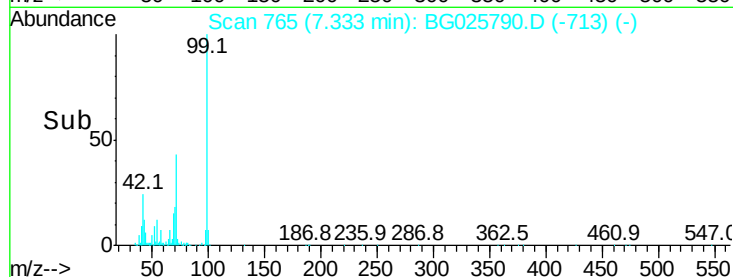
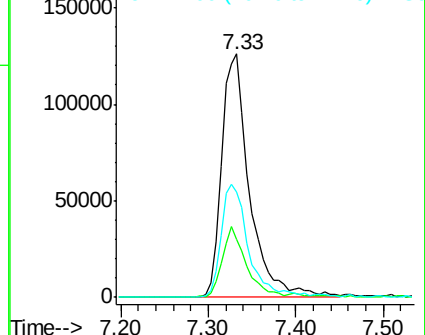
99 100

42 24.1 20.5 30.7

71 43.4 37.6 56.4



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: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Tgt Ion: 136 Resp: 339201

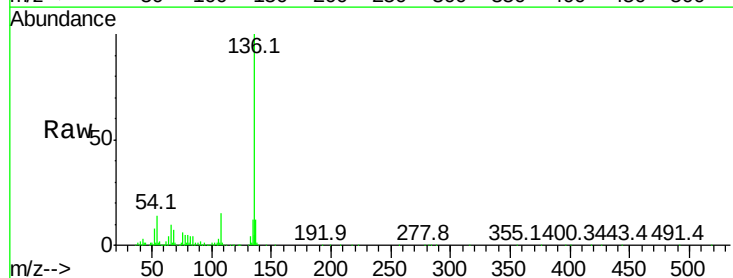
Ion Ratio Lower Upper

136 100

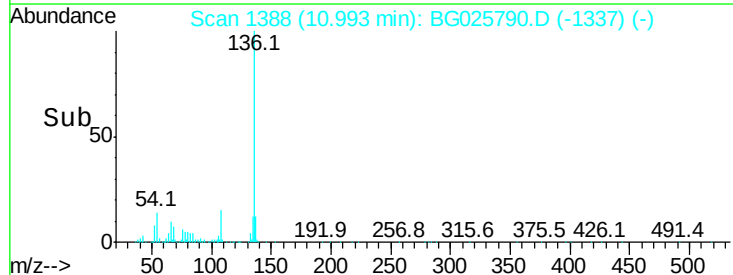
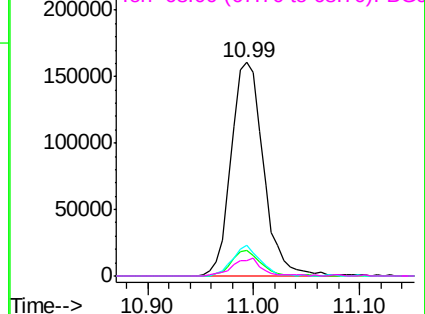
137 11.8 8.9 13.3

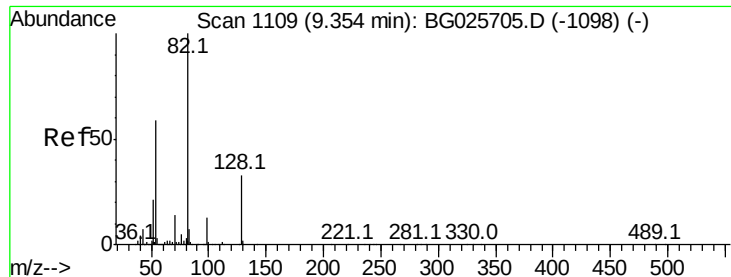
54 14.3 9.3 13.9#

68 8.3 5.1 7.7#



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

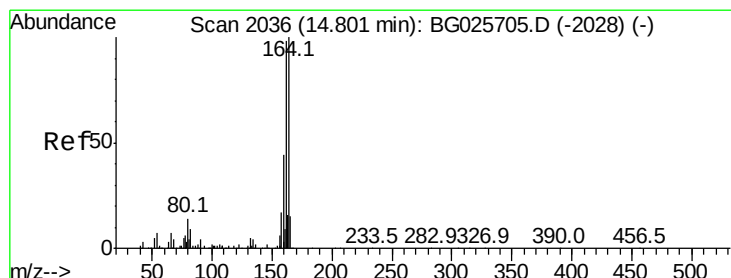
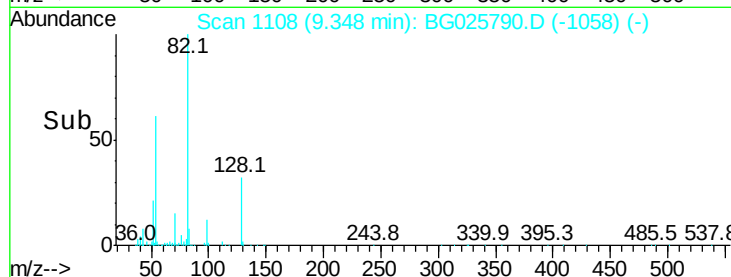
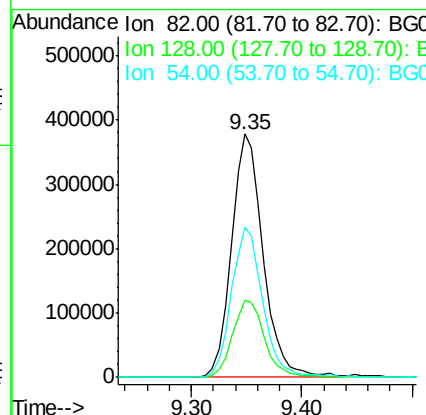
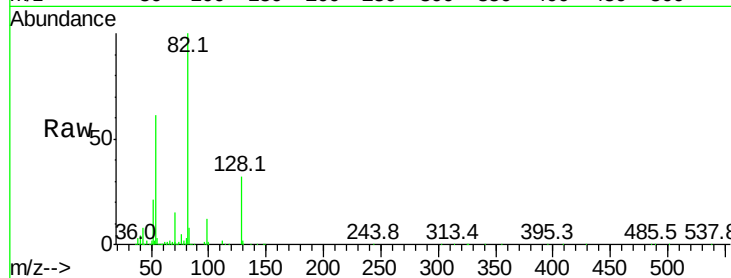




#23
 Nitrobenzene-d5
 Concen: 94.45 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025790.D
 Acq: 3 Feb 2017 11:57

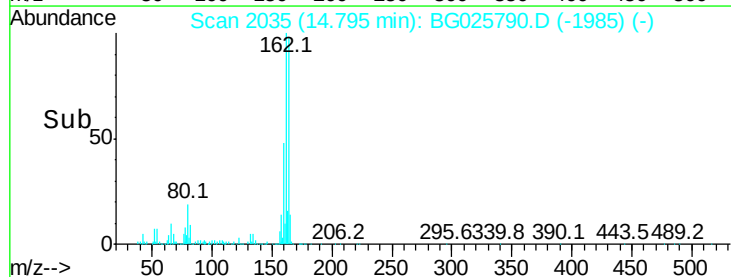
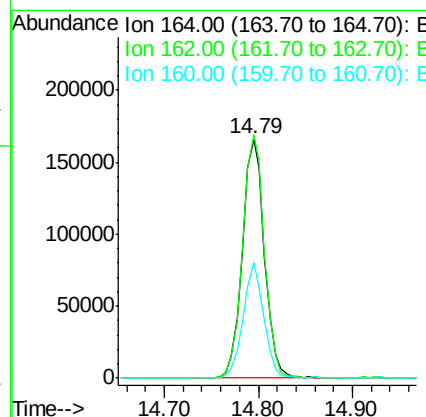
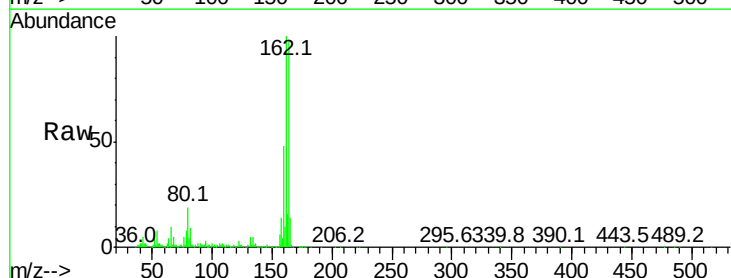
Instrument :
 BNA_G
 ClientSampleId :
 MW-14

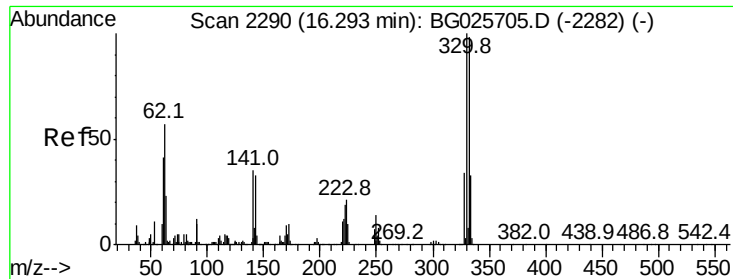
Tot Ion	82	Resp	758253
Ion Ratio	100	Lower	Upper
128	31.9	26.4	39.6
54	61.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025790.D
 Acq: 3 Feb 2017 11:57

Tgt Ion	164	Resp	268840
Ion Ratio	100	Lower	Upper
162	102.0	85.1	127.7
160	48.5	34.7	52.1

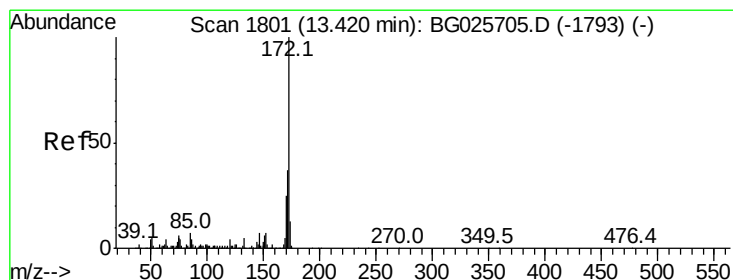
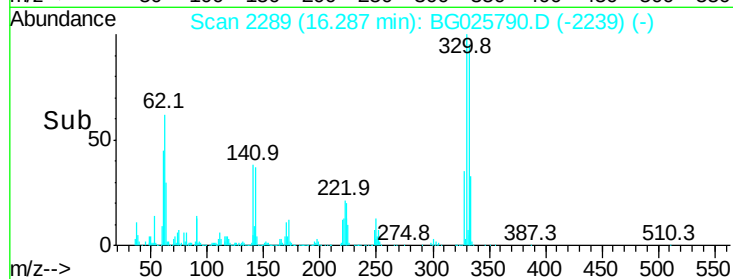
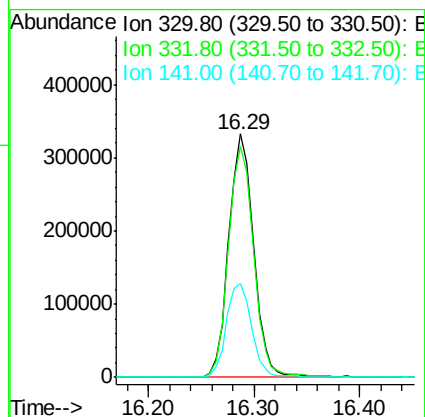
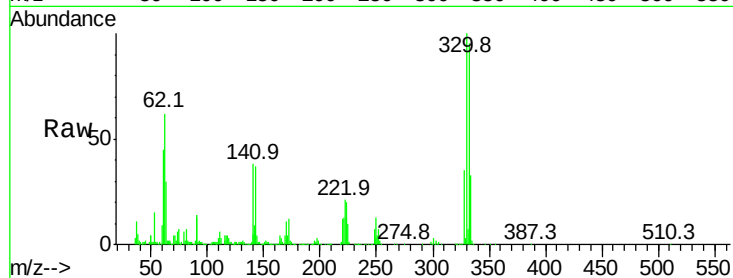




#41
 2,4,6-Tribromophenol
 Concen: 141.58 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025790.D
 Acq: 3 Feb 2017 11:57

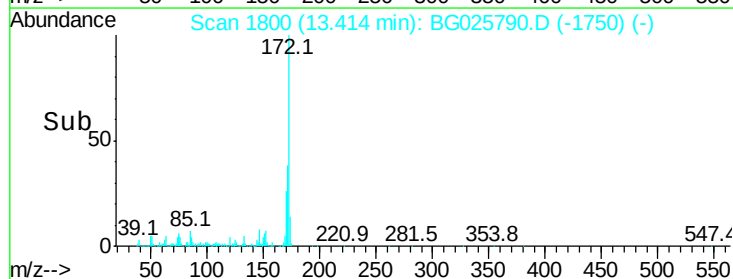
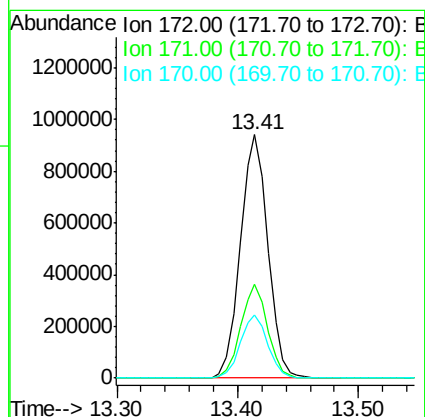
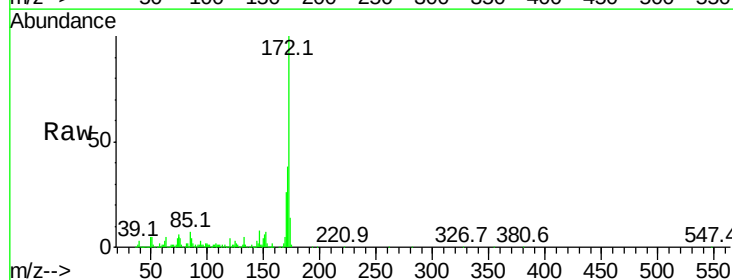
Instrument :
 BNA_G
 ClientSampled :
 MW-14

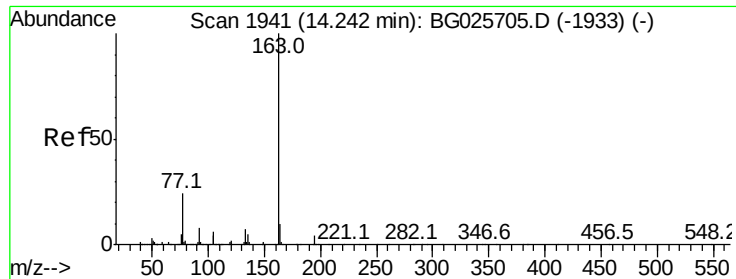
Tot Ion:330 Resp: 542820
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 38.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025790.D
 Acq: 3 Feb 2017 11:57

Tgt Ion:172 Resp: 1497702
 Ion Ratio Lower Upper
 172 100
 171 38.4 32.2 48.2
 170 25.9 21.8 32.6





#49

Dimethylphthalate

Concen: 2.54 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

MW-14

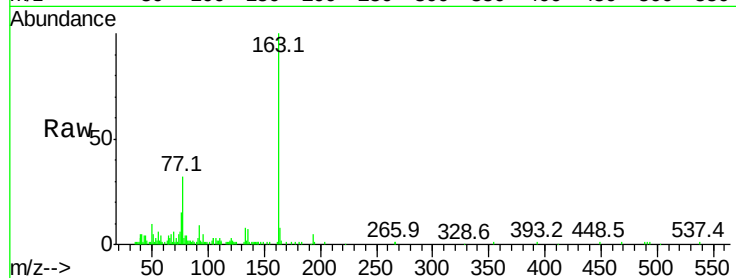
Tot Ion:163 Resp: 51512

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

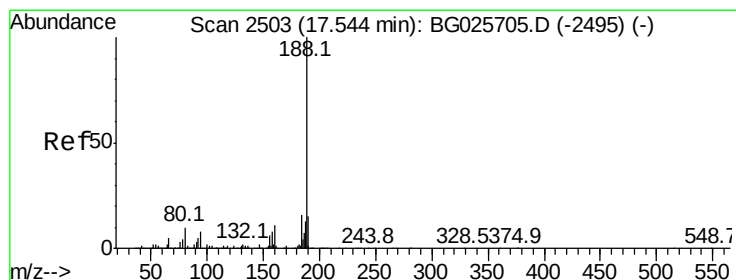
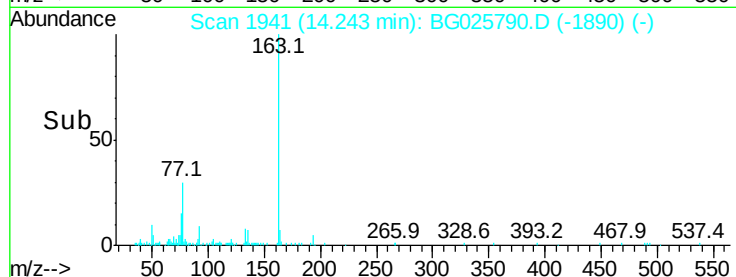
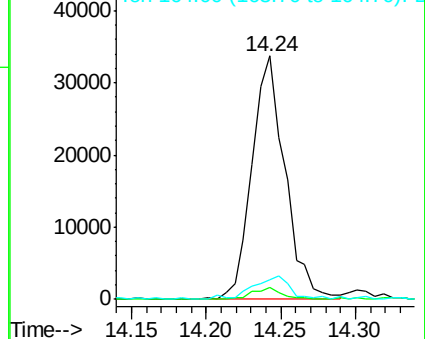
164 8.0 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

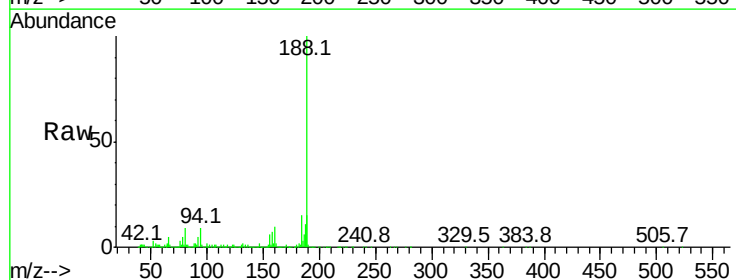
Tgt Ion:188 Resp: 602714

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.8#

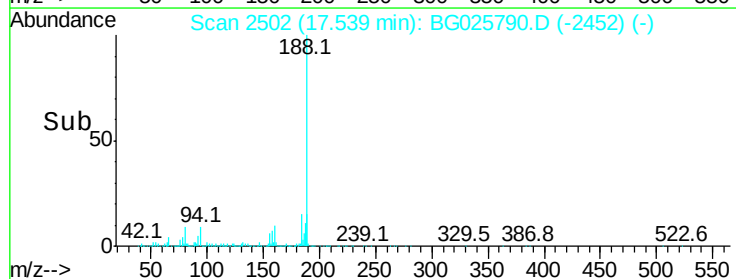
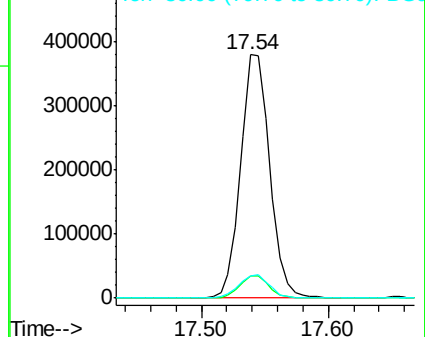
80 9.4 7.5 11.3

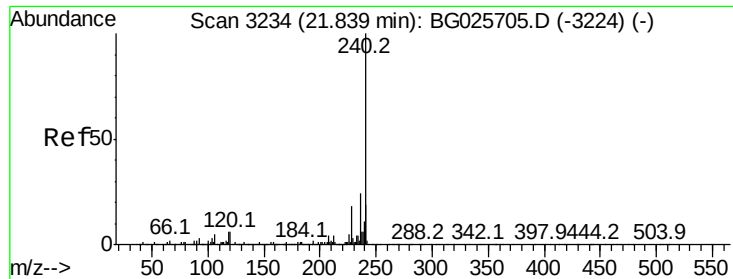


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampled :

MW-14

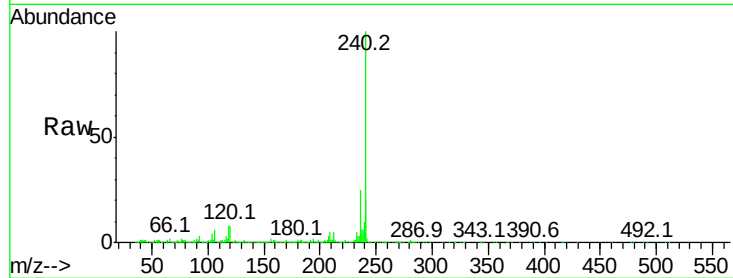
Tot Ion:240 Resp: 744868

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

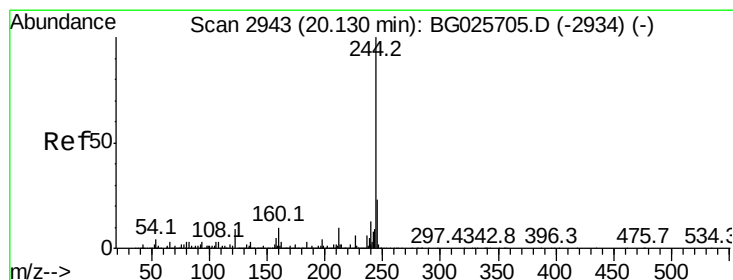
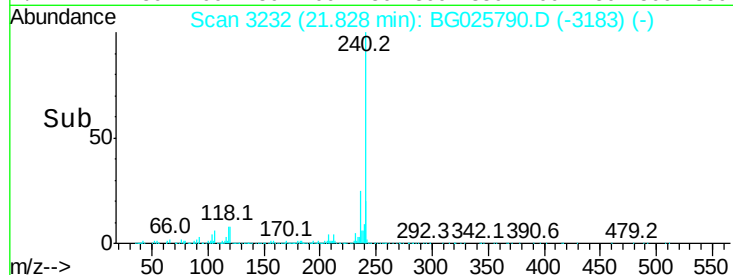
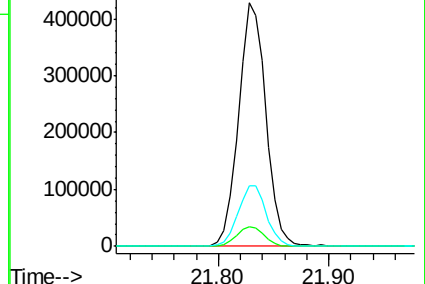
236 25.0 22.2 33.4



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: 80.85 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

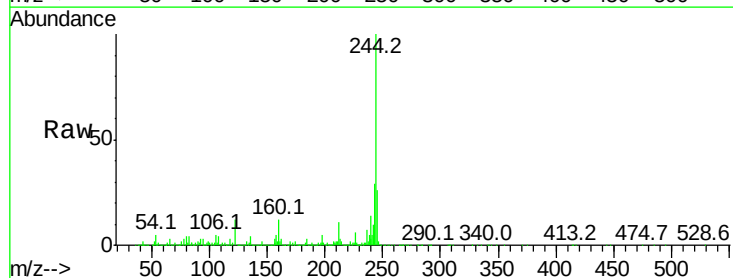
Tgt Ion:244 Resp: 2495022

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

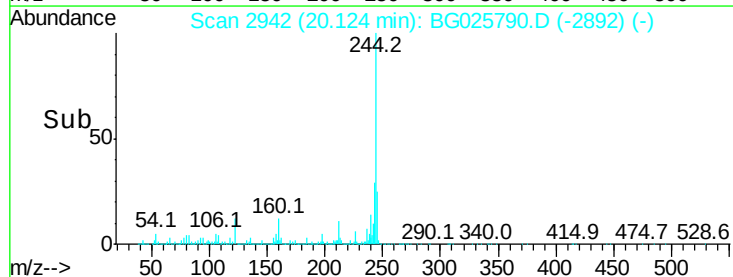
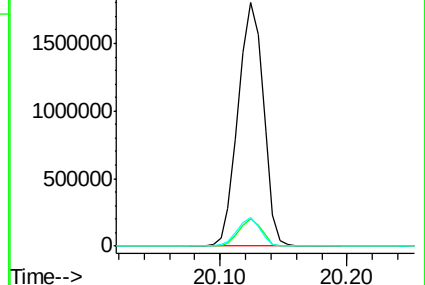
122 11.7 8.6 12.8

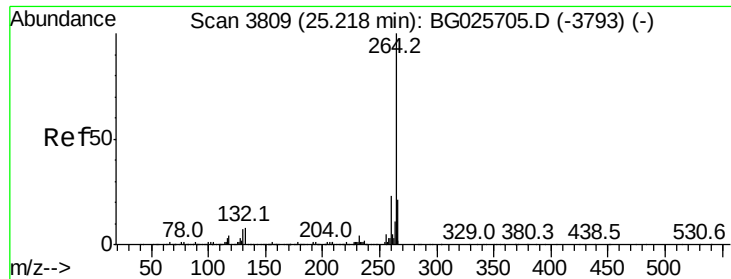


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

Instrument :
BNA_G
ClientSampleId :
MW-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	20.2	18.2	27.4

