

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025793.D
 Acq On : 3 Feb 2017 13:54
 Operator : SJ/MA
 Sample : I1646-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ULMERFB-1-013017

Quant Time: Feb 03 15:12:35 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	8.17	152	71004	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	313454	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	255695	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	583849	20.00	ng	0.00
75) Chrysene-d12	21.83	240	711246	20.00	ng	-0.01
86) Perylene-d12	25.21	264	709869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	269934	68.13	ng	0.00
7) Phenol-d6	7.33	99	247327	42.74	ng	0.00
23) Nitrobenzene-d5	9.35	82	667194	89.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	493202	135.25	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1348473	85.65	ng	0.00
78) Terphenyl-d14	20.12	244	2517282	85.43	ng	0.00

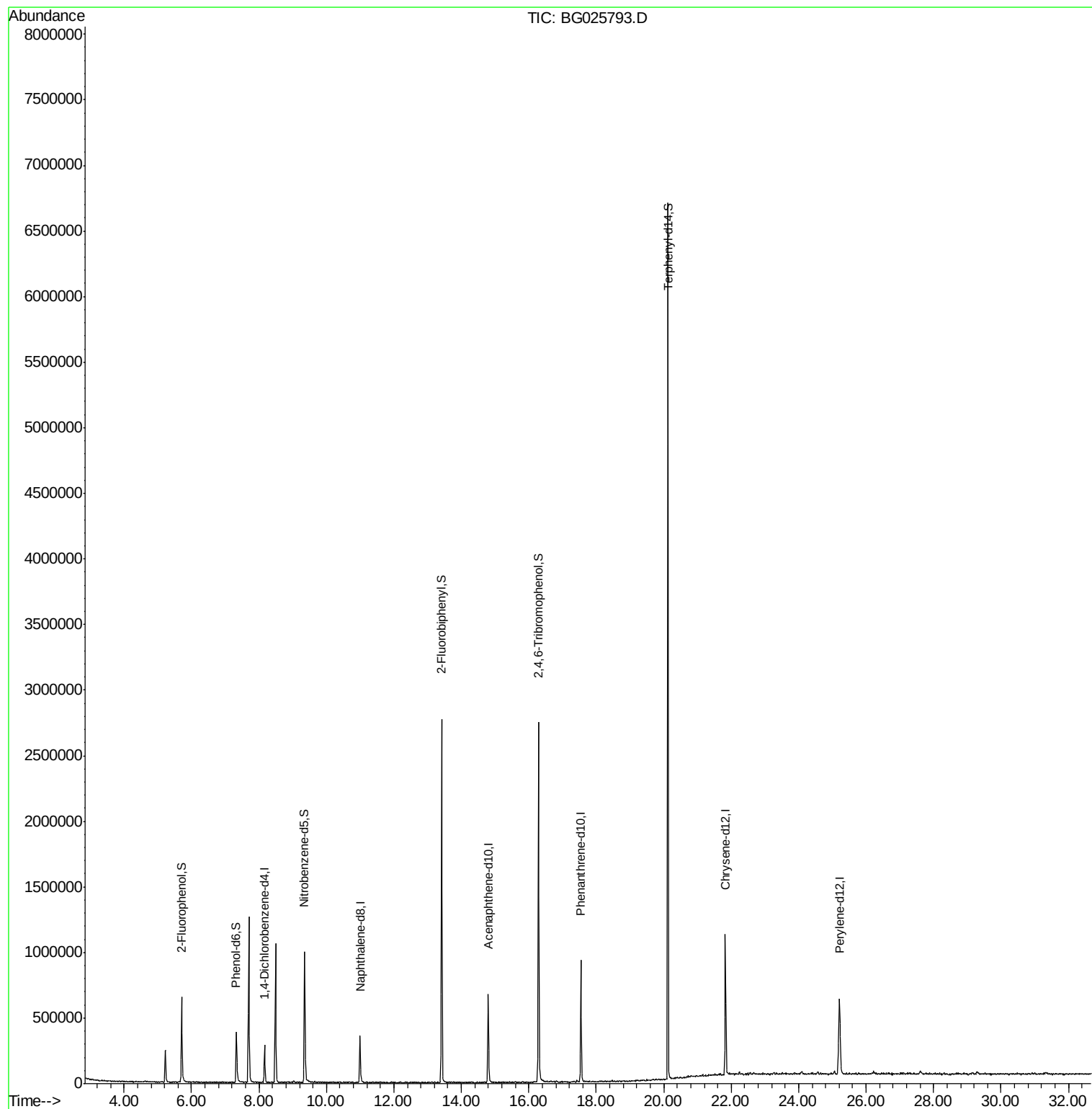
Target Compounds Qvalue

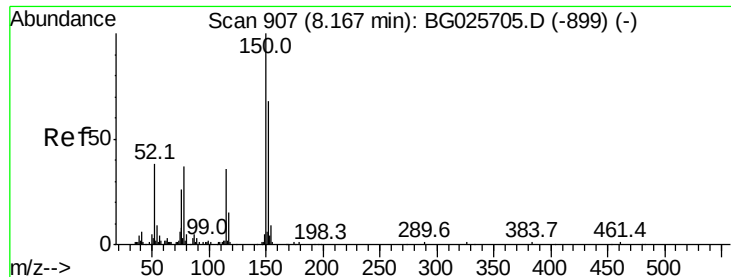
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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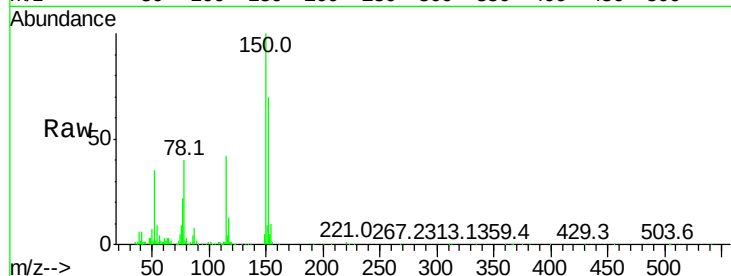


#1

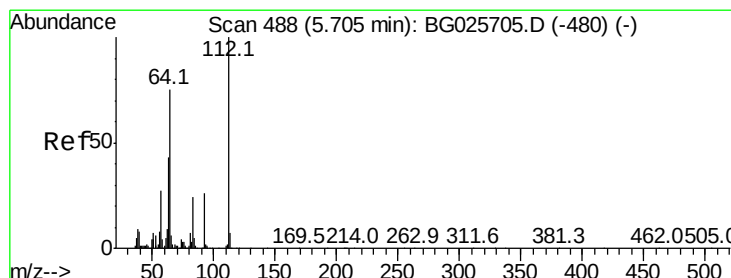
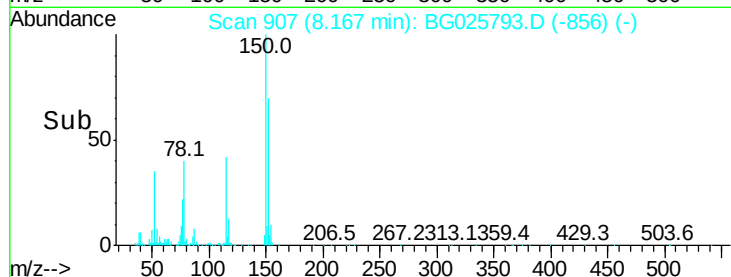
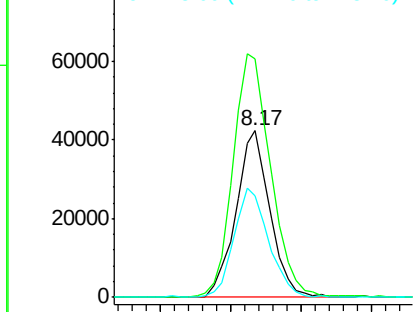
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :
ULMERFB-1-013017

Tot Ion:152 Resp: 71004
Ion Ratio Lower Upper
152 100
150 143.8 114.0 171.0
115 61.1 48.1 72.1



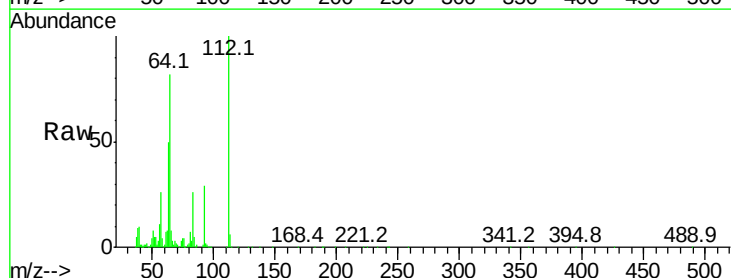
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



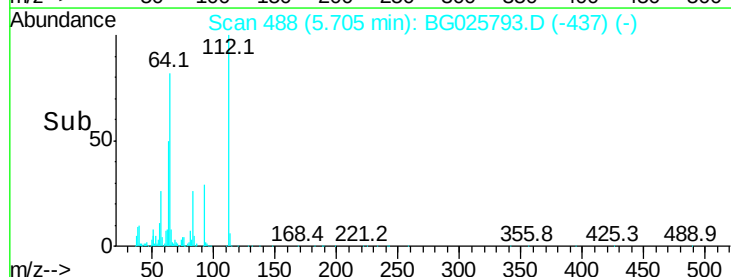
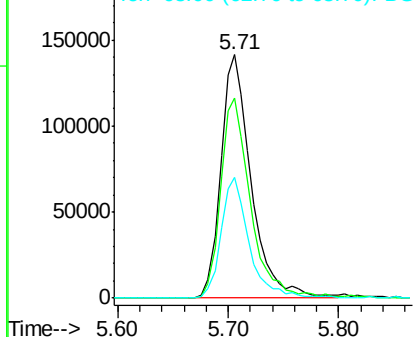
#5

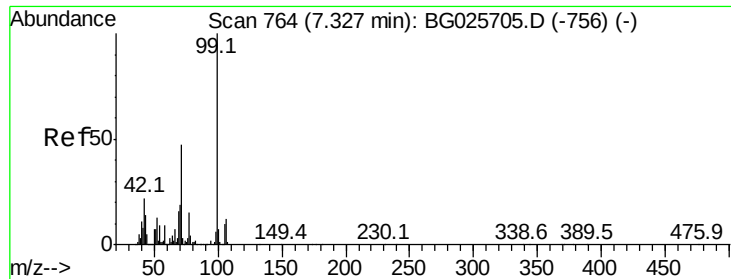
2-Fluorophenol
Concen: 68.13 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:112 Resp: 269934
Ion Ratio Lower Upper
112 100
64 82.4 61.8 92.6
63 49.8 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: 42.74 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025793.D

Acq: 3 Feb 2017 13:54

Instrument :

BNA_G

ClientSampleId :

ULMERFB-1-013017

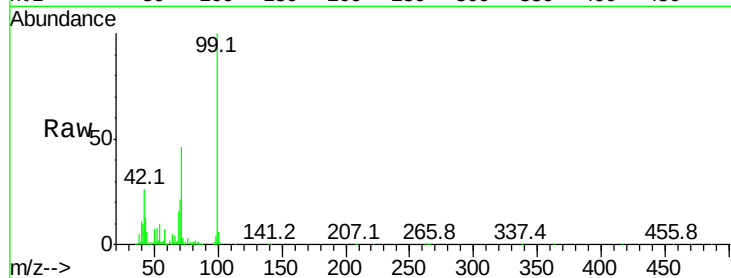
Tot Ion: 99 Resp: 247327

Ion Ratio Lower Upper

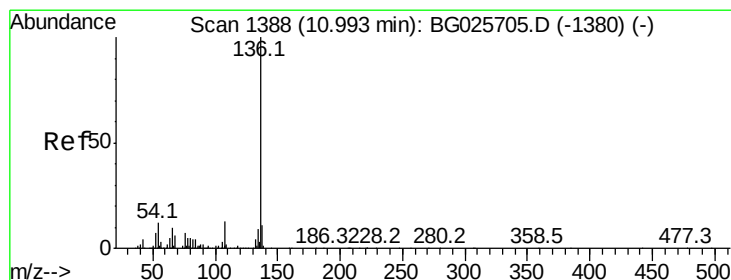
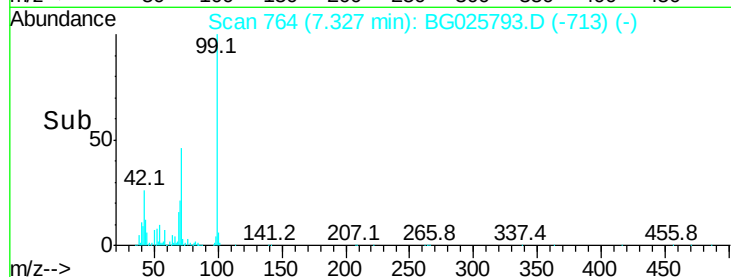
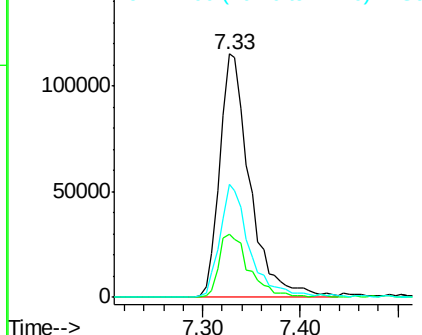
99 100

42 25.7 20.5 30.7

71 46.5 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: BG025793.D

Acq: 3 Feb 2017 13:54

Tgt Ion: 136 Resp: 313454

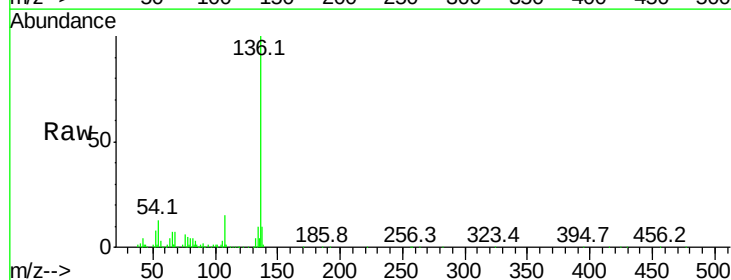
Ion Ratio Lower Upper

136 100

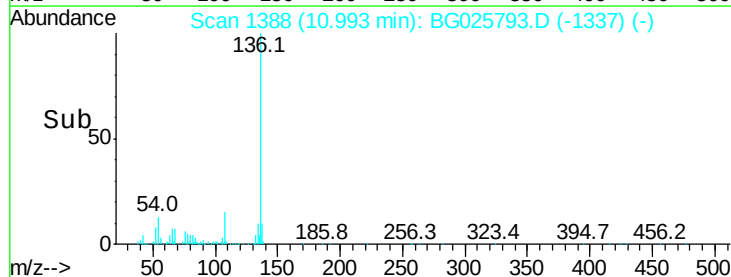
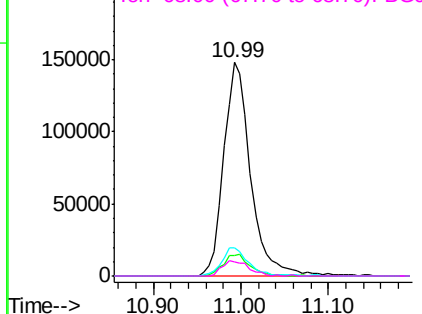
137 9.7 8.9 13.3

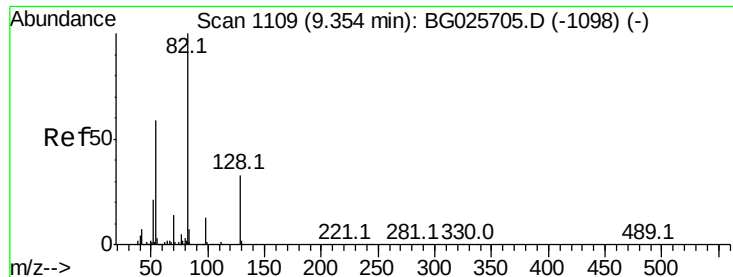
54 12.9 9.3 13.9

68 6.6 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

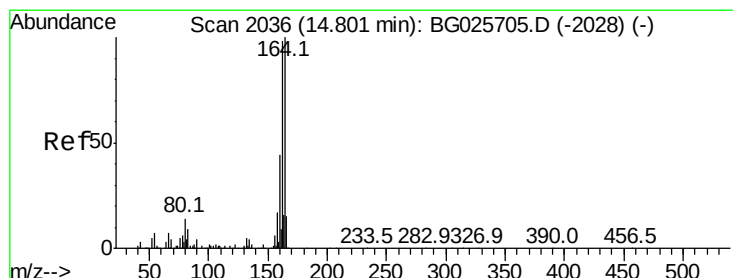
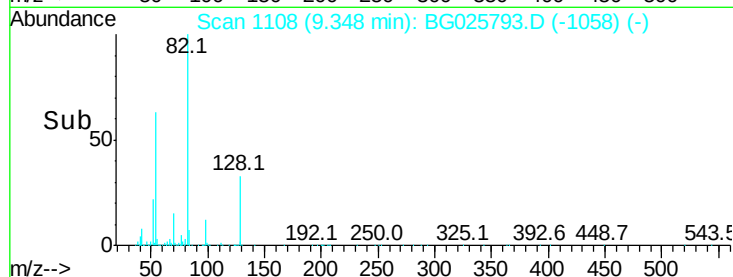
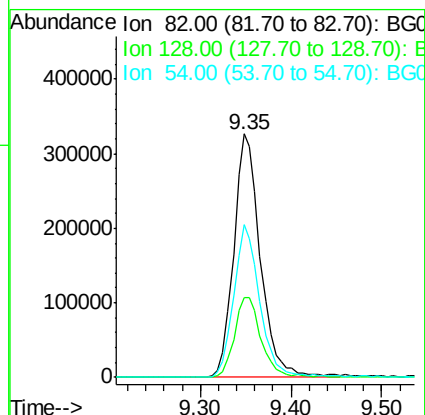
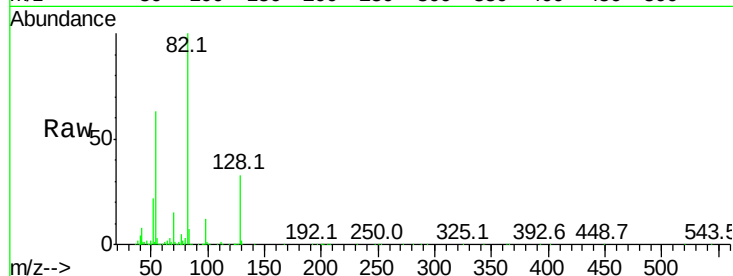




#23
 Nitrobenzene-d5
 Concen: 89.94 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025793.D
 Acq: 3 Feb 2017 13:54

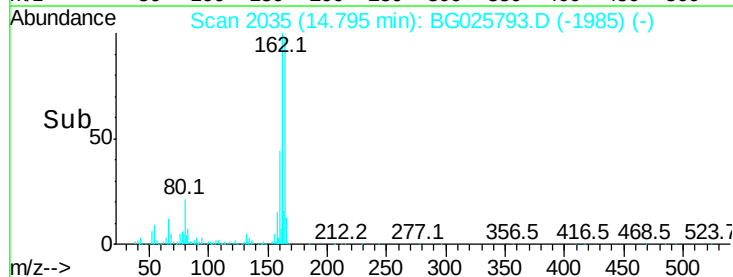
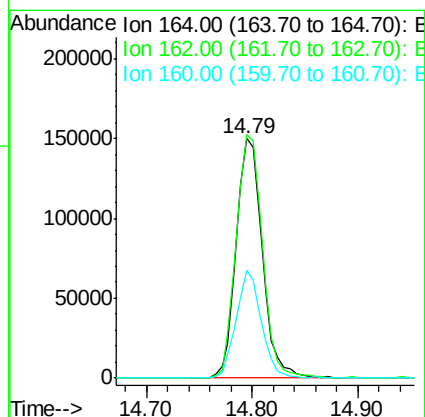
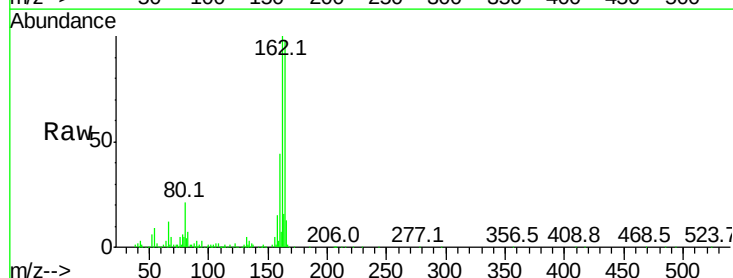
Instrument :
 BNA_G
 ClientSampleId :
 ULMERFB-1-013017

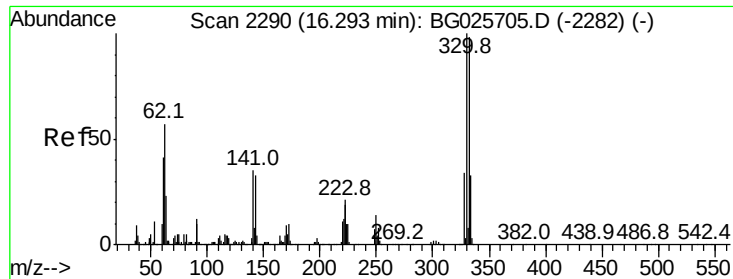
Tot Ion	82	Resp	667194
Ion Ratio	100	Lower	Upper
128	32.8	26.4	39.6
54	62.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025793.D
 Acq: 3 Feb 2017 13:54

Tgt Ion	164	Resp	255695
Ion Ratio	100	Lower	Upper
162	101.6	85.1	127.7
160	45.0	34.7	52.1

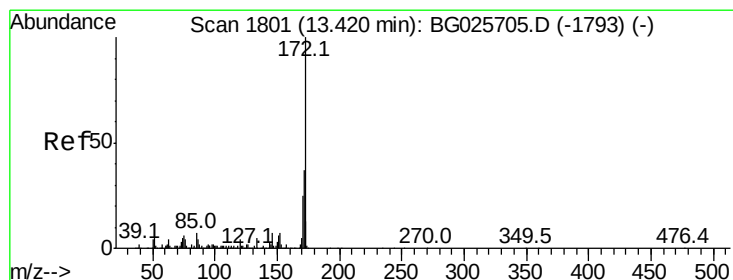
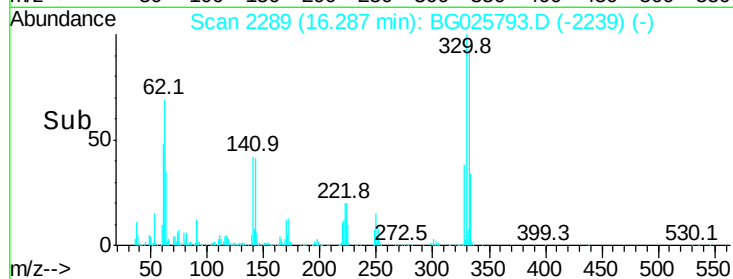
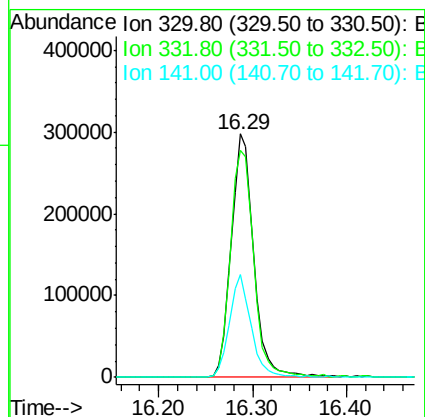
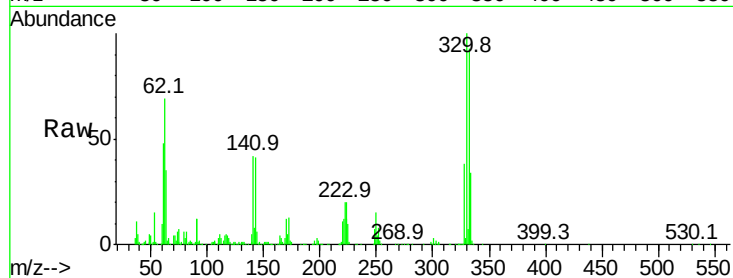




#41
 2,4,6-Tribromophenol
 Concen: 135.25 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025793.D
 Acq: 3 Feb 2017 13:54

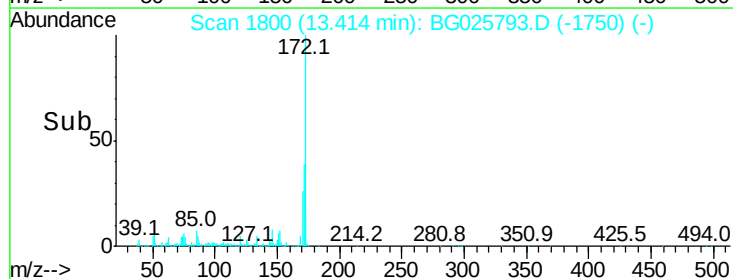
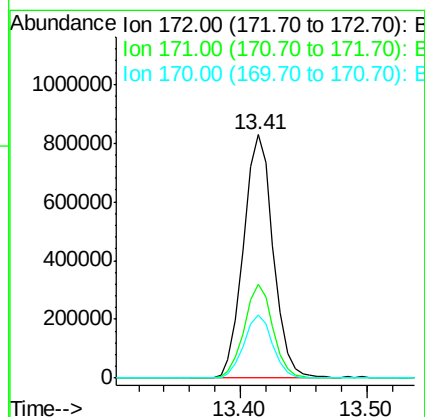
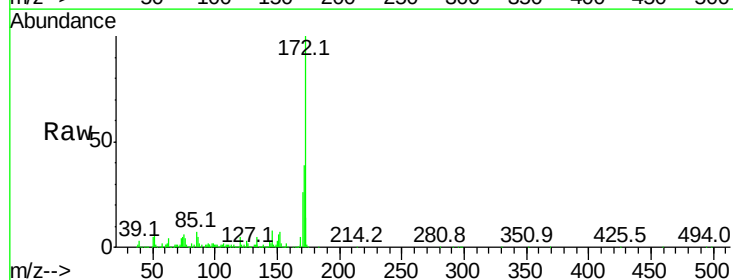
Instrument :
 BNA_G
 ClientSampleId :
 ULMERFB-1-013017

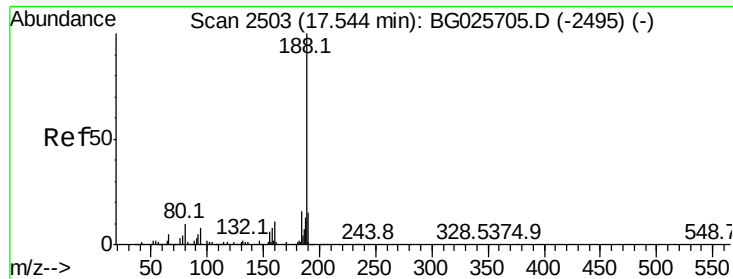
Tot Ion:330 Resp: 493202
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 41.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025793.D
 Acq: 3 Feb 2017 13:54

Tgt Ion:172 Resp: 1348473
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 25.8 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025793.D

Acq: 3 Feb 2017 13:54

Instrument :

BNA_G

ClientSampleId :

ULMERFB-1-013017

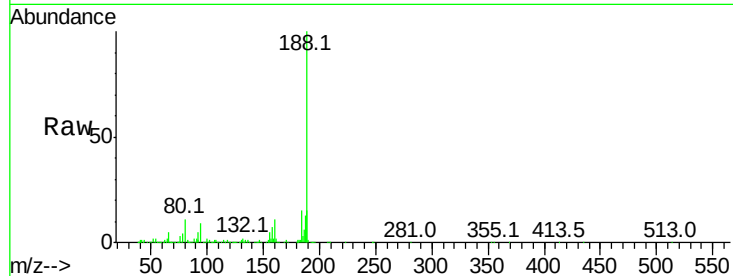
Tot Ion:188 Resp: 583849

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

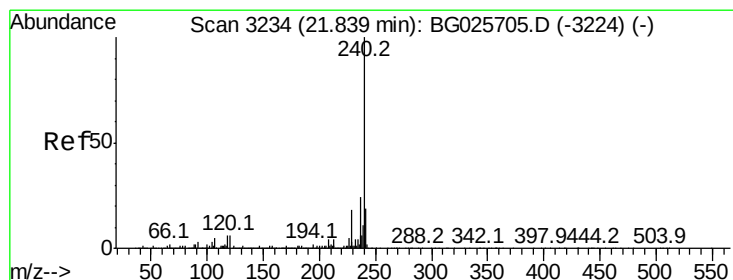
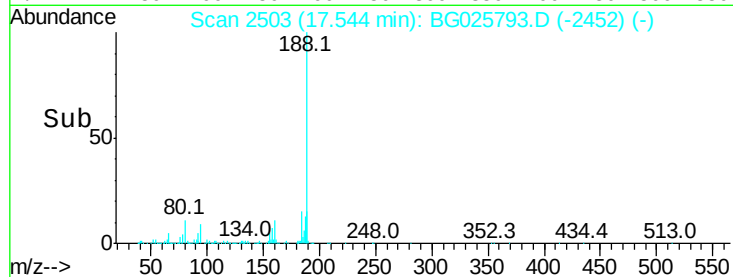
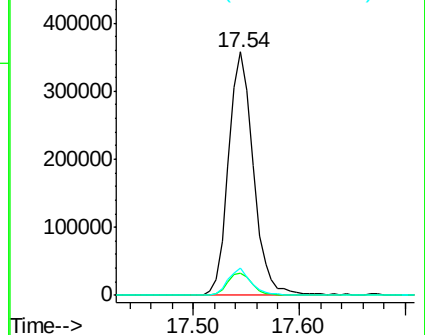
80 11.0 7.5 11.3



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: BG025793.D

Acq: 3 Feb 2017 13:54

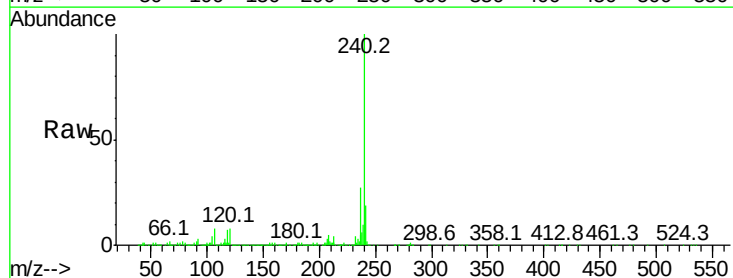
Tgt Ion:240 Resp: 711246

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

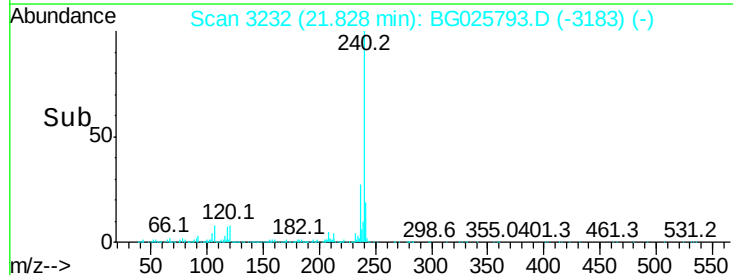
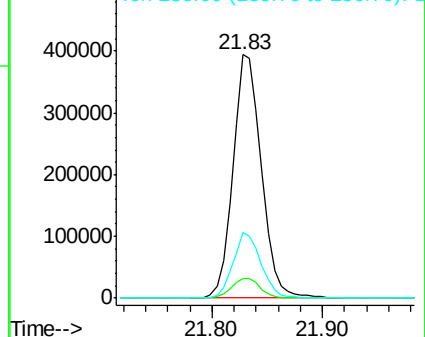
236 26.8 22.2 33.4

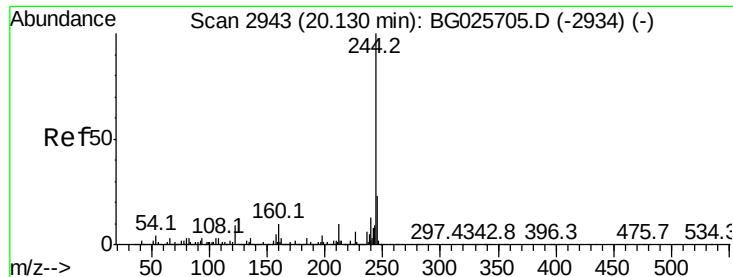


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.43 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025793.D

Acq: 3 Feb 2017 13:54

Instrument :

BNA_G

ClientSampleId :

ULMERFB-1-013017

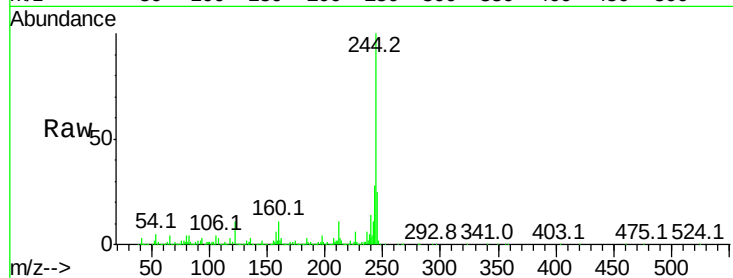
Tot Ion:244 Resp: 2517282

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

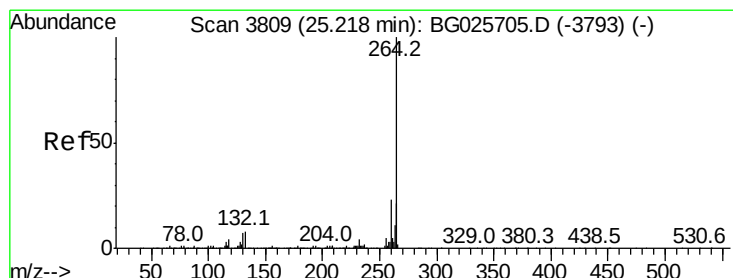
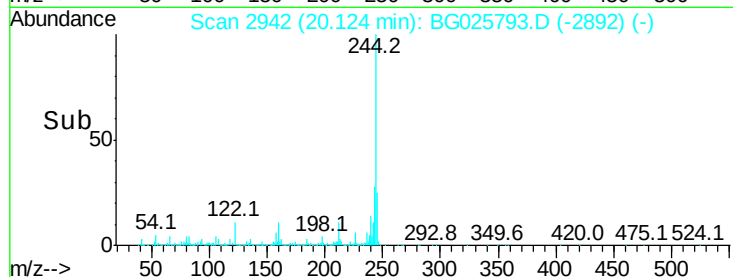
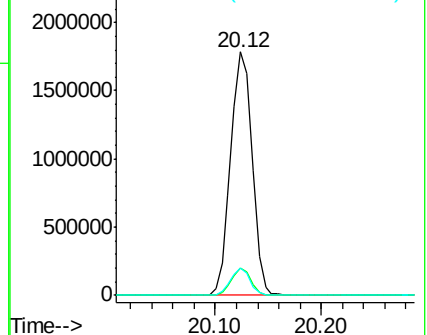
122 11.5 8.6 12.8



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# 3808

Delta R.T. -0.01 min

Lab File: BG025793.D

Acq: 3 Feb 2017 13:54

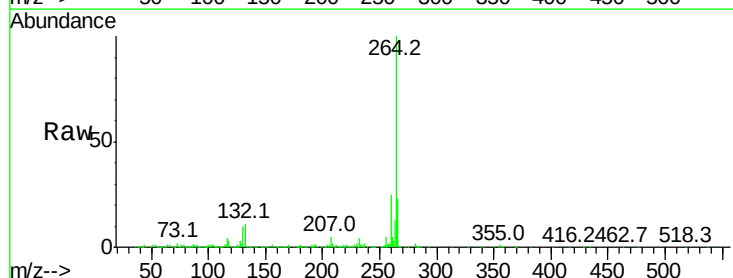
Tgt Ion:264 Resp: 709869

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

265 22.8 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

