

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033790.D
 Acq On : 13 Apr 2018 2:13
 Operator : SJ/JU
 Sample : PB108178BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108178BL

Quant Time: Apr 13 03:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29782	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	126410	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97019	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	297909	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325017	20.00	ng	0.00
86) Perylene-d12	26.31	264	337281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	282915	178.13	ng	0.00
7) Phenol-d6	7.96	99	421771	154.55	ng	0.00
23) Nitrobenzene-d5	10.06	82	263965	95.94	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	199507	137.49	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	633135	94.21	ng	0.00
78) Terphenyl-d14	20.73	244	1448831	95.33	ng	0.00

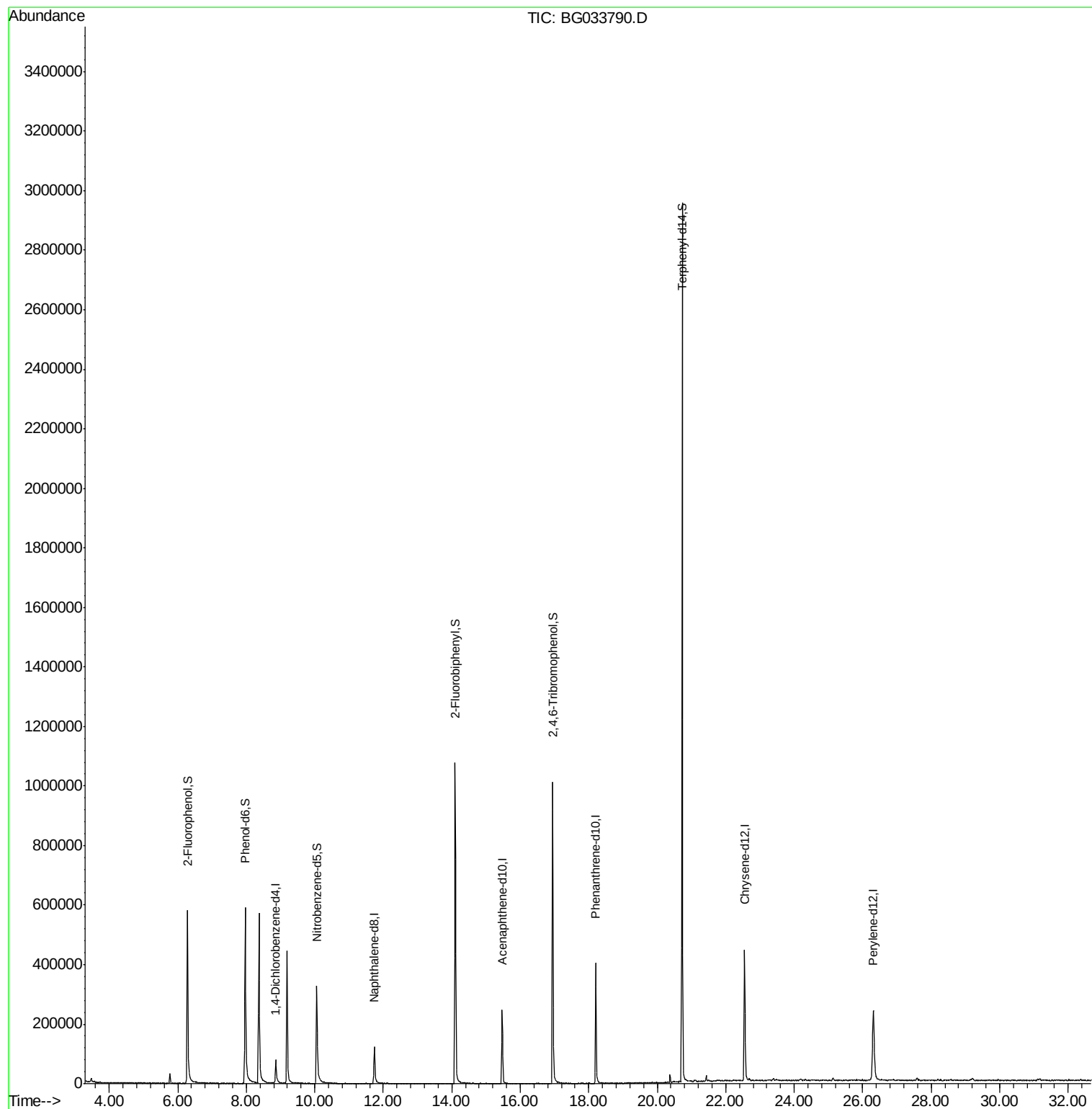
Target Compounds Qvalue

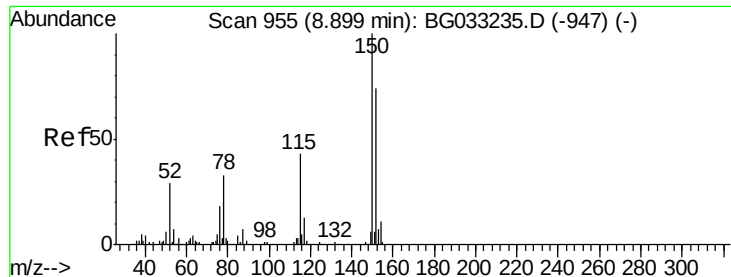
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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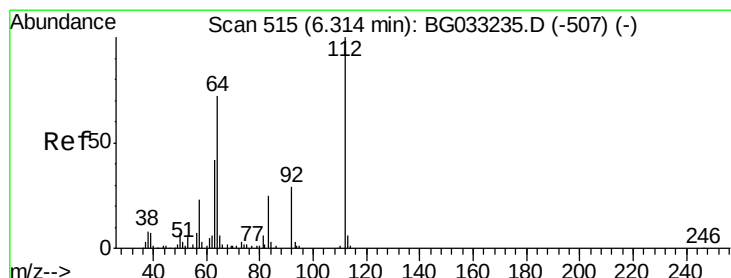
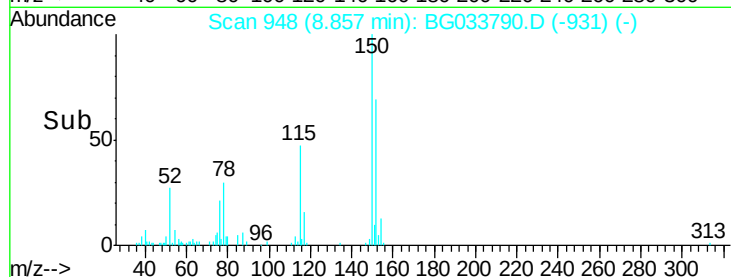
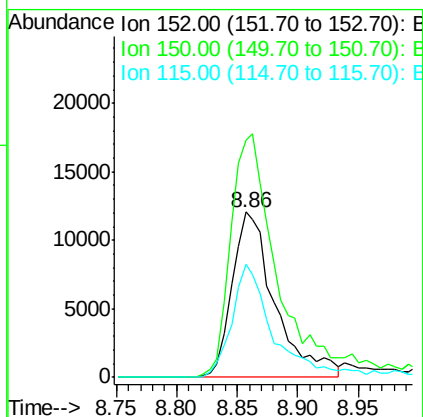
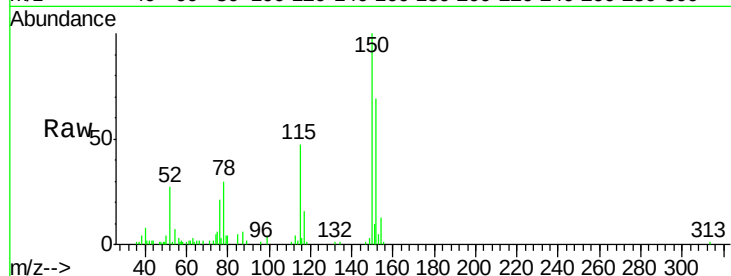


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033790.D
Acq: 13 Apr 2018 2:13

Instrument :
BNA_G
ClientSampleId :
PB108178BL

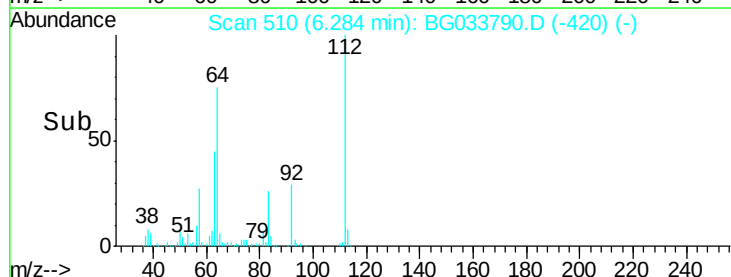
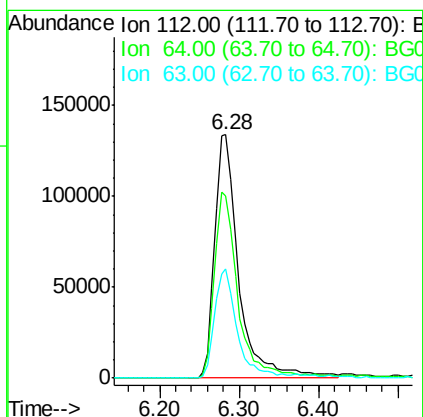
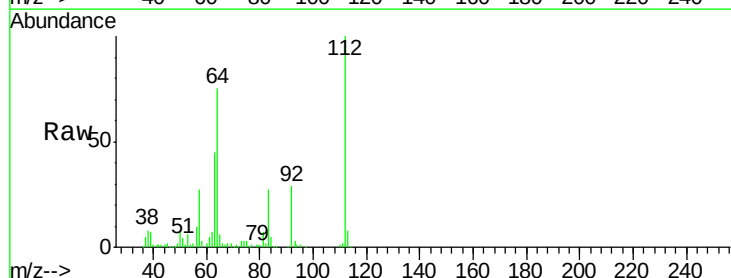
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	126.6	189.8
115	68.3	53.0	79.4

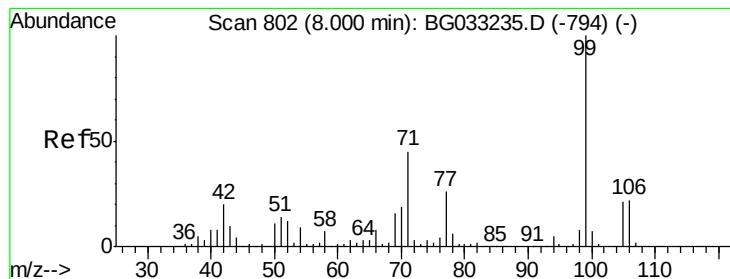


#5

2-Fluorophenol
Concen: 178.128 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033790.D
Acq: 13 Apr 2018 2:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	45.0	30.1	45.1





#7

Phenol-d6

Concen: 154.553 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033790.D

Acq: 13 Apr 2018 2:13

Instrument :

BNA_G

ClientSampleId :

PB108178BL

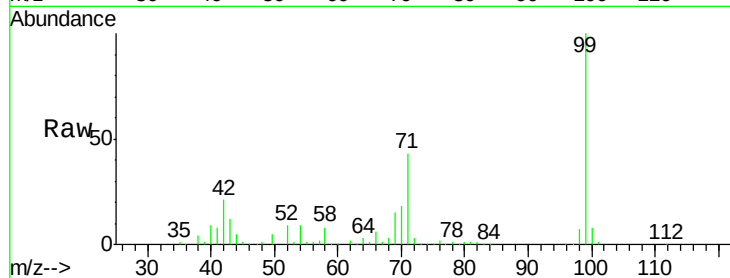
Tot Ion: 99 Resp: 421771

Ion Ratio Lower Upper

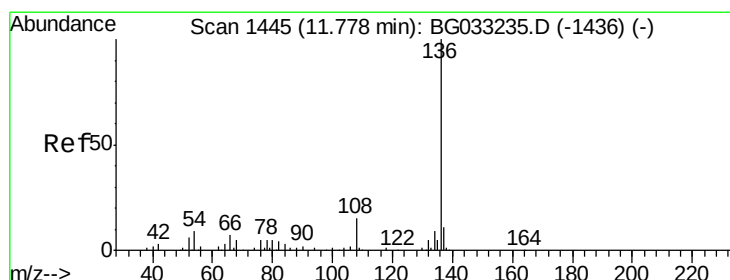
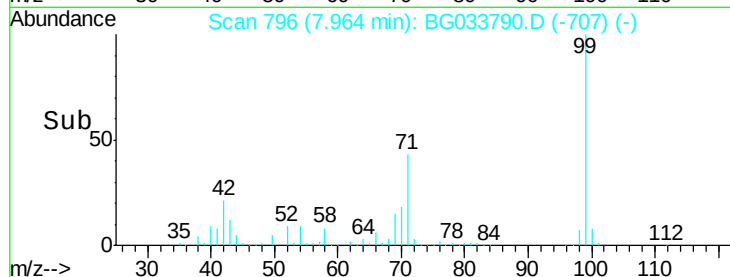
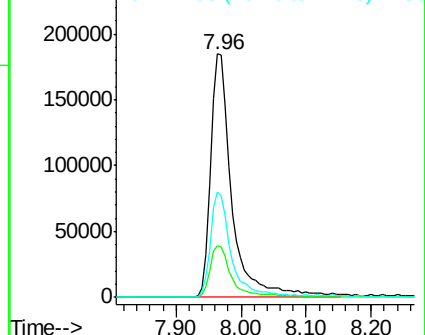
99 100

42 21.2 14.1 21.1#

71 43.2 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: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033790.D

Acq: 13 Apr 2018 2:13

Tgt Ion: 136 Resp: 126410

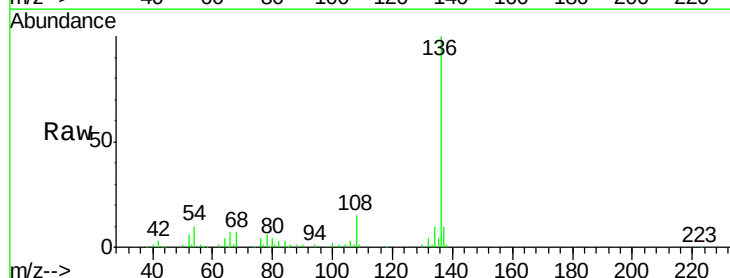
Ion Ratio Lower Upper

136 100

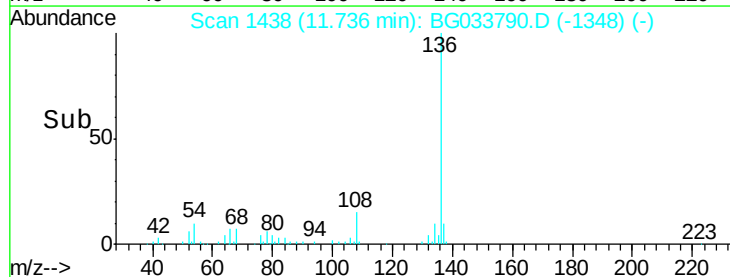
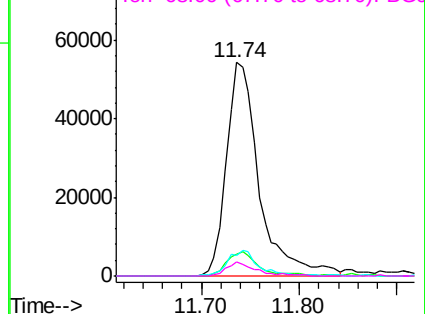
137 10.1 9.2 13.8

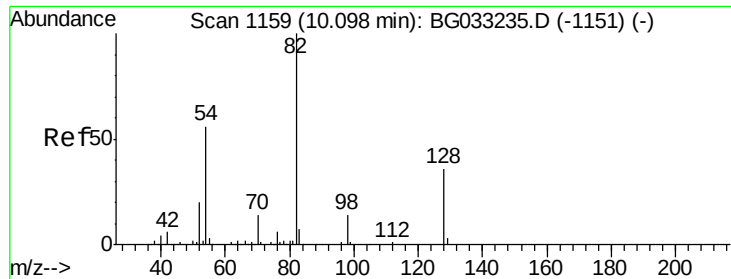
54 9.7 10.3 15.5#

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

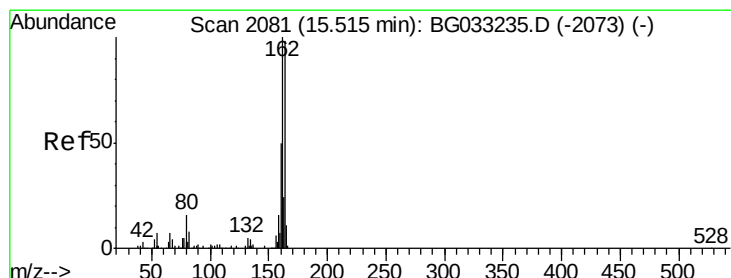
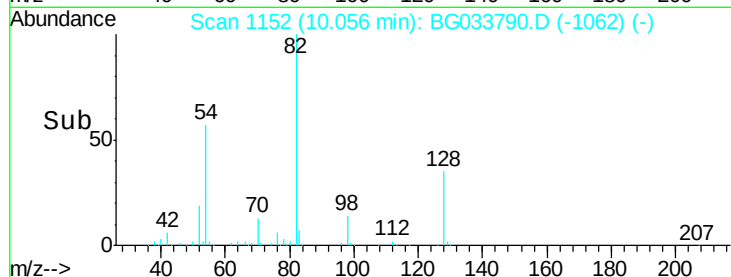
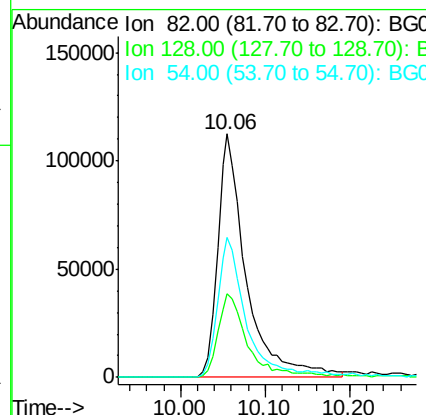
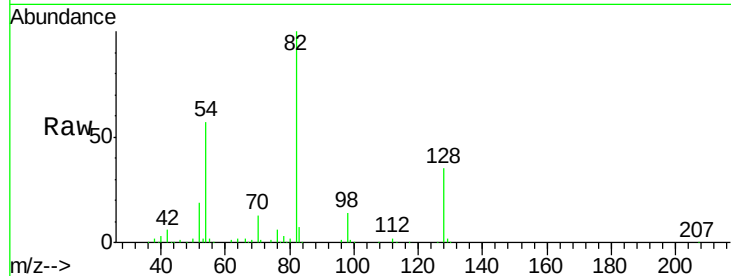




#23
 Nitrobenzene-d5
 Concen: 95.939 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033790.D
 Acq: 13 Apr 2018 2:13

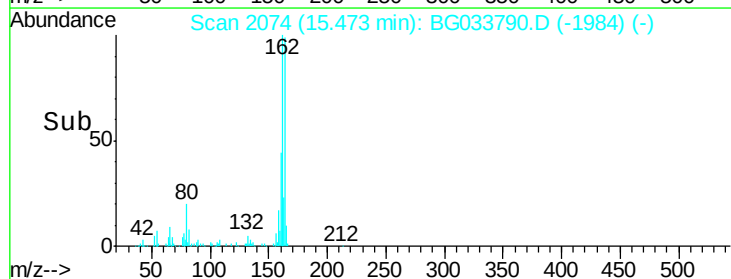
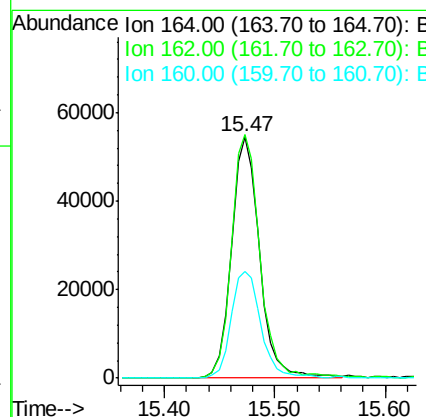
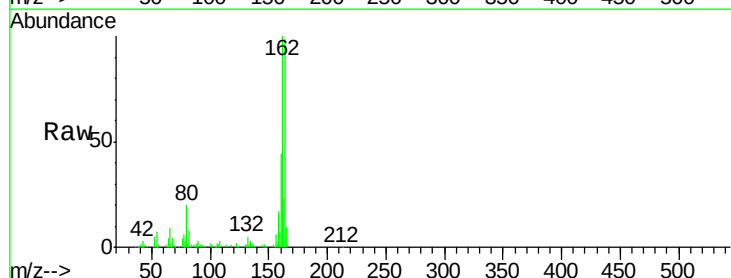
Instrument :
 BNA_G
 ClientSampleId :
 PB108178BL

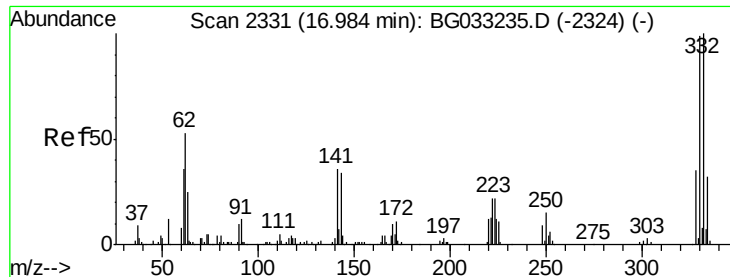
Tot Ion	82	Resp	263965
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.7	44.5
54	57.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033790.D
 Acq: 13 Apr 2018 2:13

Tgt Ion	164	Resp	97019
Ion Ratio	Lower	Upper	
164	100		
162	100.9	78.8	118.2
160	44.3	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 137.493 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033790.D

Acq: 13 Apr 2018 2:13

Instrument :

BNA_G

ClientSampleId :

PB108178BL

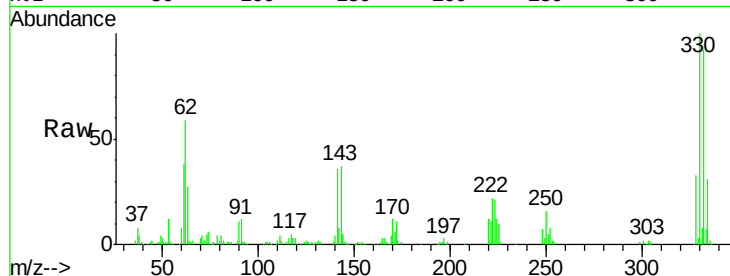
Tot Ion:330 Resp: 199507

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

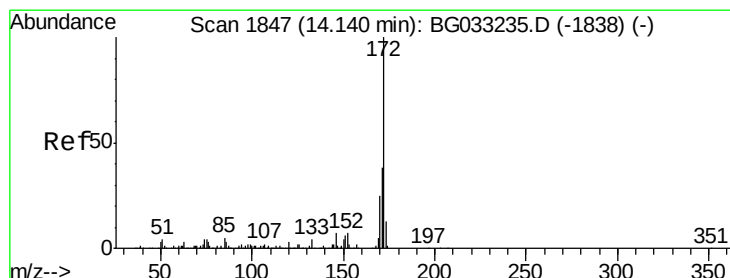
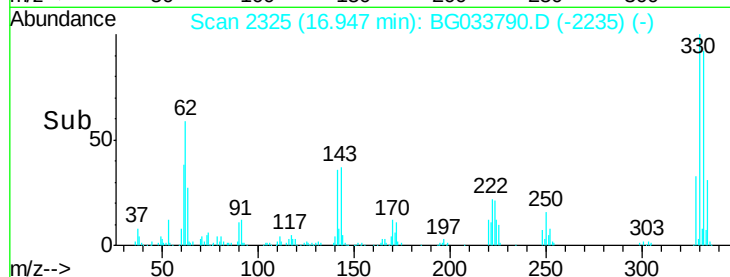
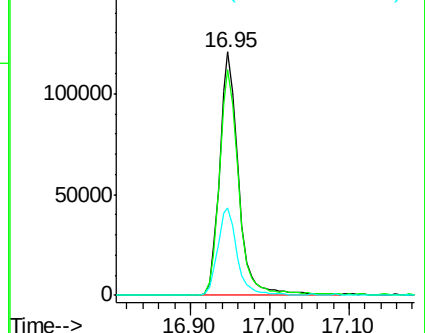
141 36.1 25.2 37.8



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: 94.210 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033790.D

Acq: 13 Apr 2018 2:13

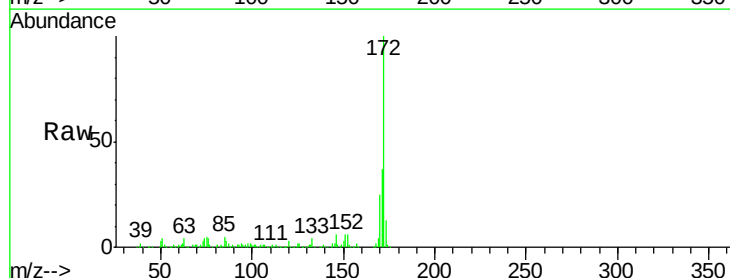
Tgt Ion:172 Resp: 633135

Ion Ratio Lower Upper

172 100

171 36.9 30.0 45.0

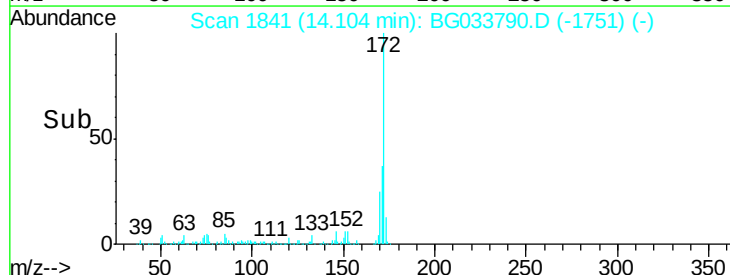
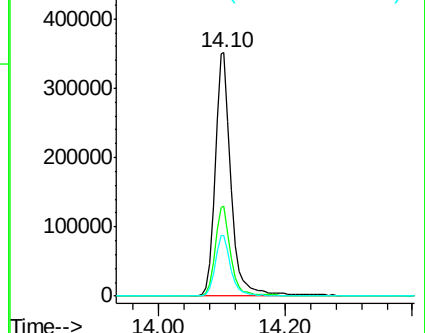
170 24.9 19.5 29.3

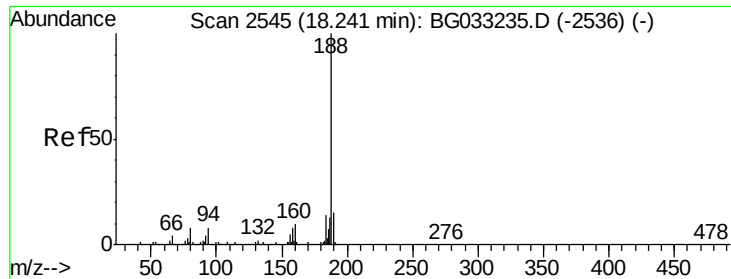


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

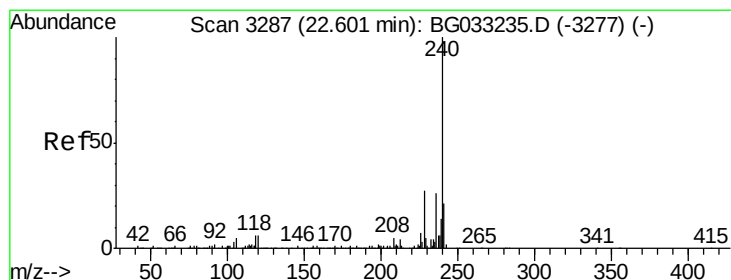
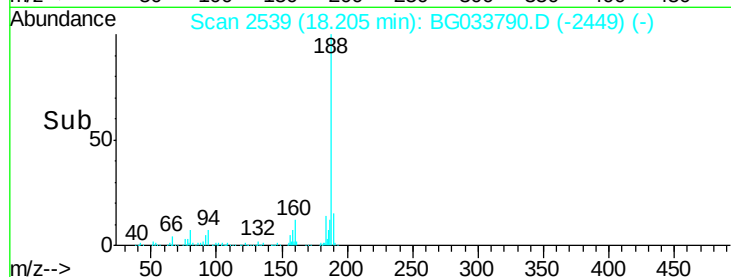
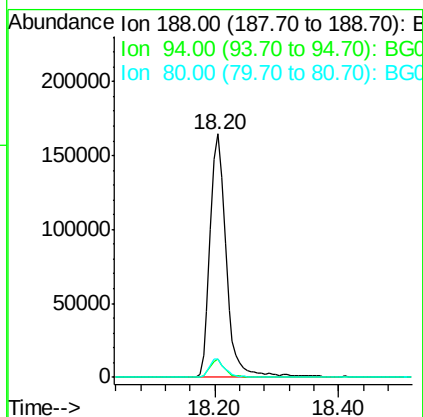
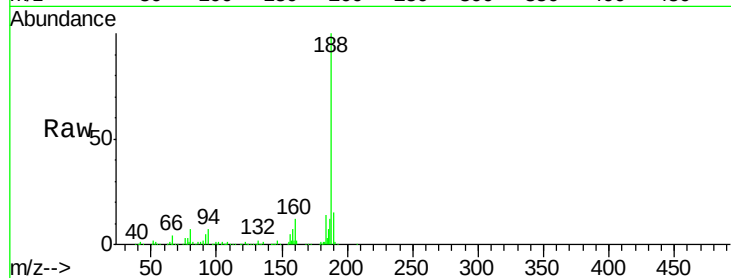




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033790.D
Acq: 13 Apr 2018 2:13

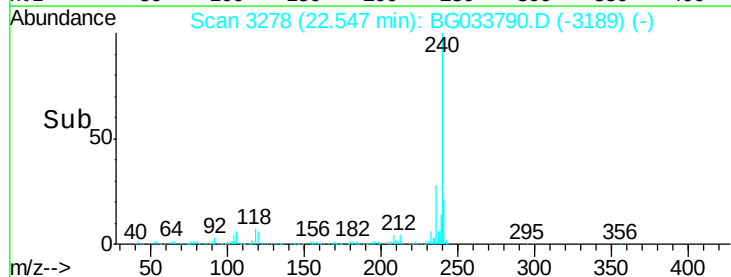
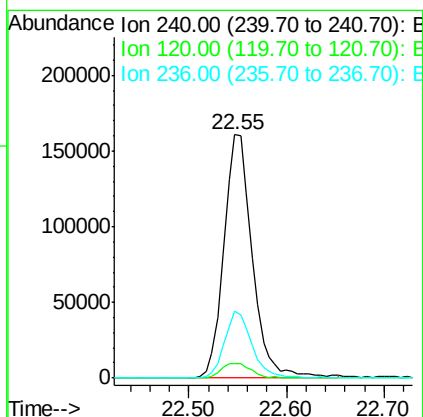
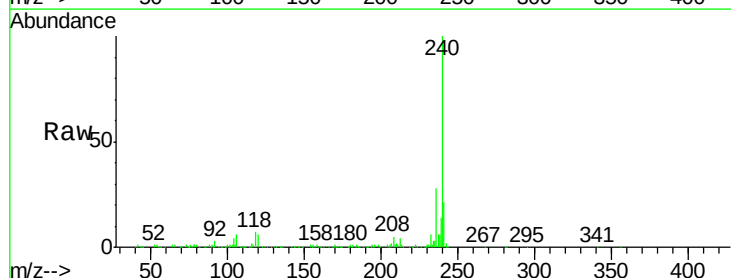
Instrument :
BNA_G
ClientSampleId :
PB108178BL

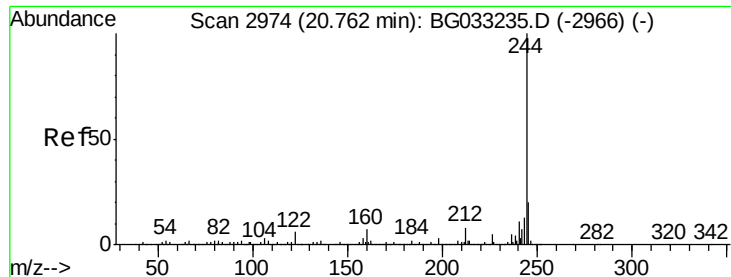
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.4	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033790.D
Acq: 13 Apr 2018 2:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	27.6	20.9	31.3





#78

Terphenyl-d14

Concen: 95.333 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033790.D

Acq: 13 Apr 2018 2:13

Instrument :

BNA_G

ClientSampleId :

PB108178BL

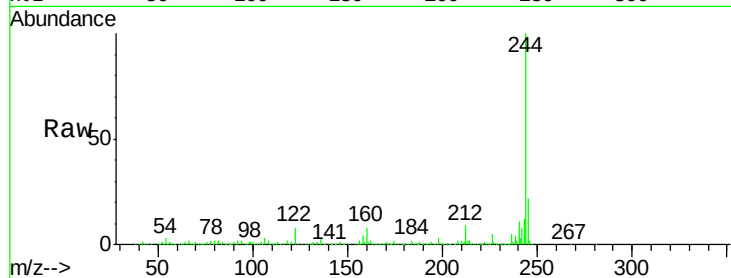
Tot Ion:244 Resp: 1448831

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

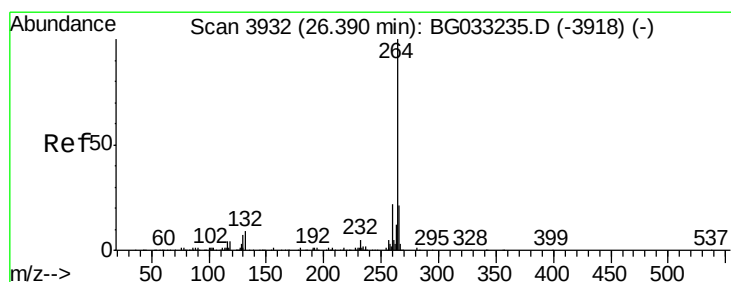
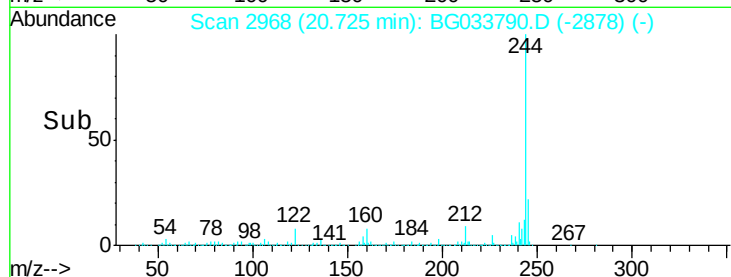
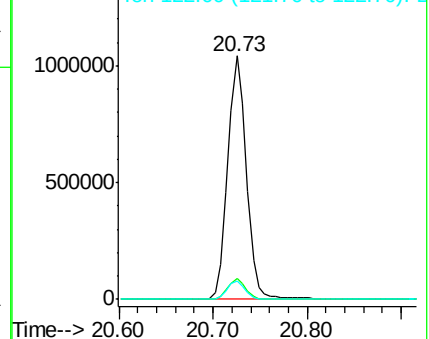
122 7.6 7.0 10.4



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: 26.31 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BG033790.D

Acq: 13 Apr 2018 2:13

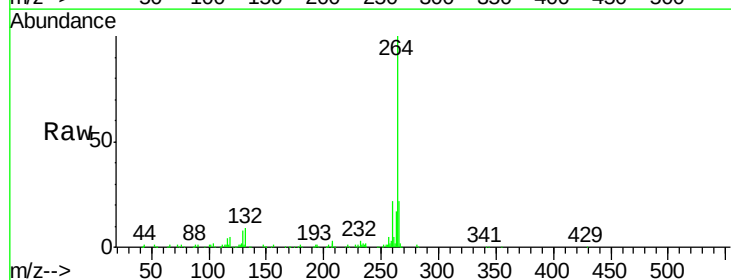
Tgt Ion:264 Resp: 337281

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.6 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

