

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033632.D
 Acq On : 6 Apr 2018 17:33
 Operator : SJ/JU
 Sample : J2153-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040418-C

Quant Time: Apr 07 01:12:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38736	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	181373	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	139280	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334759	20.00	ng	0.00
75) Chrysene-d12	22.55	240	338307	20.00	ng	0.00
86) Perylene-d12	26.33	264	333700	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	346951	167.95	ng	0.00
7) Phenol-d6	7.98	99	478123	134.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	410142	103.89	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252599	121.26	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	947042	98.16	ng	0.00
78) Terphenyl-d14	20.73	244	1603214	101.35	ng	0.00

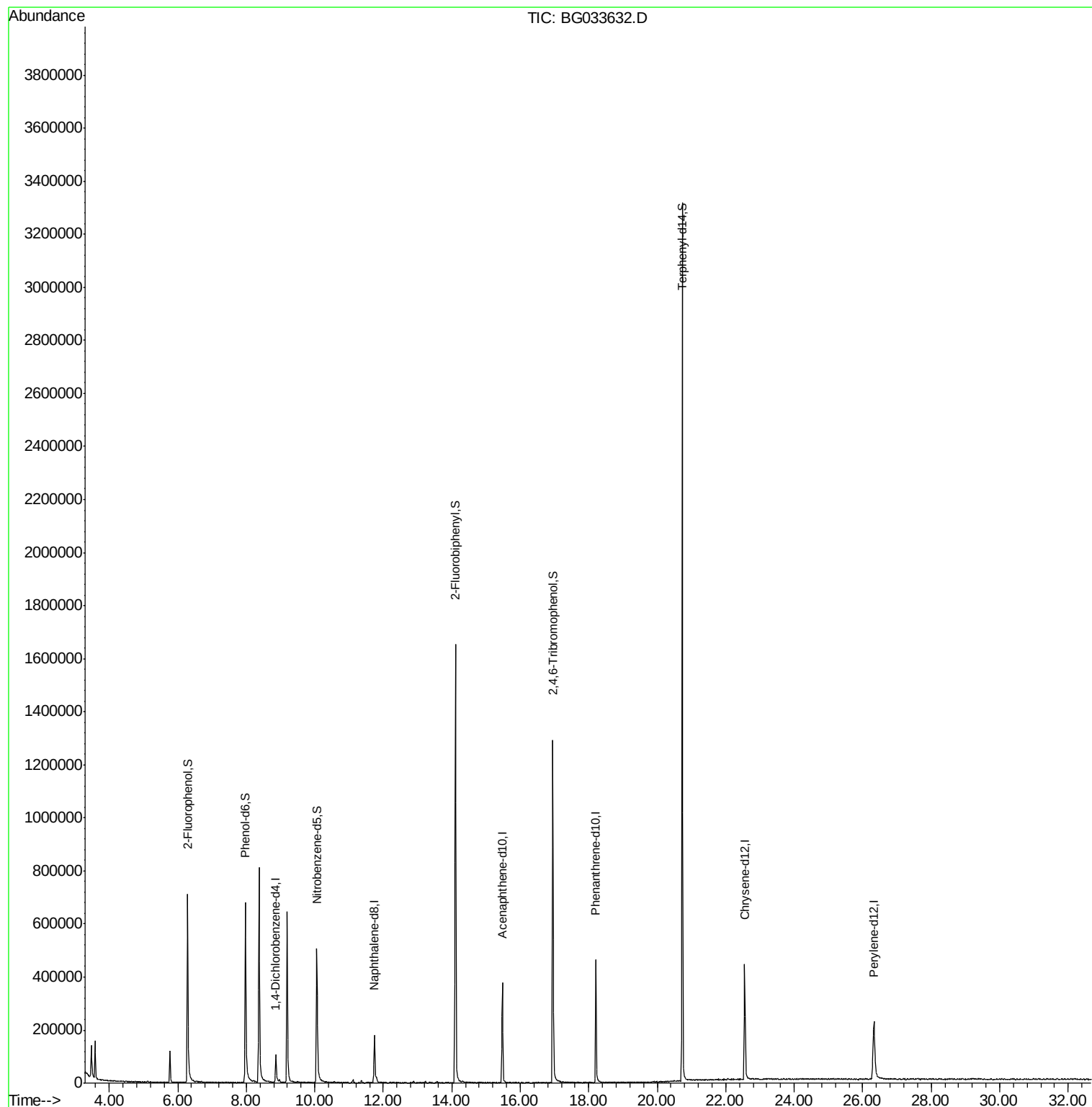
Target Compounds Qvalue

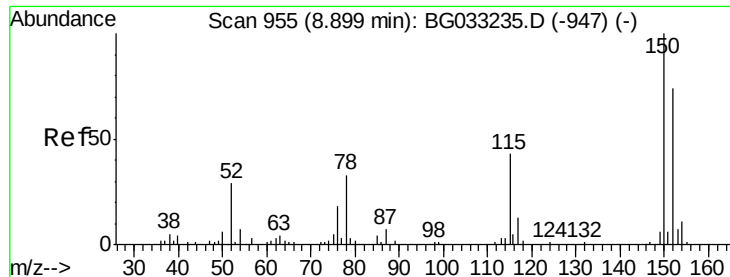
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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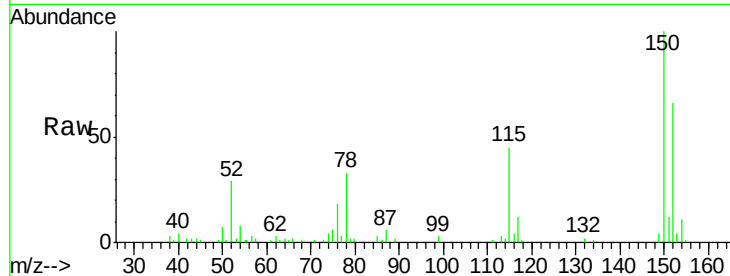


#1

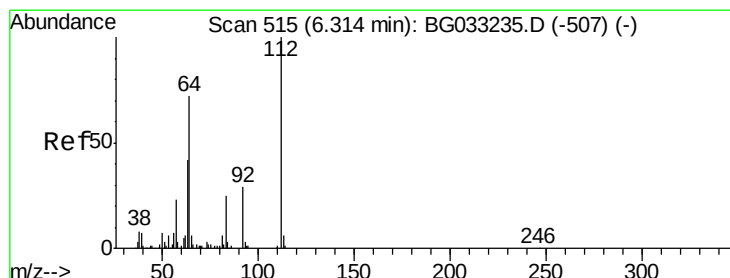
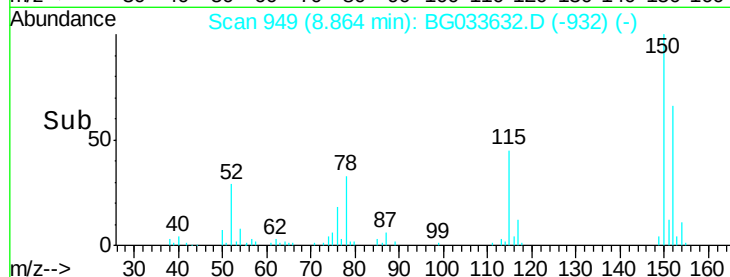
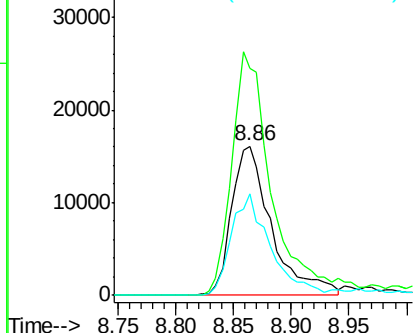
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033632.D
Acq: 6 Apr 2018 17:33

Instrument :
BNA_G
ClientSampleId :
HR-06-040418-C

Tot Ion:152 Resp: 38736
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 67.9 53.0 79.4



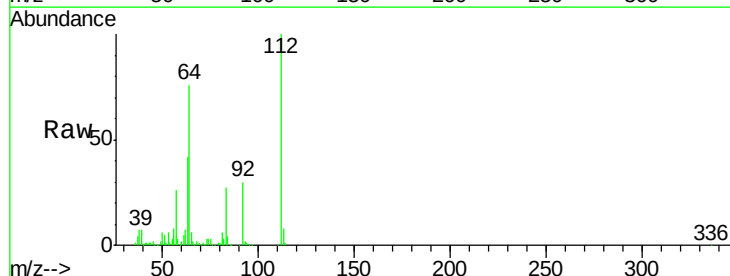
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



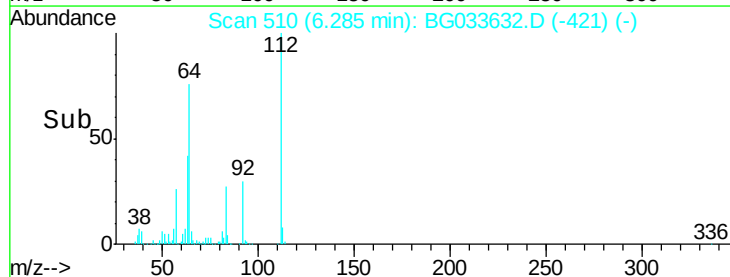
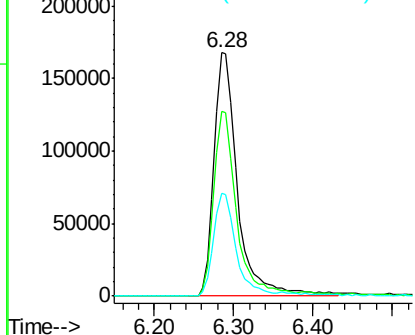
#5

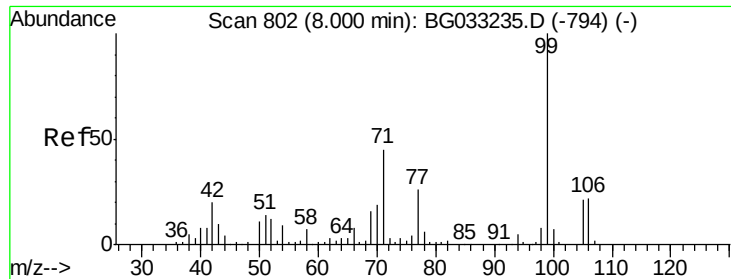
2-Fluorophenol
Concen: 167.951 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033632.D
Acq: 6 Apr 2018 17:33

Tgt Ion:112 Resp: 346951
Ion Ratio Lower Upper
112 100
64 76.0 56.3 84.5
63 42.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.704 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033632.D

Acq: 6 Apr 2018 17:33

Instrument :

BNA_G

ClientSampleId :

HR-06-040418-C

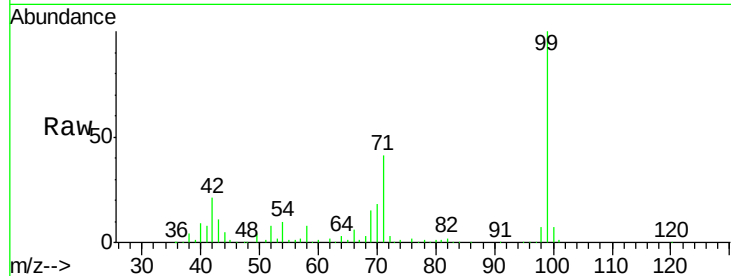
Tot Ion: 99 Resp: 478123

Ion Ratio Lower Upper

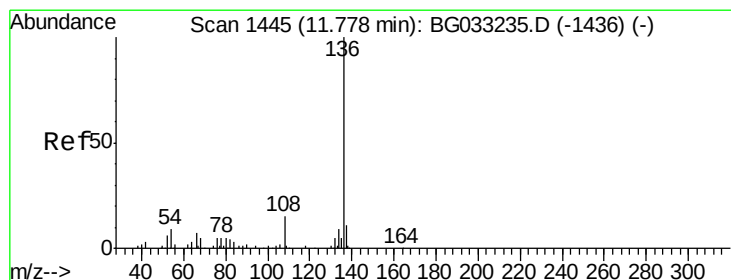
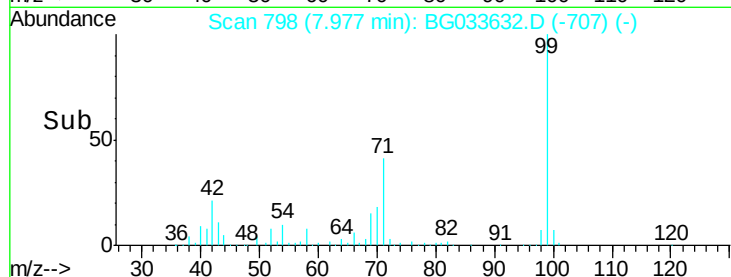
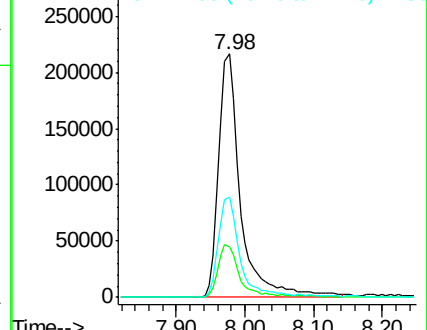
99 100

42 20.6 14.1 21.1

71 41.0 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# 1439

Delta R.T. 0.00 min

Lab File: BG033632.D

Acq: 6 Apr 2018 17:33

Tgt Ion: 136 Resp: 181373

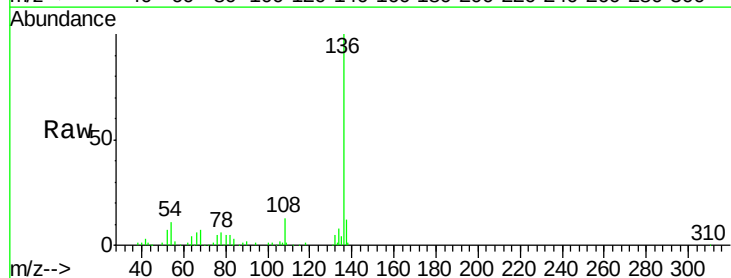
Ion Ratio Lower Upper

136 100

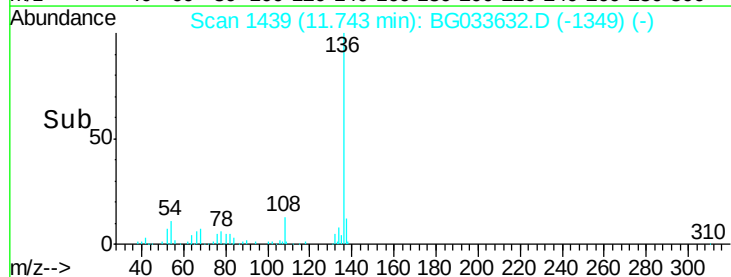
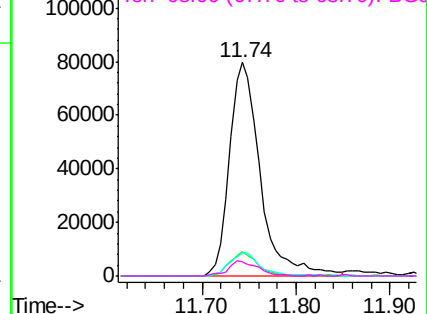
137 11.6 9.2 13.8

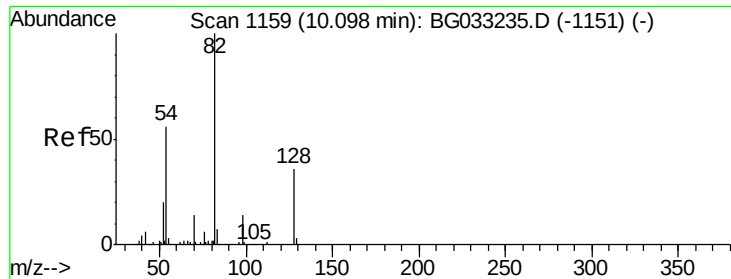
54 10.9 10.3 15.5

68 6.7 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: 103.894 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033632.D

Acq: 6 Apr 2018 17:33

Instrument :

BNA_G

ClientSampleId :

HR-06-040418-C

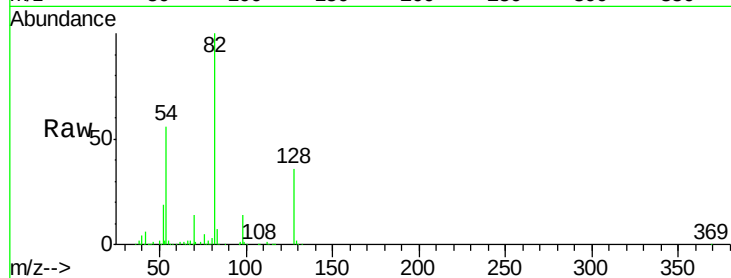
Tot Ion: 82 Resp: 410142

Ion Ratio Lower Upper

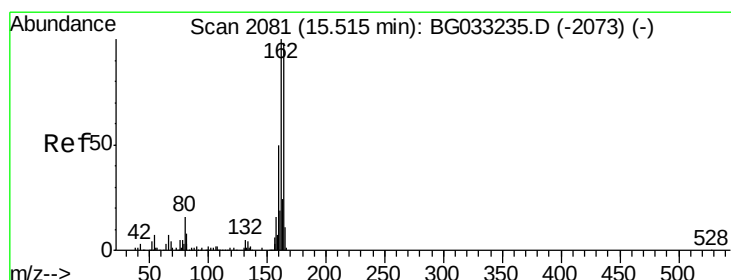
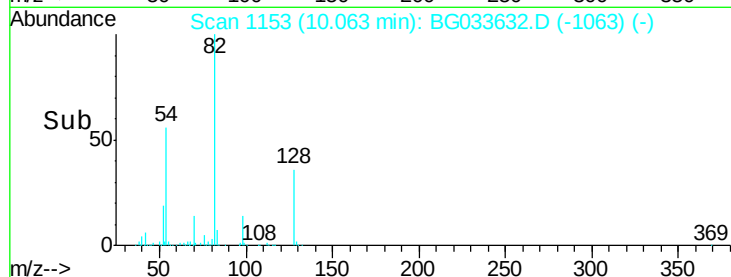
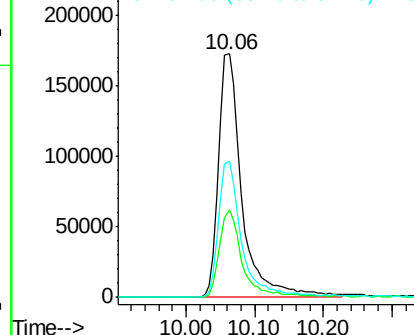
82 100

128 35.7 29.7 44.5

54 55.9 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. 0.00 min

Lab File: BG033632.D

Acq: 6 Apr 2018 17:33

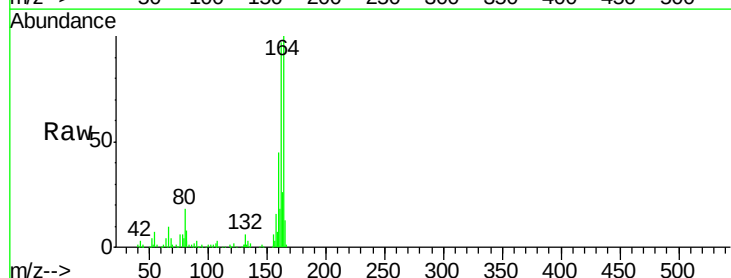
Tgt Ion: 164 Resp: 139280

Ion Ratio Lower Upper

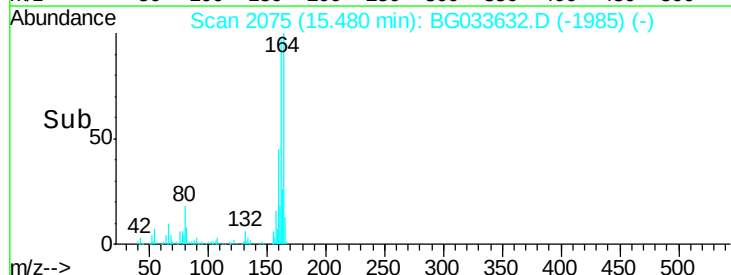
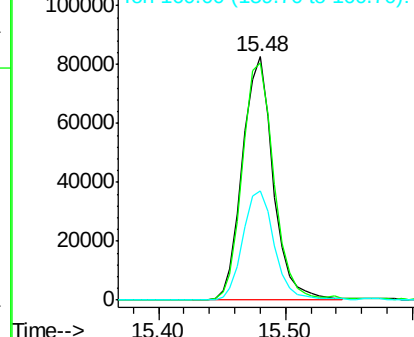
164 100

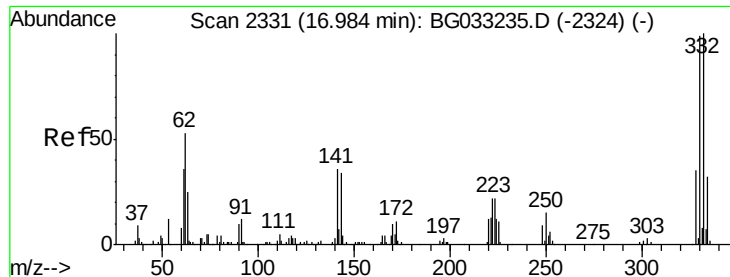
162 97.3 78.8 118.2

160 44.7 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

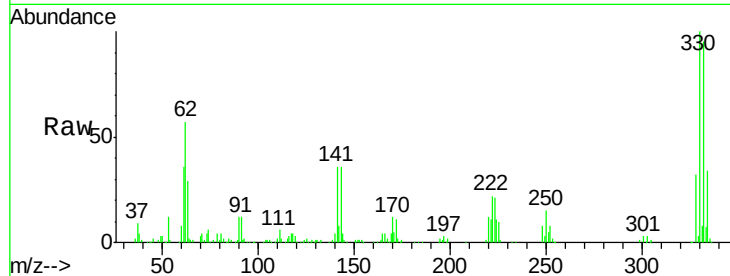




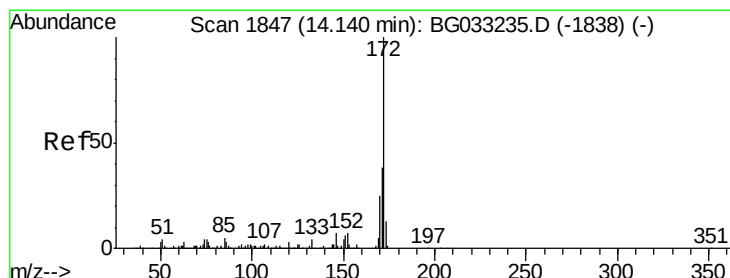
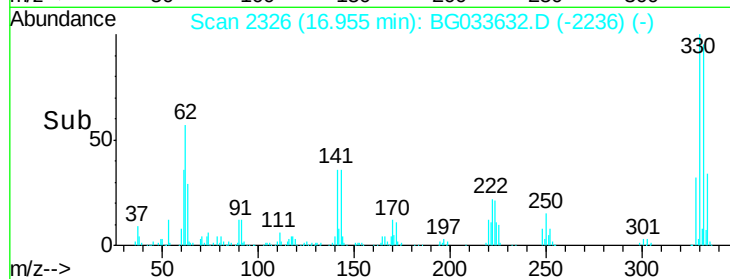
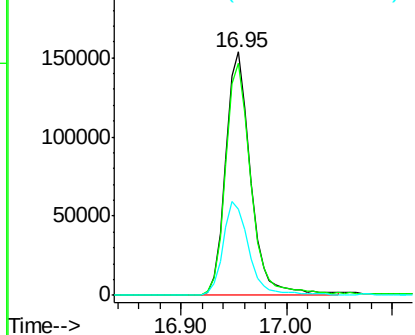
#41
 2,4,6-Tribromophenol
 Concen: 121.261 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033632.D
 Acq: 6 Apr 2018 17:33

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040418-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.9	25.2	37.8#

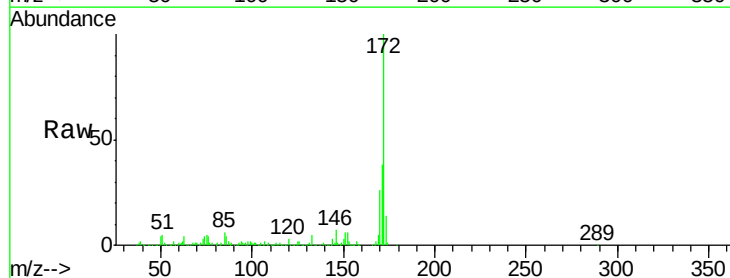


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

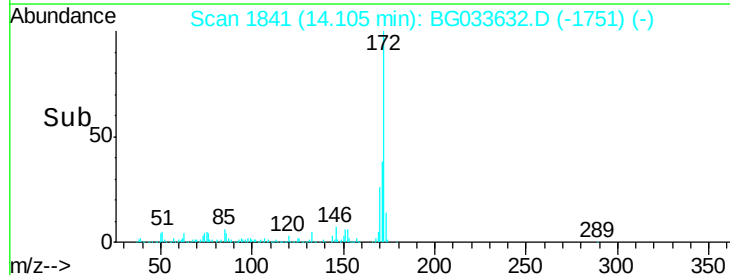
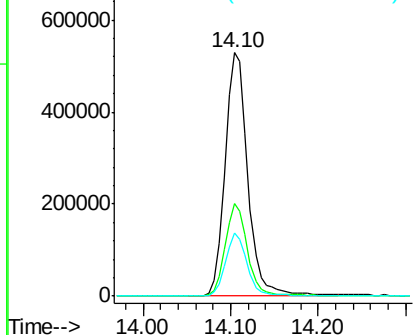


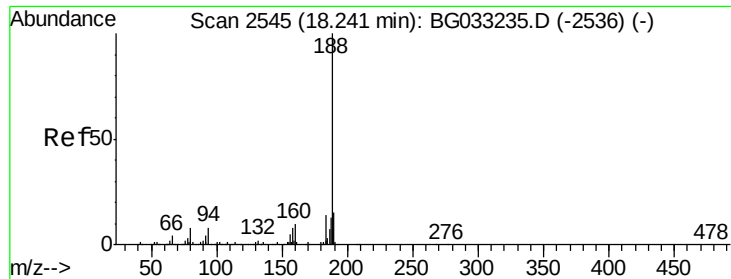
#44
 2-Fluorobiphenyl
 Concen: 98.161 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033632.D
 Acq: 6 Apr 2018 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.9	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

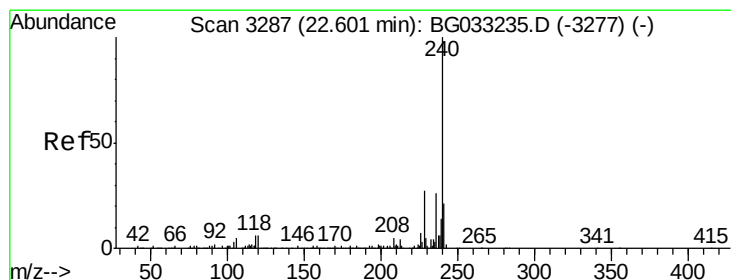
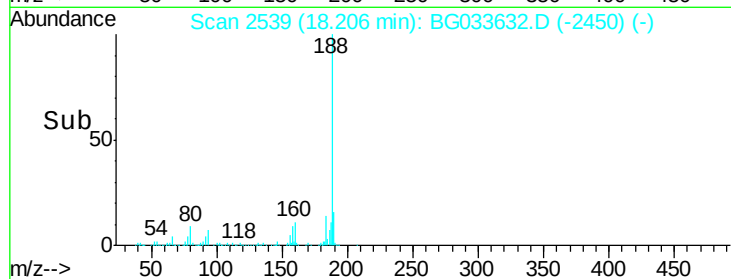
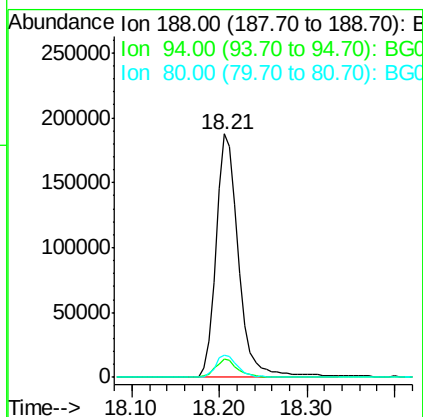
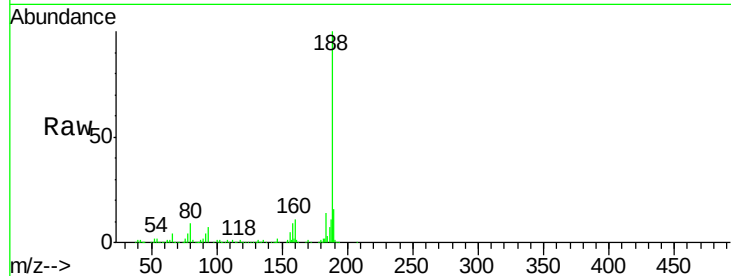




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033632.D
Acq: 6 Apr 2018 17:33

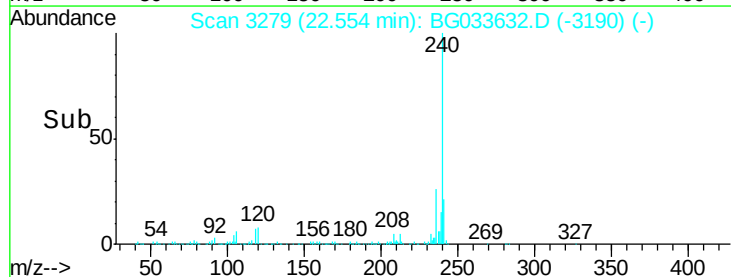
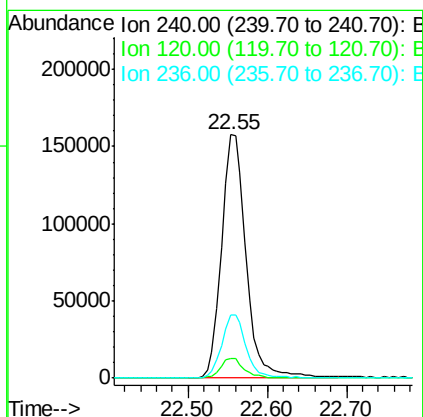
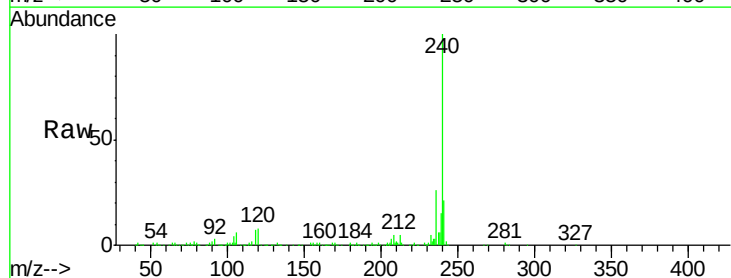
Instrument :
BNA_G
ClientSampleId :
HR-06-040418-C

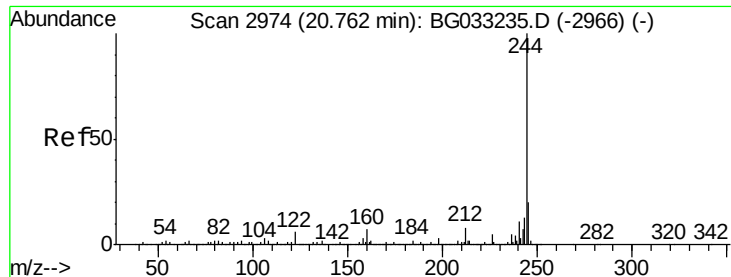
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.0	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033632.D
Acq: 6 Apr 2018 17:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.8	20.9	31.3





#78

Terphenyl-d14

Concen: 101.347 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033632.D

Acq: 6 Apr 2018 17:33

Instrument :

BNA_G

ClientSampleId :

HR-06-040418-C

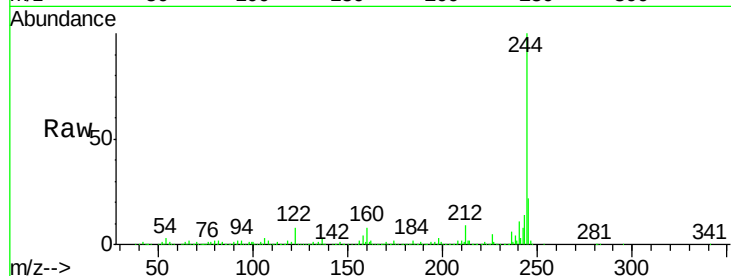
Tot Ion:244 Resp: 1603214

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

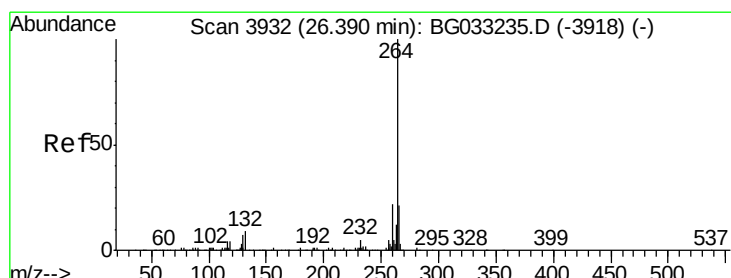
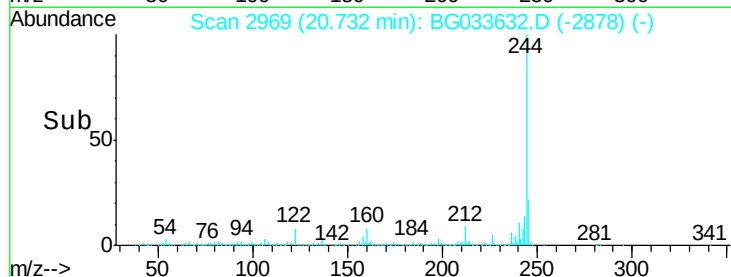
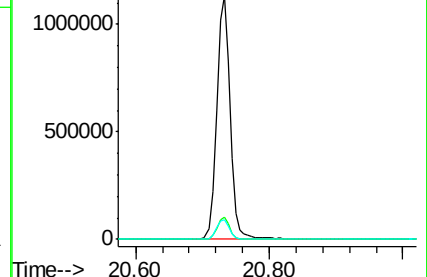
122 7.9 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BG033632.D

Acq: 6 Apr 2018 17:33

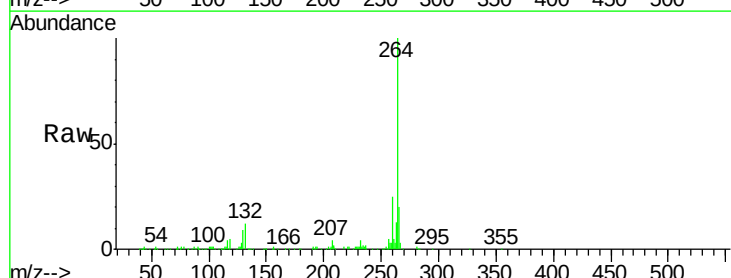
Tgt Ion:264 Resp: 333700

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 20.0 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

