

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033912.D
 Acq On : 21 Apr 2018 8:50
 Operator : SJ/JU
 Sample : J2473-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDW-F-U-M

Quant Time: Apr 23 03:29:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	65802	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	276838	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	182209	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	497031	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	565206	20.00	ng	-0.02
86) Perylene-d12	24.53	264	565403	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	192544	46.72	ng	0.00
7) Phenol-d6	6.99	99	164598	27.38	ng	0.00
23) Nitrobenzene-d5	8.98	82	503226	103.45	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	249066	117.17	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1211014	97.64	ng	-0.01
78) Terphenyl-d14	19.86	244	2294785	91.21	ng	0.00

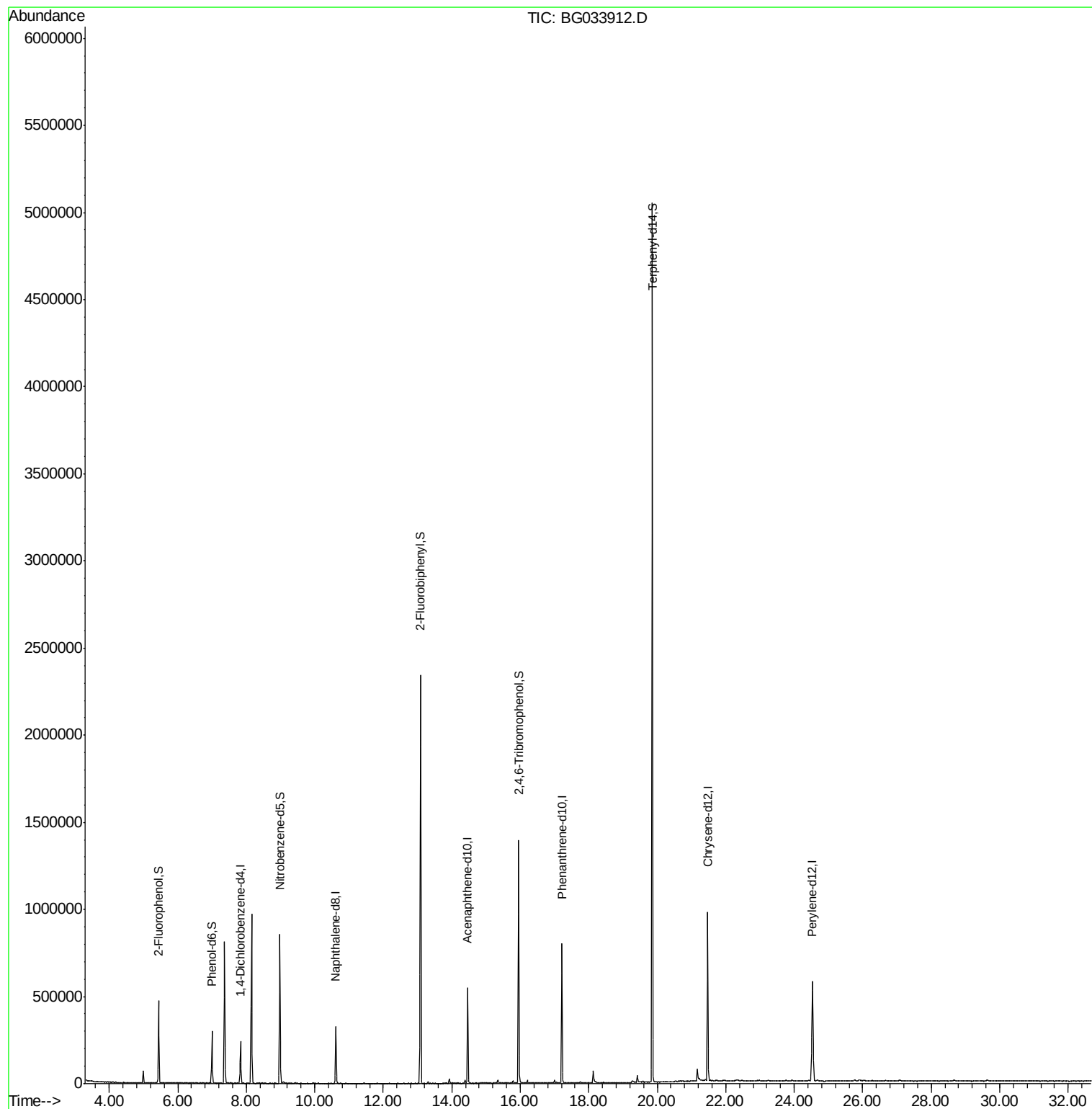
Target Compounds Qvalue

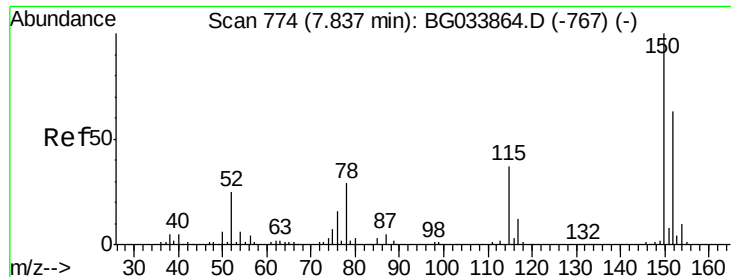
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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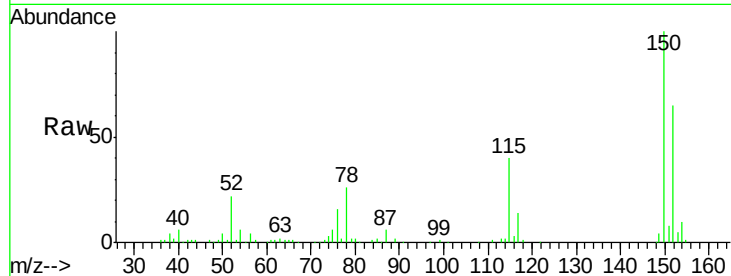


#1

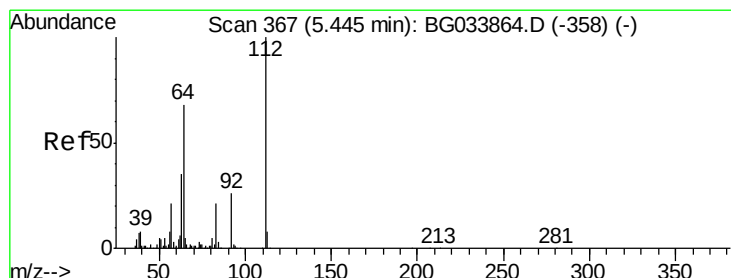
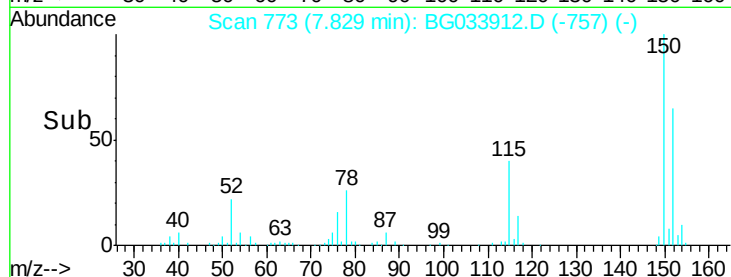
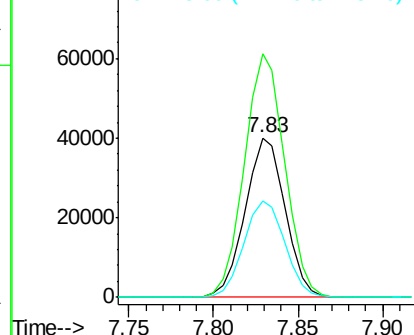
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

Tot Ion:152 Resp: 65802
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 60.5 53.0 79.4



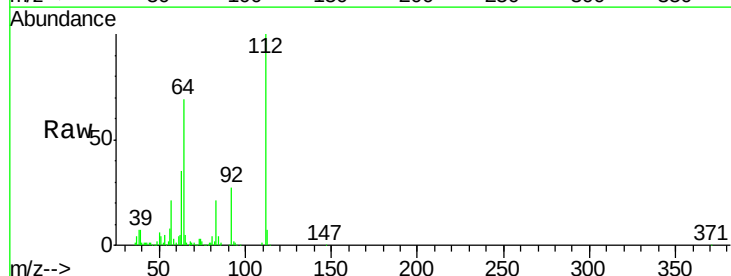
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



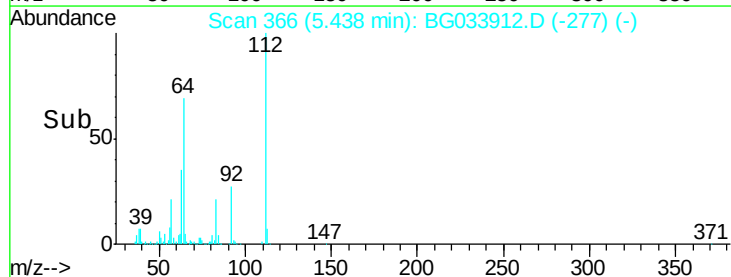
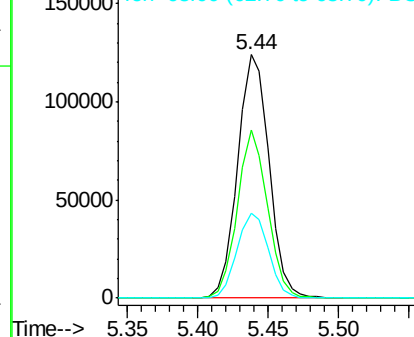
#5

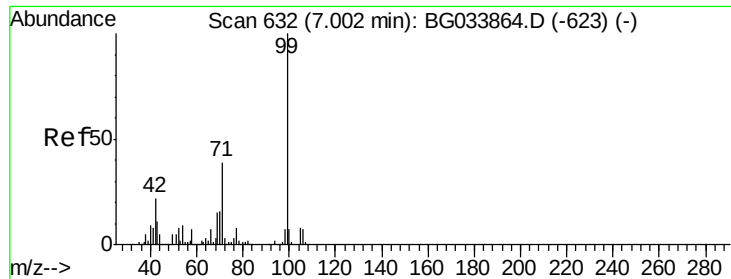
2-Fluorophenol
Concen: 46.716 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:112 Resp: 192544
Ion Ratio Lower Upper
112 100
64 69.3 56.3 84.5
63 35.0 30.1 45.1



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: 27.380 ng

RT: 6.99 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033912.D

Acq: 21 Apr 2018 8:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-U-M

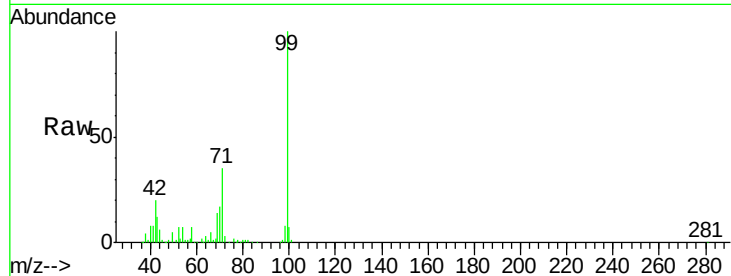
Tot Ion: 99 Resp: 164598

Ion Ratio Lower Upper

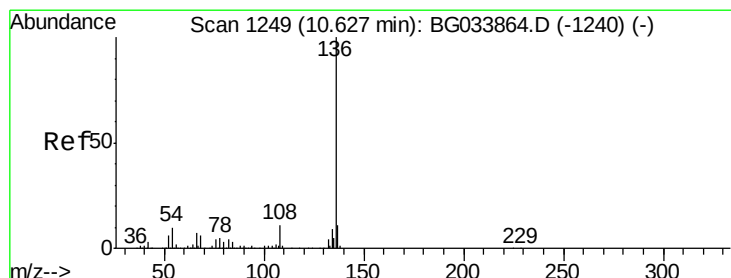
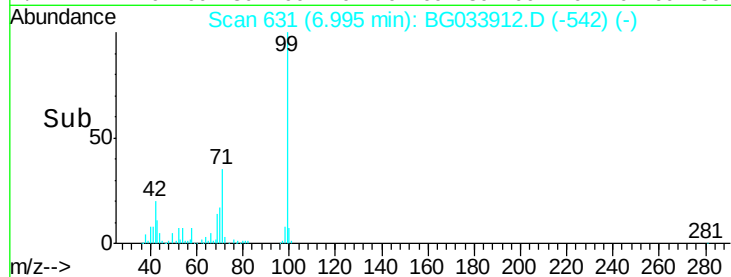
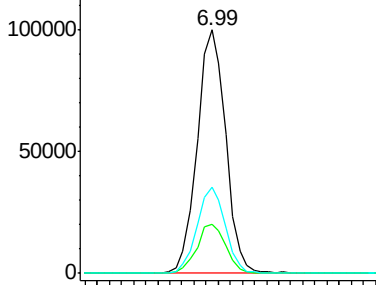
99 100

42 20.0 14.1 21.1

71 35.2 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: 10.61 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033912.D

Acq: 21 Apr 2018 8:50

Tgt Ion: 136 Resp: 276838

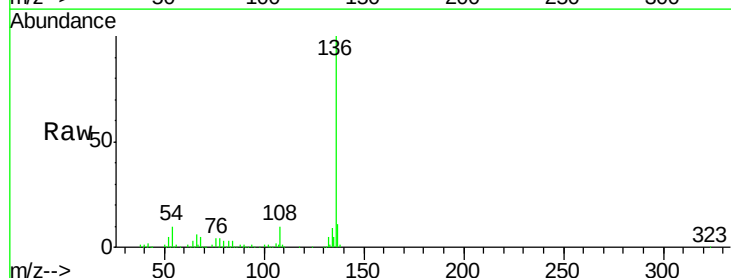
Ion Ratio Lower Upper

136 100

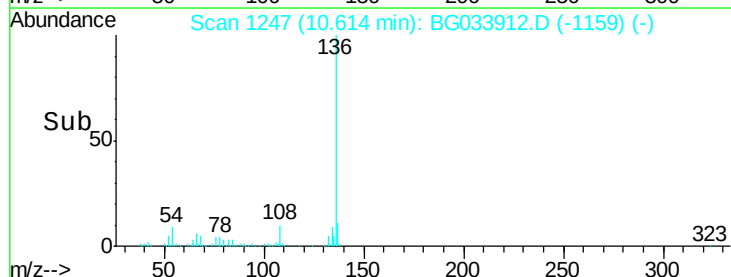
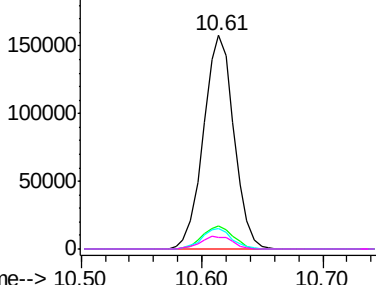
137 11.0 9.2 13.8

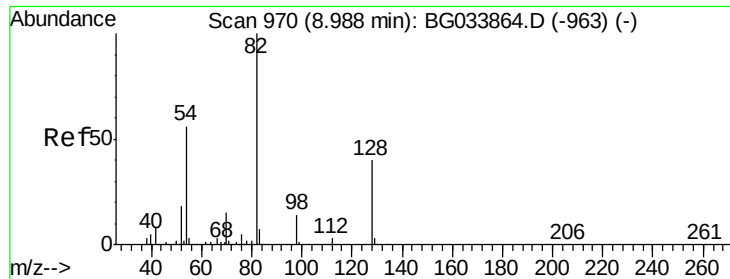
54 9.6 10.3 15.5#

68 5.4 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: 103.448 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG033912.D

Acq: 21 Apr 2018 8:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-U-M

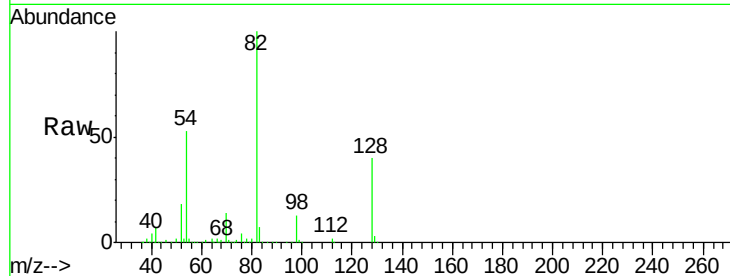
Tot Ion: 82 Resp: 503226

Ion Ratio Lower Upper

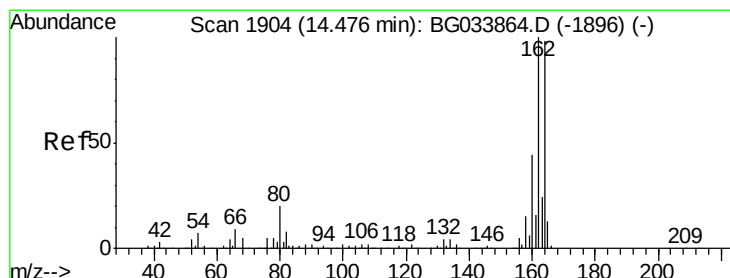
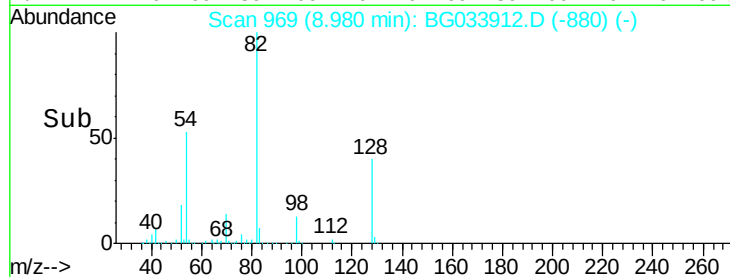
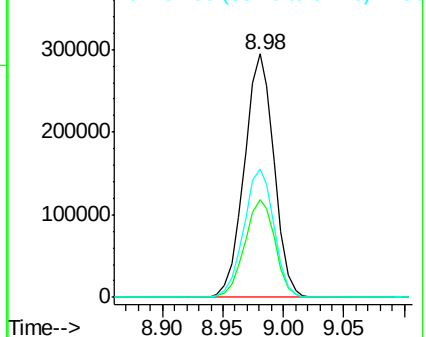
82 100

128 40.4 29.7 44.5

54 52.9 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: 14.46 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033912.D

Acq: 21 Apr 2018 8:50

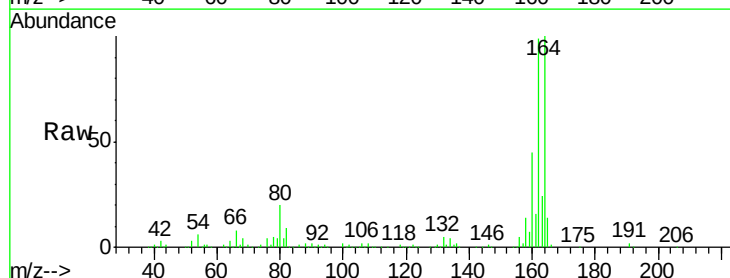
Tgt Ion: 164 Resp: 182209

Ion Ratio Lower Upper

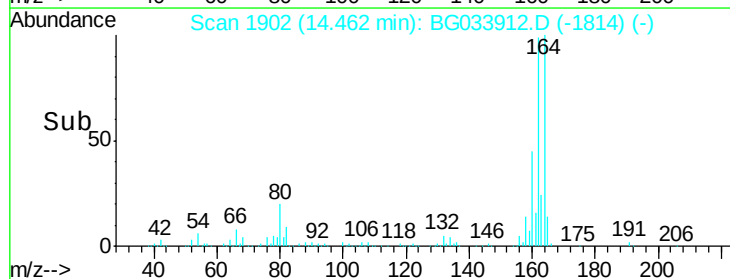
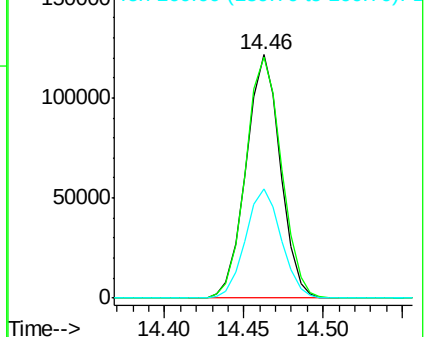
164 100

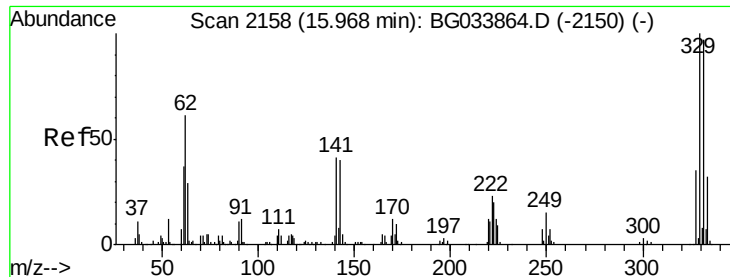
162 99.1 78.8 118.2

160 44.6 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

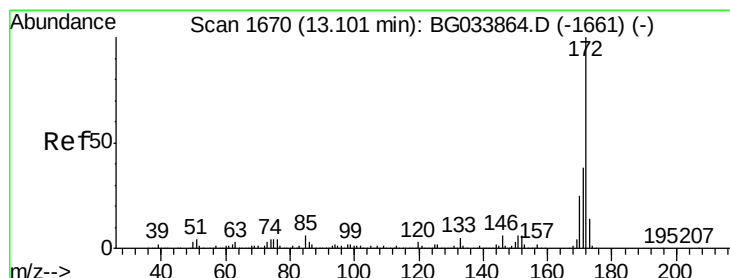
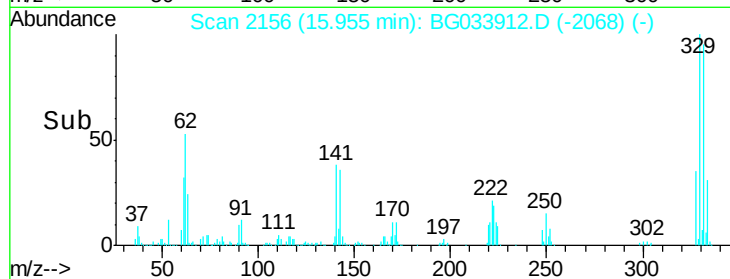
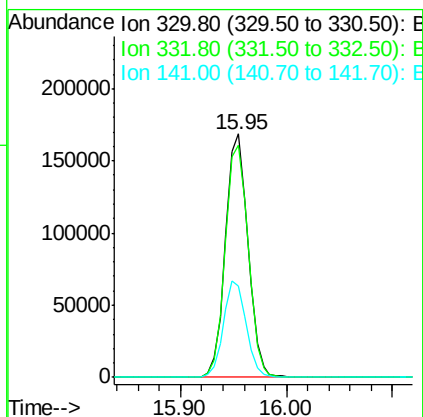
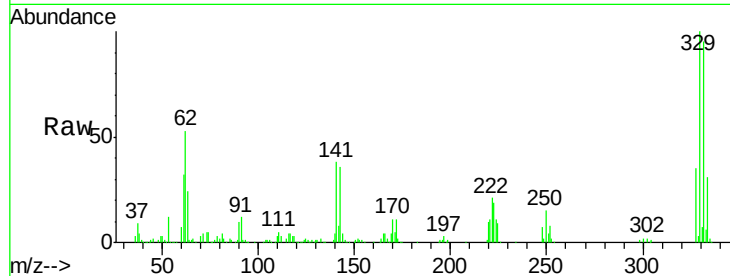




#41
 2,4,6-Tribromophenol
 Concen: 117.166 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033912.D
 Acq: 21 Apr 2018 8:50

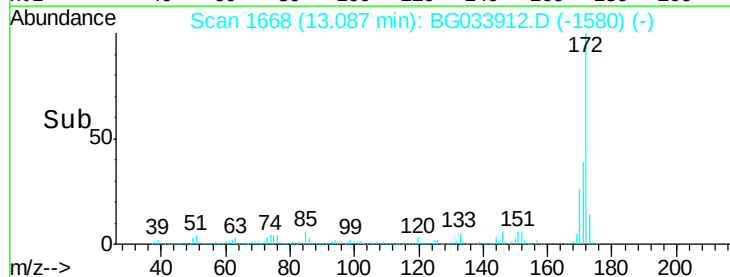
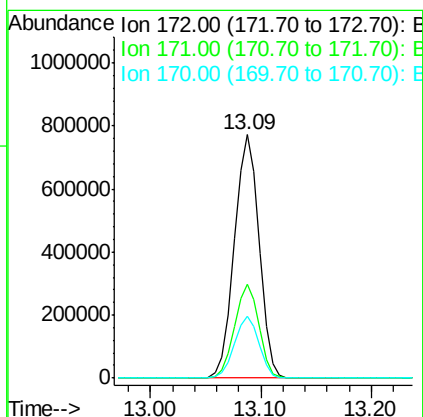
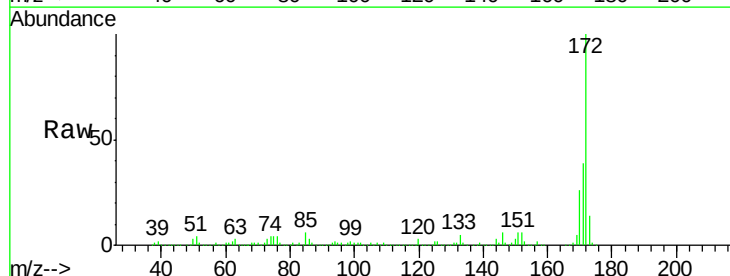
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDW-F-U-M

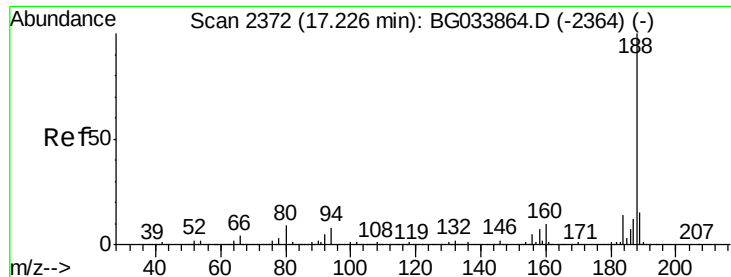
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	40.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.636 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033912.D
 Acq: 21 Apr 2018 8:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.5	19.5	29.3

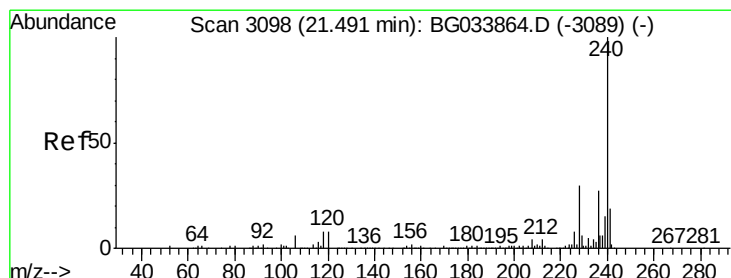
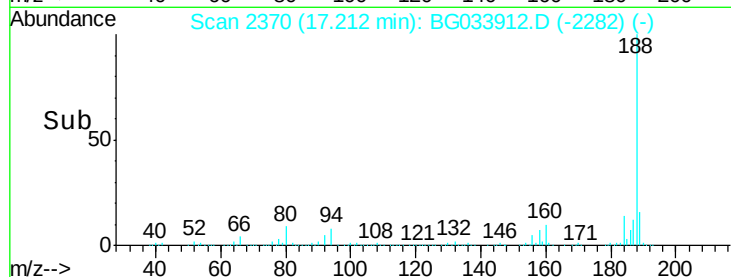
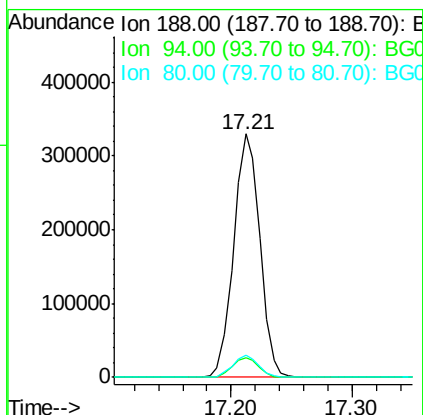
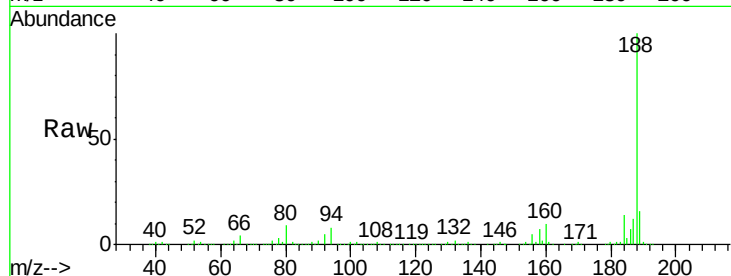




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

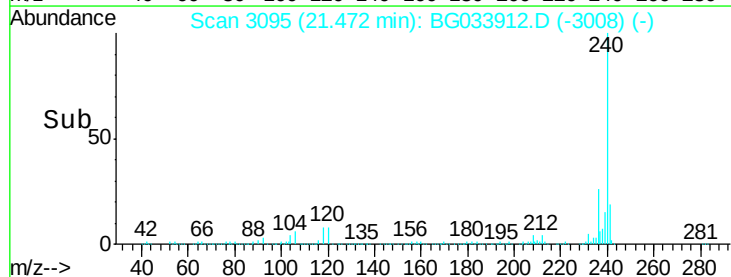
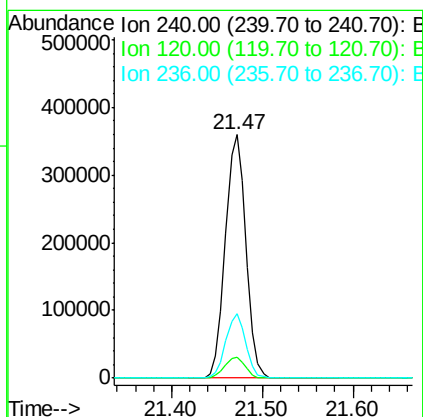
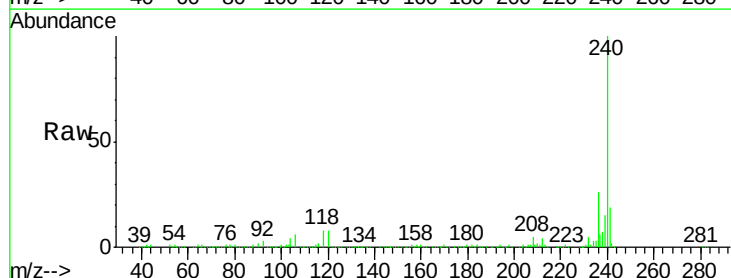
Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-U-M

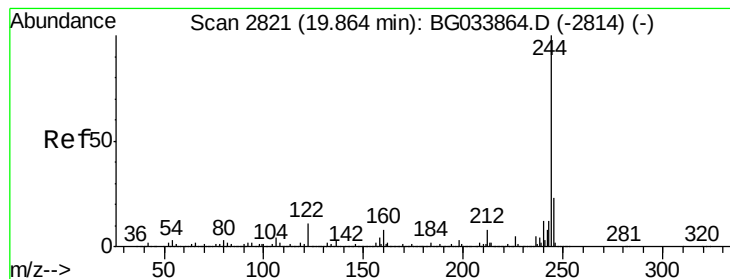
Tot Ion:188 Resp: 497031
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033912.D
Acq: 21 Apr 2018 8:50

Tgt Ion:240 Resp: 565206
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 91.214 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033912.D

Acq: 21 Apr 2018 8:50

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-U-M

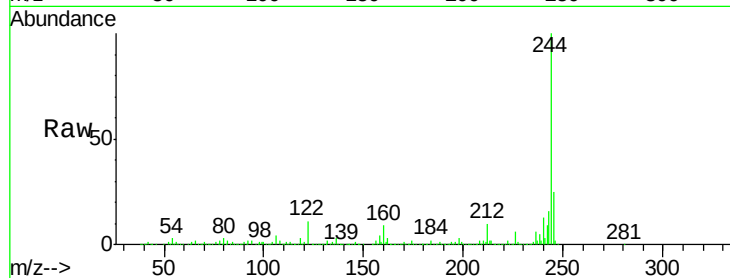
Tot Ion:244 Resp: 2294785

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

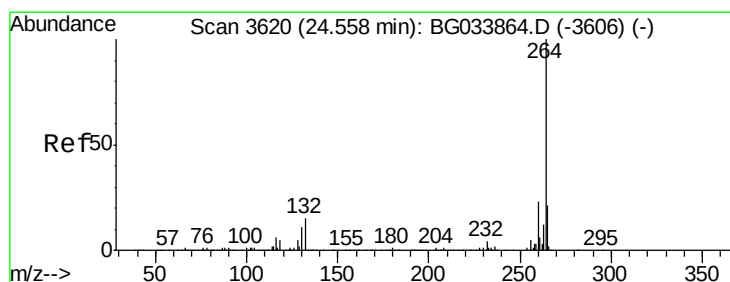
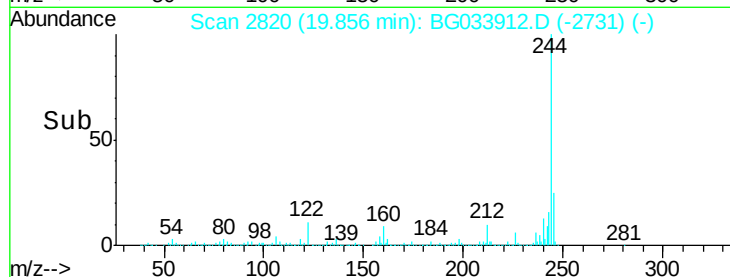
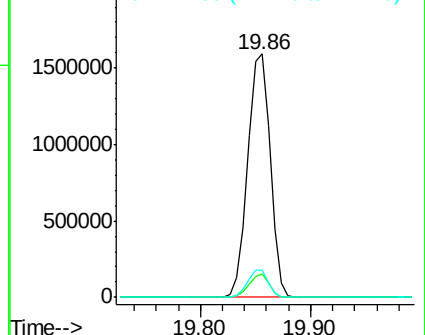
122 11.0 7.0 10.4#



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: 24.53 min Scan# 3616

Delta R.T. -0.03 min

Lab File: BG033912.D

Acq: 21 Apr 2018 8:50

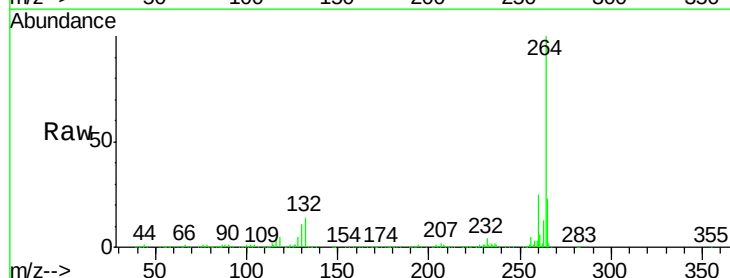
Tgt Ion:264 Resp: 565403

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 22.6 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

