

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033913.D
 Acq On : 21 Apr 2018 9:28
 Operator : SJ/JU
 Sample : J2473-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Apr 23 03:31:25 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	59638	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	249684	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	160882	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	426521	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	514512	20.00	ng	-0.02
86) Perylene-d12	24.53	264	516749	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	167366	44.80	ng	0.00
7) Phenol-d6	6.99	99	137069	25.16	ng	0.00
23) Nitrobenzene-d5	8.98	82	444699	101.36	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	208076	110.86	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1055347	96.36	ng	-0.01
78) Terphenyl-d14	19.86	244	2119000	92.53	ng	0.00

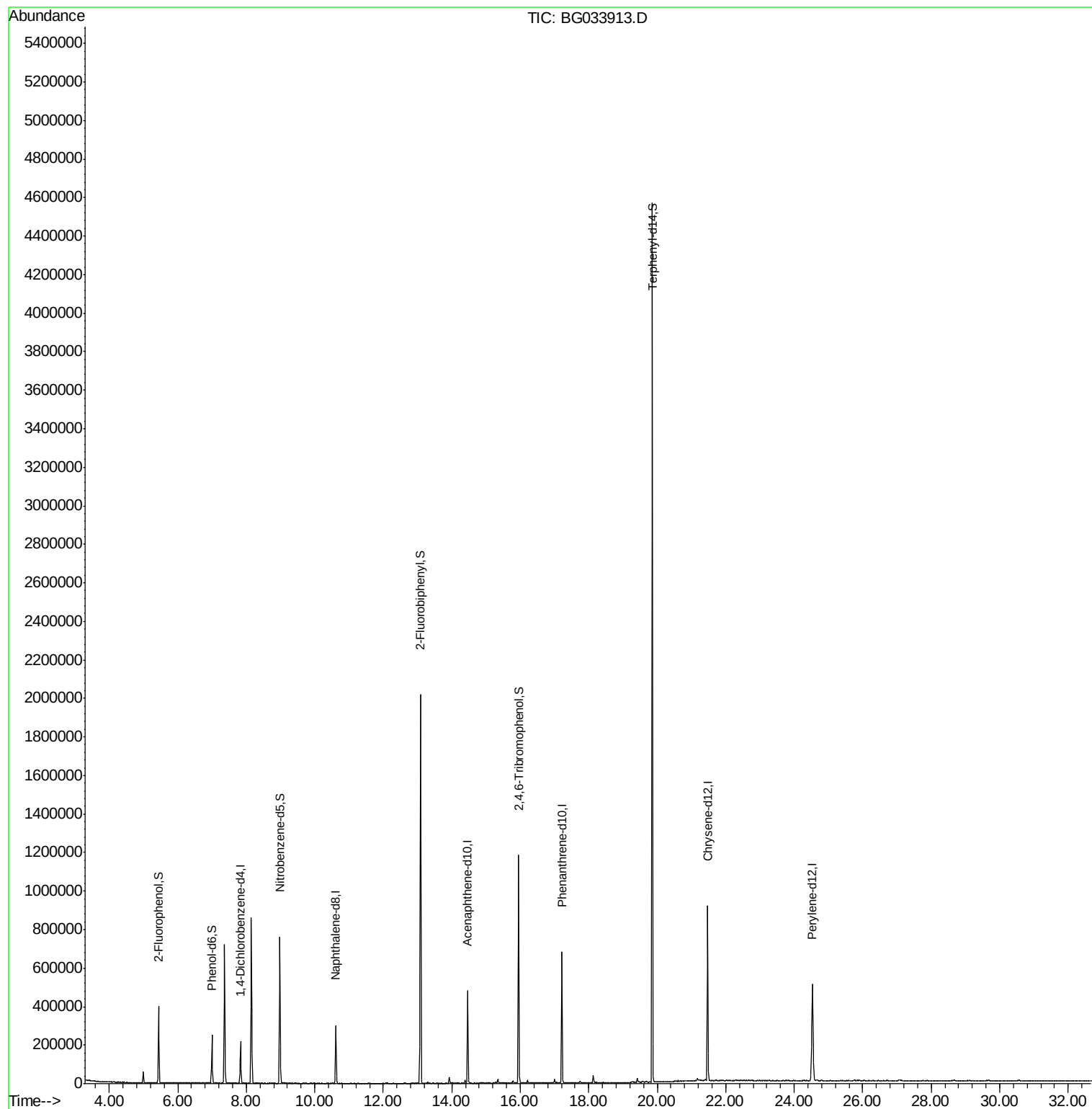
Target Compounds Qvalue

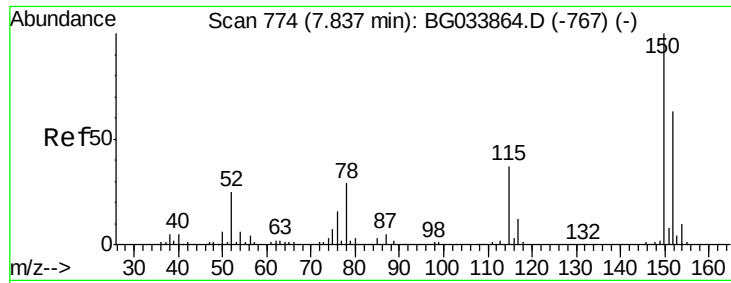
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033913.D

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Instrument :

BNA_G

ClientSampleId :

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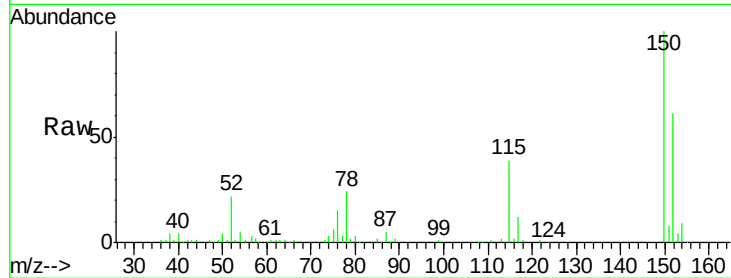
Tot Ion:152 Resp: 59638

Ion Ratio Lower Upper

152 100

150 163.8 126.6 189.8

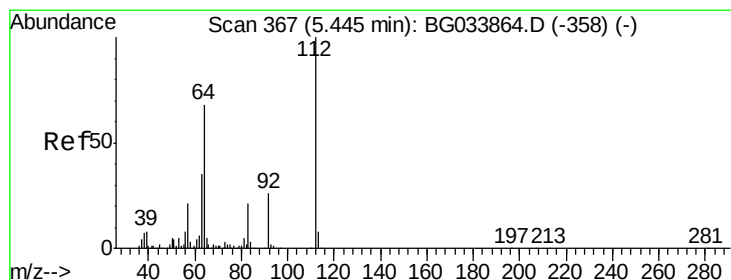
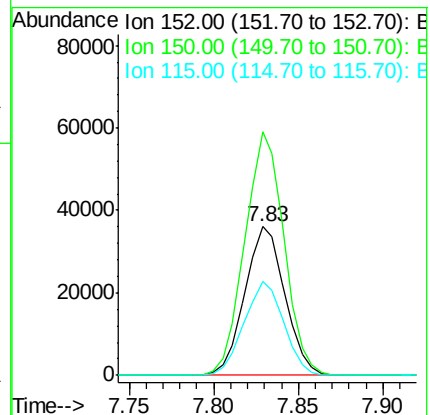
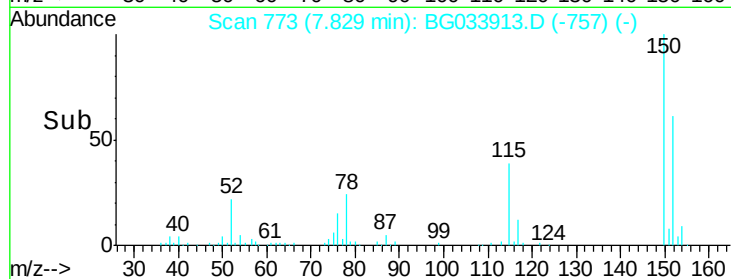
115 63.2 53.0 79.4



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: 44.805 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033913.D

Acq: 21 Apr 2018 9:28

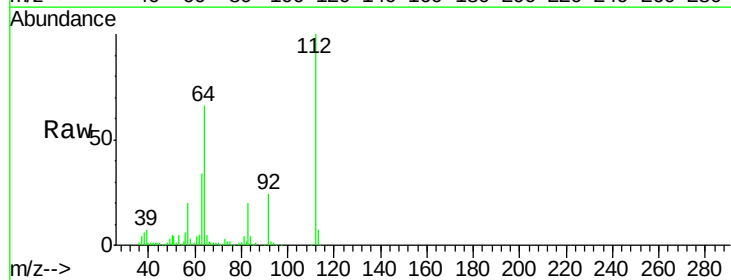
Tgt Ion:112 Resp: 167366

Ion Ratio Lower Upper

112 100

64 66.1 56.3 84.5

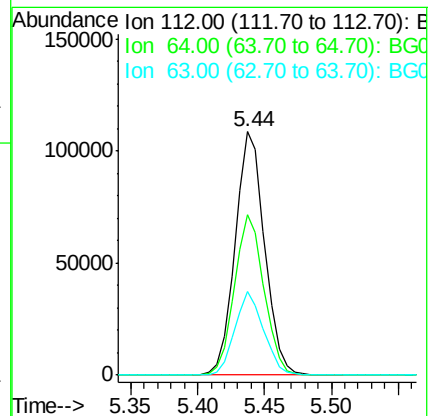
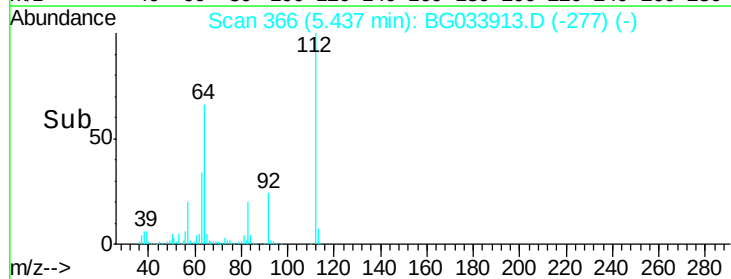
63 34.3 30.1 45.1

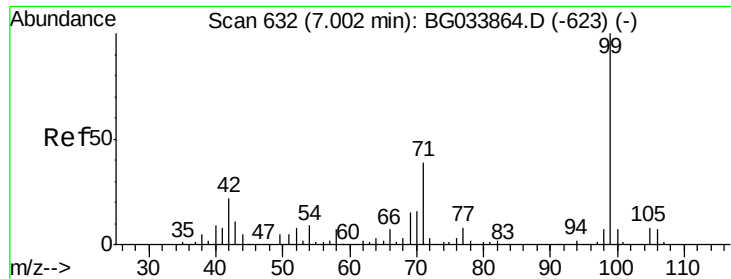


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.158 ng

RT: 6.99 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033913.D

Acq: 21 Apr 2018 9:28

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-U-S

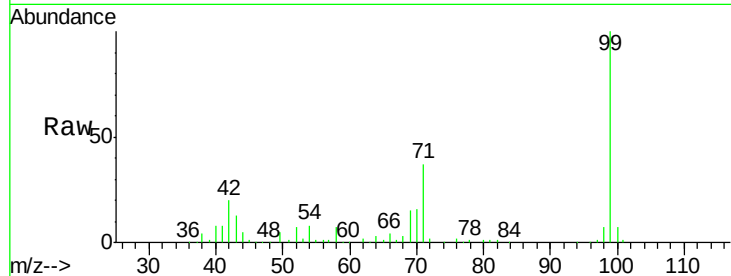
Tot Ion: 99 Resp: 137069

Ion Ratio Lower Upper

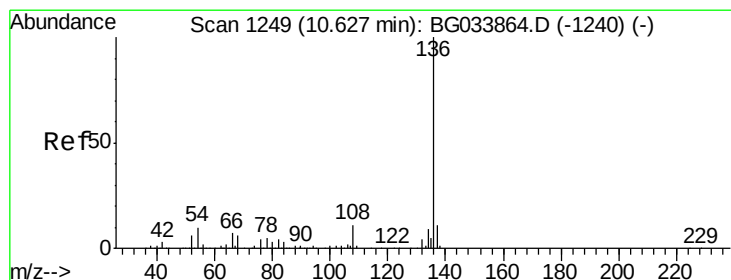
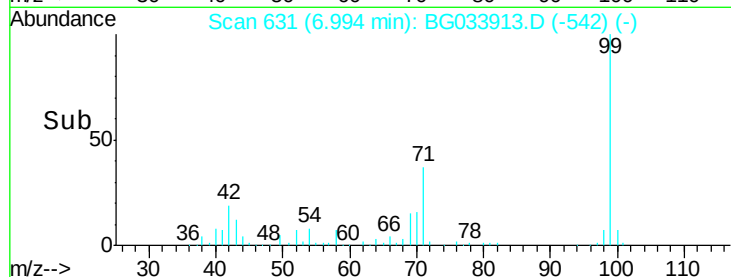
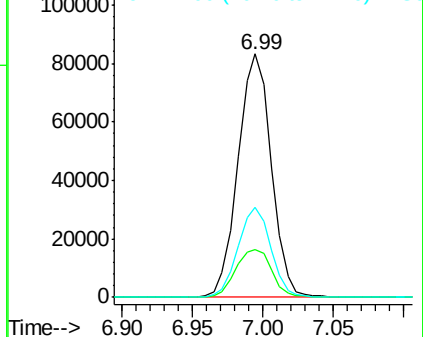
99 100

42 19.6 14.1 21.1

71 37.2 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: BG033913.D

Acq: 21 Apr 2018 9:28

Tgt Ion: 136 Resp: 249684

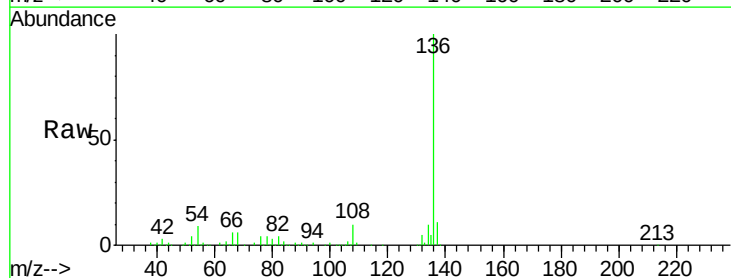
Ion Ratio Lower Upper

136 100

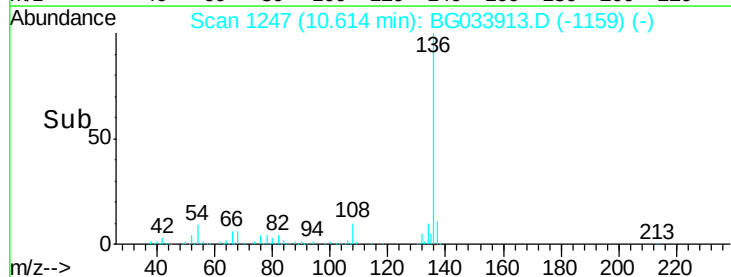
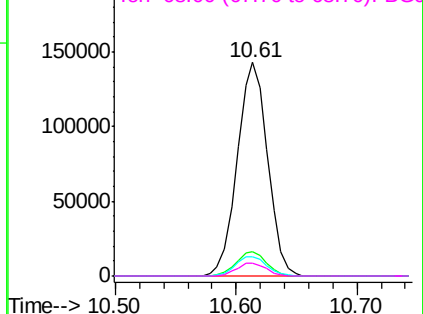
137 11.4 9.2 13.8

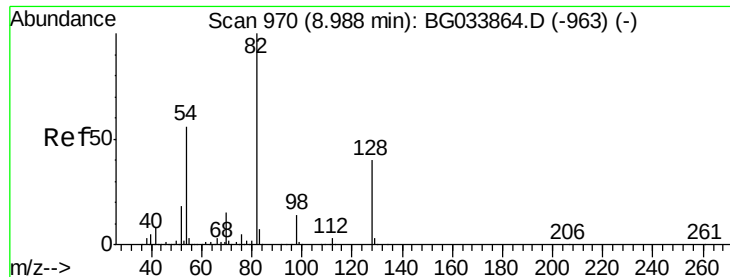
54 8.7 10.3 15.5#

68 5.7 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

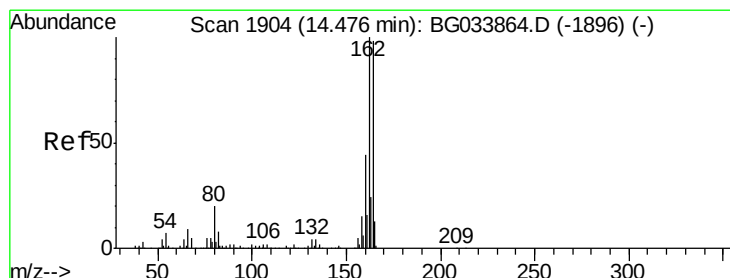
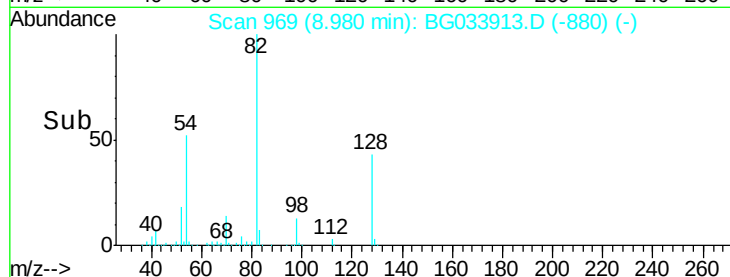
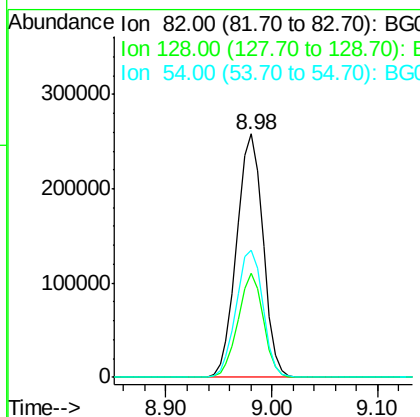
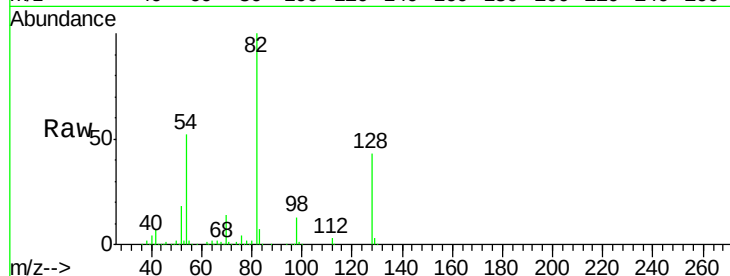




#23
 Nitrobenzene-d5
 Concen: 101.359 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033913.D
 Acq: 21 Apr 2018 9:28

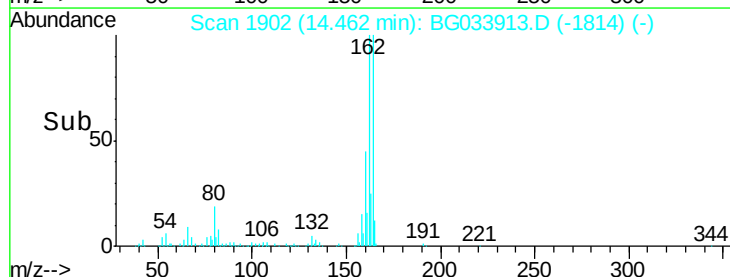
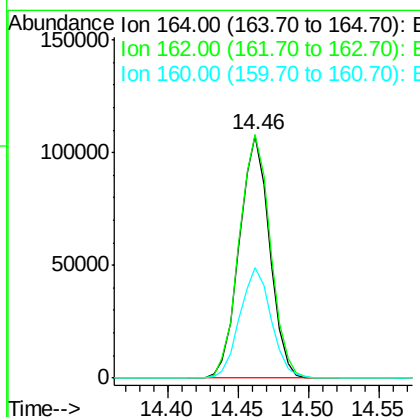
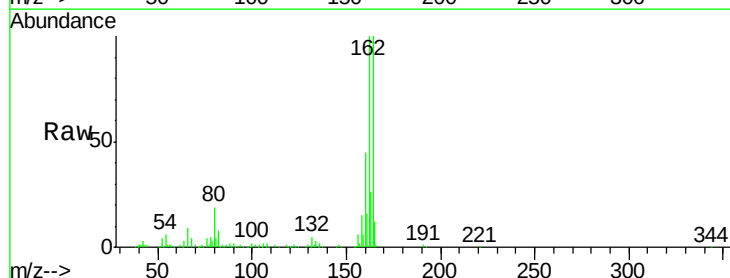
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDW-F-U-S

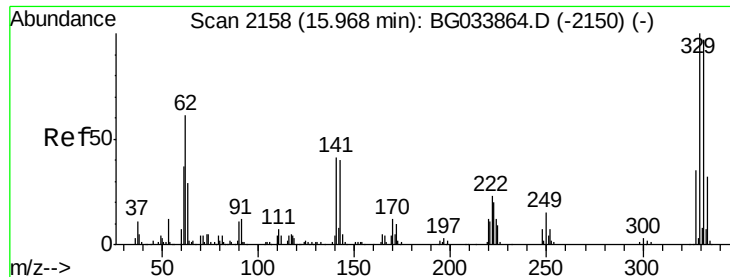
Tot Ion	82	Resp	444699
Ion Ratio	Lower	Upper	
82	100		
128	42.8	29.7	44.5
54	52.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033913.D
 Acq: 21 Apr 2018 9:28

Tgt Ion	164	Resp	160882
Ion Ratio	Lower	Upper	
164	100		
162	100.4	78.8	118.2
160	45.5	35.4	53.0

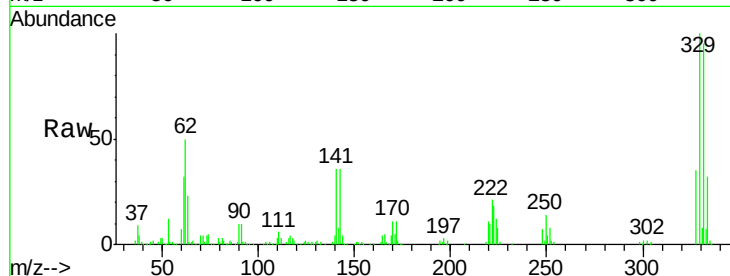




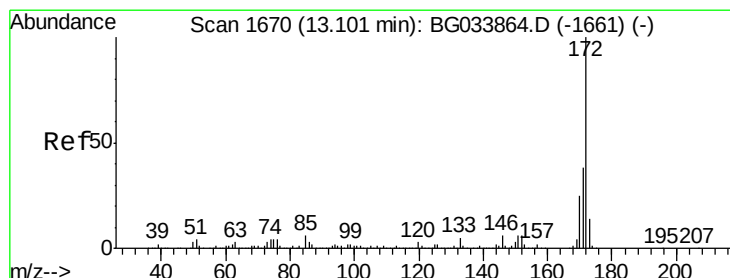
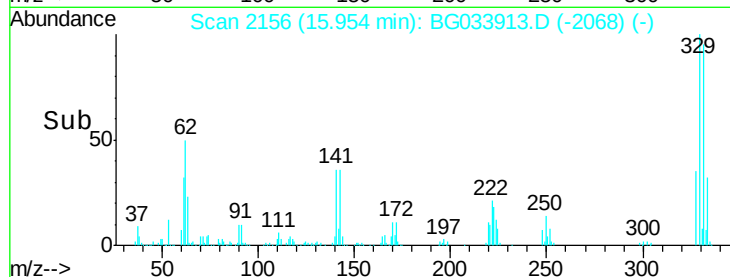
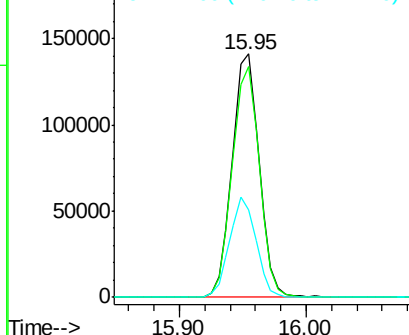
#41
 2,4,6-Tribromophenol
 Concen: 110.859 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033913.D
 Acq: 21 Apr 2018 9:28

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	40.2	25.2	37.8#

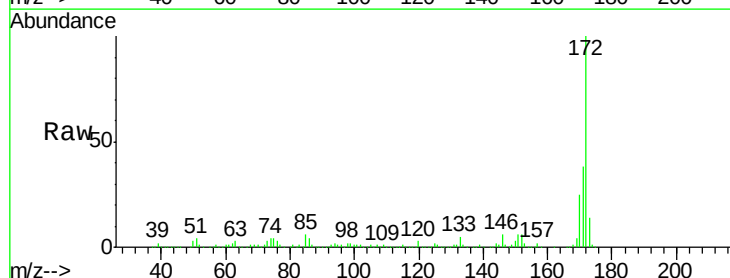


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

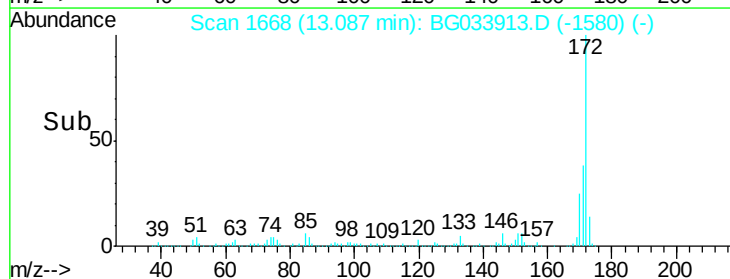
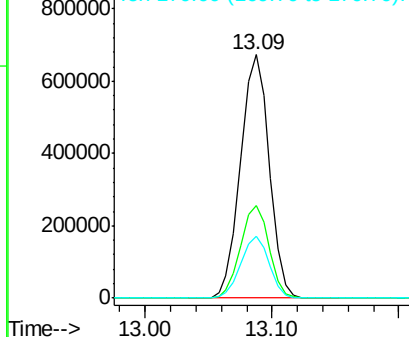


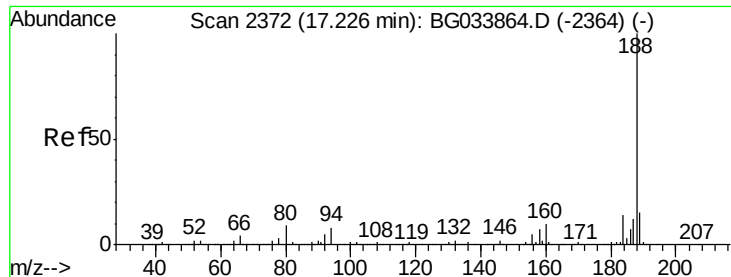
#44
 2-Fluorobiphenyl
 Concen: 96.364 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033913.D
 Acq: 21 Apr 2018 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.4	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: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033913.D

Acq: 21 Apr 2018 9:28

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-U-S

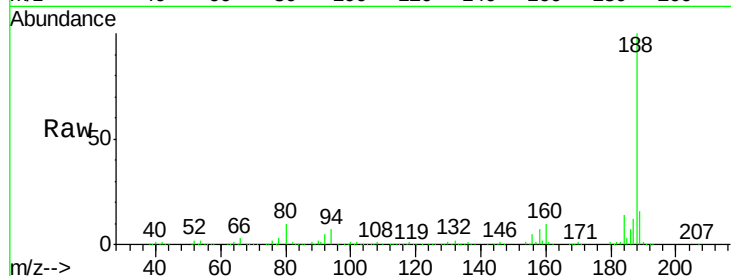
Tot Ion:188 Resp: 426521

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

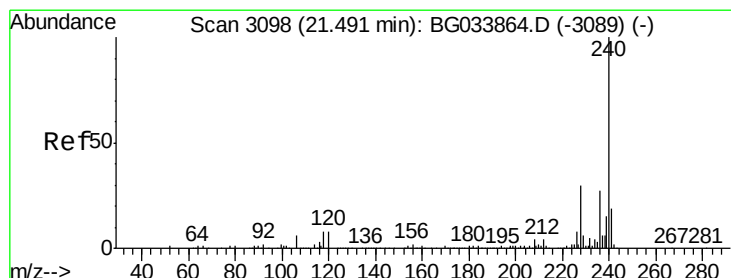
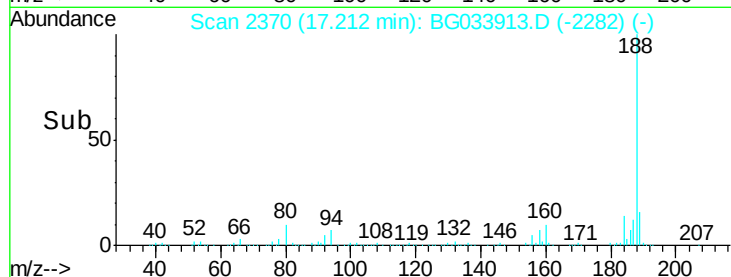
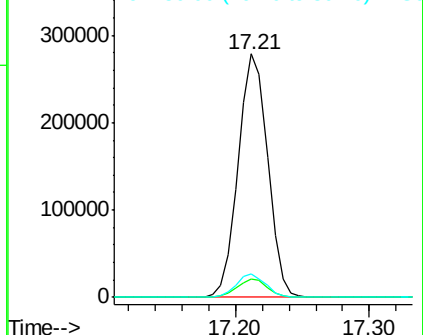
80 9.7 7.7 11.5



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: 20.000 ng

RT: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033913.D

Acq: 21 Apr 2018 9:28

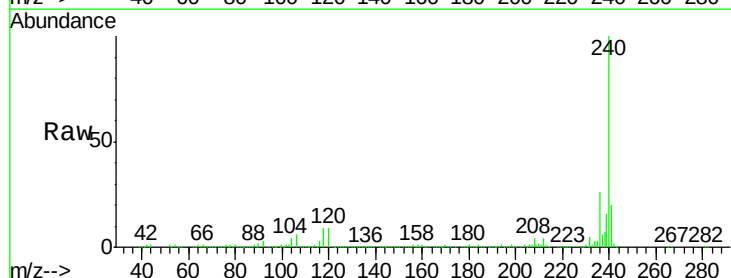
Tgt Ion:240 Resp: 514512

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

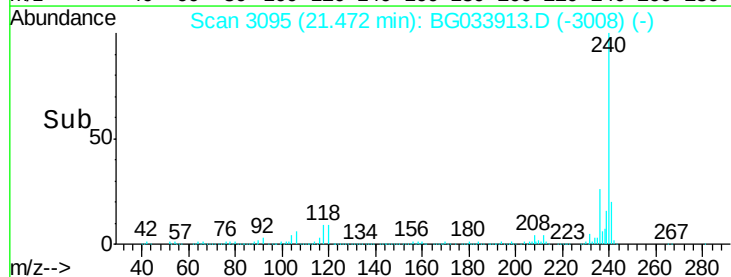
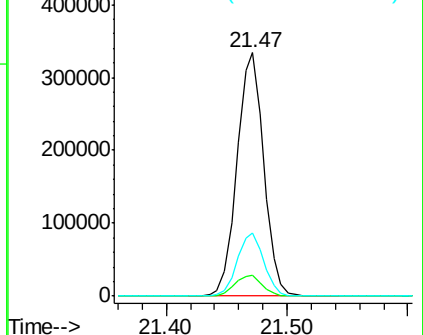
236 26.1 20.9 31.3

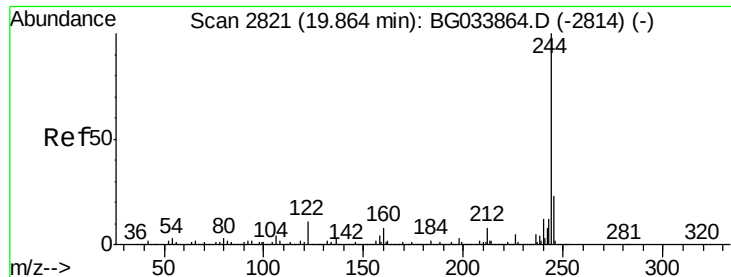


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.526 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033913.D

Acq: 21 Apr 2018 9:28

Instrument :

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ClientSampleId :

041818-SIDW-F-U-S

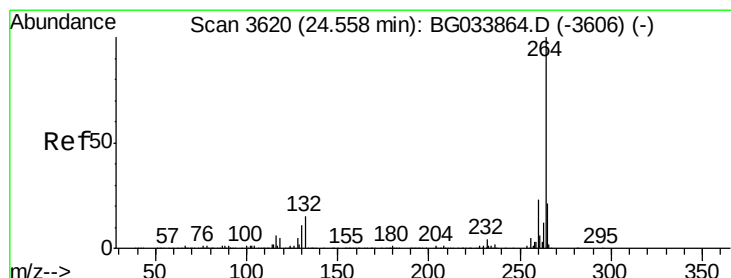
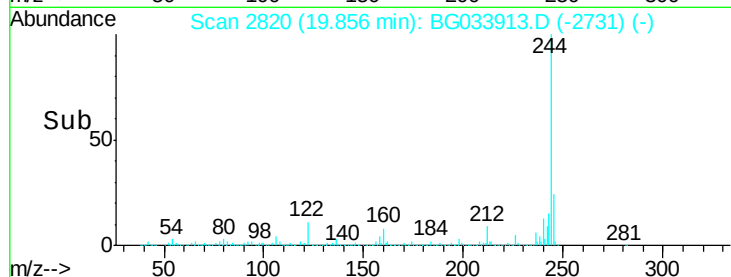
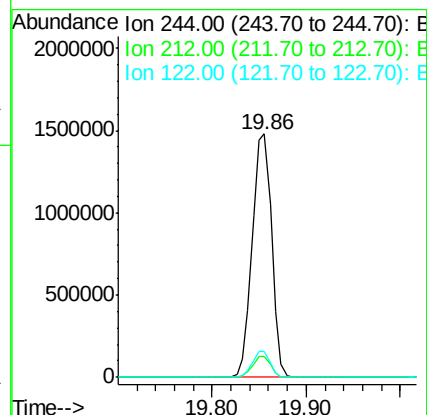
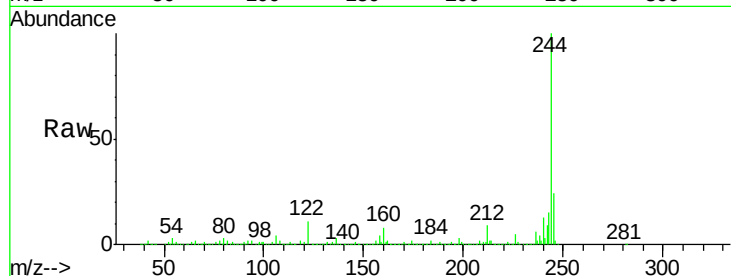
Tot Ion:244 Resp: 2119000

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 10.8 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.53 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG033913.D

Acq: 21 Apr 2018 9:28

Tgt Ion:264 Resp: 516749

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.6 17.7 26.5

