

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033910.D
 Acq On : 21 Apr 2018 7:35
 Operator : SJ/JU
 Sample : J2473-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 23 03:21:03 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	61450	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	262360	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	170880	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	461237	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	537720	20.00	ng	-0.02
86) Perylene-d12	24.53	264	543489	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	188538	48.98	ng	0.00
7) Phenol-d6	7.00	99	159750	28.46	ng	0.00
23) Nitrobenzene-d5	8.98	82	465645	101.01	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	224984	112.85	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1120523	96.33	ng	-0.01
78) Terphenyl-d14	19.86	244	2224993	92.96	ng	0.00

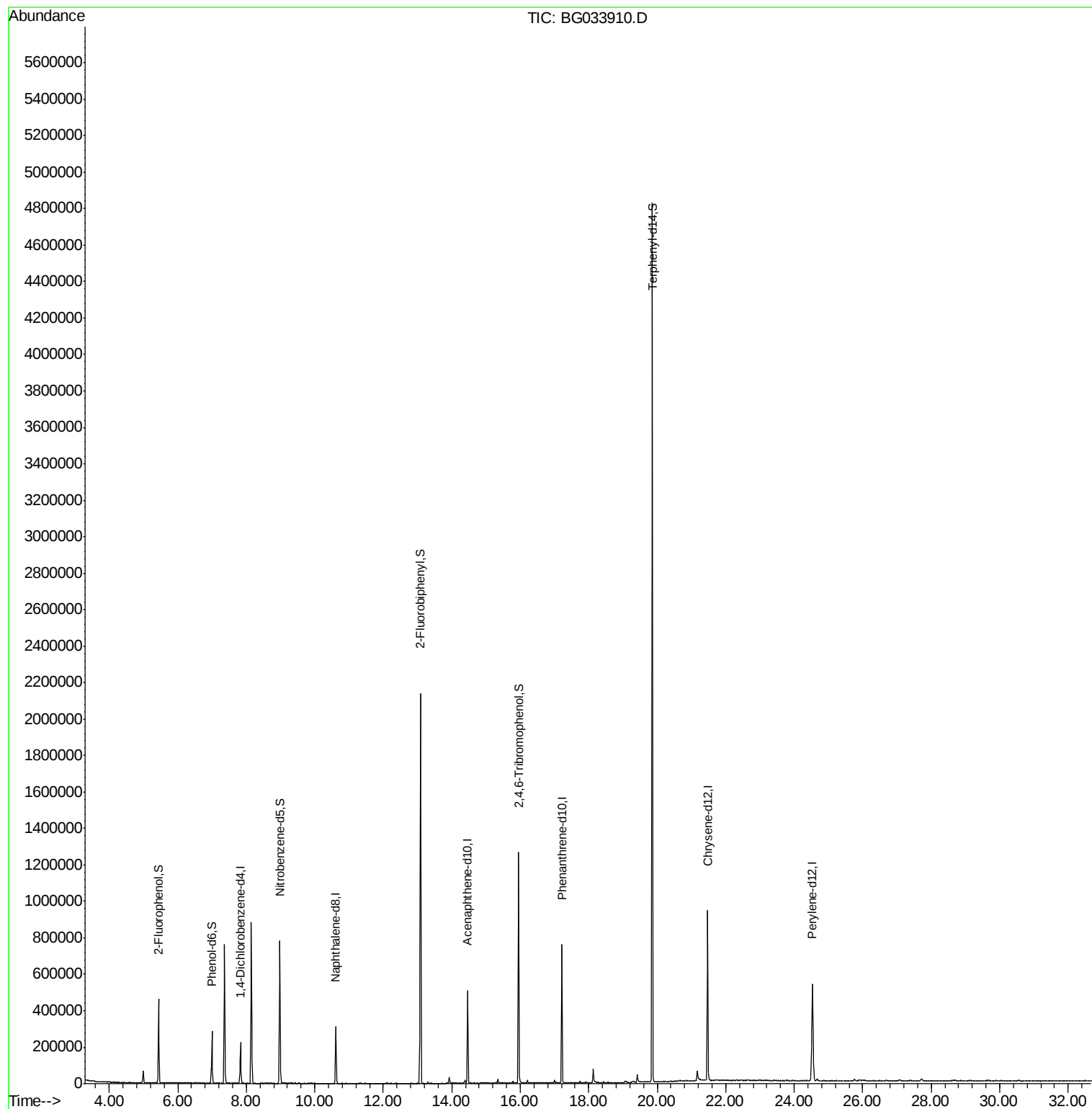
Target Compounds Qvalue

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

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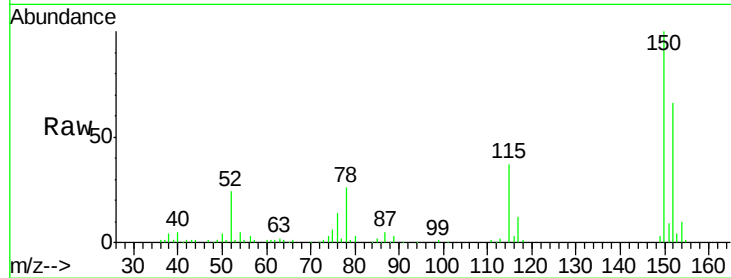


#1

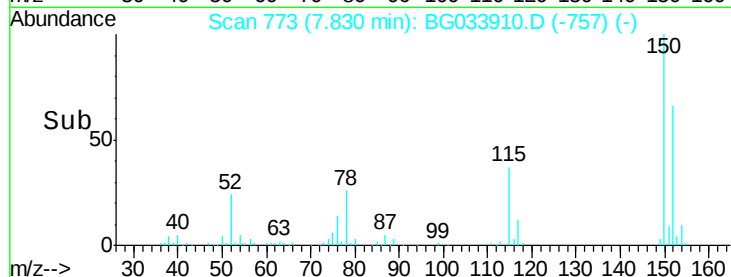
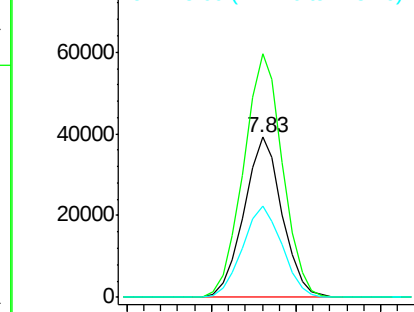
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033910.D
Acq: 21 Apr 2018 7:35

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

Tot Ion:152 Resp: 61450
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 56.8 53.0 79.4



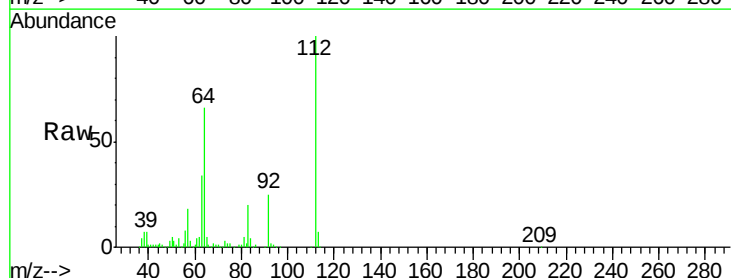
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



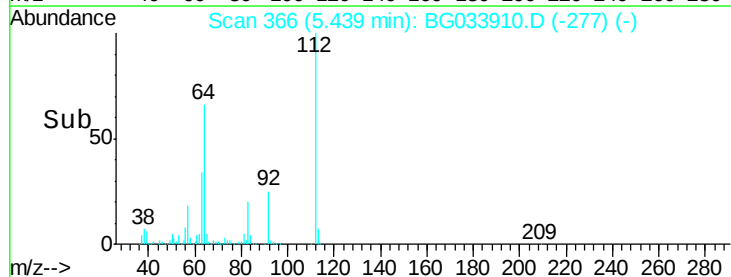
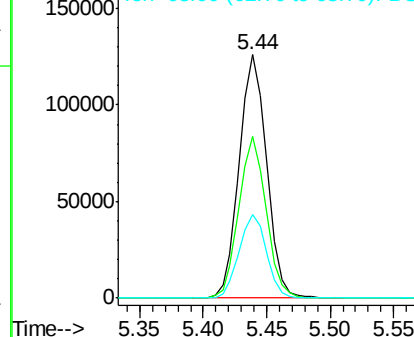
#5

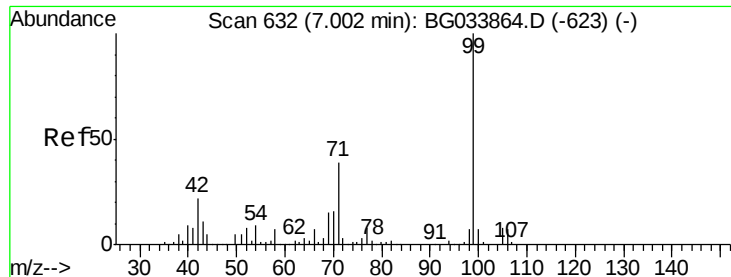
2-Fluorophenol
Concen: 48.984 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033910.D
Acq: 21 Apr 2018 7:35

Tgt Ion:112 Resp: 188538
Ion Ratio Lower Upper
112 100
64 66.4 56.3 84.5
63 34.2 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: 28.456 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033910.D

Acq: 21 Apr 2018 7:35

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-D-S

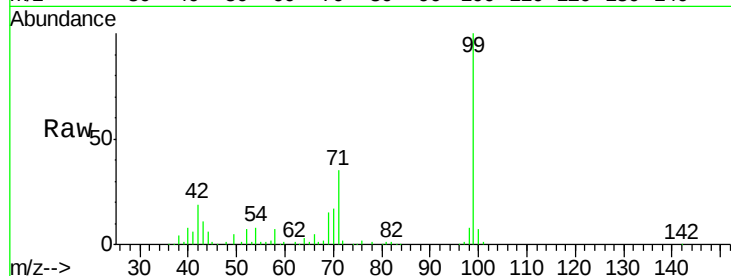
Tot Ion: 99 Resp: 159750

Ion Ratio Lower Upper

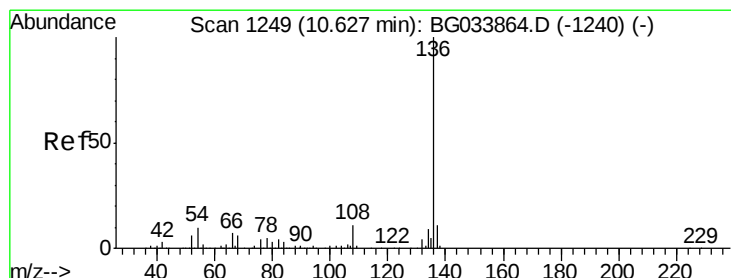
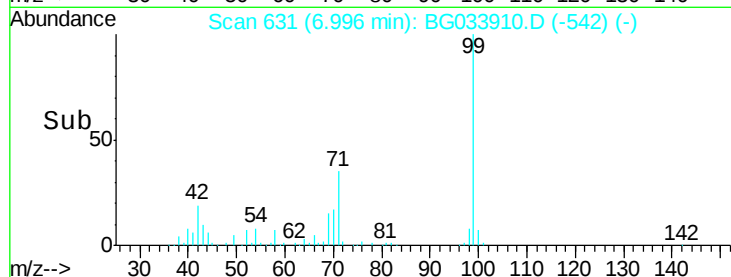
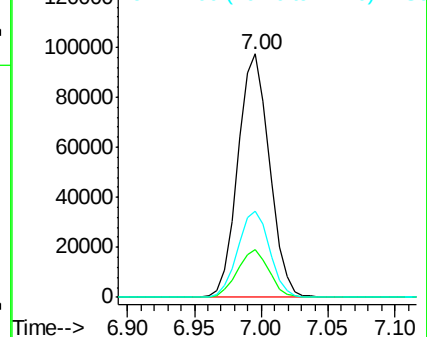
99 100

42 19.5 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: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033910.D

Acq: 21 Apr 2018 7:35

Tgt Ion: 136 Resp: 262360

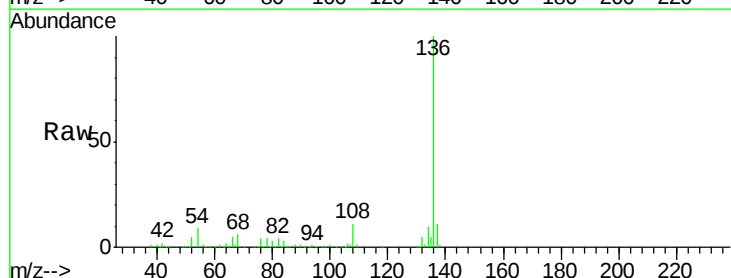
Ion Ratio Lower Upper

136 100

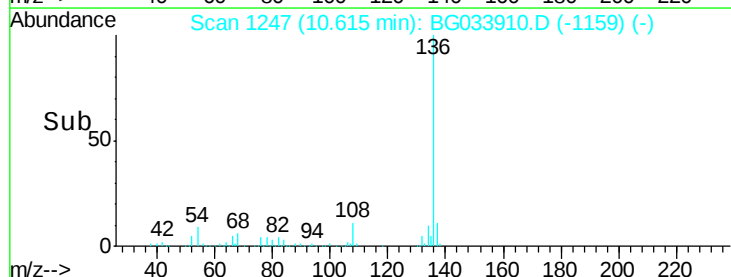
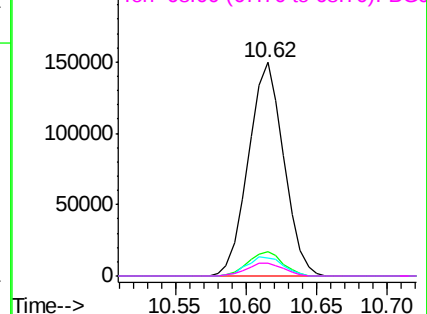
137 11.2 9.2 13.8

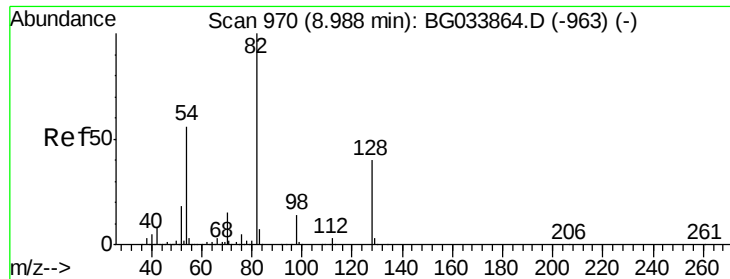
54 8.5 10.3 15.5#

68 6.0 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

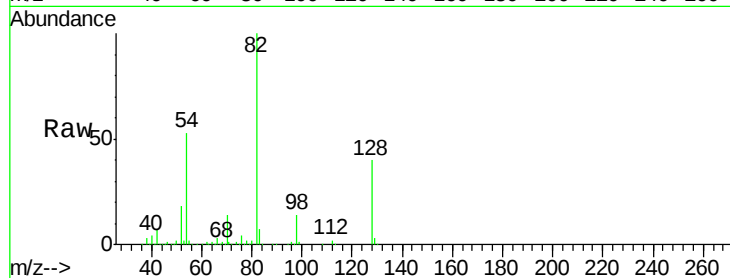




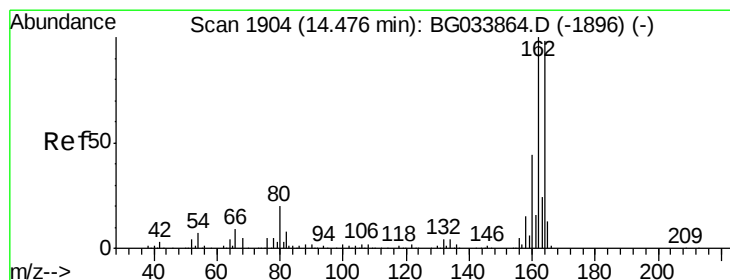
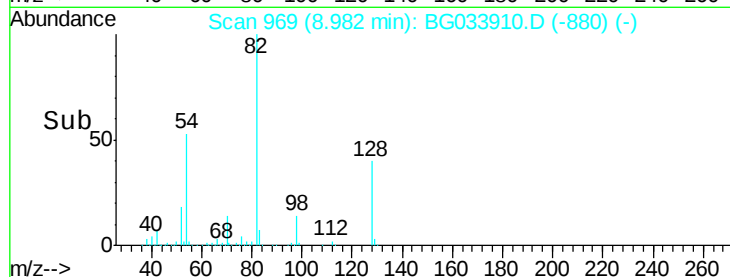
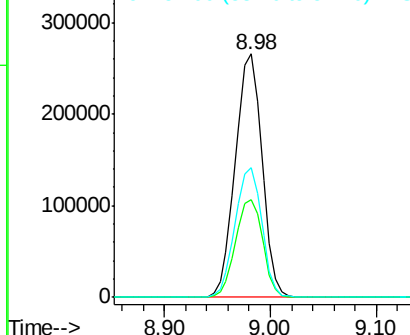
#23
 Nitrobenzene-d5
 Concen: 101.005 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033910.D
 Acq: 21 Apr 2018 7:35

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

Tot Ion	82	Resp	465645
Ion Ratio	100	Lower	Upper
128	40.4	29.7	44.5
54	53.1	43.1	64.7

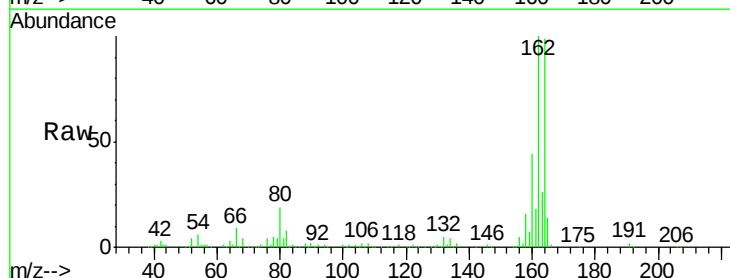


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

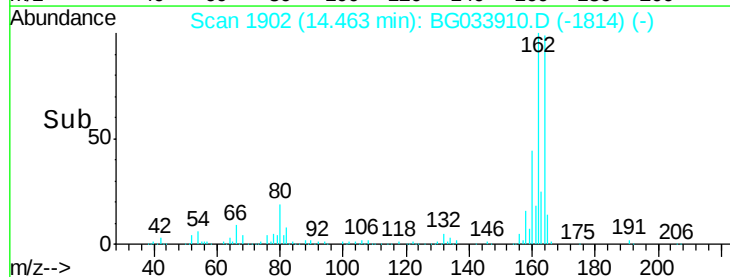
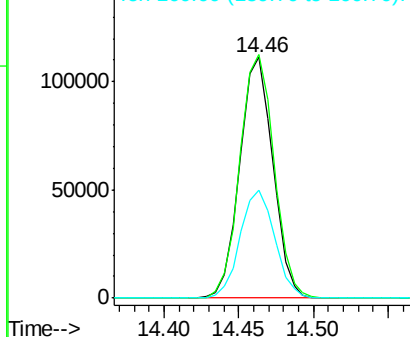


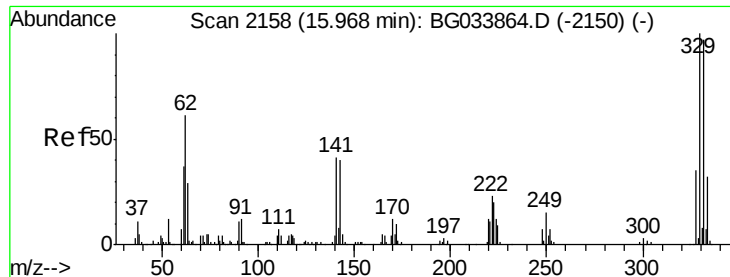
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033910.D
 Acq: 21 Apr 2018 7:35

Tgt Ion	164	Resp	170880
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.1	78.8	118.2
160	44.8	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

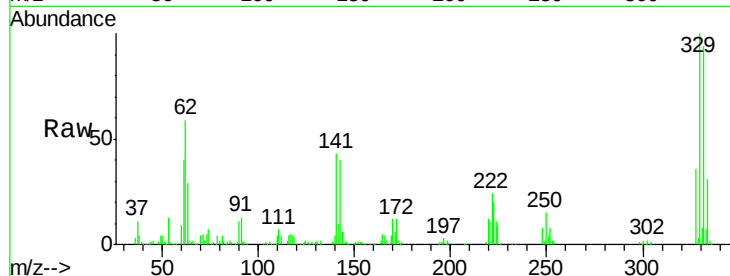




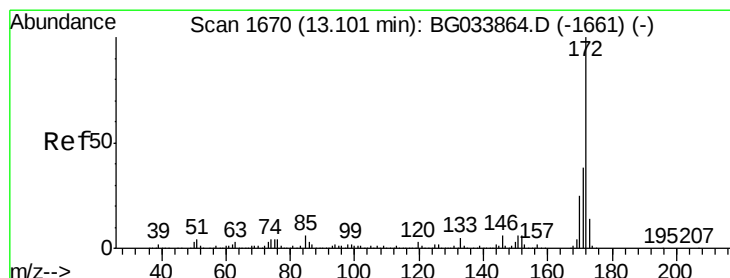
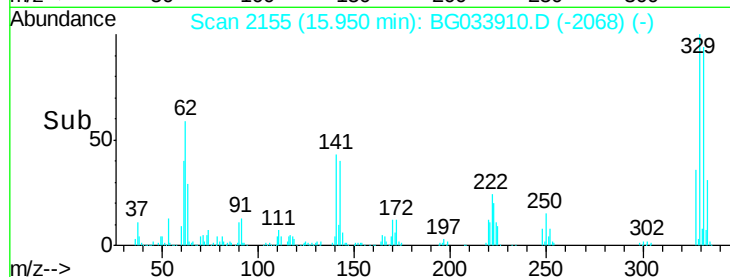
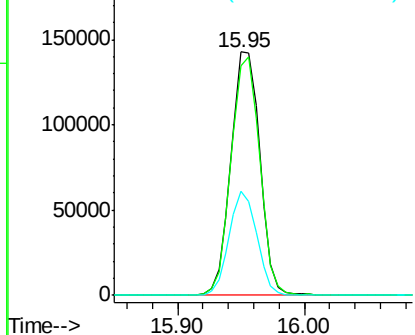
#41
 2,4,6-Tribromophenol
 Concen: 112.854 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033910.D
 Acq: 21 Apr 2018 7:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	41.2	25.2	37.8#

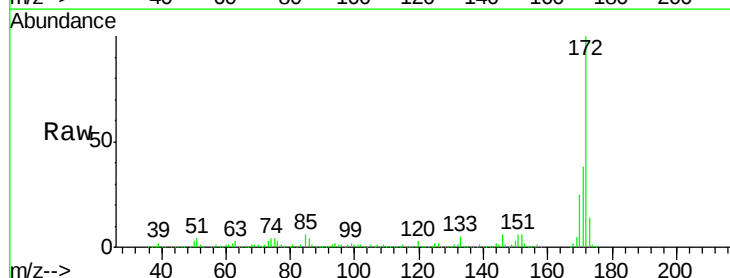


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

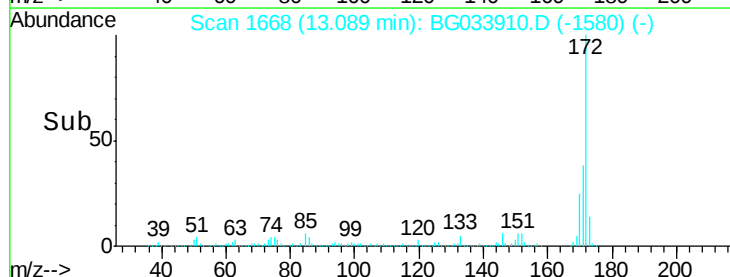
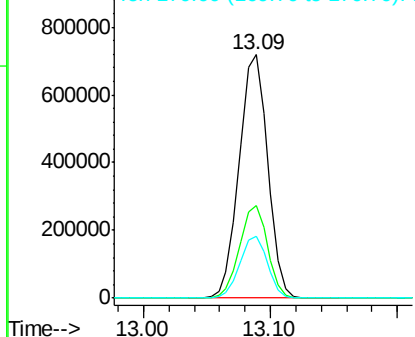


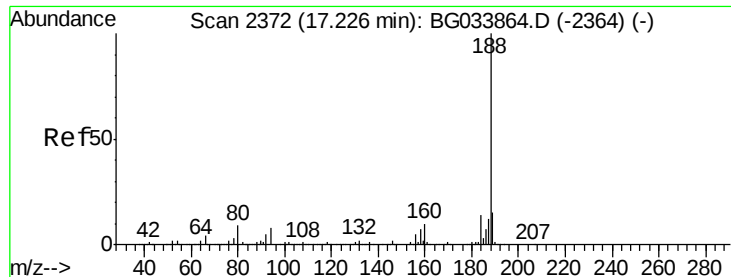
#44
 2-Fluorobiphenyl
 Concen: 96.329 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033910.D
 Acq: 21 Apr 2018 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.2	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

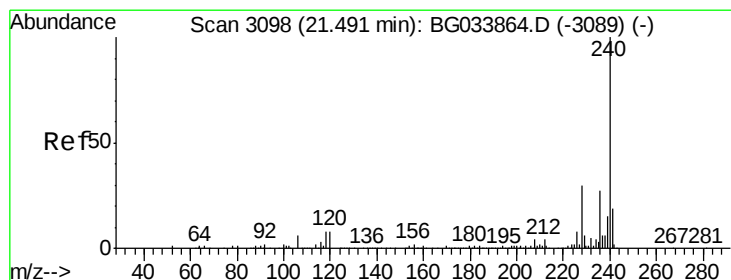
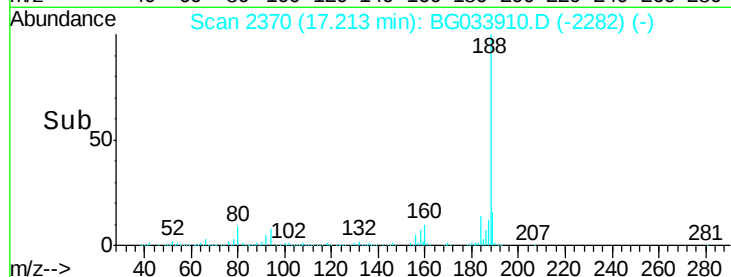
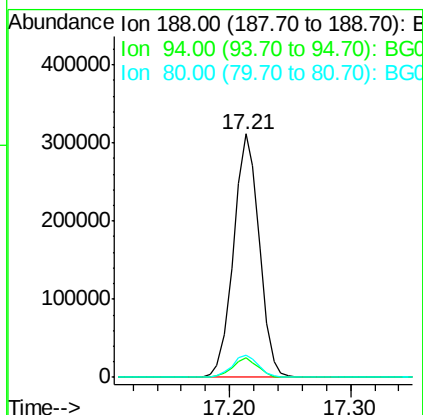
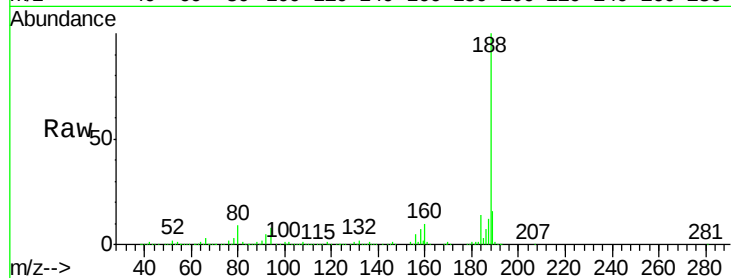




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033910.D
Acq: 21 Apr 2018 7:35

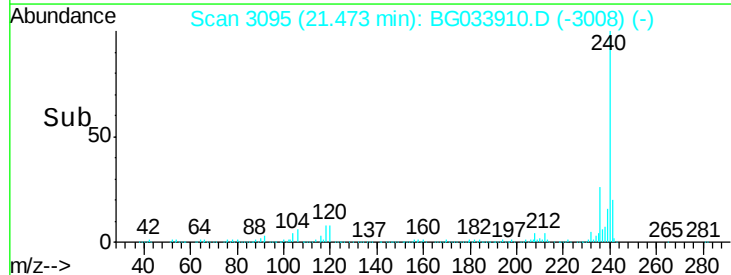
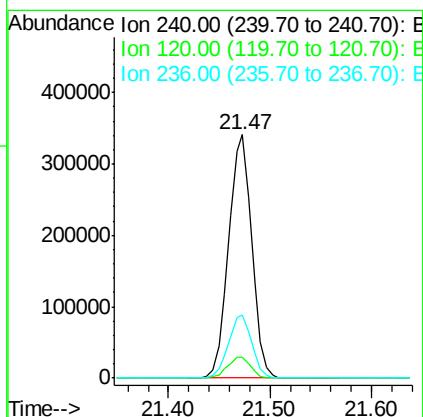
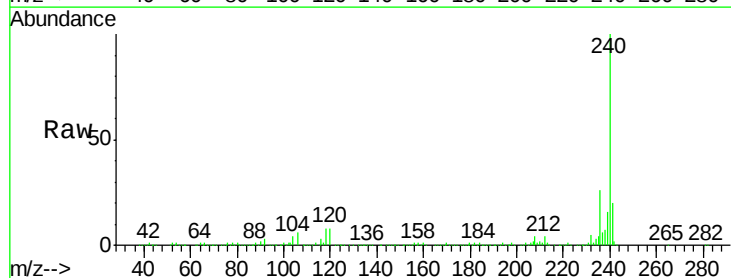
Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-D-S

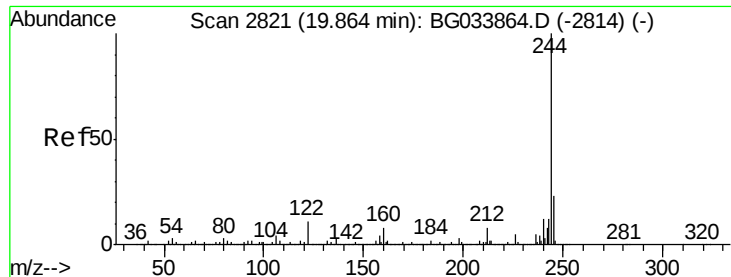
Tot Ion:188 Resp: 461237
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033910.D
Acq: 21 Apr 2018 7:35

Tgt Ion:240 Resp: 537720
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 92.961 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033910.D

Acq: 21 Apr 2018 7:35

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-D-S

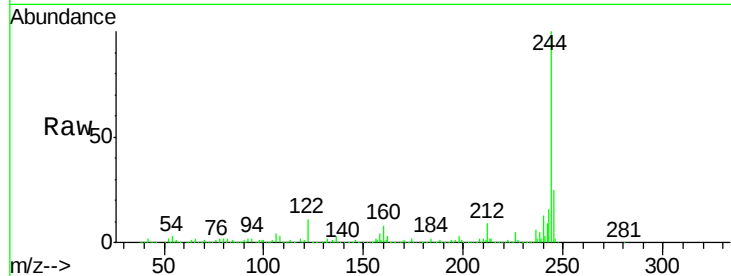
Tot Ion:244 Resp: 2224993

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

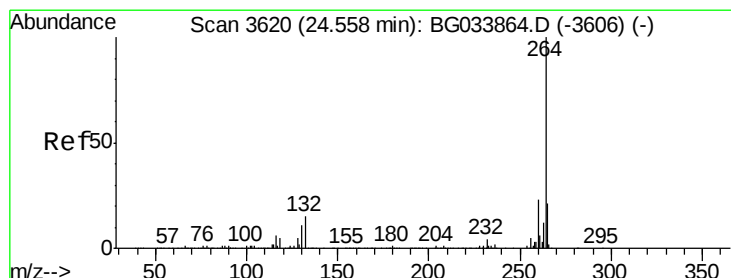
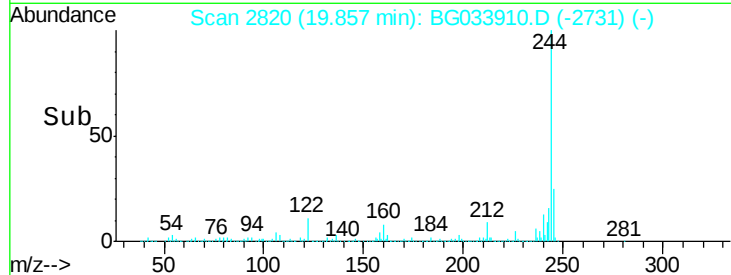
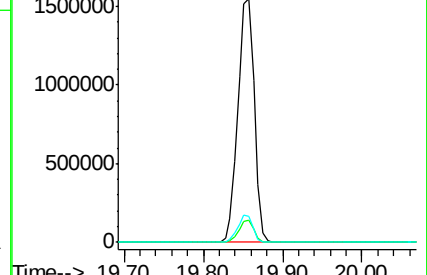
122 10.6 7.0 10.4#



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: 24.53 min Scan# 3616

Delta R.T. -0.02 min

Lab File: BG033910.D

Acq: 21 Apr 2018 7:35

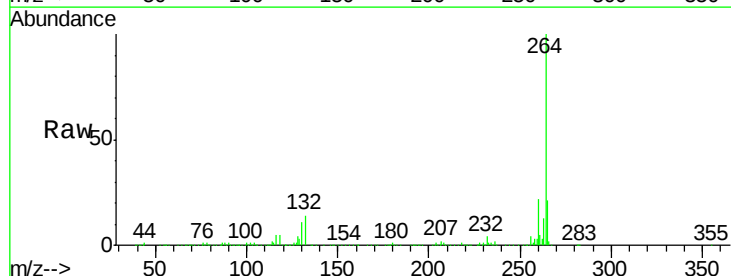
Tgt Ion:264 Resp: 543489

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.5 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

