

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033902.D
 Acq On : 21 Apr 2018 2:34
 Operator : SJ/JU
 Sample : J2473-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-B

Quant Time: Apr 21 05:53:20 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	60725	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	259442	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	165363	20.00	ng	-0.02
63) Phenanthrene-d10	17.22	188	437958	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	537671	20.00	ng	-0.02
86) Perylene-d12	24.54	264	537827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	172650	45.39	ng	0.00
7) Phenol-d6	6.99	99	142054	25.61	ng	-0.01
23) Nitrobenzene-d5	8.98	82	463785	101.73	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	214249	111.05	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1119113	99.42	ng	-0.01
78) Terphenyl-d14	19.85	244	2191429	91.57	ng	-0.01

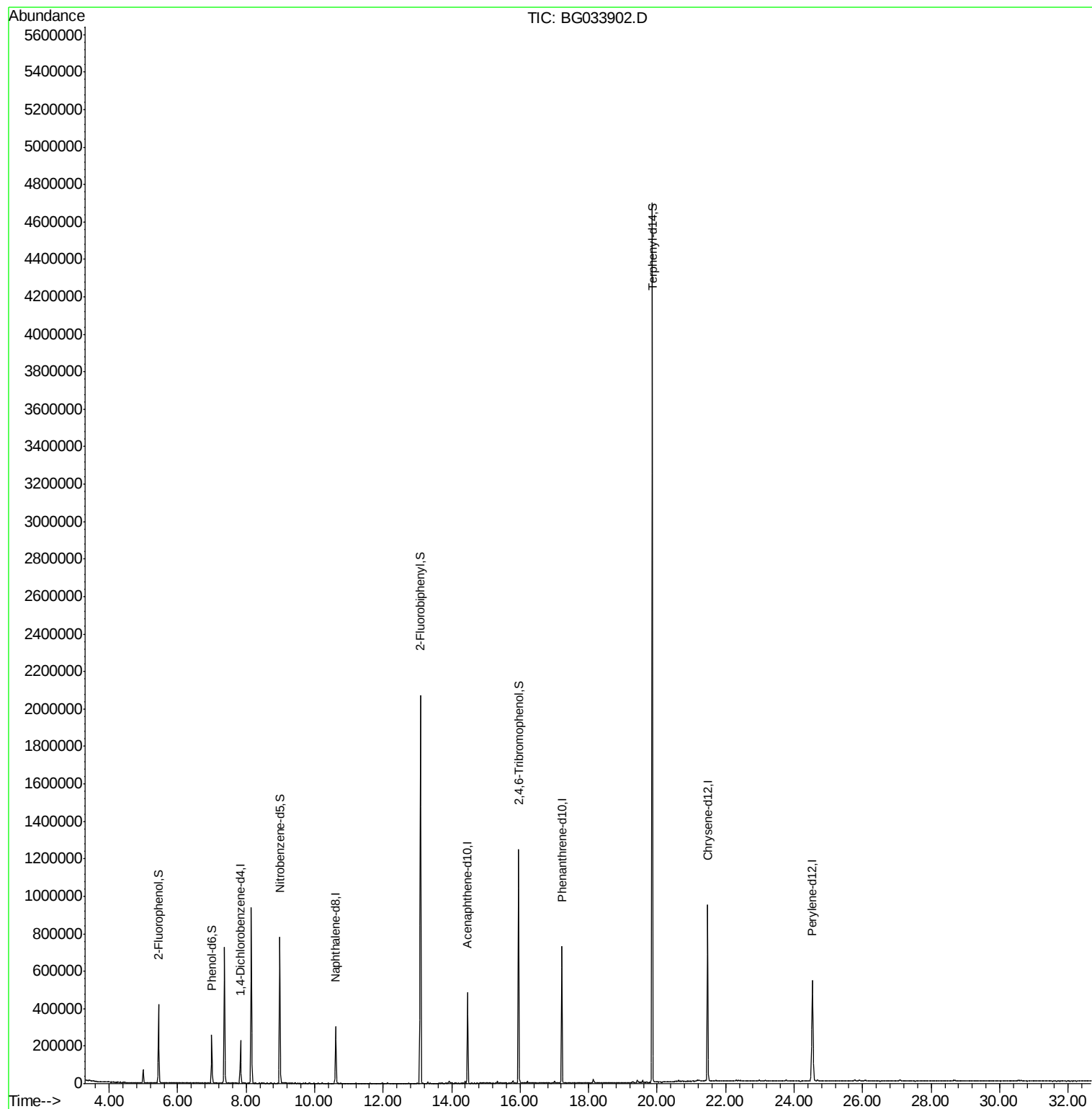
Target Compounds Qvalue

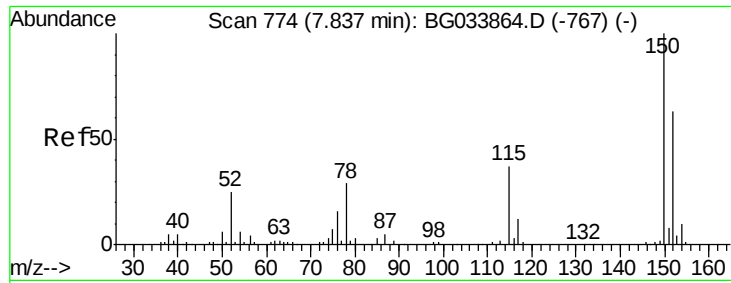
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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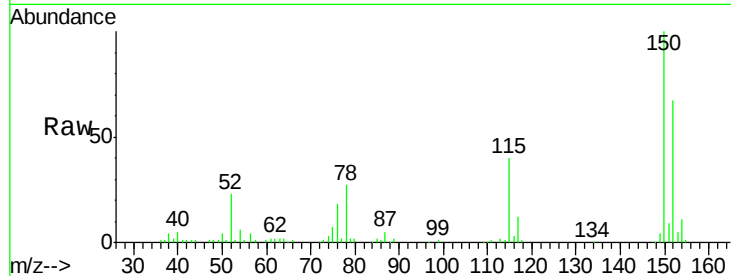


#1

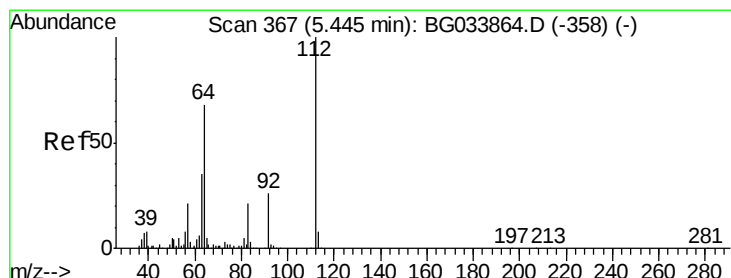
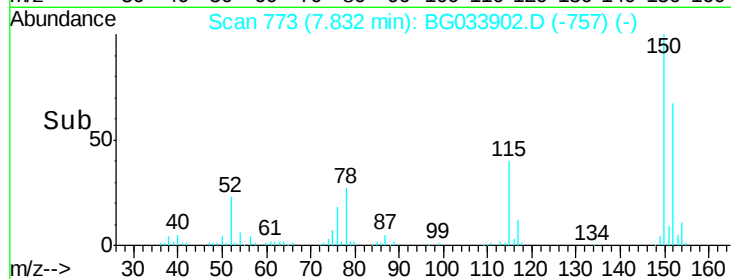
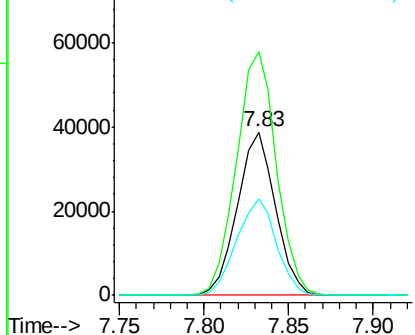
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG033902.D
Acq: 21 Apr 2018 2:34

Instrument :
BNA_G
ClientSampleId :
041818-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.6	189.8
115	59.0	53.0	79.4



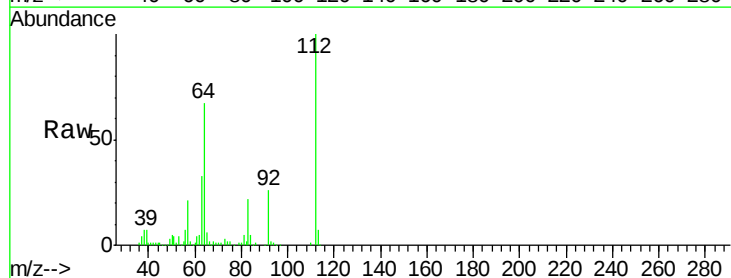
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



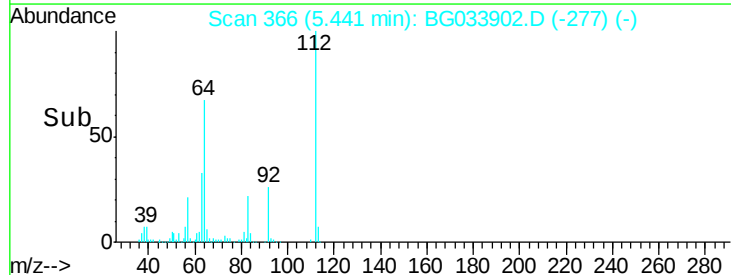
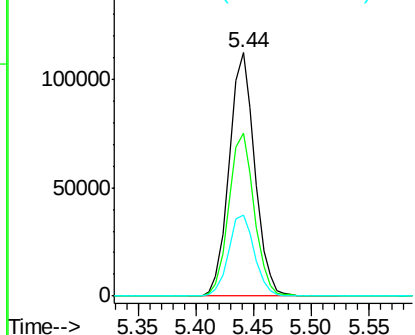
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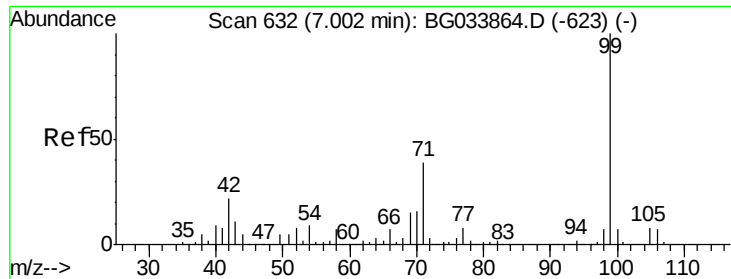
2-Fluorophenol
Concen: 45.392 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033902.D
Acq: 21 Apr 2018 2:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.3	84.5
63	33.5	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: 25.606 ng

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG033902.D

Acq: 21 Apr 2018 2:34

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-B

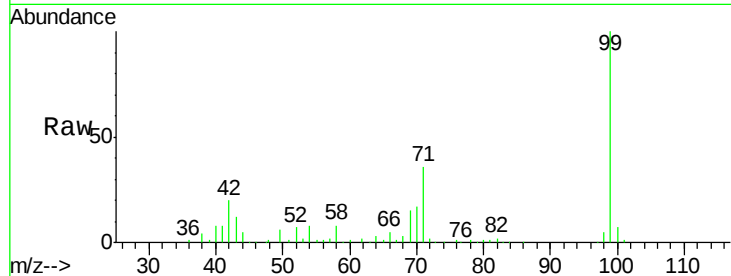
Tot Ion: 99 Resp: 142054

Ion Ratio Lower Upper

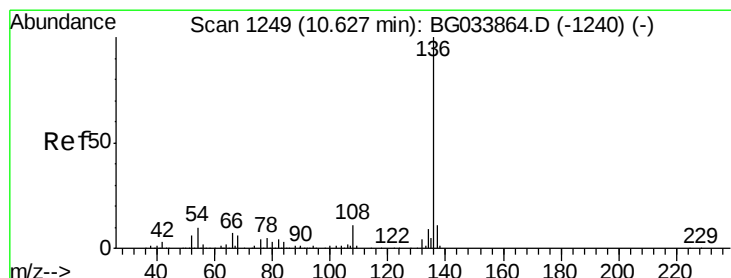
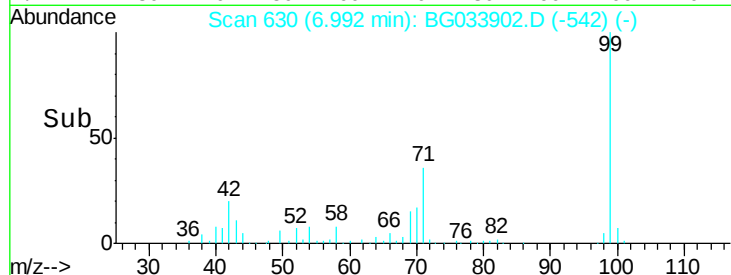
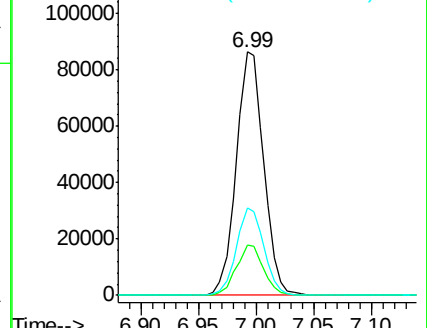
99 100

42 20.5 14.1 21.1

71 36.0 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: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033902.D

Acq: 21 Apr 2018 2:34

Tgt Ion: 136 Resp: 259442

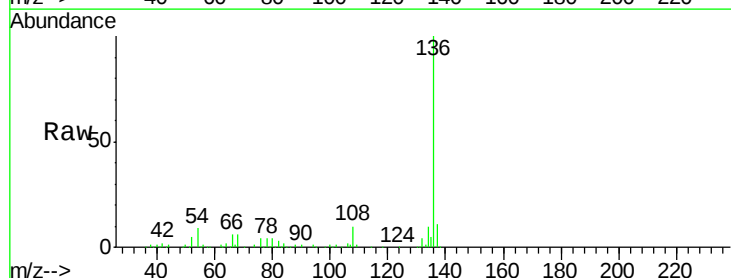
Ion Ratio Lower Upper

136 100

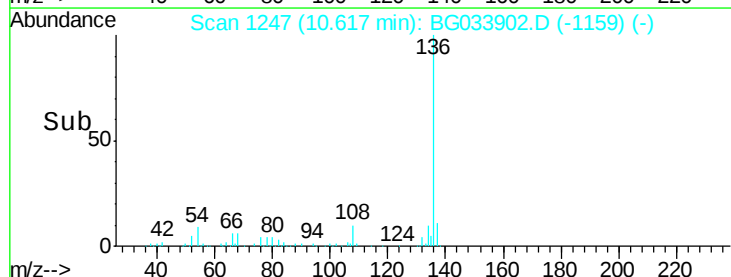
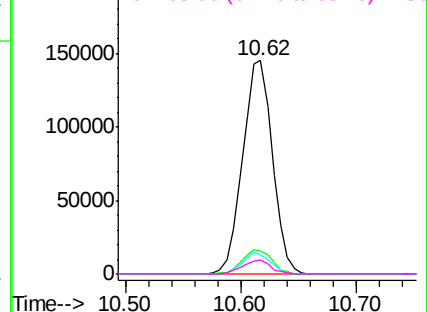
137 10.8 9.2 13.8

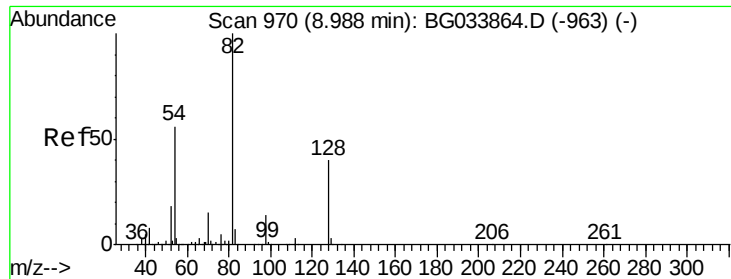
54 8.9 10.3 15.5#

68 6.5 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

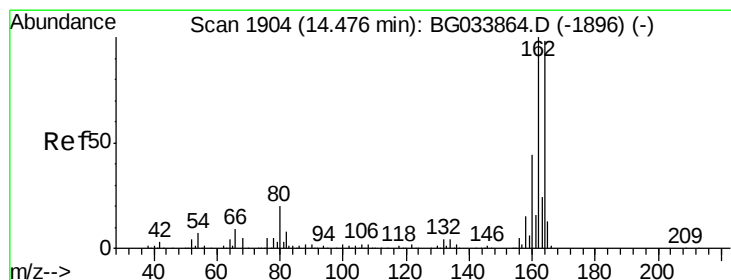
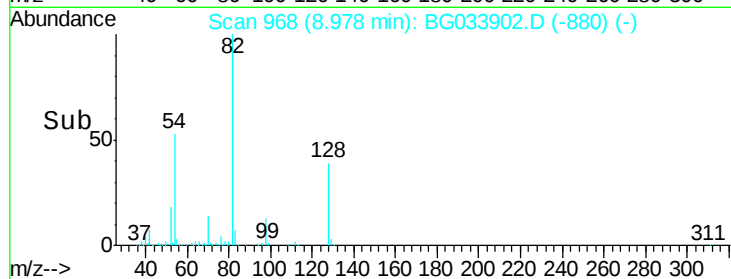
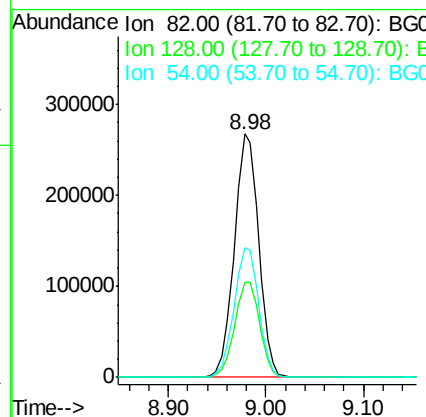
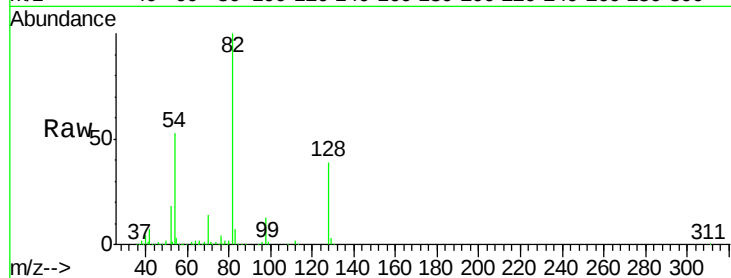




#23
 Nitrobenzene-d5
 Concen: 101.733 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033902.D
 Acq: 21 Apr 2018 2:34

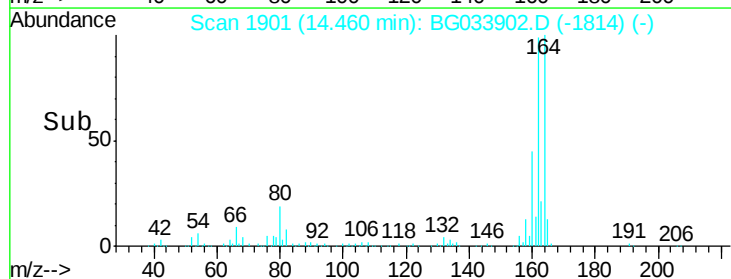
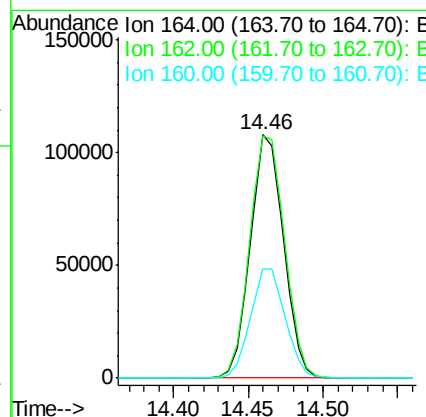
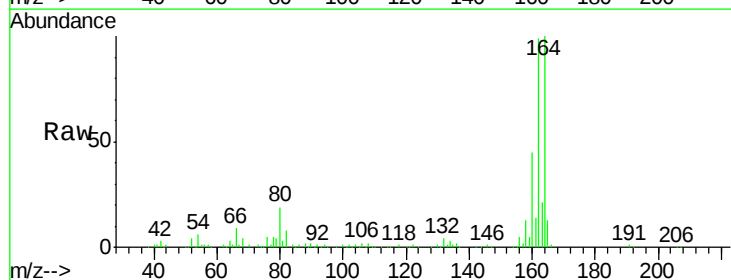
Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-B

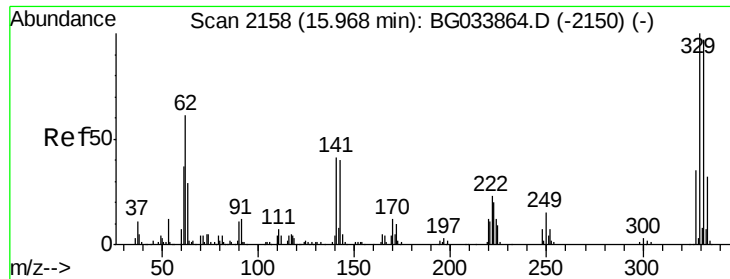
Tot Ion	82	Resp	463785
Ion Ratio	Lower	Upper	
82	100		
128	39.3	29.7	44.5
54	53.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033902.D
 Acq: 21 Apr 2018 2:34

Tgt Ion	164	Resp	165363
Ion Ratio	Lower	Upper	
164	100		
162	99.4	78.8	118.2
160	44.9	35.4	53.0

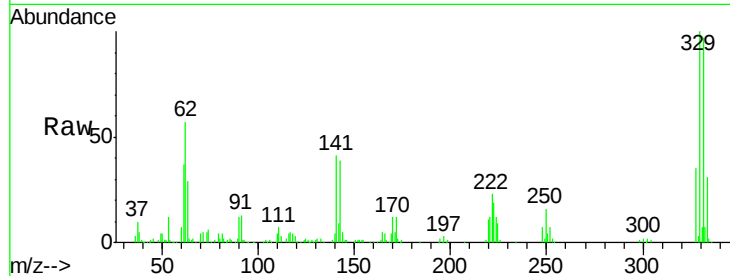




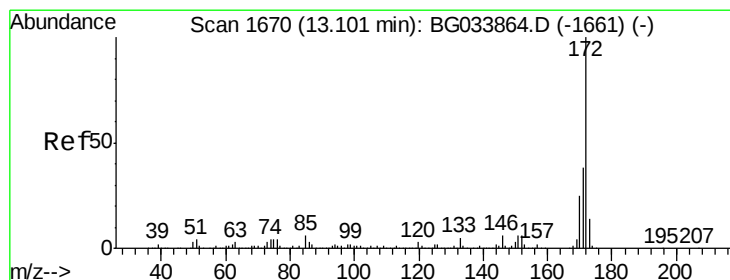
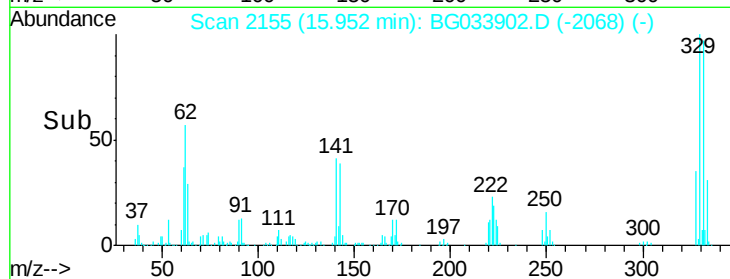
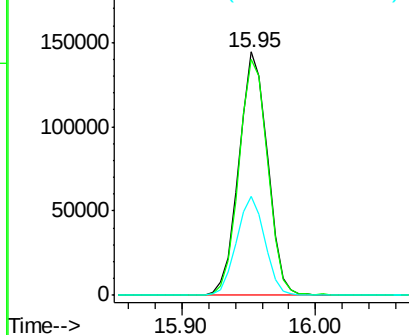
#41
 2,4,6-Tribromophenol
 Concen: 111.055 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033902.D
 Acq: 21 Apr 2018 2:34

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	40.3	25.2	37.8#

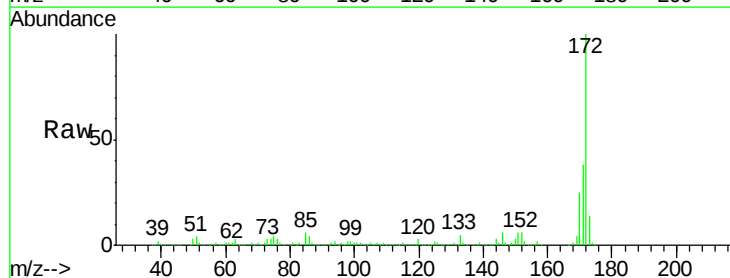


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

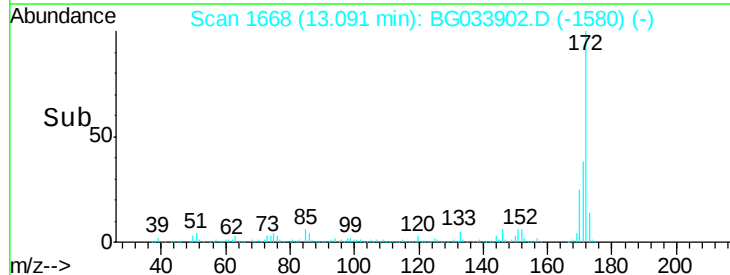
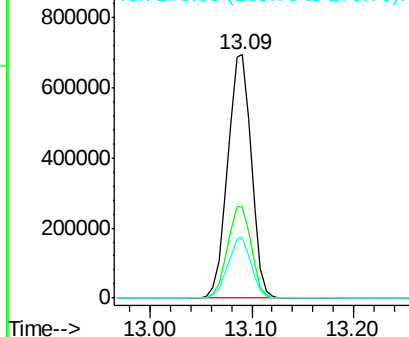


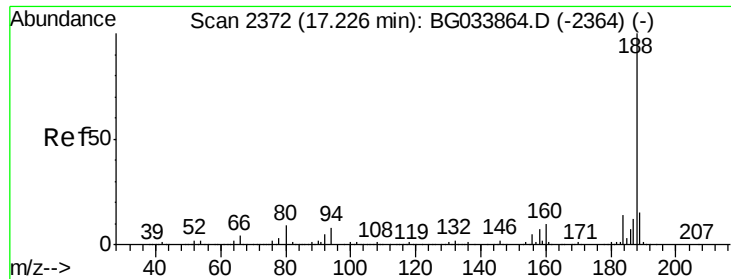
#44
 2-Fluorobiphenyl
 Concen: 99.418 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033902.D
 Acq: 21 Apr 2018 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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

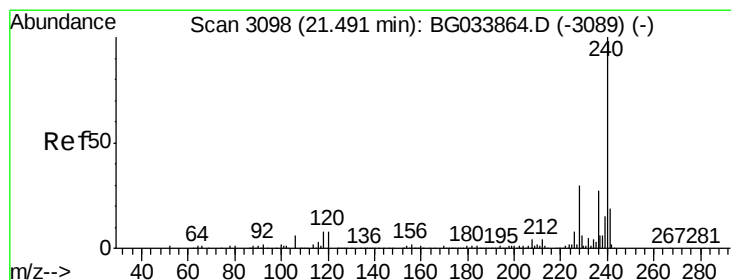
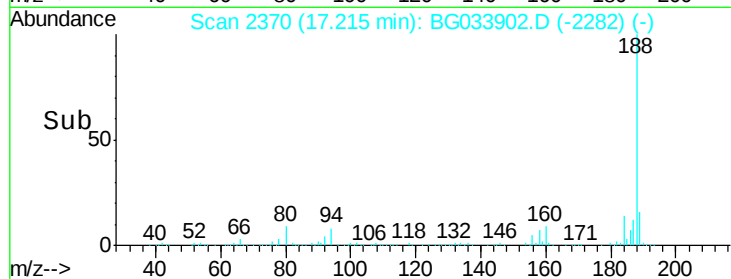
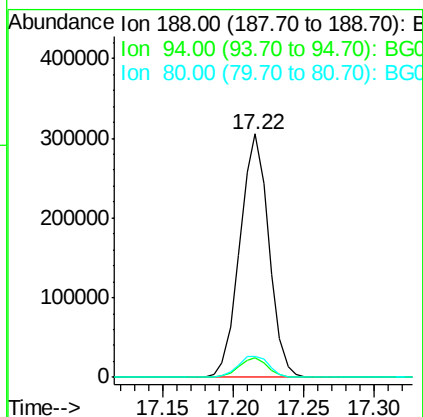
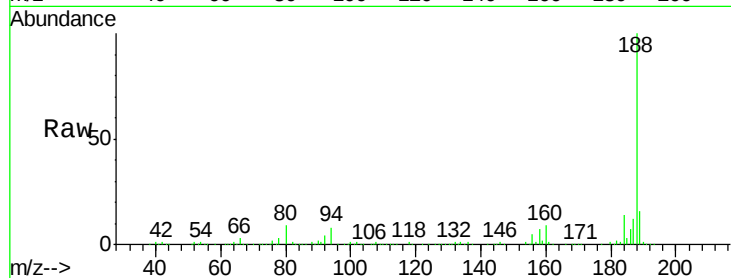




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033902.D
Acq: 21 Apr 2018 2:34

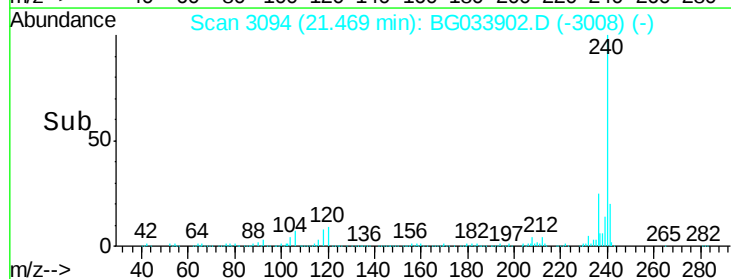
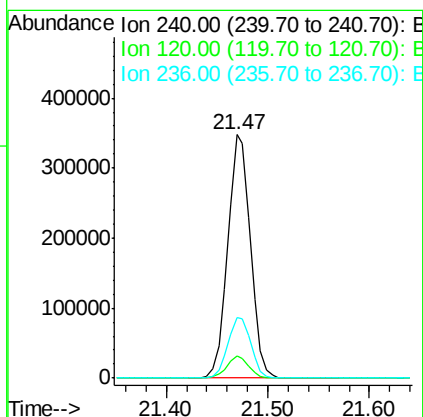
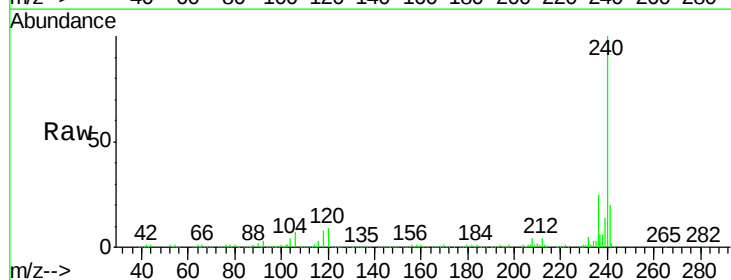
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BNA_G
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041818-SIDI-F-D-B

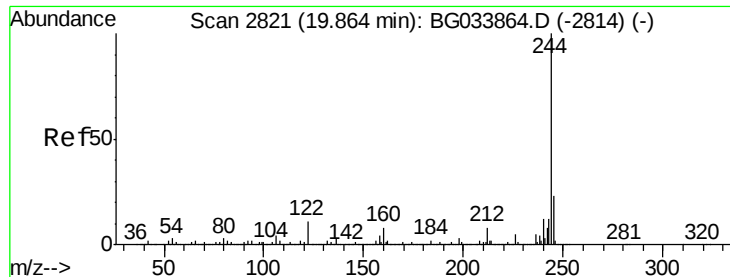
Tot Ion:188 Resp: 437958
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033902.D
Acq: 21 Apr 2018 2:34

Tgt Ion:240 Resp: 537671
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 91.567 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033902.D

Acq: 21 Apr 2018 2:34

Instrument :

BNA_G

ClientSampleId :

041818-SIDI-F-D-B

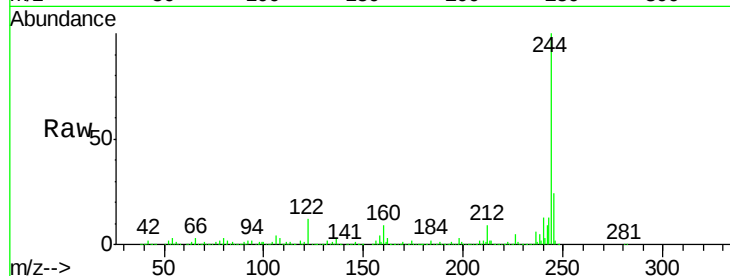
Tot Ion:244 Resp: 2191429

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

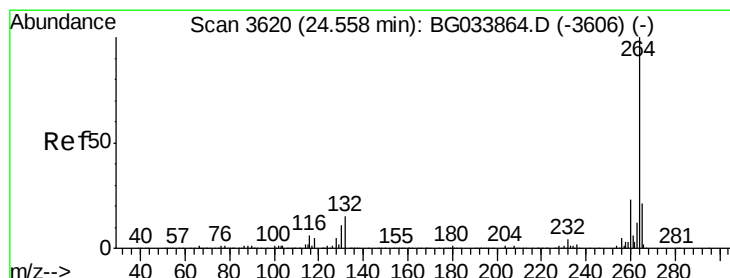
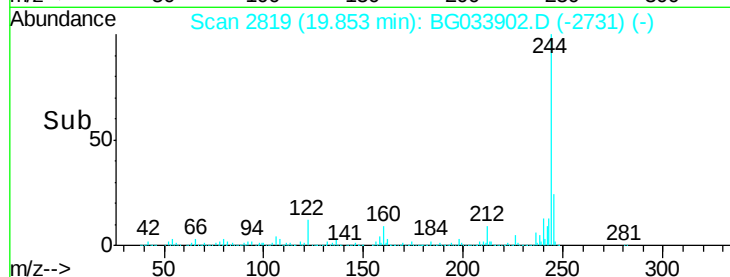
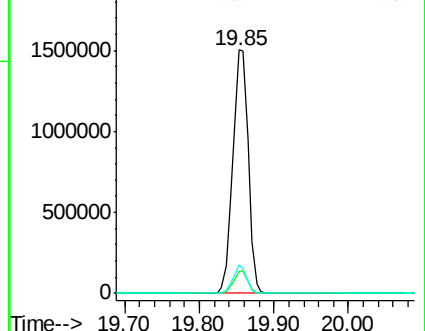
122 11.5 7.0 10.4#



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: 24.54 min Scan# 3616

Delta R.T. -0.02 min

Lab File: BG033902.D

Acq: 21 Apr 2018 2:34

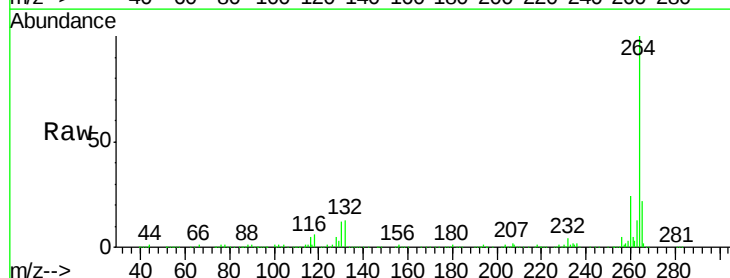
Tgt Ion:264 Resp: 537827

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.3 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

