

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031806.D
 Acq On : 27 Dec 2017 21:07
 Operator : SJ/JU
 Sample : I7058-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122117-SIDI-F-U-B

Quant Time: Dec 28 07:48:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	41921	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	172659	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	126392	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	342216	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	417421	20.00	ng	-0.06
86) Perylene-d12	26.27	264	436693	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	85374	37.09	ng	-0.02
7) Phenol-d6	7.90	99	66849	22.37	ng	-0.03
23) Nitrobenzene-d5	10.00	82	204717	89.53	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	190066	98.55	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	830632	82.49	ng	-0.04
78) Terphenyl-d14	20.70	244	1543326	84.47	ng	-0.04

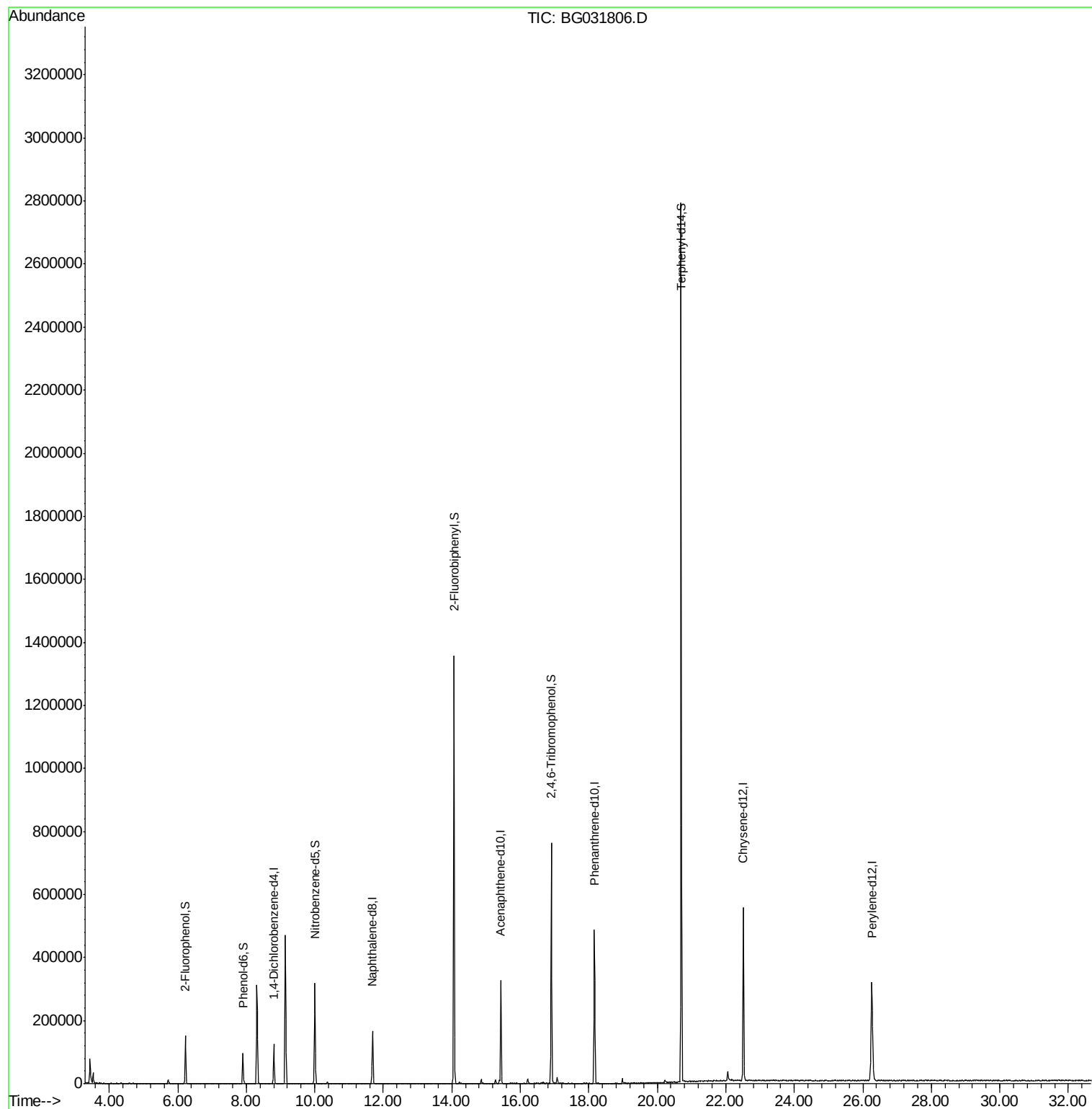
Target Compounds Qvalue

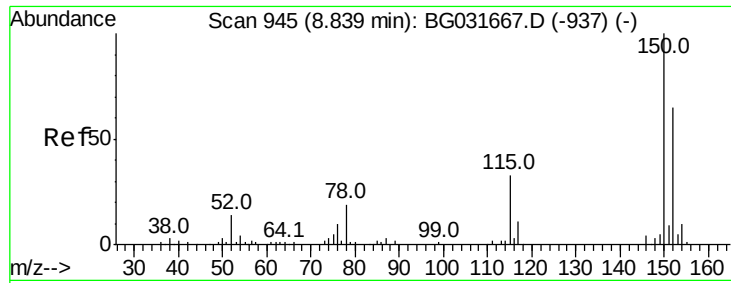
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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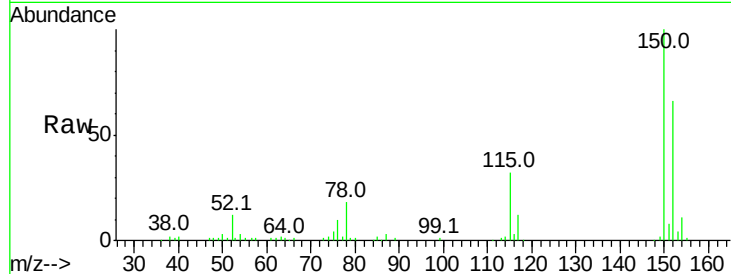


#1

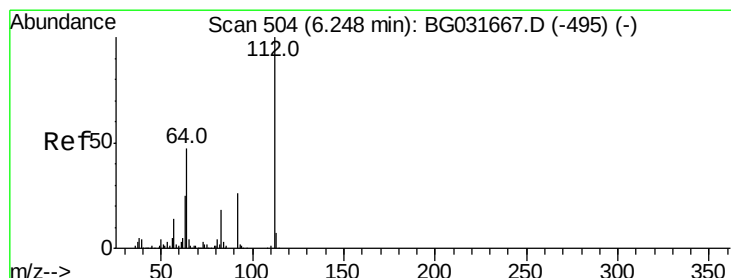
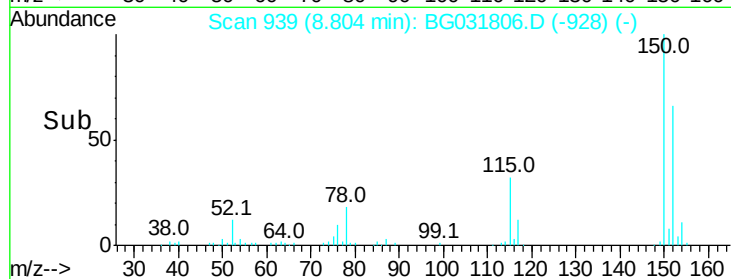
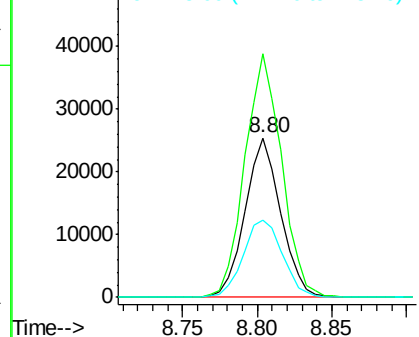
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.04 min
Lab File: BG031806.D
Acq: 27 Dec 2017 21:07

Instrument :
BNA_G
ClientSampleId :
122117-SIDI-F-U-B

Tot Ion:152 Resp: 41921
Ion Ratio Lower Upper
152 100
150 152.7 126.6 189.8
115 48.4 53.0 79.4#



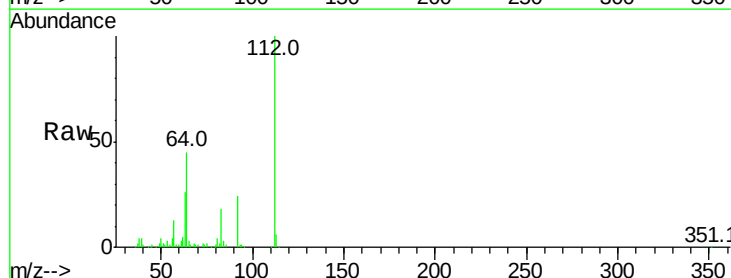
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



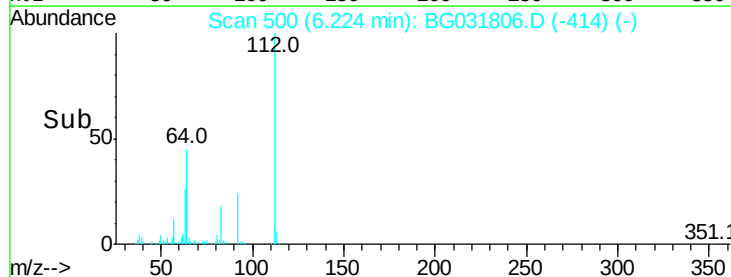
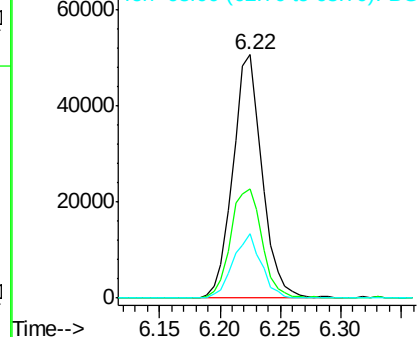
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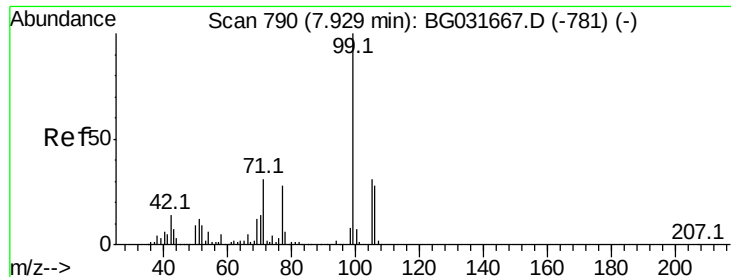
2-Fluorophenol
Concen: 37.093 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031806.D
Acq: 27 Dec 2017 21:07

Tgt Ion:112 Resp: 85374
Ion Ratio Lower Upper
112 100
64 44.9 56.3 84.5#
63 26.5 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: 22.371 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031806.D

Acq: 27 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-U-B

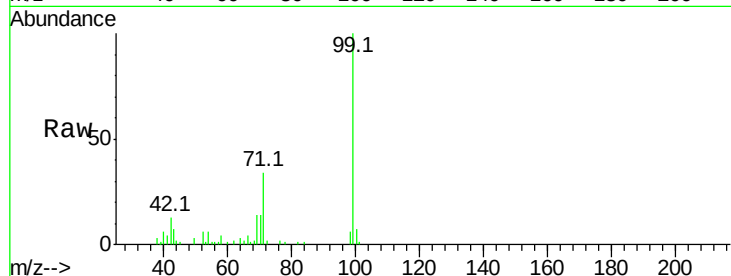
Tot Ion: 99 Resp: 66849

Ion Ratio Lower Upper

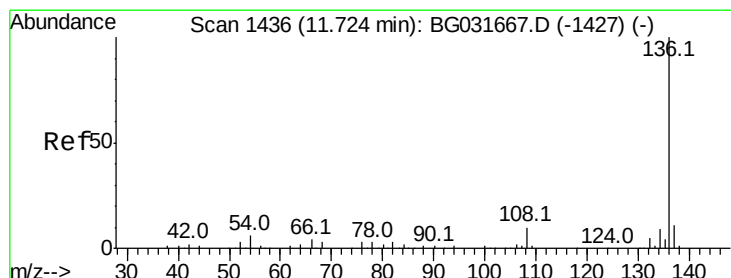
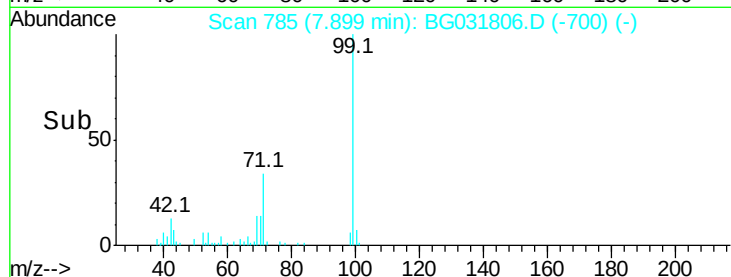
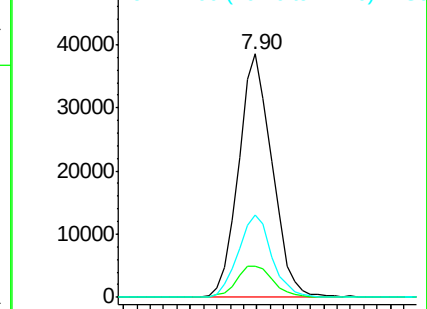
99 100

42 12.7 14.1 21.1#

71 34.1 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: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031806.D

Acq: 27 Dec 2017 21:07

Tgt Ion: 136 Resp: 172659

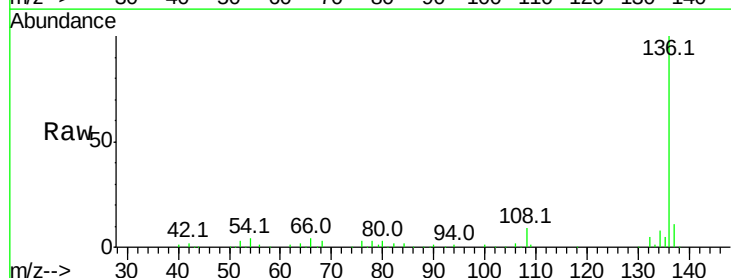
Ion Ratio Lower Upper

136 100

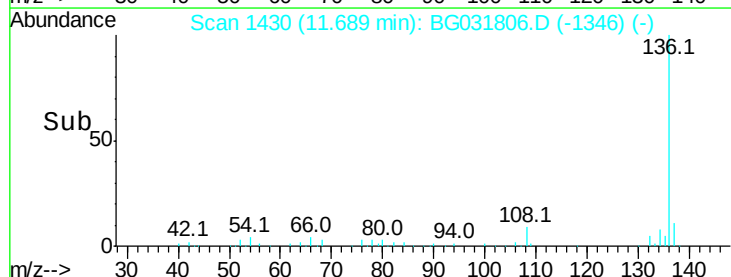
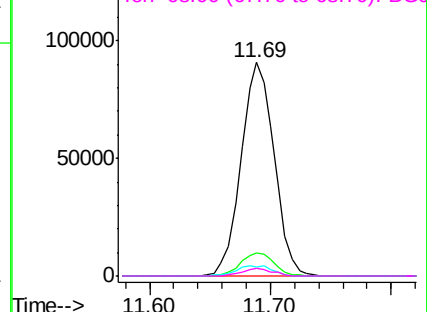
137 11.1 9.2 13.8

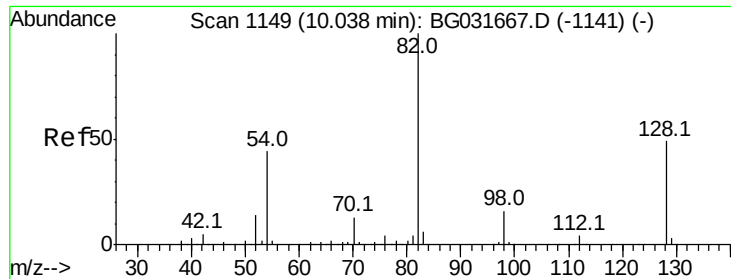
54 4.3 10.3 15.5#

68 3.4 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

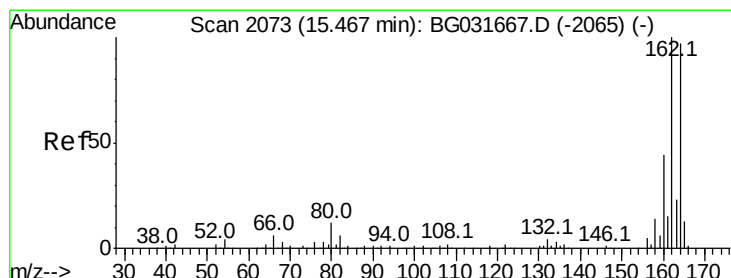
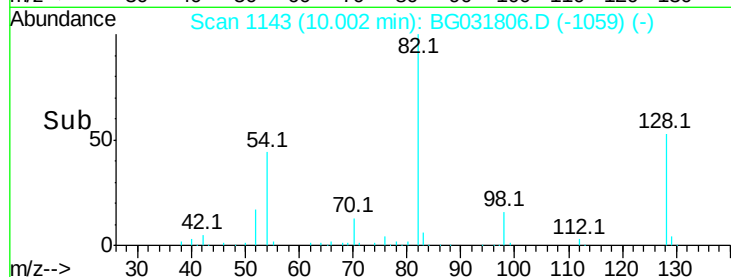
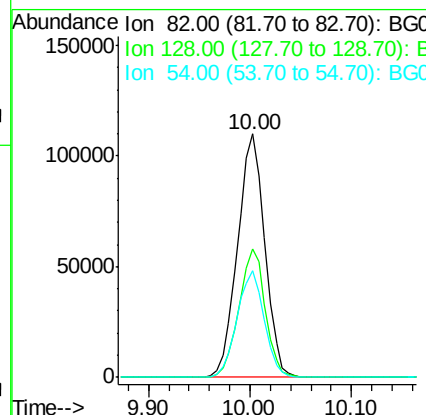
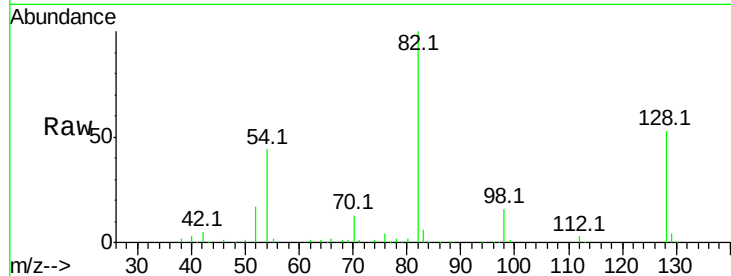




#23
 Nitrobenzene-d5
 Concen: 89.533 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031806.D
 Acq: 27 Dec 2017 21:07

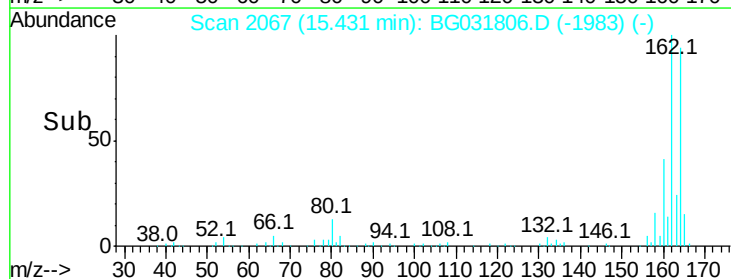
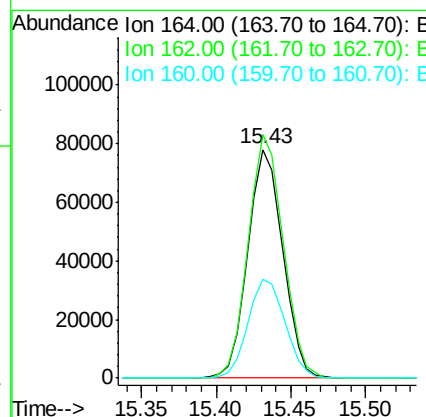
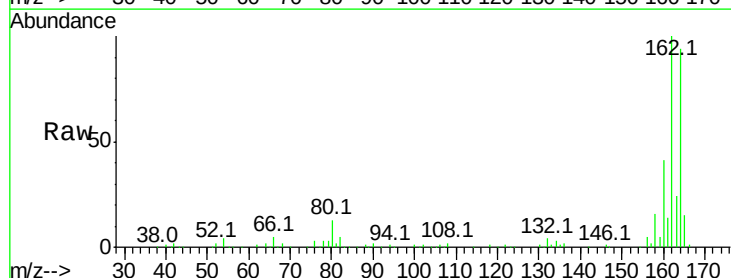
Instrument :
 BNA_G
 ClientSampleId :
 122117-SIDI-F-U-B

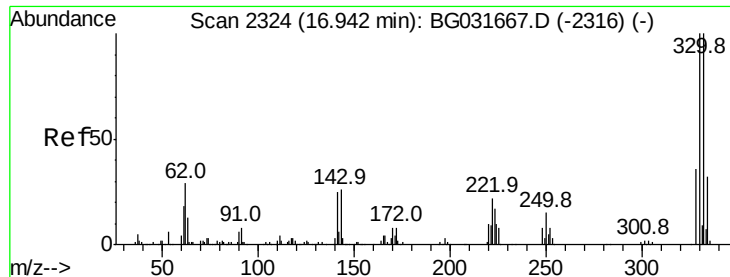
Tot Ion: 82 Resp: 204717
 Ion Ratio Lower Upper
 82 100
 128 52.7 29.7 44.5#
 54 43.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.04 min
 Lab File: BG031806.D
 Acq: 27 Dec 2017 21:07

Tgt Ion: 164 Resp: 126392
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.8 118.2
 160 43.2 35.4 53.0

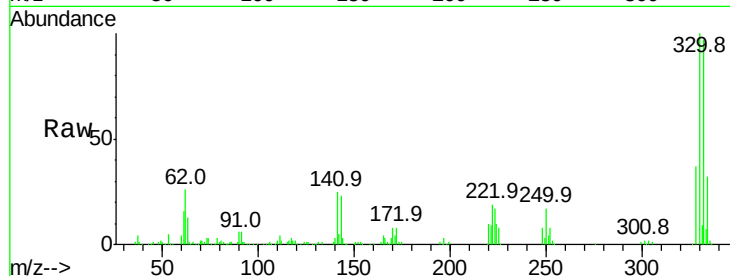




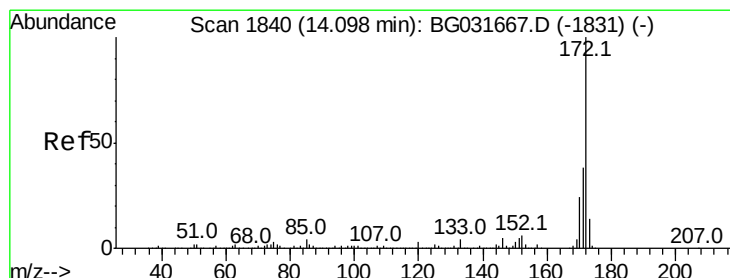
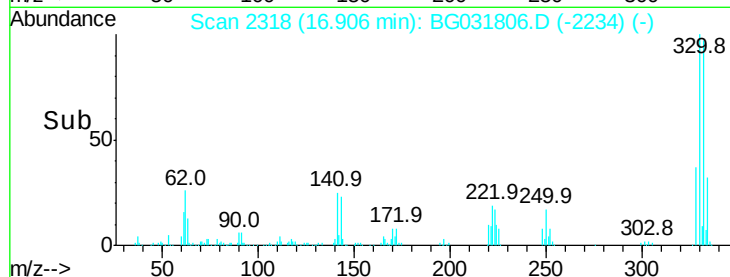
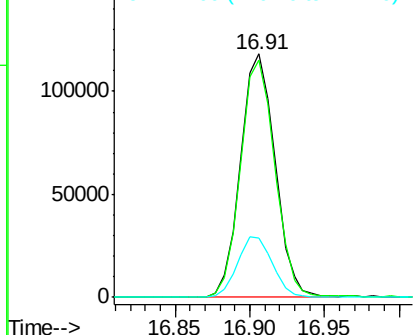
#41
 2,4,6-Tribromophenol
 Concen: 98.553 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031806.D
 Acq: 27 Dec 2017 21:07

Instrument :
 BNA_G
 ClientSampleId :
 122117-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	25.4	25.2	37.8

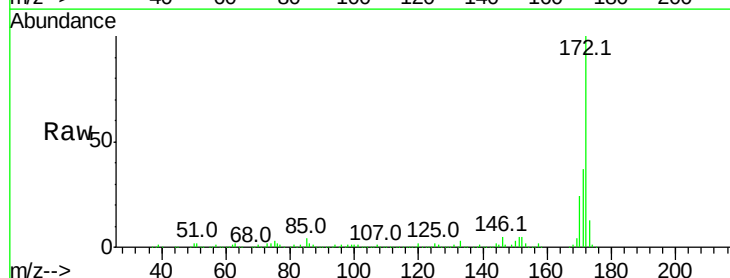


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

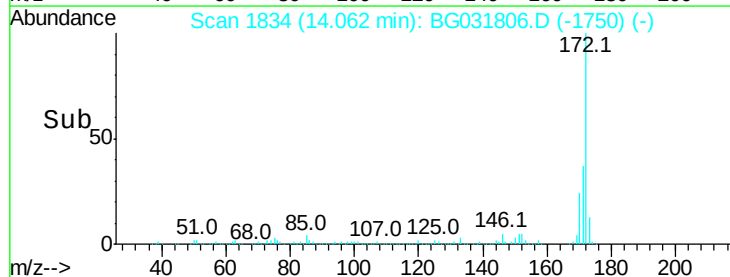
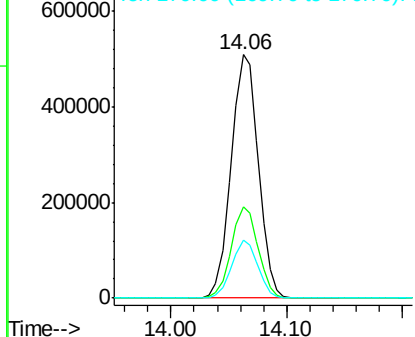


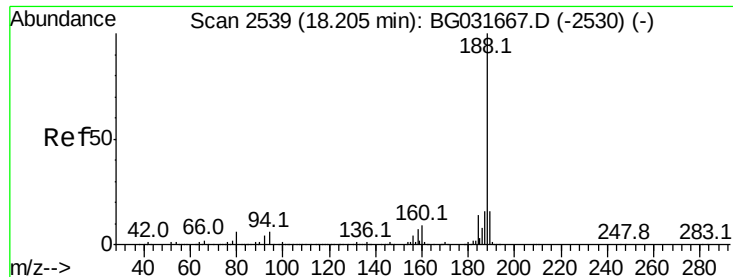
#44
 2-Fluorobiphenyl
 Concen: 82.486 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031806.D
 Acq: 27 Dec 2017 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.7	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: 18.16 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BG031806.D

Acq: 27 Dec 2017 21:07

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-U-B

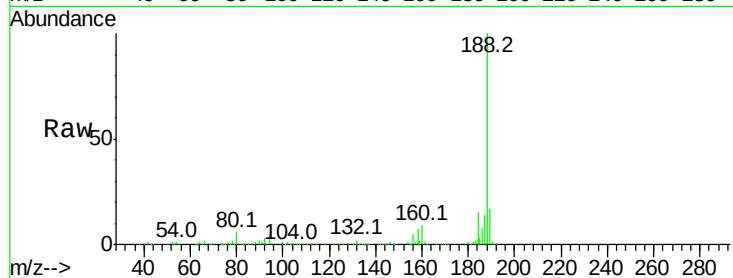
Tot Ion:188 Resp: 342216

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

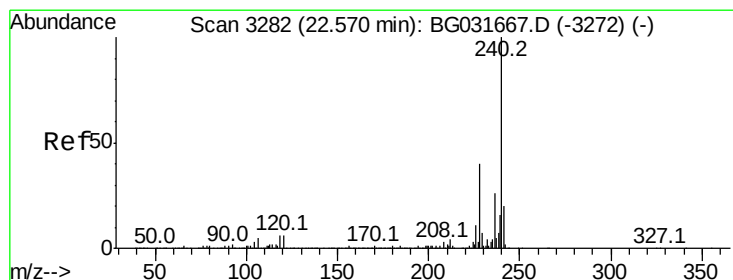
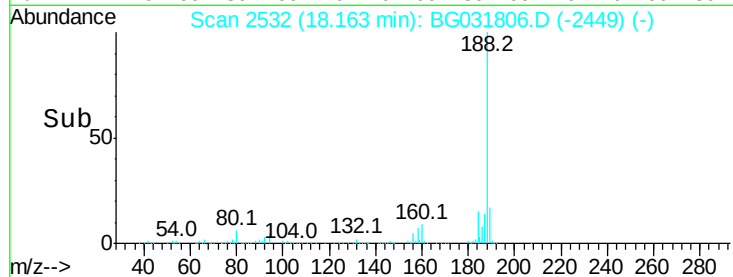
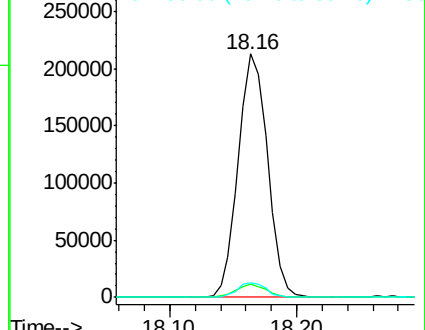
80 6.1 7.7 11.5#



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: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031806.D

Acq: 27 Dec 2017 21:07

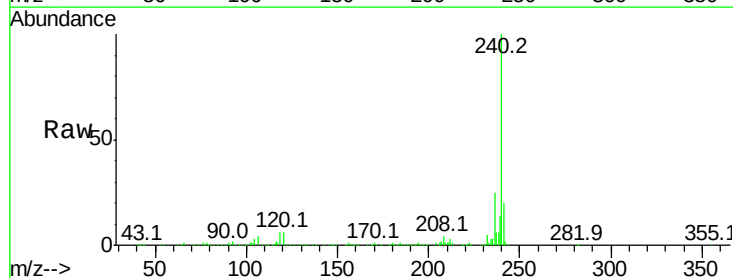
Tgt Ion:240 Resp: 417421

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

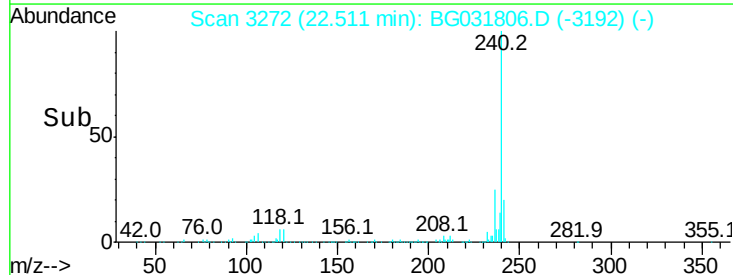
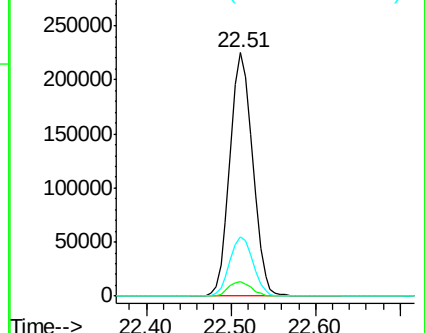
236 24.5 20.9 31.3

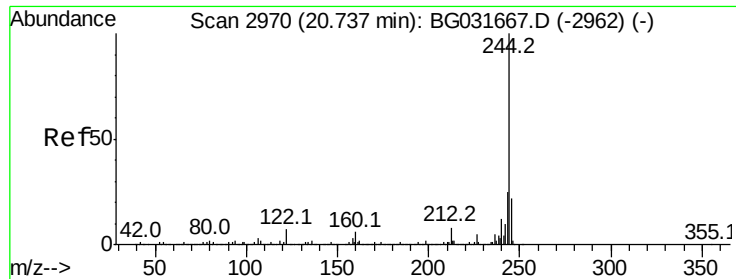


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.470 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031806.D

Acq: 27 Dec 2017 21:07

Instrument :

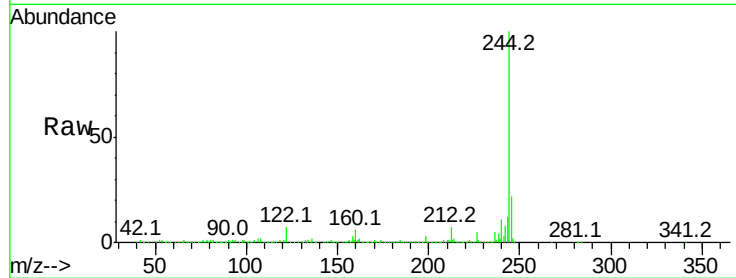
BNA_G

ClientSampleId :

122117-SIDI-F-U-B

Tot Ion:244 Resp: 1543326

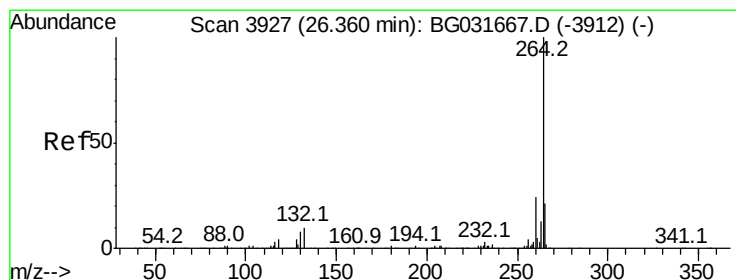
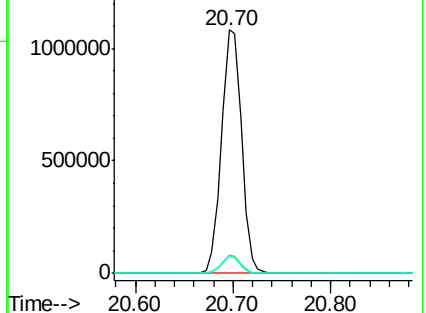
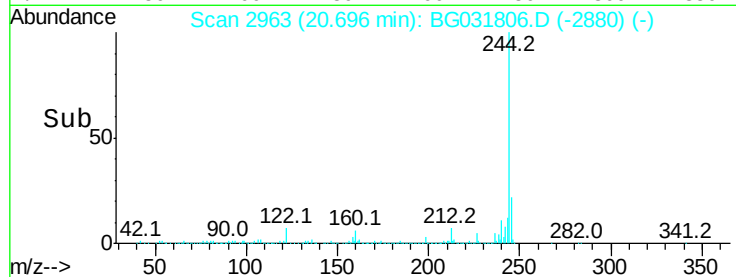
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.1	7.0	10.4



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: 26.27 min Scan# 3911

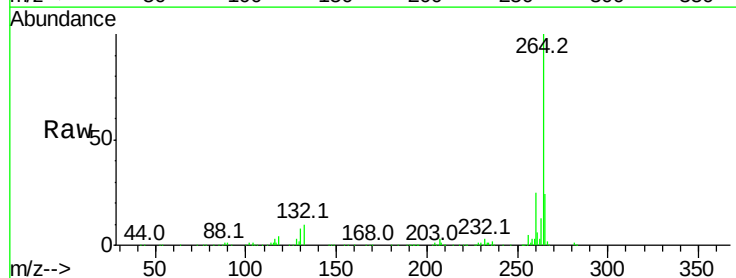
Delta R.T. -0.09 min

Lab File: BG031806.D

Acq: 27 Dec 2017 21:07

Tgt Ion:264 Resp: 436693

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	23.5	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

