

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031804.D
 Acq On : 27 Dec 2017 19:52
 Operator : SJ/JU
 Sample : I7058-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 28 07:45:55 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	40857	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	176226	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	129616	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	355858	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	416118	20.00	ng	-0.06
86) Perylene-d12	26.26	264	443493	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	87341	38.94	ng	-0.03
7) Phenol-d6	7.90	99	69236	23.77	ng	-0.03
23) Nitrobenzene-d5	10.00	82	210146	90.05	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	192983	97.58	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	834414	80.80	ng	-0.04
78) Terphenyl-d14	20.70	244	1503829	82.57	ng	-0.04

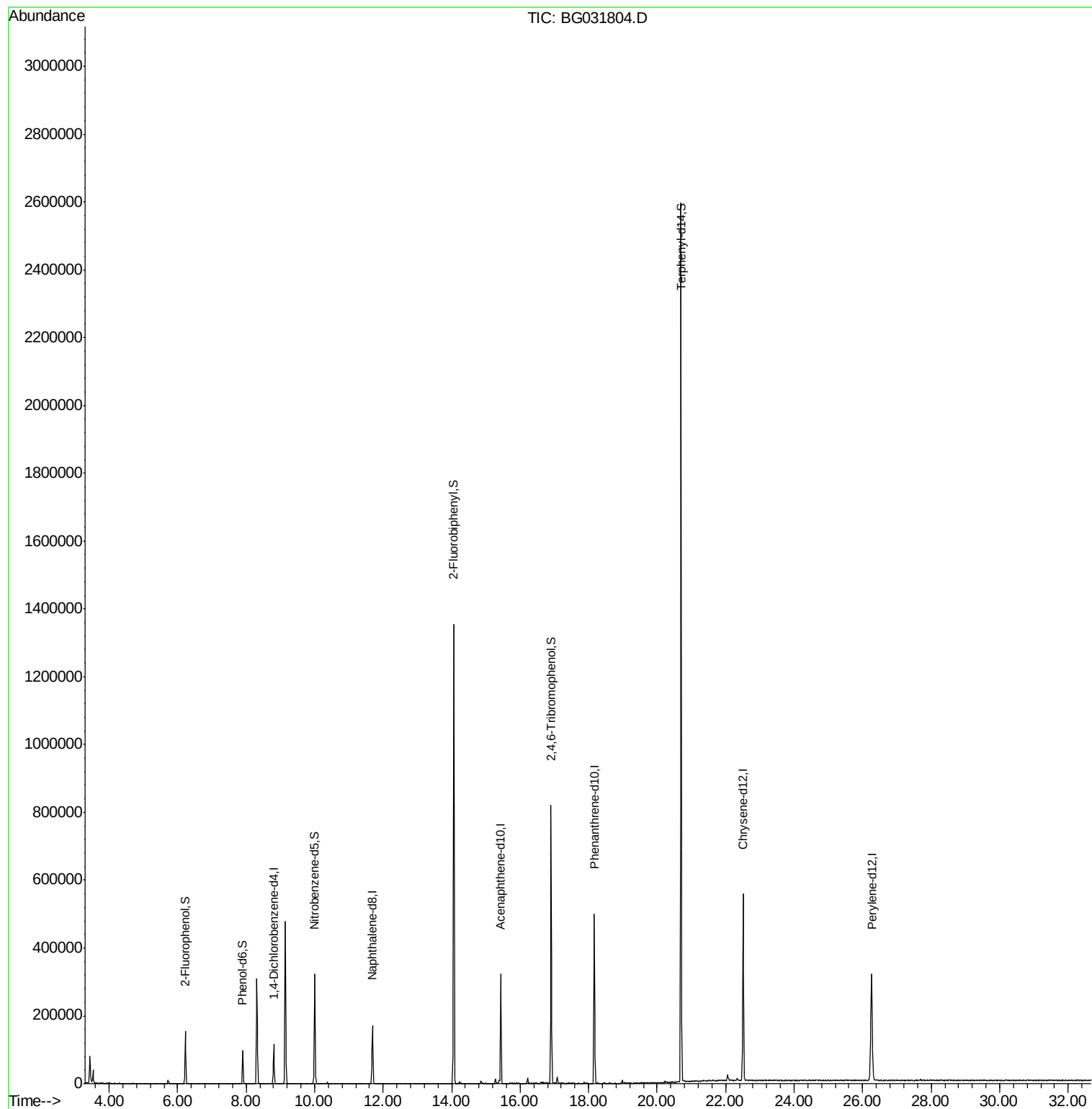
Target Compounds Qvalue

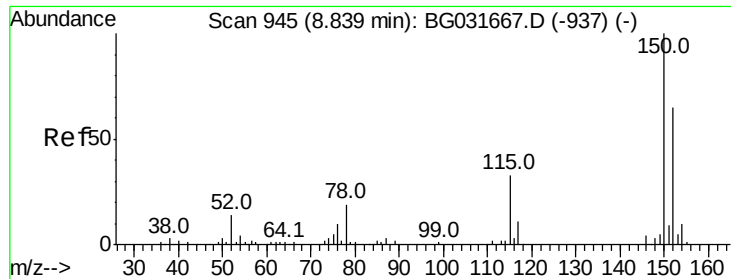
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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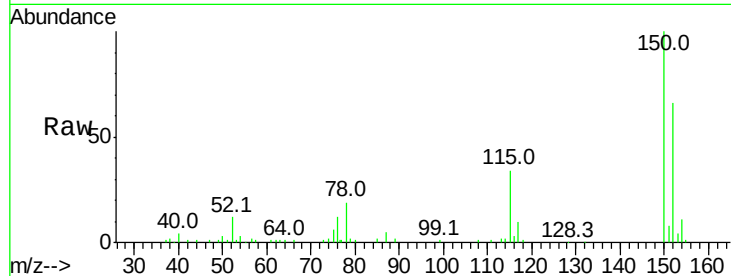


#1

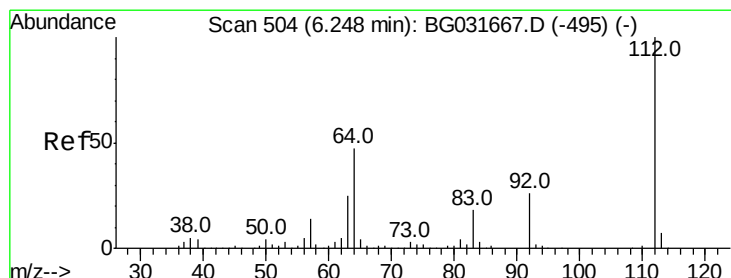
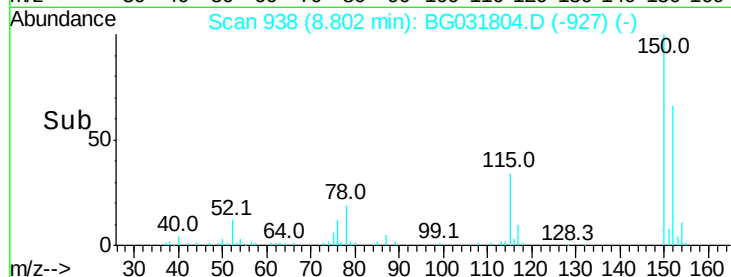
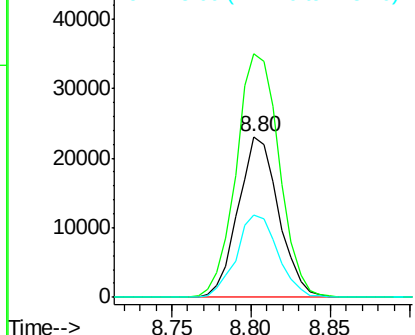
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

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

Tot Ion:152 Resp: 40857
 Ion Ratio Lower Upper
 152 100
 150 151.2 126.6 189.8
 115 50.8 53.0 79.4#



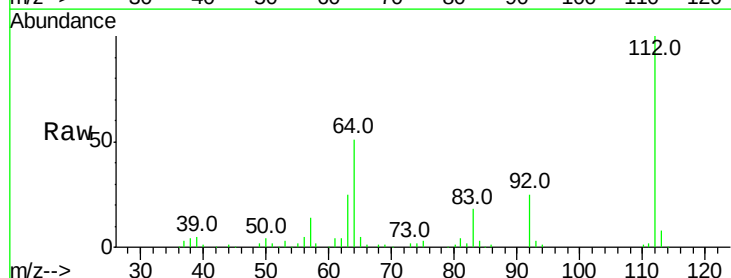
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



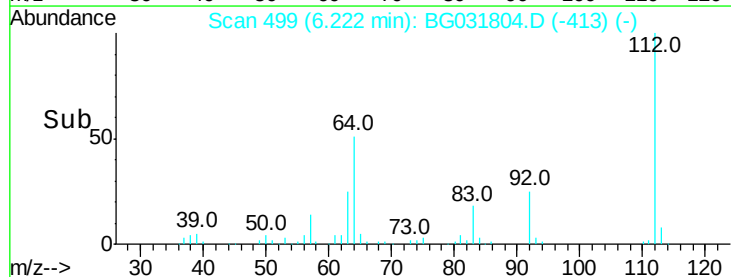
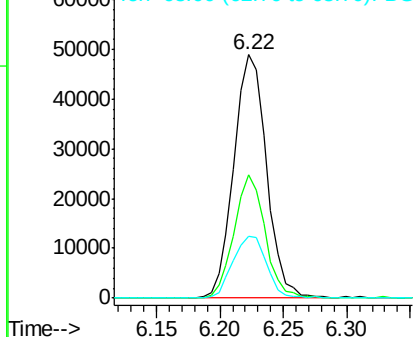
#5

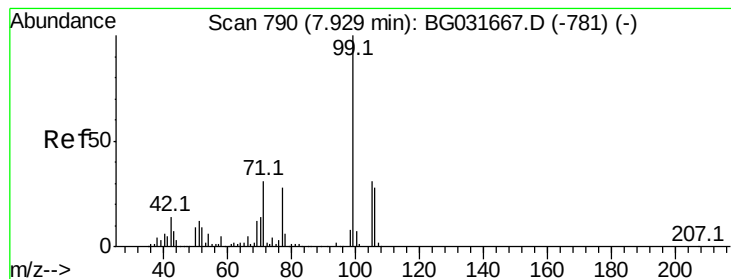
2-Fluorophenol
 Concen: 38.936 ng
 RT: 6.22 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Tgt Ion:112 Resp: 87341
 Ion Ratio Lower Upper
 112 100
 64 50.5 56.3 84.5#
 63 25.5 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: 23.773 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.03 min

Lab File: BG031804.D

Acq: 27 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-D-B

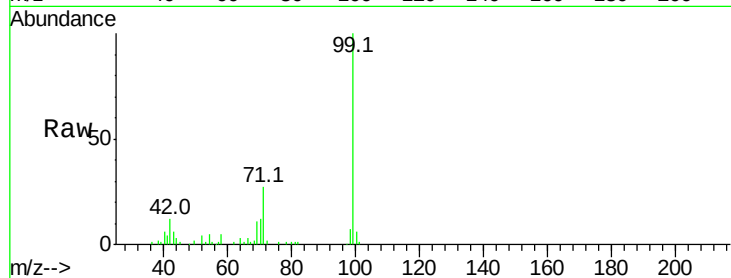
Tot Ion: 99 Resp: 69236

Ion Ratio Lower Upper

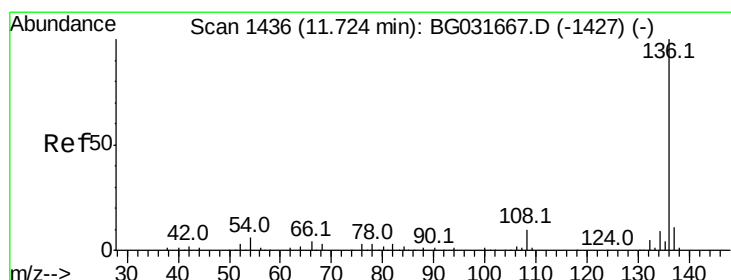
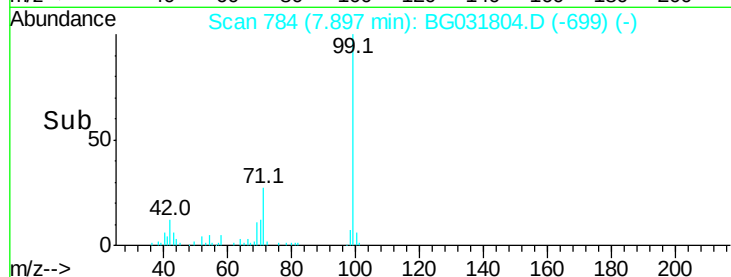
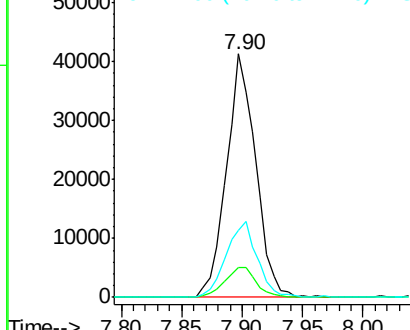
99 100

42 12.2 14.1 21.1#

71 27.3 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# 1429

Delta R.T. -0.04 min

Lab File: BG031804.D

Acq: 27 Dec 2017 19:52

Tgt Ion: 136 Resp: 176226

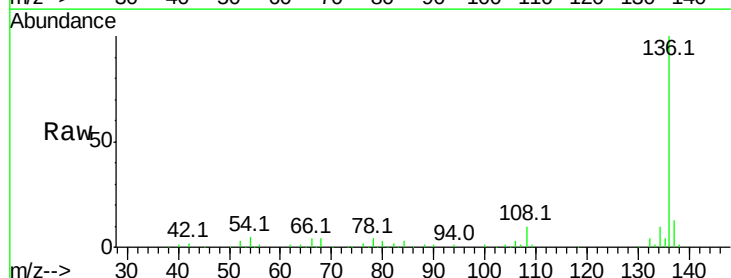
Ion Ratio Lower Upper

136 100

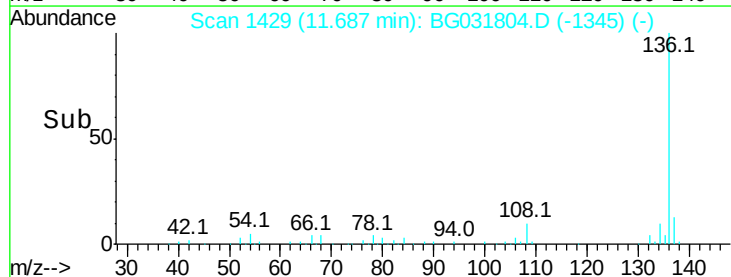
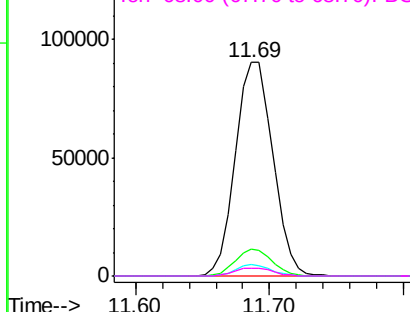
137 12.8 9.2 13.8

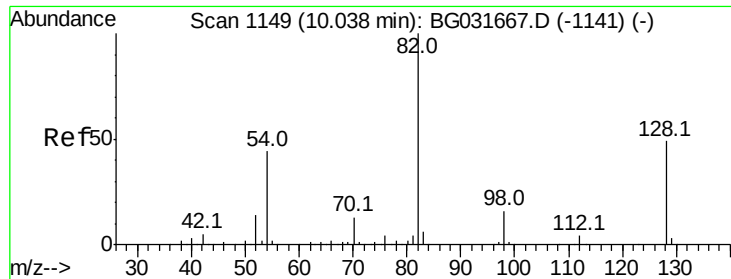
54 5.2 10.3 15.5#

68 3.8 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

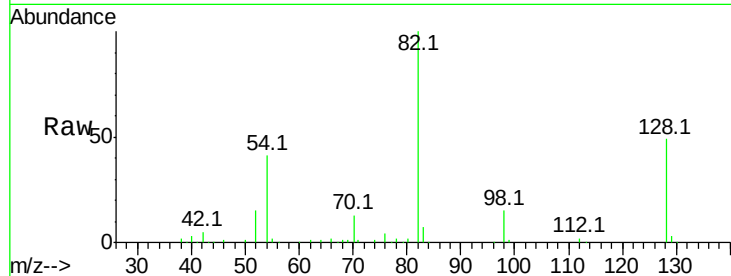




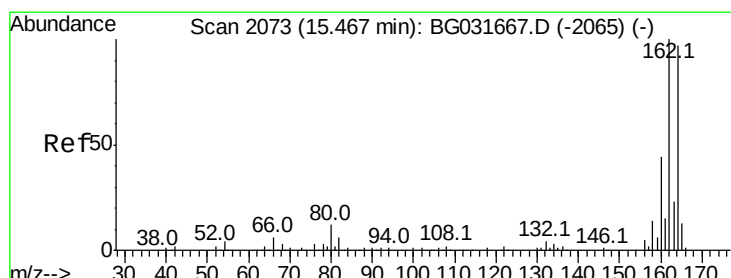
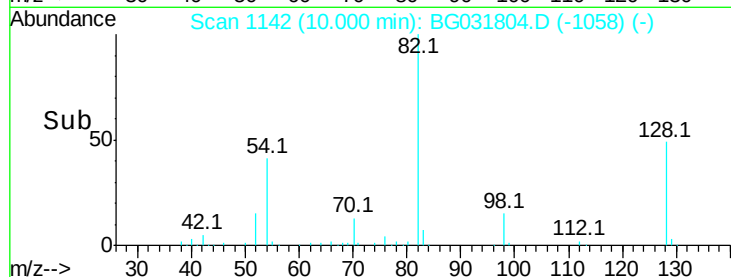
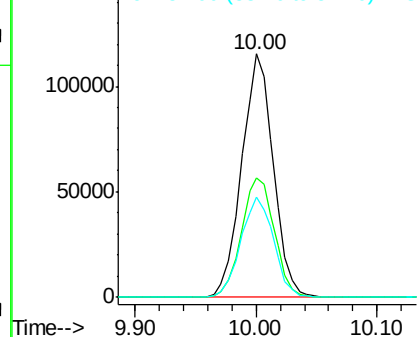
#23
Nitrobenzene-d5
Concen: 90.047 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

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

Tot Ion: 82 Resp: 210146
Ion Ratio Lower Upper
82 100
128 49.2 29.7 44.5#
54 41.2 43.1 64.7#

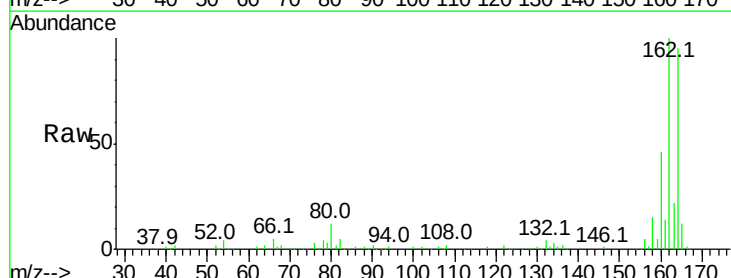


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

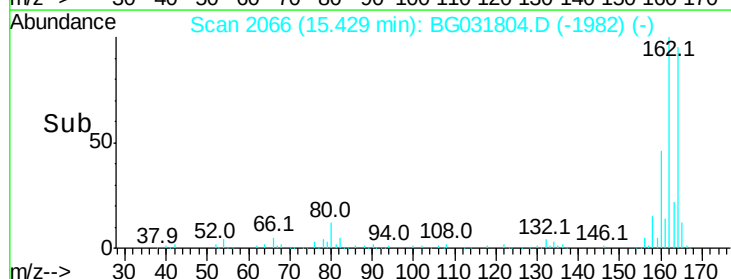
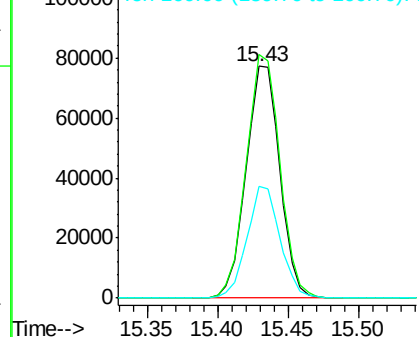


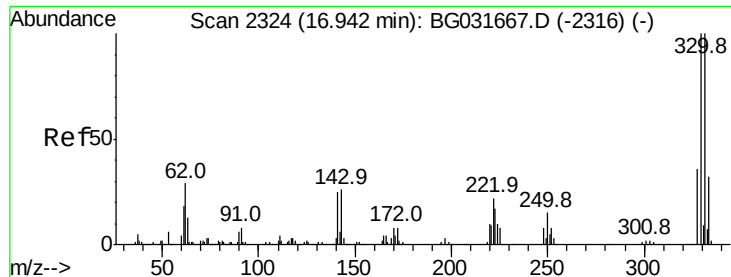
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.04 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Tgt Ion:164 Resp: 129616
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 48.2 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

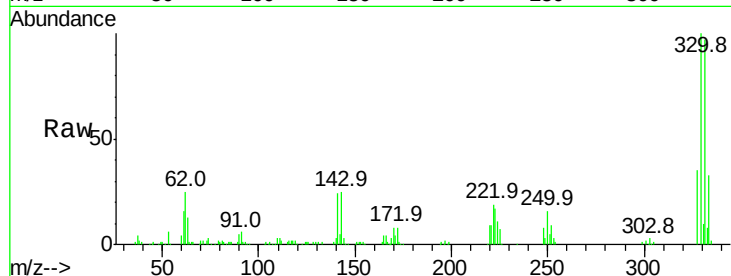




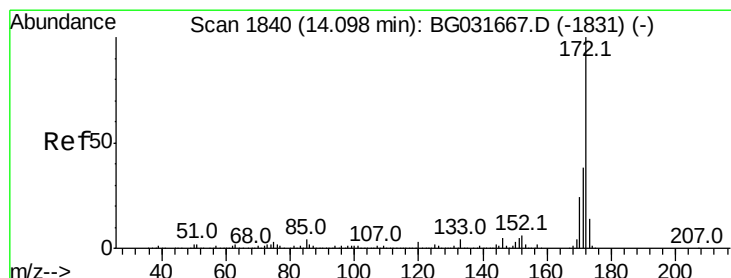
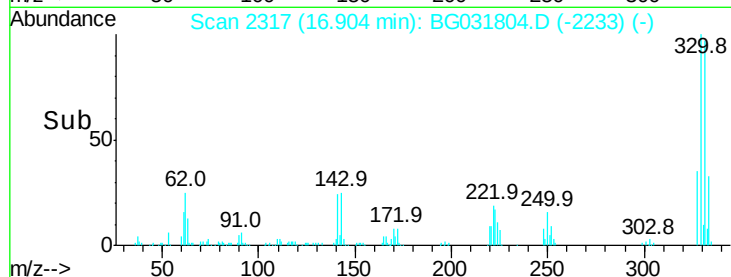
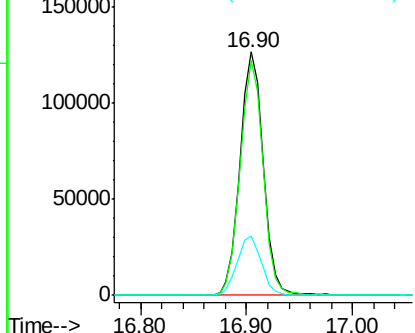
#41
 2,4,6-Tribromophenol
 Concen: 97.577 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	25.0	25.2	37.8#

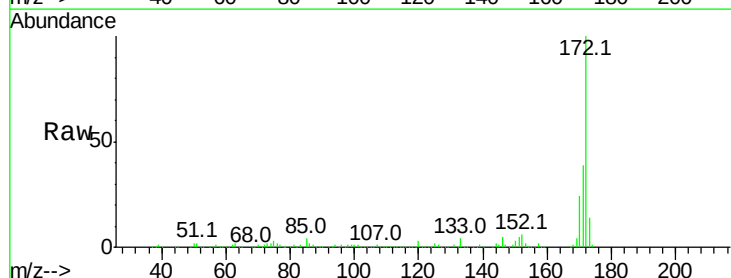


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

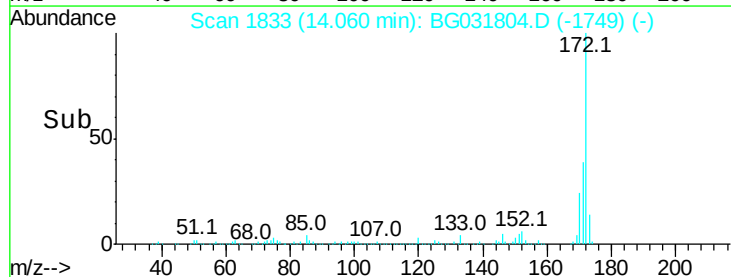
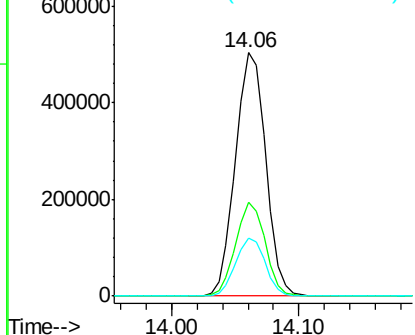


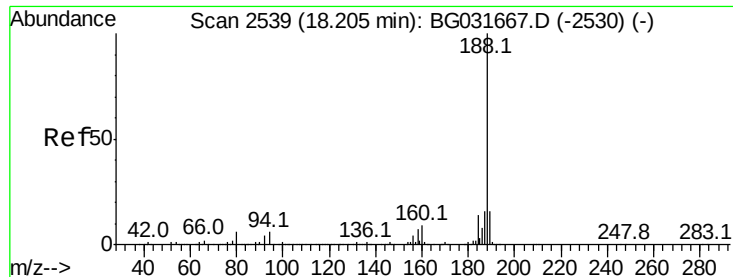
#44
 2-Fluorobiphenyl
 Concen: 80.800 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	23.6	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

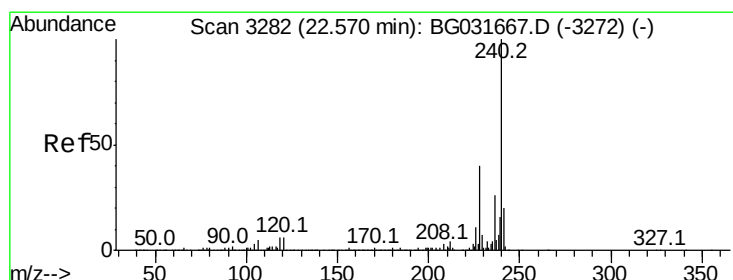
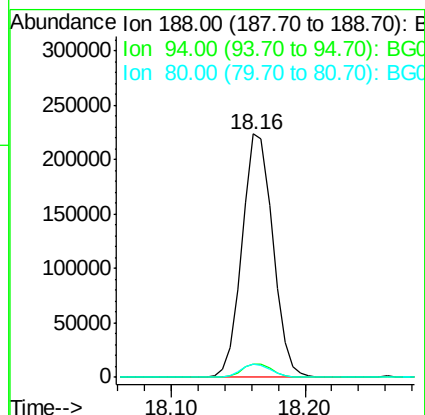
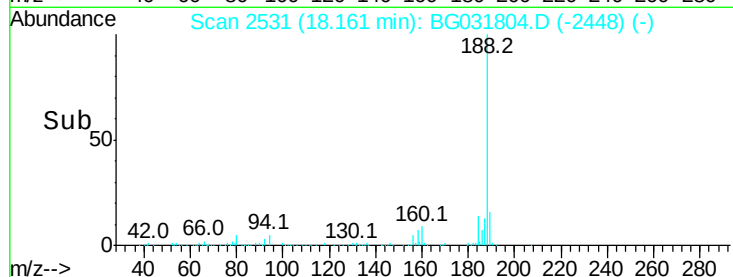
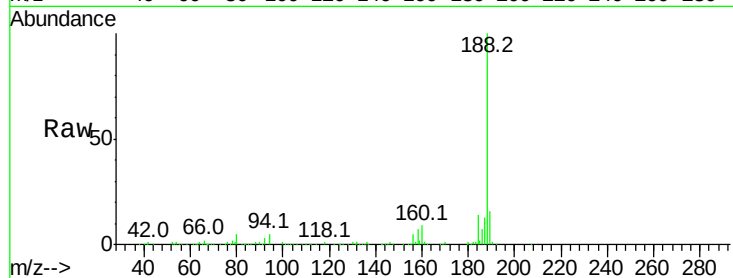




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

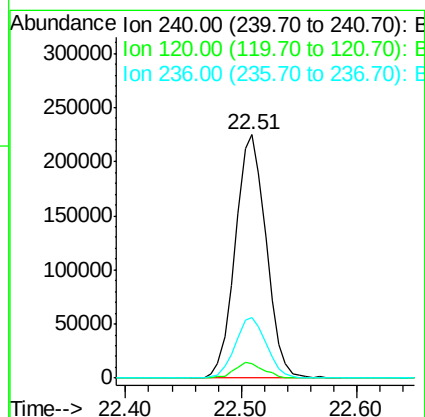
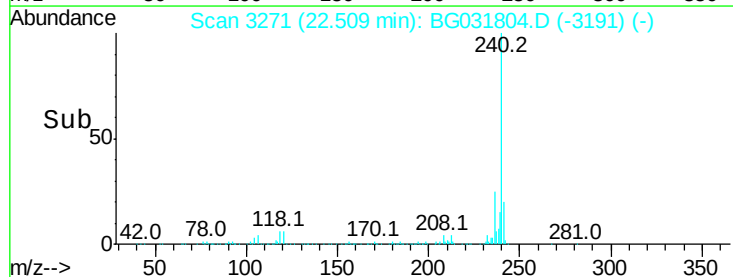
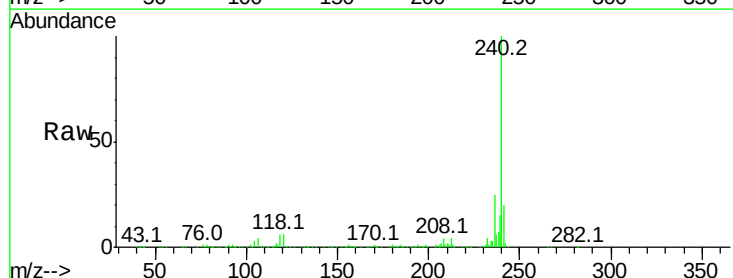
Instrument :
BNA_G
ClientSampleId :
122117-SIDI-F-D-B

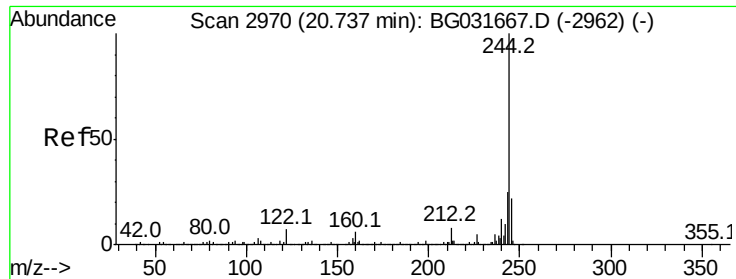
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	24.7	20.9	31.3





#78

Terphenyl-d14

Concen: 82.566 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031804.D

Acq: 27 Dec 2017 19:52

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-D-B

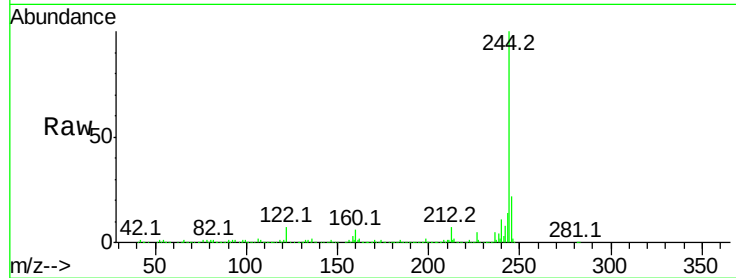
Tot Ion:244 Resp: 1503829

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

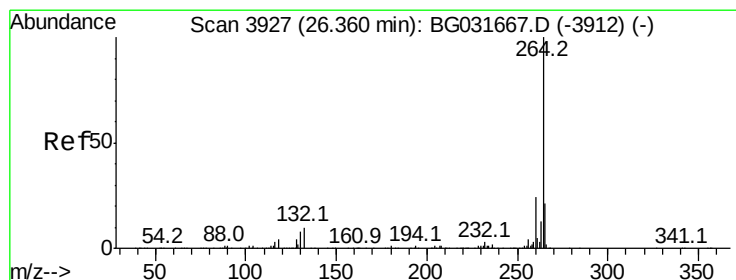
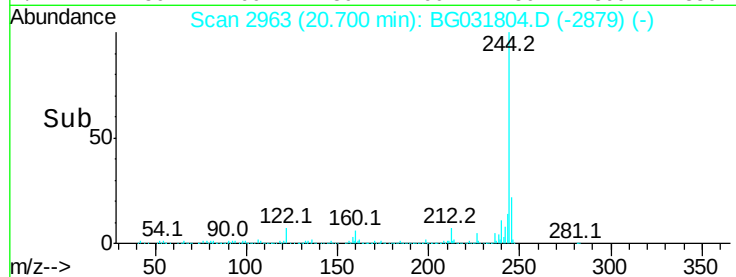
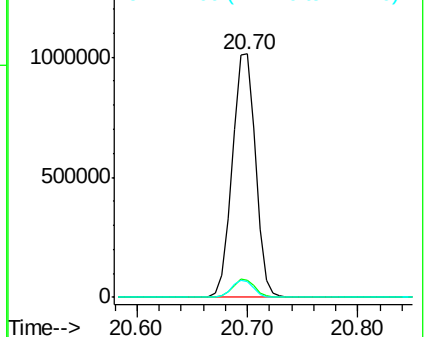
122 6.6 7.0 10.4#



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: 26.26 min Scan# 3909

Delta R.T. -0.10 min

Lab File: BG031804.D

Acq: 27 Dec 2017 19:52

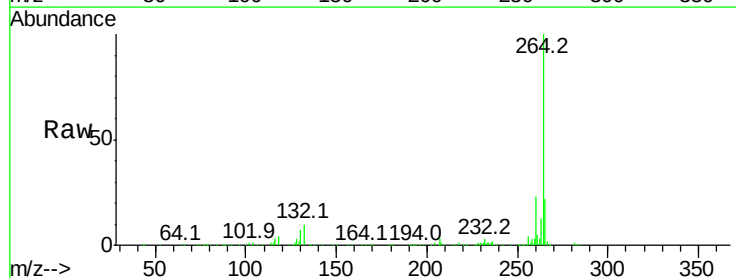
Tgt Ion:264 Resp: 443493

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.0 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

