

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031805.D
 Acq On : 27 Dec 2017 20:29
 Operator : SJ/JU
 Sample : I7058-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 28 07:47:14 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	43128	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	177558	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	132393	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	358869	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	435970	20.00	ng	-0.06
86) Perylene-d12	26.26	264	463043	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	82067	34.66	ng	-0.02
7) Phenol-d6	7.90	99	63074	20.52	ng	-0.03
23) Nitrobenzene-d5	10.00	82	220872	93.93	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	189126	93.62	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	851095	80.69	ng	-0.04
78) Terphenyl-d14	20.70	244	1546874	81.06	ng	-0.04

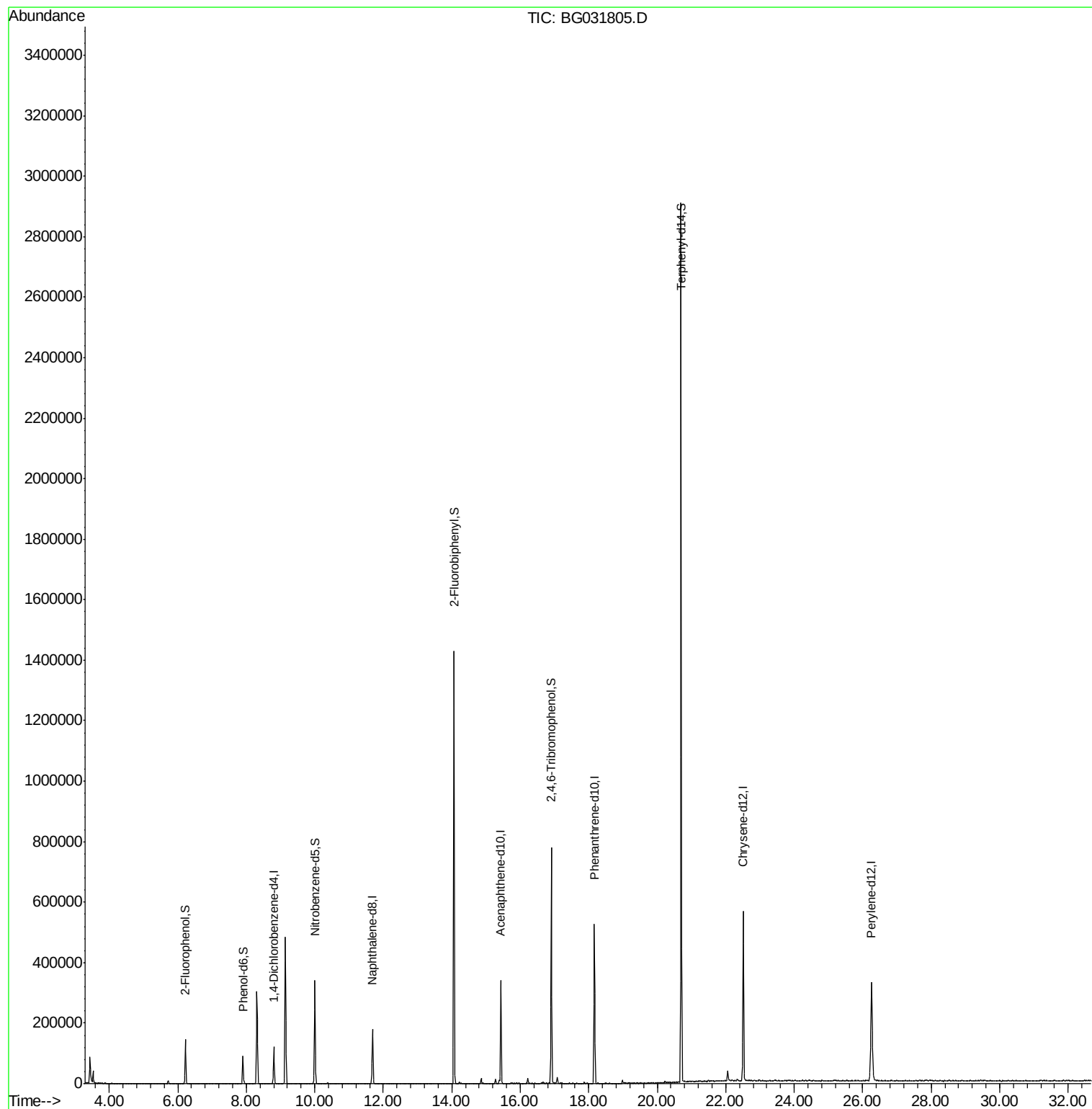
Target Compounds Qvalue

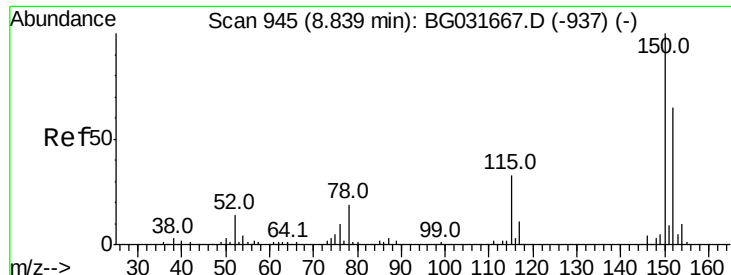
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-D-S

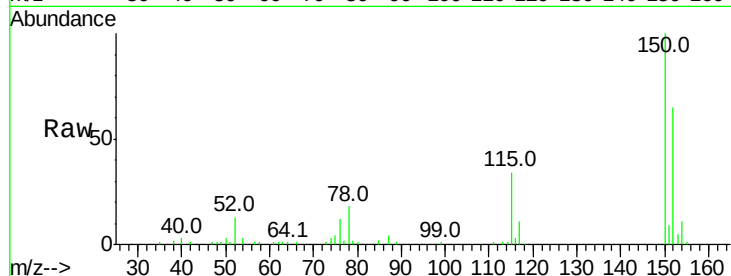
Tot Ion:152 Resp: 43128

Ion Ratio Lower Upper

152 100

150 154.2 126.6 189.8

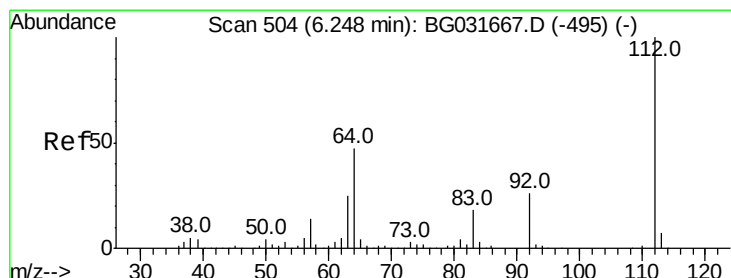
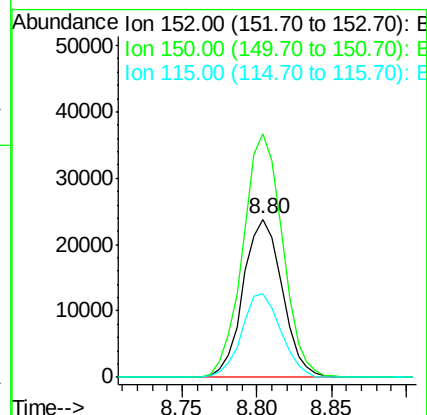
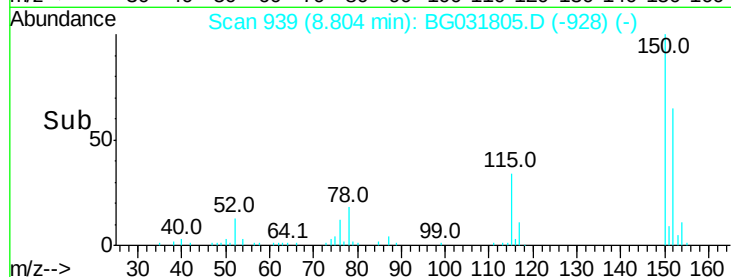
115 52.8 53.0 79.4#



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: 34.659 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

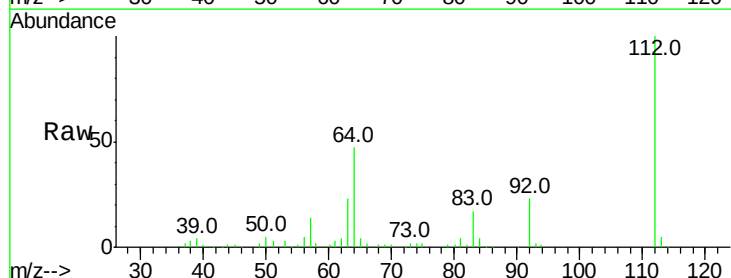
Tgt Ion:112 Resp: 82067

Ion Ratio Lower Upper

112 100

64 47.0 56.3 84.5#

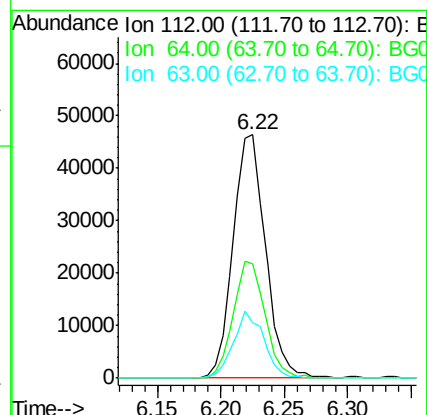
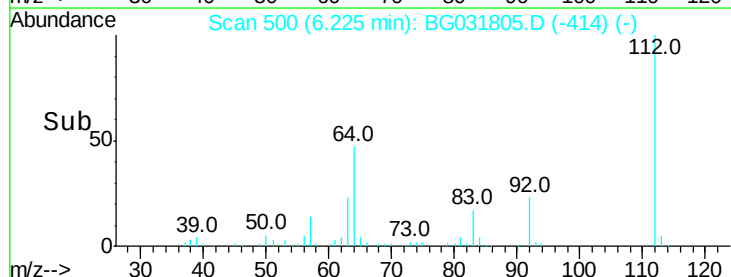
63 22.6 30.1 45.1#

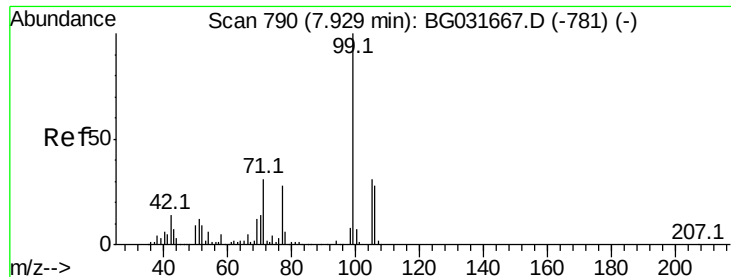


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.517 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-D-S

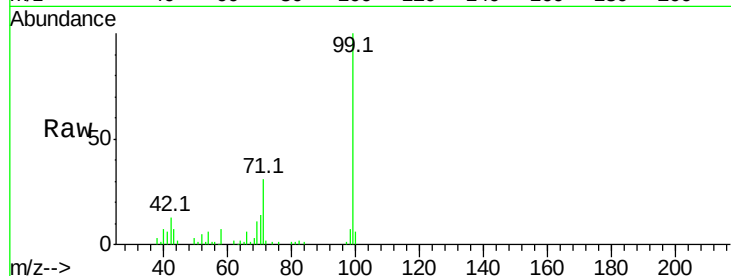
Tot Ion: 99 Resp: 63074

Ion Ratio Lower Upper

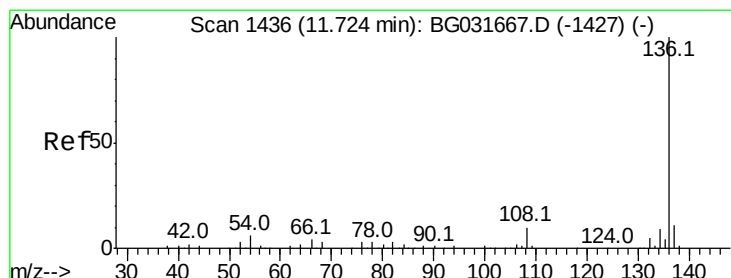
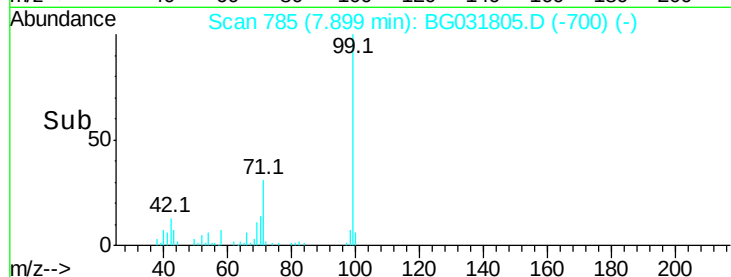
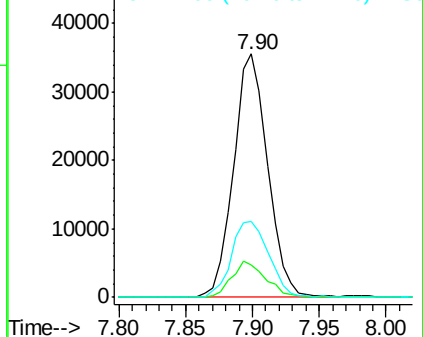
99 100

42 13.2 14.1 21.1#

71 31.4 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: BG031805.D

Acq: 27 Dec 2017 20:29

Tgt Ion: 136 Resp: 177558

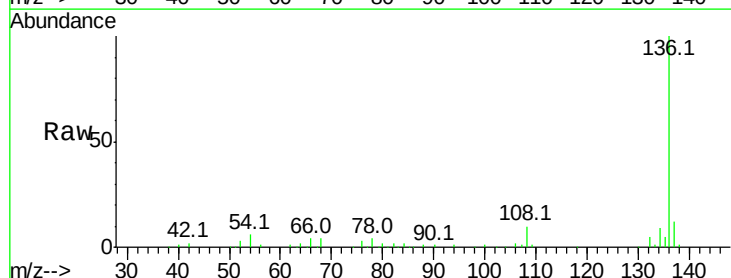
Ion Ratio Lower Upper

136 100

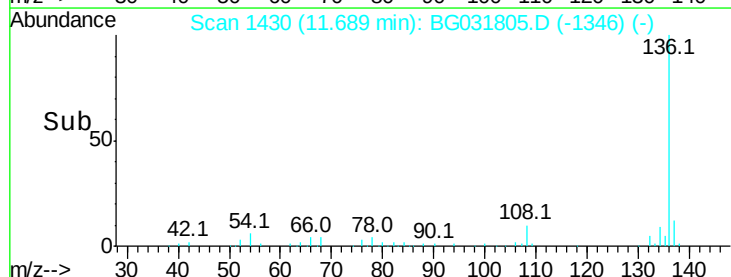
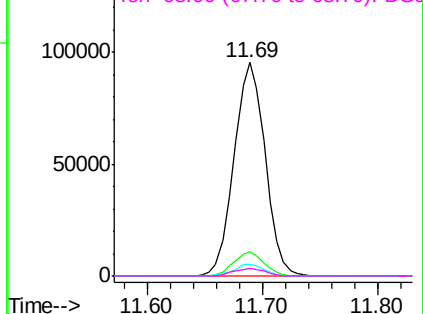
137 11.6 9.2 13.8

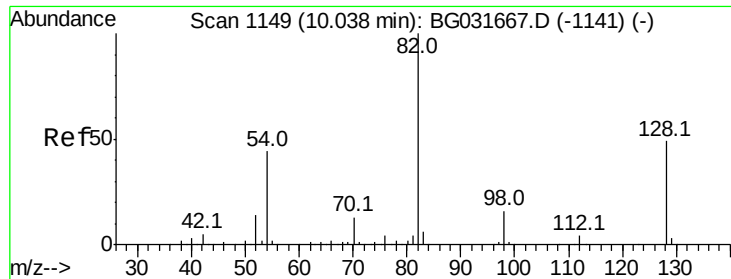
54 5.7 10.3 15.5#

68 3.6 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

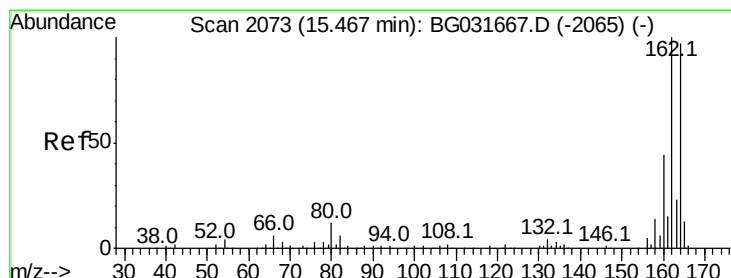
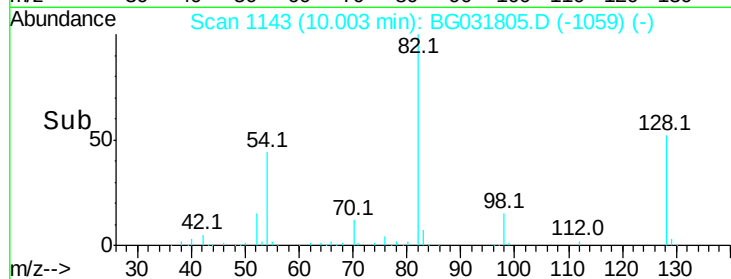
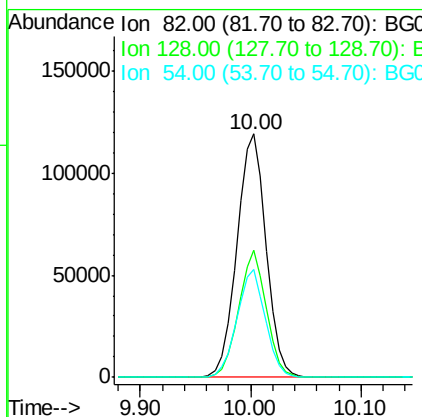
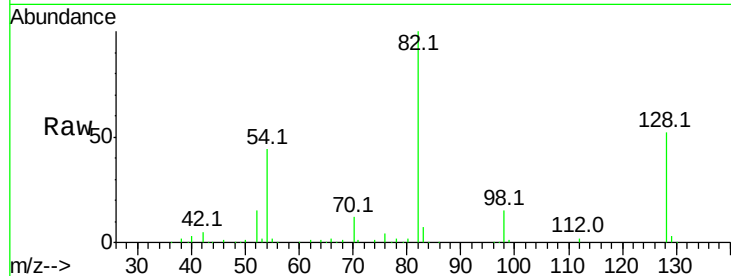




#23
 Nitrobenzene-d5
 Concen: 93.933 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

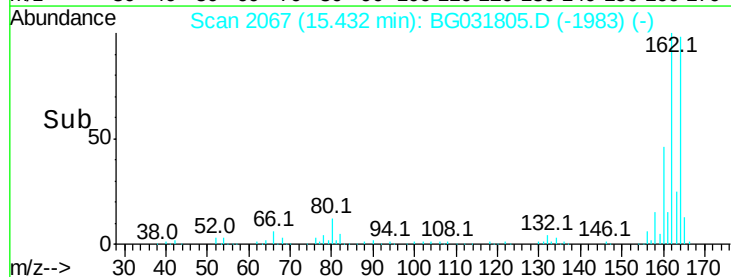
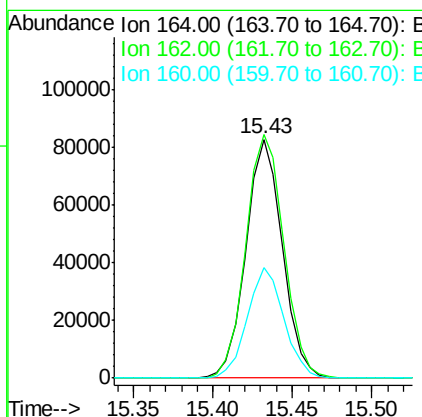
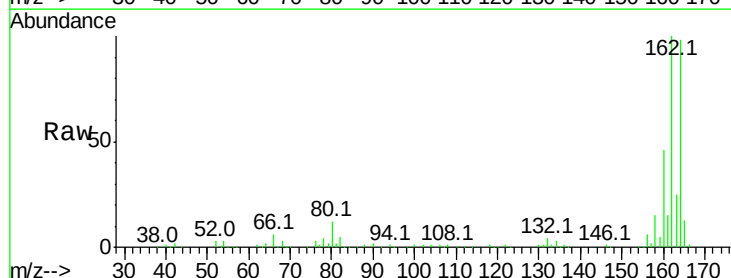
Instrument :
 BNA_G
 ClientSampleId :
 122117-SIDI-F-D-S

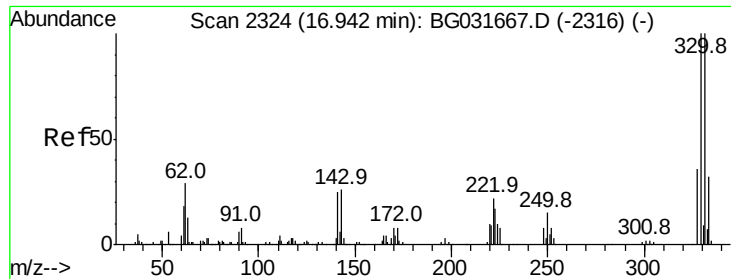
Tot Ion: 82 Resp: 220872
 Ion Ratio Lower Upper
 82 100
 128 52.1 29.7 44.5#
 54 44.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.04 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

Tgt Ion:164 Resp: 132393
 Ion Ratio Lower Upper
 164 100
 162 102.1 78.8 118.2
 160 46.5 35.4 53.0

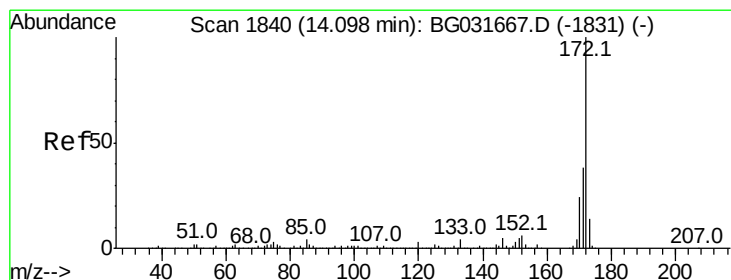
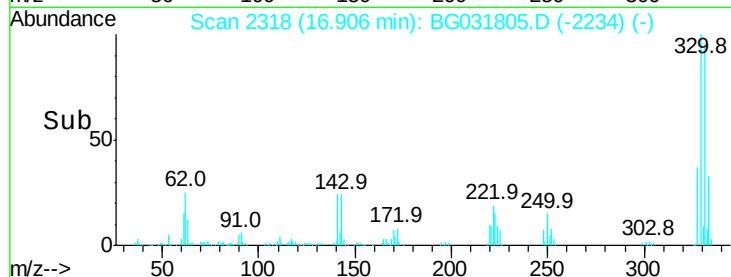
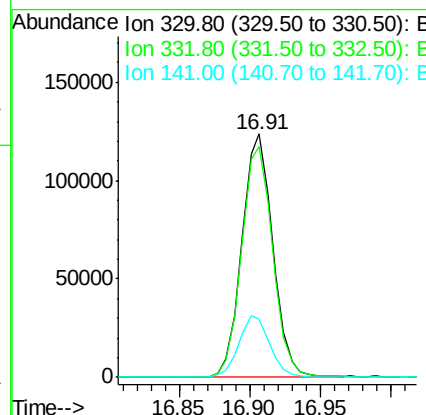
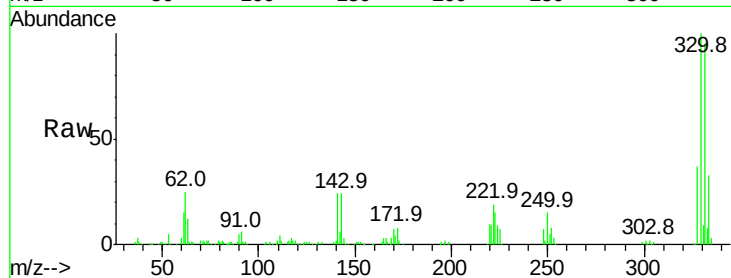




#41
 2,4,6-Tribromophenol
 Concen: 93.621 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

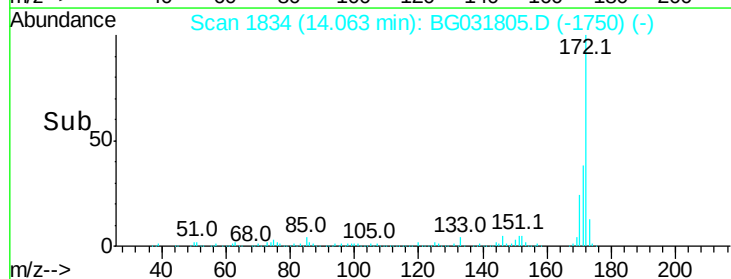
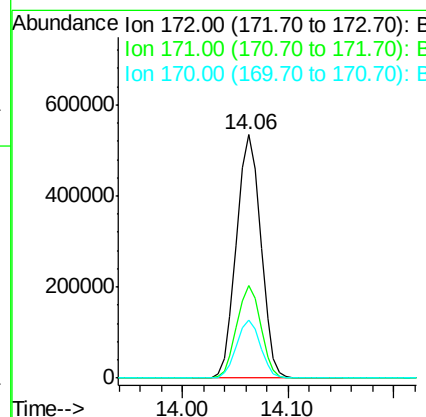
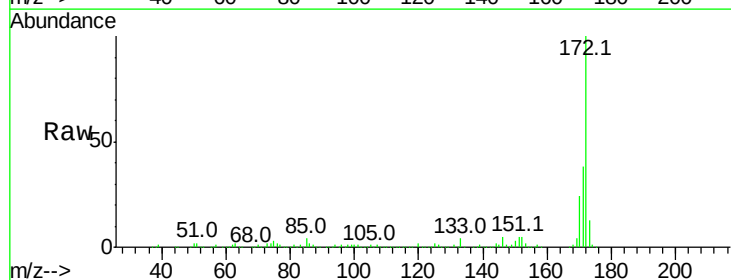
Instrument :
 BNA_G
 ClientSampleId :
 122117-SIDI-F-D-S

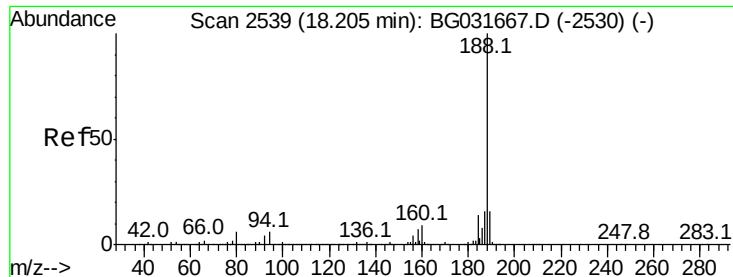
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	25.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 80.687 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.0	19.5	29.3

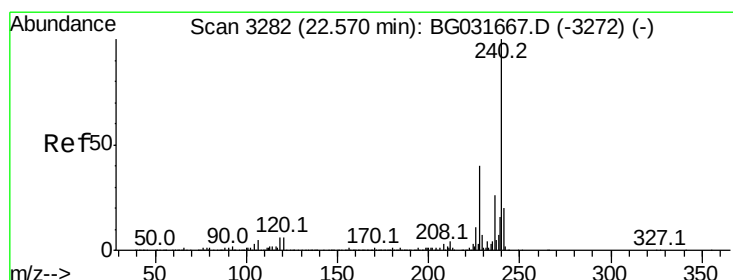
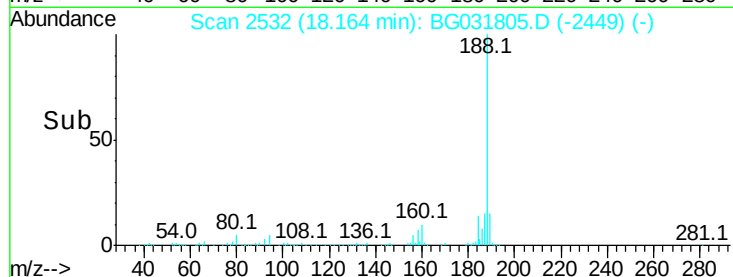
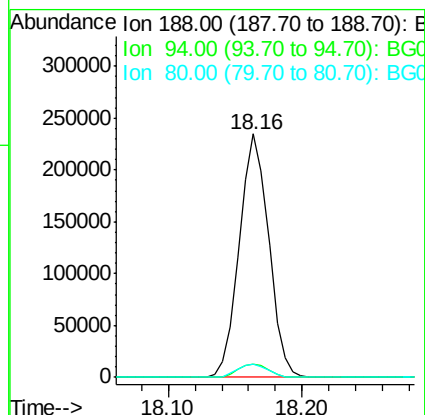
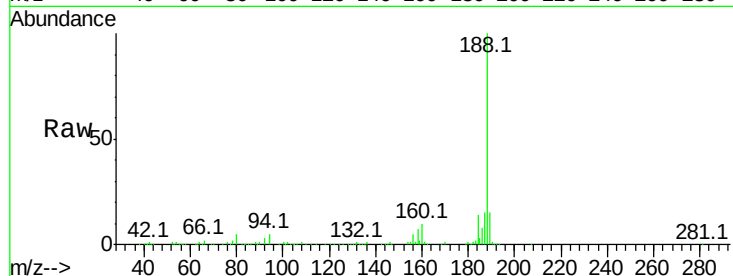




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

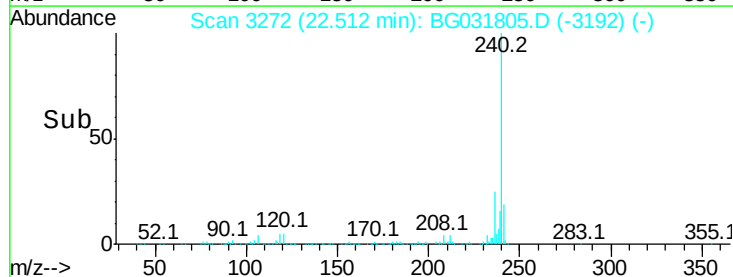
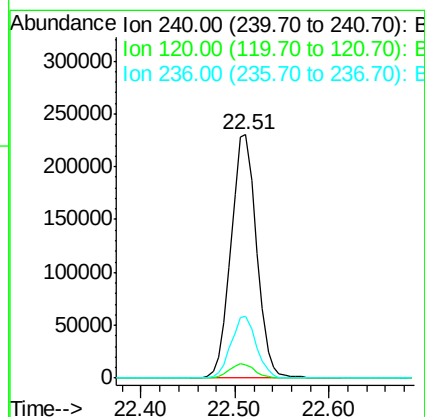
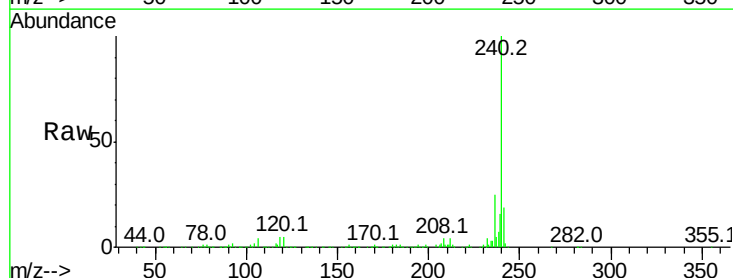
Instrument :
BNA_G
ClientSampleId :
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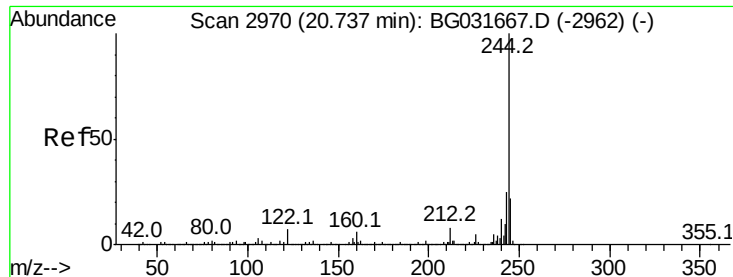
Tot Ion:188 Resp: 358869
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Tgt Ion:240 Resp: 435970
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 81.062 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

122117-SIDI-F-D-S

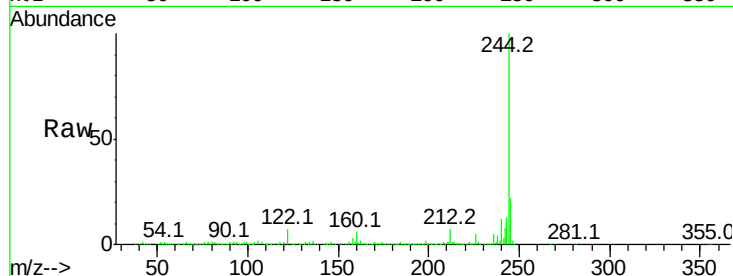
Tot Ion:244 Resp: 1546874

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

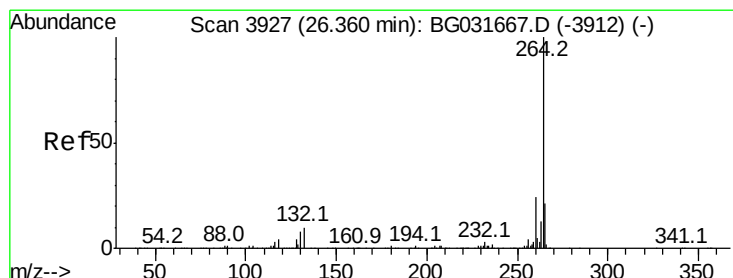
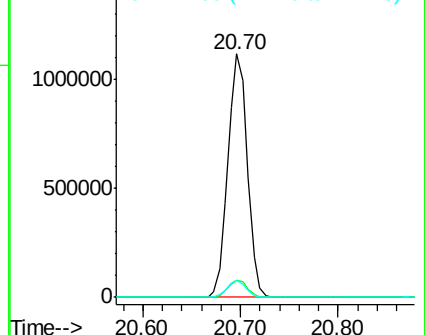
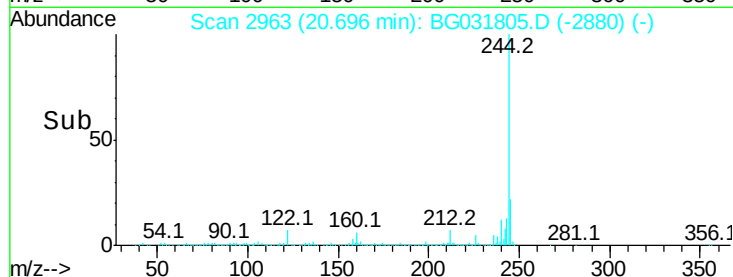
122 6.9 7.0 10.4#



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# 3910

Delta R.T. -0.10 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

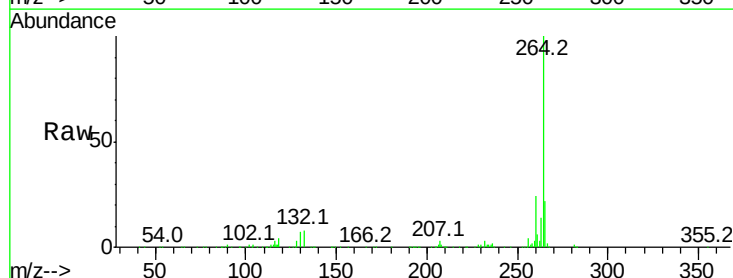
Tgt Ion:264 Resp: 463043

Ion Ratio Lower Upper

264 100

260 24.1 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

