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 Data File : BG031973.D
 Acq On : 10 Jan 2018 8:56
 Operator : SJ/JU
 Sample : J1057-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2A

Quant Time: Jan 10 09:58:51 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

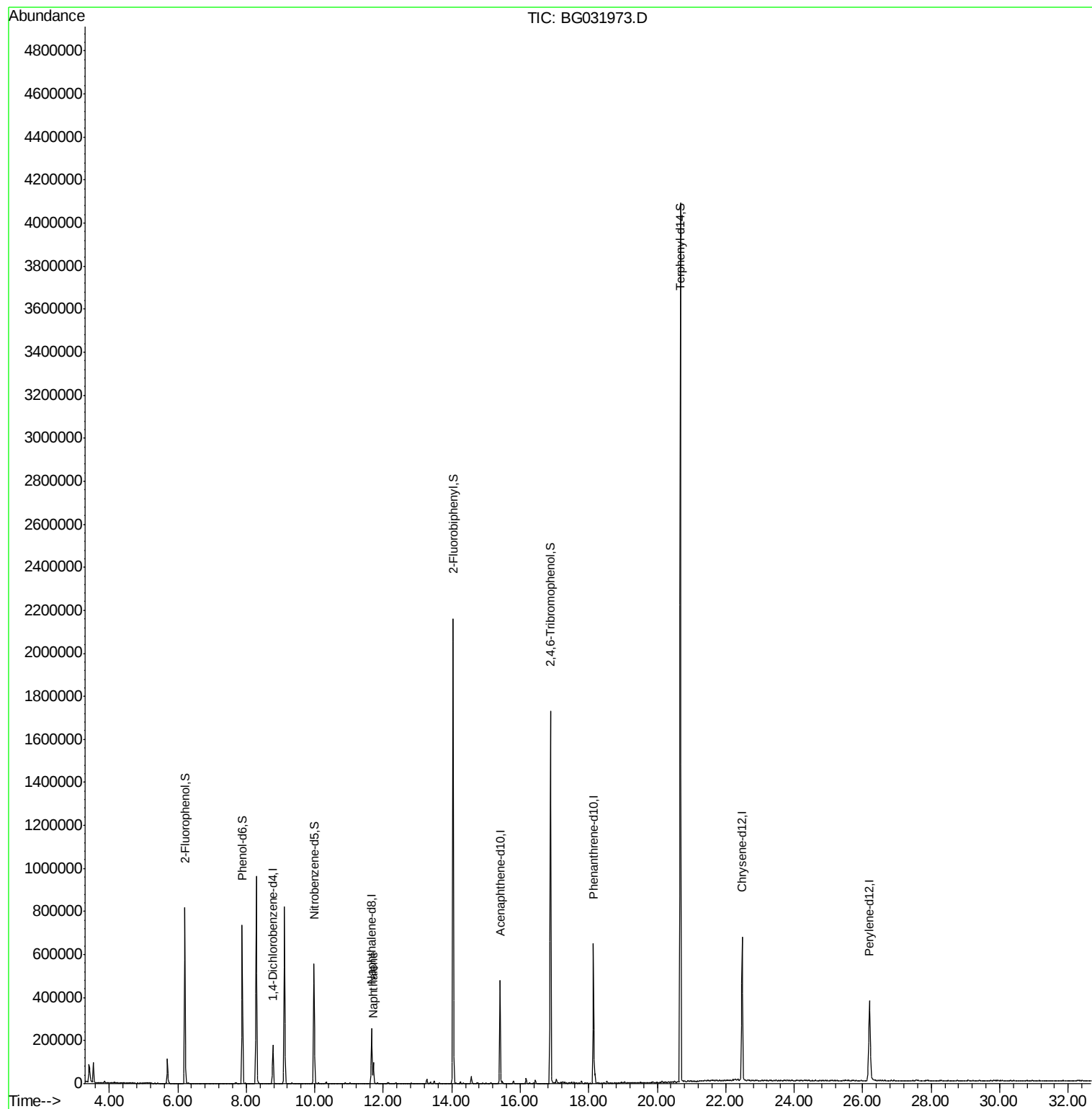
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	62015	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	260161	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	180747	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	460452	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	513227	20.00	ng	-0.04
86) Perylene-d12	26.20	264	510607	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	440157	129.27	ng	0.00
7) Phenol-d6	7.88	99	514237	116.33	ng	0.00
23) Nitrobenzene-d5	9.98	82	370825	107.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.88	330	424273	153.84	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1331314	92.45	ng	-0.01
78) Terphenyl-d14	20.67	244	2168992	96.55	ng	-0.02
Target Compounds						
31) Naphthalene	11.71	128	94678	7.211	ng	Qvalue 98

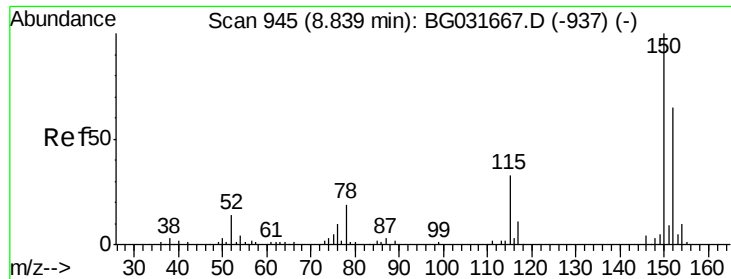
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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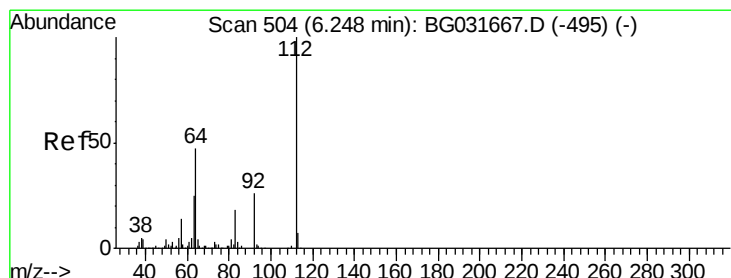
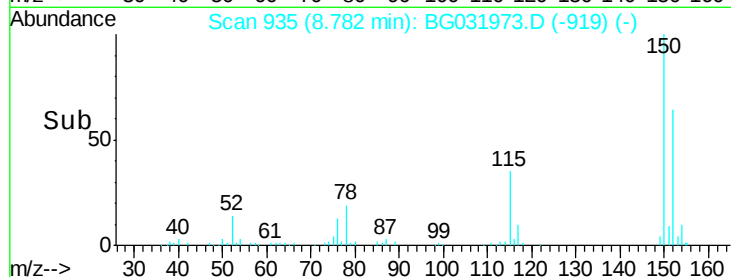
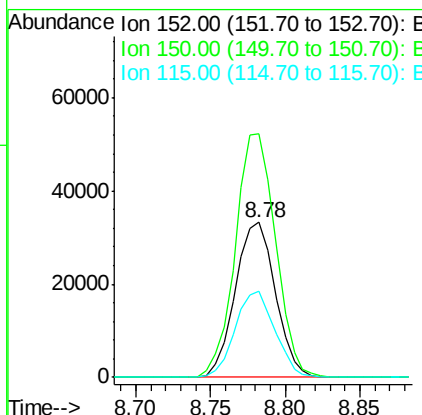
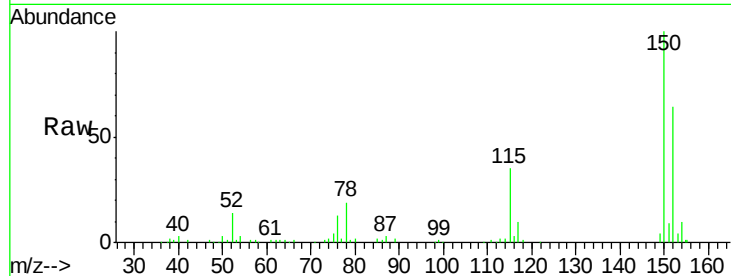




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

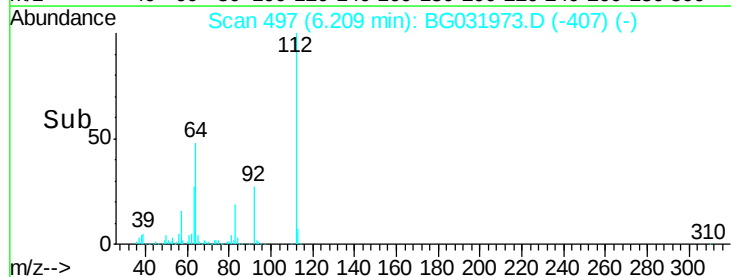
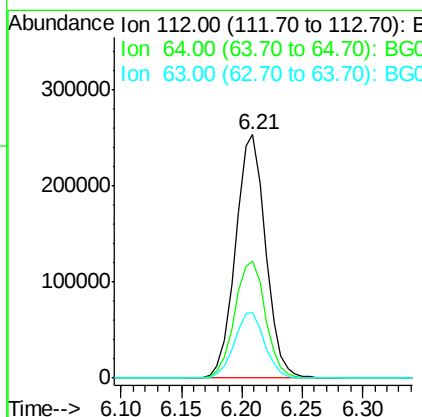
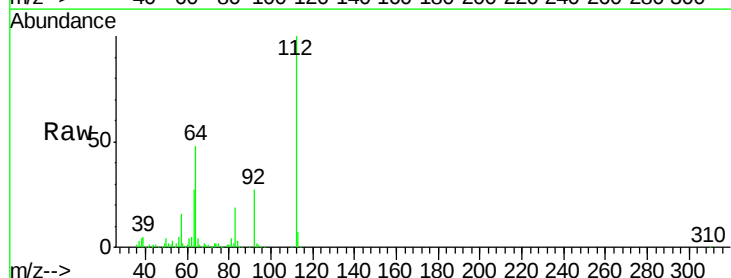
Instrument :
 BNA_G
 ClientSampleId :
 OWS-2A

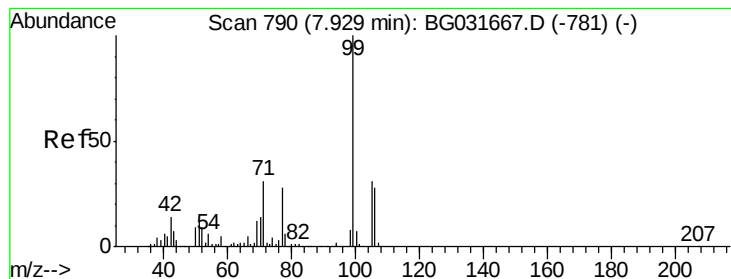
Tgt Ion:152 Resp: 62015
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.6 189.8
 115 55.3 53.0 79.4



#5
 2-Fluorophenol
 Concen: 129.274 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

Tgt Ion:112 Resp: 440157
 Ion Ratio Lower Upper
 112 100
 64 48.0 56.3 84.5#
 63 26.9 30.1 45.1#





#7

Phenol-d6

Concen: 116.328 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031973.D

Acq: 10 Jan 2018 8:56

Instrument :

BNA_G

ClientSampleId :

OWS-2A

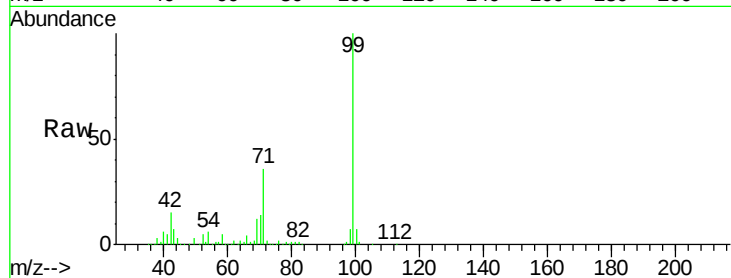
Tgt Ion: 99 Resp: 514237

Ion Ratio Lower Upper

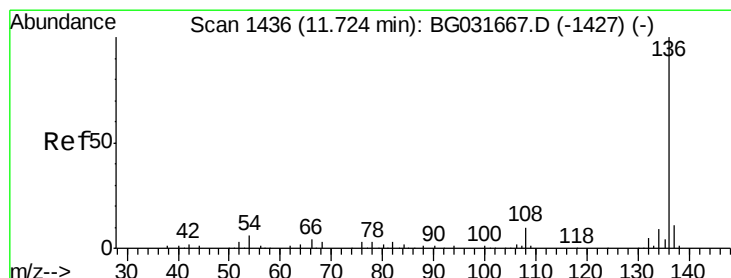
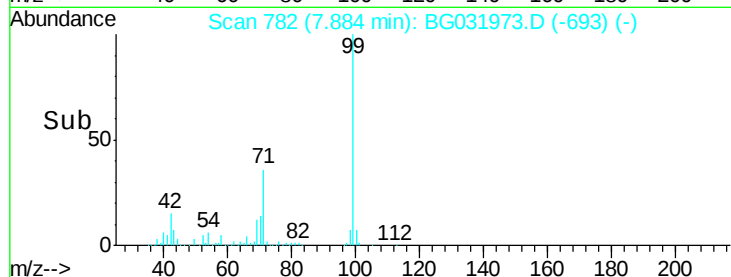
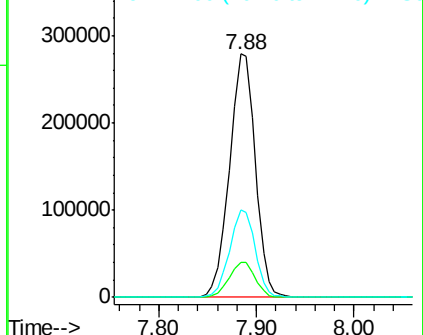
99 100

42 14.6 14.1 21.1

71 35.9 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: 11.66 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BG031973.D

Acq: 10 Jan 2018 8:56

Tgt Ion: 136 Resp: 260161

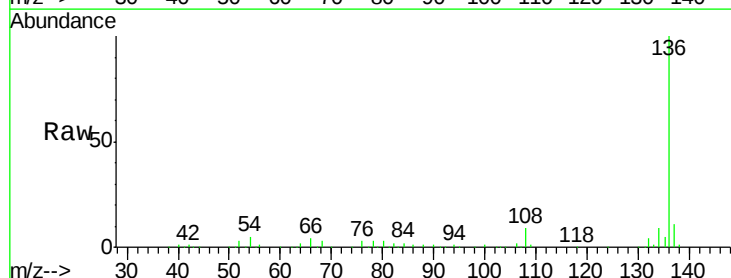
Ion Ratio Lower Upper

136 100

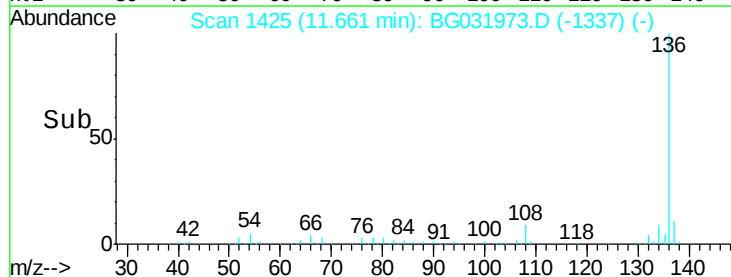
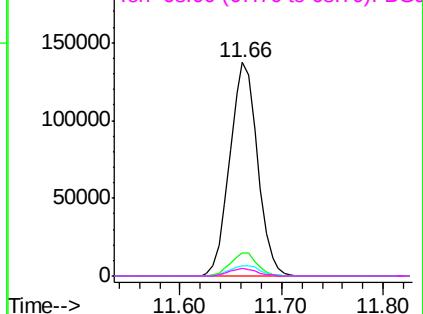
137 10.6 9.2 13.8

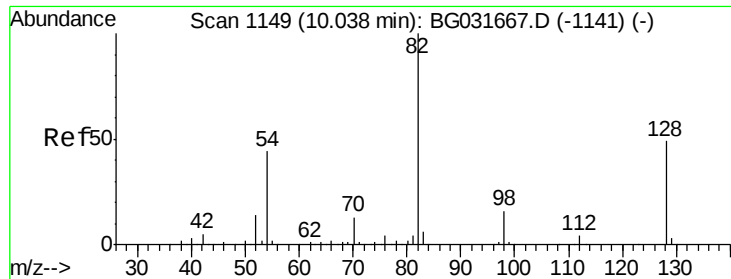
54 5.1 10.3 15.5#

68 3.5 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

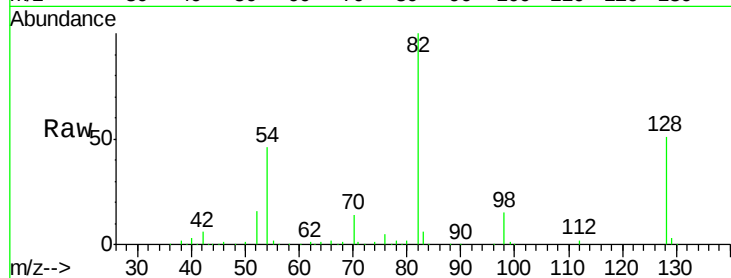




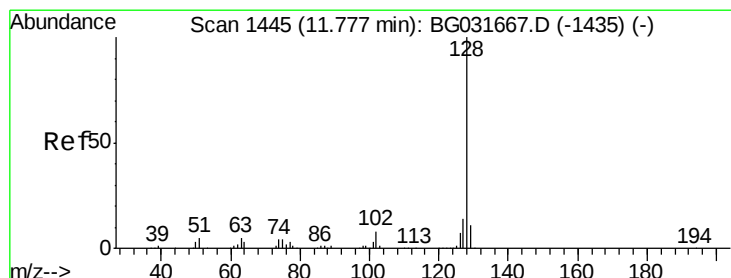
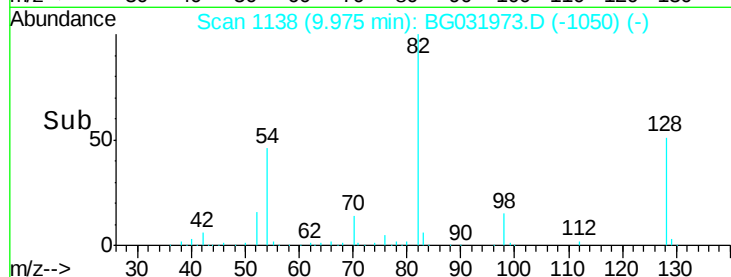
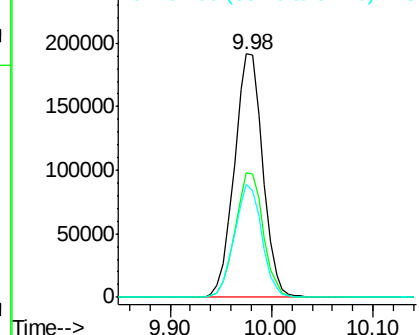
#23
 Nitrobenzene-d5
 Concen: 107.633 ng
 RT: 9.98 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2A

Tgt Ion: 82 Resp: 370825
 Ion Ratio Lower Upper
 82 100
 128 51.2 29.7 44.5#
 54 46.3 43.1 64.7

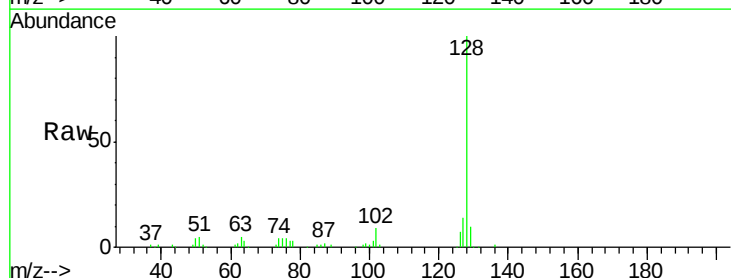


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

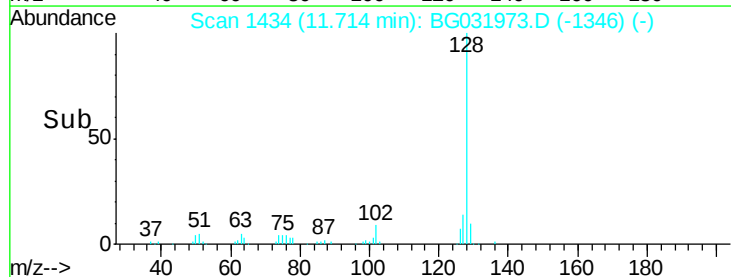
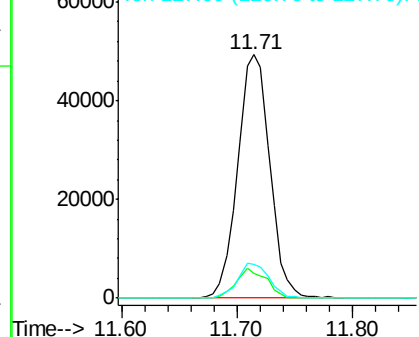


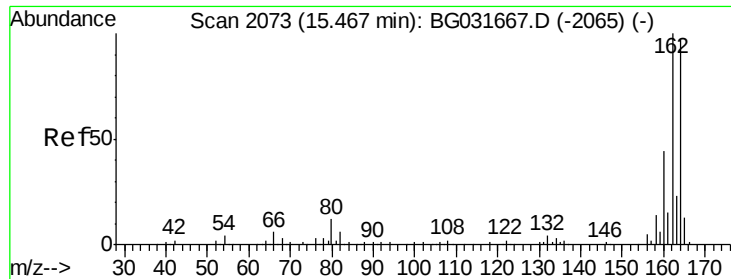
#31
 Naphthalene
 Concen: 7.211 ng
 RT: 11.71 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

Tgt Ion: 128 Resp: 94678
 Ion Ratio Lower Upper
 128 100
 129 10.1 8.6 12.8
 127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031973.D

Acq: 10 Jan 2018 8:56

Instrument :

BNA_G

ClientSampleId :

OWS-2A

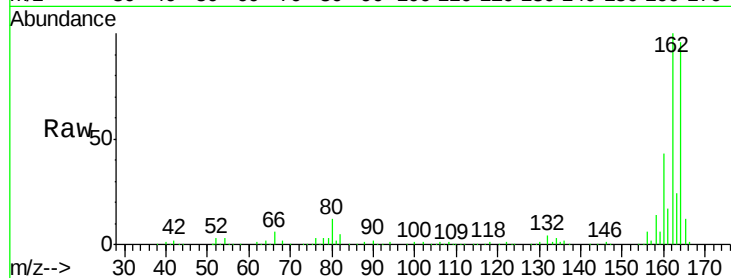
Tgt Ion:164 Resp: 180747

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

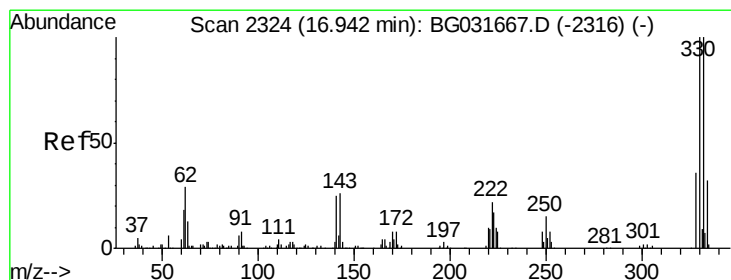
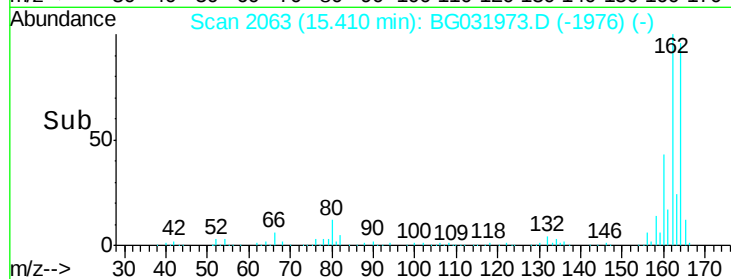
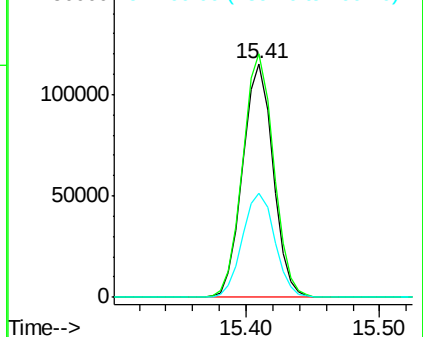
160 44.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 153.836 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031973.D

Acq: 10 Jan 2018 8:56

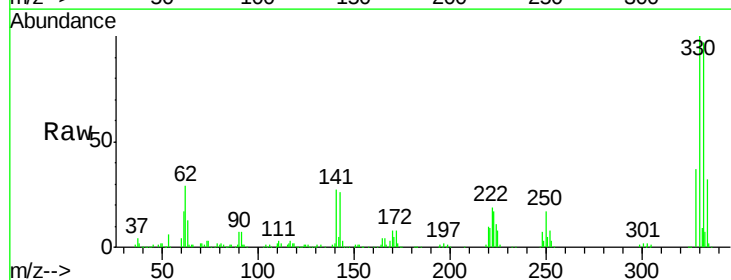
Tgt Ion:330 Resp: 424273

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

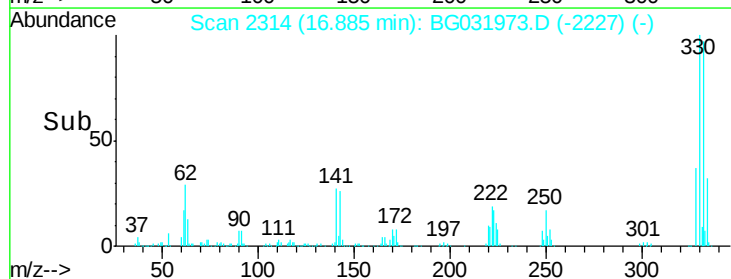
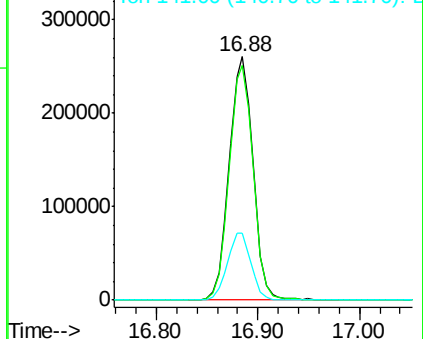
141 27.3 25.2 37.8

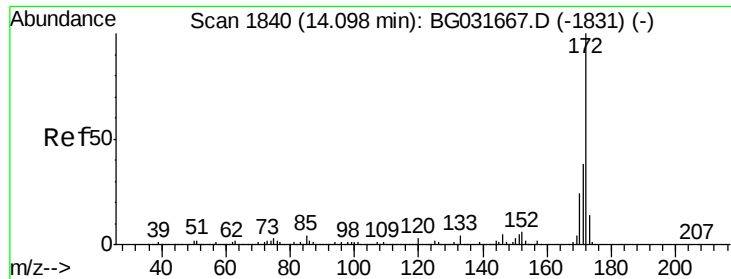


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

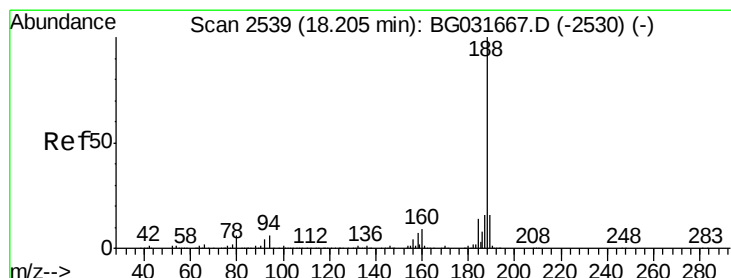
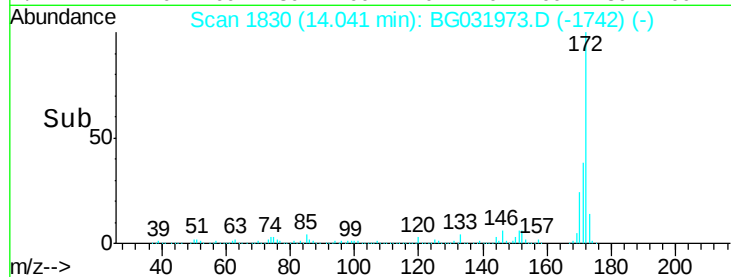
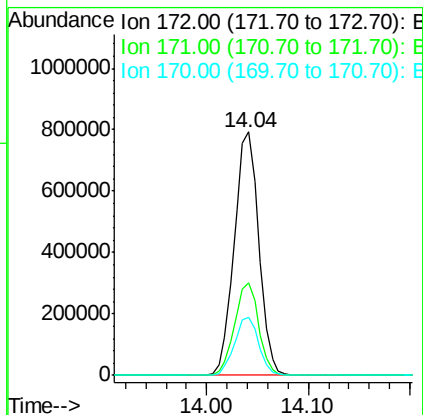
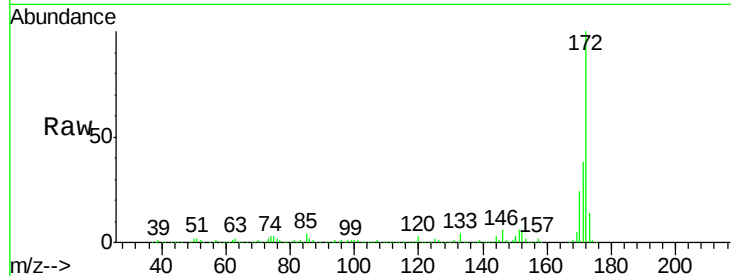




#44
 2-Fluorobiphenyl
 Concen: 92.448 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

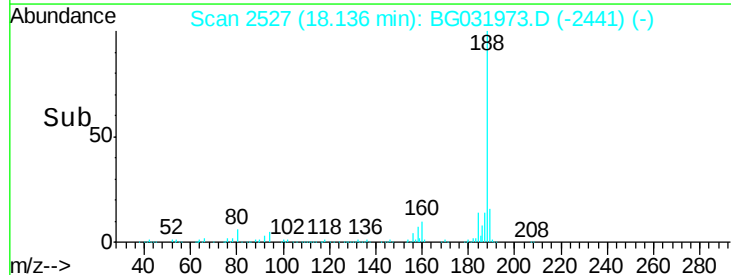
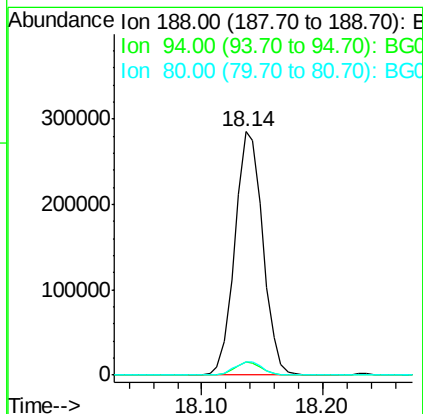
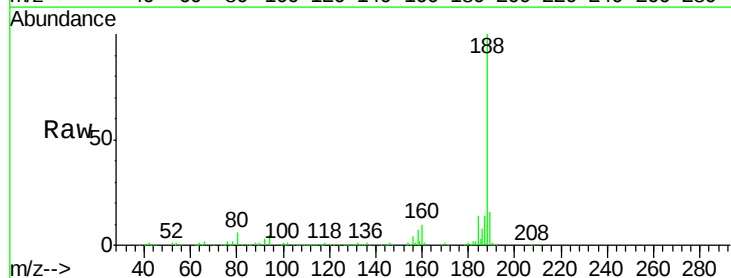
Instrument :
 BNA_G
 ClientSampleId :
 OWS-2A

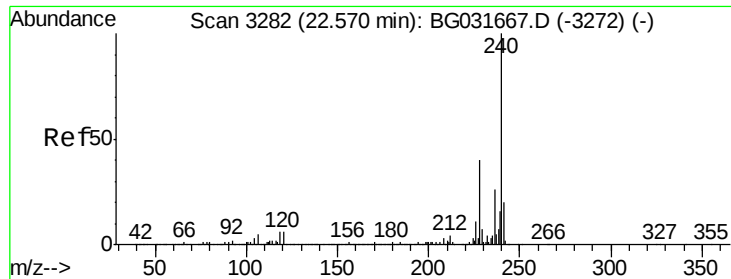
Tgt Ion:172 Resp: 1331314
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 23.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

Tgt Ion:188 Resp: 460452
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 5.6 7.7 11.5#

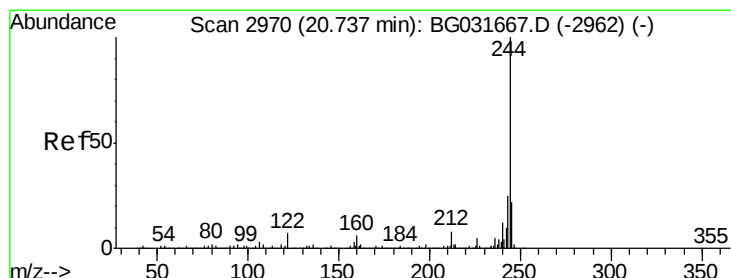
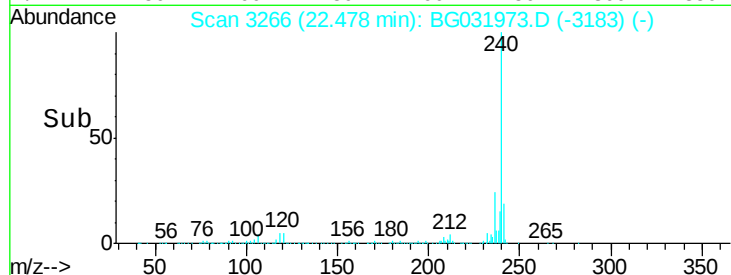
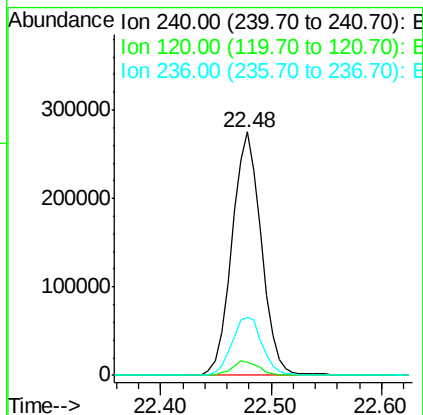
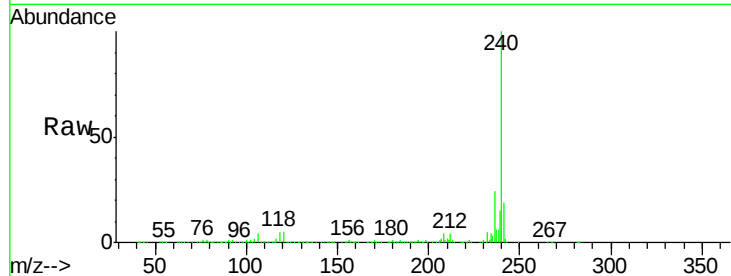




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.04 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

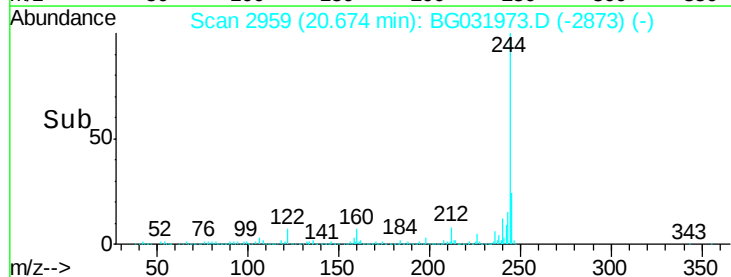
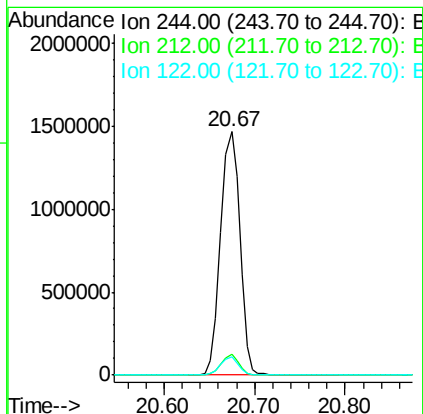
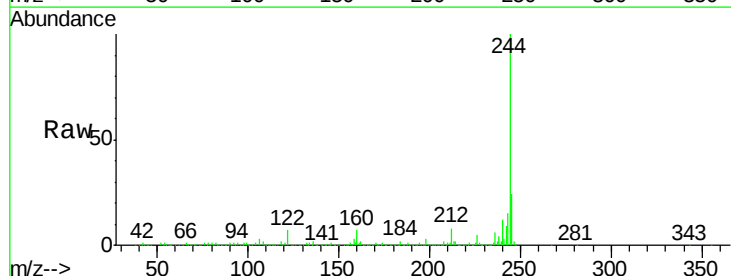
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 OWS-2A

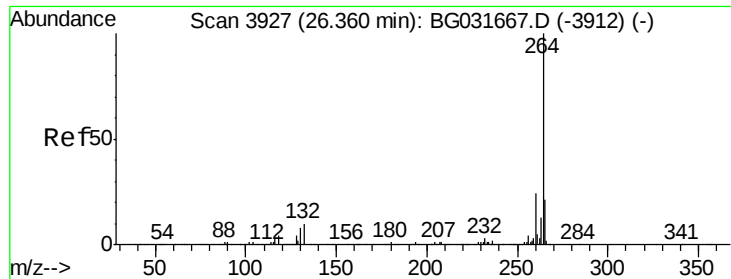
Tgt Ion:240 Resp: 513227
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 23.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 96.553 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BG031973.D
 Acq: 10 Jan 2018 8:56

Tgt Ion:244 Resp: 2168992
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 7.5 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.10 min
Lab File: BG031973.D
Acq: 10 Jan 2018 8:56

Instrument :
BNA_G
ClientSampleId :
OWS-2A

Tgt Ion: 264 Resp: 510607

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

