

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032873.D
 Acq On : 28 Feb 2018 3:24
 Operator : SJ/JU
 Sample : J1397-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-022318-D

Quant Time: Feb 28 06:12:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

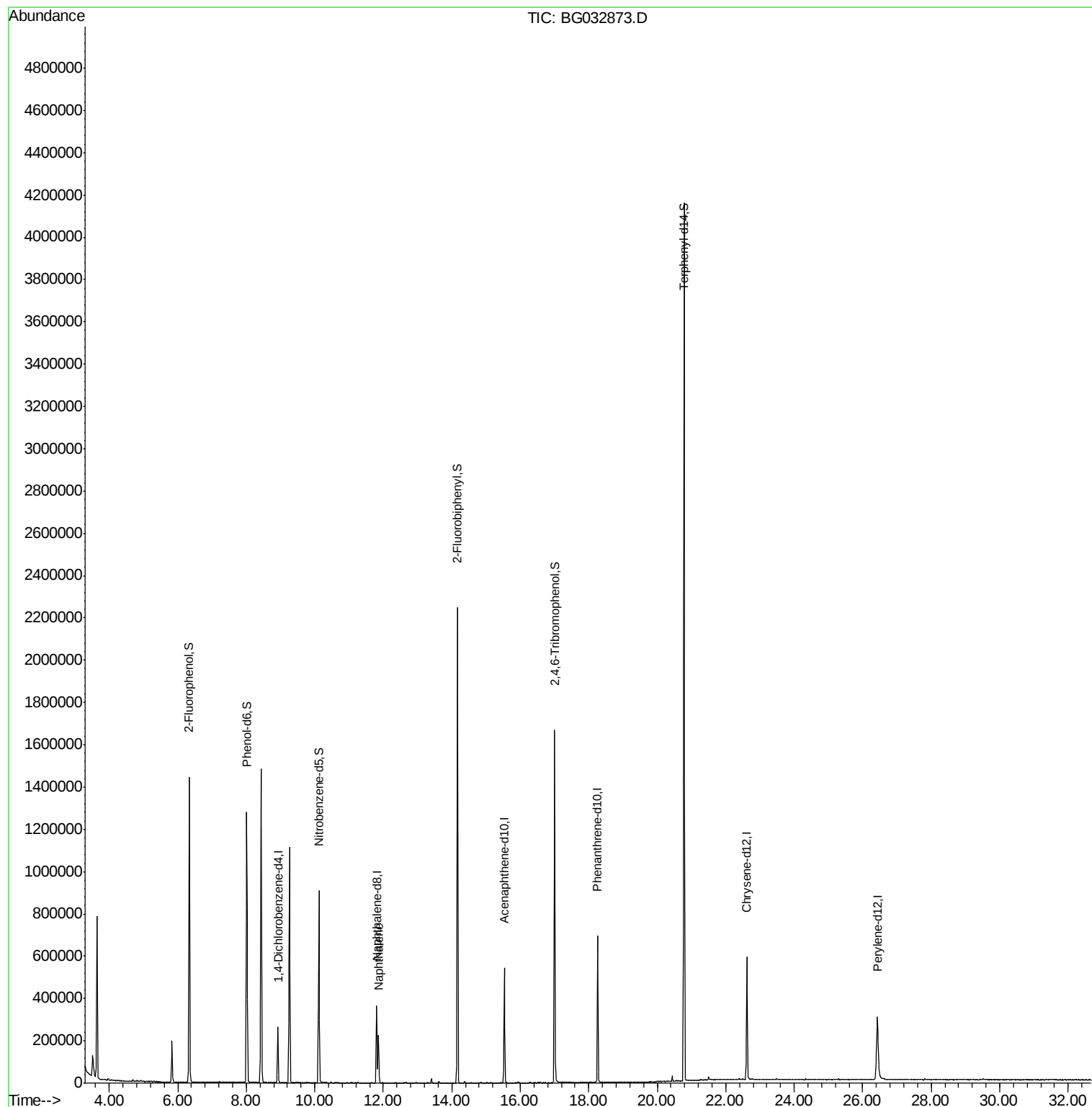
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	78848	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	332280	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182790	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	416311	20.00	ng	0.00
75) Chrysene-d12	22.61	240	382354	20.00	ng	-0.02
86) Perylene-d12	26.43	264	384749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	680775	138.13	ng	0.00
7) Phenol-d6	8.02	99	818228	119.11	ng	0.00
23) Nitrobenzene-d5	10.12	82	570452	115.16	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	291533	151.68	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1217921	96.10	ng	0.00
78) Terphenyl-d14	20.78	244	1756323	103.20	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	198372	11.425	ng	Qvalue 99

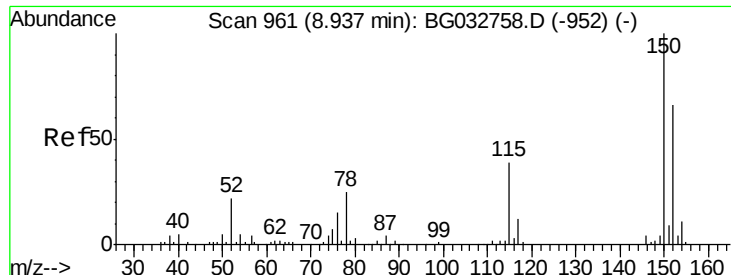
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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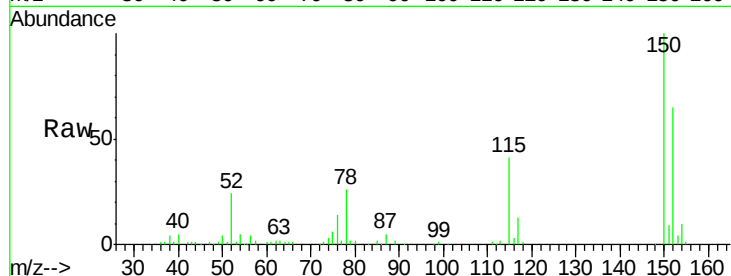


#1

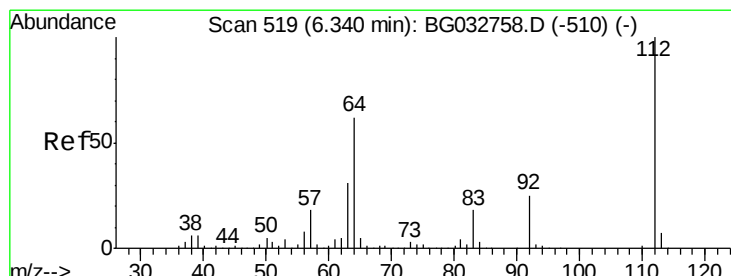
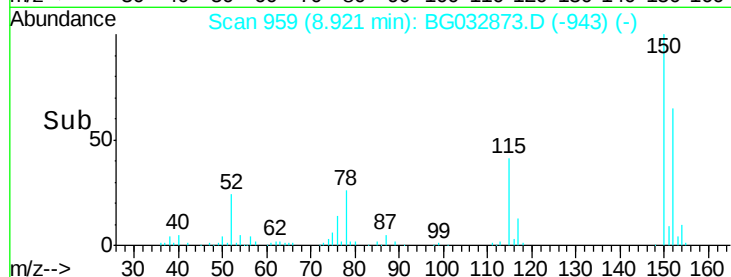
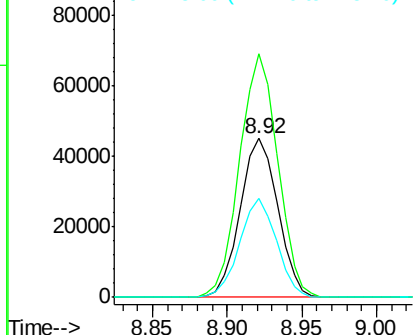
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032873.D
Acq: 28 Feb 2018 3:24

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-D

Tot Ion:152 Resp: 78848
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 62.3 53.0 79.4



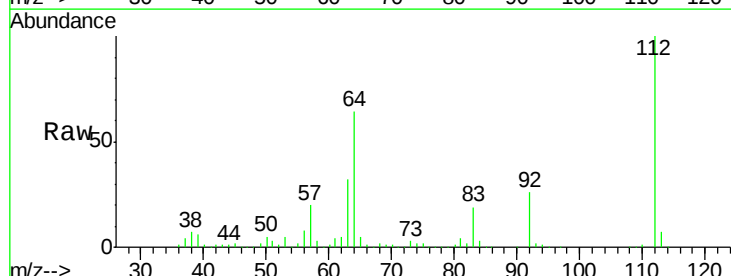
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



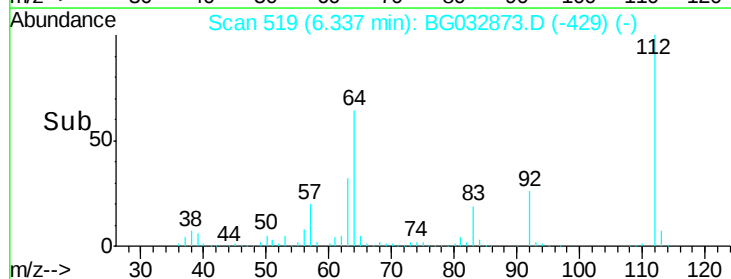
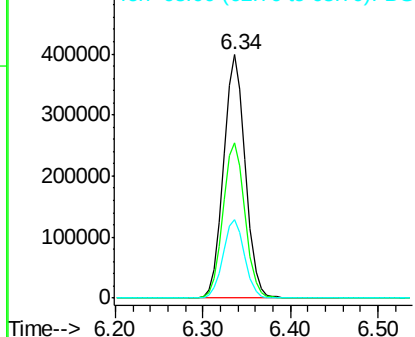
#5

2-Fluorophenol
Concen: 138.132 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032873.D
Acq: 28 Feb 2018 3:24

Tgt Ion:112 Resp: 680775
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 32.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.109 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032873.D

Acq: 28 Feb 2018 3:24

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-D

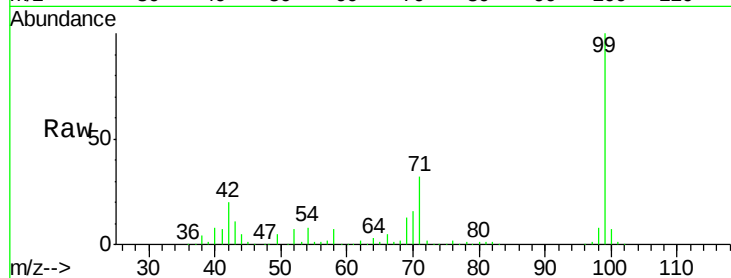
Tot Ion: 99 Resp: 818228

Ion Ratio Lower Upper

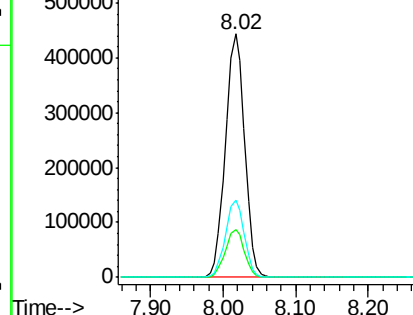
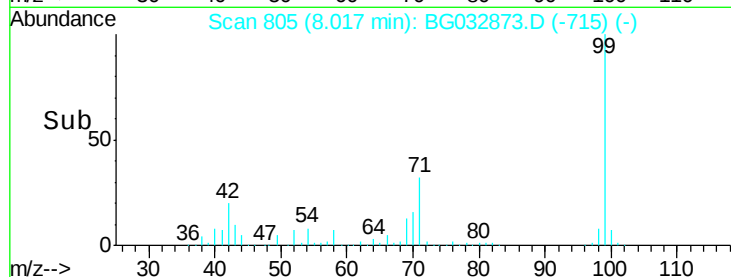
99 100

42 19.8 14.1 21.1

71 31.5 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: 11.81 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032873.D

Acq: 28 Feb 2018 3:24

Tgt Ion: 136 Resp: 332280

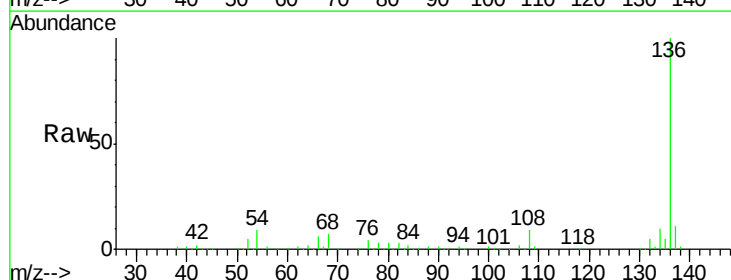
Ion Ratio Lower Upper

136 100

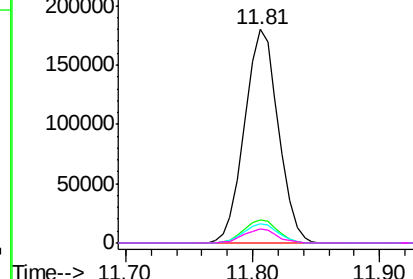
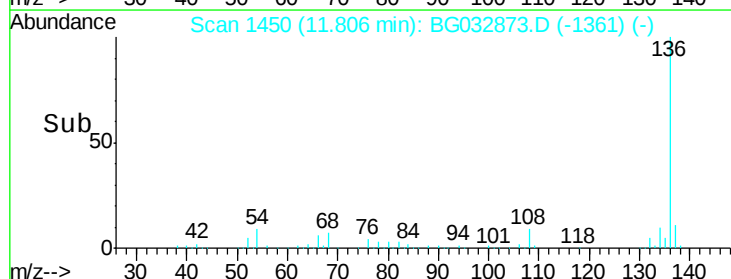
137 10.9 9.2 13.8

54 9.3 10.3 15.5#

68 6.8 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

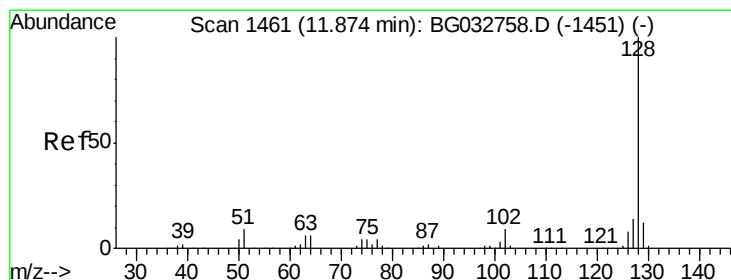
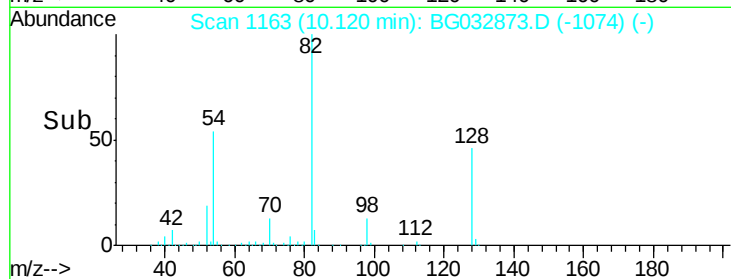
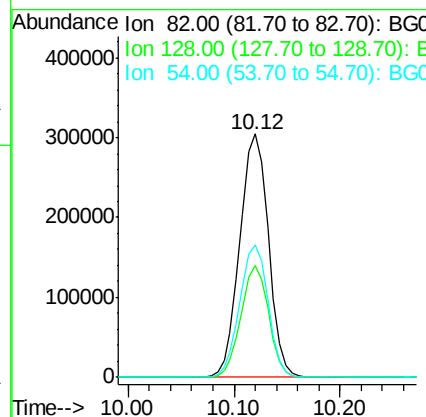
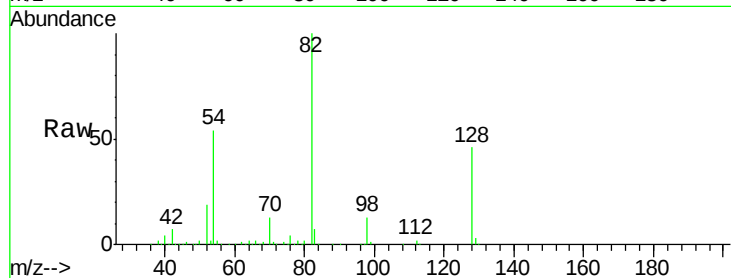




#23
 Nitrobenzene-d5
 Concen: 115.155 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032873.D
 Acq: 28 Feb 2018 3:24

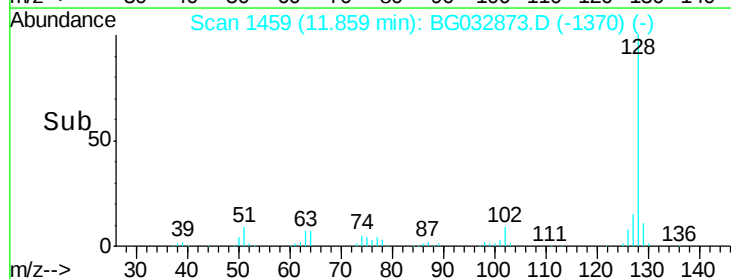
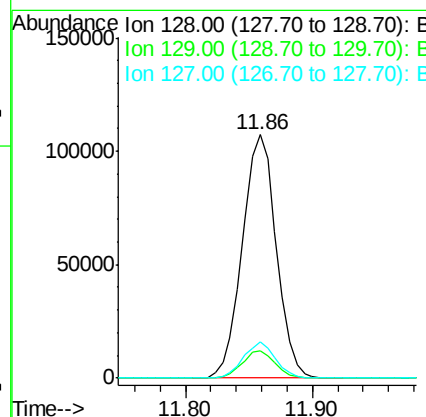
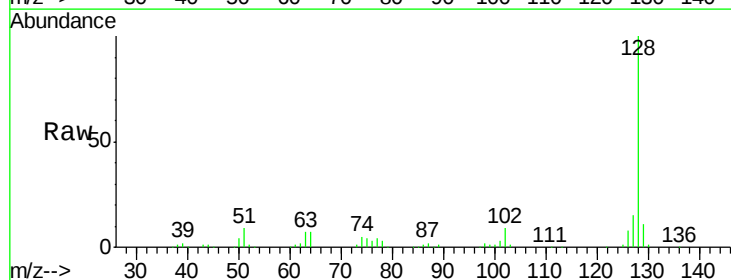
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-022318-D

Tot Ion	82	Resp	570452
Ion Ratio	Lower	Upper	
82	100		
128	45.9	29.7	44.5#
54	54.3	43.1	64.7



#31
 Naphthalene
 Concen: 11.425 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BG032873.D
 Acq: 28 Feb 2018 3:24

Tgt Ion	128	Resp	198372
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	14.8	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032873.D

Acq: 28 Feb 2018 3:24

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-D

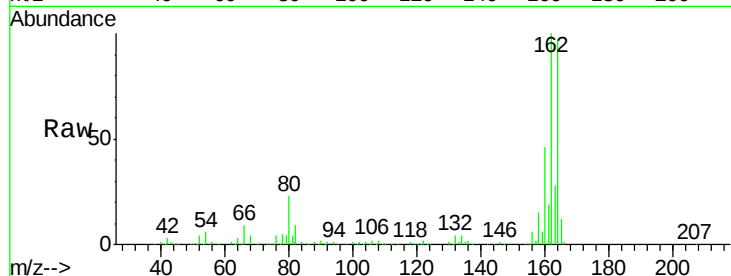
Tot Ion:164 Resp: 182790

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

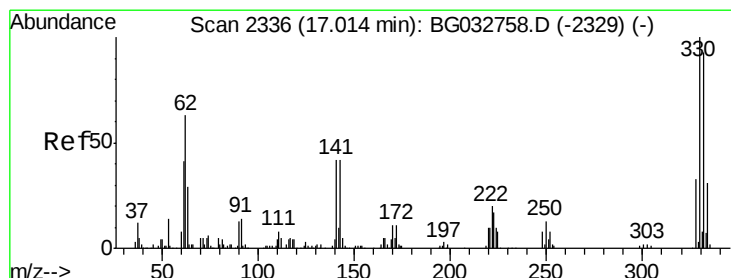
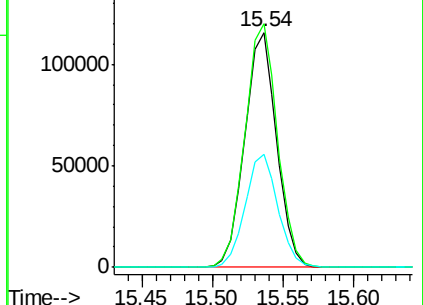
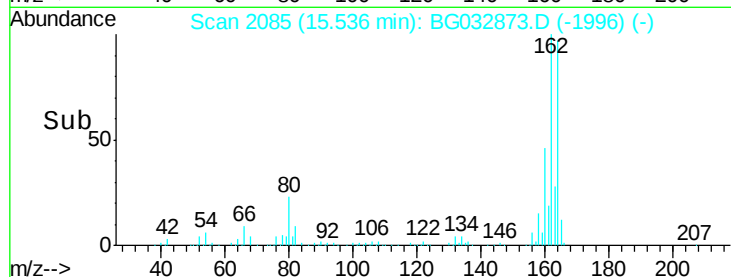
160 47.9 35.4 53.0



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: 151.684 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032873.D

Acq: 28 Feb 2018 3:24

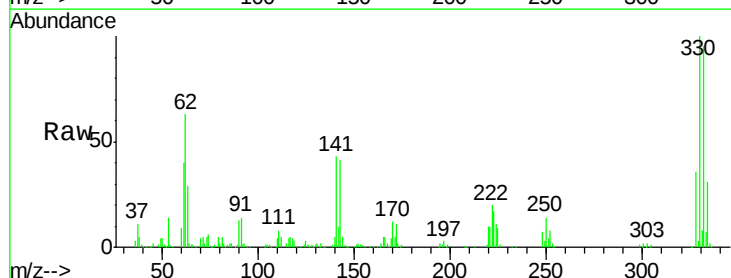
Tgt Ion:330 Resp: 291533

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

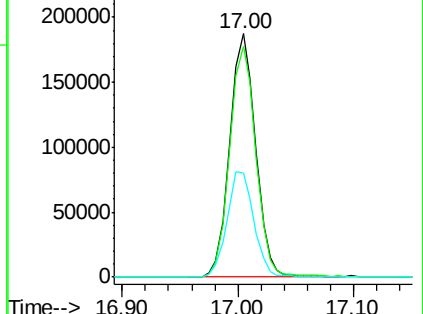
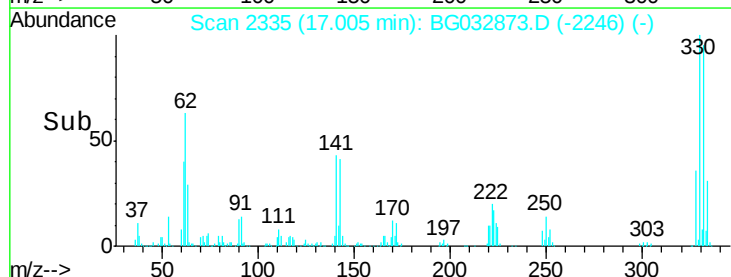
141 45.0 25.2 37.8#

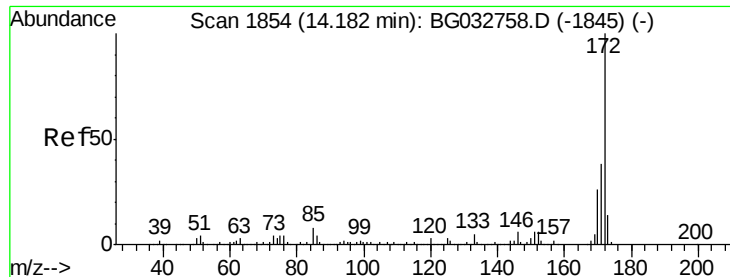


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

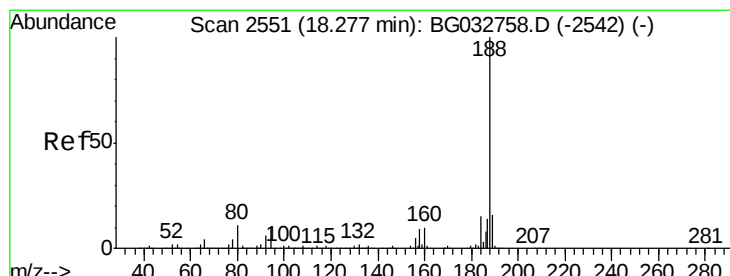
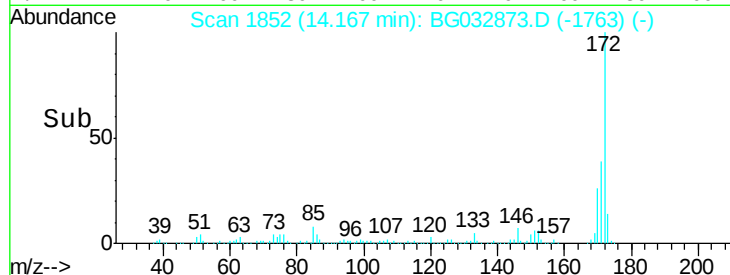
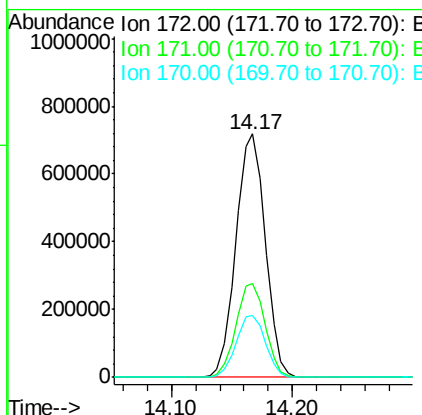
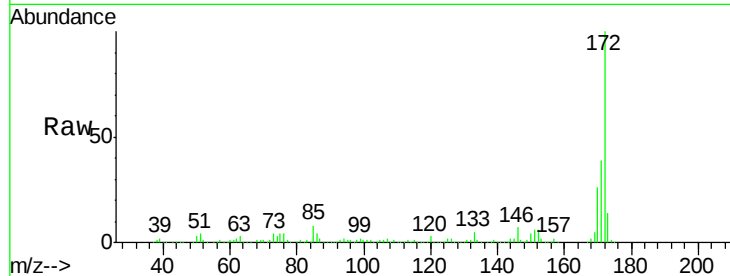




#44
 2-Fluorobiphenyl
 Concen: 96.097 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032873.D
 Acq: 28 Feb 2018 3:24

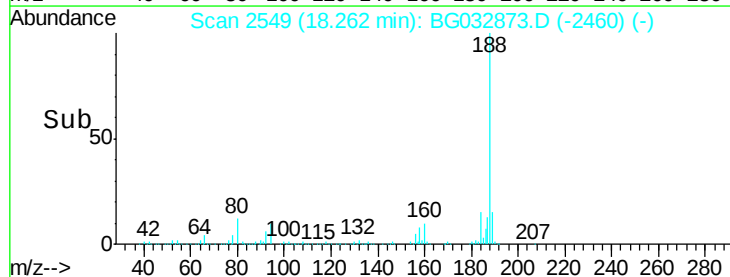
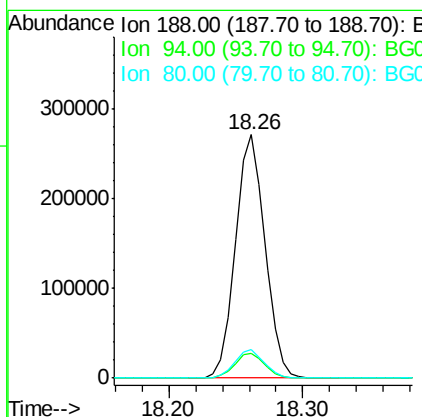
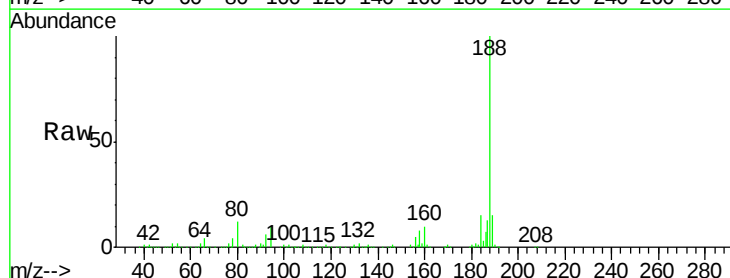
Instrument :
 BNA_G
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 CL-02-022318-D

Tot Ion:172 Resp: 1217921
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032873.D
 Acq: 28 Feb 2018 3:24

Tgt Ion:188 Resp: 416311
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.9 10.3
 80 11.8 7.7 11.5#

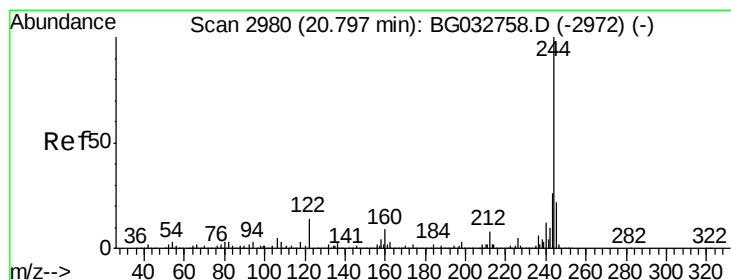
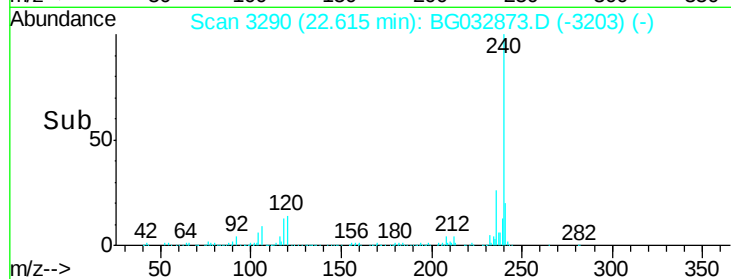
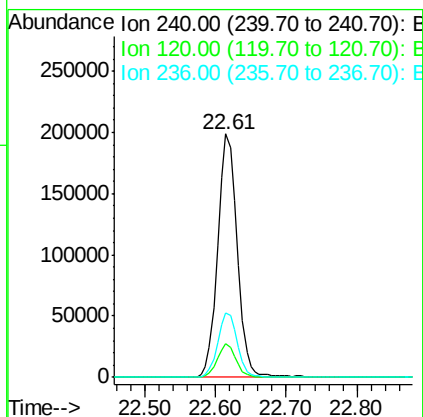
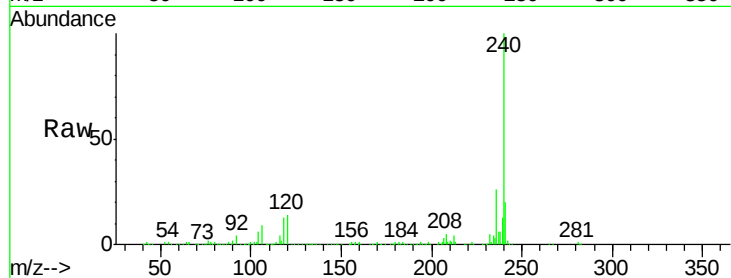




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3290
 Delta R.T. -0.02 min
 Lab File: BG032873.D
 Acq: 28 Feb 2018 3:24

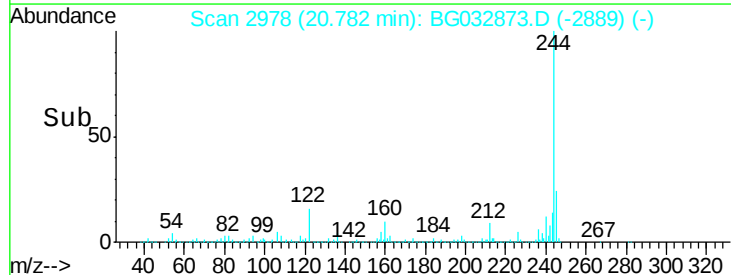
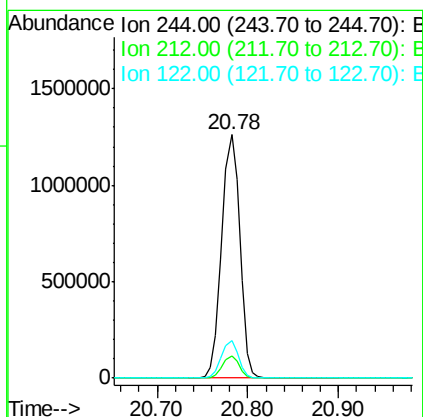
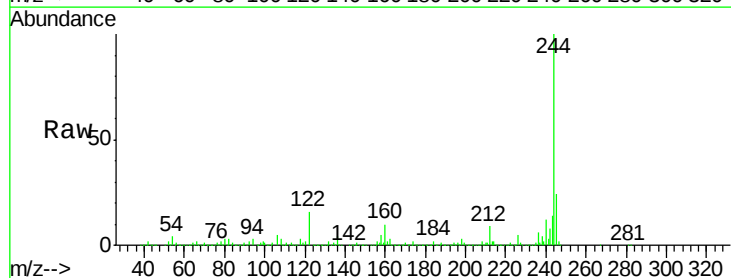
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 ClientSampleId :
 CL-02-022318-D

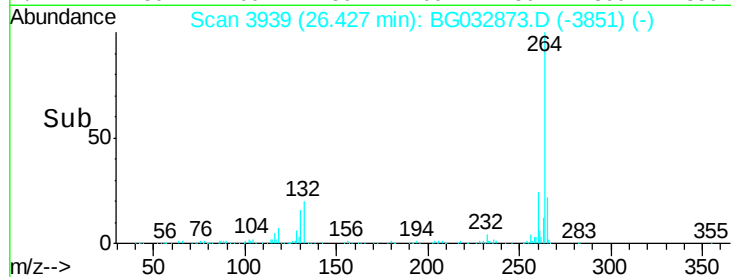
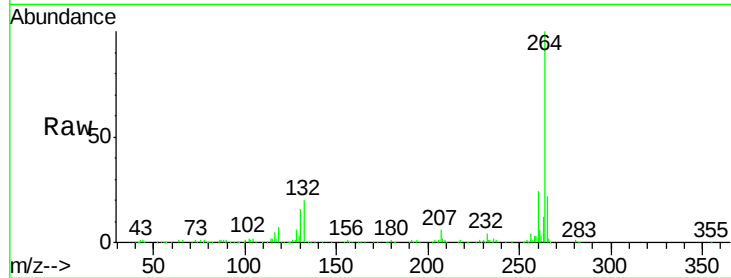
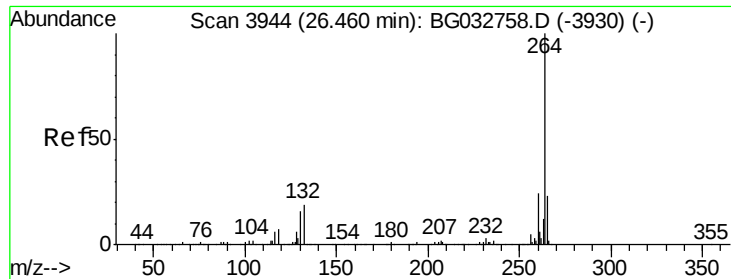
Tot Ion:240 Resp: 382354
 Ion Ratio Lower Upper
 240 100
 120 13.6 6.8 10.2#
 236 26.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 103.202 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG032873.D
 Acq: 28 Feb 2018 3:24

Tgt Ion:244 Resp: 1756323
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 15.6 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032873.D

Acq: 28 Feb 2018 3:24

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-D

Tot Ion: 264 Resp: 384749

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.7 17.7 26.5

