

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032874.D
 Acq On : 28 Feb 2018 4:01
 Operator : SJ/JU
 Sample : J1397-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Feb 28 06:13:39 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	75062	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	330311	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182542	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	415076	20.00	ng	0.00
75) Chrysene-d12	22.61	240	375365	20.00	ng	-0.02
86) Perylene-d12	26.43	264	372397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	756453	161.23	ng	0.00
7) Phenol-d6	8.02	99	898281	137.36	ng	0.00
23) Nitrobenzene-d5	10.12	82	637934	128.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	321363	167.43	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1356484	107.17	ng	0.00
78) Terphenyl-d14	20.78	244	1897642	113.58	ng	0.00

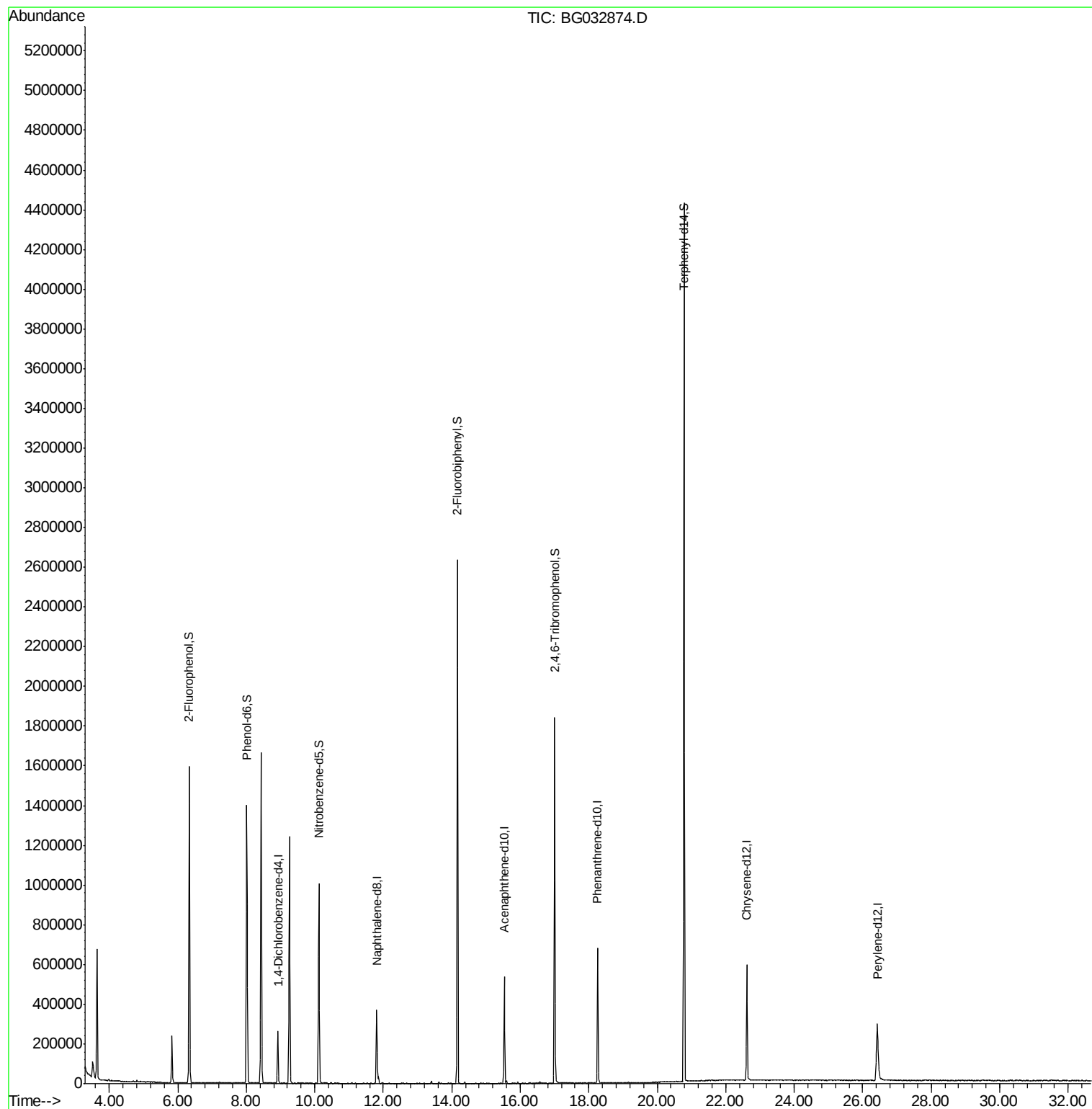
Target Compounds Qvalue

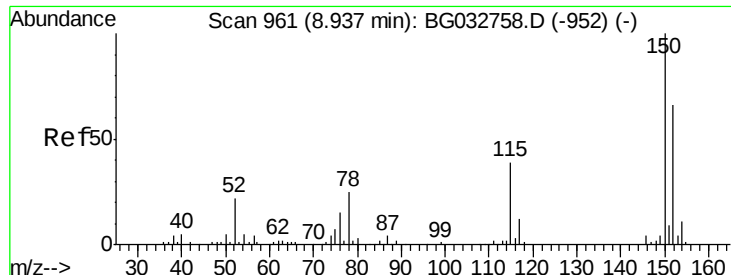
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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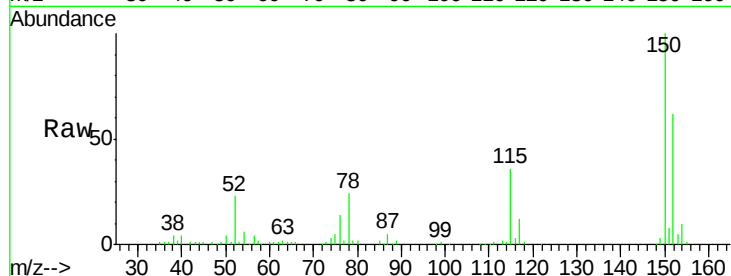


#1

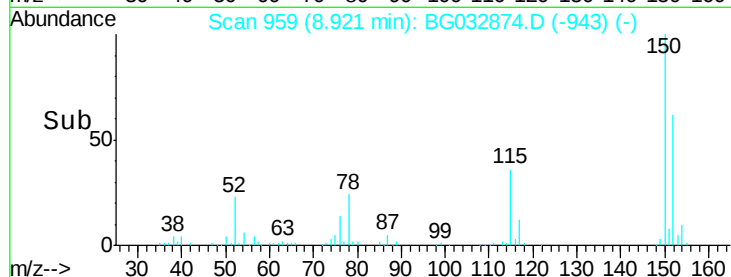
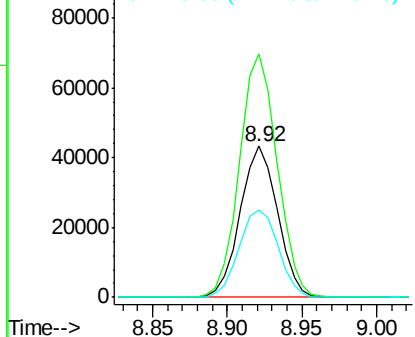
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

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

Tot Ion:152 Resp: 75062
Ion Ratio Lower Upper
152 100
150 160.8 126.6 189.8
115 57.6 53.0 79.4



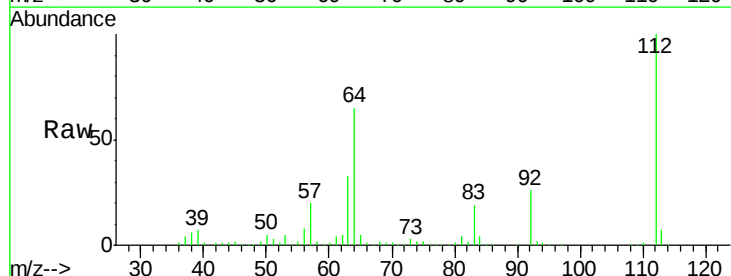
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



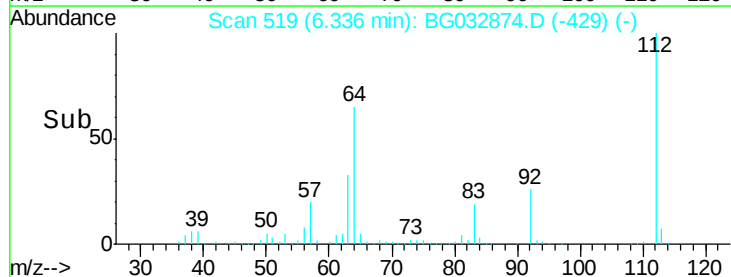
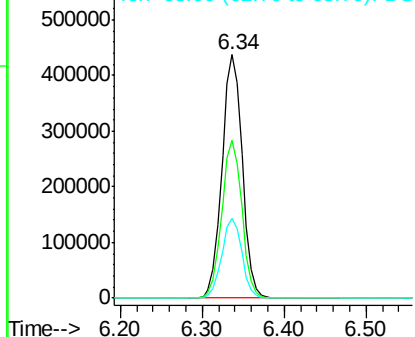
#5

2-Fluorophenol
Concen: 161.229 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:112 Resp: 756453
Ion Ratio Lower Upper
112 100
64 65.1 56.3 84.5
63 32.8 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: 137.358 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-E

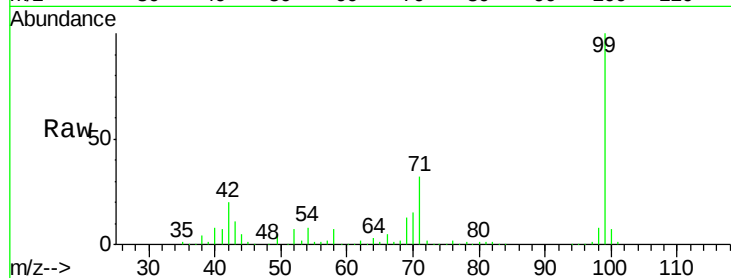
Tot Ion: 99 Resp: 898281

Ion Ratio Lower Upper

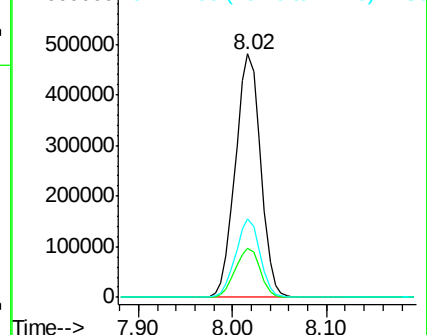
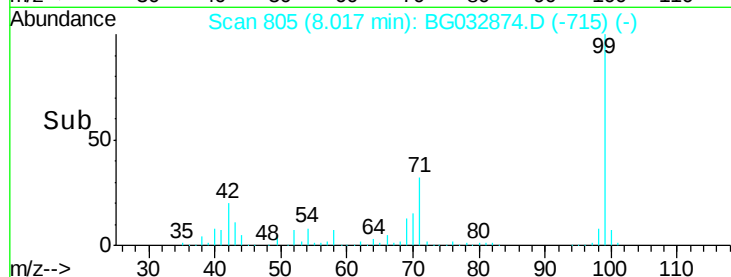
99 100

42 20.1 14.1 21.1

71 32.1 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: 11.81 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Tgt Ion: 136 Resp: 330311

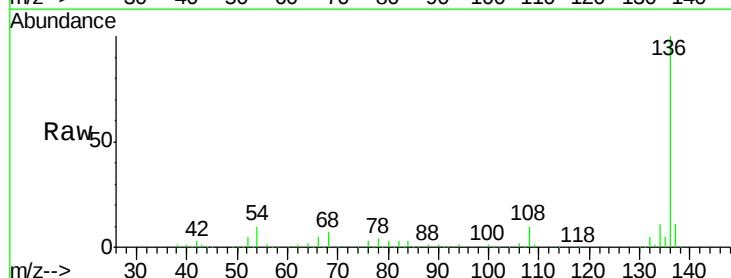
Ion Ratio Lower Upper

136 100

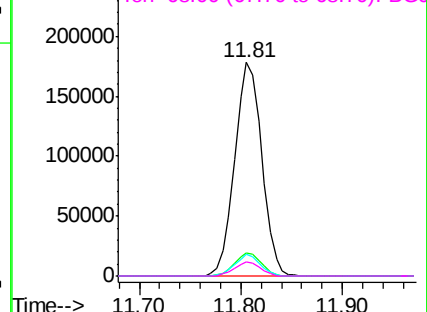
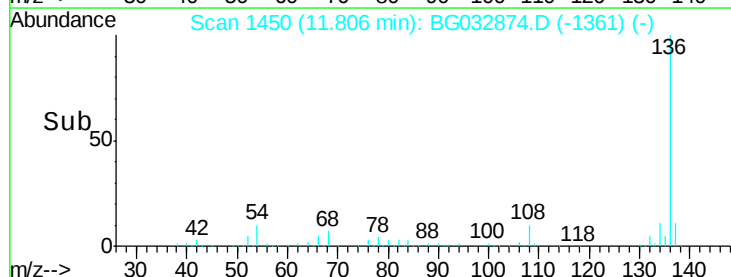
137 11.1 9.2 13.8

54 10.0 10.3 15.5#

68 6.6 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

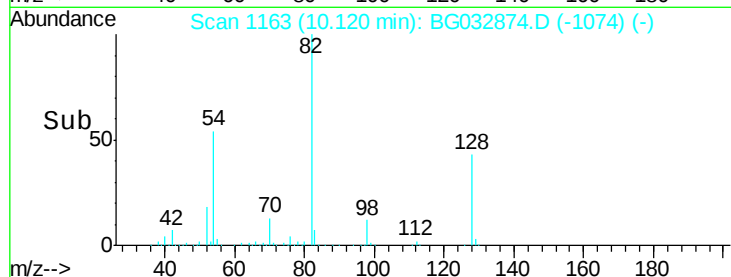
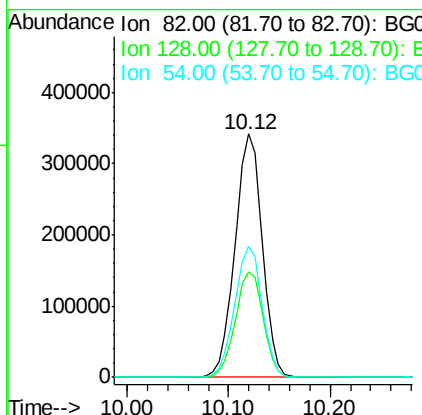
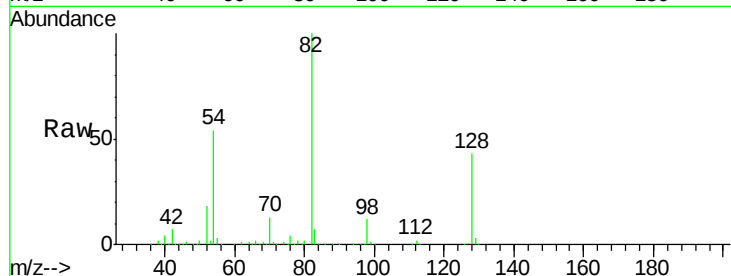




#23
 Nitrobenzene-d5
 Concen: 128.307 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

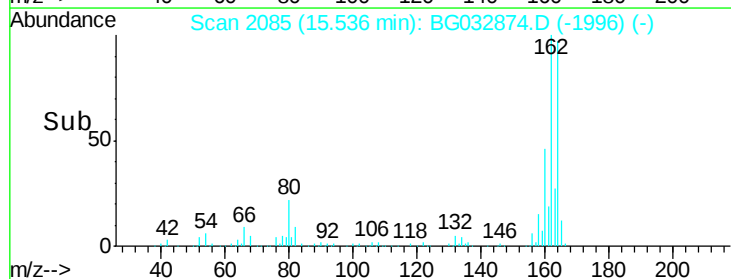
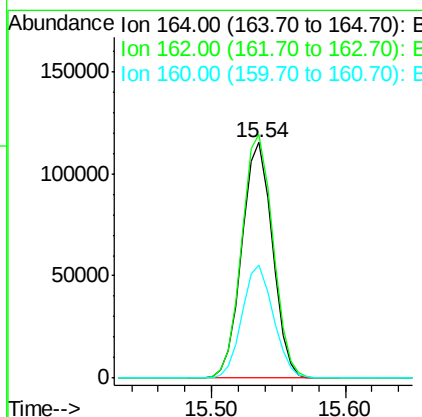
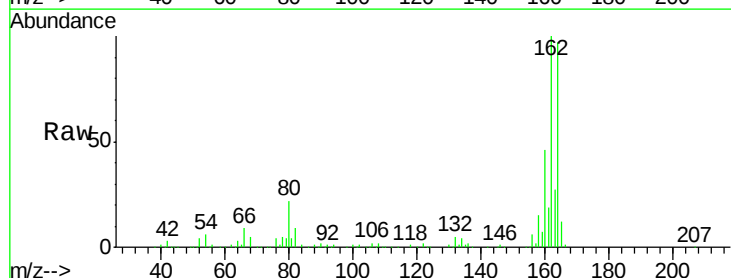
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-022318-E

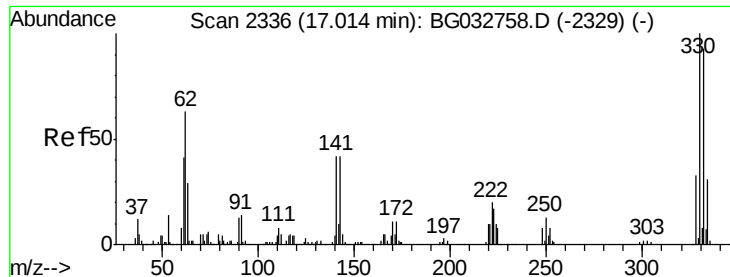
Tot Ion	82	Resp	637934
Ion Ratio	100	Lower	Upper
128	43.4	29.7	44.5
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Tgt Ion	164	Resp	182542
Ion Ratio	100	Lower	Upper
162	103.4	78.8	118.2
160	48.0	35.4	53.0

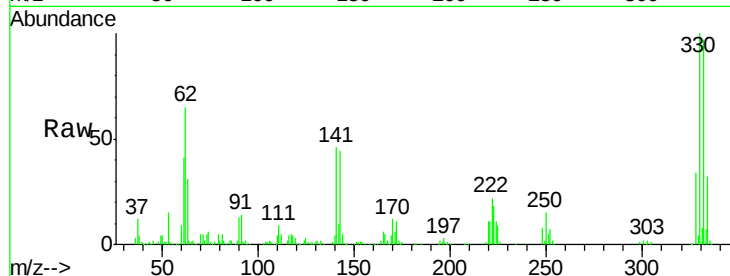




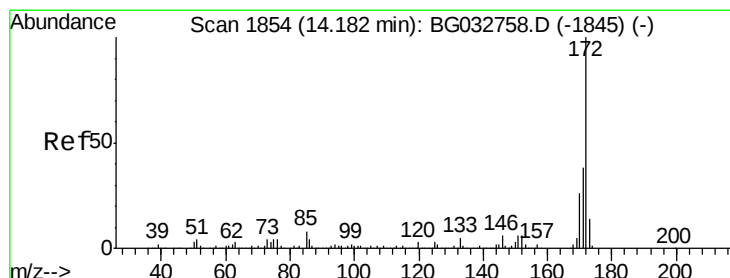
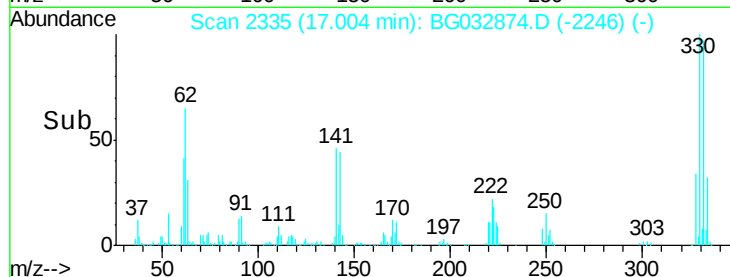
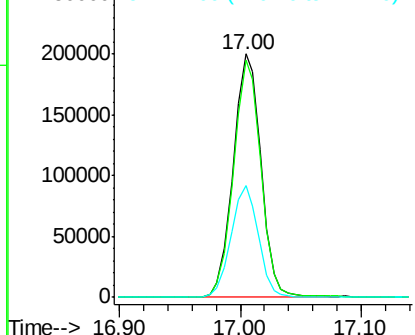
#41
 2,4,6-Tribromophenol
 Concen: 167.432 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

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

Tot Ion:330 Resp: 321363
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 45.3 25.2 37.8#

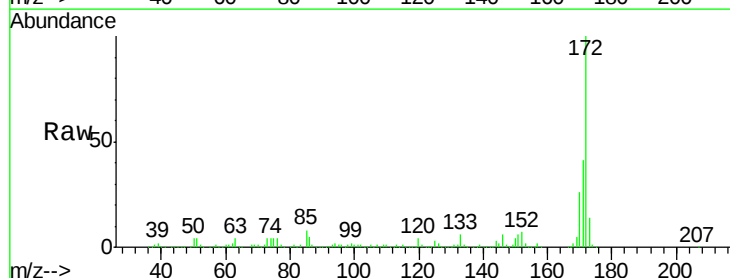


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

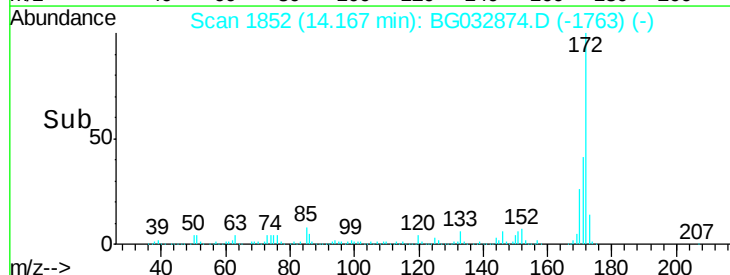
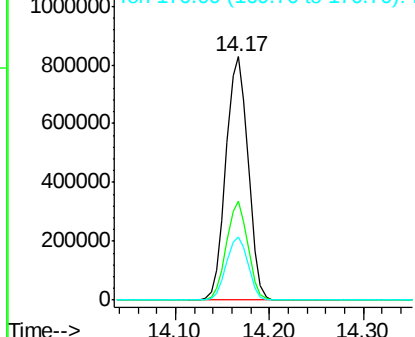


#44
 2-Fluorobiphenyl
 Concen: 107.175 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Tgt Ion:172 Resp: 1356484
 Ion Ratio Lower Upper
 172 100
 171 40.7 30.0 45.0
 170 26.1 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

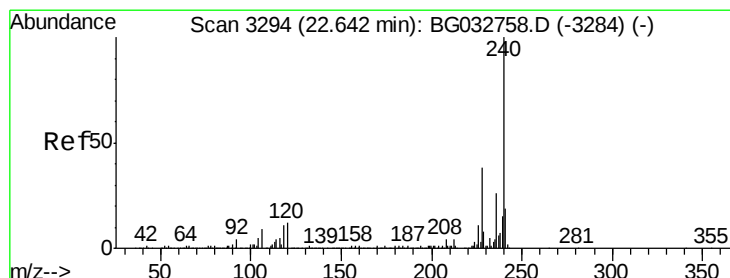
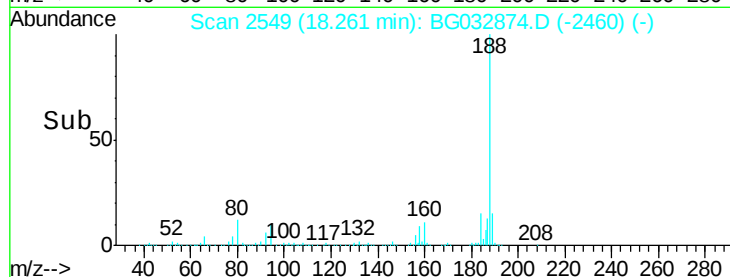
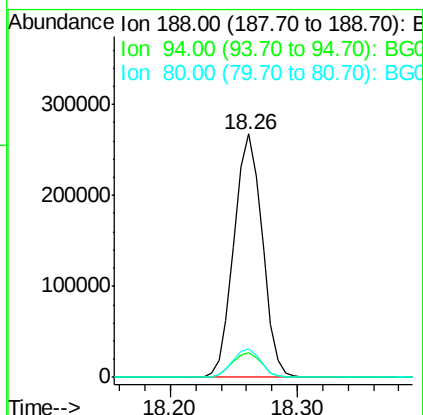
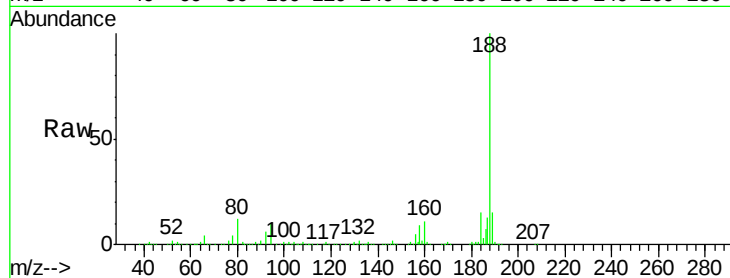




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

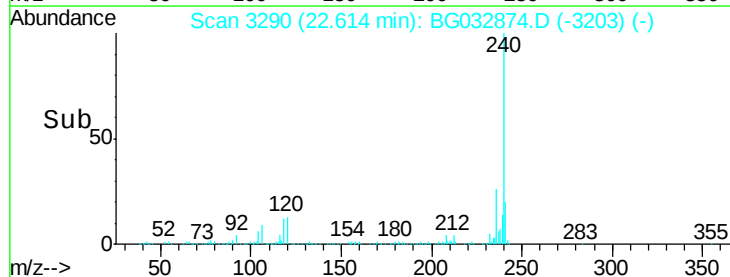
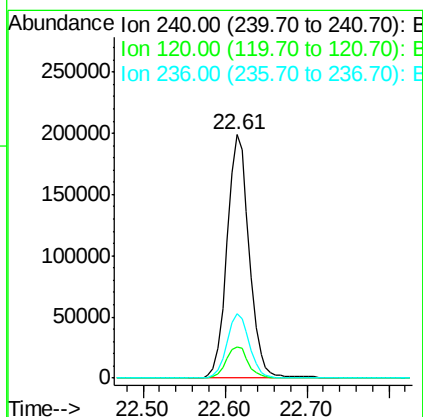
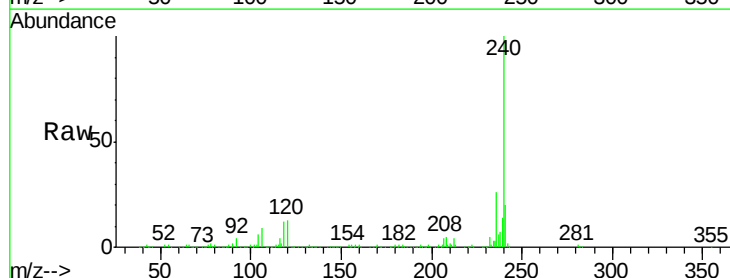
Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tot Ion:188 Resp: 415076
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:240 Resp: 375365
Ion Ratio Lower Upper
240 100
120 12.7 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 113.582 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-E

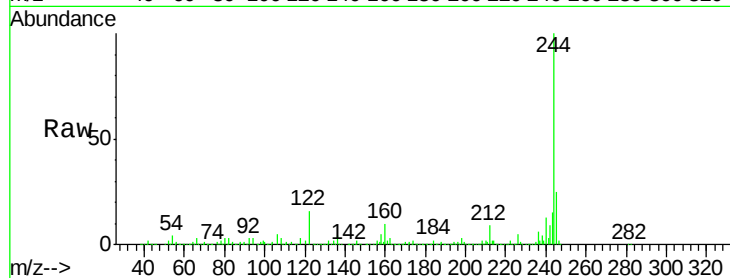
Tot Ion:244 Resp: 1897642

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

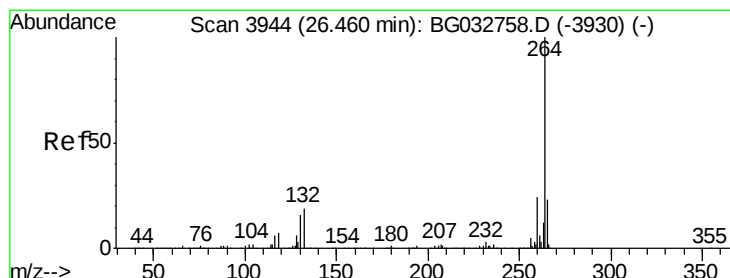
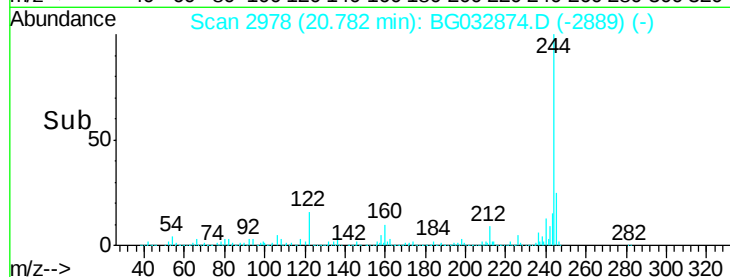
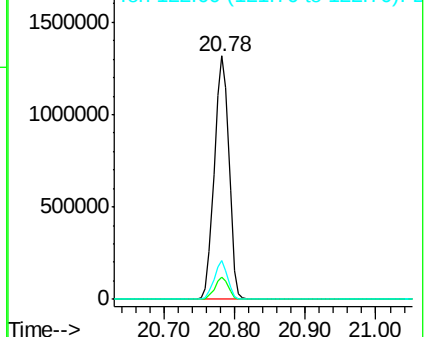
122 16.0 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

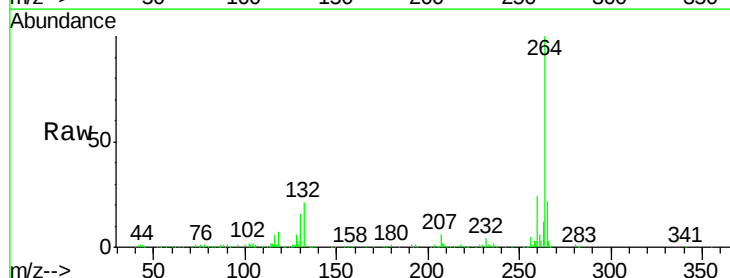
Tgt Ion:264 Resp: 372397

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.6 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

