

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032872.D
 Acq On : 28 Feb 2018 2:46
 Operator : SJ/JU
 Sample : J1397-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 28 06:11:43 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

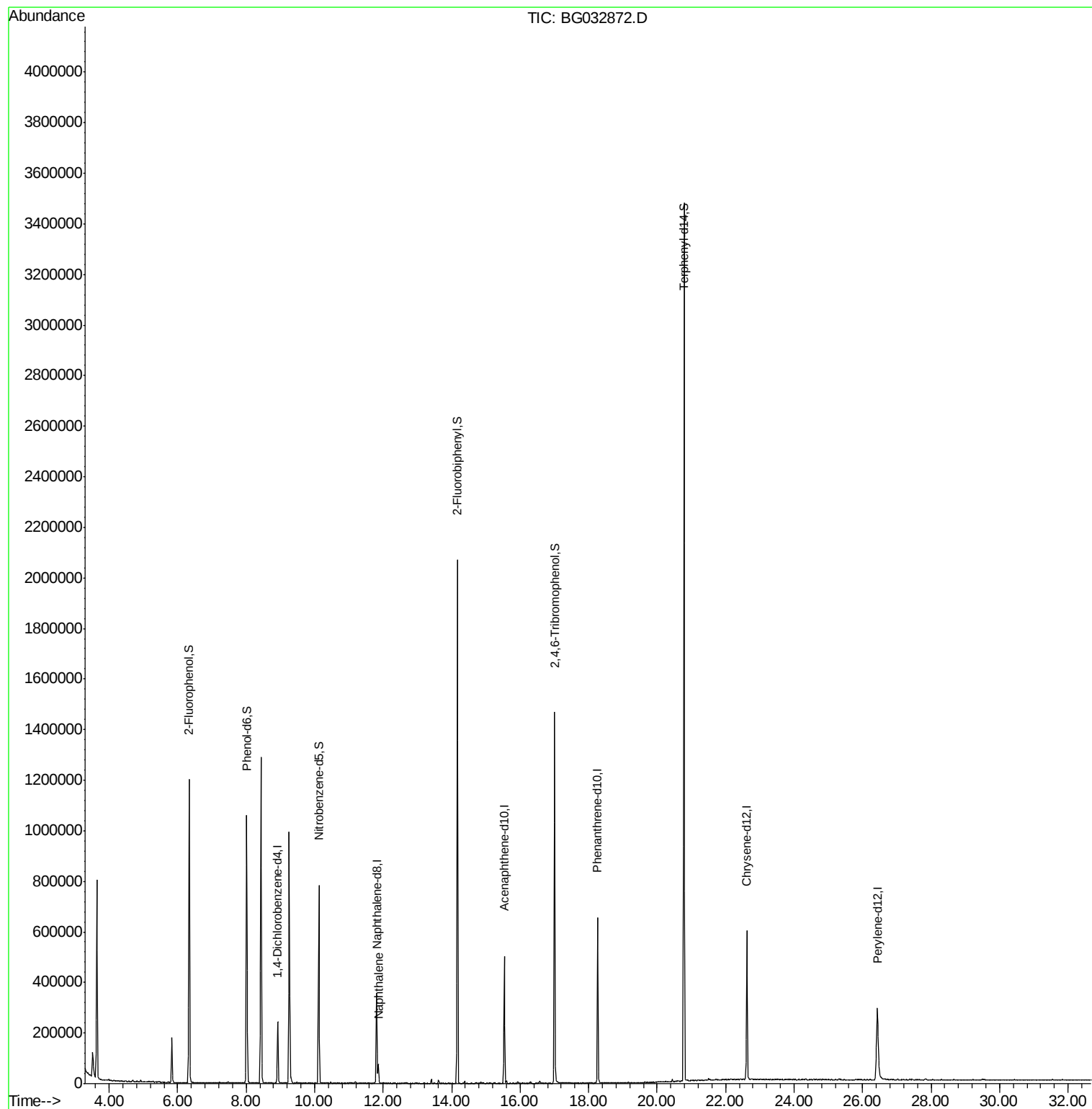
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74663	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	319794	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	179707	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	401528	20.00	ng	0.00
75) Chrysene-d12	22.62	240	371070	20.00	ng	-0.01
86) Perylene-d12	26.43	264	376636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	590943	126.63	ng	0.00
7) Phenol-d6	8.01	99	693669	106.64	ng	0.00
23) Nitrobenzene-d5	10.12	82	500459	105.85	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	260303	137.76	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1074798	86.26	ng	0.00
78) Terphenyl-d14	20.78	244	1551552	93.94	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	68527	4.101	ng	Qvalue 99

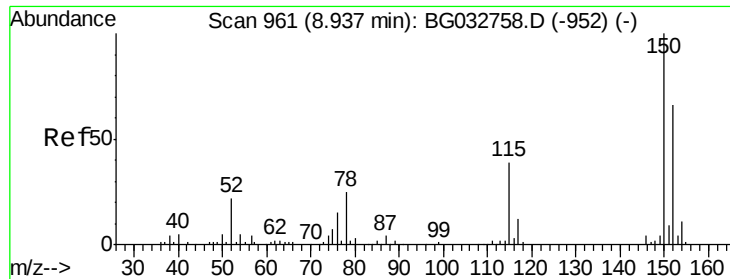
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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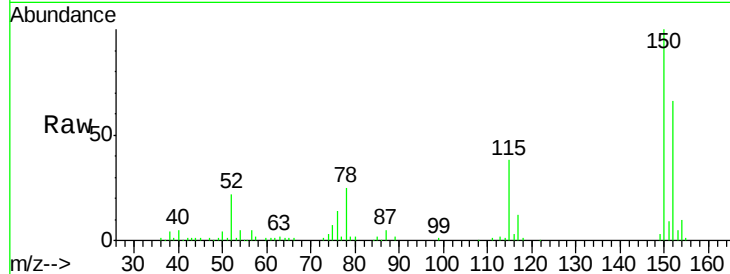


#1

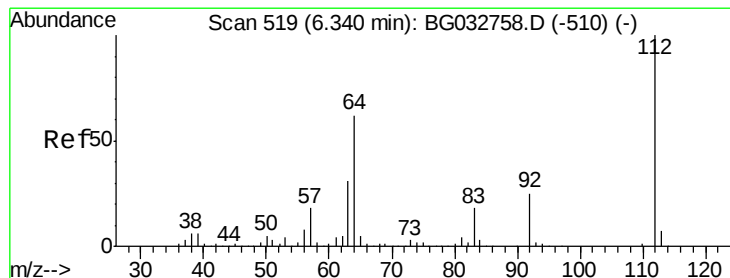
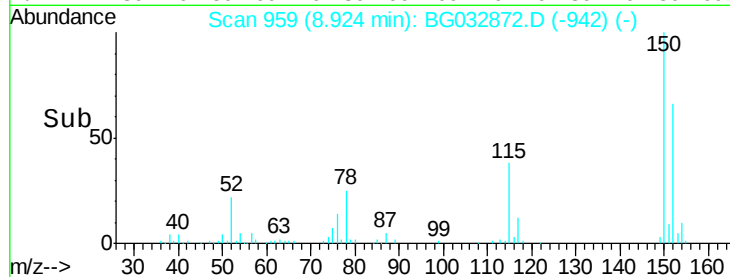
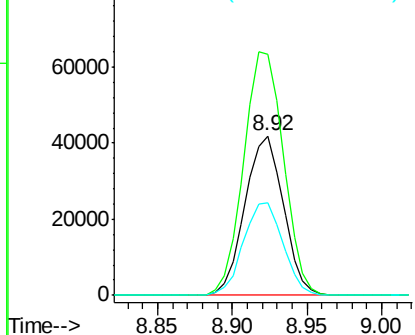
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

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

Tot Ion:152 Resp: 74663
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.6 189.8
 115 58.2 53.0 79.4



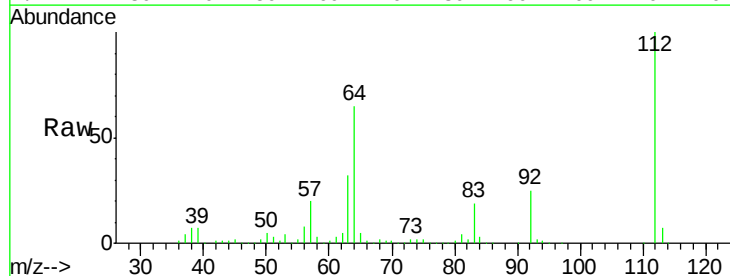
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



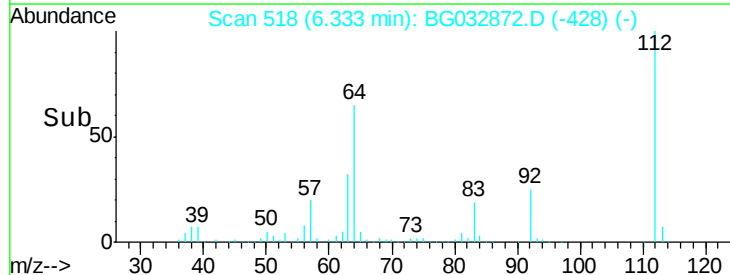
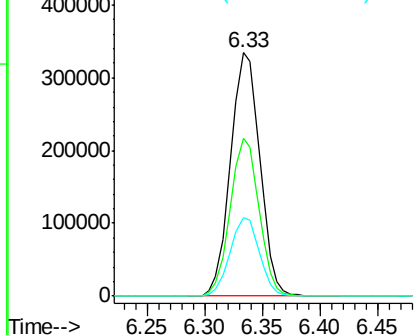
#5

2-Fluorophenol
 Concen: 126.625 ng
 RT: 6.33 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

Tgt Ion:112 Resp: 590943
 Ion Ratio Lower Upper
 112 100
 64 65.1 56.3 84.5
 63 32.2 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: 106.637 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032872.D

Acq: 28 Feb 2018 2:46

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-C

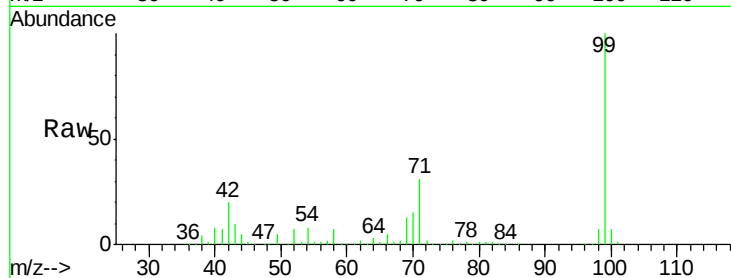
Tot Ion: 99 Resp: 693669

Ion Ratio Lower Upper

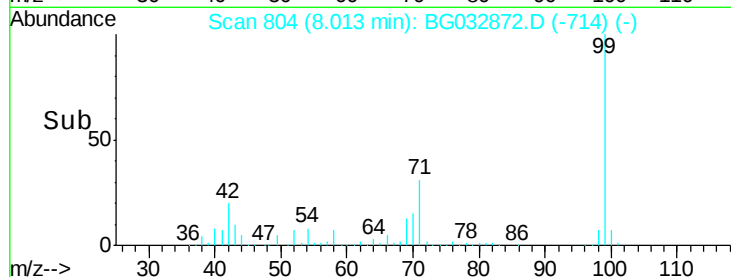
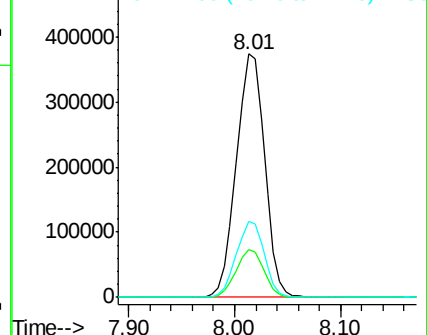
99 100

42 19.7 14.1 21.1

71 31.0 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. -0.00 min

Lab File: BG032872.D

Acq: 28 Feb 2018 2:46

Tgt Ion: 136 Resp: 319794

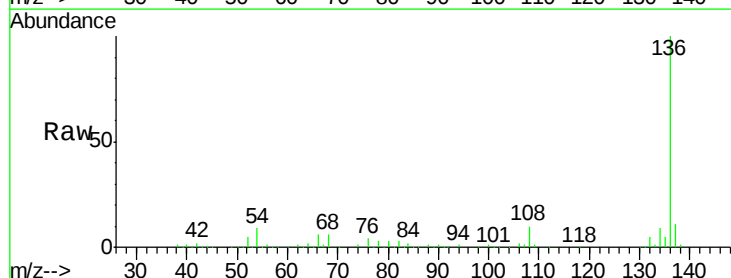
Ion Ratio Lower Upper

136 100

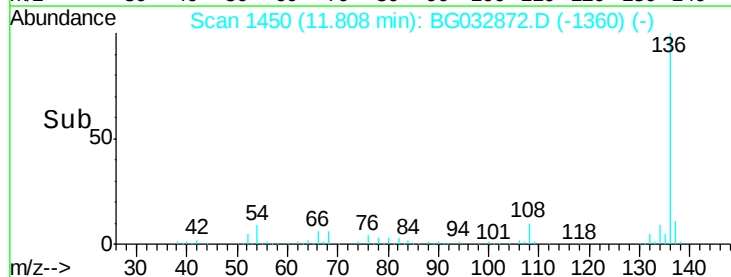
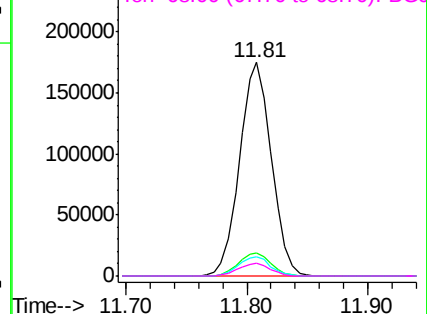
137 10.6 9.2 13.8

54 9.0 10.3 15.5#

68 6.2 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

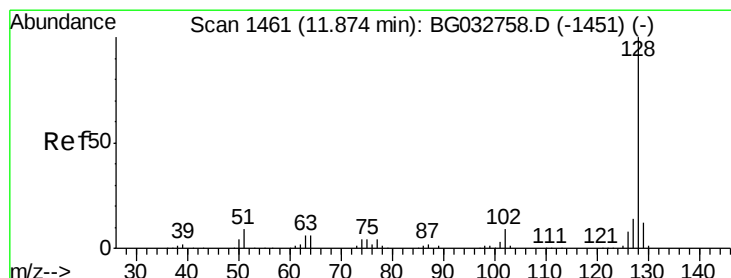
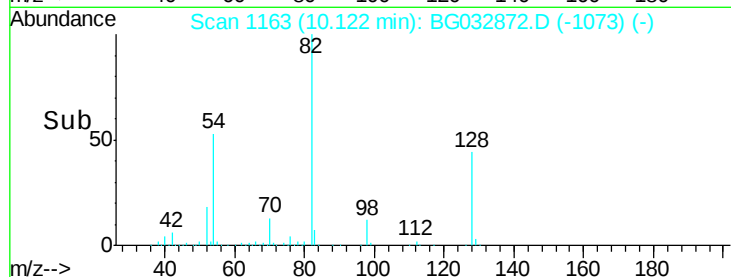
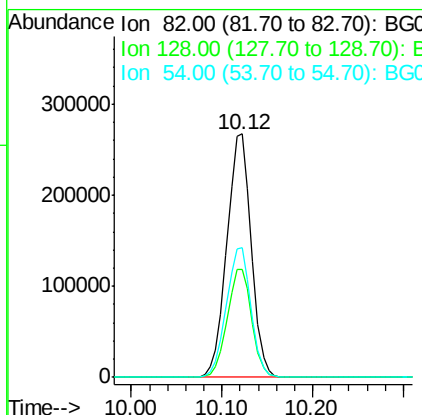
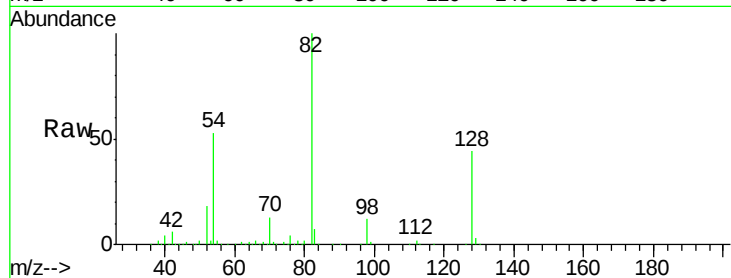




#23
 Nitrobenzene-d5
 Concen: 105.847 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

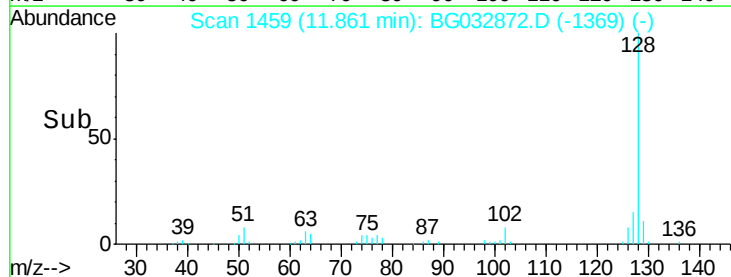
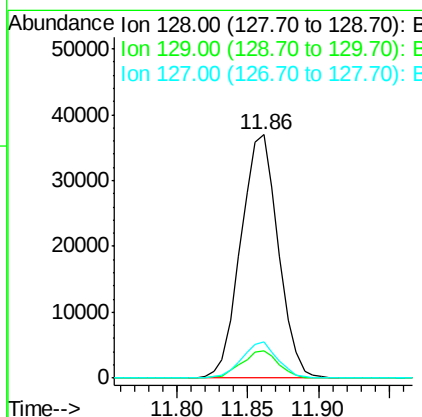
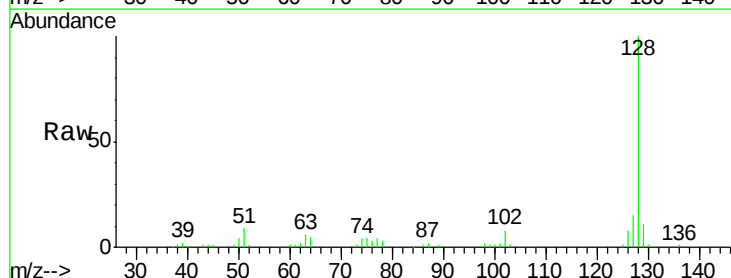
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-022318-C

Tot Ion	82	Resp	500459
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	53.3	43.1	64.7



#31
 Naphthalene
 Concen: 4.101 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

Tgt Ion	128	Resp	68527
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
128	100		
129	11.1	8.6	12.8
127	15.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032872.D

Acq: 28 Feb 2018 2:46

Instrument :

BNA_G

ClientSampleId :

CL-02-022318-C

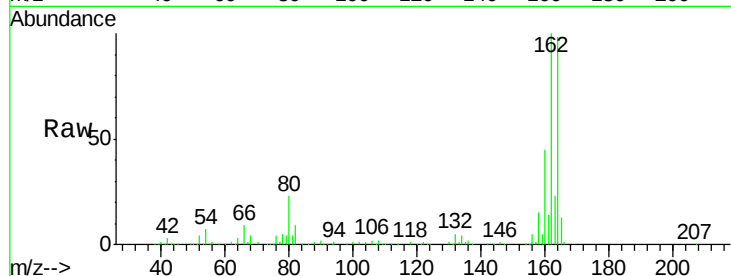
Tot Ion:164 Resp: 179707

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

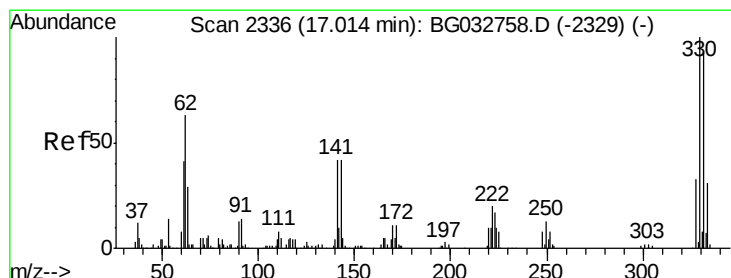
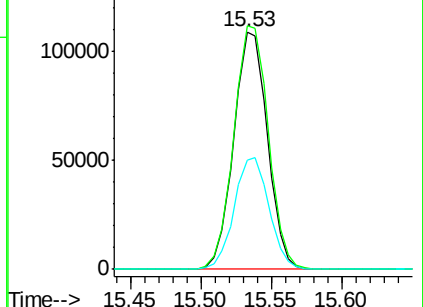
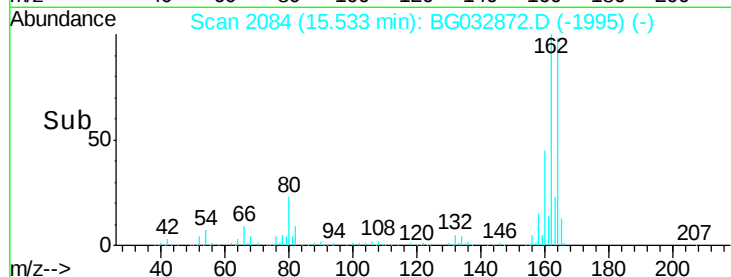
160 46.1 35.4 53.0



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: 137.759 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032872.D

Acq: 28 Feb 2018 2:46

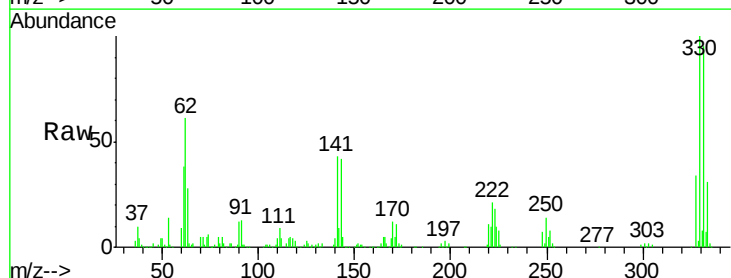
Tgt Ion:330 Resp: 260303

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

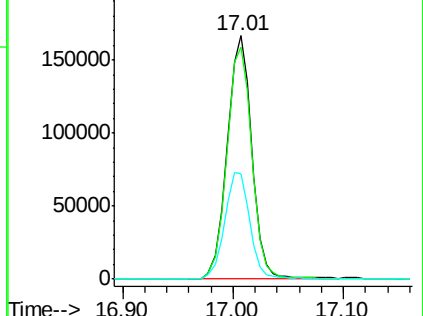
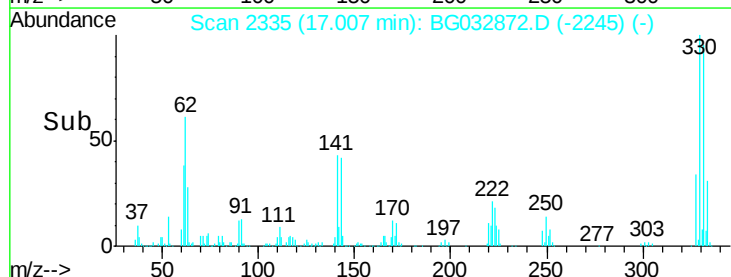
141 45.1 25.2 37.8#

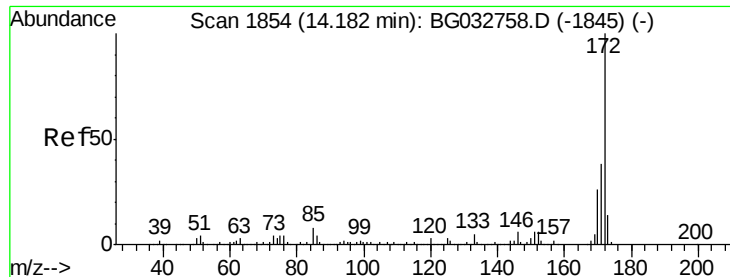


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

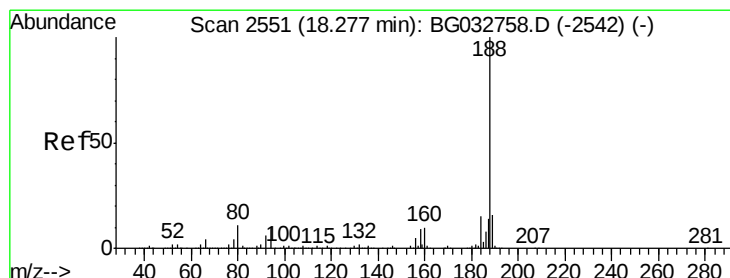
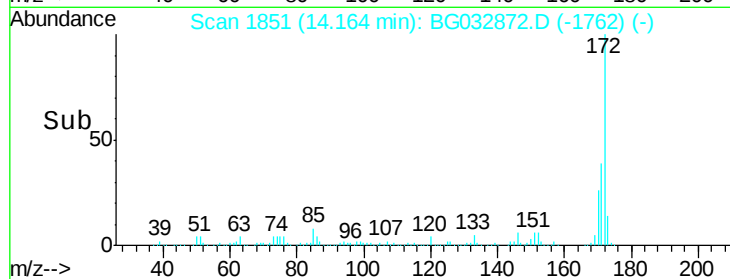
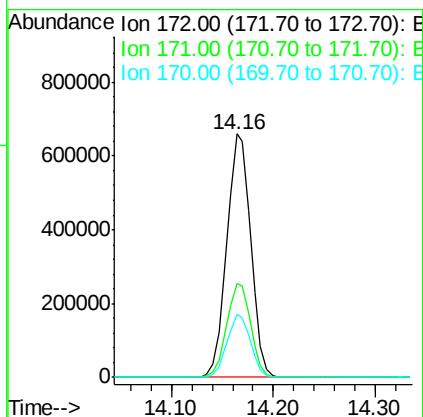
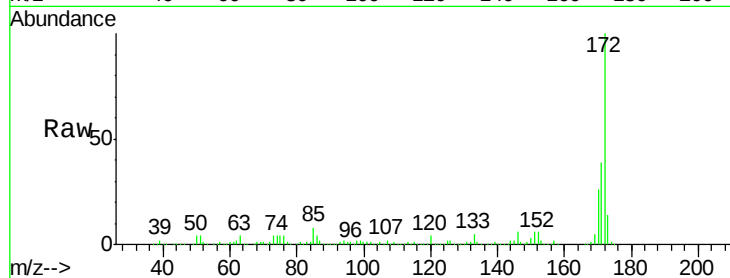




#44
 2-Fluorobiphenyl
 Concen: 86.259 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

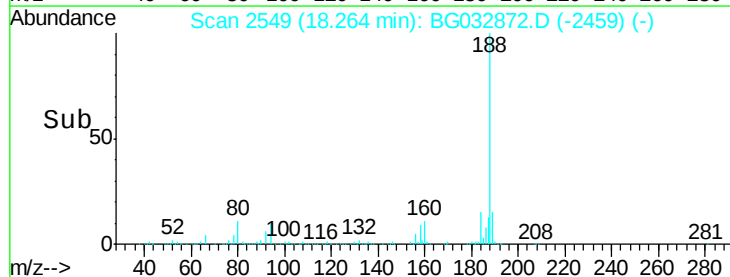
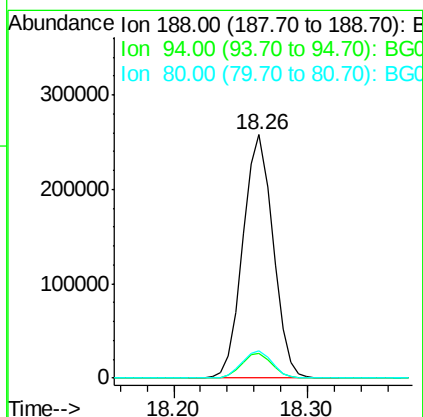
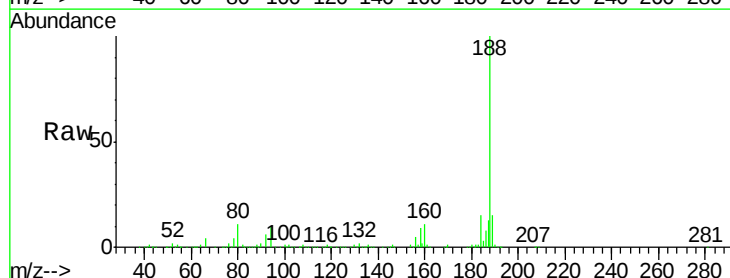
Instrument :
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 CL-02-022318-C

Tot Ion:172 Resp: 1074798
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

Tgt Ion:188 Resp: 401528
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.9 10.3
 80 11.0 7.7 11.5

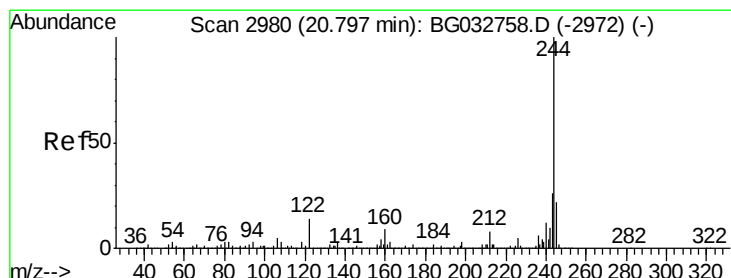
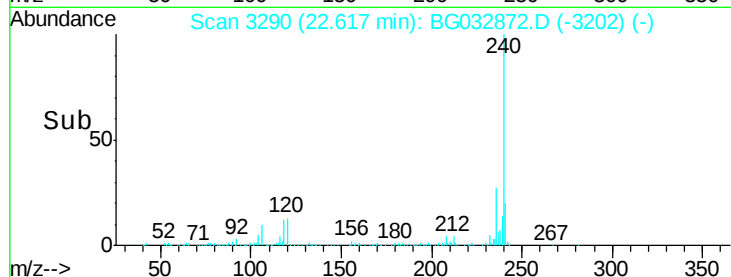
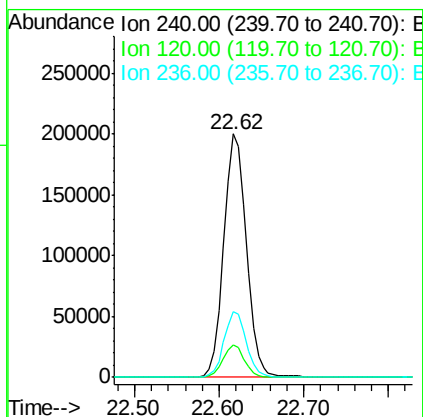
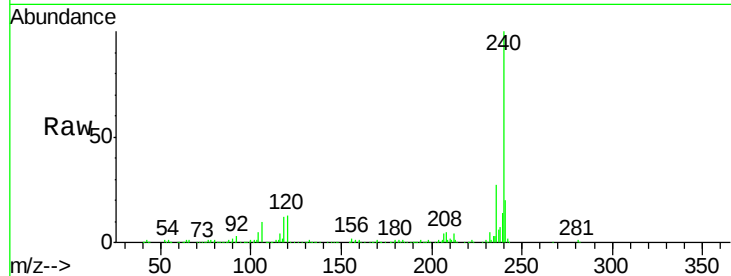




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.01 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

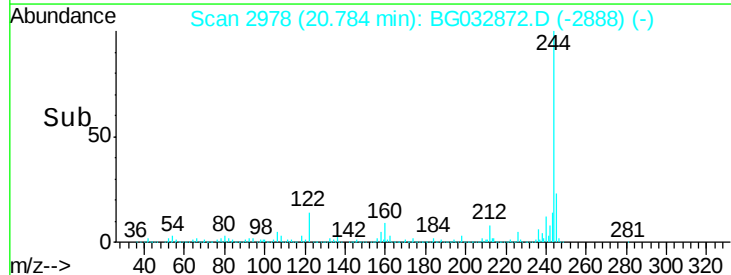
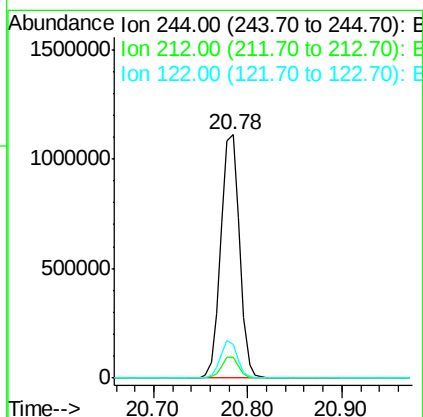
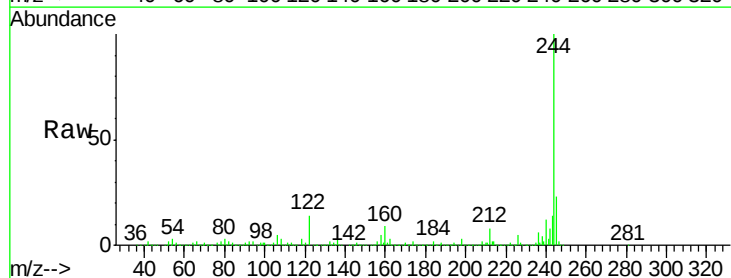
Instrument :
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 ClientSampleId :
 CL-02-022318-C

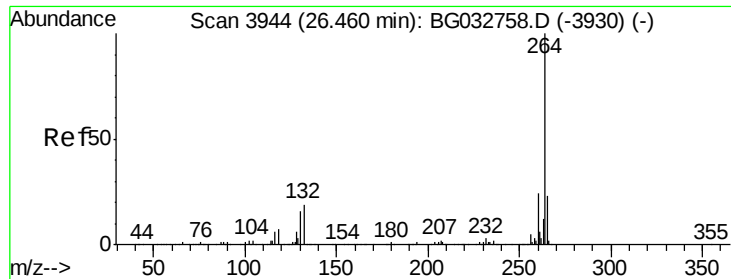
Tot Ion:240 Resp: 371070
 Ion Ratio Lower Upper
 240 100
 120 13.2 6.8 10.2#
 236 26.7 20.9 31.3



#78
 Terphenyl-d14
 Concen: 93.942 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.00 min
 Lab File: BG032872.D
 Acq: 28 Feb 2018 2:46

Tgt Ion:244 Resp: 1551552
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 14.0 7.0 10.4#

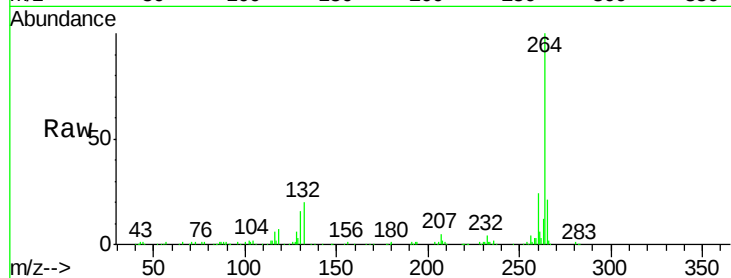




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032872.D
Acq: 28 Feb 2018 2:46

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.3	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

