

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032676.D
 Acq On : 14 Feb 2018 3:53
 Operator : SJ/JU
 Sample : J1397-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-C

Quant Time: Feb 14 06:35:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

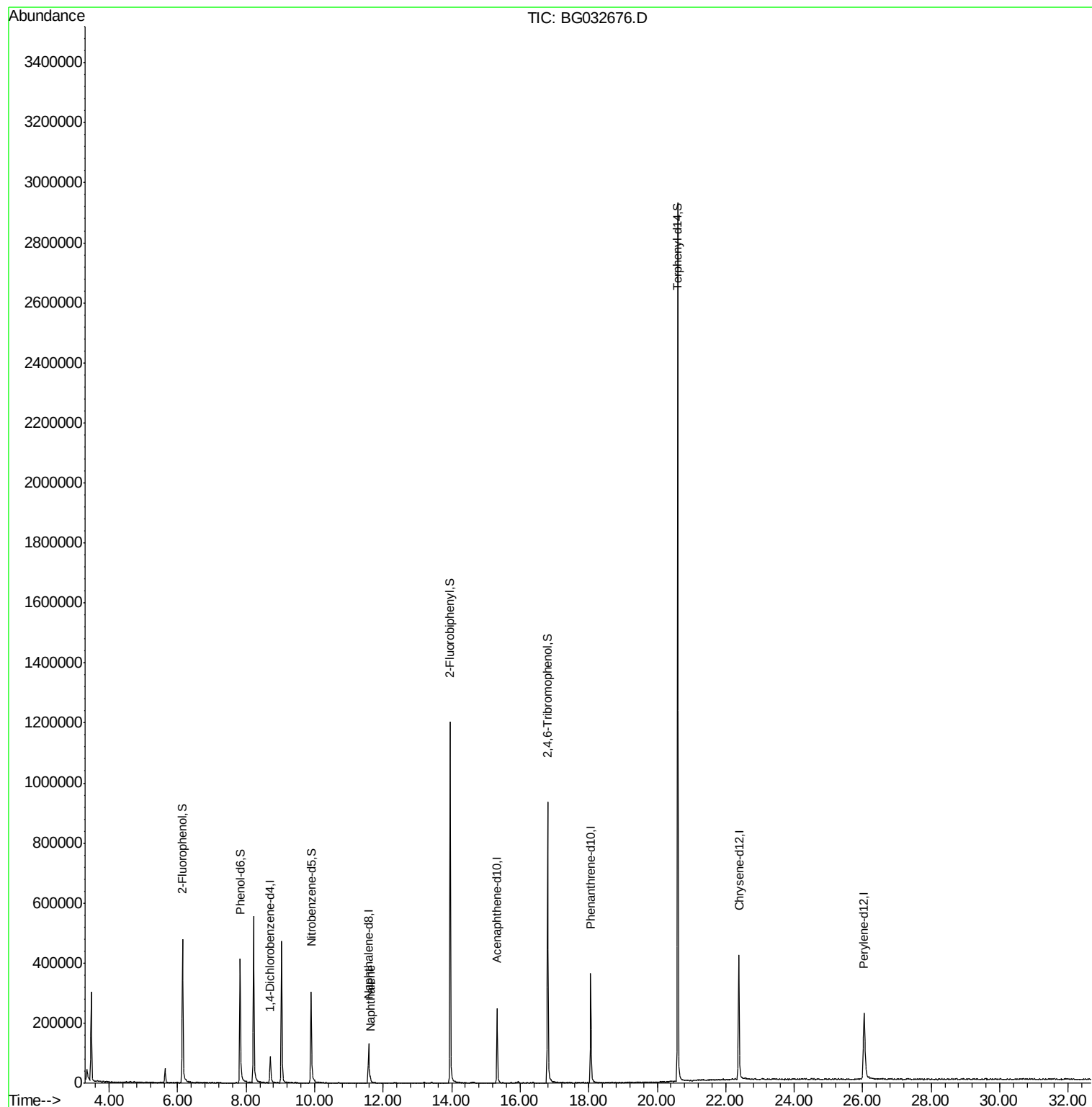
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	34309	20.00	ng	0.03
21) Naphthalene-d8	11.57	136	138041	20.00	ng	0.03
38) Acenaphthene-d10	15.32	164	102430	20.00	ng	0.01
63) Phenanthrene-d10	18.06	188	283461	20.00	ng	0.01
75) Chrysene-d12	22.38	240	358862	20.00	ng	0.01
86) Perylene-d12	26.05	264	350760	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	250906	146.73	ng	0.03
7) Phenol-d6	7.82	99	271249	116.00	ng	0.03
23) Nitrobenzene-d5	9.89	82	217498	100.14	ng	0.02
41) 2,4,6-Tribromophenol	16.80	330	222209	140.89	ng	0.01
44) 2-Fluorobiphenyl	13.95	172	759509	92.73	ng	0.02
78) Terphenyl-d14	20.60	244	1568378	99.61	ng	0.01
Target Compounds						
31) Naphthalene	11.62	128	18429	2.749	ng	Qvalue # 89

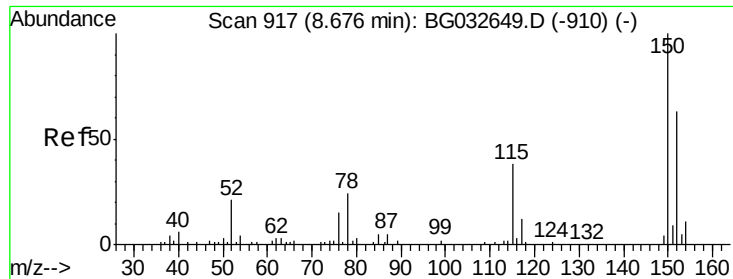
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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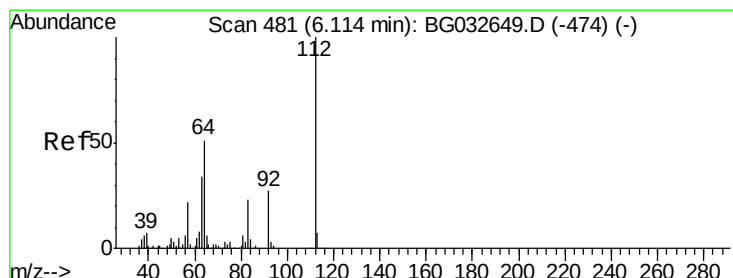
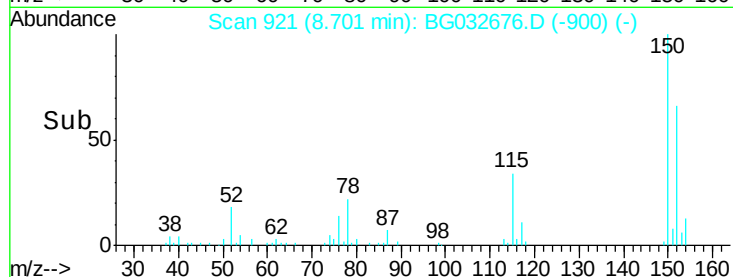
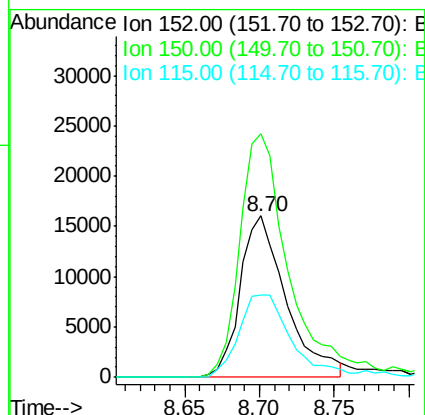
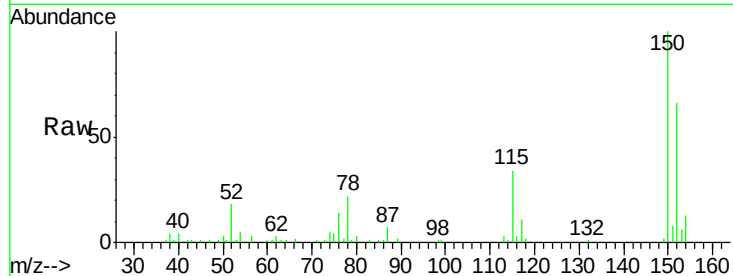


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 921
Delta R.T. 0.03 min
Lab File: BG032676.D
Acq: 14 Feb 2018 3:53

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-C

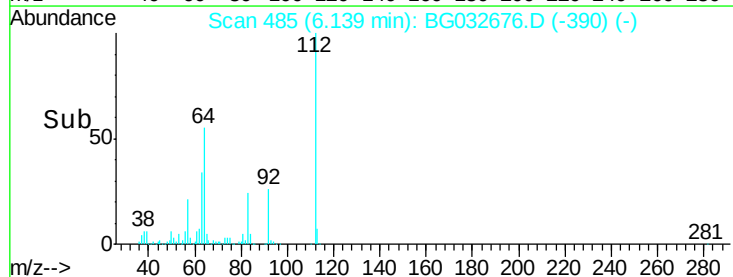
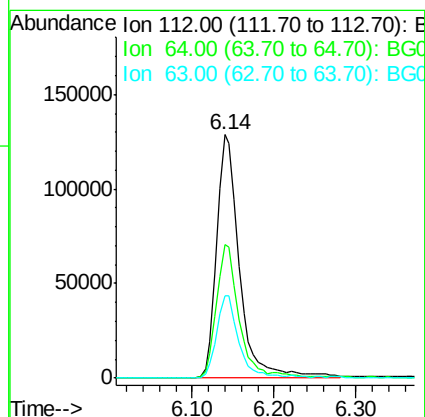
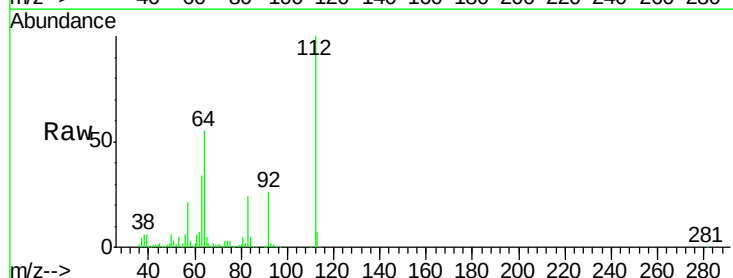
Tot Ion:152 Resp: 34309
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 51.2 53.0 79.4#

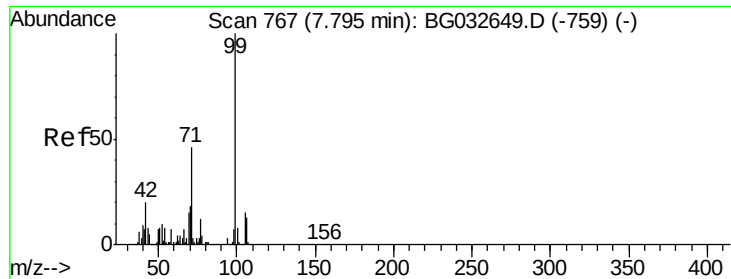


#5

2-Fluorophenol
Concen: 146.727 ng
RT: 6.14 min Scan# 485
Delta R.T. 0.03 min
Lab File: BG032676.D
Acq: 14 Feb 2018 3:53

Tgt Ion:112 Resp: 250906
Ion Ratio Lower Upper
112 100
64 55.0 56.3 84.5#
63 33.9 30.1 45.1





#7

Phenol-d6

Concen: 116.004 ng

RT: 7.82 min Scan# 771

Delta R.T. 0.03 min

Lab File: BG032676.D

Acq: 14 Feb 2018 3:53

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-C

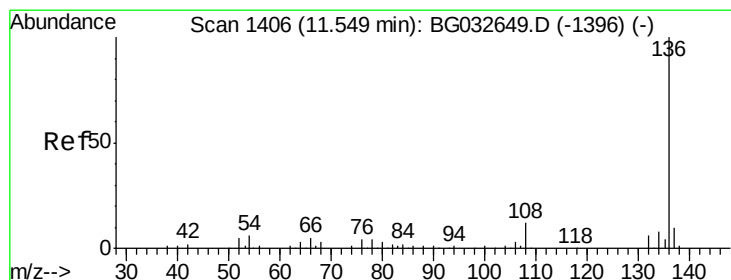
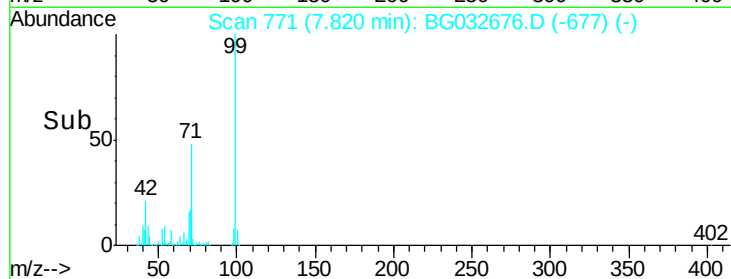
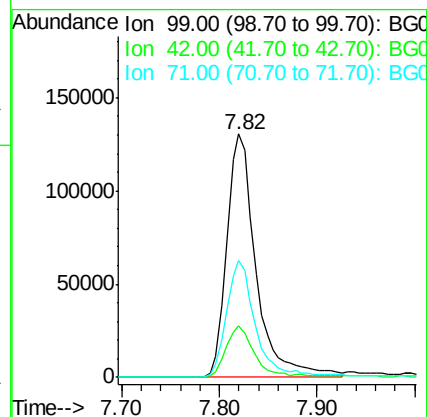
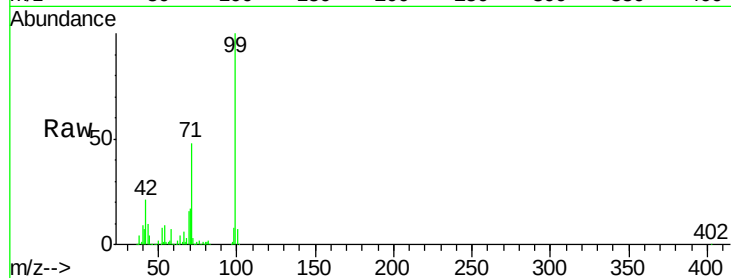
Tot Ion: 99 Resp: 271249

Ion Ratio Lower Upper

99 100

42 21.4 14.1 21.1#

71 47.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.57 min Scan# 1410

Delta R.T. 0.03 min

Lab File: BG032676.D

Acq: 14 Feb 2018 3:53

Tgt Ion: 136 Resp: 138041

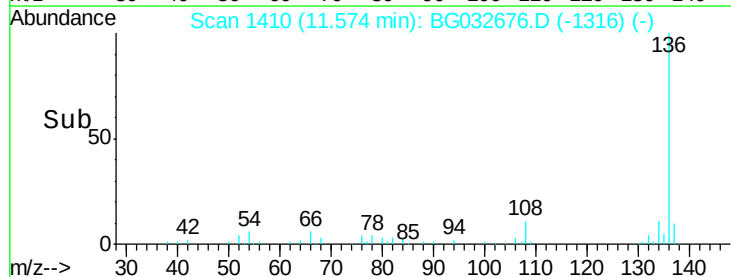
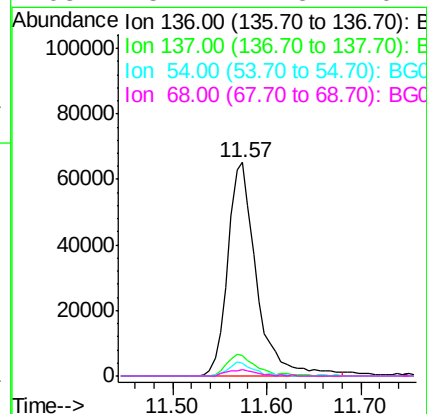
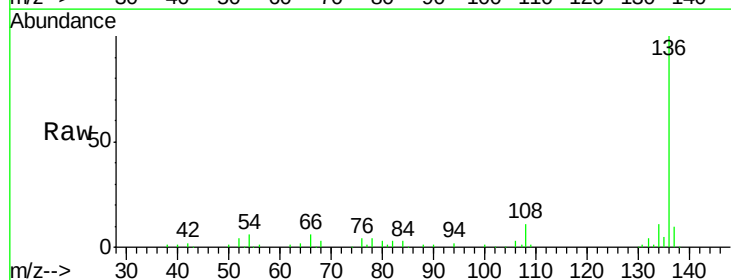
Ion Ratio Lower Upper

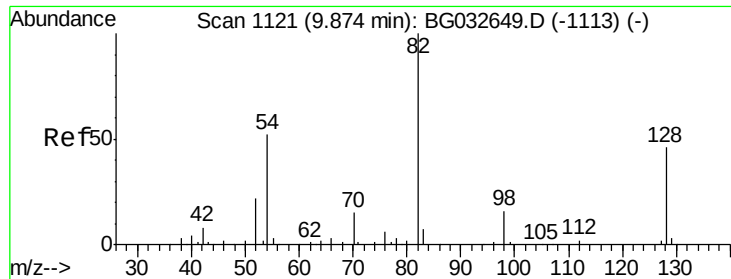
136 100

137 9.6 9.2 13.8

54 6.4 10.3 15.5#

68 3.1 4.5 6.7#

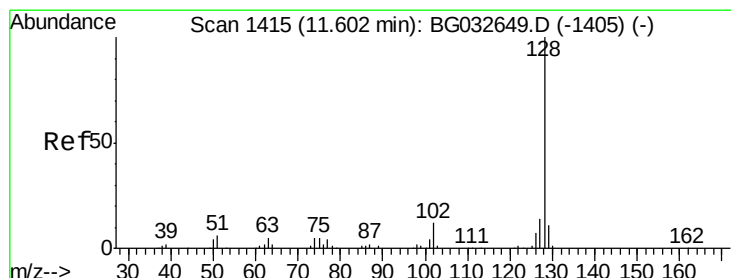
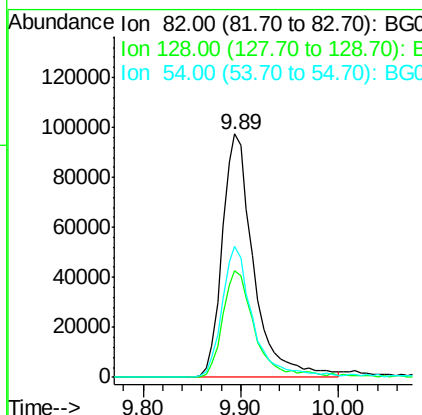
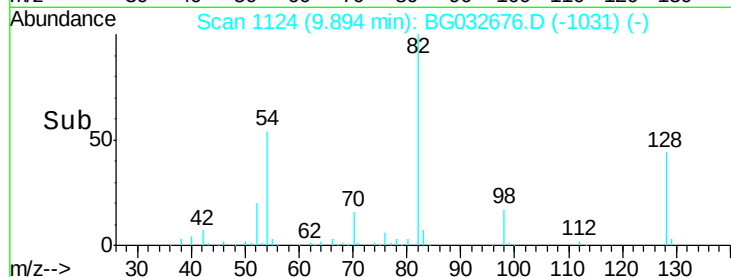
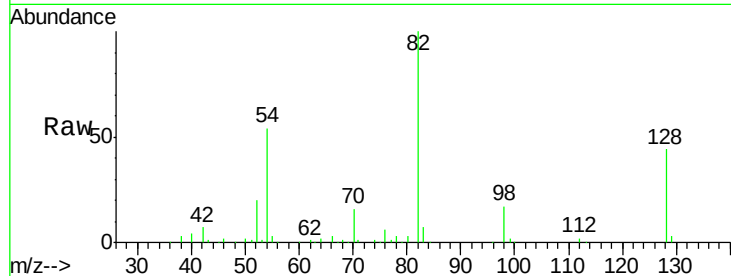




#23
 Nitrobenzene-d5
 Concen: 100.138 ng
 RT: 9.89 min Scan# 1124
 Delta R.T. 0.02 min
 Lab File: BG032676.D
 Acq: 14 Feb 2018 3:53

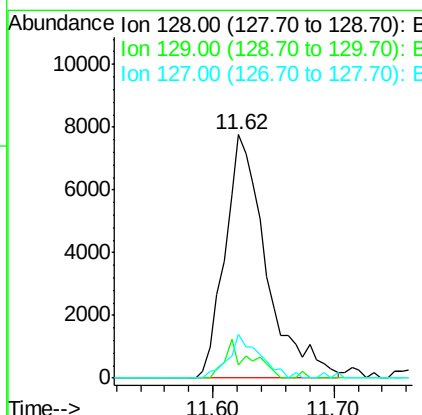
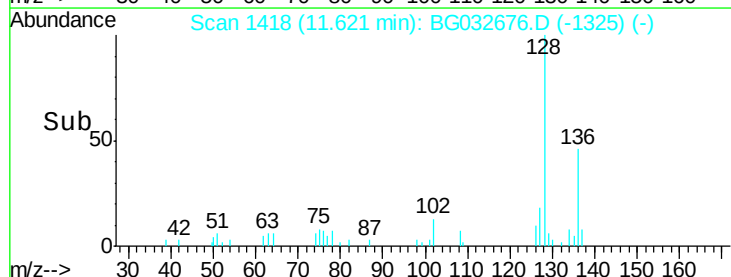
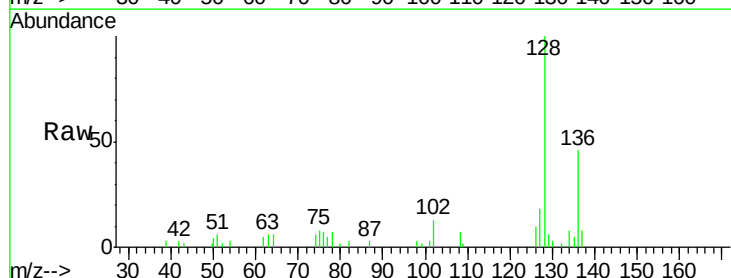
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-C

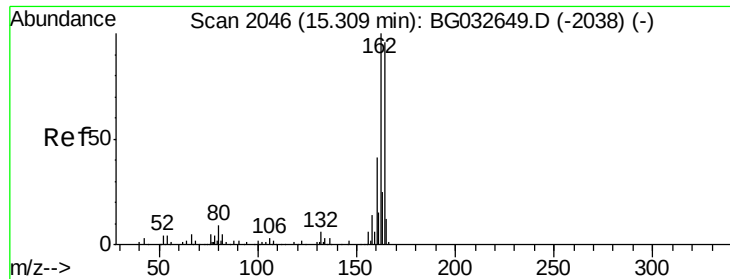
Tot Ion	82	Resp	217498
Ion Ratio	100	Lower	Upper
128	44.1	29.7	44.5
54	53.8	43.1	64.7



#31
 Naphthalene
 Concen: 2.749 ng
 RT: 11.62 min Scan# 1418
 Delta R.T. 0.02 min
 Lab File: BG032676.D
 Acq: 14 Feb 2018 3:53

Tgt Ion	128	Resp	18429
Ion Ratio	100	Lower	Upper
129	5.6	8.6	12.8#
127	18.0	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.32 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG032676.D

Acq: 14 Feb 2018 3:53

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-C

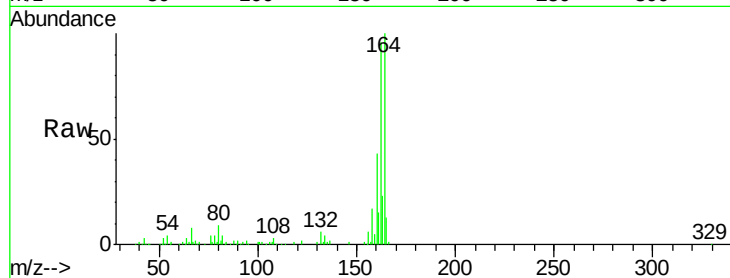
Tot Ion:164 Resp: 102430

Ion Ratio Lower Upper

164 100

162 96.5 78.8 118.2

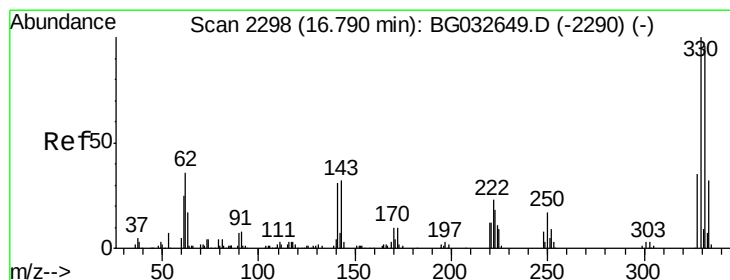
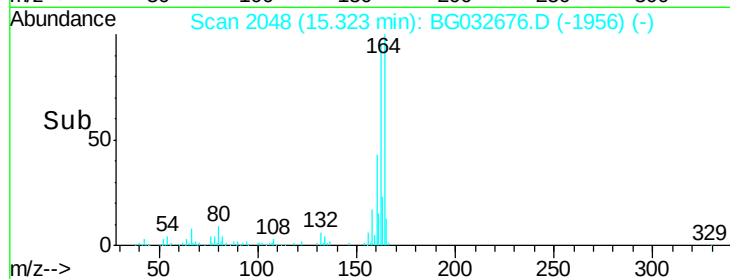
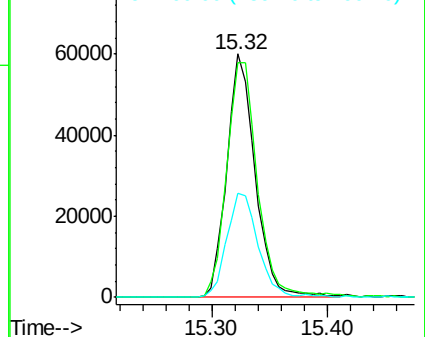
160 42.8 35.4 53.0



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: 140.888 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BG032676.D

Acq: 14 Feb 2018 3:53

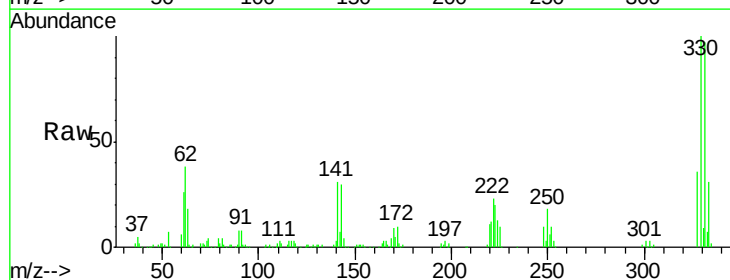
Tgt Ion:330 Resp: 222209

Ion Ratio Lower Upper

330 100

332 92.6 77.0 115.6

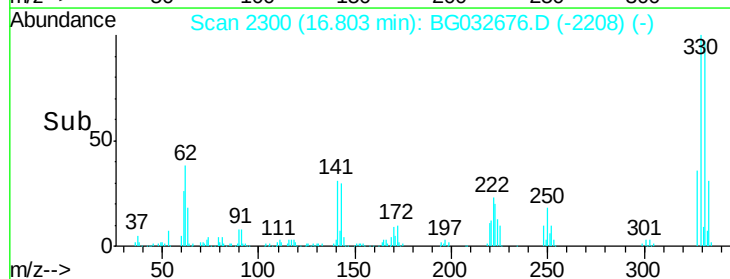
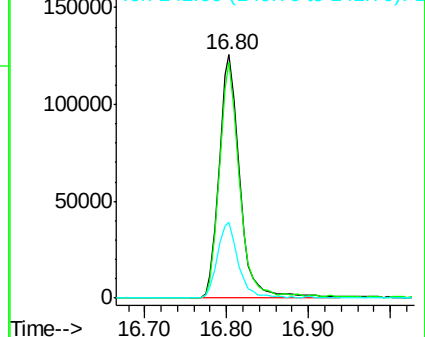
141 31.5 25.2 37.8

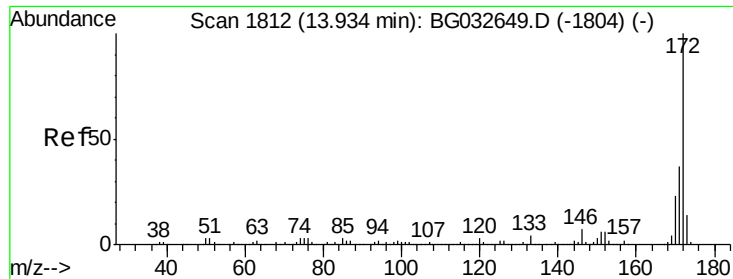


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

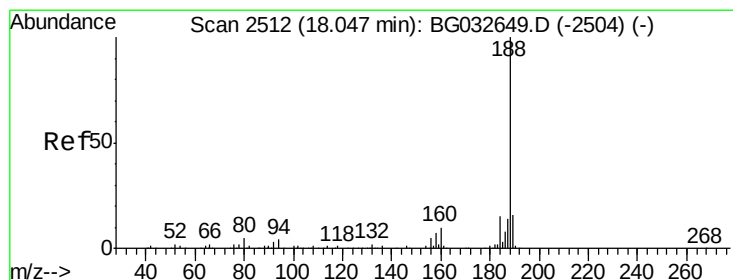
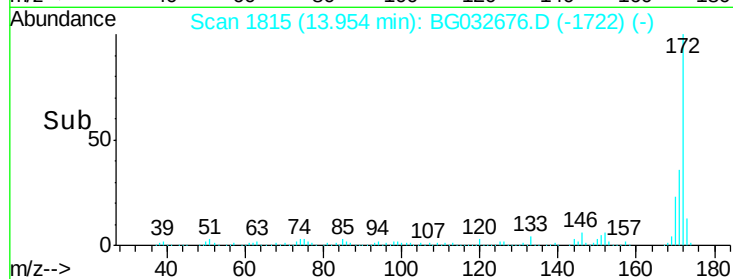
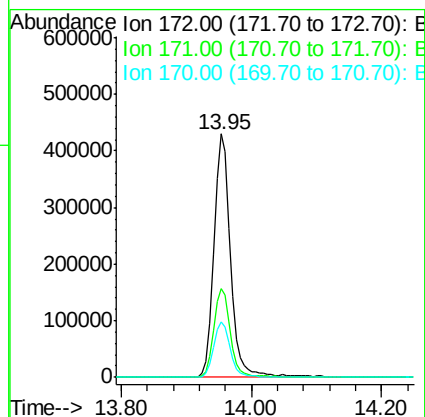
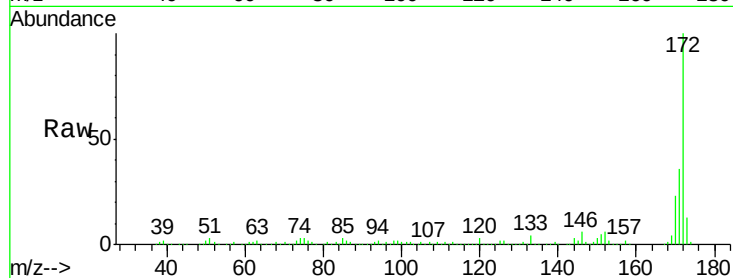




#44
 2-Fluorobiphenyl
 Concen: 92.725 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. 0.02 min
 Lab File: BG032676.D
 Acq: 14 Feb 2018 3:53

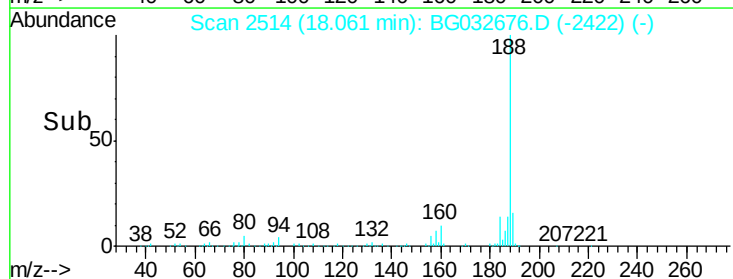
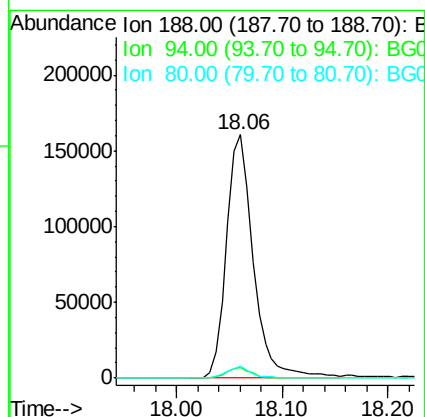
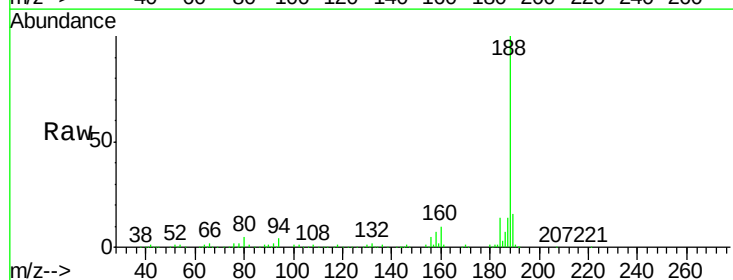
Instrument :
 BNA_G
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 CL-01-021218-C

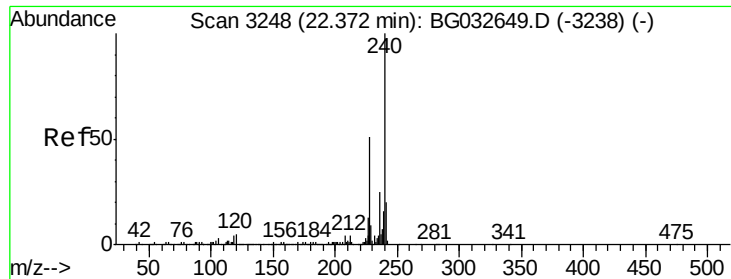
Tot Ion:172 Resp: 759509
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 23.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.06 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BG032676.D
 Acq: 14 Feb 2018 3:53

Tgt Ion:188 Resp: 283461
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.38 min Scan# 3250

Delta R.T. 0.01 min

Lab File: BG032676.D

Acq: 14 Feb 2018 3:53

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-C

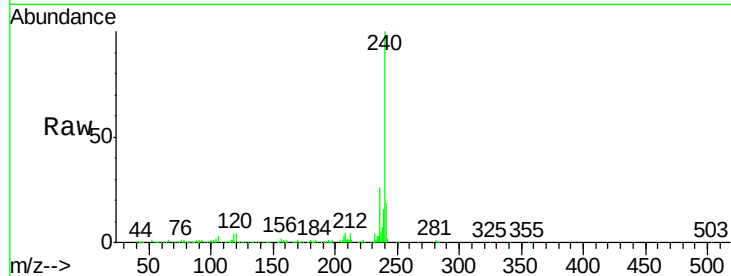
Tot Ion:240 Resp: 358862

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

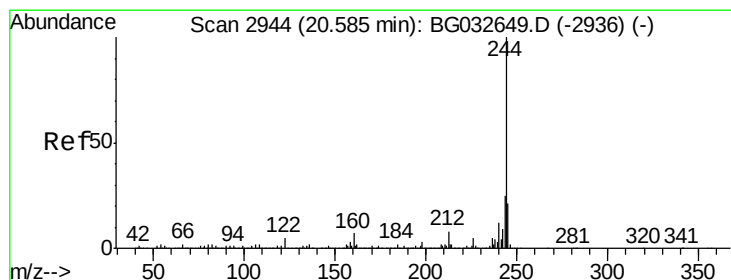
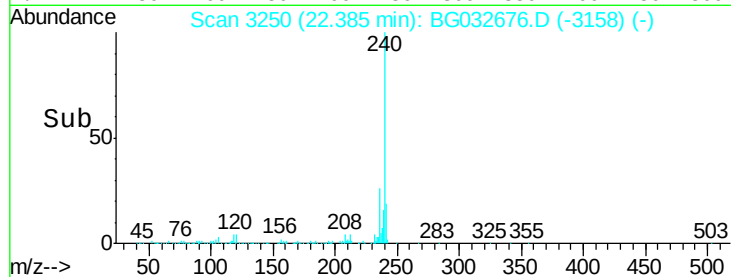
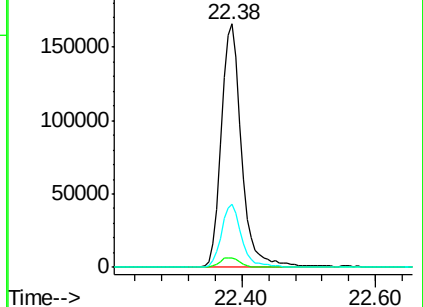
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 99.611 ng

RT: 20.60 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG032676.D

Acq: 14 Feb 2018 3:53

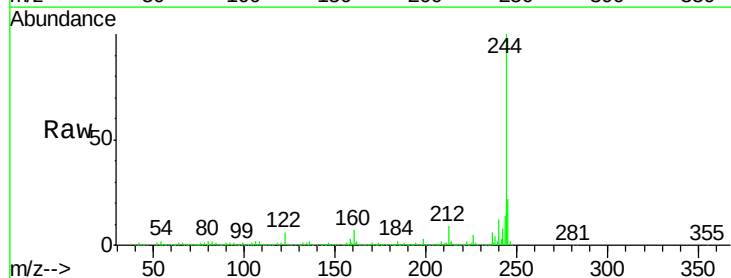
Tgt Ion:244 Resp: 1568378

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

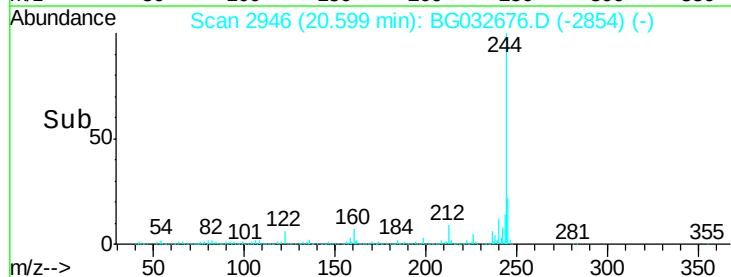
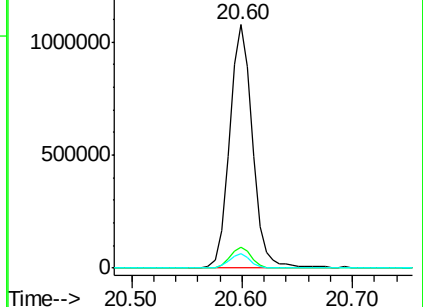
122 5.9 7.0 10.4#

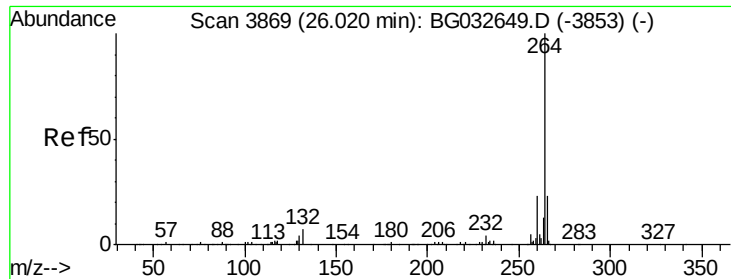


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.05 min Scan# 3873
Delta R.T. 0.03 min
Lab File: BG032676.D
Acq: 14 Feb 2018 3:53

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-C

Tot Ion: 264 Resp: 350760

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.3	17.7	26.5

