

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031922.D
 Acq On : 4 Jan 2018 19:21
 Operator : SJ/JU
 Sample : J1025-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:12:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

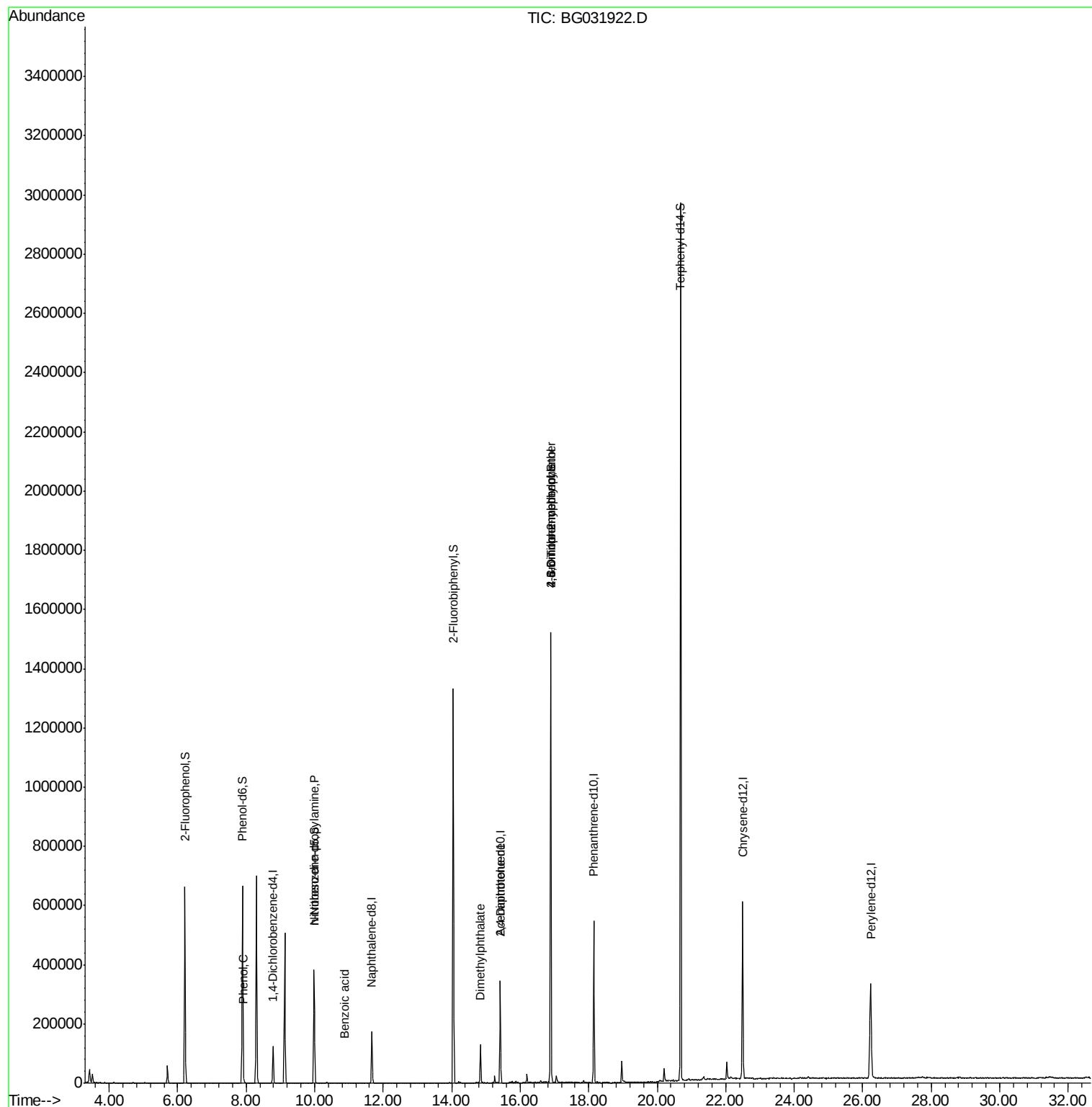
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	43755	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	178431	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	130925	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	368708	20.00	ng	0.00
75) Chrysene-d12	22.49	240	440869	20.00	ng	-0.02
86) Perylene-d12	26.23	264	432965	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	356756	148.51	ng	0.00
7) Phenol-d6	7.89	99	465444	149.23	ng	0.00
23) Nitrobenzene-d5	9.98	82	242937	102.81	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	354481	177.44	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	830790	79.65	ng	0.00
78) Terphenyl-d14	20.69	244	1647928	85.40	ng	0.00
Target Compounds						
10) Phenol	7.92	94	18454	5.860	ng	92
19) n-Nitroso-di-n-propylamine	9.98	70	32511	15.263	ng	# 71
32) Benzoic acid	10.89	122	84	6.734	ng	# 1
49) Dimethylphthalate	14.84	163	97938	8.491	ng	# 97
56) 2,4-Dinitrotoluene	15.42	165	17065	6.255	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	937	8.738	ng	# 43
66) 4-Bromophenyl-phenylether	16.89	248	28476	5.341	ng	# 1

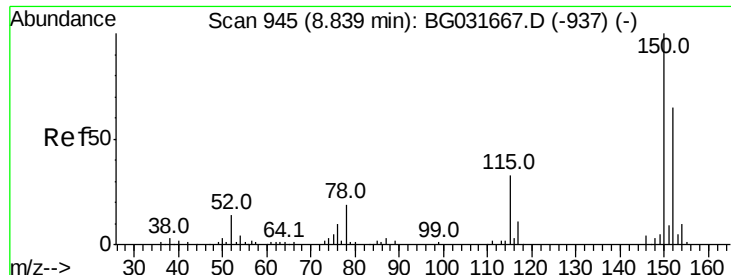
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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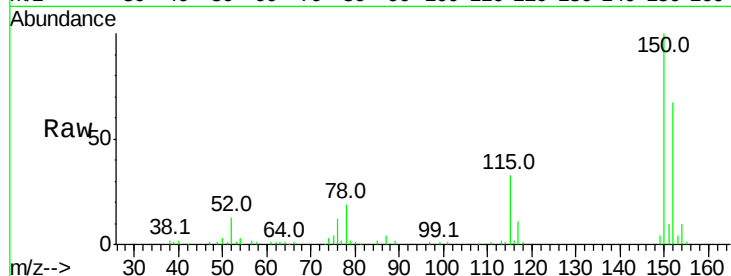


#1

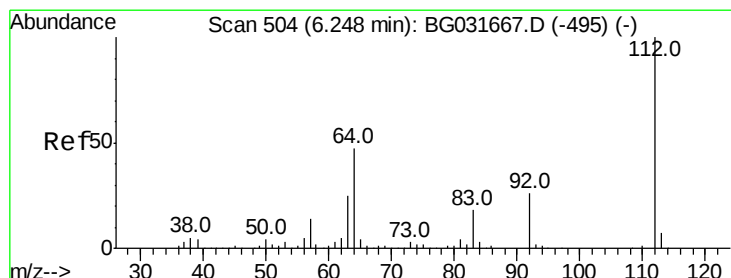
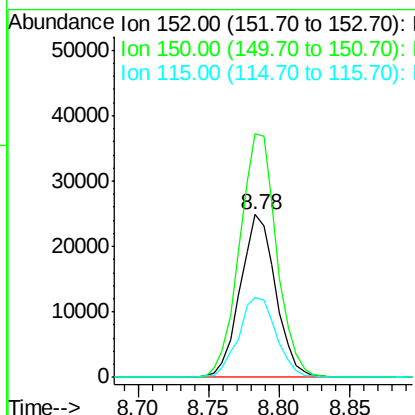
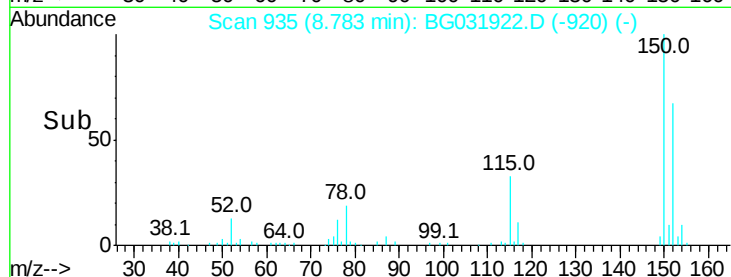
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43755
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 48.8 53.0 79.4#



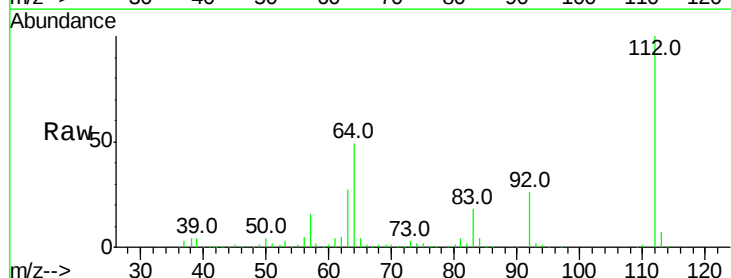
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



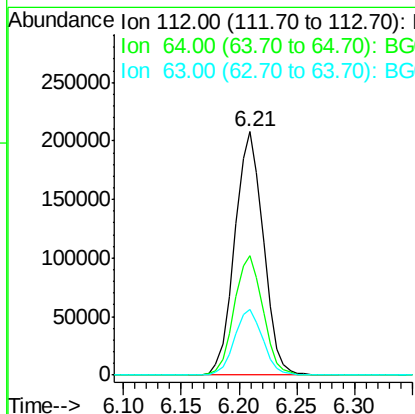
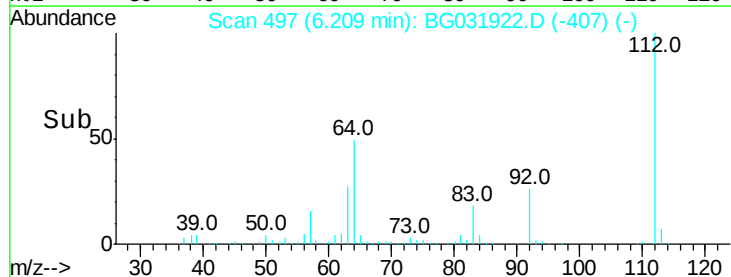
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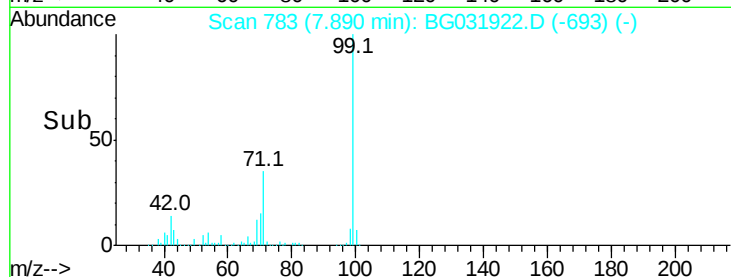
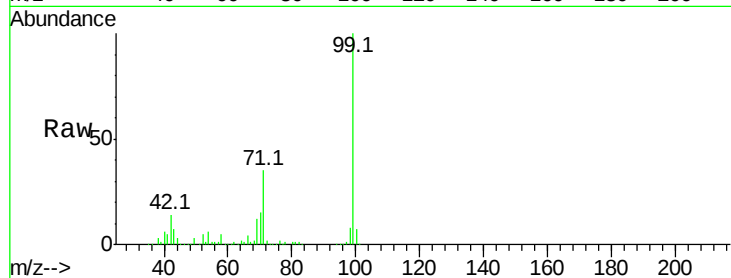
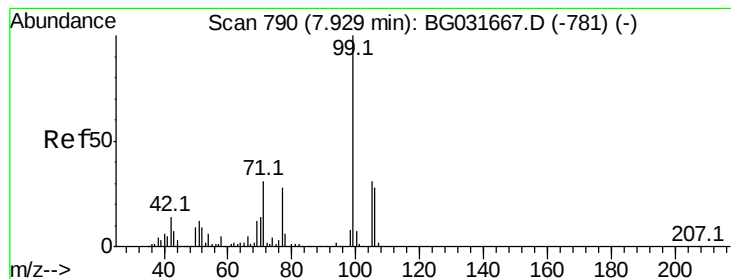
2-Fluorophenol
Concen: 148.506 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

Tgt Ion:112 Resp: 356756
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 27.1 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: 149.230 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031922.D

Acq: 4 Jan 2018 19:21

Instrument :

BNA_G

ClientSampleId :

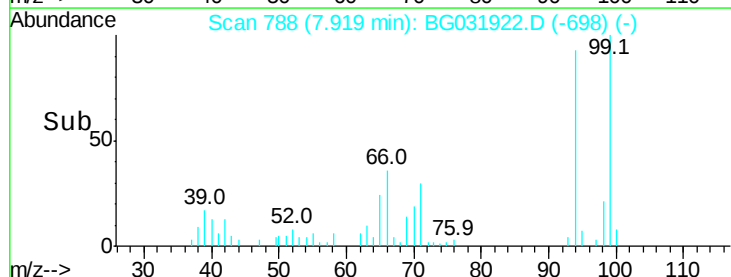
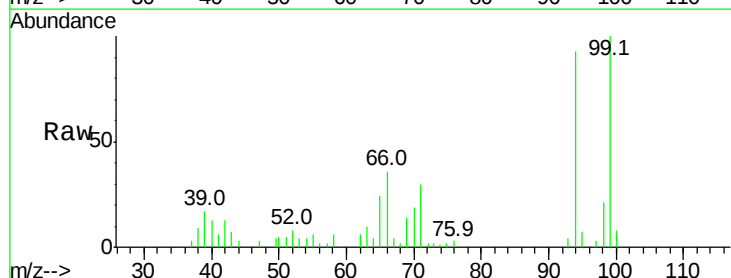
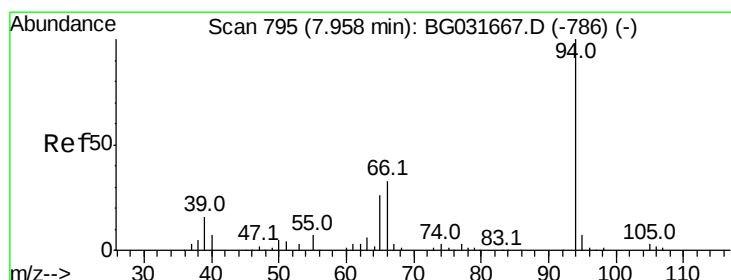
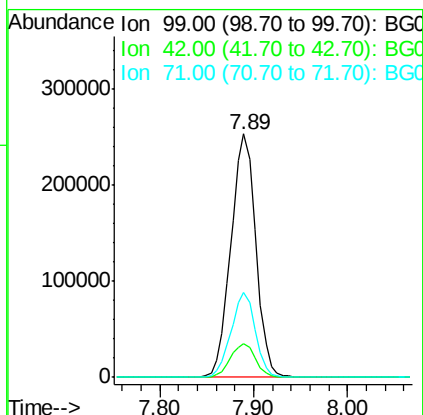
Tot Ion: 99 Resp: 465444

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

71 34.7 26.1 39.1



#10

Phenol

Concen: 5.860 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031922.D

Acq: 4 Jan 2018 19:21

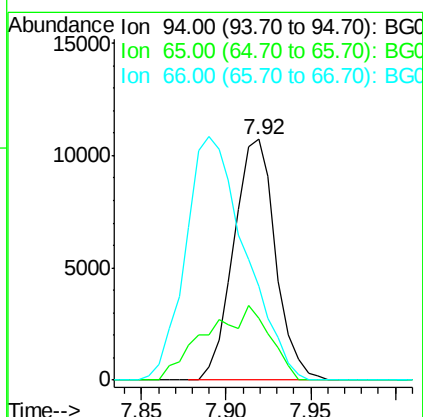
Tgt Ion: 94 Resp: 18454

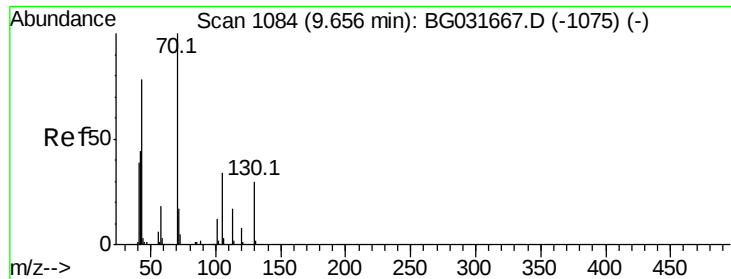
Ion Ratio Lower Upper

94 100

65 25.6 11.9 51.9

66 38.9 22.2 62.2

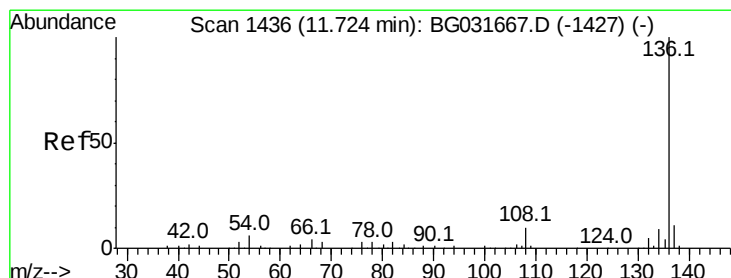
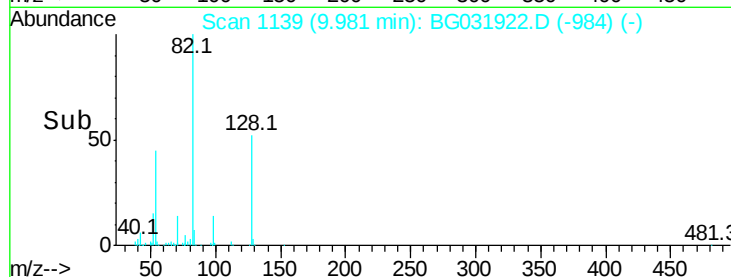
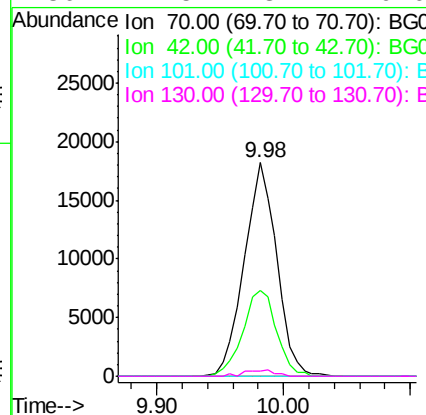
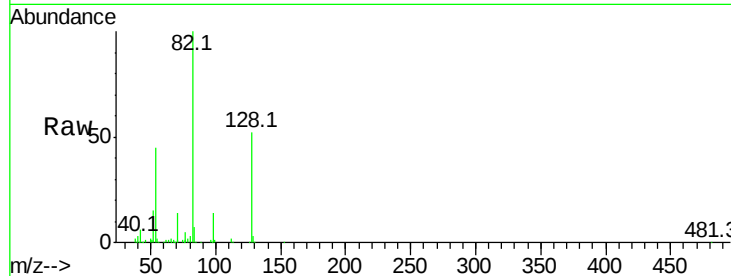




#19
n-Nitroso-di-n-propylamine
Concen: 15.263 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

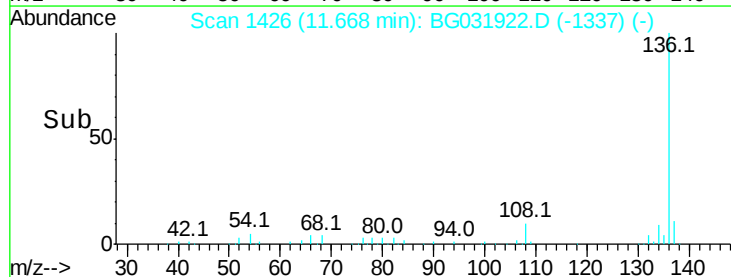
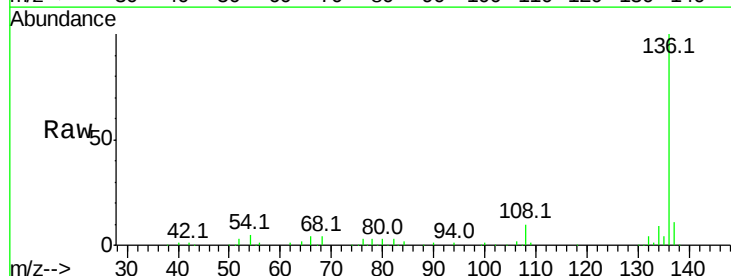
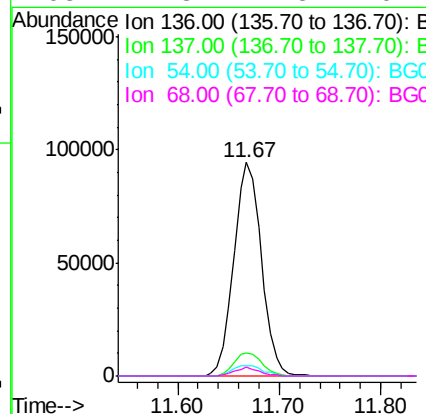
Instrument :
BNA_G
ClientSampleId :

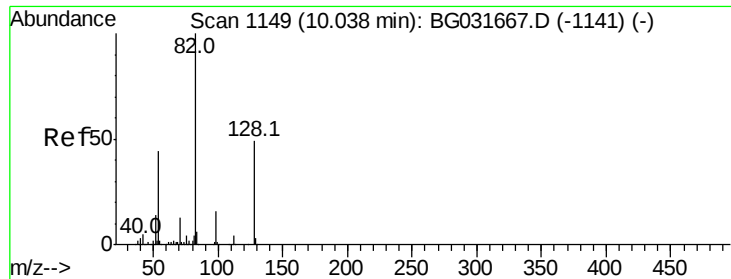
Tot Ion: 70 Resp: 32511
Ion Ratio Lower Upper
70 100
42 40.1 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

Tgt Ion: 136 Resp: 178431
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 4.7 10.3 15.5#
68 4.3 4.5 6.7#

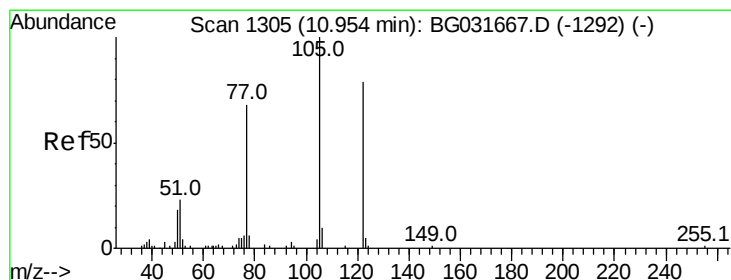
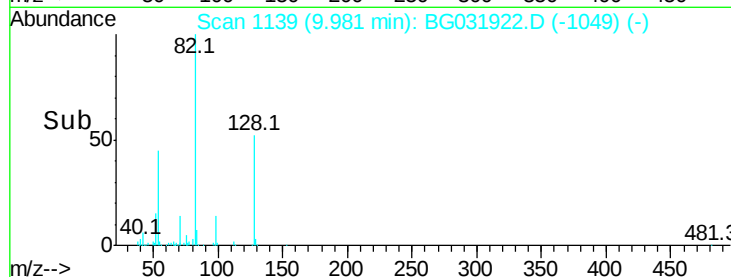
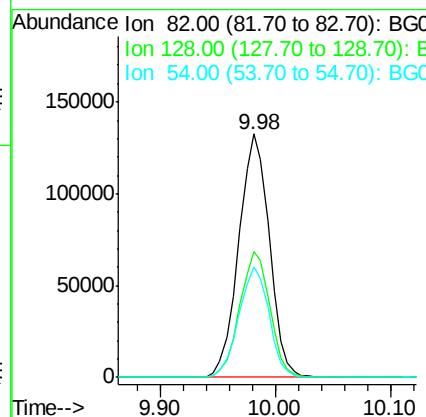
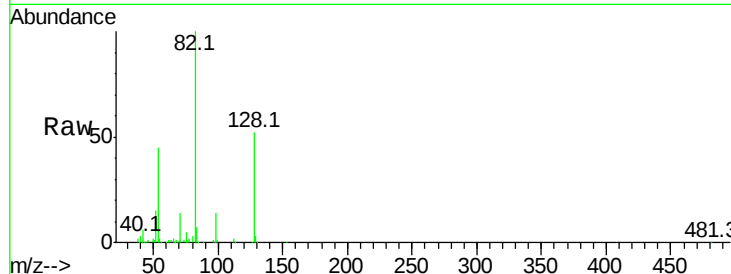




#23
Nitrobenzene-d5
Concen: 102.811 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

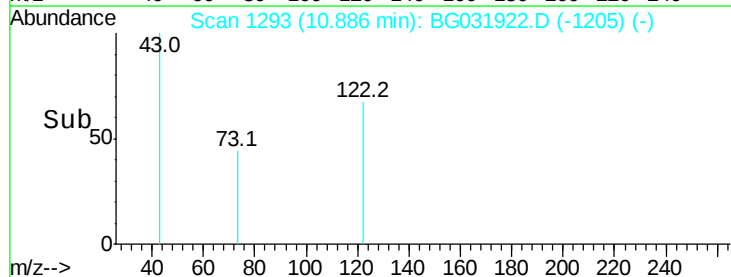
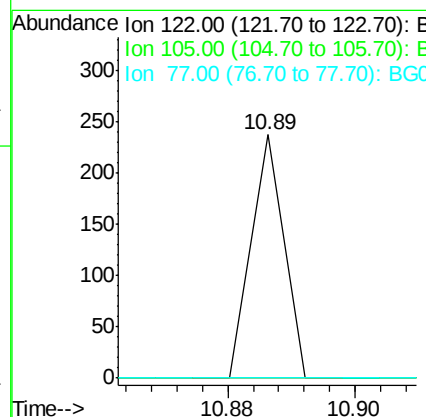
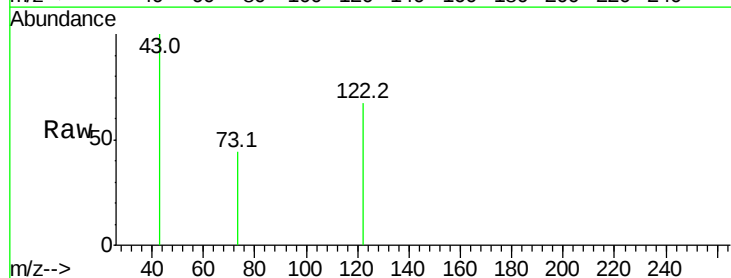
Instrument :
BNA_G
ClientSampleId :

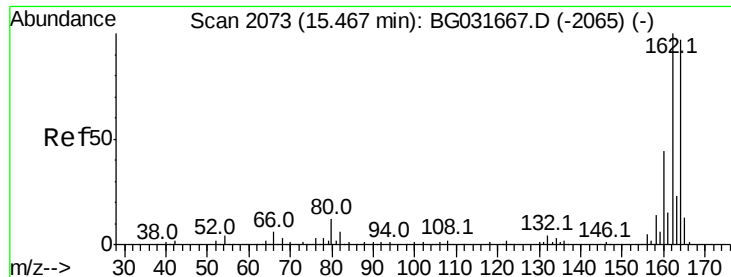
Tot Ion: 82 Resp: 242937
Ion Ratio Lower Upper
82 100
128 51.7 29.7 44.5#
54 45.1 43.1 64.7



#32
Benzoic acid
Concen: 6.734 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

Tgt Ion:122 Resp: 84
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

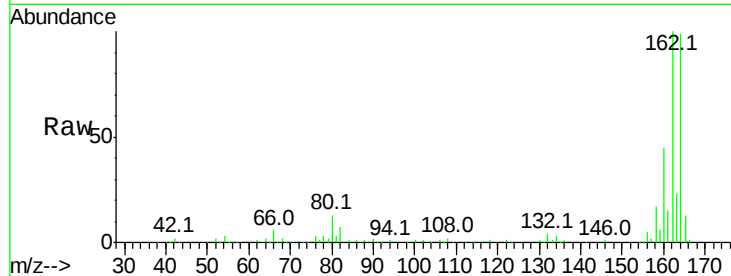




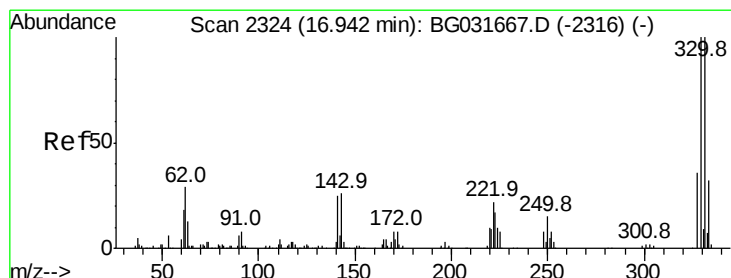
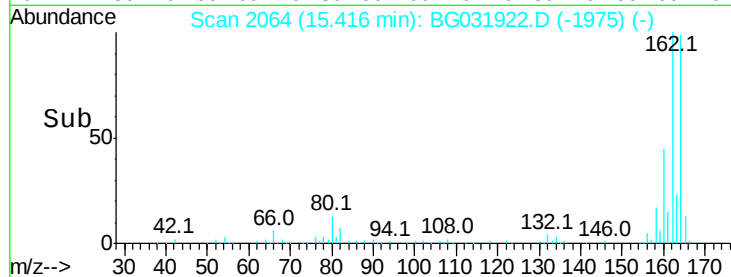
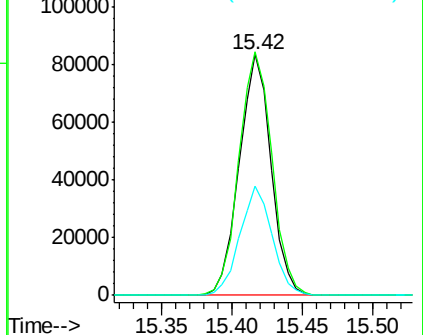
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031922.D
 Acq: 4 Jan 2018 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 130925
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 45.5 35.4 53.0

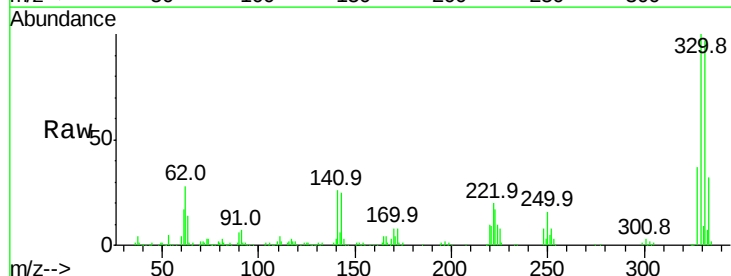


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

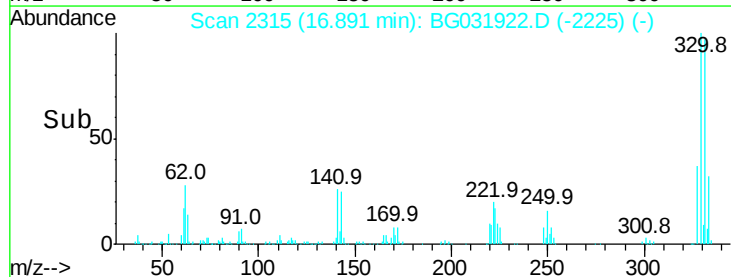
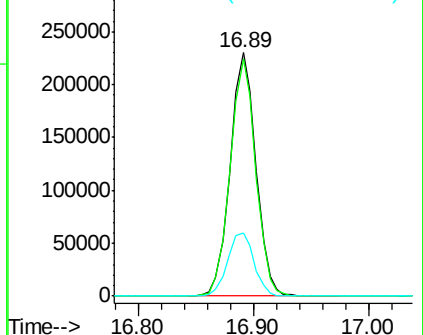


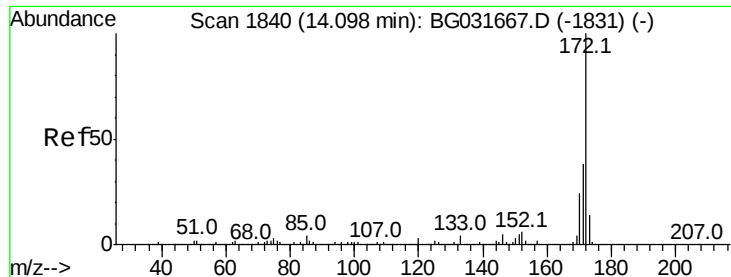
#41
 2,4,6-Tribromophenol
 Concen: 177.442 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031922.D
 Acq: 4 Jan 2018 19:21

Tgt Ion:330 Resp: 354481
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 26.8 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

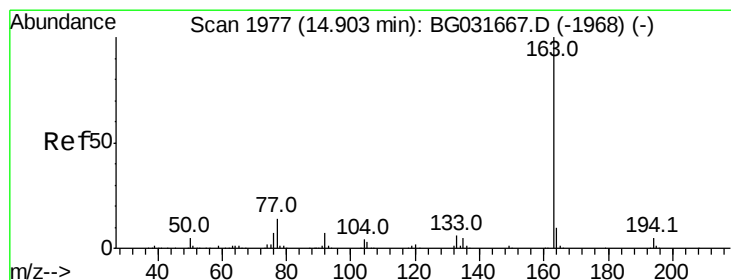
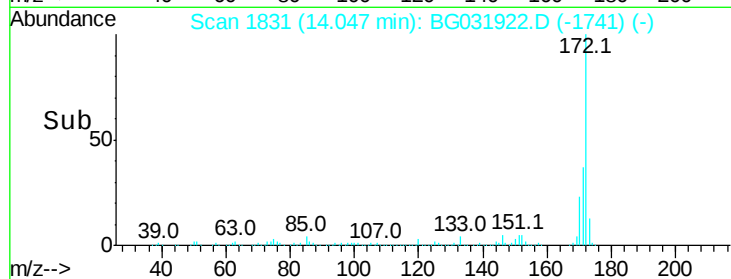
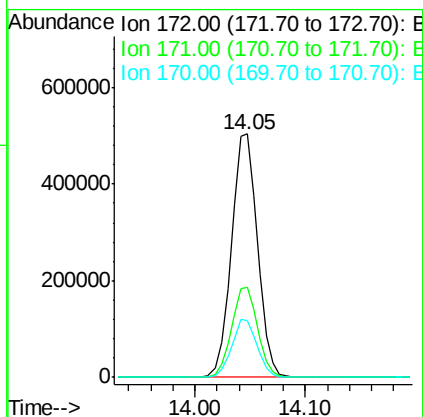
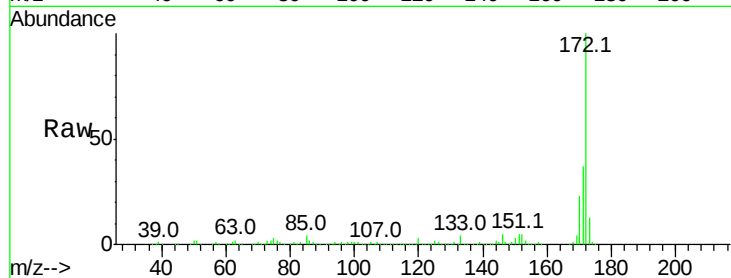




#44
2-Fluorobiphenyl
Concen: 79.645 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

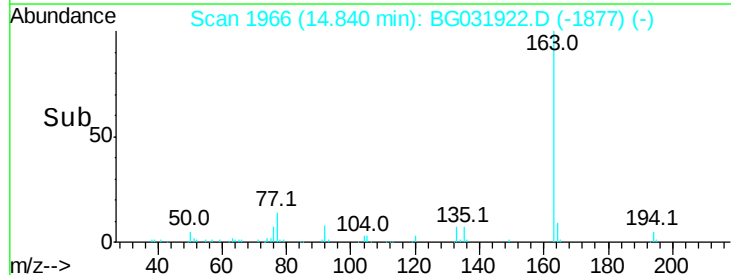
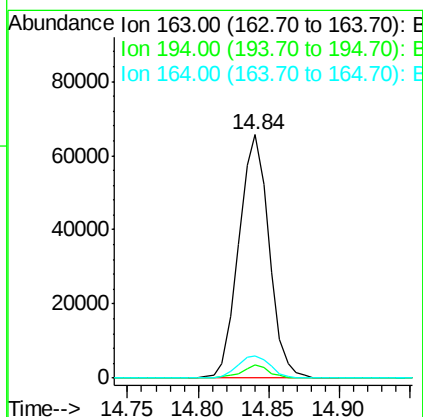
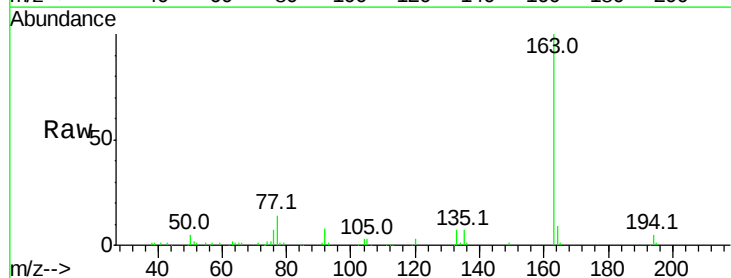
Instrument :
BNA_G
ClientSampleId :

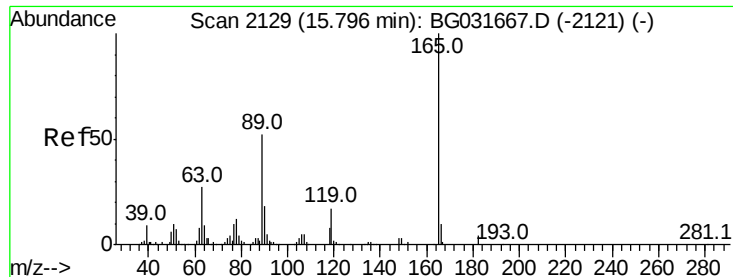
Tot Ion:172 Resp: 830790
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 8.491 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031922.D
Acq: 4 Jan 2018 19:21

Tgt Ion:163 Resp: 97938
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 9.2 8.2 12.4

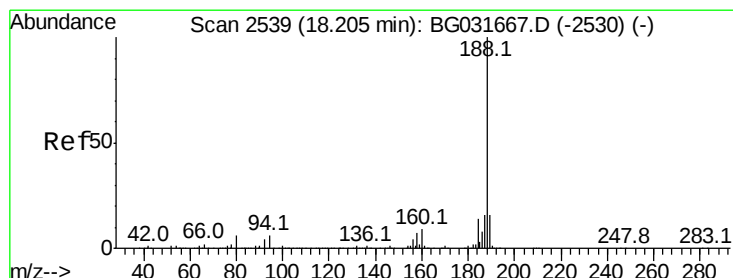
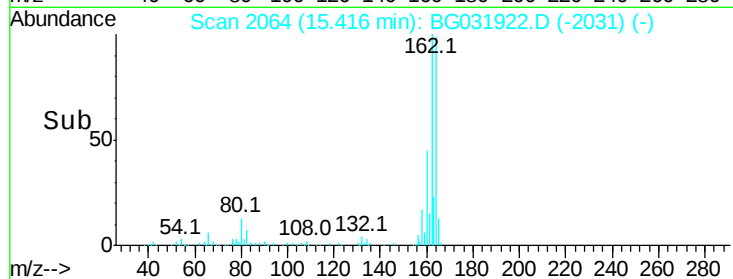
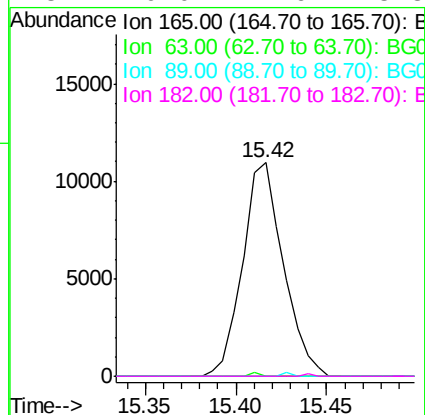
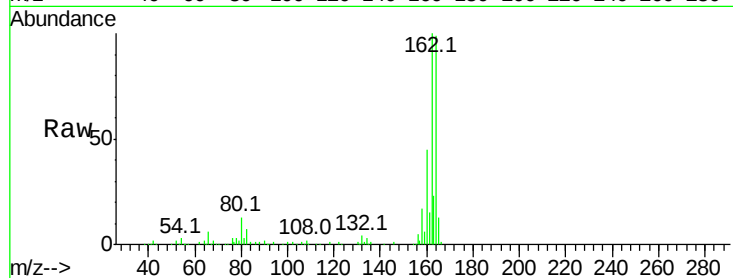




#56
 2,4-Dinitrotoluene
 Concen: 6.255 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031922.D
 Acq: 4 Jan 2018 19:21

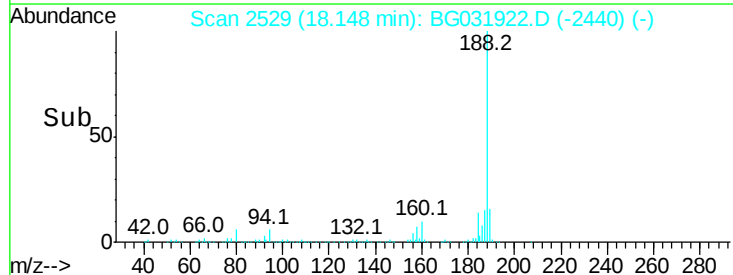
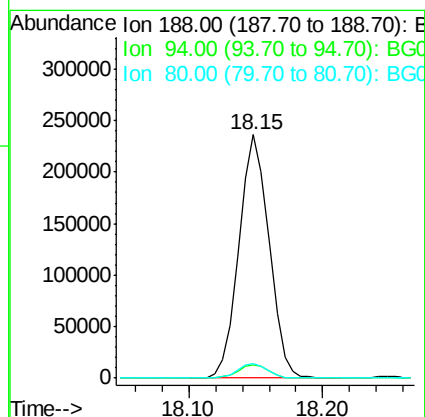
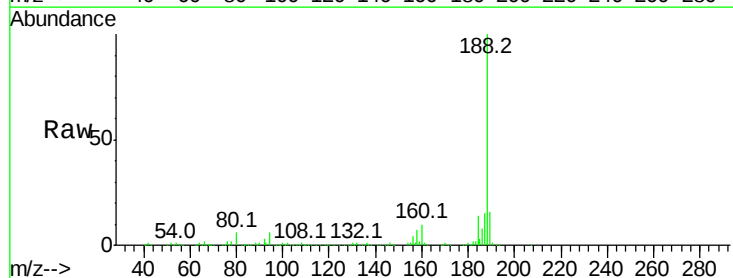
Instrument :
 BNA_G
 ClientSampleId :

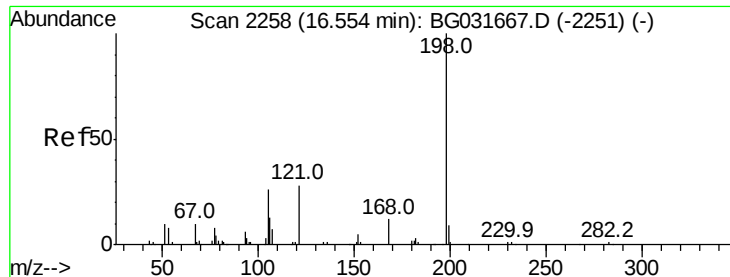
Tot Ion:165 Resp: 17065
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031922.D
 Acq: 4 Jan 2018 19:21

Tgt Ion:188 Resp: 368708
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 5.9 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 8.738 ng

RT: 16.89 min Scan# 2314

Delta R.T. 0.37 min

Lab File: BG031922.D

Acq: 4 Jan 2018 19:21

Instrument :

BNA_G

ClientSampleId :

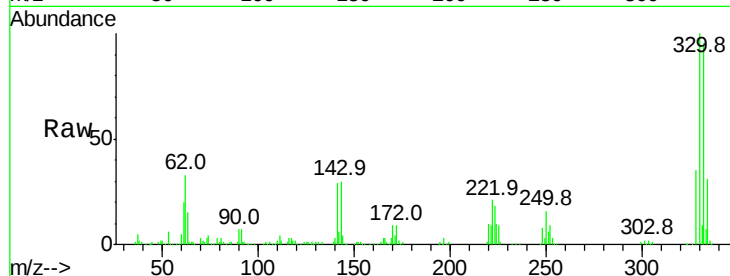
Tot Ion:198 Resp: 937

Ion Ratio Lower Upper

198 100

51 69.9 30.6 70.6

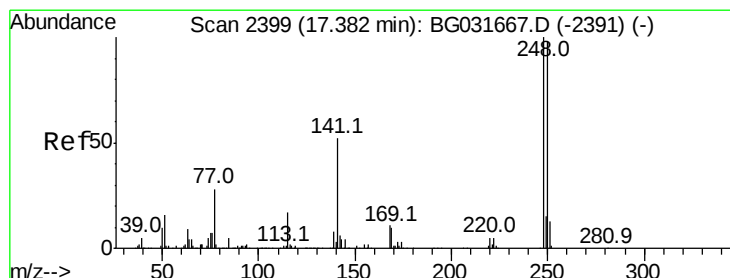
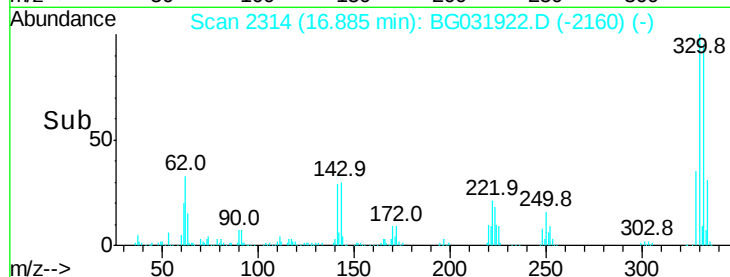
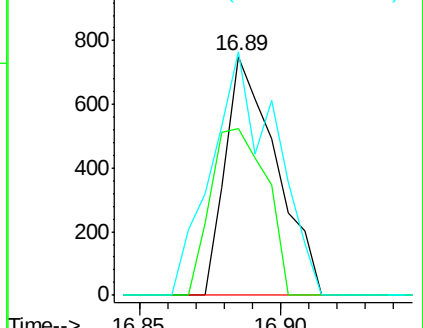
105 102.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.341 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.44 min

Lab File: BG031922.D

Acq: 4 Jan 2018 19:21

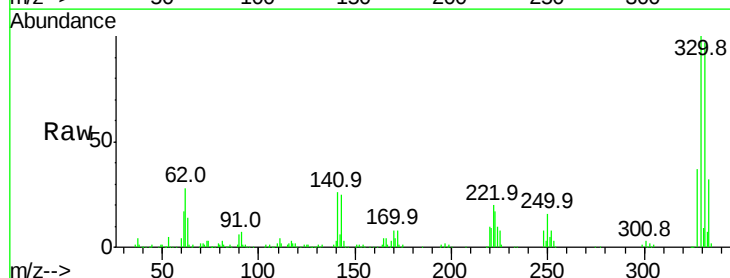
Tgt Ion:248 Resp: 28476

Ion Ratio Lower Upper

248 100

250 203.5 77.1 115.7#

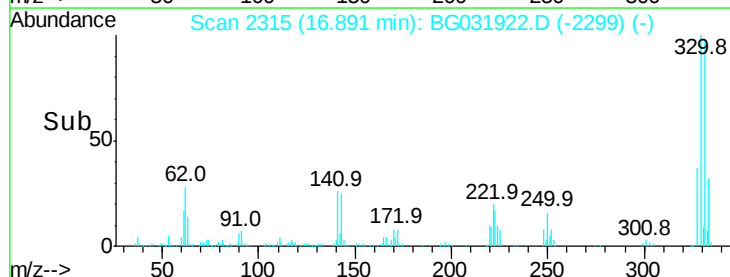
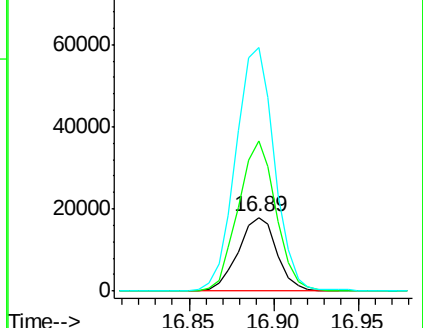
141 330.0 50.8 76.2#

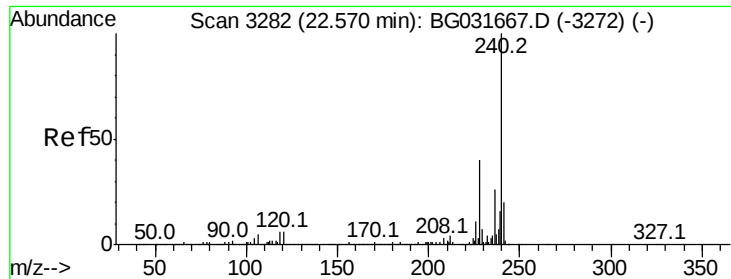


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.02 min

Lab File: BG031922.D

Acq: 4 Jan 2018 19:21

Instrument :

BNA_G

ClientSampleId :

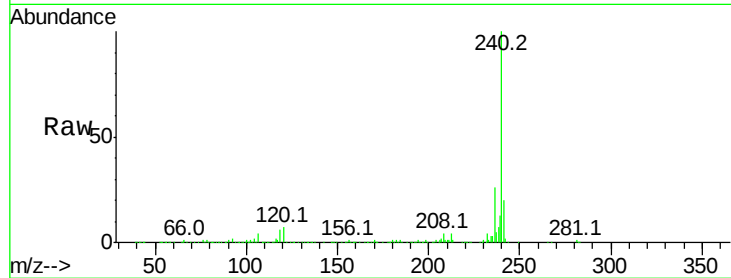
Tot Ion:240 Resp: 440869

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

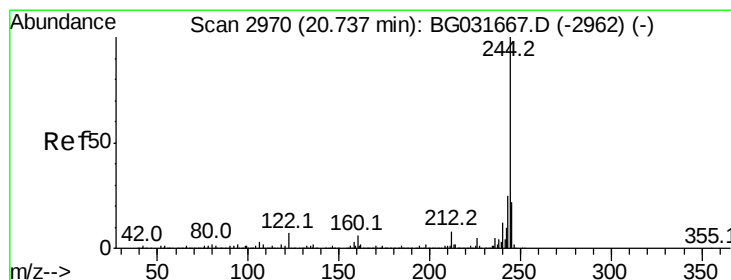
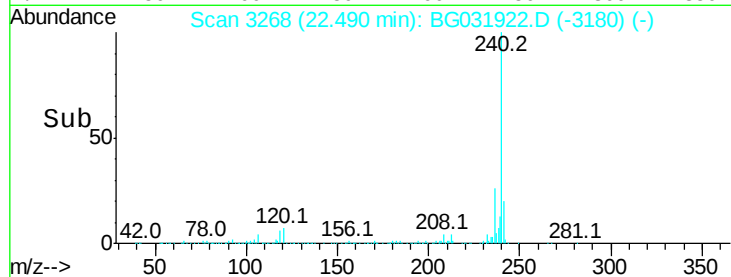
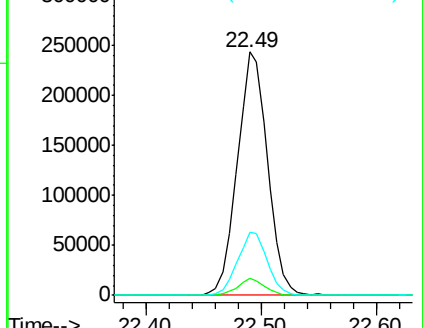
236 25.8 20.9 31.3



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: 85.398 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG031922.D

Acq: 4 Jan 2018 19:21

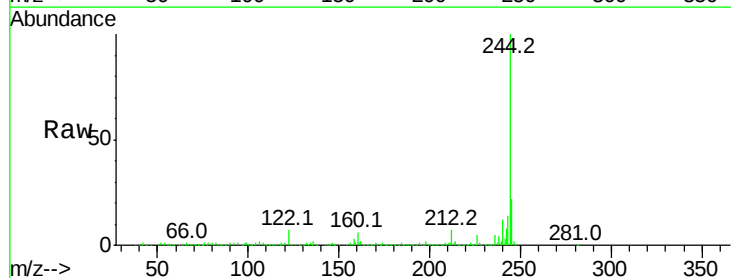
Tgt Ion:244 Resp: 1647928

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

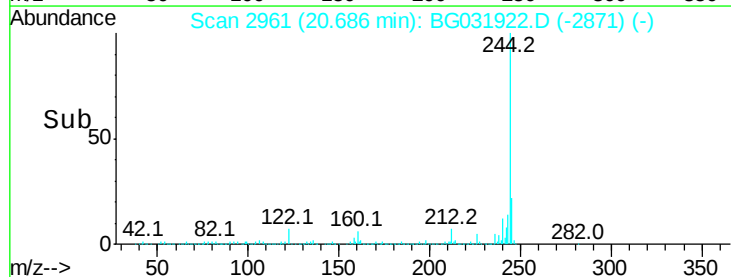
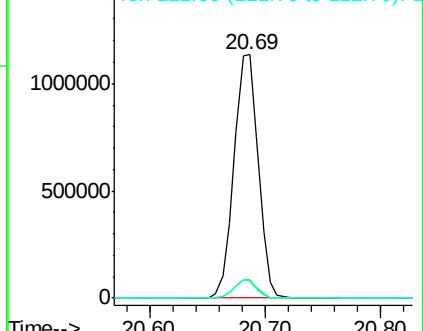
122 6.8 7.0 10.4#

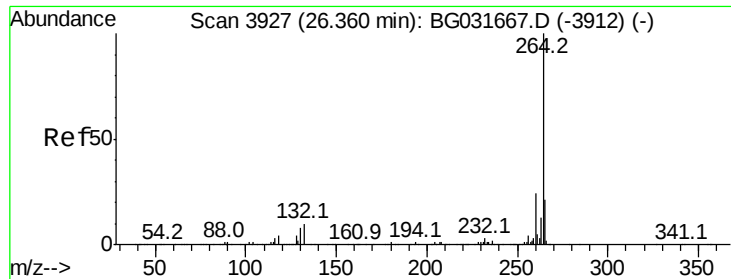


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.23 min Scan# 3904
 Delta R.T. -0.03 min
 Lab File: BG031922.D
 Acq: 4 Jan 2018 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.2	17.7	26.5

