

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044306.D
 Acq On : 5 Feb 2020 16:08
 Operator : CG/JU
 Sample : L1377-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:10:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

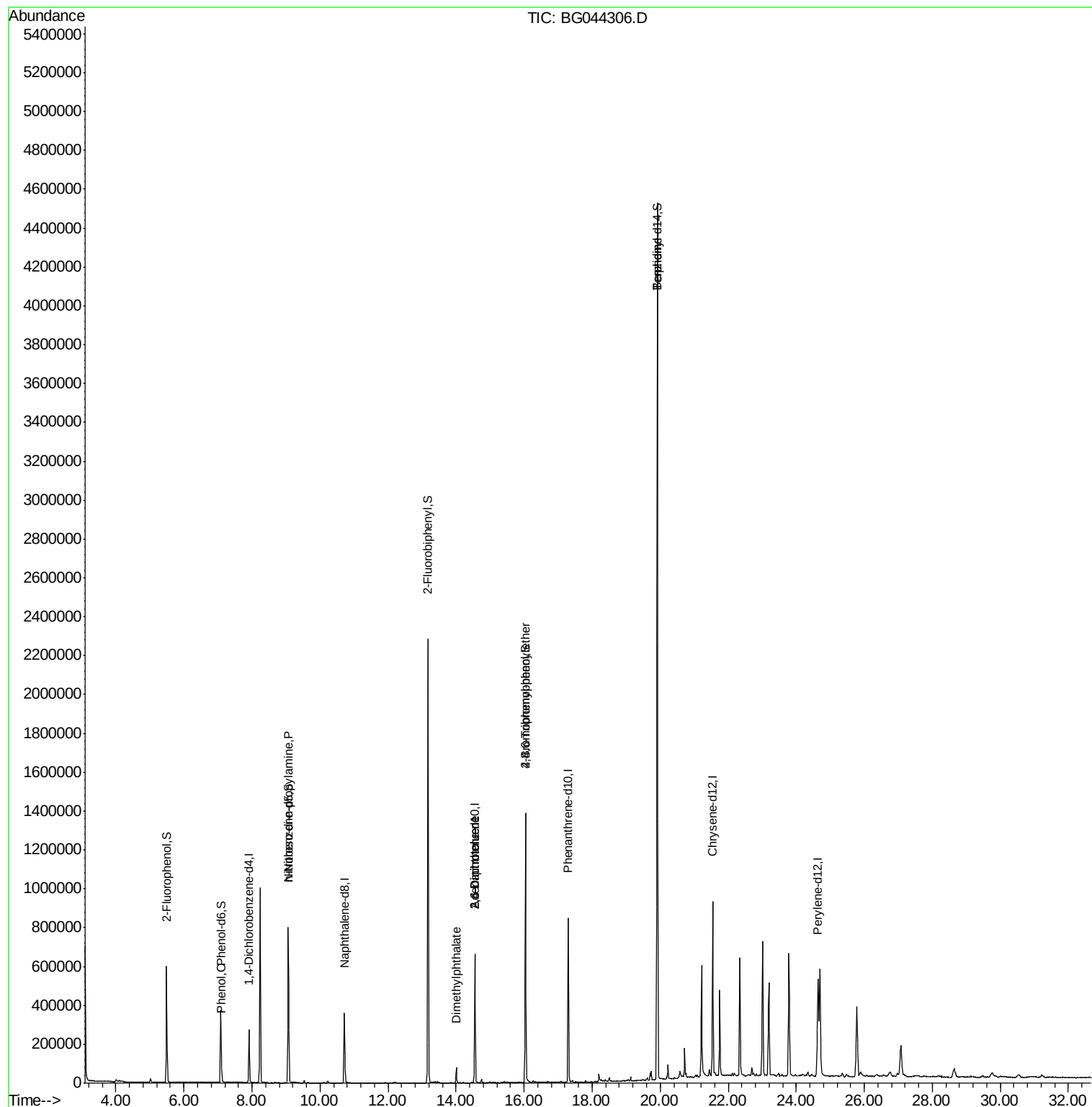
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	82332	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	337079	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	238384	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	556483	20.00	ng	0.00
76) Chrysene-d12	21.54	240	496385	20.00	ng	0.00
87) Perylene-d12	24.64	264	557568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	294962	63.23	ng	0.00
7) Phenol-d6	7.08	99	244570	39.04	ng	0.00
23) Nitrobenzene-d5	9.07	82	519706	87.04	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	279388	99.84	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1198165	84.17	ng	0.00
79) Terphenyl-d14	19.92	244	2023298	83.84	ng	0.00
Target Compounds						
10) Phenol	7.11	94	13105	2.114	ng	86
19) n-Nitroso-di-n-propylamine	9.07	70	67466	16.159	ng	# 74
50) Dimethylphthalate	14.00	163	59519	3.473	ng	99
51) 2,6-Dinitrotoluene	14.55	165	30772	8.054	ng	# 29
57) 2,4-Dinitrotoluene	14.55	165	30772	5.746	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	19052	3.142	ng	# 1
77) Benzidine	19.92	184	34753	2.524	ng	# 92

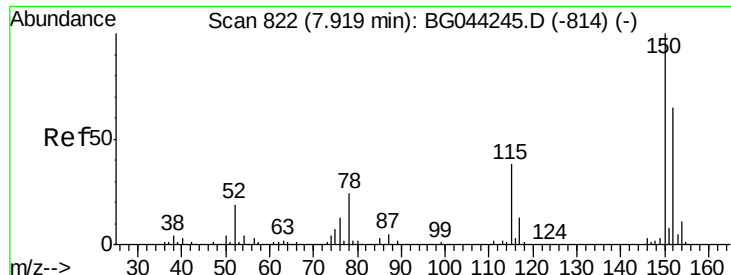
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044306.D
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Sample : L1377-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 01:10:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



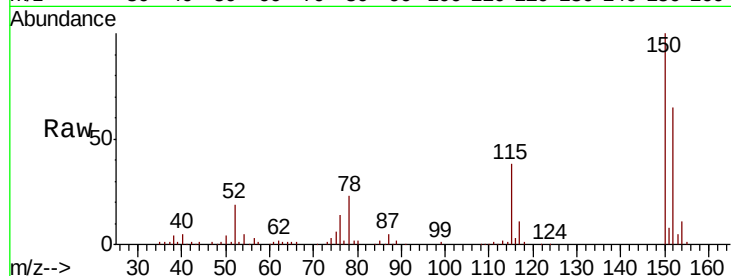


#1

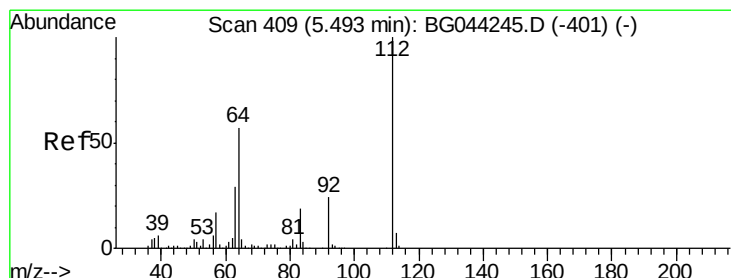
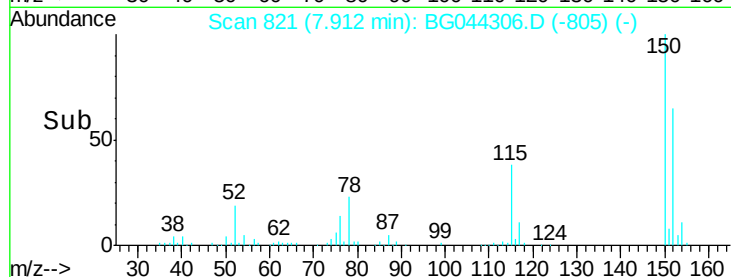
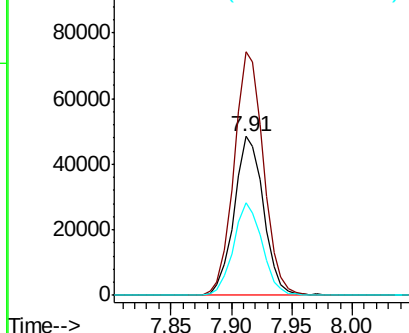
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.6	183.8
115	58.4	46.0	69.0



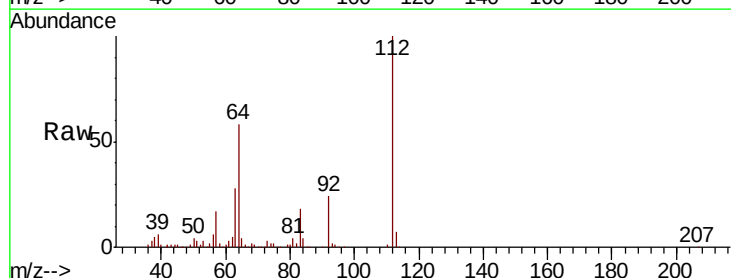
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



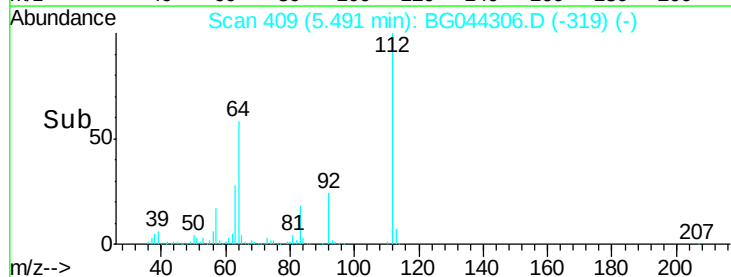
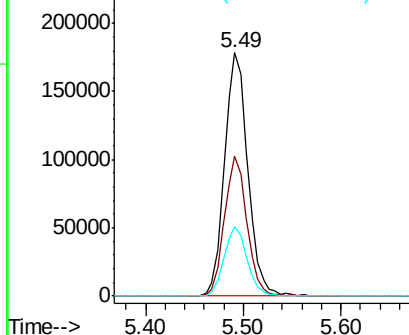
#5

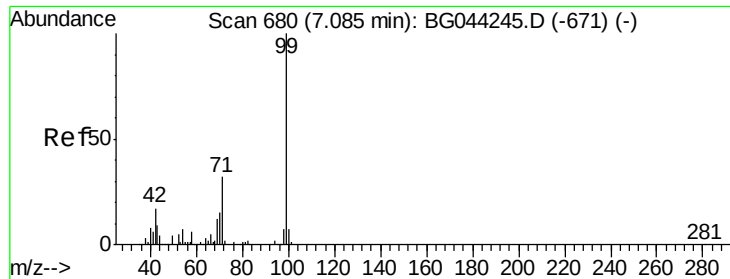
2-Fluorophenol
Concen: 63.227 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.2
63	28.4	22.9	34.3



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





#7

Phenol-d6

Concen: 39.040 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

Instrument :

BNA_G

ClientSampled :

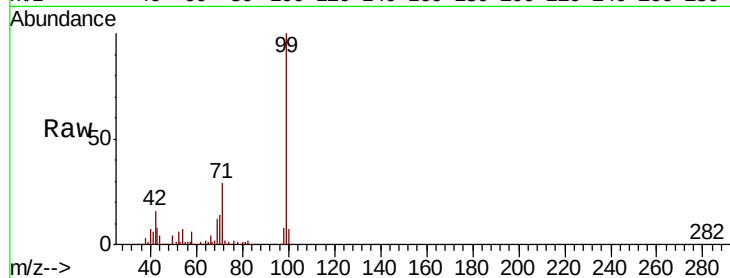
Tot Ion: 99 Resp: 244570

Ion Ratio Lower Upper

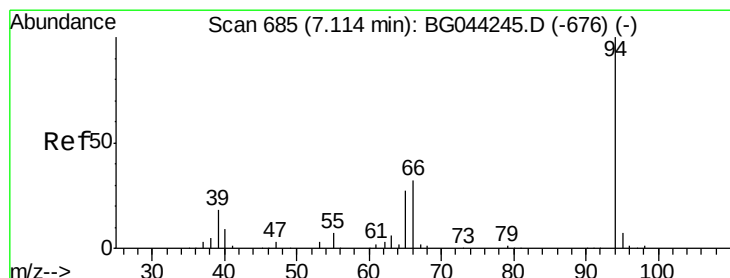
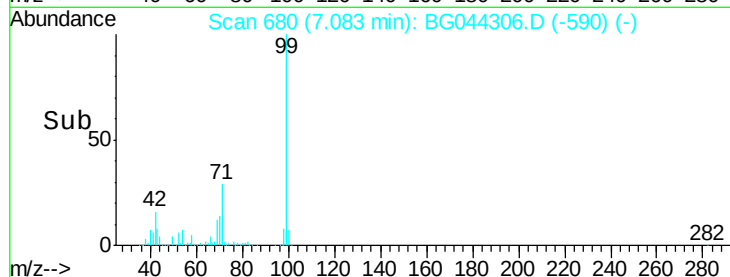
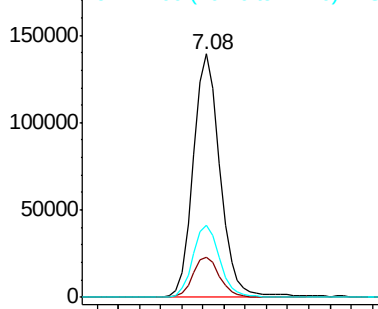
99 100

42 16.3 13.8 20.6

71 29.4 25.5 38.3



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



#10

Phenol

Concen: 2.114 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

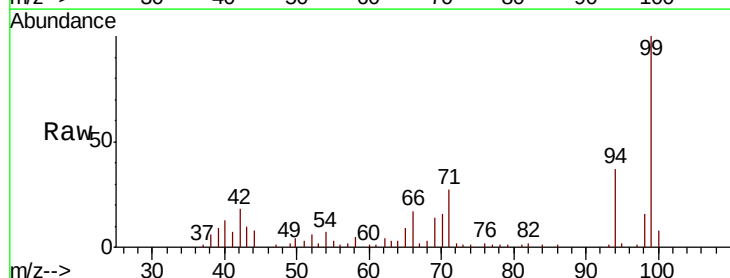
Tgt Ion: 94 Resp: 13105

Ion Ratio Lower Upper

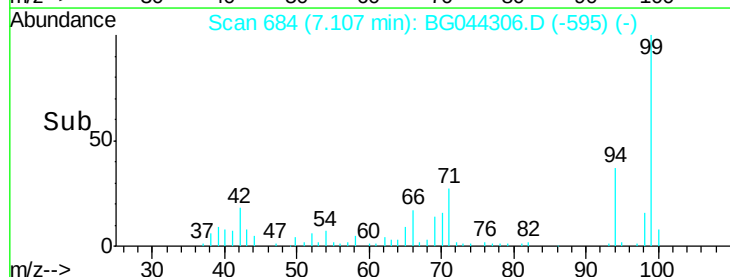
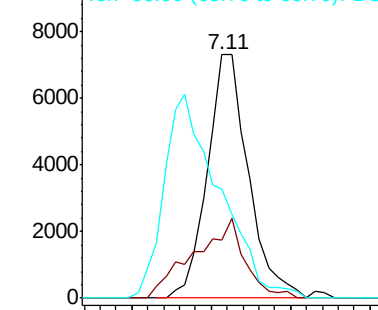
94 100

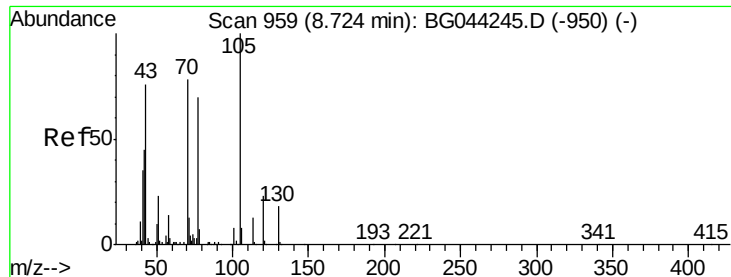
65 24.0 7.0 47.0

66 44.8 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

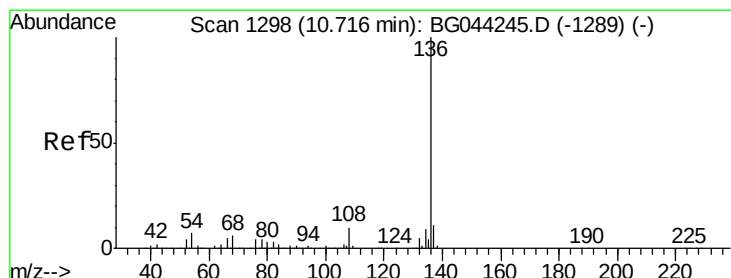
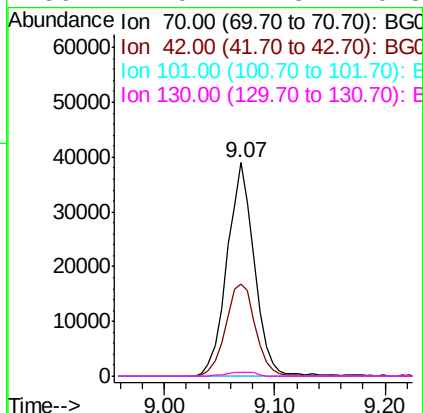
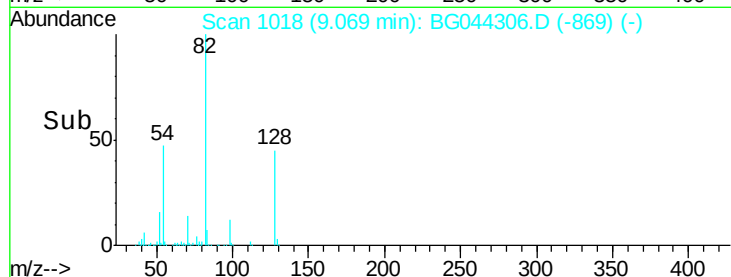
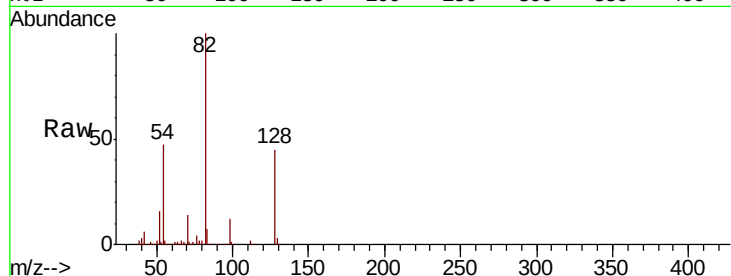




#19
n-Nitroso-di-n-propylamine
Concen: 16.159 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.34 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

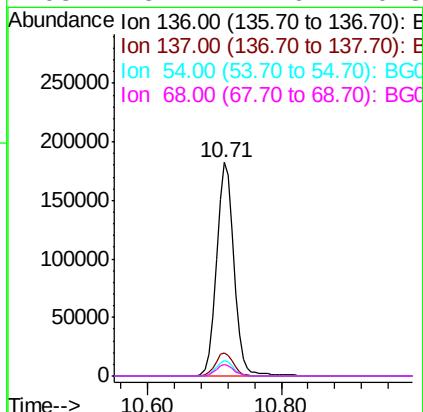
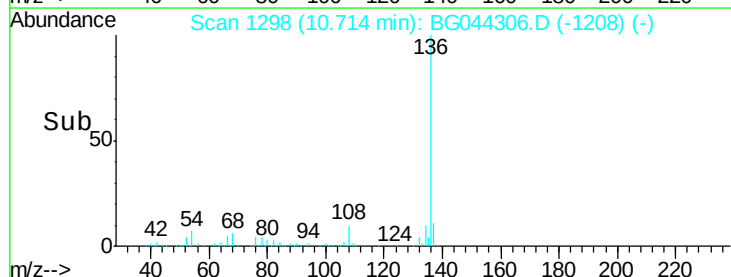
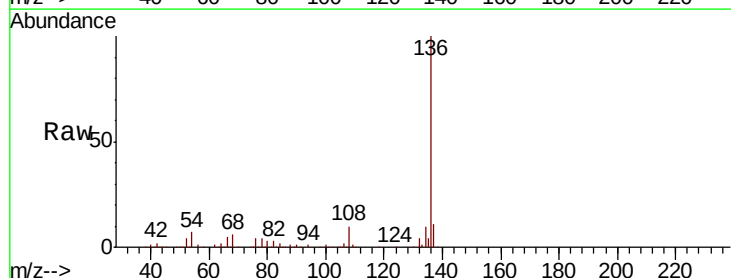
Instrument :
BNA_G
ClientSampleId :

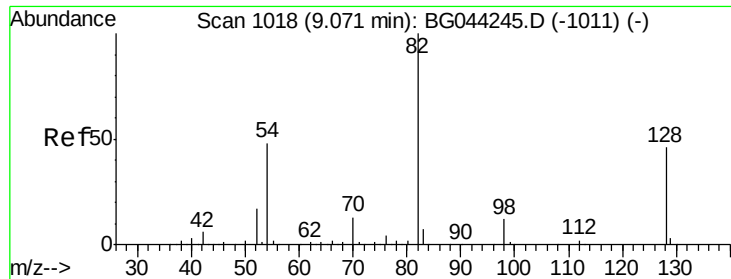
Tot Ion: 70 Resp: 67466
Ion Ratio Lower Upper
70 100
42 43.3 46.2 69.2#
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

Tgt Ion: 136 Resp: 337079
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 5.8 8.8
68 5.7 4.6 6.8

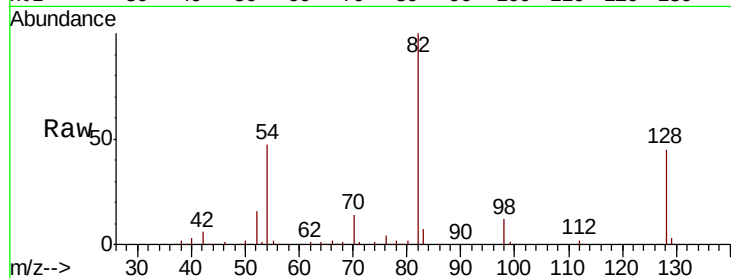




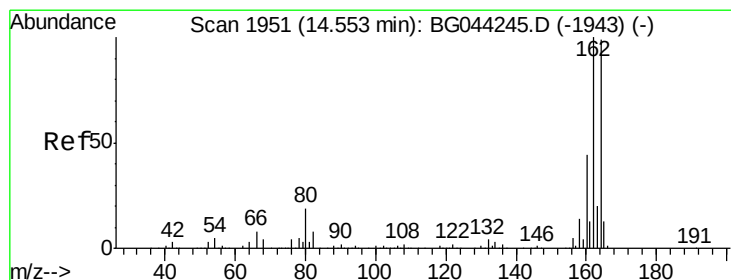
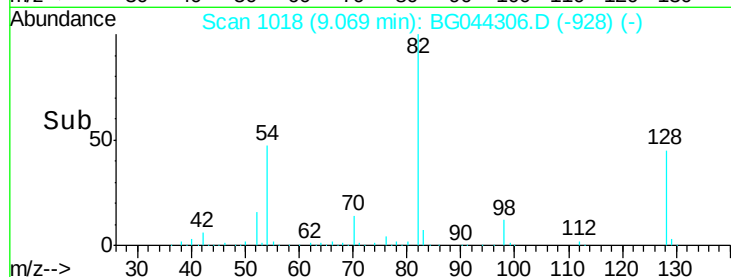
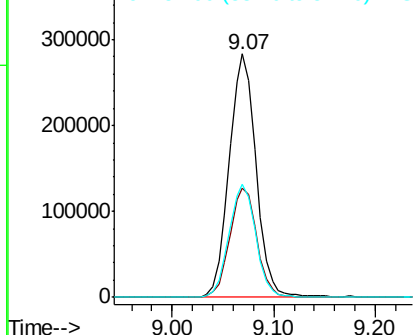
#23
 Nitrobenzene-d5
 Concen: 87.044 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044306.D
 Acq: 5 Feb 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	519706
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	46.6		58.0

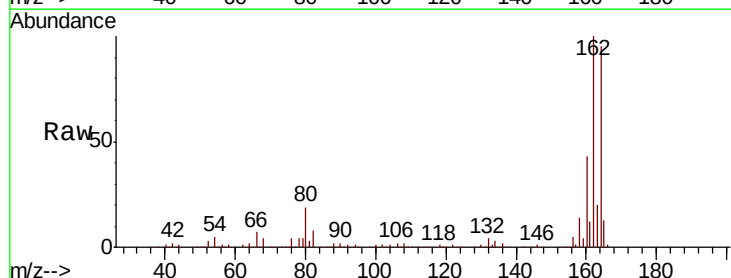


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

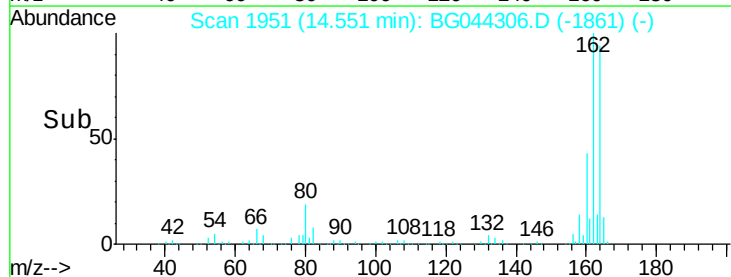
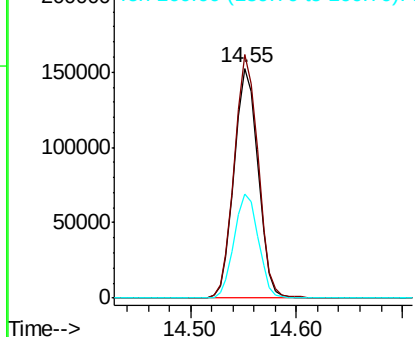


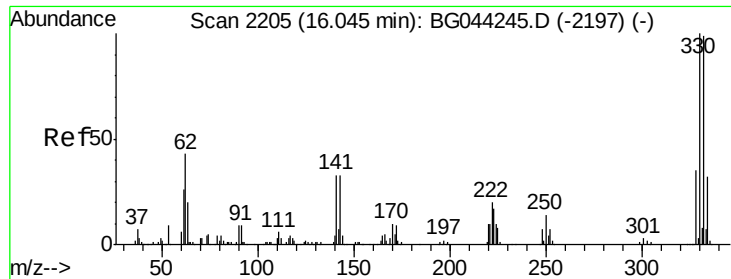
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG044306.D
 Acq: 5 Feb 2020 16:08

Tgt Ion	164	Resp	238384
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.7</td> <td></td> <td></td>	80.7		
Upper <td>121.1</td> <td></td> <td></td>	121.1		
162	105.8		52.9
160	45.3		



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





#42

2,4,6-Tribromophenol

Concen: 99.835 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

Instrument :

BNA_G

ClientSampled :

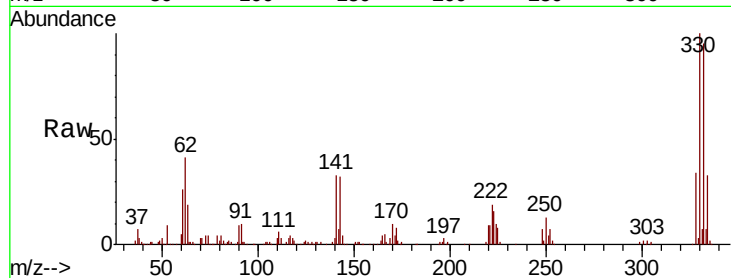
Tot Ion:330 Resp: 279388

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

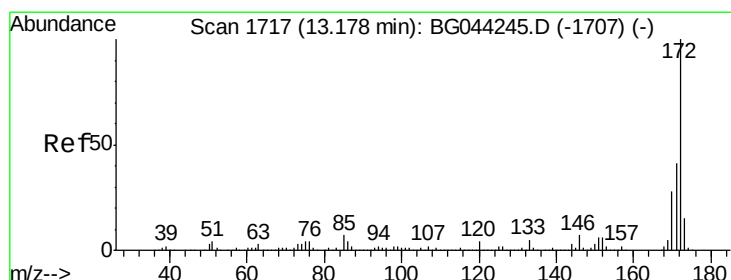
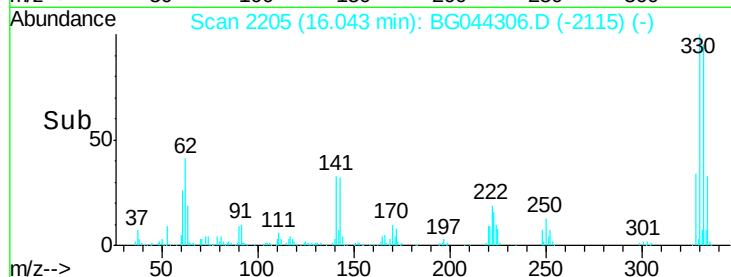
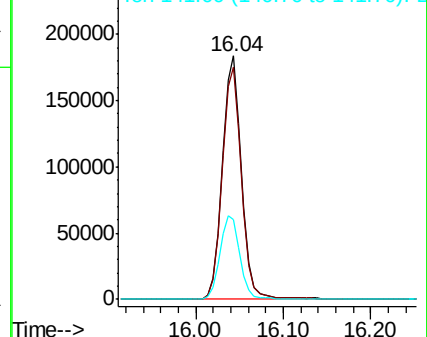
141 36.0 28.3 42.5



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



#45

2-Fluorobiphenyl

Concen: 84.166 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

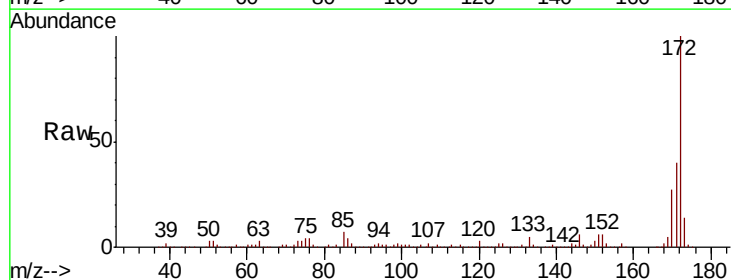
Tgt Ion:172 Resp: 1198165

Ion Ratio Lower Upper

172 100

171 40.3 32.9 49.3

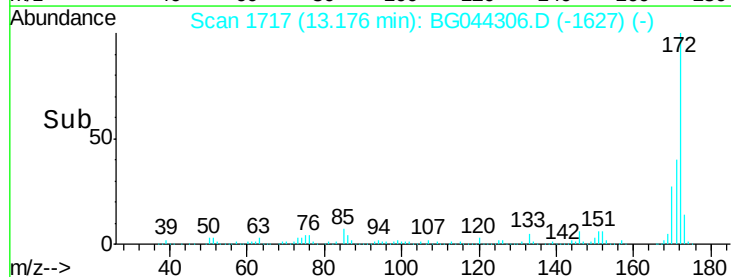
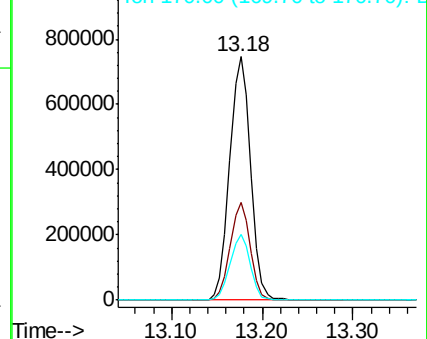
170 26.8 22.0 33.0

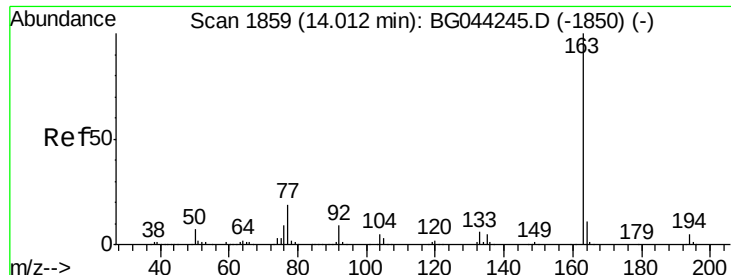


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.473 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

Instrument :

BNA_G

ClientSampled :

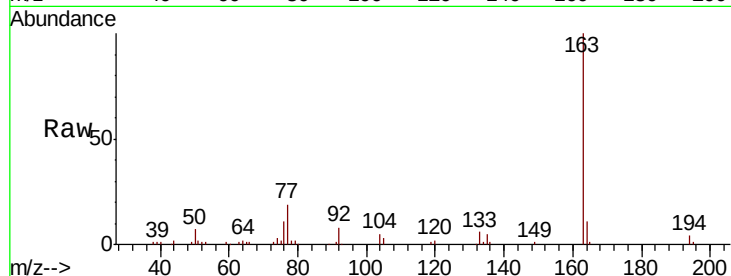
Tot Ion:163 Resp: 59519

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

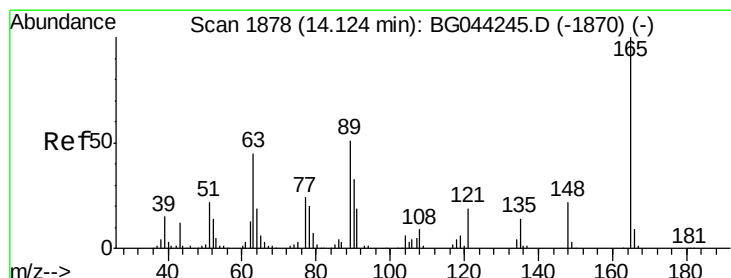
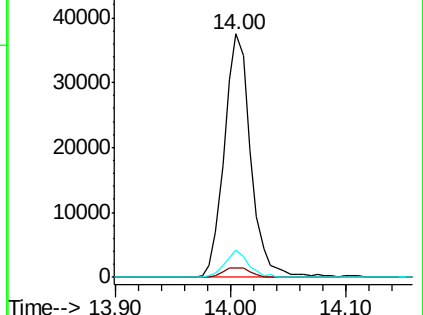
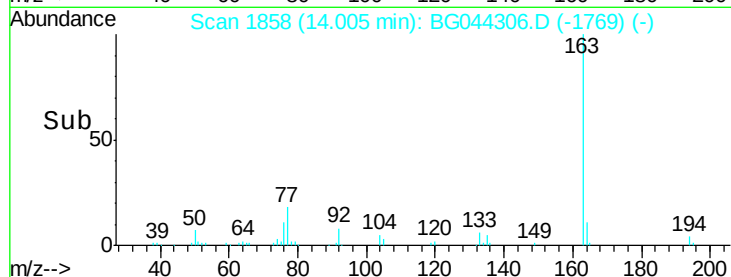
164 11.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.054 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.43 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

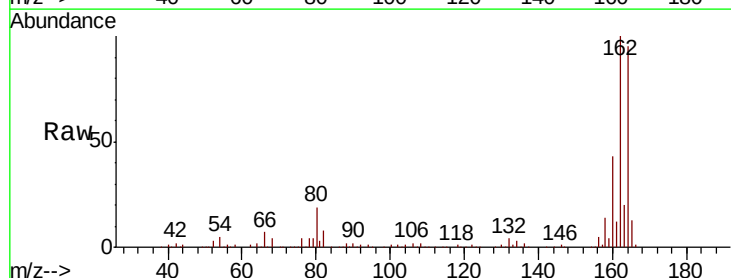
Tgt Ion:165 Resp: 30772

Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

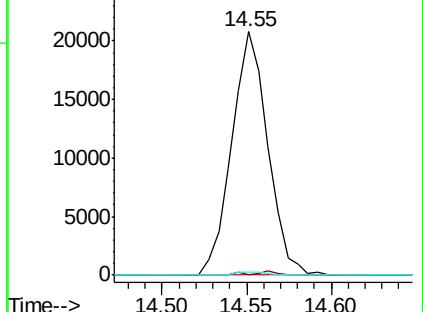
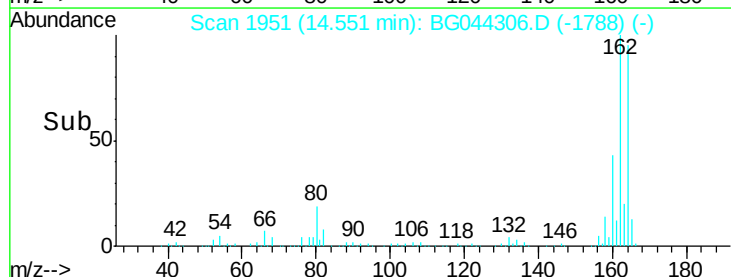
89 1.4 40.4 60.6#

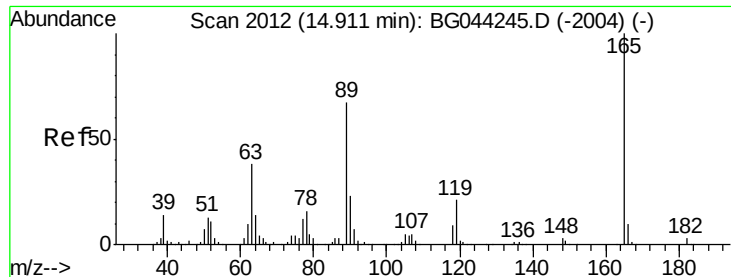


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

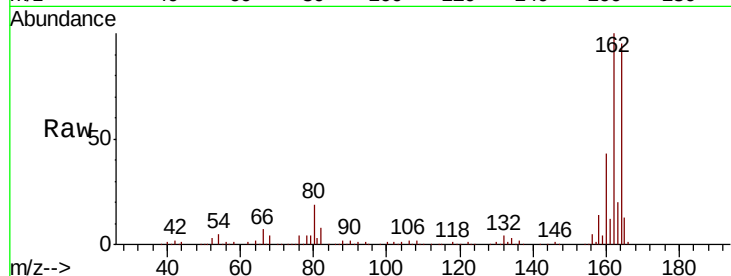




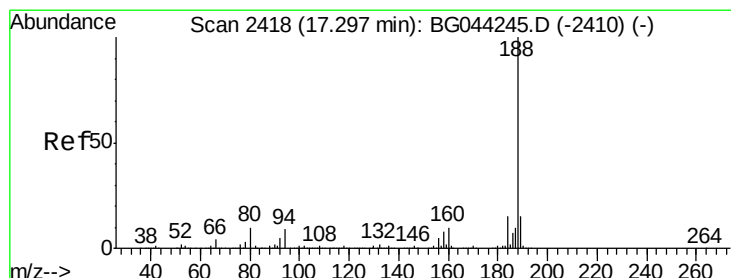
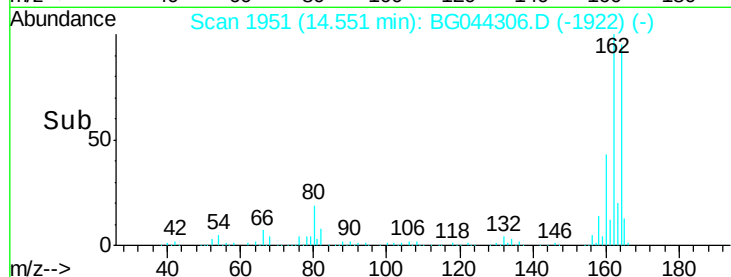
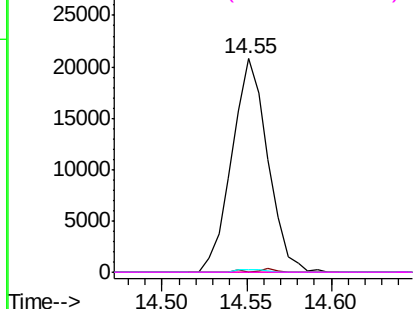
#57
 2,4-Dinitrotoluene
 Concen: 5.746 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044306.D
 Acq: 5 Feb 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 30772
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.3 45.5#
 89 1.4 53.4 80.2#
 182 0.0 2.1 3.1#

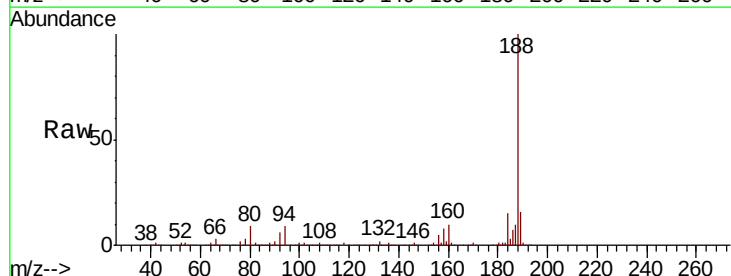


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

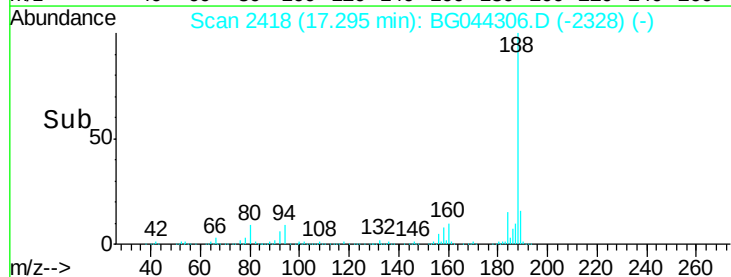
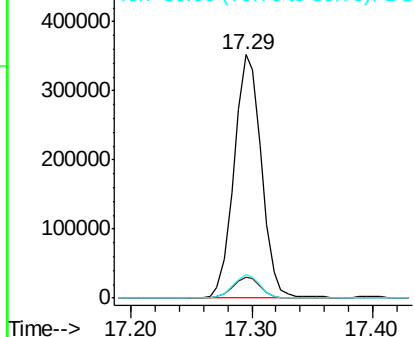


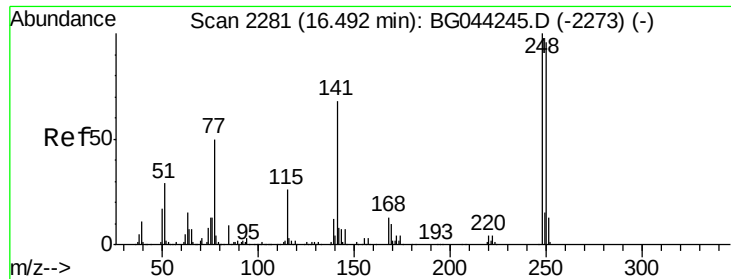
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG044306.D
 Acq: 5 Feb 2020 16:08

Tgt Ion:188 Resp: 556483
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.4 11.2
 80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

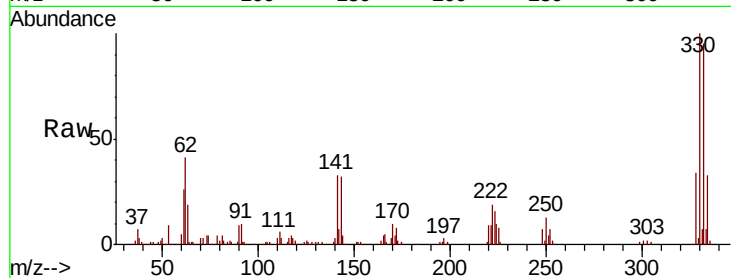




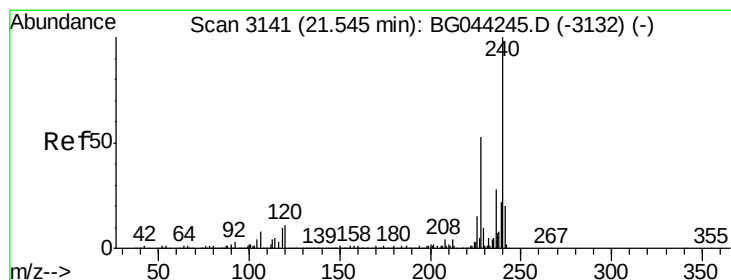
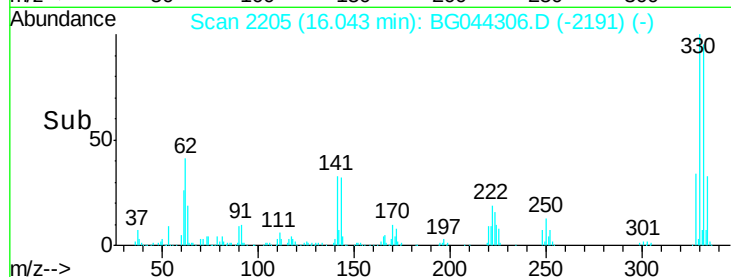
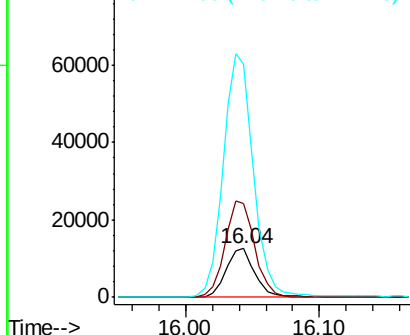
#67
4-Bromophenyl-phenylether
Concen: 3.142 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19052
Ion Ratio Lower Upper
248 100
250 190.4 76.6 114.8#
141 475.8 54.7 82.1#

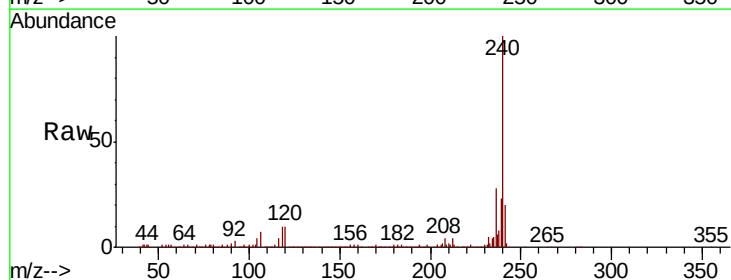


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

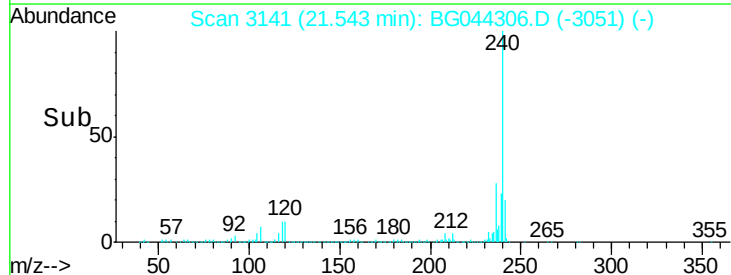
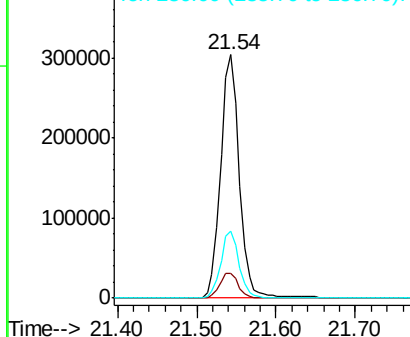


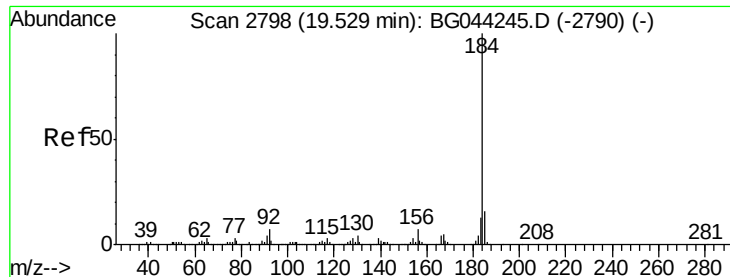
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

Tgt Ion:240 Resp: 496385
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 27.8 22.1 33.1



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





#77

Benzidine

Concen: 2.524 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

Instrument :

BNA_G

ClientSampleId :

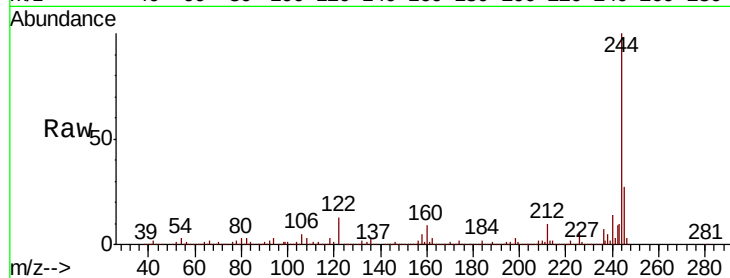
Tot Ion:184 Resp: 34753

Ion Ratio Lower Upper

184 100

185 16.4 12.9 19.3

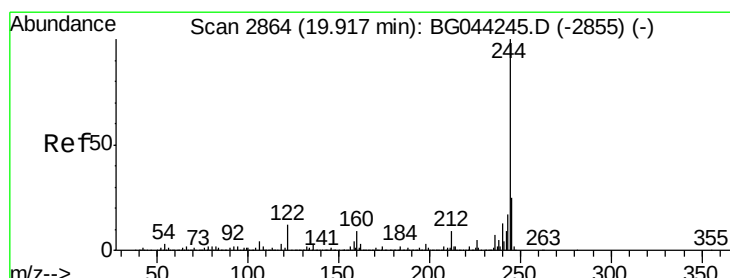
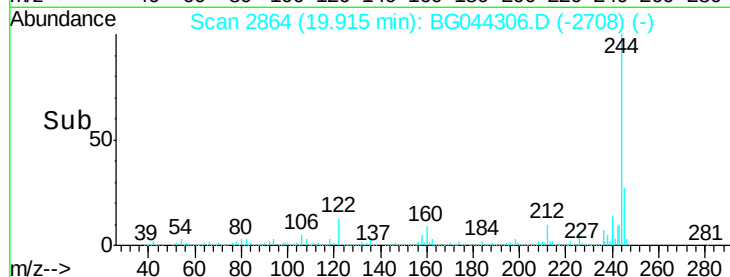
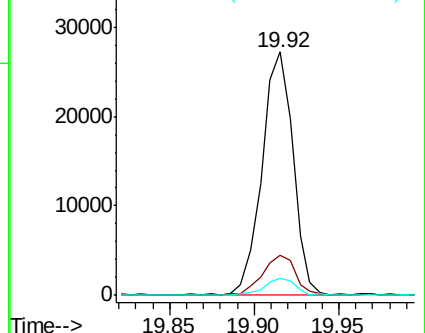
183 7.2 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 83.839 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044306.D

Acq: 5 Feb 2020 16:08

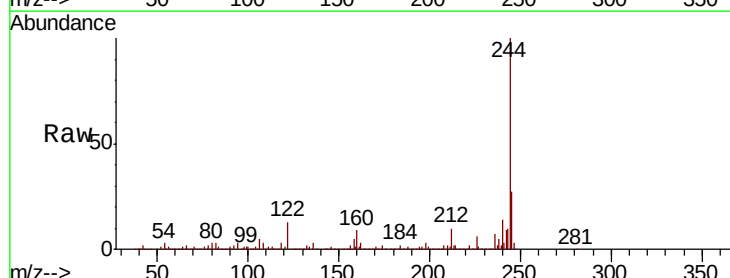
Tgt Ion:244 Resp: 2023298

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.2

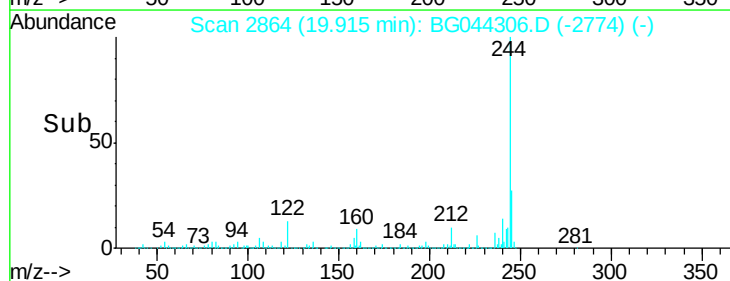
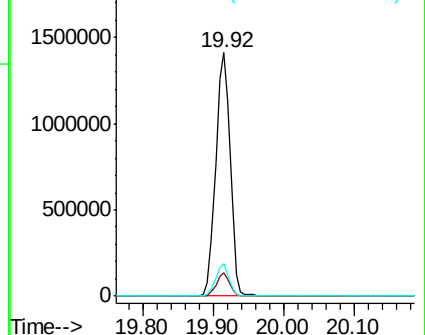
122 13.3 9.8 14.6

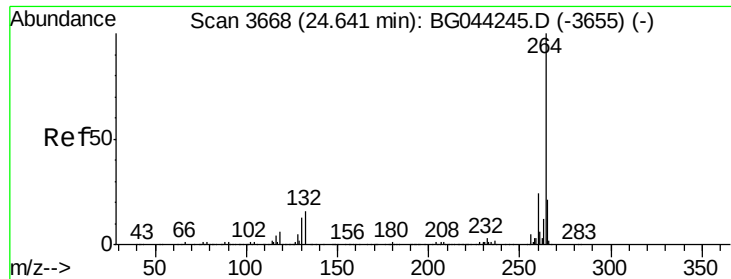


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044306.D
Acq: 5 Feb 2020 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.4	16.7	25.1

