

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044561.D
 Acq On : 21 Feb 2020 22:51
 Operator : CG/JU
 Sample : L1362-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:53:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

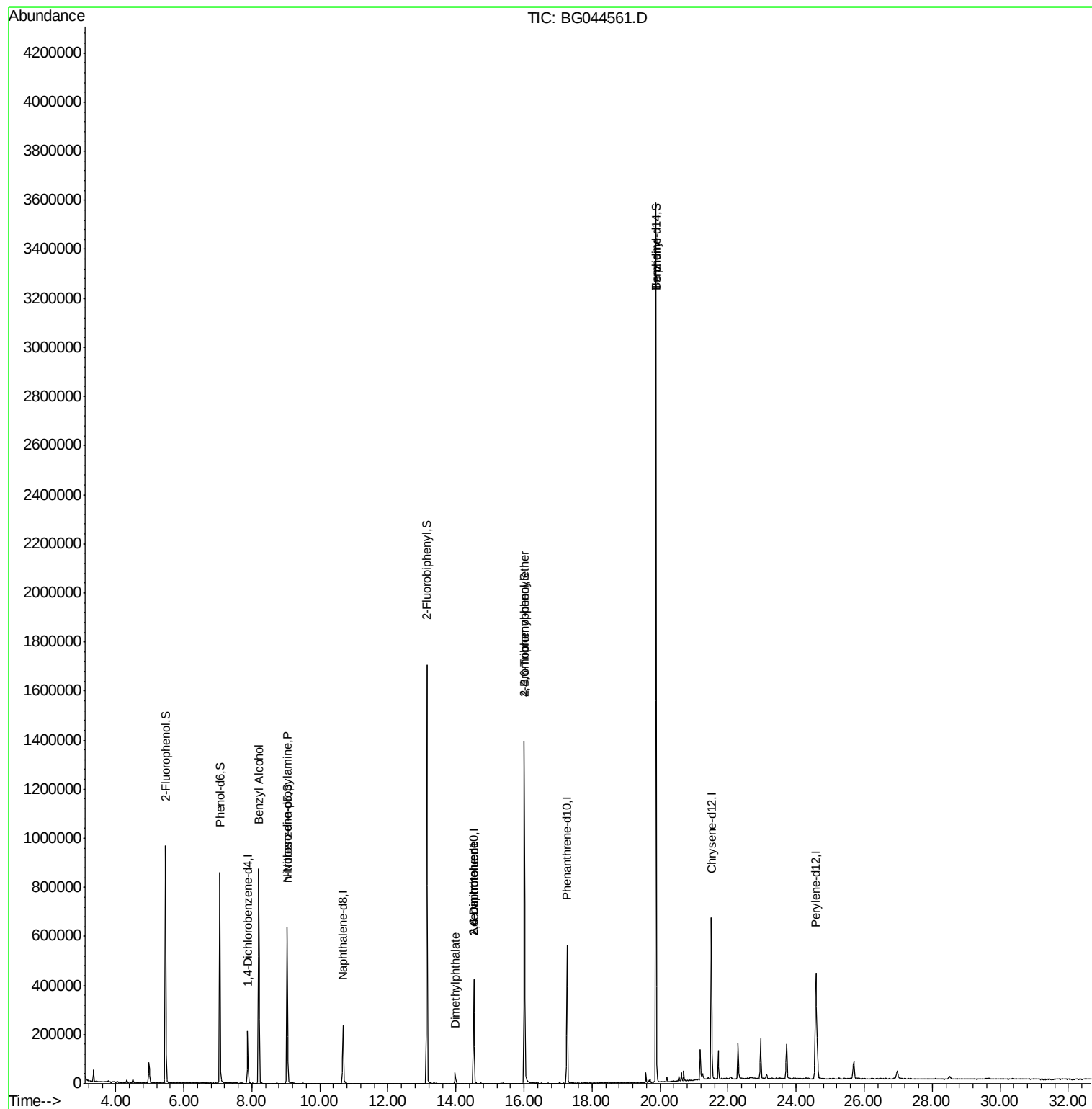
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	60801	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	240316	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	156379	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	374544	20.00	ng	0.00
76) Chrysene-d12	21.50	240	381747	20.00	ng	0.00
87) Perylene-d12	24.58	264	432195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	481150	139.66	ng	0.00
7) Phenol-d6	7.06	99	563443	121.79	ng	0.00
23) Nitrobenzene-d5	9.04	82	411165	96.59	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	301954	164.48	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	954409	102.20	ng	0.00
79) Terphenyl-d14	19.88	244	1739272	93.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.20	79	6778	2.069	ng	# 45
19) n-Nitroso-di-n-propylamine	9.04	70	53099	17.222	ng	# 77
50) Dimethylphthalate	13.98	163	41034	3.650	ng	# 97
51) 2,6-Dinitrotoluene	14.52	165	20000	7.980	ng	# 32
57) 2,4-Dinitrotoluene	14.52	165	20000	5.693	ng	# 30
67) 4-Bromophenyl-phenylether	16.01	248	20701	5.073	ng	# 1
77) Benizidine	19.88	184	27924	2.637	ng	# 90

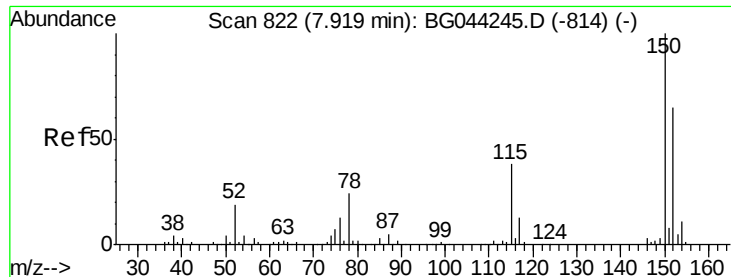
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 22 05:53:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration



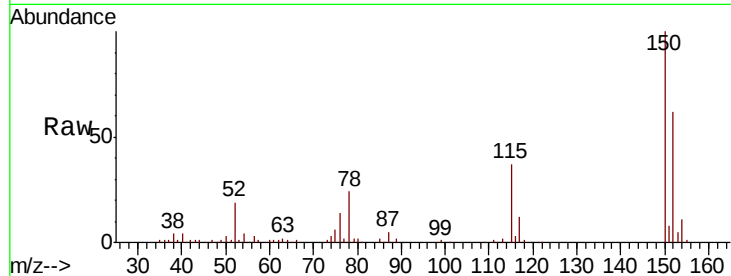


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.1	184.7
115	60.2	45.1	67.7

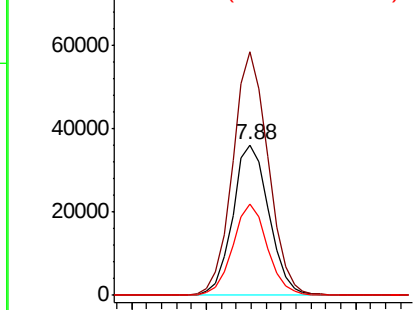


Abundance

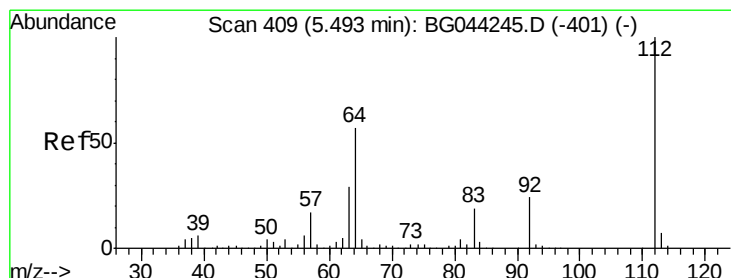
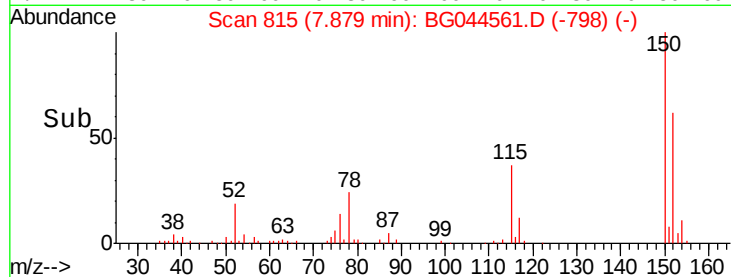
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



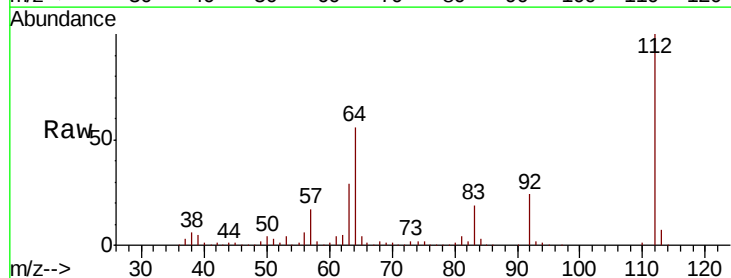
Time-->



#5

2-Fluorophenol
Concen: 139.661 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.5	66.7
63	29.3	22.2	33.2

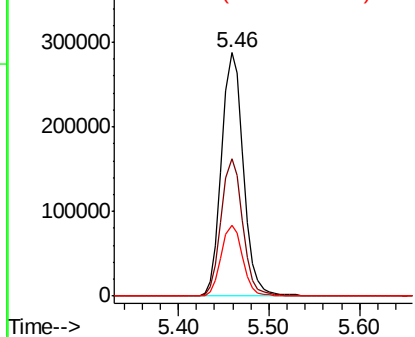


Abundance

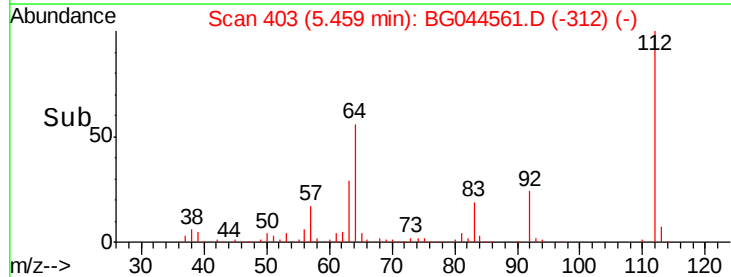
Ion 112.00 (111.70 to 112.70): E

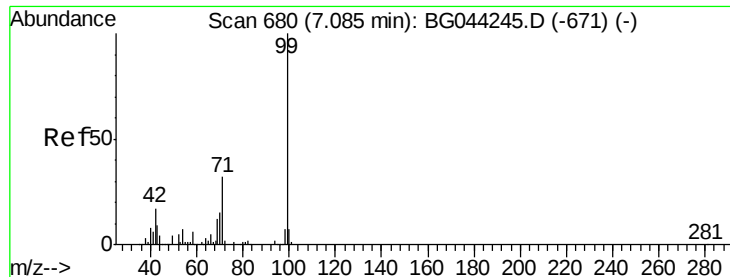
Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



Time-->





#7

Phenol-d6

Concen: 121.792 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

Instrument :

BNA_G

ClientSampleId :

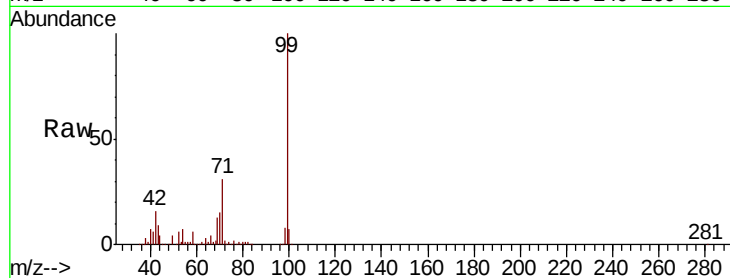
Tot Ion: 99 Resp: 563443

Ion Ratio Lower Upper

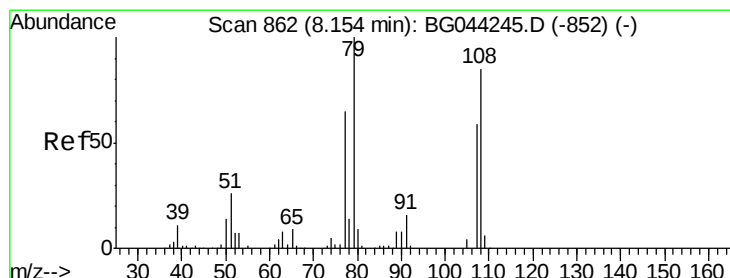
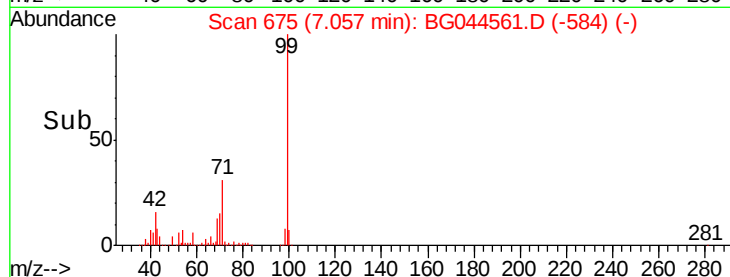
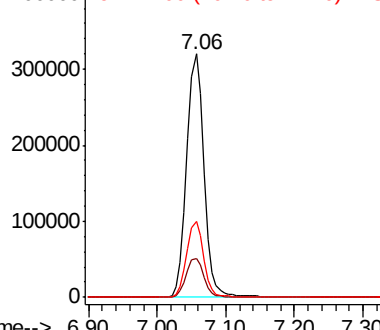
99 100

42 16.2 13.4 20.0

71 31.2 24.7 37.1



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



#15

Benzyl Alcohol

Concen: 2.069 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.08 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

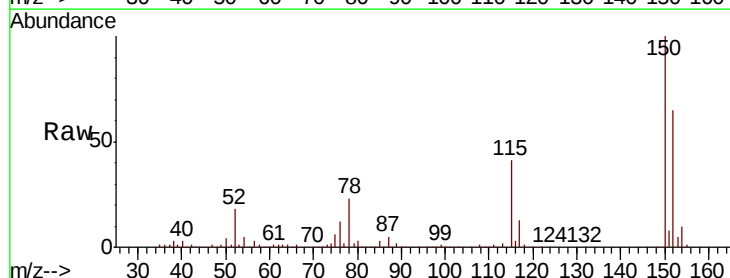
Tgt Ion: 79 Resp: 6778

Ion Ratio Lower Upper

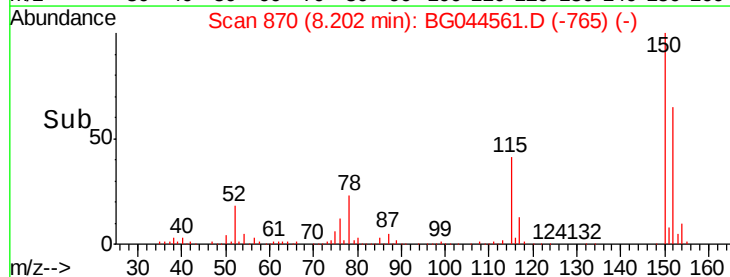
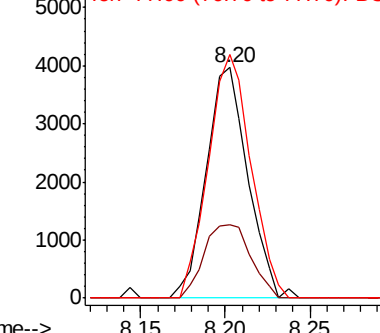
79 100

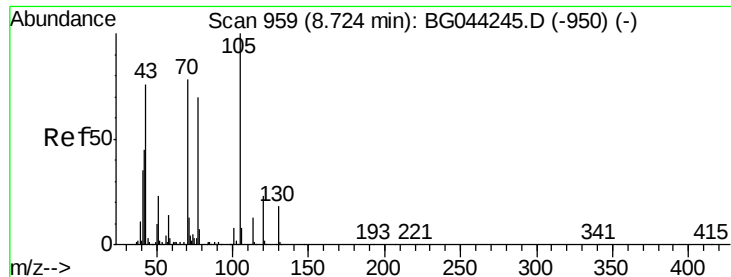
108 31.8 66.0 99.0#

77 105.6 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

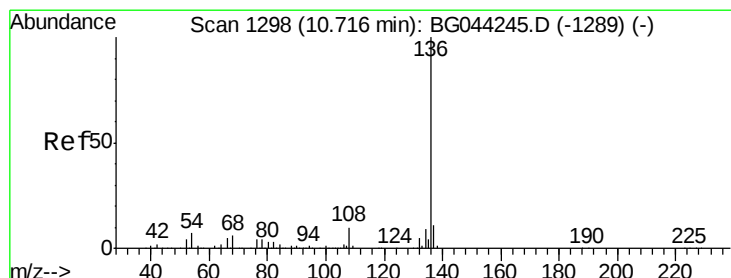
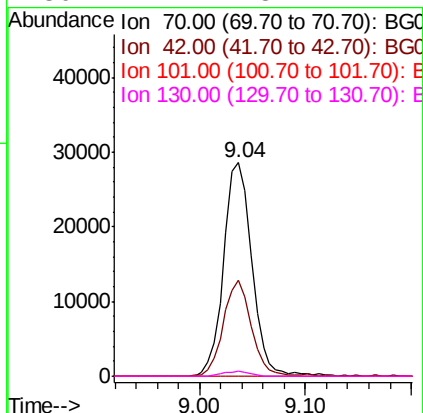
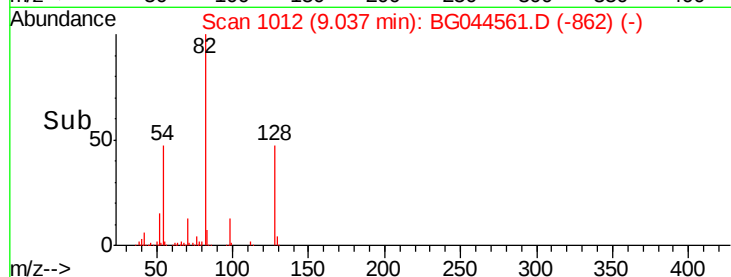
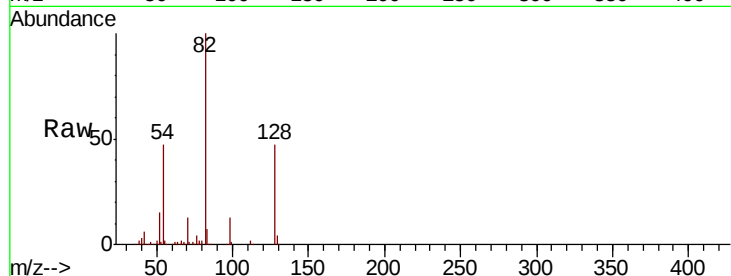




#19
n-Nitroso-di-n-propylamine
Concen: 17.222 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.35 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

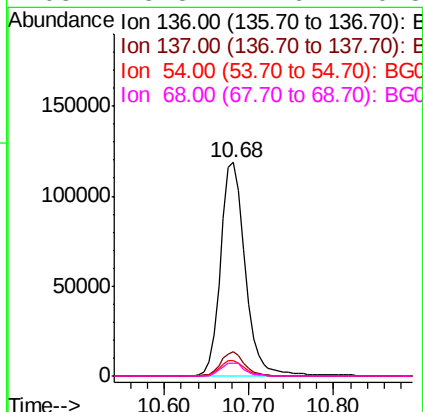
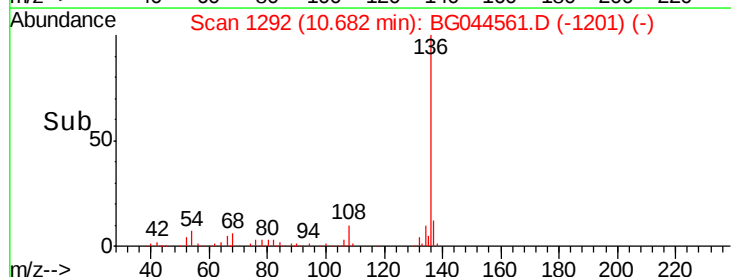
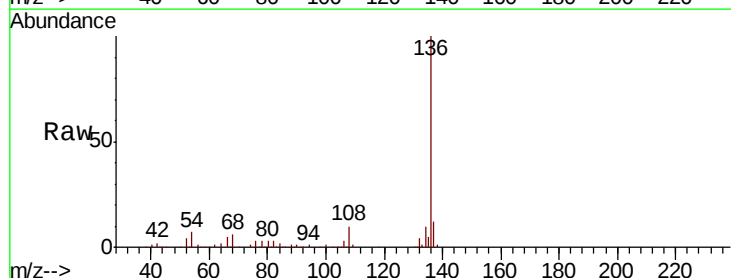
Instrument :
BNA_G
ClientSampleId :

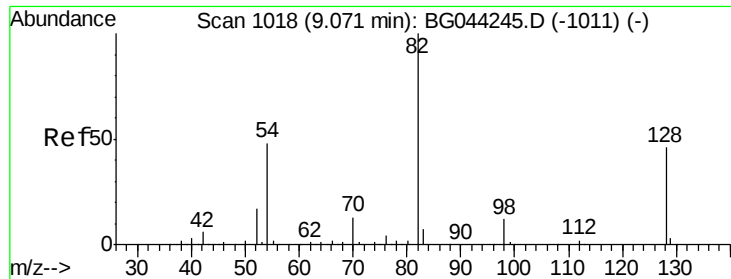
Tot Ion: 70 Resp: 53099
Ion Ratio Lower Upper
70 100
42 44.9 44.0 66.0
101 0.0 7.6 11.4#
130 2.4 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Tgt Ion: 136 Resp: 240316
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 7.2 5.5 8.3
68 5.8 4.6 6.8

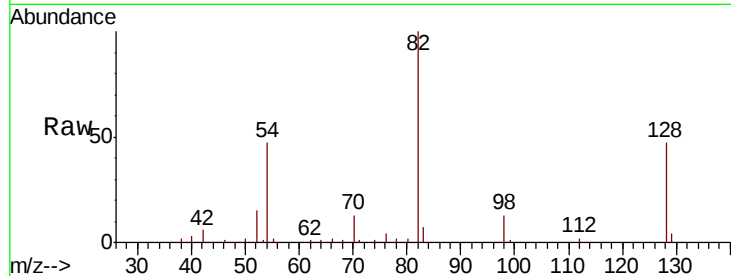




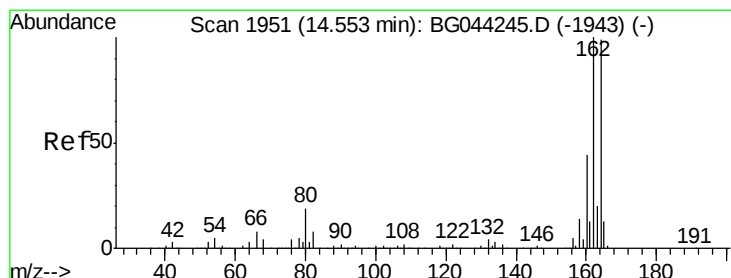
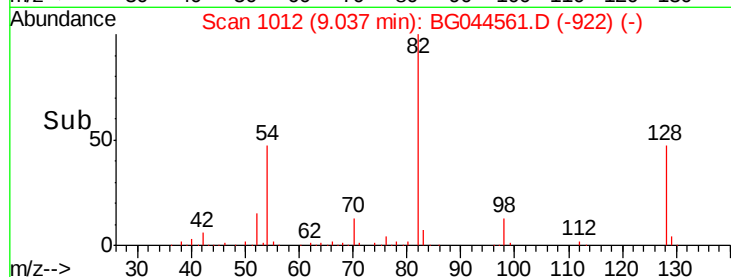
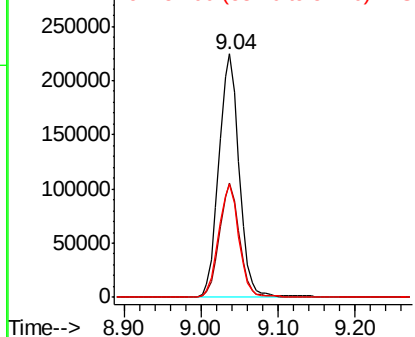
#23
Nitrobenzene-d5
Concen: 96.593 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	411165
Ion Ratio	100	Lower	Upper
128	46.9	39.1	58.7
54	46.5	37.9	56.9

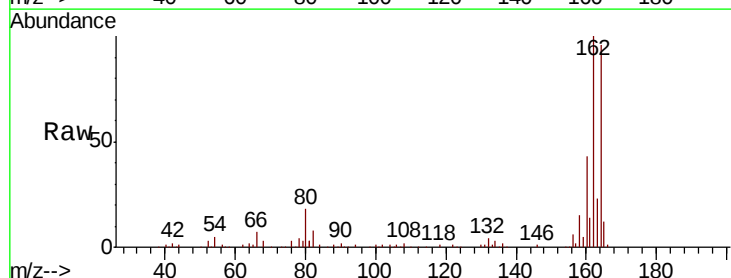


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

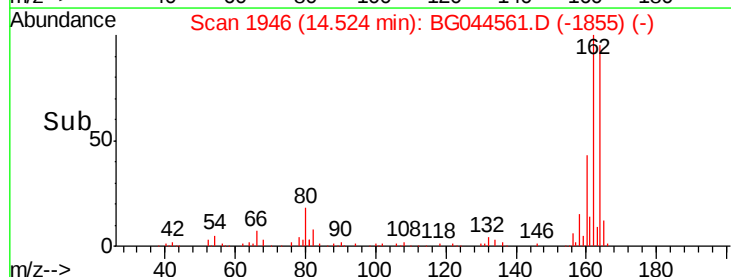
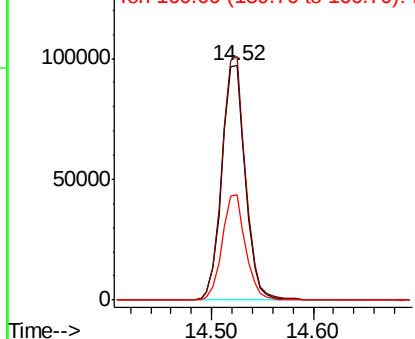


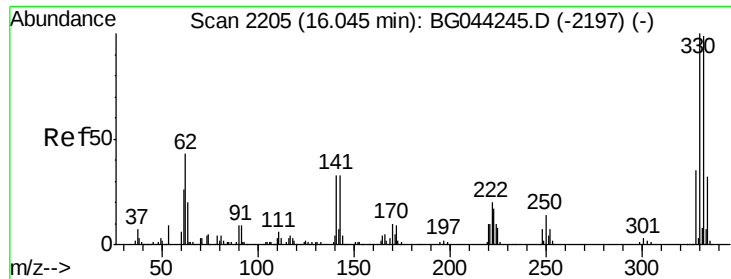
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Tgt Ion	164	Resp	156379
Ion Ratio	100	Lower	Upper
162	103.8	81.9	122.9
160	45.1	35.5	53.3



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: 164.481 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

Instrument :

BNA_G

ClientSampled :

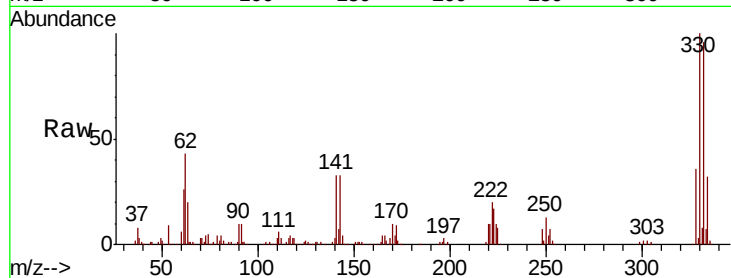
Tot Ion:330 Resp: 301954

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 34.0 26.5 39.7

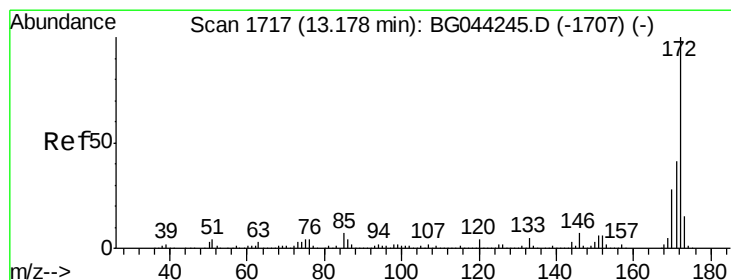
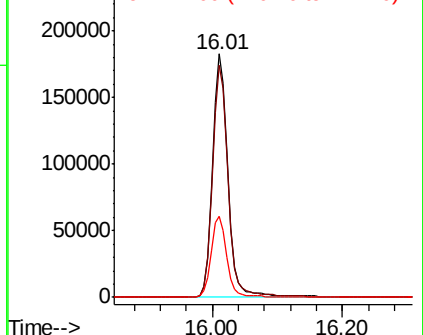
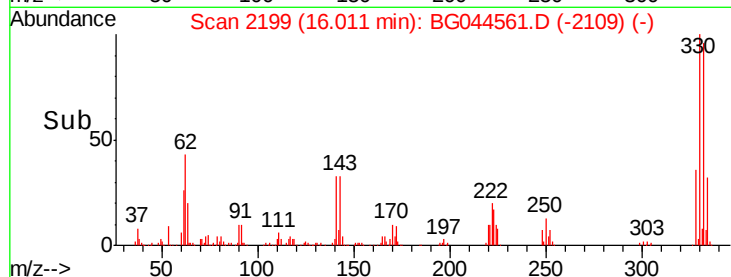


Abundance

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: 102.201 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

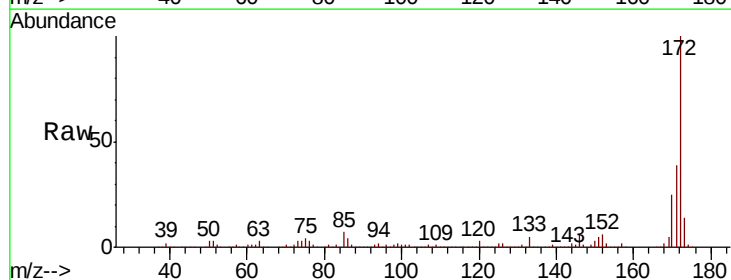
Tgt Ion:172 Resp: 954409

Ion Ratio Lower Upper

172 100

171 38.6 32.3 48.5

170 25.2 21.6 32.4

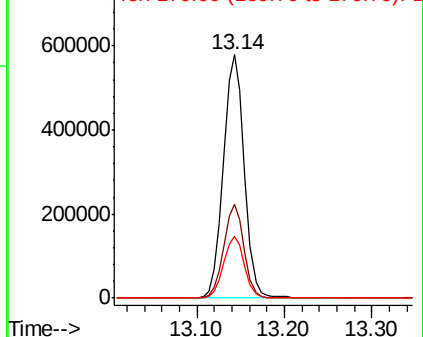
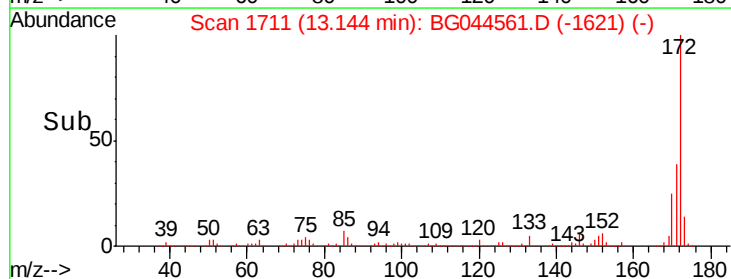


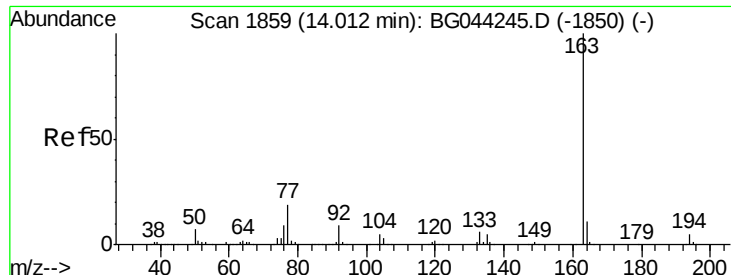
Abundance

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: 3.650 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

Instrument :

BNA_G

ClientSampled :

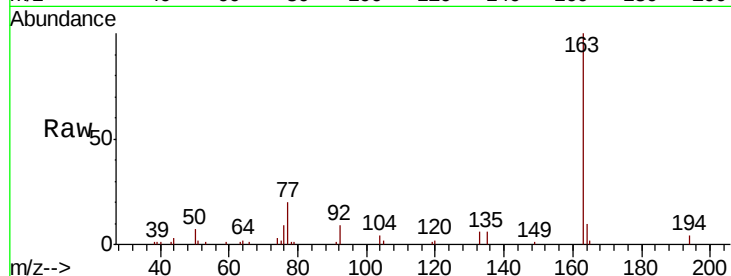
Tot Ion:163 Resp: 41034

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

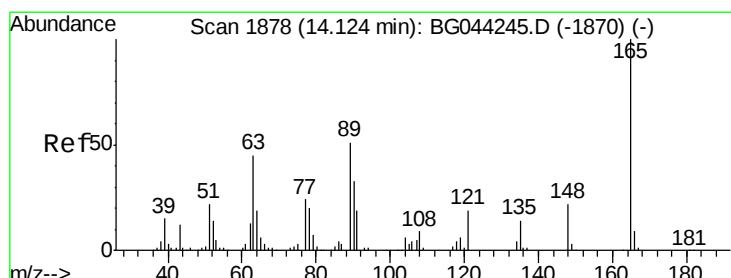
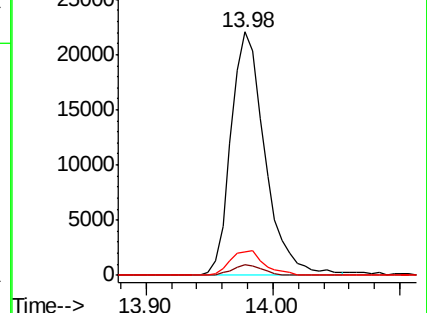
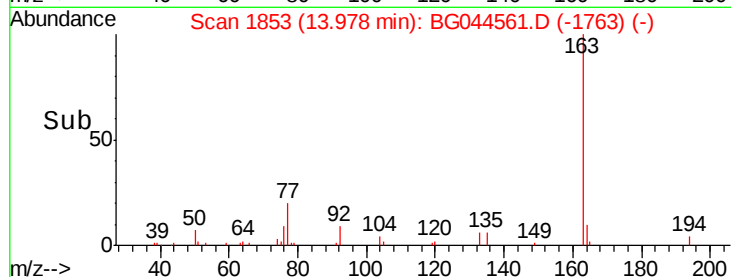
164 9.6 8.9 13.3



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: 7.980 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.42 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

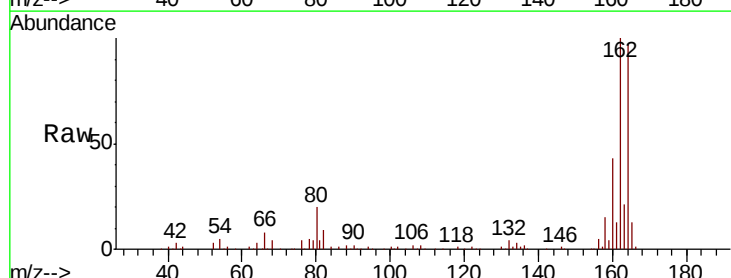
Tgt Ion:165 Resp: 20000

Ion Ratio Lower Upper

165 100

63 1.3 35.0 52.6#

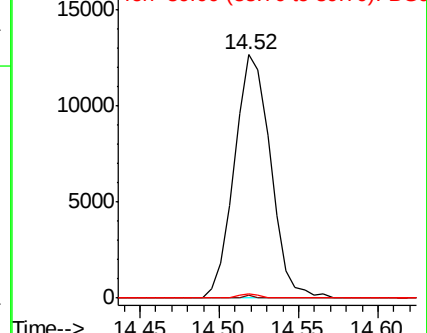
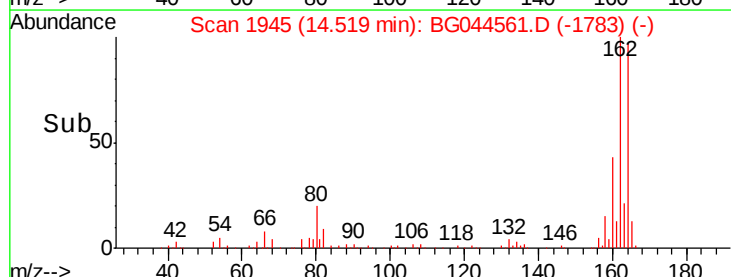
89 2.0 39.5 59.3#

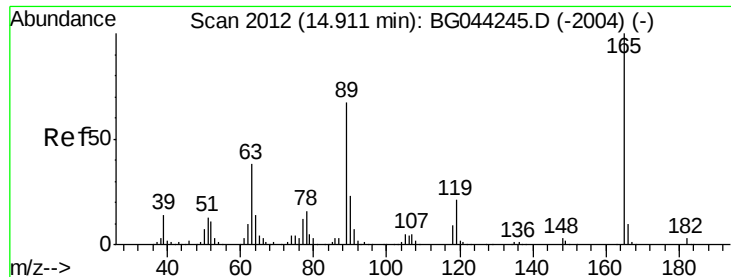


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

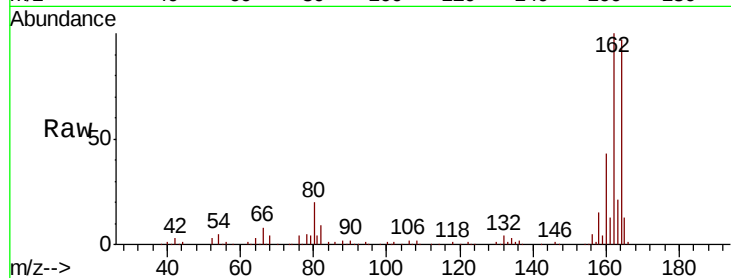




#57
 2,4-Dinitrotoluene
 Concen: 5.693 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044561.D
 Acq: 21 Feb 2020 22:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.6	42.8#
89	2.0	50.7	76.1#
182	0.0	2.1	3.1#



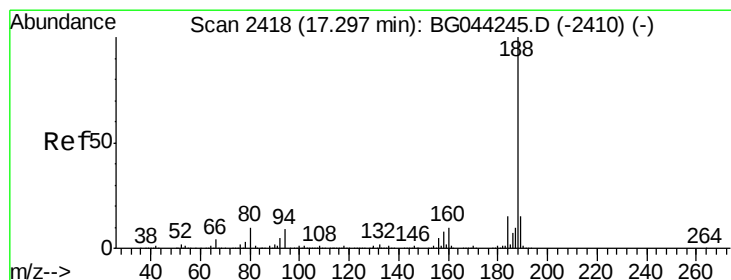
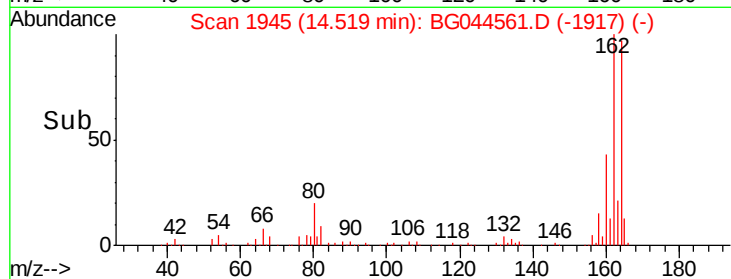
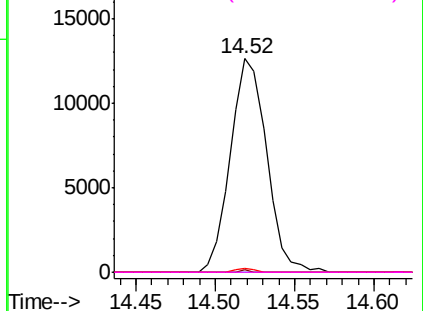
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

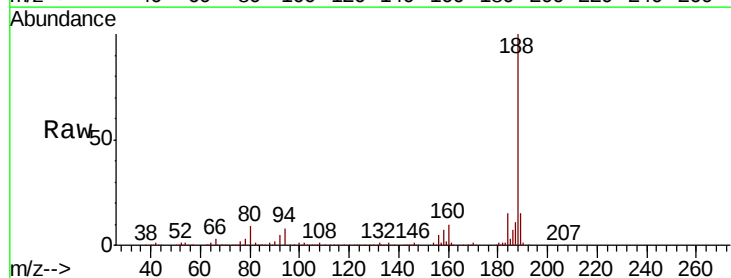
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG044561.D
 Acq: 21 Feb 2020 22:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.0
80	9.3	7.8	11.6

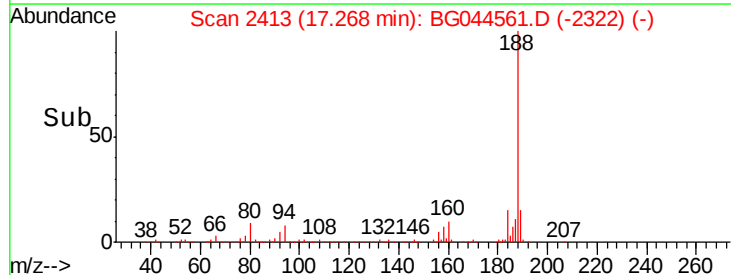
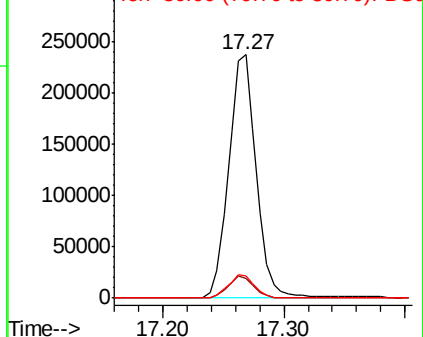


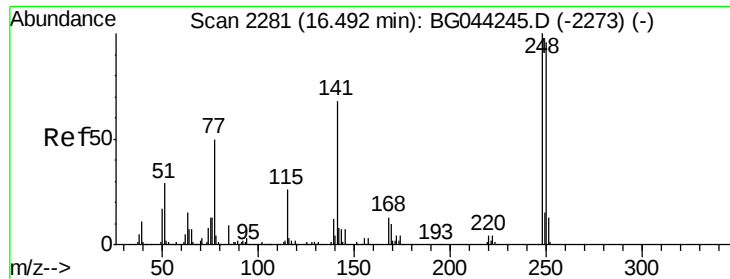
Abundance

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

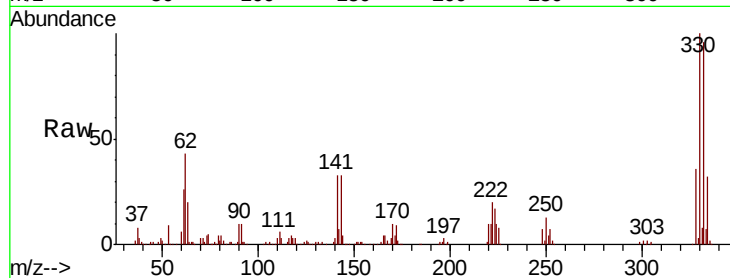




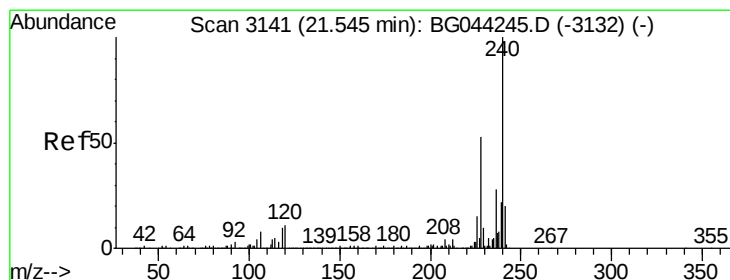
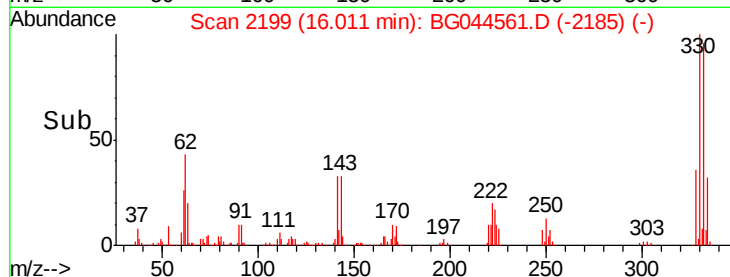
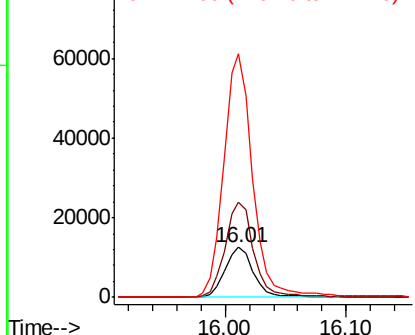
#67
4-Bromophenyl-phenylether
Concen: 5.073 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 20701
Ion Ratio Lower Upper
248 100
250 189.8 76.8 115.2#
141 485.8 50.0 75.0#

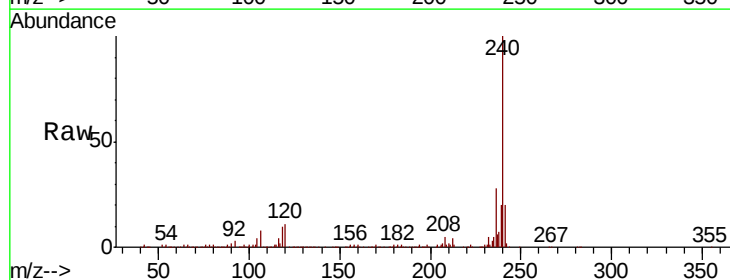


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

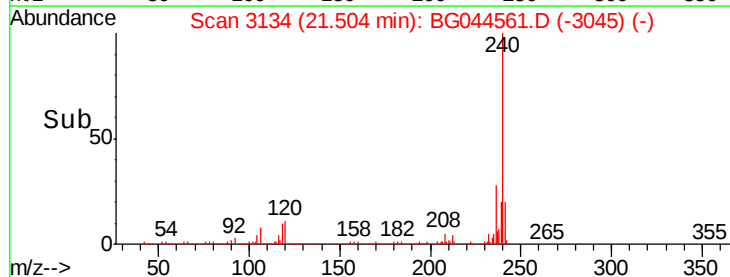
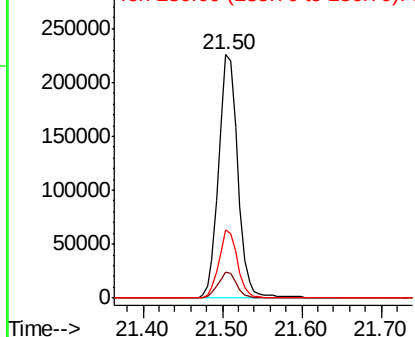


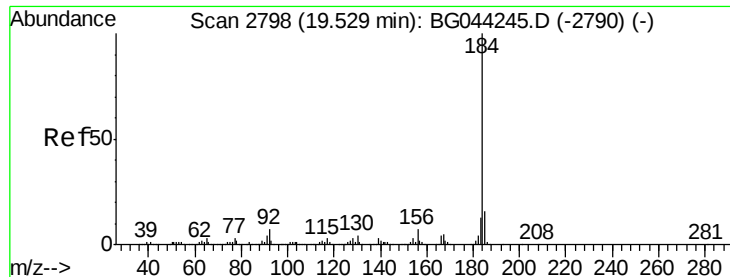
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Tgt Ion:240 Resp: 381747
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.2
236 27.9 22.0 33.0



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: 2.637 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.38 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

Instrument :

BNA_G

ClientSampled :

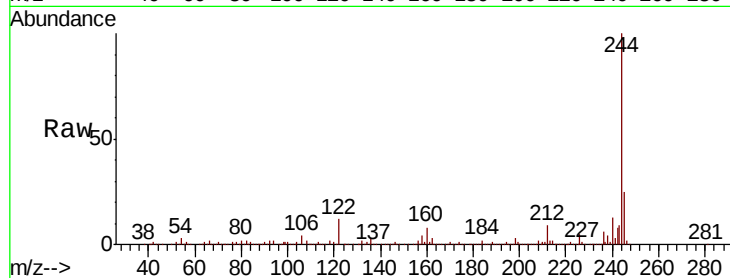
Tot Ion:184 Resp: 27924

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

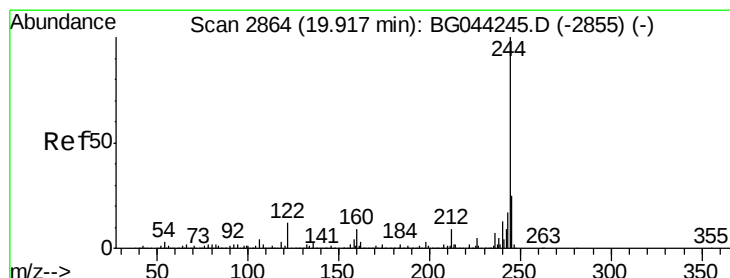
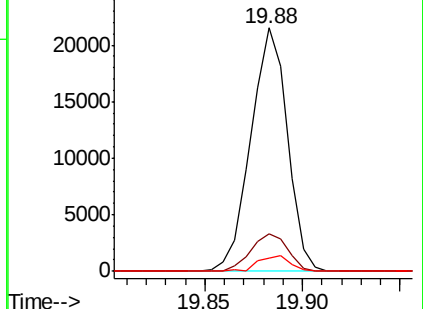
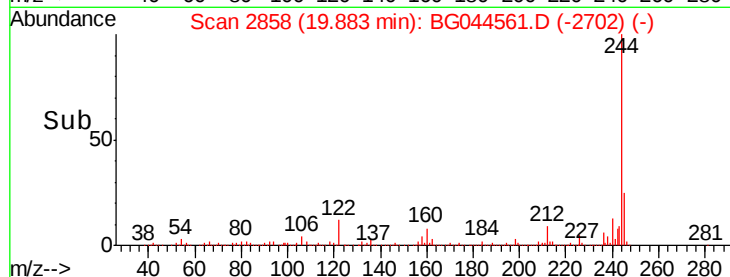
183 5.6 11.0 16.4#



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: 93.713 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044561.D

Acq: 21 Feb 2020 22:51

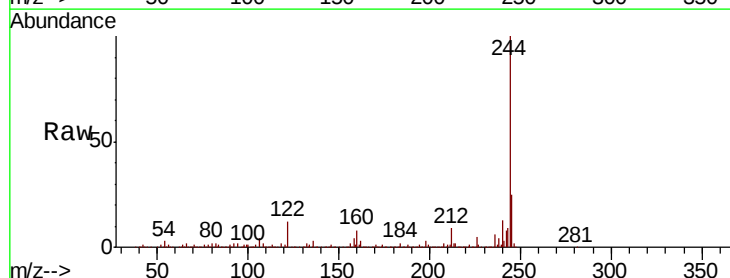
Tgt Ion:244 Resp: 1739272

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

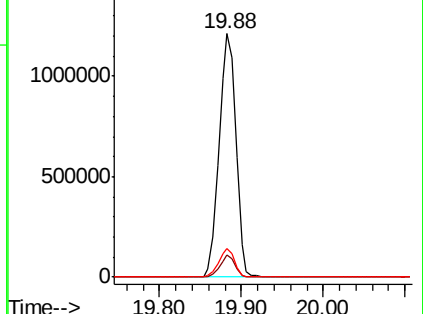
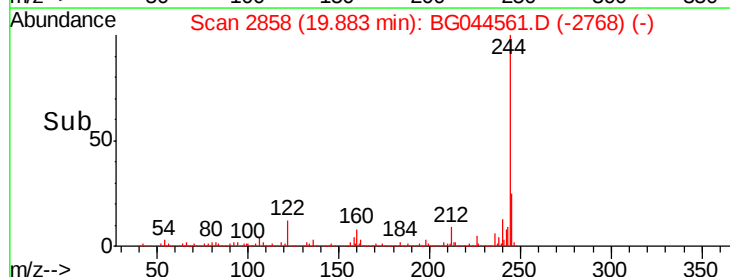
122 11.6 9.8 14.8

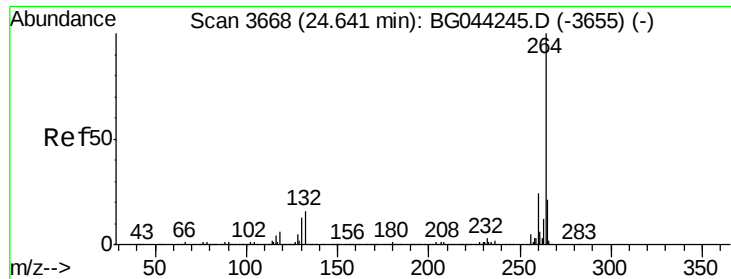


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

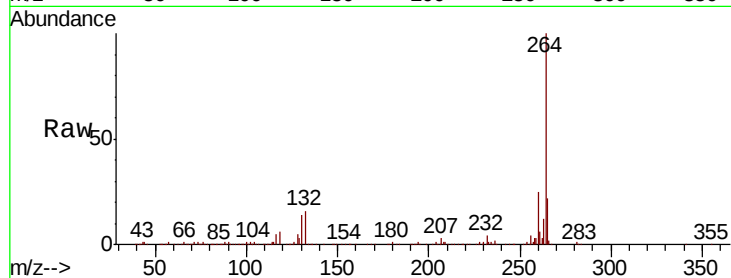




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BG044561.D
Acq: 21 Feb 2020 22:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	21.9	17.6	26.4



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

