

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044315.D
 Acq On : 5 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1390-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:13:03 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

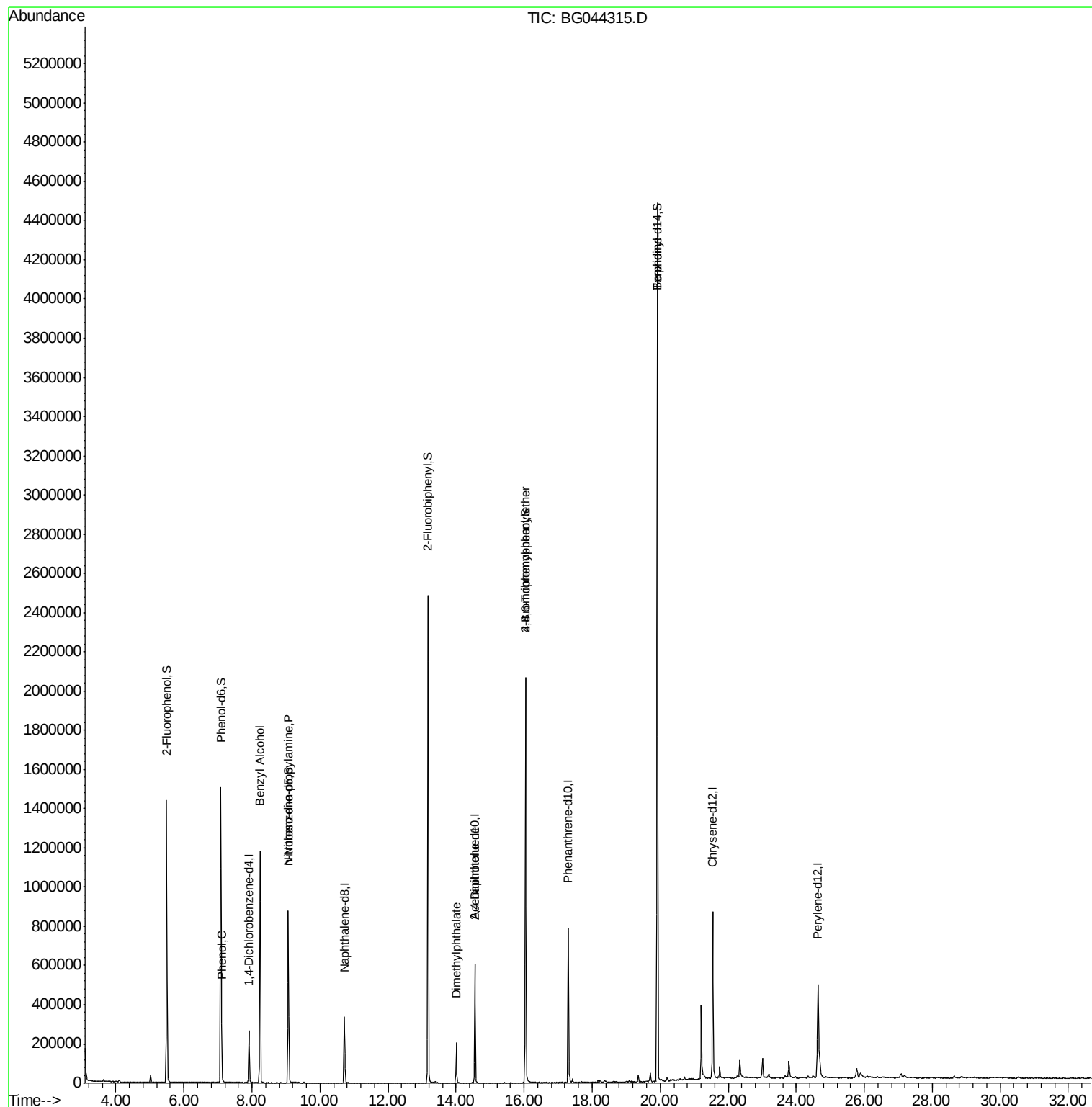
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	81167	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	327817	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	222554	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	527051	20.00	ng	0.00
76) Chrysene-d12	21.54	240	475855	20.00	ng	0.00
87) Perylene-d12	24.64	264	527727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	717279	155.96	ng	0.00
7) Phenol-d6	7.09	99	955089	154.65	ng	0.00
23) Nitrobenzene-d5	9.07	82	577609	99.48	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	415998	159.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1329919	100.07	ng	0.00
79) Terphenyl-d14	19.91	244	2121942	91.72	ng	0.00
Target Compounds						
10) Phenol	7.11	94	20097	3.288	ng	89
15) Benzyl Alcohol	8.23	79	9305	2.128	ng	# 53
19) n-Nitroso-di-n-propylamine	9.07	70	74685	18.145	ng	# 76
50) Dimethylphthalate	14.00	163	152643	9.541	ng	98
57) 2,4-Dinitrotoluene	14.55	165	30150	6.031	ng	# 27
67) 4-Bromophenyl-phenylether	16.04	248	29371	5.115	ng	# 1
77) Benzidine	19.91	184	35567	2.695	ng	# 91

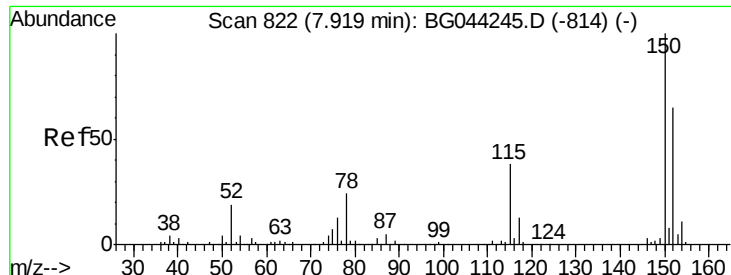
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044315.D
Acq On : 5 Feb 2020 22:02
Operator : CG/JU
Sample : L1390-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 06 01:13:03 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



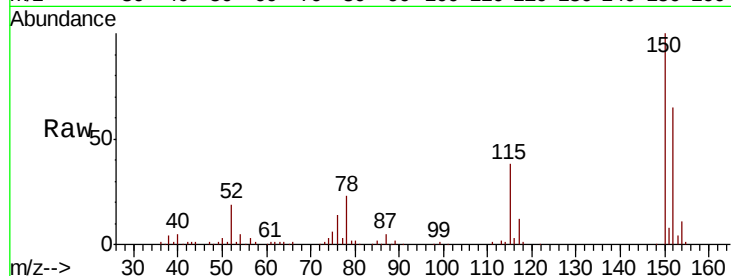


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	152	Resp	81167
Ion Ratio	100	Lower	Upper
152	100		
150	153.7	122.6	183.8
115	58.1	46.0	69.0

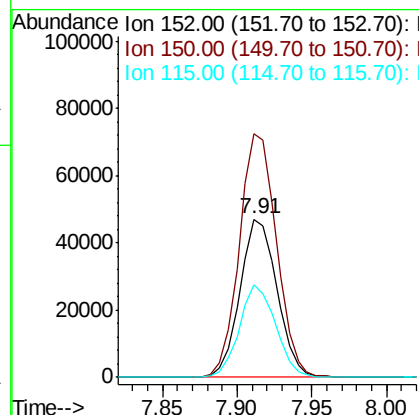
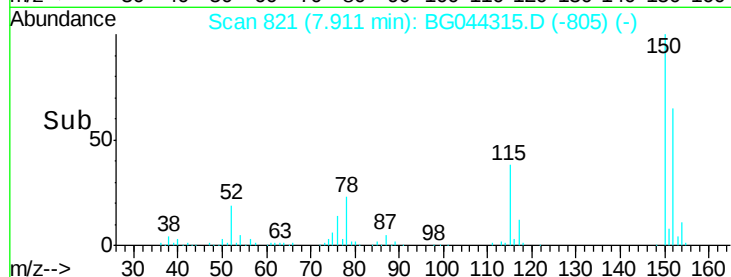


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

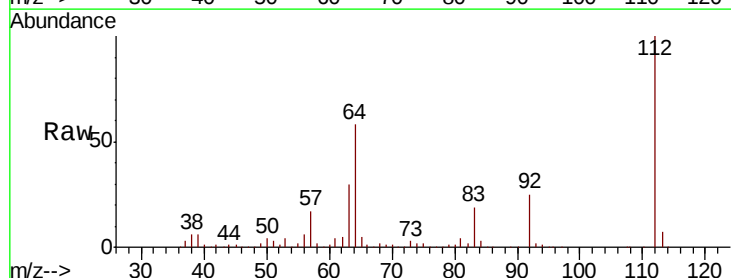
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 155.960 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Tgt Ion	112	Resp	717279
Ion Ratio	100	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	29.8	22.9	34.3

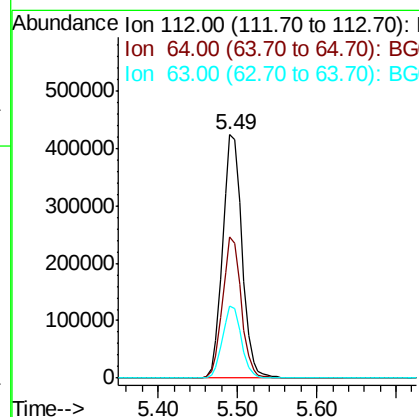
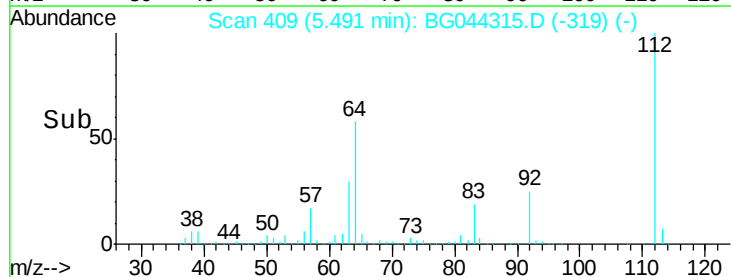


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 154.647 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Instrument :

BNA_G

ClientSampled :

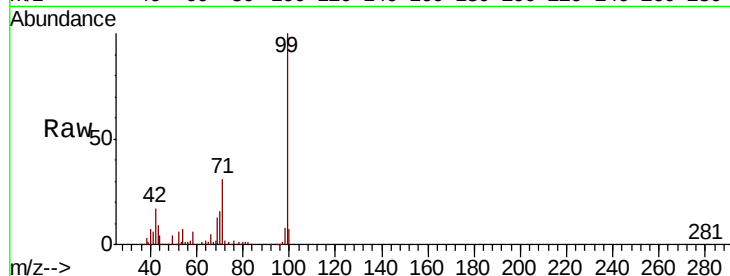
Tot Ion: 99 Resp: 955089

Ion Ratio Lower Upper

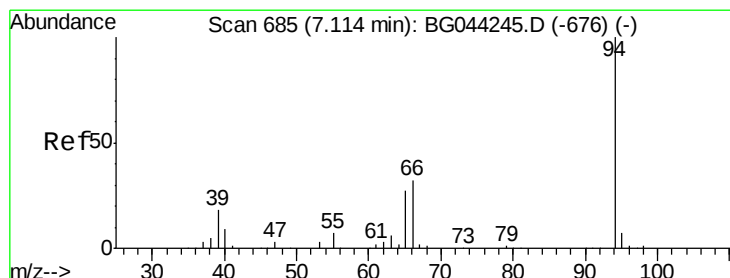
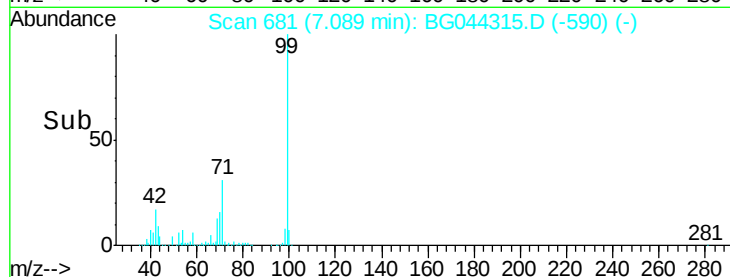
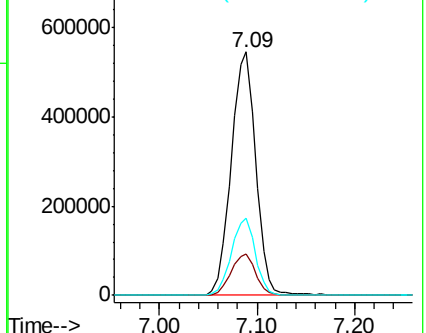
99 100

42 17.2 13.8 20.6

71 31.5 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: 3.288 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

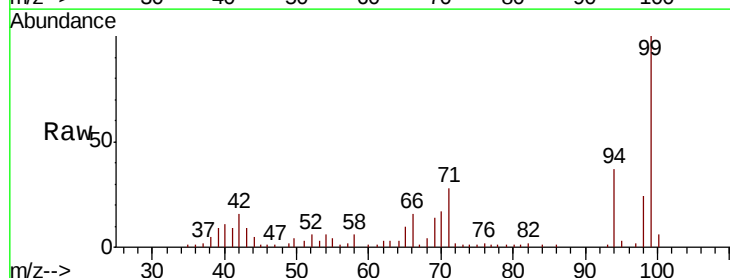
Tgt Ion: 94 Resp: 20097

Ion Ratio Lower Upper

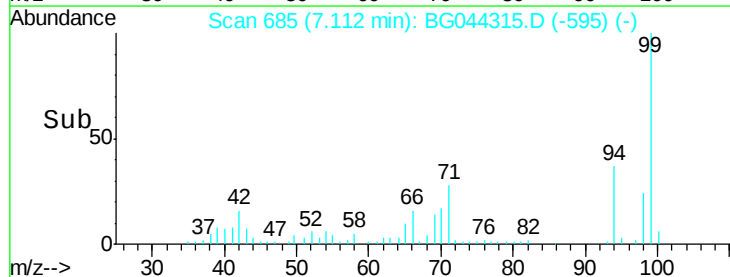
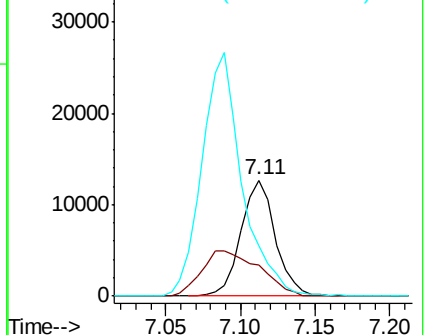
94 100

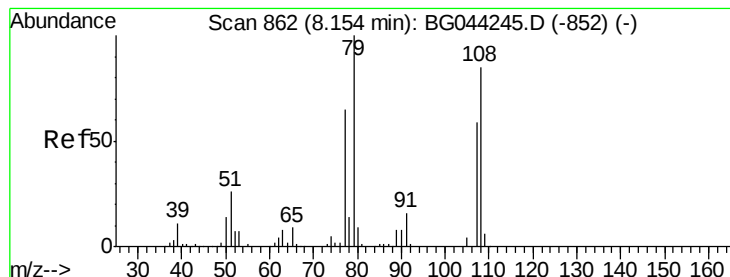
65 26.5 7.0 47.0

66 43.9 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





#15

Benzyl Alcohol

Concen: 2.128 ng

RT: 8.23 min Scan# 876

Delta R.T. 0.08 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

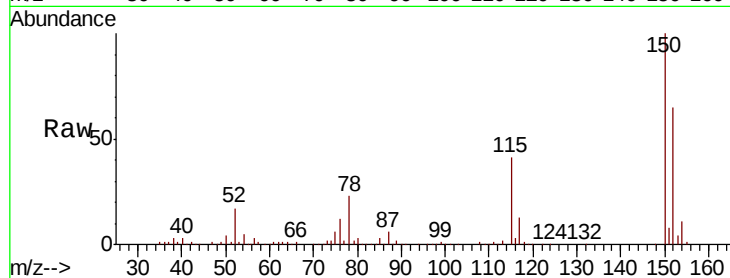
Tot Ion: 79 Resp: 9305

Ion Ratio Lower Upper

79 100

108 34.9 68.3 102.5#

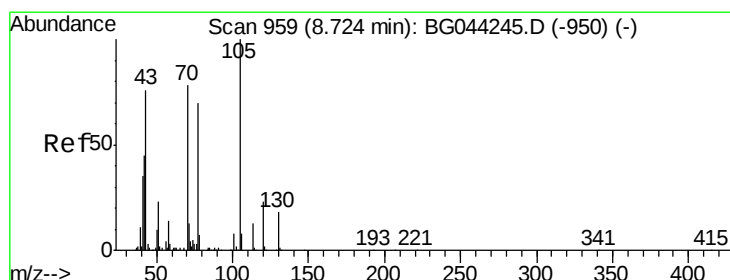
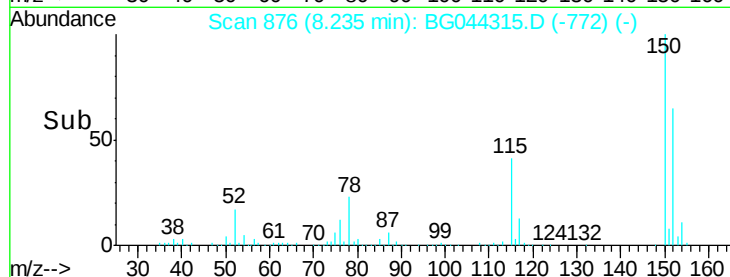
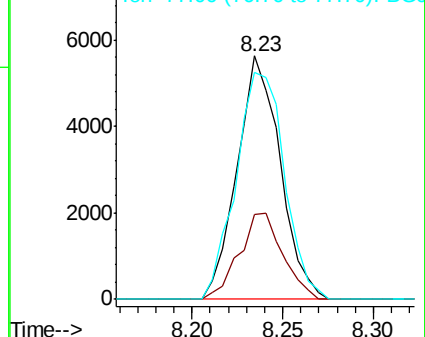
77 93.0 51.8 77.8#



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: 18.145 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.34 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Tgt Ion: 70 Resp: 74685

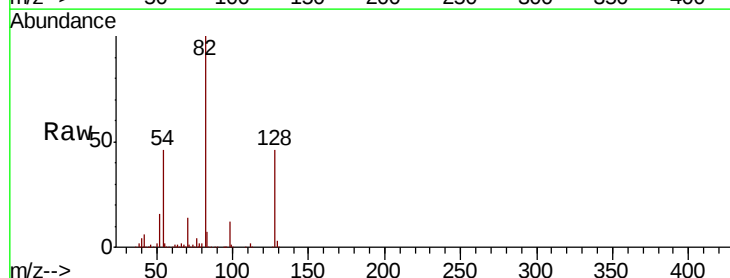
Ion Ratio Lower Upper

70 100

42 45.6 46.2 69.2#

101 0.0 8.4 12.6#

130 2.1 17.8 26.8#

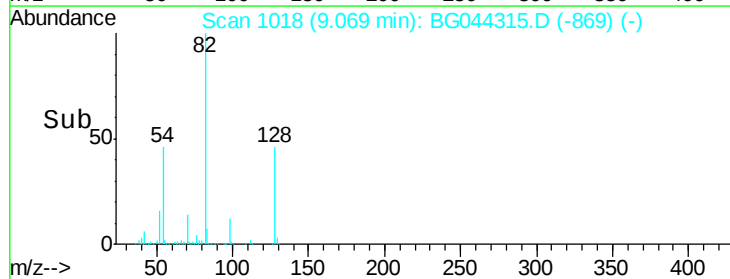
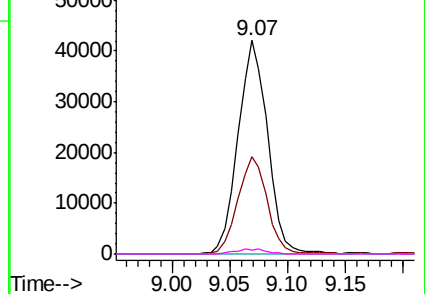


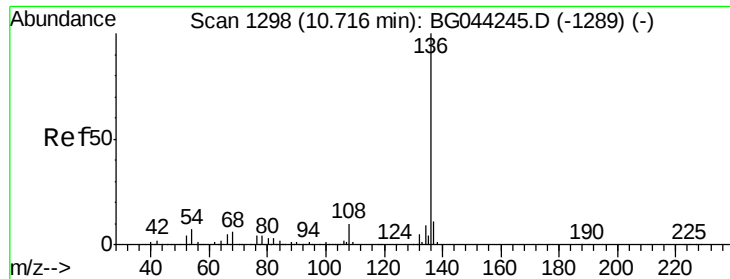
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

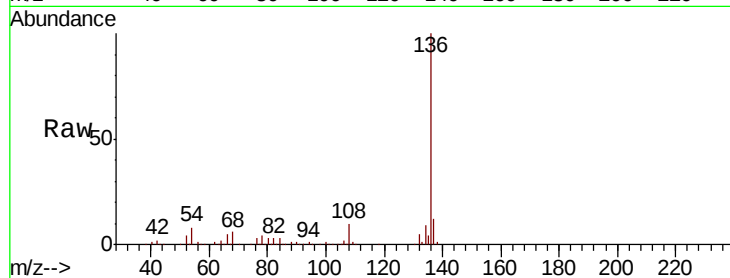




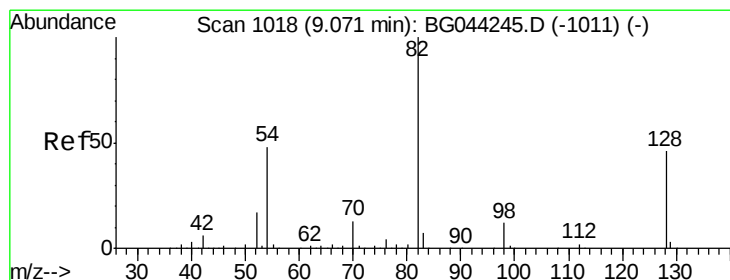
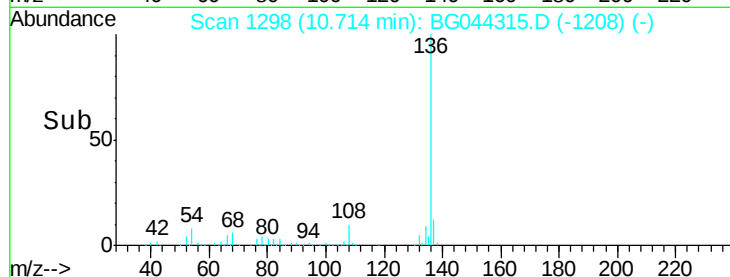
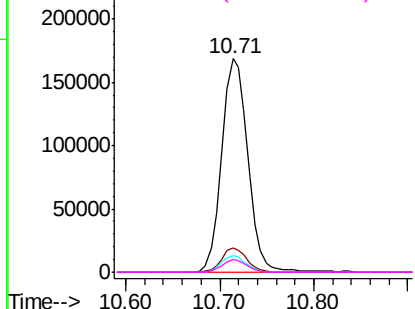
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	327817
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	7.6	5.8 8.8
68	6.0	4.6 6.8

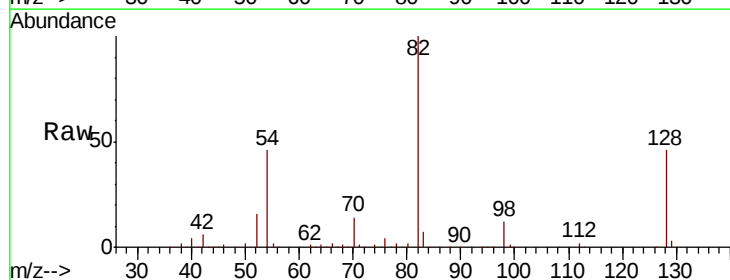


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

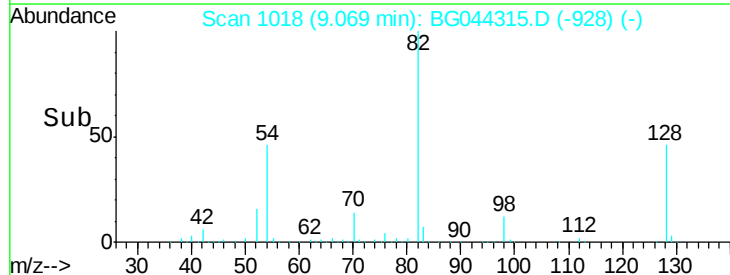
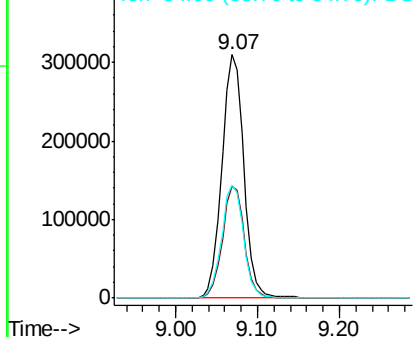


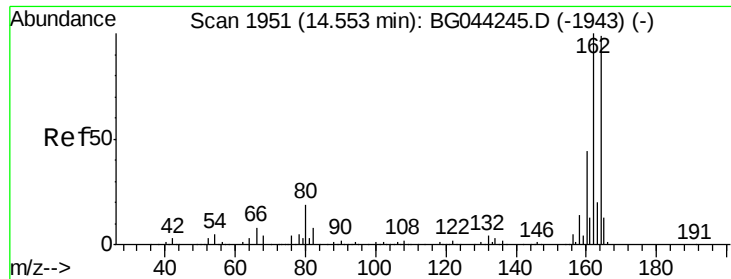
#23
Nitrobenzene-d5
Concen: 99.475 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Tgt Ion: 82	Resp:	577609
Ion	Ratio	Lower Upper
82	100	
128	46.2	36.5 54.7
54	46.3	38.6 58.0



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

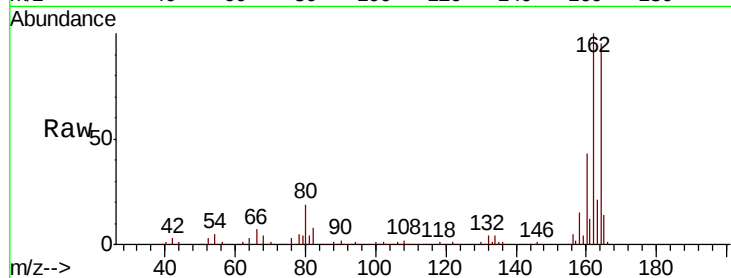




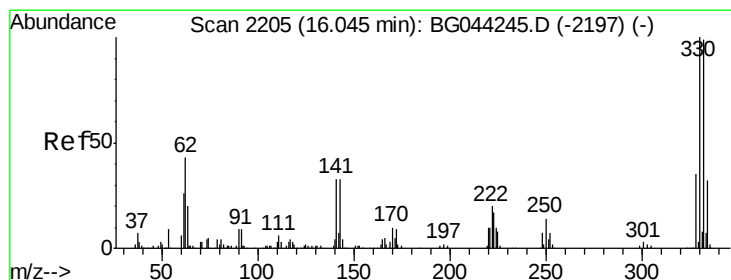
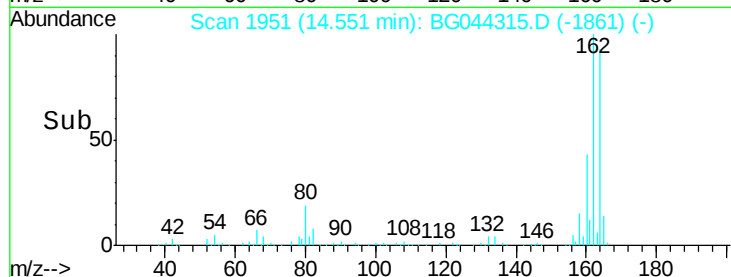
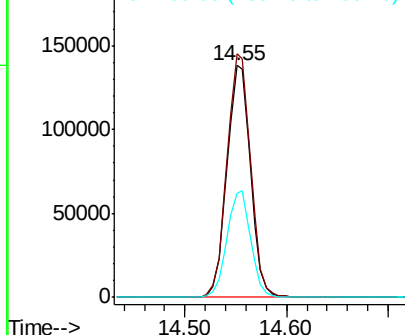
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	45.1	35.3	52.9

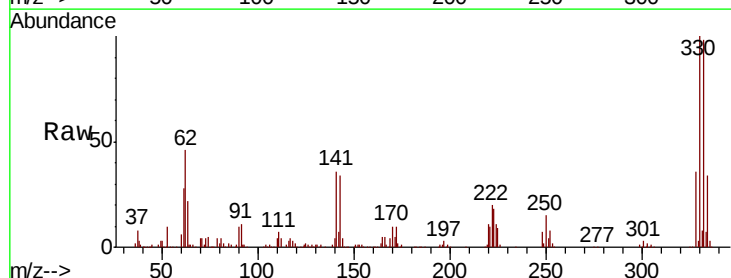


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

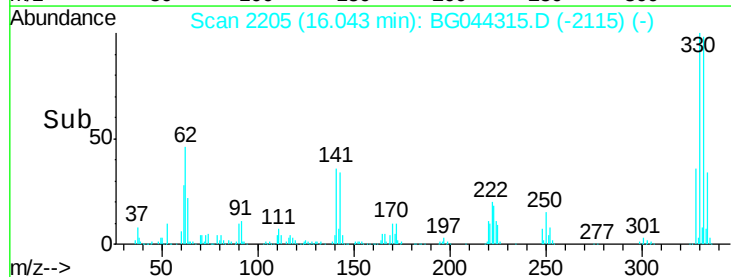
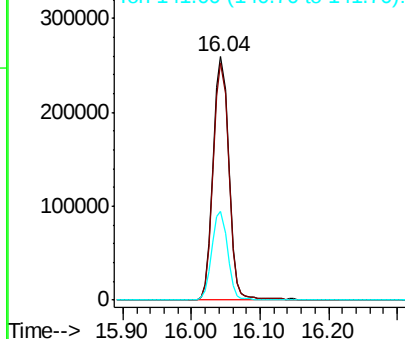


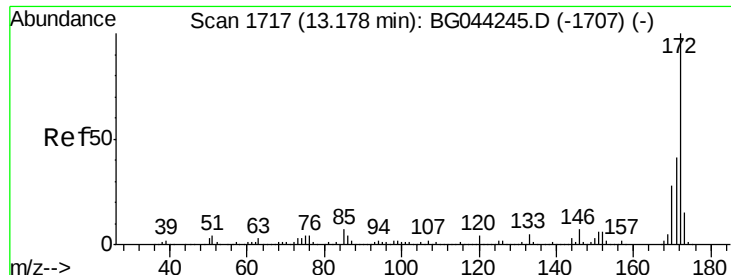
#42
2,4,6-Tribromophenol
Concen: 159.224 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044315.D
Acq: 5 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	36.4	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



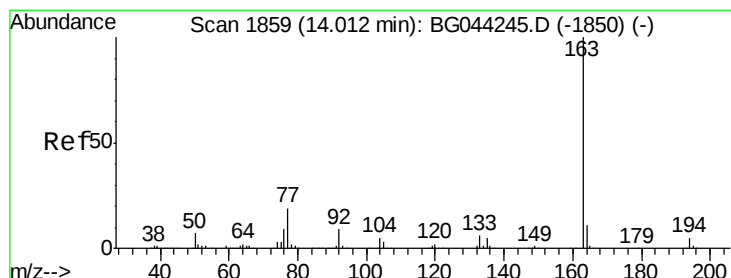
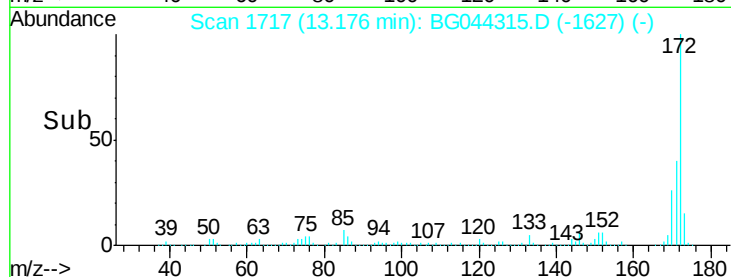
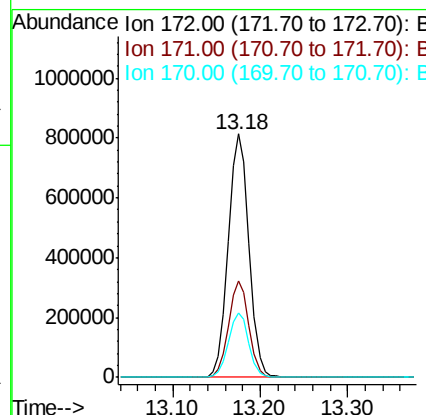
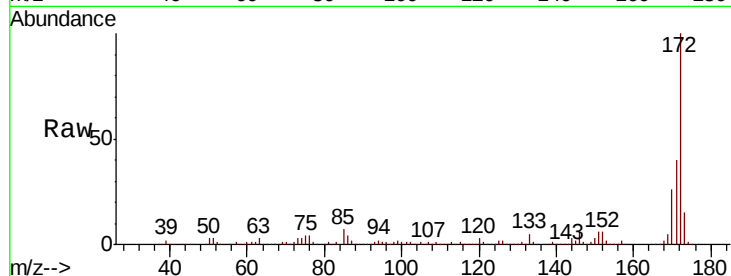


#45
 2-Fluorobiphenyl
 Concen: 100.067 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1329919

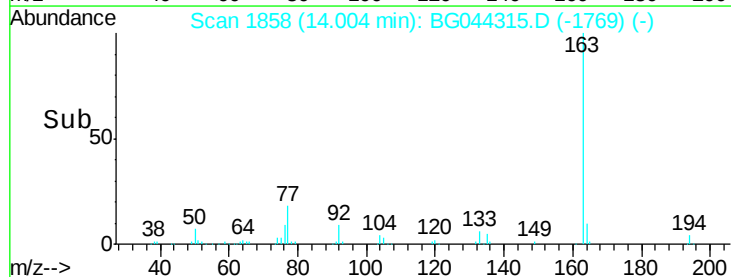
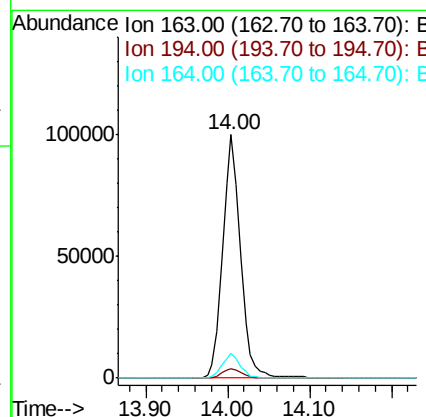
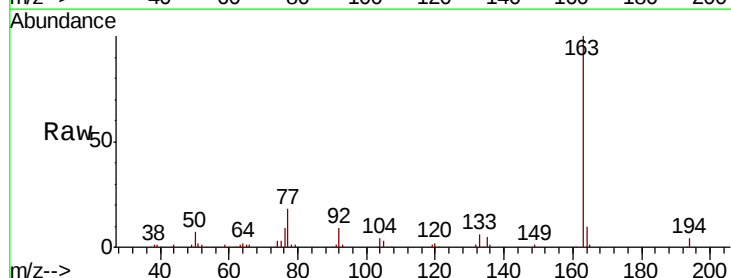
Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.9	49.3
170	26.4	22.0	33.0

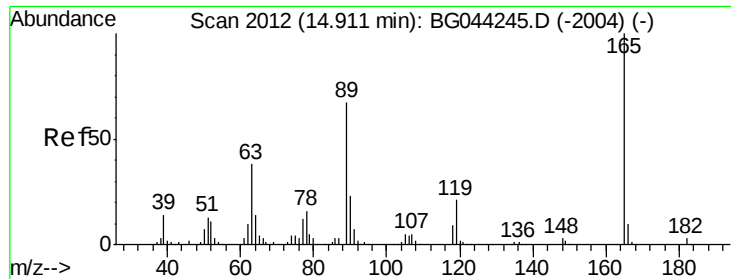


#50
 Dimethylphthalate
 Concen: 9.541 ng
 RT: 14.00 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Tgt Ion:163 Resp: 152643

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.3	8.7	13.1

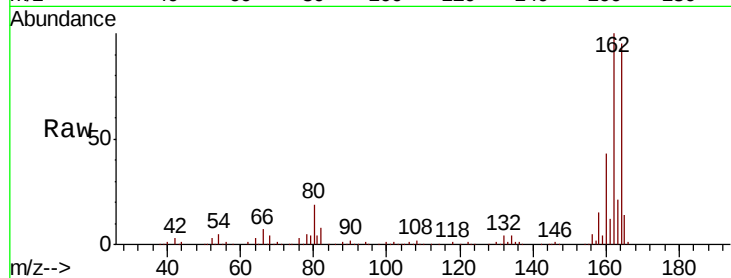




#57
 2,4-Dinitrotoluene
 Concen: 6.031 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.2	53.4	80.2#
182	0.0	2.1	3.1#

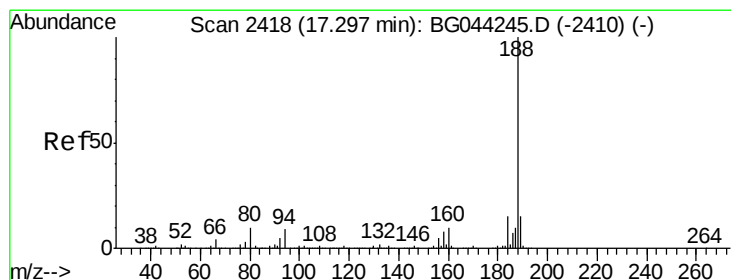
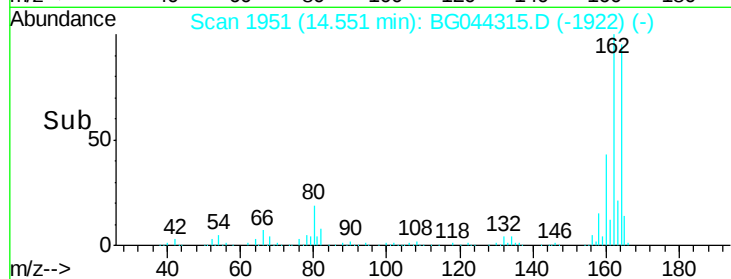
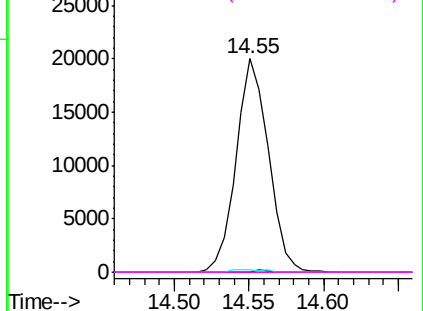


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

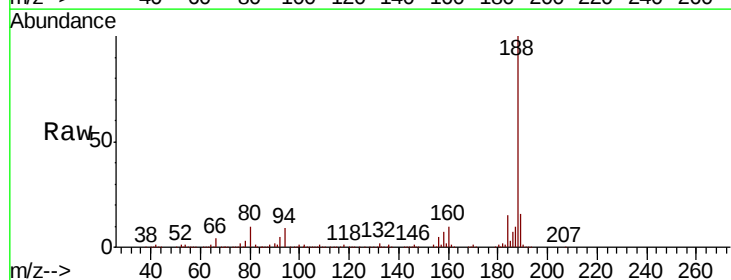
Ion 89.00 (88.70 to 89.70): BGC

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: BG044315.D
 Acq: 5 Feb 2020 22:02

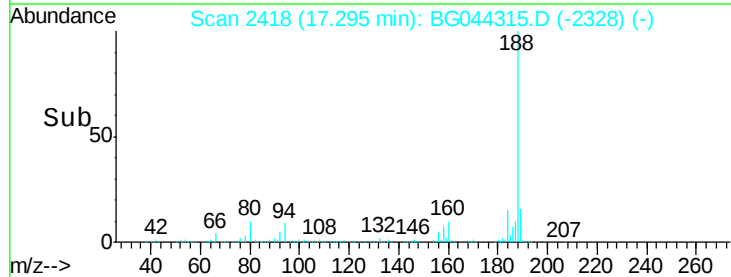
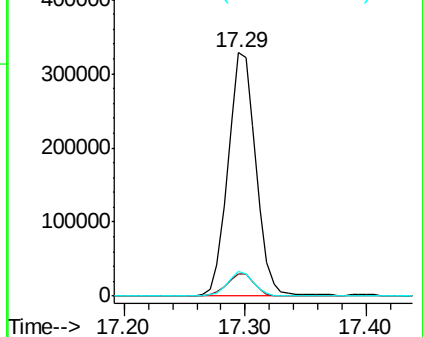
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.9	7.7	11.5

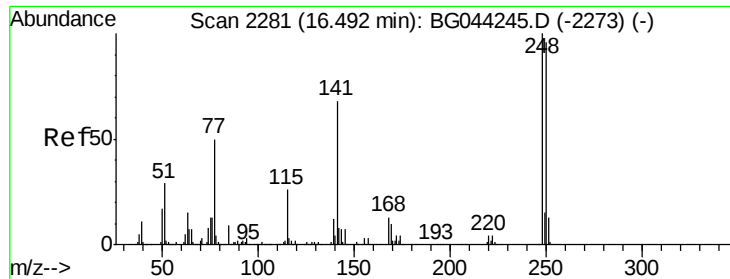


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

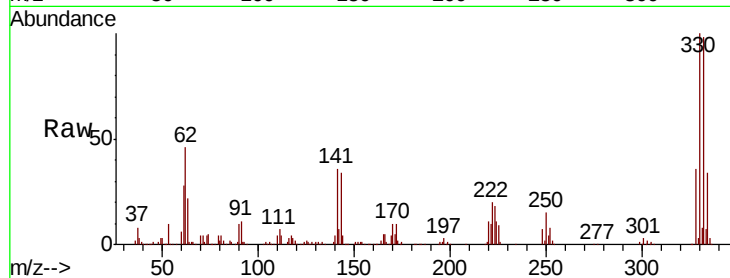




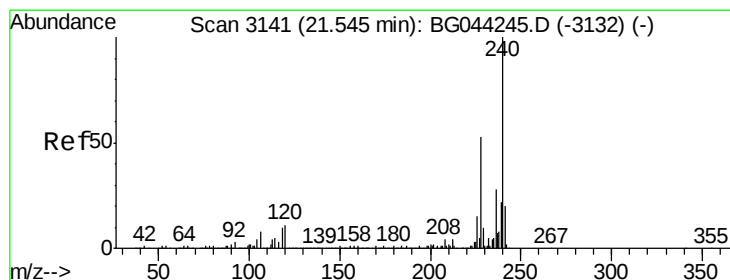
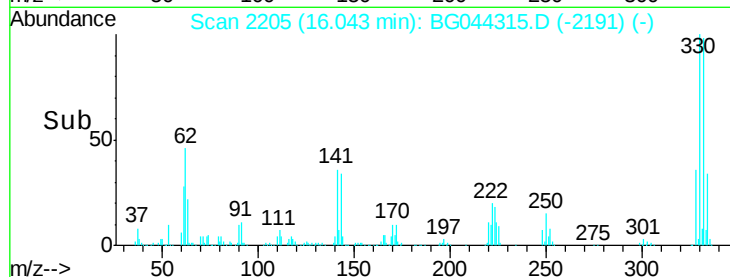
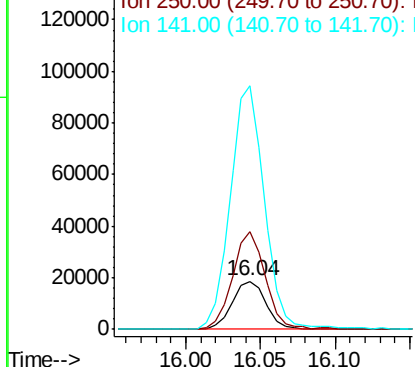
#67
 4-Bromophenyl-phenylether
 Concen: 5.115 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.45 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 29371
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.6 114.8#
 141 502.9 54.7 82.1#

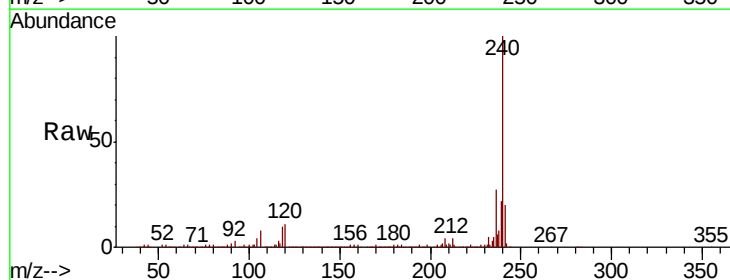


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

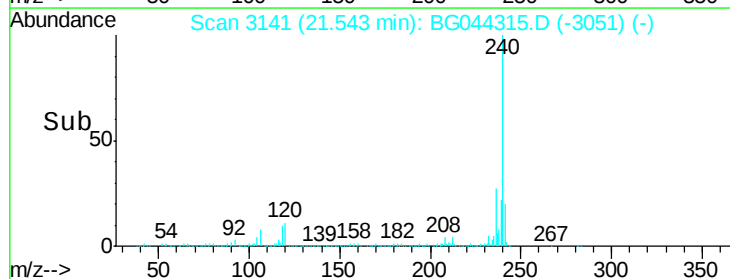
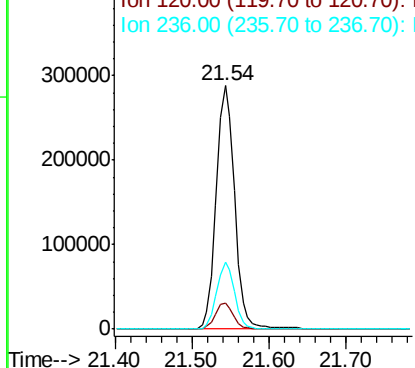


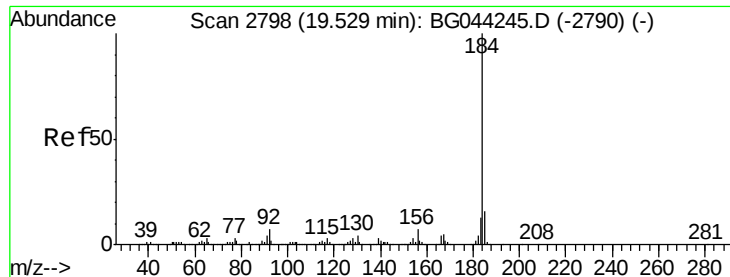
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044315.D
 Acq: 5 Feb 2020 22:02

Tgt Ion:240 Resp: 475855
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 27.3 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: 2.695 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

Instrument :

BNA_G

ClientSampleId :

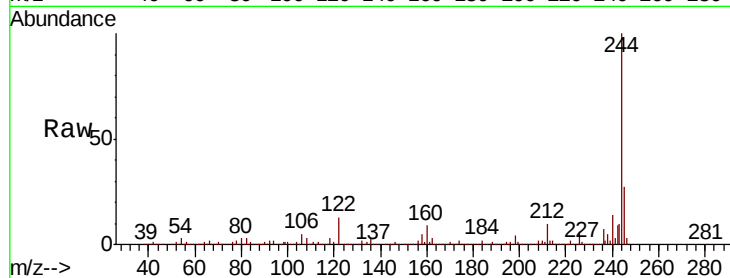
Tot Ion:184 Resp: 35567

Ion Ratio Lower Upper

184 100

185 15.5 12.9 19.3

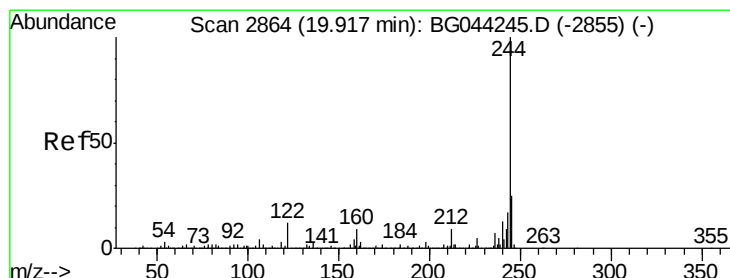
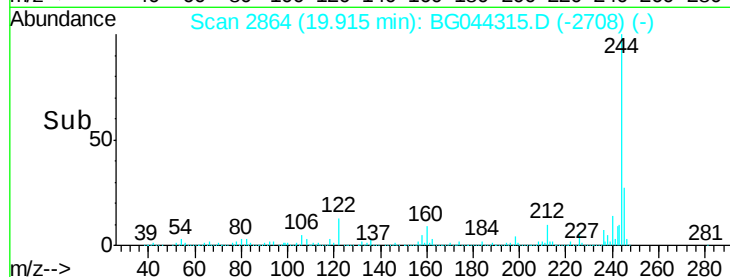
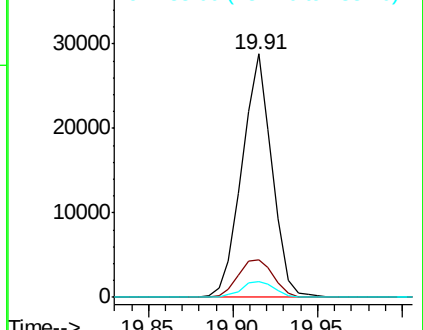
183 6.3 10.8 16.2#



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: 91.720 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044315.D

Acq: 5 Feb 2020 22:02

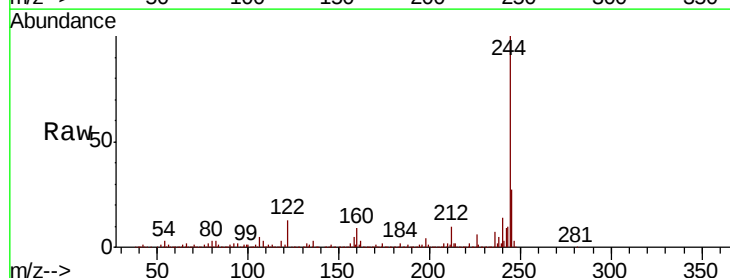
Tgt Ion:244 Resp: 2121942

Ion Ratio Lower Upper

244 100

212 9.9 7.4 11.2

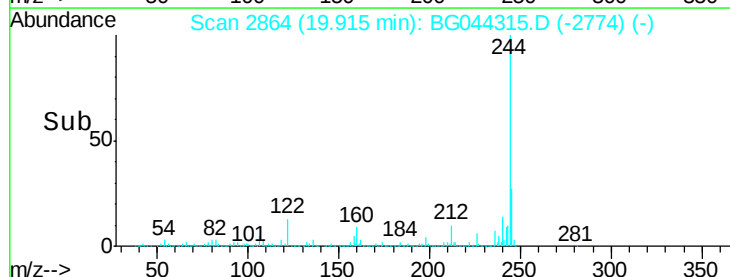
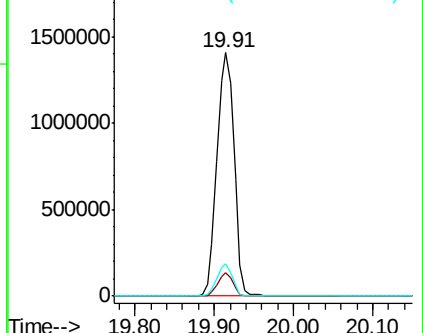
122 13.1 9.8 14.6

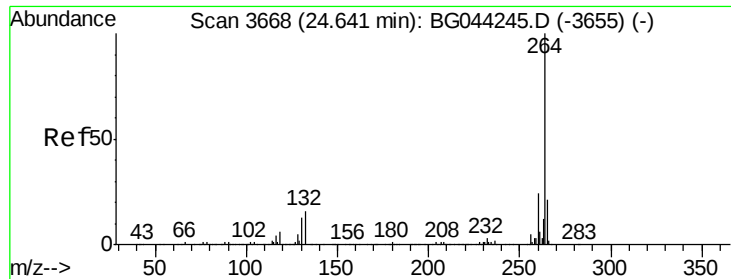


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG044315.D
Acq: 5 Feb 2020 22:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.3	16.7	25.1

