

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044224.D
 Acq On : 27 Jan 2020 20:46
 Operator : CG/JU
 Sample : L1262-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B10(0-15)

Quant Time: Jan 28 00:41:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

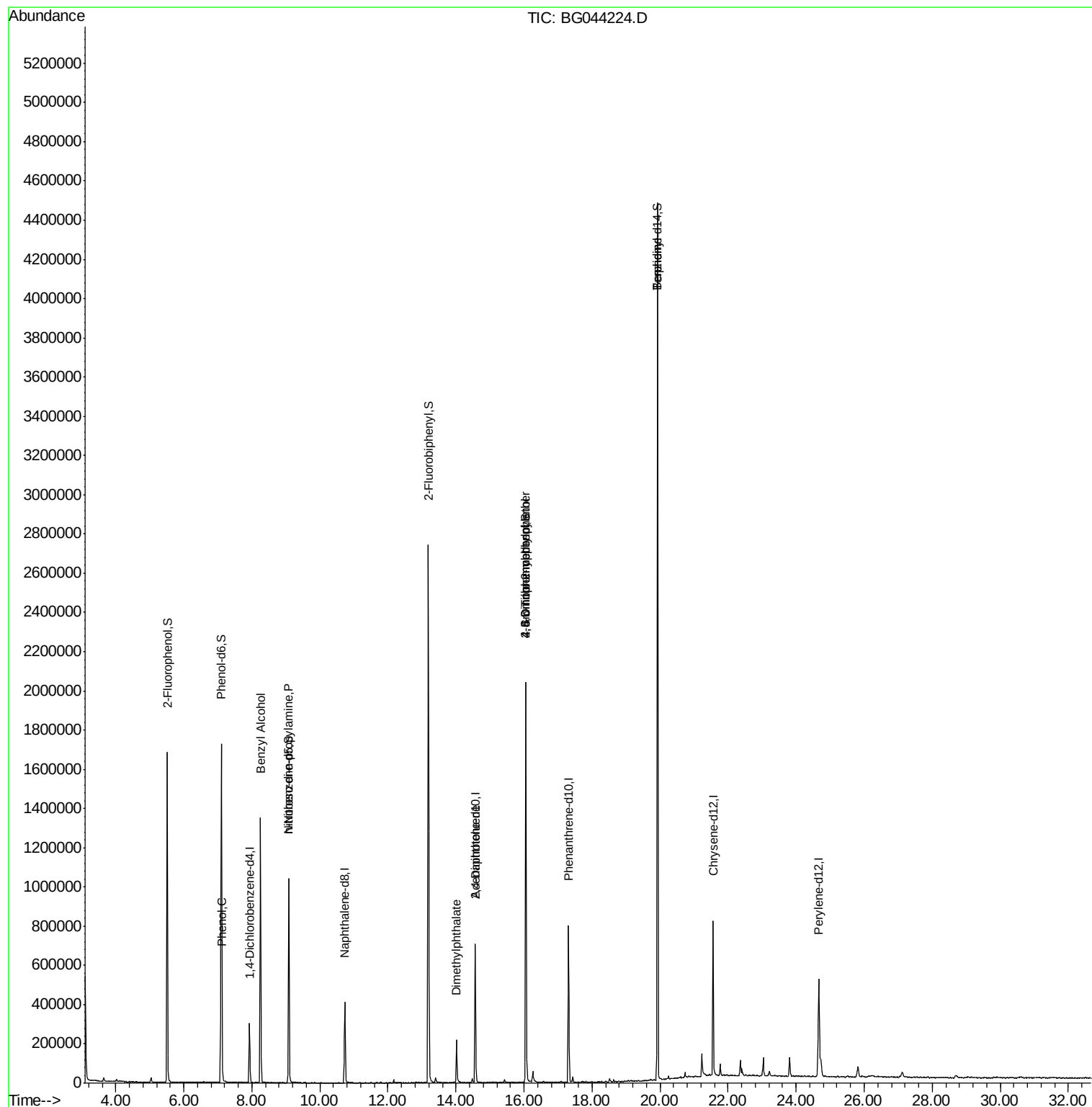
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	88206	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	396156	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	265450	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	518253	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	457984	20.00	ng	-0.03
87) Perylene-d12	24.67	264	511437	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	815538	169.76	ng	-0.03
7) Phenol-d6	7.10	99	1116740	166.30	ng	-0.02
23) Nitrobenzene-d5	9.08	82	677706	91.52	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	407591	146.73	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1536823	104.89	ng	-0.03
79) Terphenyl-d14	19.92	244	2021589	116.80	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	32404	4.684	ng	92
15) Benzyl Alcohol	8.26	79	10736	2.026	ng	# 47
19) n-Nitroso-di-n-propylamine	9.08	70	87839	17.565	ng	# 77
50) Dimethylphthalate	14.01	163	181674	9.639	ng	97
57) 2,4-Dinitrotoluene	14.57	165	35030	6.043	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.05	198	1288	4.828	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	28544	4.897	ng	# 1
77) Benzidine	19.92	184	35229	3.060	ng	# 89

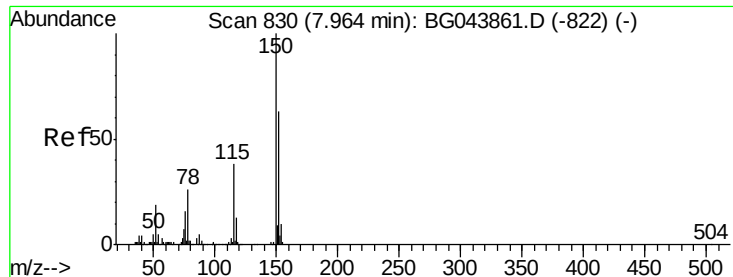
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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BNA_G
ClientSampleId :
B10(0-15)

Quant Time: Jan 28 00:41:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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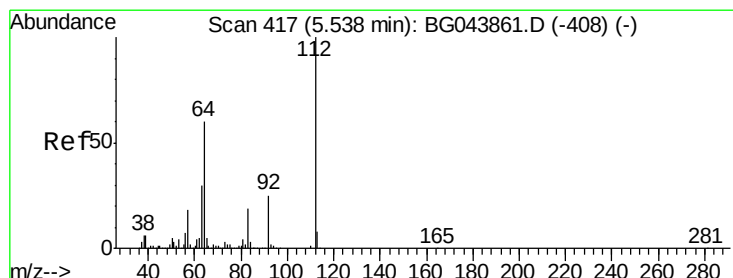
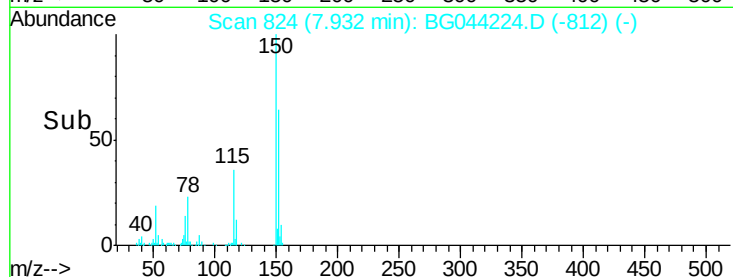
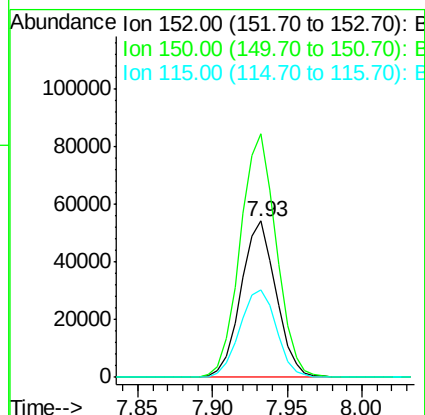
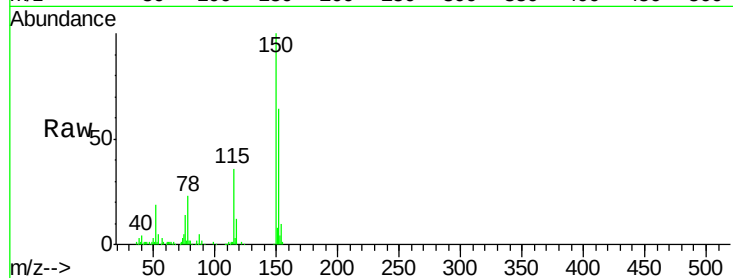


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Instrument :
BNA_G
ClientSampleId :
B10(0-15)

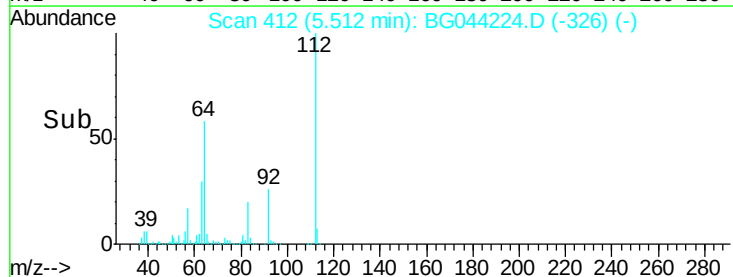
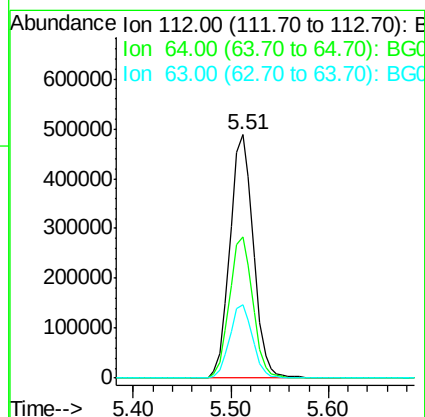
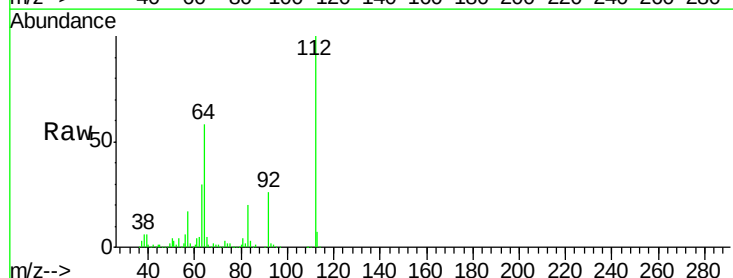
Tot Ion:152 Resp: 88206
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.4
115 55.7 47.8 71.8

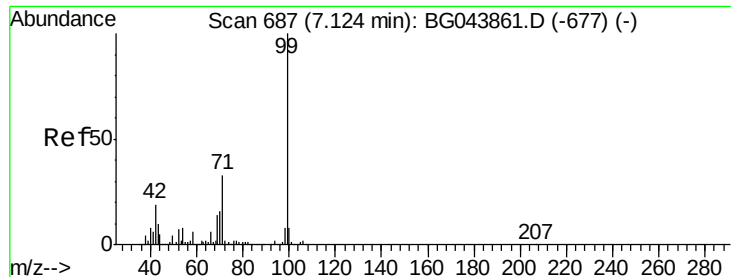


#5

2-Fluorophenol
Concen: 169.765 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Tgt Ion:112 Resp: 815538
Ion Ratio Lower Upper
112 100
64 57.9 47.8 71.6
63 30.2 24.3 36.5





#7

Phenol-d6

Concen: 166.305 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Instrument :

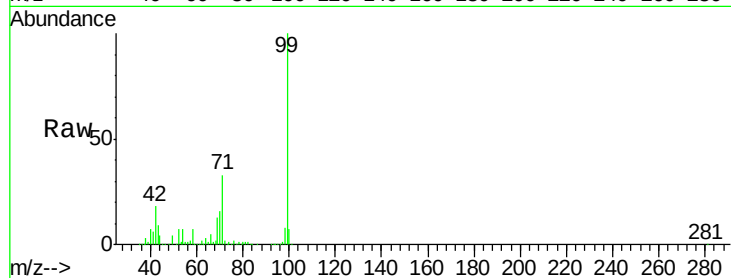
BNA_G

ClientSampleId :

B10(0-15)

Tot Ion: 99 Resp: 1116740

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	32.9	26.4	39.6

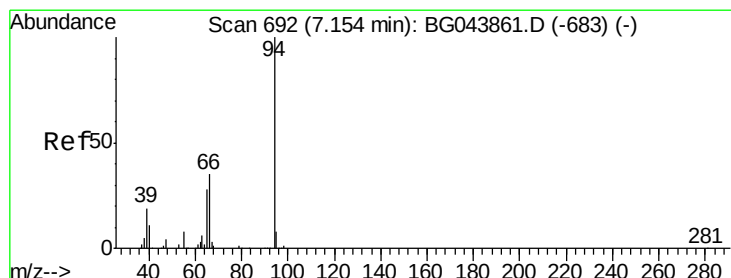
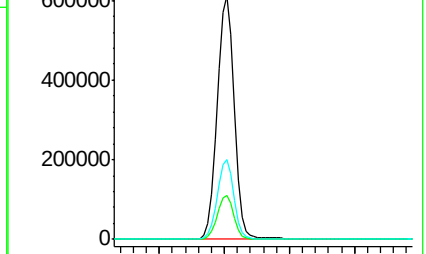
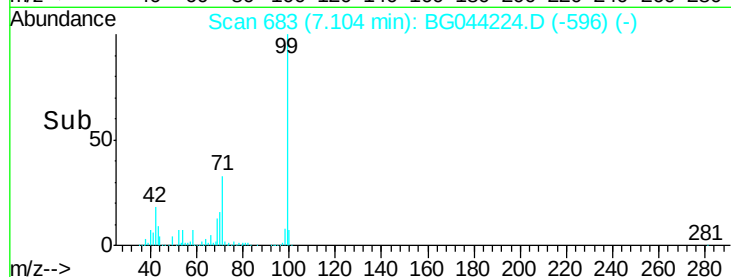


Abundance

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: 4.684 ng

RT: 7.13 min Scan# 687

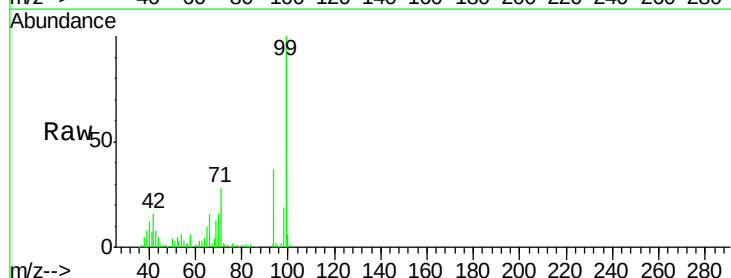
Delta R.T. -0.03 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Tgt Ion: 94 Resp: 32404

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.1	48.1
66	44.0	15.6	55.6

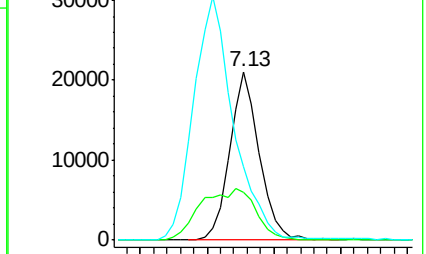
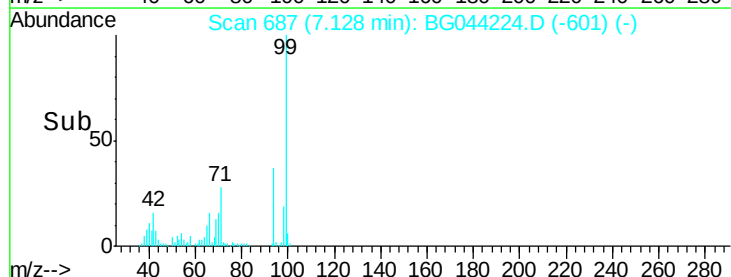


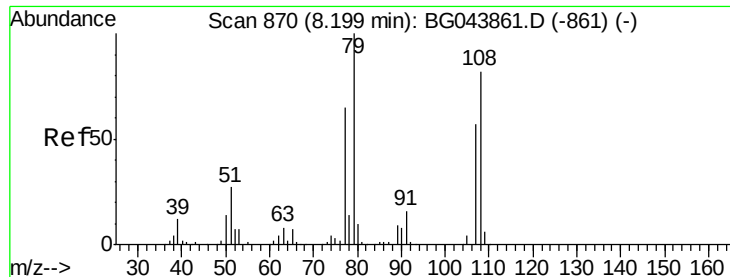
Abundance

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: 2.026 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.06 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Instrument :

BNA_G

ClientSampled :

B10(0-15)

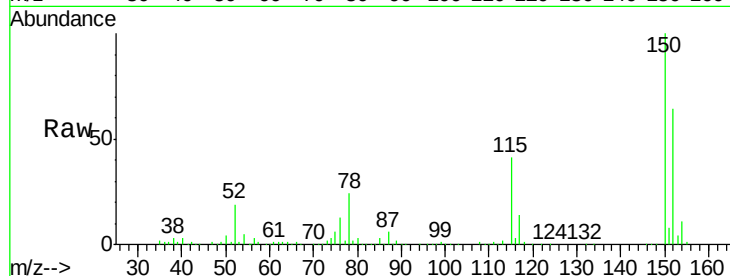
Tot Ion: 79 Resp: 10736

Ion Ratio Lower Upper

79 100

108 34.5 65.6 98.4#

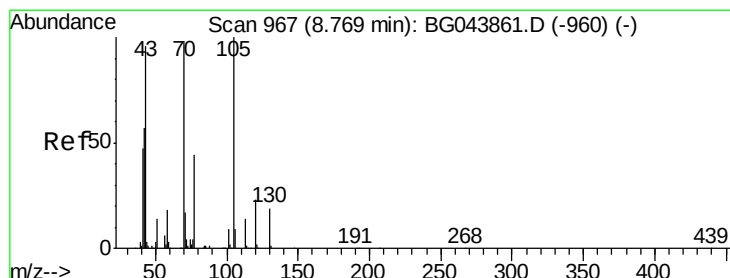
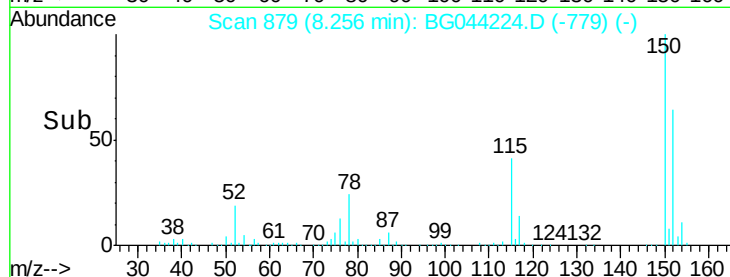
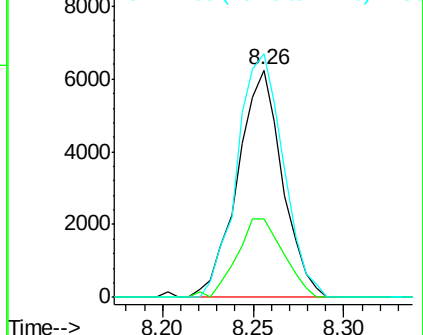
77 107.1 52.0 78.0#



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: 17.565 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.31 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Tgt Ion: 70 Resp: 87839

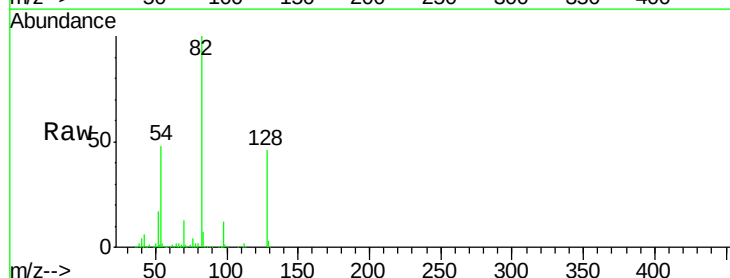
Ion Ratio Lower Upper

70 100

42 45.4 47.0 70.4#

101 0.0 7.2 10.8#

130 2.4 15.6 23.4#

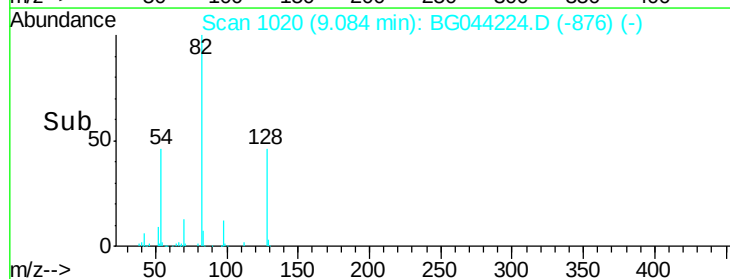
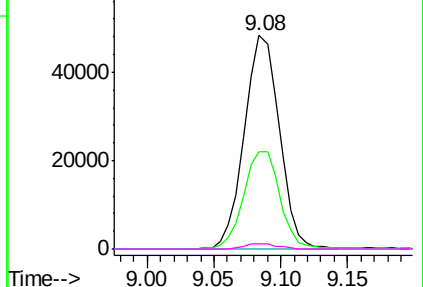


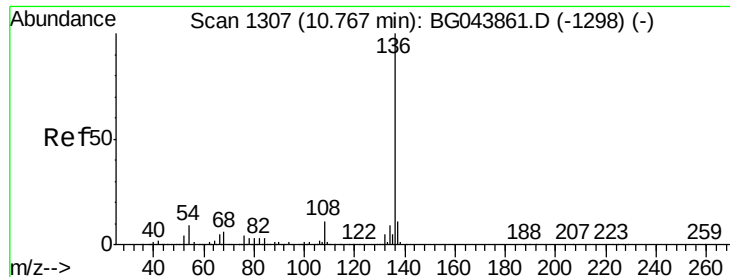
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

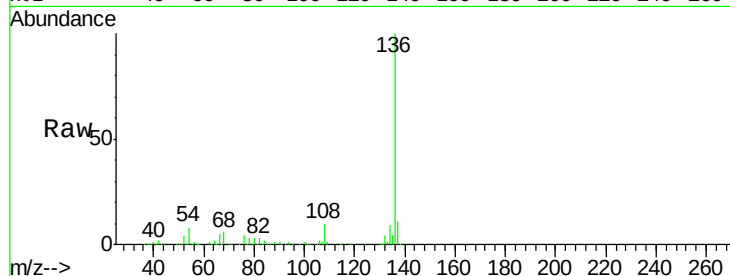




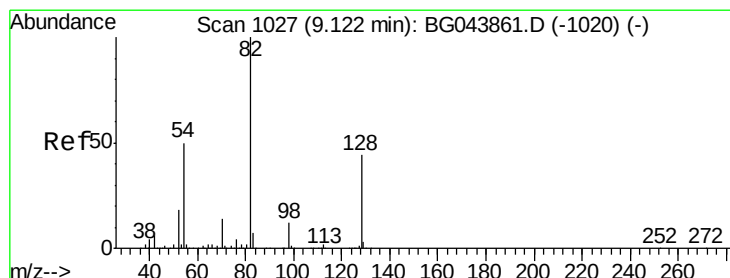
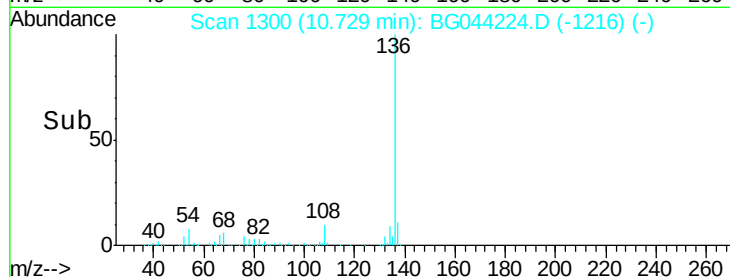
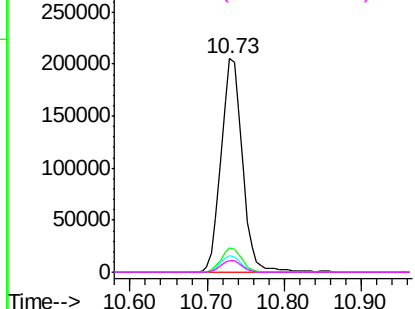
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Instrument :
BNA_G
ClientSampleId :
B10(0-15)

Tot Ion:136	Resp:	396156
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.9	7.0	10.4
68 5.5	4.9	7.3

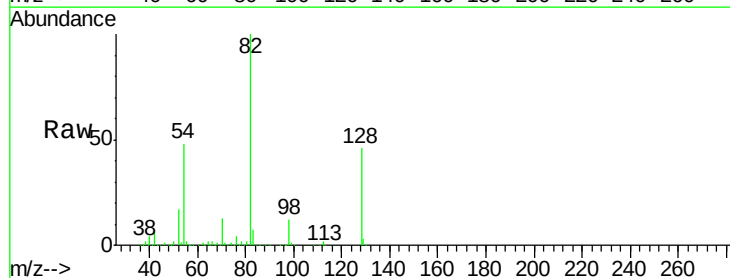


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

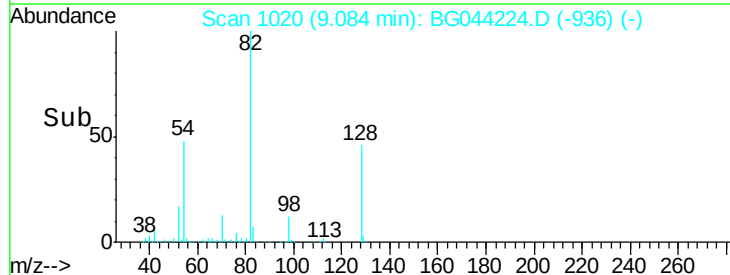
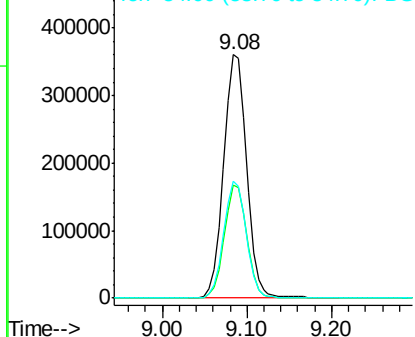


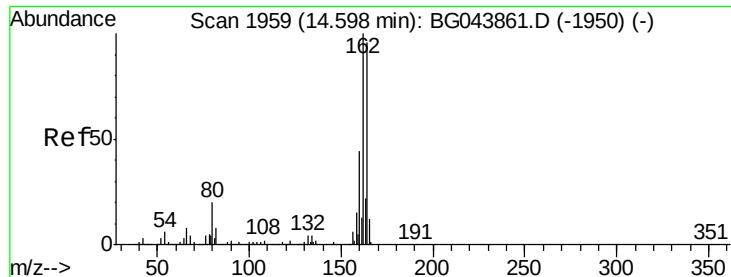
#23
Nitrobenzene-d5
Concen: 91.516 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Tgt Ion: 82	Resp: 677706
Ion Ratio	Lower Upper
82 100	
128 46.4	35.1 52.7
54 47.9	40.1 60.1



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: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Instrument :

BNA_G

ClientSampleId :

B10(0-15)

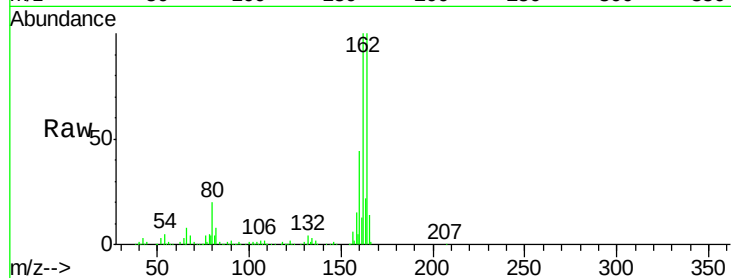
Tot Ion:164 Resp: 265450

Ion Ratio Lower Upper

164 100

162 100.4 83.0 124.4

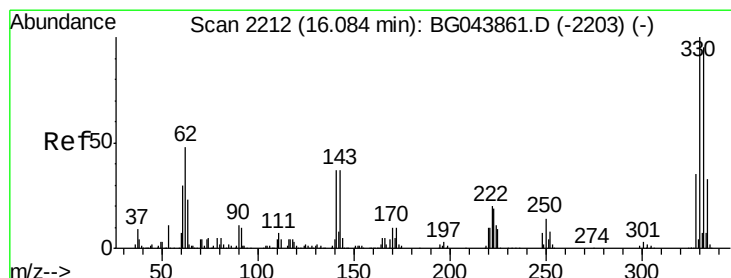
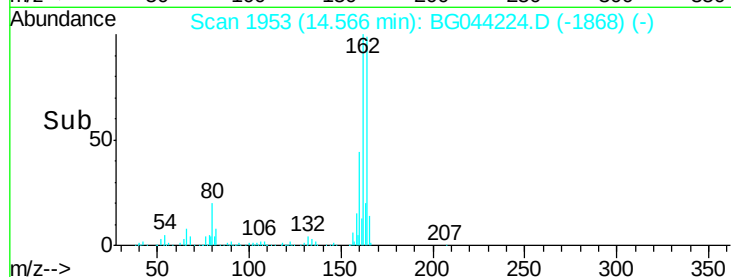
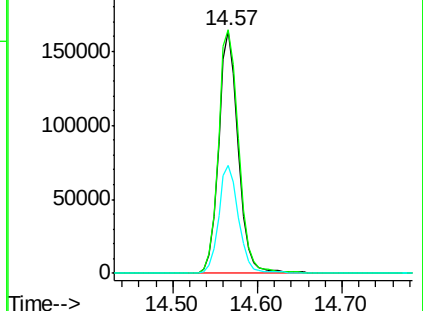
160 44.4 36.1 54.1



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: 146.727 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

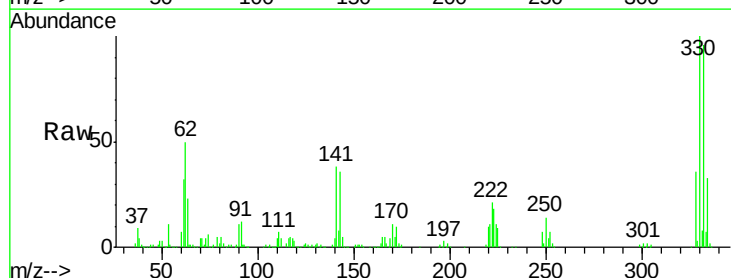
Tgt Ion:330 Resp: 407591

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

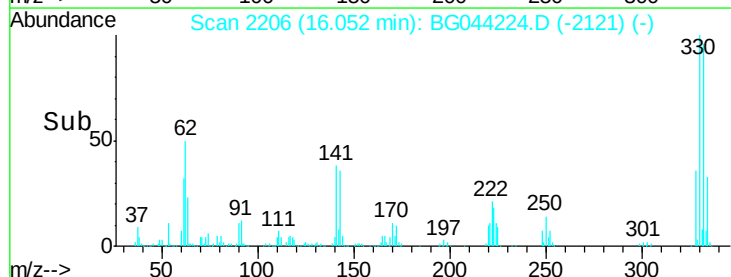
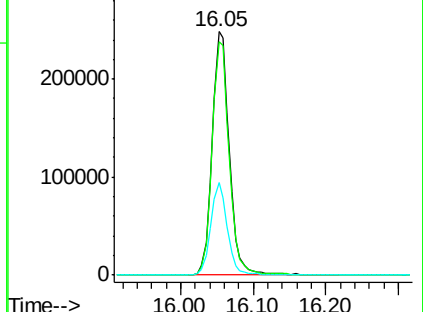
141 36.7 33.1 49.7

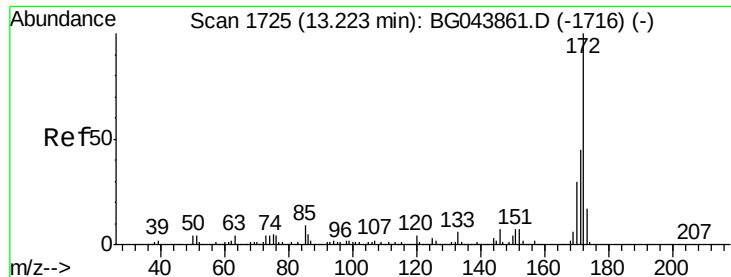


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

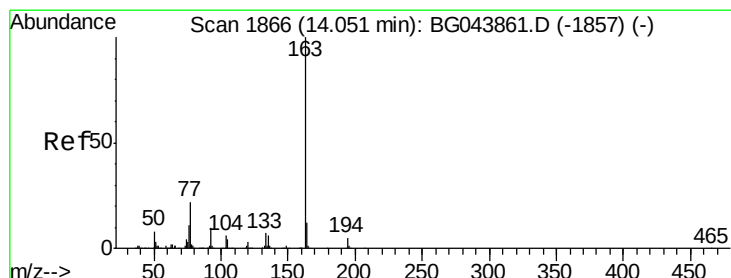
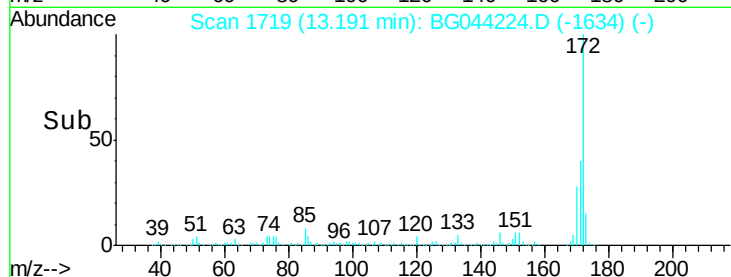
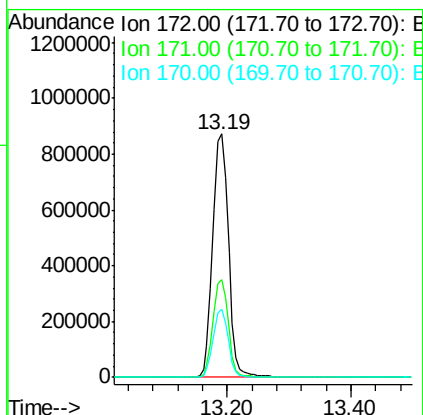
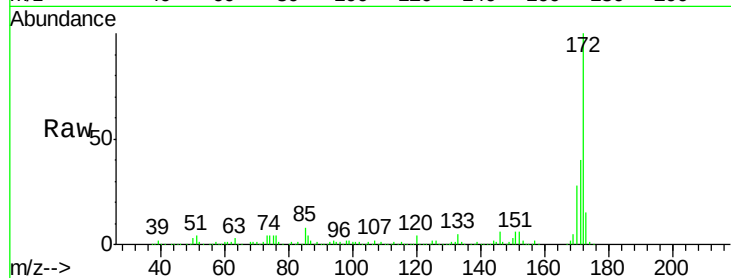




#45
2-Fluorobiphenyl
Concen: 104.892 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

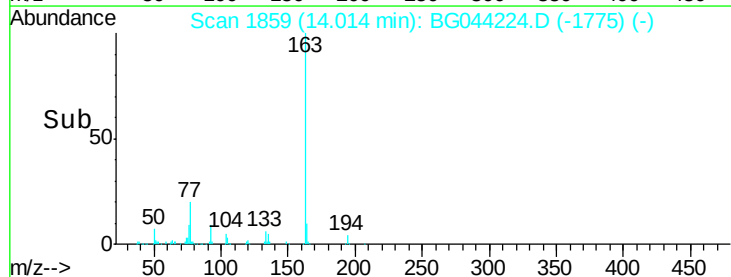
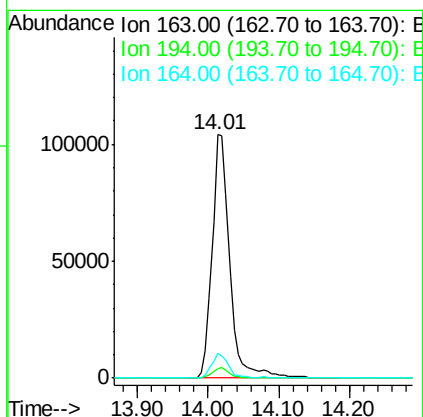
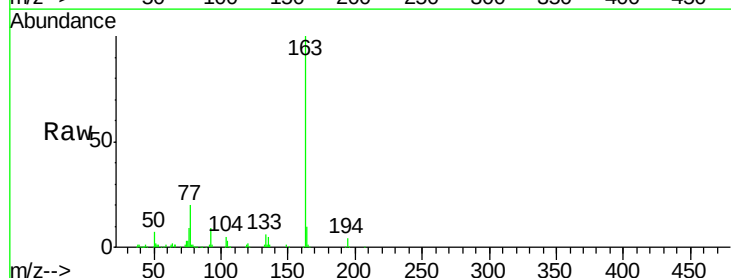
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B10(0-15)

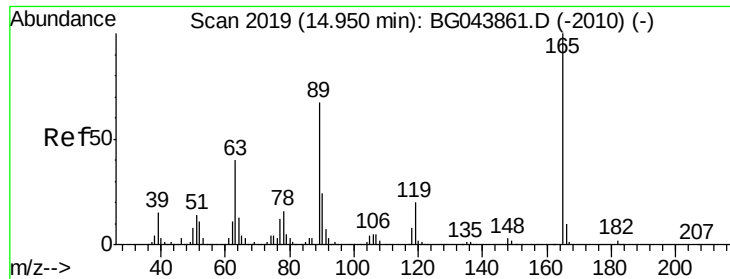
Tot Ion:172 Resp: 1536823
Ion Ratio Lower Upper
172 100
171 40.4 35.8 53.8
170 28.0 24.2 36.4



#50
Dimethylphthalate
Concen: 9.639 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Tgt Ion:163 Resp: 181674
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.3 9.3 13.9

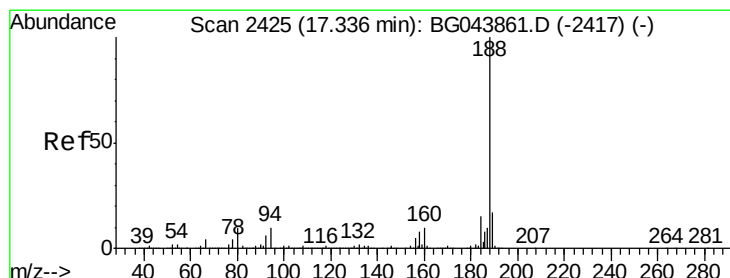
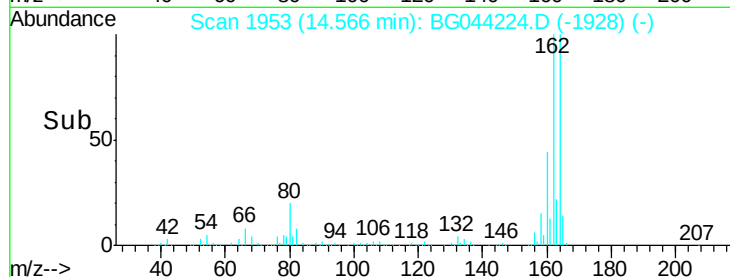
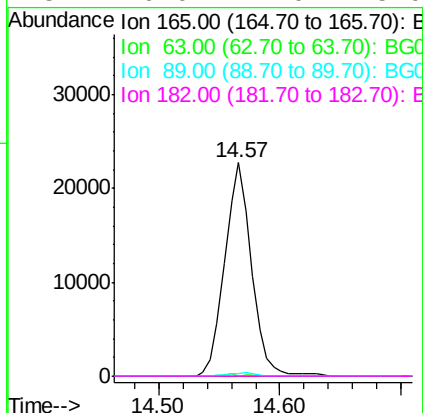
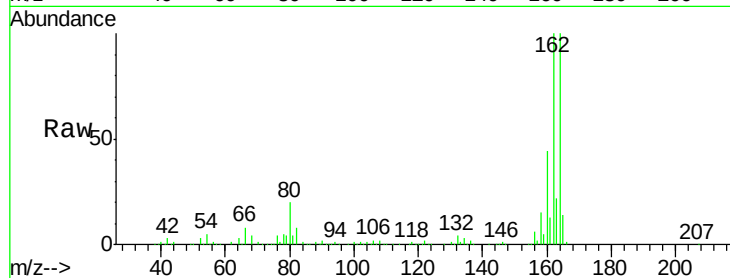




#57
 2,4-Dinitrotoluene
 Concen: 6.043 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.38 min
 Lab File: BG044224.D
 Acq: 27 Jan 2020 20:46

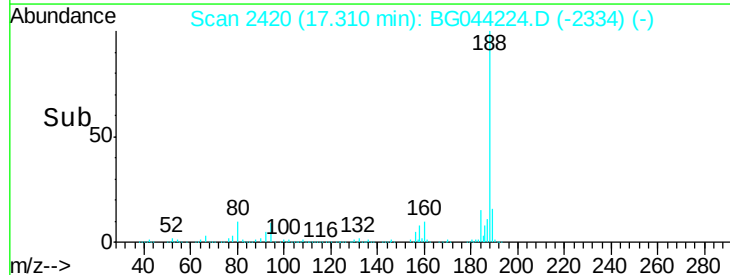
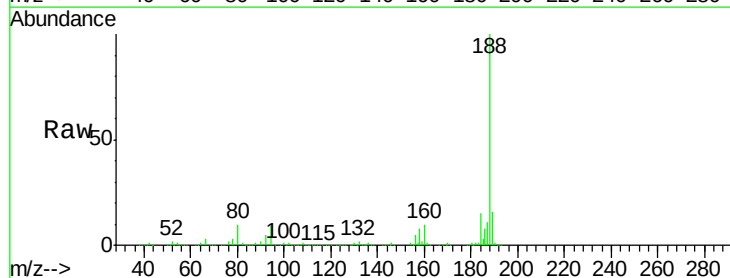
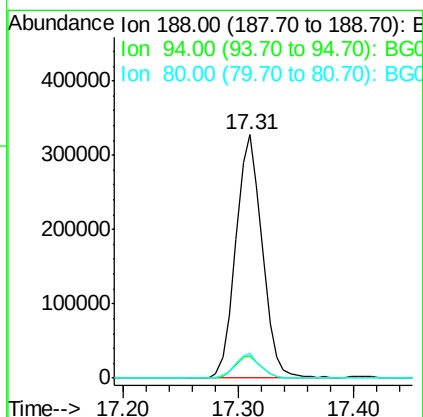
Instrument :
 BNA_G
 ClientSampleId :
 B10(0-15)

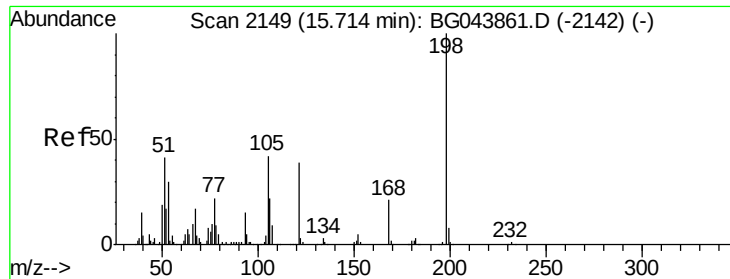
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. -0.03 min
 Lab File: BG044224.D
 Acq: 27 Jan 2020 20:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	10.2	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 4.828 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.34 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Instrument :

BNA_G

ClientSampleId :

B10(0-15)

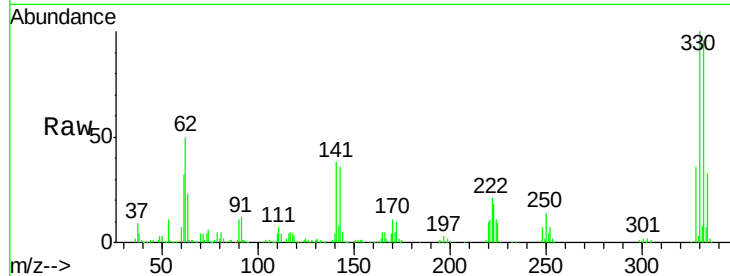
Tot Ion:198 Resp: 1288

Ion Ratio Lower Upper

198 100

51 137.6 22.5 62.5#

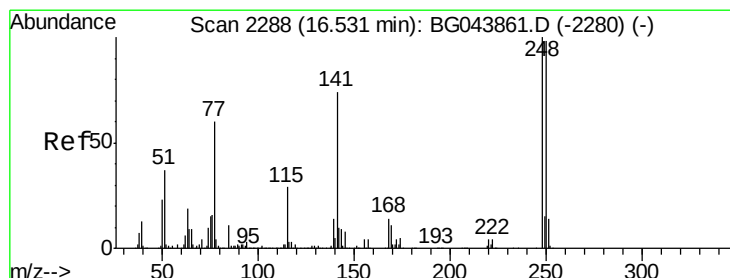
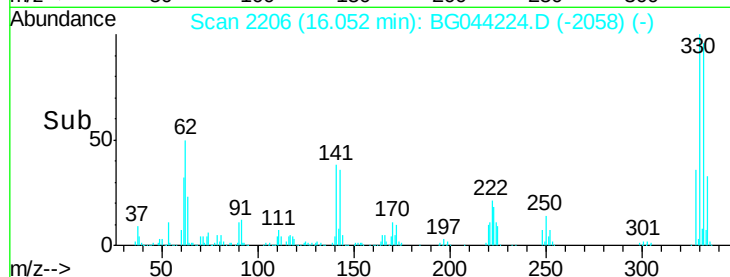
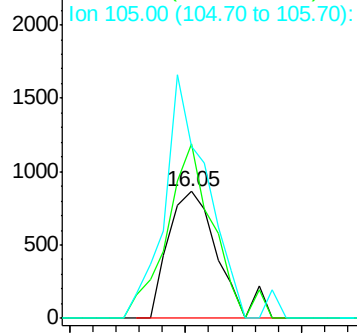
105 135.8 22.3 62.3#



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



#67

4-Bromophenyl-phenylether

Concen: 4.897 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.48 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

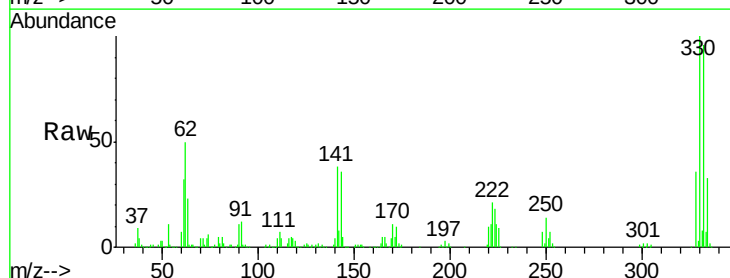
Tgt Ion:248 Resp: 28544

Ion Ratio Lower Upper

248 100

250 194.0 78.2 117.2#

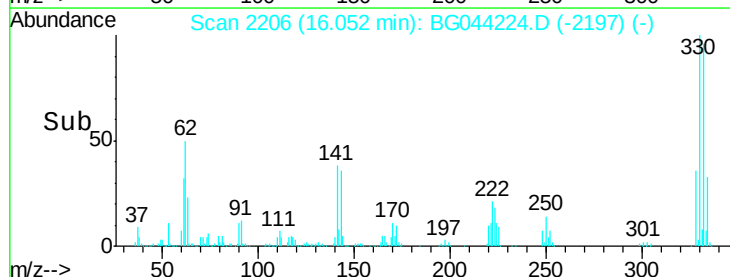
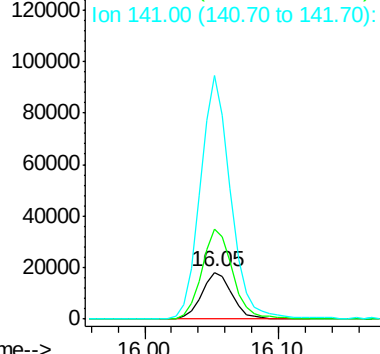
141 522.5 59.3 88.9#

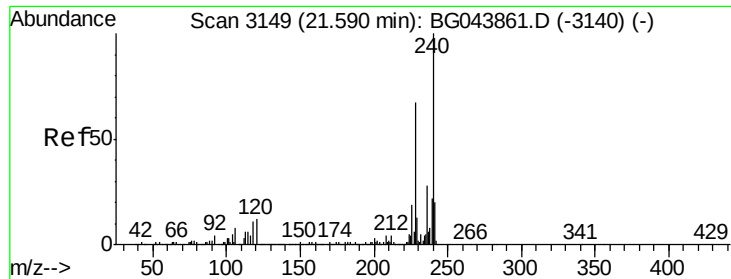


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

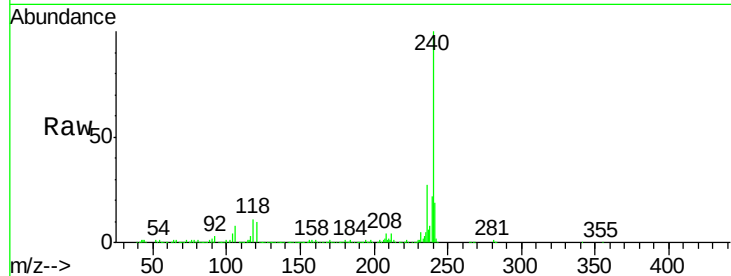




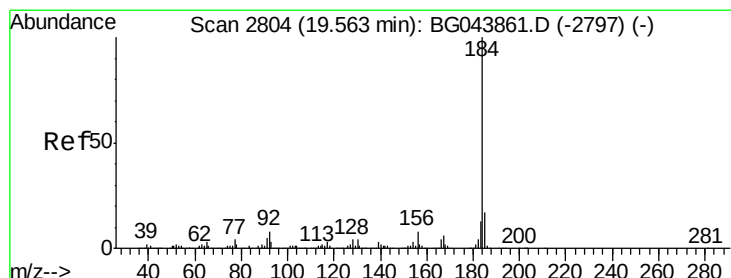
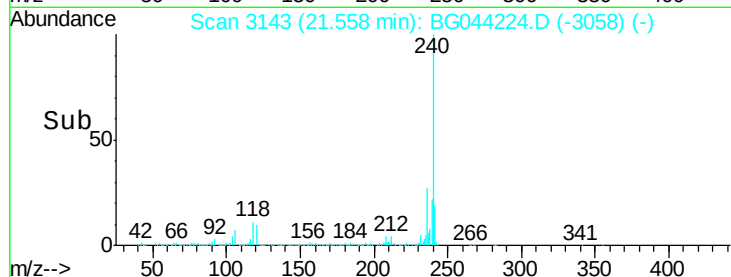
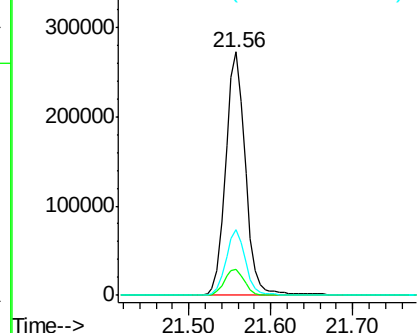
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Instrument :
BNA_G
ClientSampleId :
B10(0-15)

Tot Ion:240 Resp: 457984
Ion Ratio Lower Upper
240 100
120 10.5 9.6 14.4
236 27.0 22.2 33.2

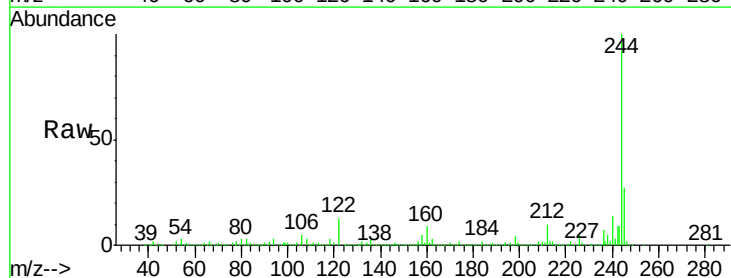


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

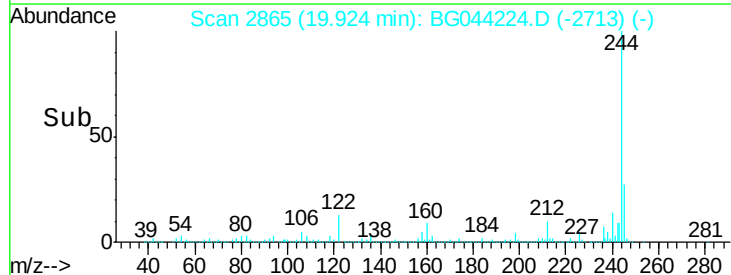
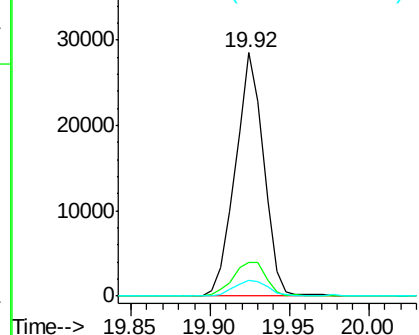


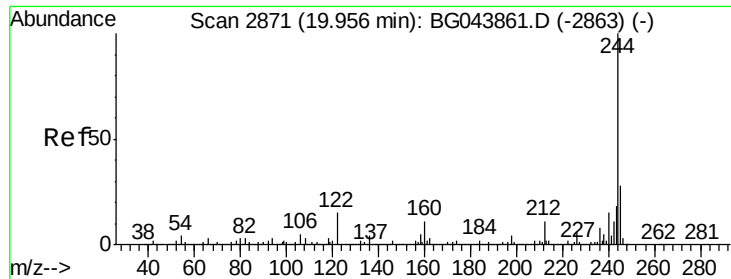
#77
Benzidine
Concen: 3.060 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044224.D
Acq: 27 Jan 2020 20:46

Tgt Ion:184 Resp: 35229
Ion Ratio Lower Upper
184 100
185 13.9 13.4 20.0
183 6.7 10.6 15.8#



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: 116.804 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Instrument :

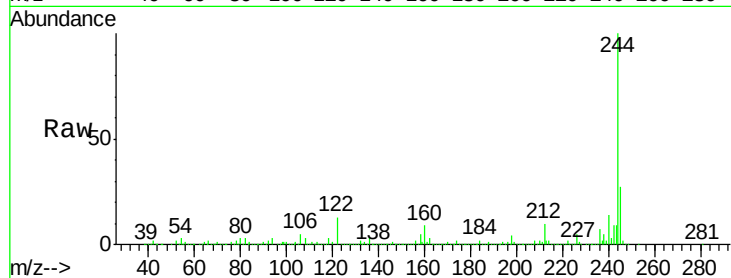
BNA_G

ClientSampleId :

B10(0-15)

Tot Ion:244 Resp: 2021589

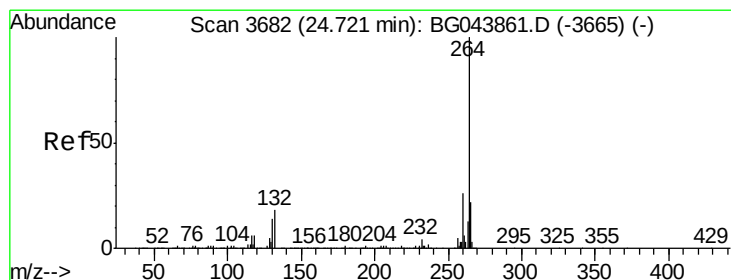
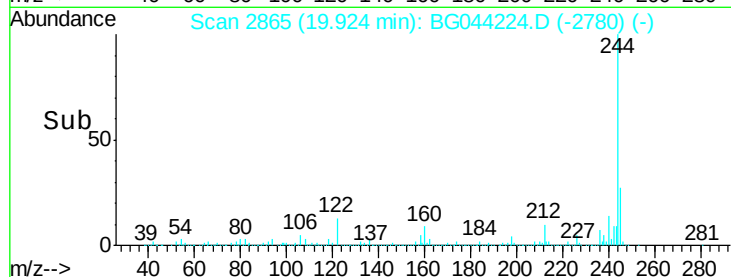
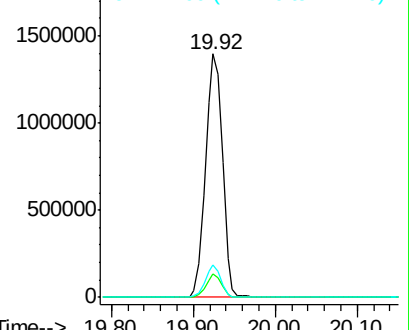
Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	13.4	11.9	17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3672

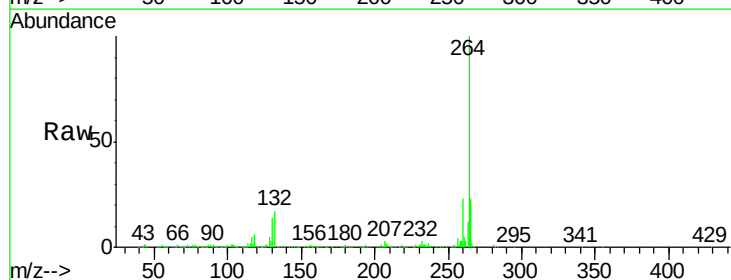
Delta R.T. -0.06 min

Lab File: BG044224.D

Acq: 27 Jan 2020 20:46

Tgt Ion:264 Resp: 511437

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.4	30.6
265	22.6	17.4	26.2



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

