

Data File : BG043905.D
Acq On : 4 Jan 2020 2:27
Operator : JU
Sample : K6449-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

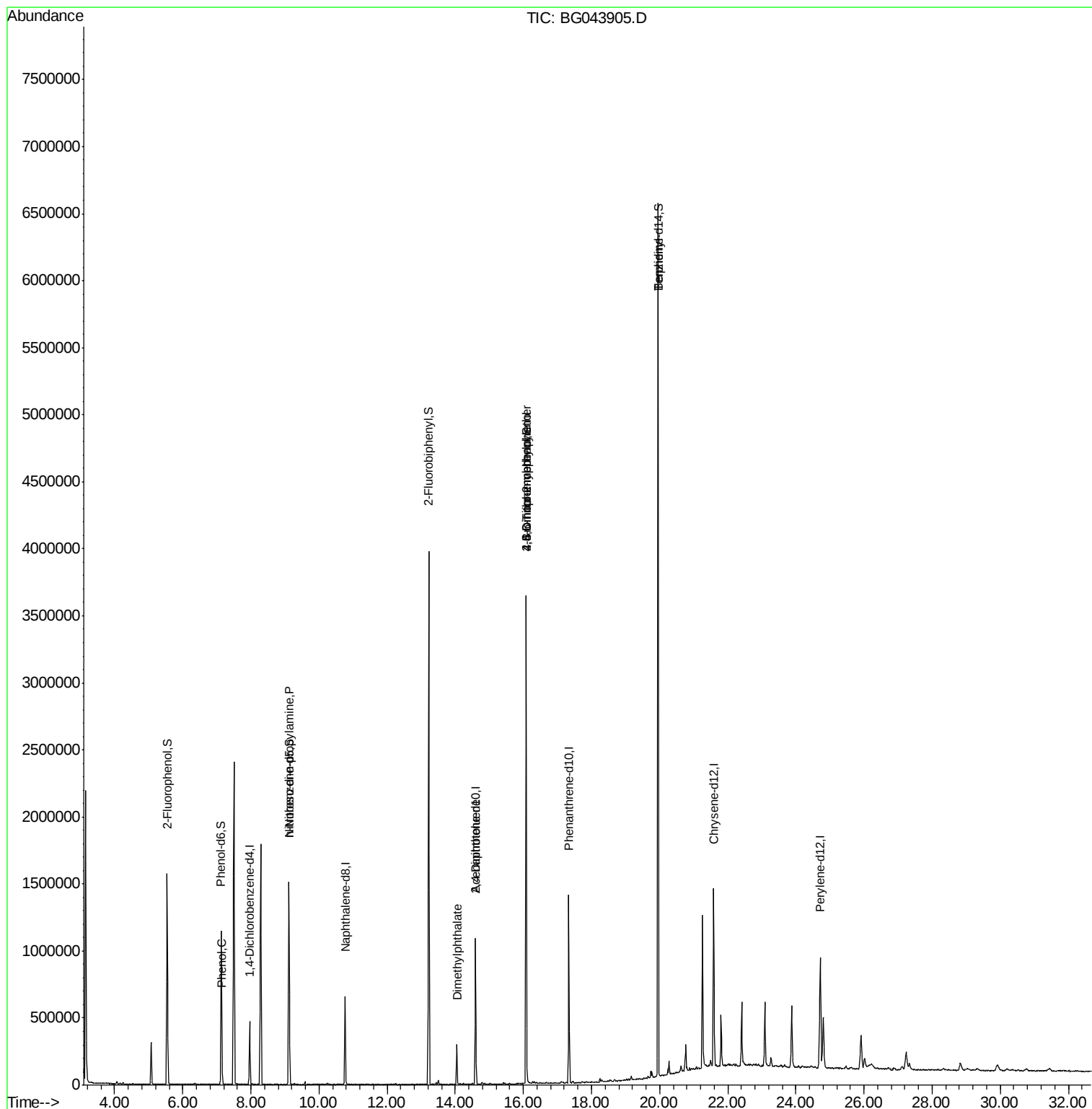
Quant Time: Jan 04 04:45:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

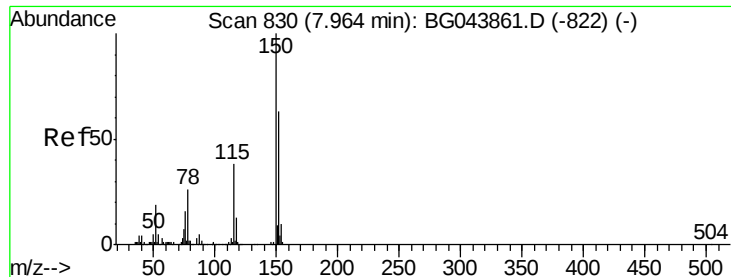
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	133975	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	584349	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	393584	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	875200	20.00	ng	0.00
76) Chrysene-d12	21.59	240	725786	20.00	ng	0.00
87) Perylene-d12	24.71	264	812801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	717302	98.31	ng	0.00
7) Phenol-d6	7.13	99	693769	68.02	ng	0.00
23) Nitrobenzene-d5	9.12	82	950110	86.98	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	634207	153.98	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2000212	92.07	ng	0.00
79) Terphenyl-d14	19.95	244	2802894	96.37	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.15	94	29783	2.834	ng	91
19) n-Nitroso-di-n-propylamine	9.12	70	127564	16.794	ng	# 77
50) Dimethylphthalate	14.05	163	200477	7.174	ng	98
57) 2,4-Dinitrotoluene	14.60	165	51997	6.050	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.08	198	2248	4.843	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	46648	4.739	ng	# 1
77) Benzidine	19.96	184	63769	3.496	ng	# 93

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

Data File : BG043905.D
Acq On : 4 Jan 2020 2:27
Operator : JU
Sample : K6449-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 04 04:45:41 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

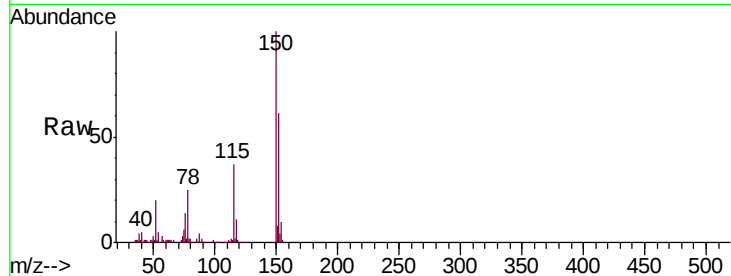




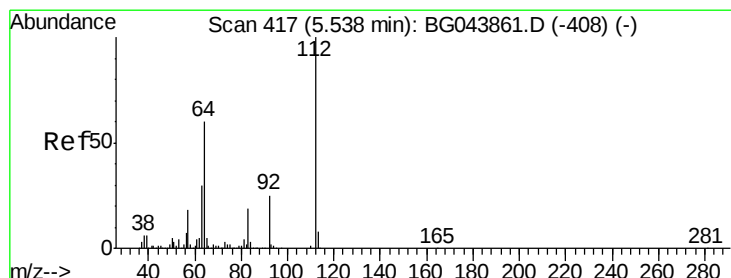
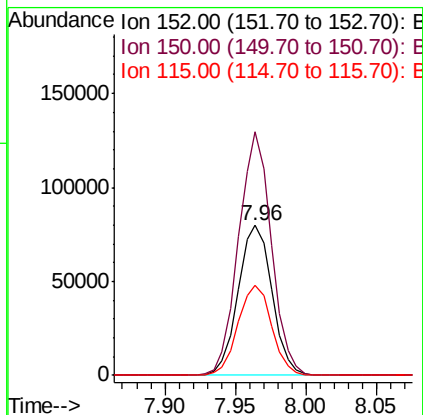
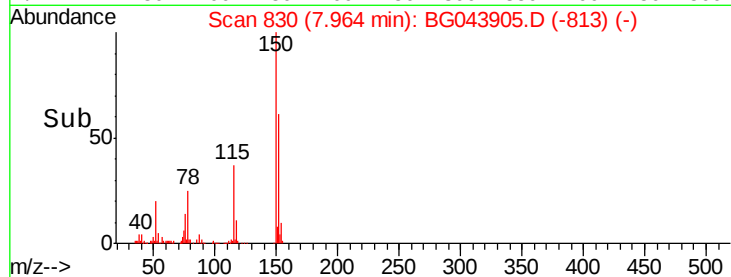
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	127.0	190.4
115	60.4	47.8	71.8



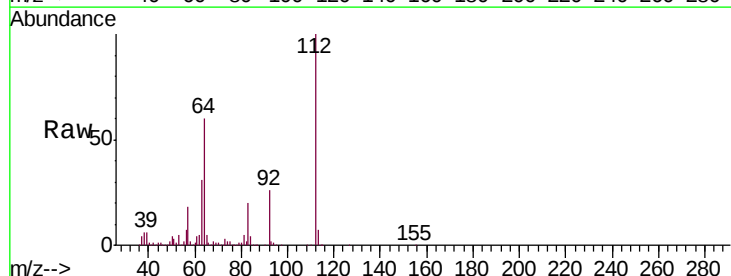
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



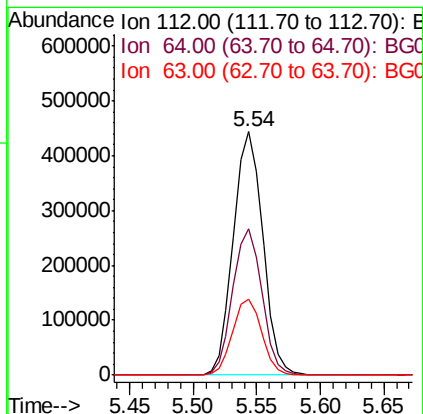
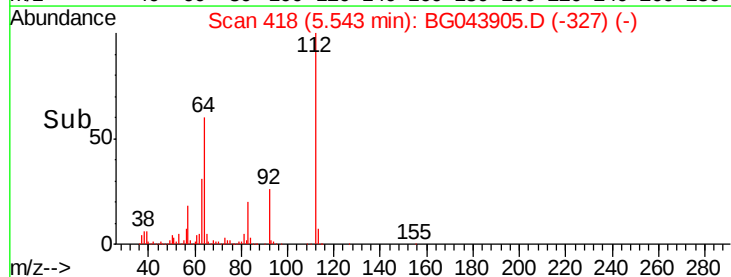
#5

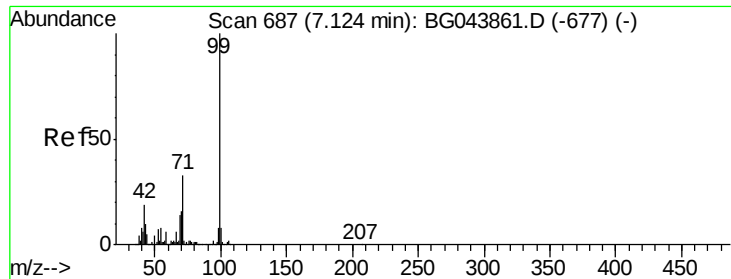
2-Fluorophenol
Concen: 98.306 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.8	71.6
63	31.3	24.3	36.5



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: 68.021 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

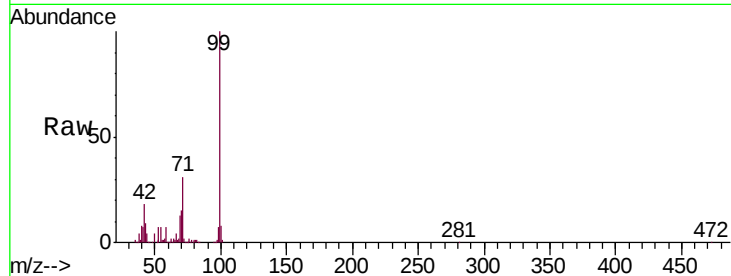
Tgt Ion: 99 Resp: 693769

Ion Ratio Lower Upper

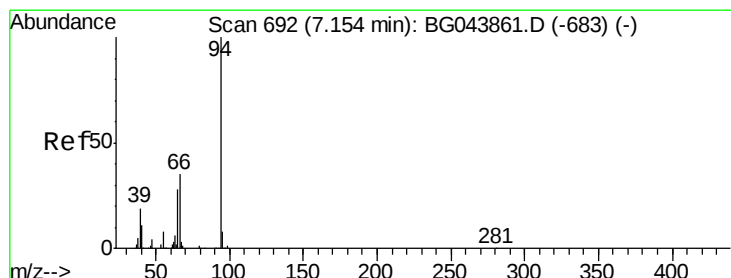
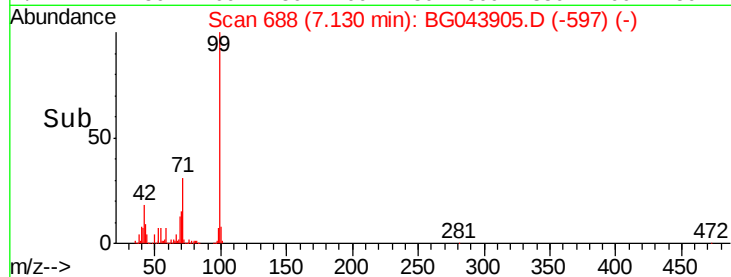
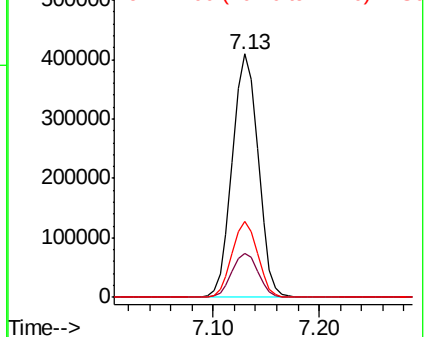
99 100

42 18.2 14.9 22.3

71 31.4 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: 2.834 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

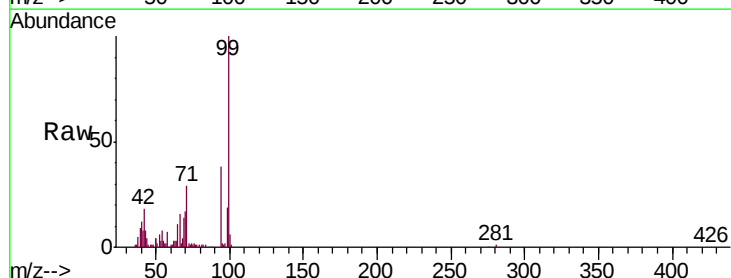
Tgt Ion: 94 Resp: 29783

Ion Ratio Lower Upper

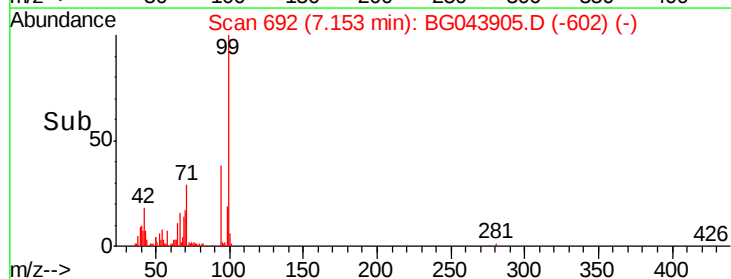
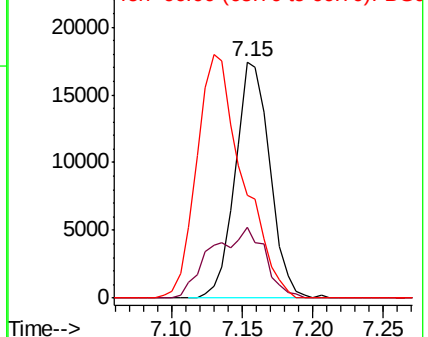
94 100

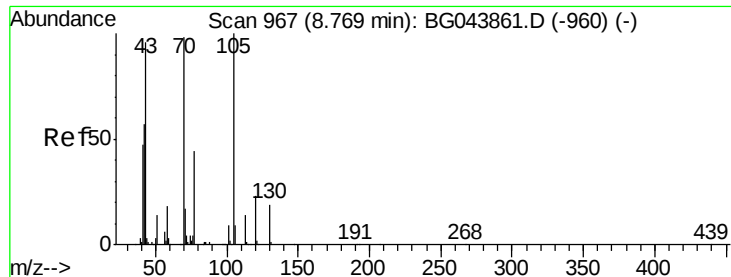
65 30.0 8.1 48.1

66 43.6 15.6 55.6



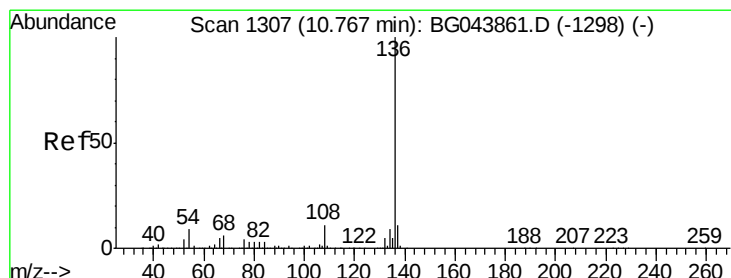
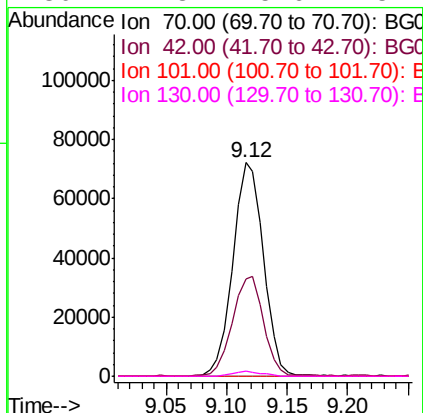
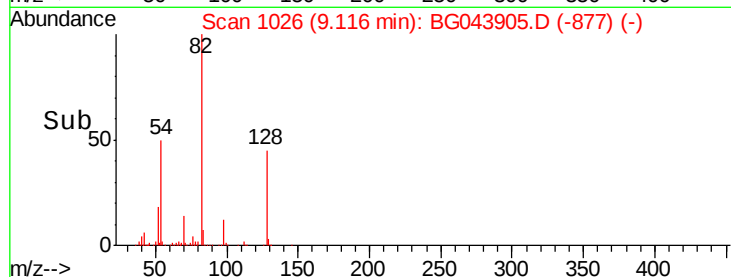
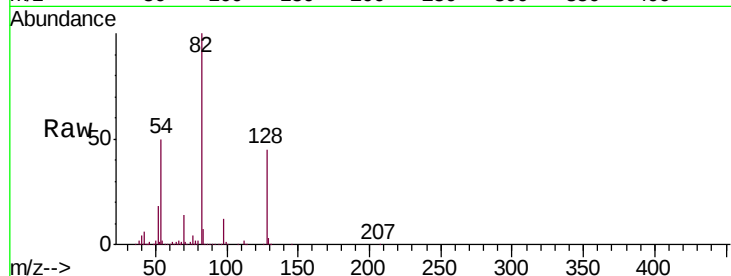
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





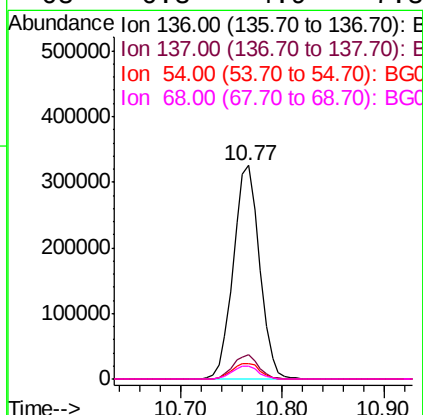
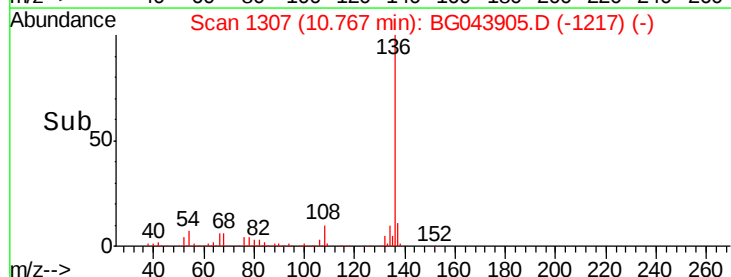
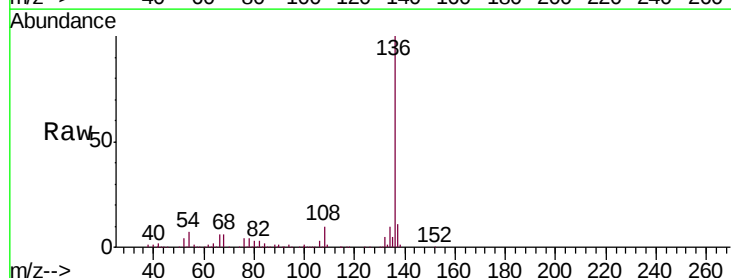
#19
n-Nitroso-di-n-propylamine
Concen: 16.794 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

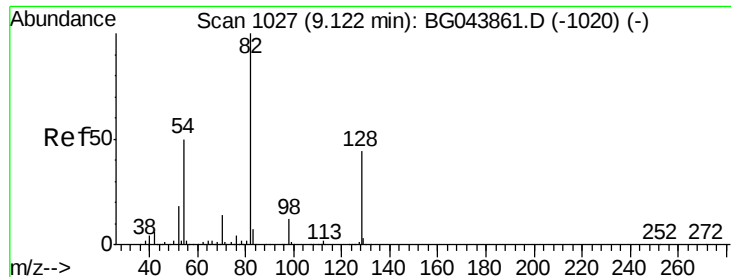
Tgt Ion: 70 Resp: 127564
Ion Ratio Lower Upper
70 100
42 45.6 47.0 70.4#
101 0.0 7.2 10.8#
130 2.3 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion: 136 Resp: 584349
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 7.0 10.4
68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 86.981 ng

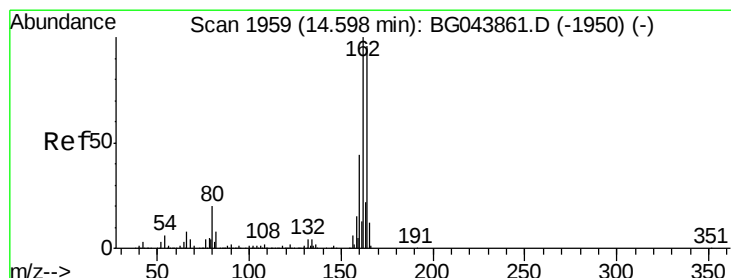
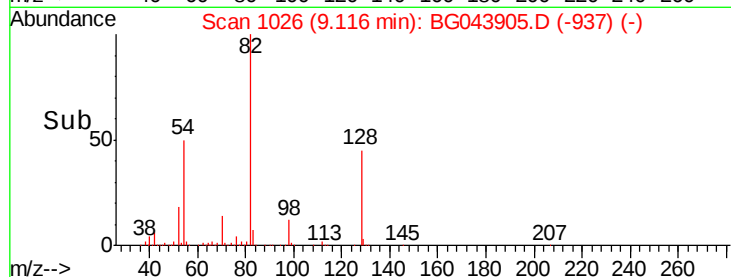
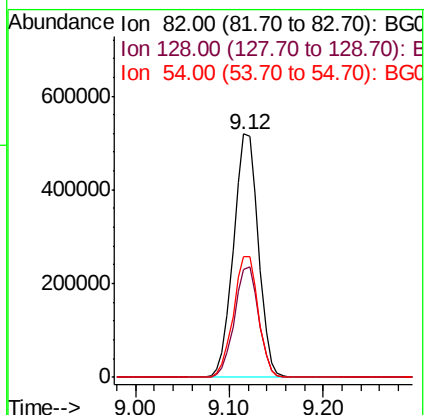
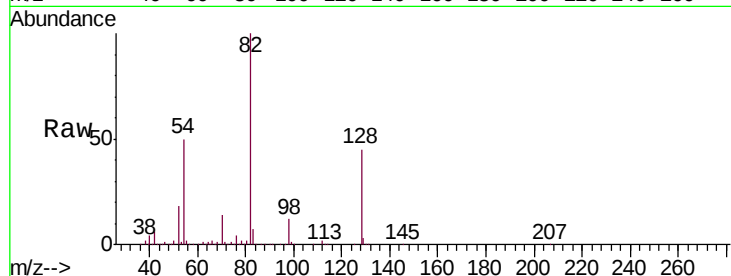
RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

Tgt Ion:	82	Resp:	950110
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	49.6	40.1	60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

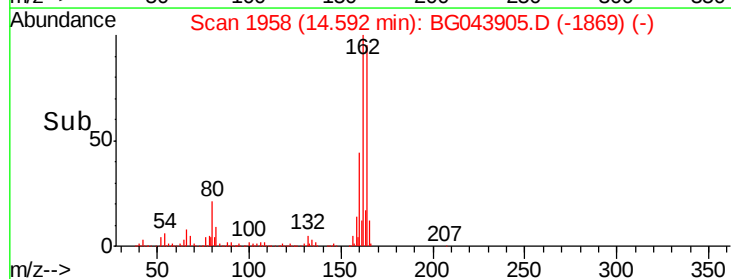
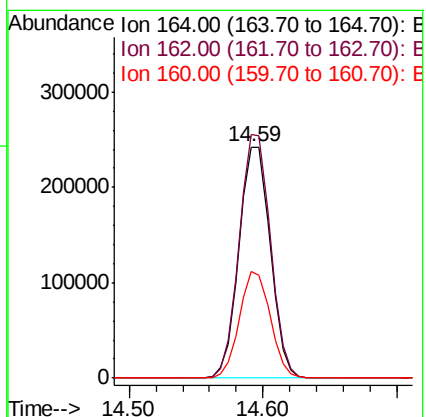
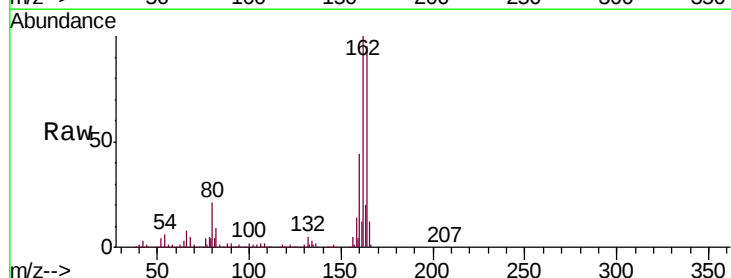
RT: 14.59 min Scan# 1958

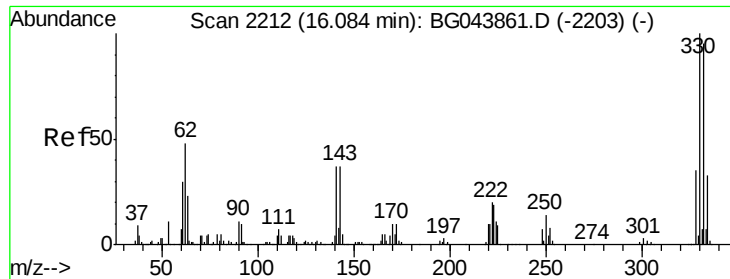
Delta R.T. -0.01 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

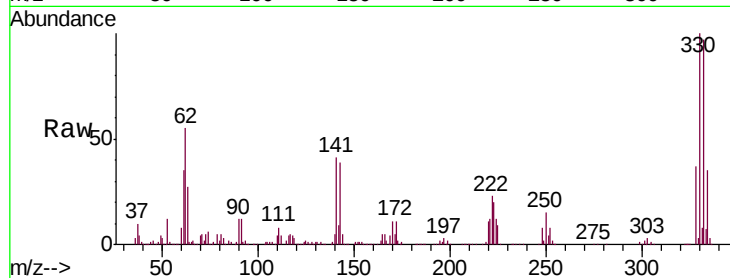
Tgt Ion:	164	Resp:	393584
Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.4
160	46.4	36.1	54.1





#42
 2,4,6-Tribromophenol
 Concen: 153.979 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	42.3	33.1	49.7

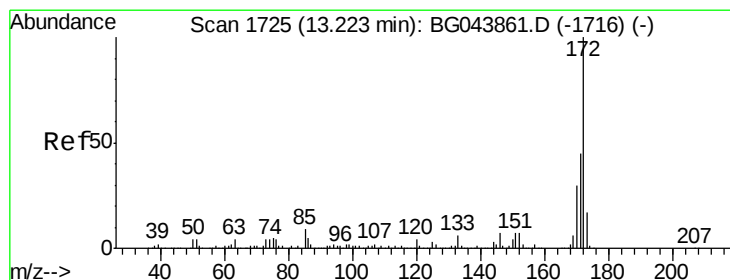
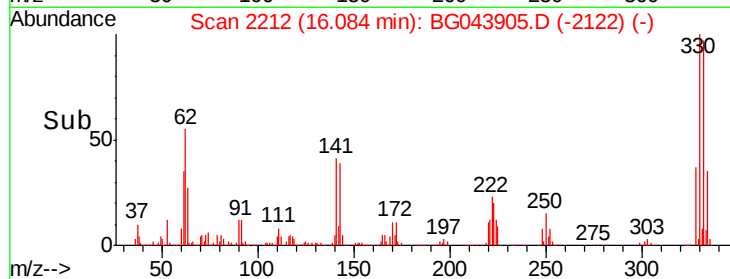
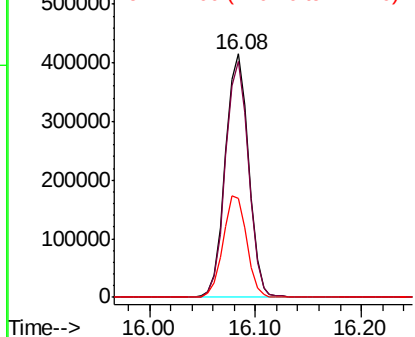


Abundance

Ion 329.80 (329.50 to 330.50): E

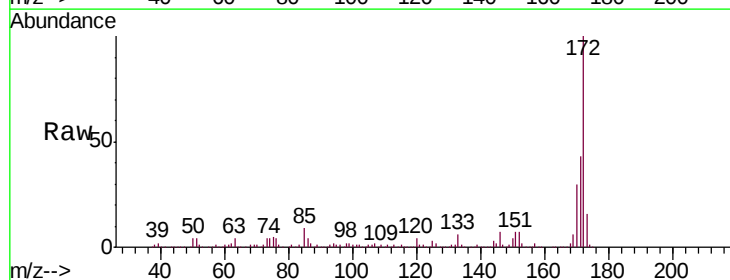
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.075 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.3	35.8	53.8
170	29.7	24.2	36.4

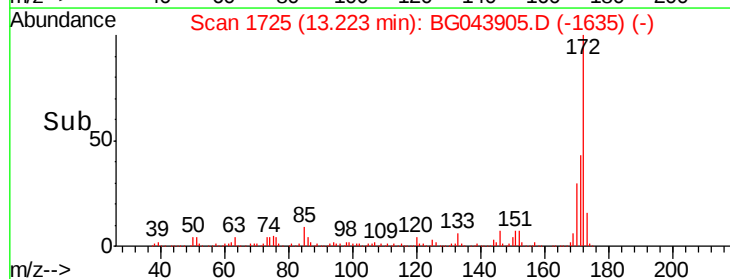
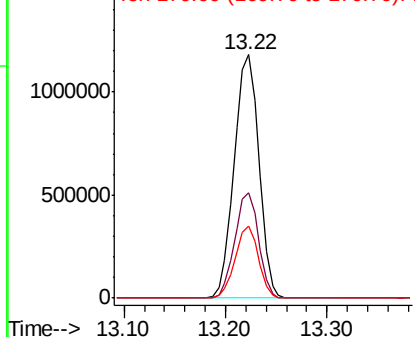


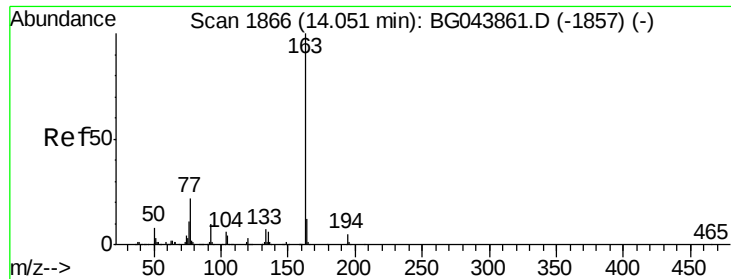
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

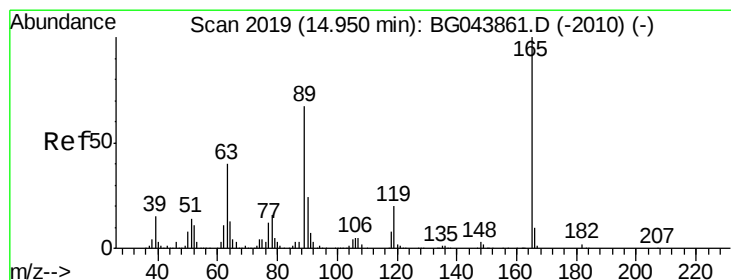
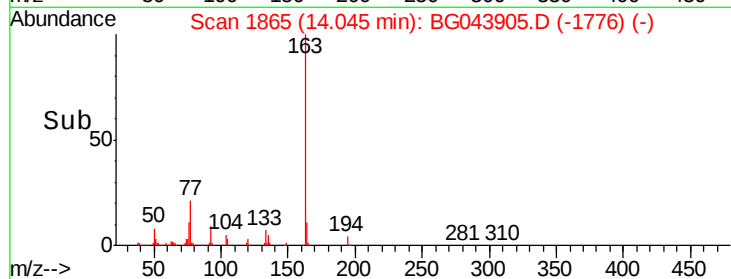
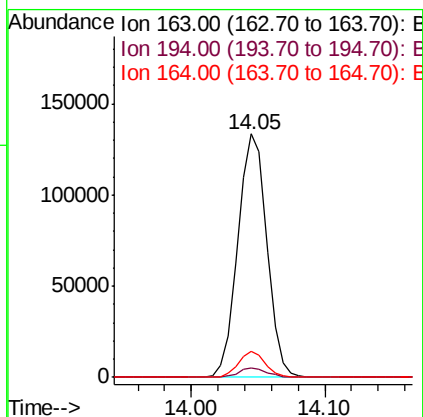
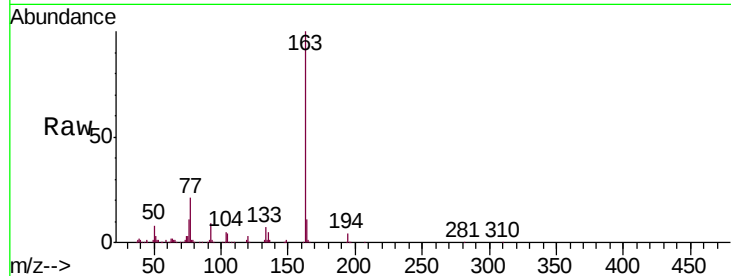
Ion 170.00 (169.70 to 170.70): E





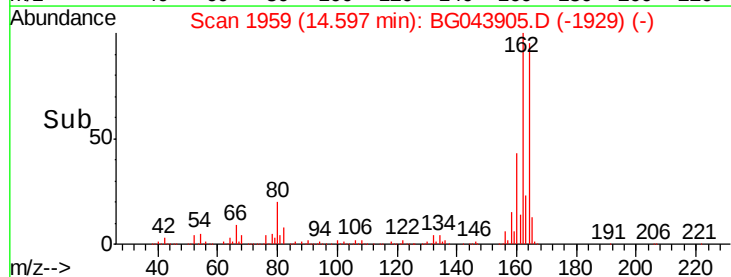
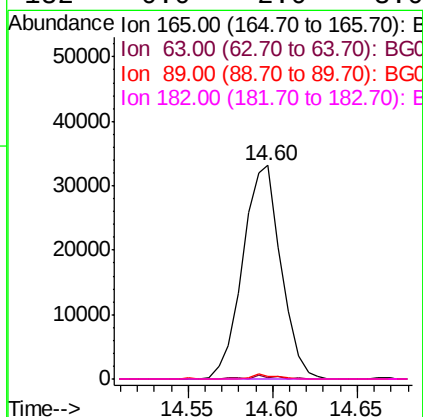
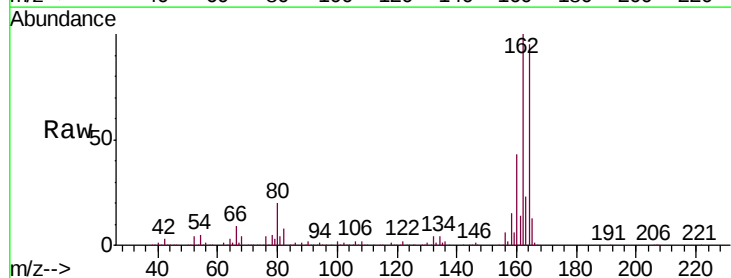
#50
Dimethylphthalate
Concen: 7.174 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

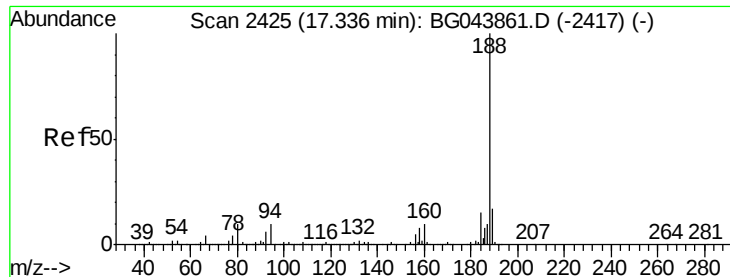
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.9	9.3	13.9



#57
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.35 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

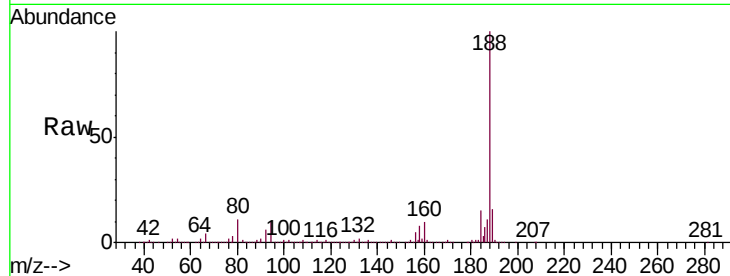
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



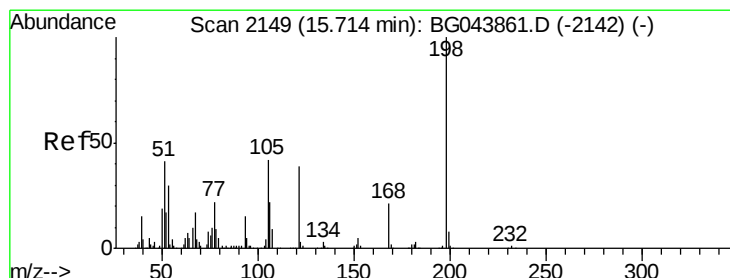
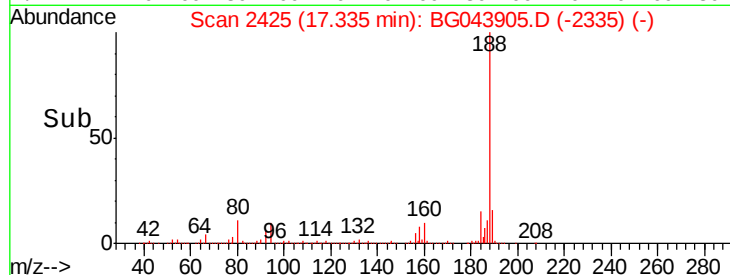
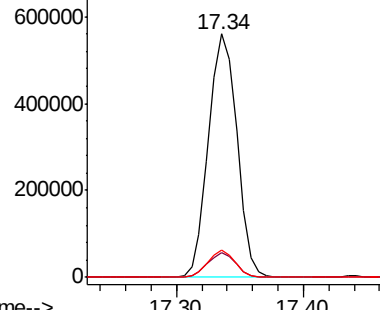


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion:	188	Resp:	875200
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	11.3	8.2	12.4

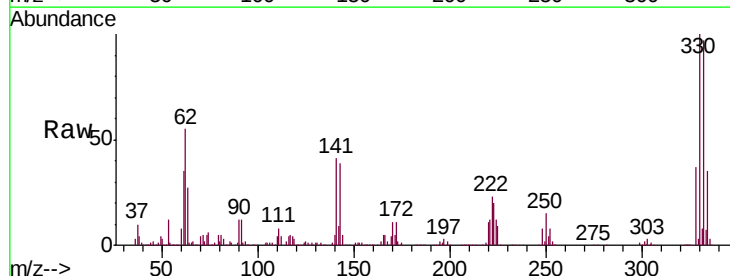


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

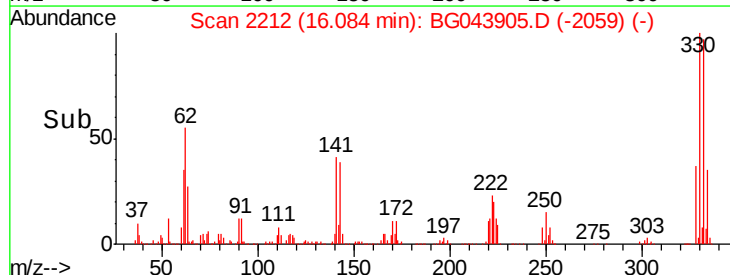
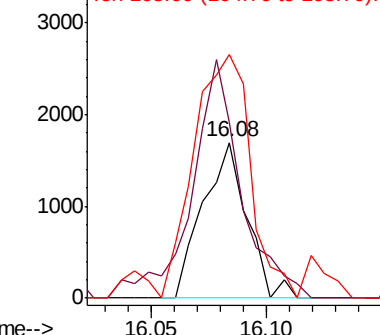


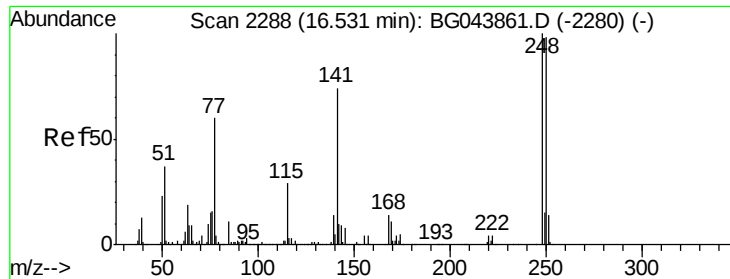
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.843 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. 0.37 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion:	198	Resp:	2248
Ion	Ratio	Lower	Upper
198	100		
51	112.6	22.5	62.5#
105	156.3	22.3	62.3#



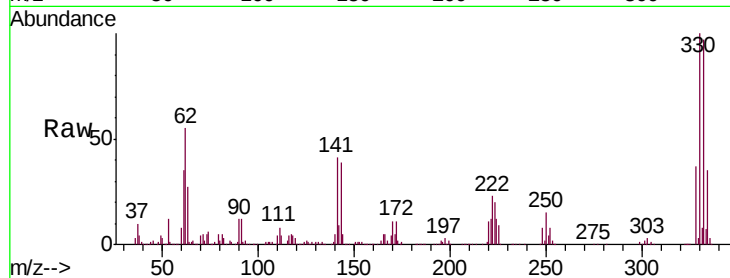
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E



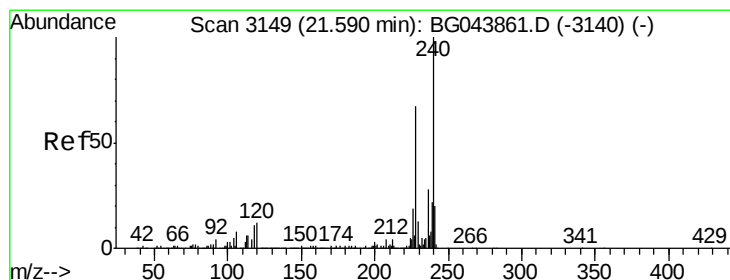
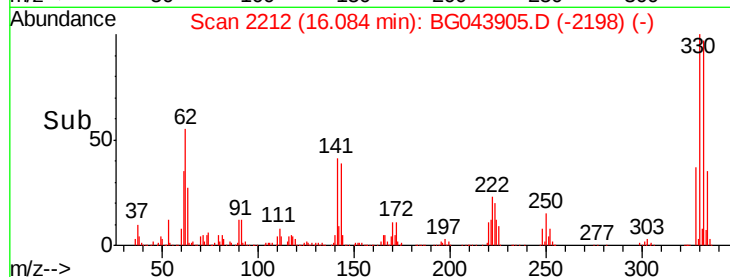
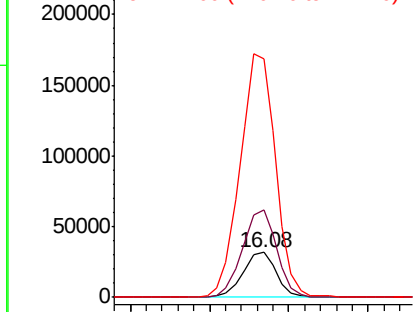


#67
 4-Bromophenyl-phenylether
 Concen: 4.739 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion: 248 Resp: 46648
 Ion Ratio Lower Upper
 248 100
 250 194.3 78.2 117.2#
 141 527.1 59.3 88.9#

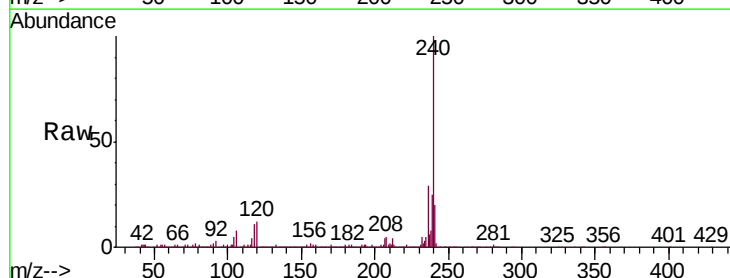


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

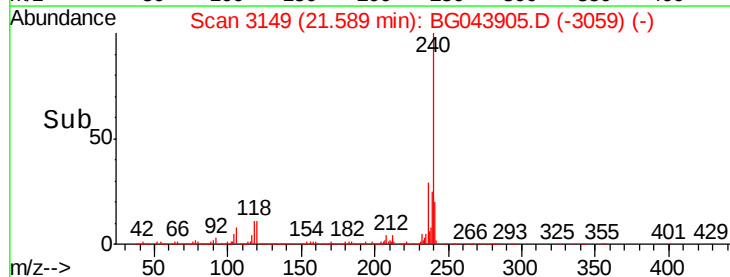
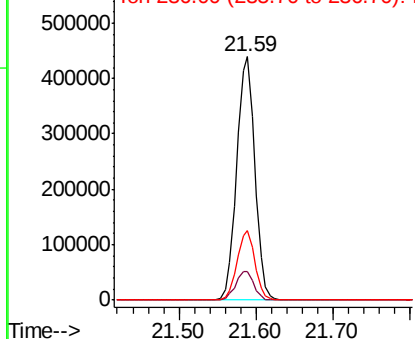


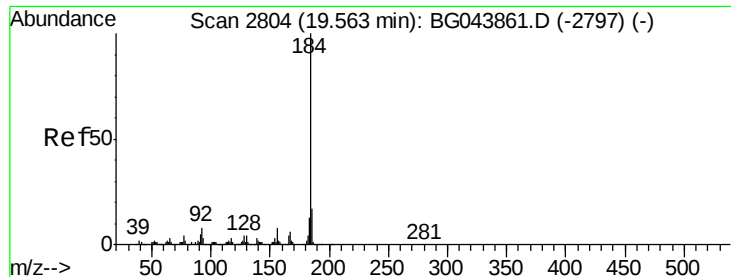
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG043905.D
 Acq: 4 Jan 2020 2:27

Tgt Ion: 240 Resp: 725786
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.6 14.4
 236 28.7 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: 3.496 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.39 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

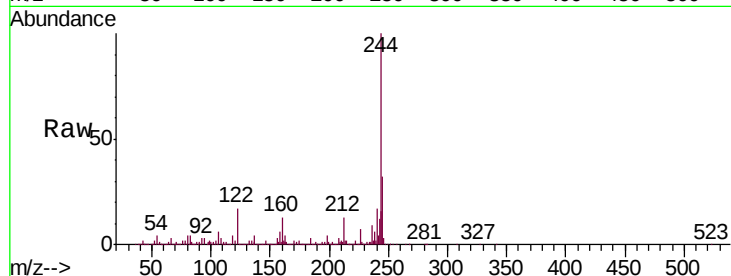
Tgt Ion:184 Resp: 63769

Ion Ratio Lower Upper

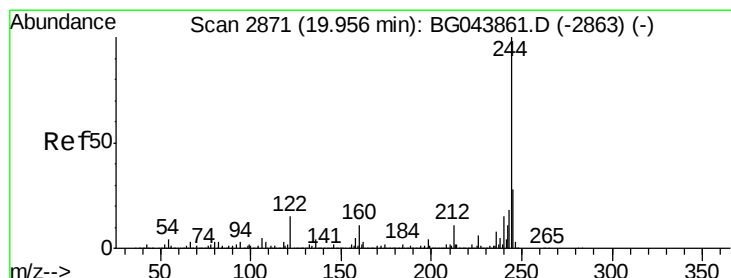
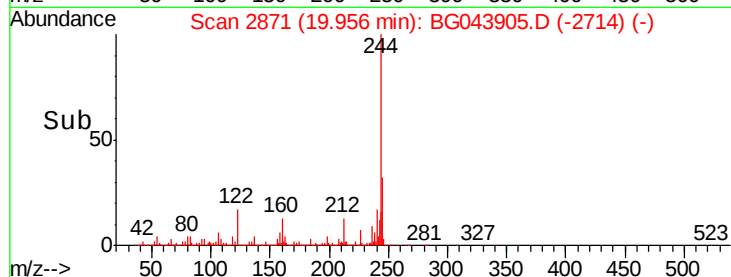
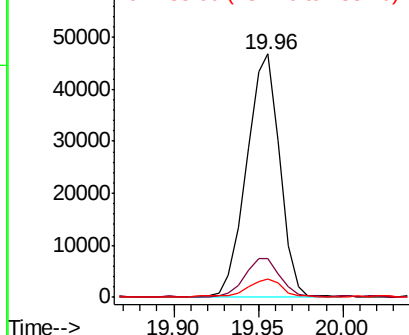
184 100

185 15.9 13.4 20.0

183 7.4 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: 96.372 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043905.D

Acq: 4 Jan 2020 2:27

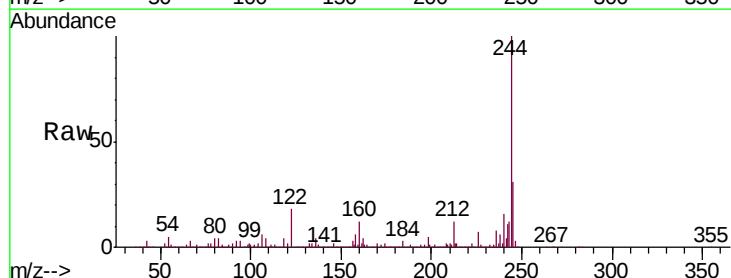
Tgt Ion:244 Resp: 2802894

Ion Ratio Lower Upper

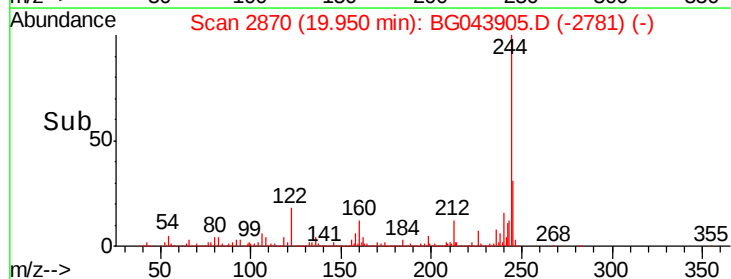
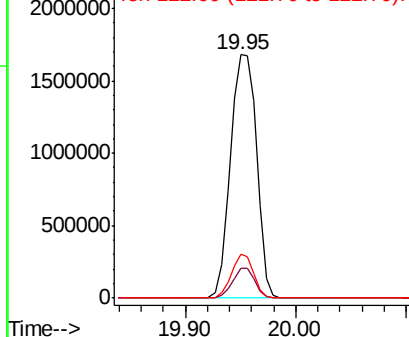
244 100

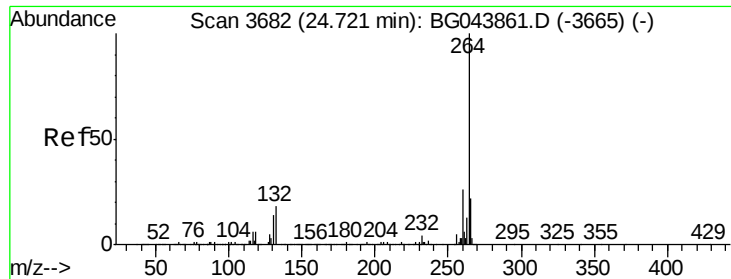
212 12.3 8.6 13.0

122 17.8 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: 24.71 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043905.D
Acq: 4 Jan 2020 2:27

Tgt Ion:	264	Resp:	812801
Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	22.8	17.4	26.2

