

Data File : BG043981.D
Acq On : 9 Jan 2020 1:15
Operator : JU
Sample : L1017-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Quant Time: Jan 09 06:16:05 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	7.95	152	120866	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	484782	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	314105	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	666585	20.00	ng	0.00
76) Chrysene-d12	21.58	240	579241	20.00	ng	-0.01
87) Perylene-d12	24.69	264	662054	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	978329	148.62	ng	0.00
7) Phenol-d6	7.12	99	1348973	146.61	ng	0.00
23) Nitrobenzene-d5	9.11	82	794906	87.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	511865	155.72	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1674192	96.57	ng	-0.01
79) Terphenyl-d14	19.95	244	2376787	105.00	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	119430	41.611	ng	# 46
3) Pyridine	3.85	79	315127	37.166	ng	94
4) n-Nitrosodimethylamine	3.74	42	165687	43.891	ng	100
6) Aniline	7.28	93	152463	12.615	ng	94
8) 2-Chlorophenol	7.52	128	389244	50.369	ng	98
9) Benzaldehyde	7.08	77	196381	33.346	ng	97
10) Phenol	7.15	94	476828	50.296	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	368880	45.076	ng	98
12) 1,3-Dichlorobenzene	7.85	146	368446	40.743	ng	100
13) 1,4-Dichlorobenzene	7.99	146	372646	41.763	ng	99
14) 1,2-Dichlorobenzene	8.31	146	358389	41.846	ng	99
15) Benzyl Alcohol	8.19	79	345742	47.610	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	509752	40.263	ng	98
17) 2-Methylphenol	8.40	107	347040	50.585	ng	99
18) Hexachloroethane	9.04	117	139233	40.102	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	297723	43.448	ng	98
20) 3+4-Methylphenols	8.73	107	472261	49.345	ng	99
22) Acetophenone	8.78	105	539047	44.726	ng	# 98
24) Nitrobenzene	9.15	77	412683	45.980	ng	99
25) Isophorone	9.68	82	813081	47.825	ng	99
26) 2-Nitrophenol	9.86	139	223603	52.658	ng	97
27) 2,4-Dimethylphenol	9.93	122	376053	58.832	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	509110	44.917	ng	99
29) 2,4-Dichlorophenol	10.40	162	389807	51.125	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	375489	43.922	ng	96
31) Naphthalene	10.80	128	1112888	47.439	ng	100
32) Benzoic acid	10.06	122	97532	22.554	ng	93
33) 4-Chloroaniline	10.92	127	28085	2.510	ng	97
34) Hexachlorobutadiene	11.10	225	213793	40.959	ng	99
35) Caprolactam	11.68	113	90860	32.011	ng	99
36) 4-Chloro-3-methylphenol	12.04	107	430151	52.995	ng	98
37) 2-Methylnaphthalene	12.41	142	839817	47.550	ng	99
38) 1-Methylnaphthalene	12.63	142	803576	48.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	400078	43.456	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	460887	96.562	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	317374	50.100	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	342200	52.376	ng	98
46) 1,1'-Biphenyl	13.42	154	1071618	47.583	ng	99
47) 2-Chloronaphthalene	13.46	162	834727	45.869	ng	99
48) 2-Nitroaniline	13.66	65	273183	46.667	ng	98
49) Acenaphthylene	14.31	152	1324877	50.652	ng	99
50) Dimethylphthalate	14.04	163	1101178	49.374	ng	99
51) 2,6-Dinitrotoluene	14.16	165	257171	51.017	ng	95
52) Acenaphthene	14.65	154	850018	46.340	ng	98
53) 3-Nitroaniline	14.48	138	53552	9.355	ng	97
54) 2,4-Dinitrophenol	14.69	184	174708	68.850	ng	97
55) Dibenzofuran	14.99	168	1258626	49.844	ng	99
56) 4-Nitrophenol	14.80	139	480118	109.450	ng	95
57) 2,4-Dinitrotoluene	14.95	165	357313	52.093	ng	99
58) Fluorene	15.63	166	1005100	50.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	301541	53.673	ng	98
60) Diethylphthalate	15.41	149	1118755	50.153	ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	527521	48.540	ng	99
62) 4-Nitroaniline	15.65	138	249591	44.152	ng	94
63) Azobenzene	15.92	77	1034958	50.028	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	163741	47.706	ng	97
66) n-Nitrosodiphenylamine	15.84	169	965360	49.178	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	346238	46.183	ng	99
68) Hexachlorobenzene	16.64	284	368682	45.639	ng	98
69) Atrazine	16.79	200	373909	58.599	ng	99
70) Pentachlorophenol	16.98	266	412321	92.591	ng	99
71) Phenanthrene	17.37	178	1603824	50.162	ng	99
72) Anthracene	17.47	178	1651611	52.269	ng	99
73) Carbazole	17.73	167	1539296	52.738	ng	99
74) Di-n-butylphthalate	18.30	149	1840361	49.385	ng	100
75) Fluoranthene	19.38	202	1837718	50.258	ng	99
77) Benzidine	19.56	184	152814	10.496	ng	96
78) Pyrene	19.74	202	1866943	49.378	ng	99
80) Butylbenzylphthalate	20.63	149	891477	49.524	ng	98
81) Benzo(a)anthracene	21.56	228	1784538	49.685	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	206320	14.540	ng	97
83) Chrysene	21.63	228	1719166	50.374	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1256377	50.584	ng	99
85) Di-n-octyl phthalate	22.67	149	2138344	51.211	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2250336	48.519	ng	# 92
88) Benzo(b)fluoranthene	23.72	252	1886783	48.207	ng	100
89) Benzo(k)fluoranthene	23.78	252	1885062	50.648	ng	99
90) Benzo(a)pyrene	24.56	252	1762465	47.711	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	1829581	49.316	ng	99
92) Benzo(g,h,i)perylene	29.35	276	1860478	50.487	ng	99

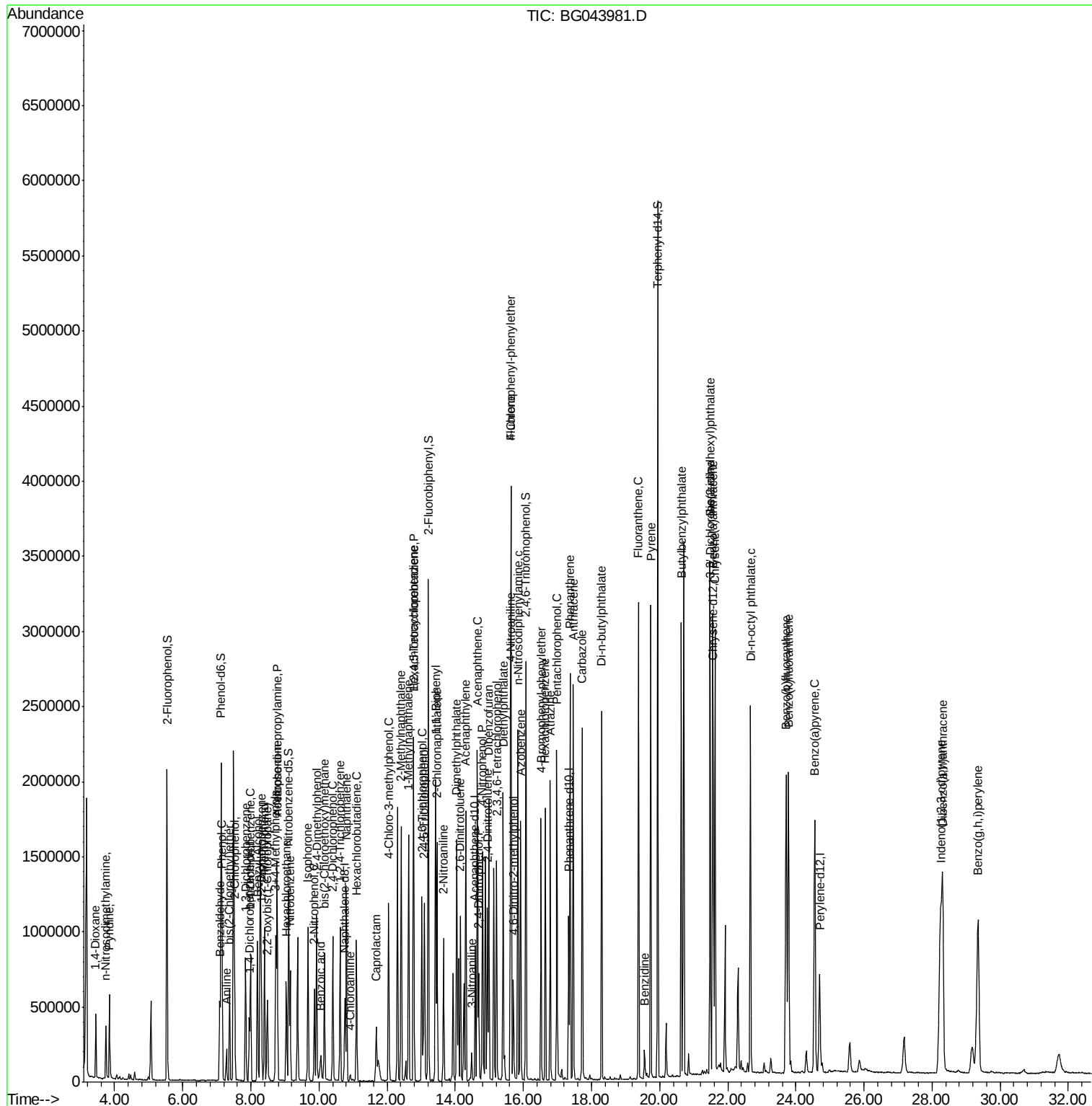
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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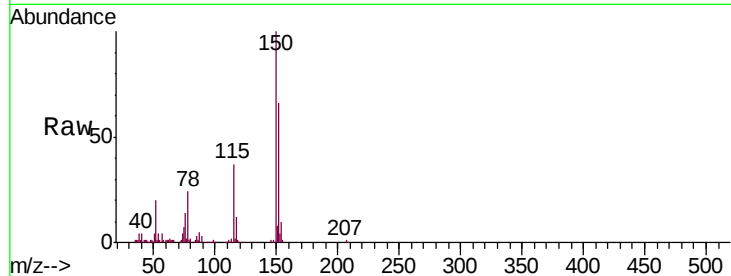


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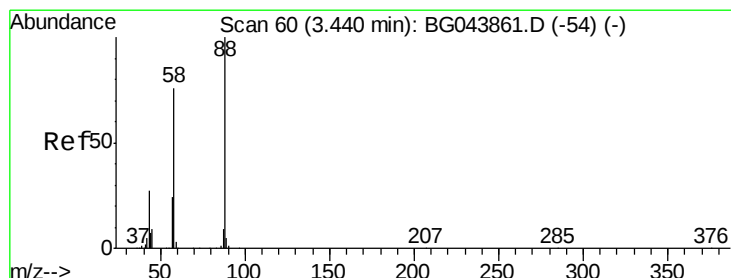
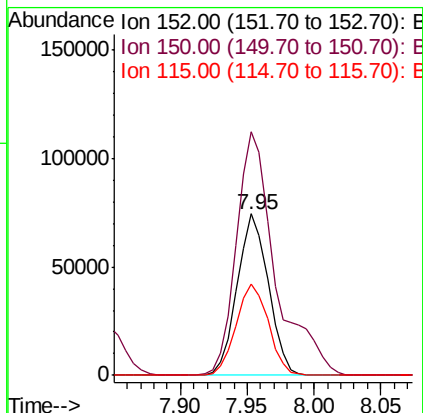
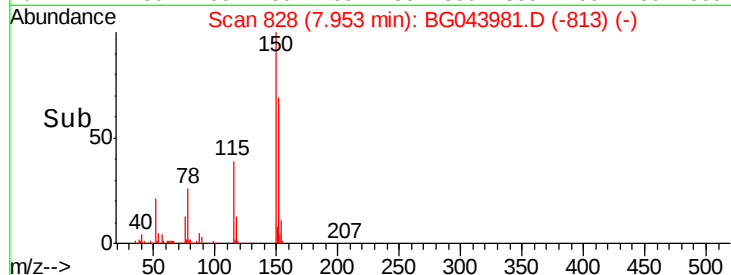
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043981.D
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Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	127.0	190.4
115	56.4	47.8	71.8



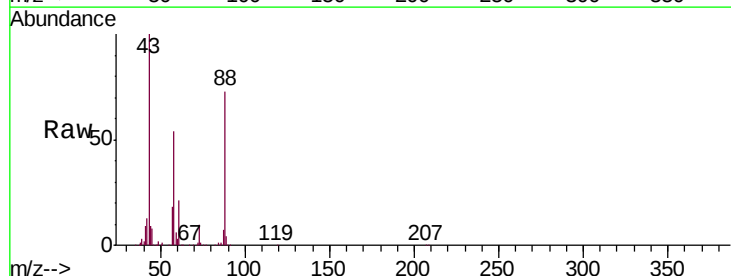
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



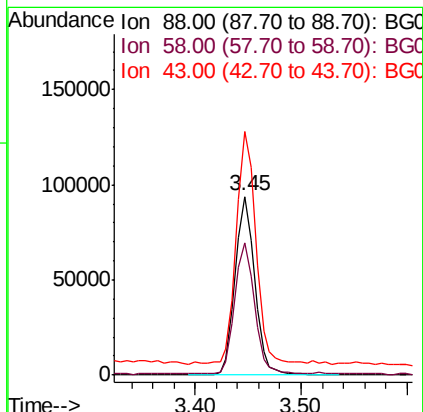
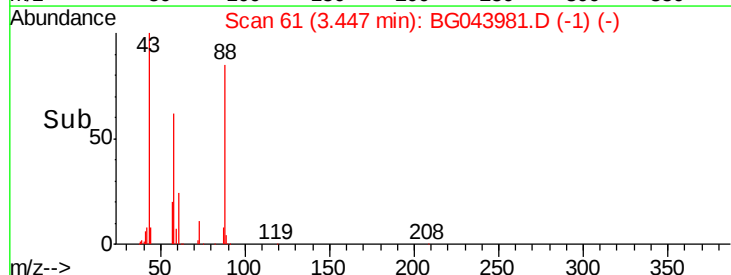
#2

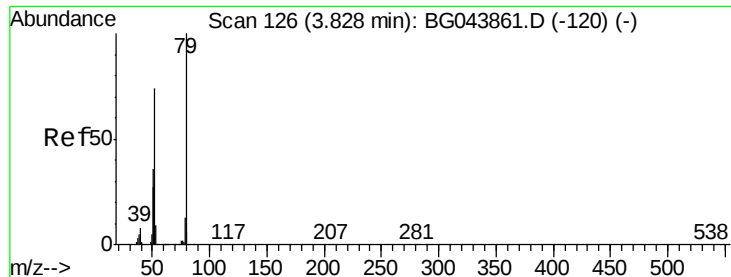
1,4-Dioxane
Concen: 41.611 ng
RT: 3.45 min Scan# 61
Delta R.T. 0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	59.8	89.8
43	131.9	22.9	34.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.166 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

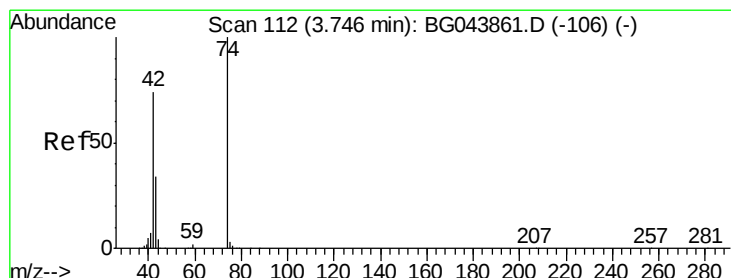
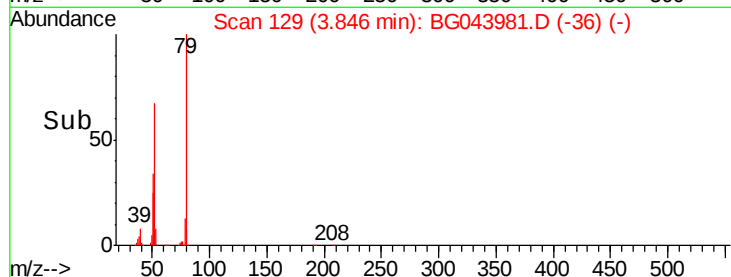
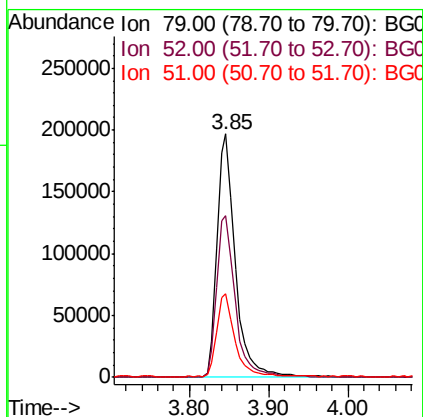
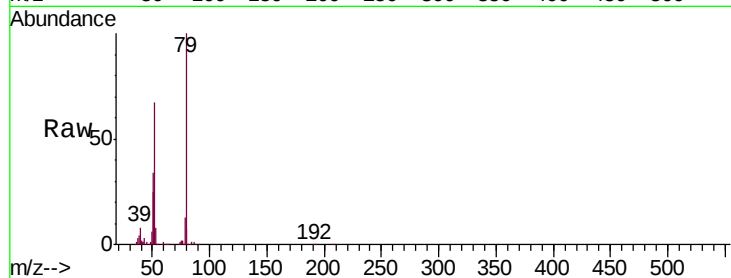
Tgt Ion: 79 Resp: 315127

Ion Ratio Lower Upper

79 100

52 66.7 58.9 88.3

51 34.4 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 43.891 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

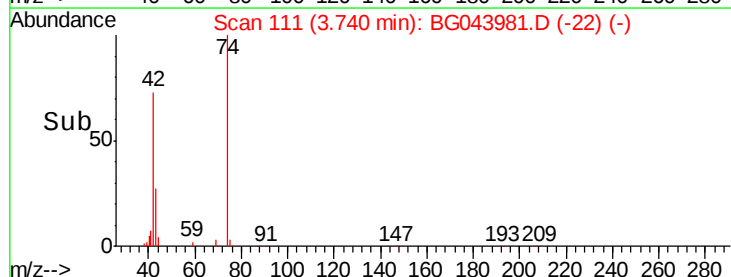
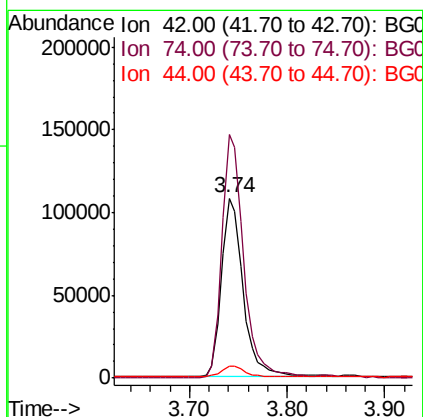
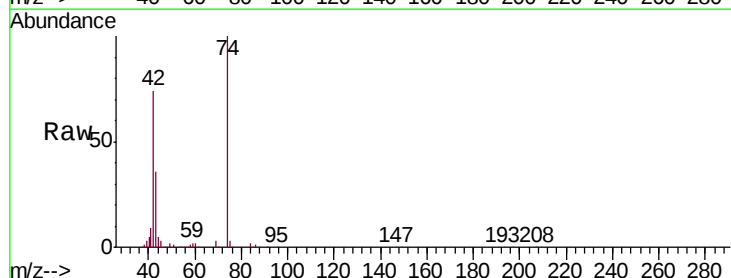
Tgt Ion: 42 Resp: 165687

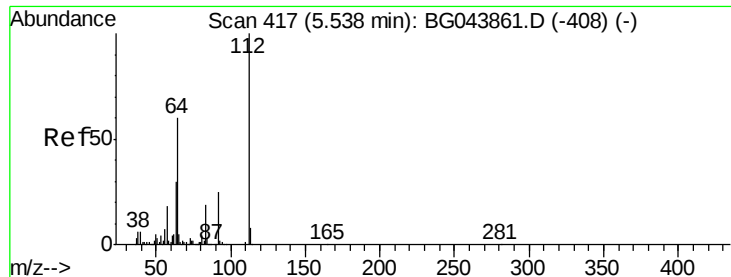
Ion Ratio Lower Upper

42 100

74 135.3 108.6 162.8

44 6.7 5.0 7.6





#5

2-Fluorophenol

Concen: 148.622 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

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ClientSampleId :

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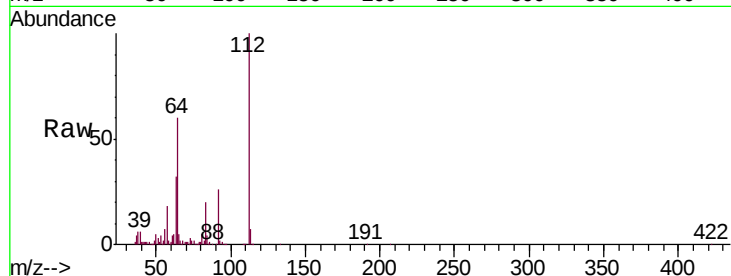
Tgt Ion: 112 Resp: 978329

Ion Ratio Lower Upper

112 100

64 60.2 47.8 71.6

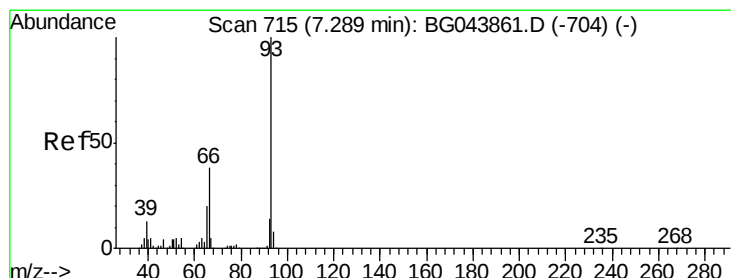
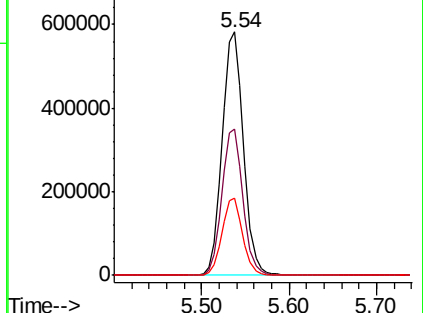
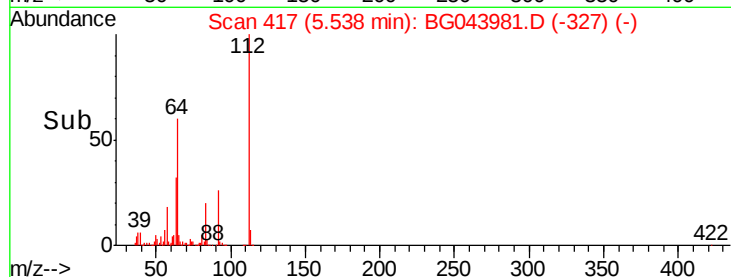
63 31.9 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.615 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

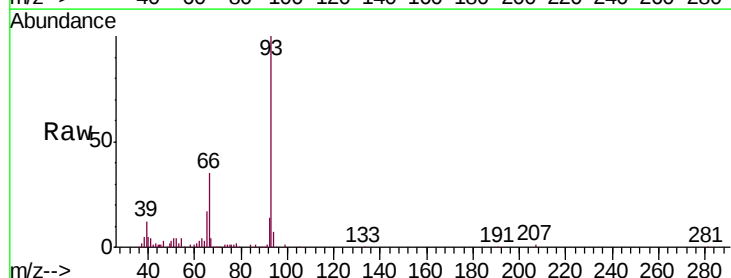
Tgt Ion: 93 Resp: 152463

Ion Ratio Lower Upper

93 100

66 35.0 30.8 46.2

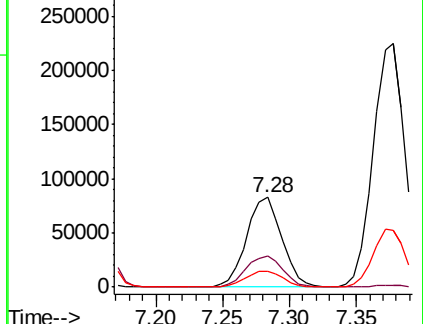
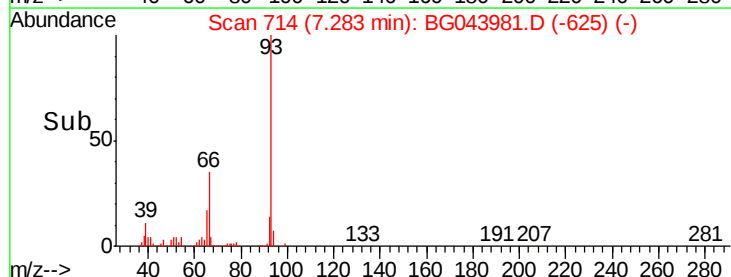
65 17.1 16.0 24.0

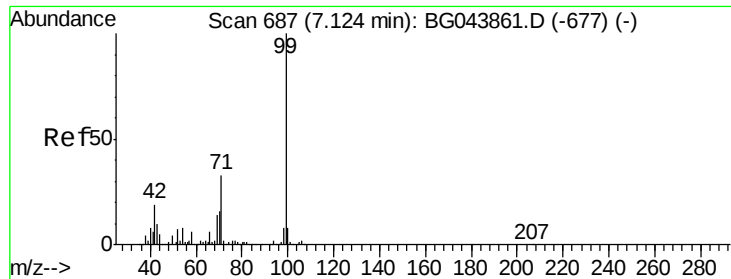


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.605 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

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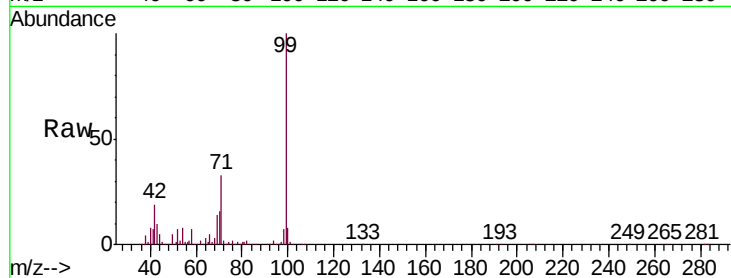
Tgt Ion: 99 Resp: 1348973

Ion Ratio Lower Upper

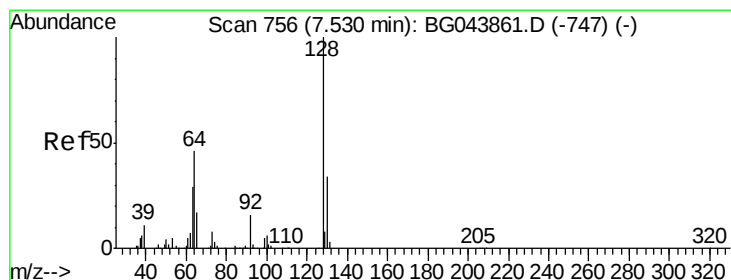
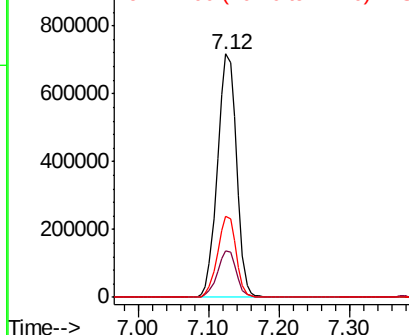
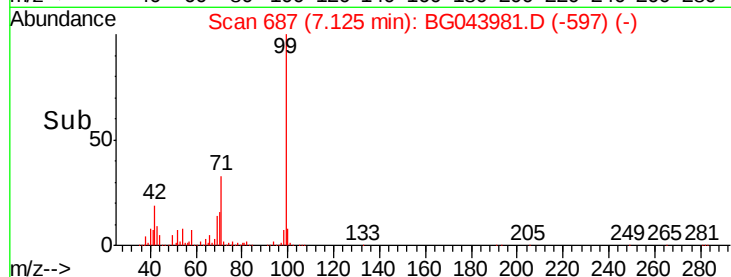
99 100

42 19.2 14.9 22.3

71 33.1 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



#8

2-Chlorophenol

Concen: 50.369 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

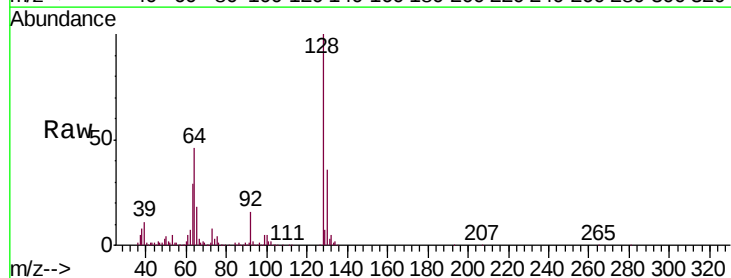
Tgt Ion: 128 Resp: 389244

Ion Ratio Lower Upper

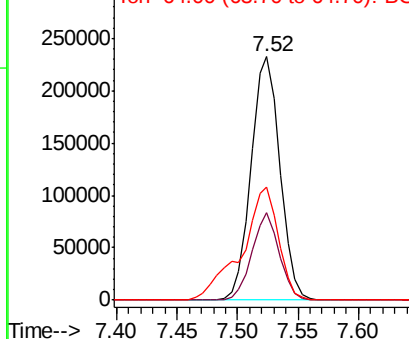
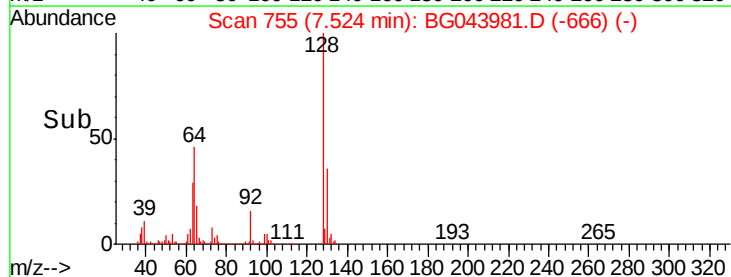
128 100

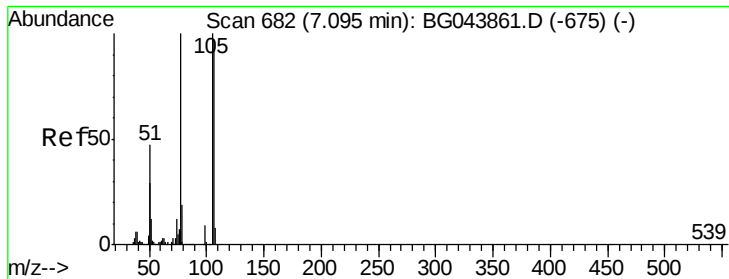
130 35.7 13.8 53.8

64 46.3 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.346 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG043981.D

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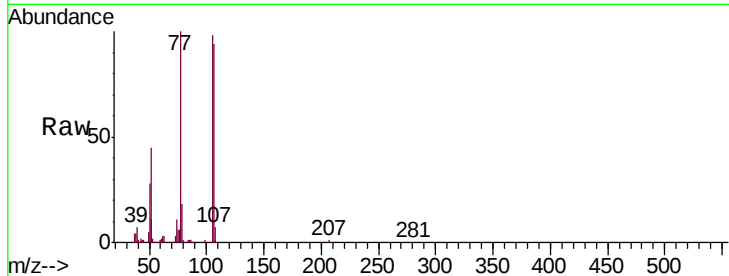
Tgt Ion: 77 Resp: 196381

Ion Ratio Lower Upper

77 100

105 97.9 80.2 120.2

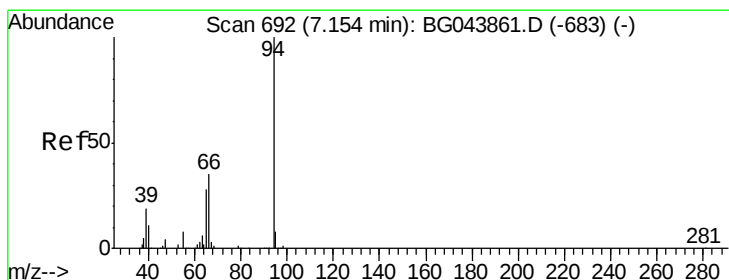
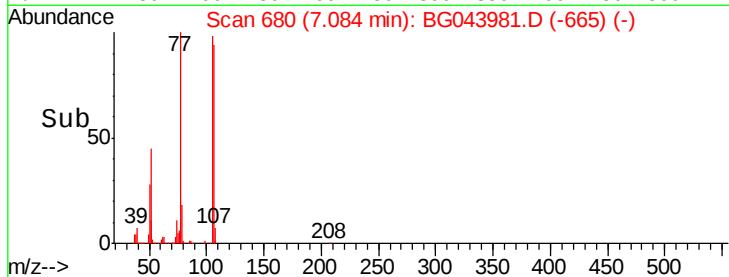
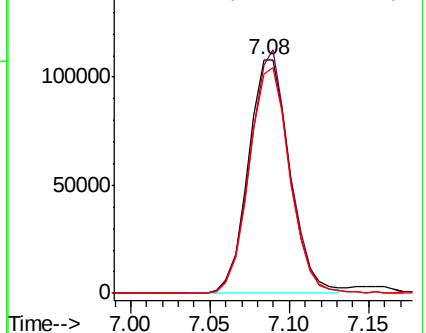
106 94.2 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.296 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

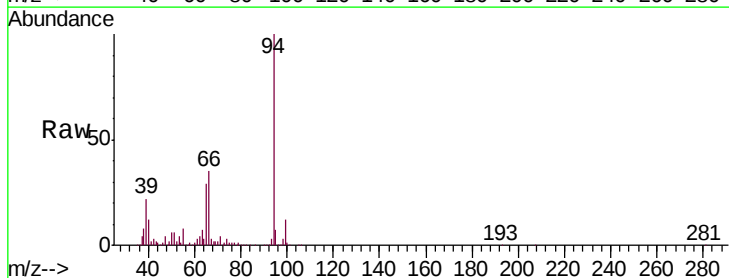
Tgt Ion: 94 Resp: 476828

Ion Ratio Lower Upper

94 100

65 28.6 8.1 48.1

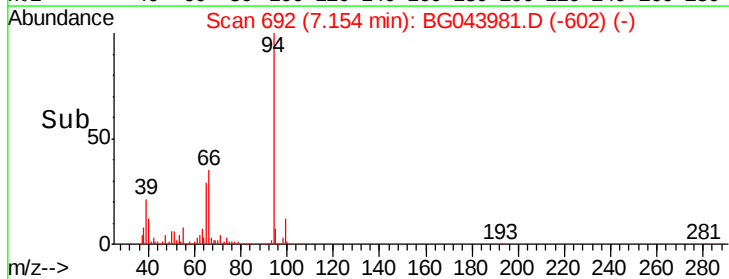
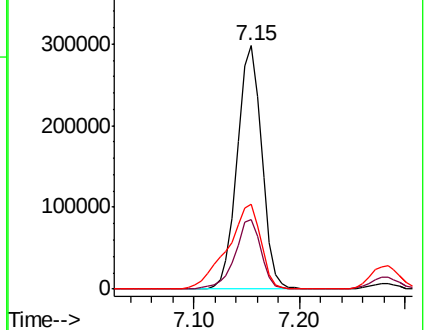
66 34.8 15.6 55.6

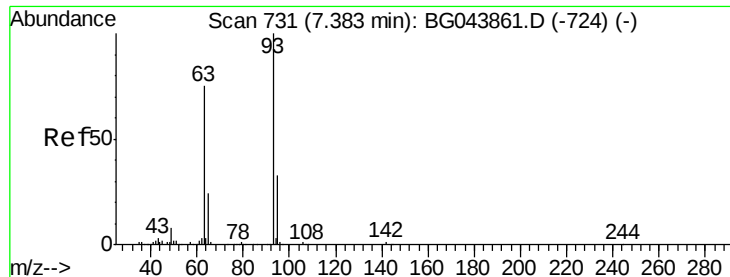


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

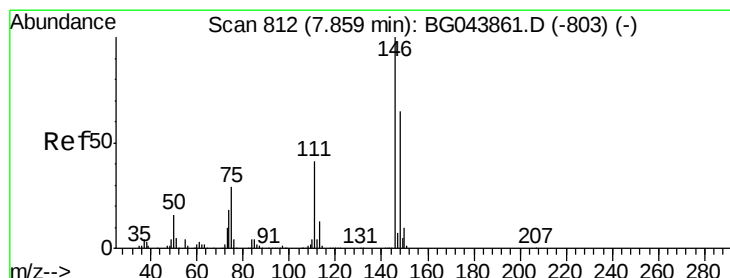
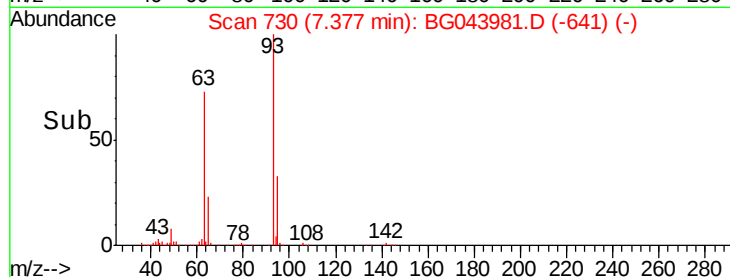
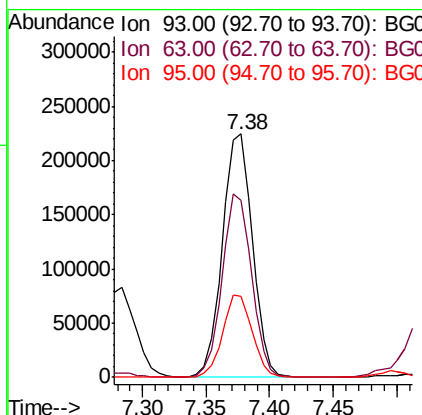
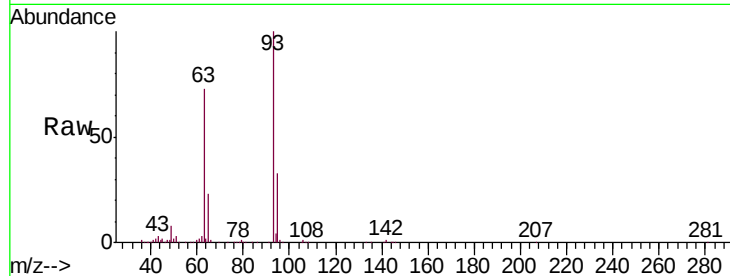




#11
bis(2-Chloroethyl)ether
Concen: 45.076 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

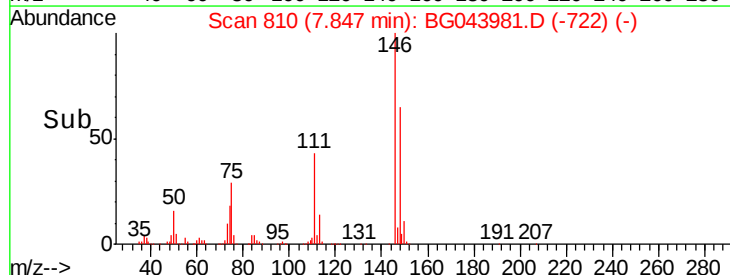
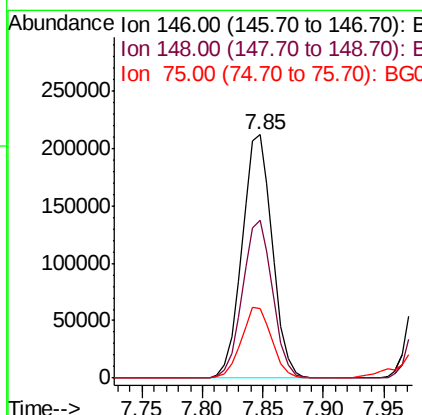
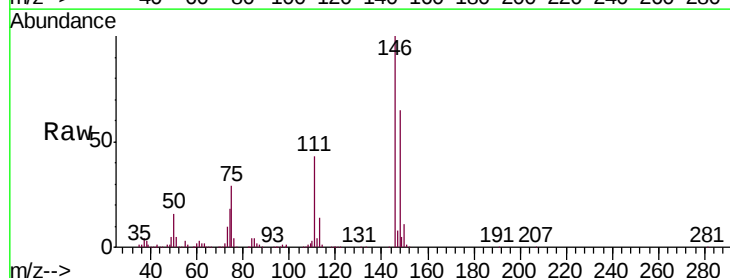
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

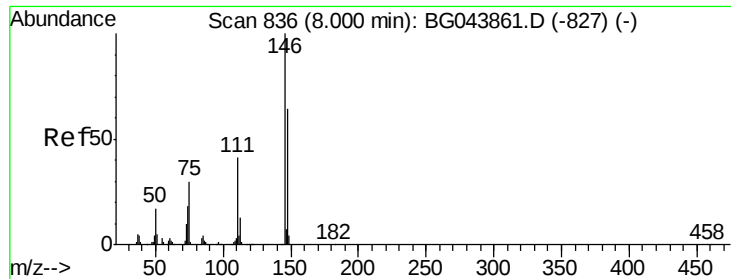
Tgt Ion: 93 Resp: 368880
Ion Ratio Lower Upper
93 100
63 72.7 55.0 95.0
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.743 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion: 146 Resp: 368446
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 28.6 23.0 34.4

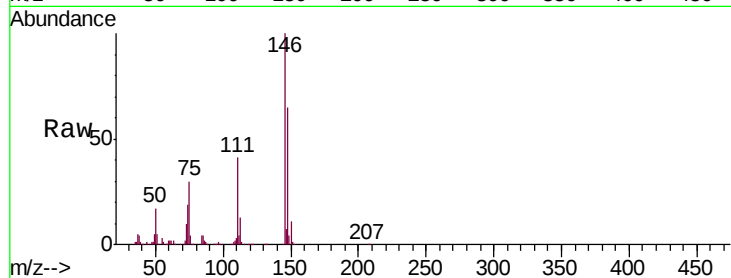




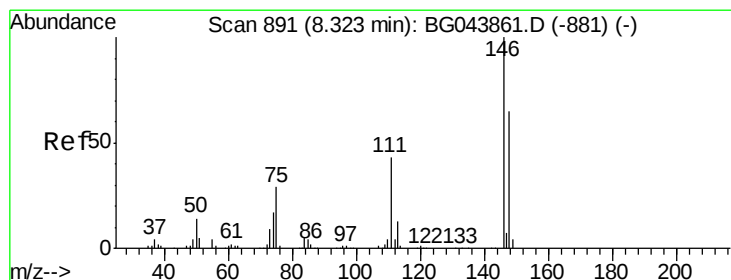
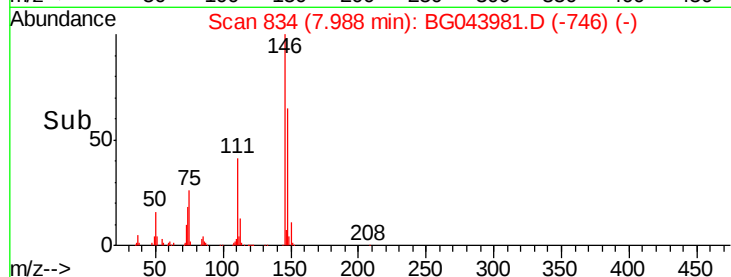
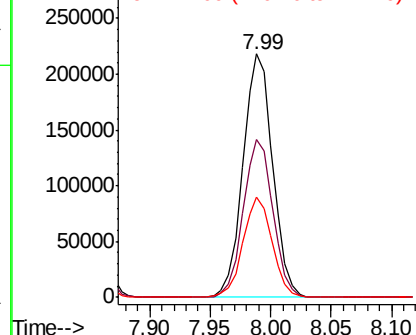
#13
 1,4-Dichlorobenzene
 Concen: 41.763 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tgt Ion:146 Resp: 372646
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.2 76.8
 111 41.3 33.1 49.7

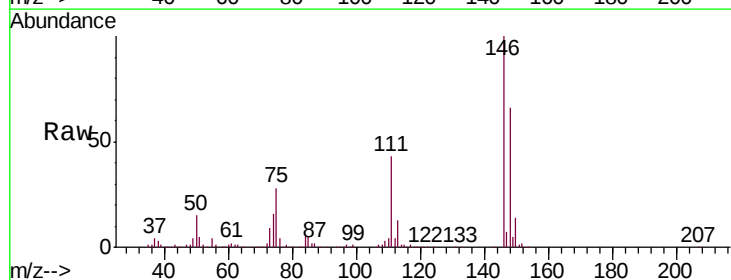


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

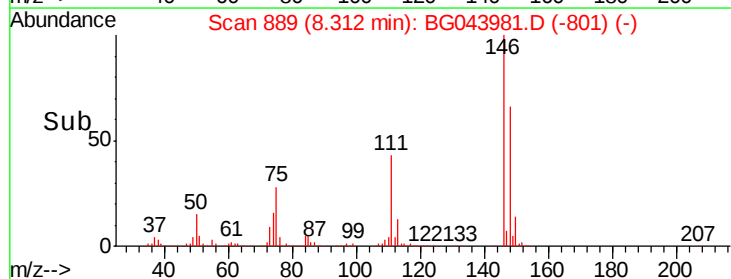
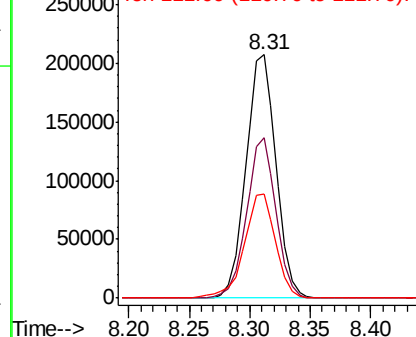


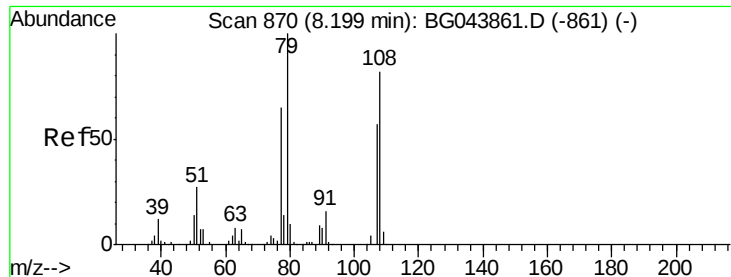
#14
 1,2-Dichlorobenzene
 Concen: 41.846 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion:146 Resp: 358389
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.7 77.5
 111 42.6 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.610 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

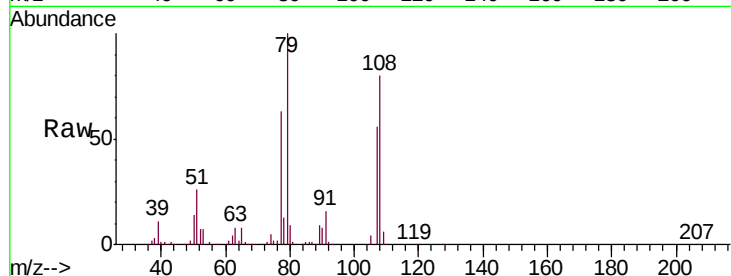
Tgt Ion: 79 Resp: 345742

Ion Ratio Lower Upper

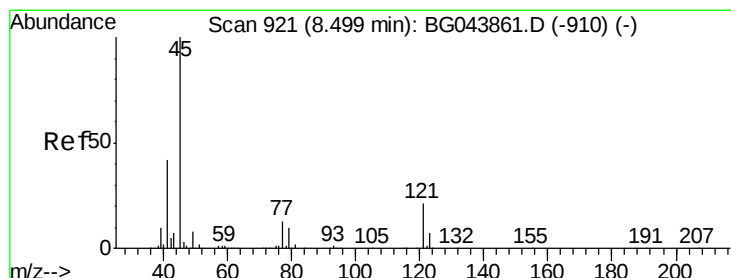
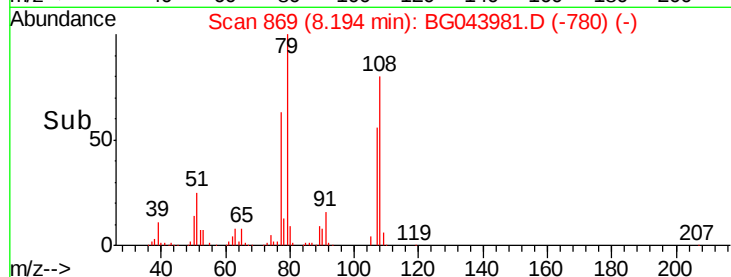
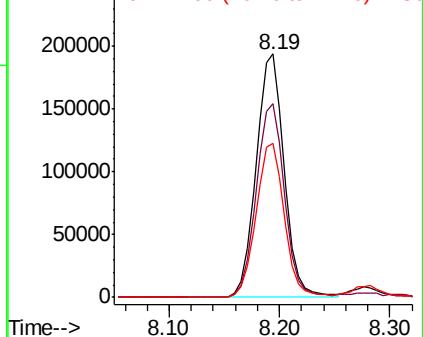
79 100

108 79.6 65.6 98.4

77 63.2 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.263 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

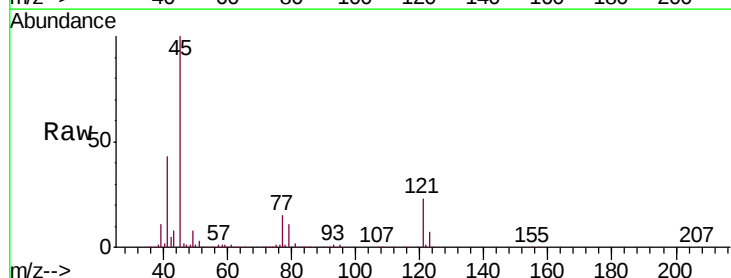
Tgt Ion: 45 Resp: 509752

Ion Ratio Lower Upper

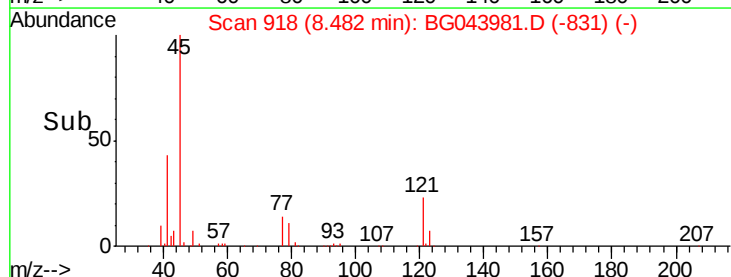
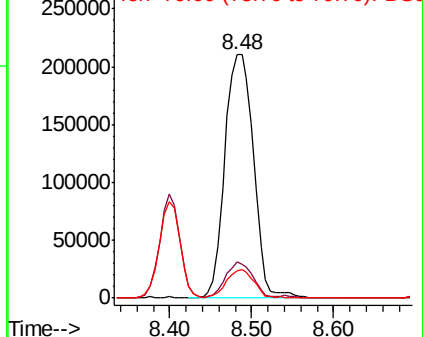
45 100

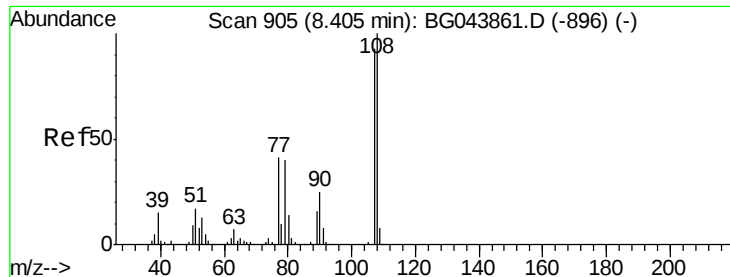
77 14.9 0.0 33.8

79 11.2 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

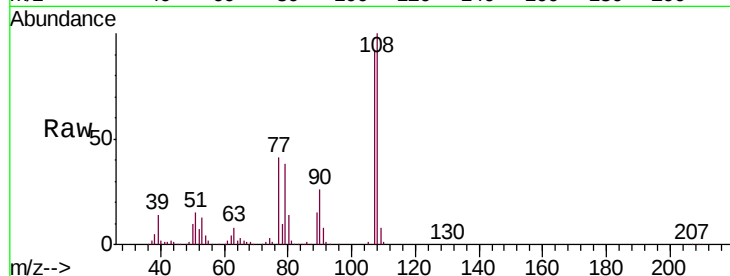




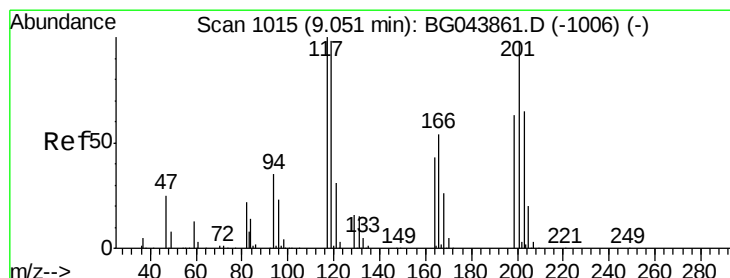
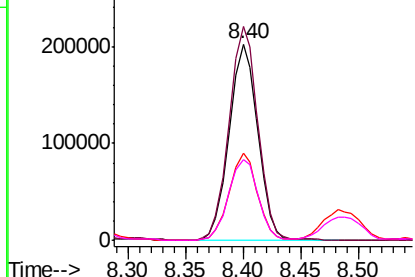
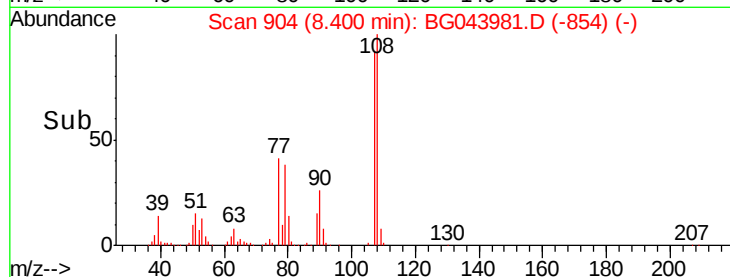
#17
2-Methylphenol
Concen: 50.585 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:107 Resp: 347040
Ion Ratio Lower Upper
107 100
108 108.9 86.1 129.1
77 44.2 35.4 53.0
79 41.3 34.8 52.2

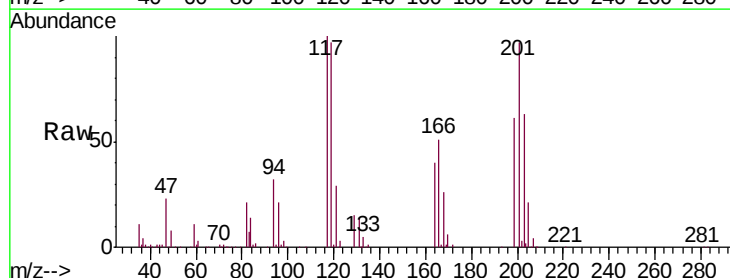


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

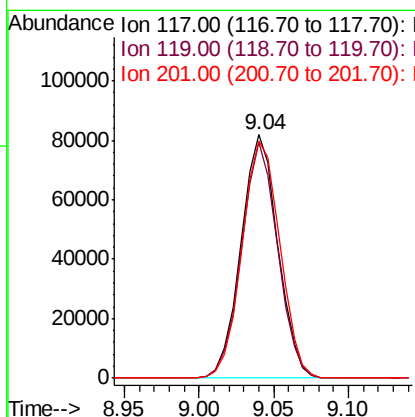
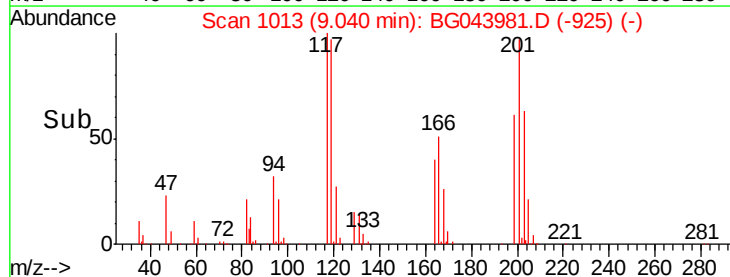


#18
Hexachloroethane
Concen: 40.102 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:117 Resp: 139233
Ion Ratio Lower Upper
117 100
119 96.7 78.1 117.1
201 97.5 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

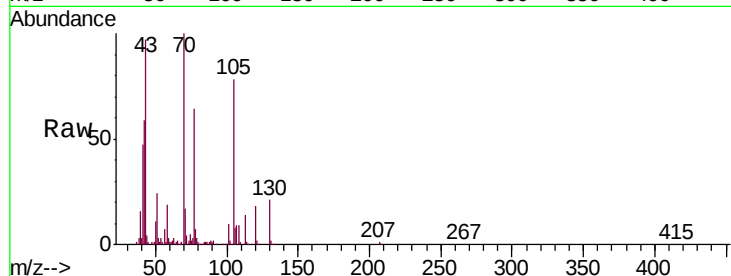




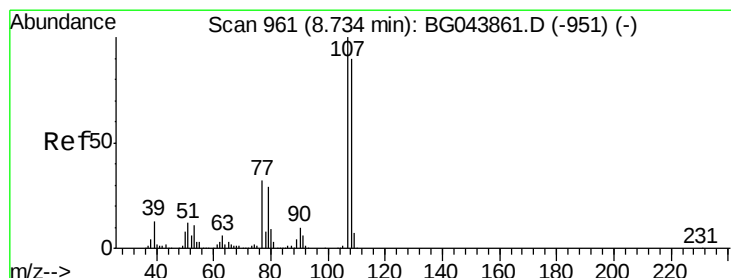
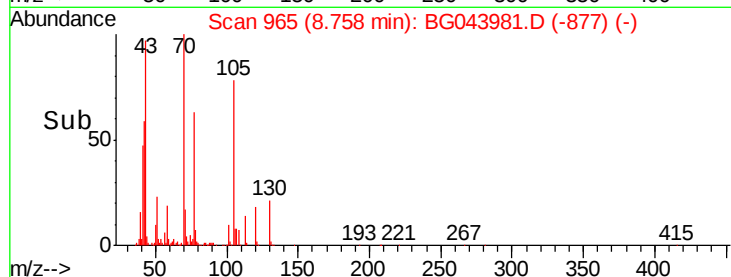
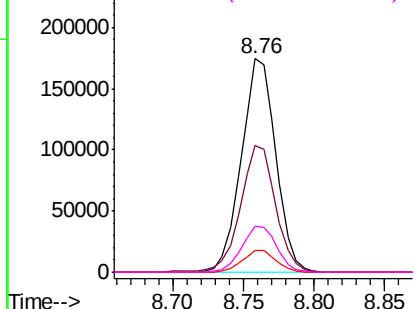
#19
n-Nitroso-di-n-propylamine
Concen: 43.448 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:	70	Resp:	297723
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.0	70.4
101	10.2	7.2	10.8
130	21.3	15.6	23.4

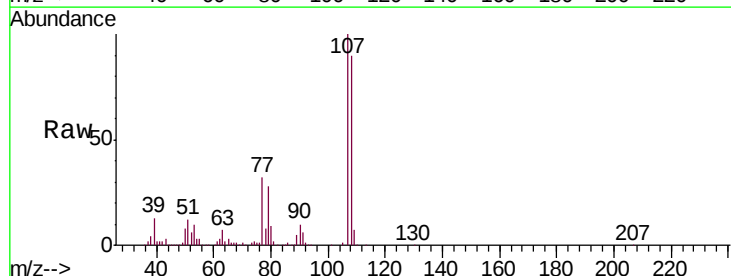


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

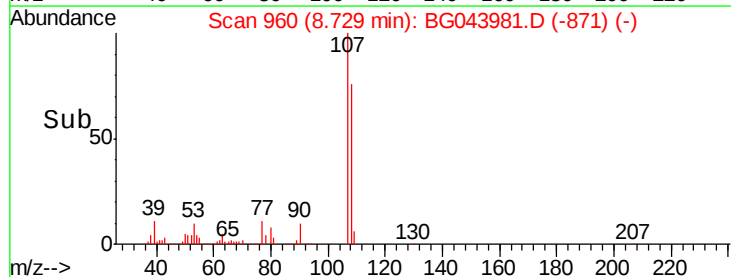
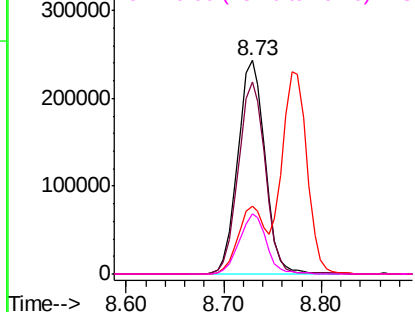


#20
3+4-Methylphenols
Concen: 49.345 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:	107	Resp:	472261
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.3	110.3
77	32.0	12.4	52.4
79	28.1	8.6	48.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

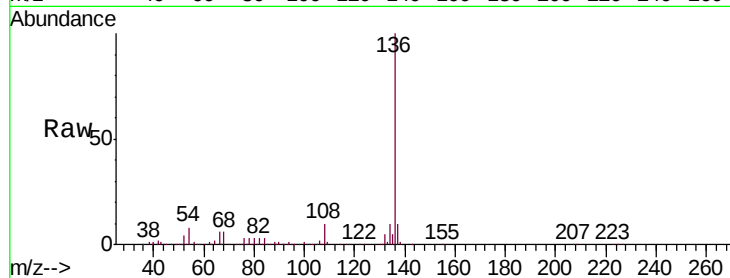




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:	136	Resp:	484782
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.9	7.0	10.4
68	5.9	4.9	7.3



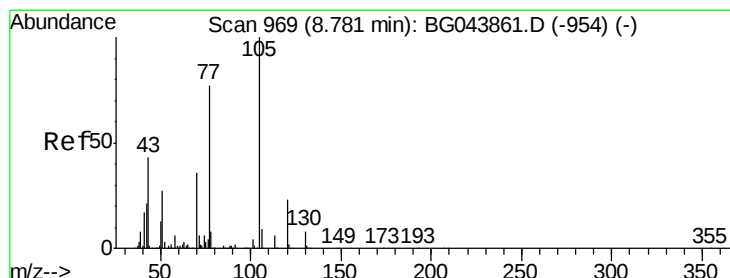
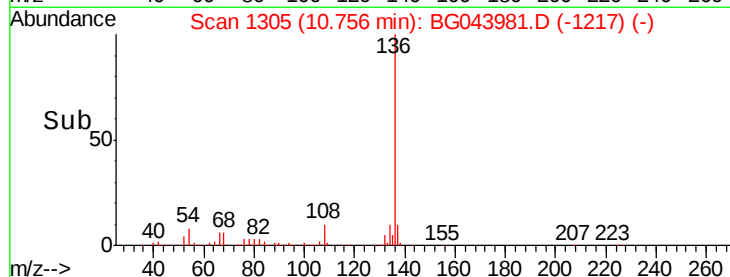
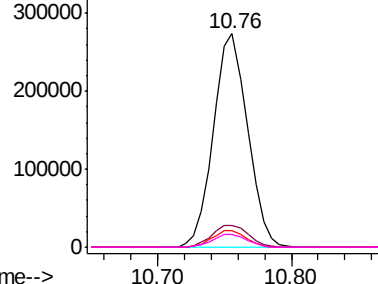
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

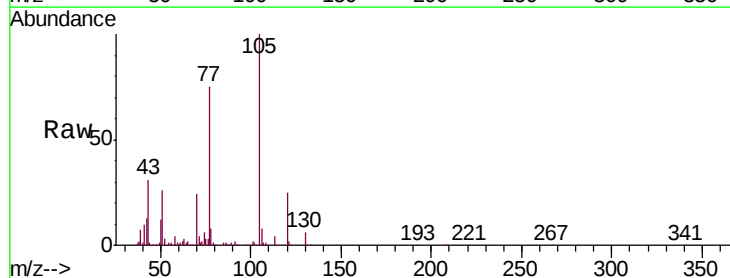
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.726 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:	105	Resp:	539047
Ion	Ratio	Lower	Upper
105	100		
71	3.9	4.8	7.2#
51	26.1	21.4	32.0
120	24.7	18.6	28.0



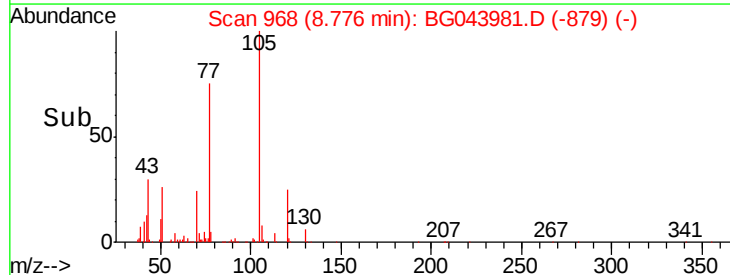
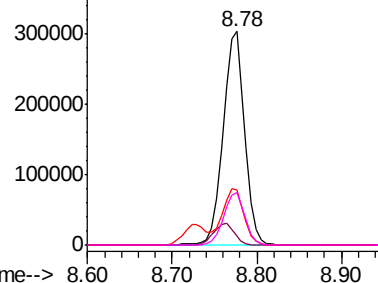
Abundance

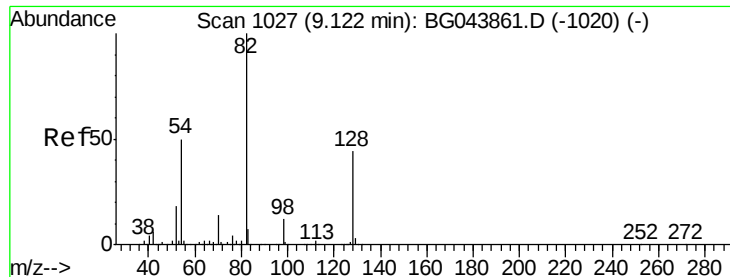
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

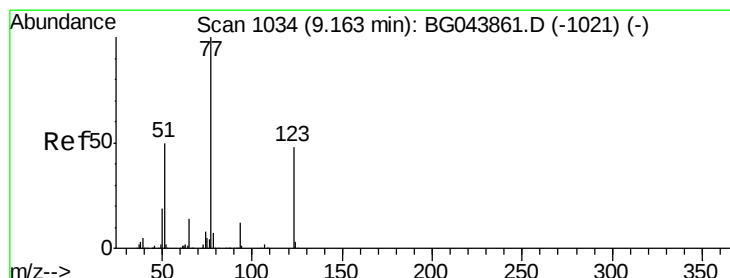
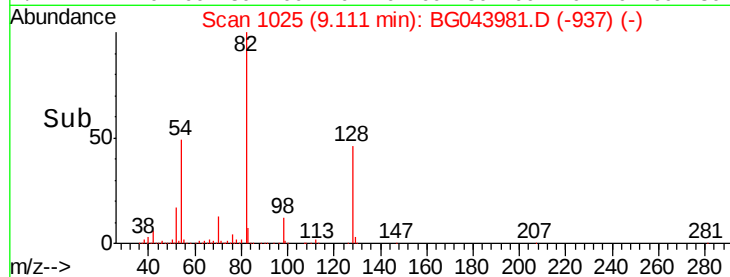
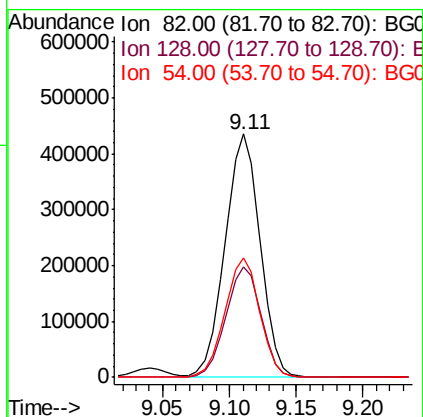
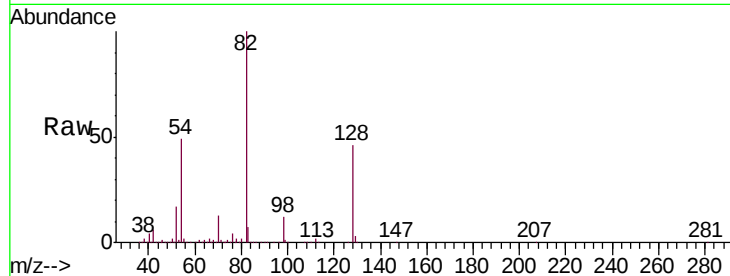




#23
 Nitrobenzene-d5
 Concen: 87.718 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

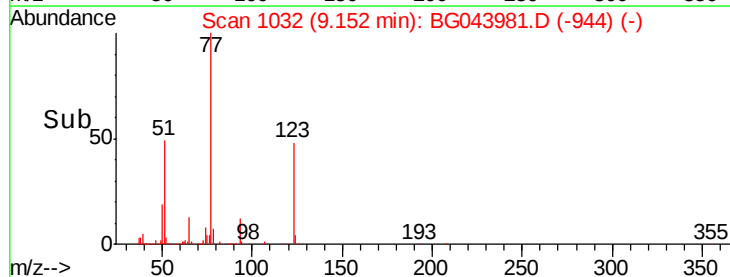
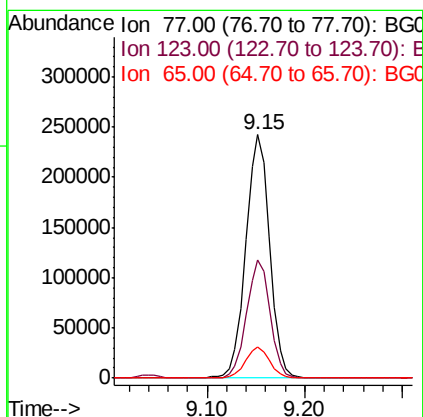
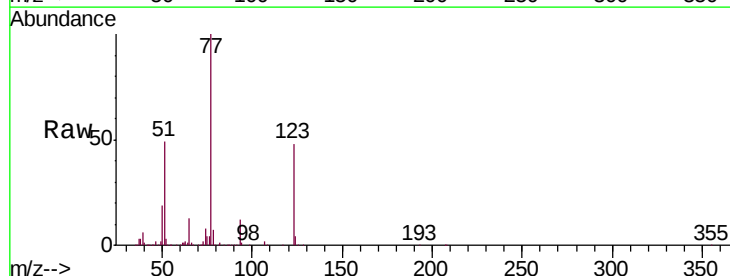
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

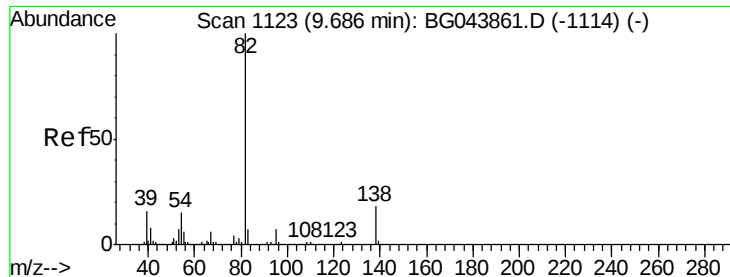
Tgt Ion: 82 Resp: 794906
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.1 52.7
 54 49.0 40.1 60.1



#24
 Nitrobenzene
 Concen: 45.980 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion: 77 Resp: 412683
 Ion Ratio Lower Upper
 77 100
 123 48.4 38.7 58.1
 65 13.0 11.1 16.7

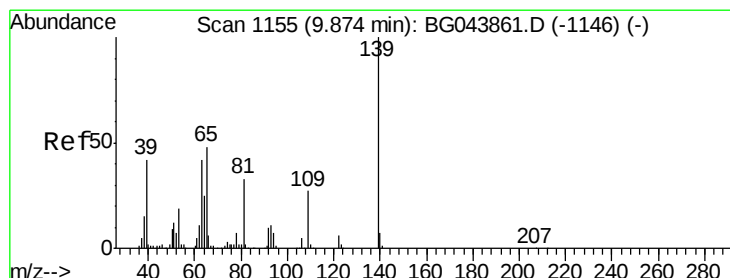
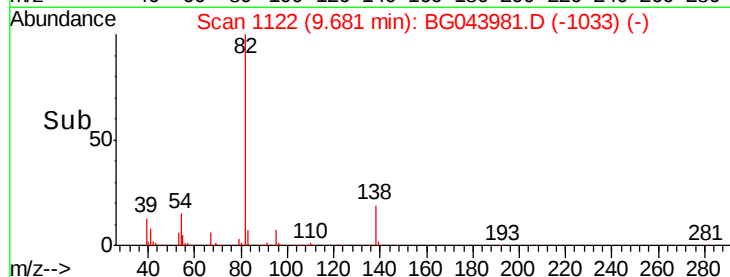
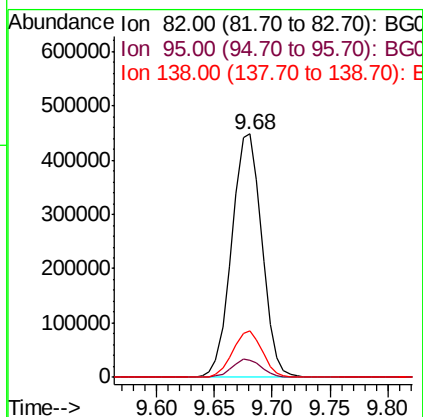
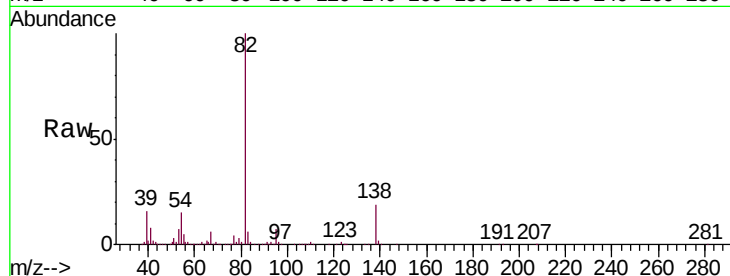




#25
Isophorone
Concen: 47.825 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

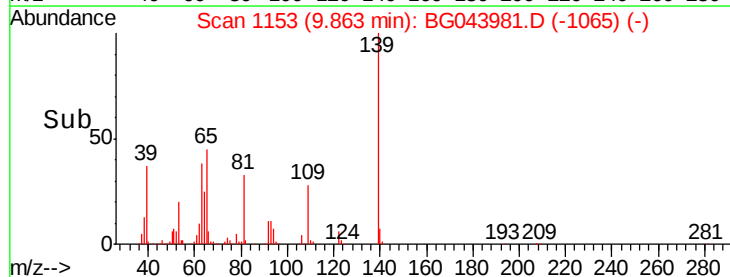
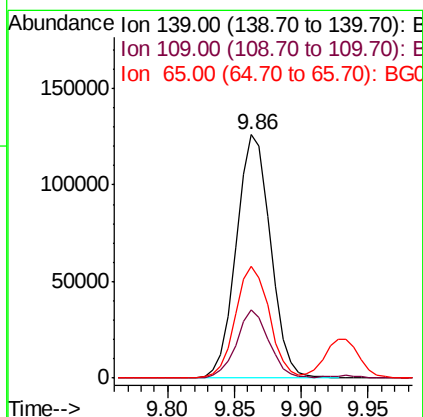
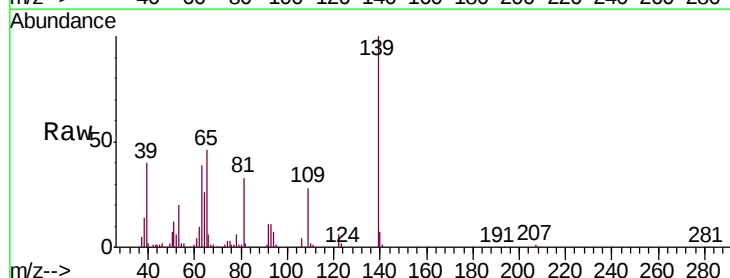
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion: 82 Resp: 813081
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 19.0 14.6 22.0



#26
2-Nitrophenol
Concen: 52.658 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion: 139 Resp: 223603
Ion Ratio Lower Upper
139 100
109 28.2 21.3 31.9
65 45.8 38.6 57.8

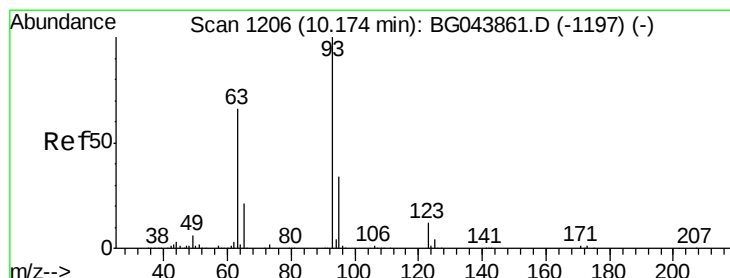
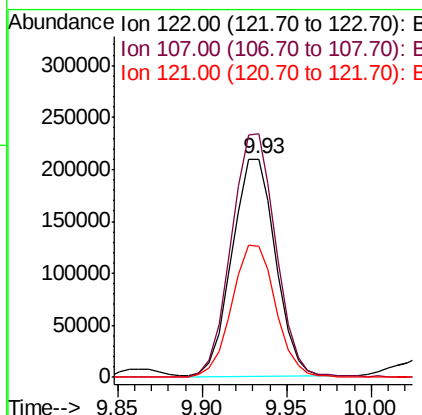
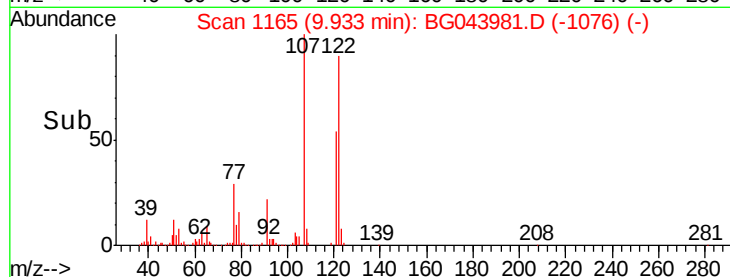
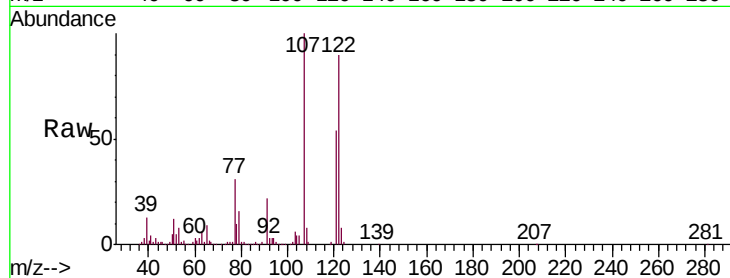




#27
2,4-Dimethylphenol
Concen: 58.832 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

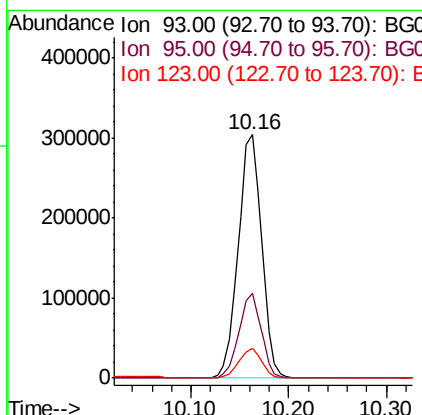
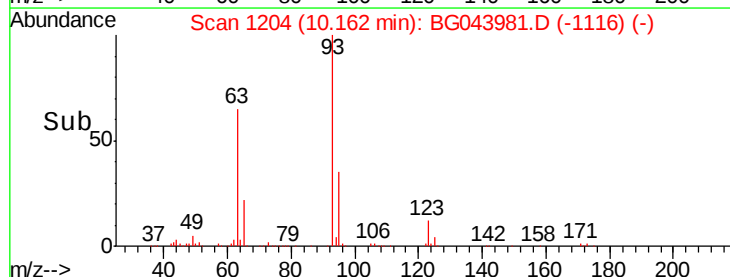
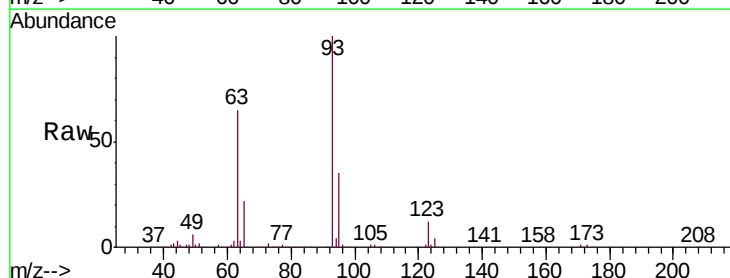
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.4	88.0	132.0
121	60.0	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.917 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	27.2	40.8
123	12.3	9.7	14.5

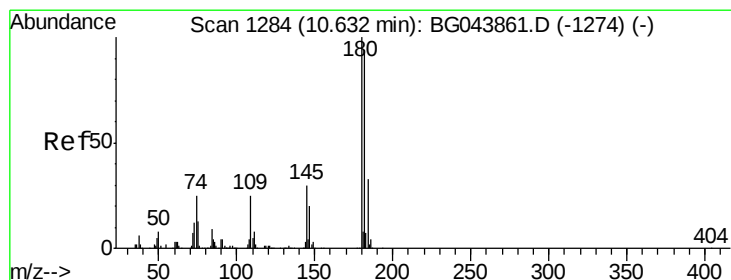
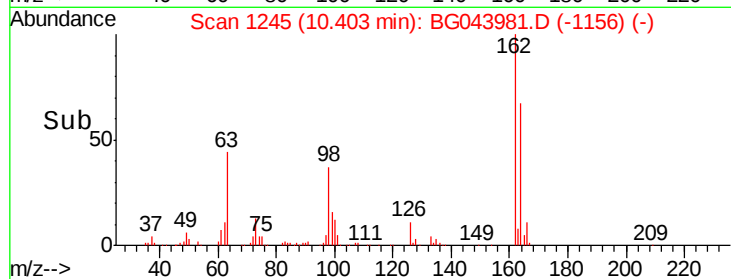
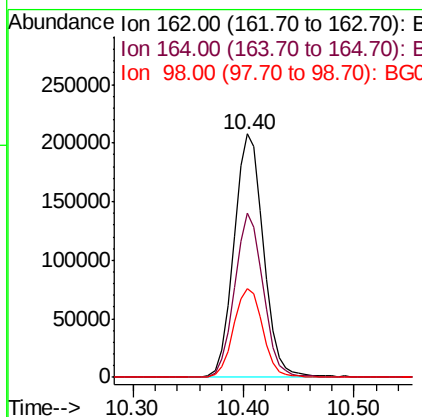
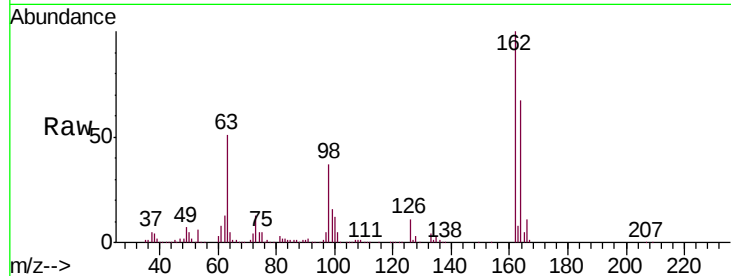




#29
 2,4-Dichlorophenol
 Concen: 51.125 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

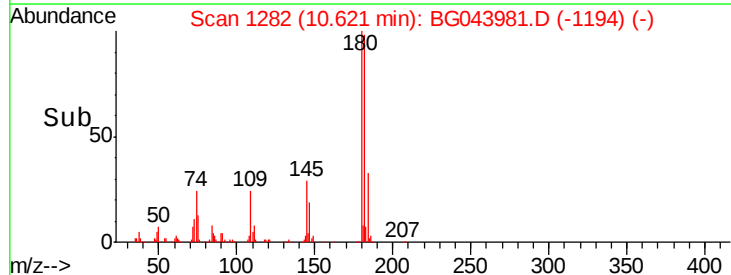
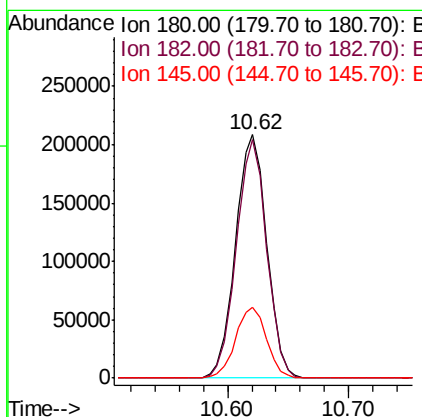
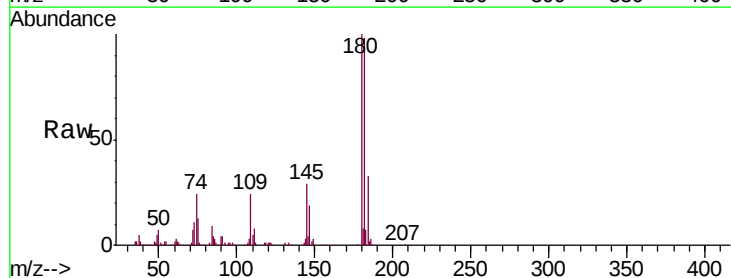
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.5	46.3	86.3
98	36.7	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.922 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.0	112.4
145	29.3	24.2	36.4

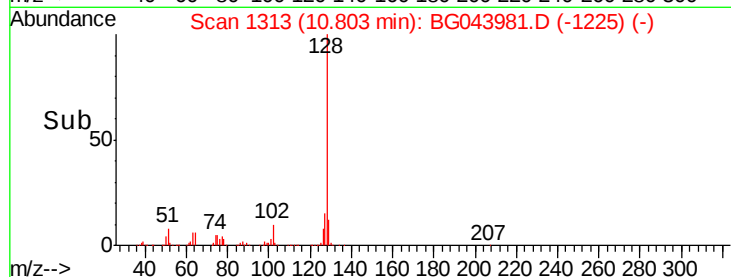
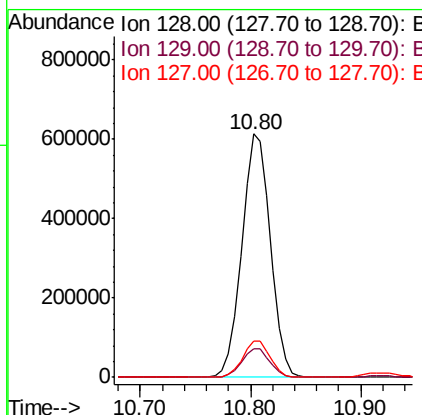
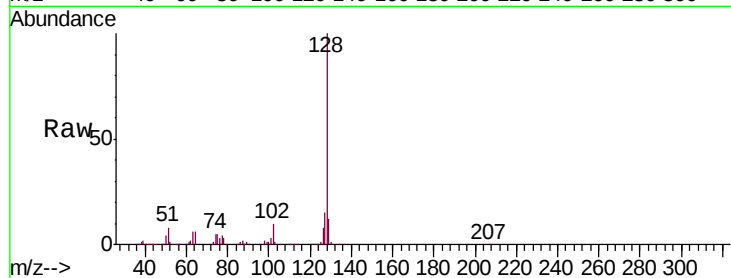




#31
Naphthalene
Concen: 47.439 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

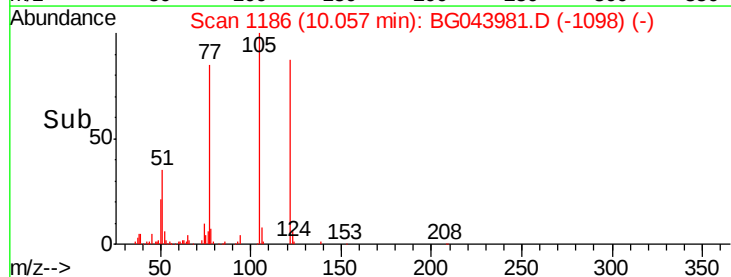
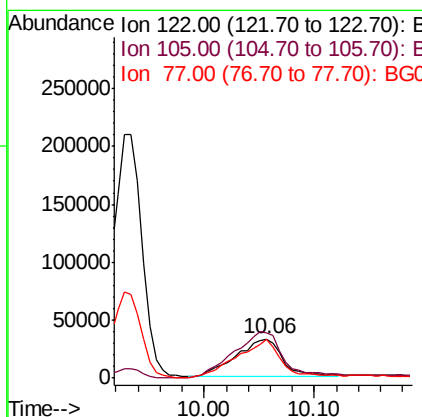
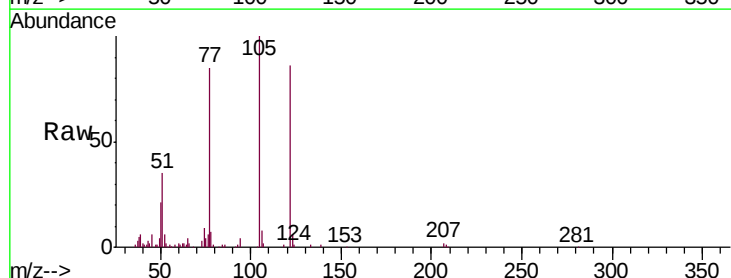
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

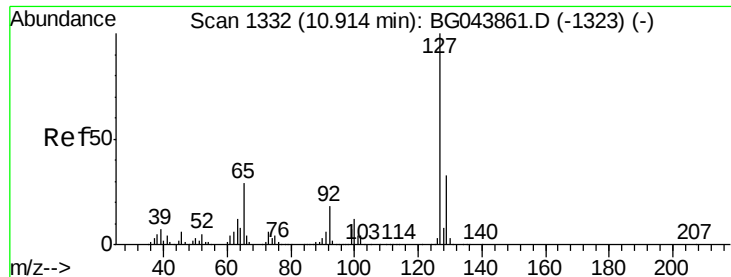
Tgt Ion:128 Resp: 1112888
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 15.0 12.0 18.0



#32
Benzoic acid
Concen: 22.554 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:122 Resp: 97532
Ion Ratio Lower Upper
122 100
105 115.6 106.4 146.4
77 98.3 74.6 114.6

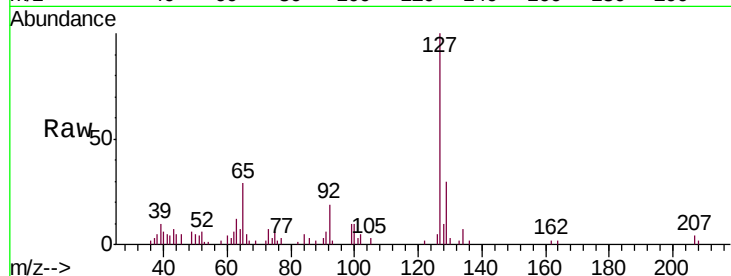




#33
4-Chloroaniline
Concen: 2.510 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:	127	Resp:	28085
Ion	Ratio	Lower	Upper
127	100		
129	29.7	26.6	40.0
65	28.9	23.3	34.9
92	18.9	14.7	22.1



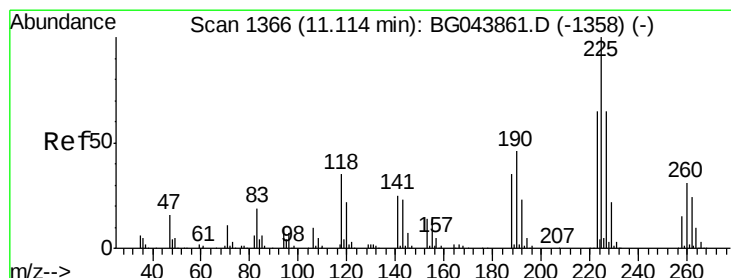
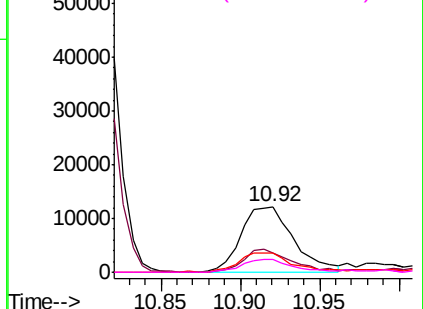
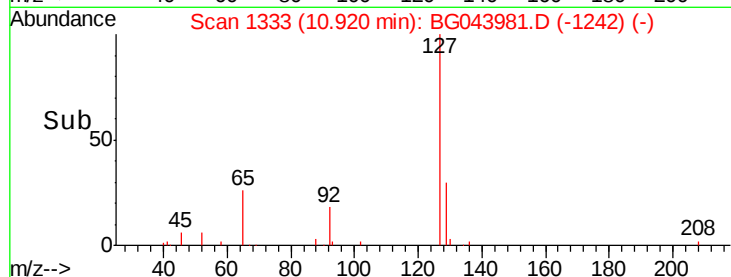
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

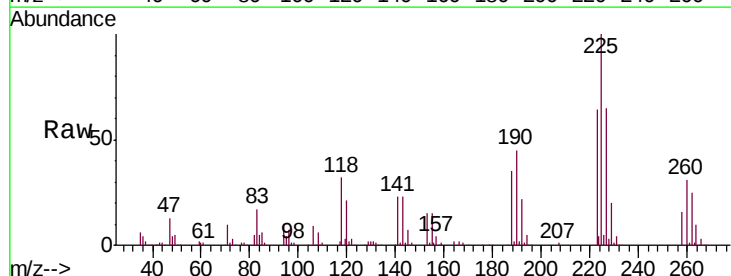
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.959 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:	225	Resp:	213793
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.2	78.4
227	64.6	52.1	78.1

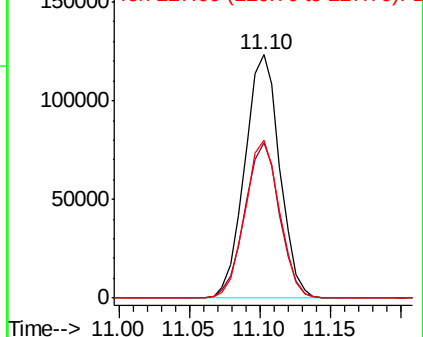
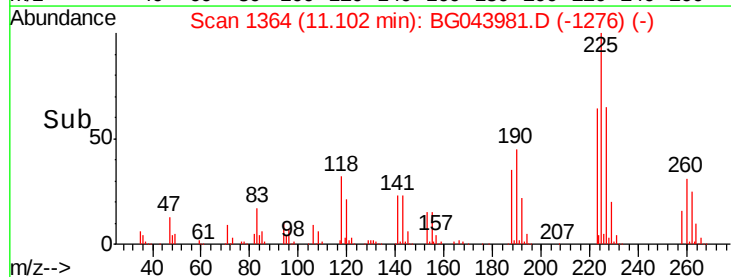


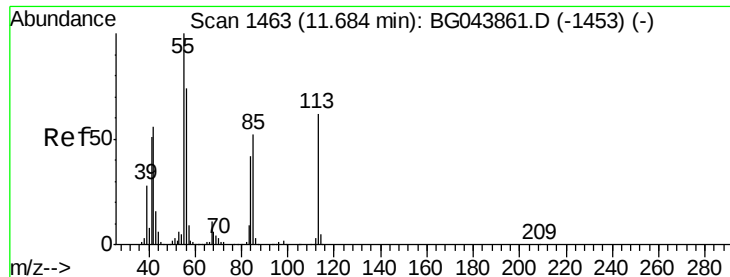
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.011 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

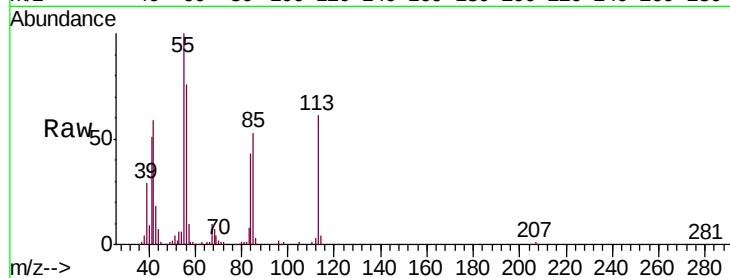
Tgt Ion:113 Resp: 90860

Ion Ratio Lower Upper

113 100

55 163.2 142.5 182.5

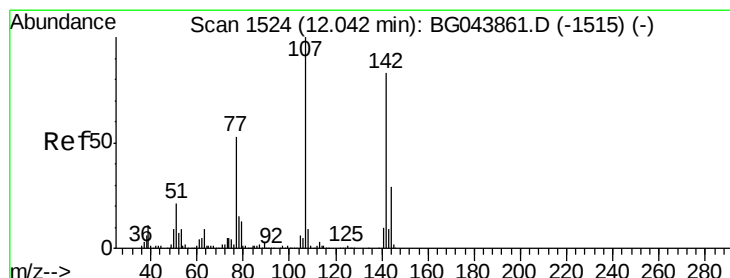
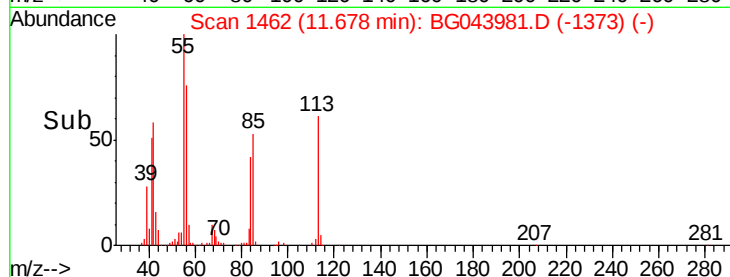
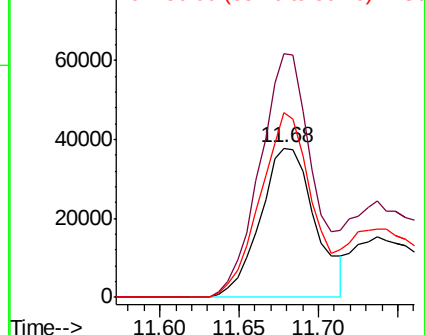
56 124.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.995 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

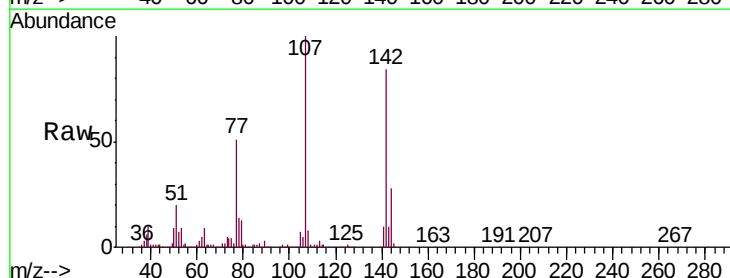
Tgt Ion:107 Resp: 430151

Ion Ratio Lower Upper

107 100

144 28.0 23.4 35.2

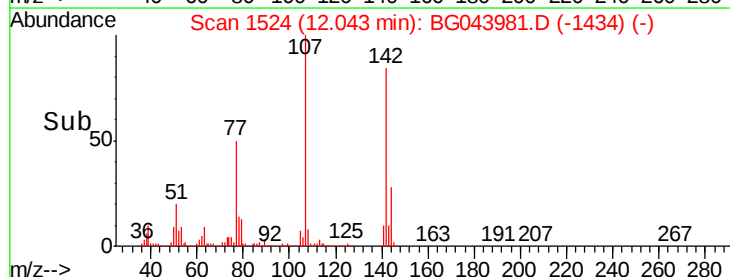
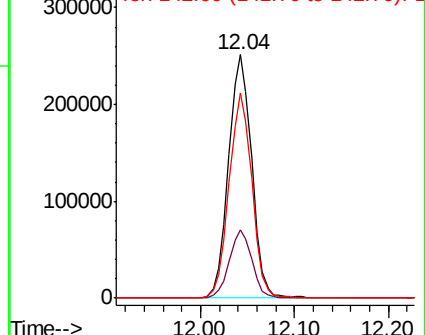
142 84.5 66.3 99.5

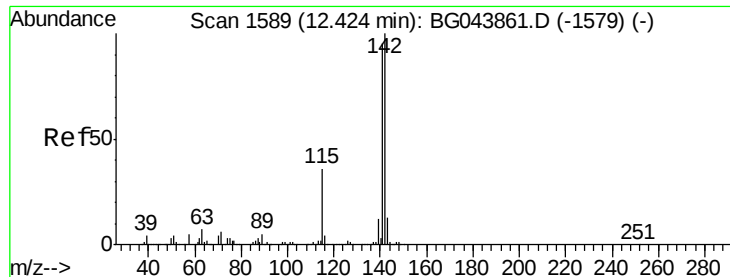


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

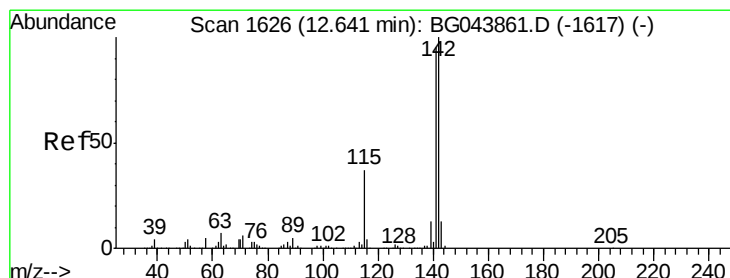
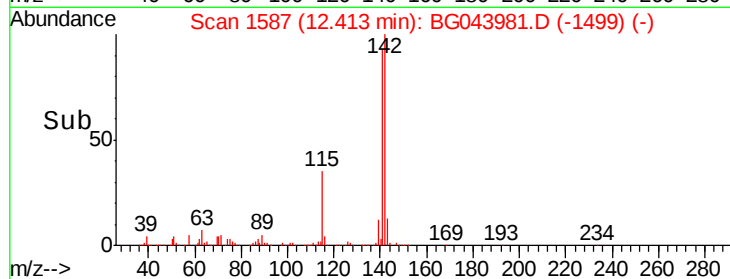
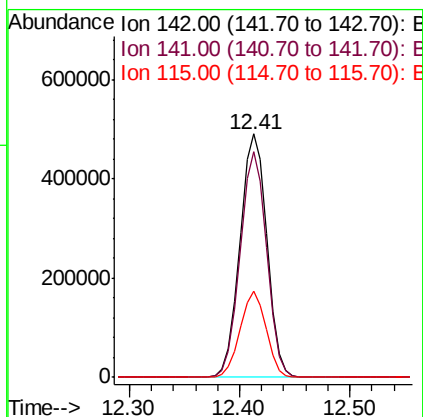
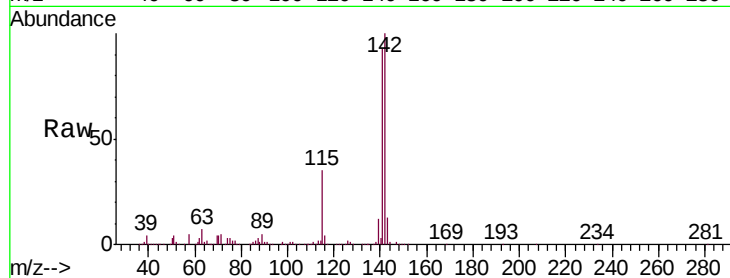




#37
2-Methylnaphthalene
Concen: 47.550 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

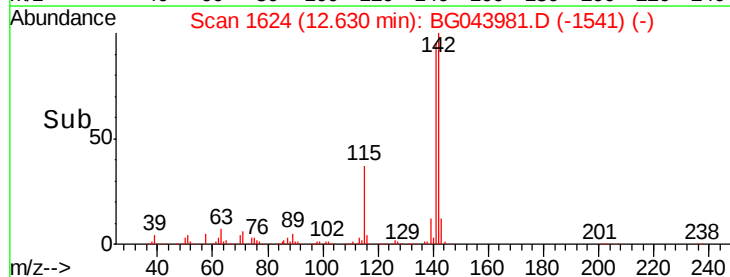
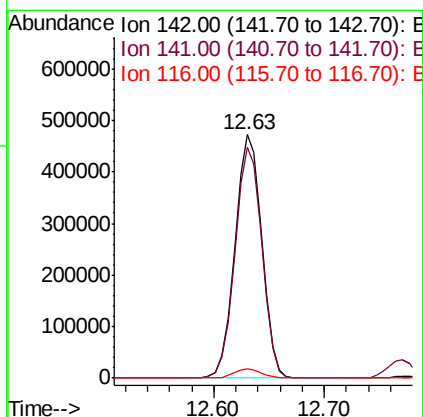
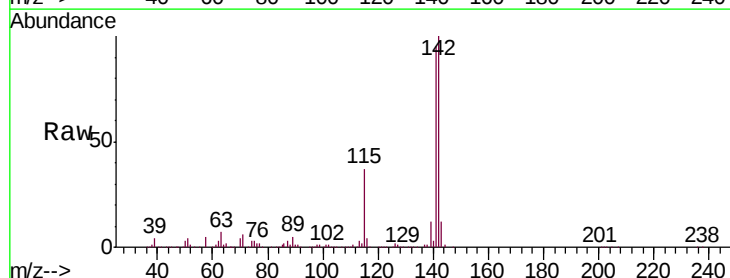
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

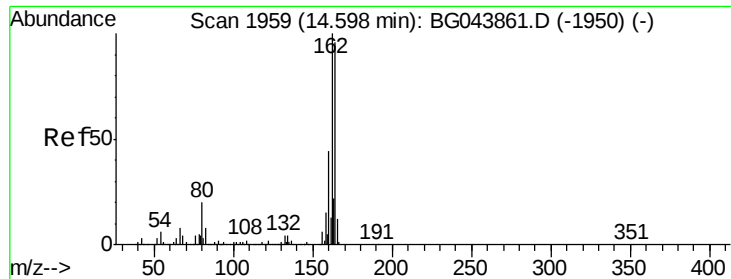
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	35.4	28.6	42.8



#38
1-Methylnaphthalene
Concen: 48.006 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

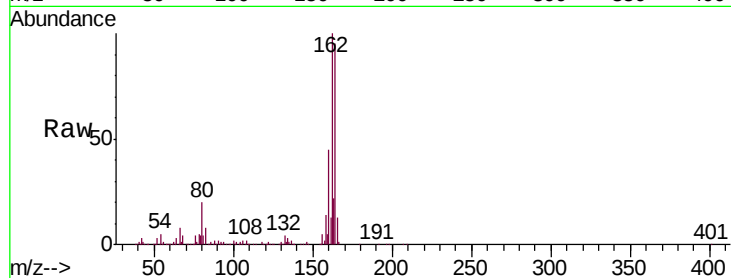
Tgt Ion:164 Resp: 314105

Ion Ratio Lower Upper

164 100

162 105.6 83.0 124.4

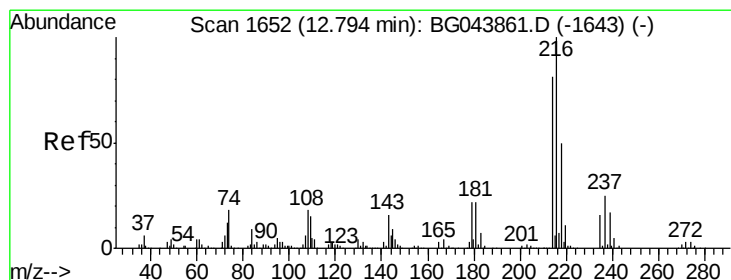
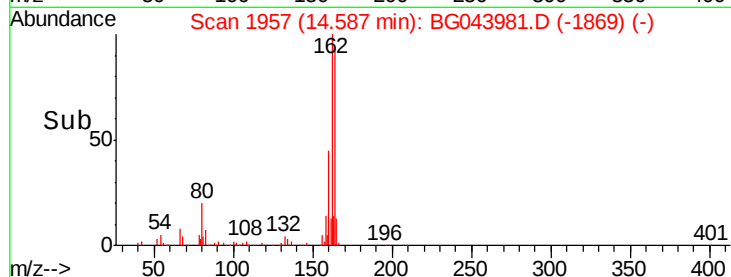
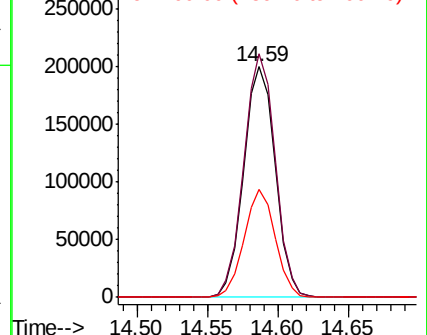
160 47.1 36.1 54.1



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.456 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Tgt Ion:216 Resp: 400078

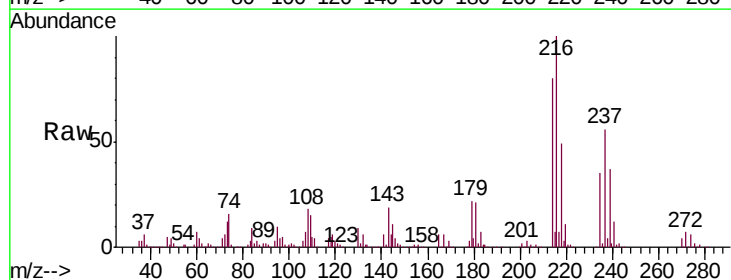
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 21.6 17.3 25.9

108 20.4 15.3 22.9

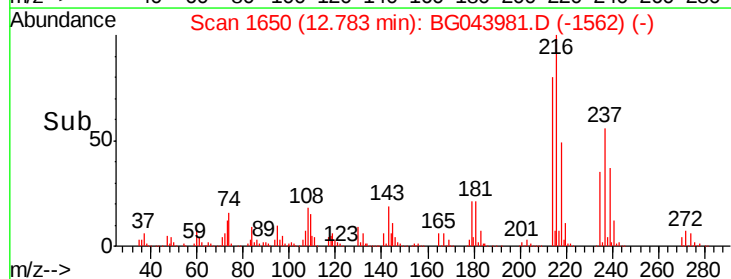
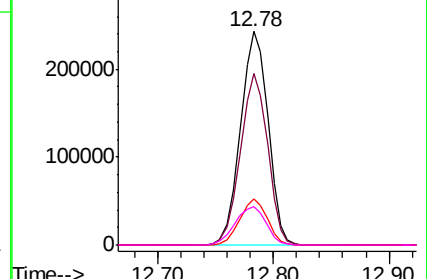


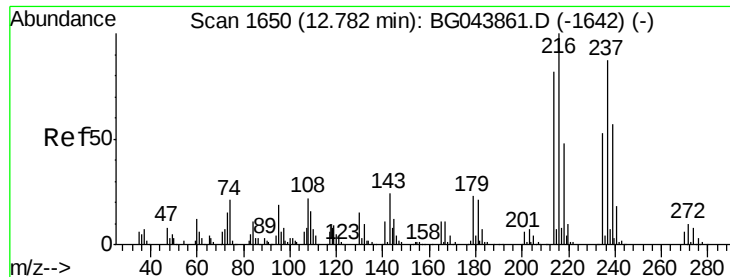
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.562 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

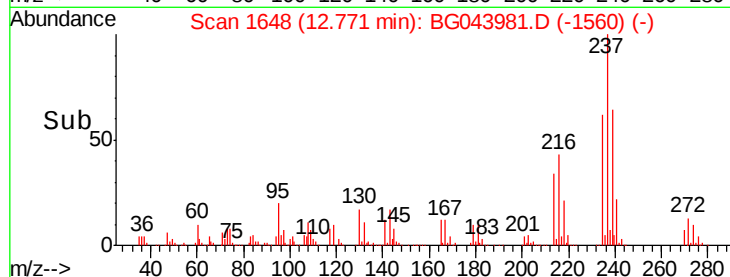
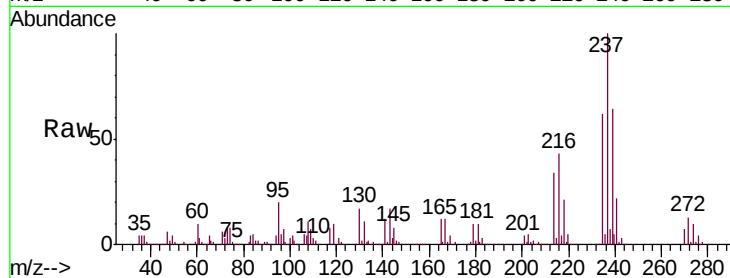
Tgt Ion: 237 Resp: 460887

Ion Ratio Lower Upper

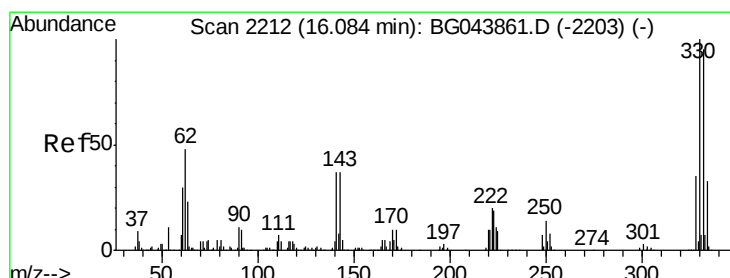
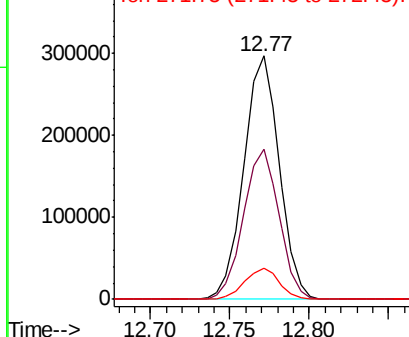
237 100

235 61.7 41.1 81.1

272 13.0 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.722 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

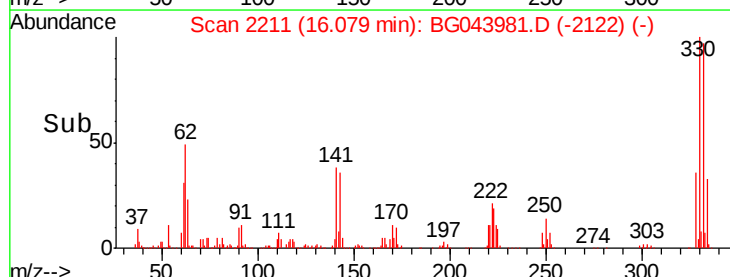
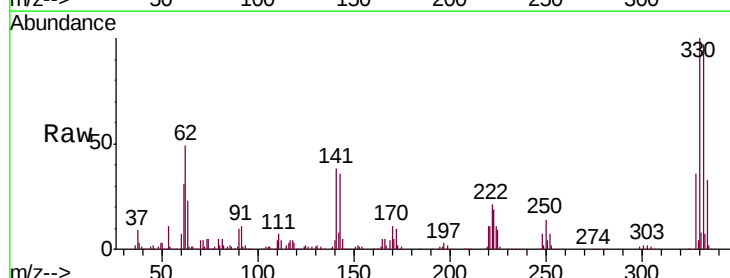
Tgt Ion: 330 Resp: 511865

Ion Ratio Lower Upper

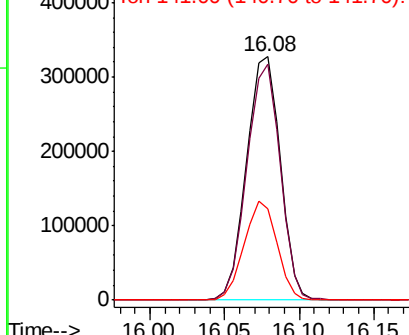
330 100

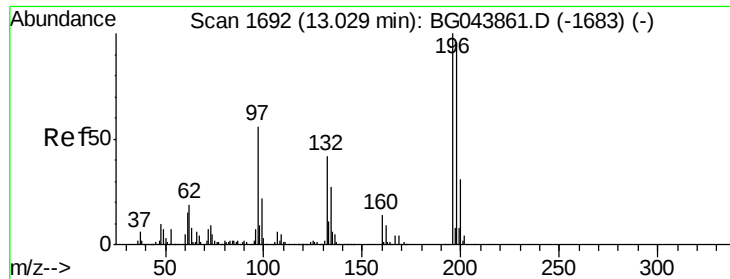
332 95.6 77.2 115.8

141 39.9 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

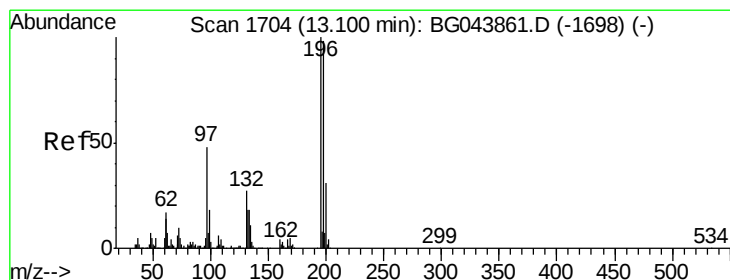
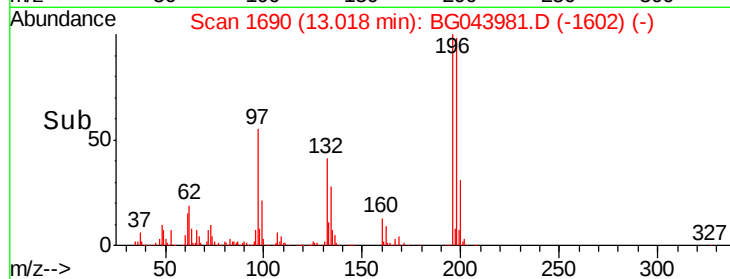
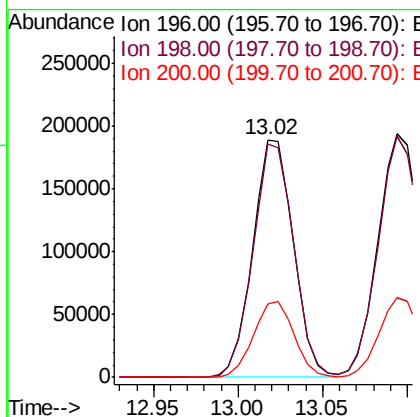
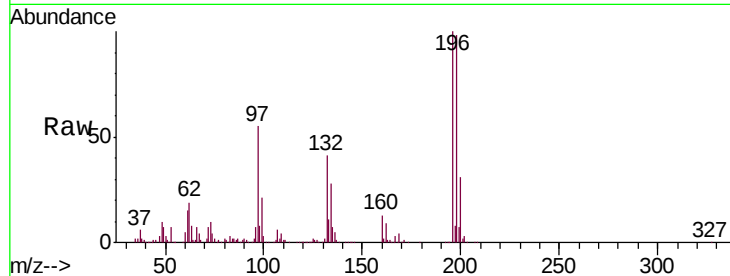




#43
 2,4,6-Trichlorophenol
 Concen: 50.100 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

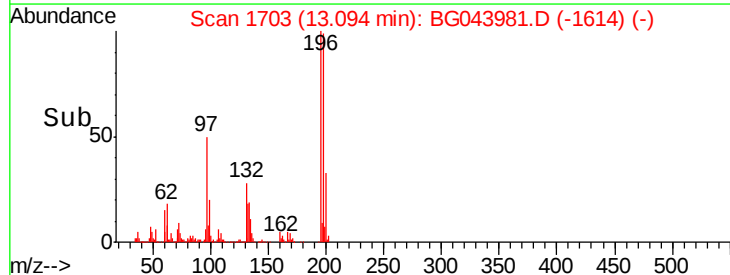
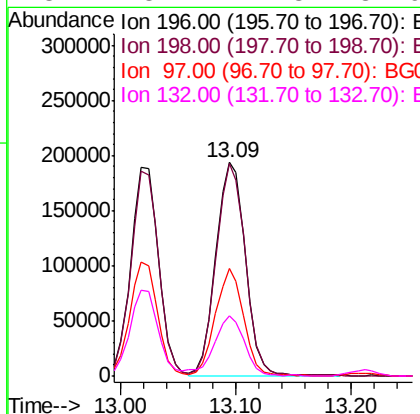
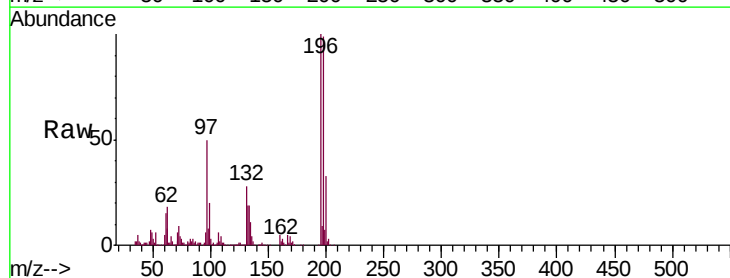
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

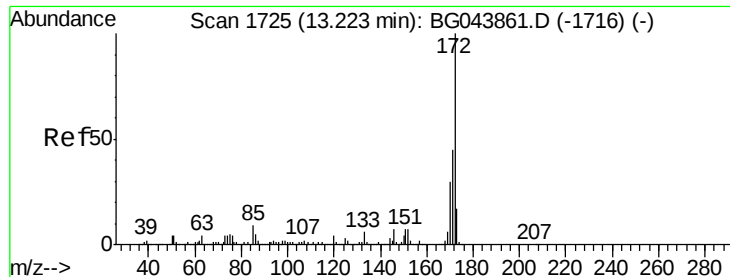
Tgt Ion:196 Resp: 317374
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.6 115.0
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 52.376 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion:196 Resp: 342200
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.3 117.5
 97 50.3 38.8 58.2
 132 28.4 21.3 31.9

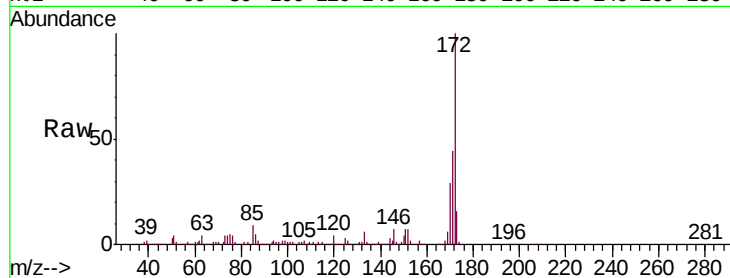




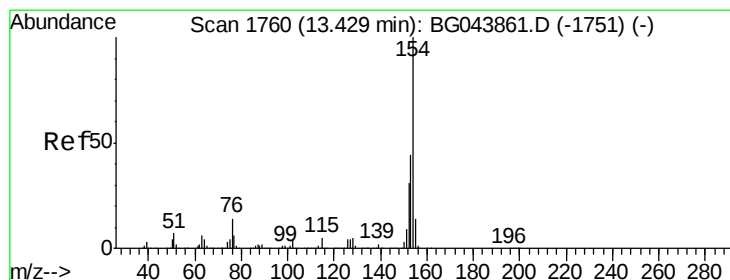
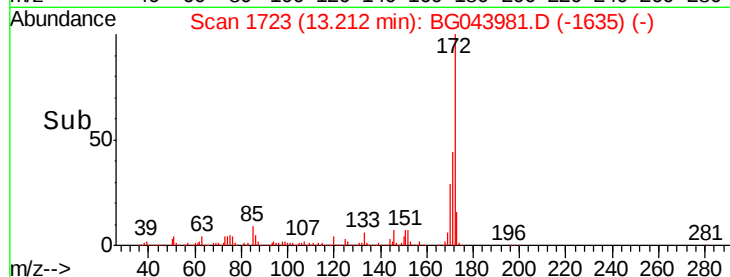
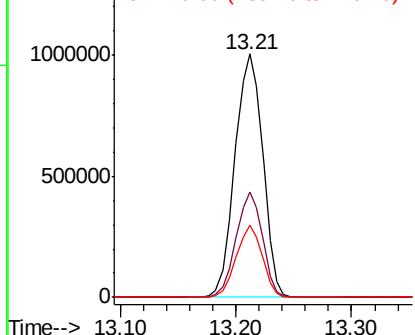
#45
 2-Fluorobiphenyl
 Concen: 96.568 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tgt Ion:172 Resp: 1674192
 Ion Ratio Lower Upper
 172 100
 171 43.5 35.8 53.8
 170 29.4 24.2 36.4

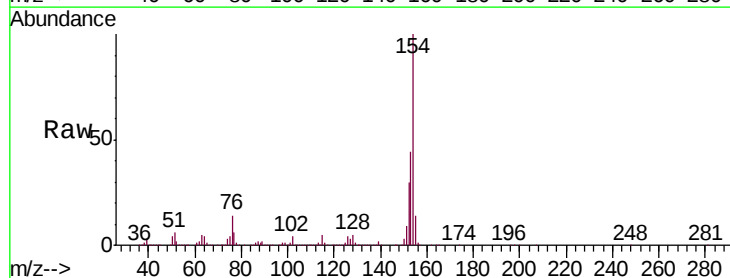


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

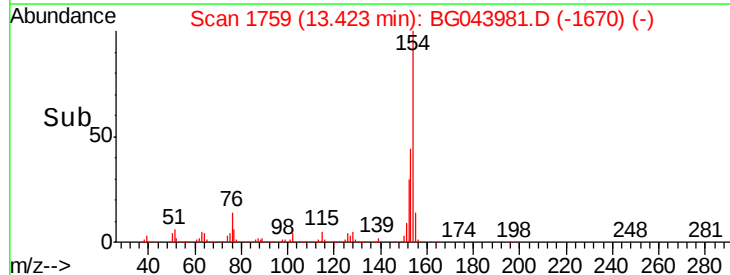
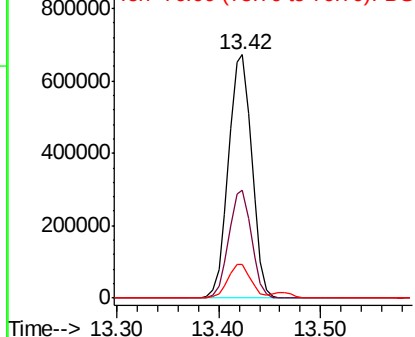


#46
 1,1'-Biphenyl
 Concen: 47.583 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion:154 Resp: 1071618
 Ion Ratio Lower Upper
 154 100
 153 44.3 23.6 63.6
 76 13.9 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

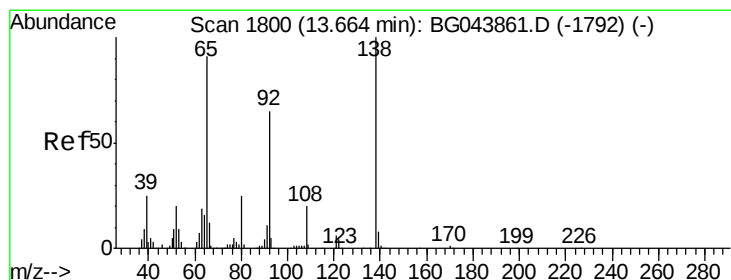
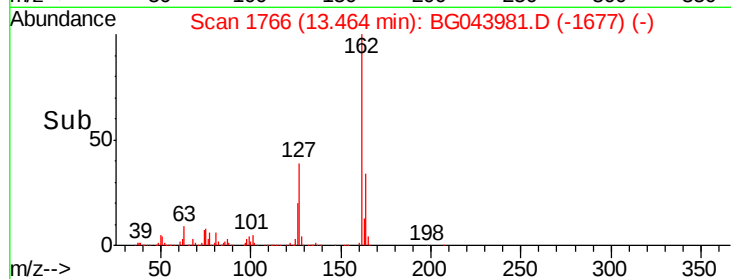
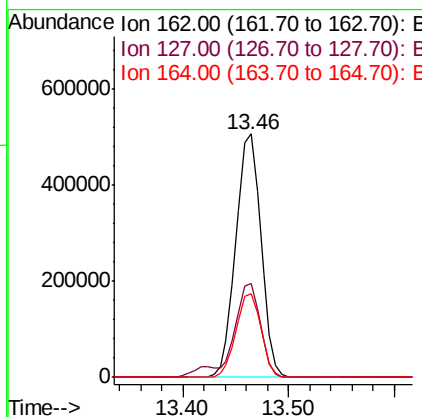
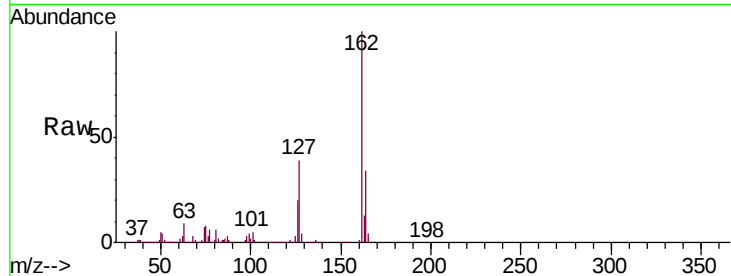




#47
2-Chloronaphthalene
Concen: 45.869 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

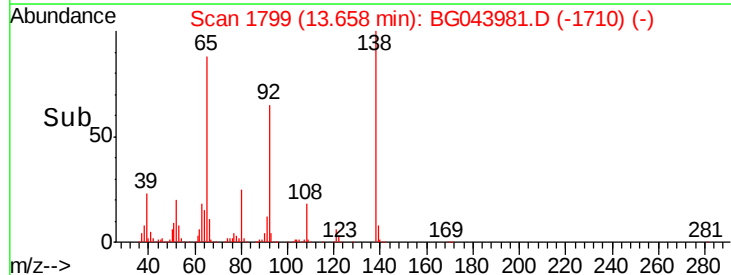
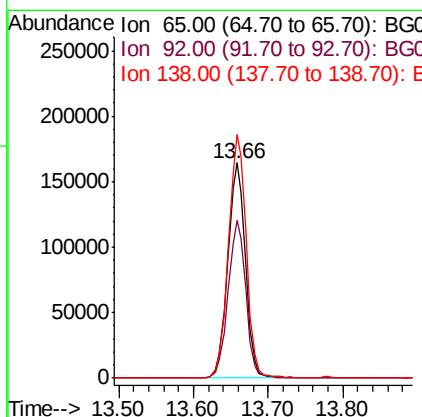
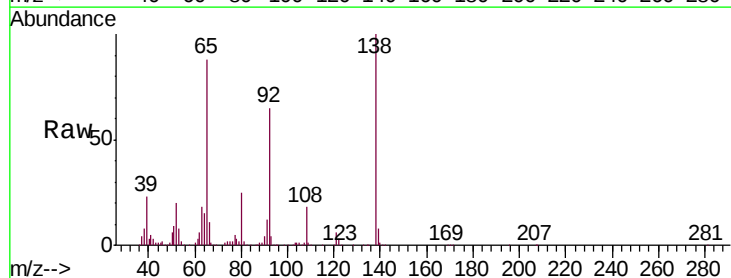
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

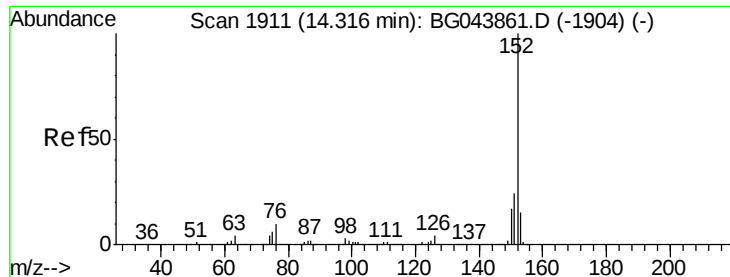
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.1	48.1
164	34.3	27.5	41.3



#48
2-Nitroaniline
Concen: 46.667 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.4	86.2
138	113.2	88.2	132.4





#49

Acenaphthylene

Concen: 50.652 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

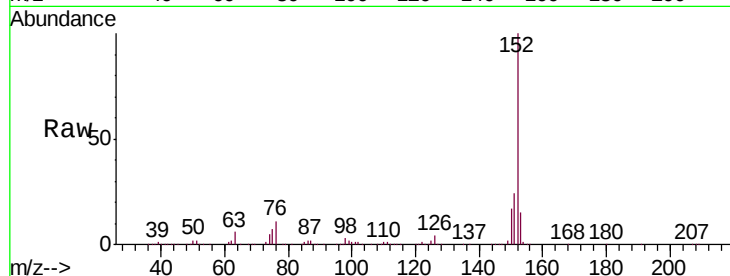
Tgt Ion:152 Resp: 1324877

Ion Ratio Lower Upper

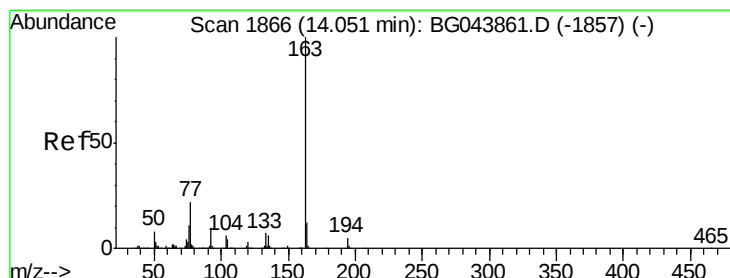
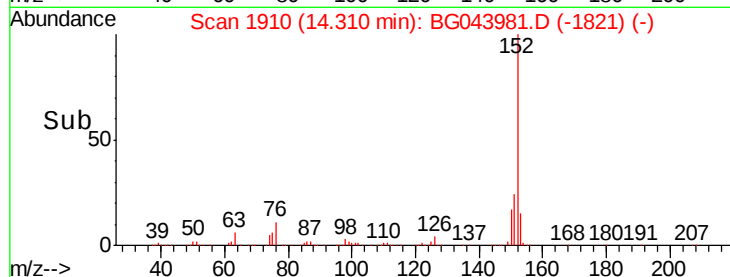
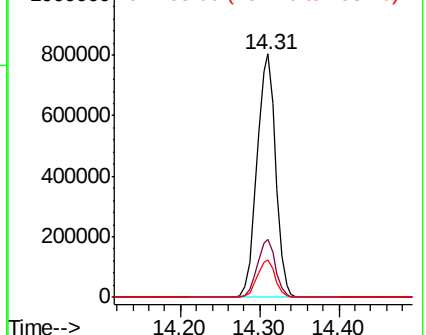
152 100

151 23.9 19.4 29.2

153 15.3 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.374 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

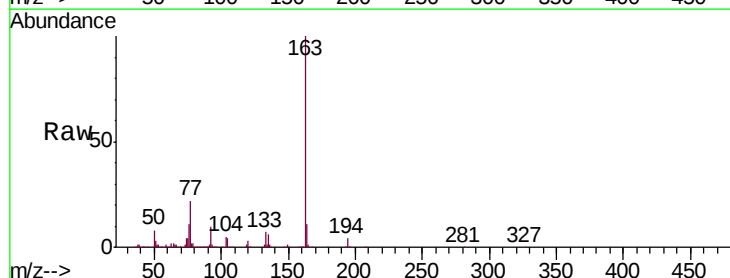
Tgt Ion:163 Resp: 1101178

Ion Ratio Lower Upper

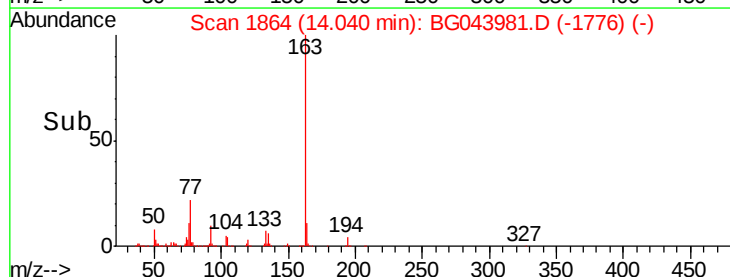
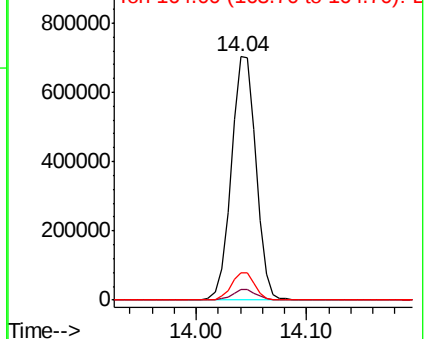
163 100

194 4.4 3.7 5.5

164 11.4 9.3 13.9



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

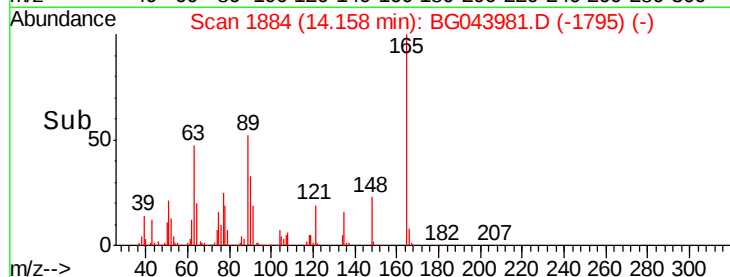
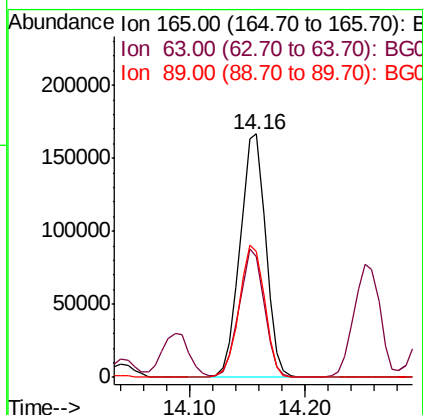
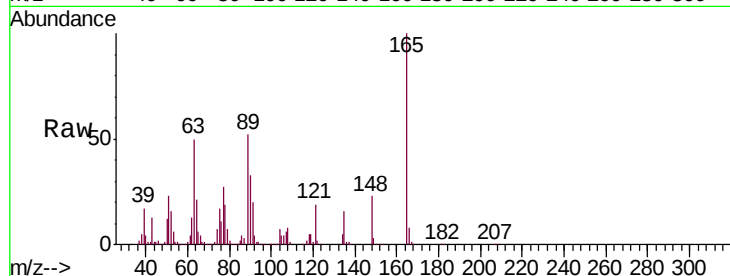




#51
2,6-Dinitrotoluene
Concen: 51.017 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

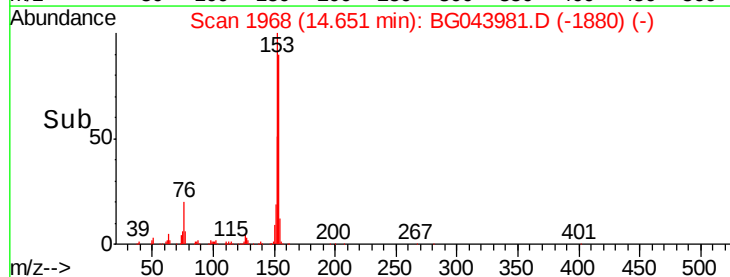
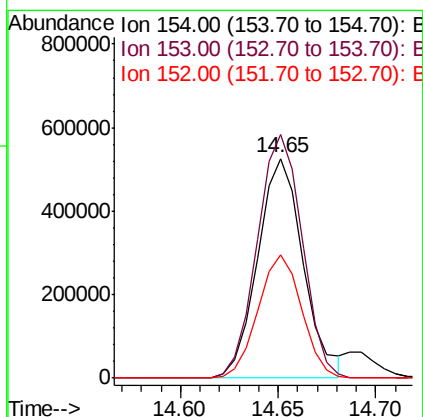
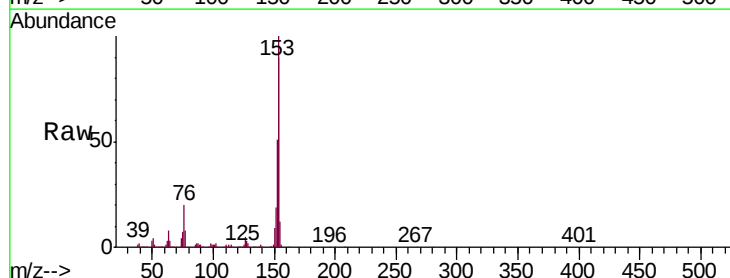
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:165 Resp: 257171
Ion Ratio Lower Upper
165 100
63 49.7 43.1 64.7
89 51.8 43.8 65.6



#52
Acenaphthene
Concen: 46.340 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:154 Resp: 850018
Ion Ratio Lower Upper
154 100
153 111.0 91.6 137.4
152 56.1 45.4 68.0





#53

3-Nitroaniline

Concen: 9.355 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

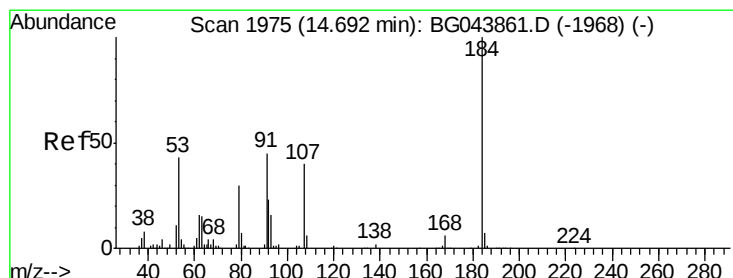
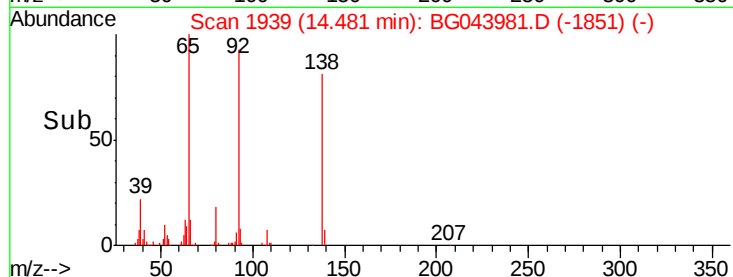
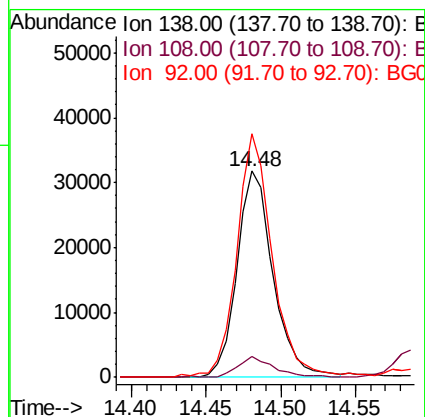
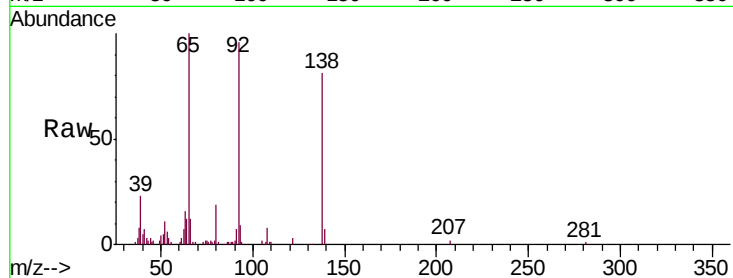
Tgt Ion:138 Resp: 53552

Ion Ratio Lower Upper

138 100

108 10.3 7.4 11.2

92 118.2 92.1 138.1



#54

2,4-Dinitrophenol

Concen: 68.850 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

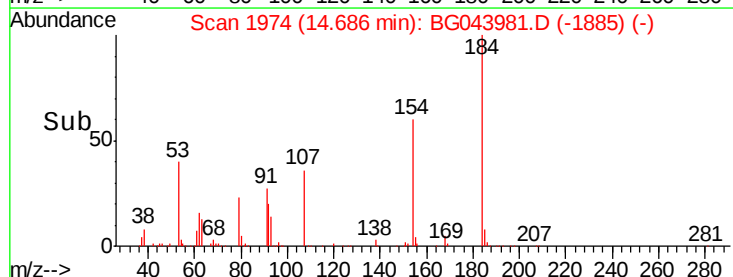
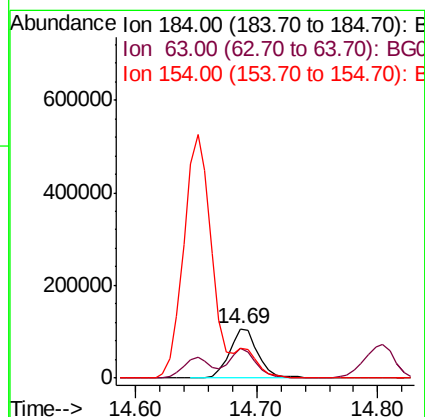
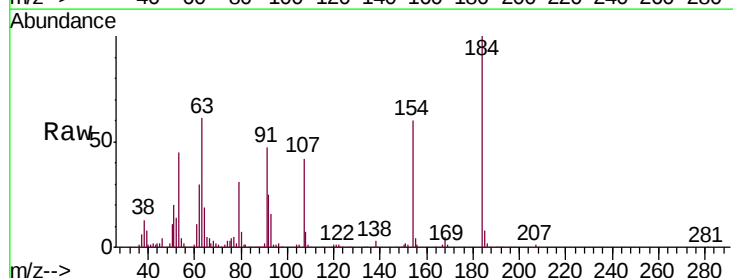
Tgt Ion:184 Resp: 174708

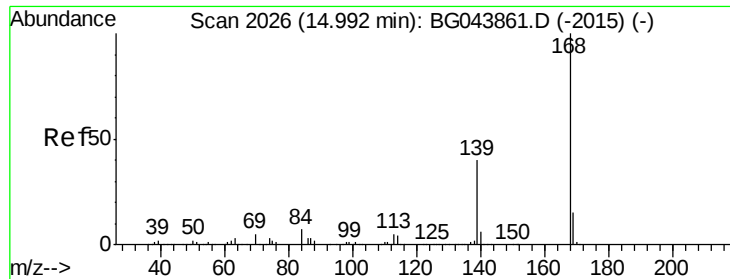
Ion Ratio Lower Upper

184 100

63 60.6 46.6 70.0

154 59.9 50.2 75.4





#55

Dibenzofuran

Concen: 49.844 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

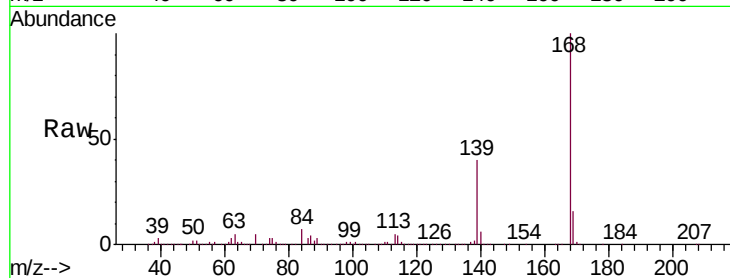
Tgt Ion:168 Resp: 1258626

Ion Ratio Lower Upper

168 100

139 40.5 32.2 48.2

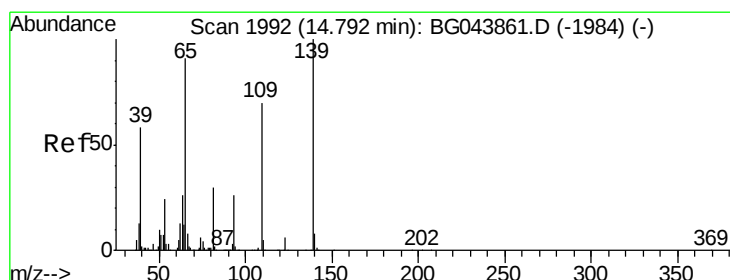
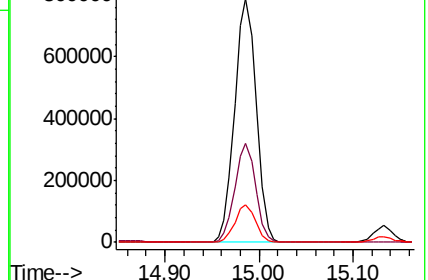
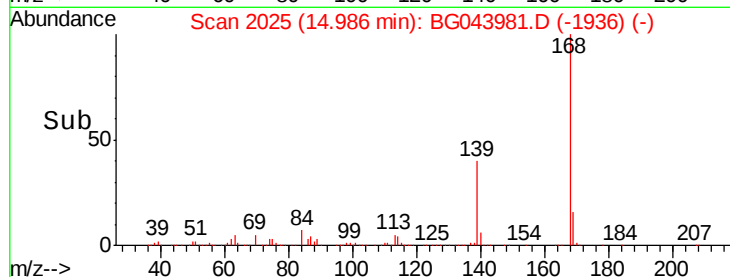
169 15.7 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 109.450 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

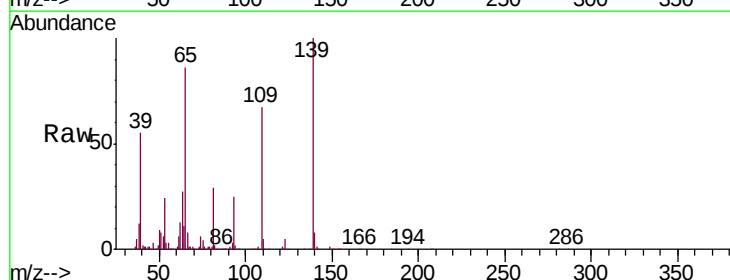
Tgt Ion:139 Resp: 480118

Ion Ratio Lower Upper

139 100

109 67.5 50.4 90.4

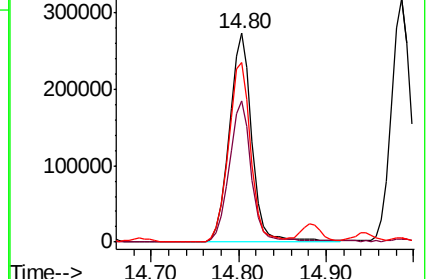
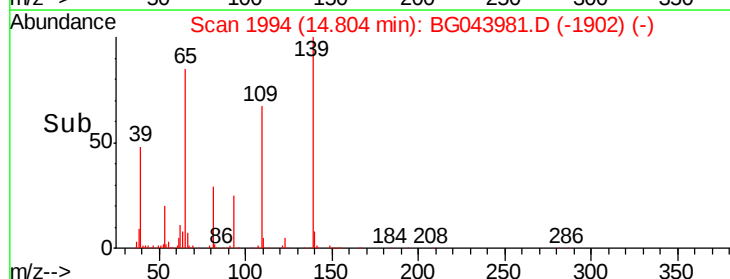
65 86.1 71.4 111.4

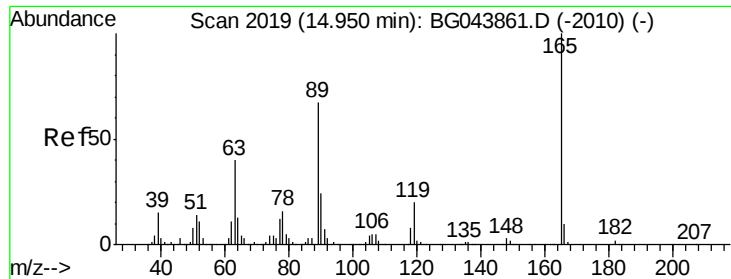


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

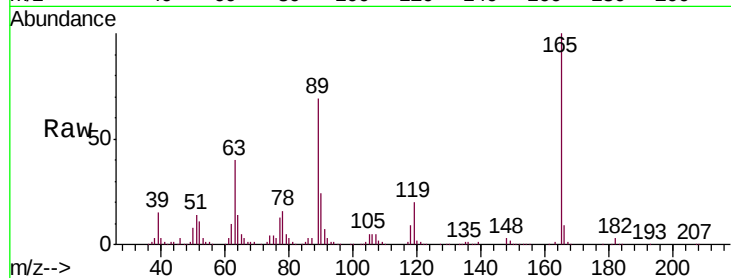




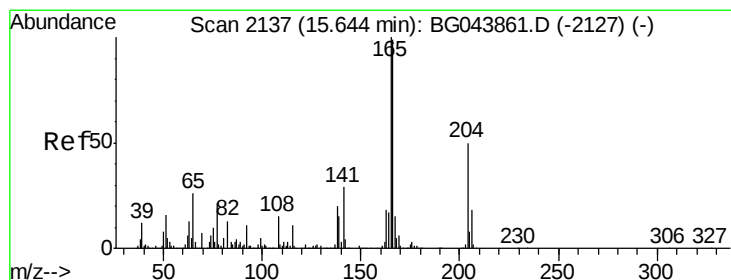
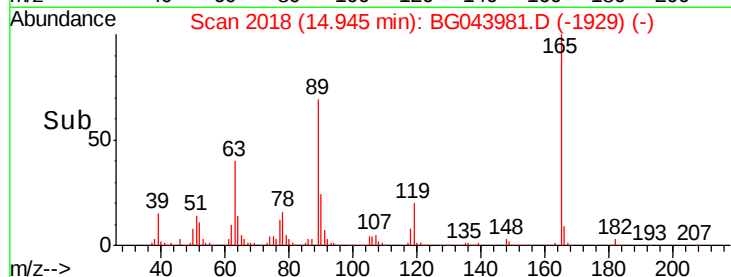
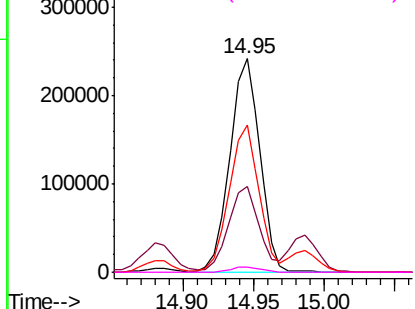
#57
2,4-Dinitrotoluene
Concen: 52.093 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:	165	Resp:	357313
Ion	Ratio	Lower	Upper
165	100		
63	40.0	31.9	47.9
89	68.8	53.8	80.6
182	2.5	2.0	3.0

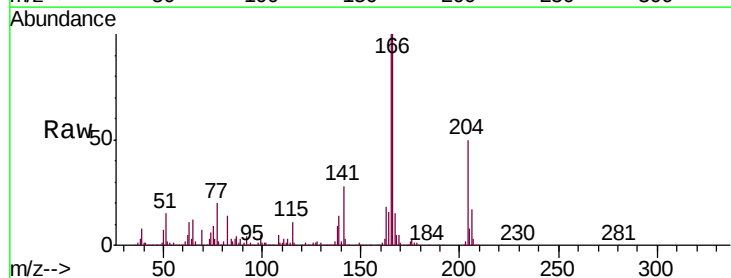


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

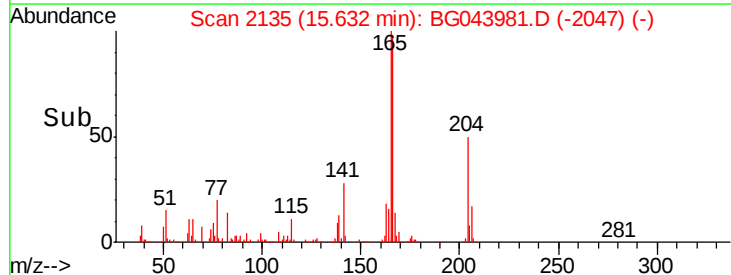
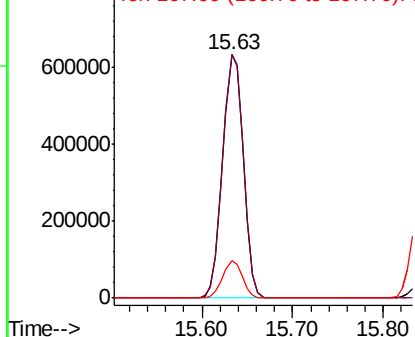


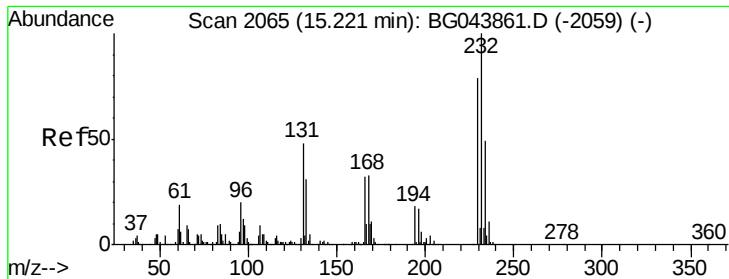
#58
Fluorene
Concen: 50.219 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:	166	Resp:	1005100
Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.8	121.2
167	15.2	12.1	18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

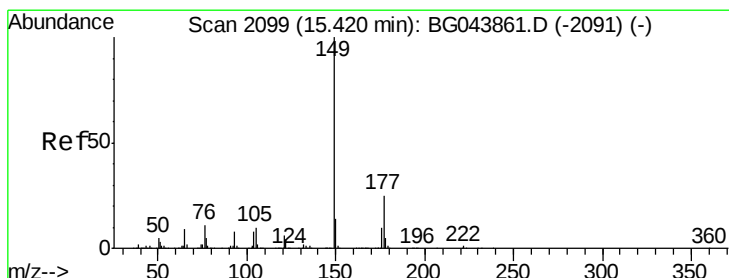
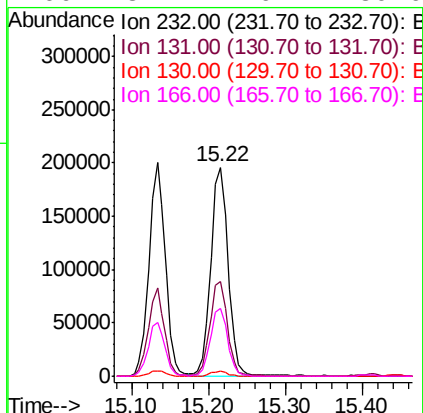
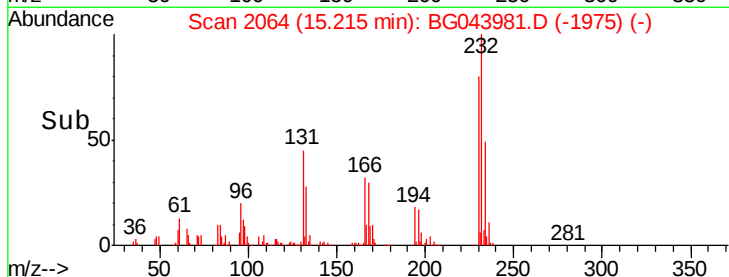
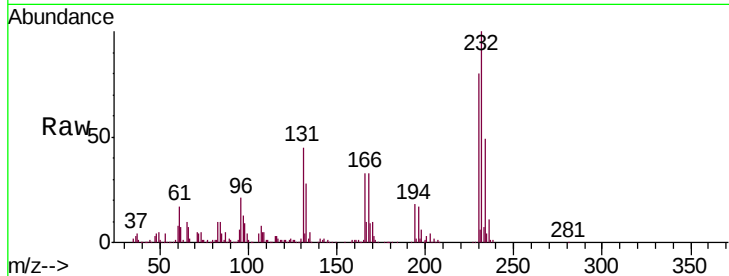




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.673 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

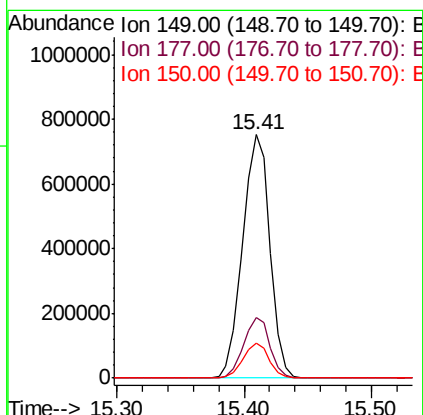
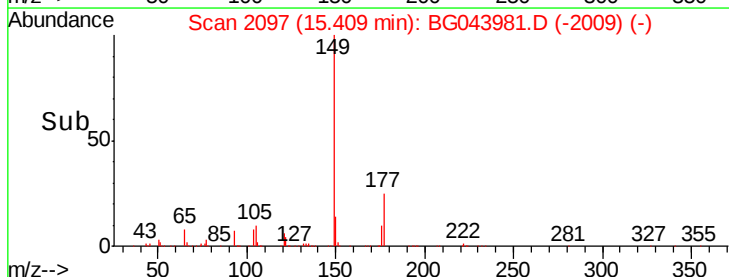
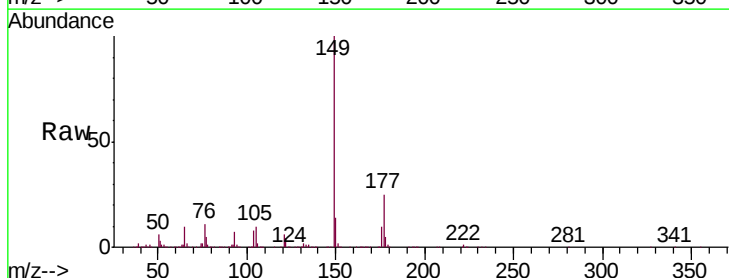
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

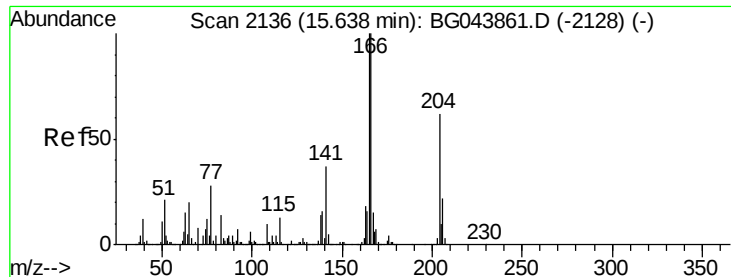
Tgt Ion:	232	Resp:	301541
Ion	Ratio	Lower	Upper
232	100		
131	45.7	38.2	57.2
130	2.5	2.2	3.2
166	32.1	26.4	39.6



#60
 Diethylphthalate
 Concen: 50.153 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion:	149	Resp:	1118755
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	14.3	11.1	16.7

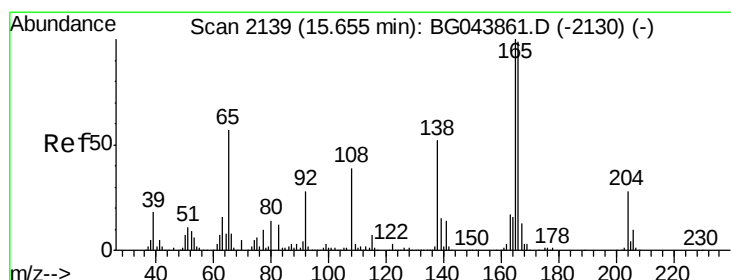
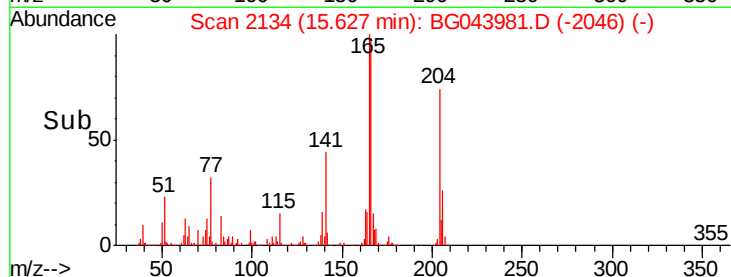
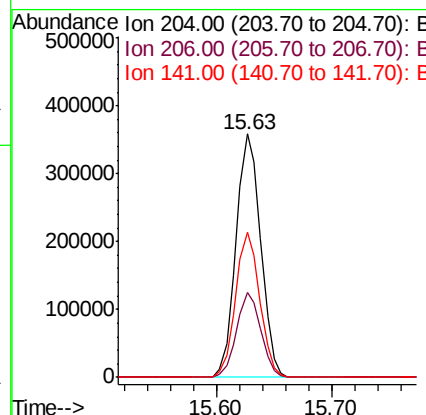
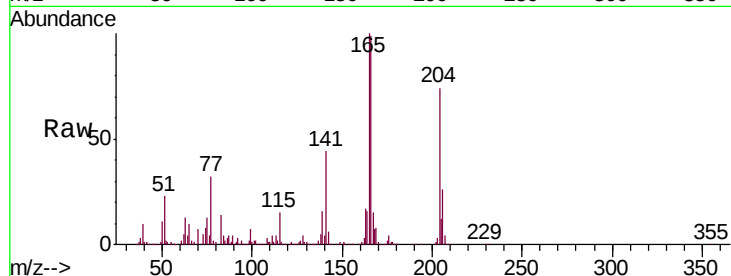




#61
4-Chlorophenyl-phenylether
Concen: 48.540 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

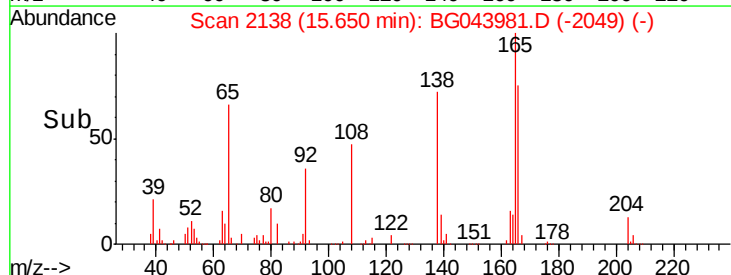
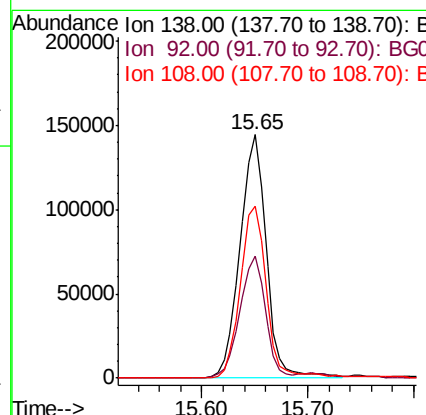
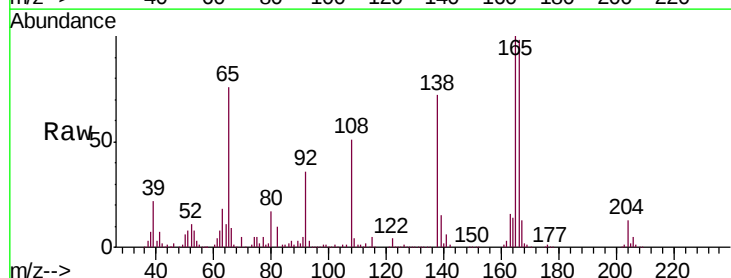
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

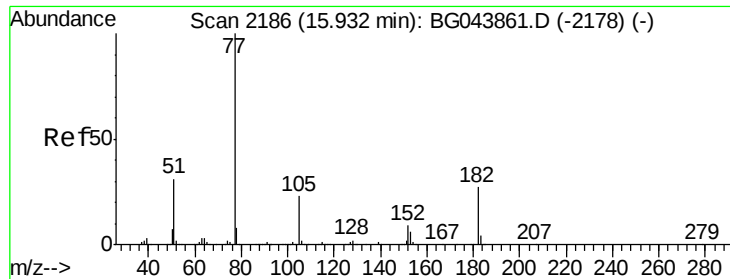
Tgt Ion:204 Resp: 527521
Ion Ratio Lower Upper
204 100
206 35.1 28.2 42.2
141 59.4 48.2 72.2



#62
4-Nitroaniline
Concen: 44.152 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:138 Resp: 249591
Ion Ratio Lower Upper
138 100
92 50.0 34.3 74.3
108 70.5 55.0 95.0





#63

Azobenzene

Concen: 50.028 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

Tgt Ion: 77 Resp: 1034958

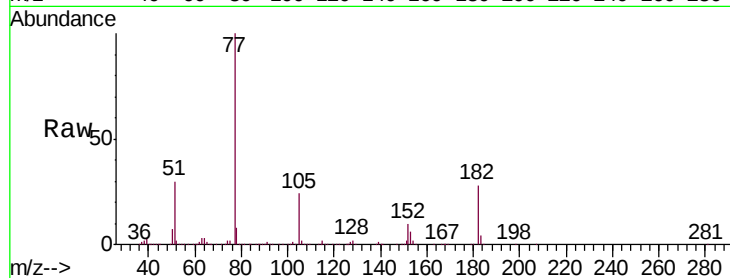
Ion Ratio Lower Upper

77 100

182 27.6 7.3 47.3

105 24.2 3.2 43.2

51 30.1 10.6 50.6

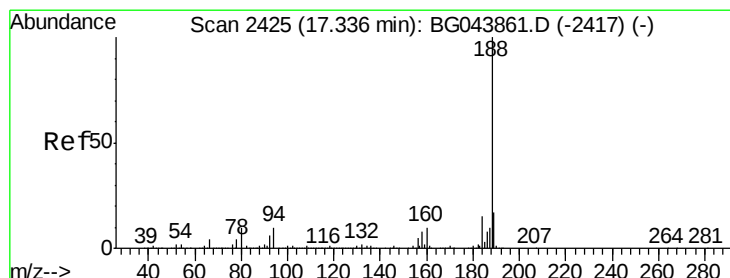
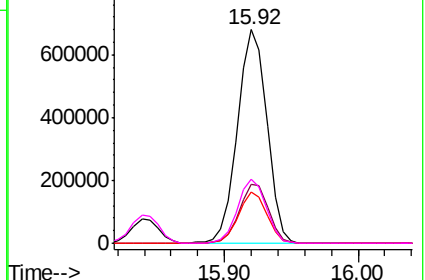
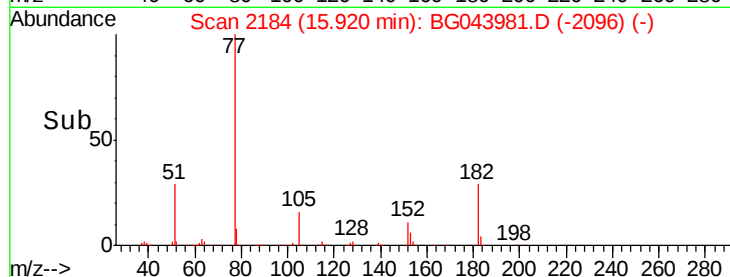


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

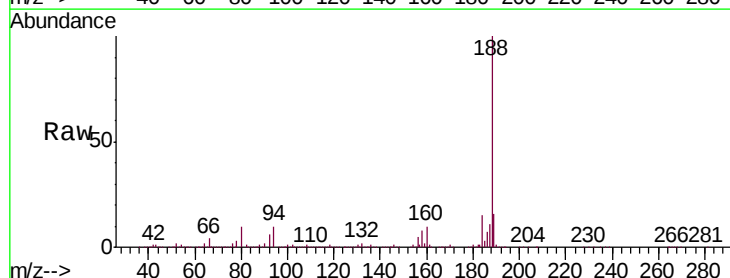
Tgt Ion: 188 Resp: 666585

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

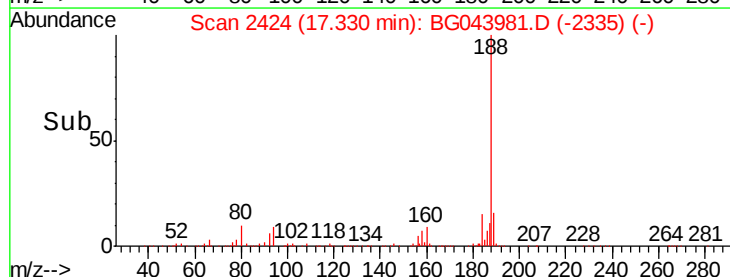
80 10.4 8.2 12.4



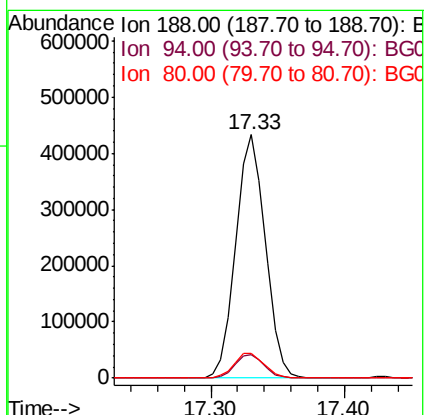
Abundance Ion 188.00 (187.70 to 188.70): BGC

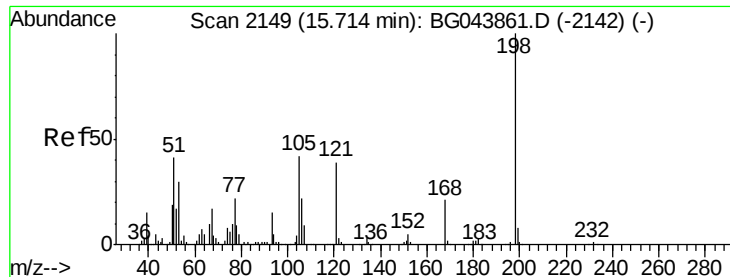
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 47.706 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

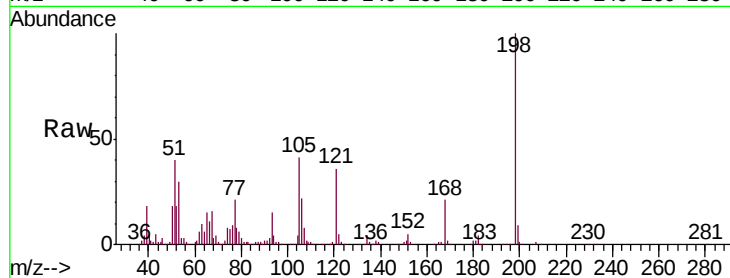
Tgt Ion:198 Resp: 163741

Ion Ratio Lower Upper

198 100

51 40.2 22.5 62.5

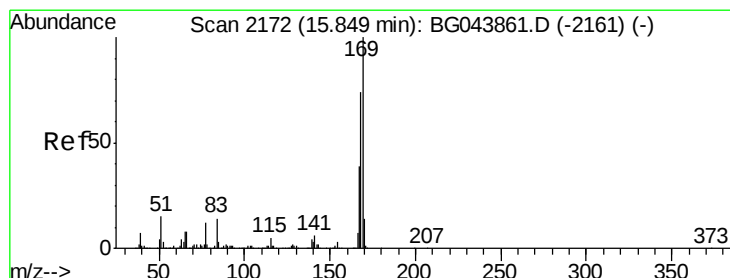
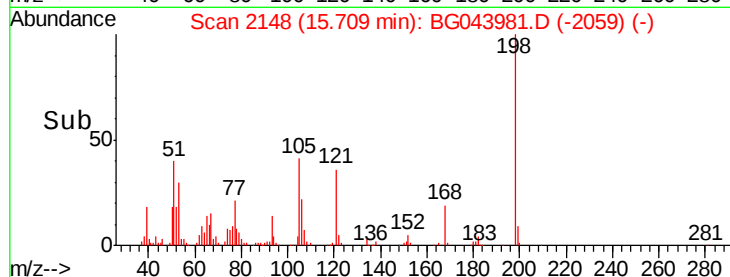
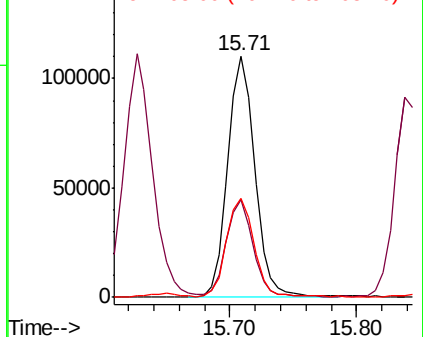
105 40.9 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.178 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

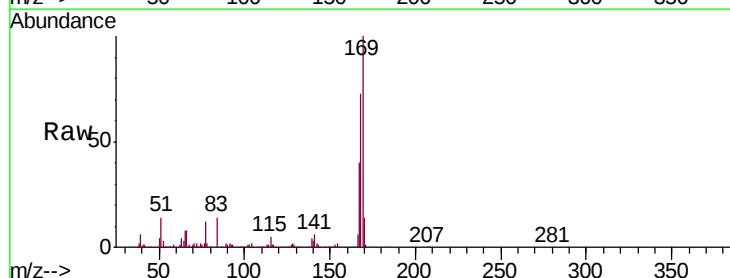
Tgt Ion:169 Resp: 965360

Ion Ratio Lower Upper

169 100

168 73.1 59.0 88.6

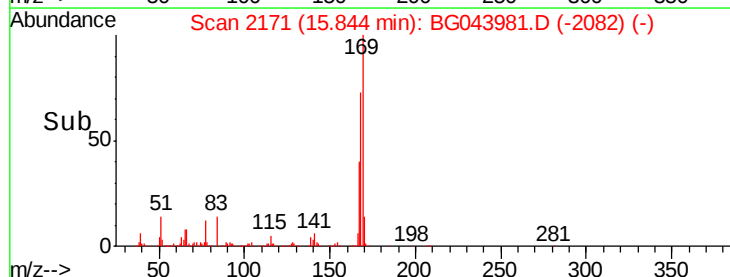
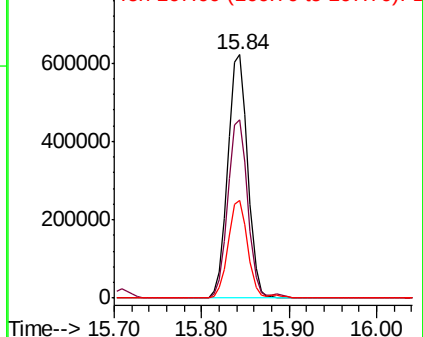
167 40.2 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

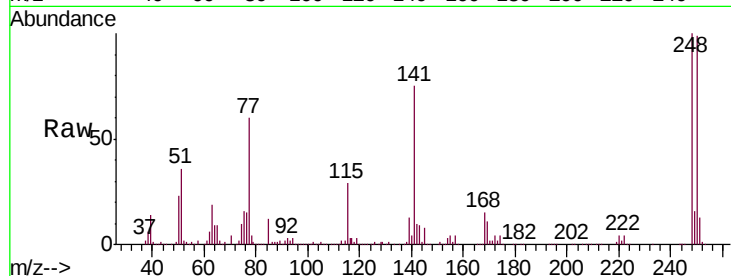




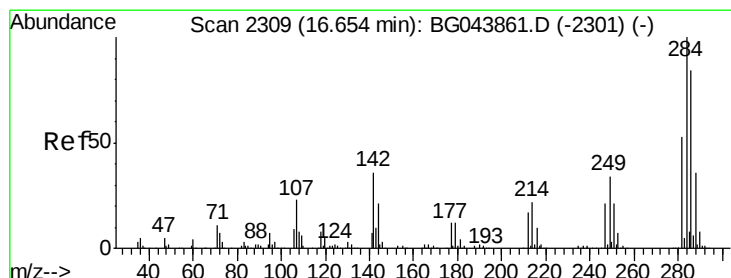
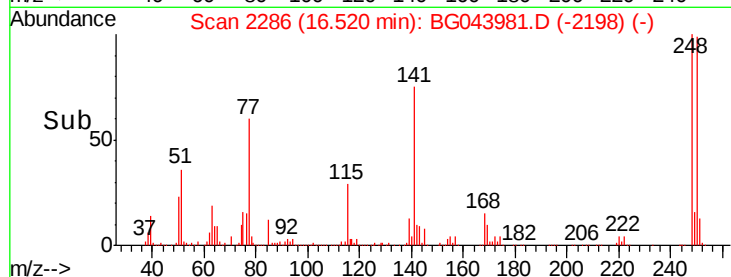
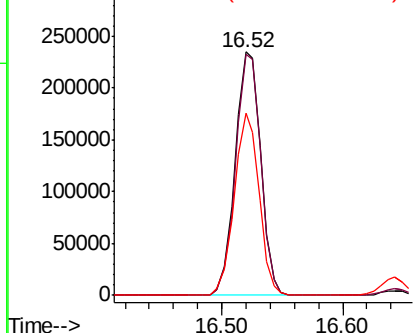
#67
4-Bromophenyl-phenylether
Concen: 46.183 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion: 248 Resp: 346238
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.2
141 75.0 59.3 88.9

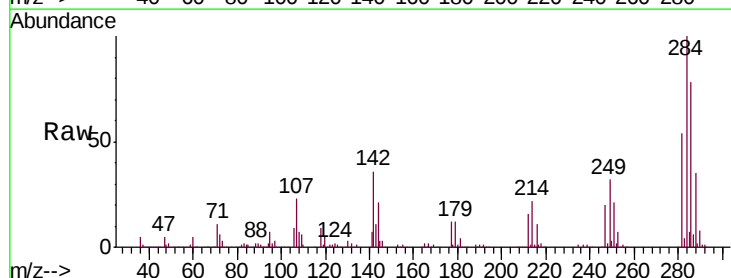


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

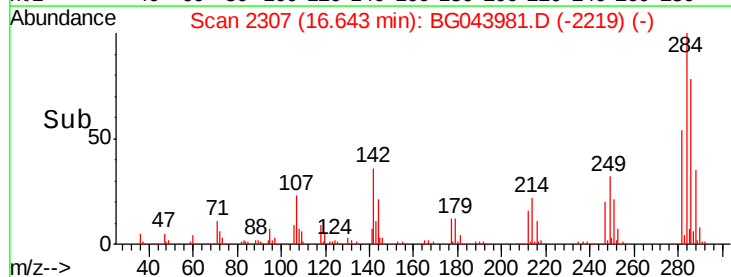
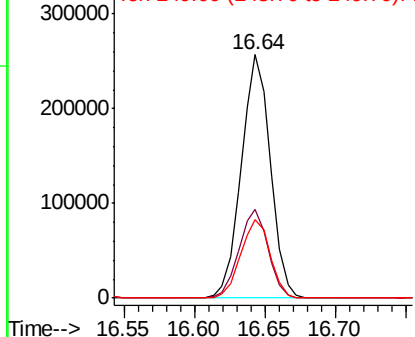


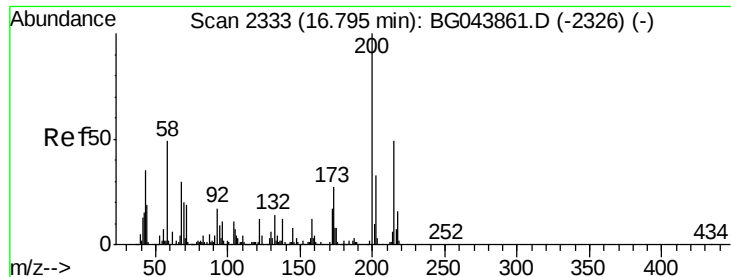
#68
Hexachlorobenzene
Concen: 45.639 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion: 284 Resp: 368682
Ion Ratio Lower Upper
284 100
142 36.4 28.6 43.0
249 32.2 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 58.599 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

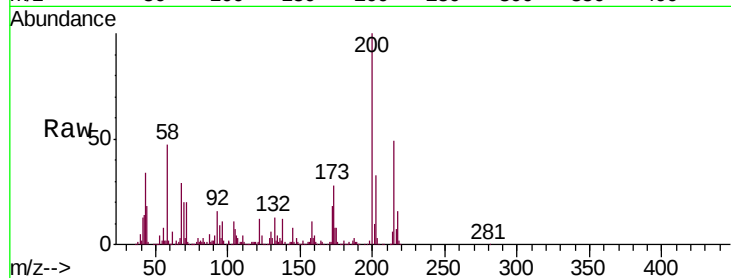
Tgt Ion:200 Resp: 373909

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

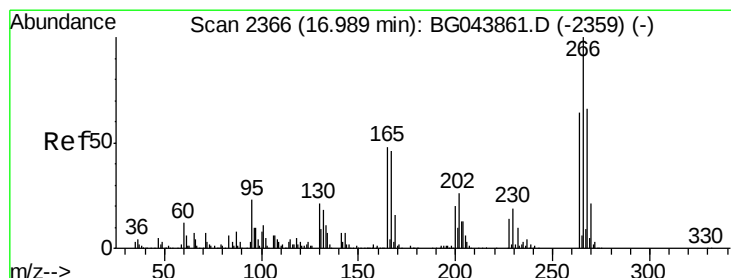
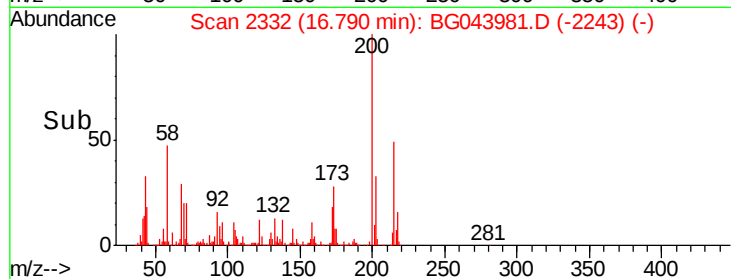
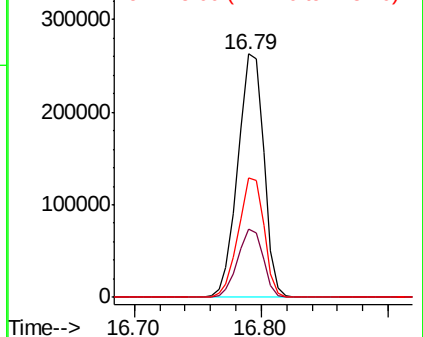
215 49.0 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.591 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

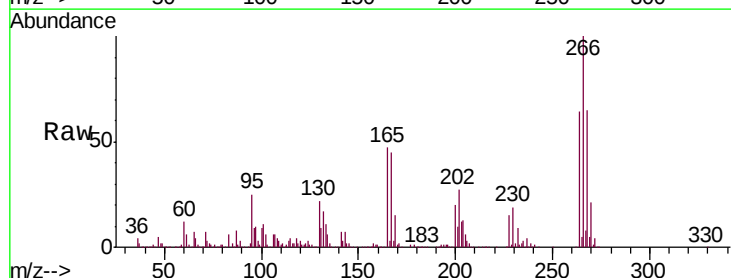
Tgt Ion:266 Resp: 412321

Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

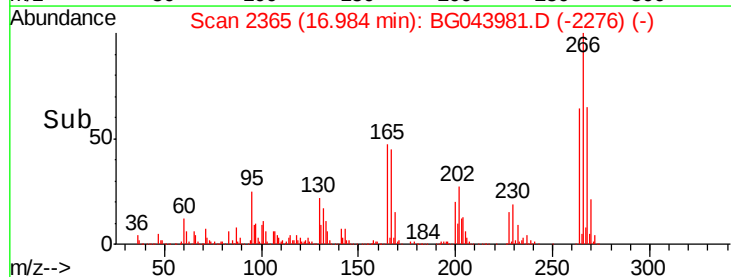
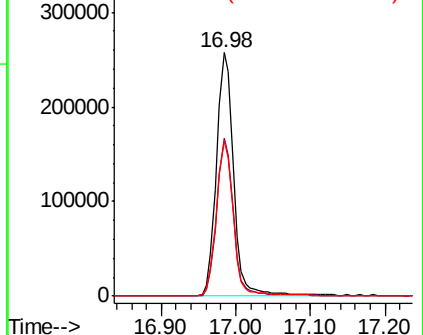
264 63.6 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

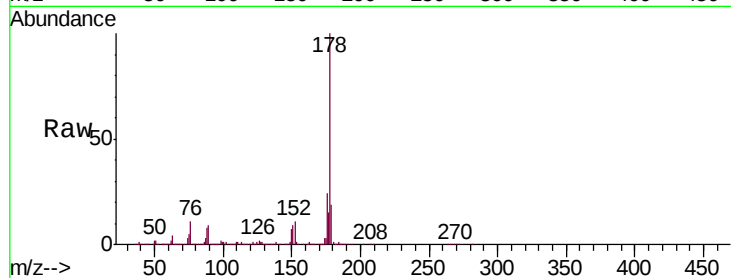




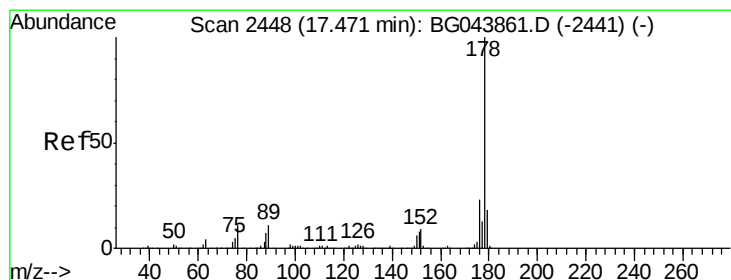
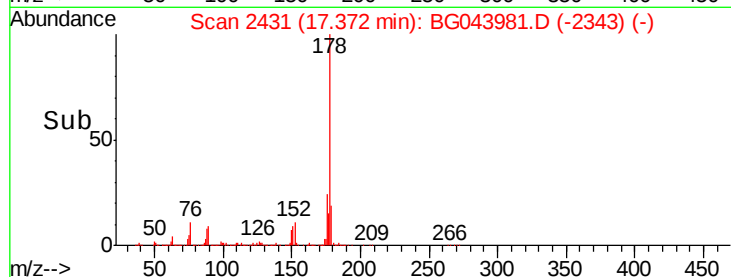
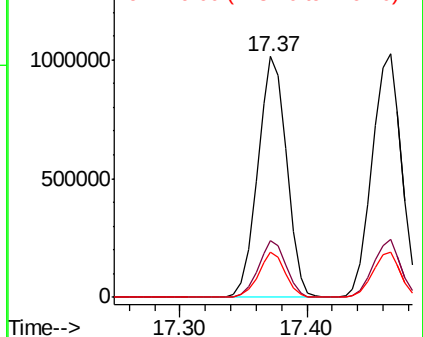
#71
Phenanthrene
Concen: 50.162 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:178 Resp: 1603824
Ion Ratio Lower Upper
178 100
176 23.6 18.6 28.0
179 18.7 14.4 21.6

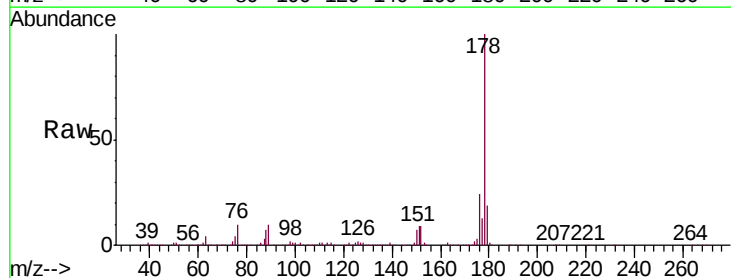


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

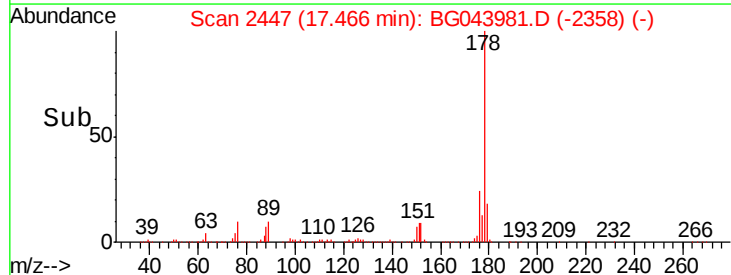
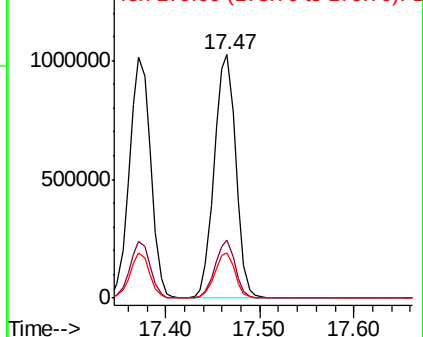


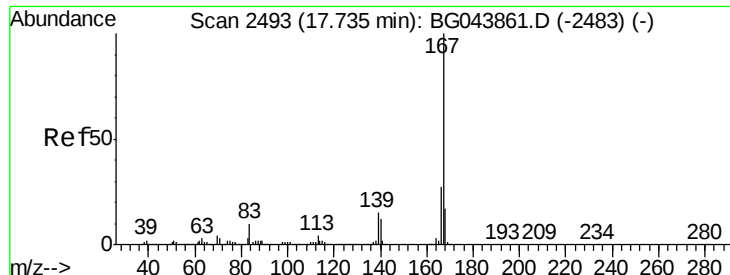
#72
Anthracene
Concen: 52.269 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:178 Resp: 1651611
Ion Ratio Lower Upper
178 100
176 23.7 18.3 27.5
179 18.5 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

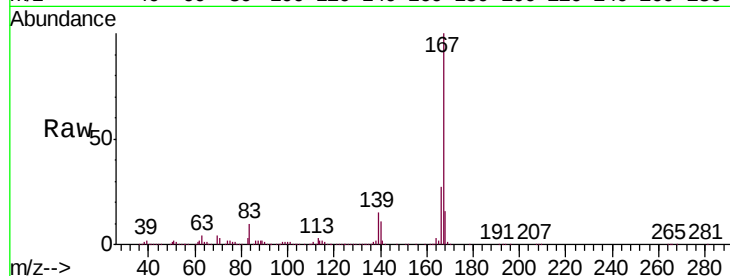




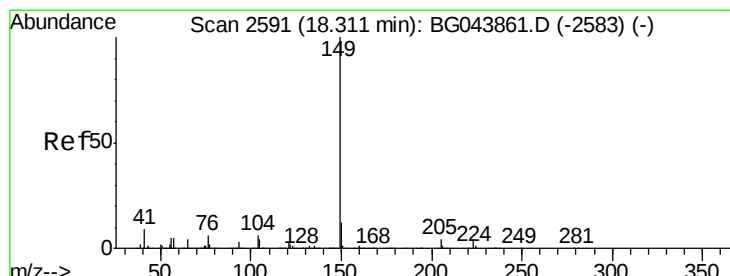
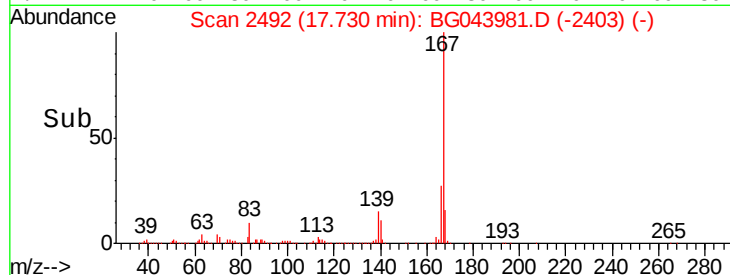
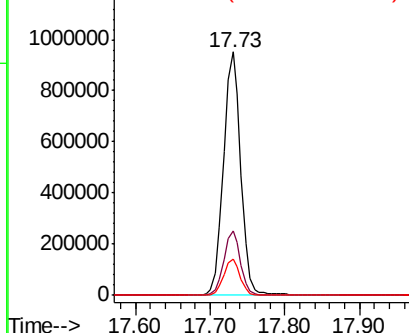
#73
 Carbazole
 Concen: 52.738 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MS

Tgt Ion:167 Resp: 1539296
 Ion Ratio Lower Upper
 167 100
 166 26.6 21.6 32.4
 139 15.0 12.1 18.1

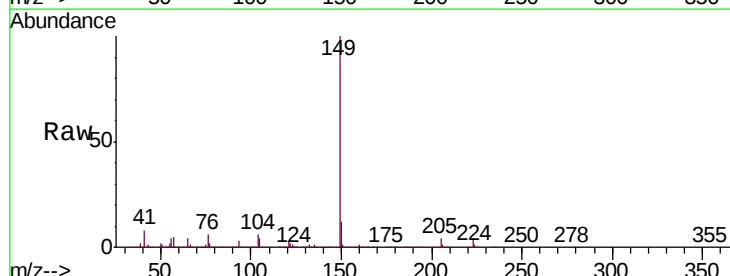


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

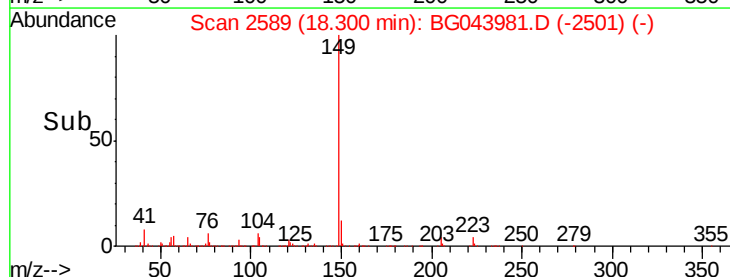
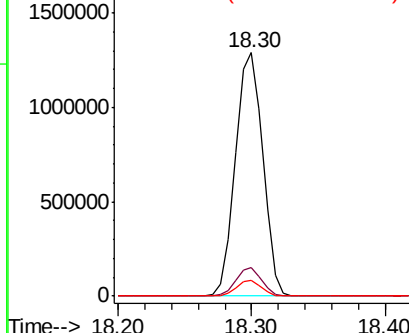


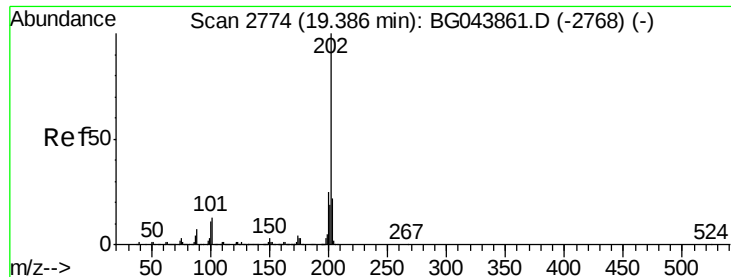
#74
 Di-n-butylphthalate
 Concen: 49.385 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043981.D
 Acq: 9 Jan 2020 1:15

Tgt Ion:149 Resp: 1840361
 Ion Ratio Lower Upper
 149 100
 150 12.0 9.7 14.5
 104 6.2 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.258 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

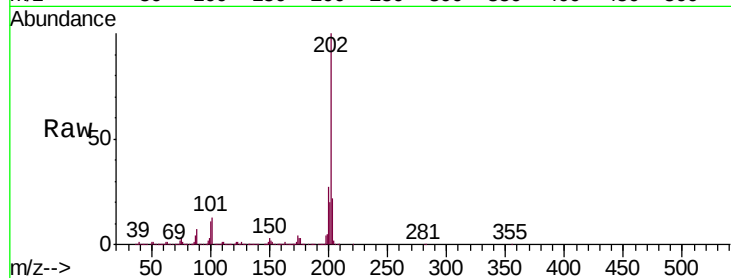
Tgt Ion:202 Resp: 1837718

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.3

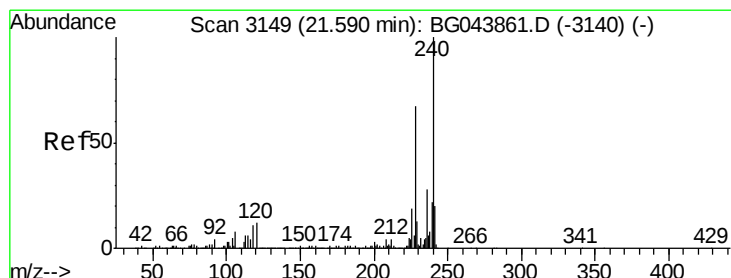
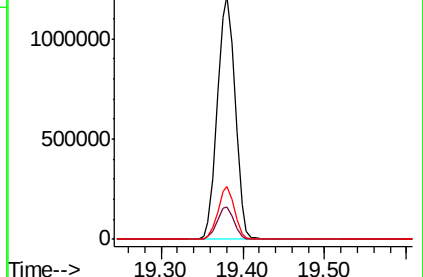
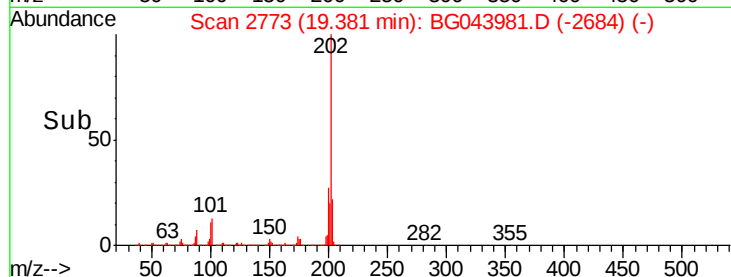
203 22.0 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

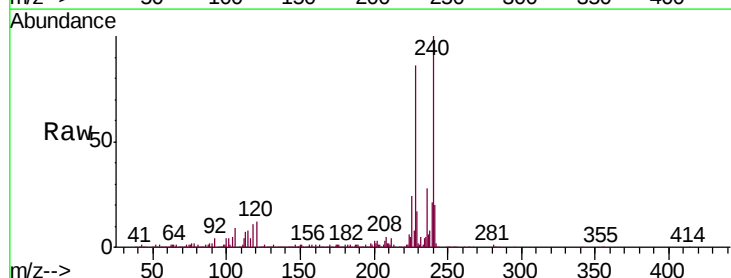
Tgt Ion:240 Resp: 579241

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

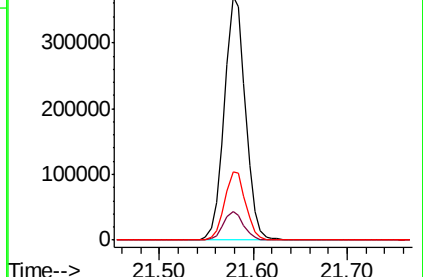
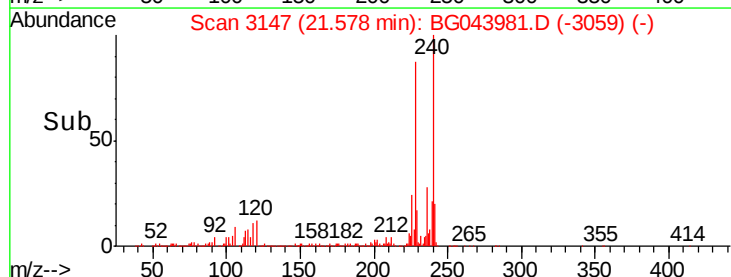
236 28.3 22.2 33.2

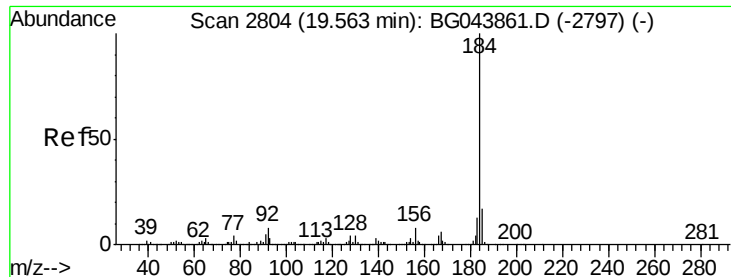


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.496 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

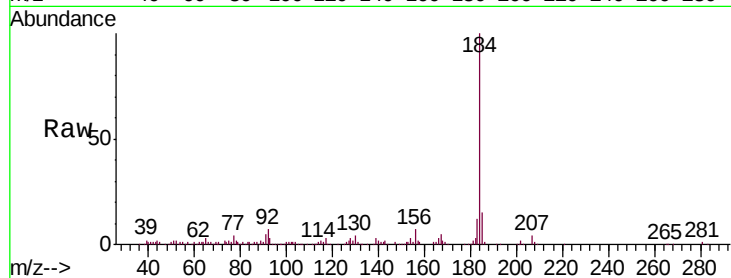
Tgt Ion:184 Resp: 152814

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

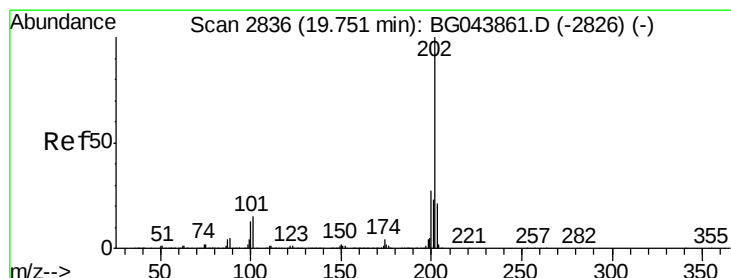
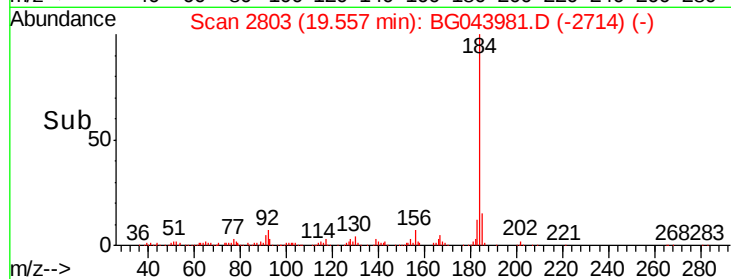
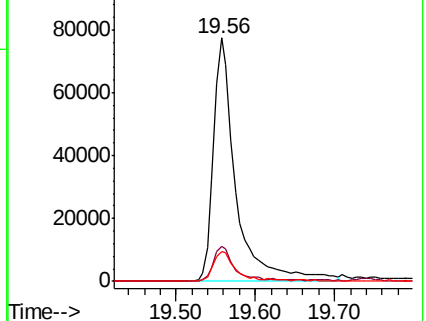
183 12.0 10.6 15.8



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



#78

Pyrene

Concen: 49.378 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

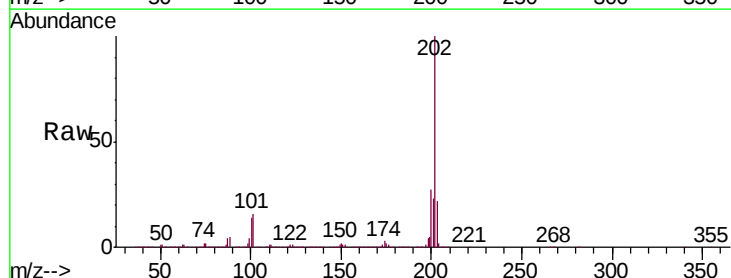
Tgt Ion:202 Resp: 1866943

Ion Ratio Lower Upper

202 100

200 27.1 21.7 32.5

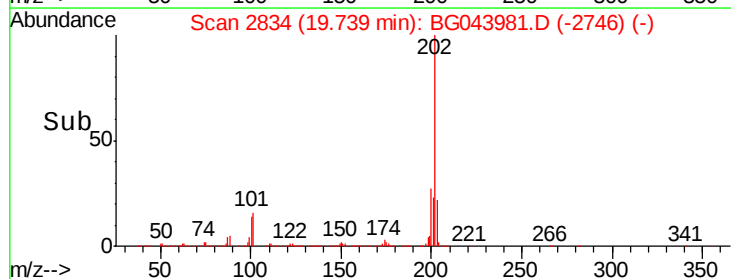
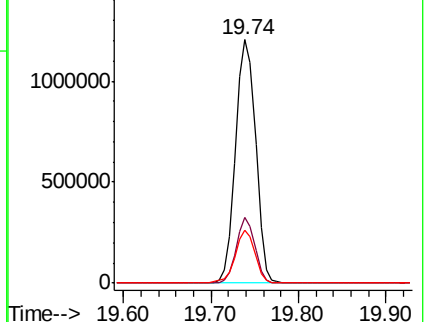
203 21.9 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.000 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

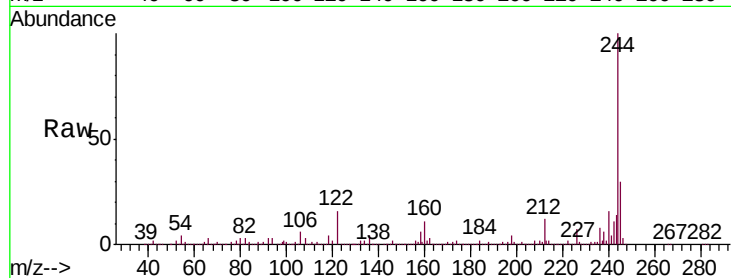
Tgt Ion:244 Resp: 2376787

Ion Ratio Lower Upper

244 100

212 11.6 8.6 13.0

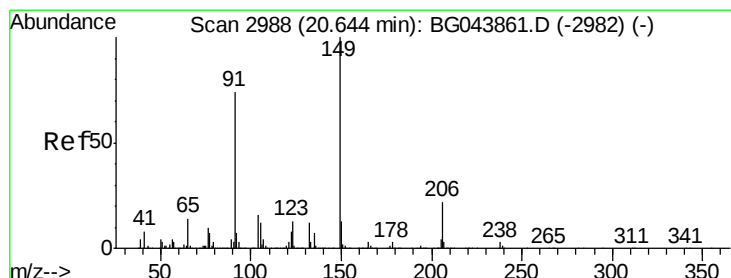
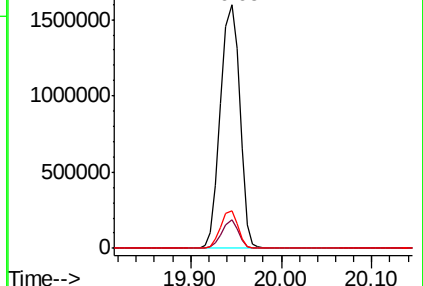
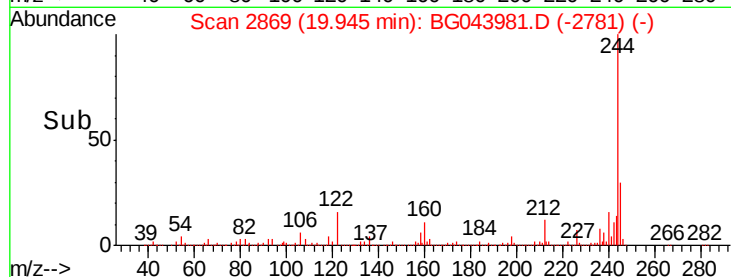
122 15.6 11.9 17.9



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



#80

Butylbenzylphthalate

Concen: 49.524 ng

RT: 20.63 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

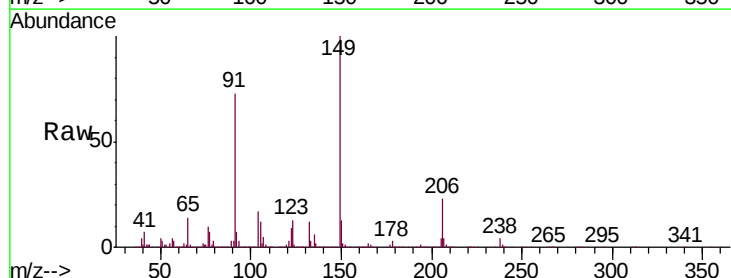
Tgt Ion:149 Resp: 891477

Ion Ratio Lower Upper

149 100

91 73.1 59.5 89.3

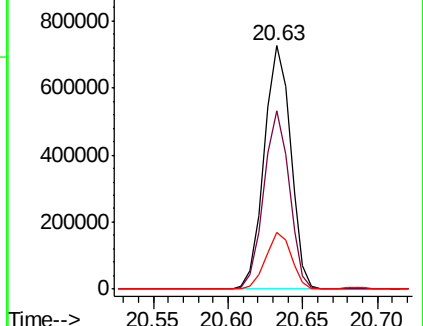
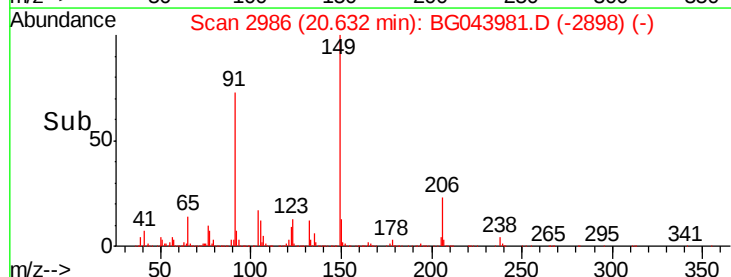
206 23.1 17.8 26.6

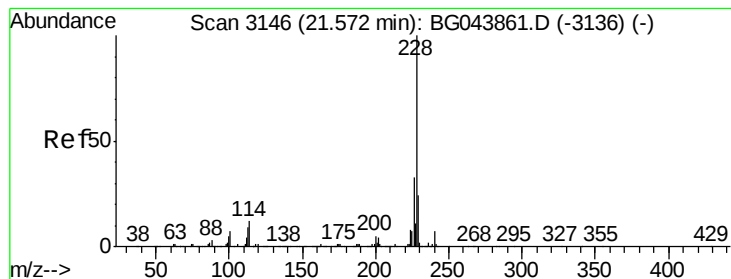


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.685 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

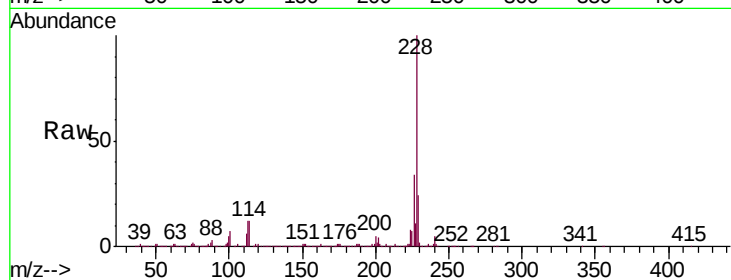
Tgt Ion:228 Resp: 1784538

Ion Ratio Lower Upper

228 100

226 33.6 26.2 39.4

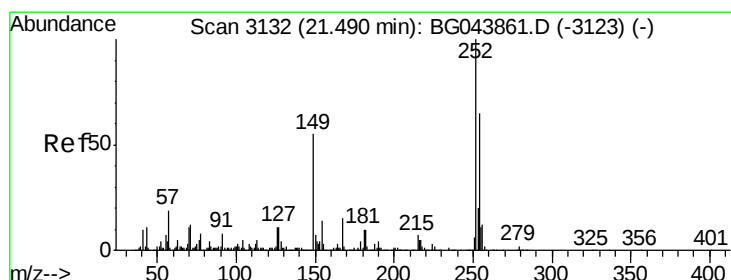
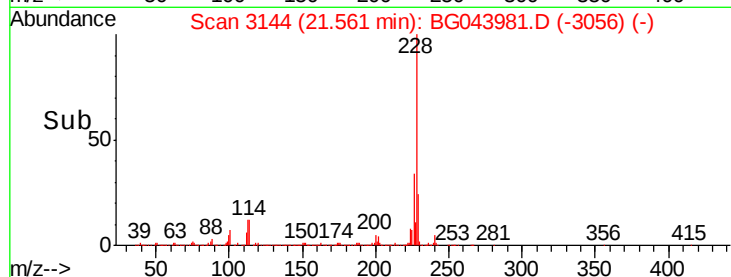
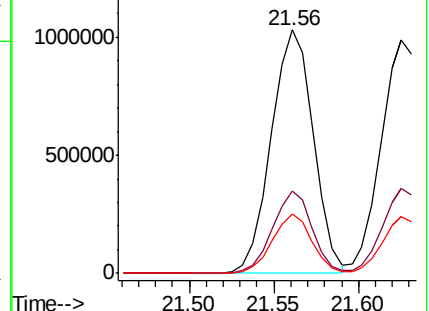
229 24.2 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.540 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

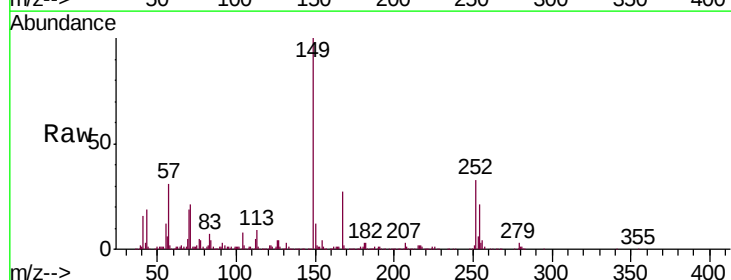
Tgt Ion:252 Resp: 206320

Ion Ratio Lower Upper

252 100

254 62.7 52.1 78.1

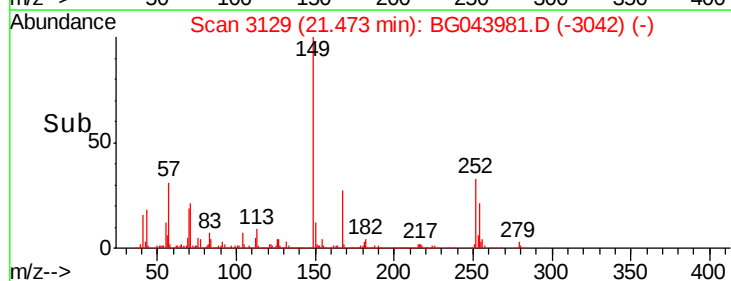
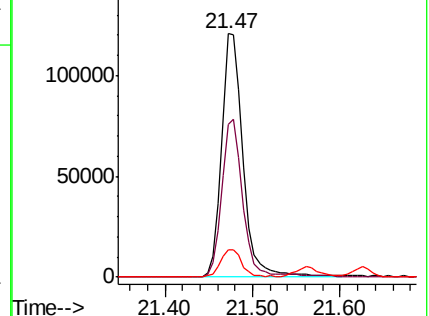
126 11.3 9.1 13.7

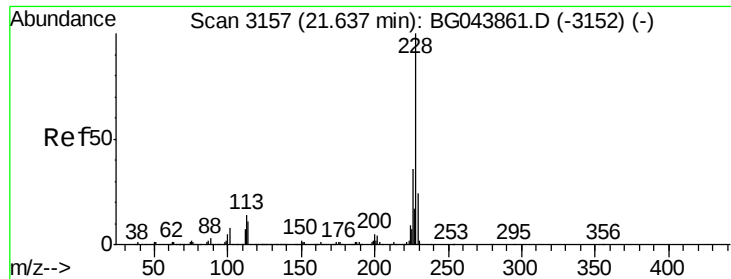


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.374 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

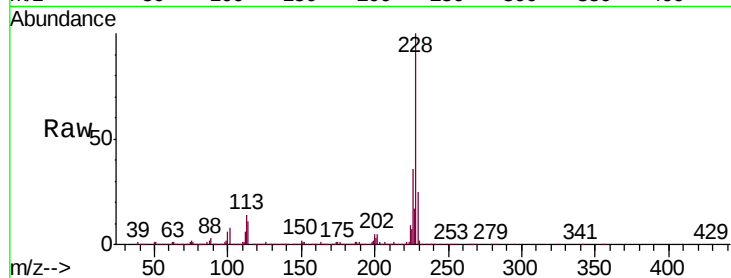
Tgt Ion:228 Resp: 1719166

Ion Ratio Lower Upper

228 100

226 36.1 28.8 43.2

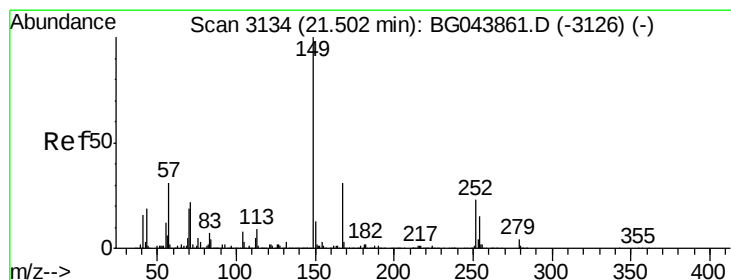
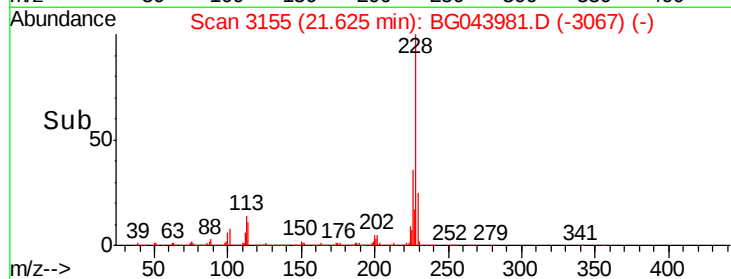
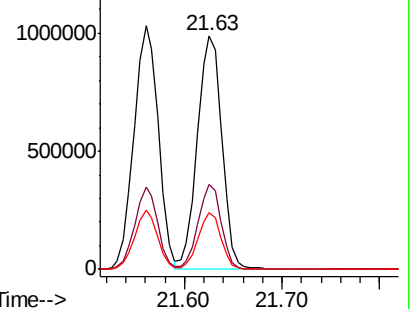
229 24.5 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.584 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

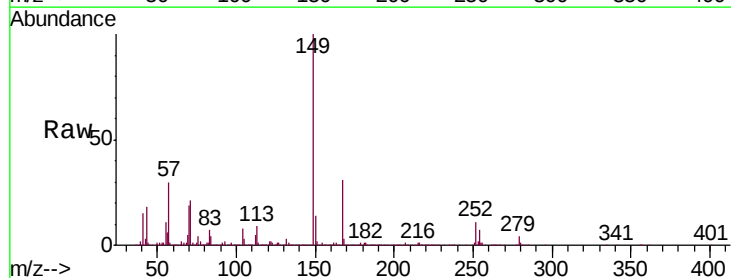
Tgt Ion:149 Resp: 1256377

Ion Ratio Lower Upper

149 100

167 31.2 24.7 37.1

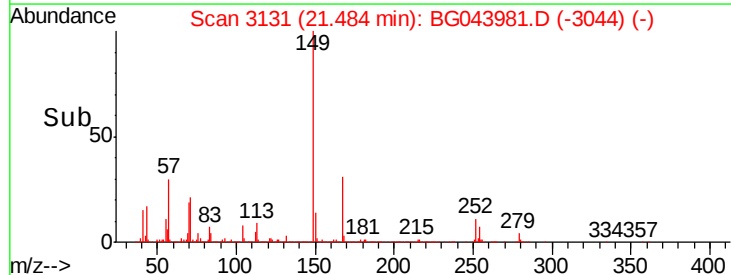
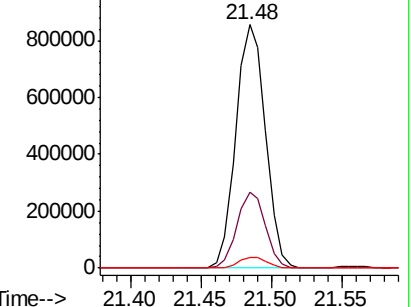
279 4.4 3.3 4.9

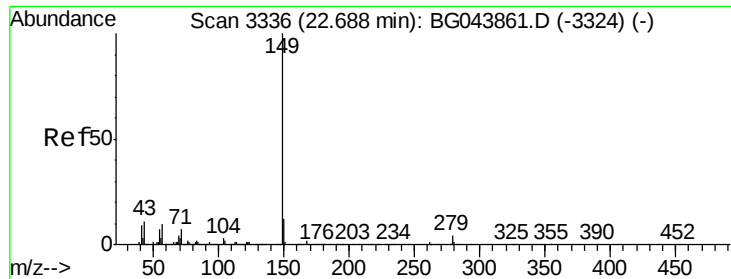


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

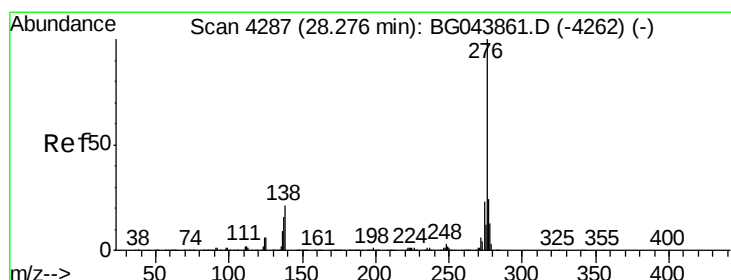
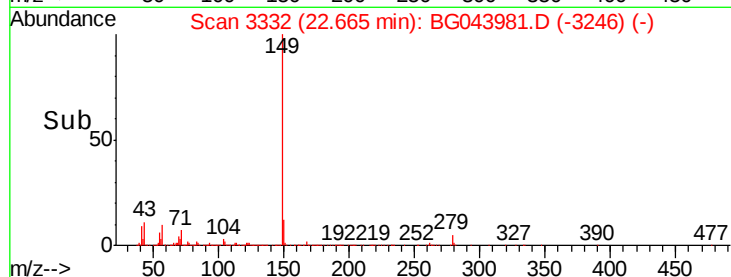
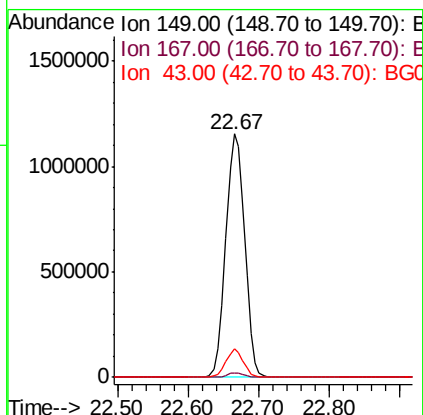
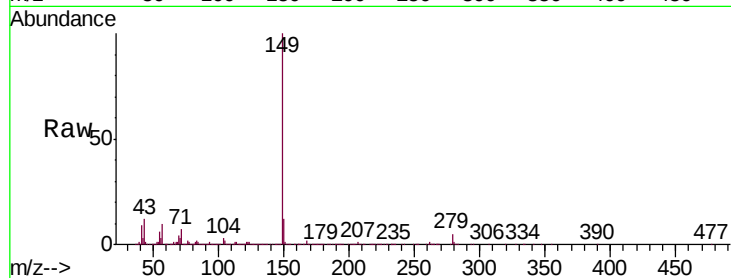




#85
Di-n-octyl phthalate
Concen: 51.211 ng
RT: 22.67 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

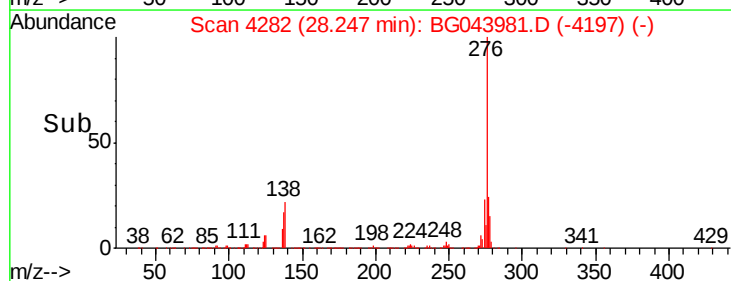
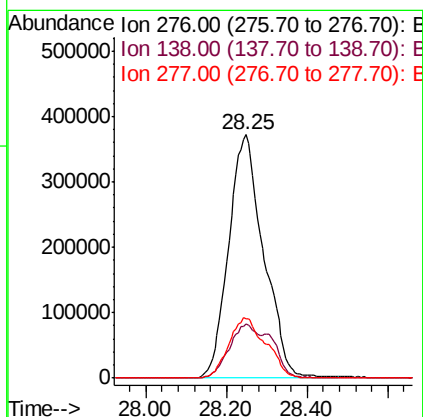
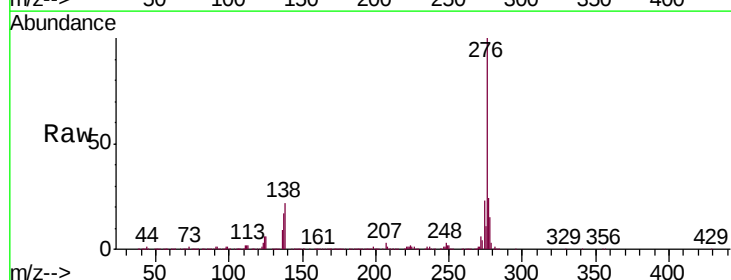
Instrument :
BNA_G
ClientSampleId :
TR-04-010620MS

Tgt Ion:149 Resp: 2138344
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.519 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043981.D
Acq: 9 Jan 2020 1:15

Tgt Ion:276 Resp: 2250336
Ion Ratio Lower Upper
276 100
138 17.8 21.0 31.4#
277 26.2 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

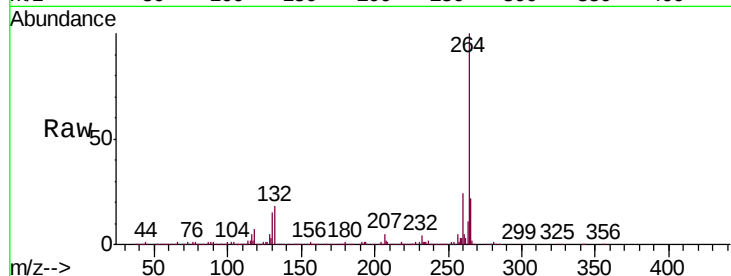
Tgt Ion:264 Resp: 662054

Ion Ratio Lower Upper

264 100

260 23.6 20.4 30.6

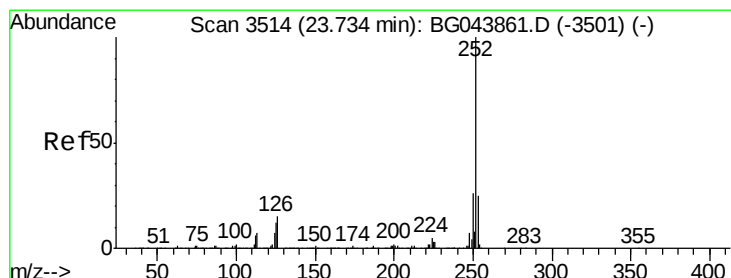
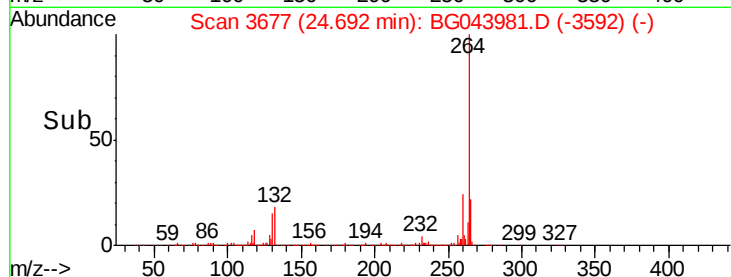
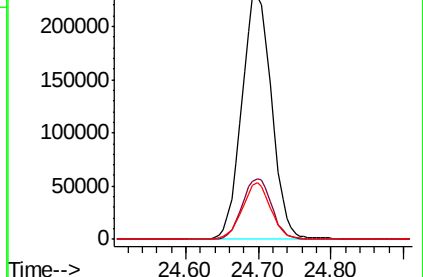
265 22.3 17.4 26.2



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



#88

Benzo(b)fluoranthene

Concen: 48.207 ng

RT: 23.72 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

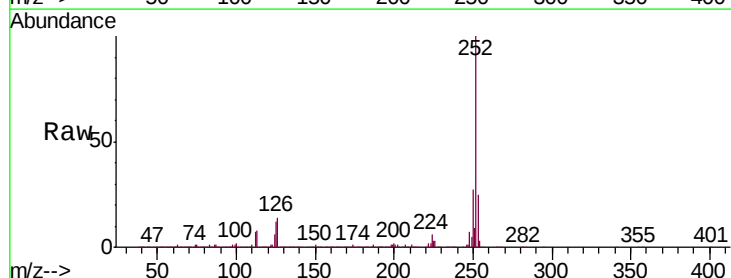
Tgt Ion:252 Resp: 1886783

Ion Ratio Lower Upper

252 100

253 24.9 19.7 29.5

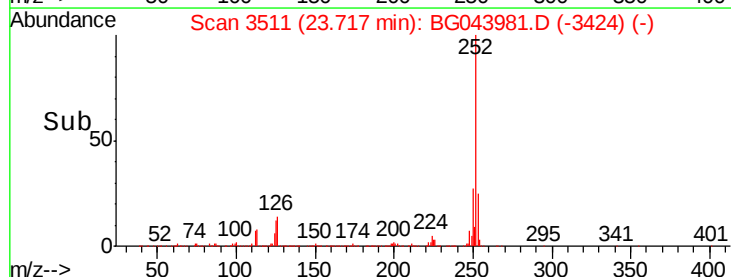
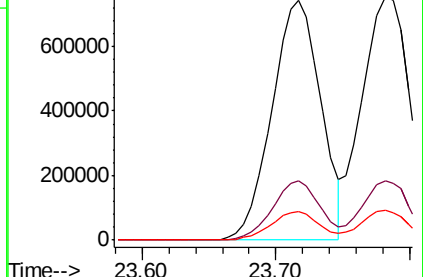
125 11.8 9.4 14.2

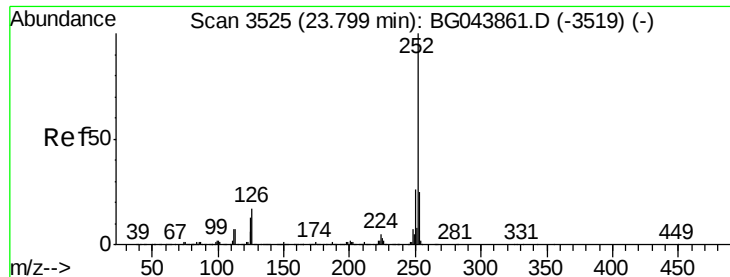


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.648 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

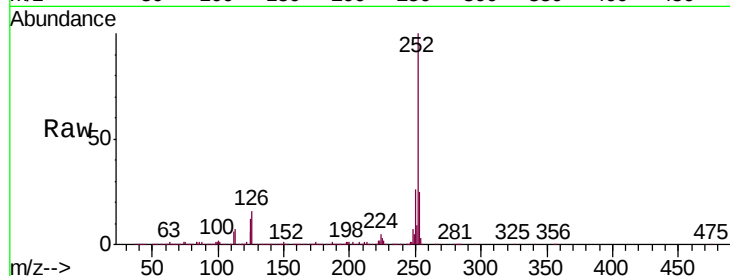
Tgt Ion:252 Resp: 1885062

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.2

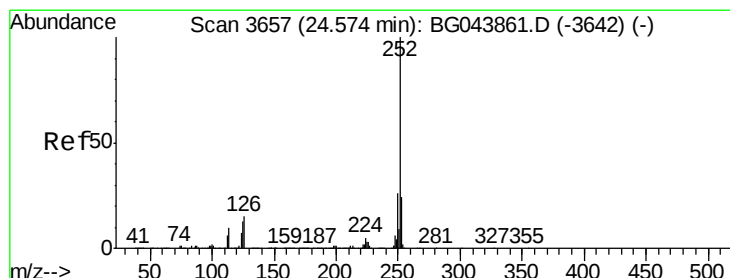
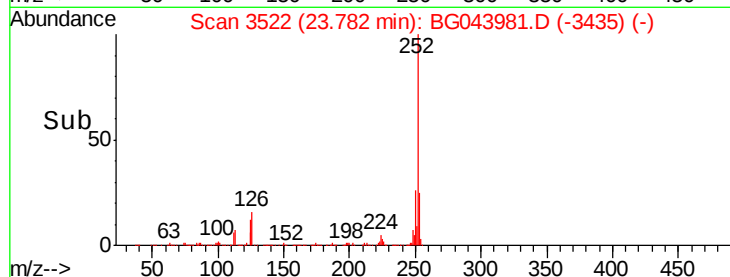
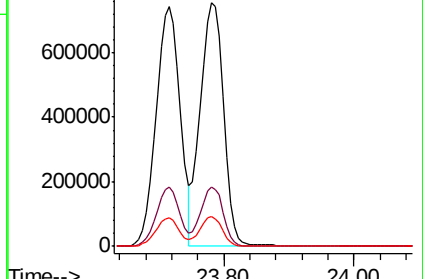
125 12.2 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.711 ng

RT: 24.56 min Scan# 3654

Delta R.T. -0.02 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

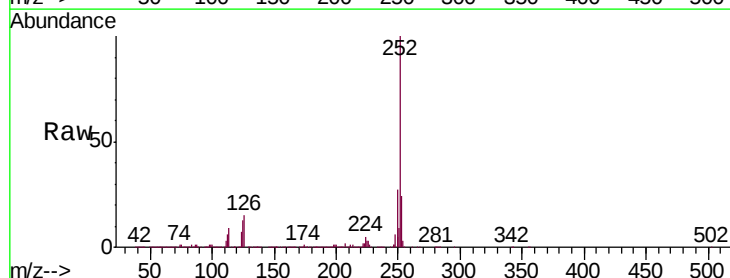
Tgt Ion:252 Resp: 1762465

Ion Ratio Lower Upper

252 100

253 23.8 19.3 28.9

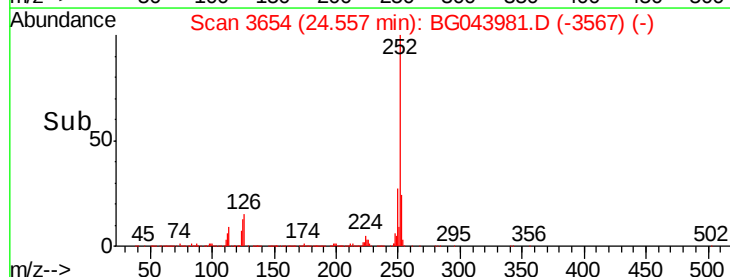
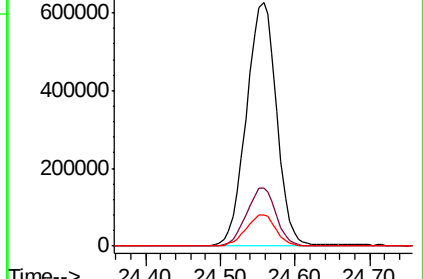
125 12.7 10.4 15.6

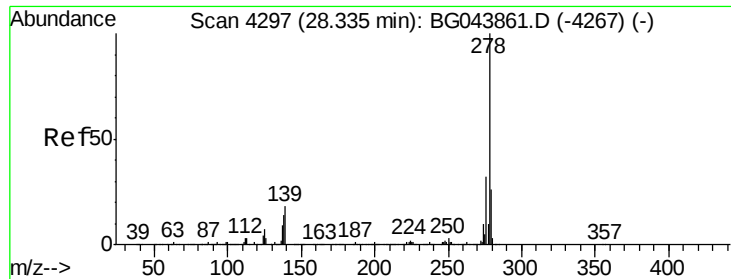


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.316 ng

RT: 28.31 min Scan# 4292

Delta R.T. -0.03 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MS

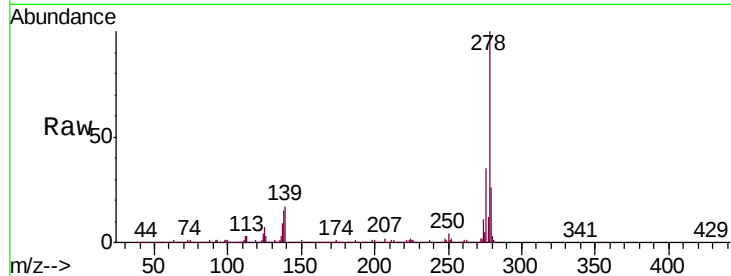
Tgt Ion:278 Resp: 1829581

Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

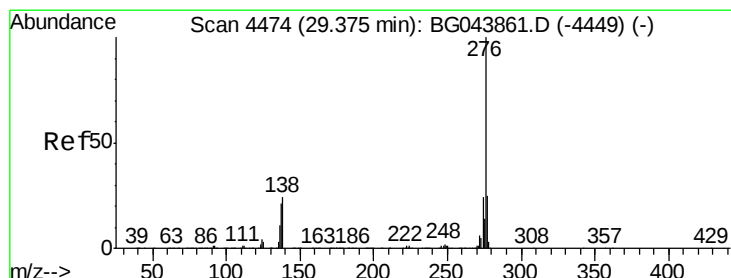
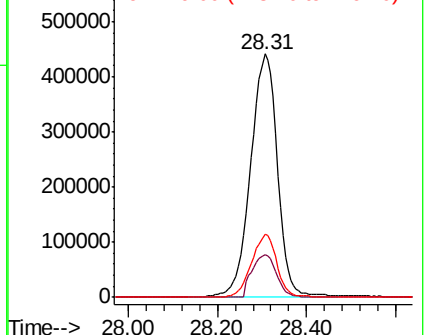
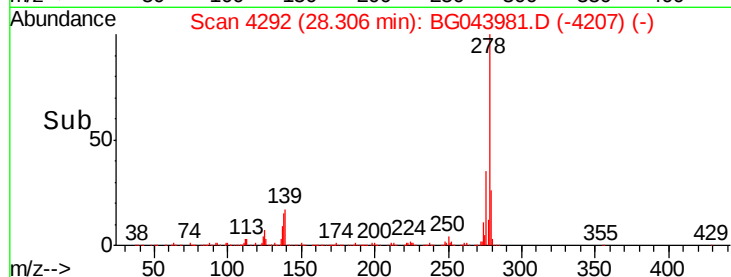
279 26.0 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.487 ng

RT: 29.35 min Scan# 4469

Delta R.T. -0.03 min

Lab File: BG043981.D

Acq: 9 Jan 2020 1:15

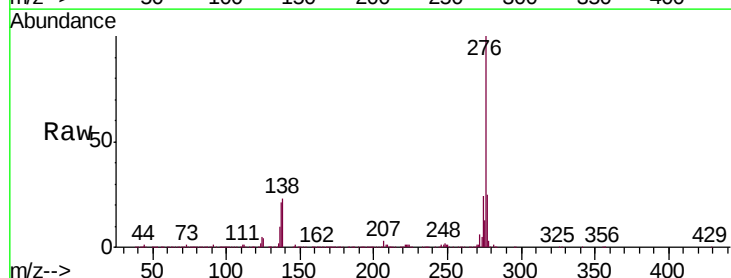
Tgt Ion:276 Resp: 1860478

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.4

138 23.4 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

