

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044028.D
 Acq On : 14 Jan 2020 1:35
 Operator : JU
 Sample : L1103-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:17:55 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	118211	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	482347	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	308220	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	653451	20.00	ng	-0.01
76) Chrysene-d12	21.58	240	573567	20.00	ng	0.00
87) Perylene-d12	24.74	264	641509	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	897709	139.44	ng	-0.01
7) Phenol-d6	7.12	99	1238104	137.58	ng	0.00
23) Nitrobenzene-d5	9.10	82	720151	79.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	457049	141.70	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1514925	89.05	ng	-0.02
79) Terphenyl-d14	19.94	244	2199752	95.44	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	125821	44.822	ng	96
3) Pyridine	3.81	79	313311	37.781	ng	95
4) n-Nitrosodimethylamine	3.72	42	165090	44.715	ng	99
6) Aniline	7.27	93	287179	24.296	ng	98
8) 2-Chlorophenol	7.52	128	393566	52.072	ng	98
9) Benzaldehyde	7.08	77	214789	37.291	ng	99
10) Phenol	7.15	94	515574	55.605	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	376378	47.026	ng	98
12) 1,3-Dichlorobenzene	7.84	146	421405	47.645	ng	97
13) 1,4-Dichlorobenzene	7.98	146	416551	47.732	ng	99
14) 1,2-Dichlorobenzene	8.30	146	395588	47.227	ng	99
15) Benzyl Alcohol	8.18	79	339197	47.758	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	506527	40.906	ng	100
17) 2-Methylphenol	8.39	107	342699	51.074	ng	98
18) Hexachloroethane	9.03	117	159081	46.848	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	292054	43.578	ng	96
20) 3+4-Methylphenols	8.72	107	465535	49.734	ng	99
22) Acetophenone	8.77	105	544108	45.374	ng	# 98
24) Nitrobenzene	9.14	77	416242	46.611	ng	97
25) Isophorone	9.67	82	779407	46.075	ng	97
26) 2-Nitrophenol	9.86	139	226379	53.581	ng	98
27) 2,4-Dimethylphenol	9.93	122	375729	59.078	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	495335	43.922	ng	98
29) 2,4-Dichlorophenol	10.40	162	390325	51.451	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	394966	46.433	ng	98
31) Naphthalene	10.80	128	1143554	48.992	ng	99
32) Benzoic acid	10.07	122	219486	43.111	ng	93
33) 4-Chloroaniline	10.90	127	99818	8.966	ng	98
34) Hexachlorobutadiene	11.10	225	232140	44.699	ng	98
35) Caprolactam	11.68	113	96832	34.287	ng	93
36) 4-Chloro-3-methylphenol	12.04	107	411772	50.987	ng	99
37) 2-Methylnaphthalene	12.41	142	851161	48.436	ng	97
38) 1-Methylnaphthalene	12.62	142	809414	48.599	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	405691	44.907	ng	99

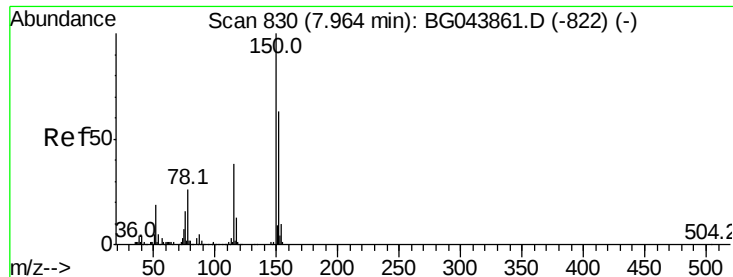
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044028.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	518874	110.787	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	308272	49.593	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	332069	51.796	ng	99
46) 1,1'-Biphenyl	13.42	154	1051953	47.602	ng	99
47) 2-Chloronaphthalene	13.46	162	829244	46.437	ng	99
48) 2-Nitroaniline	13.65	65	257430	44.816	ng	96
49) Acenaphthylene	14.30	152	1301420	50.705	ng	99
50) Dimethylphthalate	14.04	163	1194148	54.565	ng	100
51) 2,6-Dinitrotoluene	14.15	165	245175	49.565	ng	94
52) Acenaphthene	14.64	154	837294	46.518	ng	98
53) 3-Nitroaniline	14.47	138	115555	20.572	ng	96
54) 2,4-Dinitrophenol	14.68	184	267247	104.265	ng	96
55) Dibenzofuran	14.98	168	1228119	49.564	ng	99
56) 4-Nitrophenol	14.80	139	465514	108.147	ng	93
57) 2,4-Dinitrotoluene	14.94	165	340017	50.518	ng	99
58) Fluorene	15.63	166	974794	49.635	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	291916	52.952	ng	96
60) Diethylphthalate	15.40	149	1065549	48.679	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	507581	47.597	ng	99
62) 4-Nitroaniline	15.64	138	247835	44.679	ng	94
63) Azobenzene	15.91	77	982901	48.419	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	200084	58.384	ng	98
66) n-Nitrosodiphenylamine	15.84	169	921407	47.882	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	329227	44.797	ng	100
68) Hexachlorobenzene	16.64	284	360494	45.522	ng	99
69) Atrazine	16.78	200	354386	56.656	ng	99
70) Pentachlorophenol	16.98	266	440972	101.015	ng	99
71) Phenanthrene	17.36	178	1537530	49.055	ng	100
72) Anthracene	17.45	178	1583370	51.117	ng	100
73) Carbazole	17.72	167	1454861	50.847	ng	98
74) Di-n-butylphthalate	18.29	149	1771667	48.497	ng	98
75) Fluoranthene	19.37	202	1760561	49.116	ng	100
77) Benzidine	19.55	184	684411	47.473	ng	98
78) Pyrene	19.73	202	1773226	47.363	ng	99
80) Butylbenzylphthalate	20.63	149	850067	47.691	ng	97
81) Benzo(a)anthracene	21.55	228	1714405	48.205	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	354574	25.235	ng	98
83) Chrysene	21.64	228	1736703	51.391	ng	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	1175094	47.779	ng	99
85) Di-n-octyl phthalate	22.67	149	2057196	49.755	ng	98
86) Indeno(1,2,3-cd)pyrene	28.31	276	899503	19.586	ng	# 49
88) Benzo(b)fluoranthene	23.72	252	1844123	48.626	ng	99
89) Benzo(k)fluoranthene	23.80	252	1812381	50.255	ng	98
90) Benzo(a)pyrene	24.59	252	1708422	47.729	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1803721	50.176	ng	99
92) Benzo(g,h,i)perylene	29.54	276	1831222	51.284	ng	99

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

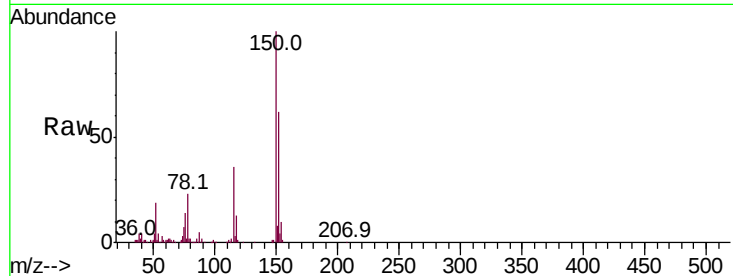


#1

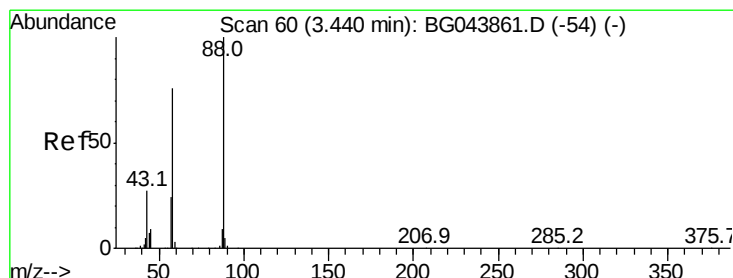
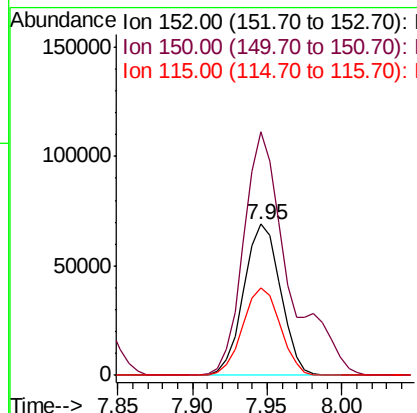
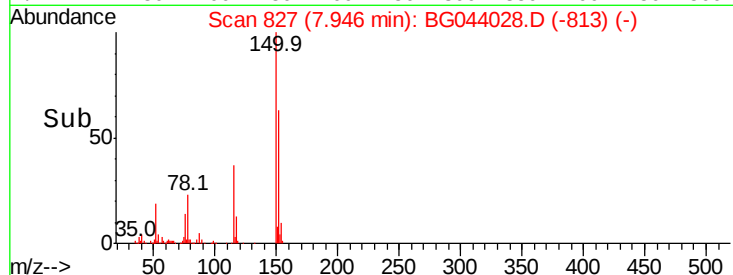
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 118211
Ion Ratio Lower Upper
152 100
150 161.3 127.0 190.4
115 58.3 47.8 71.8



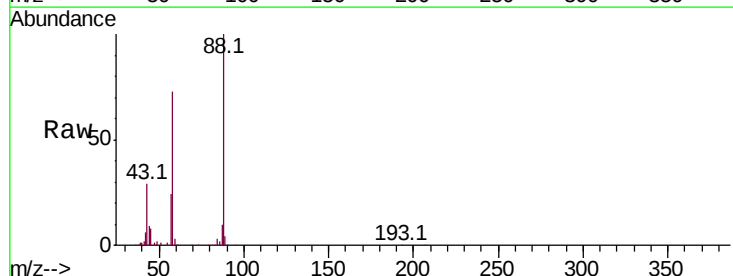
Abundance Ion 152.00 (151.70 to 152.70): E
150000
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



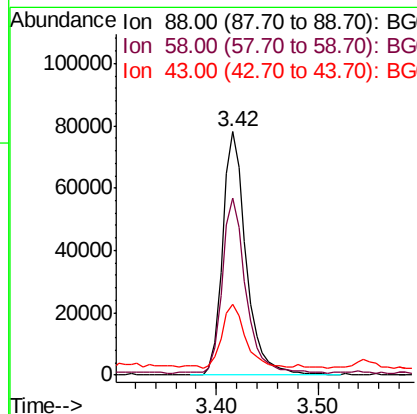
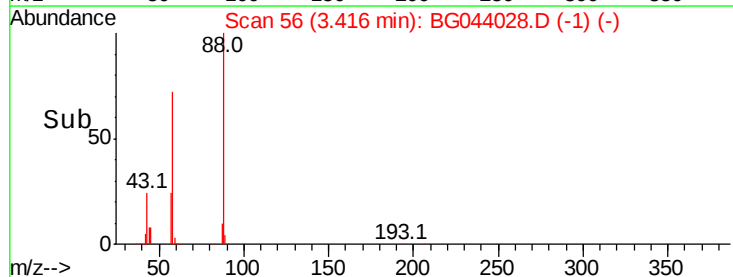
#2

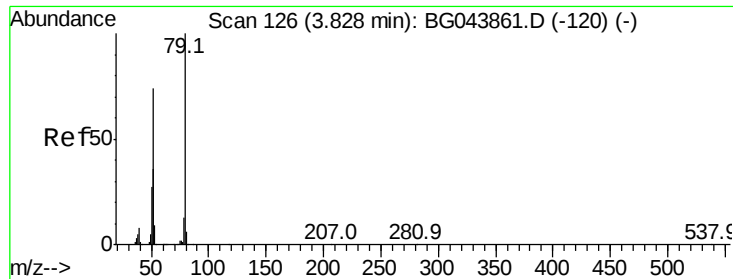
1,4-Dioxane
Concen: 44.822 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion: 88 Resp: 125821
Ion Ratio Lower Upper
88 100
58 71.2 59.8 89.8
43 26.4 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
100000
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.781 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

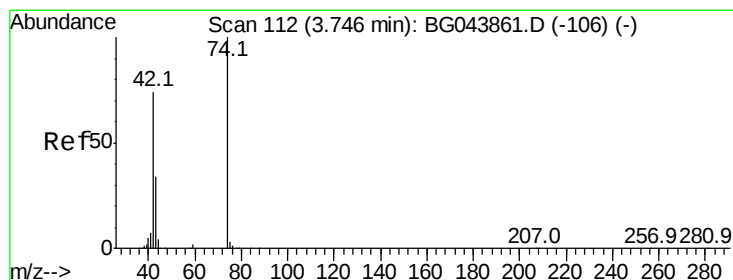
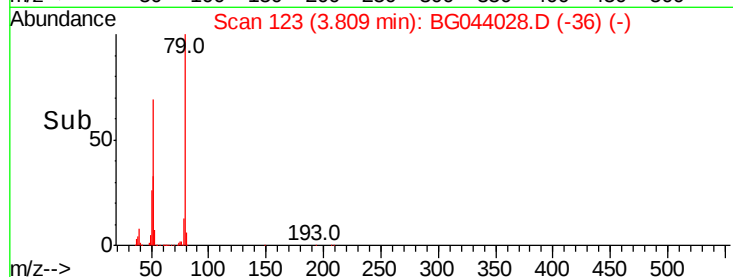
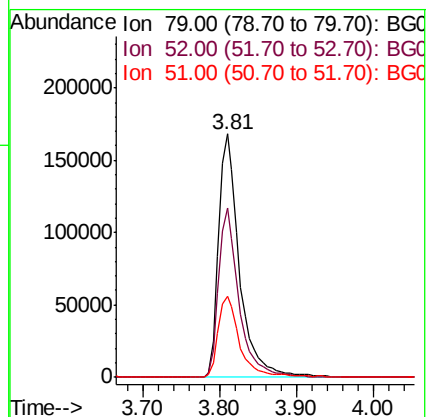
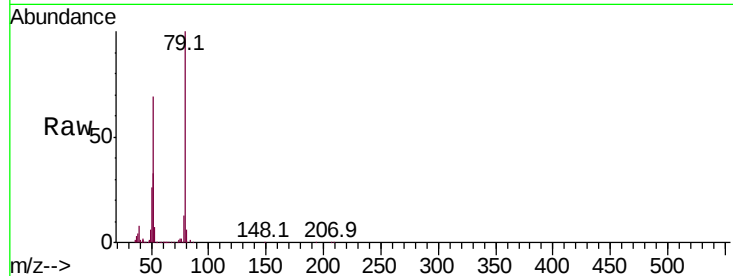
Tot Ion: 79 Resp: 313311

Ion Ratio Lower Upper

79 100

52 69.4 58.9 88.3

51 33.4 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 44.715 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

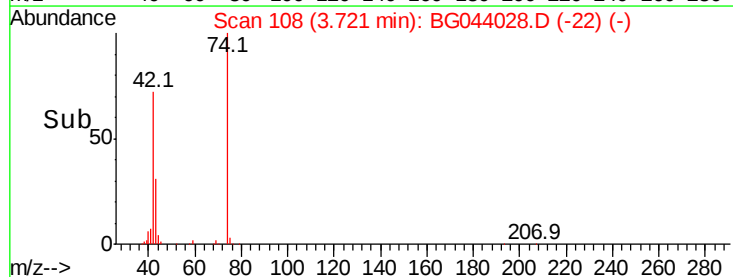
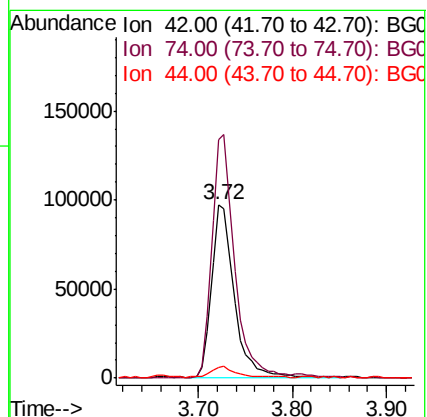
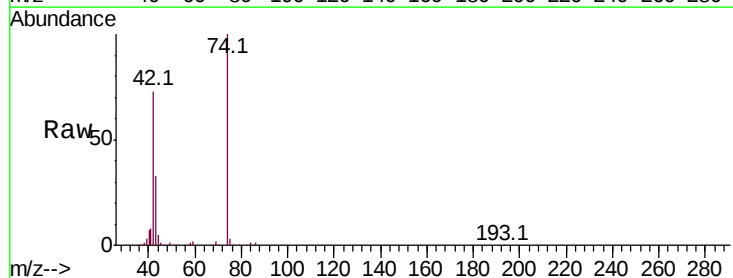
Tgt Ion: 42 Resp: 165090

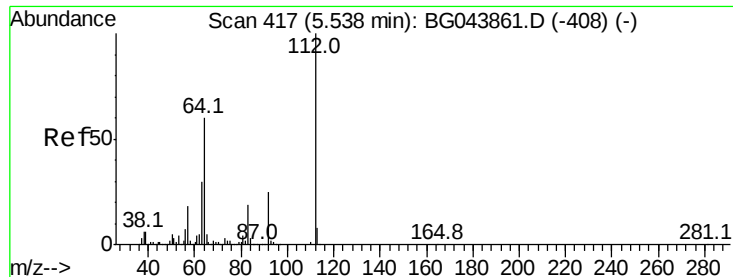
Ion Ratio Lower Upper

42 100

74 137.4 108.6 162.8

44 6.4 5.0 7.6





#5

2-Fluorophenol

Concen: 139.437 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

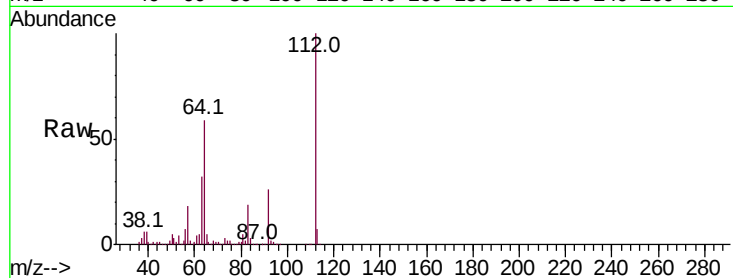
Tot Ion:112 Resp: 897709

Ion Ratio Lower Upper

112 100

64 59.4 47.8 71.6

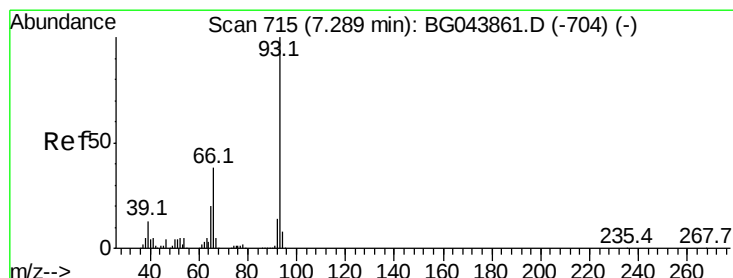
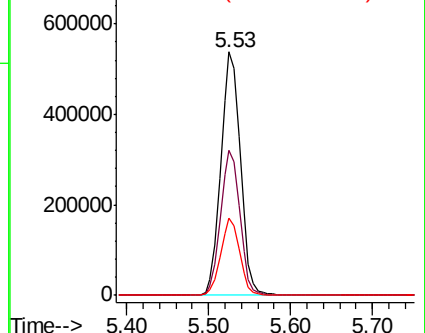
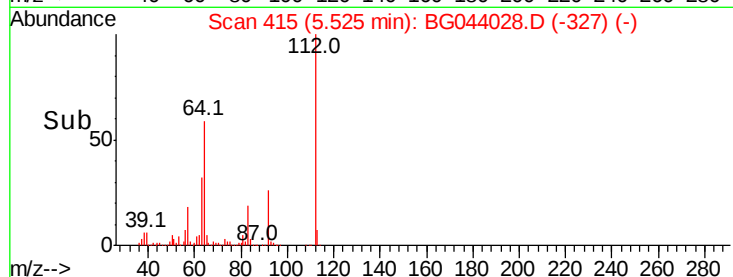
63 31.8 24.3 36.5



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: 24.296 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

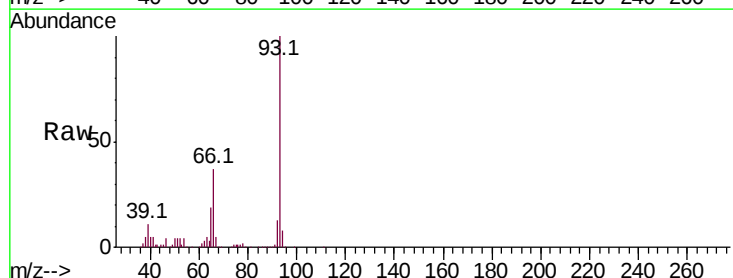
Tgt Ion: 93 Resp: 287179

Ion Ratio Lower Upper

93 100

66 37.3 30.8 46.2

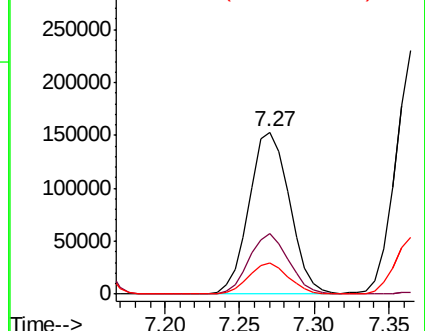
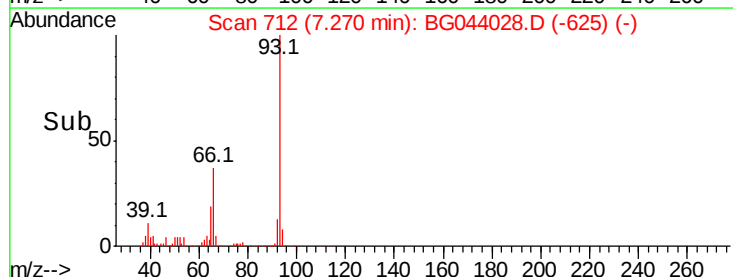
65 19.1 16.0 24.0

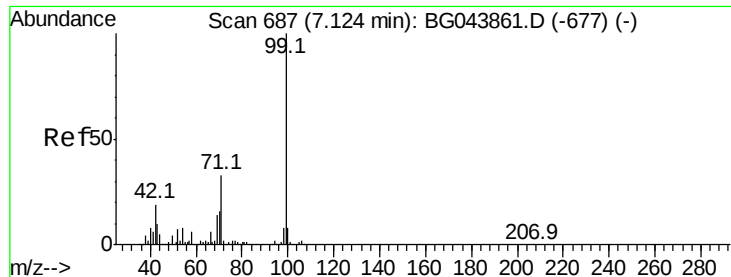


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.578 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

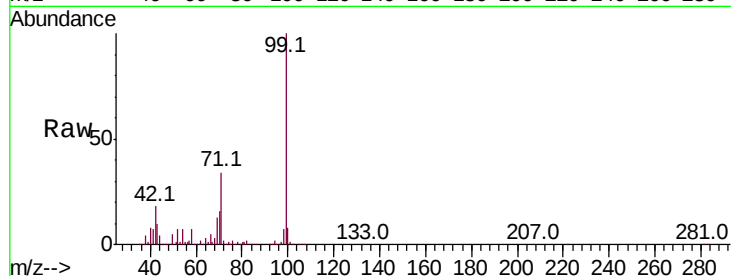
Tot Ion: 99 Resp: 1238104

Ion Ratio Lower Upper

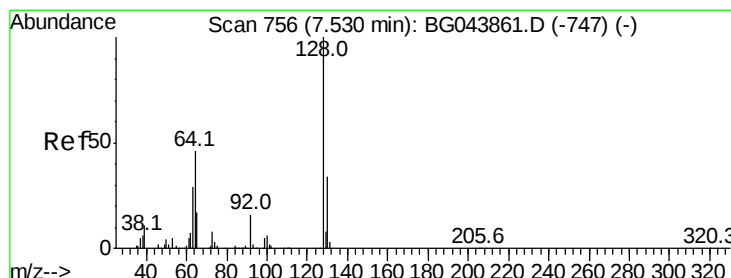
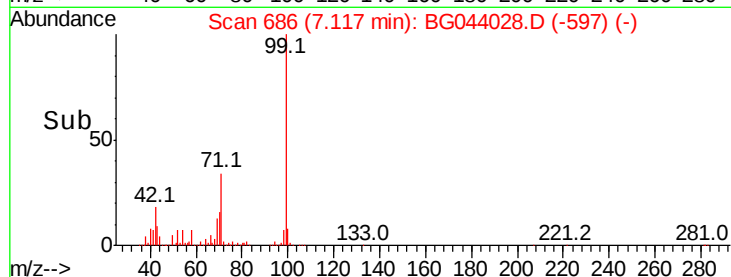
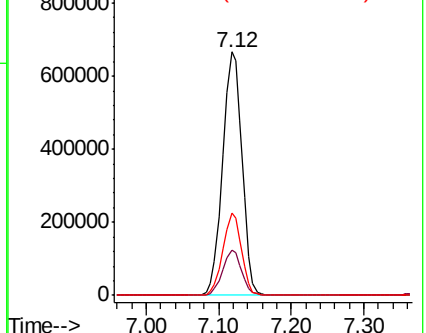
99 100

42 18.5 14.9 22.3

71 34.0 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: 52.072 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

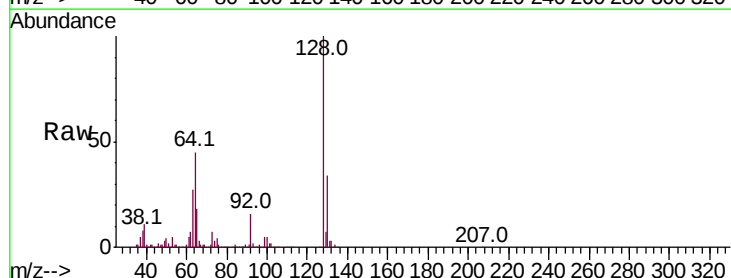
Tgt Ion:128 Resp: 393566

Ion Ratio Lower Upper

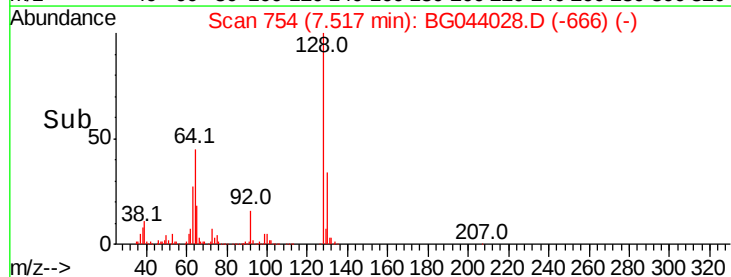
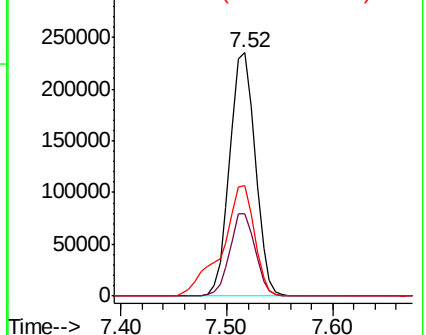
128 100

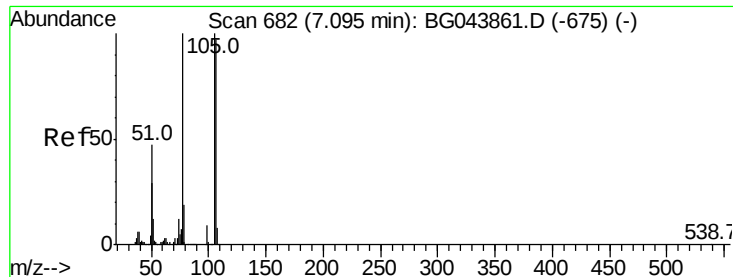
130 33.7 13.8 53.8

64 45.1 27.6 67.6



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





#9

Benzaldehyde

Concen: 37.291 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

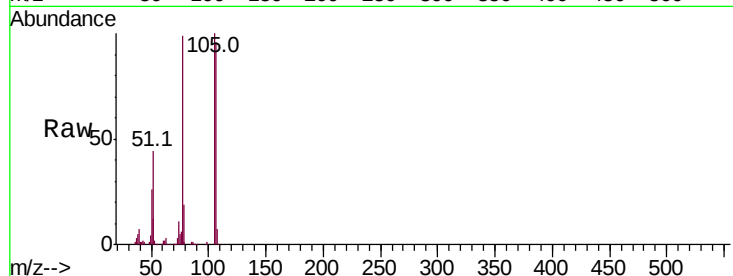
Tot Ion: 77 Resp: 214789

Ion Ratio Lower Upper

77 100

105 100.5 80.2 120.2

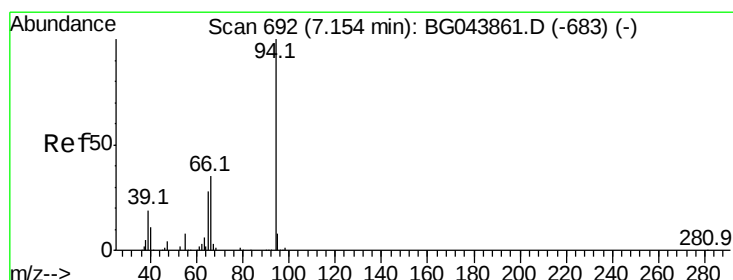
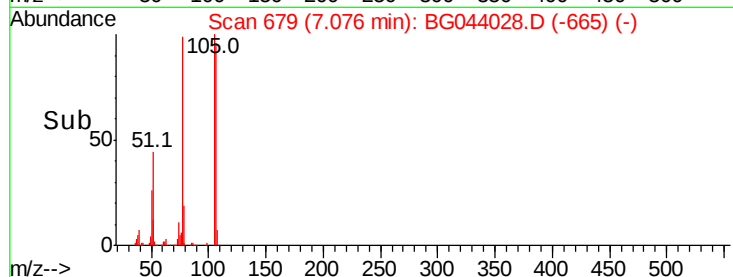
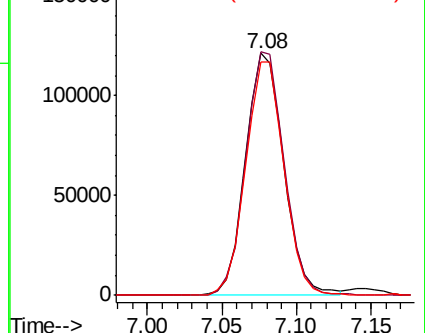
106 96.5 77.2 117.2



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: 55.605 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

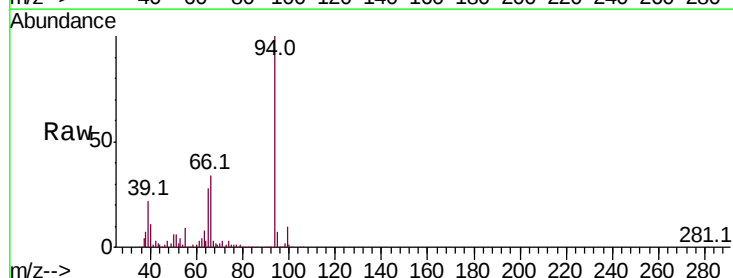
Tgt Ion: 94 Resp: 515574

Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

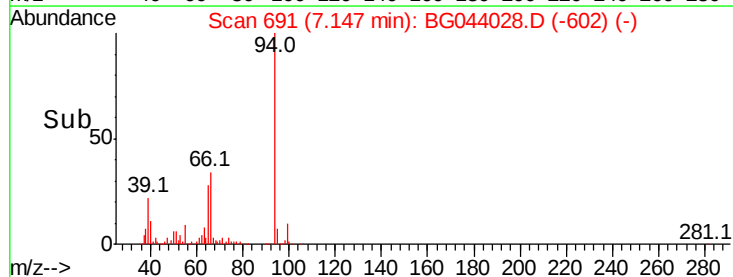
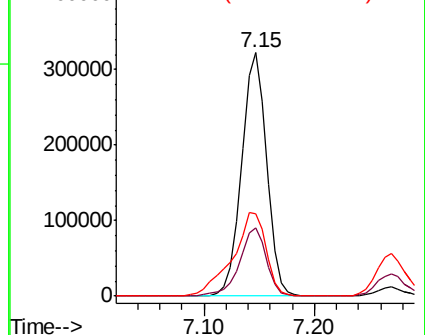
66 33.9 15.6 55.6

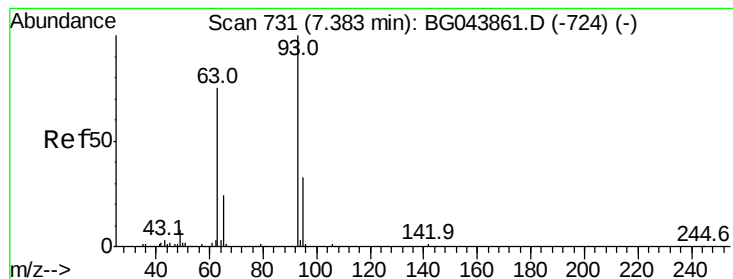


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.026 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

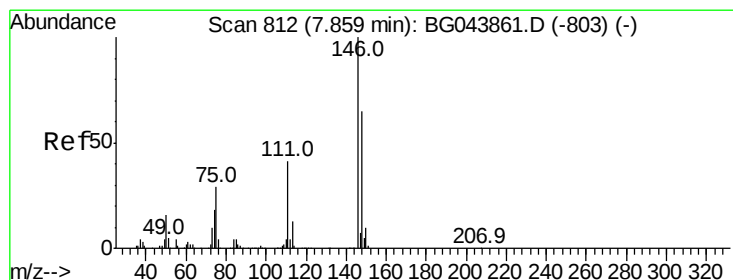
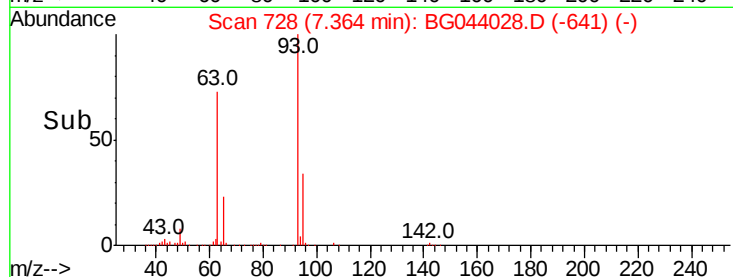
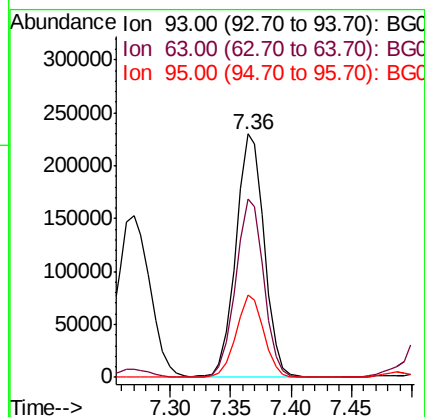
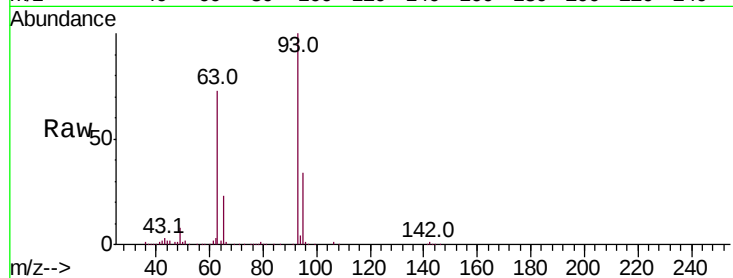
Tot Ion: 93 Resp: 376378

Ion Ratio Lower Upper

93 100

63 73.4 55.0 95.0

95 33.8 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 47.645 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

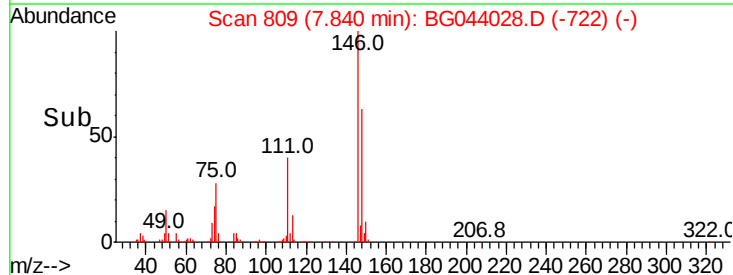
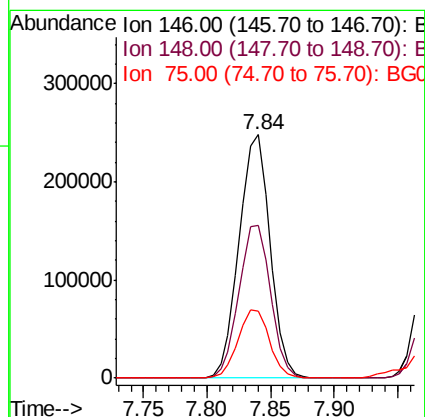
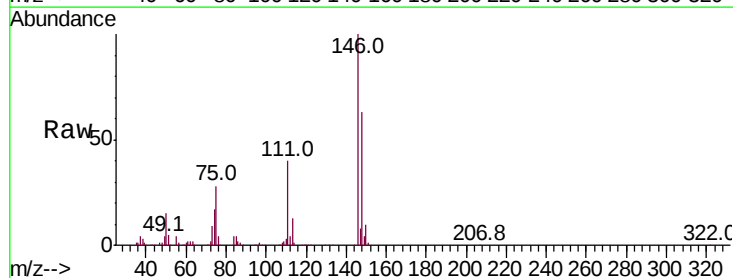
Tgt Ion: 146 Resp: 421405

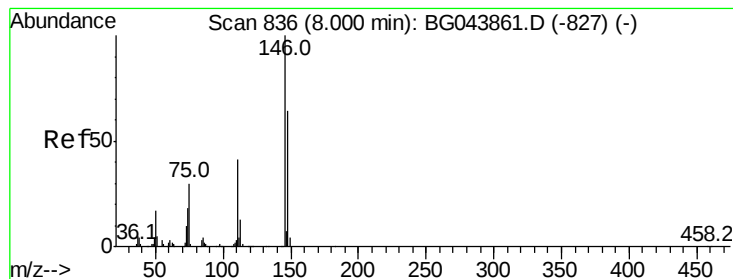
Ion Ratio Lower Upper

146 100

148 62.6 52.1 78.1

75 27.7 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 47.732 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

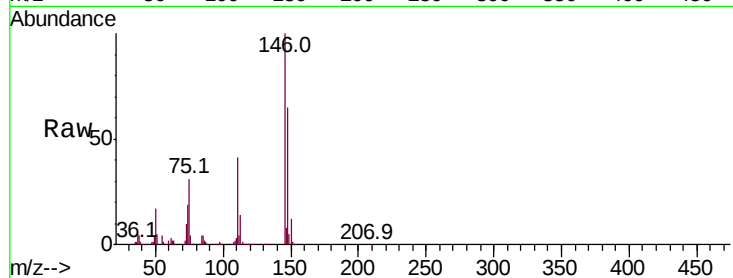
Tot Ion:146 Resp: 416551

Ion Ratio Lower Upper

146 100

148 65.0 51.2 76.8

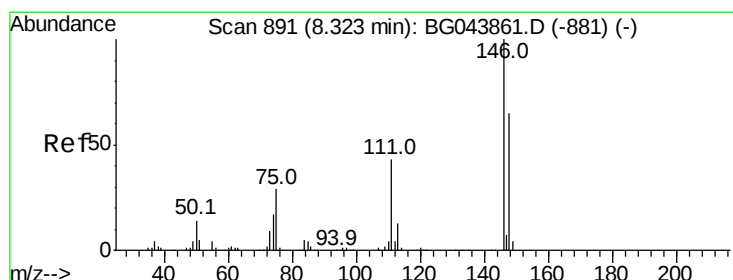
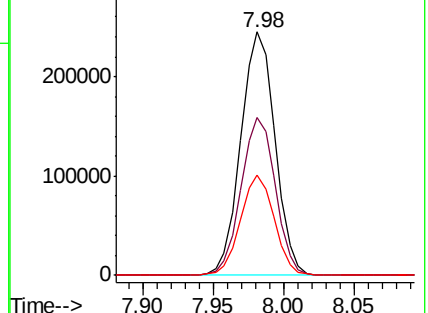
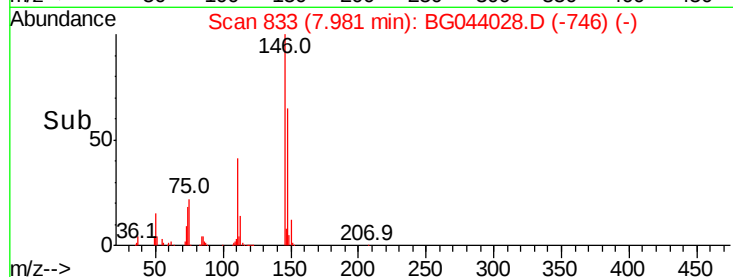
111 41.4 33.1 49.7



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: 47.227 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

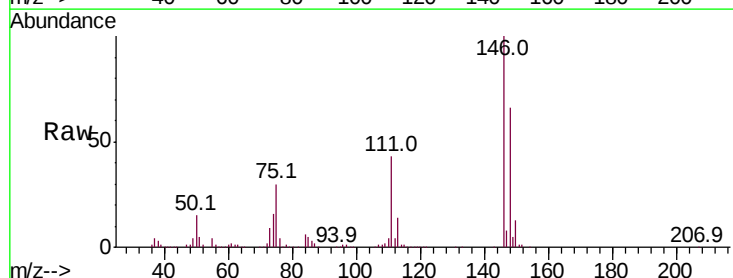
Tgt Ion:146 Resp: 395588

Ion Ratio Lower Upper

146 100

148 66.3 51.7 77.5

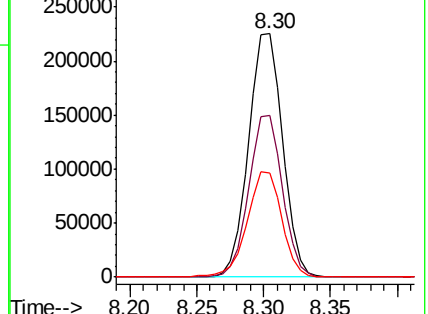
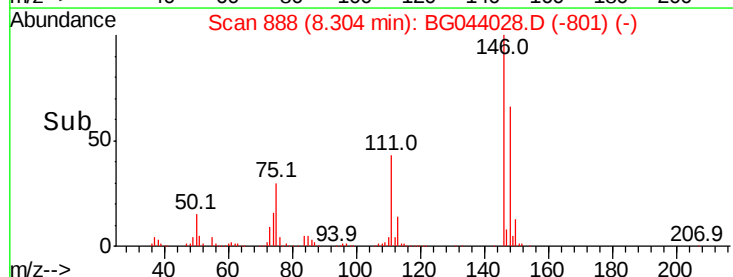
111 42.8 34.4 51.6

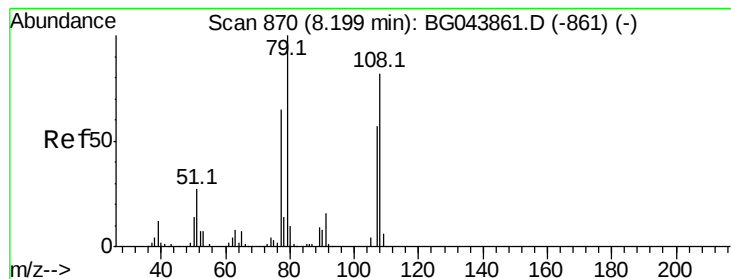


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.758 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampled :

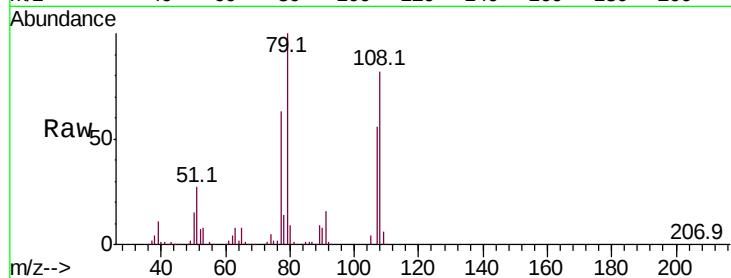
Tot Ion: 79 Resp: 339197

Ion Ratio Lower Upper

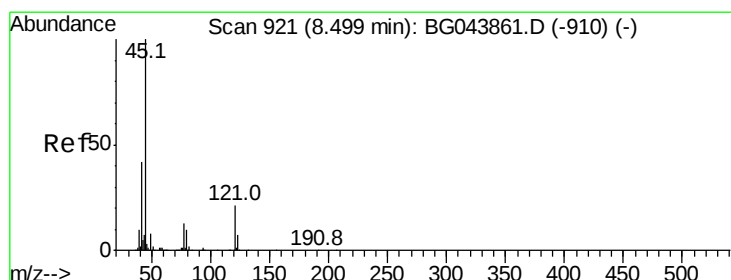
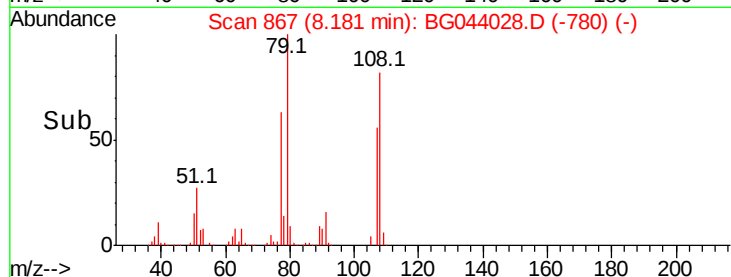
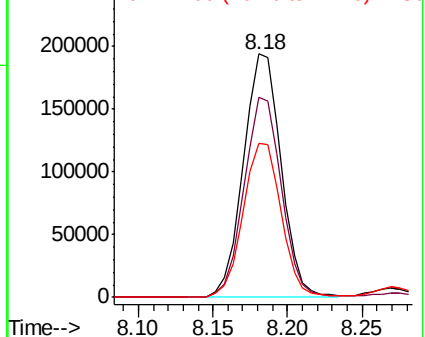
79 100

108 82.0 65.6 98.4

77 63.4 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: 40.906 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

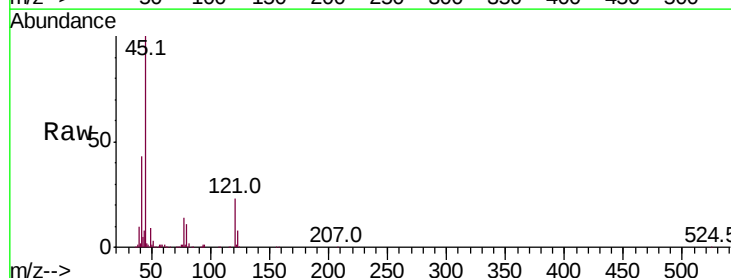
Tgt Ion: 45 Resp: 506527

Ion Ratio Lower Upper

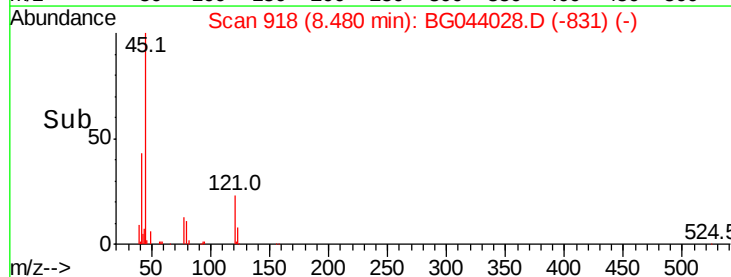
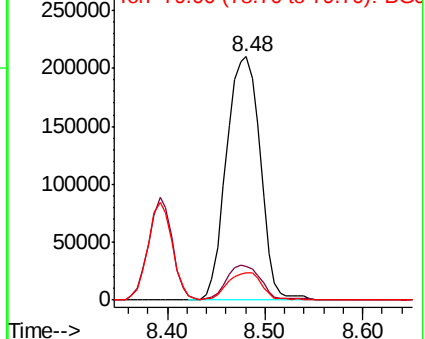
45 100

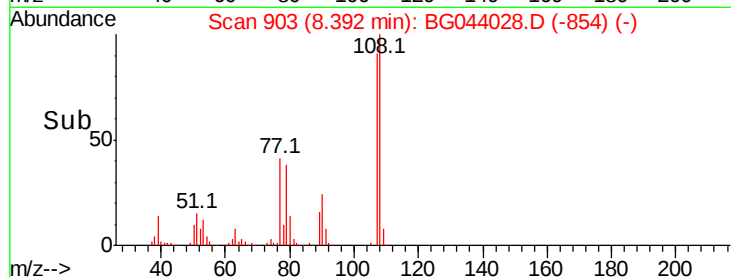
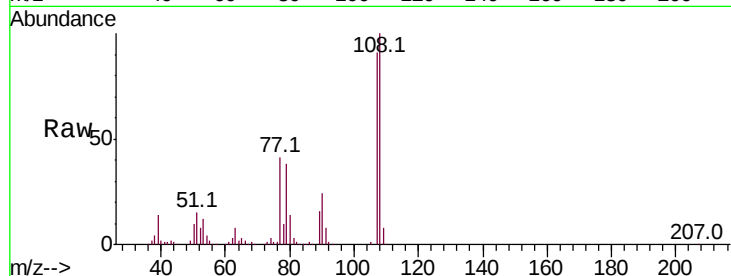
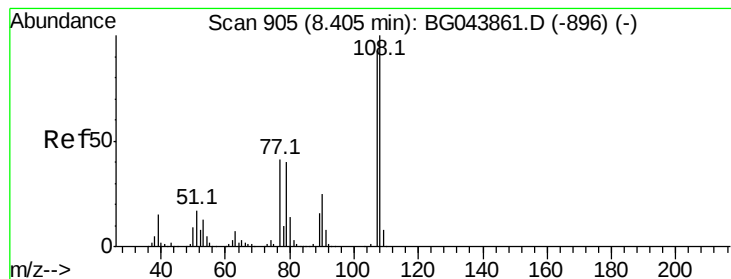
77 13.7 0.0 33.8

79 11.1 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: 51.074 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 342699

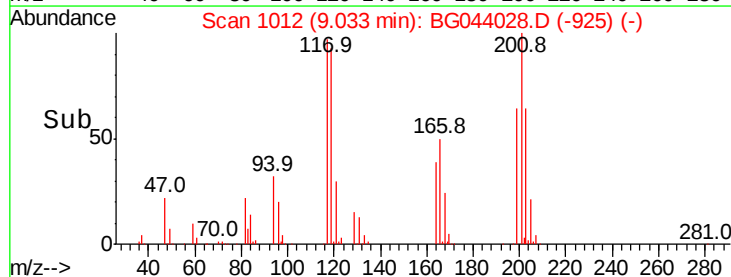
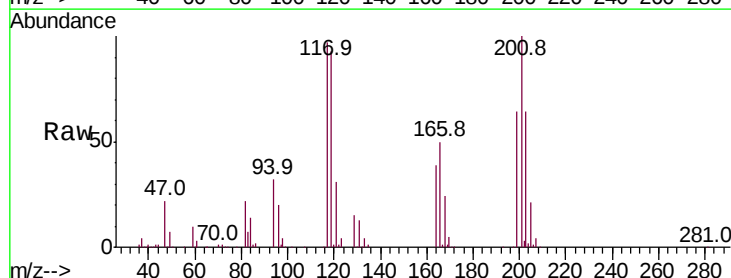
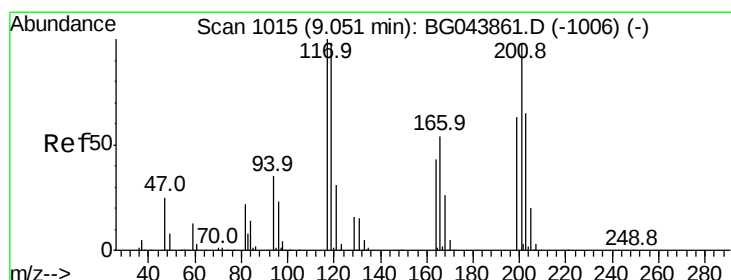
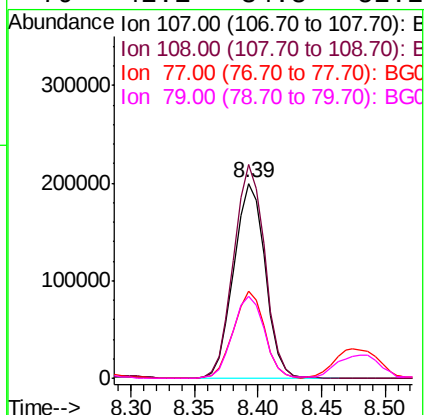
Ion Ratio Lower Upper

107 100

108 109.7 86.1 129.1

77 44.5 35.4 53.0

79 42.1 34.8 52.2



#18

Hexachloroethane

Concen: 46.848 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

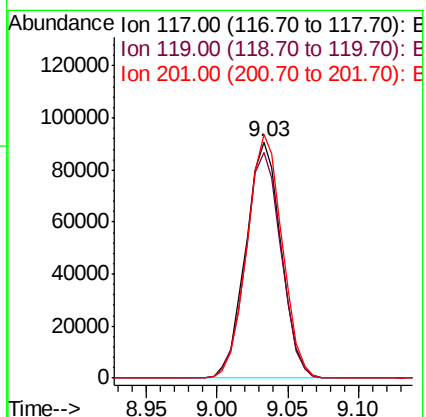
Tgt Ion:117 Resp: 159081

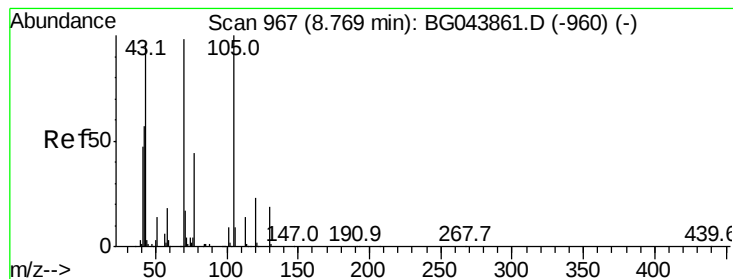
Ion Ratio Lower Upper

117 100

119 95.4 78.1 117.1

201 103.0 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.578 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 292054

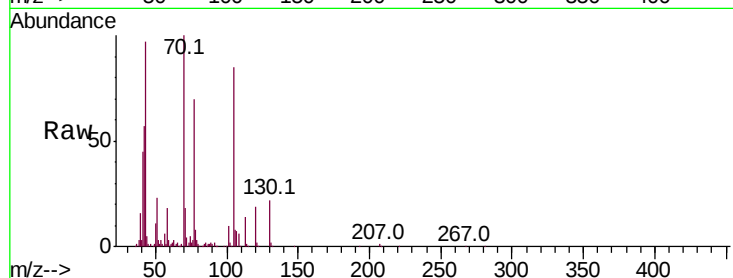
Ion Ratio Lower Upper

70 100

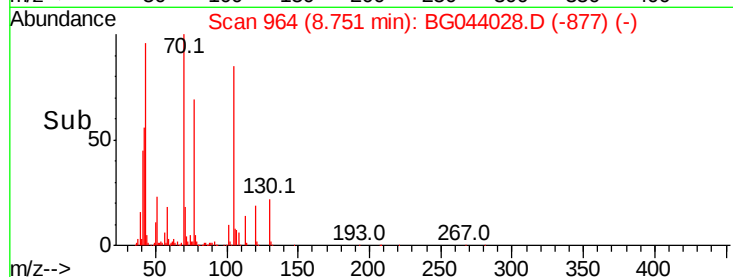
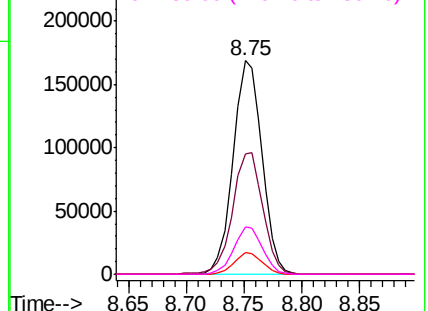
42 56.6 47.0 70.4

101 10.2 7.2 10.8

130 22.4 15.6 23.4



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



#20

3+4-Methylphenols

Concen: 49.734 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion: 107 Resp: 465535

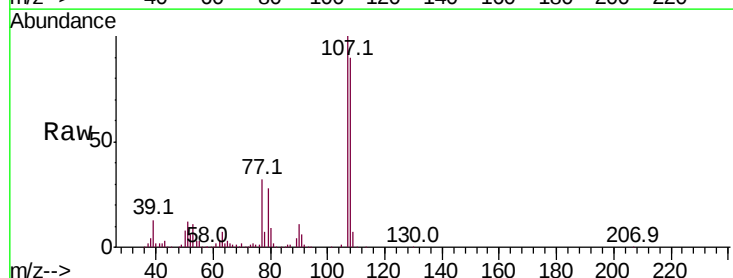
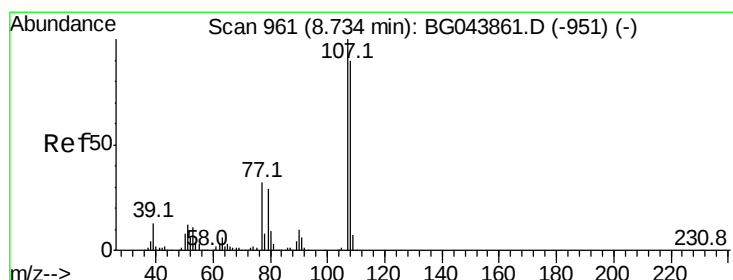
Ion Ratio Lower Upper

107 100

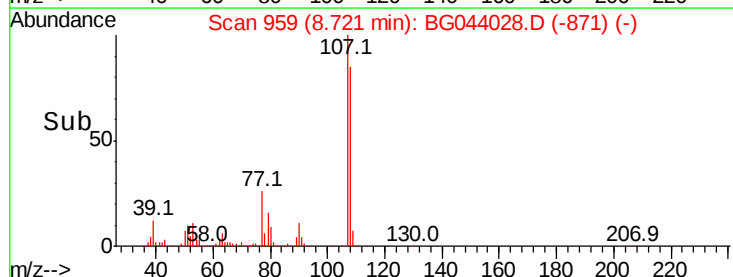
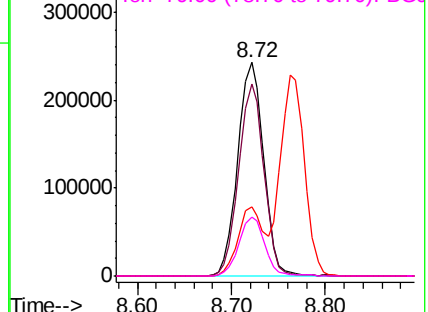
108 89.8 70.3 110.3

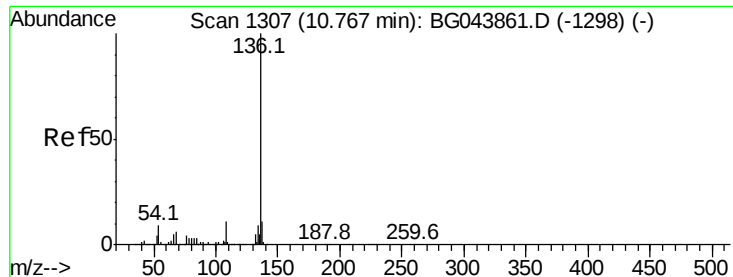
77 32.4 12.4 52.4

79 27.9 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: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 482347

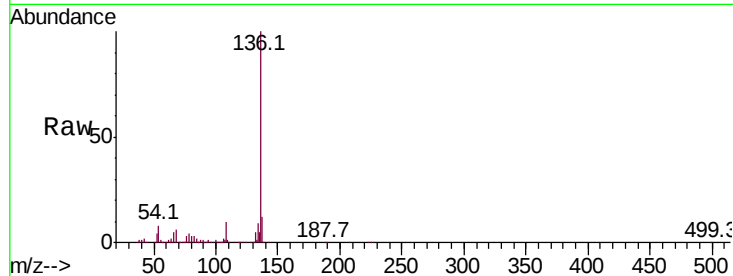
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 8.2 7.0 10.4

68 5.9 4.9 7.3

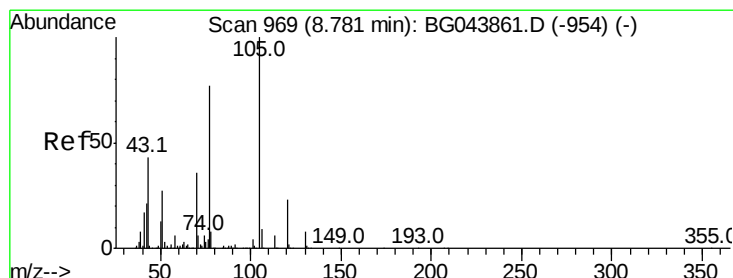
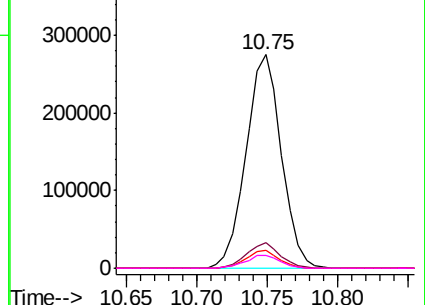
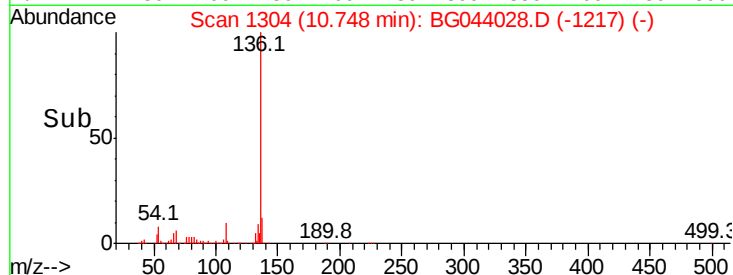


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 45.374 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:105 Resp: 544108

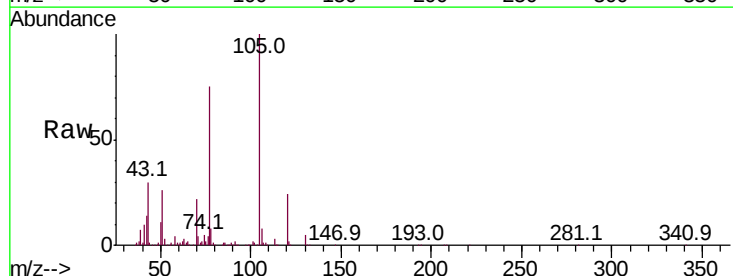
Ion Ratio Lower Upper

105 100

71 3.7 4.8 7.2#

51 26.0 21.4 32.0

120 23.8 18.6 28.0

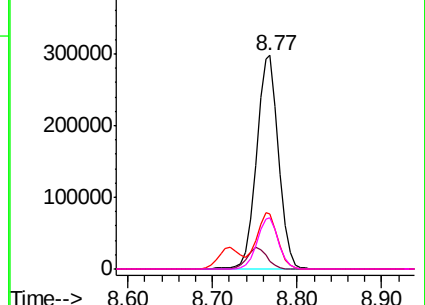
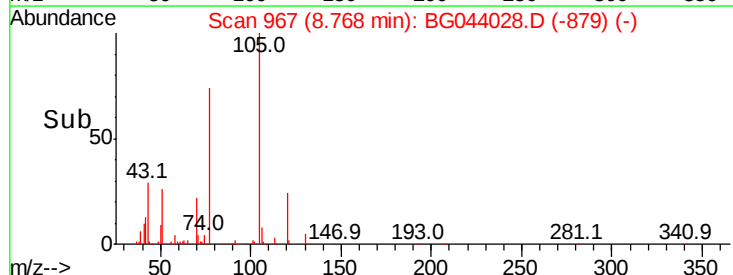


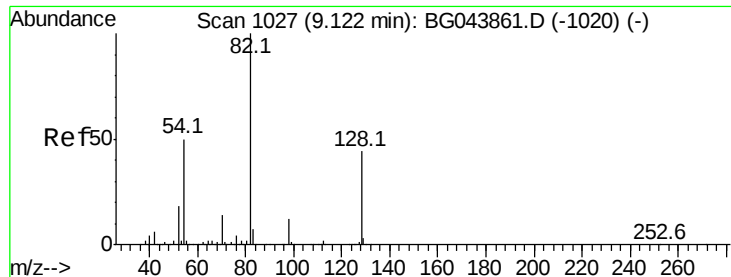
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

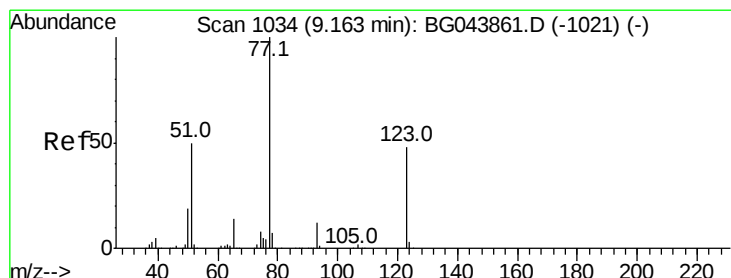
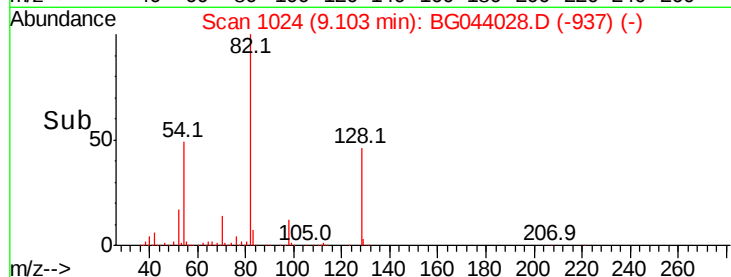
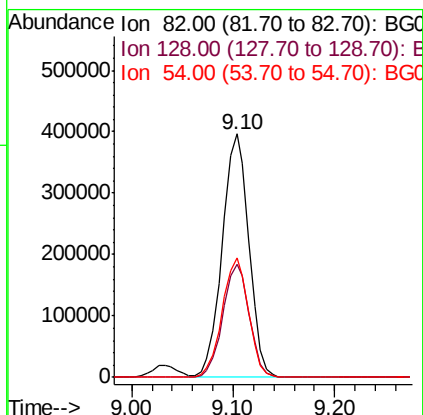
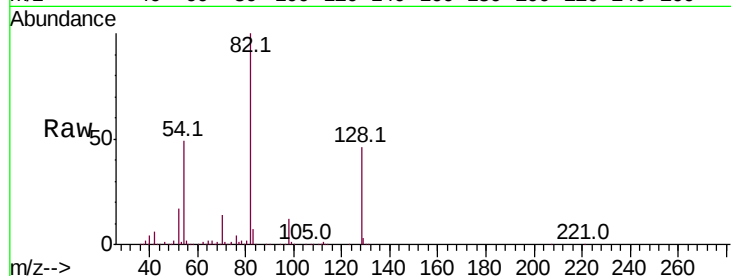




#23
Nitrobenzene-d5
Concen: 79.870 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

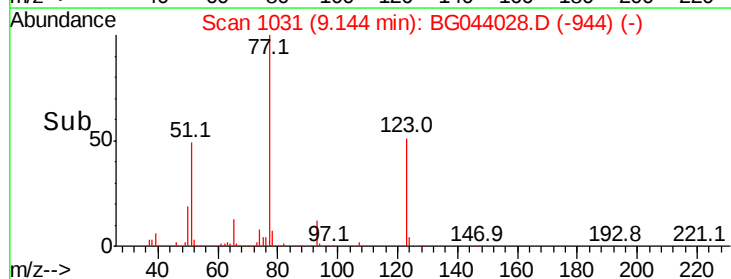
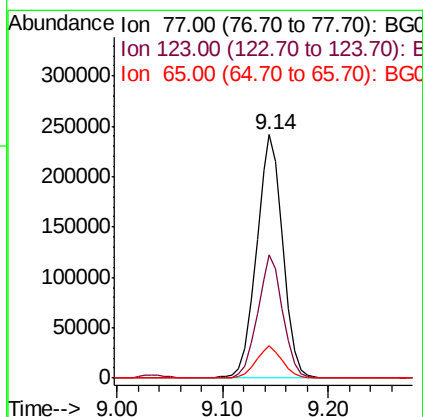
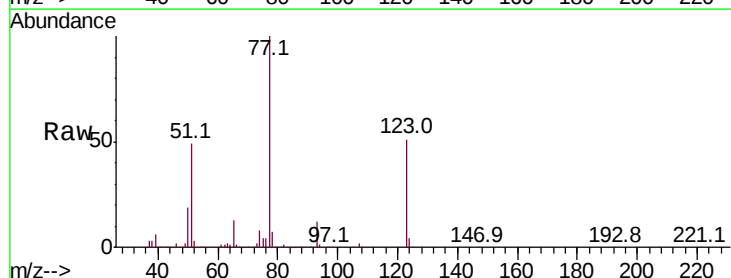
Instrument :
BNA_G
ClientSampled :

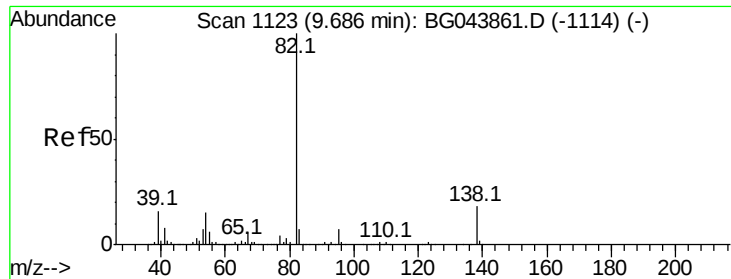
Tot Ion	82	Resp	720151
Ion Ratio	100	Lower	Upper
128	46.5	35.1	52.7
54	49.1	40.1	60.1



#24
Nitrobenzene
Concen: 46.611 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	77	Resp	416242
Ion Ratio	100	Lower	Upper
123	50.6	38.7	58.1
65	13.1	11.1	16.7





#25

Isophorone

Concen: 46.075 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampled :

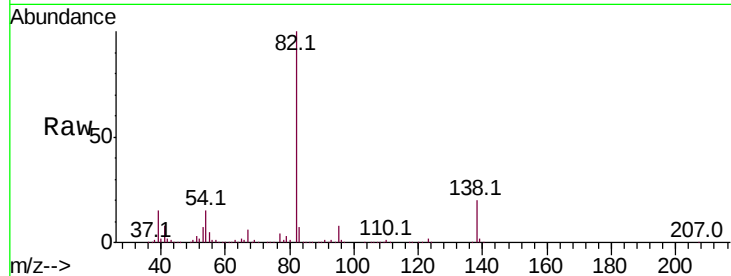
Tot Ion: 82 Resp: 779407

Ion Ratio Lower Upper

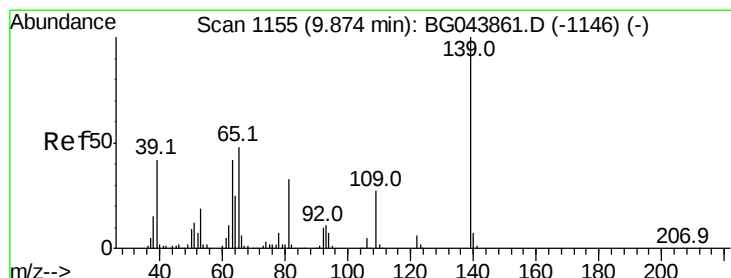
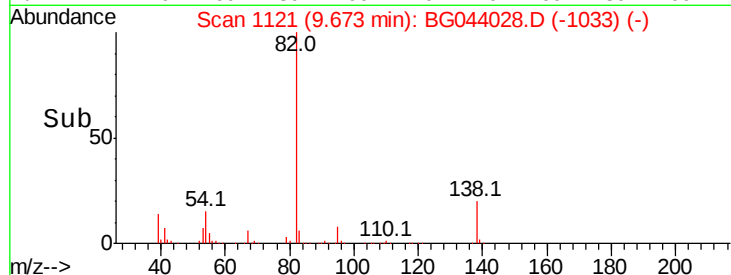
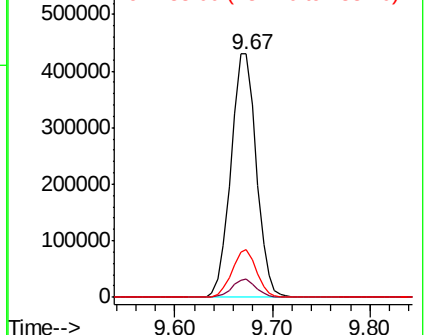
82 100

95 7.5 5.8 8.6

138 19.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.581 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

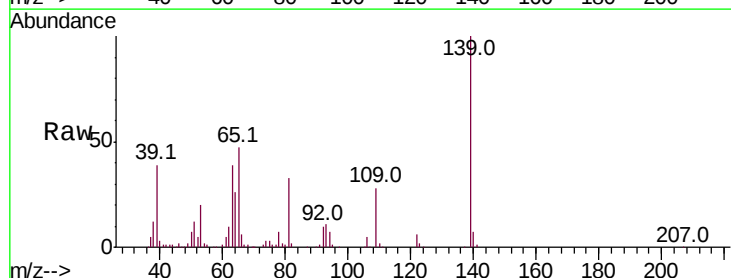
Tgt Ion: 139 Resp: 226379

Ion Ratio Lower Upper

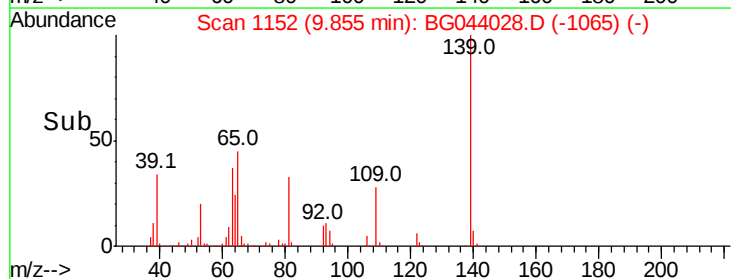
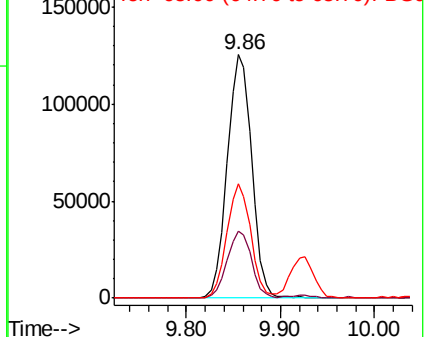
139 100

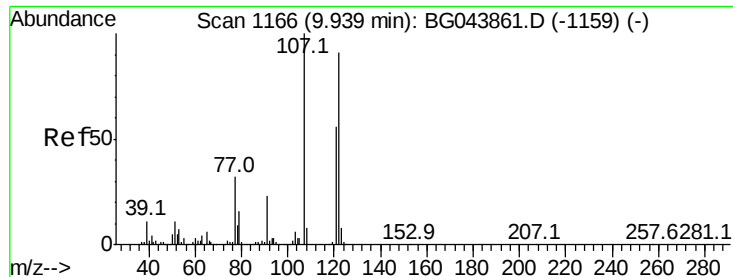
109 27.6 21.3 31.9

65 46.8 38.6 57.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 59.078 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

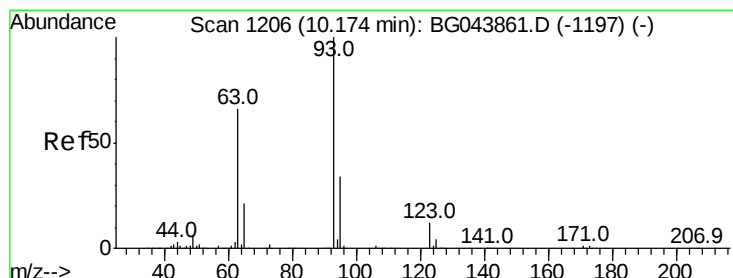
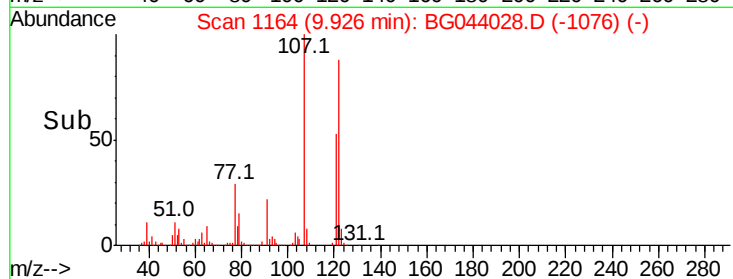
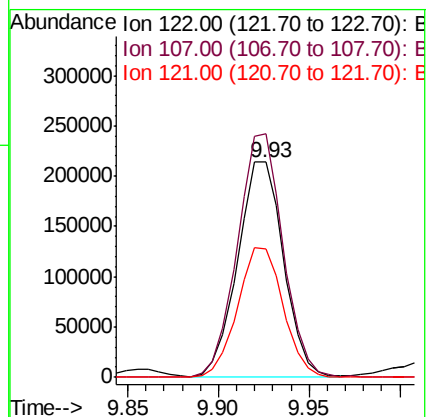
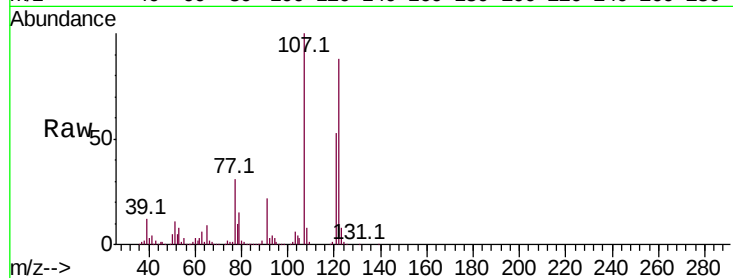
Tot Ion:122 Resp: 375729

Ion Ratio Lower Upper

122 100

107 113.0 88.0 132.0

121 59.4 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.922 ng

RT: 10.15 min Scan# 1203

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

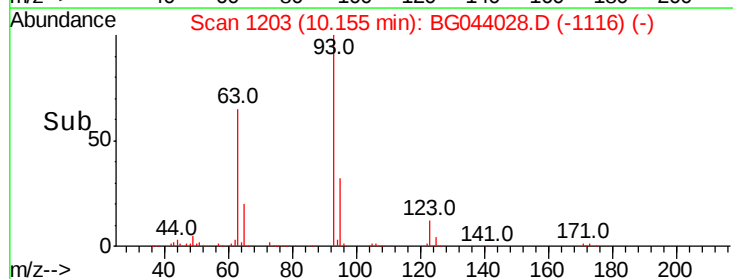
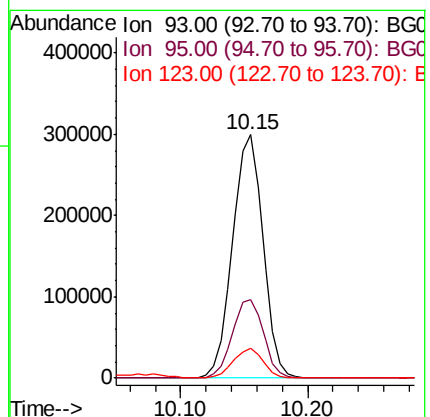
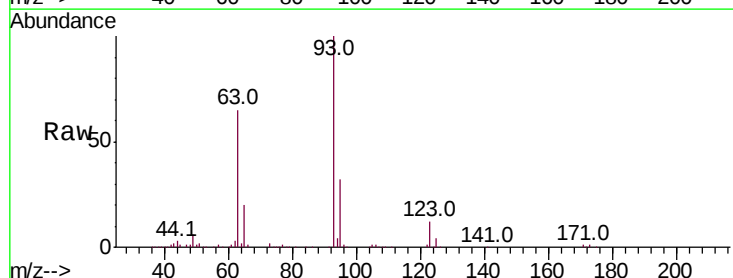
Tgt Ion: 93 Resp: 495335

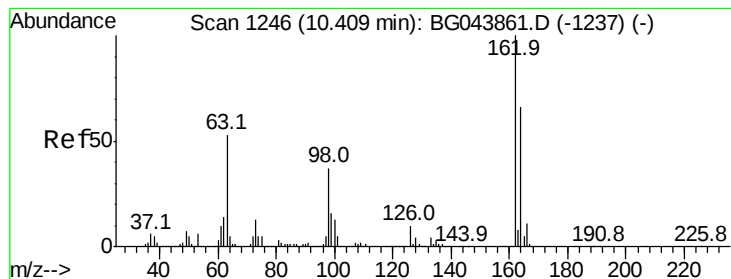
Ion Ratio Lower Upper

93 100

95 32.3 27.2 40.8

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 51.451 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

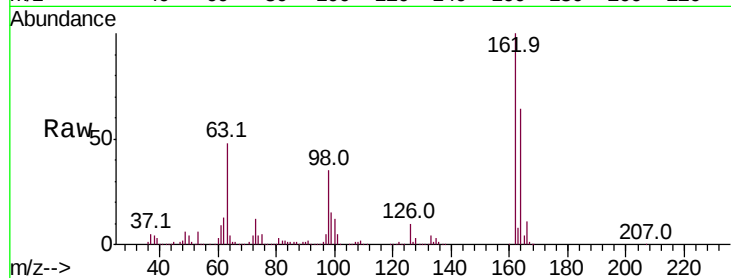
Tot Ion:162 Resp: 390325

Ion Ratio Lower Upper

162 100

164 63.8 46.3 86.3

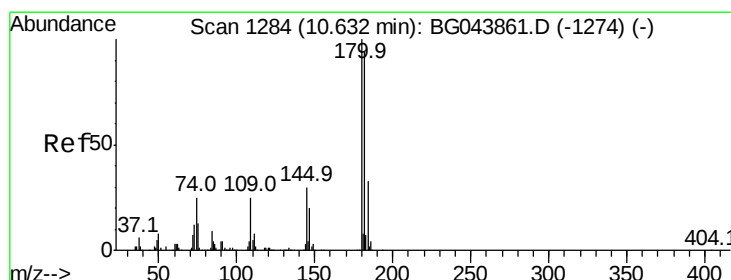
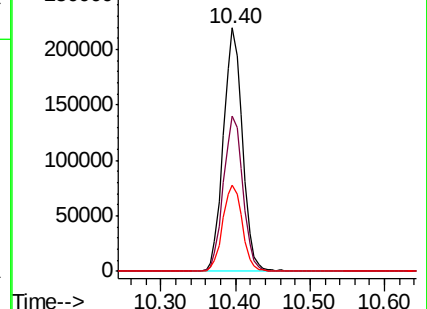
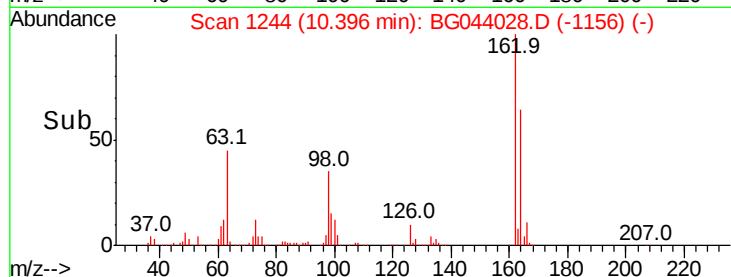
98 35.3 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 46.433 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

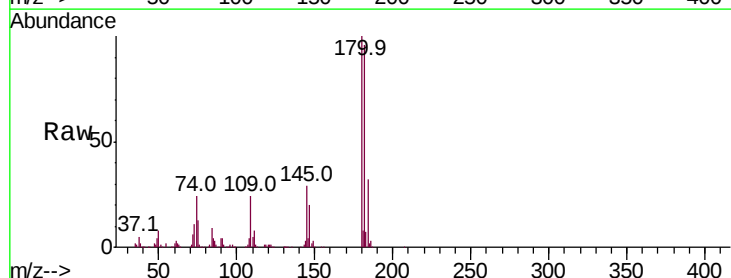
Tgt Ion:180 Resp: 394966

Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.4

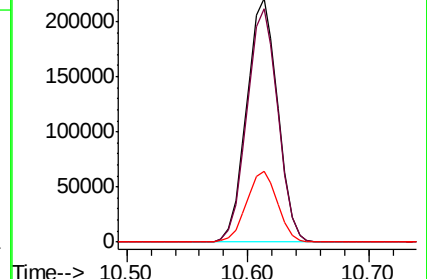
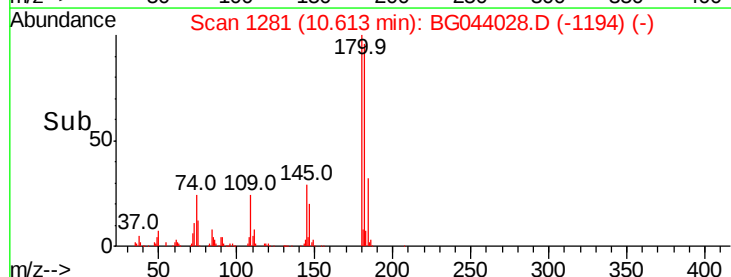
145 29.3 24.2 36.4

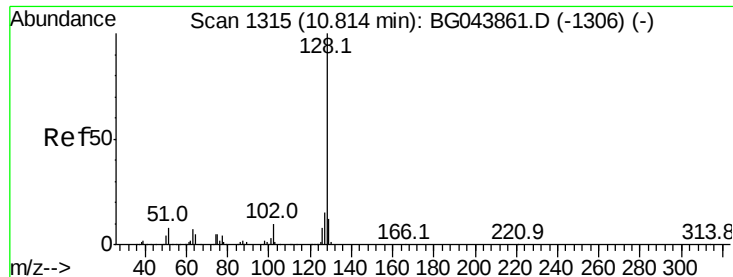


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

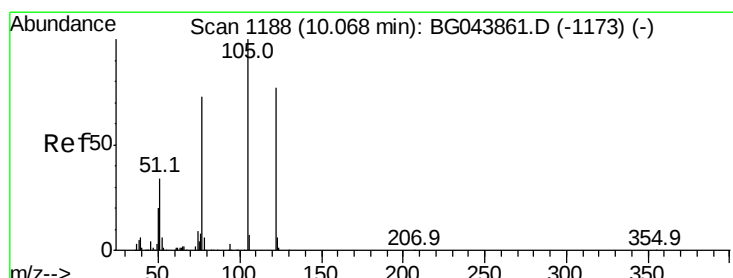
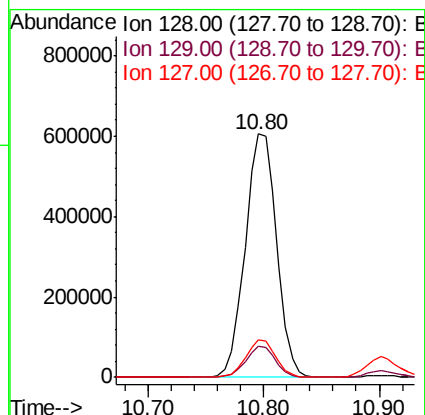
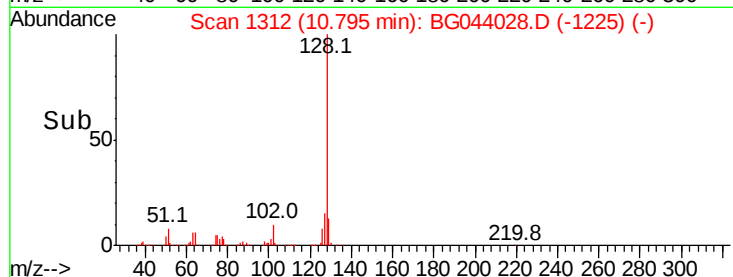
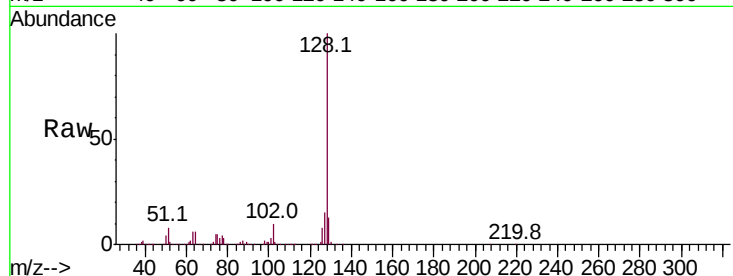




#31
Naphthalene
Concen: 48.992 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

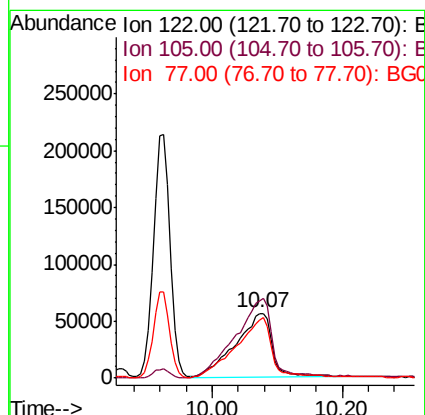
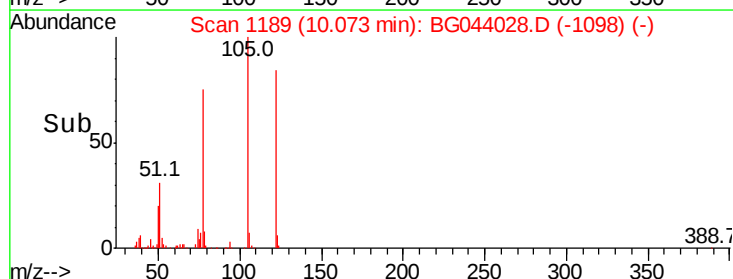
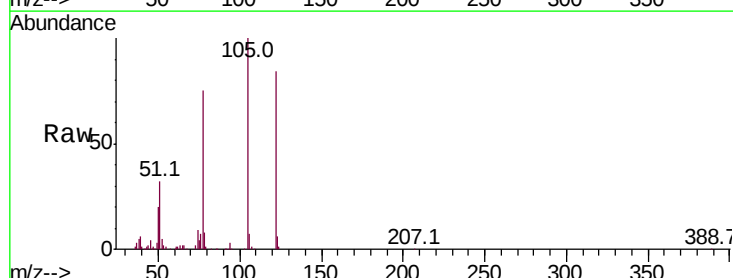
Instrument :
BNA_G
ClientSampleId :

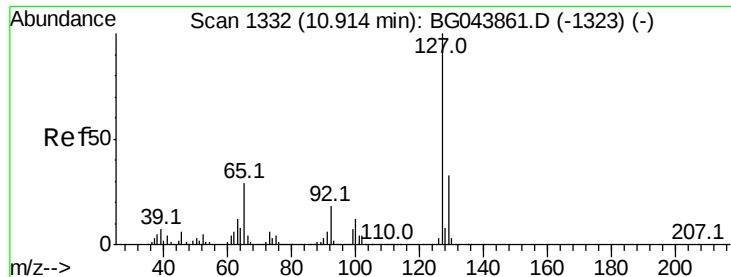
Tot Ion:128 Resp: 1143554
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 15.2 12.0 18.0



#32
Benzoic acid
Concen: 43.111 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:122 Resp: 219486
Ion Ratio Lower Upper
122 100
105 118.4 106.4 146.4
77 88.6 74.6 114.6

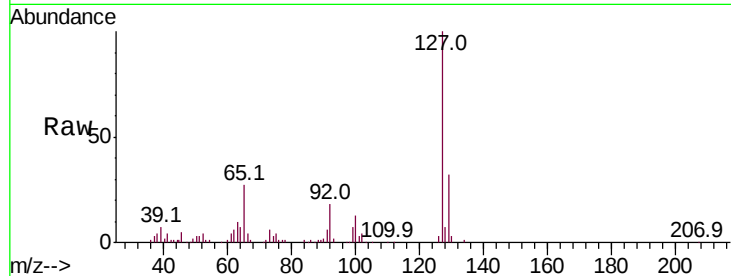




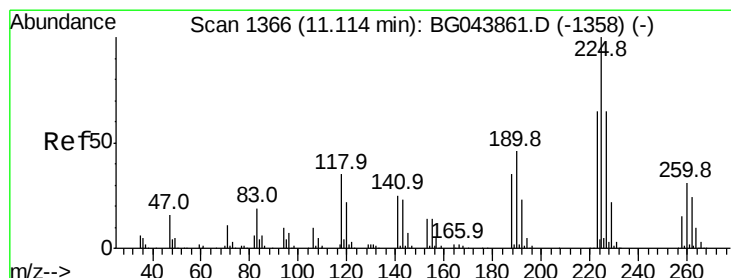
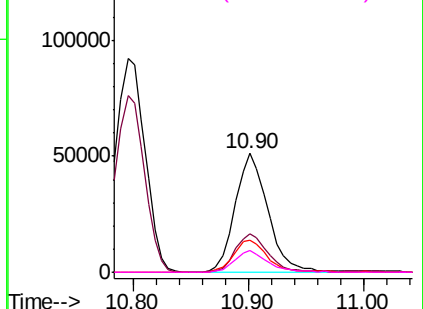
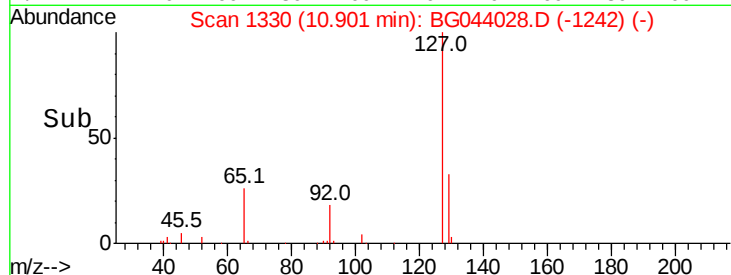
#33
4-Chloroaniline
Concen: 8.966 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	99818
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	26.7	23.3	34.9
92	18.1	14.7	22.1

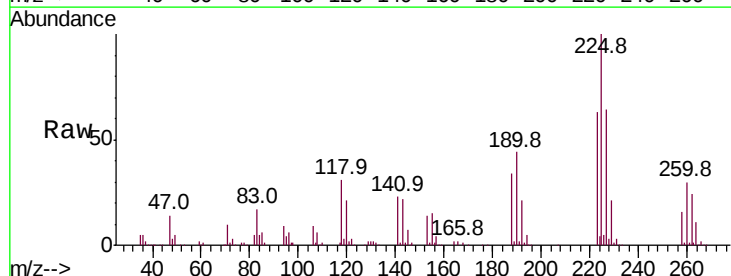


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

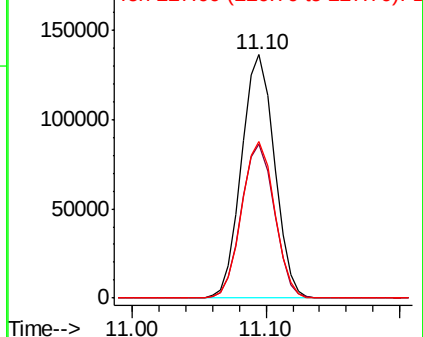
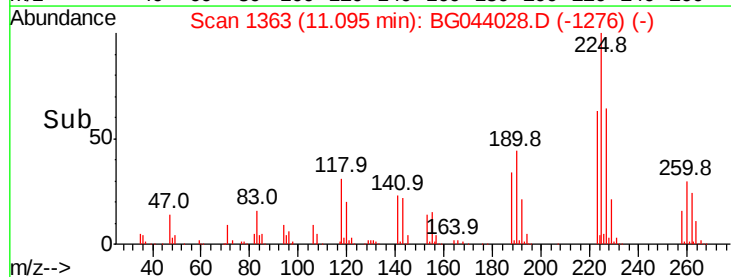


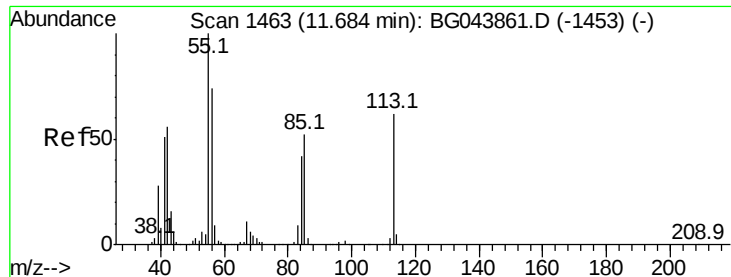
#34
Hexachlorobutadiene
Concen: 44.699 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:	225	Resp:	232140
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	64.4	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: 34.287 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

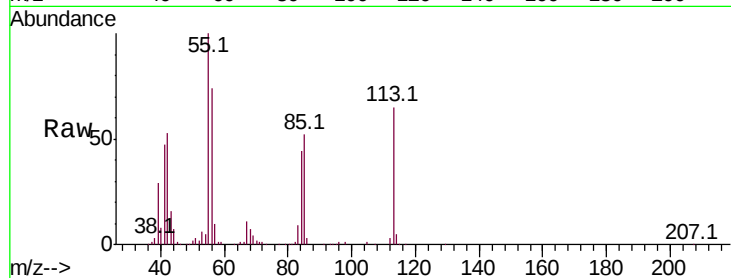
Tot Ion:113 Resp: 96832

Ion Ratio Lower Upper

113 100

55 153.8 142.5 182.5

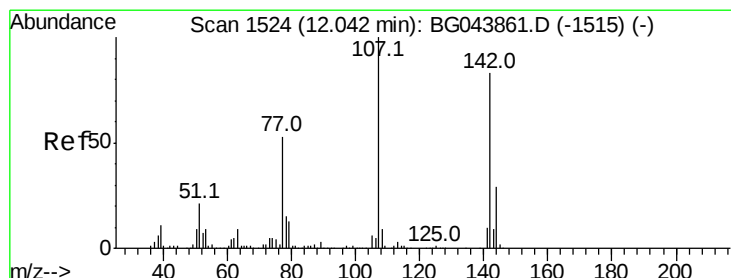
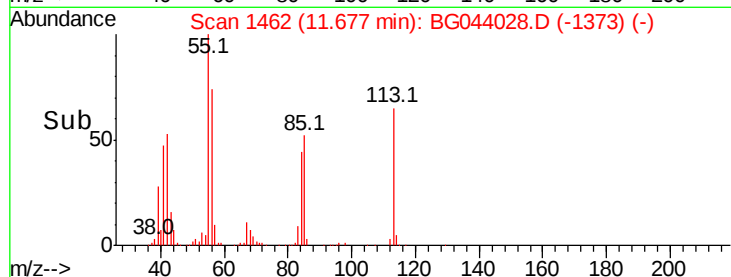
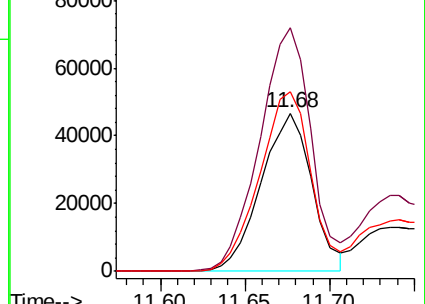
56 113.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.987 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

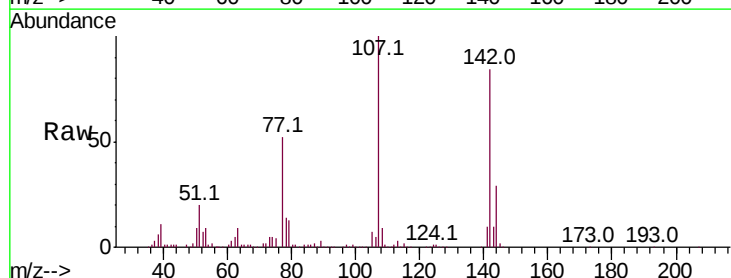
Tgt Ion:107 Resp: 411772

Ion Ratio Lower Upper

107 100

144 28.8 23.4 35.2

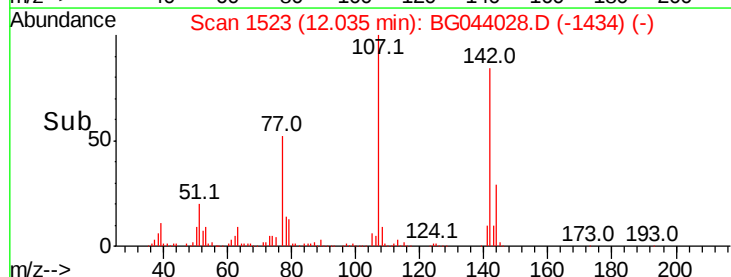
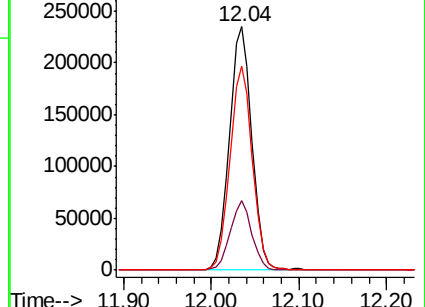
142 83.8 66.3 99.5

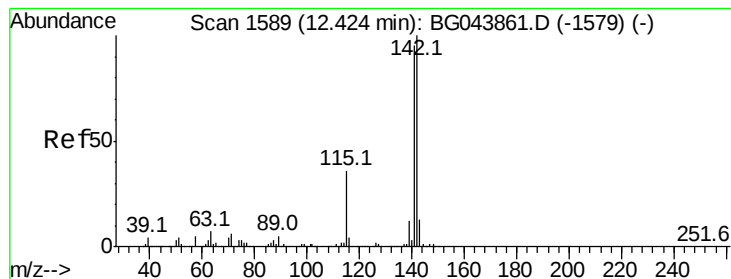


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.436 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

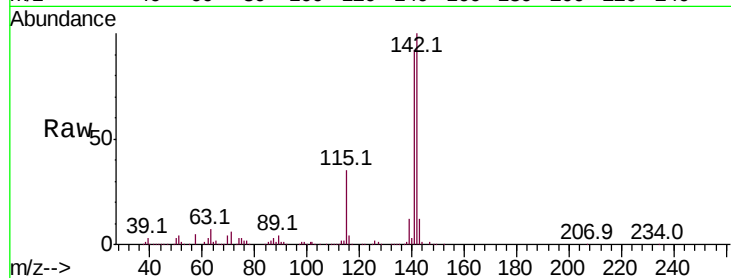
Tot Ion:142 Resp: 851161

Ion Ratio Lower Upper

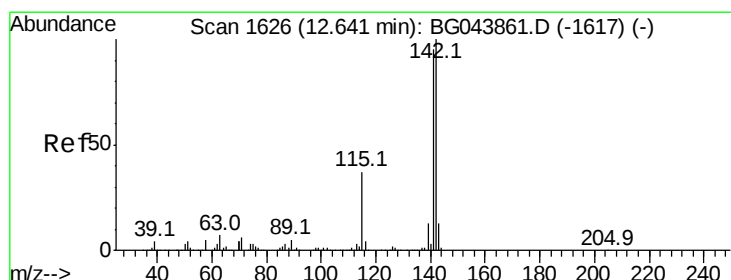
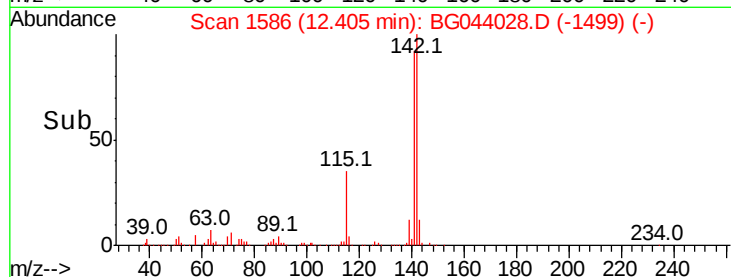
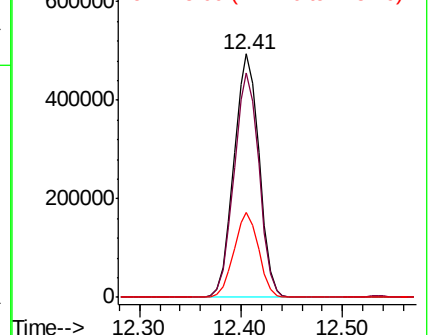
142 100

141 91.9 75.8 113.8

115 34.8 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.599 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

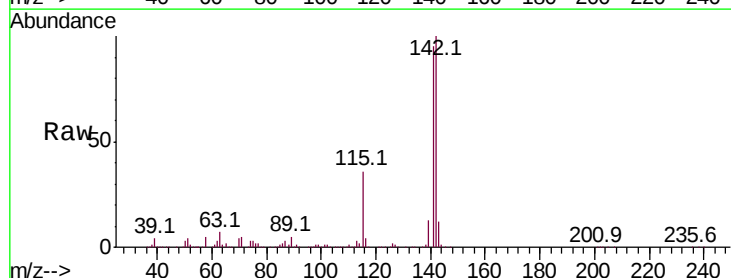
Tgt Ion:142 Resp: 809414

Ion Ratio Lower Upper

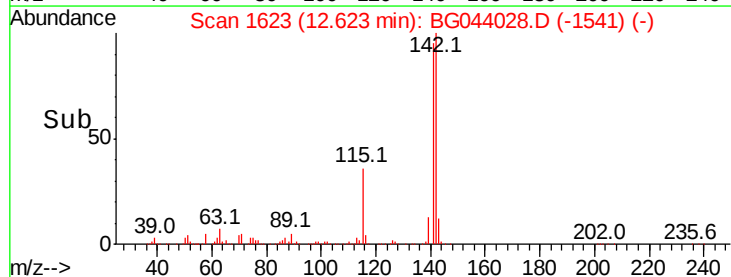
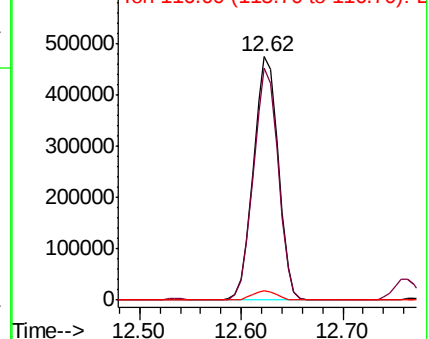
142 100

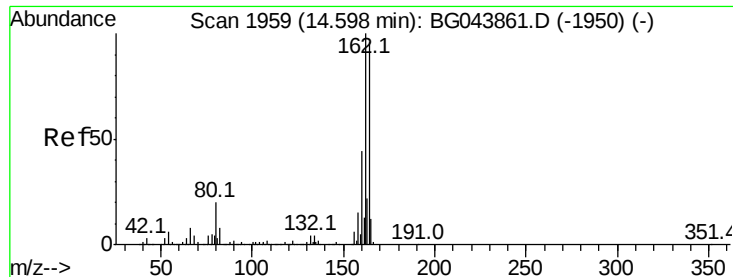
141 95.3 76.0 114.0

116 4.1 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

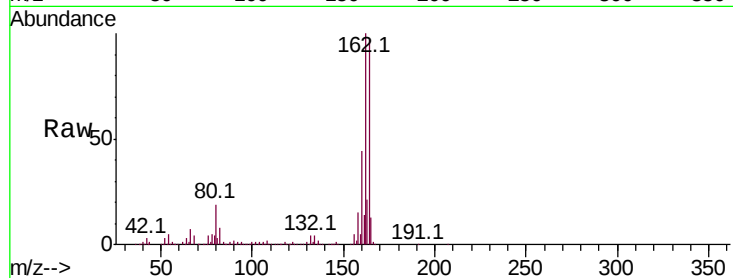
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 308220

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.4
160	44.9	36.1	54.1

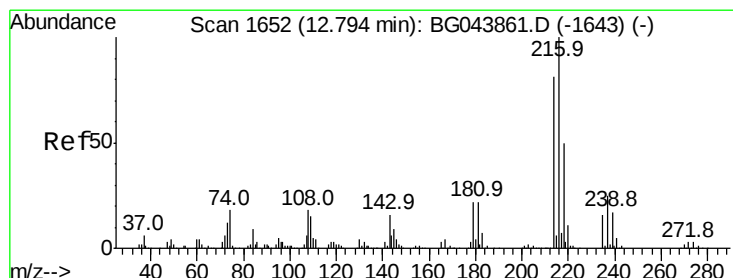
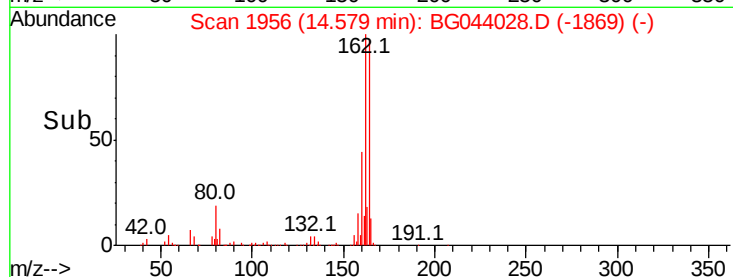
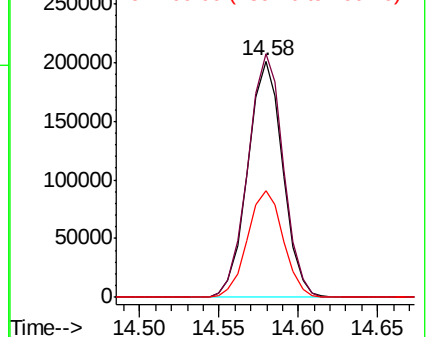


Abundance

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: 44.907 ng

RT: 12.78 min Scan# 1649

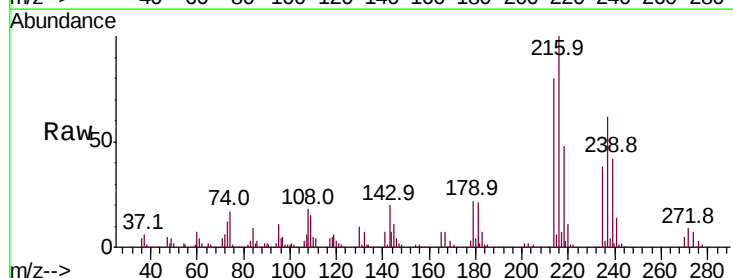
Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:216 Resp: 405691

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	21.5	17.3	25.9
108	20.6	15.3	22.9



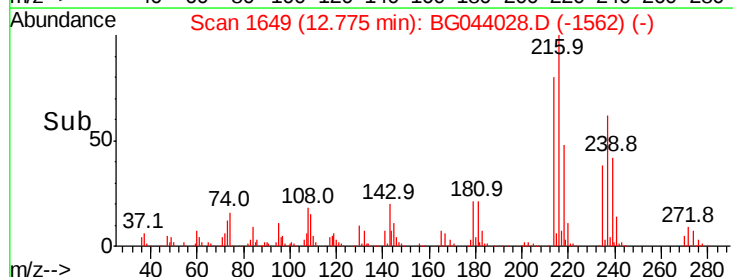
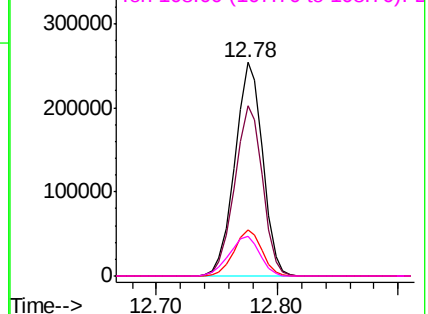
Abundance

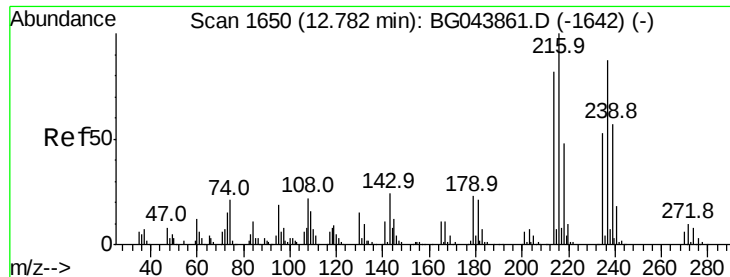
Ion 216.00 (215.70 to 216.70): E

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: 110.787 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

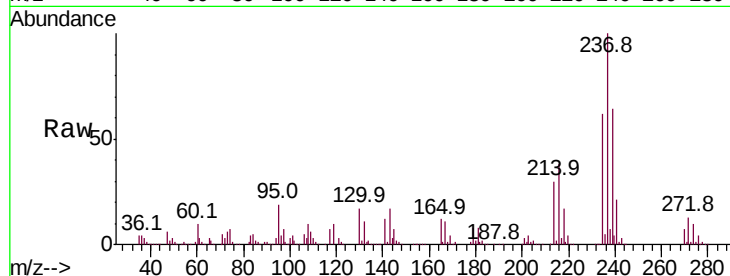
Tot Ion:237 Resp: 518874

Ion Ratio Lower Upper

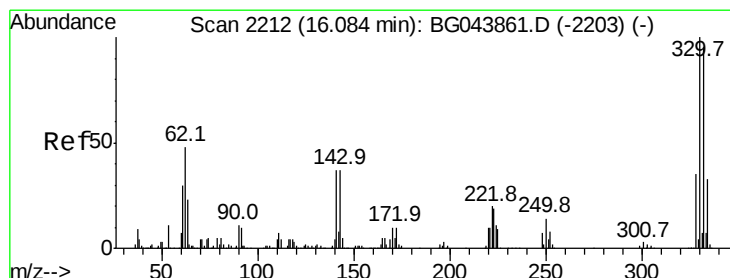
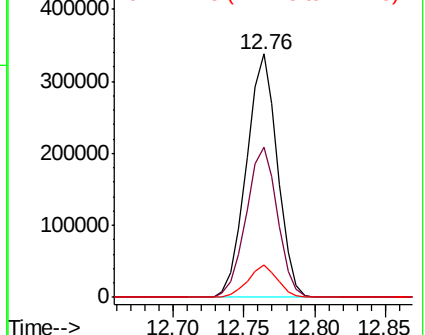
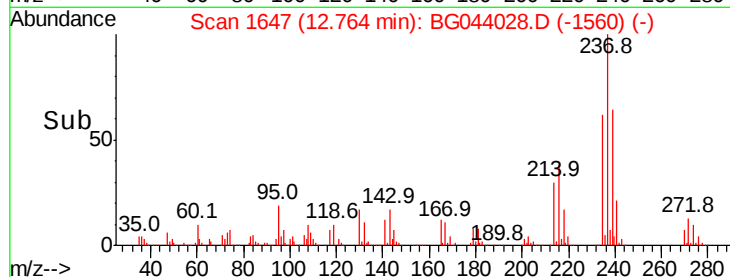
237 100

235 61.8 41.1 81.1

272 13.4 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: 141.700 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

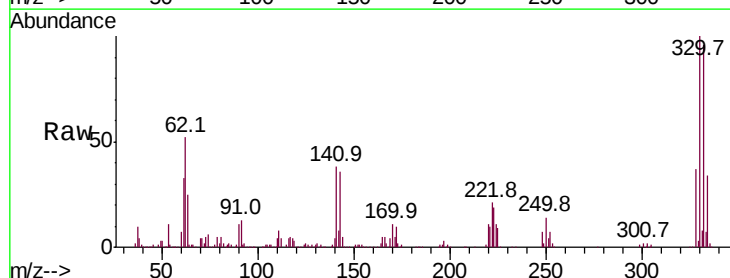
Tgt Ion:330 Resp: 457049

Ion Ratio Lower Upper

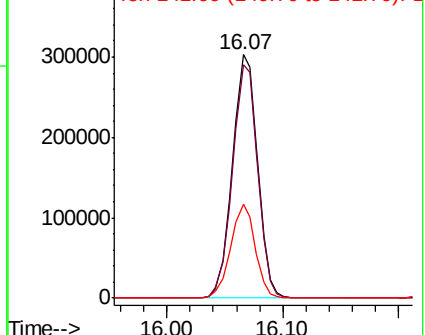
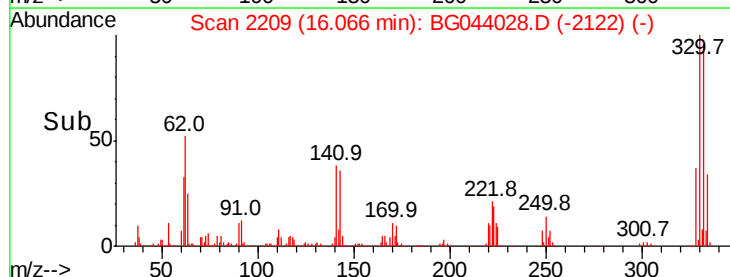
330 100

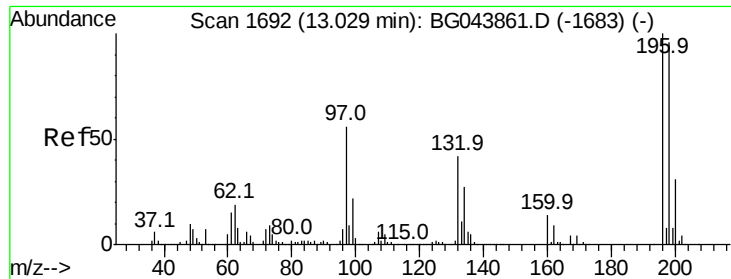
332 96.2 77.2 115.8

141 37.8 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

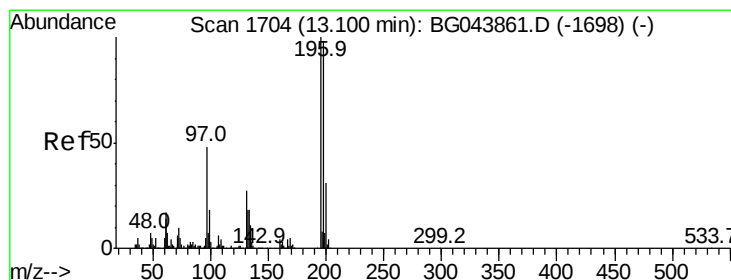
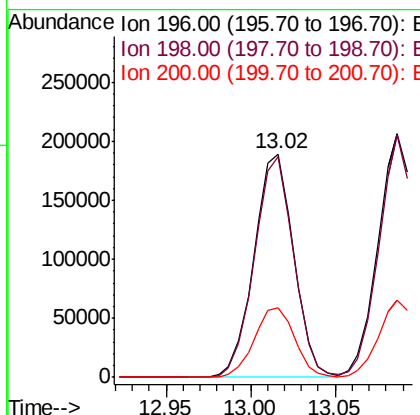
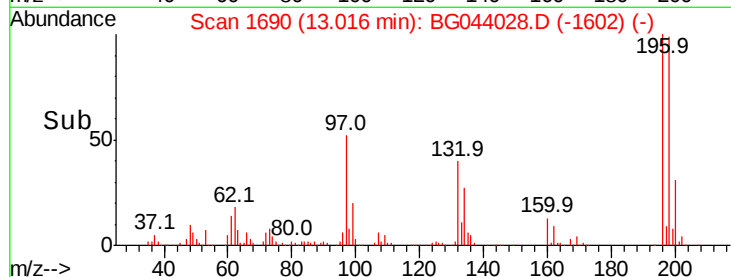
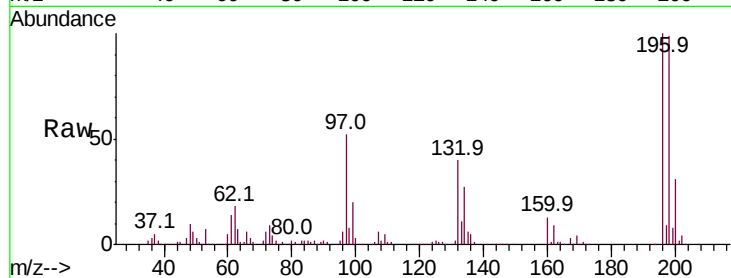




#43
 2,4,6-Trichlorophenol
 Concen: 49.593 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

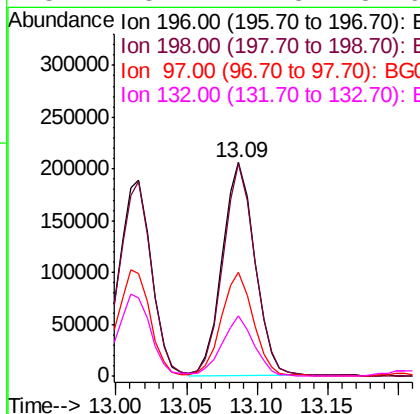
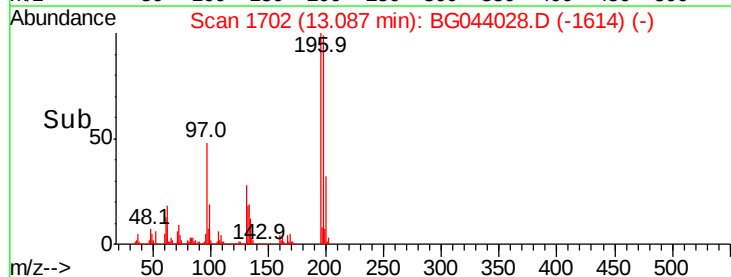
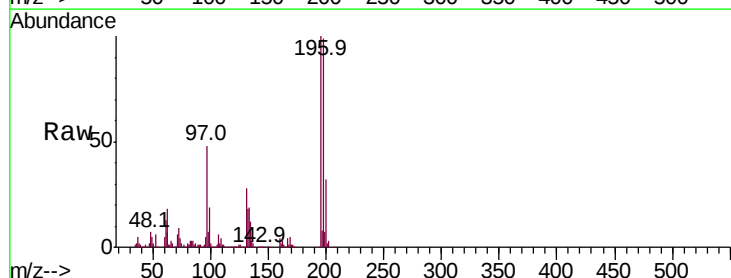
Instrument :
 BNA_G
 ClientSampleId :

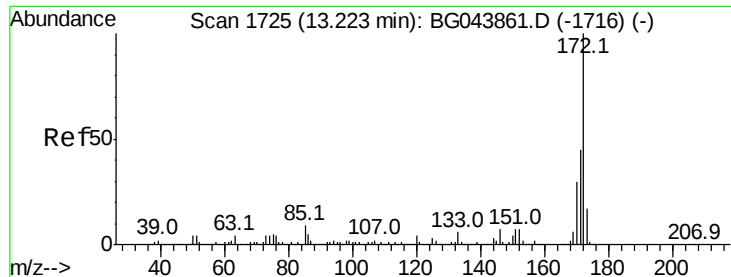
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.6	115.0
200	31.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 51.796 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.3	117.5
97	48.4	38.8	58.2
132	28.4	21.3	31.9



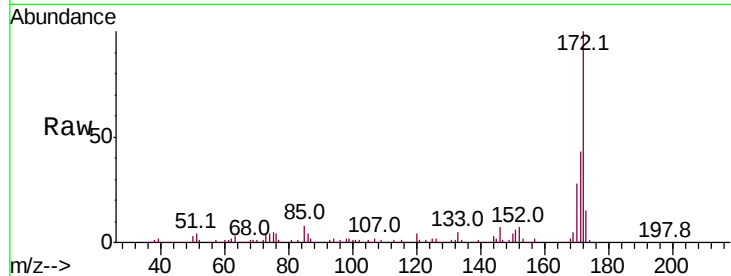


#45
 2-Fluorobiphenyl
 Concen: 89.050 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

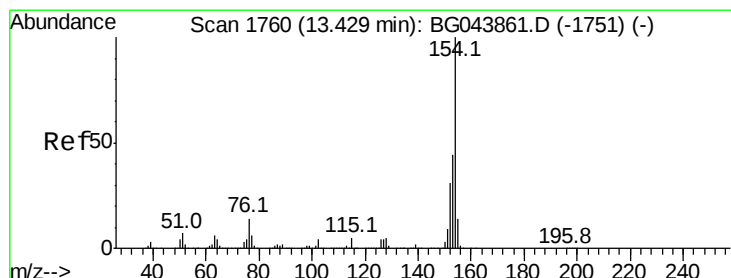
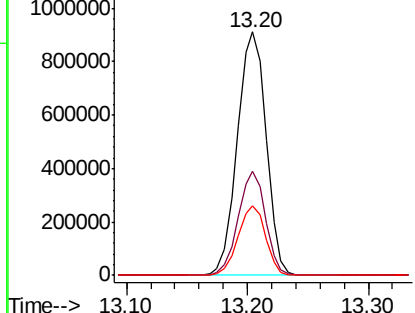
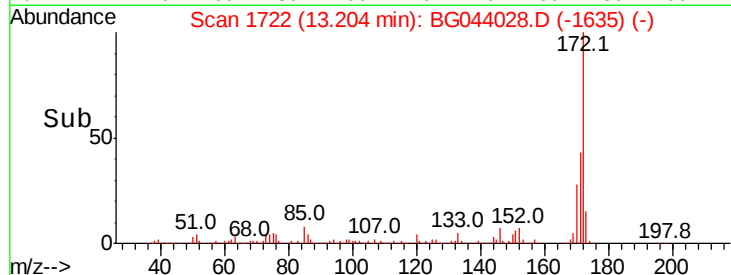
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1514925

Ion	Ratio	Lower	Upper
172	100		
171	42.5	35.8	53.8
170	28.5	24.2	36.4



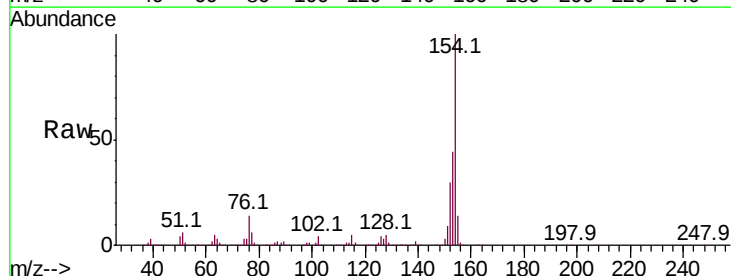
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



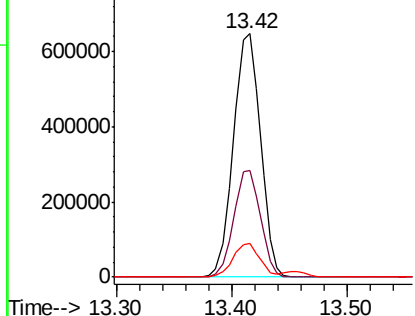
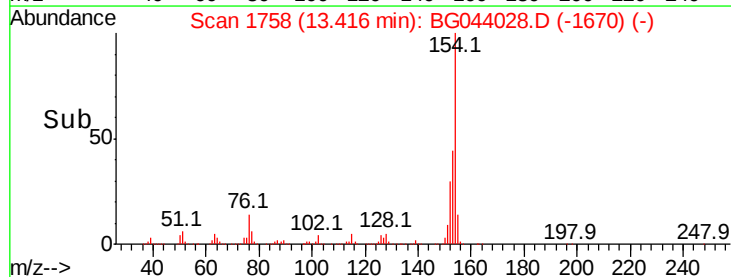
#46
 1,1'-Biphenyl
 Concen: 47.602 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

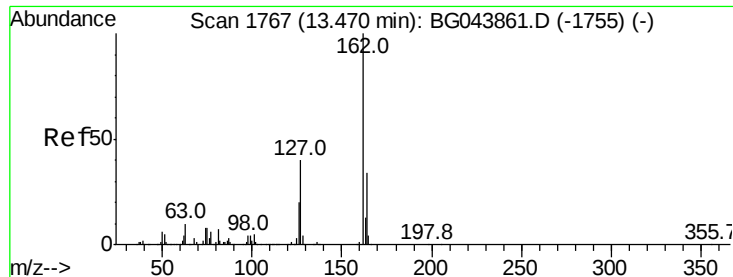
Tgt Ion:154 Resp: 1051953

Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.6	63.6
76	13.6	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): BG

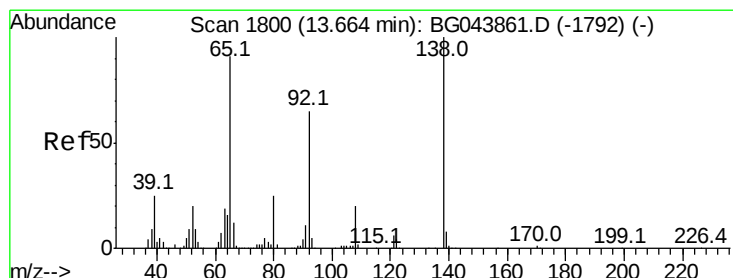
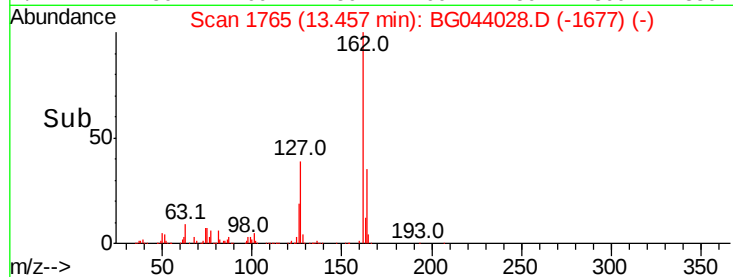
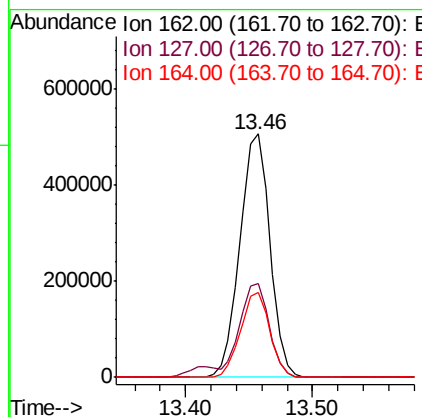
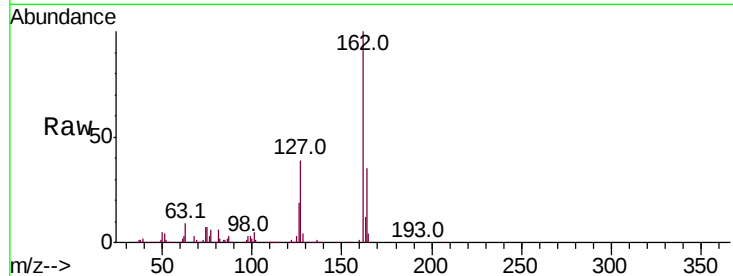




#47
 2-Chloronaphthalene
 Concen: 46.437 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

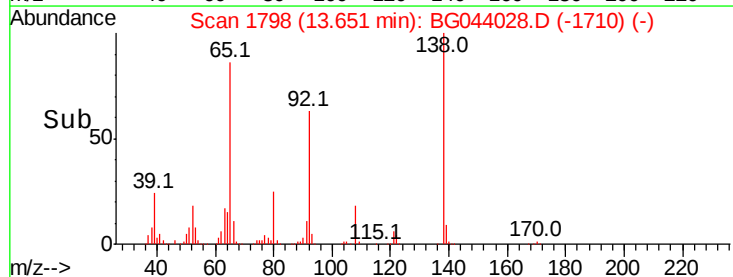
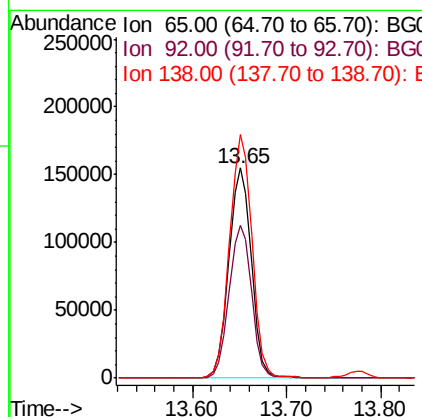
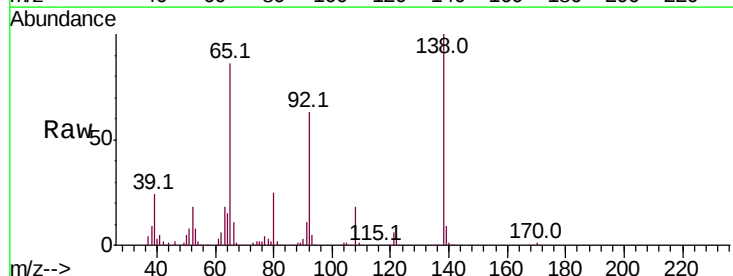
Instrument :
 BNA_G
 ClientSampleId :

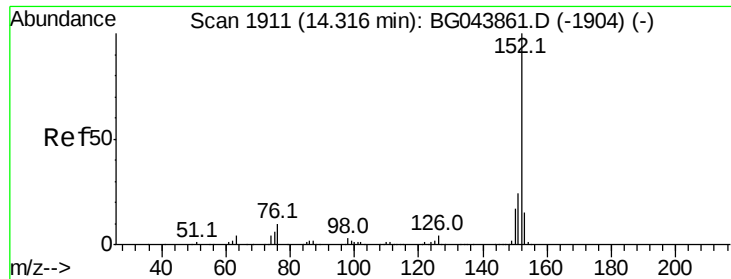
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.1	48.1
164	34.7	27.5	41.3



#48
 2-Nitroaniline
 Concen: 44.816 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.4	86.2
138	116.0	88.2	132.4





#49

Acenaphthylene

Concen: 50.705 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

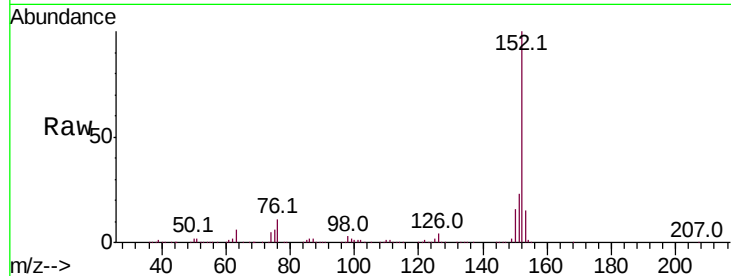
Tot Ion:152 Resp: 1301420

Ion Ratio Lower Upper

152 100

151 23.5 19.4 29.2

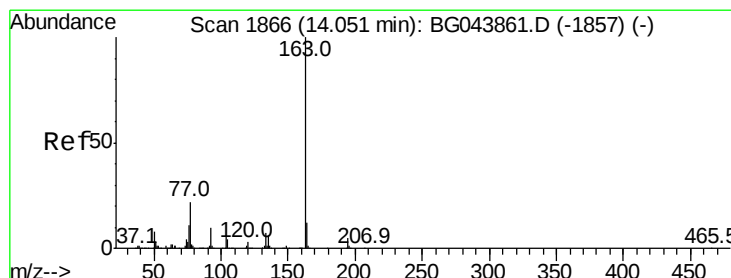
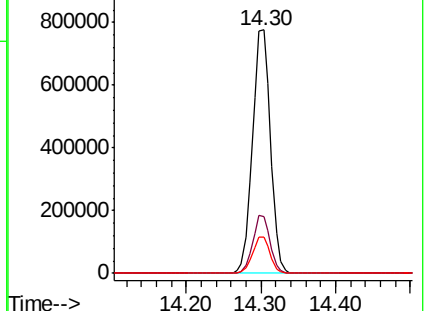
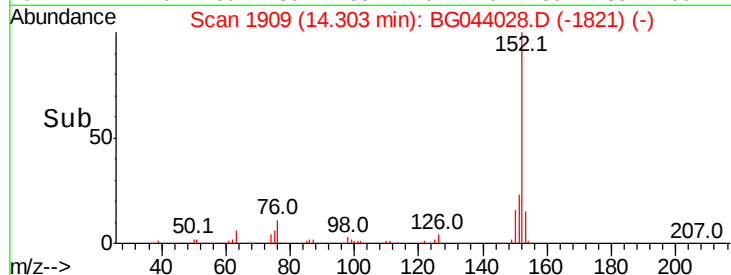
153 15.0 12.0 18.0



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: 54.565 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

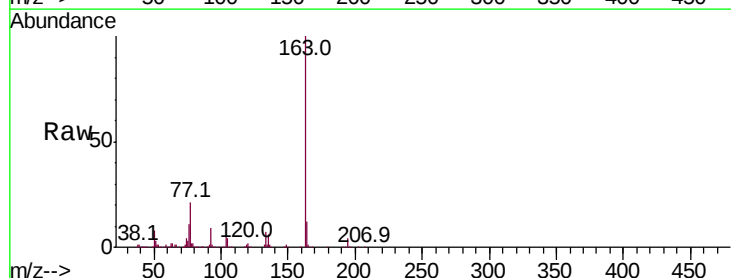
Tgt Ion:163 Resp: 1194148

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

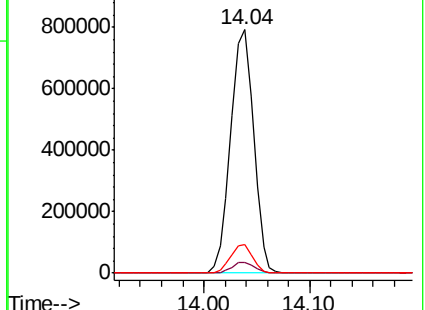
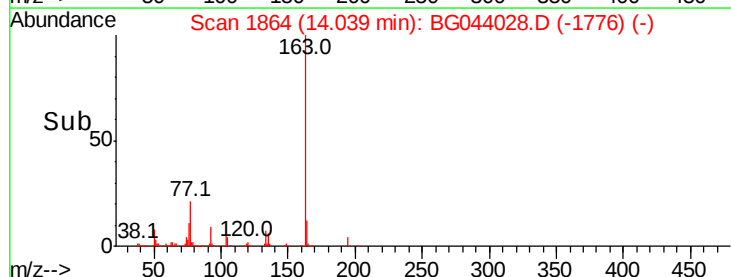
164 11.7 9.3 13.9

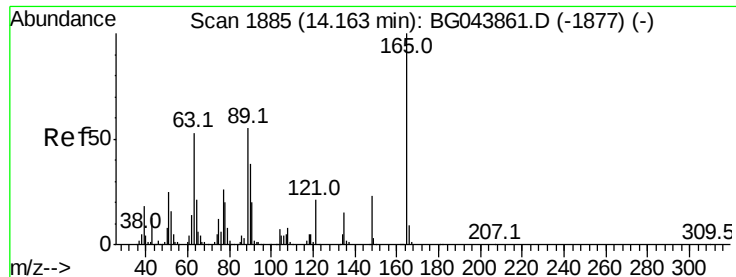


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

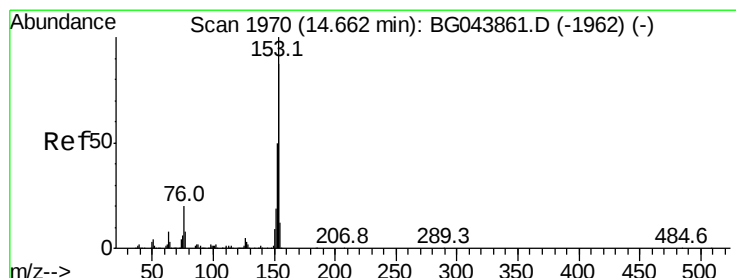
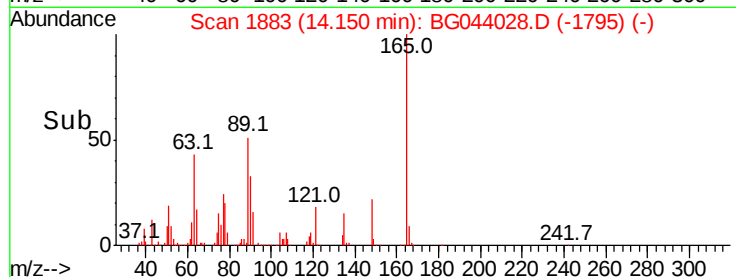
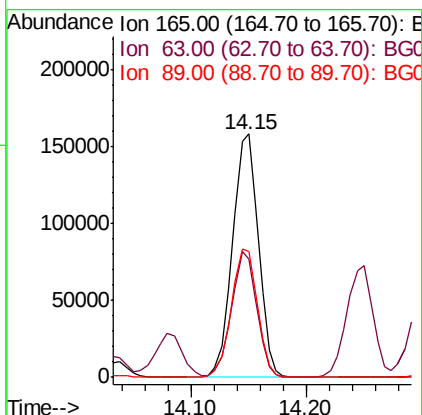
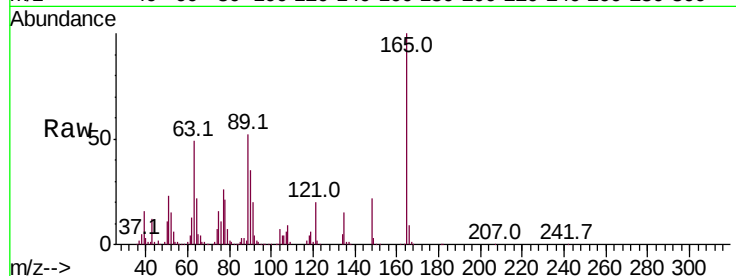




#51
2,6-Dinitrotoluene
Concen: 49.565 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

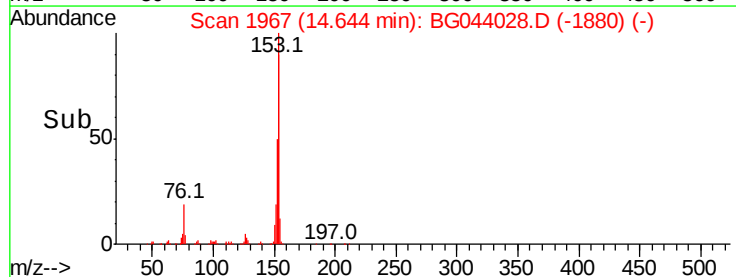
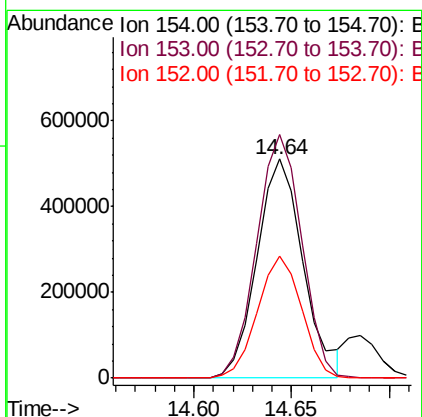
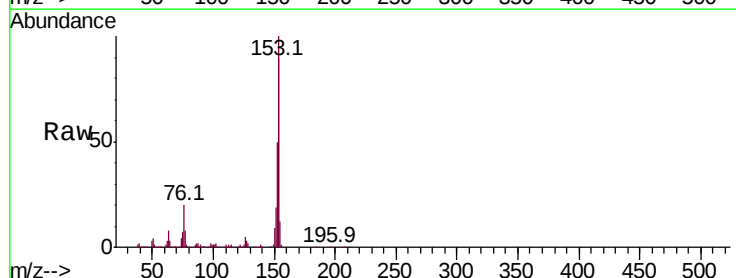
Instrument :
BNA_G
ClientSampleId :

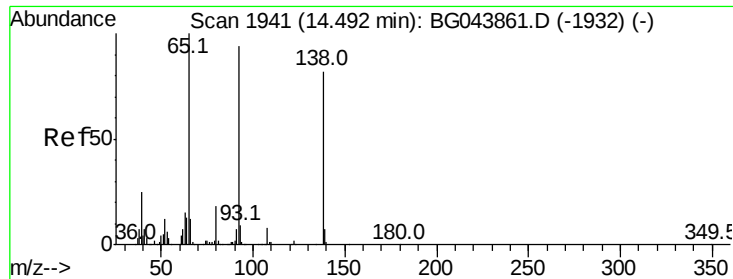
Tot Ion:165 Resp: 245175
Ion Ratio Lower Upper
165 100
63 48.7 43.1 64.7
89 51.8 43.8 65.6



#52
Acenaphthene
Concen: 46.518 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:154 Resp: 837294
Ion Ratio Lower Upper
154 100
153 111.3 91.6 137.4
152 56.0 45.4 68.0





#53

3-Nitroaniline

Concen: 20.572 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

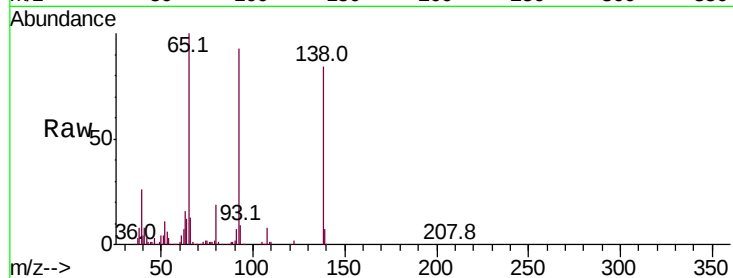
Tot Ion:138 Resp: 115555

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.2

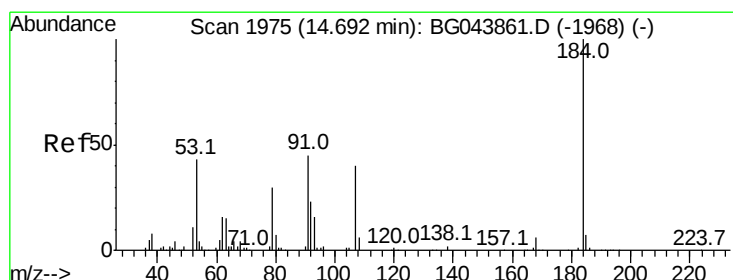
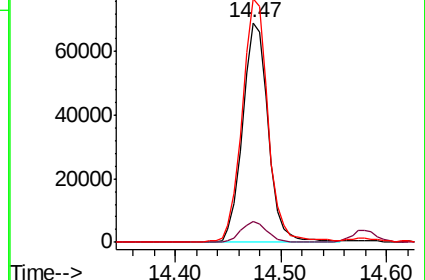
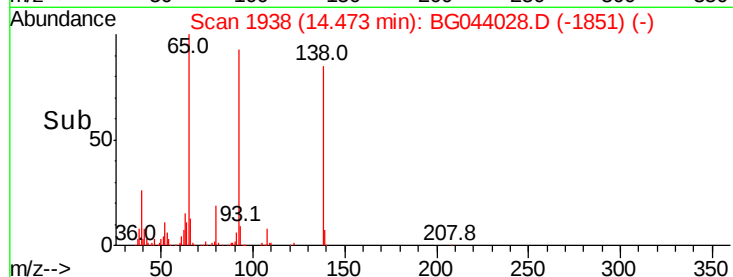
92 110.8 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 104.265 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

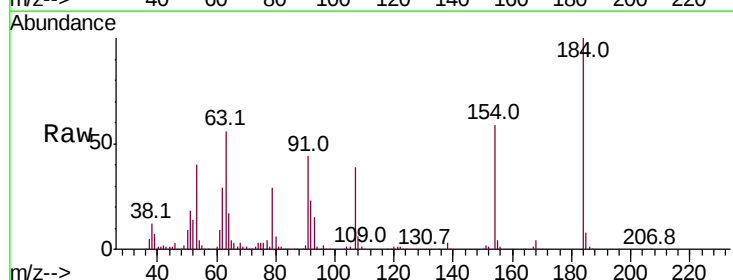
Tgt Ion:184 Resp: 267247

Ion Ratio Lower Upper

184 100

63 56.0 46.6 70.0

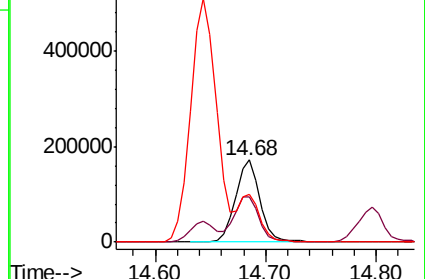
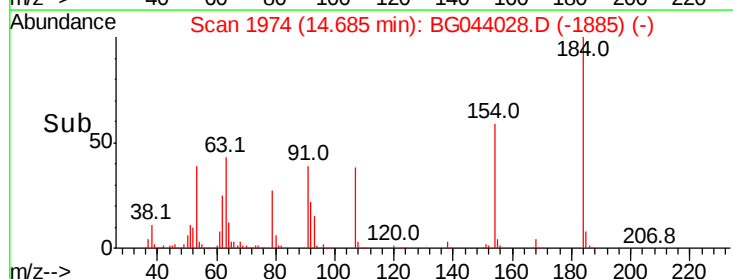
154 58.6 50.2 75.4

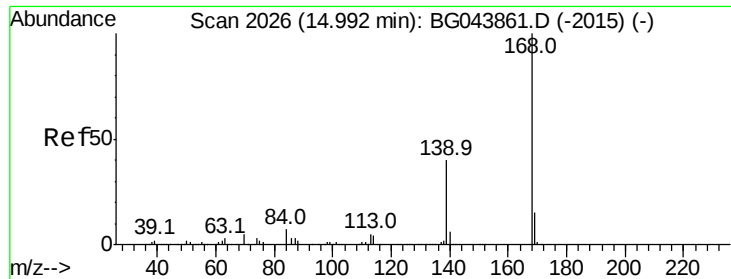


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

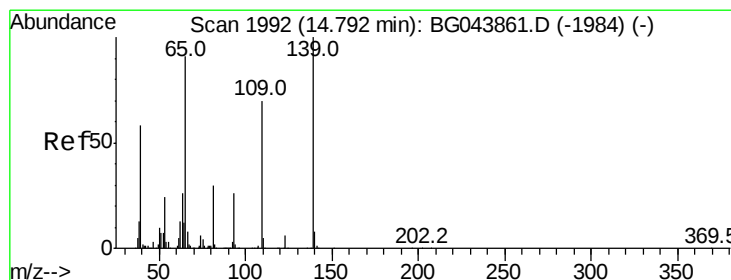
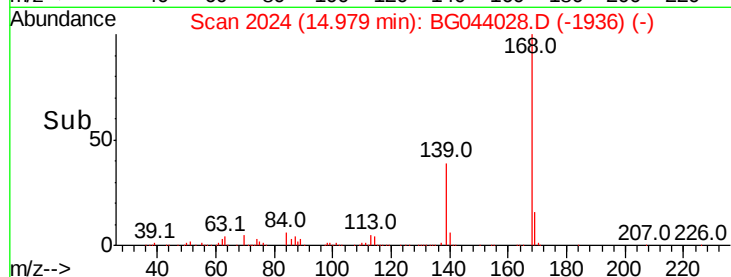
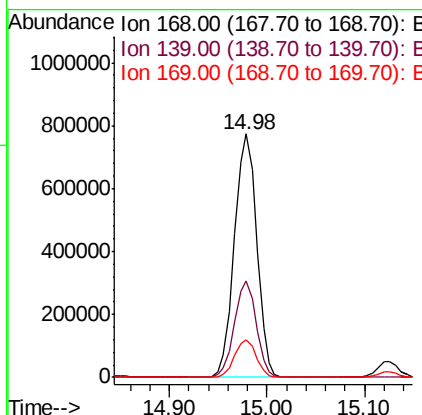
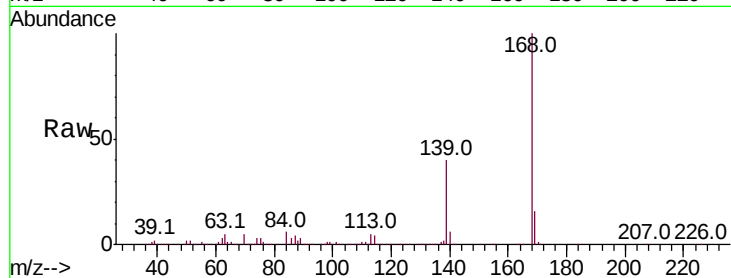




#55
Dibenzenofuran
Concen: 49.564 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

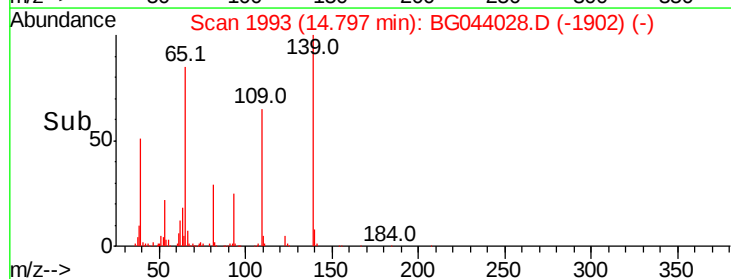
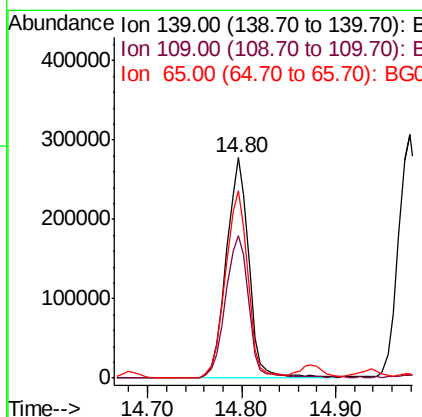
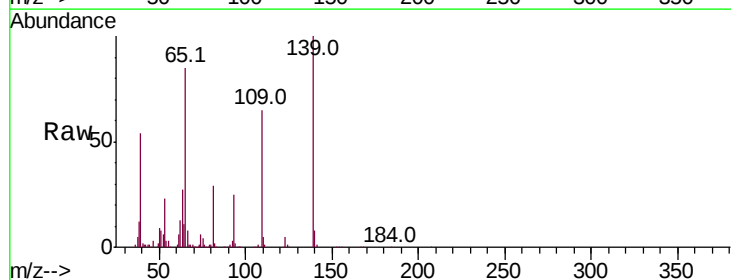
Instrument :
BNA_G
ClientSampleId :

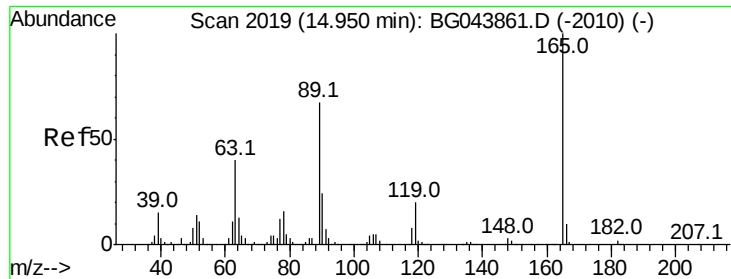
Tot Ion:168 Resp: 1228119
Ion Ratio Lower Upper
168 100
139 39.6 32.2 48.2
169 15.5 12.2 18.2



#56
4-Nitrophenol
Concen: 108.147 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:139 Resp: 465514
Ion Ratio Lower Upper
139 100
109 64.8 50.4 90.4
65 85.2 71.4 111.4

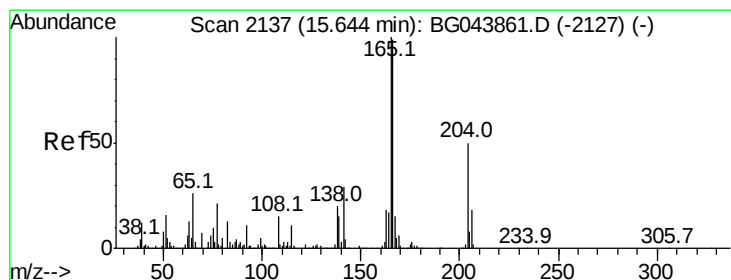
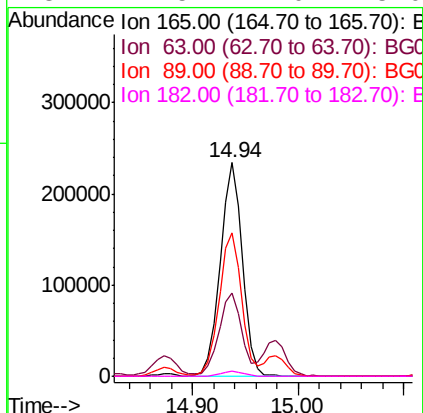
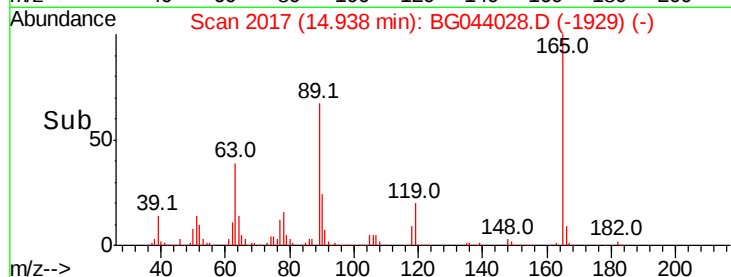
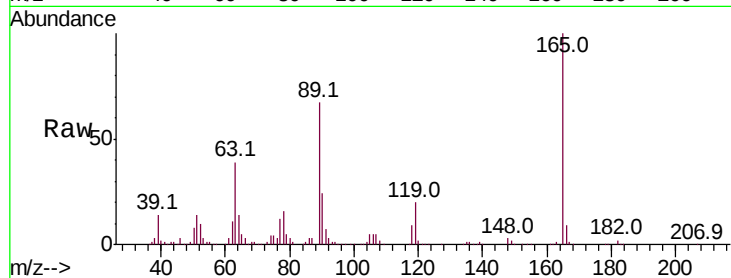




#57
2,4-Dinitrotoluene
Concen: 50.518 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

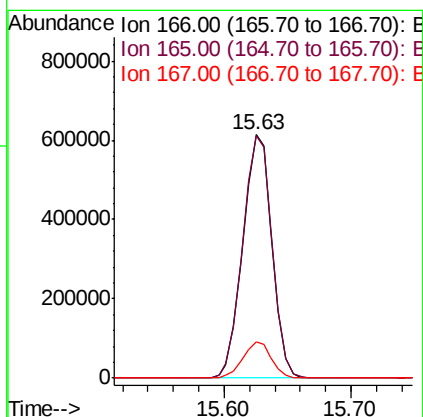
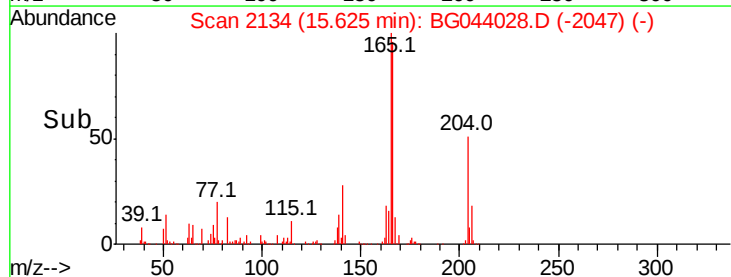
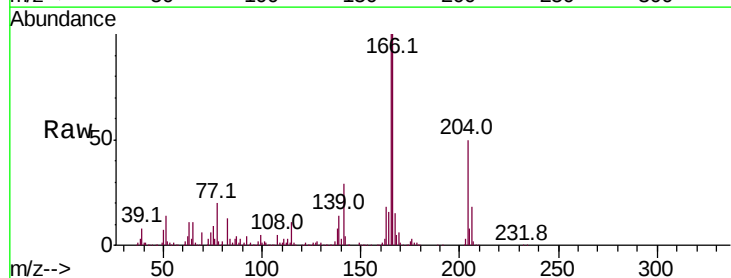
Instrument :
BNA_G
ClientSampleId :

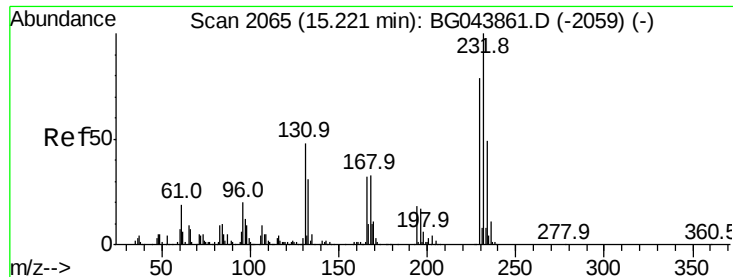
Tot Ion:165 Resp: 340017
Ion Ratio Lower Upper
165 100
63 38.8 31.9 47.9
89 67.1 53.8 80.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 49.635 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:166 Resp: 974794
Ion Ratio Lower Upper
166 100
165 99.6 80.8 121.2
167 15.1 12.1 18.1

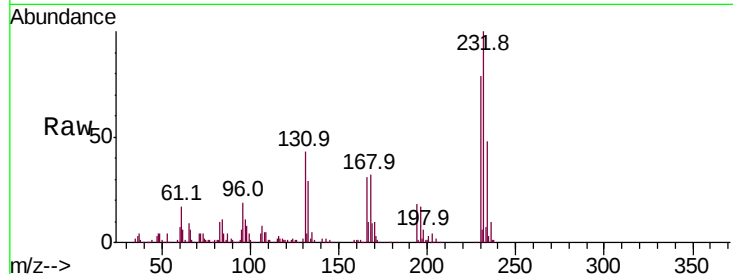




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.952 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	291916
Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.2	57.2
130	2.6	2.2	3.2
166	31.7	26.4	39.6



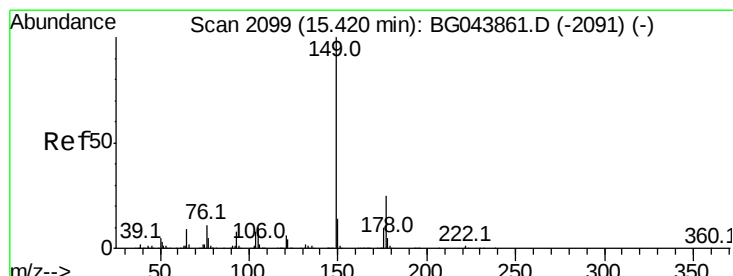
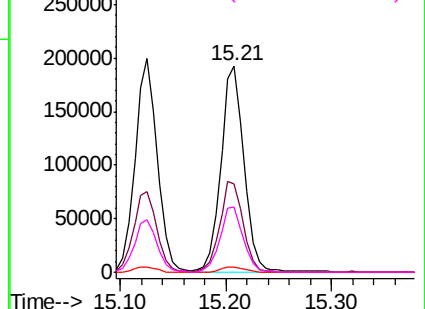
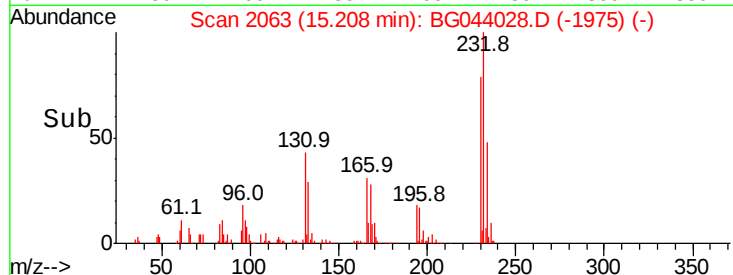
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

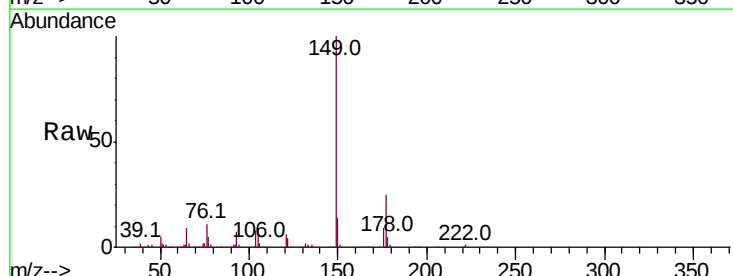
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.679 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion:	149	Resp:	1065549
Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.0	30.0
150	13.8	11.1	16.7

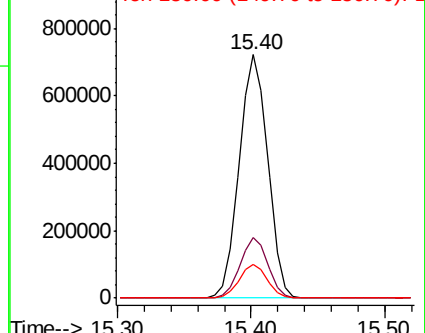
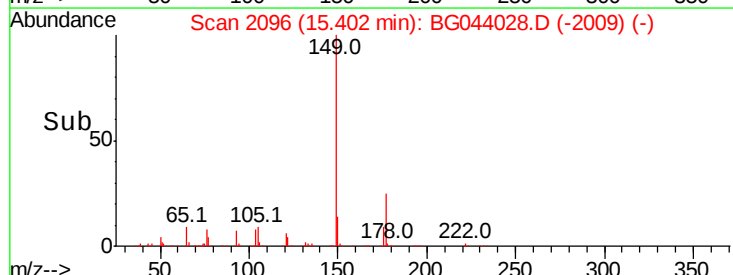


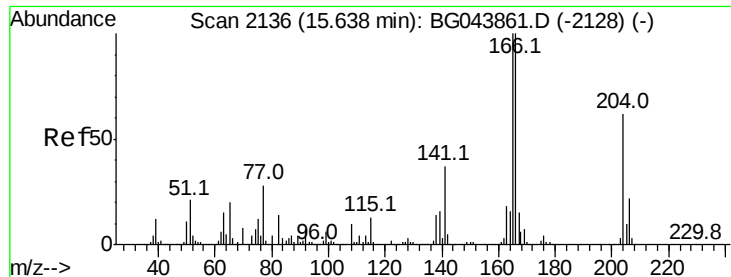
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

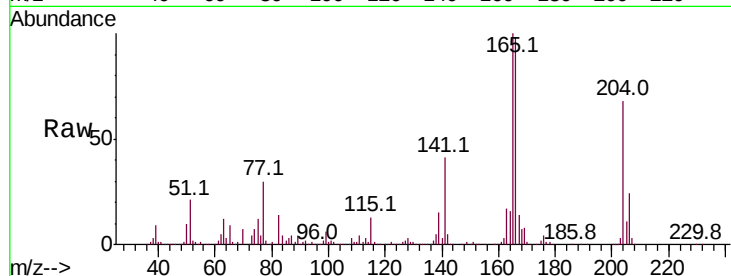




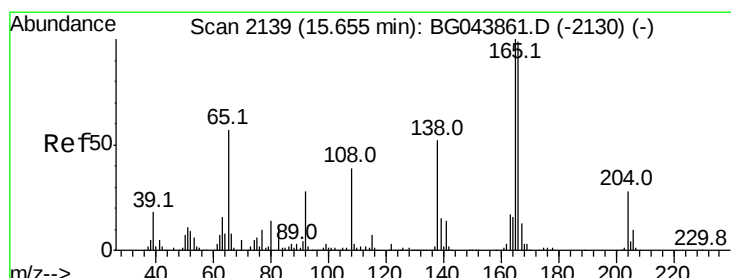
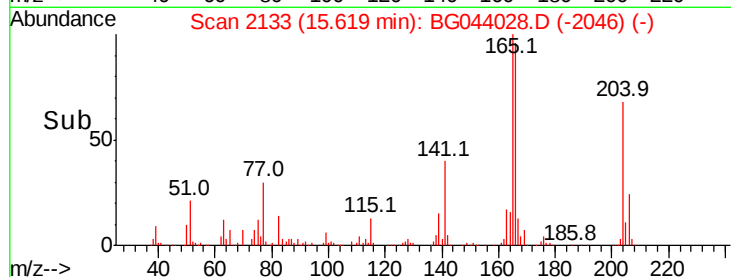
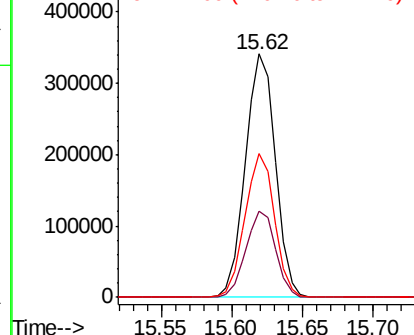
#61
4-Chlorophenyl-phenylether
Concen: 47.597 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 507581
Ion Ratio Lower Upper
204 100
206 35.6 28.2 42.2
141 59.3 48.2 72.2

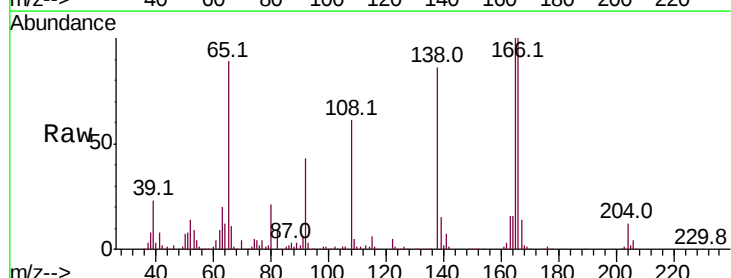


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

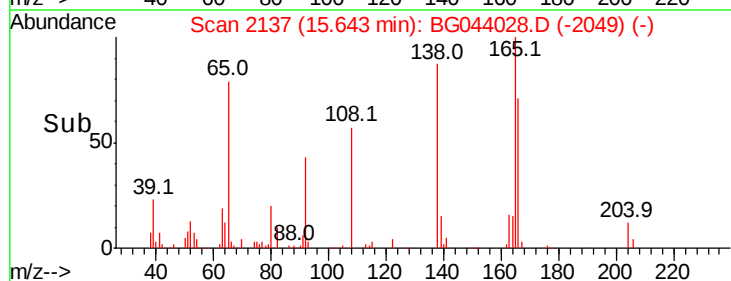
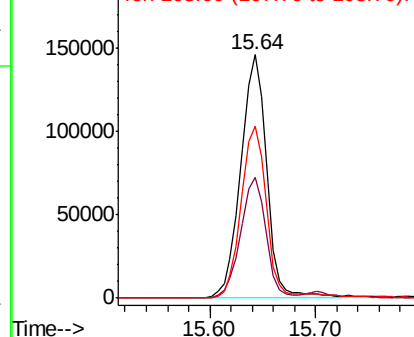


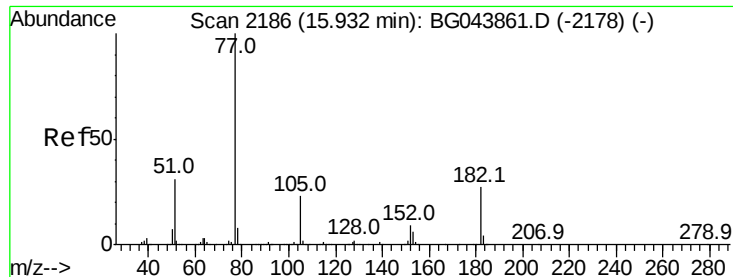
#62
4-Nitroaniline
Concen: 44.679 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:138 Resp: 247835
Ion Ratio Lower Upper
138 100
92 49.3 34.3 74.3
108 70.7 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.419 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 982901

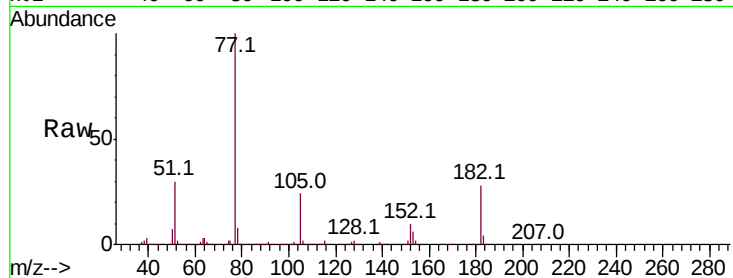
Ion Ratio Lower Upper

77 100

182 28.1 7.3 47.3

105 24.0 3.2 43.2

51 29.9 10.6 50.6

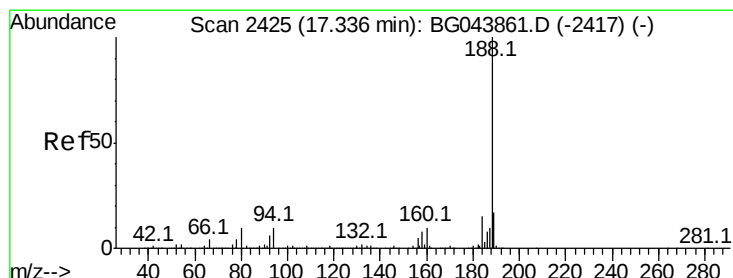
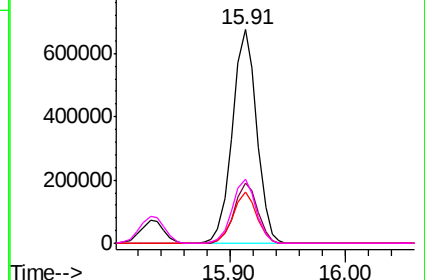
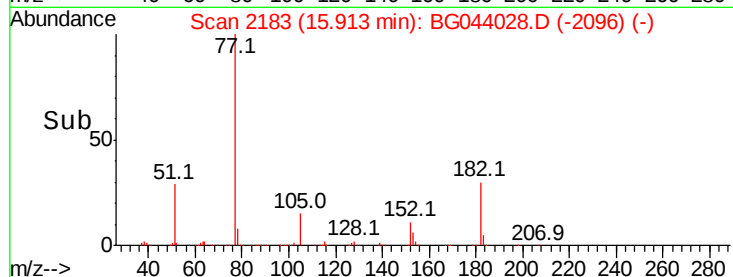


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

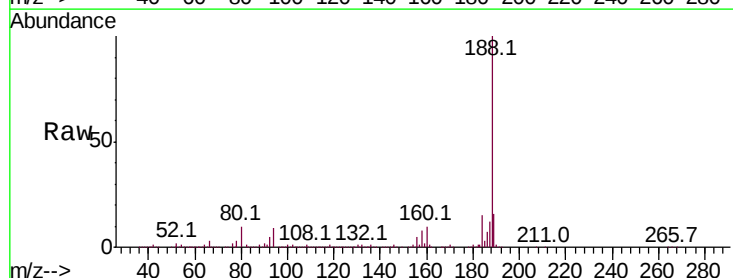
Tgt Ion: 188 Resp: 653451

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

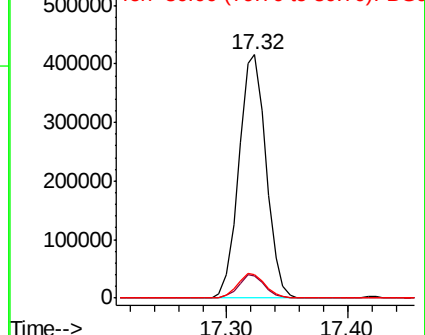
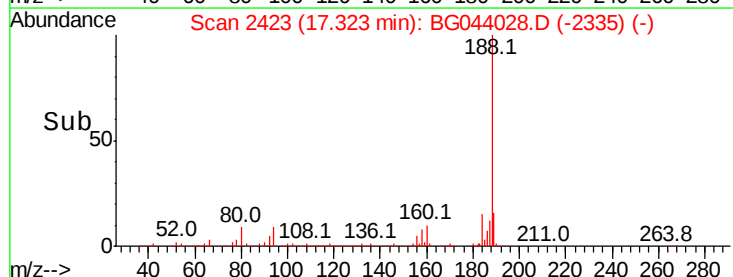
80 9.6 8.2 12.4

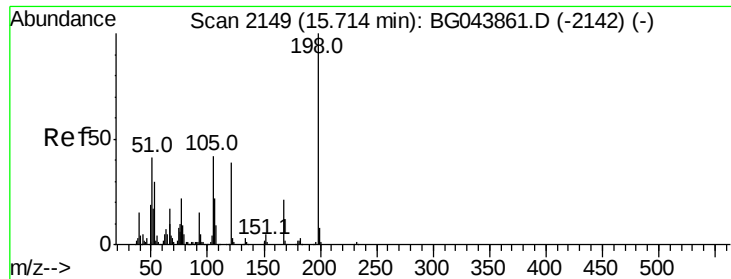


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

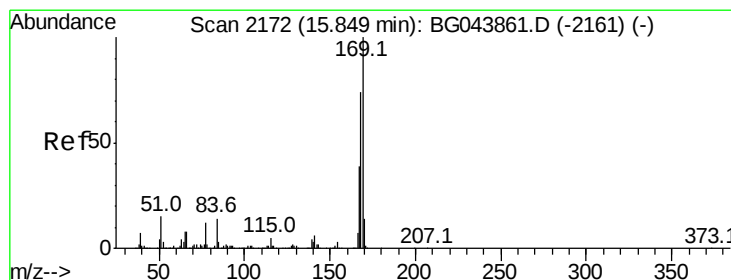
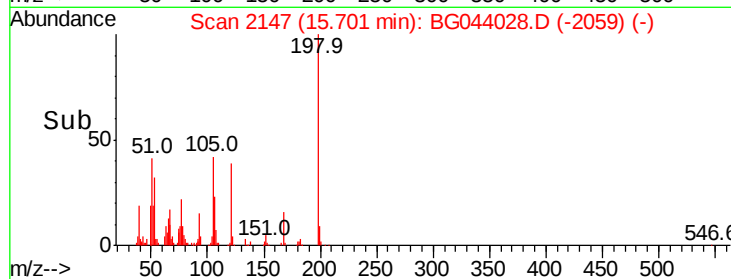
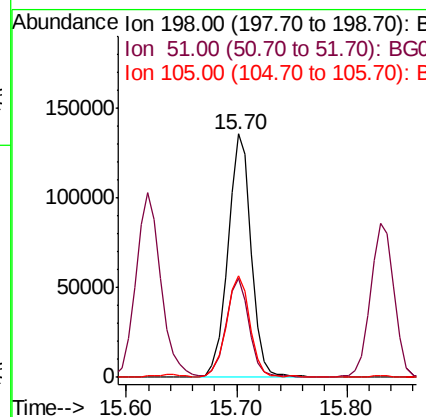
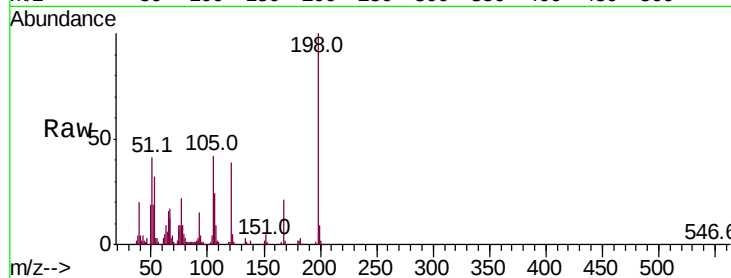




#65
4,6-Dinitro-2-methylphenol
Concen: 58.384 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

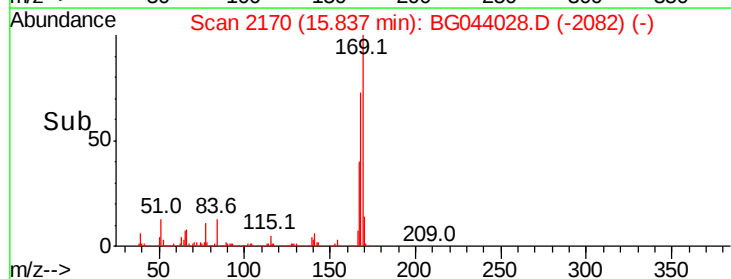
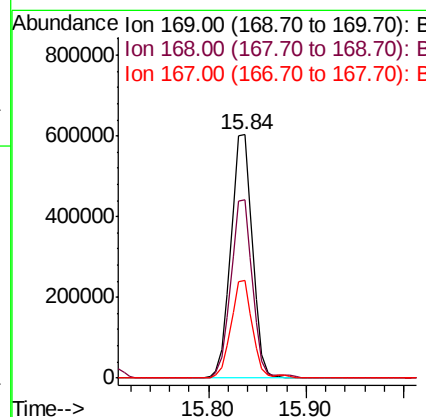
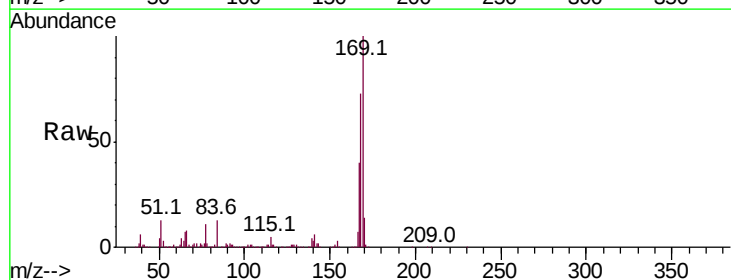
Instrument :
BNA_G
ClientSampleId :

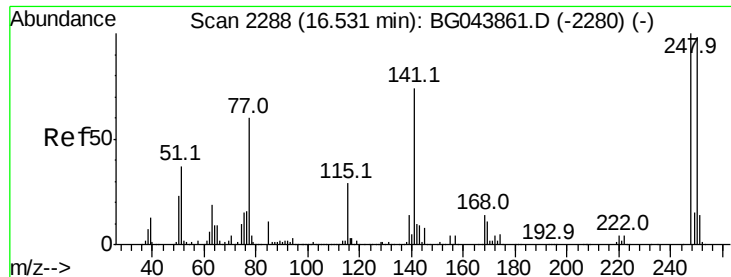
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.7	22.5	62.5
105	41.7	22.3	62.3



#66
n-Nitrosodiphenylamine
Concen: 47.882 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.2	59.0	88.6
167	39.9	31.4	47.0

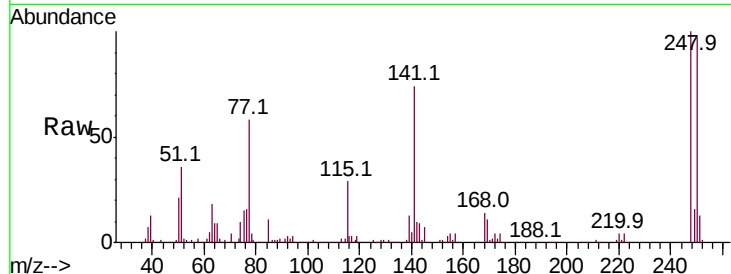




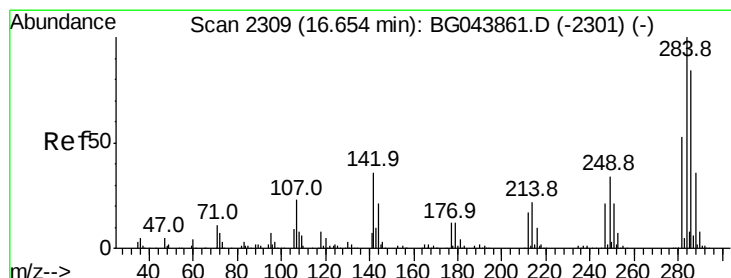
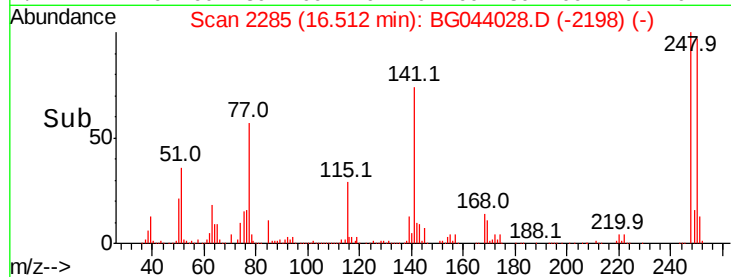
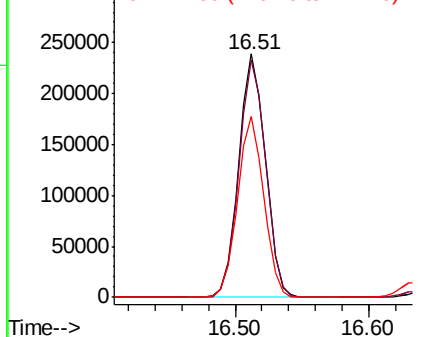
#67
 4-Bromophenyl-phenylether
 Concen: 44.797 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 329227
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.2 117.2
 141 74.1 59.3 88.9

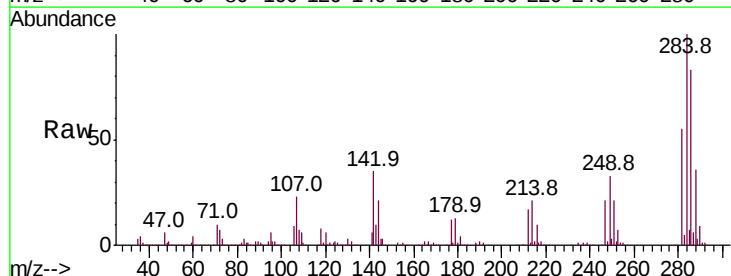


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

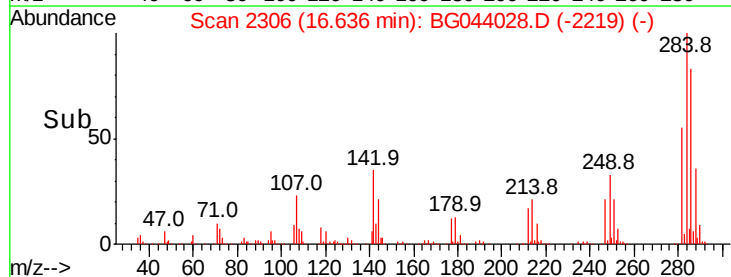
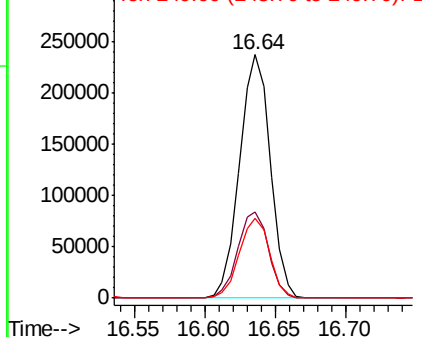


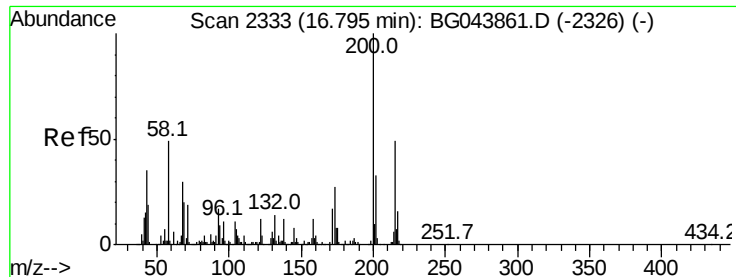
#68
 Hexachlorobenzene
 Concen: 45.522 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion:284 Resp: 360494
 Ion Ratio Lower Upper
 284 100
 142 35.5 28.6 43.0
 249 32.5 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: 56.656 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

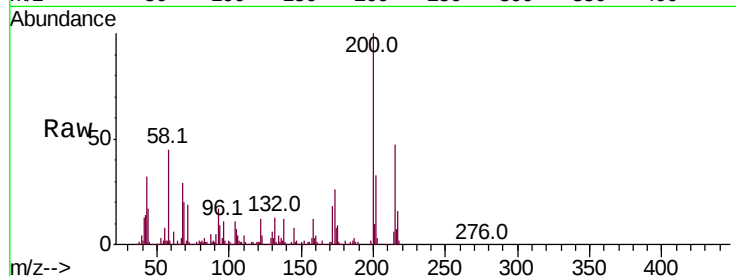
Tot Ion:200 Resp: 354386

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

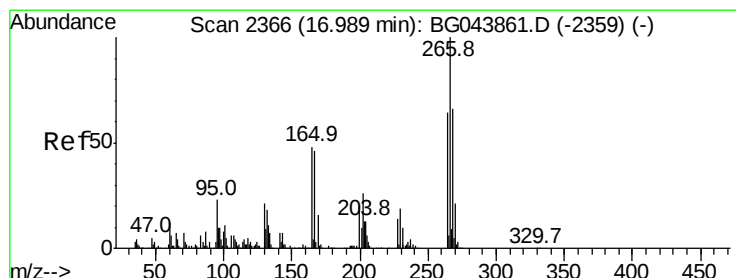
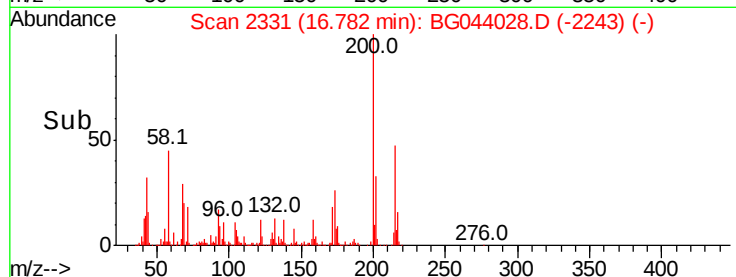
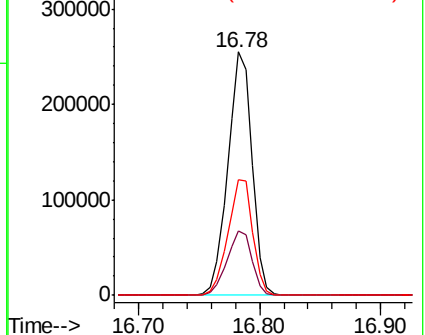
215 47.4 28.6 68.6



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: 101.015 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

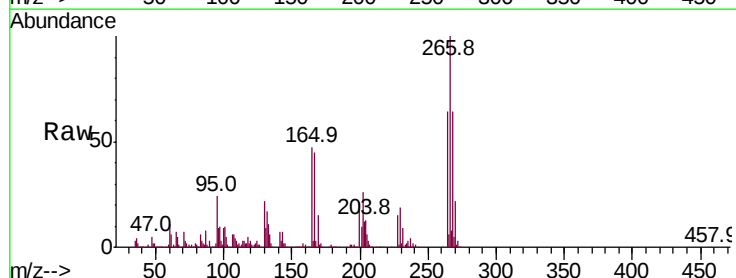
Tgt Ion:266 Resp: 440972

Ion Ratio Lower Upper

266 100

268 64.4 52.6 79.0

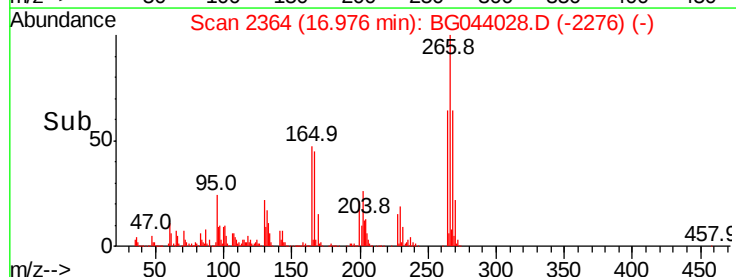
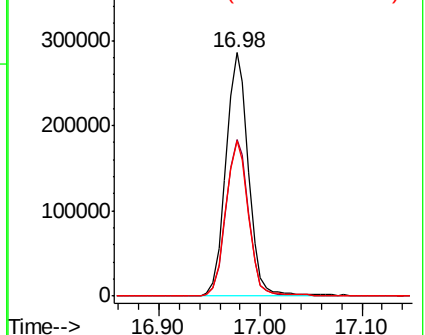
264 63.9 50.8 76.2

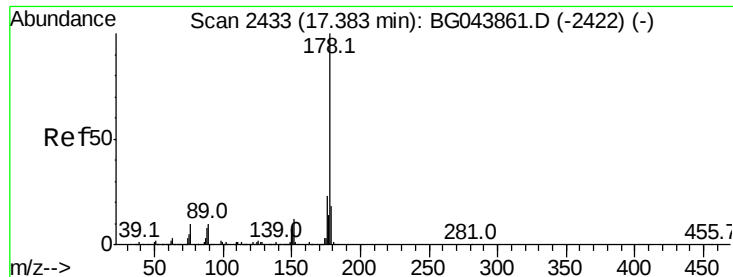


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

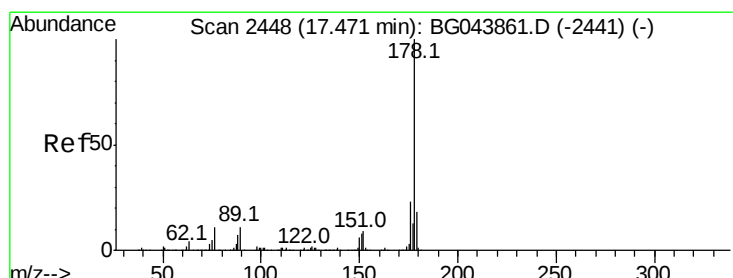
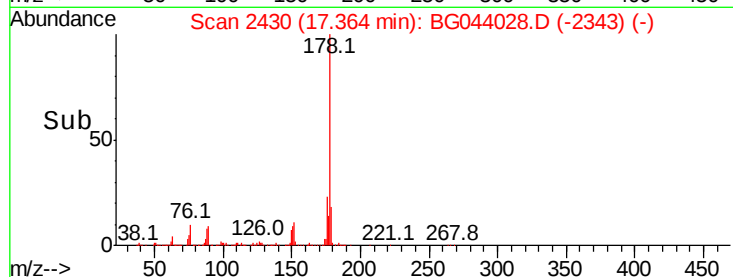
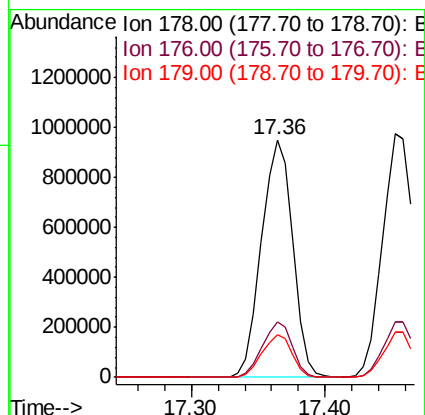
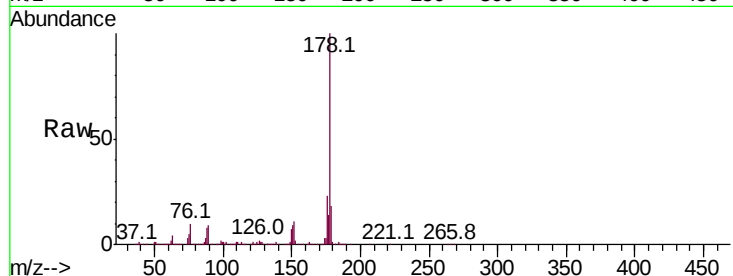




#71
Phenanthrene
Concen: 49.055 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

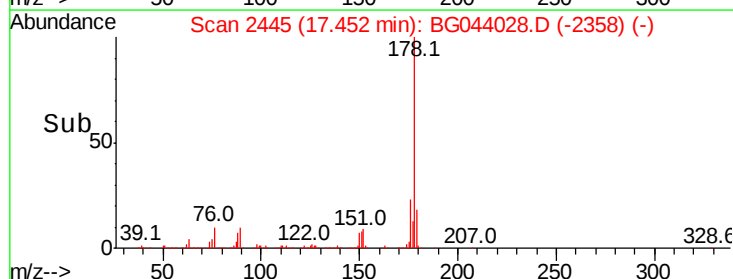
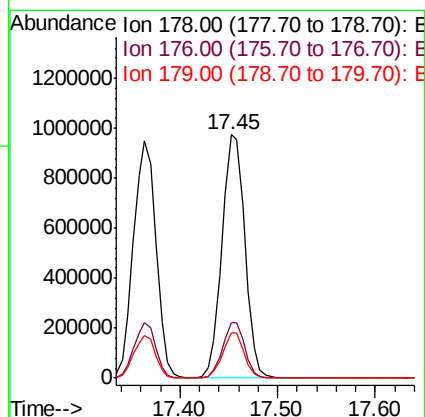
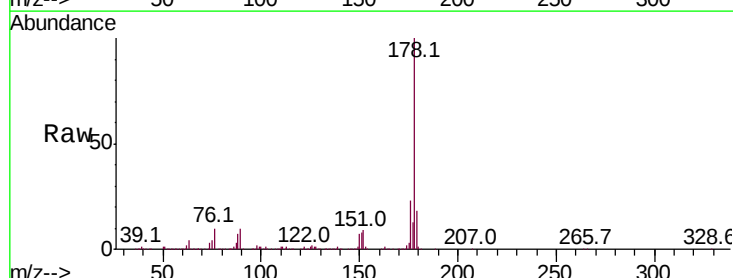
Instrument :
BNA_G
ClientSampleId :

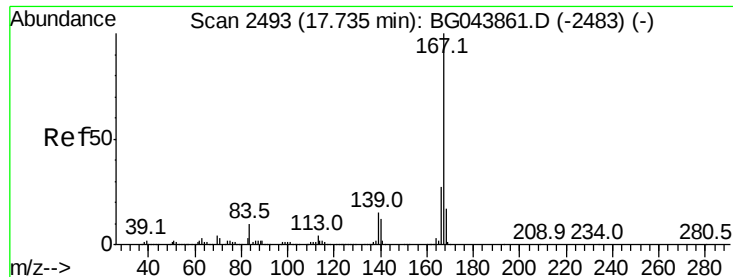
Tot Ion:178 Resp: 1537530
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 18.2 14.4 21.6



#72
Anthracene
Concen: 51.117 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:178 Resp: 1583370
Ion Ratio Lower Upper
178 100
176 23.0 18.3 27.5
179 18.4 14.6 22.0

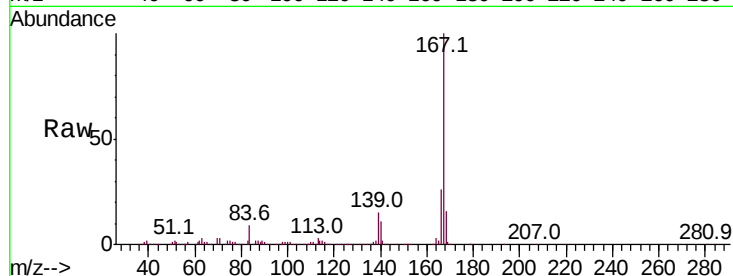




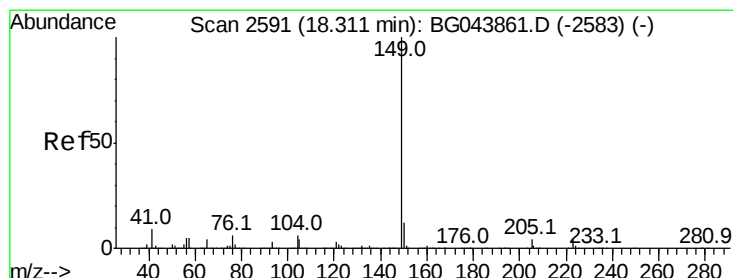
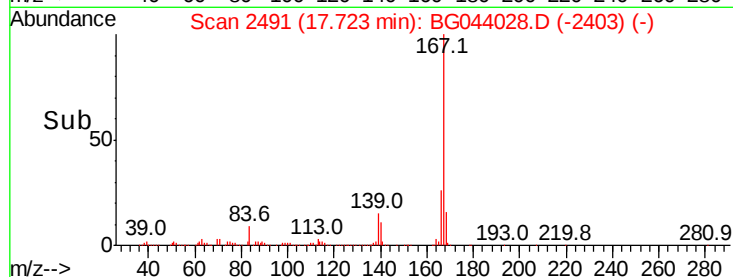
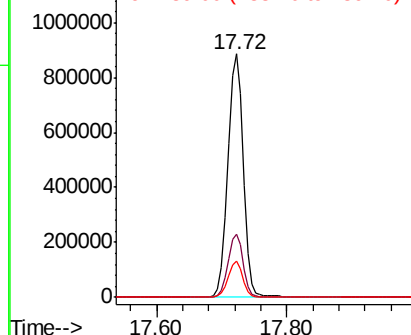
#73
 Carbazole
 Concen: 50.847 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1454861
 Ion Ratio Lower Upper
 167 100
 166 25.9 21.6 32.4
 139 14.8 12.1 18.1

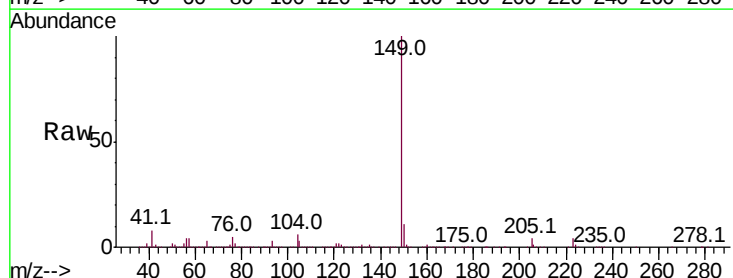


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

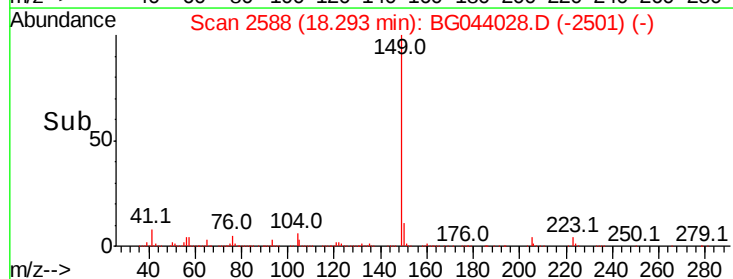
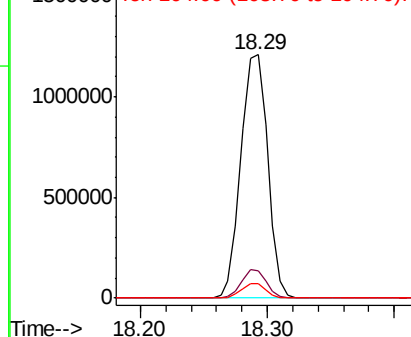


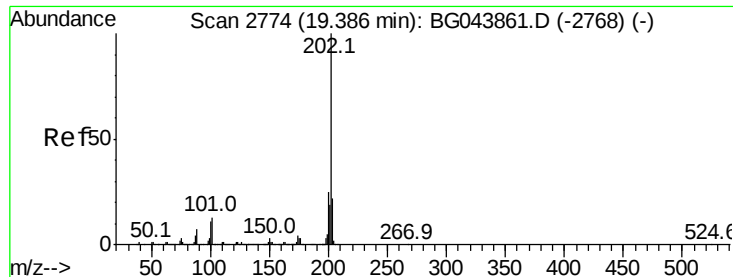
#74
 Di-n-butylphthalate
 Concen: 48.497 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion:149 Resp: 1771667
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.7 14.5
 104 5.8 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: 49.116 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampled :

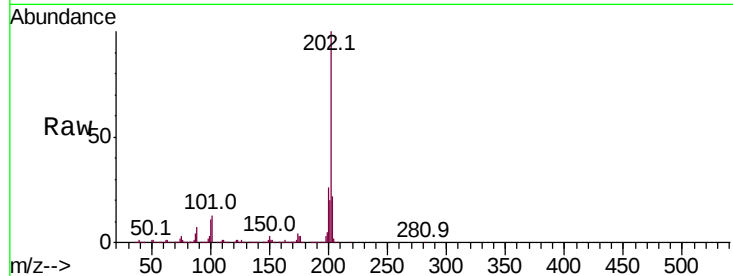
Tot Ion:202 Resp: 1760561

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.3

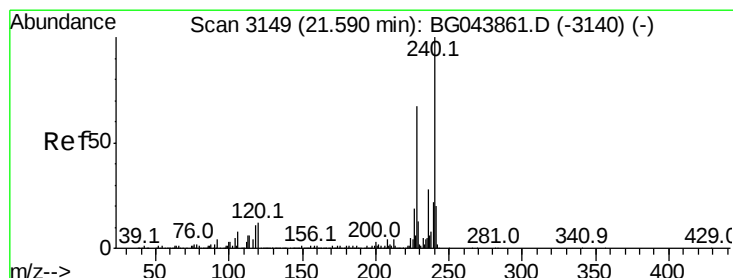
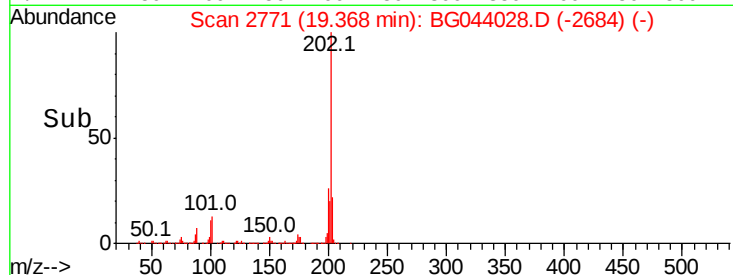
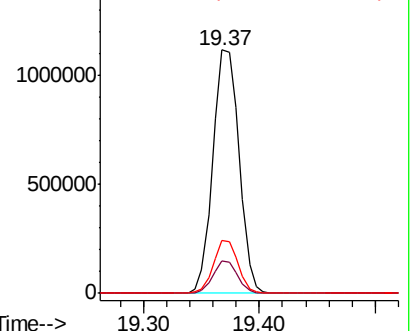
203 21.6 1.6 41.6



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# 3148

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

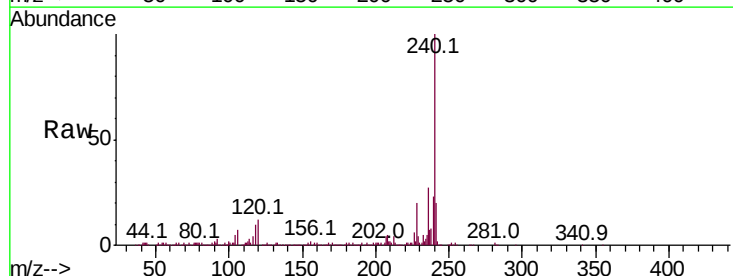
Tgt Ion:240 Resp: 573567

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

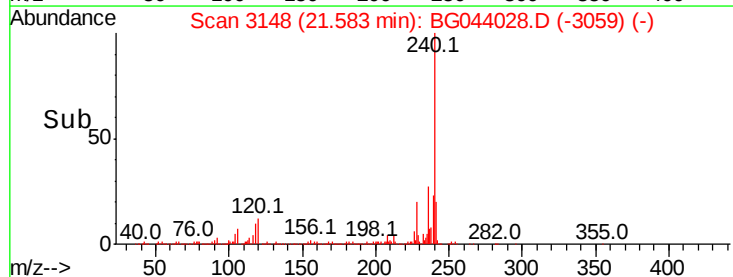
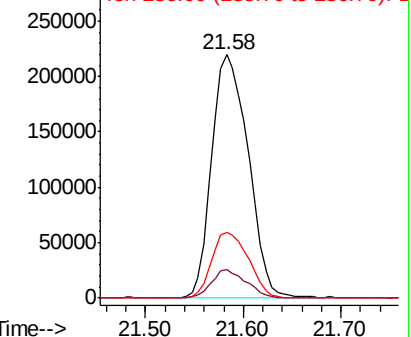
236 27.0 22.2 33.2

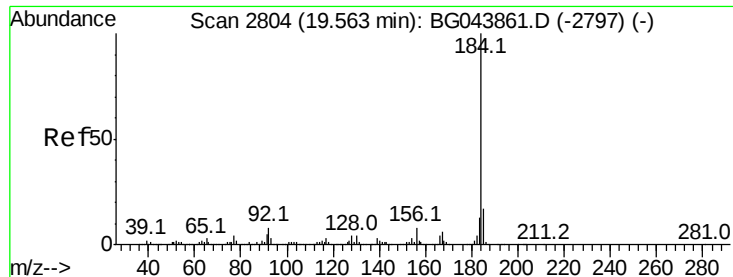


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.473 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

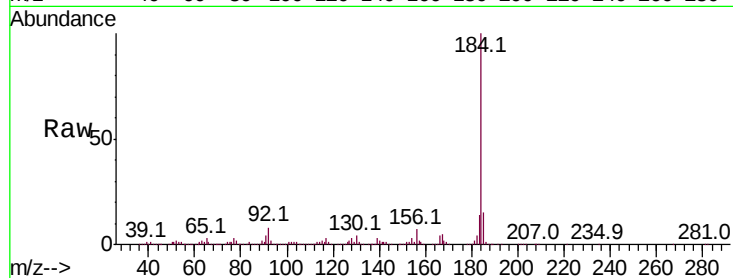
Tot Ion:184 Resp: 684411

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

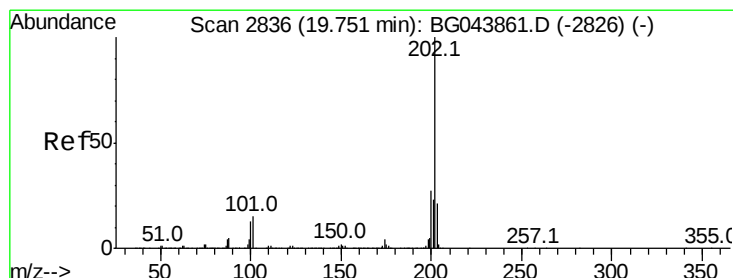
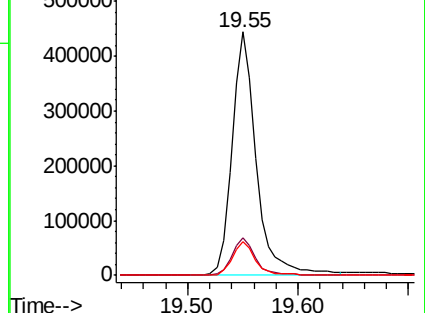
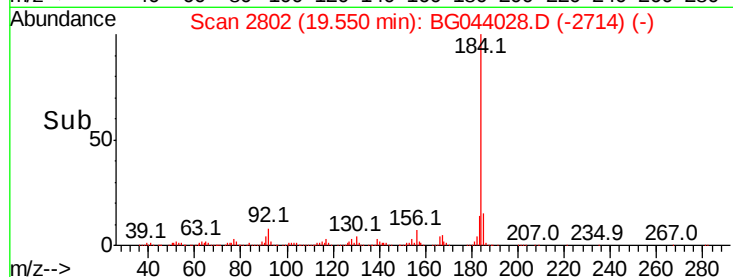
183 13.6 10.6 15.8



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: 47.363 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

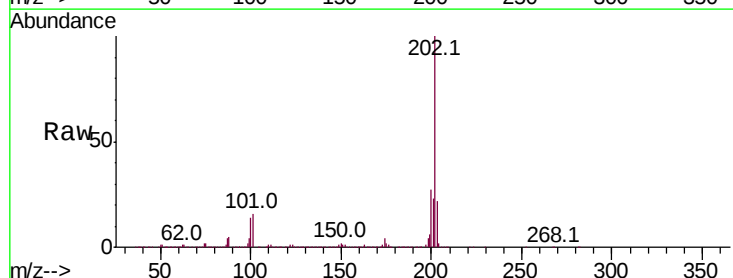
Tgt Ion:202 Resp: 1773226

Ion Ratio Lower Upper

202 100

200 27.1 21.7 32.5

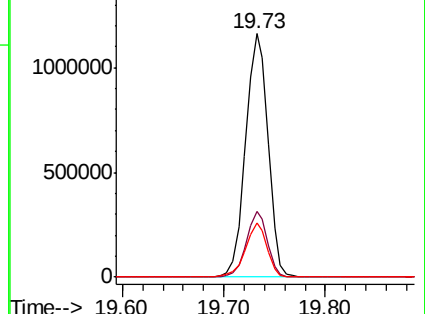
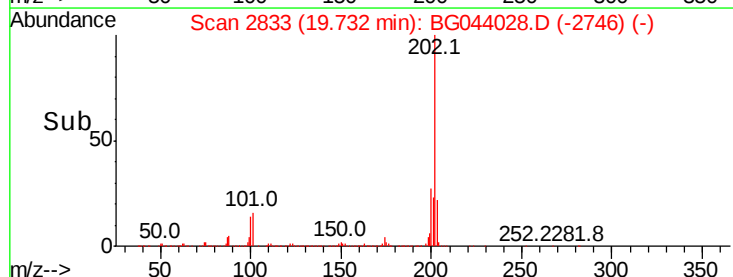
203 22.1 17.0 25.6

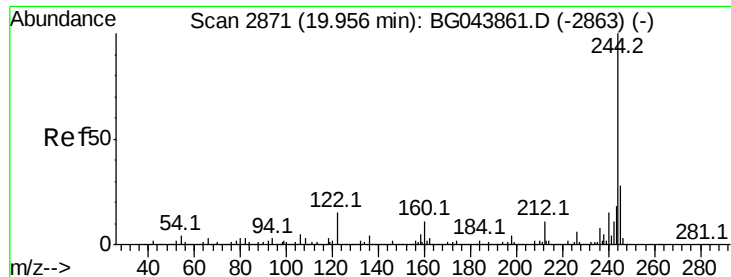


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.444 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

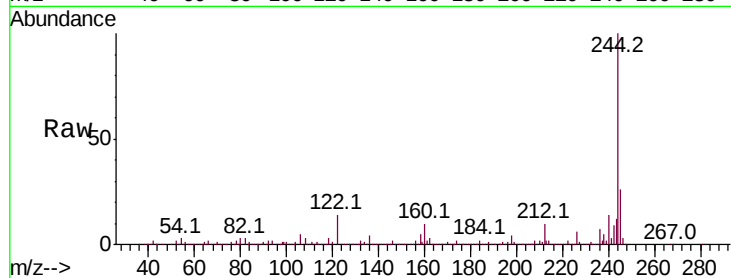
Tot Ion:244 Resp: 2199752

Ion Ratio Lower Upper

244 100

212 9.8 8.6 13.0

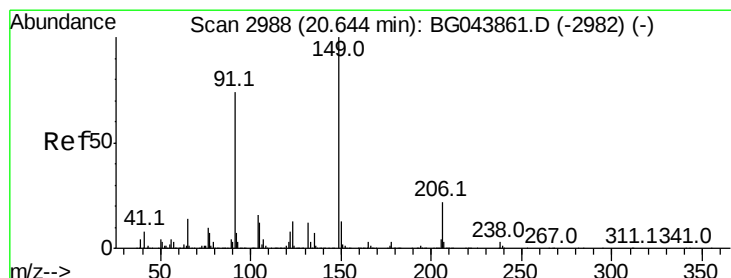
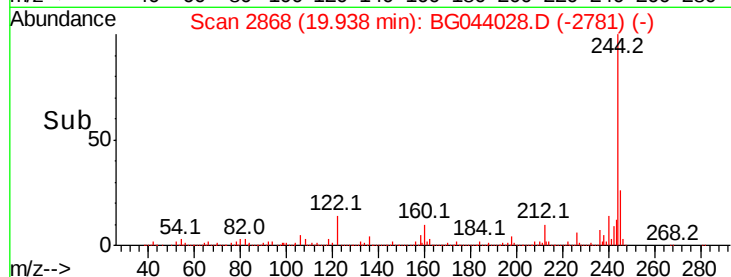
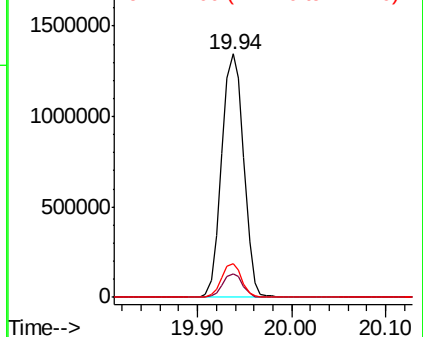
122 13.9 11.9 17.9



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: 47.691 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

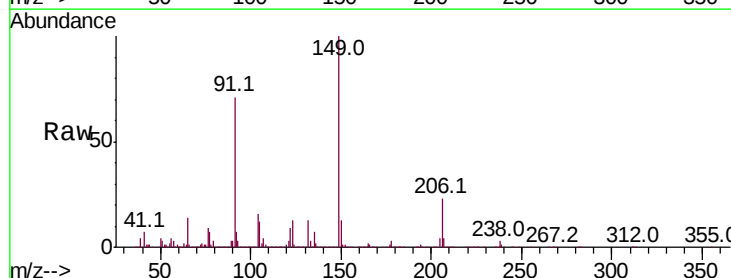
Tgt Ion:149 Resp: 850067

Ion Ratio Lower Upper

149 100

91 71.3 59.5 89.3

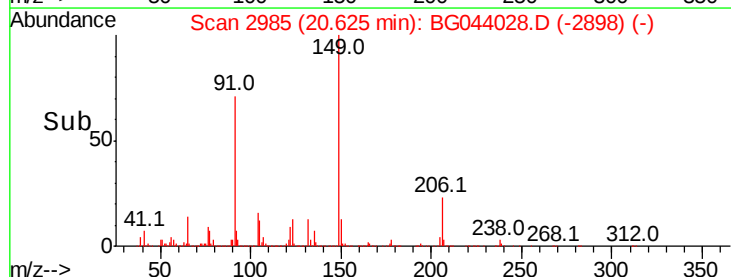
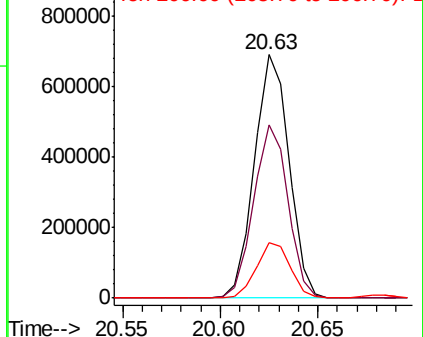
206 22.6 17.8 26.6

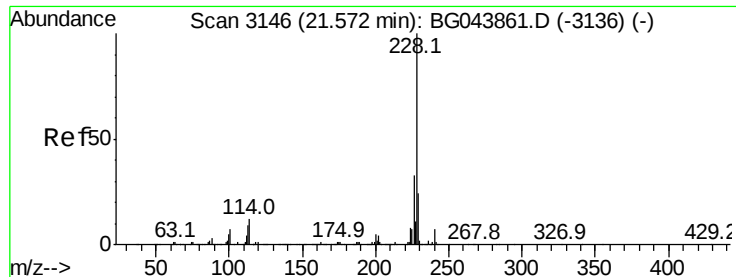


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

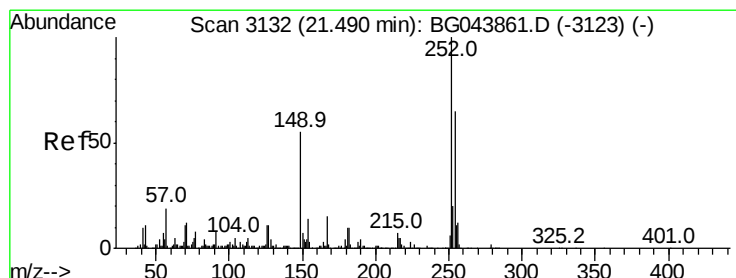
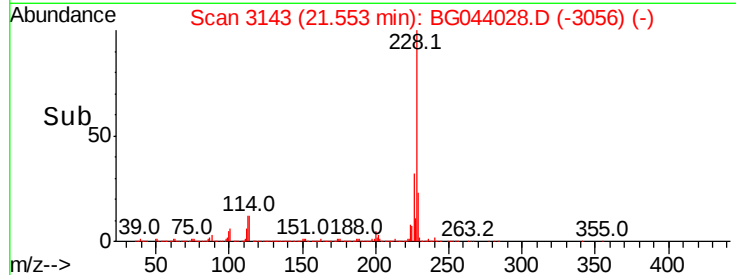
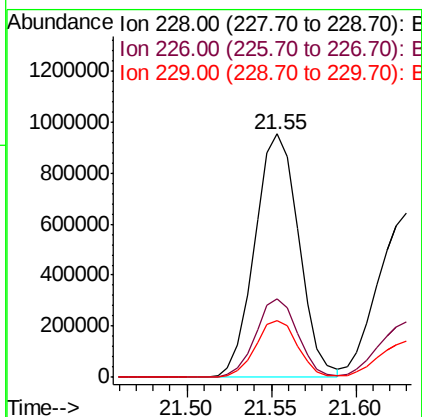
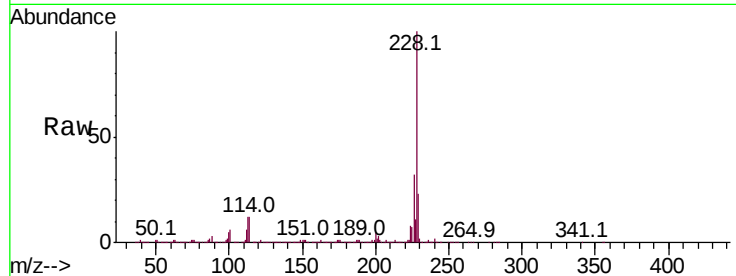




#81
Benzo(a)anthracene
Concen: 48.205 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

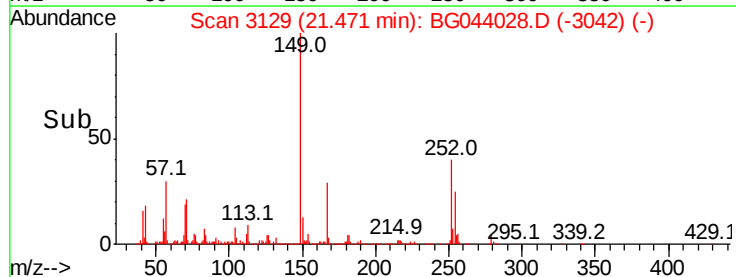
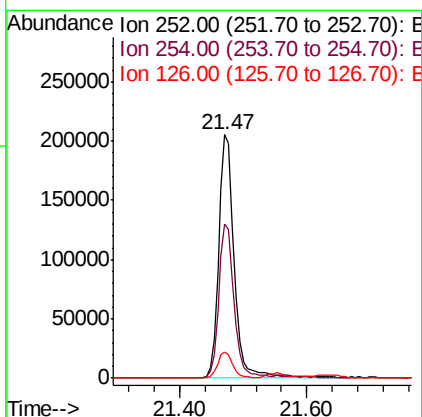
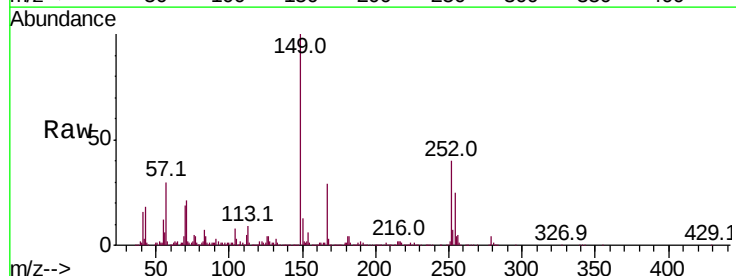
Instrument :
BNA_G
ClientSampleId :

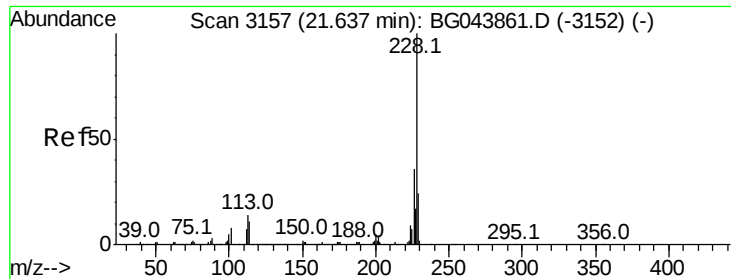
Tot Ion:228 Resp: 1714405
Ion Ratio Lower Upper
228 100
226 32.3 26.2 39.4
229 23.1 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 25.235 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:252 Resp: 354574
Ion Ratio Lower Upper
252 100
254 63.4 52.1 78.1
126 10.6 9.1 13.7





#83

Chrysene

Concen: 51.391 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

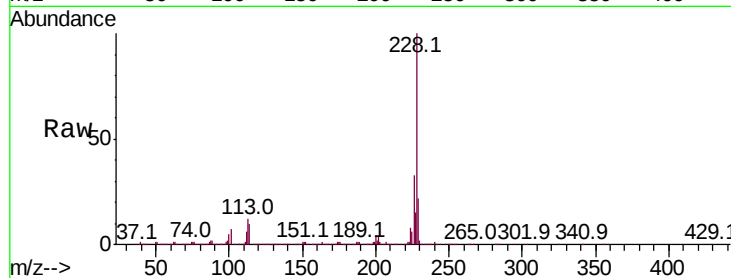
Tot Ion:228 Resp: 1736703

Ion Ratio Lower Upper

228 100

226 33.2 28.8 43.2

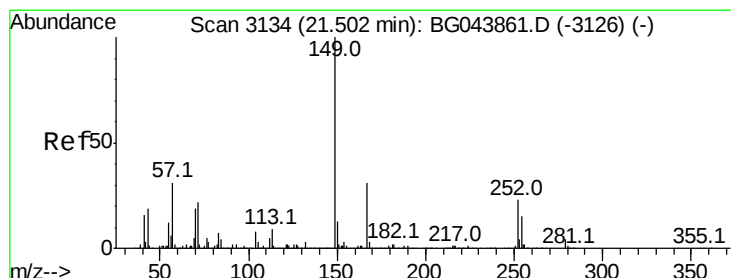
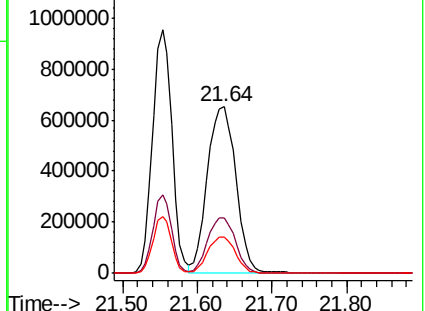
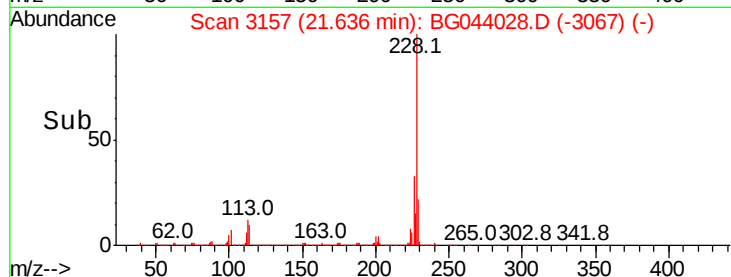
229 21.7 19.0 28.6



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: 47.779 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

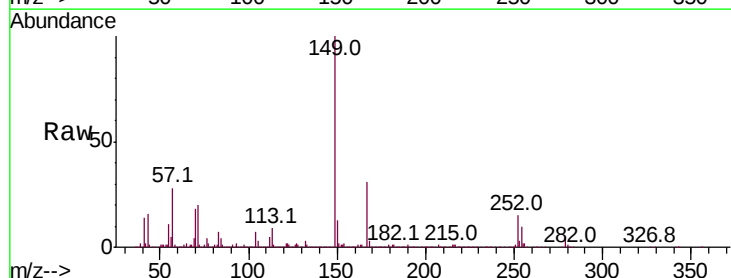
Tgt Ion:149 Resp: 1175094

Ion Ratio Lower Upper

149 100

167 31.1 24.7 37.1

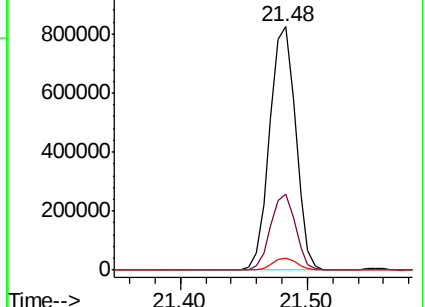
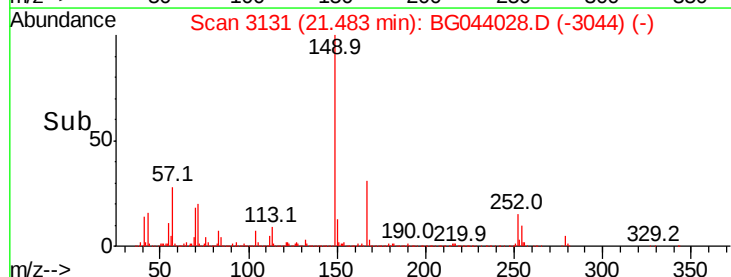
279 4.9 3.3 4.9

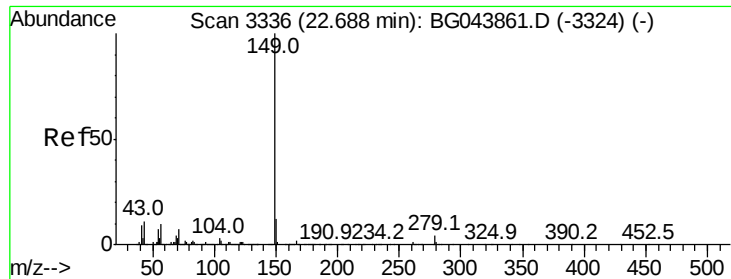


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.755 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

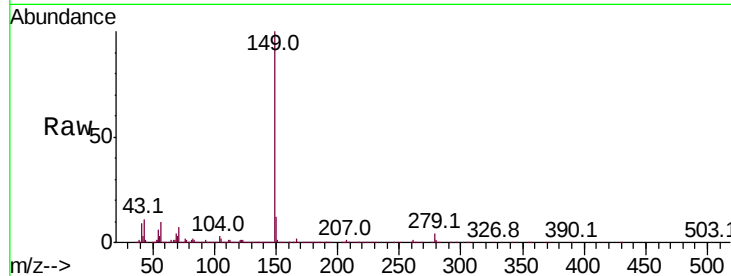
Tot Ion:149 Resp: 2057196

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

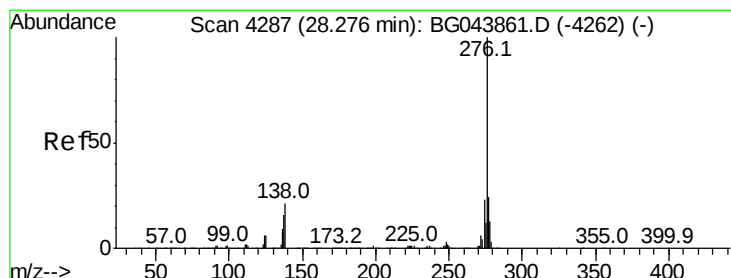
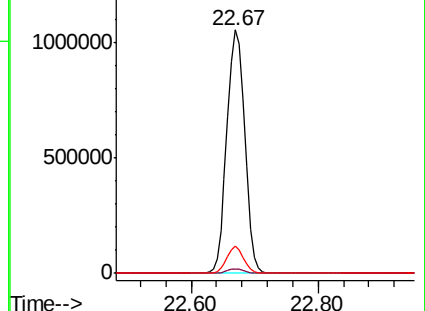
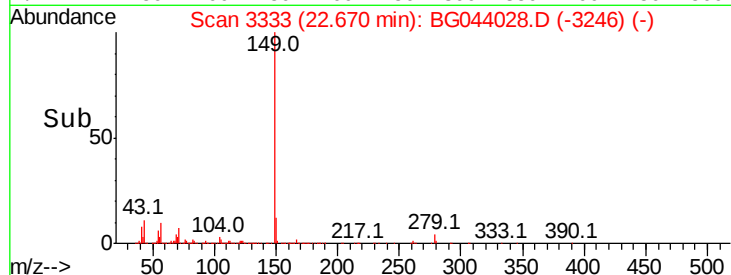
43 10.1 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.586 ng

RT: 28.31 min Scan# 4293

Delta R.T. 0.03 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

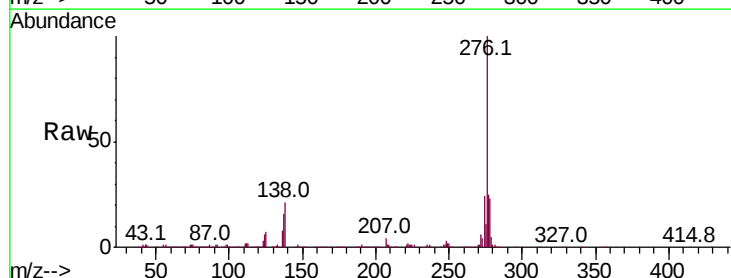
Tgt Ion:276 Resp: 899503

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.4#

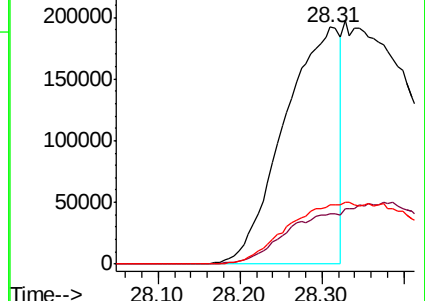
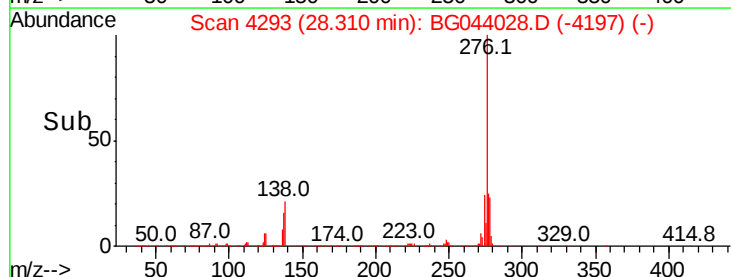
277 0.0 21.1 31.7#

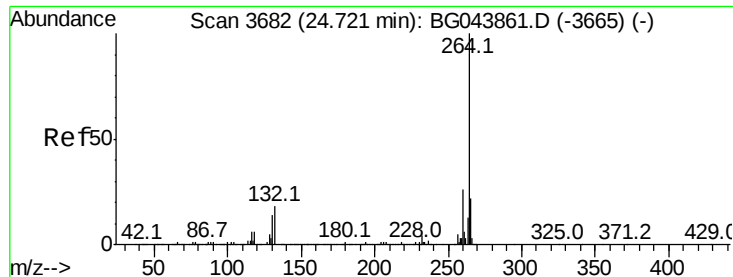


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. 0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

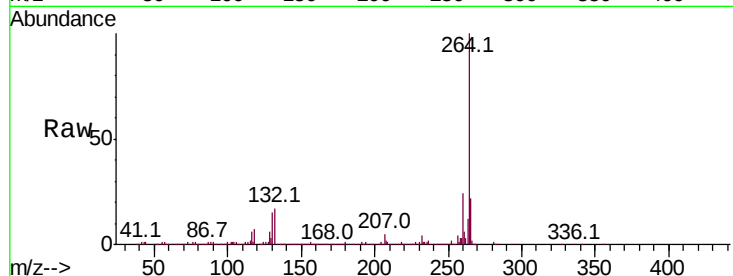
Tot Ion:264 Resp: 641509

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

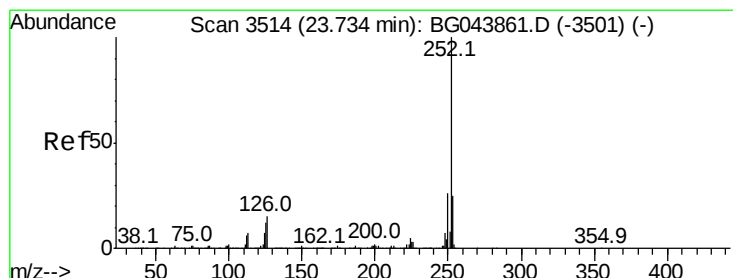
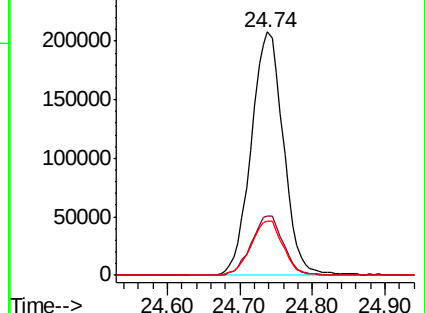
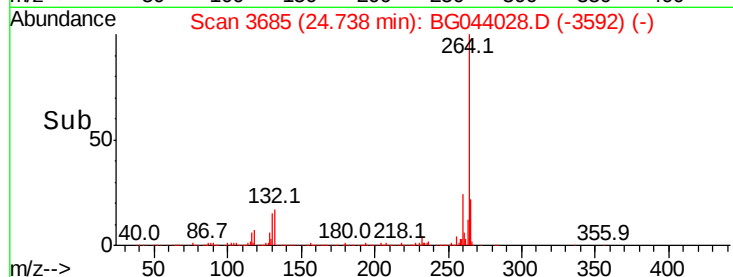
265 22.3 17.4 26.2



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: 48.626 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

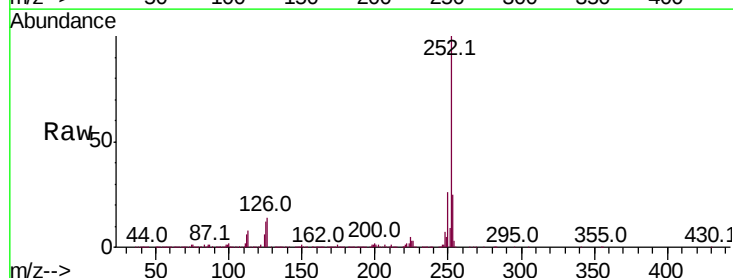
Tgt Ion:252 Resp: 1844123

Ion Ratio Lower Upper

252 100

253 25.3 19.7 29.5

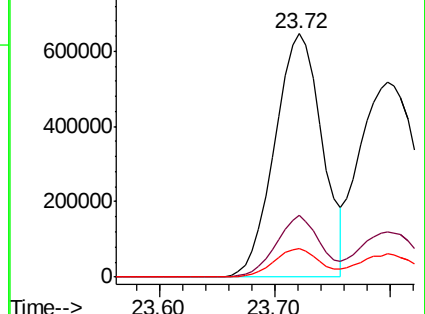
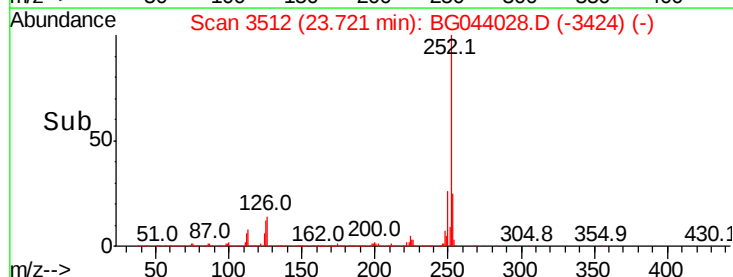
125 11.6 9.4 14.2

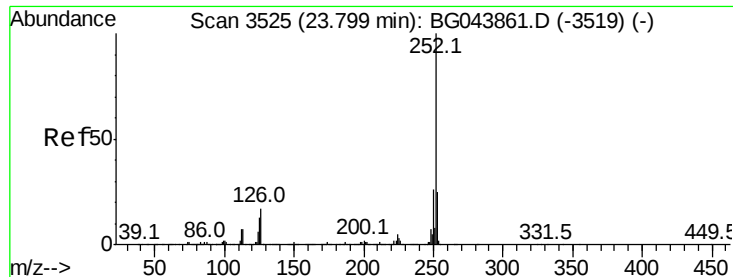


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.255 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampled :

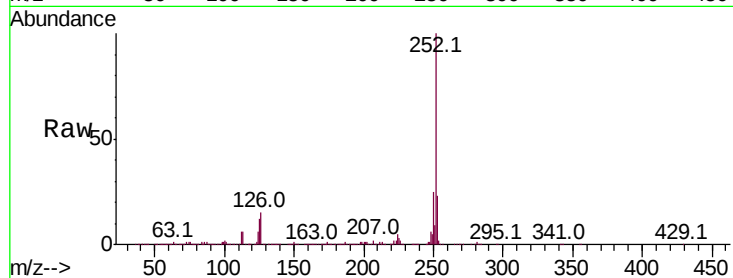
Tot Ion:252 Resp: 1812381

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

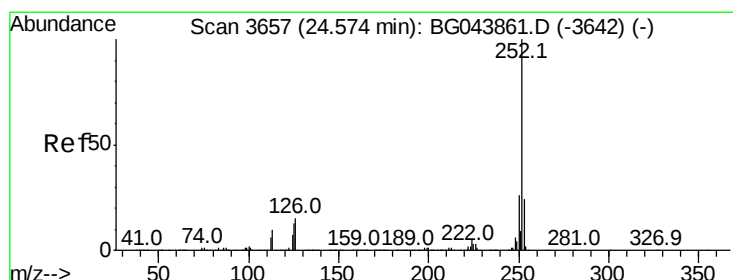
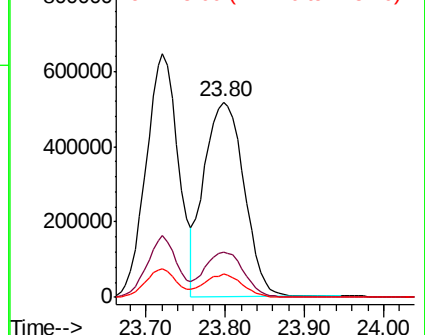
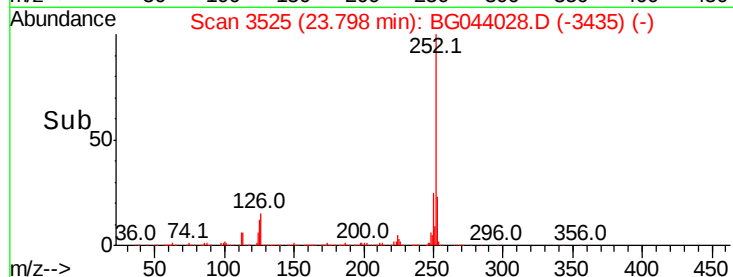
125 11.7 9.9 14.9



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: 47.729 ng

RT: 24.59 min Scan# 3660

Delta R.T. 0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

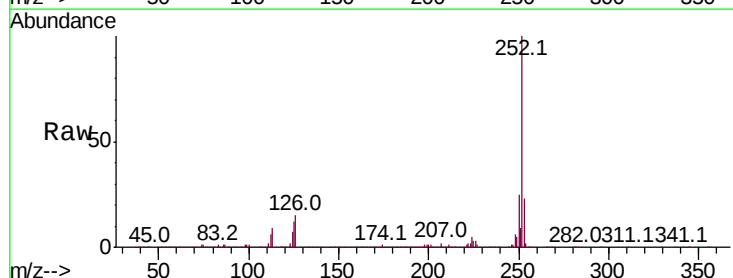
Tgt Ion:252 Resp: 1708422

Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

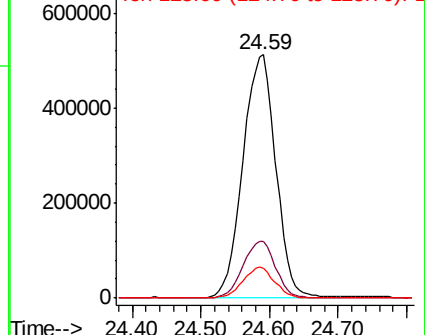
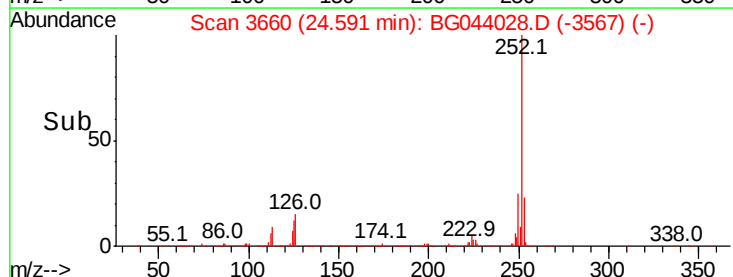
125 12.4 10.4 15.6

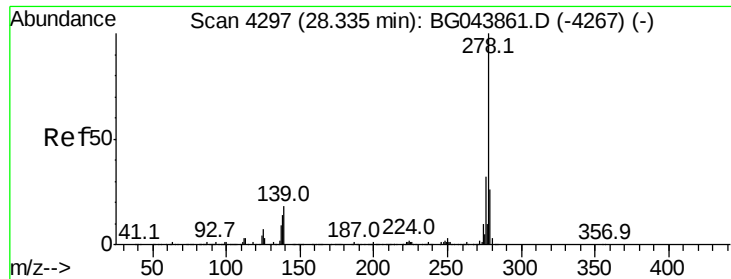


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



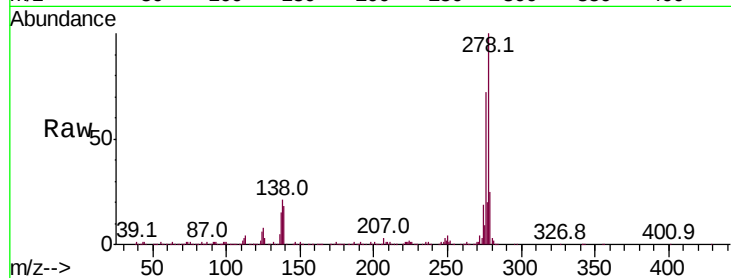


#91
Dibenzo(a,h)anthracene
Concen: 50.176 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.06 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

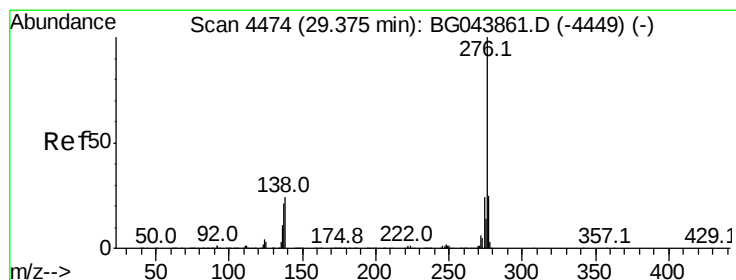
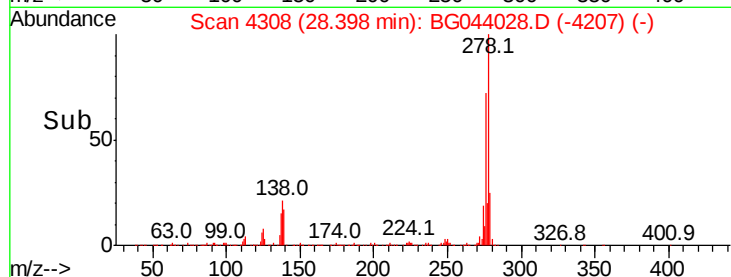
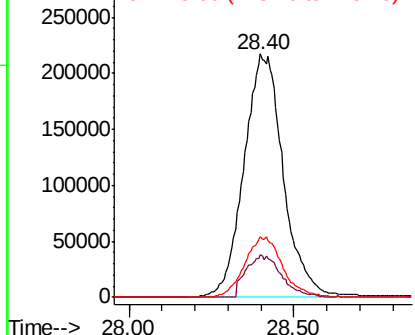
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1803721

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.2	21.4
279	24.9	20.6	30.8



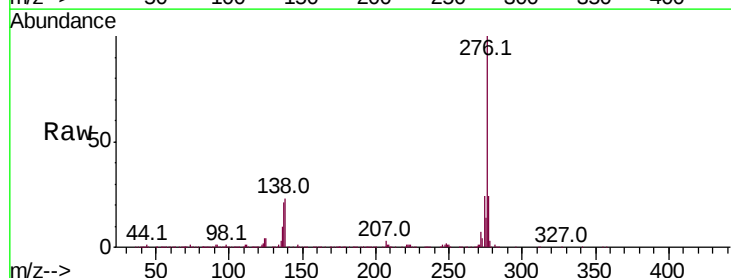
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.284 ng
RT: 29.54 min Scan# 4502
Delta R.T. 0.16 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion:276 Resp: 1831222

Ion	Ratio	Lower	Upper
276	100		
277	24.5	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

