

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044039.D
 Acq On : 14 Jan 2020 16:47
 Operator : JU
 Sample : L1108-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 20:34:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	118689	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	478962	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	299908	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	638447	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	552000	20.00	ng	-0.02
87) Perylene-d12	24.69	264	647491	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	773415	119.65	ng	0.00
7) Phenol-d6	7.12	99	1043584	115.50	ng	0.00
23) Nitrobenzene-d5	9.10	82	611837	68.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	379612	120.95	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1221449	73.79	ng	-0.02
79) Terphenyl-d14	19.94	244	1696039	70.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	117004	41.513	ng	99
3) Pyridine	3.81	79	288639	34.666	ng	94
4) n-Nitrosodimethylamine	3.73	42	149570	40.348	ng	95
6) Aniline	7.27	93	301831	25.432	ng	97
8) 2-Chlorophenol	7.52	128	351925	46.375	ng	99
9) Benzaldehyde	7.08	77	189672	32.798	ng	99
10) Phenol	7.15	94	446117	47.920	ng	99
11) bis(2-Chloroethyl)ether	7.36	93	334285	41.598	ng	100
12) 1,3-Dichlorobenzene	7.83	146	375675	42.304	ng	97
13) 1,4-Dichlorobenzene	7.98	146	375838	42.894	ng	99
14) 1,2-Dichlorobenzene	8.30	146	355103	42.223	ng	99
15) Benzyl Alcohol	8.18	79	299429	41.989	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	459784	36.982	ng	99
17) 2-Methylphenol	8.39	107	303254	45.013	ng	99
18) Hexachloroethane	9.03	117	141458	41.490	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	259164	38.515	ng	98
20) 3+4-Methylphenols	8.72	107	411910	43.828	ng	98
22) Acetophenone	8.76	105	477891	40.134	ng	99
24) Nitrobenzene	9.14	77	362507	40.880	ng	99
25) Isophorone	9.67	82	704006	41.912	ng	100
26) 2-Nitrophenol	9.86	139	203812	48.580	ng	97
27) 2,4-Dimethylphenol	9.92	122	331967	52.566	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	441887	39.460	ng	99
29) 2,4-Dichlorophenol	10.40	162	343303	45.573	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	350982	41.554	ng	99
31) Naphthalene	10.80	128	1016689	43.865	ng	99
32) Benzoic acid	10.07	122	223972	44.130	ng	99
33) 4-Chloroaniline	10.90	127	143386	12.970	ng	98
34) Hexachlorobutadiene	11.10	225	208977	40.523	ng	98
35) Caprolactam	11.67	113	79707	28.423	ng	93
36) 4-Chloro-3-methylphenol	12.03	107	358843	44.747	ng	98
37) 2-Methylnaphthalene	12.41	142	750426	43.005	ng	99
38) 1-Methylnaphthalene	12.62	142	714014	43.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	359048	40.846	ng	99

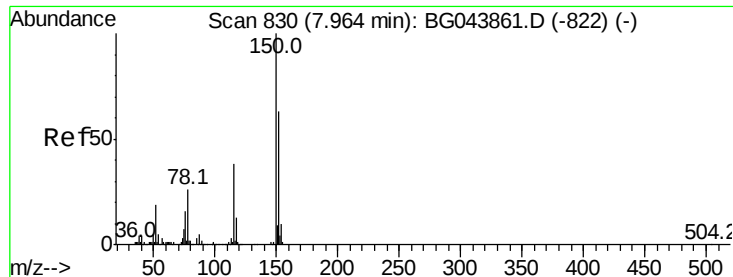
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044039.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	498814	109.455	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	274143	45.325	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	293426	47.037	ng	99
46) 1,1'-Biphenyl	13.41	154	938063	43.625	ng	99
47) 2-Chloronaphthalene	13.46	162	730462	42.039	ng	97
48) 2-Nitroaniline	13.65	65	222105	39.738	ng	95
49) Acenaphthylene	14.30	152	1143550	45.789	ng	98
50) Dimethylphthalate	14.03	163	1011615	47.506	ng	100
51) 2,6-Dinitrotoluene	14.15	165	214412	44.548	ng	97
52) Acenaphthene	14.64	154	718420	41.020	ng	99
53) 3-Nitroaniline	14.47	138	109149	19.970	ng	97
54) 2,4-Dinitrophenol	14.69	184	273174	109.254	ng	97
55) Dibenzofuran	14.98	168	1099659	45.610	ng	99
56) 4-Nitrophenol	14.80	139	421283	100.584	ng	96
57) 2,4-Dinitrotoluene	14.94	165	296576	45.285	ng	98
58) Fluorene	15.63	166	860440	45.026	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	253887	47.330	ng	97
60) Diethylphthalate	15.40	149	937981	44.039	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	442720	42.666	ng	98
62) 4-Nitroaniline	15.64	138	213469	39.550	ng	95
63) Azobenzene	15.91	77	858764	43.476	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	183206	54.991	ng	97
66) n-Nitrosodiphenylamine	15.83	169	811159	43.143	ng	100
67) 4-Bromophenyl-phenylether	16.51	248	293002	40.805	ng	98
68) Hexachlorobenzene	16.64	284	313707	40.545	ng	98
69) Atrazine	16.78	200	315691	51.656	ng	99
70) Pentachlorophenol	16.98	266	398453	93.420	ng	98
71) Phenanthrene	17.36	178	1444648	47.175	ng	99
72) Anthracene	17.45	178	1407214	46.497	ng	99
73) Carbazole	17.72	167	1292613	46.238	ng	98
74) Di-n-butylphthalate	18.29	149	1590909	44.572	ng	98
75) Fluoranthene	19.37	202	1694300	48.378	ng	99
77) Benzidine	19.55	184	817130	58.893	ng	98
78) Pyrene	19.73	202	1690281	46.912	ng	99
80) Butylbenzylphthalate	20.63	149	753138	43.904	ng	97
81) Benzo(a)anthracene	21.55	228	1573913	45.983	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	312448	23.106	ng	99
83) Chrysene	21.62	228	1502762	46.206	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1120070	47.321	ng	100
85) Di-n-octyl phthalate	22.66	149	1848902	46.464	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1938867	43.867	ng	# 85
88) Benzo(b)fluoranthene	23.71	252	1687994	44.098	ng	99
89) Benzo(k)fluoranthene	23.77	252	1600309	43.965	ng	99
90) Benzo(a)pyrene	24.56	252	1552599	42.975	ng	98
91) Dibenzo(a,h)anthracene	28.32	278	1548612	42.682	ng	100
92) Benzo(g,h,i)perylene	29.38	276	1622617	45.022	ng	98

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

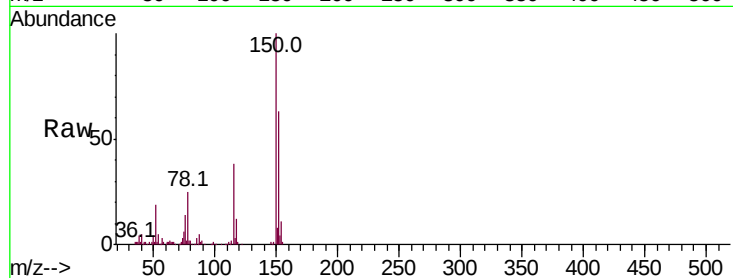


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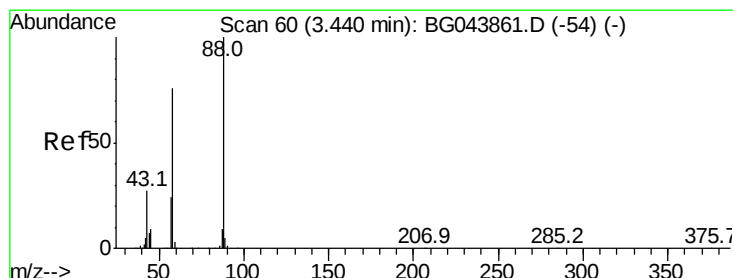
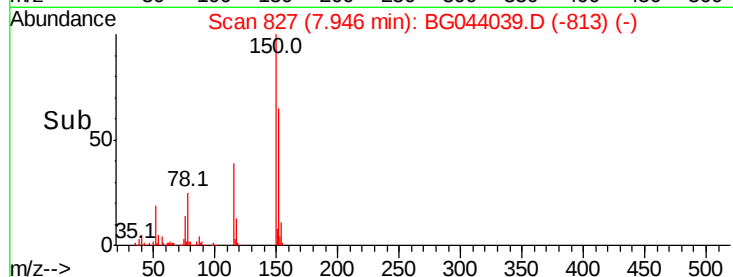
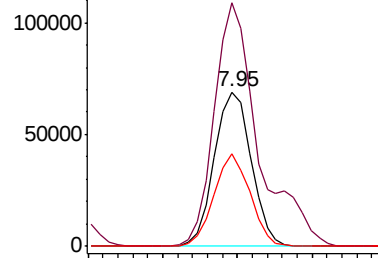
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.0	190.4
115	60.3	47.8	71.8



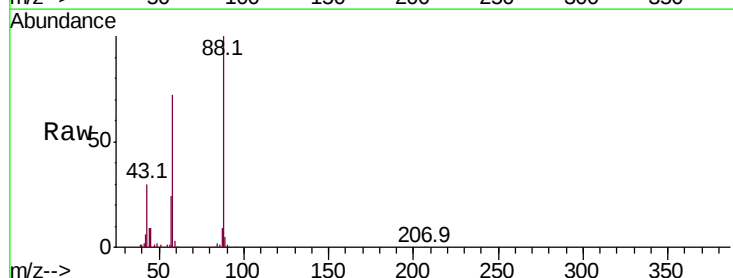
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



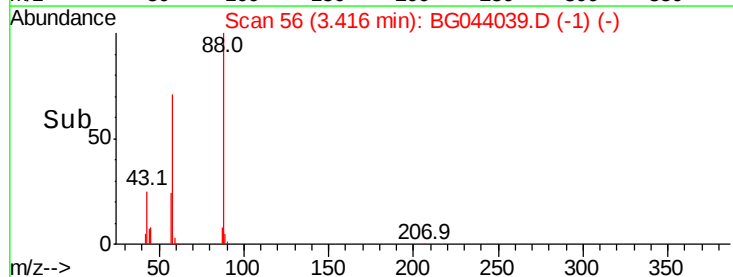
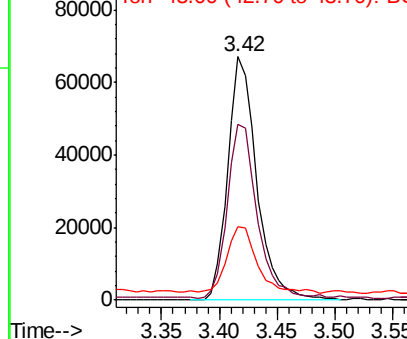
#2

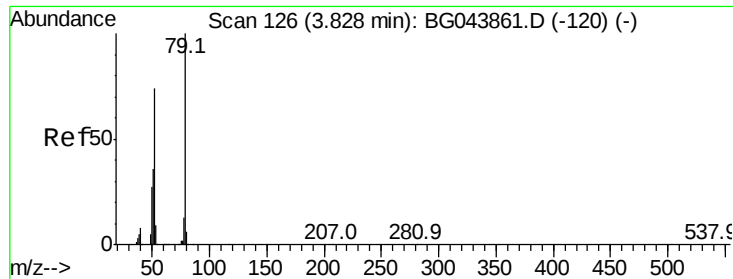
1,4-Dioxane
Concen: 41.513 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.8	89.8
43	28.4	22.9	34.3



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





#3

Pvridine

Concen: 34.666 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

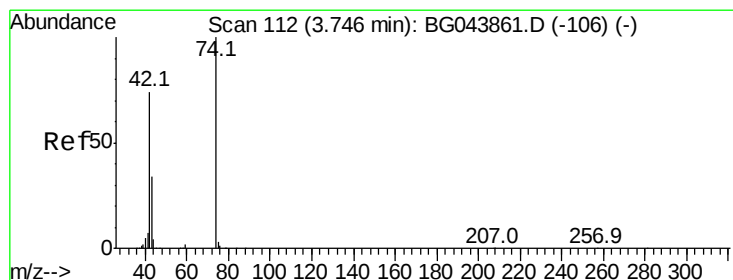
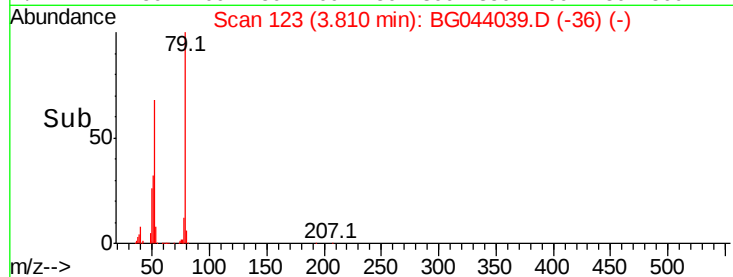
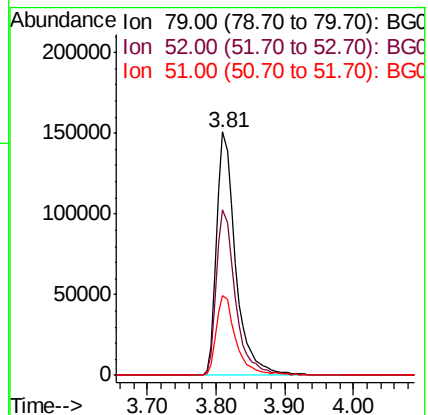
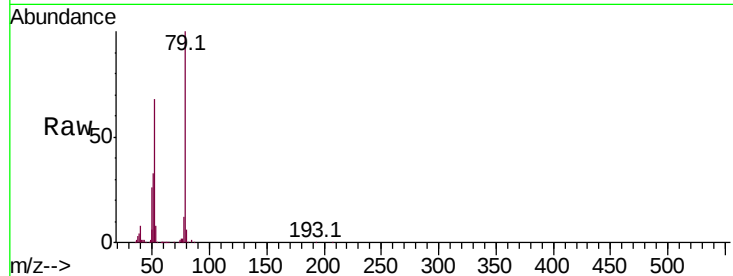
Tot Ion: 79 Resp: 288639

Ion Ratio Lower Upper

79 100

52 67.7 58.9 88.3

51 32.9 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 40.348 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

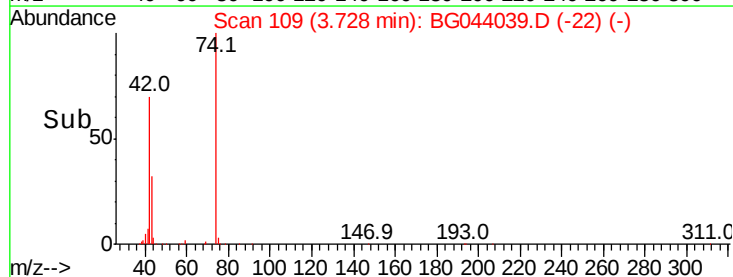
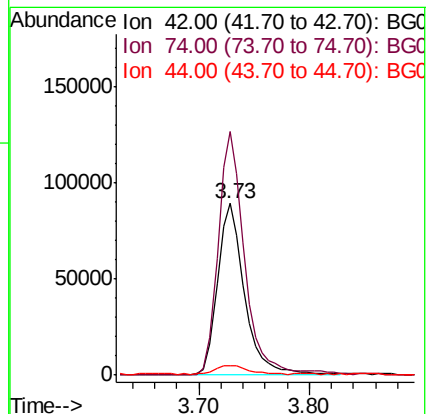
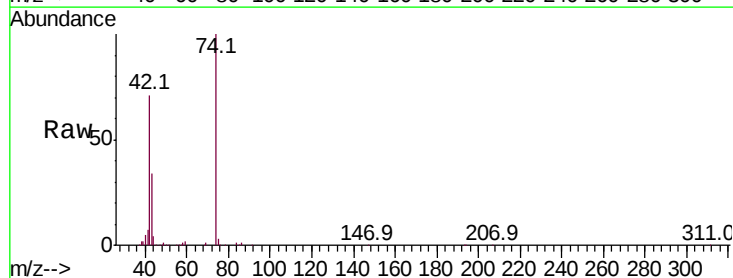
Tgt Ion: 42 Resp: 149570

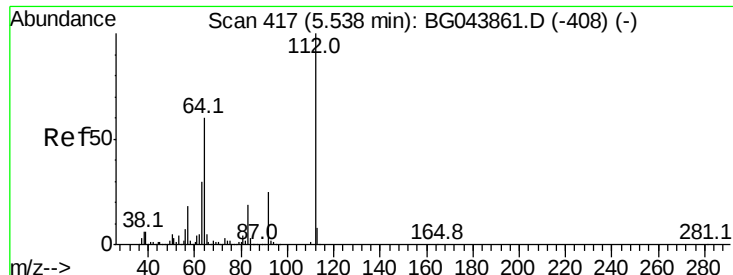
Ion Ratio Lower Upper

42 100

74 141.7 108.6 162.8

44 5.7 5.0 7.6





#5

2-Fluorophenol

Concen: 119.647 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

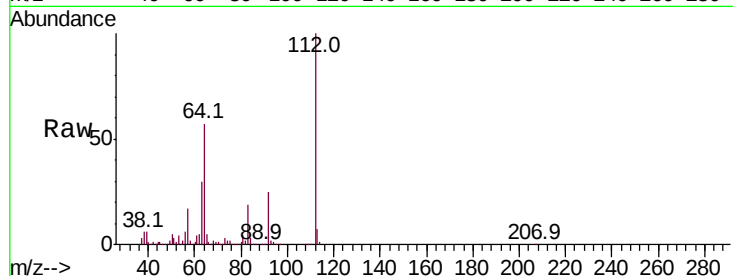
Tot Ion:112 Resp: 773415

Ion Ratio Lower Upper

112 100

64 56.7 47.8 71.6

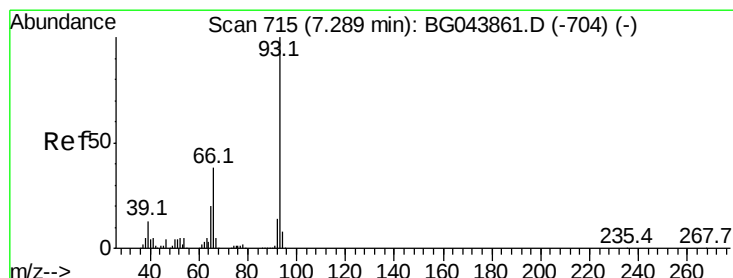
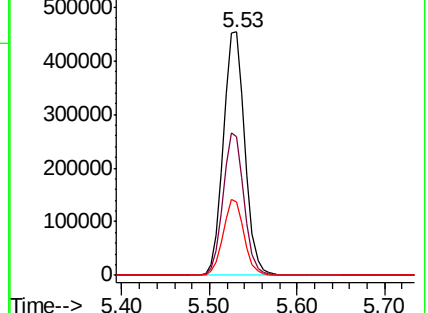
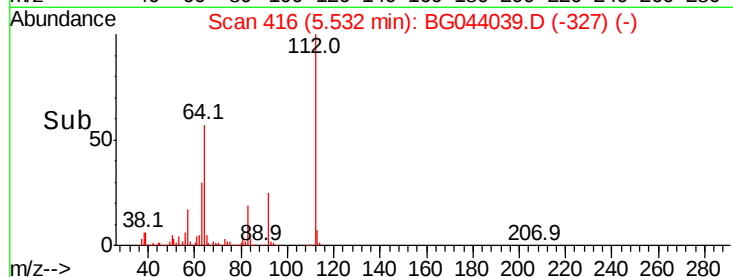
63 30.2 24.3 36.5



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: 25.432 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

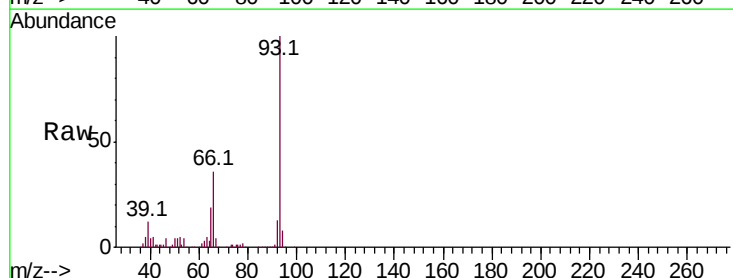
Tgt Ion: 93 Resp: 301831

Ion Ratio Lower Upper

93 100

66 36.2 30.8 46.2

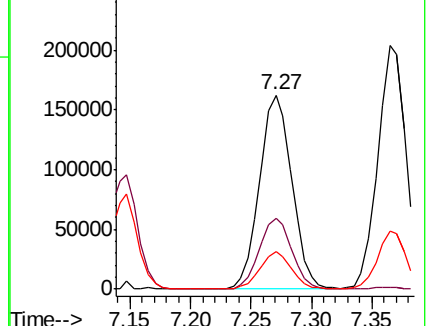
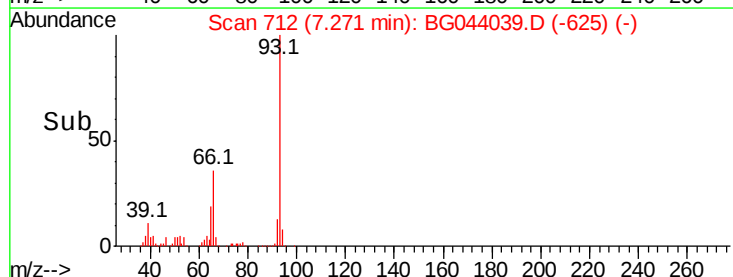
65 19.1 16.0 24.0

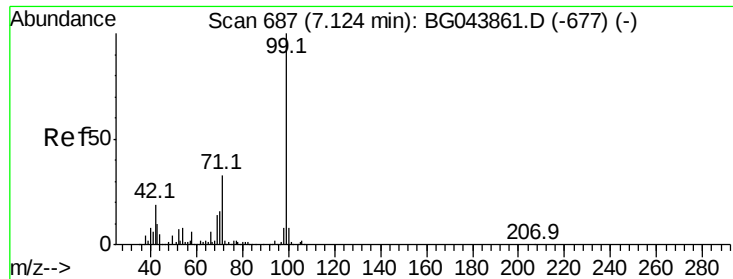


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.496 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

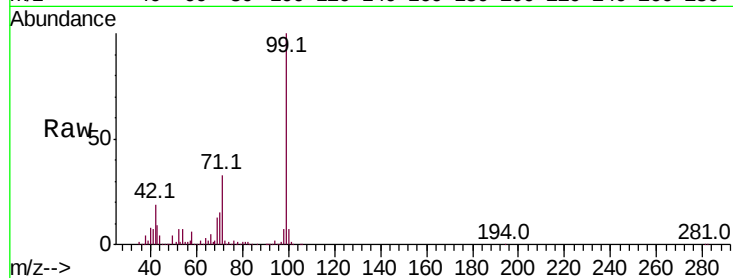
Tot Ion: 99 Resp: 1043584

Ion Ratio Lower Upper

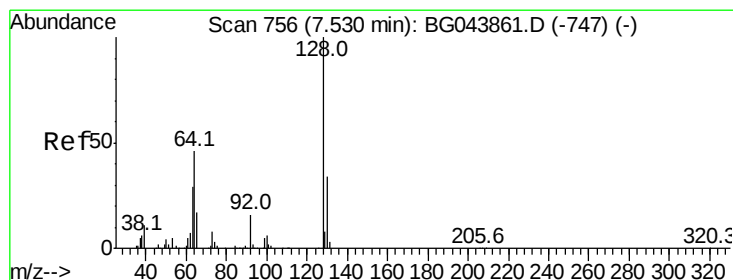
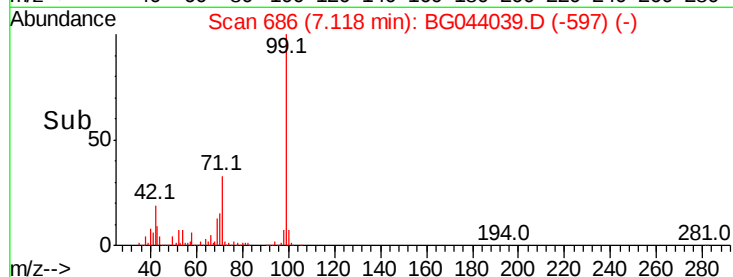
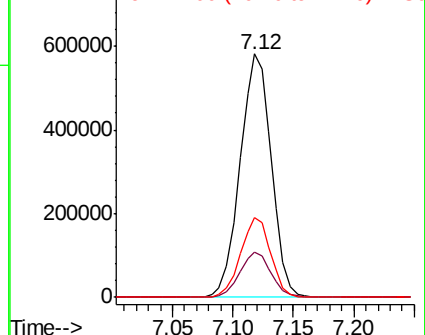
99 100

42 18.5 14.9 22.3

71 32.8 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: 46.375 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

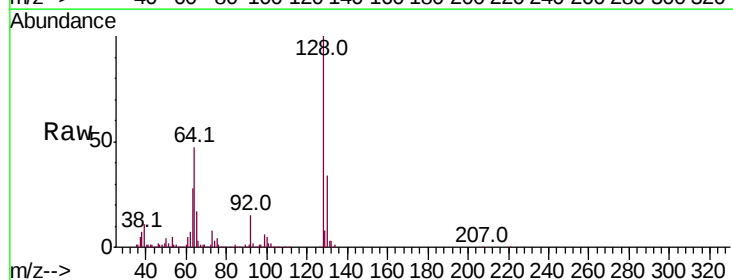
Tgt Ion:128 Resp: 351925

Ion Ratio Lower Upper

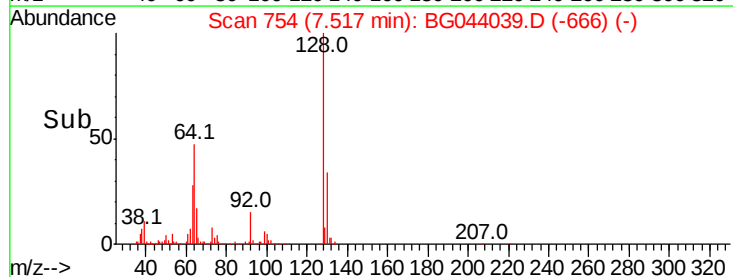
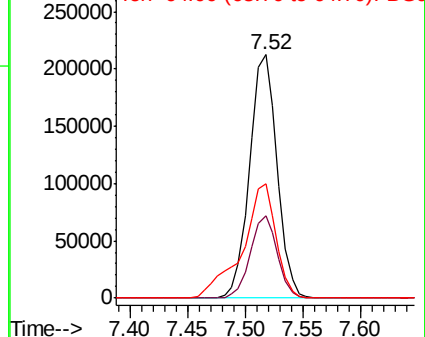
128 100

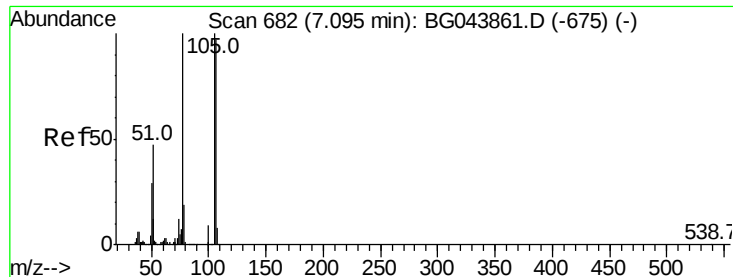
130 34.0 13.8 53.8

64 46.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 32.798 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

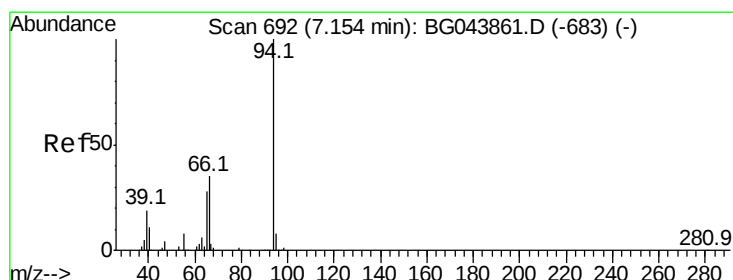
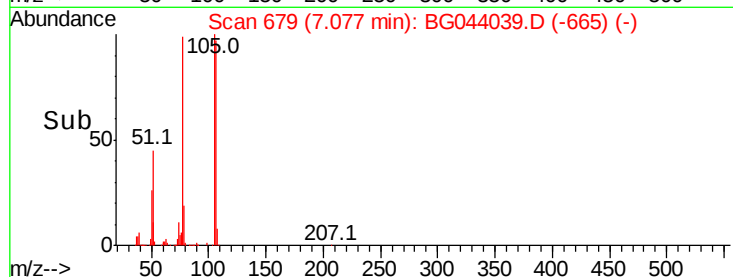
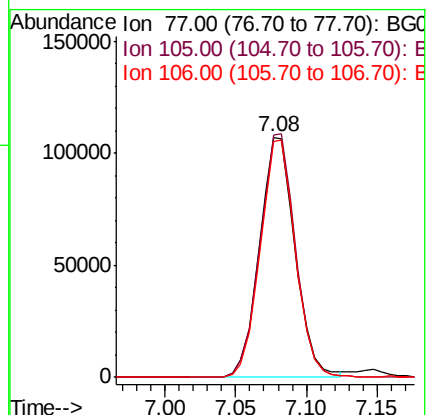
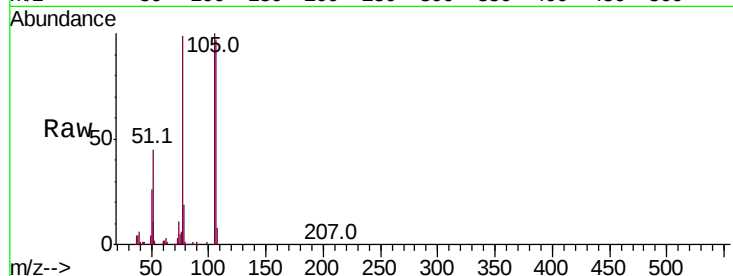
Tot Ion: 77 Resp: 189672

Ion Ratio Lower Upper

77 100

105 101.2 80.2 120.2

106 98.5 77.2 117.2



#10

Phenol

Concen: 47.920 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

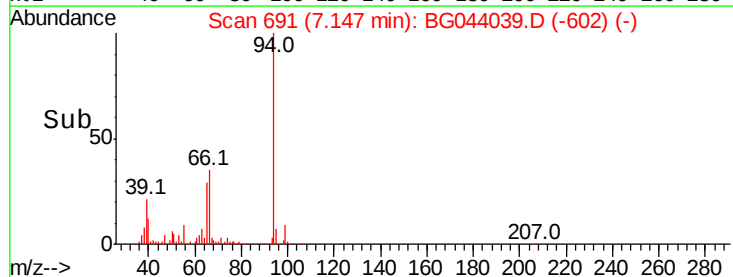
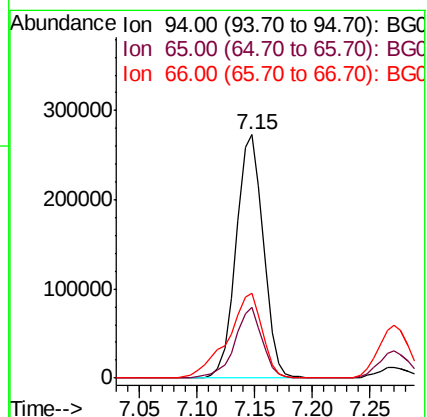
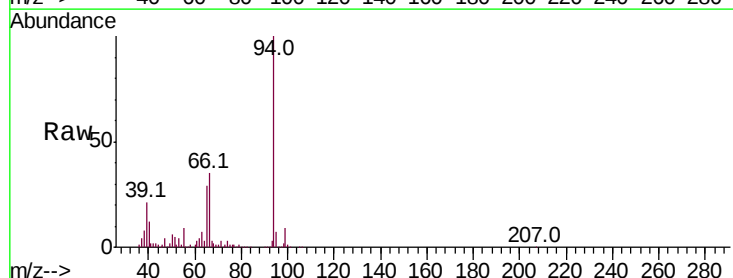
Tgt Ion: 94 Resp: 446117

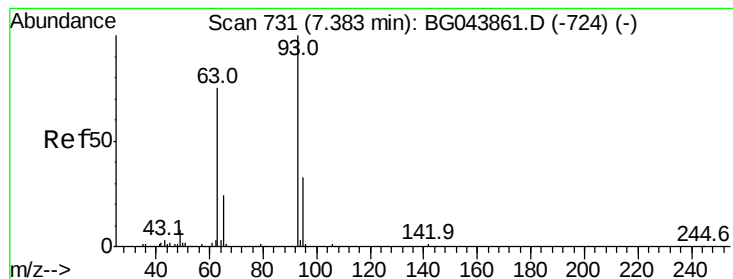
Ion Ratio Lower Upper

94 100

65 29.0 8.1 48.1

66 35.0 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 41.598 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampled :

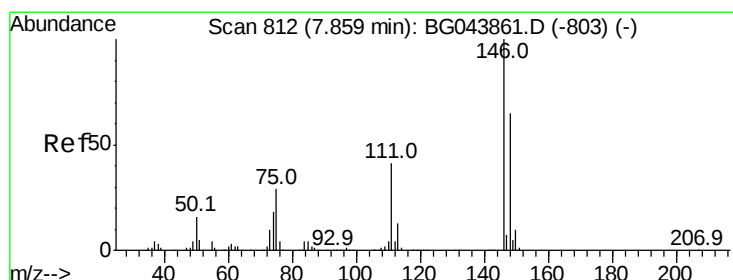
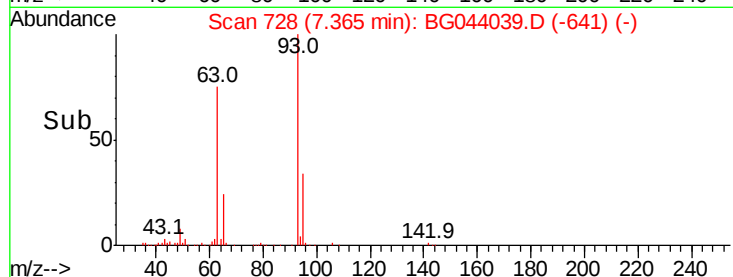
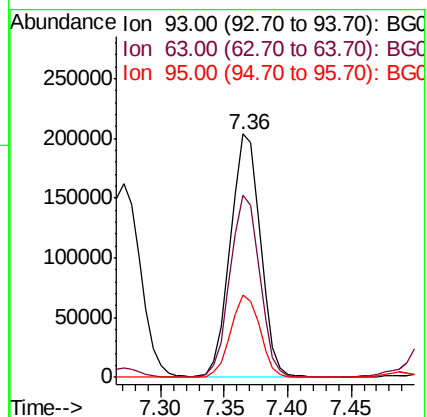
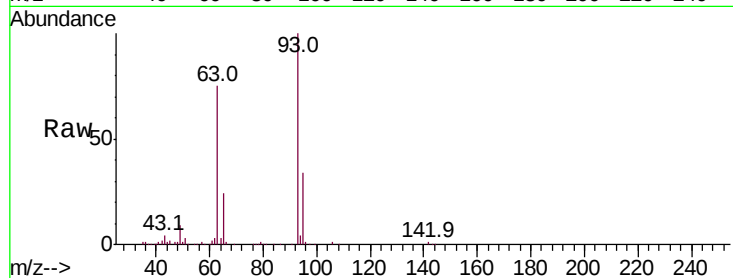
Tot Ion: 93 Resp: 334285

Ion Ratio Lower Upper

93 100

63 74.9 55.0 95.0

95 34.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 42.304 ng

RT: 7.83 min Scan# 808

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

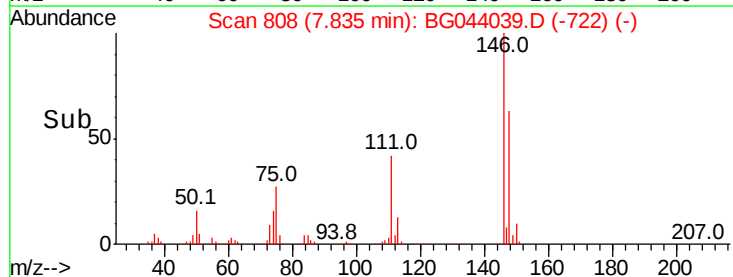
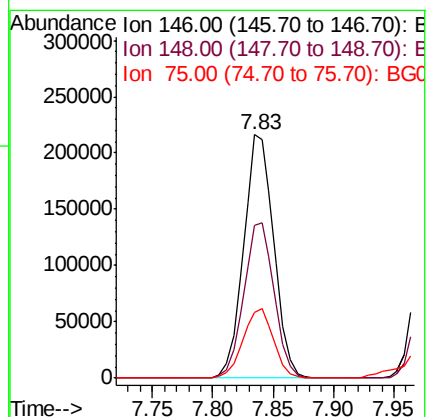
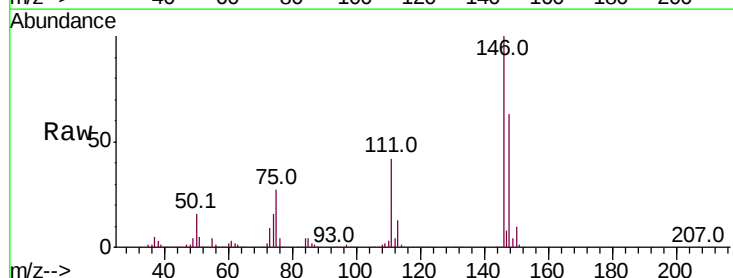
Tgt Ion: 146 Resp: 375675

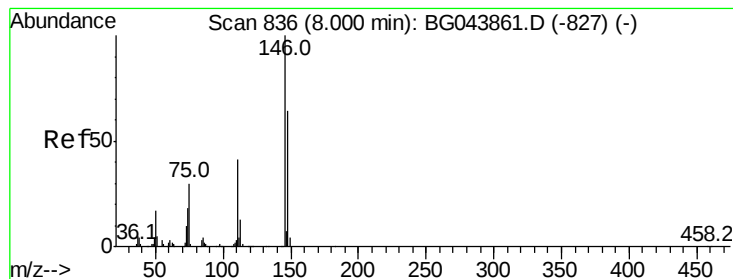
Ion Ratio Lower Upper

146 100

148 62.5 52.1 78.1

75 27.1 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 42.894 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampled :

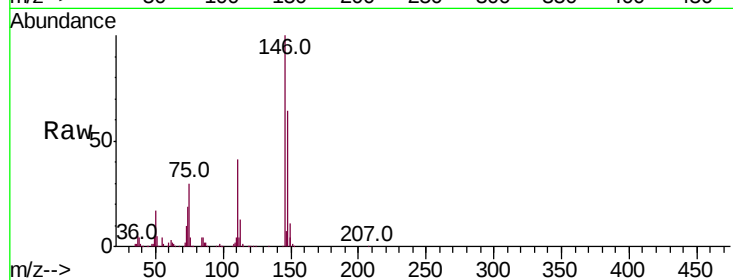
Tot Ion:146 Resp: 375838

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

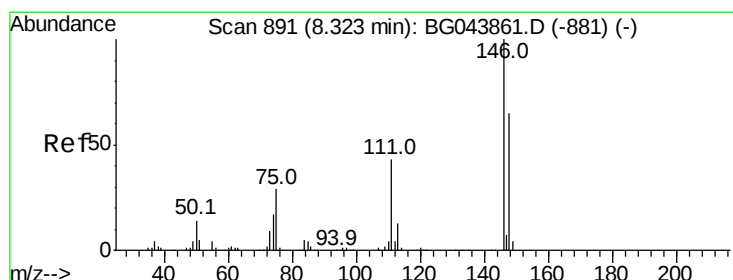
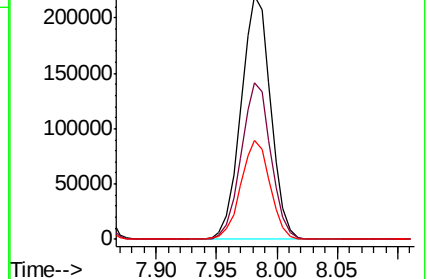
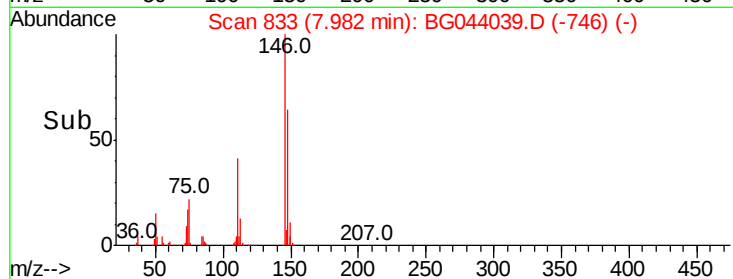
111 40.7 33.1 49.7



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: 42.223 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

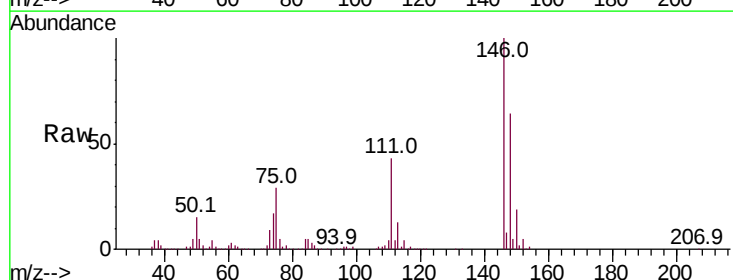
Tgt Ion:146 Resp: 355103

Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

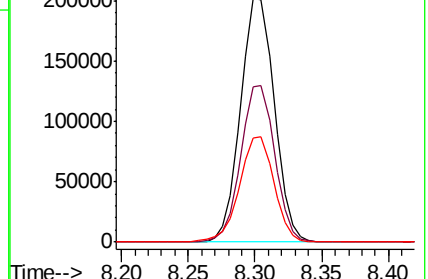
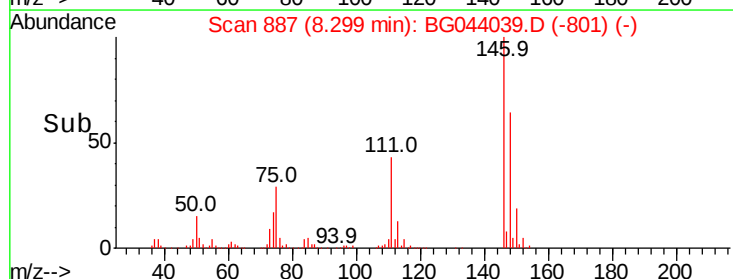
111 42.9 34.4 51.6

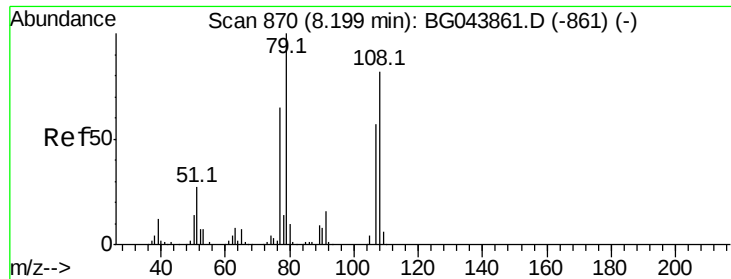


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

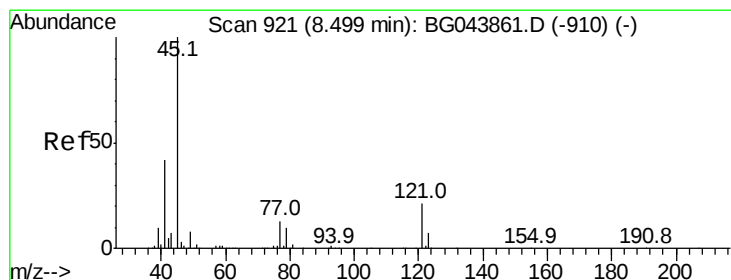
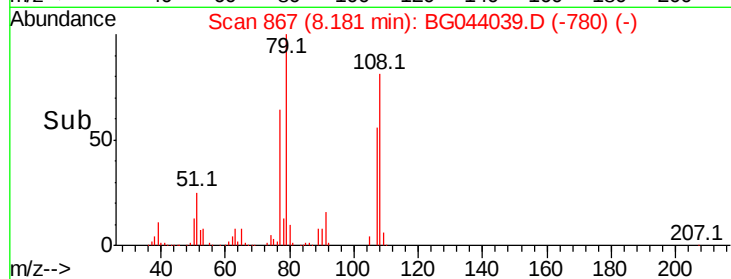
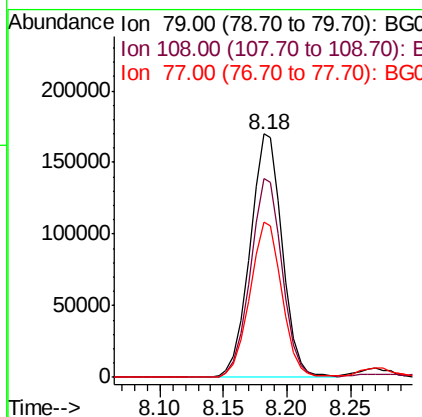
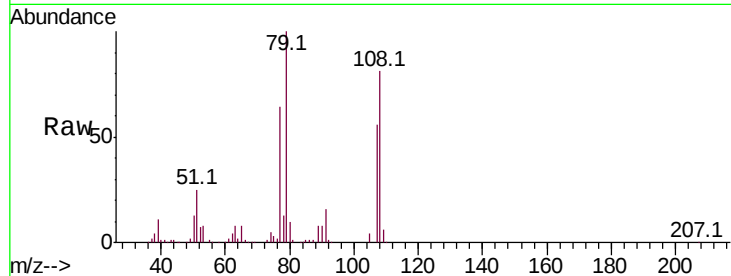




#15
Benzyl Alcohol
Concen: 41.989 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

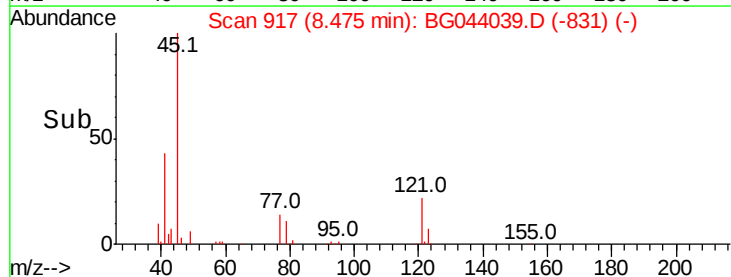
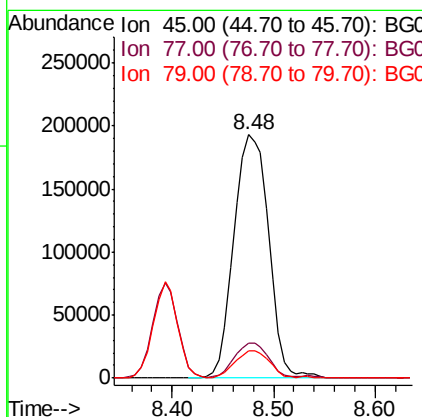
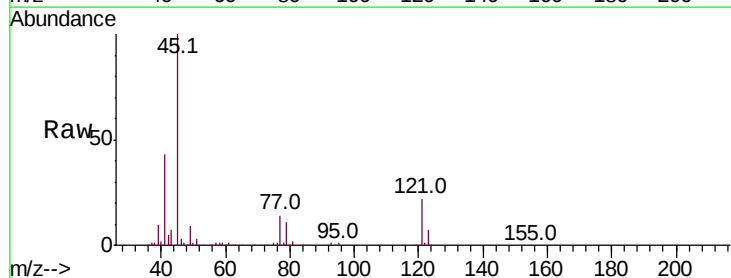
Instrument :
BNA_G
ClientSampled :

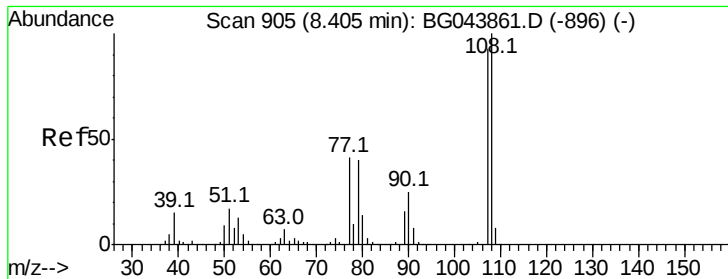
Tot Ion: 79 Resp: 299429
Ion Ratio Lower Upper
79 100
108 81.4 65.6 98.4
77 63.7 52.0 78.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.982 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion: 45 Resp: 459784
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.8
79 11.1 0.0 31.0





#17

2-Methylphenol

Concen: 45.013 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 303254

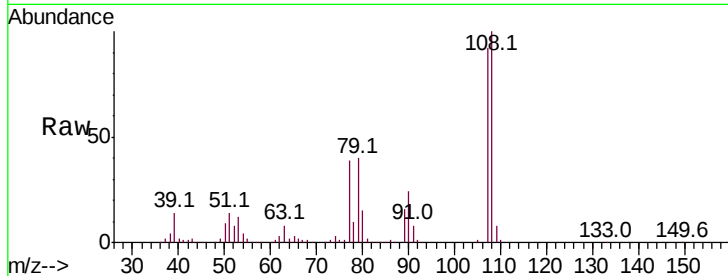
Ion Ratio Lower Upper

107 100

108 108.3 86.1 129.1

77 42.3 35.4 53.0

79 43.1 34.8 52.2

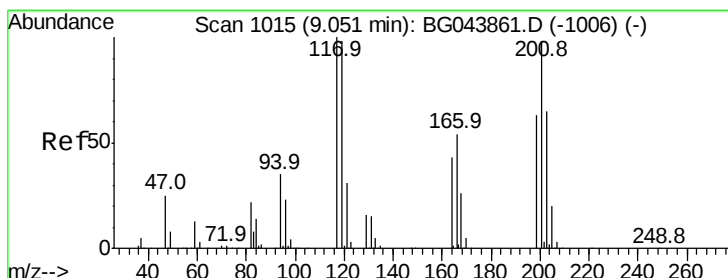
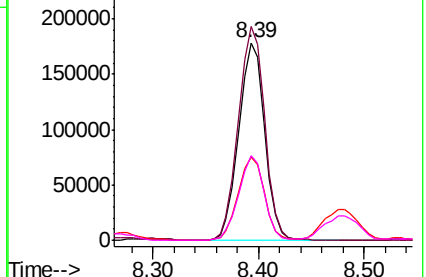
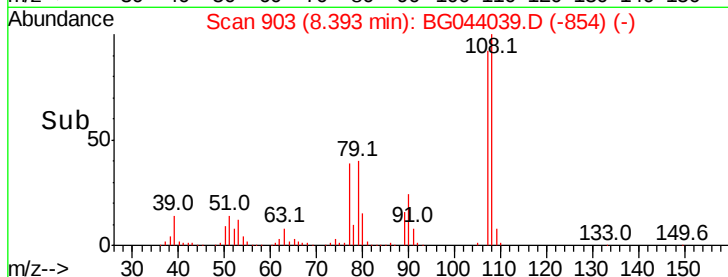


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.490 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

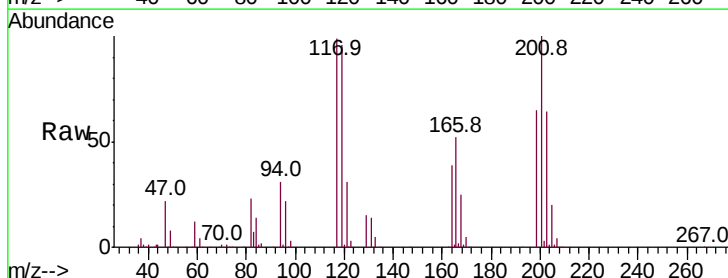
Tgt Ion:117 Resp: 141458

Ion Ratio Lower Upper

117 100

119 96.8 78.1 117.1

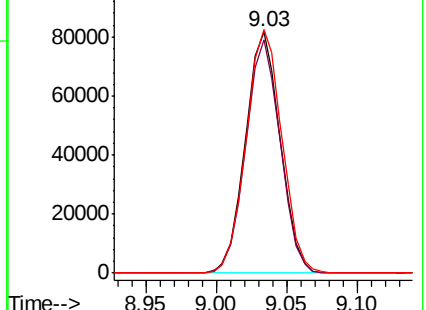
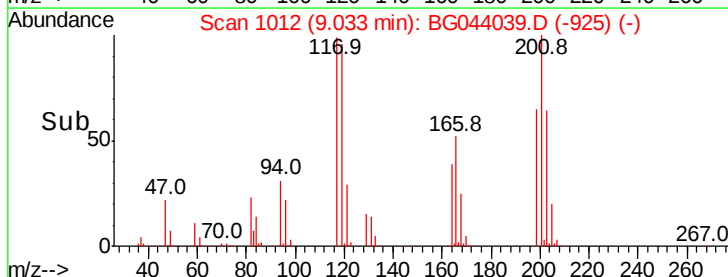
201 100.9 78.6 117.8

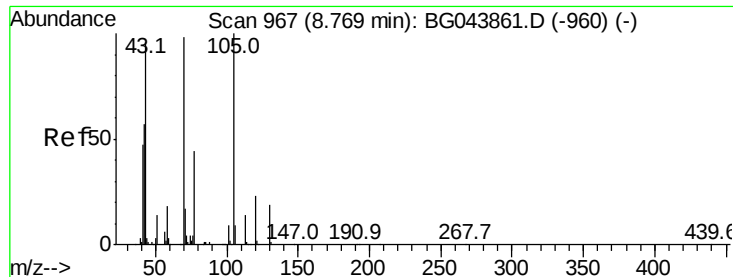


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.515 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 259164

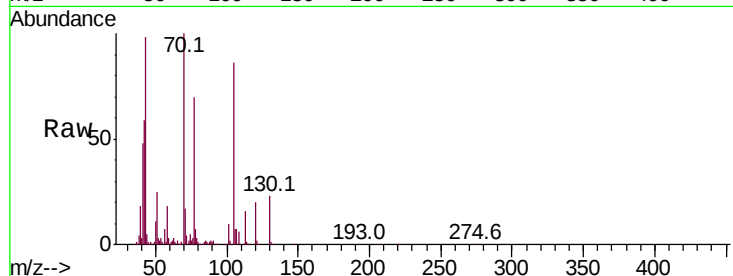
Ion Ratio Lower Upper

70 100

42 58.7 47.0 70.4

101 10.4 7.2 10.8

130 22.6 15.6 23.4

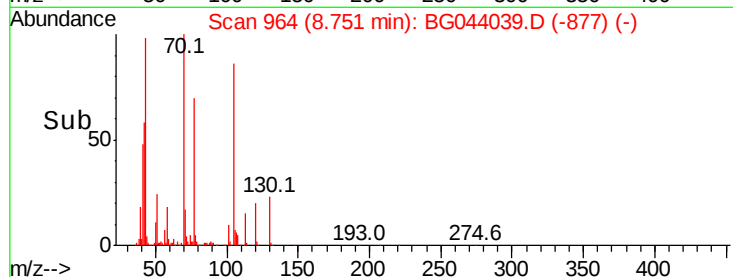
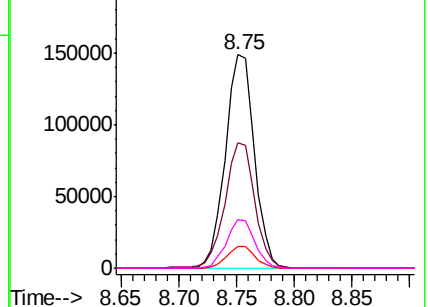


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 43.828 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Tgt Ion:107 Resp: 411910

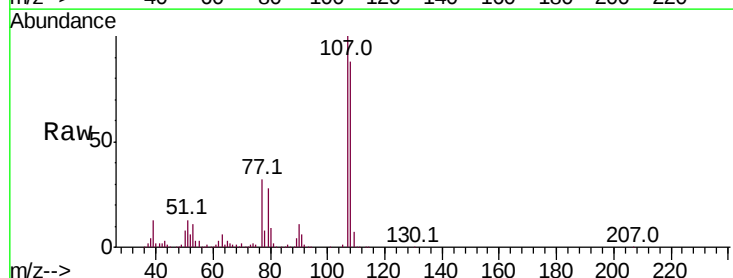
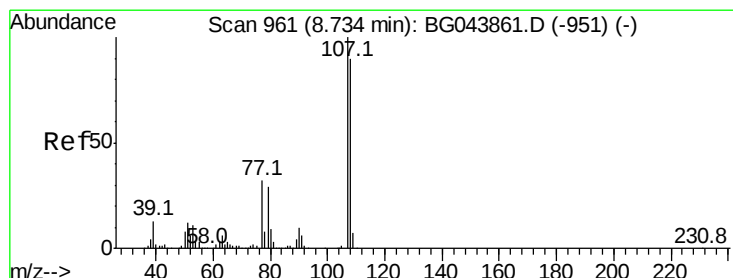
Ion Ratio Lower Upper

107 100

108 88.4 70.3 110.3

77 32.3 12.4 52.4

79 27.8 8.6 48.6

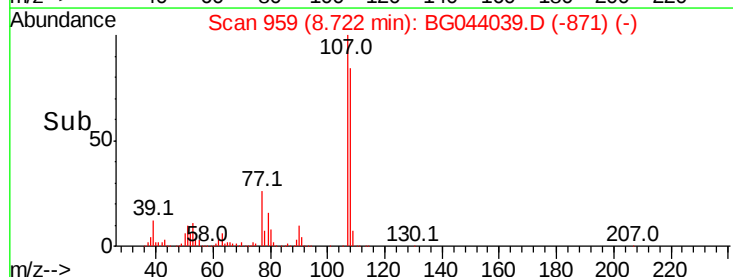
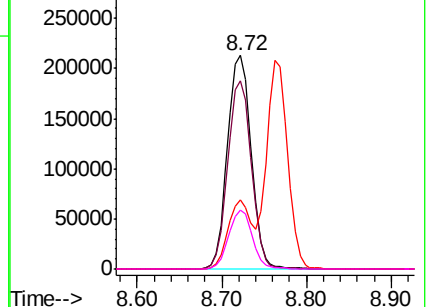


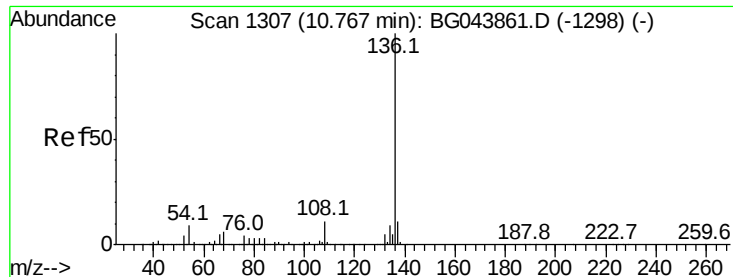
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 478962

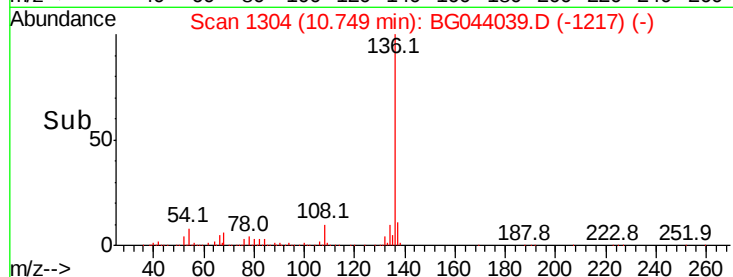
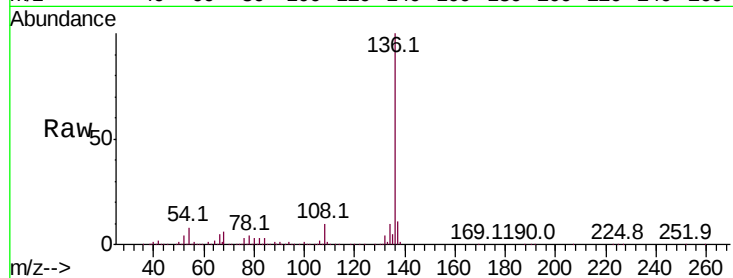
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.7 7.0 10.4

68 5.6 4.9 7.3

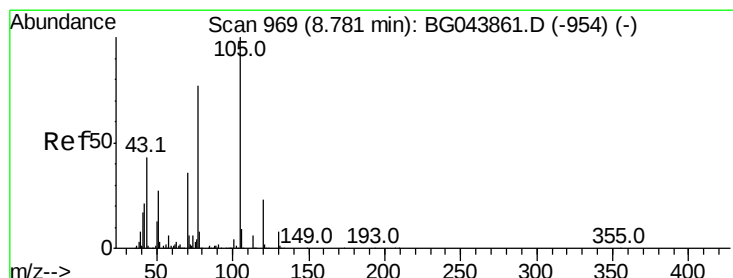
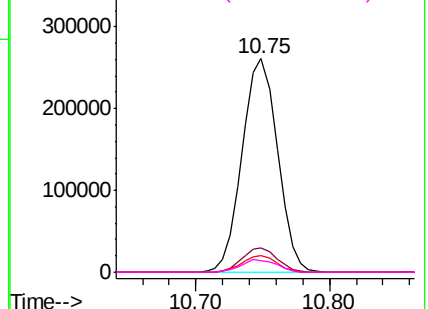


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.134 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Tgt Ion:105 Resp: 477891

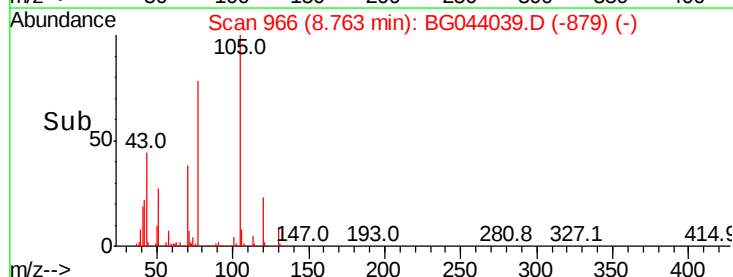
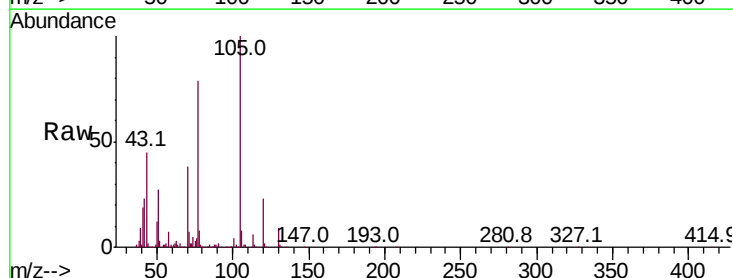
Ion Ratio Lower Upper

105 100

71 6.8 4.8 7.2

51 27.1 21.4 32.0

120 22.9 18.6 28.0

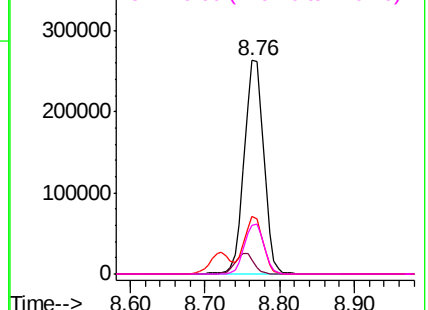


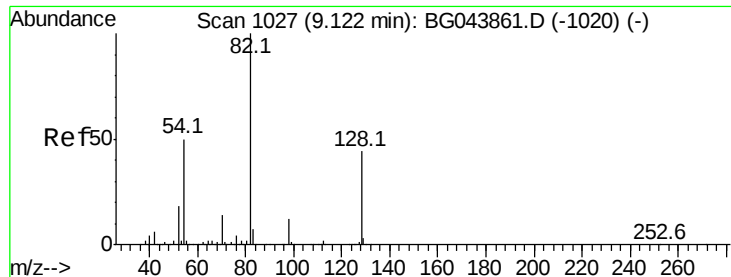
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

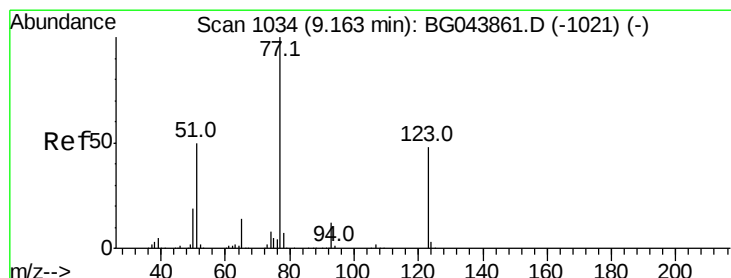
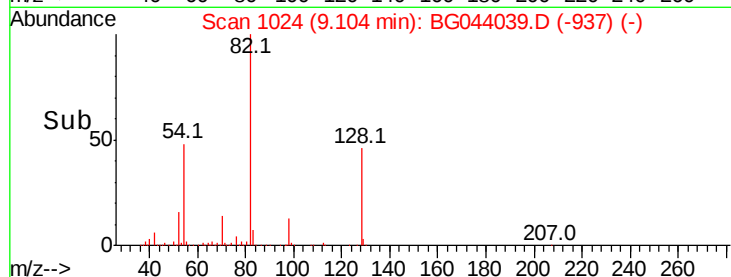
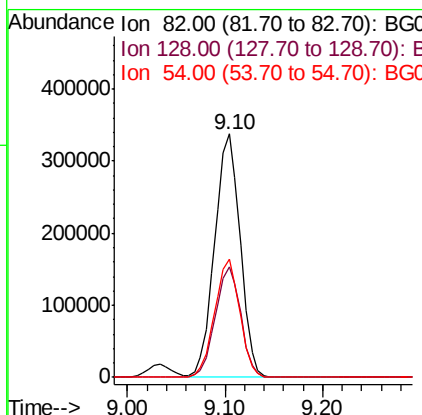
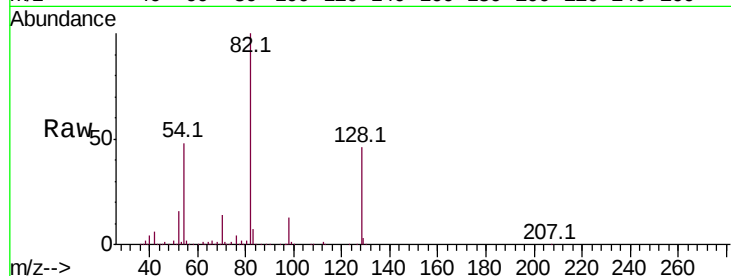




#23
Nitrobenzene-d5
Concen: 68.337 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

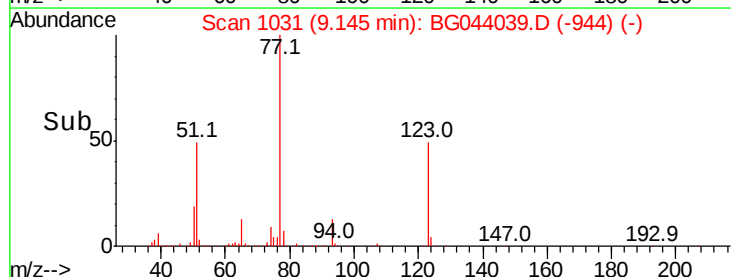
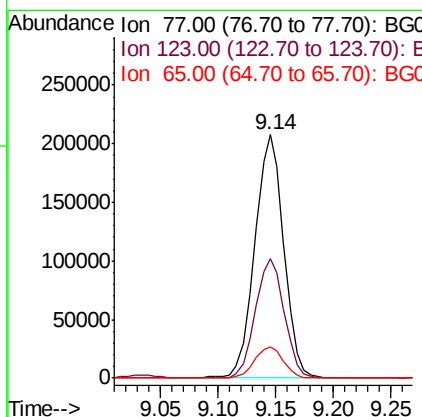
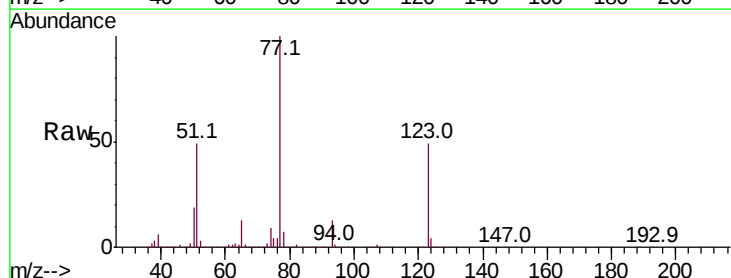
Instrument :
BNA_G
ClientSampled :

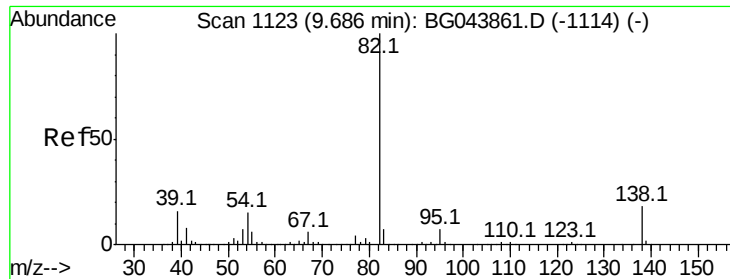
Tot Ion: 82 Resp: 611837
Ion Ratio Lower Upper
82 100
128 45.6 35.1 52.7
54 48.3 40.1 60.1



#24
Nitrobenzene
Concen: 40.880 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion: 77 Resp: 362507
Ion Ratio Lower Upper
77 100
123 49.1 38.7 58.1
65 12.8 11.1 16.7





#25

Isophorone

Concen: 41.912 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

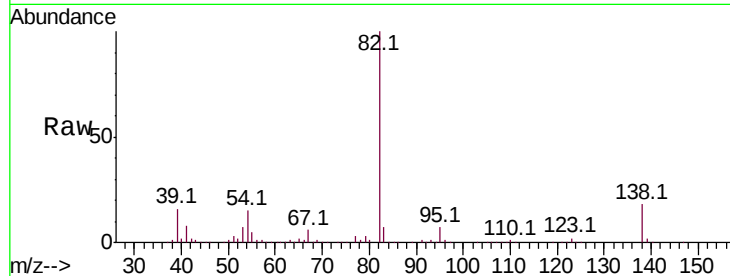
Tot Ion: 82 Resp: 704006

Ion Ratio Lower Upper

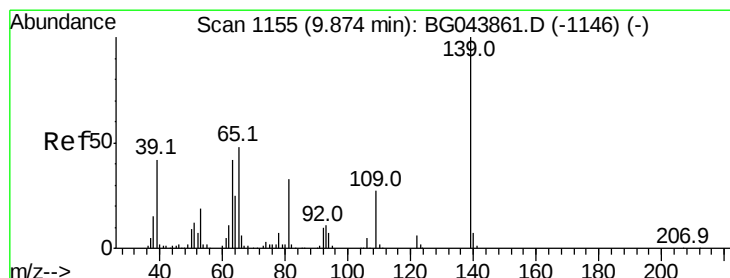
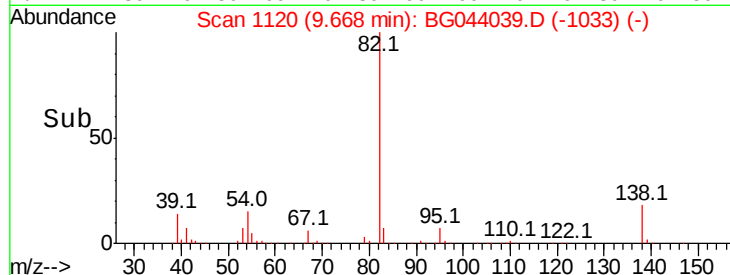
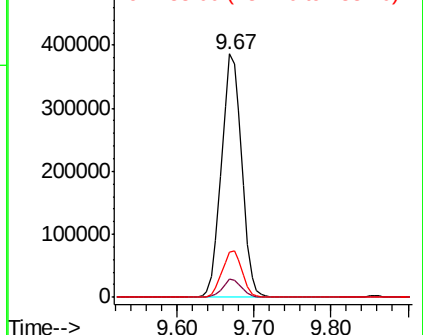
82 100

95 7.4 5.8 8.6

138 18.4 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: 48.580 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

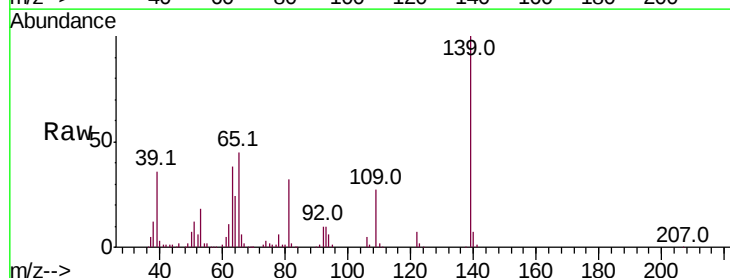
Tgt Ion:139 Resp: 203812

Ion Ratio Lower Upper

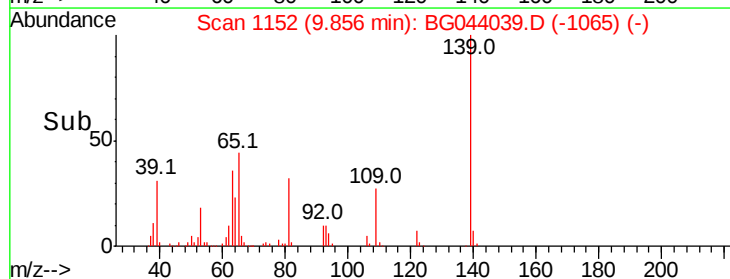
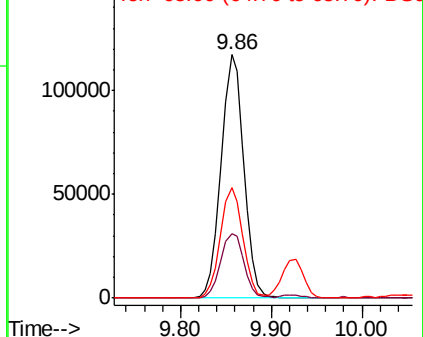
139 100

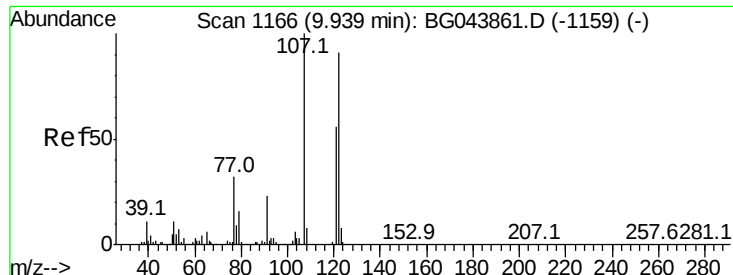
109 26.7 21.3 31.9

65 45.2 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

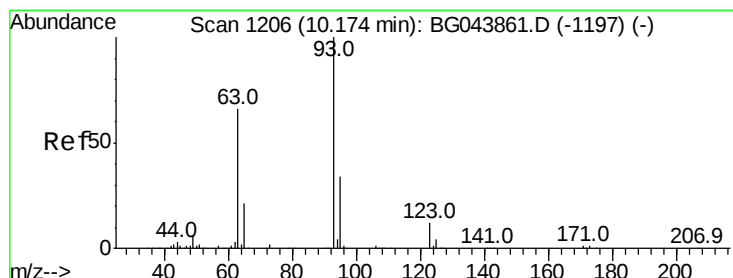
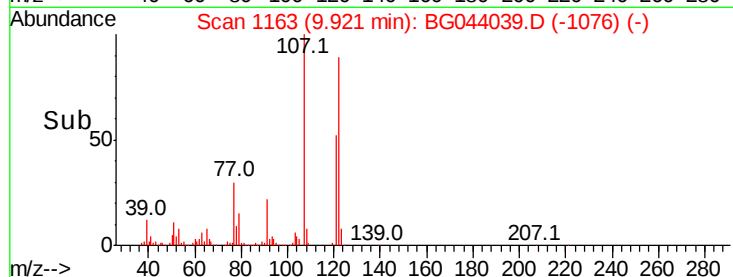
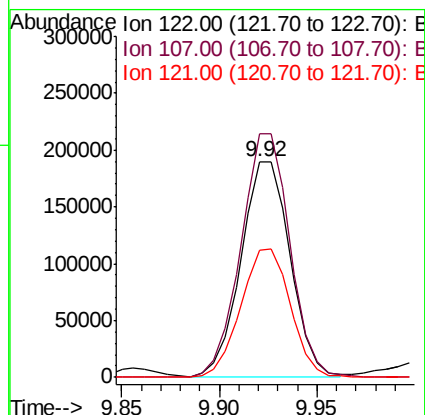
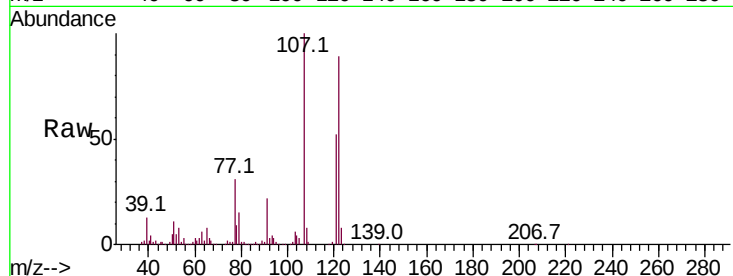




#27
2,4-Dimethylphenol
Concen: 52.566 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

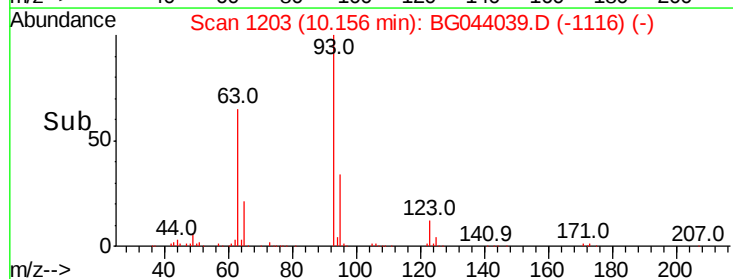
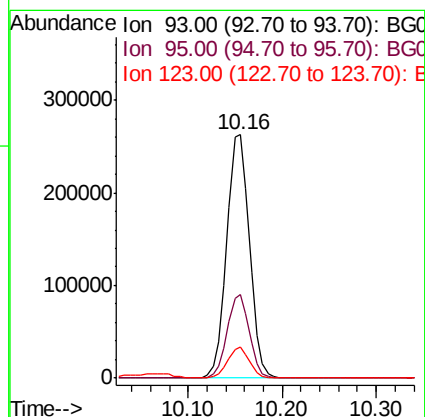
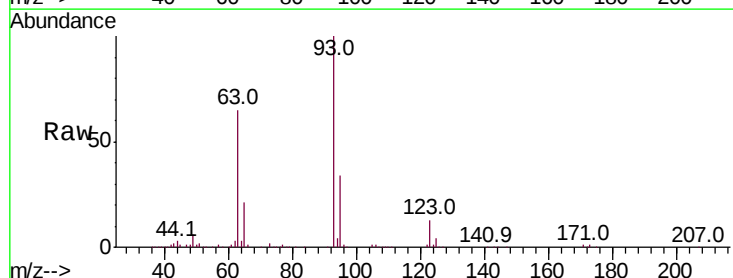
Instrument :
BNA_G
ClientSampled :

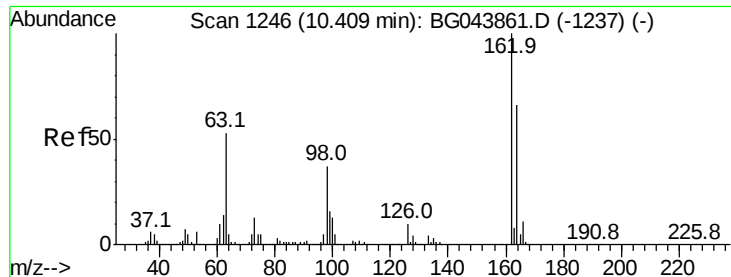
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	88.0	132.0
121	59.0	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.460 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	27.2	40.8
123	12.6	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 45.573 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

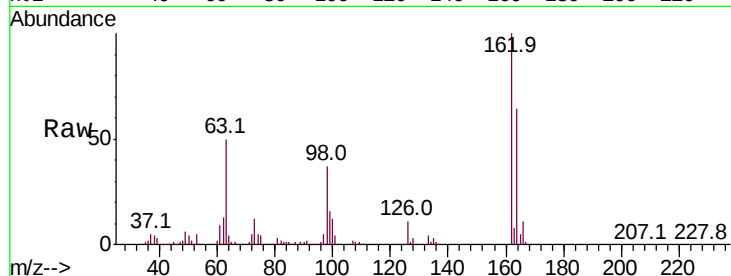
Tot Ion:162 Resp: 343303

Ion Ratio Lower Upper

162 100

164 64.4 46.3 86.3

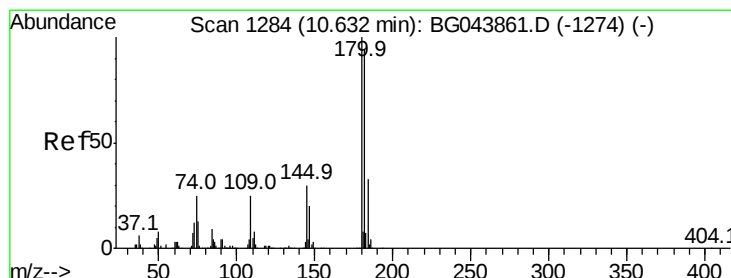
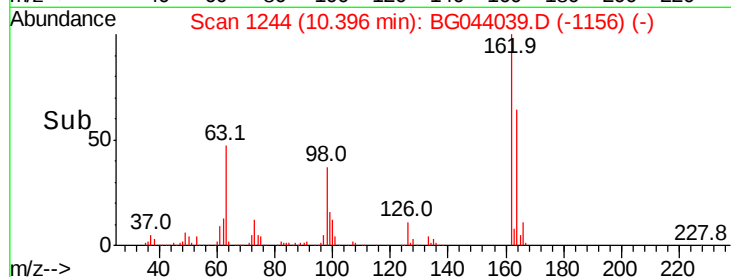
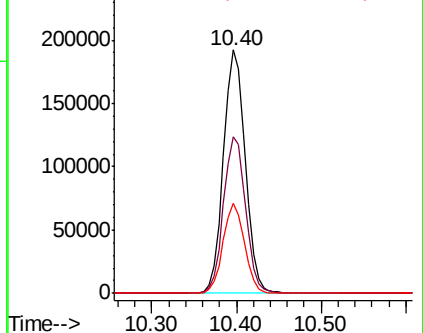
98 36.8 17.3 57.3



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: 41.554 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

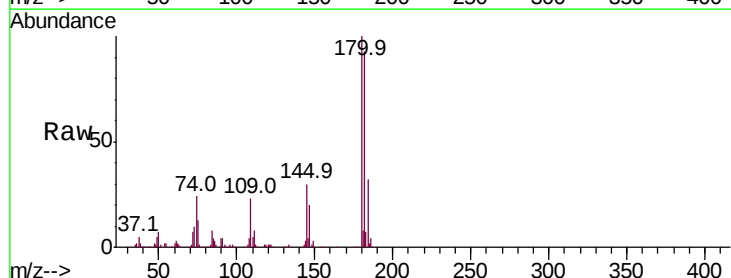
Tgt Ion:180 Resp: 350982

Ion Ratio Lower Upper

180 100

182 93.2 75.0 112.4

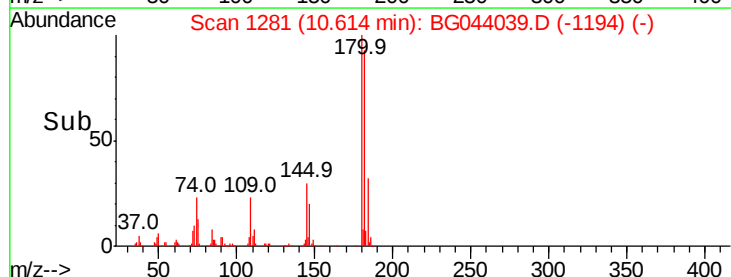
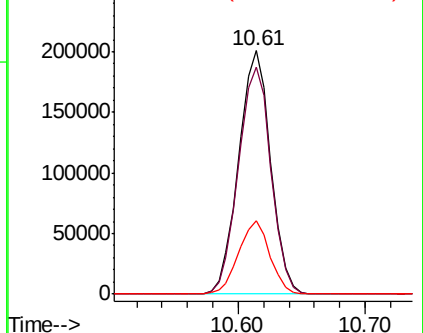
145 29.9 24.2 36.4

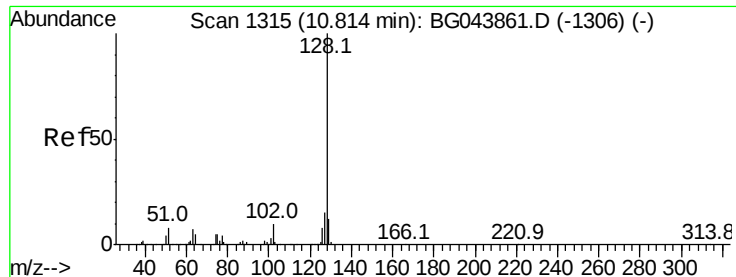


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

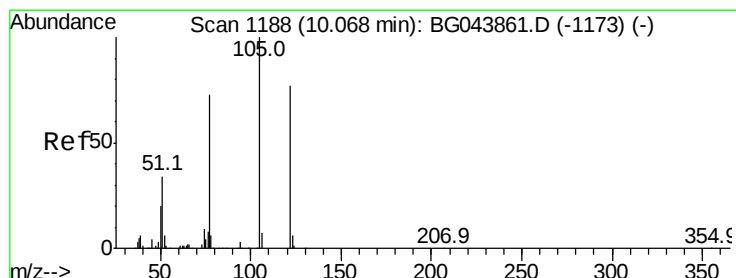
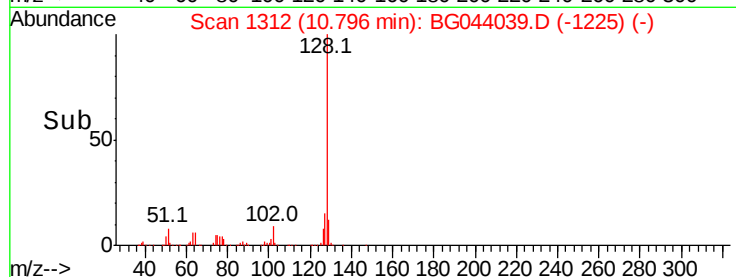
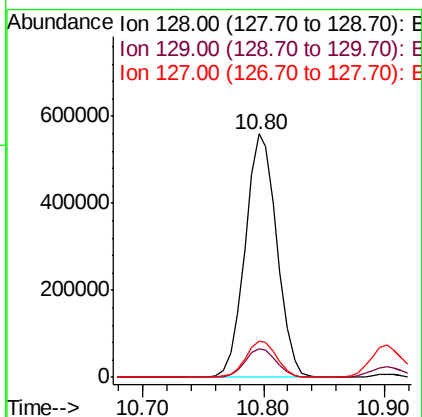
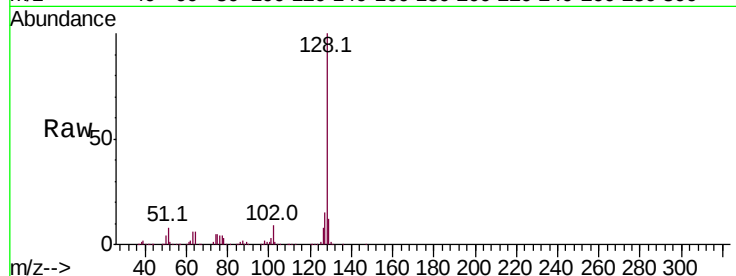




#31
Naphthalene
Concen: 43.865 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

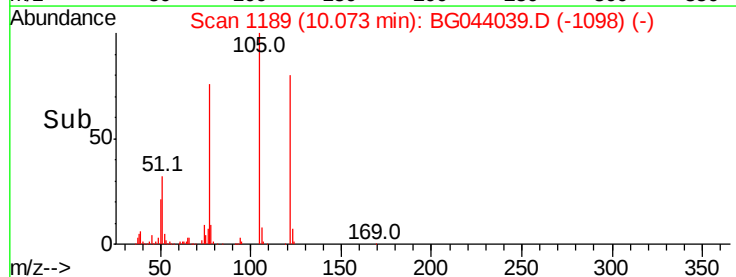
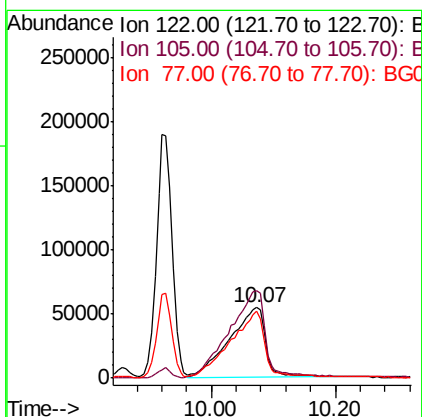
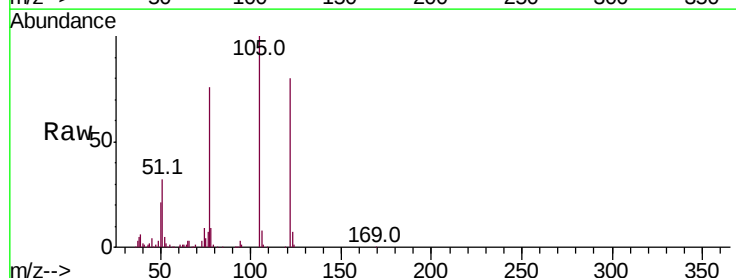
Instrument :
BNA_G
ClientSampleId :

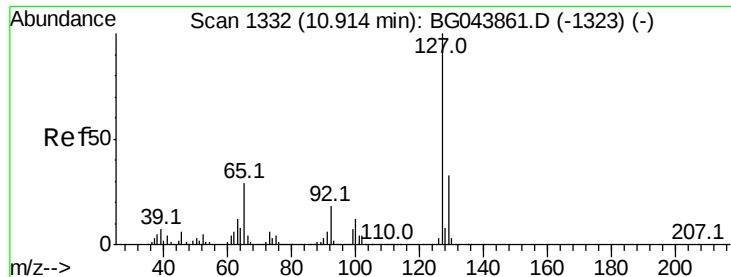
Tot Ion:128 Resp: 1016689
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 14.9 12.0 18.0



#32
Benzoic acid
Concen: 44.130 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:122 Resp: 223972
Ion Ratio Lower Upper
122 100
105 124.3 106.4 146.4
77 94.3 74.6 114.6

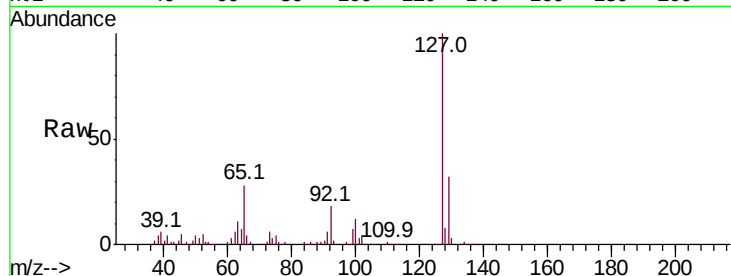




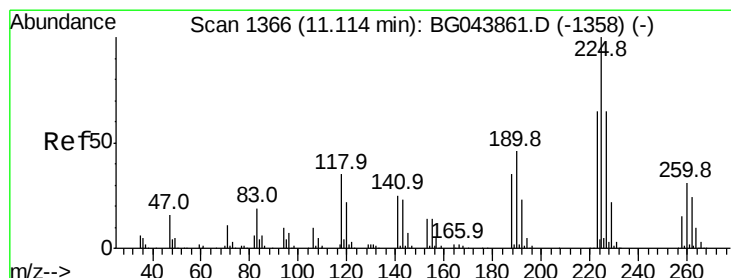
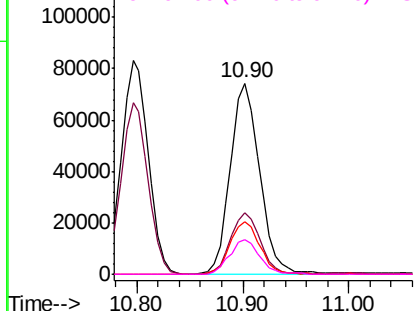
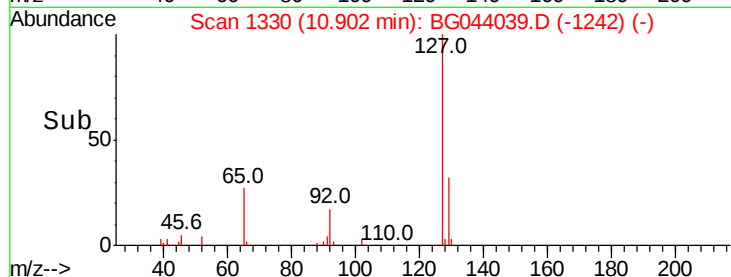
#33
4-Chloroaniline
Concen: 12.970 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	143386
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	27.6	23.3	34.9
92	17.9	14.7	22.1

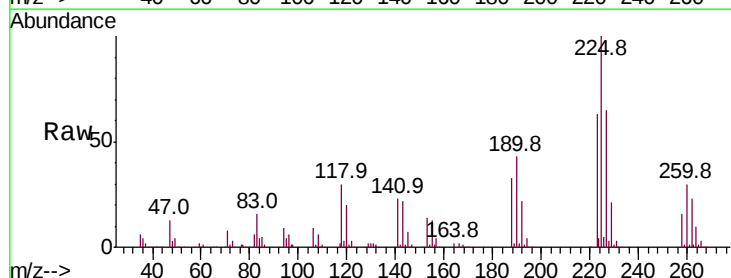


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

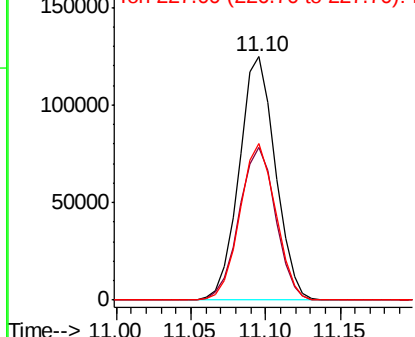
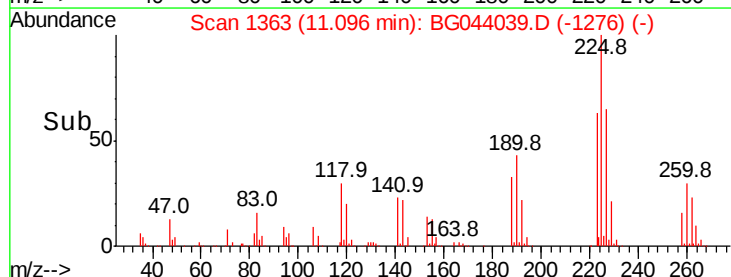


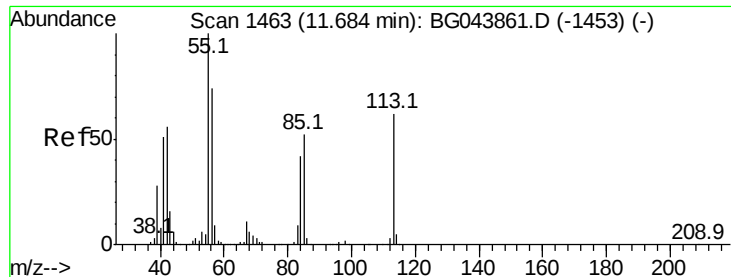
#34
Hexachlorobutadiene
Concen: 40.523 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:	225	Resp:	208977
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.4
227	64.6	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.423 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

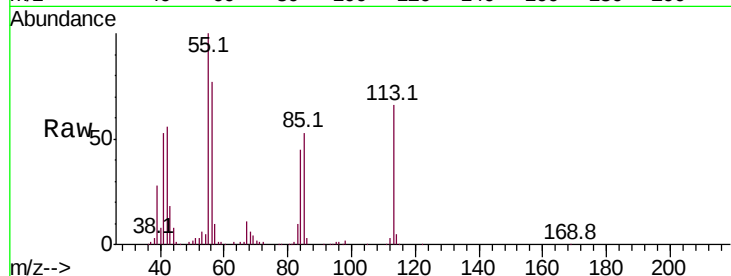
Tot Ion:113 Resp: 79707

Ion Ratio Lower Upper

113 100

55 150.5 142.5 182.5

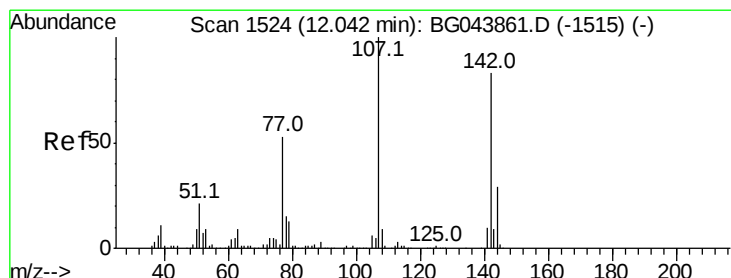
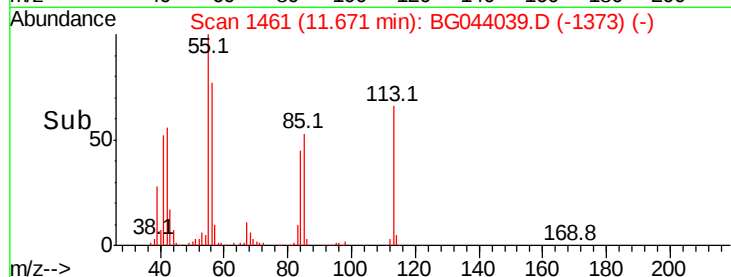
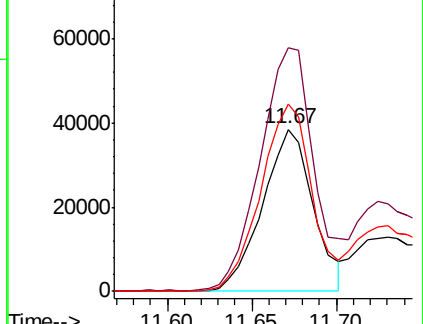
56 116.0 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.747 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

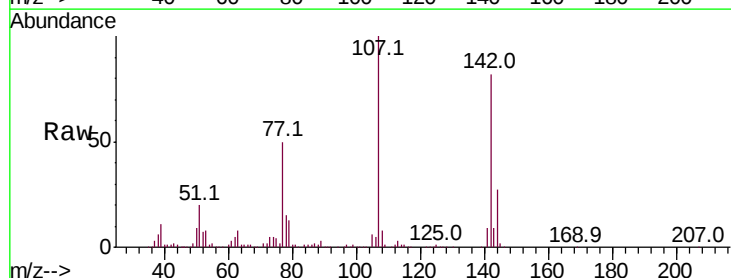
Tgt Ion:107 Resp: 358843

Ion Ratio Lower Upper

107 100

144 26.7 23.4 35.2

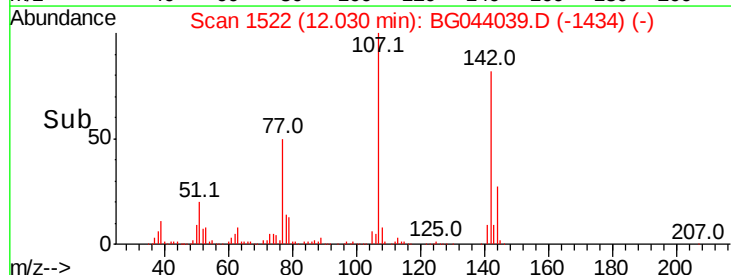
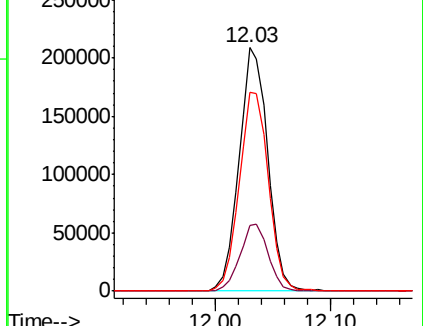
142 81.8 66.3 99.5

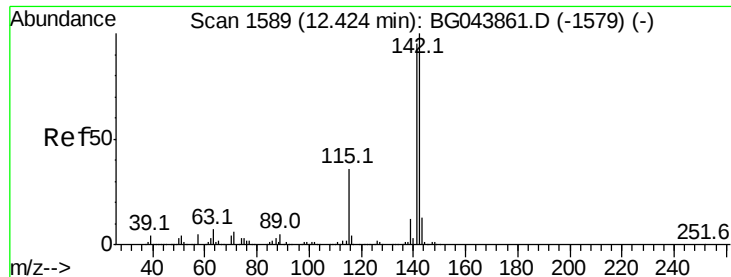


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

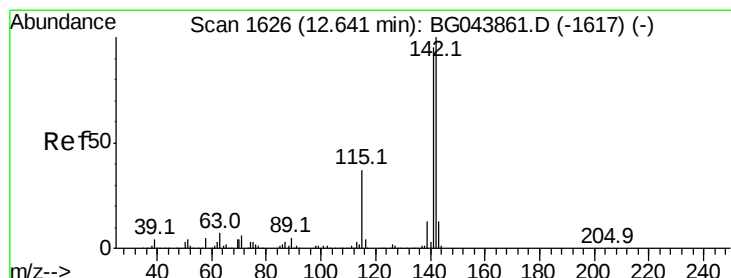
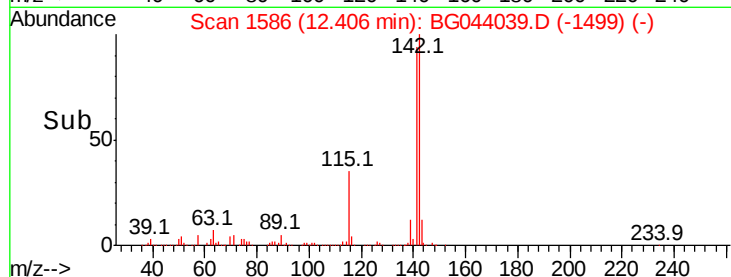
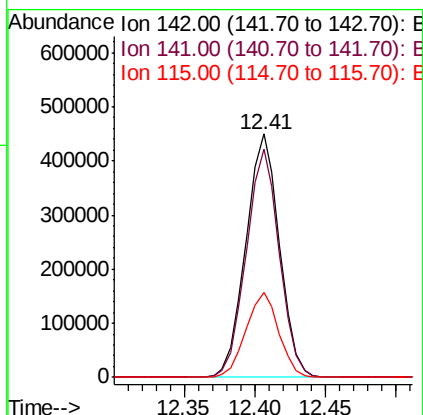
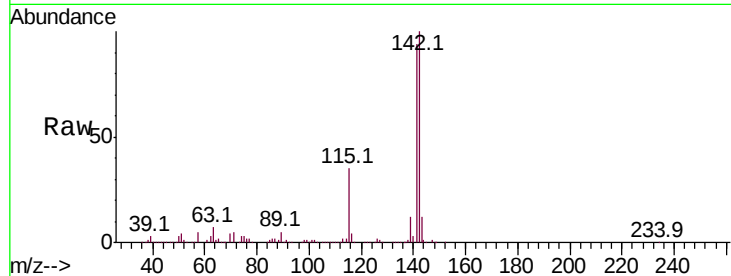




#37
2-Methylnaphthalene
Concen: 43.005 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

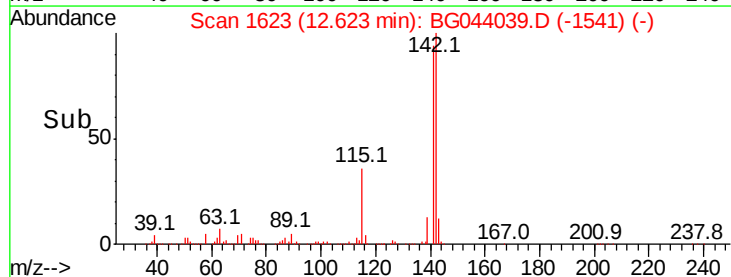
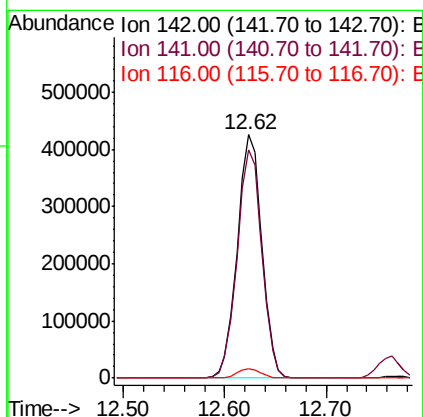
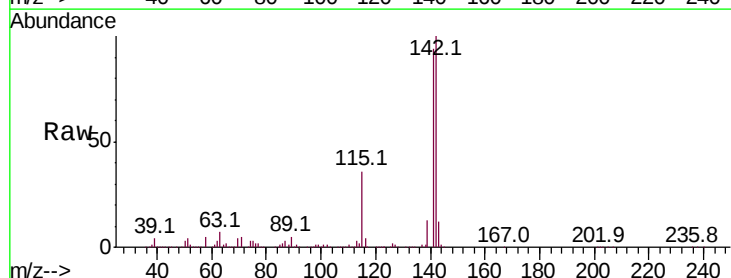
Instrument :
BNA_G
ClientSampleId :

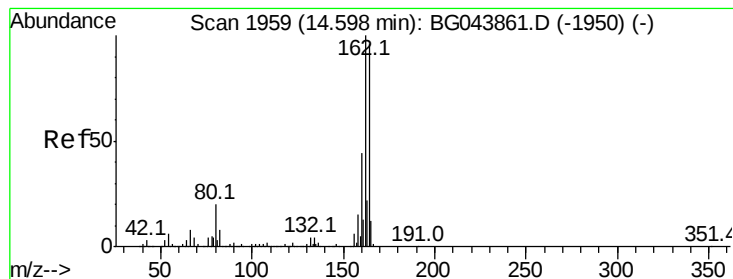
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.8
115	34.8	28.6	42.8



#38
1-Methylnaphthalene
Concen: 43.174 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.0	114.0
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

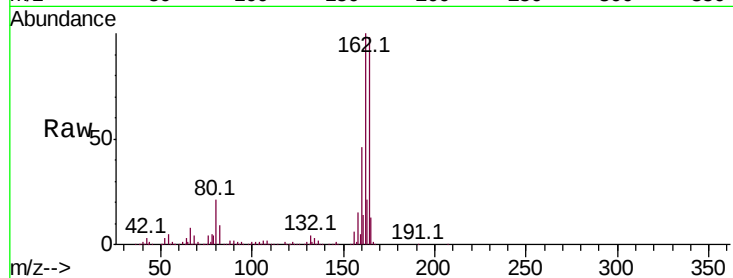
Tot Ion:164 Resp: 299908

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

160 46.7 36.1 54.1

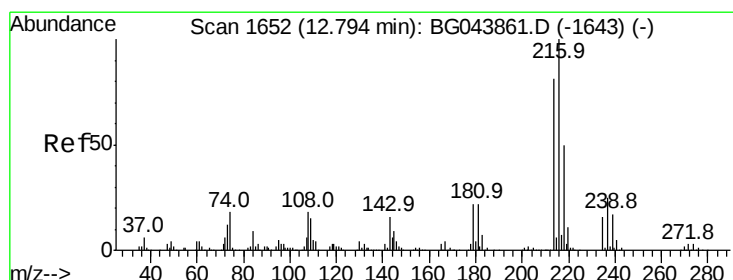
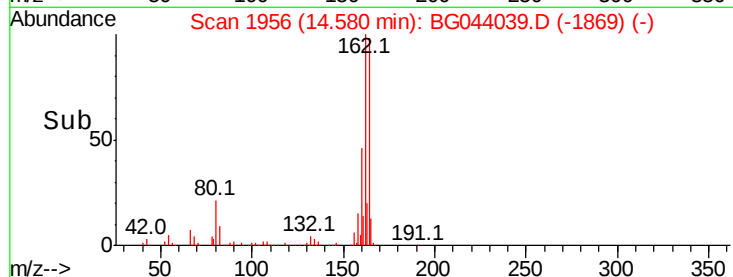
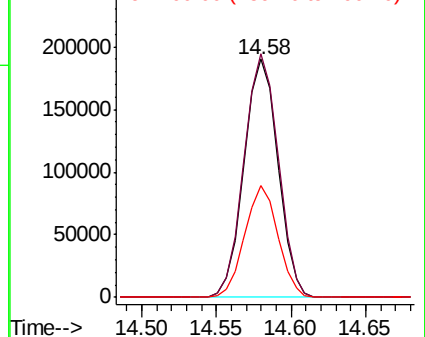


Abundance

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: 40.846 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Tgt Ion:216 Resp: 359048

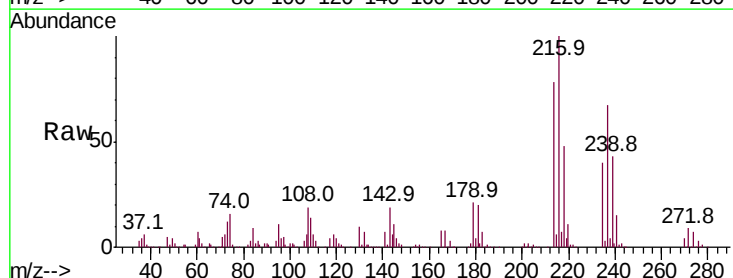
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.1 17.3 25.9

108 20.7 15.3 22.9



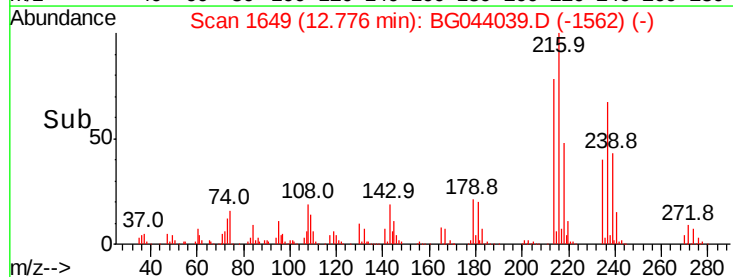
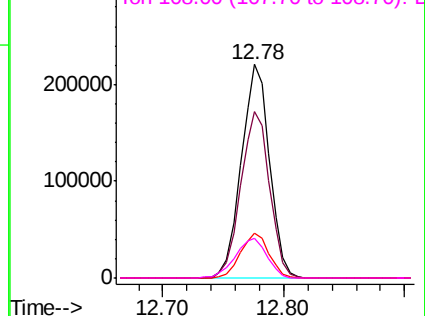
Abundance

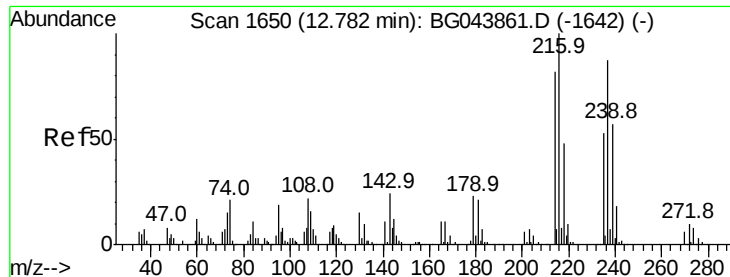
Ion 216.00 (215.70 to 216.70): E

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: 109.455 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

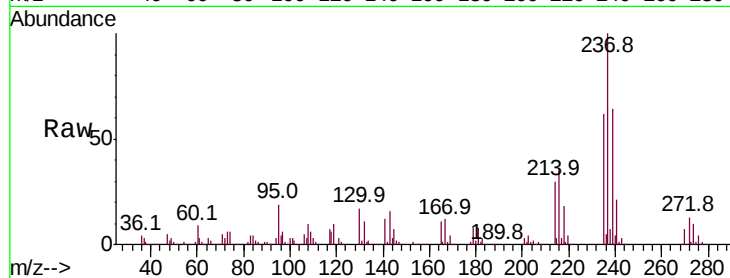
Tot Ion:237 Resp: 498814

Ion Ratio Lower Upper

237 100

235 62.2 41.1 81.1

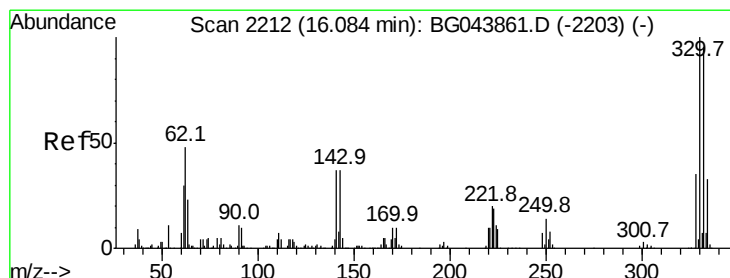
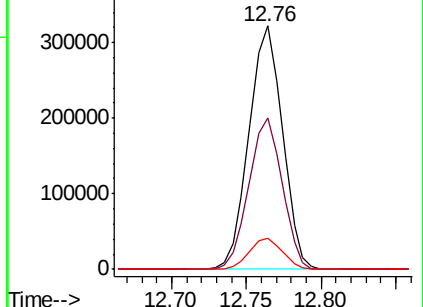
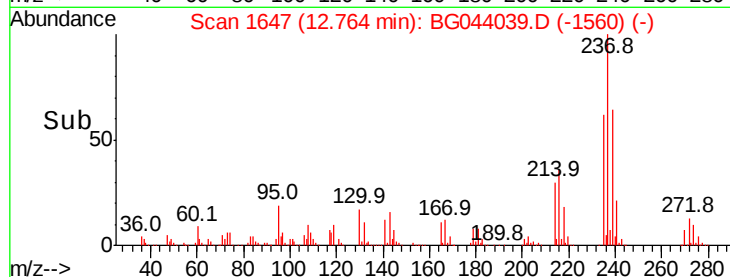
272 12.6 0.0 31.7



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: 120.954 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

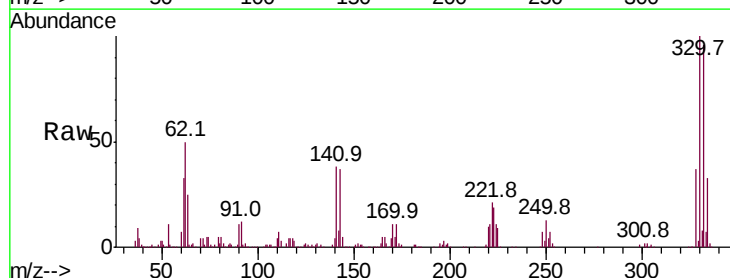
Tgt Ion:330 Resp: 379612

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

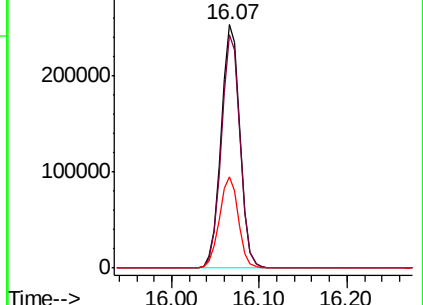
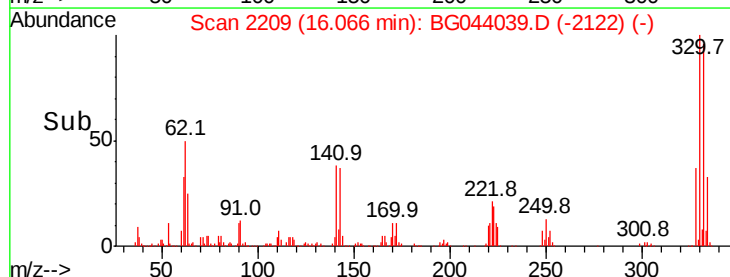
141 37.9 33.1 49.7

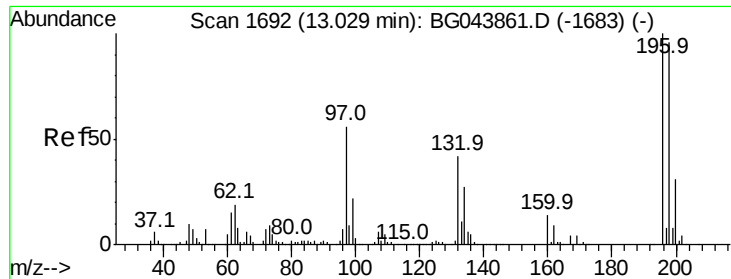


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

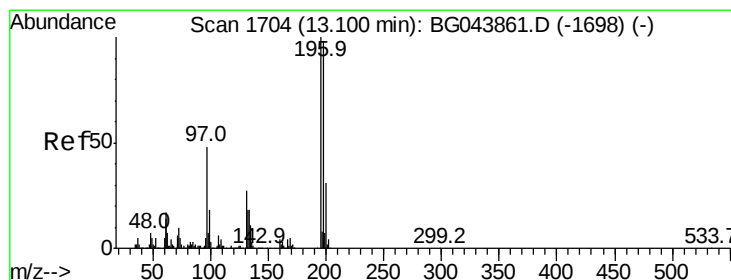
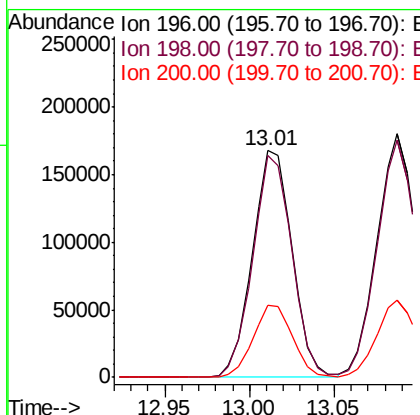
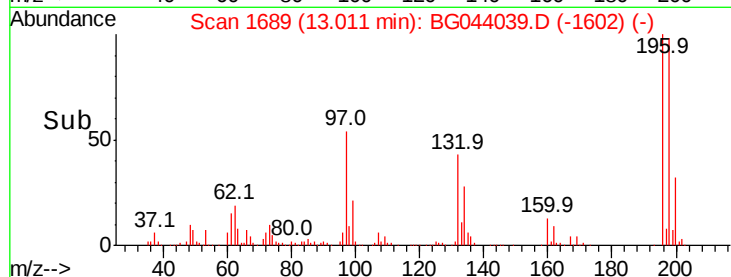
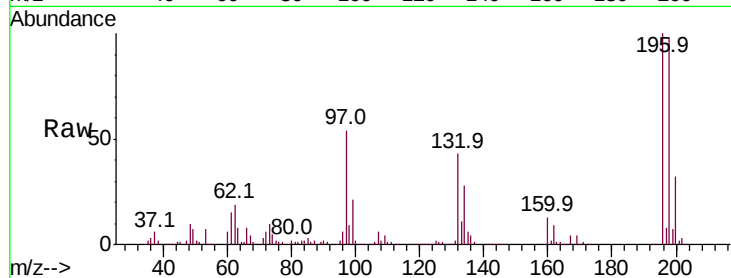




#43
 2,4,6-Trichlorophenol
 Concen: 45.325 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

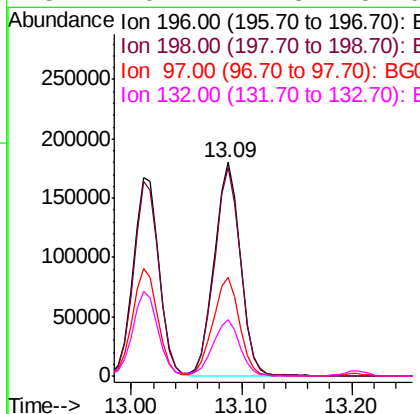
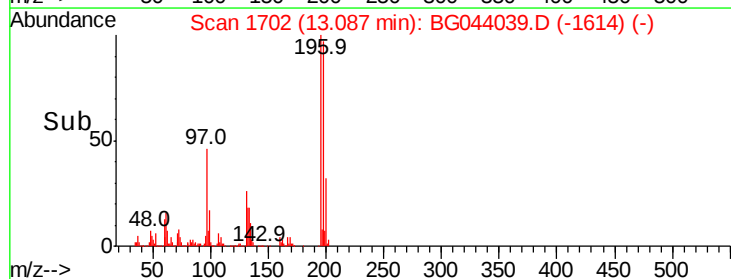
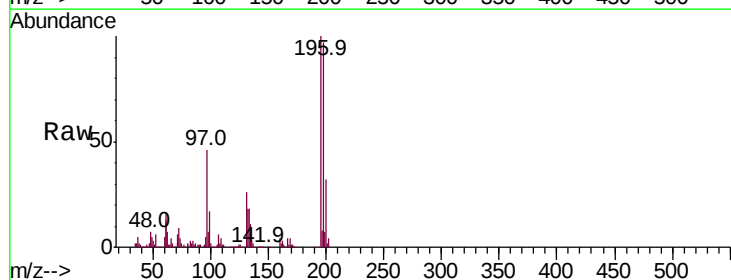
Instrument :
 BNA_G
 ClientSampled :

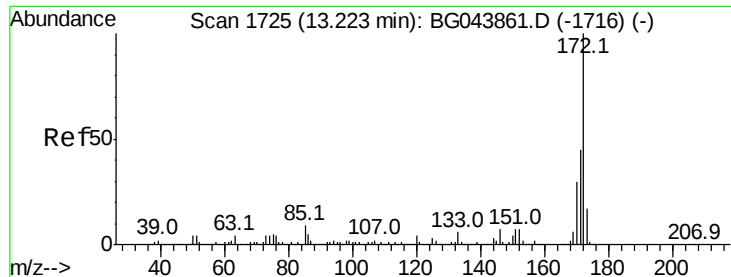
Tot Ion:196 Resp: 274143
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.6 115.0
 200 31.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.037 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:196 Resp: 293426
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.3 117.5
 97 46.1 38.8 58.2
 132 26.4 21.3 31.9



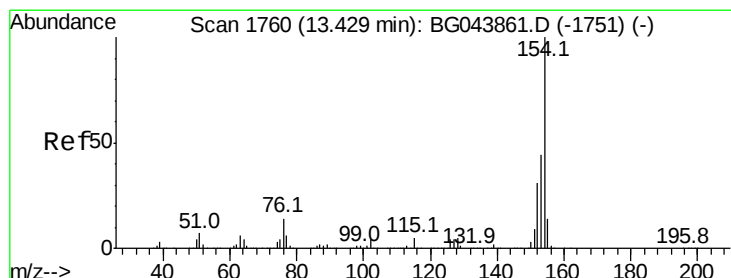
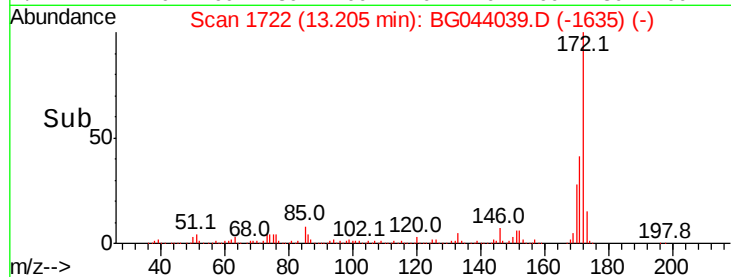
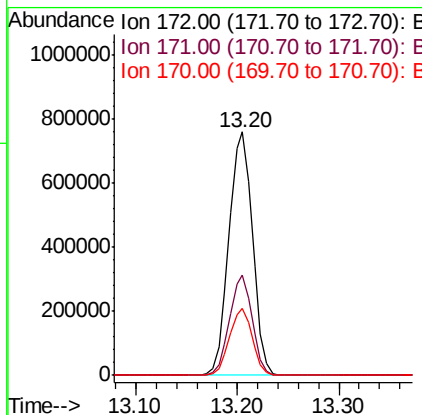
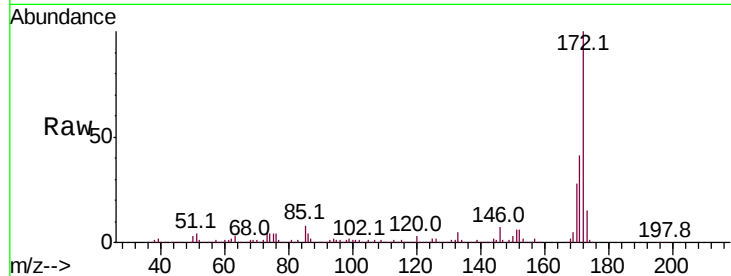


#45
 2-Fluorobiphenyl
 Concen: 73.789 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1221449

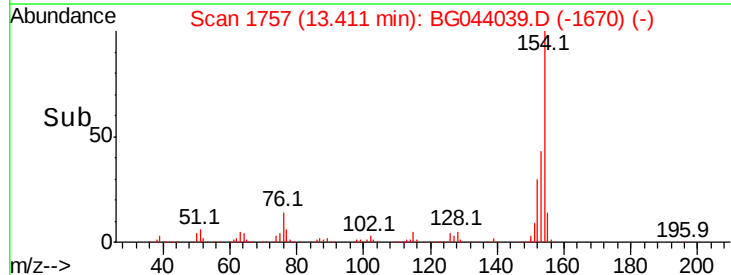
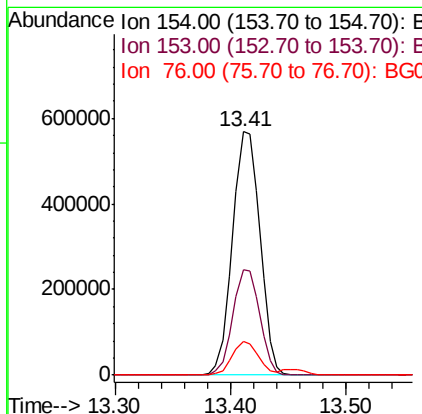
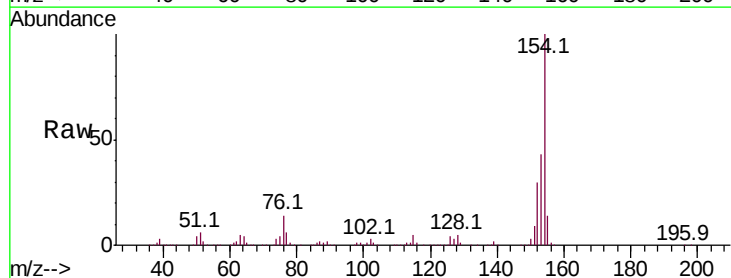
Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.8	53.8
170	27.7	24.2	36.4

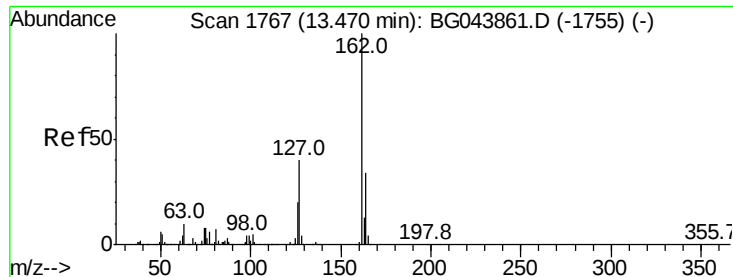


#46
 1,1'-Biphenyl
 Concen: 43.625 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:154 Resp: 938063

Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	13.6	0.0	34.4

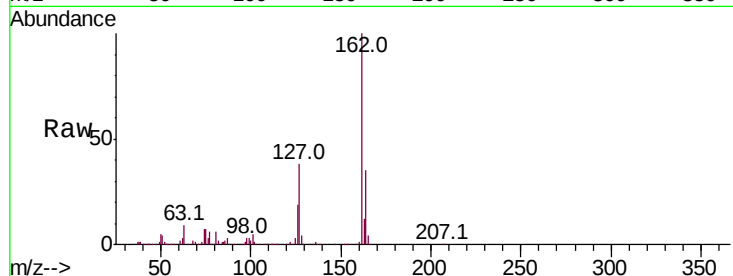




#47
2-Chloronaphthalene
Concen: 42.039 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	32.1	48.1
164	35.1	27.5	41.3

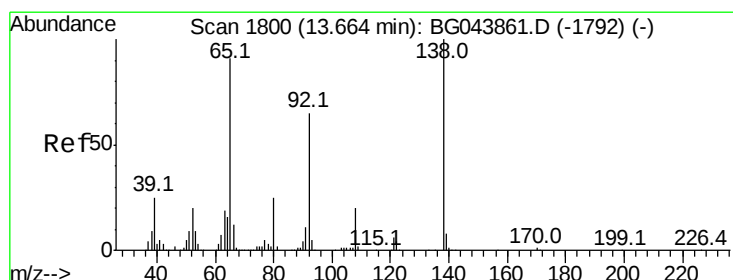
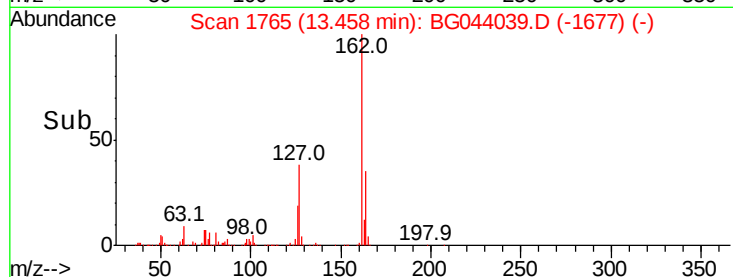
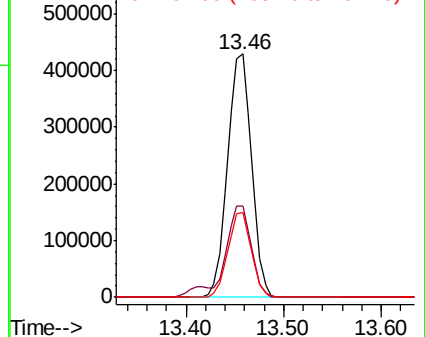


Abundance

Ion 162.00 (161.70 to 162.70): E

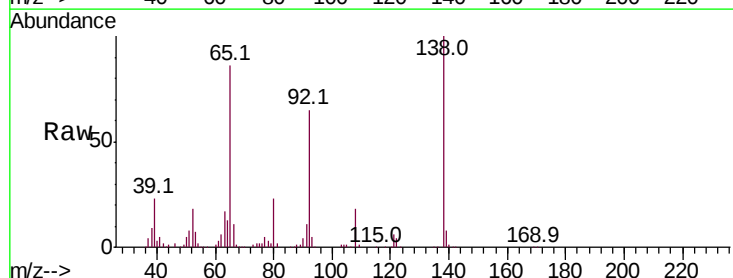
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.738 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	57.4	86.2
138	116.4	88.2	132.4

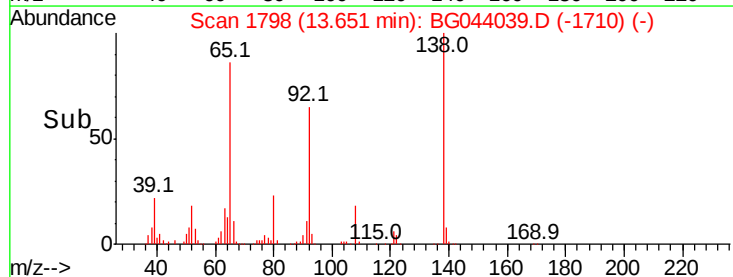
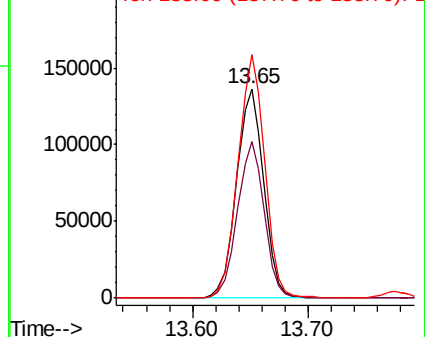


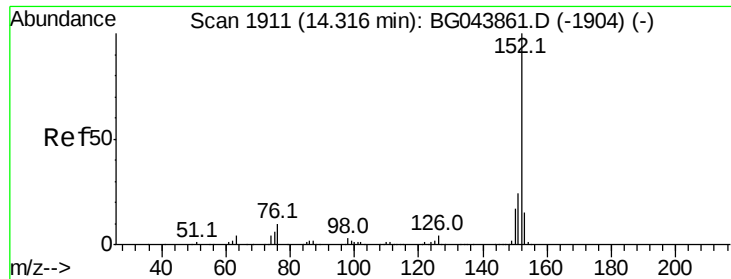
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.789 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

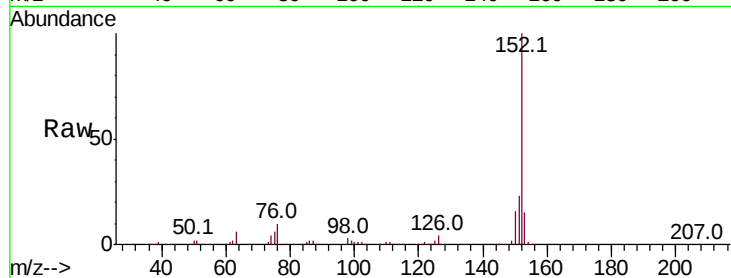
Tot Ion:152 Resp: 1143550

Ion	Ratio	Lower	Upper
152	100		
151	23.1	19.4	29.2
153	14.7	12.0	18.0

152 100

151 23.1 19.4 29.2

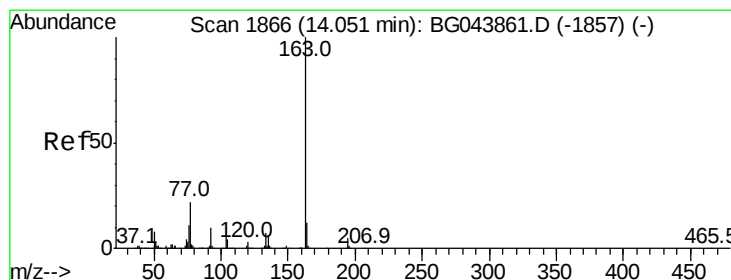
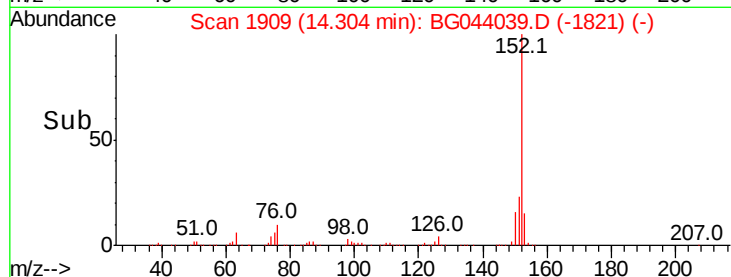
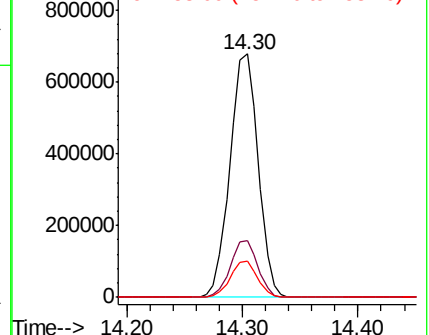
153 14.7 12.0 18.0



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: 47.506 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

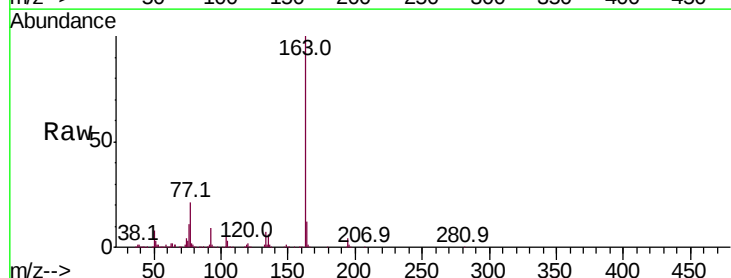
Tgt Ion:163 Resp: 1011615

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.5	9.3	13.9

163 100

194 4.4 3.7 5.5

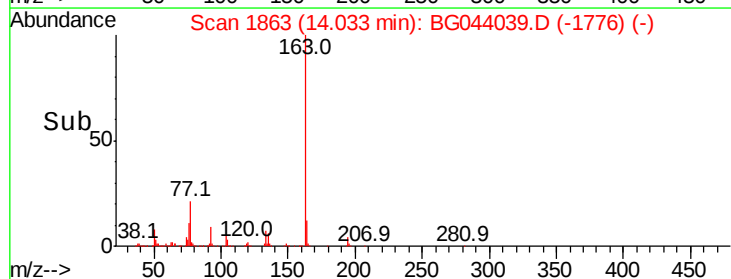
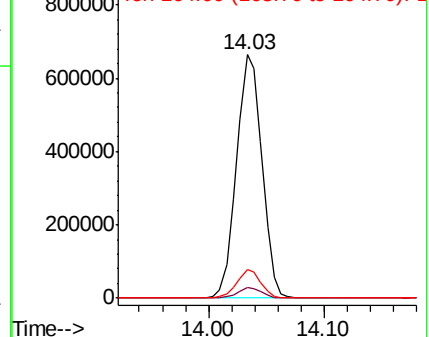
164 11.5 9.3 13.9

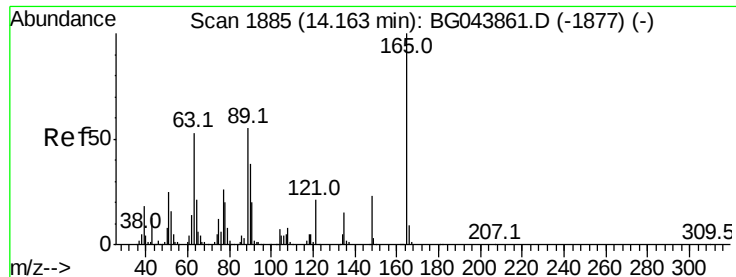


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

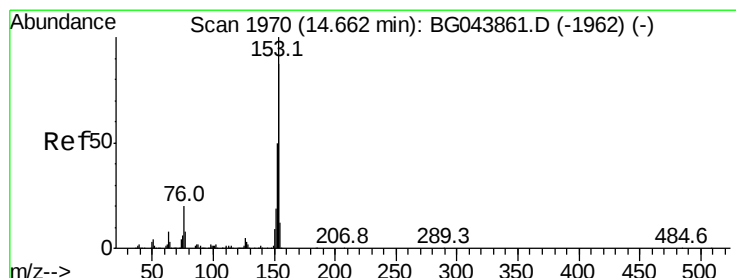
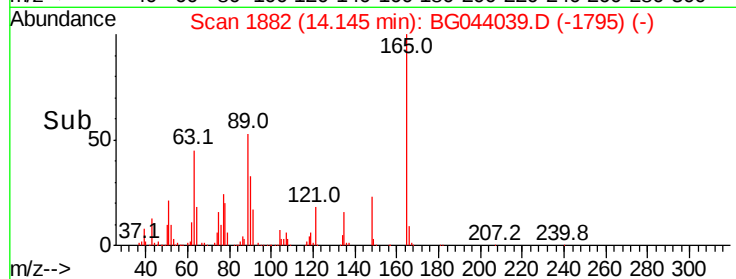
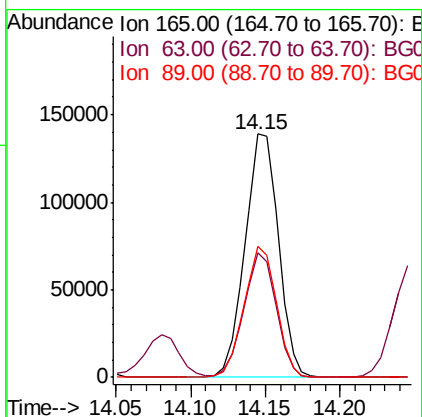
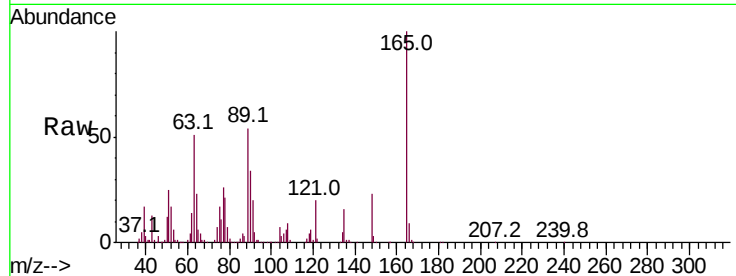




#51
 2,6-Dinitrotoluene
 Concen: 44.548 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

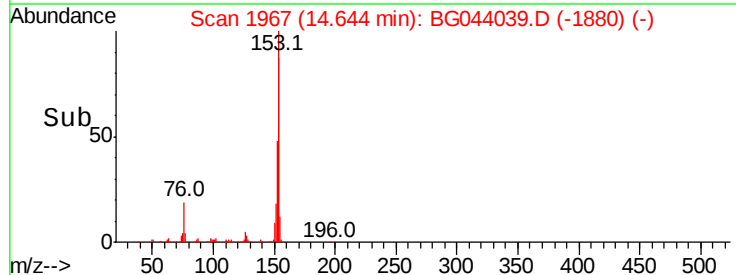
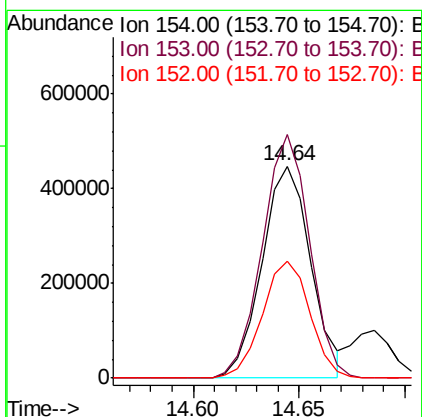
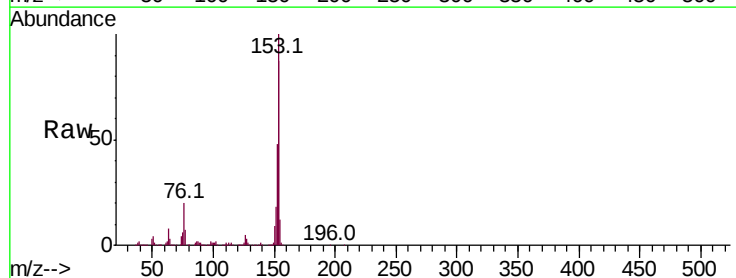
Instrument :
 BNA_G
 ClientSampled :

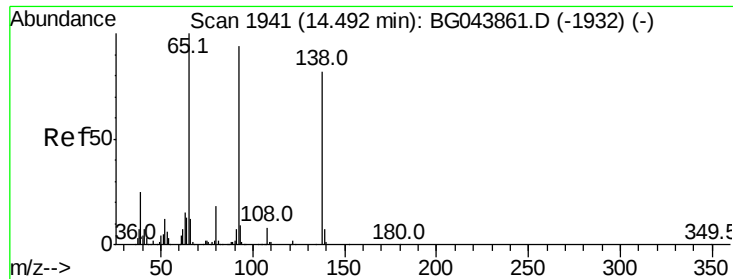
Tot Ion:165 Resp: 214412
 Ion Ratio Lower Upper
 165 100
 63 51.0 43.1 64.7
 89 53.6 43.8 65.6



#52
 Acenaphthene
 Concen: 41.020 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:154 Resp: 718420
 Ion Ratio Lower Upper
 154 100
 153 114.9 91.6 137.4
 152 55.2 45.4 68.0





#53

3-Nitroaniline

Concen: 19.970 ng

RT: 14.47 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

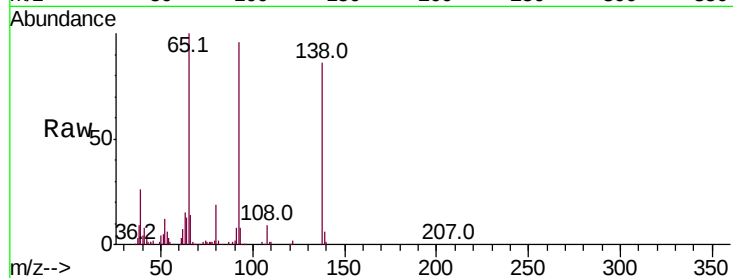
Tot Ion:138 Resp: 109149

Ion Ratio Lower Upper

138 100

108 10.7 7.4 11.2

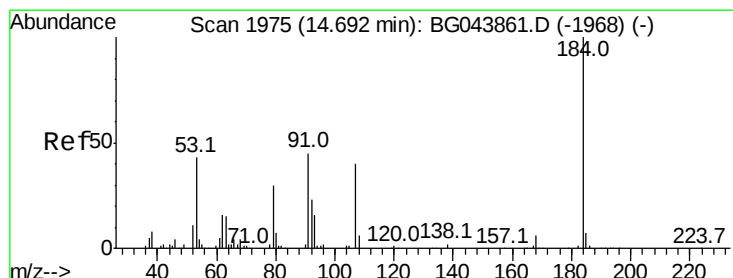
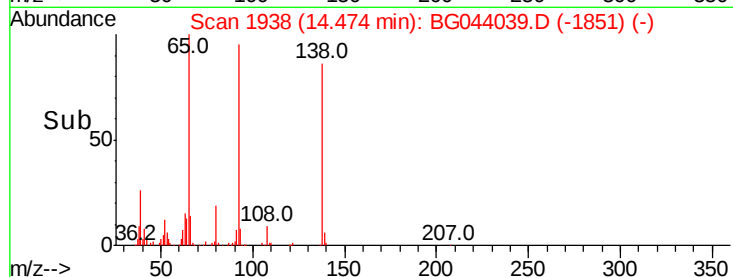
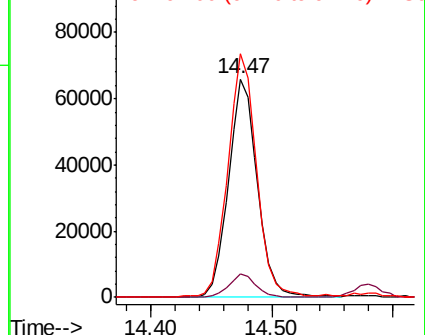
92 111.4 92.1 138.1



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: 109.254 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

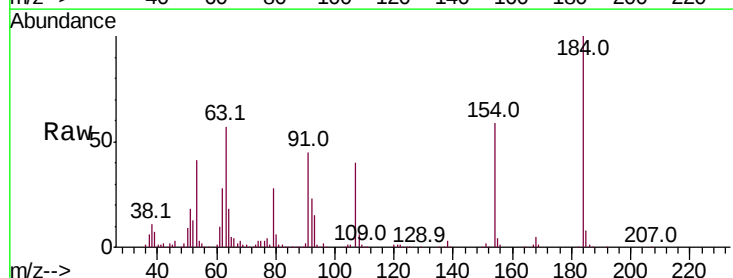
Tgt Ion:184 Resp: 273174

Ion Ratio Lower Upper

184 100

63 56.8 46.6 70.0

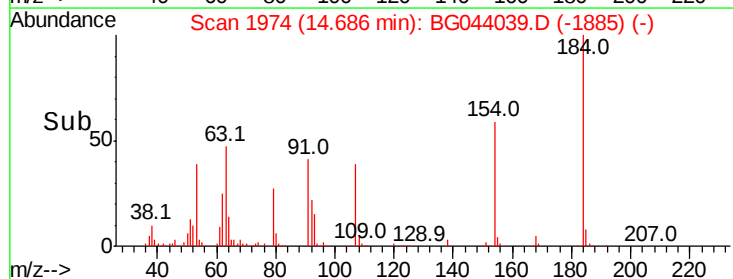
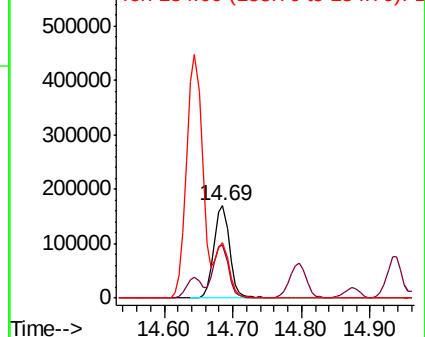
154 59.5 50.2 75.4

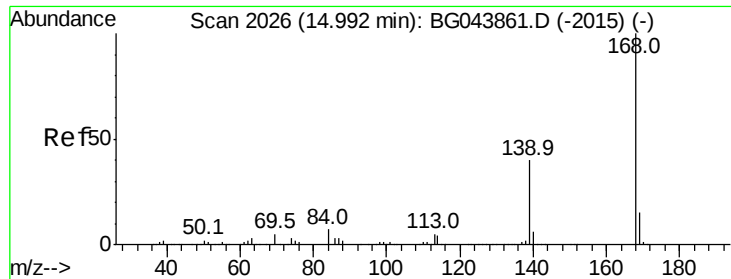


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



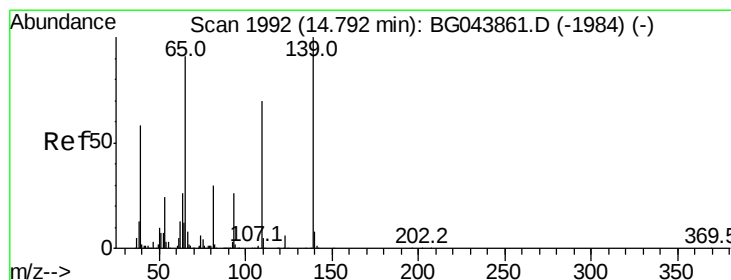
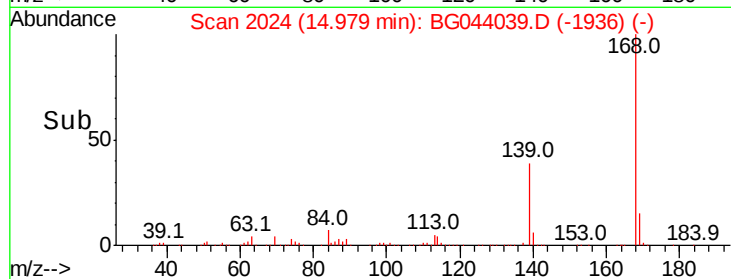
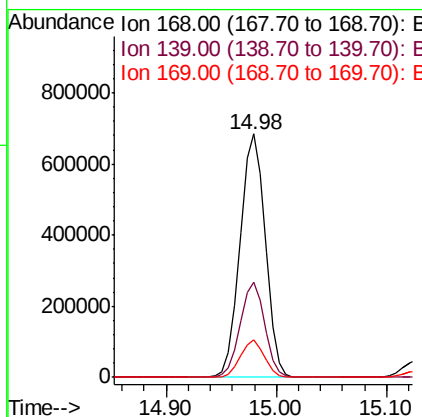
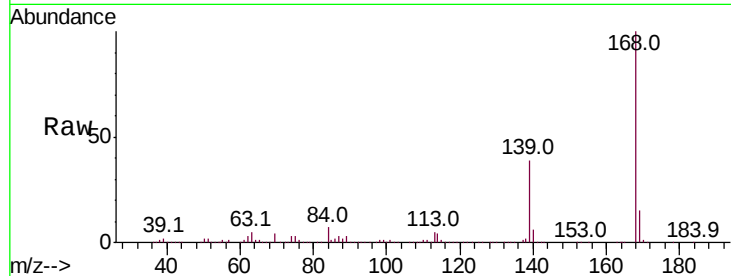


#55
Dibenzenofuran
Concen: 45.610 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 1099659

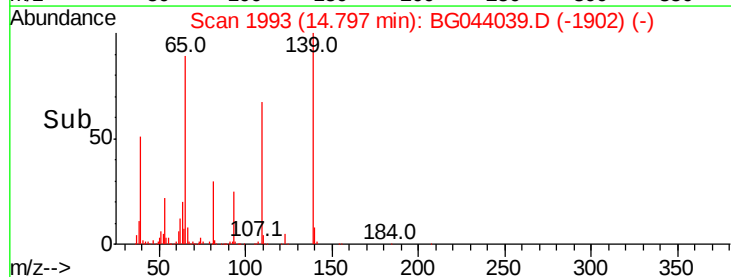
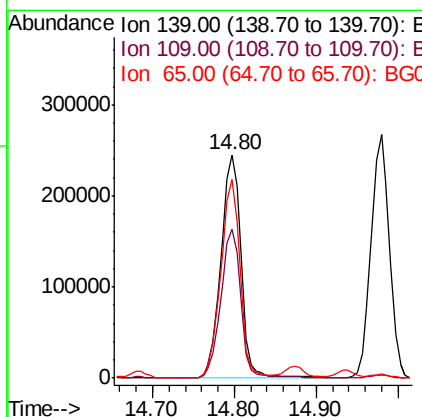
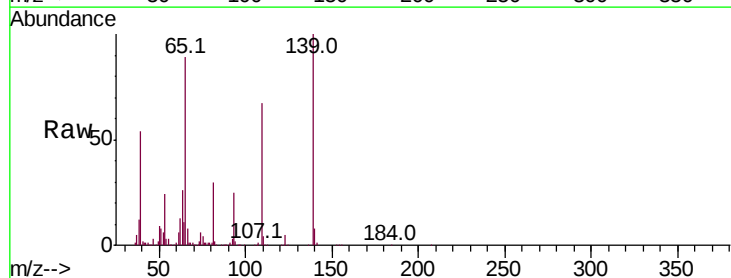
Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.2	48.2
169	15.2	12.2	18.2

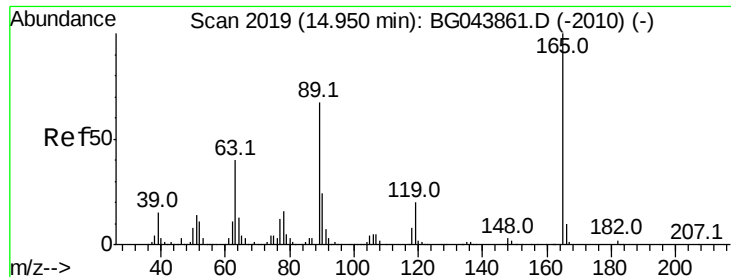


#56
4-Nitrophenol
Concen: 100.584 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:139 Resp: 421283

Ion	Ratio	Lower	Upper
139	100		
109	66.6	50.4	90.4
65	88.8	71.4	111.4

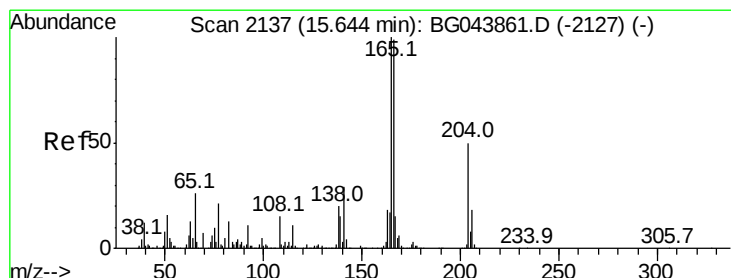
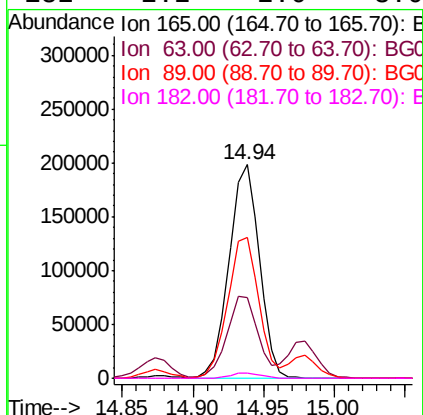
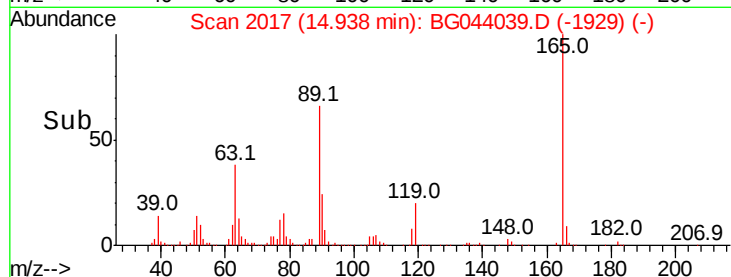
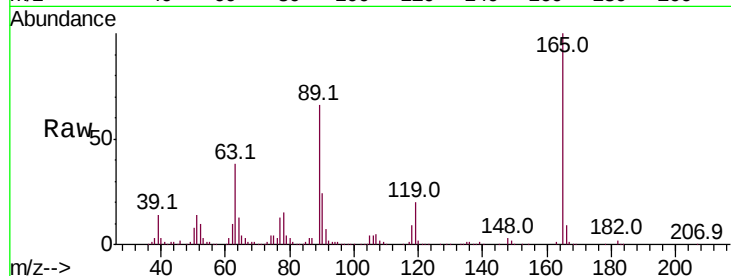




#57
2,4-Dinitrotoluene
Concen: 45.285 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

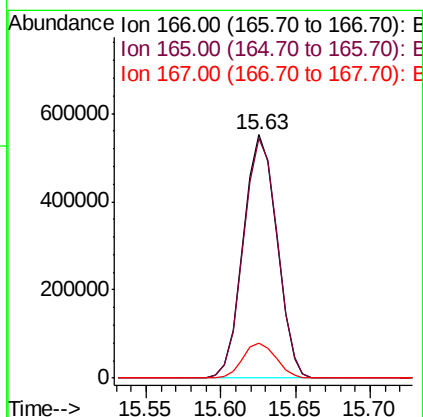
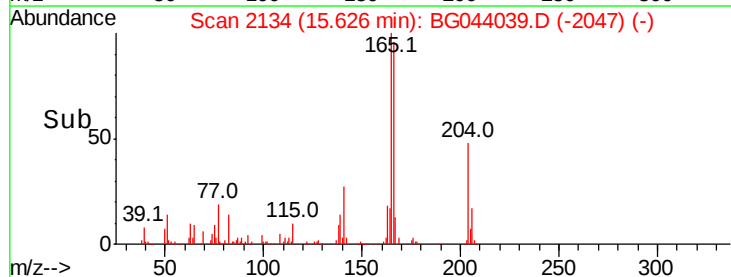
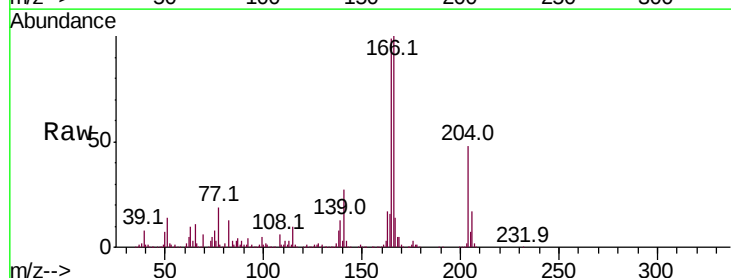
Instrument :
BNA_G
ClientSampleId :

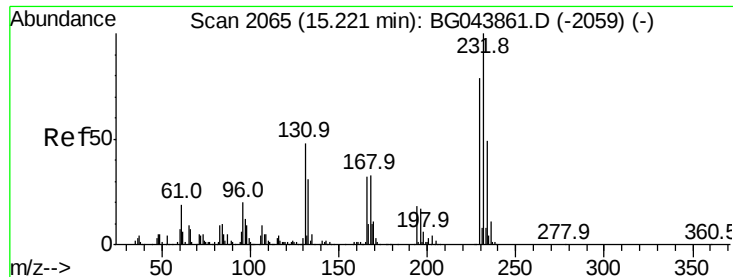
Tot Ion:165 Resp: 296576
Ion Ratio Lower Upper
165 100
63 38.0 31.9 47.9
89 65.9 53.8 80.6
182 2.2 2.0 3.0



#58
Fluorene
Concen: 45.026 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:166 Resp: 860440
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 14.4 12.1 18.1

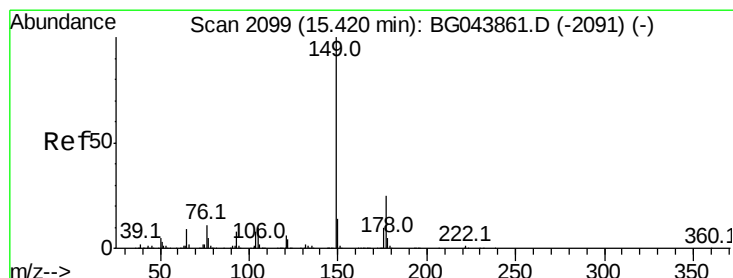
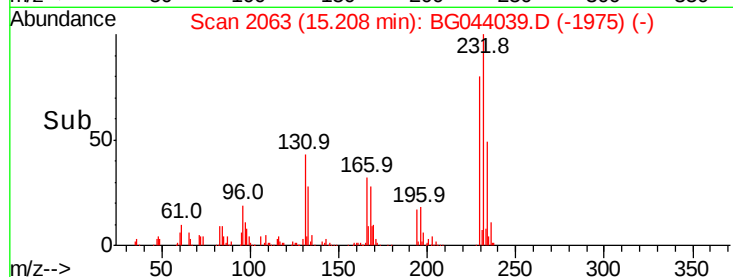
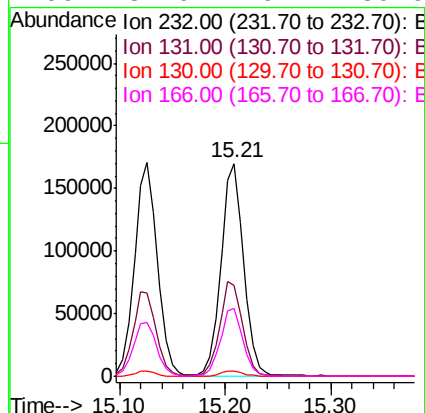
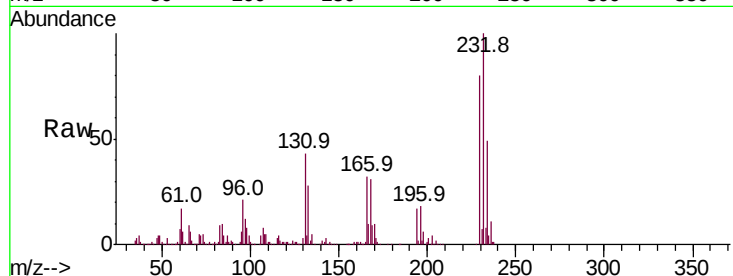




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.330 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

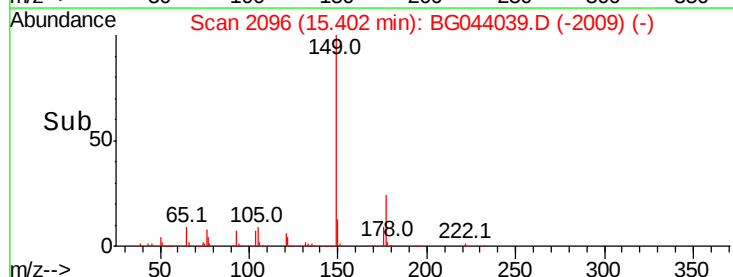
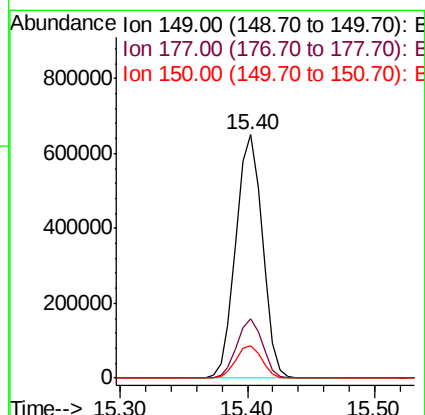
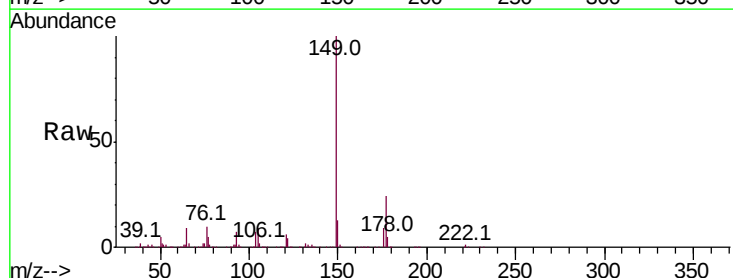
Instrument :
 BNA_G
 ClientSampleId :

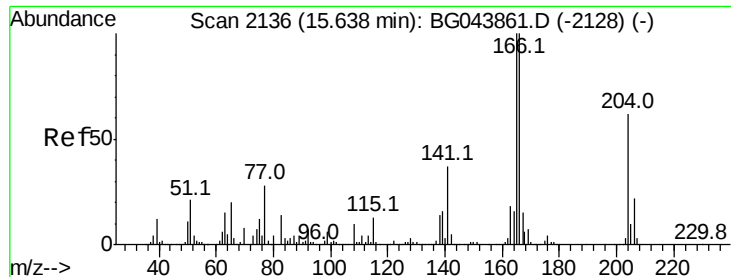
Tot Ion:	232	Resp:	253887
Ion	Ratio	Lower	Upper
232	100		
131	44.8	38.2	57.2
130	2.7	2.2	3.2
166	31.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 44.039 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:	149	Resp:	937981
Ion	Ratio	Lower	Upper
149	100		
177	24.3	20.0	30.0
150	13.4	11.1	16.7

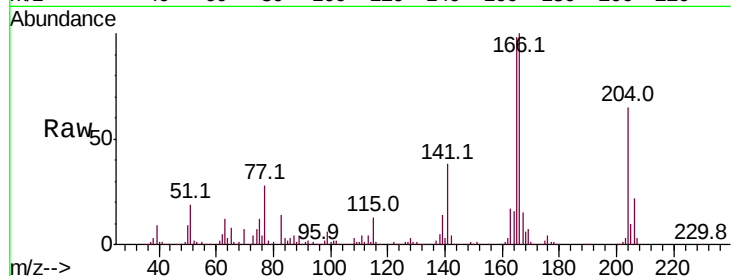




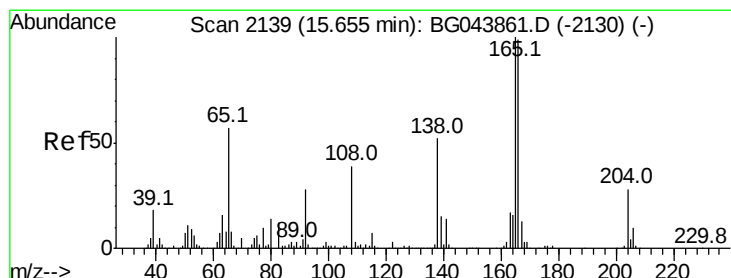
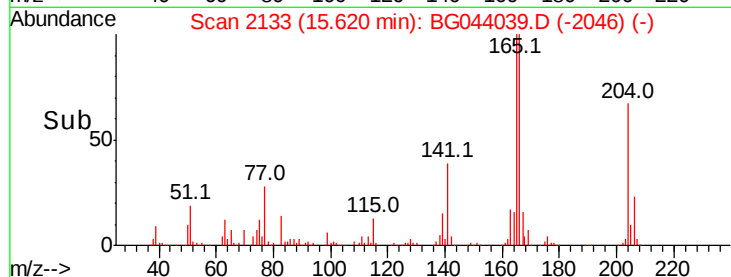
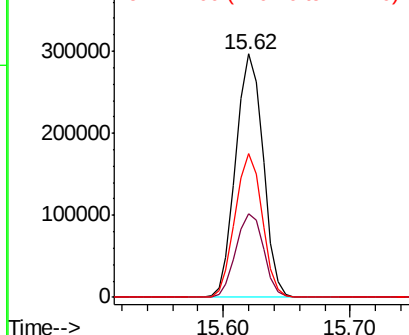
#61
4-Chlorophenyl-phenylether
Concen: 42.666 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 442720
Ion Ratio Lower Upper
204 100
206 34.5 28.2 42.2
141 58.9 48.2 72.2

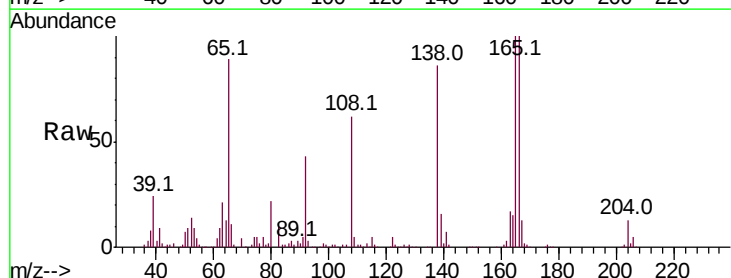


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

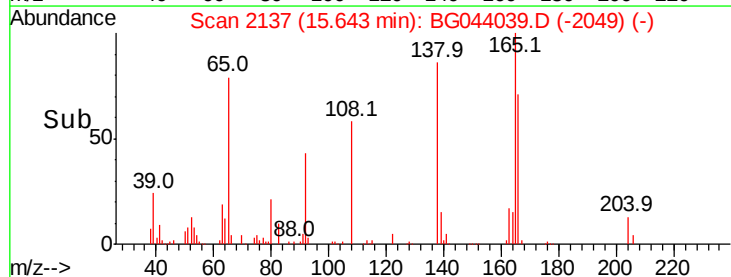
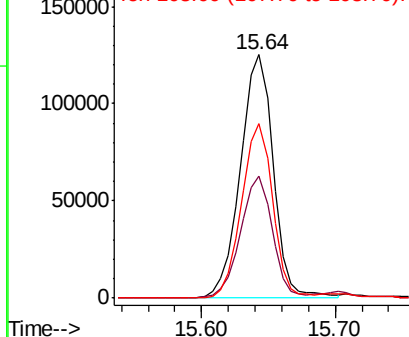


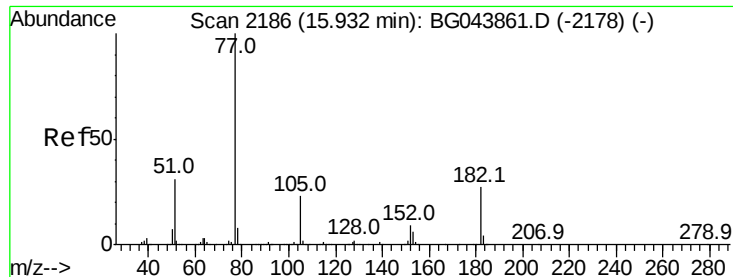
#62
4-Nitroaniline
Concen: 39.550 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:138 Resp: 213469
Ion Ratio Lower Upper
138 100
92 50.1 34.3 74.3
108 71.9 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: 43.476 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 858764

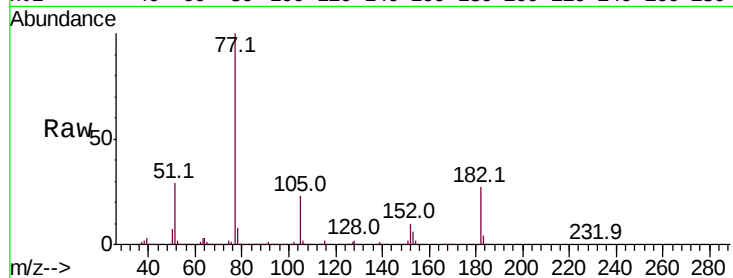
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 23.4 3.2 43.2

51 29.0 10.6 50.6

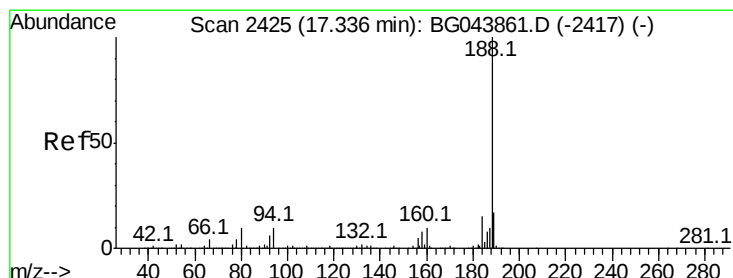
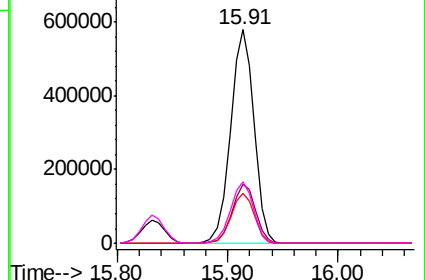
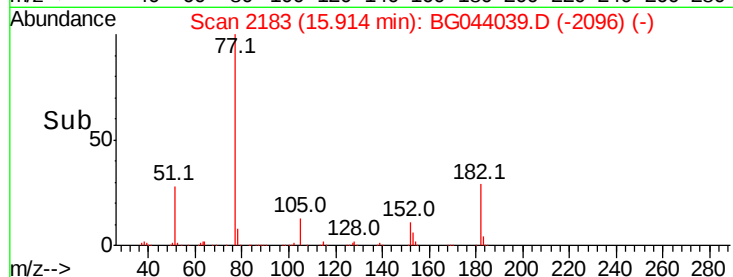


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044039.D

Acq: 14 Jan 2020 16:47

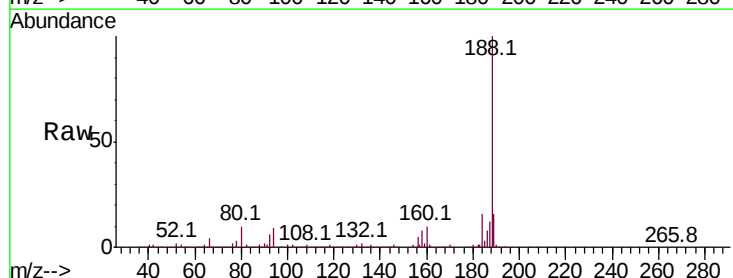
Tgt Ion: 188 Resp: 638447

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

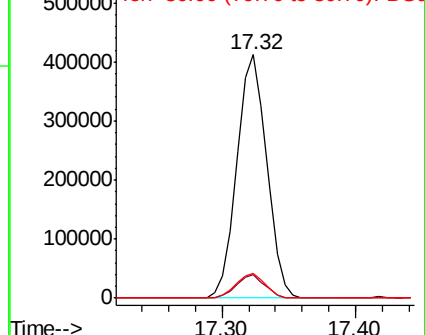
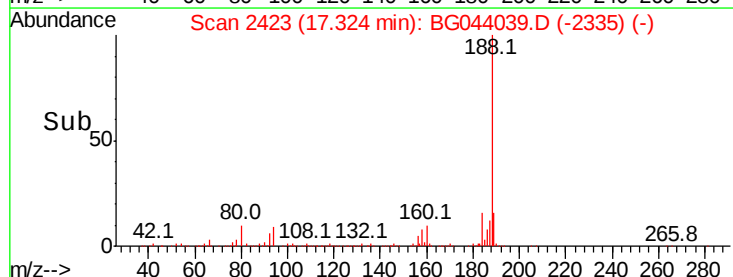
80 9.9 8.2 12.4

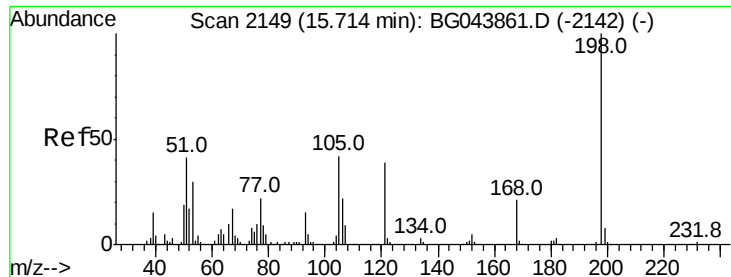


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

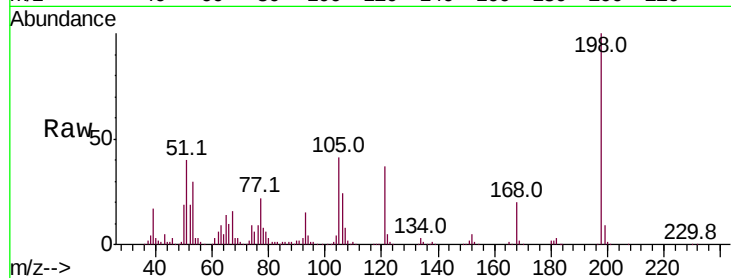




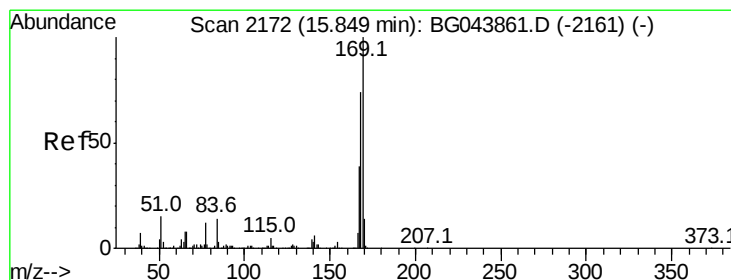
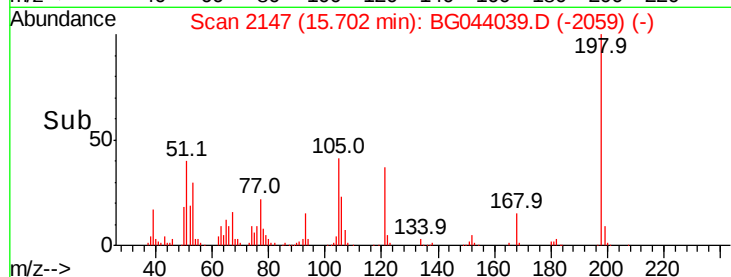
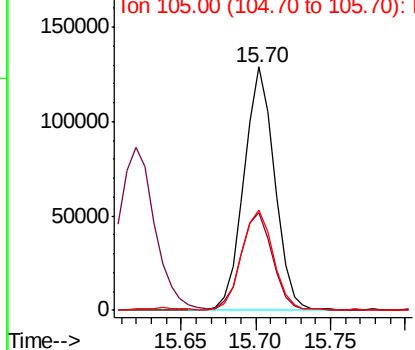
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.991 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 183206
 Ion Ratio Lower Upper
 198 100
 51 40.2 22.5 62.5
 105 41.0 22.3 62.3

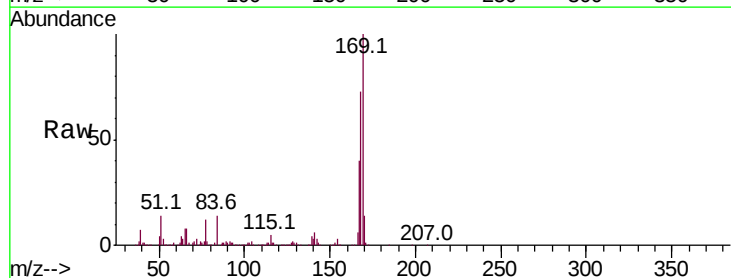


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

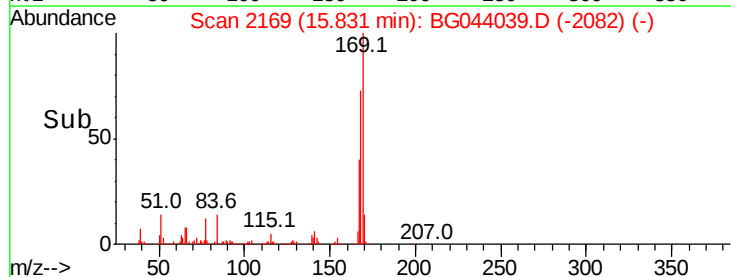
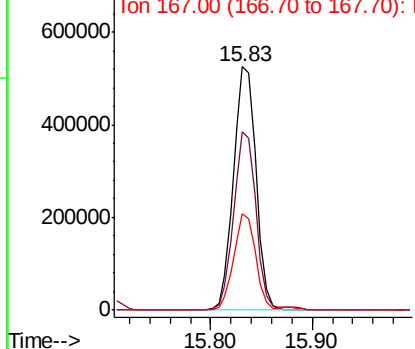


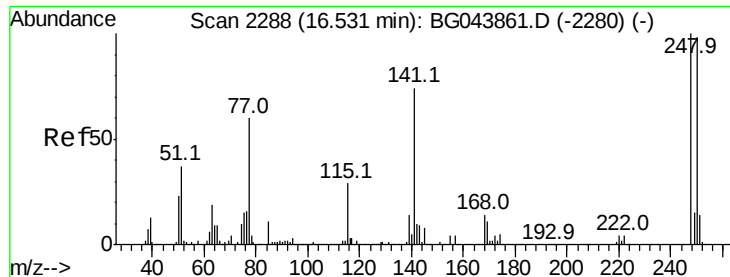
#66
 n-Nitrosodiphenylamine
 Concen: 43.143 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:169 Resp: 811159
 Ion Ratio Lower Upper
 169 100
 168 73.4 59.0 88.6
 167 39.5 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

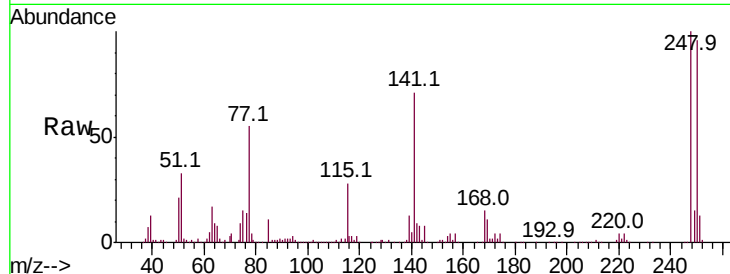




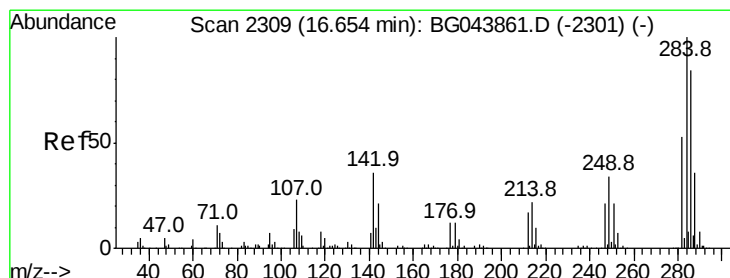
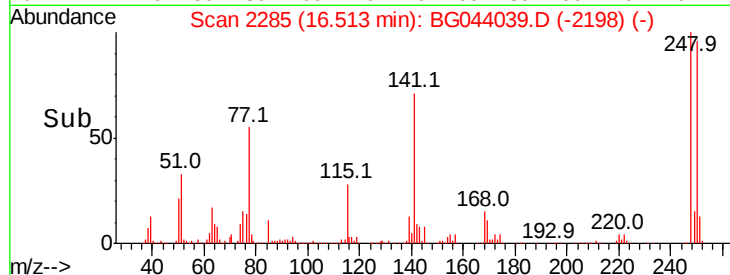
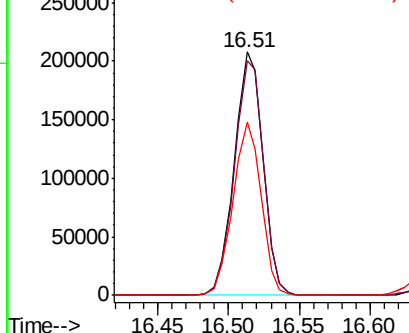
#67
 4-Bromophenyl-phenylether
 Concen: 40.805 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 293002
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.2 117.2
 141 71.3 59.3 88.9

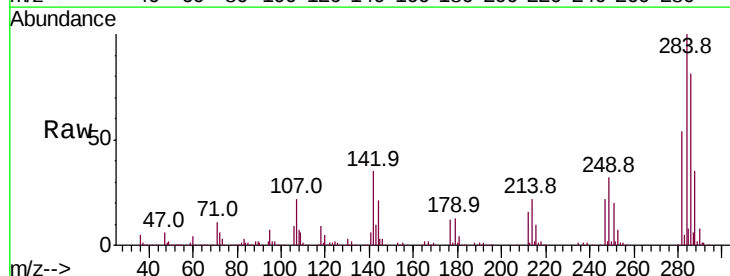


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

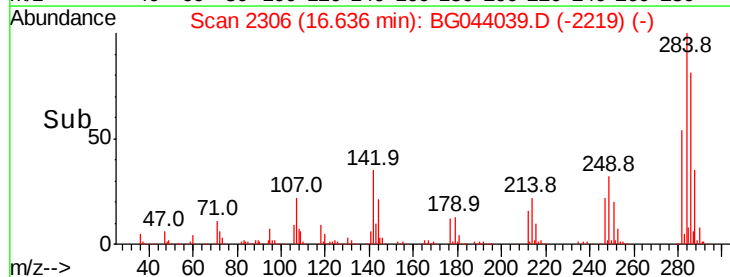
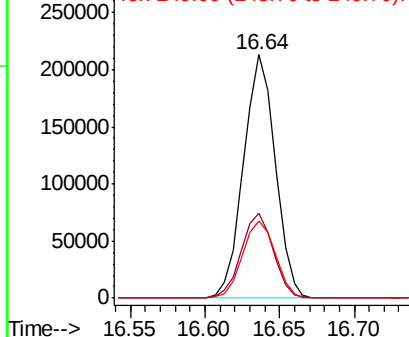


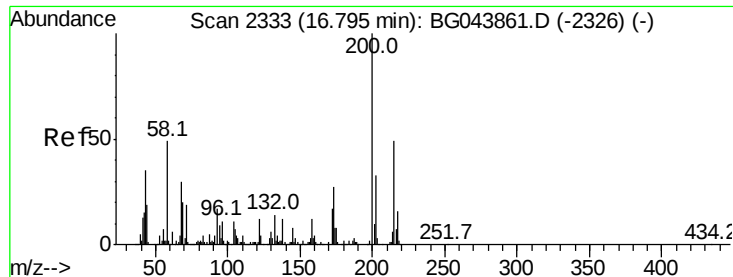
#68
 Hexachlorobenzene
 Concen: 40.545 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:284 Resp: 313707
 Ion Ratio Lower Upper
 284 100
 142 35.0 28.6 43.0
 249 32.0 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: 51.656 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampled :

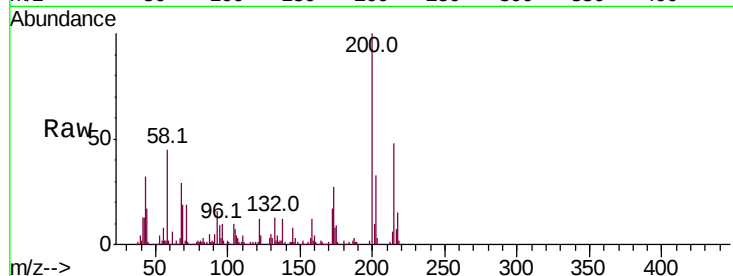
Tot Ion:200 Resp: 315691

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

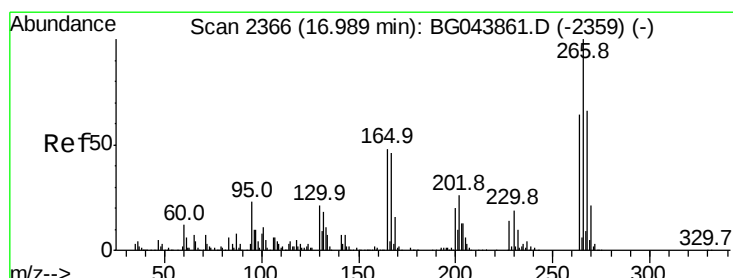
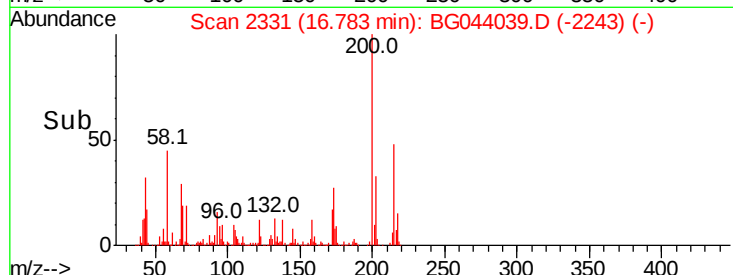
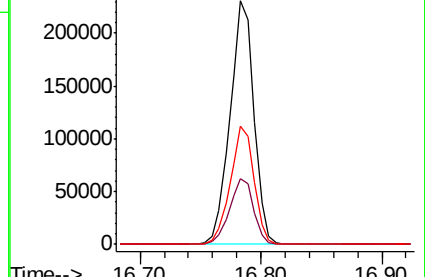
215 48.4 28.6 68.6



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: 93.420 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

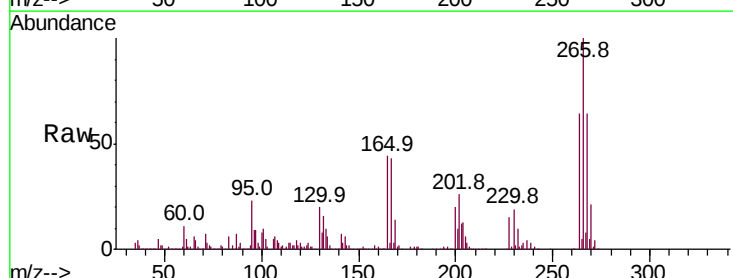
Tgt Ion:266 Resp: 398453

Ion Ratio Lower Upper

266 100

268 64.0 52.6 79.0

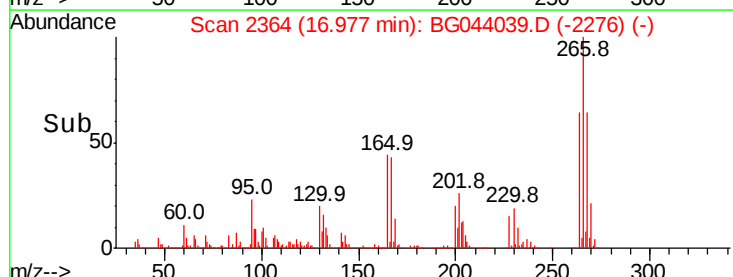
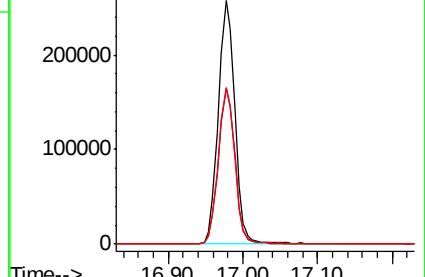
264 64.4 50.8 76.2

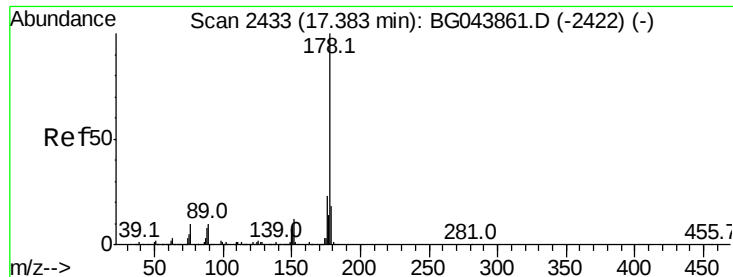


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

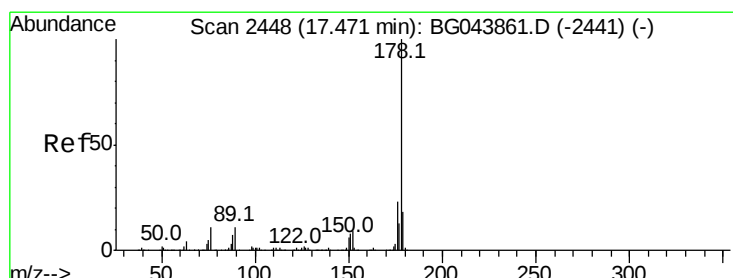
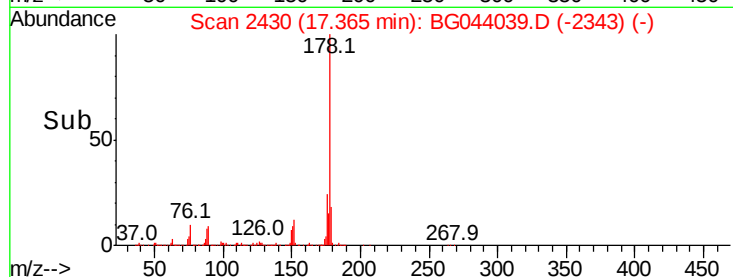
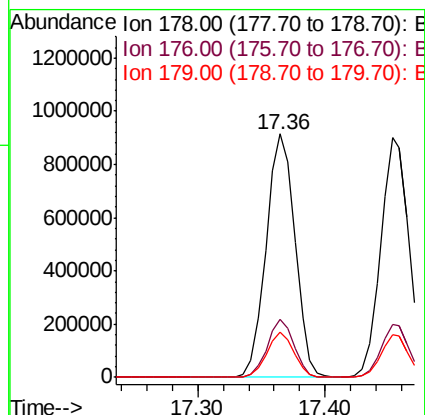
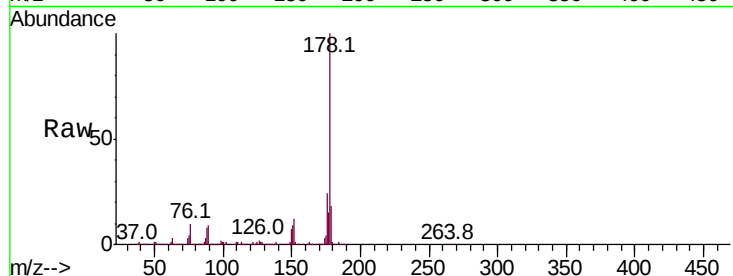




#71
Phenanthrene
Concen: 47.175 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

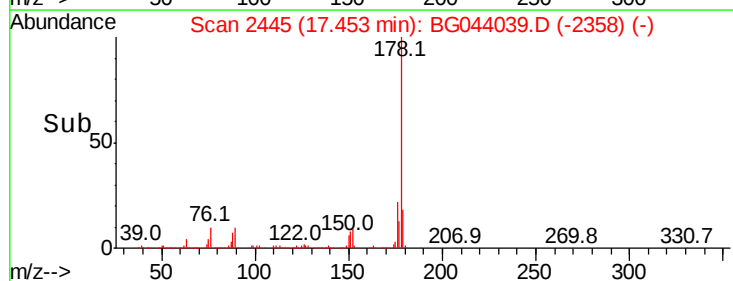
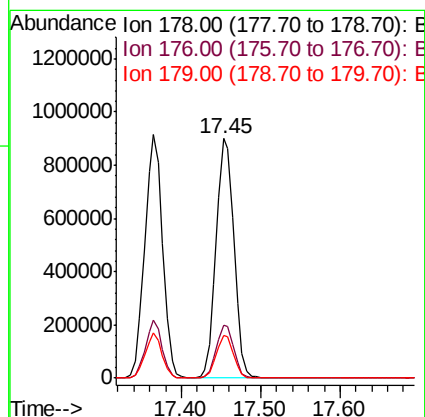
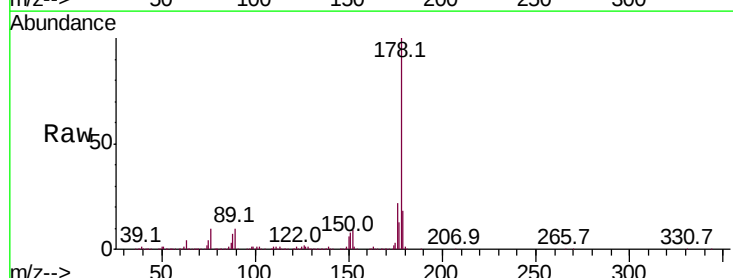
Instrument :
BNA_G
ClientSampleId :

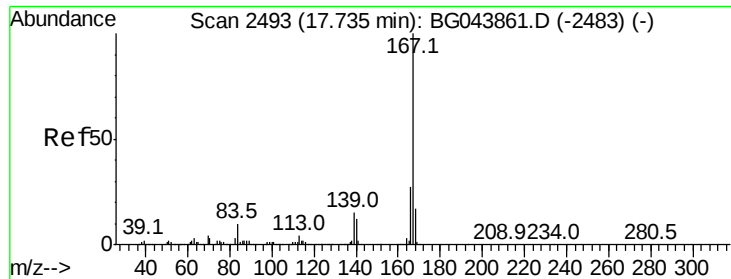
Tot Ion:178 Resp: 1444648
Ion Ratio Lower Upper
178 100
176 23.7 18.6 28.0
179 18.4 14.4 21.6



#72
Anthracene
Concen: 46.497 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:178 Resp: 1407214
Ion Ratio Lower Upper
178 100
176 22.1 18.3 27.5
179 17.7 14.6 22.0



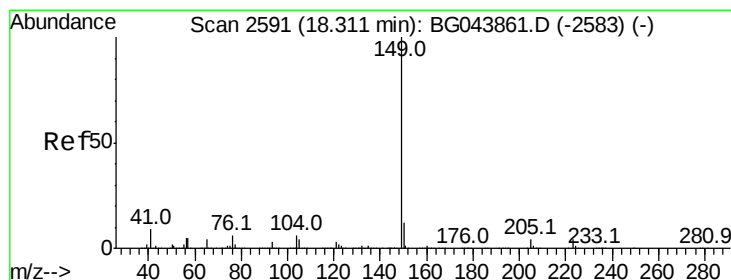
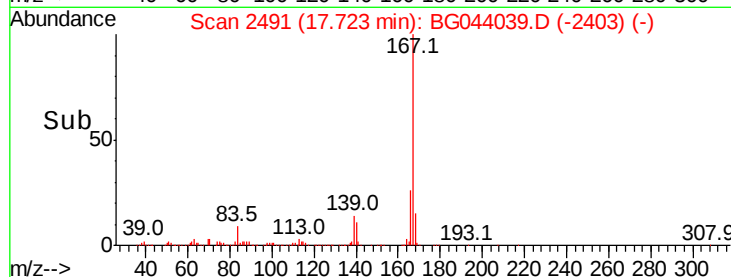
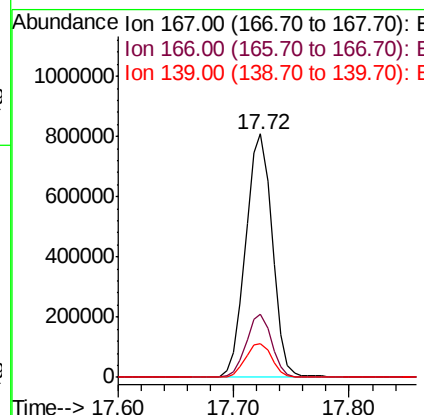
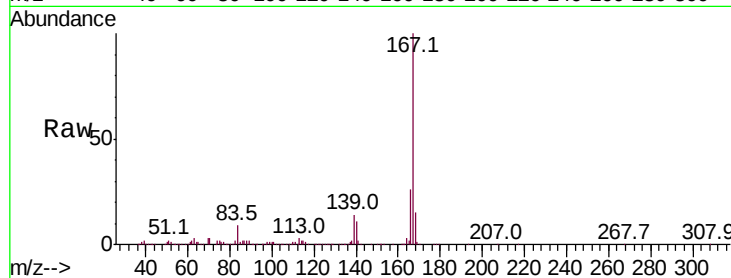


#73
 Carbazole
 Concen: 46.238 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1292613

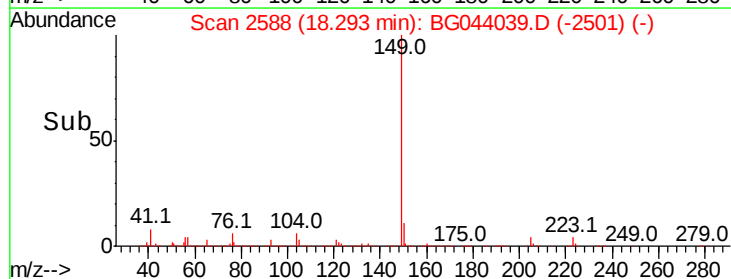
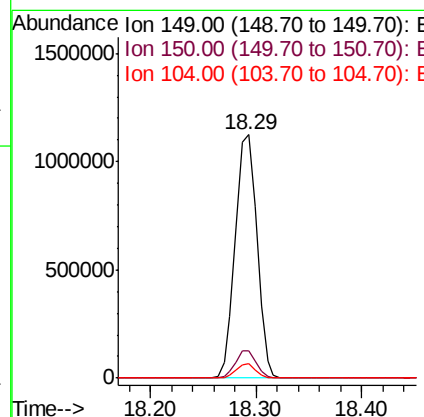
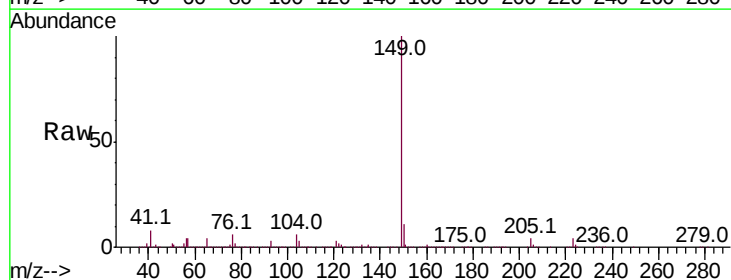
Ion	Ratio	Lower	Upper
167	100		
166	25.9	21.6	32.4
139	14.0	12.1	18.1

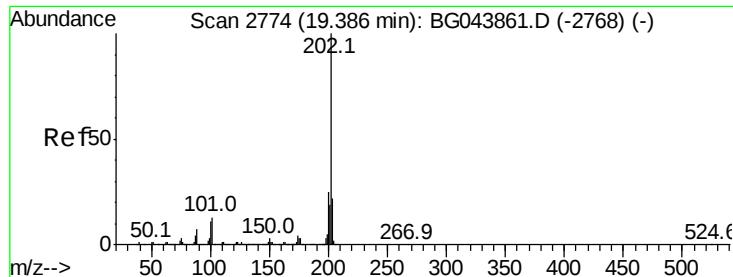


#74
 Di-n-butylphthalate
 Concen: 44.572 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:149 Resp: 1590909

Ion	Ratio	Lower	Upper
149	100		
150	11.3	9.7	14.5
104	5.7	5.0	7.4





#75

Fluoranthene

Concen: 48.378 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampled :

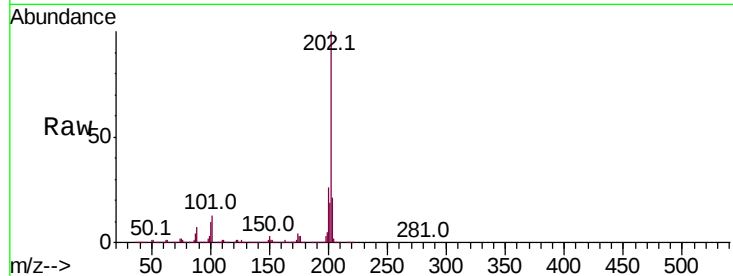
Tot Ion:202 Resp: 1694300

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.3

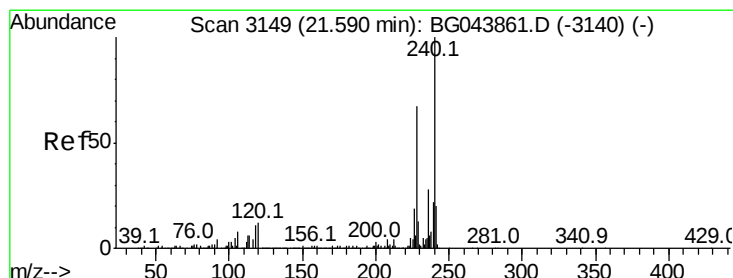
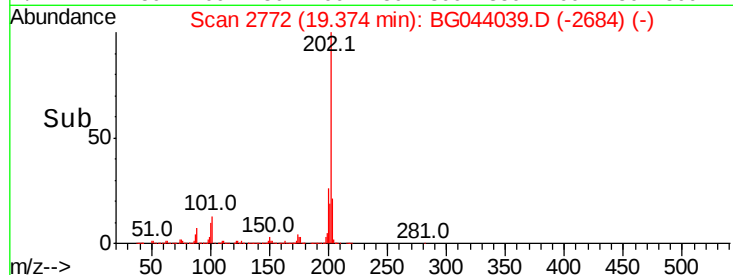
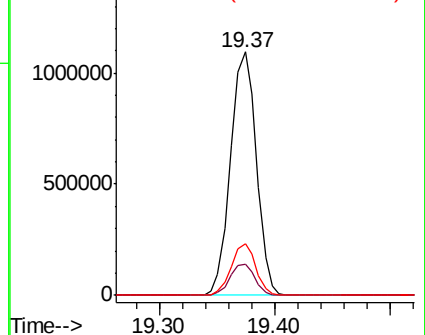
203 21.4 1.6 41.6



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: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

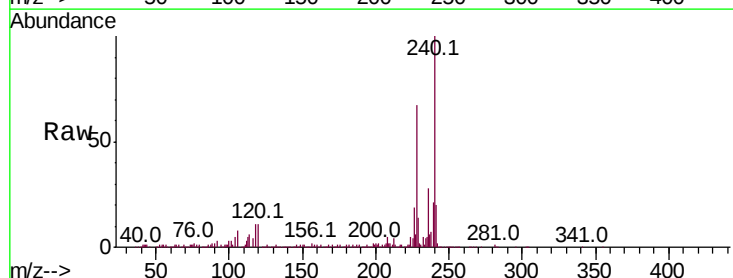
Tgt Ion:240 Resp: 552000

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

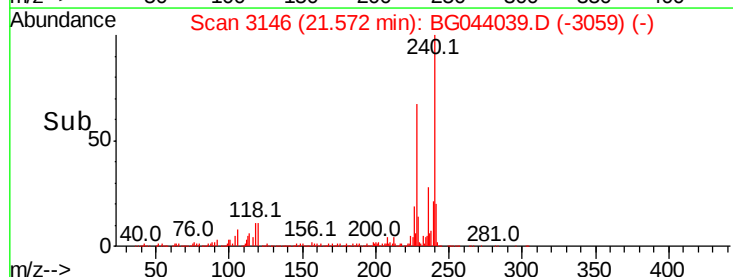
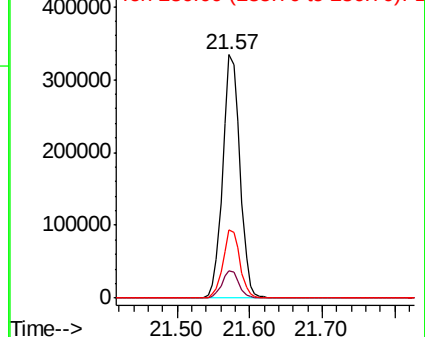
236 28.2 22.2 33.2

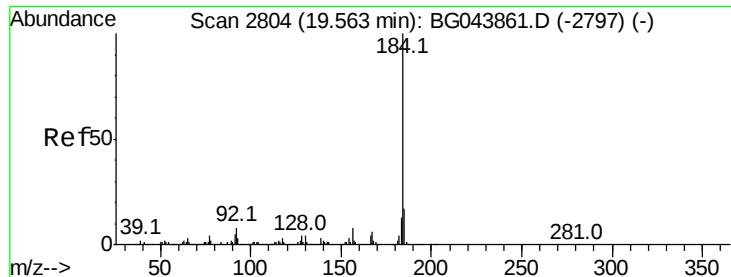


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.893 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

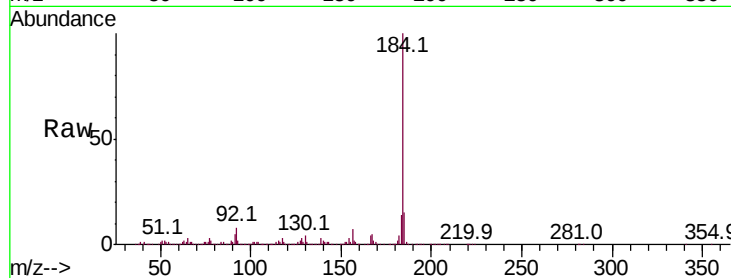
Tot Ion:184 Resp: 817130

Ion Ratio Lower Upper

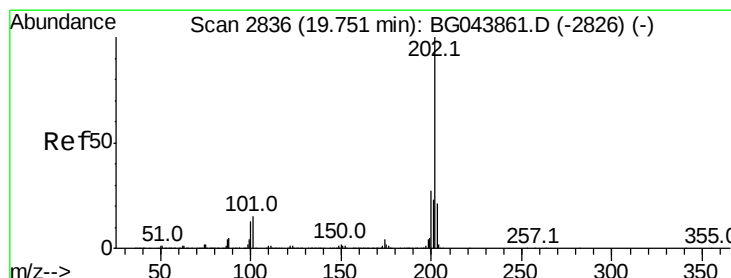
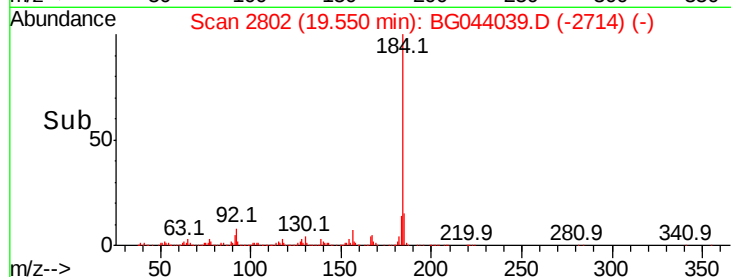
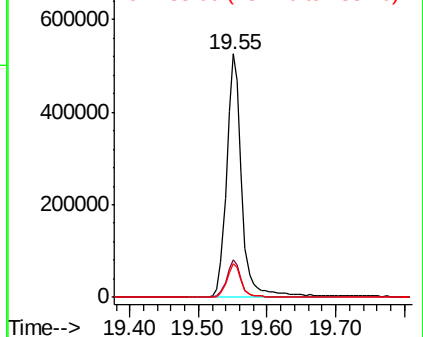
184 100

185 15.5 13.4 20.0

183 13.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.912 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

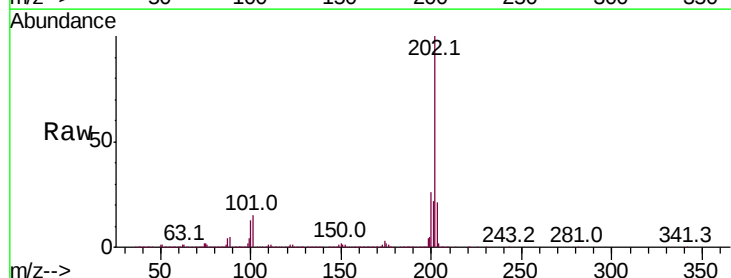
Tgt Ion:202 Resp: 1690281

Ion Ratio Lower Upper

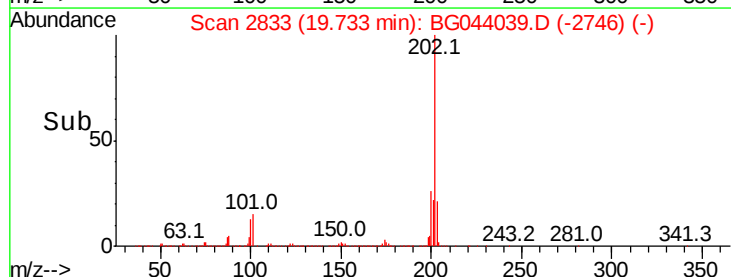
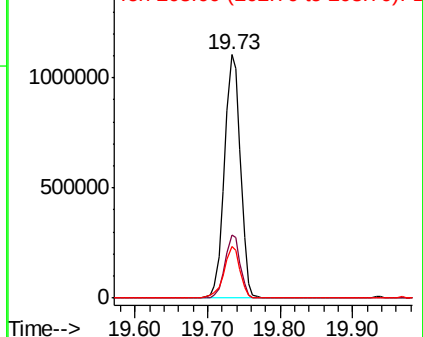
202 100

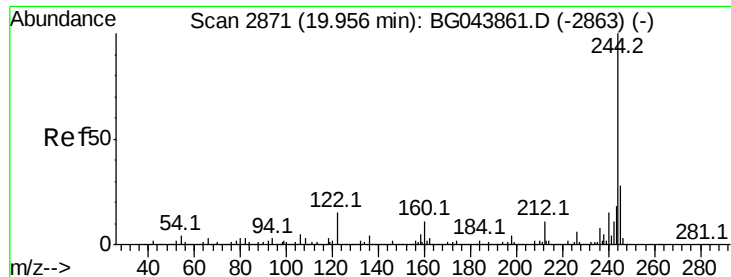
200 26.1 21.7 32.5

203 21.4 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: 70.693 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

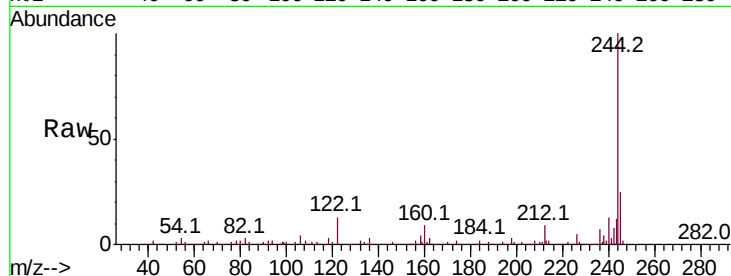
Tot Ion:244 Resp: 1696039

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

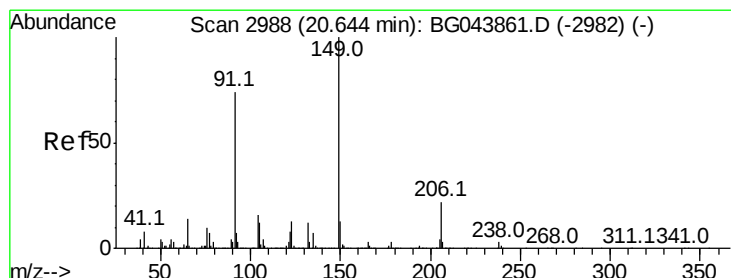
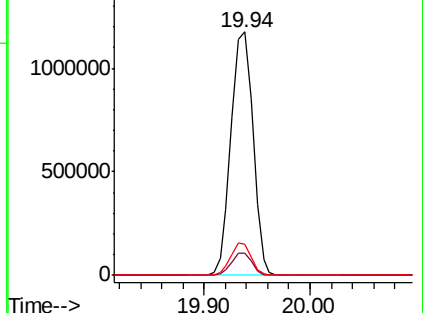
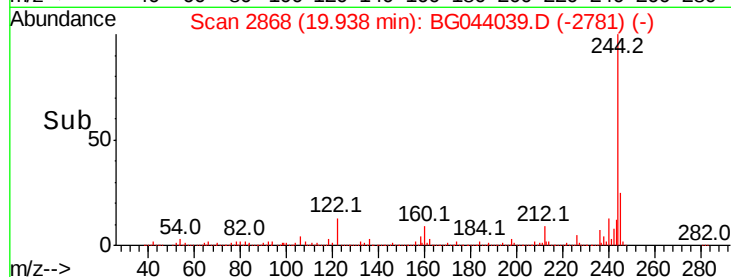
122 12.6 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.904 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

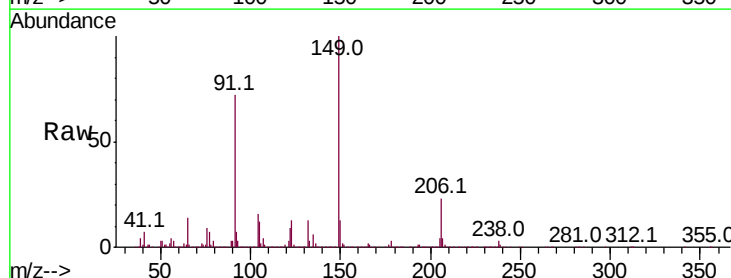
Tgt Ion:149 Resp: 753138

Ion Ratio Lower Upper

149 100

91 71.7 59.5 89.3

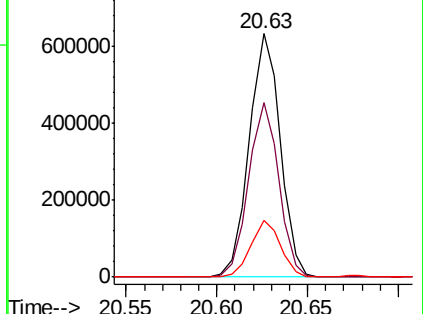
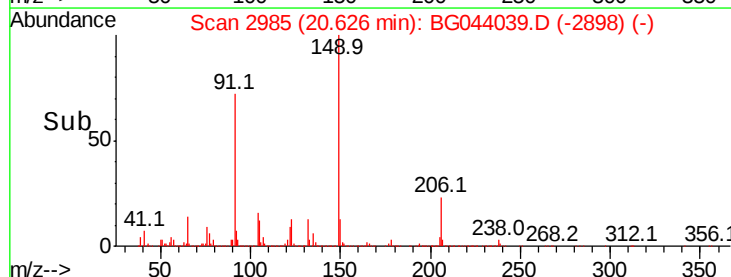
206 23.1 17.8 26.6

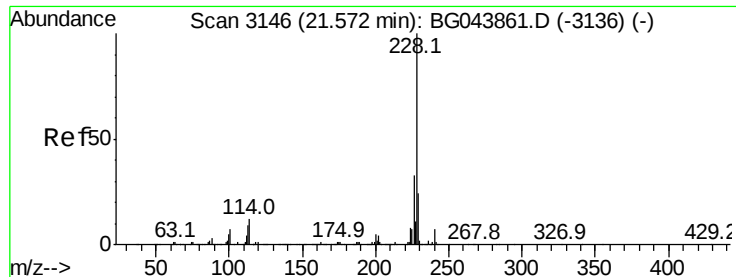


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

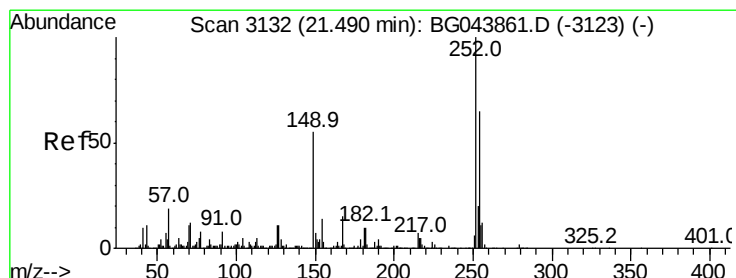
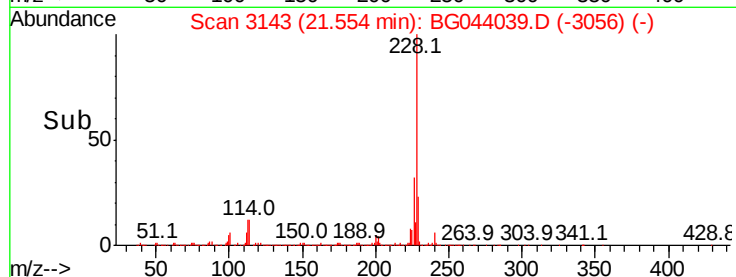
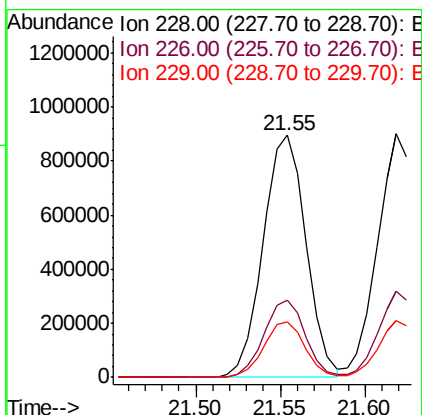
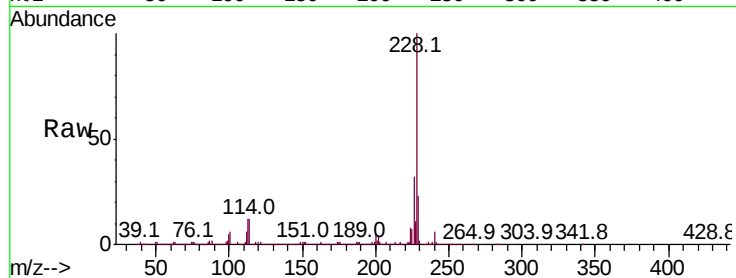




#81
Benzo(a)anthracene
Concen: 45.983 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

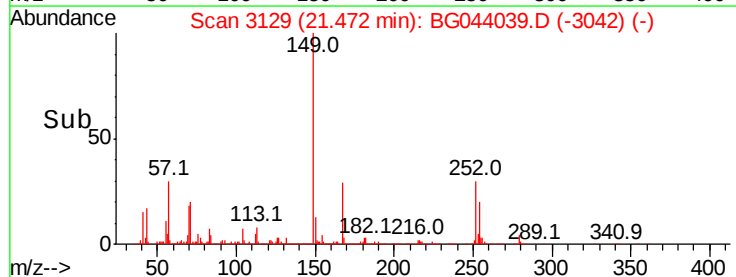
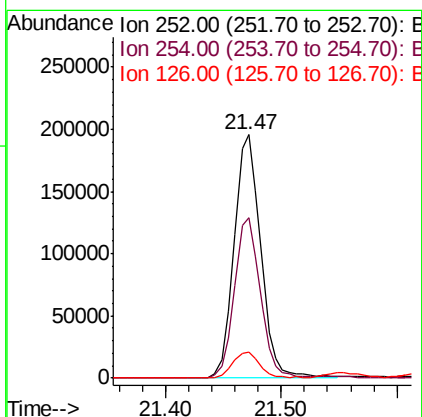
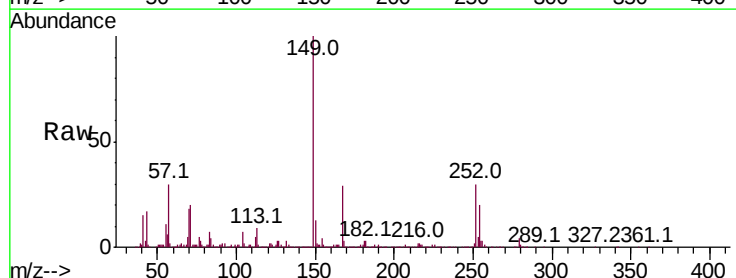
Instrument :
BNA_G
ClientSampleId :

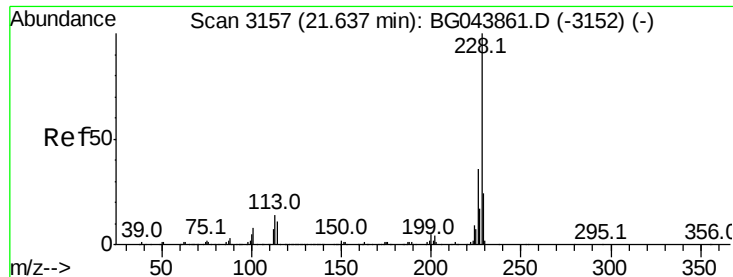
Tot Ion:228 Resp: 1573913
Ion Ratio Lower Upper
228 100
226 32.0 26.2 39.4
229 23.2 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 23.106 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:252 Resp: 312448
Ion Ratio Lower Upper
252 100
254 65.7 52.1 78.1
126 10.9 9.1 13.7

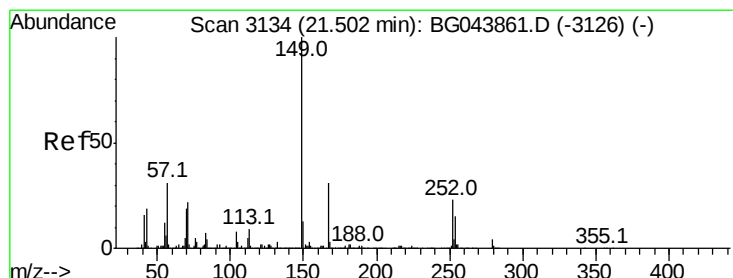
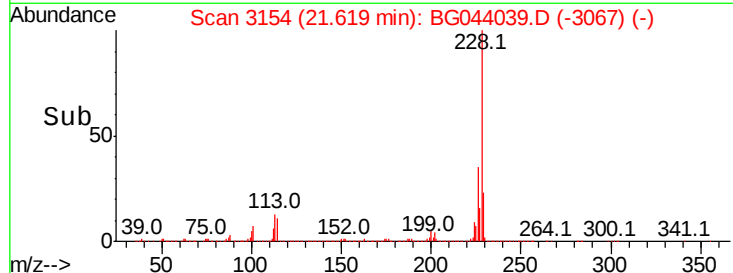
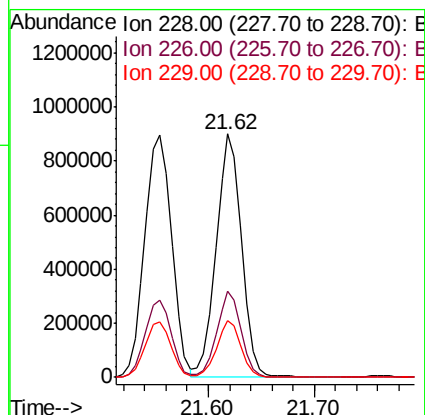
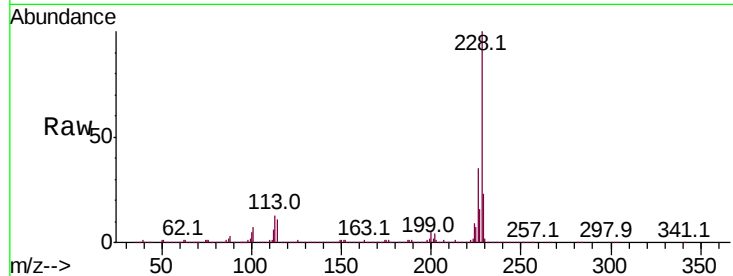




#83
 Chrysene
 Concen: 46.206 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

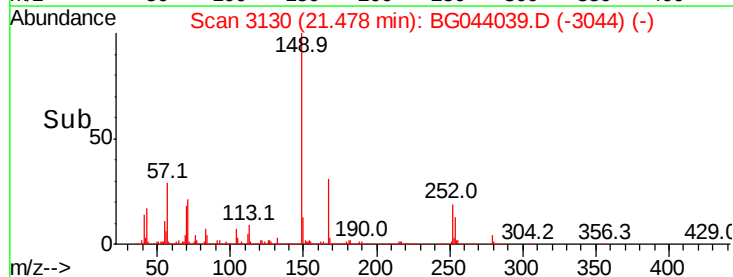
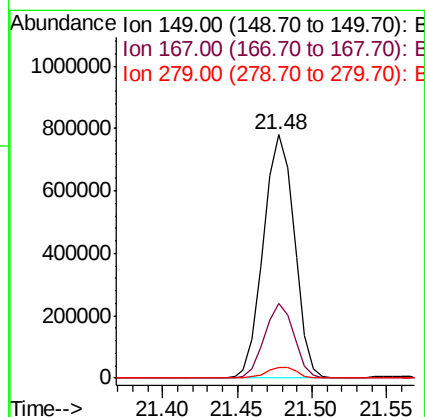
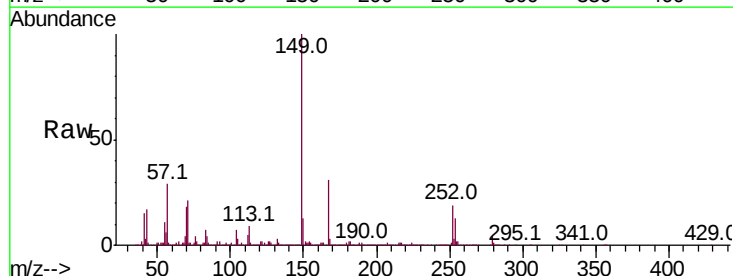
Instrument :
 BNA_G
 ClientSampleId :

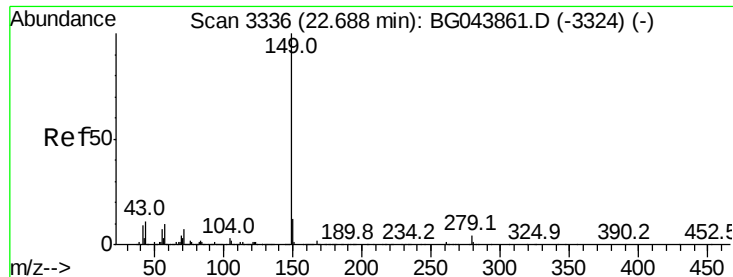
Tot Ion:228 Resp: 1502762
 Ion Ratio Lower Upper
 228 100
 226 35.3 28.8 43.2
 229 23.3 19.0 28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.321 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG044039.D
 Acq: 14 Jan 2020 16:47

Tgt Ion:149 Resp: 1120070
 Ion Ratio Lower Upper
 149 100
 167 30.9 24.7 37.1
 279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.464 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.03 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

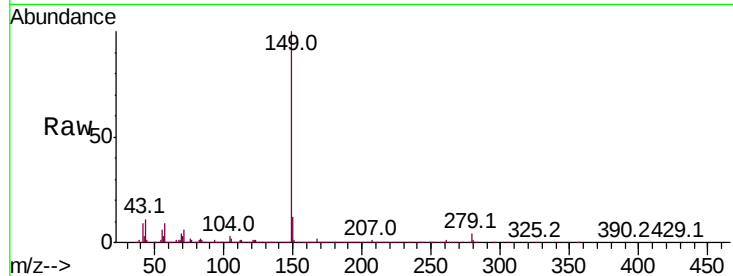
Tot Ion:149 Resp: 1848902

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

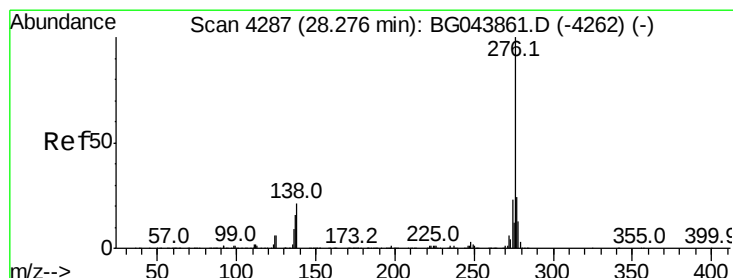
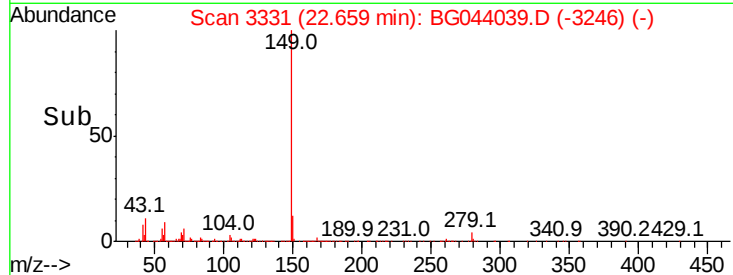
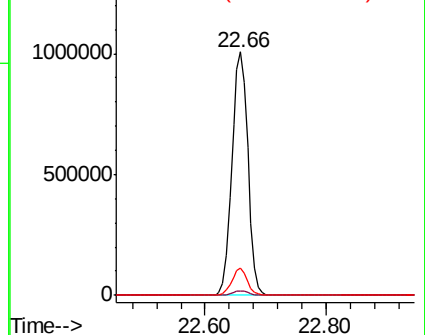
43 10.0 8.8 13.2



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: 43.867 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.03 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

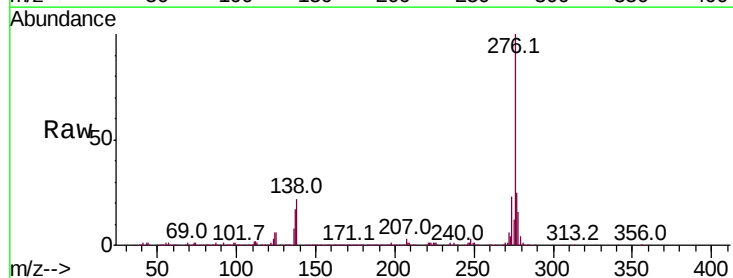
Tgt Ion:276 Resp: 1938867

Ion Ratio Lower Upper

276 100

138 11.2 21.0 31.4#

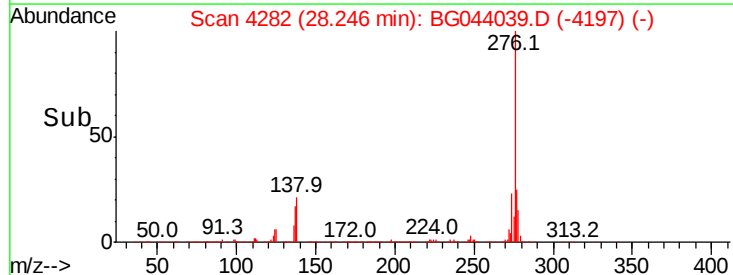
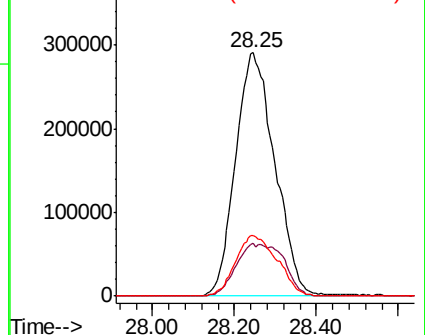
277 26.1 21.1 31.7

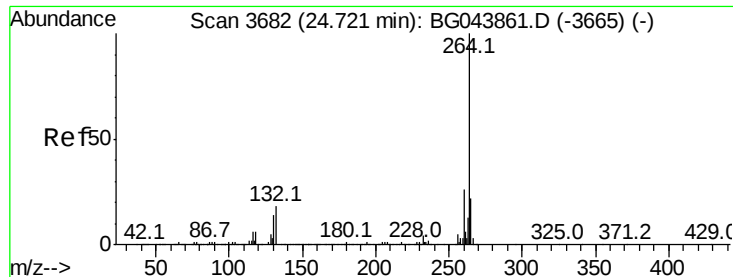


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

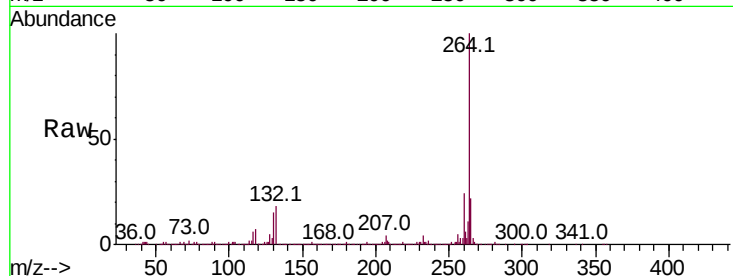
Tot Ion:264 Resp: 647491

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	22.4	17.4	26.2

264 100

260 23.8 20.4 30.6

265 22.4 17.4 26.2

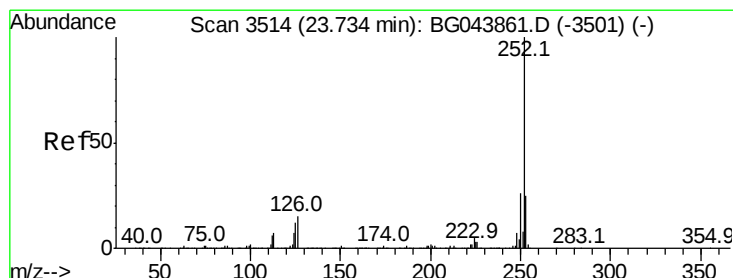
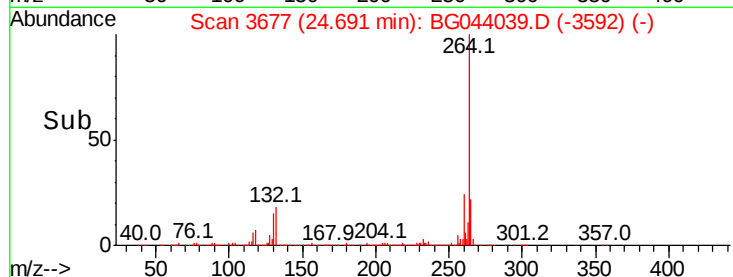
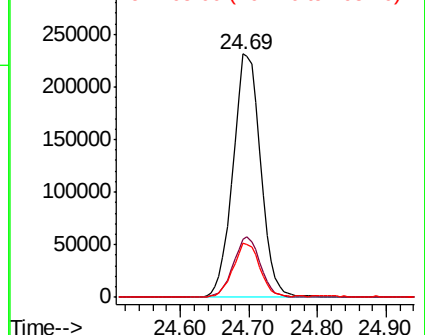


Abundance

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: 44.098 ng

RT: 23.71 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

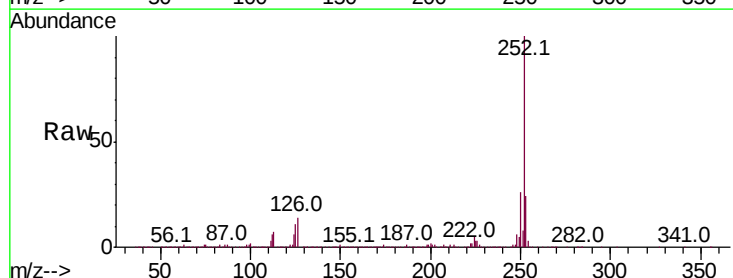
Tgt Ion:252 Resp: 1687994

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	11.4	9.4	14.2

252 100

253 24.3 19.7 29.5

125 11.4 9.4 14.2

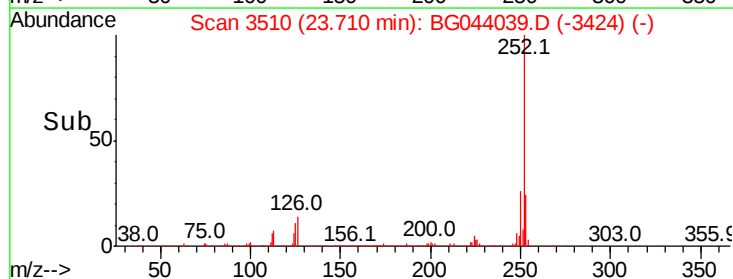
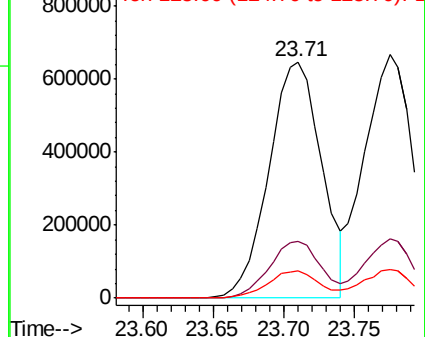


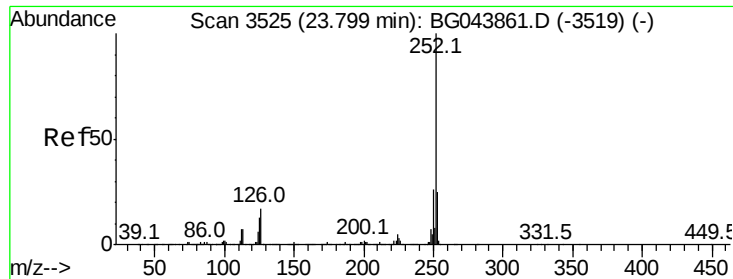
Abundance

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: 43.965 ng

RT: 23.77 min Scan# 3521

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

Instrument :

BNA_G

ClientSampleId :

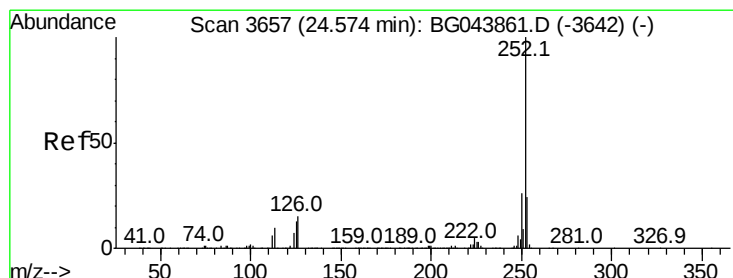
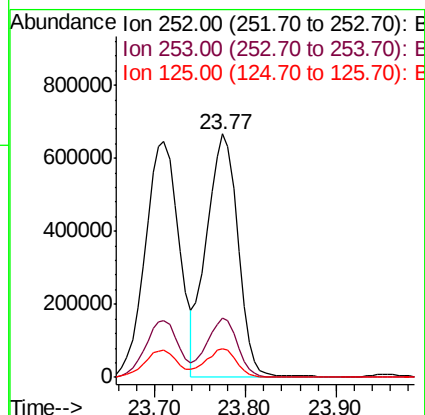
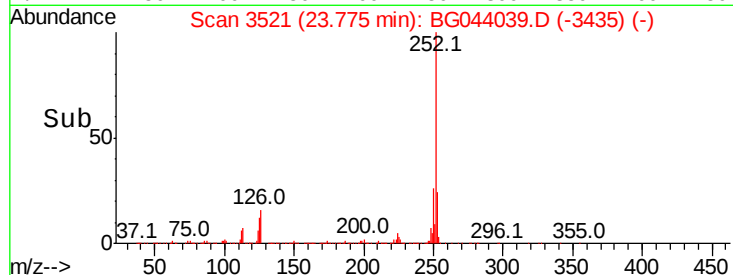
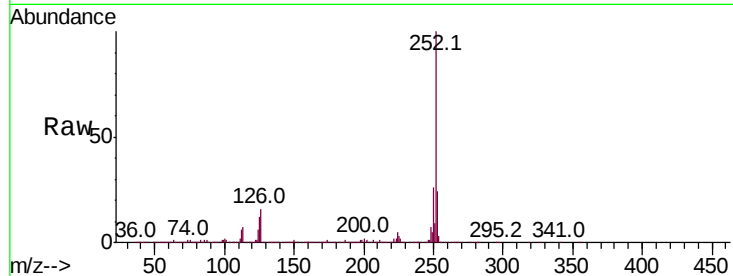
Tot Ion:252 Resp: 1600309

Ion Ratio Lower Upper

252 100

253 24.4 19.4 29.2

125 11.9 9.9 14.9



#90

Benzo(a)pyrene

Concen: 42.975 ng

RT: 24.56 min Scan# 3654

Delta R.T. -0.02 min

Lab File: BG044039.D

Acq: 14 Jan 2020 16:47

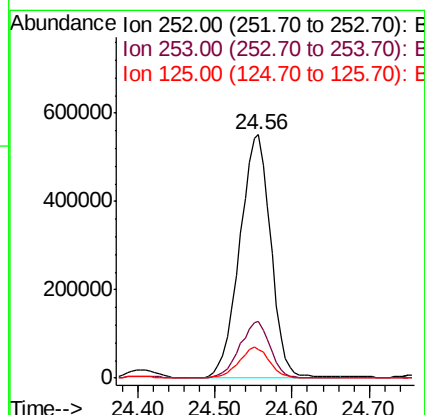
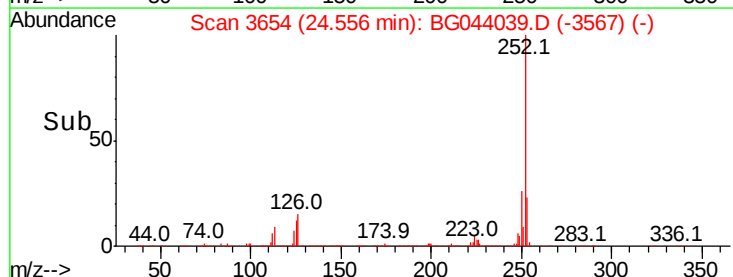
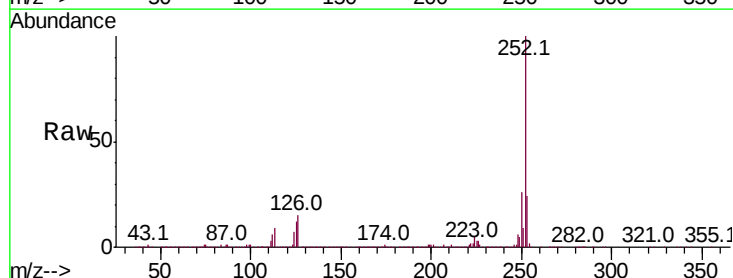
Tgt Ion:252 Resp: 1552599

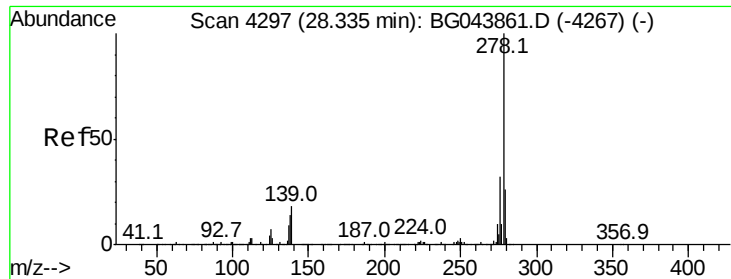
Ion Ratio Lower Upper

252 100

253 23.6 19.3 28.9

125 11.9 10.4 15.6



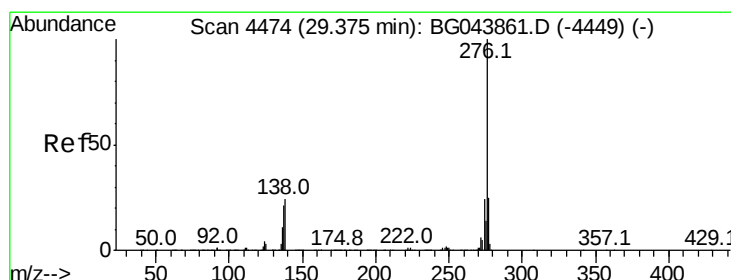
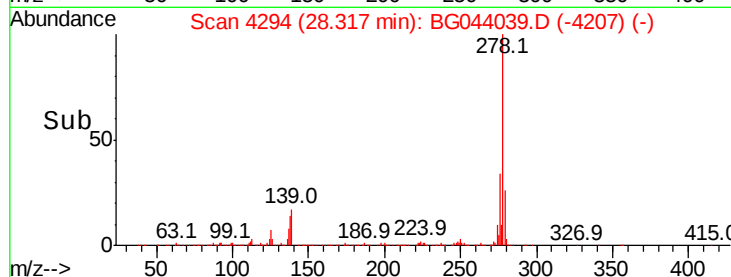
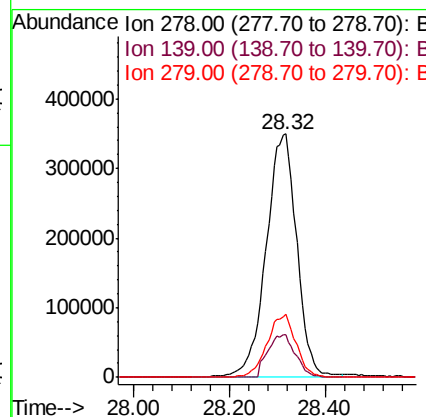
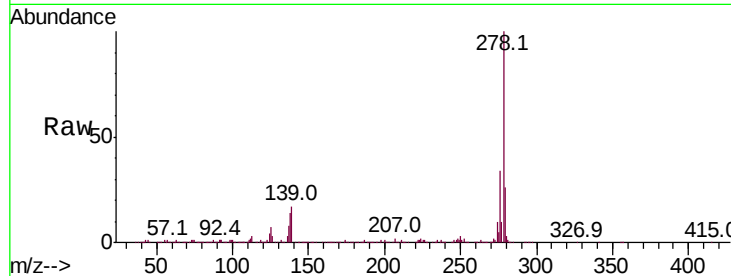


#91
Dibenzo(a,h)anthracene
Concen: 42.682 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1548612

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.4
279	25.8	20.6	30.8



#92
Benzo(g,h,i)perylene
Concen: 45.022 ng
RT: 29.38 min Scan# 4475
Delta R.T. 0.01 min
Lab File: BG044039.D
Acq: 14 Jan 2020 16:47

Tgt Ion:276 Resp: 1622617

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.4
138	22.1	19.0	28.6

