

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044581.D
 Acq On : 25 Feb 2020 17:56
 Operator : CG/JU
 Sample : PB127067BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:00:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	63256	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	249378	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	162924	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	373125	20.00	ng	0.00
76) Chrysene-d12	21.50	240	355408	20.00	ng	0.00
87) Perylene-d12	24.57	264	348205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	447481	113.50	ng	0.01
7) Phenol-d6	7.05	99	578772	107.25	ng	0.00
23) Nitrobenzene-d5	9.03	82	303997	62.80	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	244907	106.01	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	711081	62.50	ng	0.00
79) Terphenyl-d14	19.88	244	1237961	65.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	62110	36.102	ng	99
3) Pyridine	3.72	79	145386	30.286	ng	98
4) n-Nitrosodimethylamine	3.64	42	71371	39.146	ng	99
6) Aniline	7.20	93	178319	27.140	ng	99
8) 2-Chlorophenol	7.44	128	172022	39.971	ng	98
9) Benzaldehyde	7.01	77	71321	22.475	ng	97
10) Phenol	7.08	94	211354	40.415	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	162960	37.067	ng	98
12) 1,3-Dichlorobenzene	7.77	146	189221	36.863	ng	100
13) 1,4-Dichlorobenzene	7.91	146	189110	36.659	ng	98
14) 1,2-Dichlorobenzene	8.23	146	178781	36.443	ng	97
15) Benzyl Alcohol	8.11	79	137465	37.770	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	208488	35.286	ng	98
17) 2-Methylphenol	8.33	107	145017	38.816	ng	97
18) Hexachloroethane	8.95	117	69595	36.915	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	121445	35.010	ng	97
20) 3+4-Methylphenols	8.65	107	197260	38.566	ng	99
22) Acetophenone	8.69	105	233900	37.358	ng	# 98
24) Nitrobenzene	9.08	77	175621	37.449	ng	99
25) Isophorone	9.60	82	334615	36.952	ng	99
26) 2-Nitrophenol	9.79	139	98006	38.535	ng	99
27) 2,4-Dimethylphenol	9.86	122	160227	44.869	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	212144	35.426	ng	99
29) 2,4-Dichlorophenol	10.33	162	169602	39.726	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	177232	35.895	ng	99
31) Naphthalene	10.73	128	509066	37.410	ng	100
32) Benzoic acid	10.02	122	81366	54.826	ng	99
33) 4-Chloroaniline	10.84	127	123172	20.551	ng	99
34) Hexachlorobutadiene	11.02	225	105663	34.077	ng	97
35) Caprolactam	11.60	113	29103	19.042	ng	97
36) 4-Chloro-3-methylphenol	11.97	107	173875	39.565	ng	99
37) 2-Methylnaphthalene	12.34	142	377789	37.565	ng	99
38) 1-Methylnaphthalene	12.55	142	355121	37.162	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	190963	34.816	ng	99

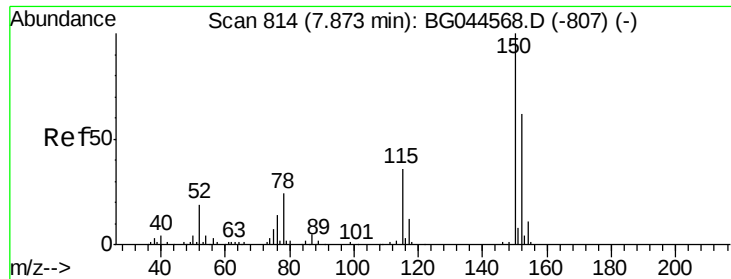
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044581.D
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 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	167345	65.731	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	135360	38.008	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	146527	40.052	ng	97
46) 1,1'-Biphenyl	13.35	154	474426	35.188	ng	99
47) 2-Chloronaphthalene	13.39	162	369522	34.951	ng	99
48) 2-Nitroaniline	13.59	65	106899	36.424	ng	95
49) Acenaphthylene	14.23	152	582567	37.329	ng	99
50) Dimethylphthalate	13.97	163	482491	36.691	ng	99
51) 2,6-Dinitrotoluene	14.09	165	107463	37.054	ng	97
52) Acenaphthene	14.58	154	357967	35.983	ng	99
53) 3-Nitroaniline	14.42	138	79992	25.574	ng	97
54) 2,4-Dinitrophenol	14.63	184	121219	71.306	ng	97
55) Dibenzofuran	14.92	168	570607	37.414	ng	99
56) 4-Nitrophenol	14.75	139	205809	95.657	ng	98
57) 2,4-Dinitrotoluene	14.88	165	153813	37.723	ng	99
58) Fluorene	15.56	166	452694	37.436	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	131317	38.979	ng	98
60) Diethylphthalate	15.34	149	488720	37.509	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	240206	36.533	ng	99
62) 4-Nitroaniline	15.59	138	111232	35.516	ng	93
63) Azobenzene	15.85	77	426538	38.466	ng	100
65) 4,6-Dinitro-2-methylphenol	15.65	198	95707	41.425	ng	97
66) n-Nitrosodiphenylamine	15.77	169	428064	36.779	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	160787	34.716	ng	98
68) Hexachlorobenzene	16.57	284	175378	33.492	ng	97
69) Atrazine	16.73	200	173406	40.301	ng	98
70) Pentachlorophenol	16.92	266	200359	78.358	ng	98
71) Phenanthrene	17.30	178	761482	36.862	ng	100
72) Anthracene	17.40	178	774828	38.061	ng	99
73) Carbazole	17.66	167	723898	39.066	ng	100
74) Di-n-butylphthalate	18.23	149	909113	39.152	ng	99
75) Fluoranthene	19.32	202	955431	39.070	ng	99
77) Benzidine	19.49	184	250178	20.549	ng	98
78) Pyrene	19.68	202	951844	36.894	ng	99
80) Butylbenzylphthalate	20.57	149	412419	36.546	ng	99
81) Benzo(a)anthracene	21.49	228	916066	36.673	ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	304624	30.869	ng	98
83) Chrysene	21.55	228	887933	36.765	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	590003	37.943	ng	99
85) Di-n-octyl phthalate	22.56	149	1041053	38.053	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1110021	35.813	ng	99
88) Benzo(b)fluoranthene	23.61	252	985018	43.025	ng	99
89) Benzo(k)fluoranthene	23.67	252	949634	42.750	ng	99
90) Benzo(a)pyrene	24.43	252	894545	41.587	ng	98
91) Dibenzo(a,h)anthracene	28.10	278	932037	43.813	ng	100
92) Benzo(g,h,i)perylene	29.13	276	949070	44.529	ng	100

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

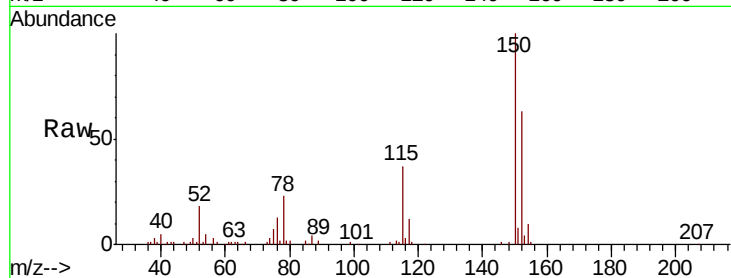


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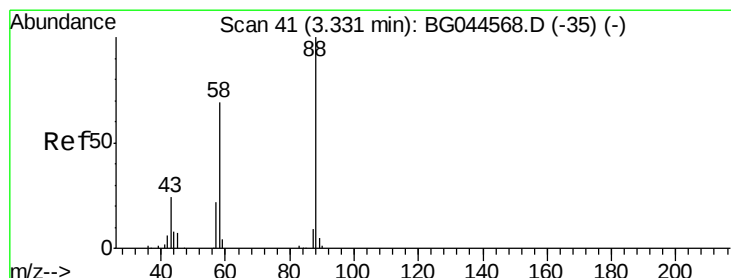
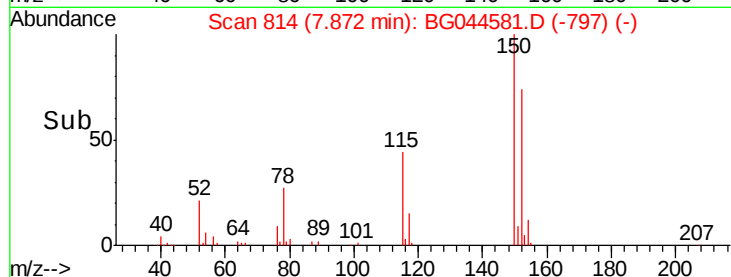
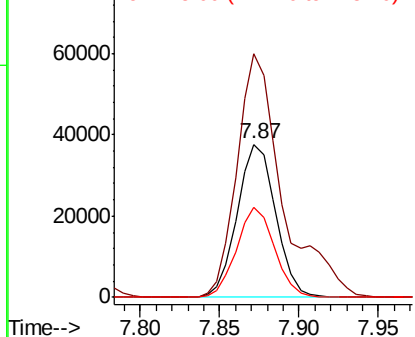
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63256
Ion Ratio Lower Upper
152 100
150 159.1 128.9 193.3
115 59.1 47.0 70.4



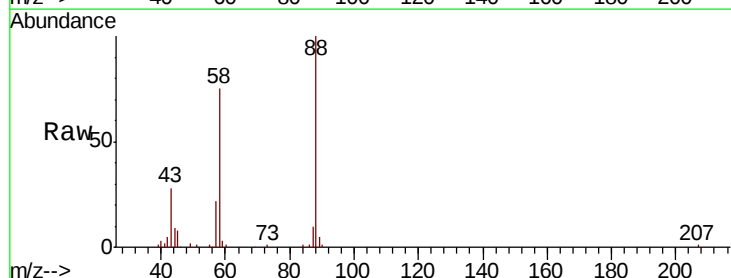
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



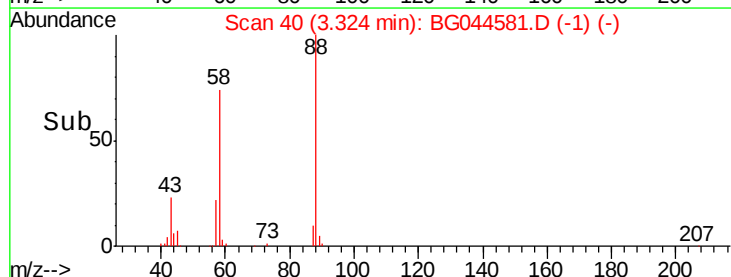
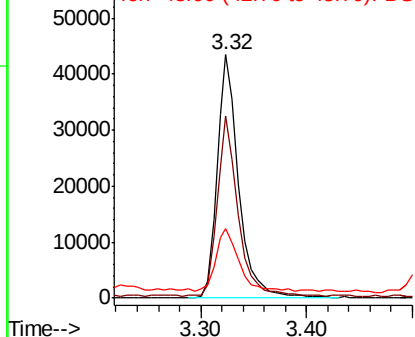
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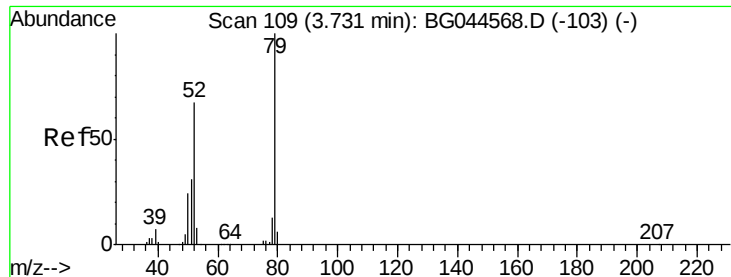
1,4-Dioxane
Concen: 36.102 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion: 88 Resp: 62110
Ion Ratio Lower Upper
88 100
58 71.1 55.8 83.8
43 25.7 20.6 31.0



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: 30.286 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

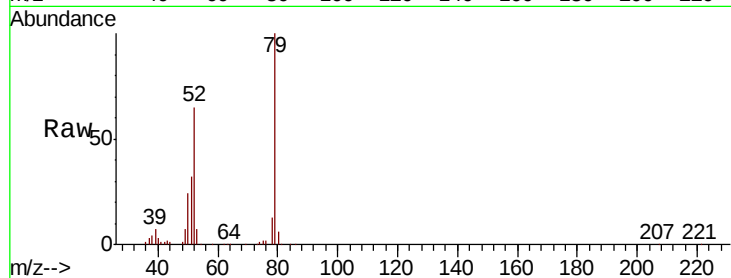
Tot Ion: 79 Resp: 145386

Ion Ratio Lower Upper

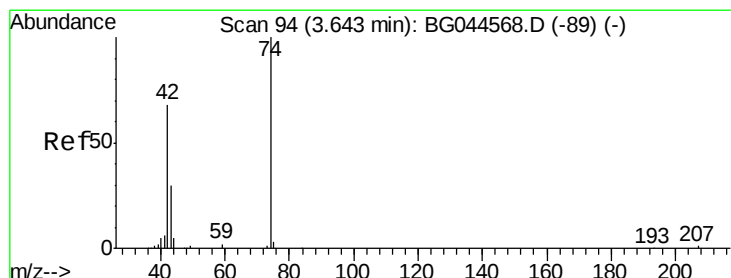
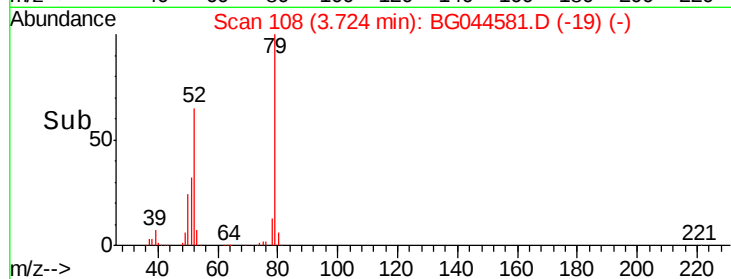
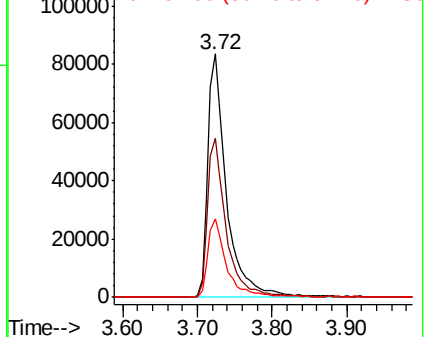
79 100

52 65.3 53.7 80.5

51 32.1 25.4 38.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.146 ng

RT: 3.64 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

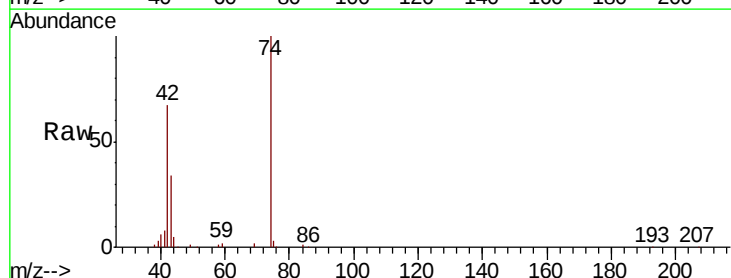
Tgt Ion: 42 Resp: 71371

Ion Ratio Lower Upper

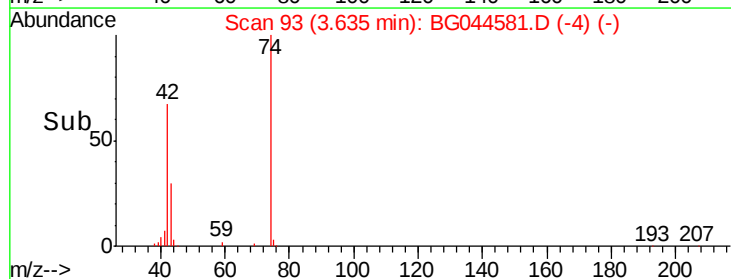
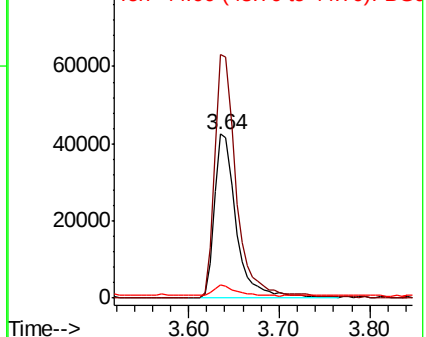
42 100

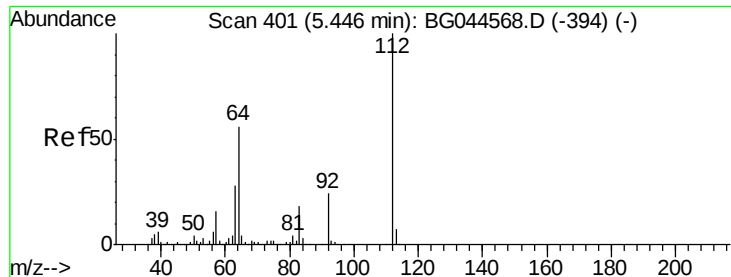
74 148.4 117.6 176.4

44 8.1 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.502 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

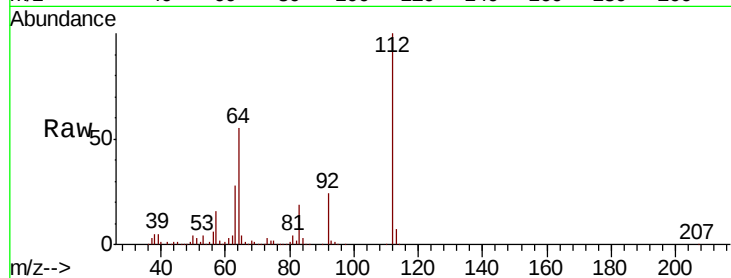
Tot Ion:112 Resp: 447481

Ion Ratio Lower Upper

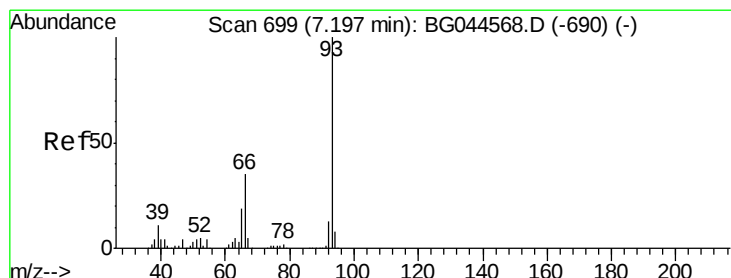
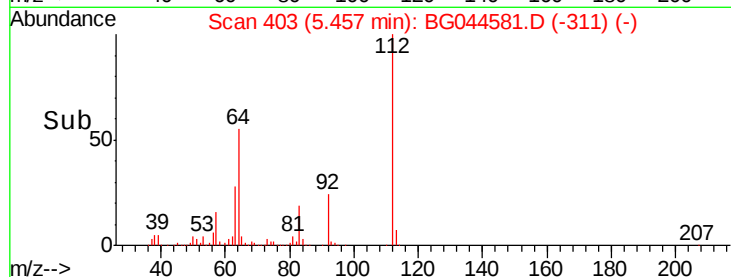
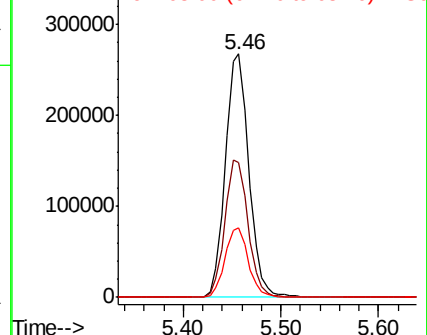
112 100

64 55.3 44.8 67.2

63 28.4 22.3 33.5



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: 27.140 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

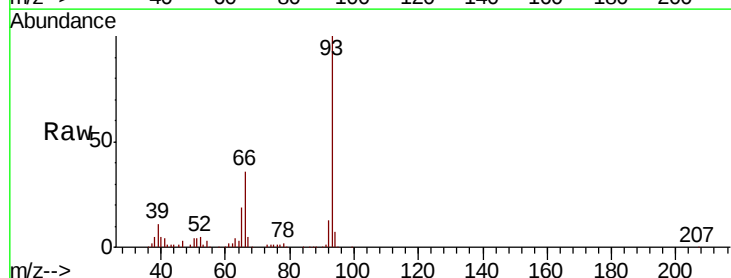
Tgt Ion: 93 Resp: 178319

Ion Ratio Lower Upper

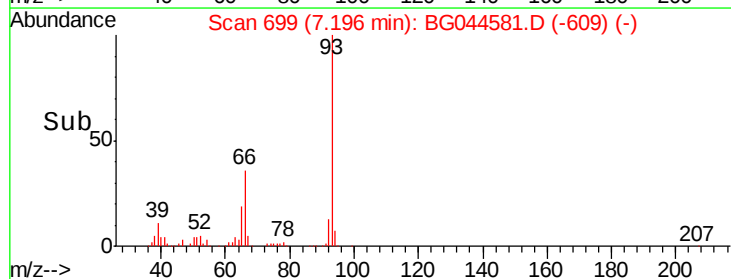
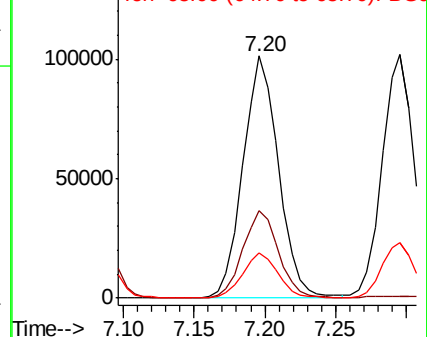
93 100

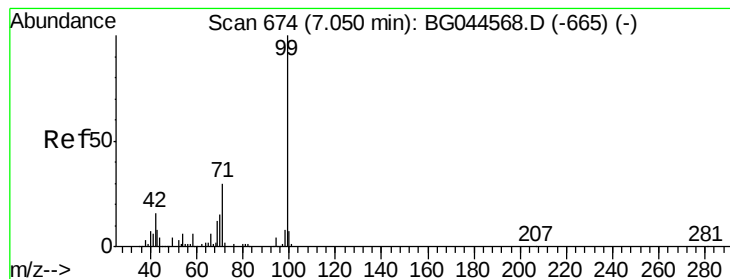
66 35.9 27.8 41.8

65 18.8 14.9 22.3



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: 107.249 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

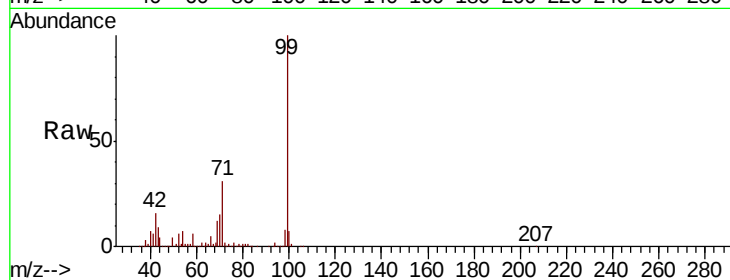
Tot Ion: 99 Resp: 578772

Ion Ratio Lower Upper

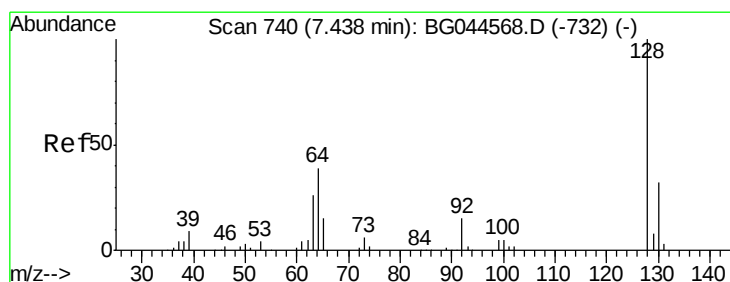
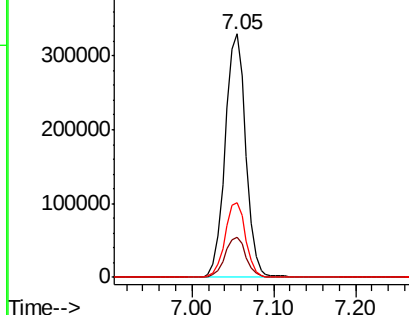
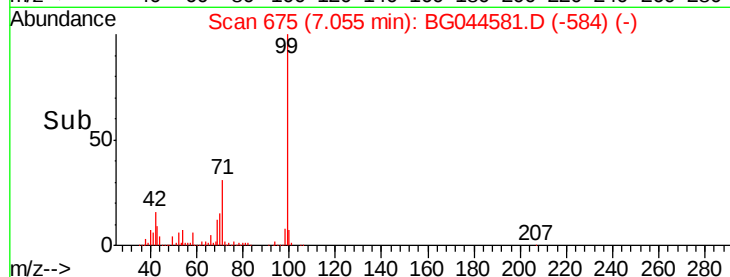
99 100

42 16.4 12.8 19.2

71 30.9 24.4 36.6



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: 39.971 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

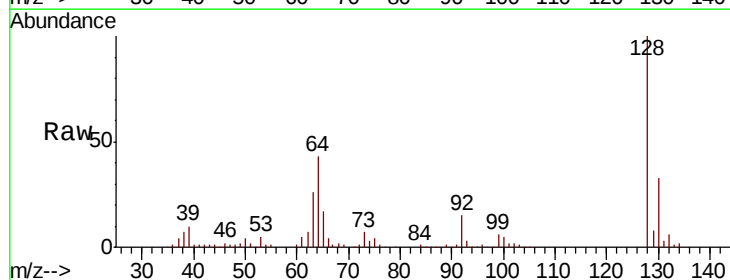
Tgt Ion: 128 Resp: 172022

Ion Ratio Lower Upper

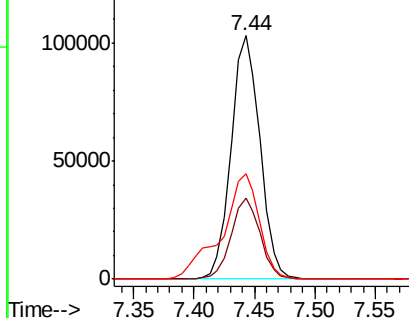
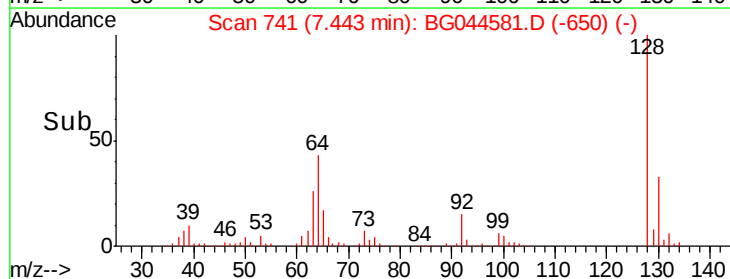
128 100

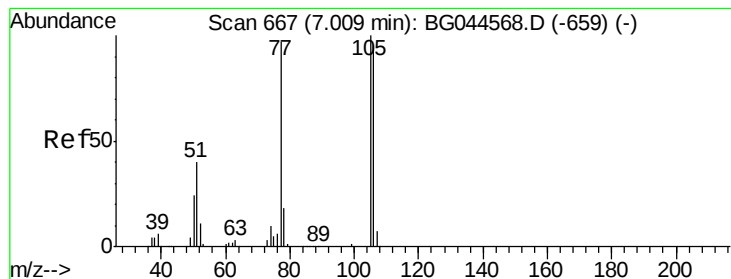
130 33.3 12.3 52.3

64 43.3 22.5 62.5



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





#9

Benzaldehyde

Concen: 22.475 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

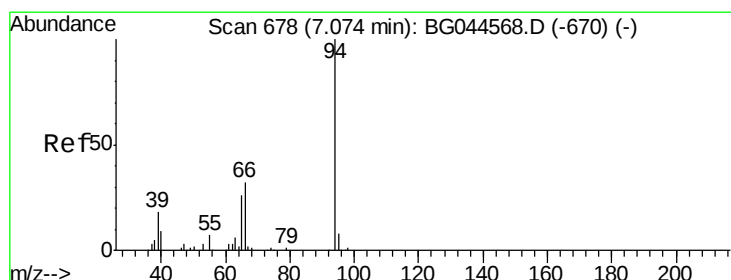
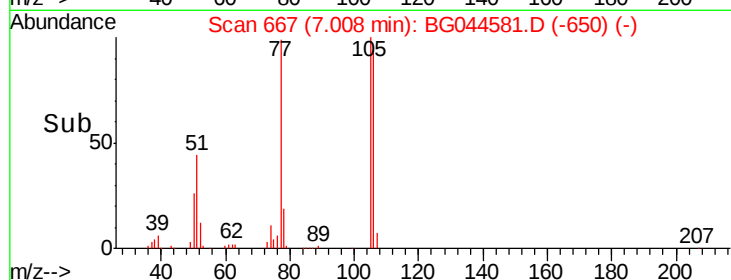
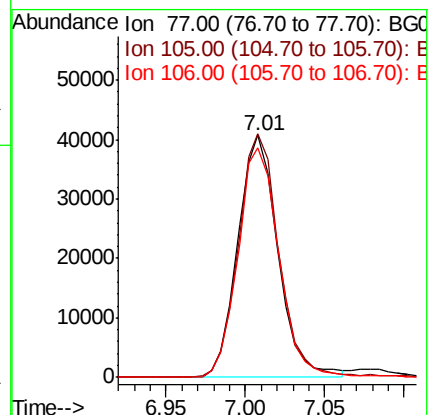
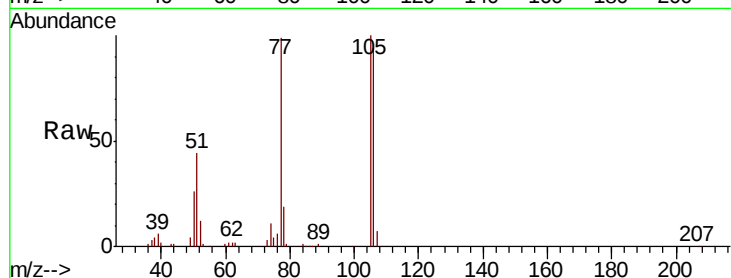
Tot Ion: 77 Resp: 71321

Ion Ratio Lower Upper

77 100

105 100.5 83.6 123.6

106 94.5 78.2 118.2



#10

Phenol

Concen: 40.415 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

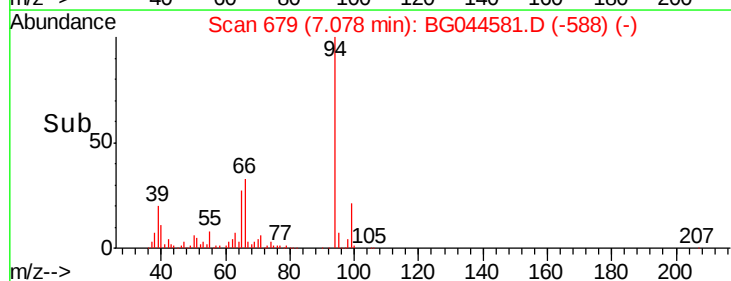
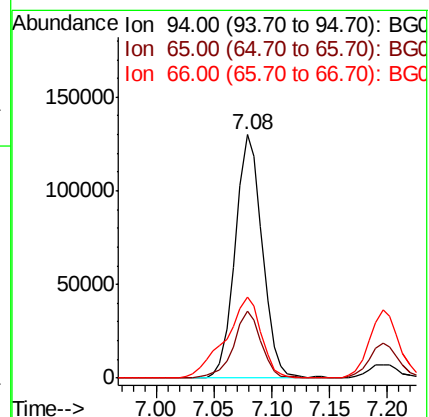
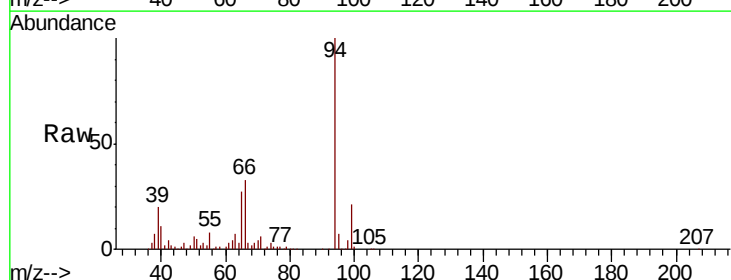
Tgt Ion: 94 Resp: 211354

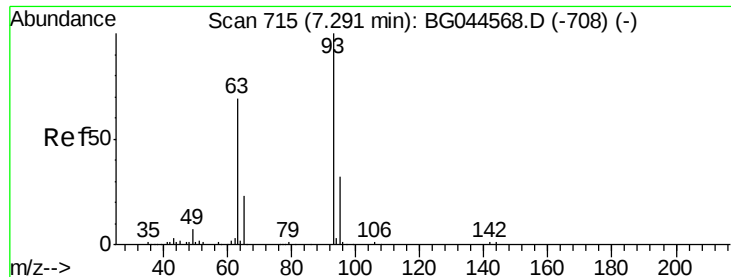
Ion Ratio Lower Upper

94 100

65 27.3 6.4 46.4

66 33.2 13.9 53.9

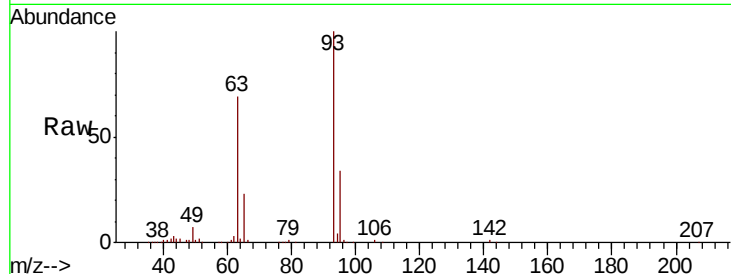




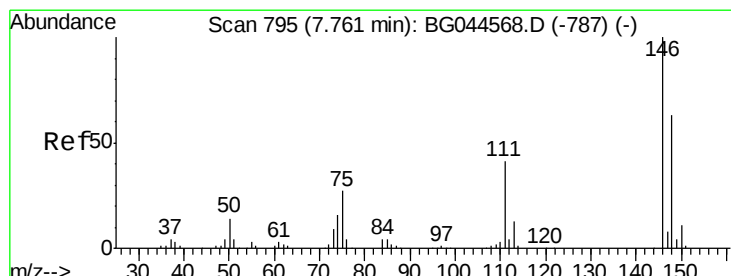
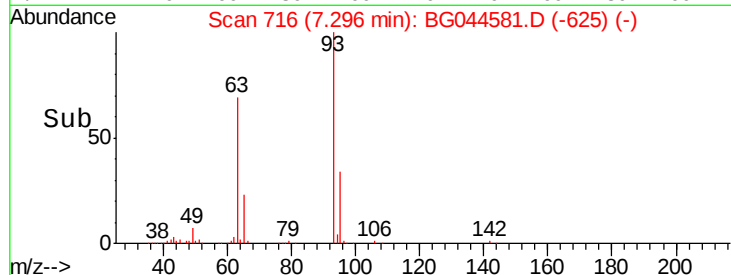
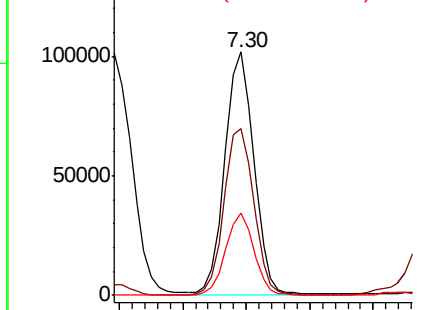
#11
bis(2-Chloroethyl)ether
Concen: 37.067 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.7	48.9	88.9
95	33.9	11.3	51.3

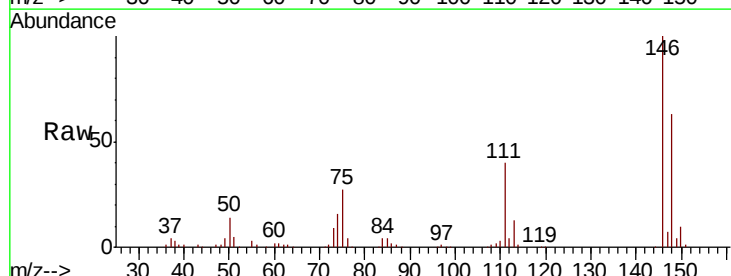


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

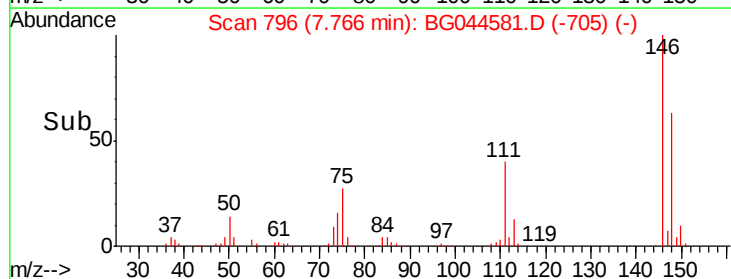
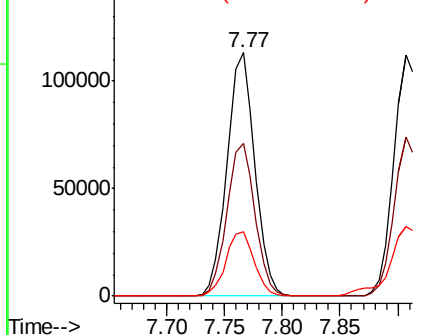


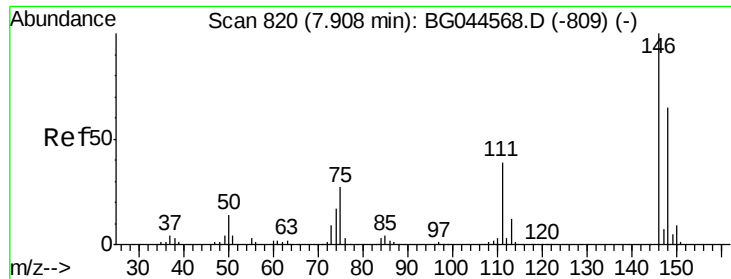
#12
1,3-Dichlorobenzene
Concen: 36.863 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
75	26.7	21.4	32.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

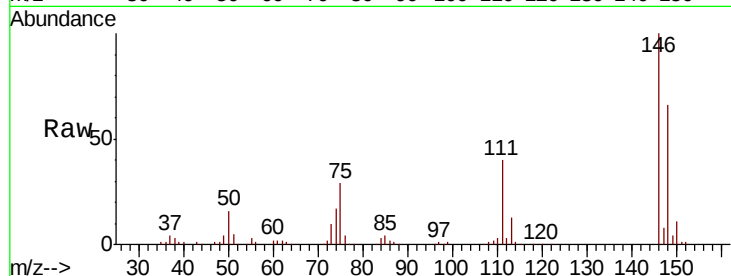




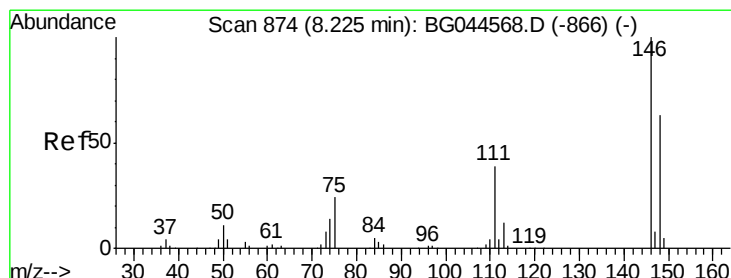
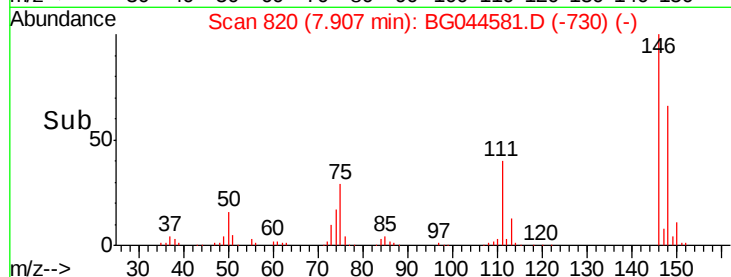
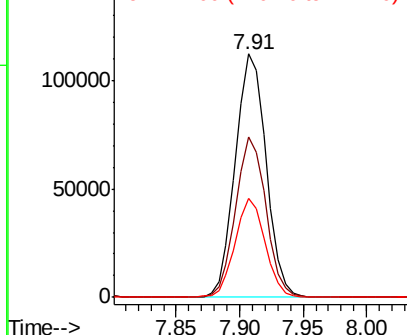
#13
 1,4-Dichlorobenzene
 Concen: 36.659 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:146 Resp: 189110
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 40.4 30.8 46.2

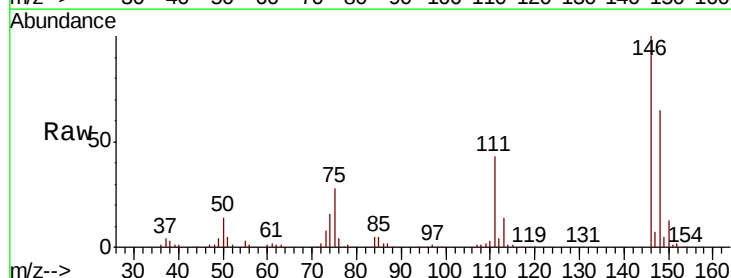


Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

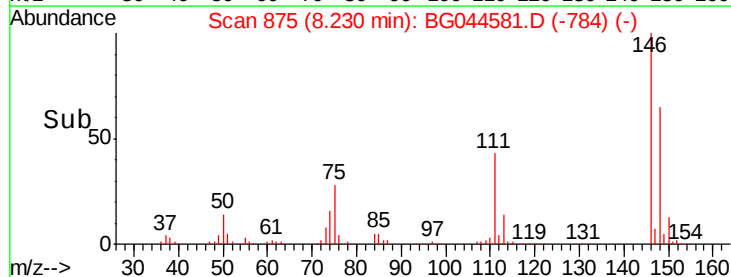
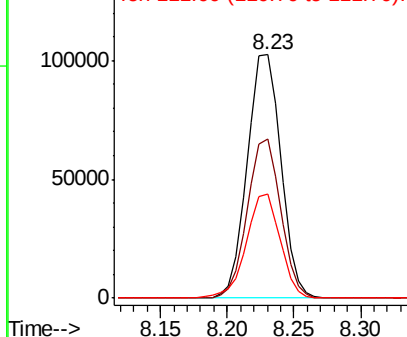


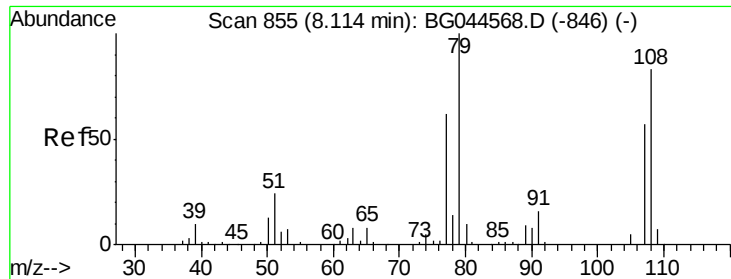
#14
 1,2-Dichlorobenzene
 Concen: 36.443 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion:146 Resp: 178781
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.7 76.1
 111 42.7 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E
 100000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.770 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

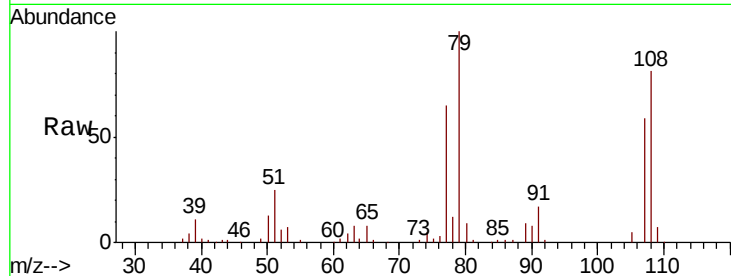
Tot Ion: 79 Resp: 137465

Ion Ratio Lower Upper

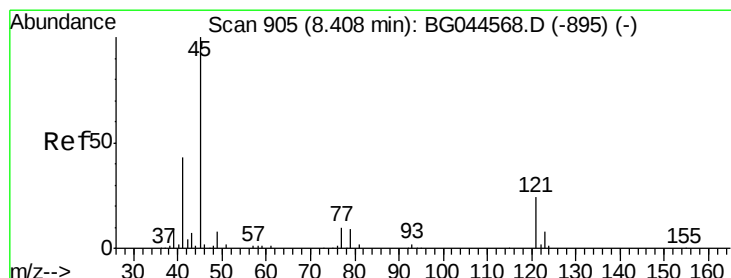
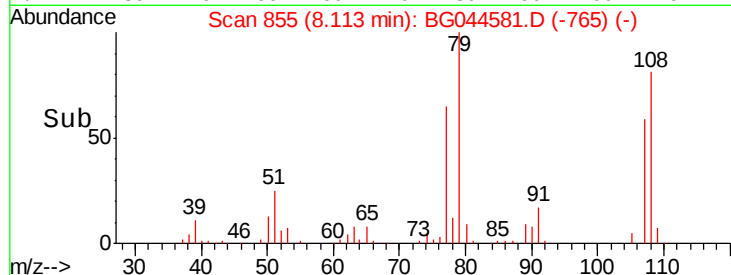
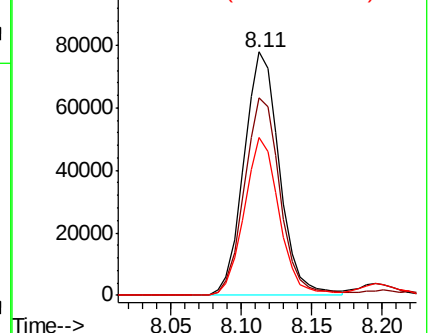
79 100

108 81.3 66.0 99.0

77 64.6 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.286 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

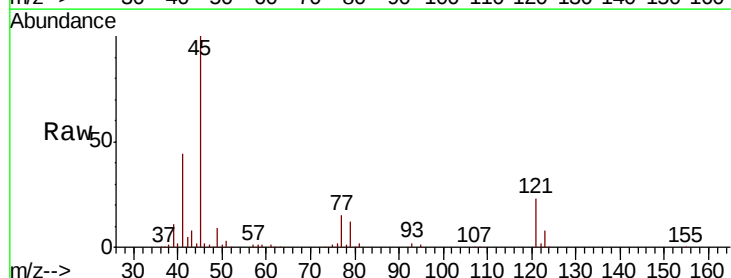
Tgt Ion: 45 Resp: 208488

Ion Ratio Lower Upper

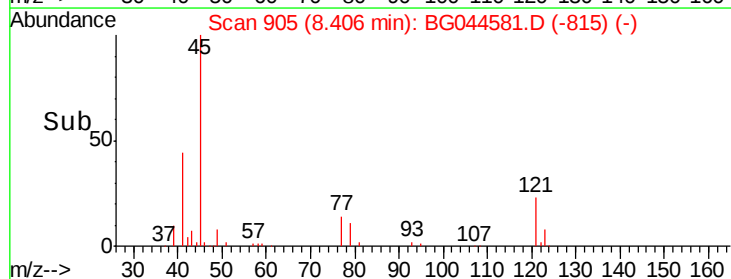
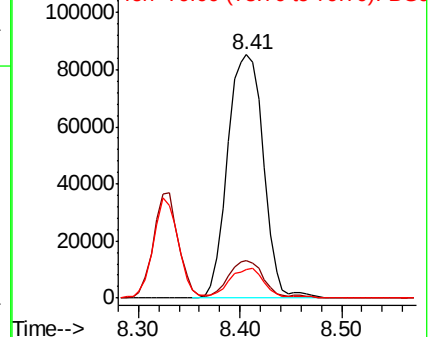
45 100

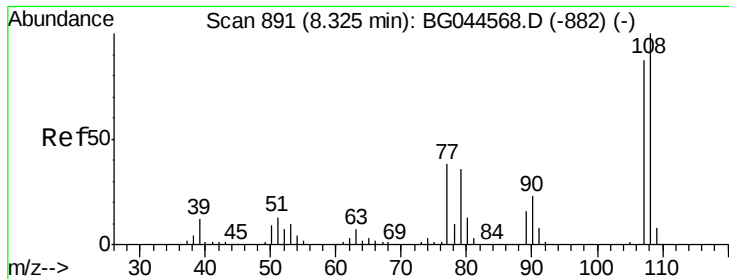
77 15.3 0.0 34.4

79 11.8 0.0 32.3



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

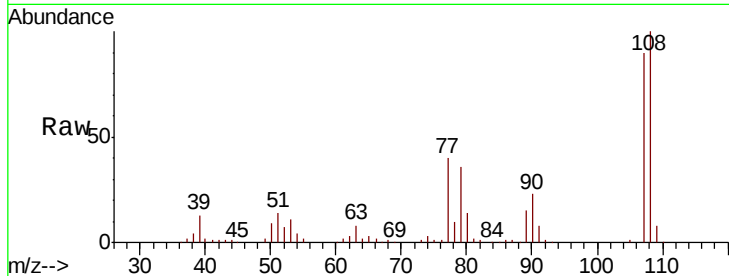




#17
2-Methylphenol
Concen: 38.816 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	44.8	35.1	52.7
79	39.6	33.2	49.8



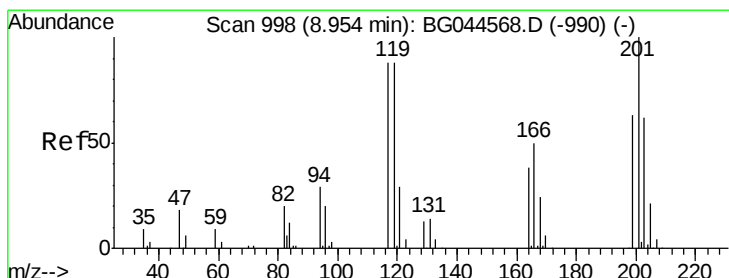
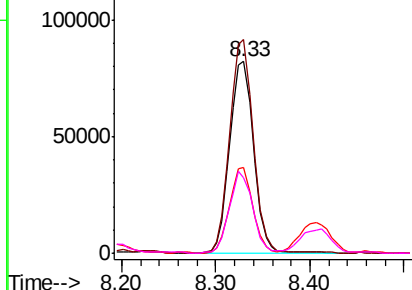
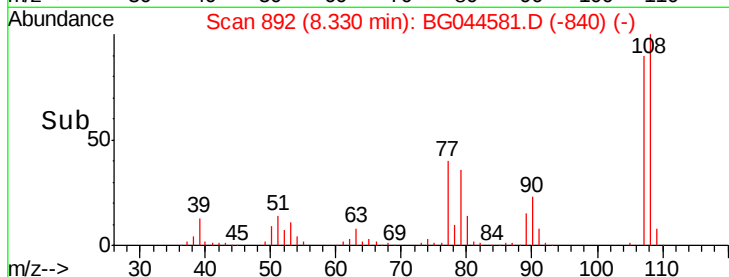
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

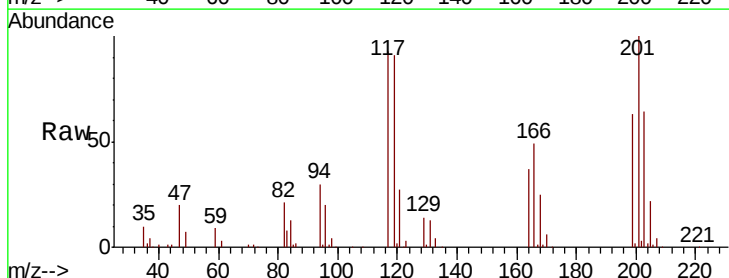
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.915 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	80.0	120.0
201	107.8	90.5	135.7

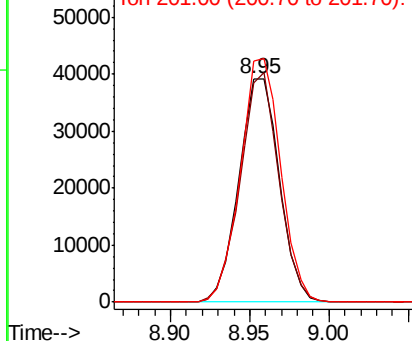
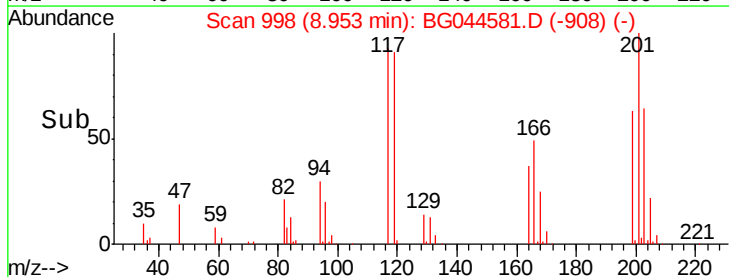


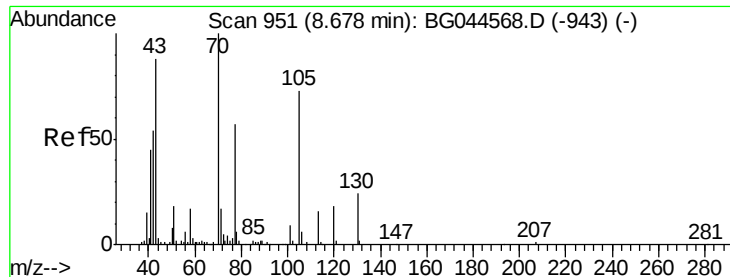
Abundance

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: 35.010 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 121445

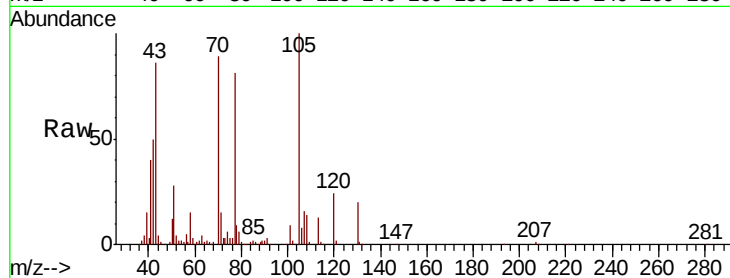
Ion Ratio Lower Upper

70 100

42 56.4 43.4 65.0

101 10.2 7.5 11.3

130 22.4 18.9 28.3

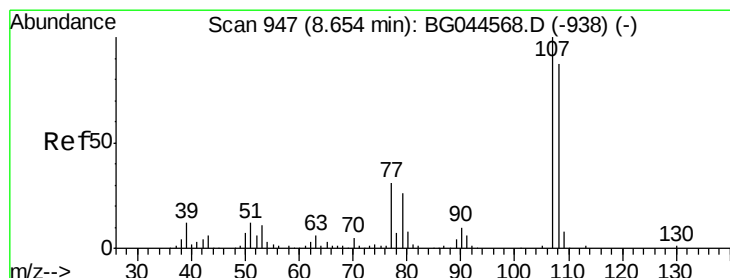
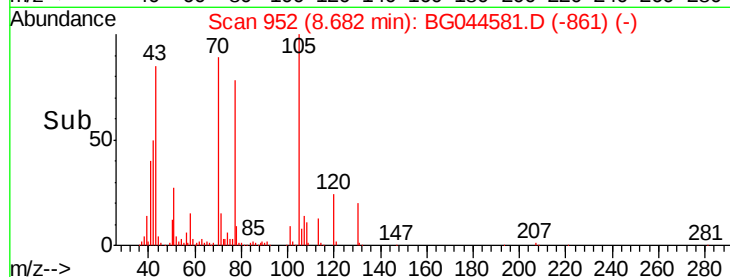
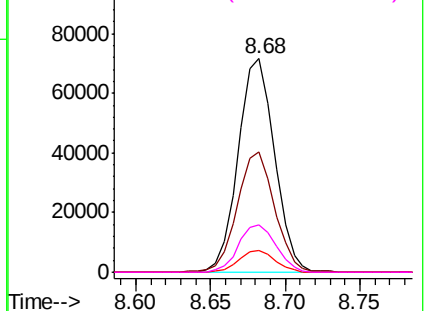


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 38.566 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion: 107 Resp: 197260

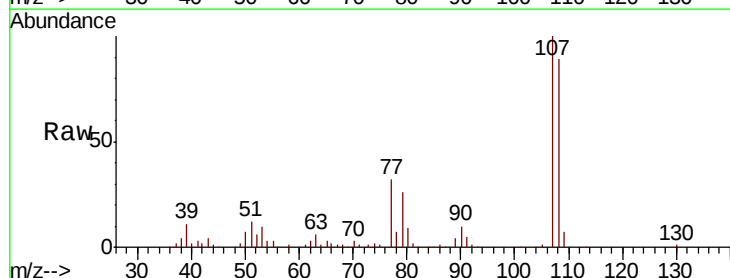
Ion Ratio Lower Upper

107 100

108 89.0 67.5 107.5

77 31.6 11.3 51.3

79 26.3 6.4 46.4

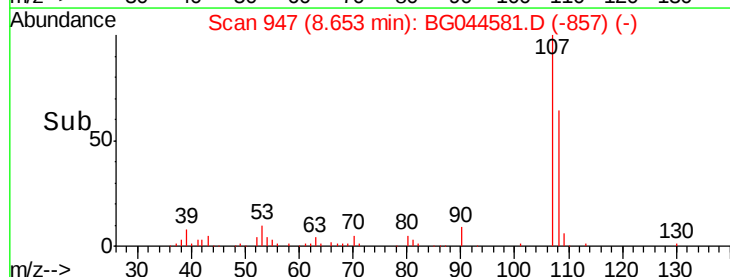
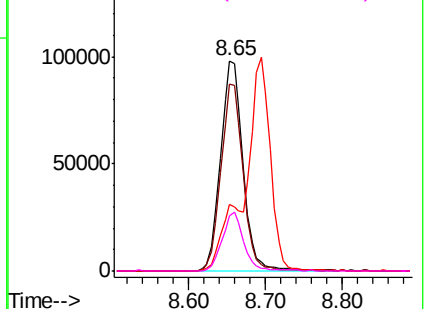


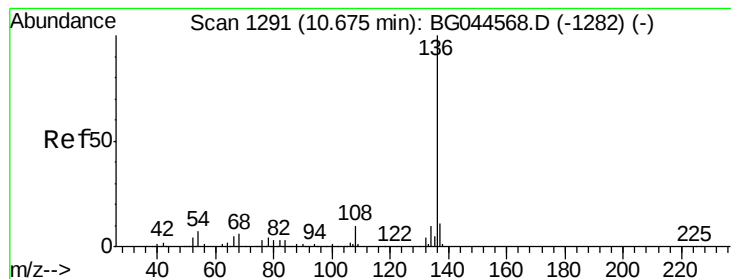
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 249378

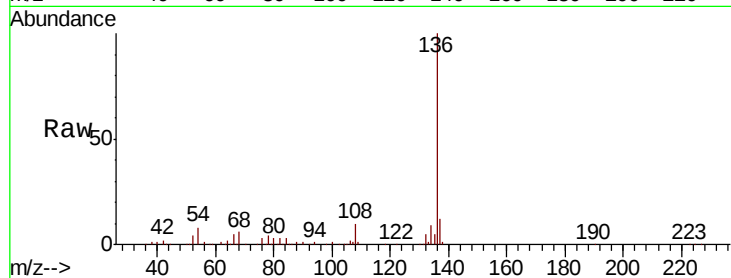
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 7.7 5.7 8.5

68 5.6 4.5 6.7

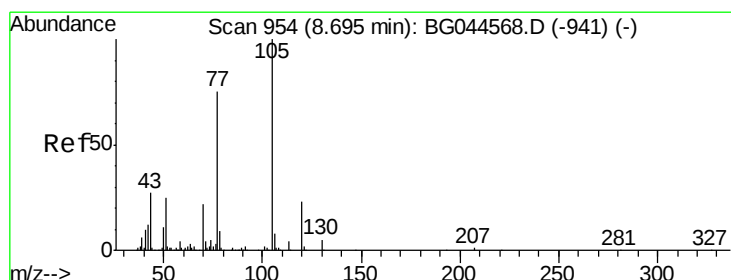
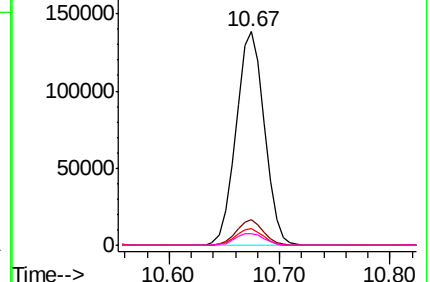
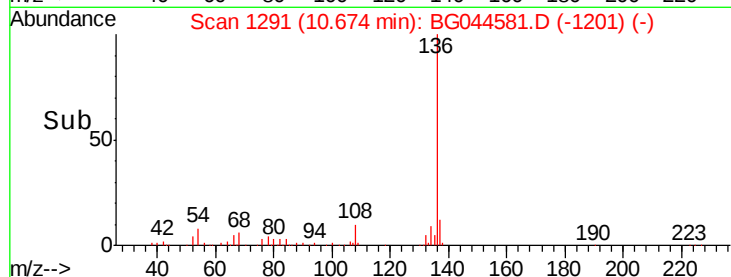


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.358 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:105 Resp: 233900

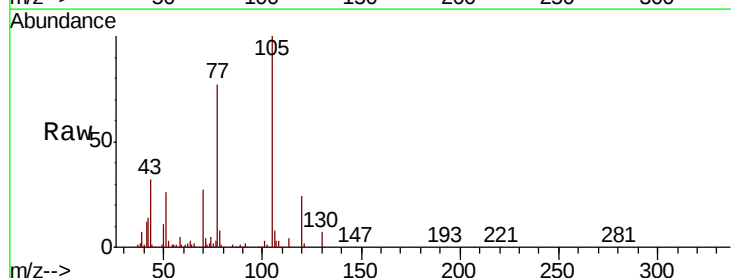
Ion Ratio Lower Upper

105 100

71 4.4 2.8 4.2#

51 25.8 19.9 29.9

120 24.1 18.6 28.0

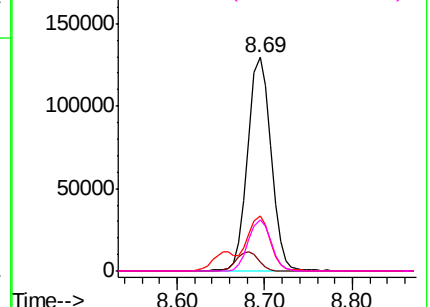
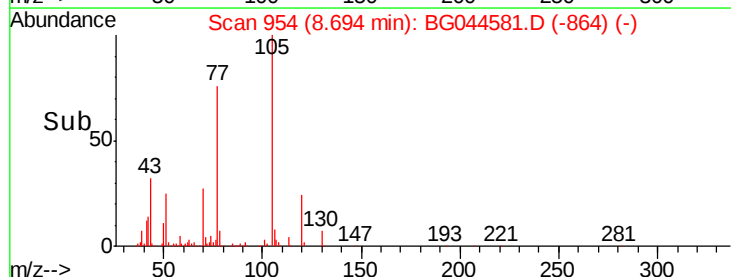


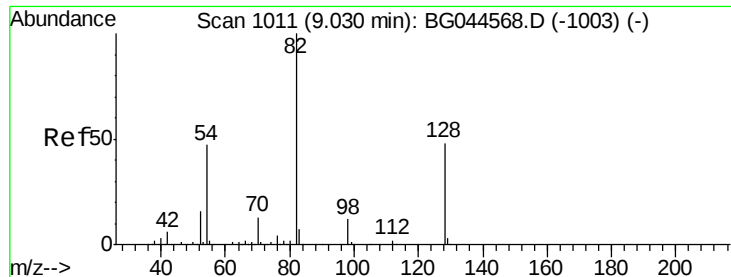
Abundance Ion 105.00 (104.70 to 105.70): E

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

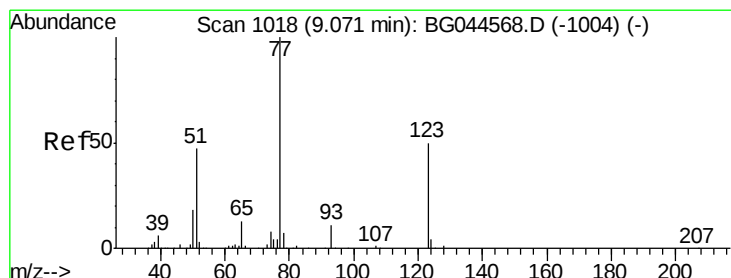
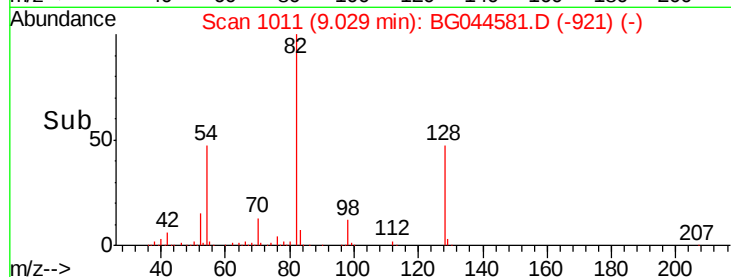
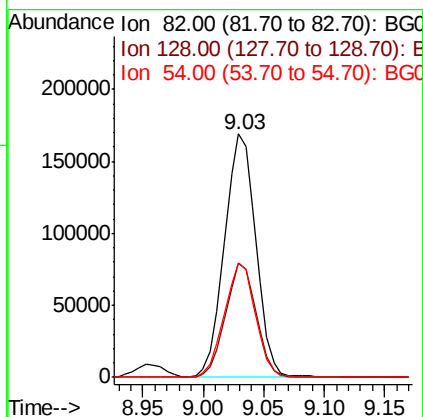
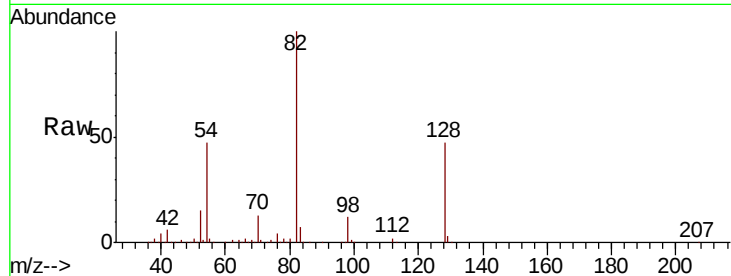




#23
Nitrobenzene-d5
Concen: 62.802 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

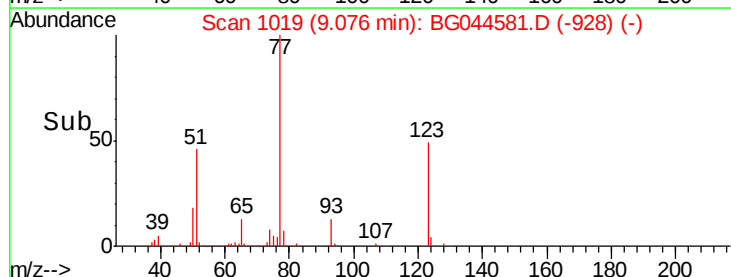
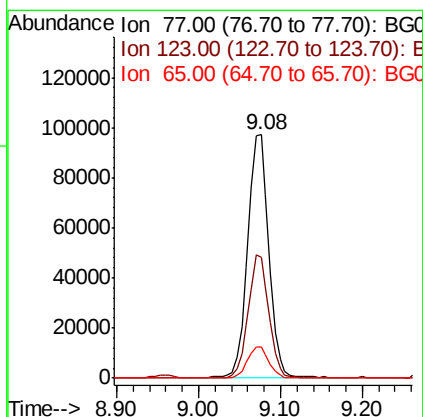
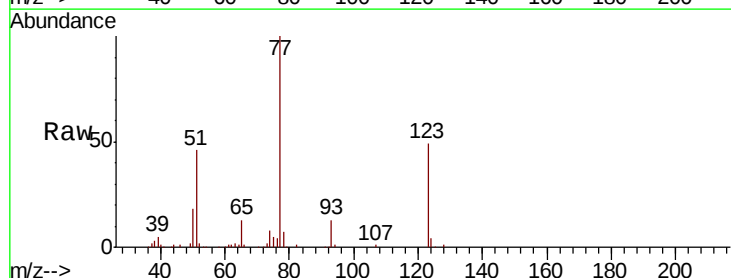
Instrument :
BNA_G
ClientSampled :

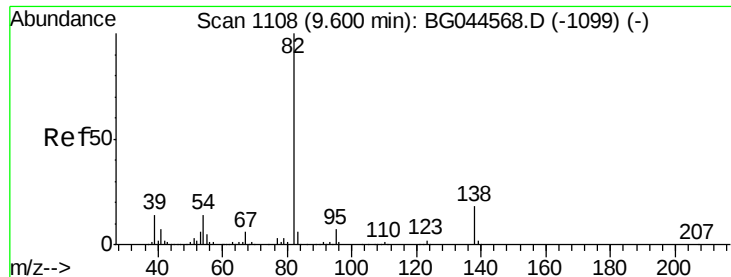
Tot Ion	82	Resp	303997
Ion Ratio	100	Lower	Upper
128	46.8	38.1	57.1
54	47.0	37.5	56.3



#24
Nitrobenzene
Concen: 37.449 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	77	Resp	175621
Ion Ratio	100	Lower	Upper
123	49.5	40.1	60.1
65	12.9	10.4	15.6





#25

Isophorone

Concen: 36.952 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

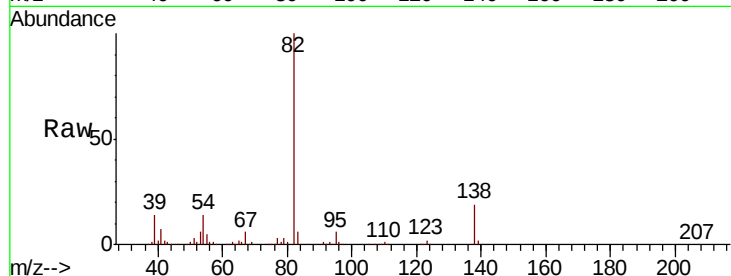
Tot Ion: 82 Resp: 334615

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

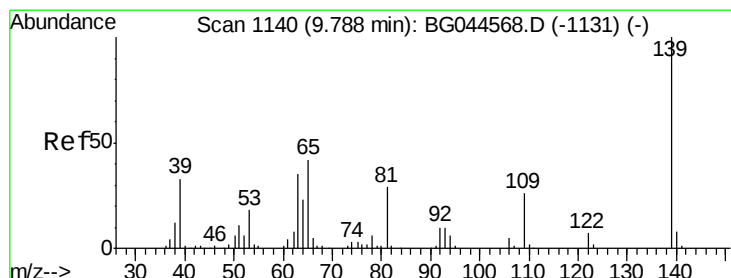
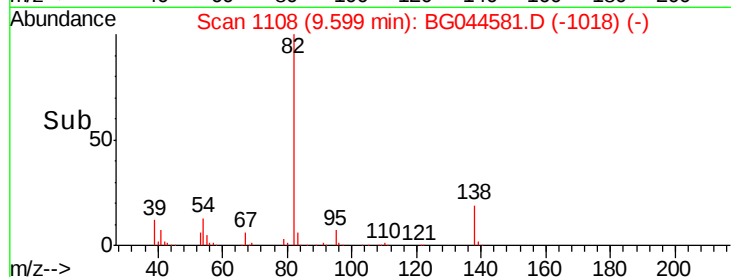
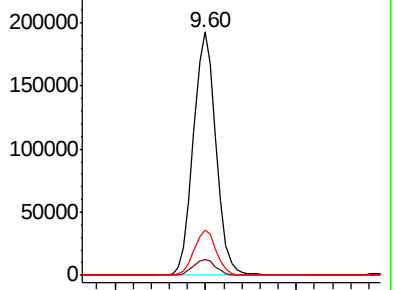
138 18.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044568.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG044568.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG044568.D (-1099) (-)



#26

2-Nitrophenol

Concen: 38.535 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

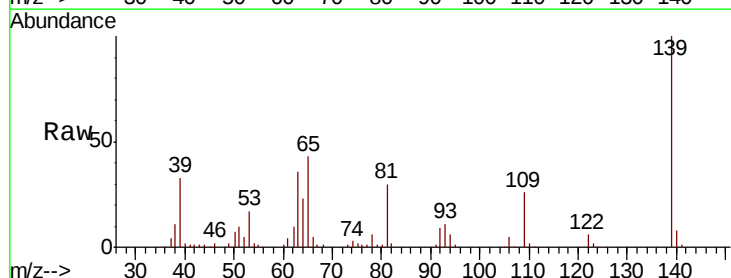
Tgt Ion: 139 Resp: 98006

Ion Ratio Lower Upper

139 100

109 25.8 20.6 31.0

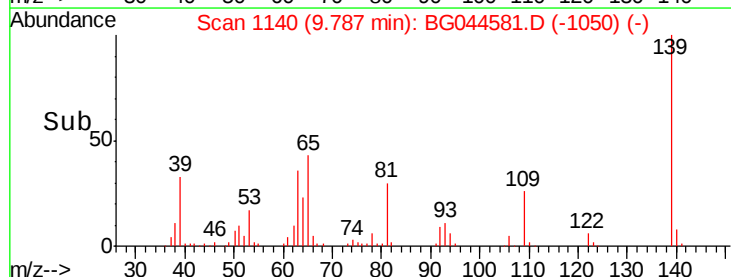
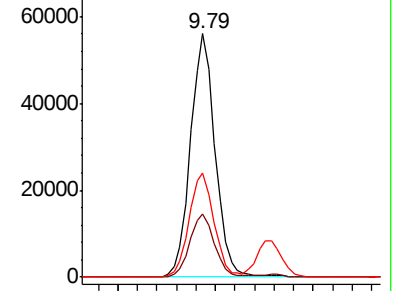
65 42.6 33.3 49.9

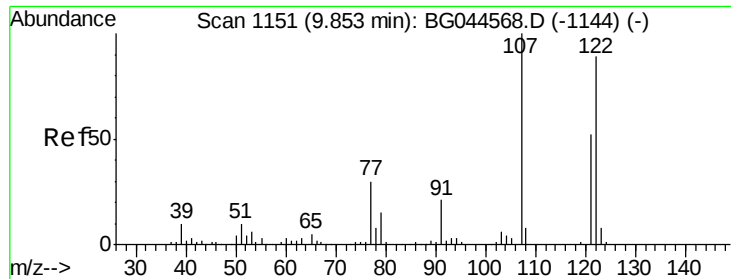


Abundance Ion 139.00 (138.70 to 139.70): BG044568.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BG044568.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BG044568.D (-1131) (-)

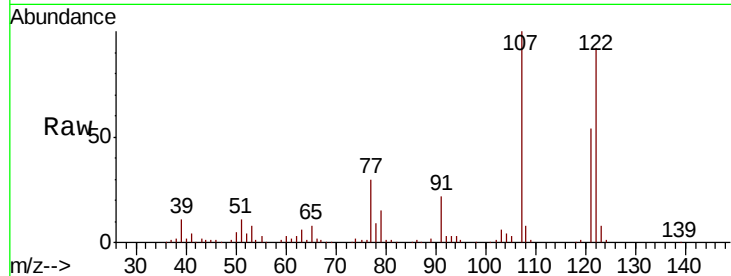




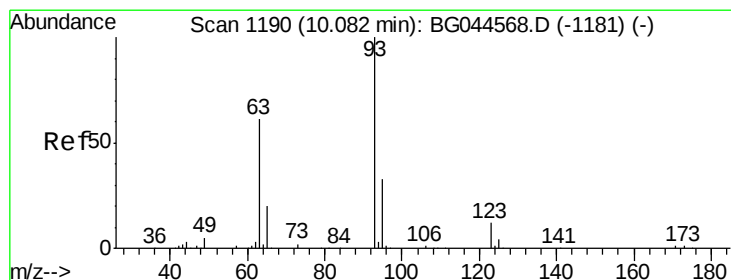
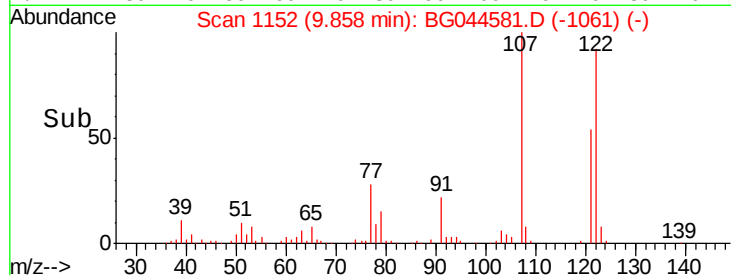
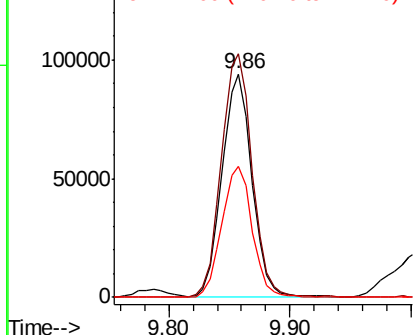
#27
2,4-Dimethylphenol
Concen: 44.869 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	89.4	134.0
121	58.7	46.5	69.7

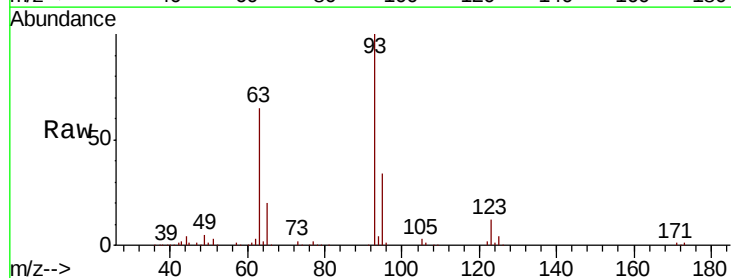


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

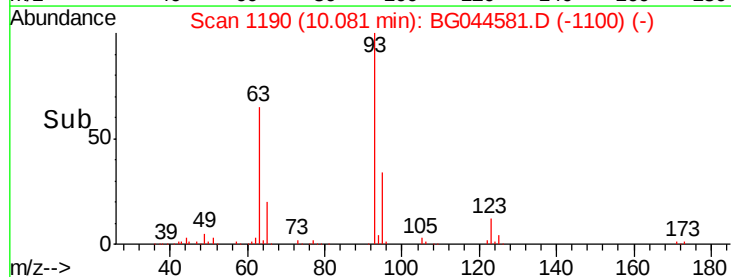
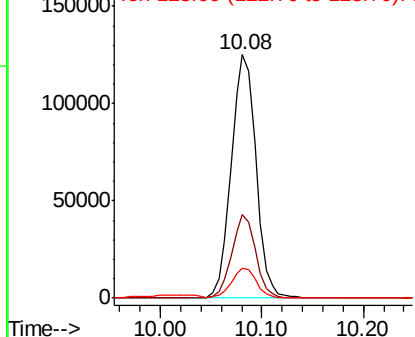


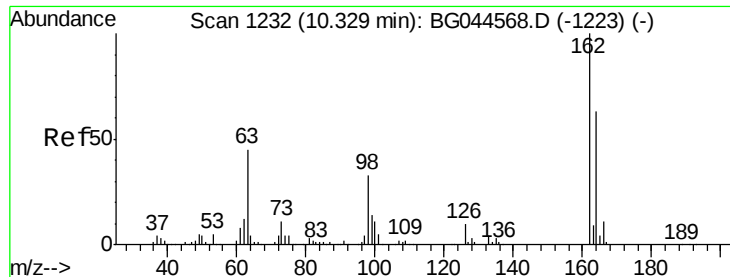
#28
bis(2-Chloroethoxy)methane
Concen: 35.426 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	12.4	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

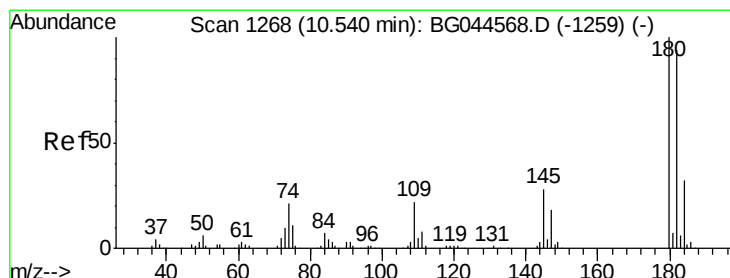
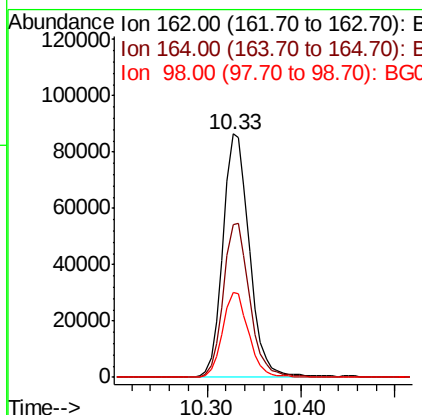
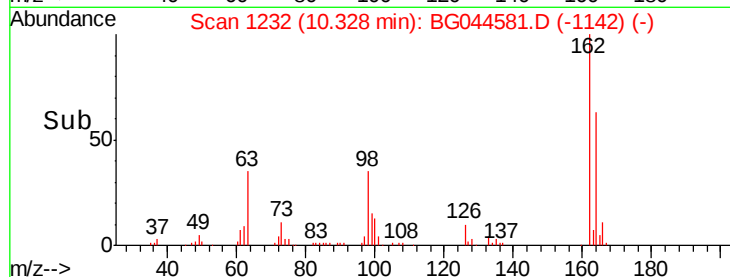
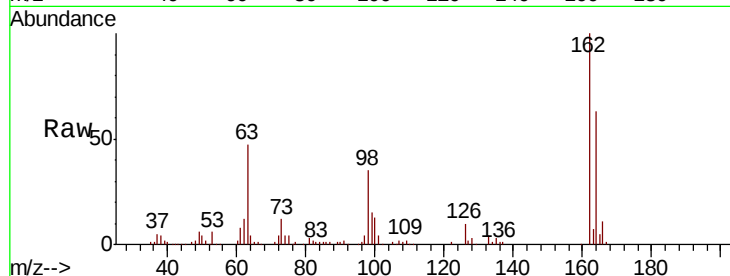




#29
 2,4-Dichlorophenol
 Concen: 39.726 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

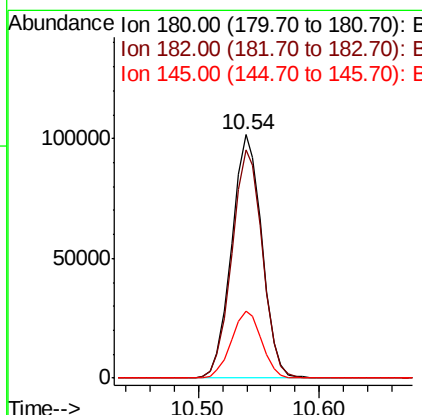
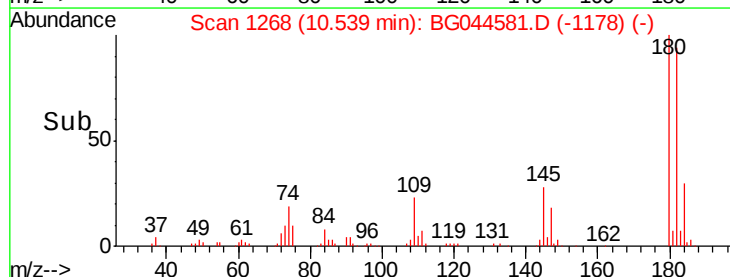
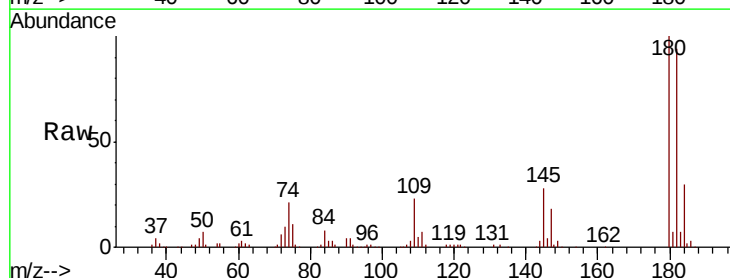
Instrument :
 BNA_G
 ClientSampleID :

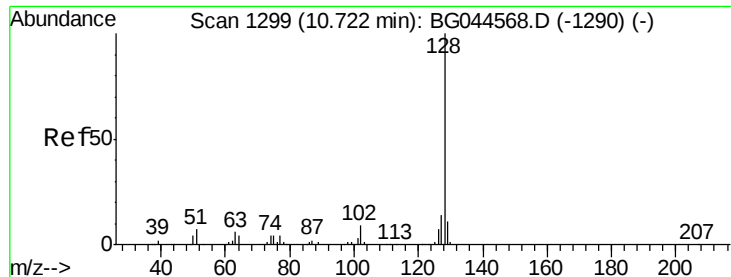
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.2	83.2
98	35.0	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 35.895 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.6	113.4
145	27.6	22.2	33.2

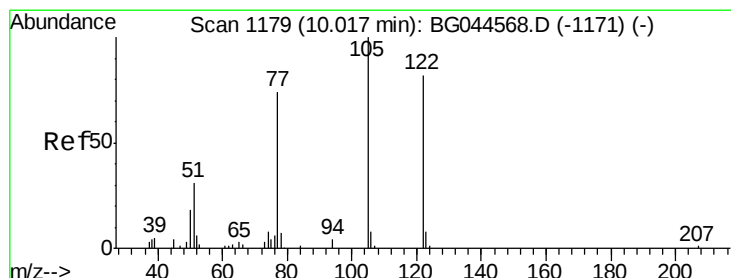
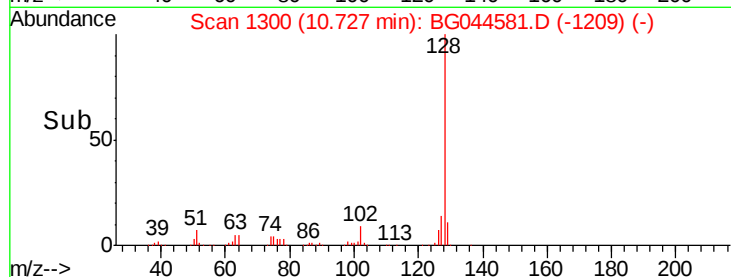
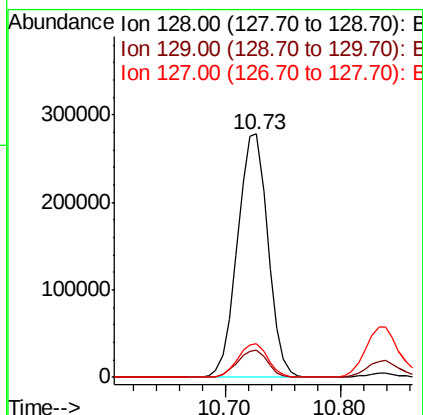
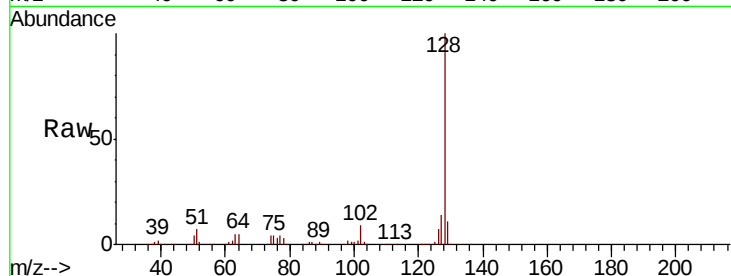




#31
Naphthalene
Concen: 37.410 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

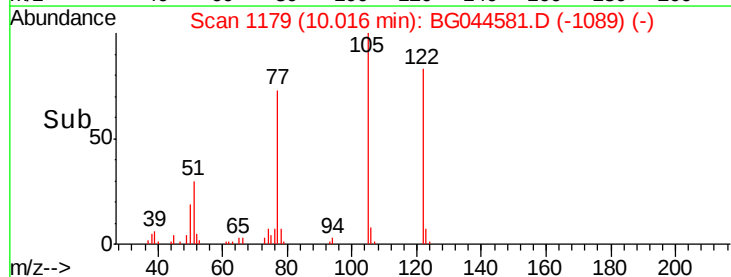
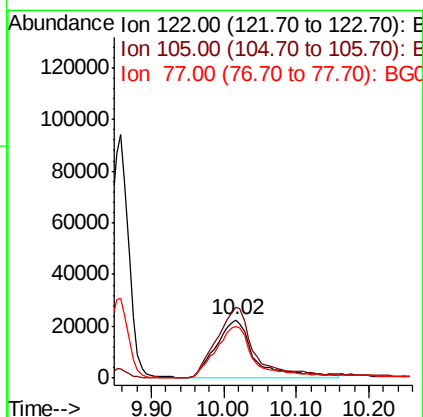
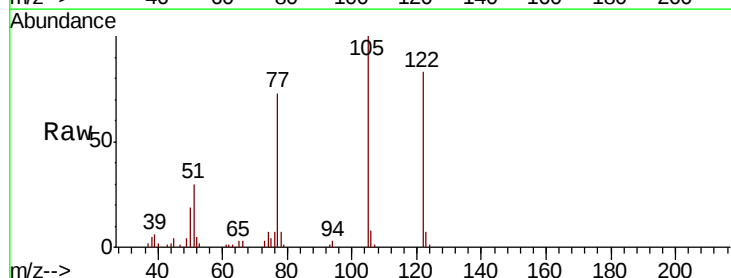
Instrument :
BNA_G
ClientSampleId :

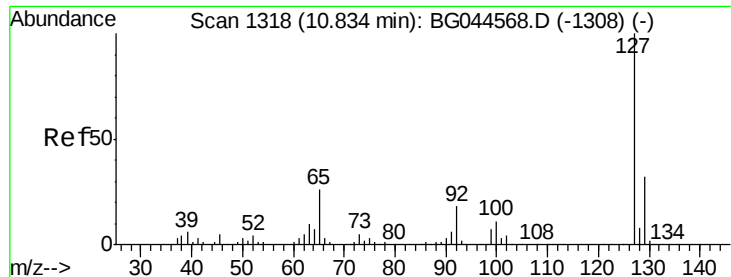
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	11.0	16.4



#32
Benzoic acid
Concen: 54.826 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	101.4	141.4
77	88.5	69.8	109.8

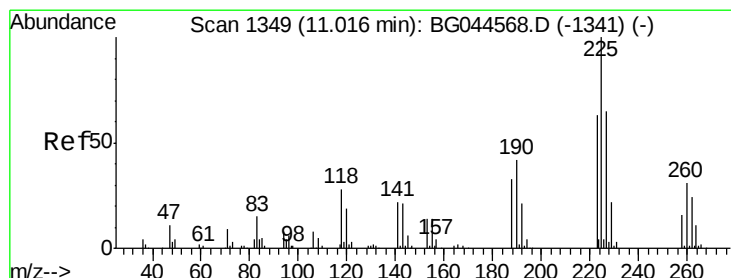
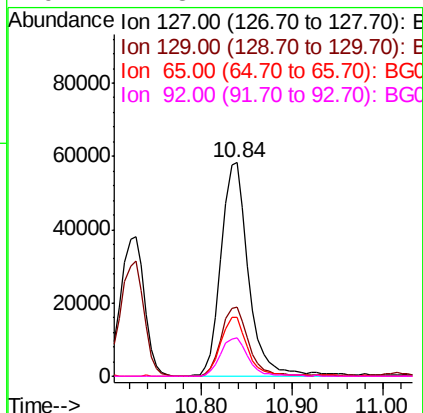
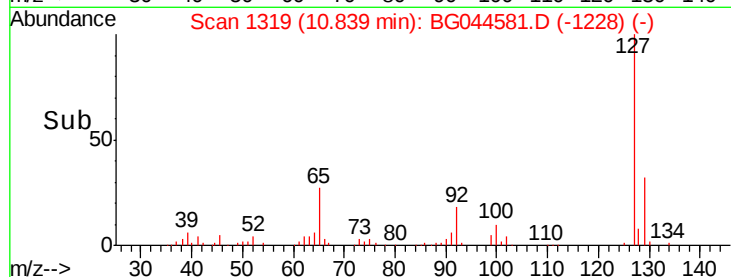
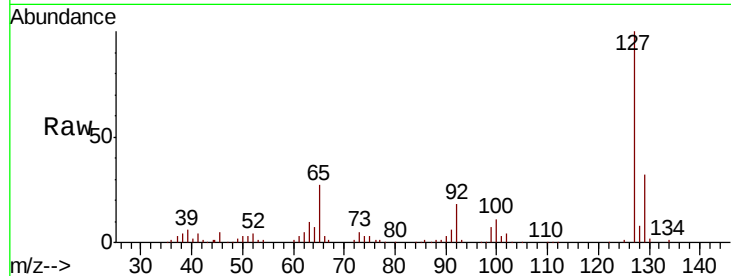




#33
4-Chloroaniline
Concen: 20.551 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

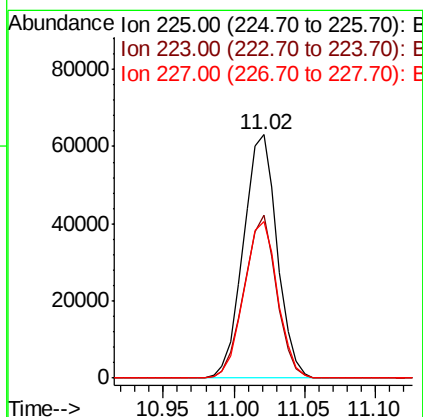
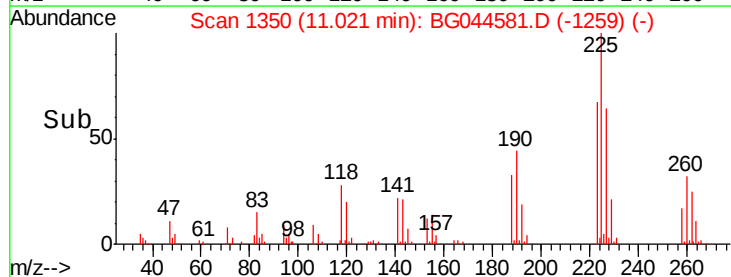
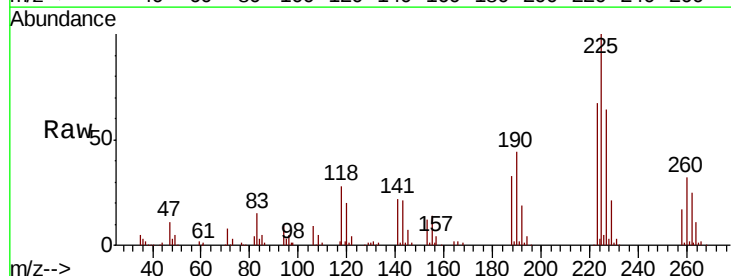
Instrument :
BNA_G
ClientSampleId :

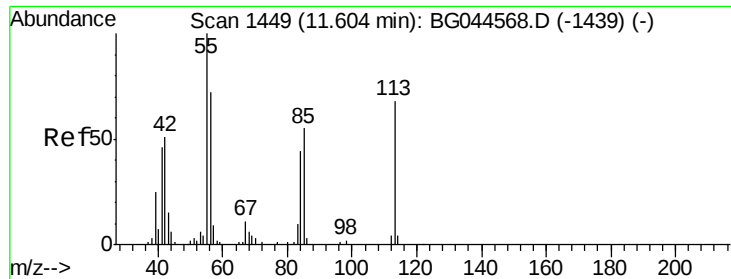
Tot Ion:	127	Resp:	123172
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.5	20.7	31.1
92	17.8	14.2	21.2



#34
Hexachlorobutadiene
Concen: 34.077 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:	225	Resp:	105663
Ion	Ratio	Lower	Upper
225	100		
223	66.9	50.6	76.0
227	64.2	52.1	78.1





#35

Caprolactam

Concen: 19.042 ng

RT: 11.60 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

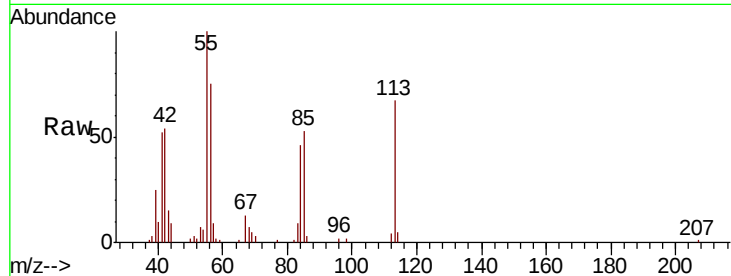
Tot Ion:113 Resp: 29103

Ion Ratio Lower Upper

113 100

55 148.9 127.8 167.8

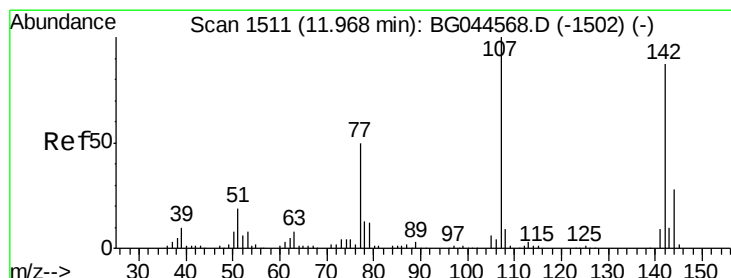
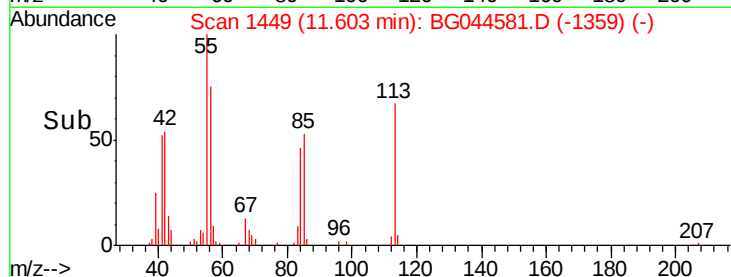
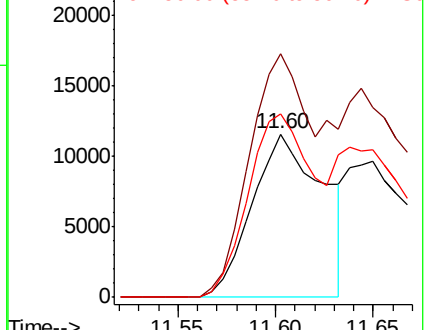
56 112.2 86.9 126.9



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: 39.565 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

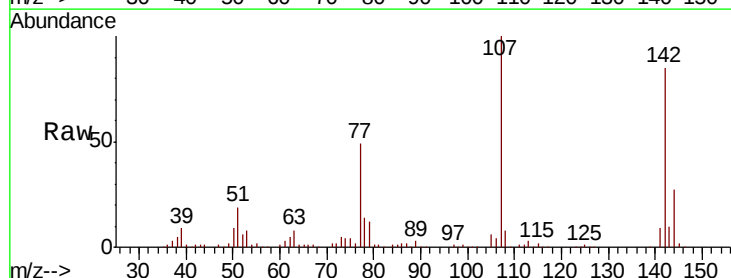
Tgt Ion:107 Resp: 173875

Ion Ratio Lower Upper

107 100

144 27.3 22.3 33.5

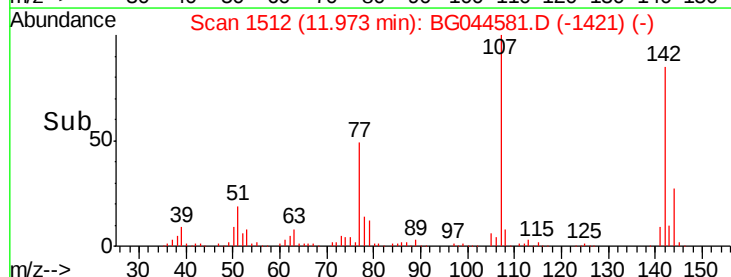
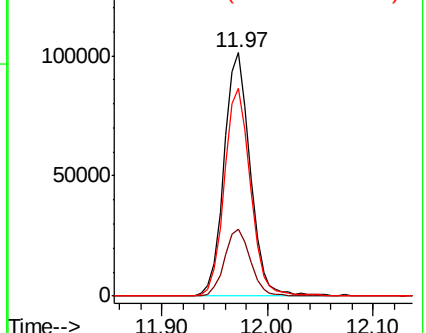
142 85.2 69.3 103.9

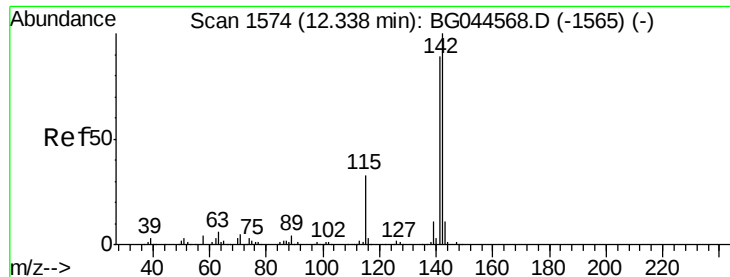


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

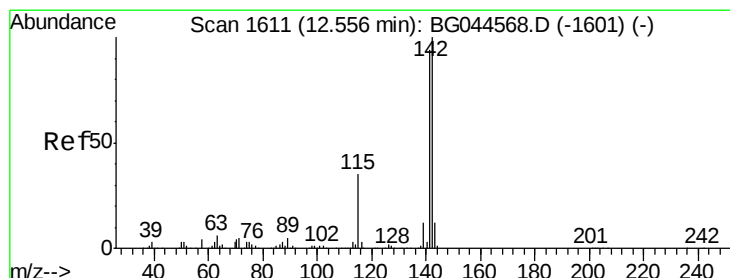
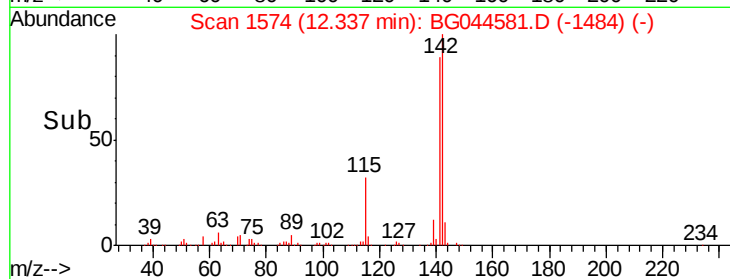
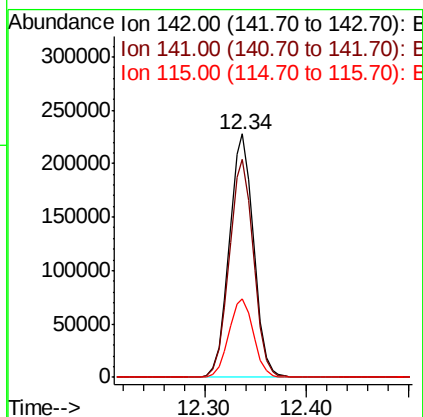
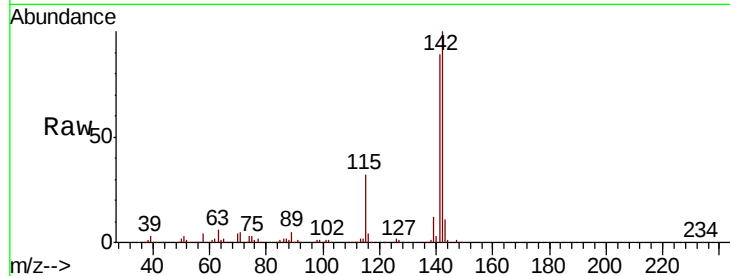




#37
 2-Methylnaphthalene
 Concen: 37.565 ng
 RT: 12.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

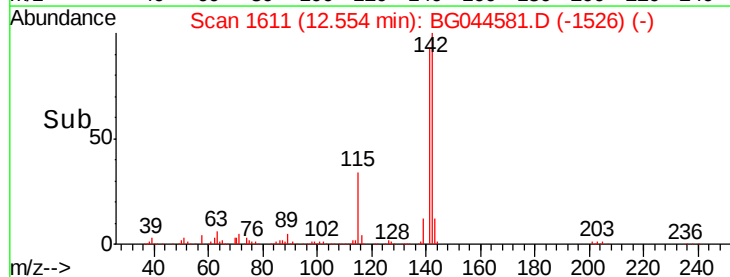
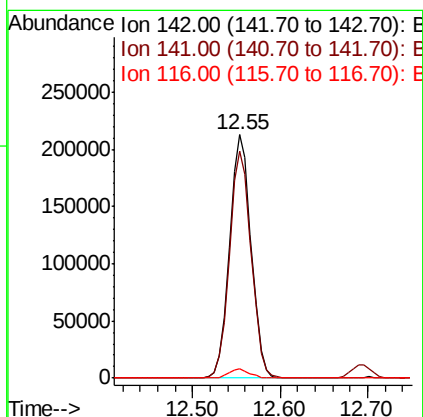
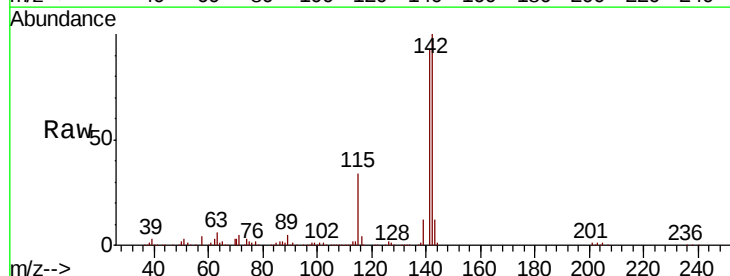
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.1	26.2	39.2



#38
 1-Methylnaphthalene
 Concen: 37.162 ng
 RT: 12.55 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.1	112.7
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

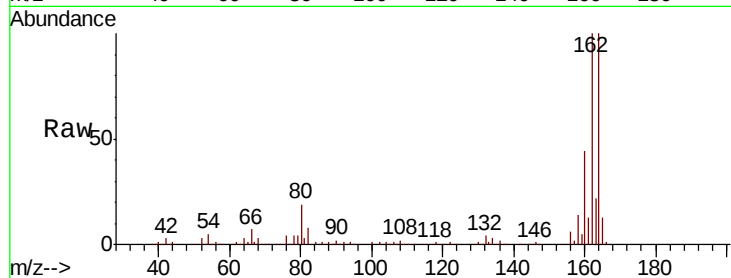
Tot Ion:164 Resp: 162924

Ion Ratio Lower Upper

164 100

162 99.8 83.6 125.4

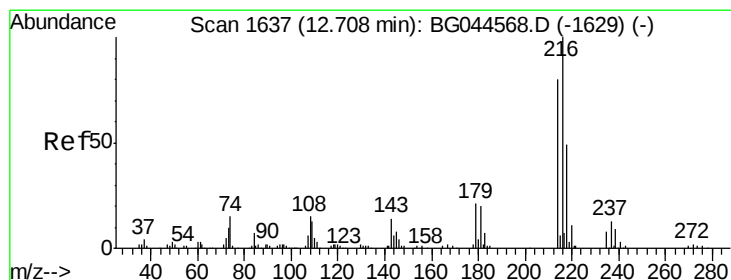
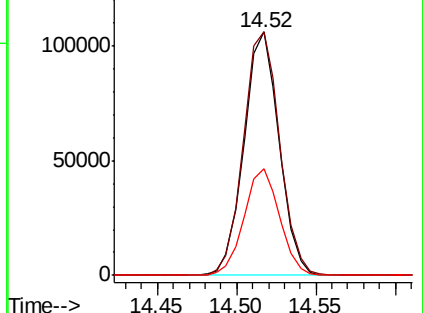
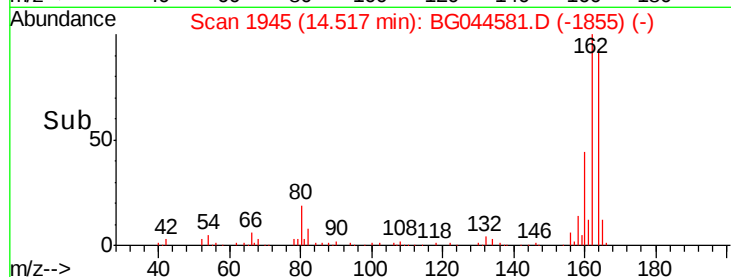
160 43.9 36.2 54.4



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: 34.816 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:216 Resp: 190963

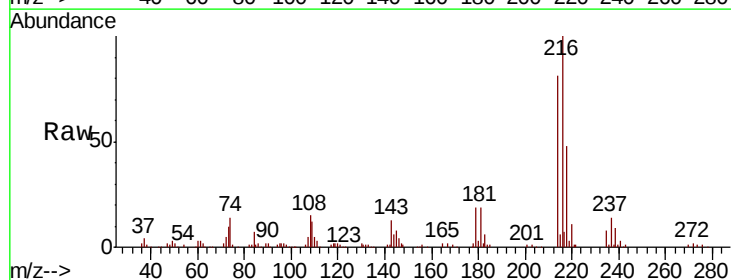
Ion Ratio Lower Upper

216 100

214 79.7 63.3 94.9

179 20.1 16.2 24.2

108 17.6 12.6 18.8

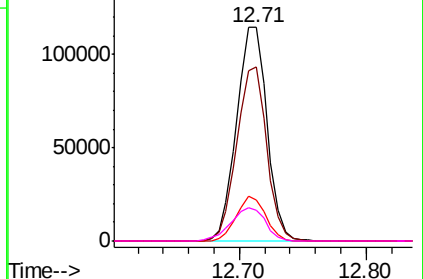
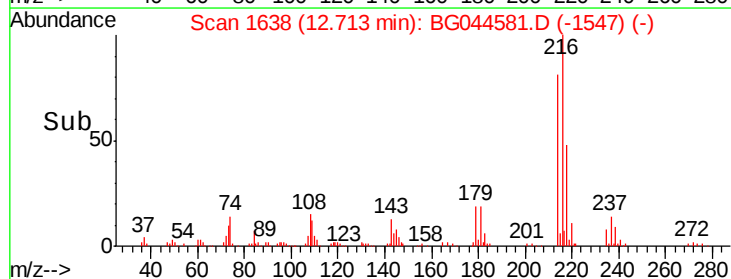


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.731 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

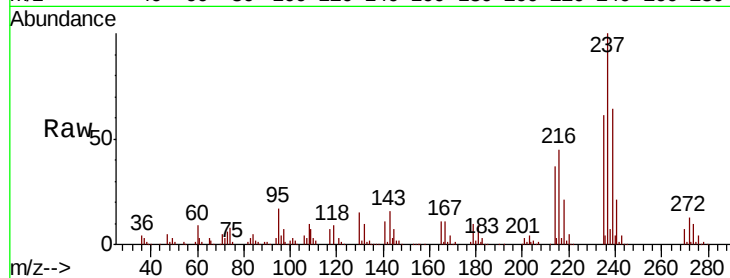
Tot Ion:237 Resp: 167345

Ion Ratio Lower Upper

237 100

235 61.3 40.7 80.7

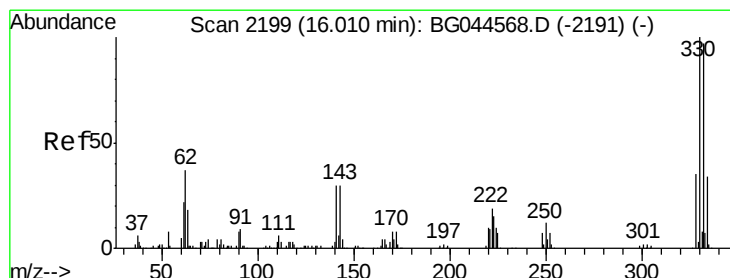
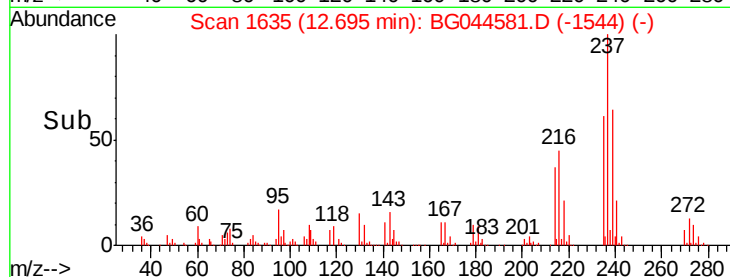
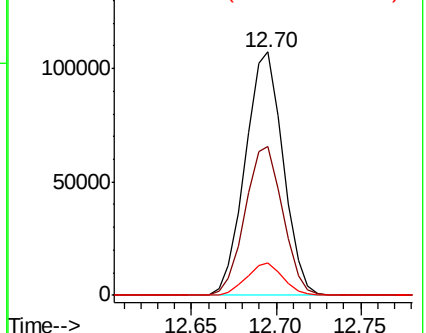
272 13.3 0.0 32.7



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: 106.014 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

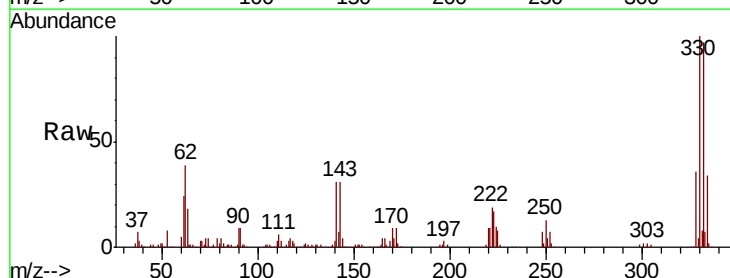
Tgt Ion:330 Resp: 244907

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

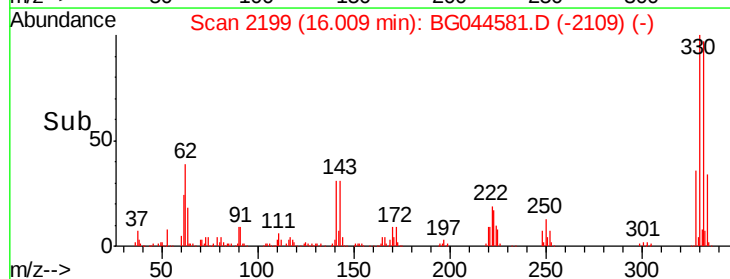
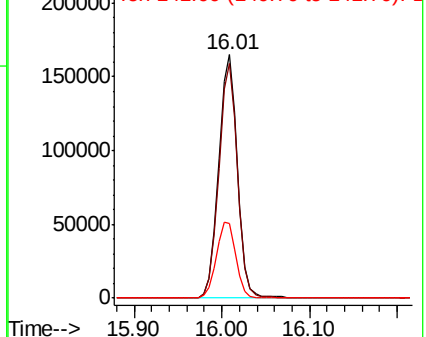
141 32.7 26.1 39.1

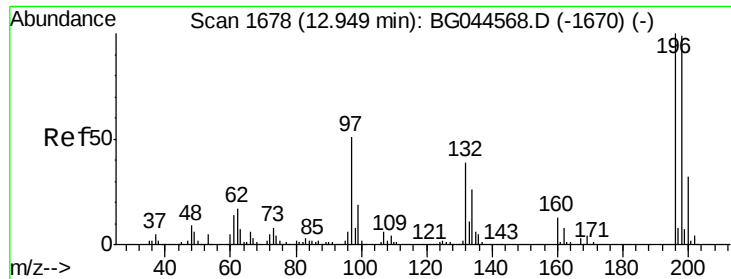


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

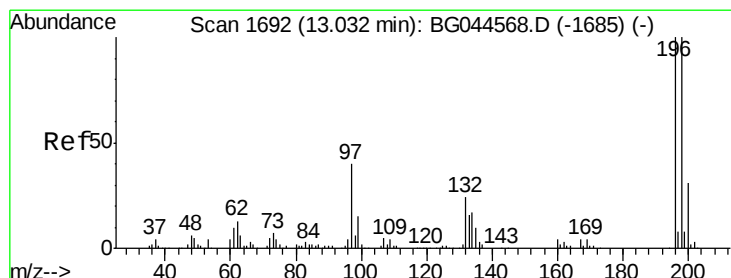
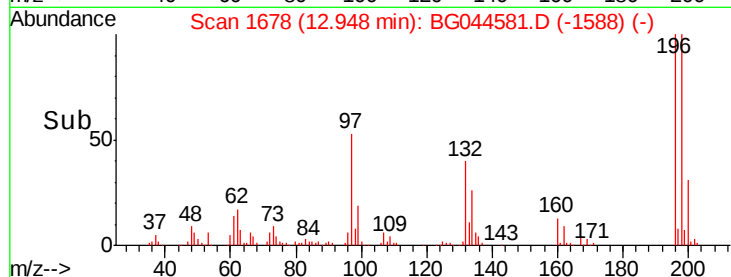
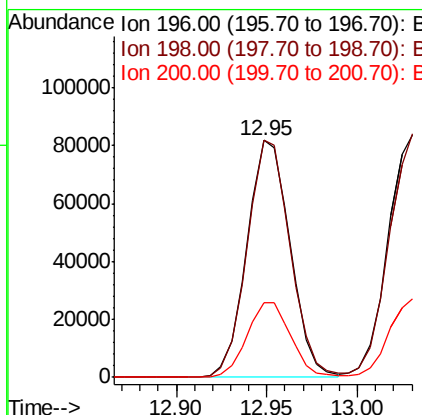
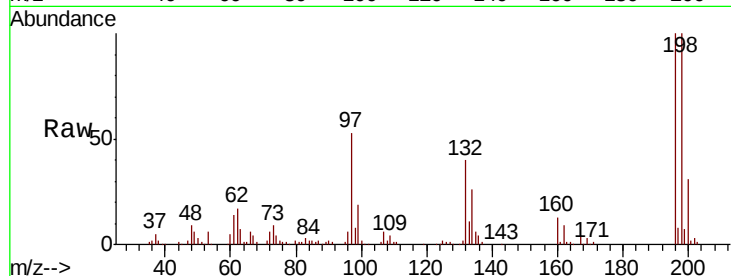




#43
 2,4,6-Trichlorophenol
 Concen: 38.008 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

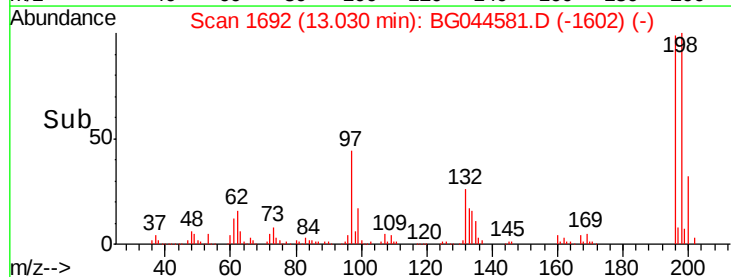
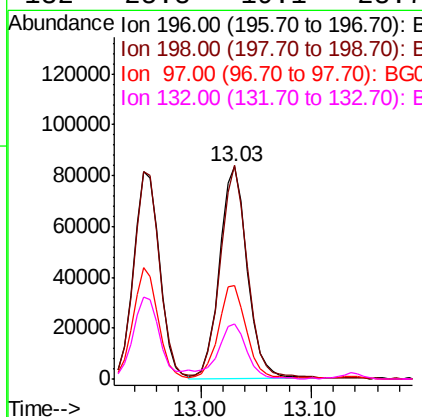
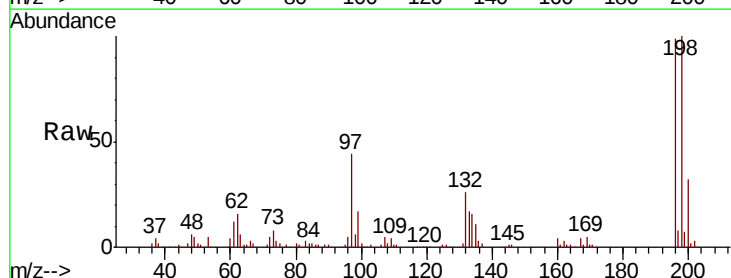
Instrument :
 BNA_G
 ClientSampled :

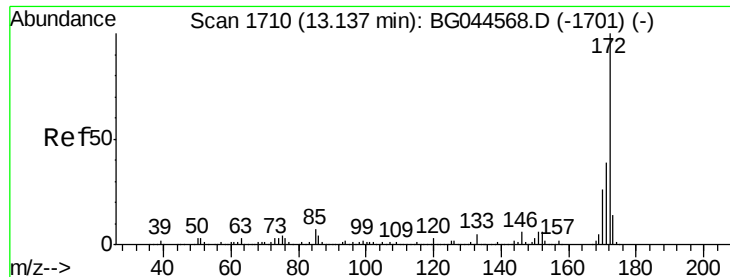
Tot Ion:196 Resp: 135360
 Ion Ratio Lower Upper
 196 100
 198 100.0 79.2 118.8
 200 31.5 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.052 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion:196 Resp: 146527
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.3 118.9
 97 44.0 32.3 48.5
 132 25.8 19.1 28.7

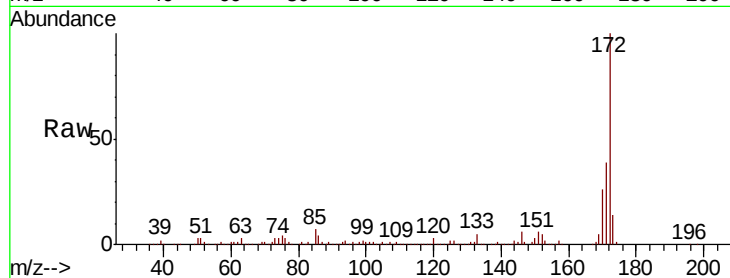




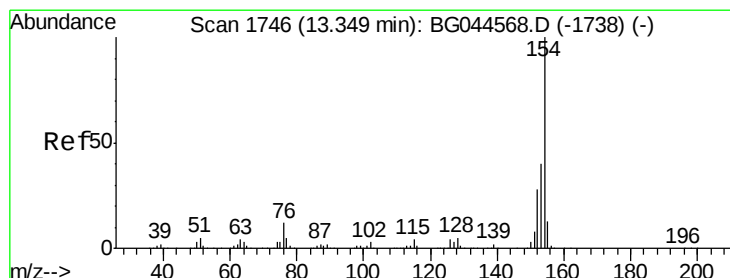
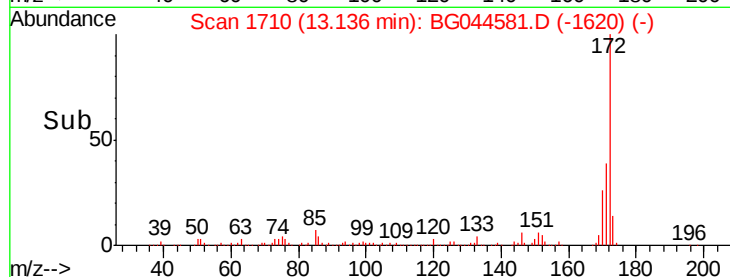
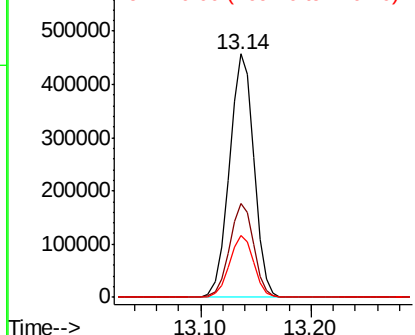
#45
 2-Fluorobiphenyl
 Concen: 62.499 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 711081
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 25.6 21.0 31.4

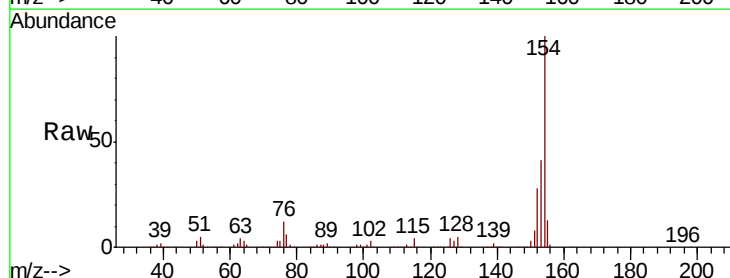


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

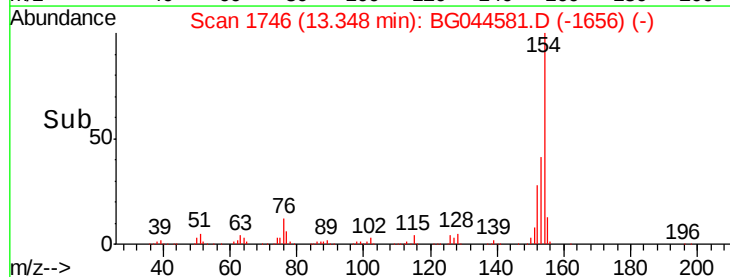
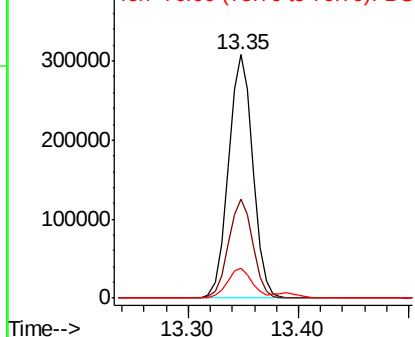


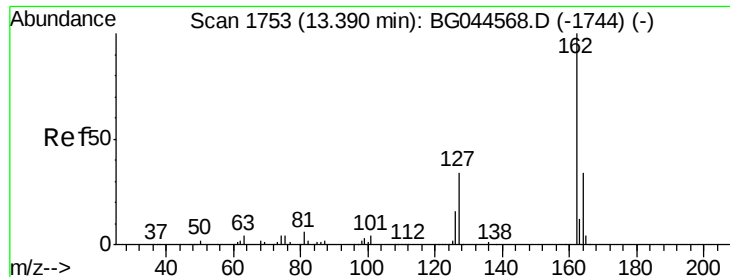
#46
 1,1'-Biphenyl
 Concen: 35.188 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion:154 Resp: 474426
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.2 60.2
 76 12.2 0.0 31.8



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

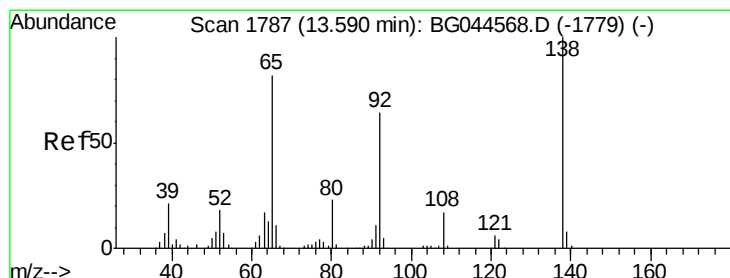
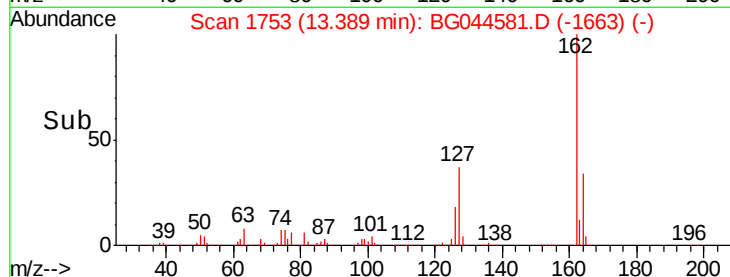
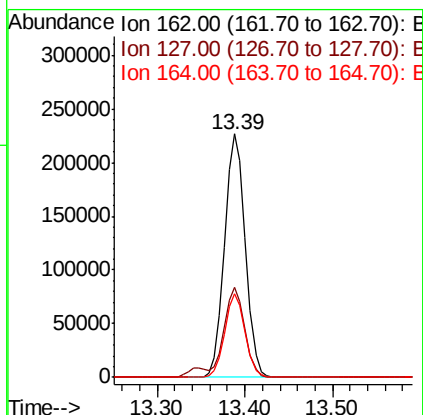
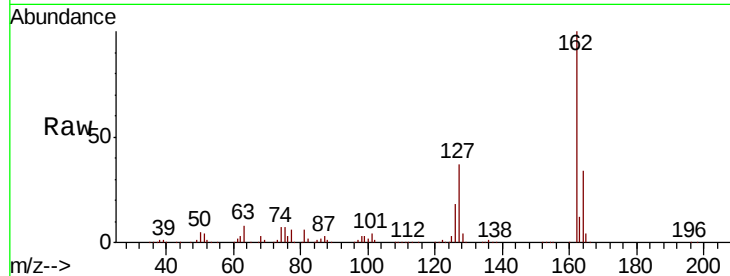




#47
 2-Chloronaphthalene
 Concen: 34.951 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

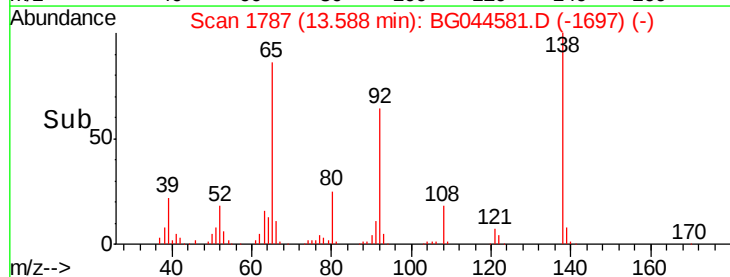
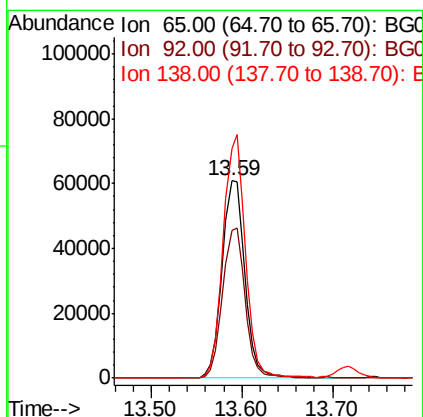
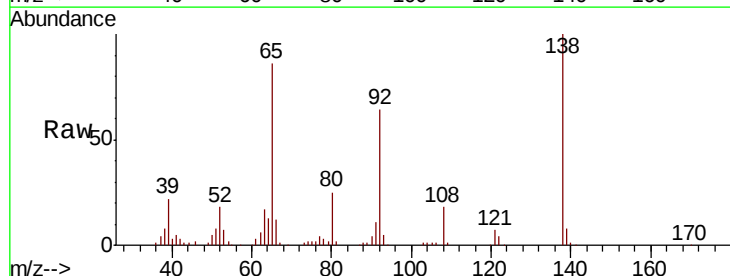
Instrument :
 BNA_G
 ClientSampleId :

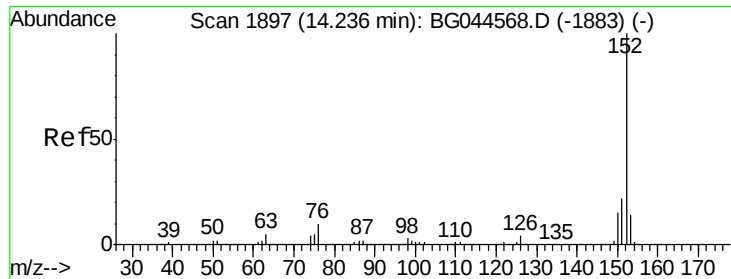
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	28.7	43.1
164	34.1	27.3	40.9



#48
 2-Nitroaniline
 Concen: 36.424 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	62.2	93.2
138	116.1	97.6	146.4





#49

Acenaphthylene

Concen: 37.329 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

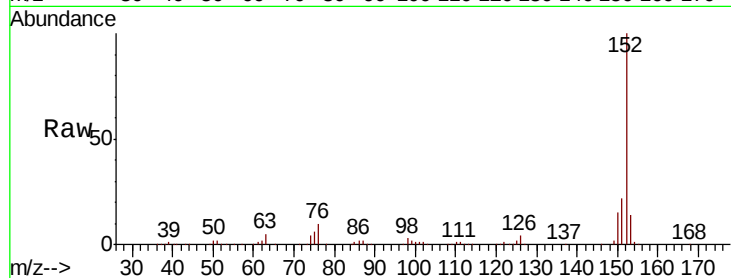
Tot Ion:152 Resp: 582567

Ion Ratio Lower Upper

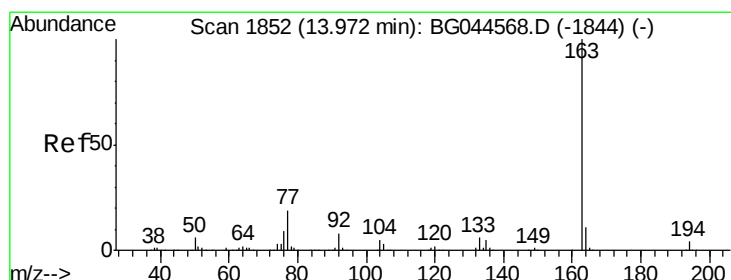
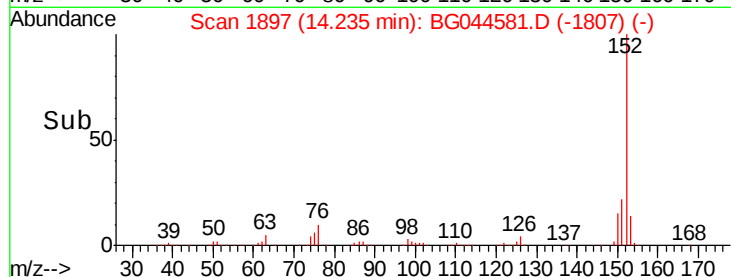
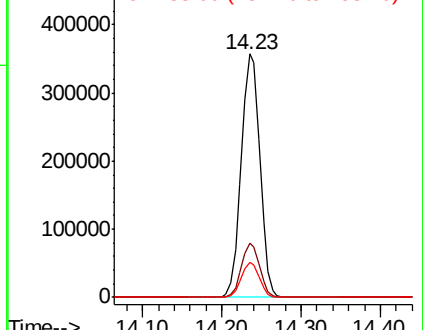
152 100

151 22.4 17.7 26.5

153 14.4 11.3 16.9



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: 36.691 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

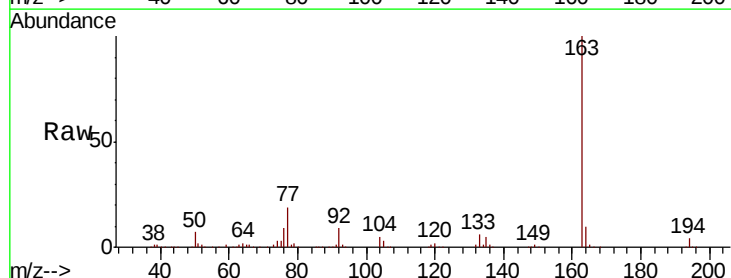
Tgt Ion:163 Resp: 482491

Ion Ratio Lower Upper

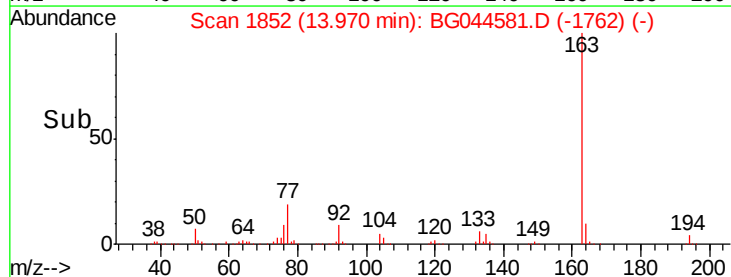
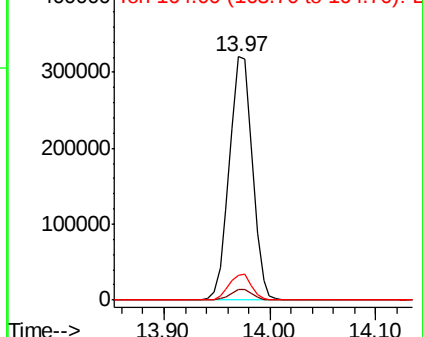
163 100

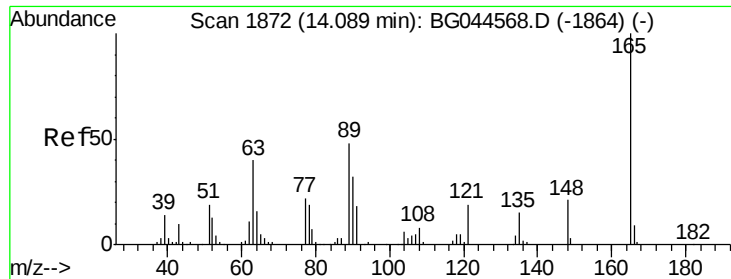
194 4.4 3.4 5.0

164 10.4 8.7 13.1



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: 37.054 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

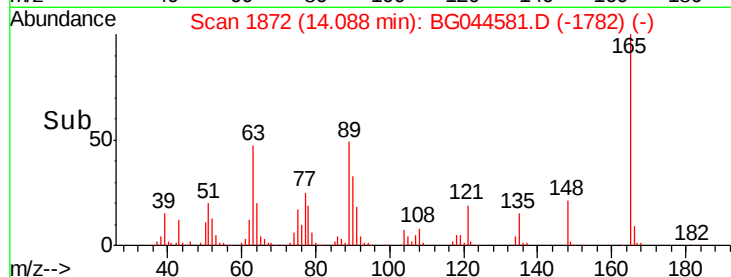
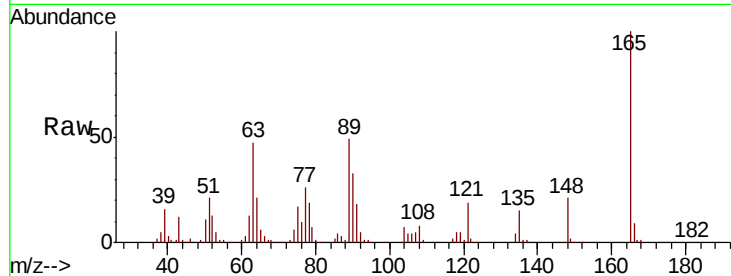
Tot Ion:165 Resp: 107463

Ion Ratio Lower Upper

165 100

63 47.4 35.8 53.6

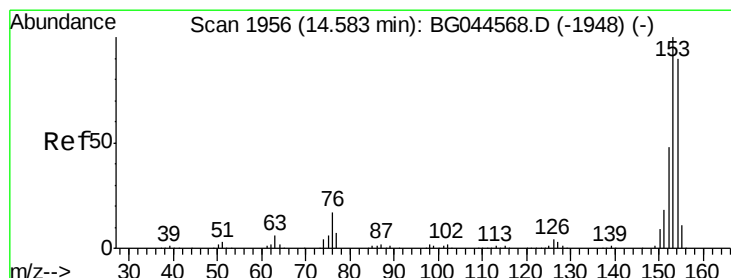
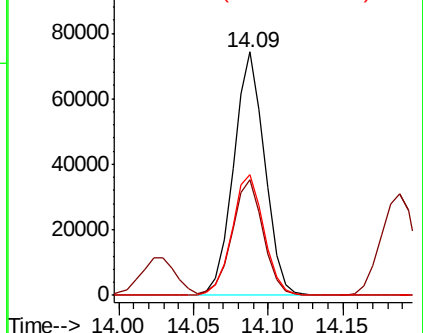
89 49.5 38.7 58.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.983 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

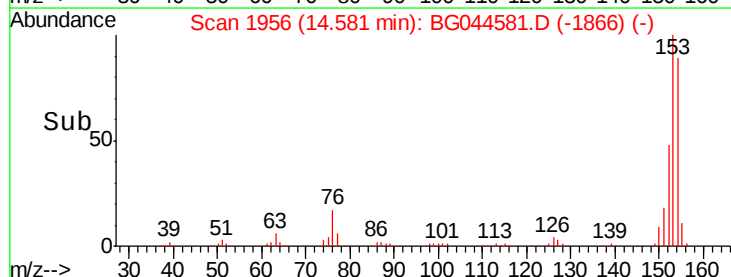
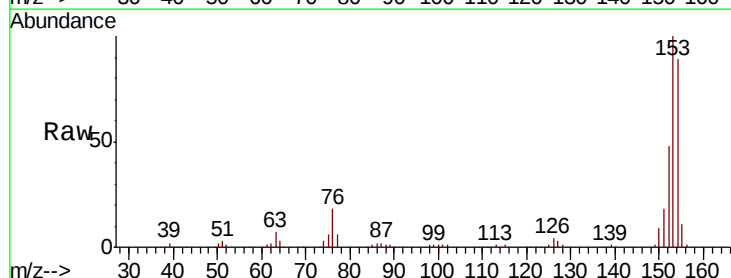
Tgt Ion:154 Resp: 357967

Ion Ratio Lower Upper

154 100

153 112.2 89.4 134.0

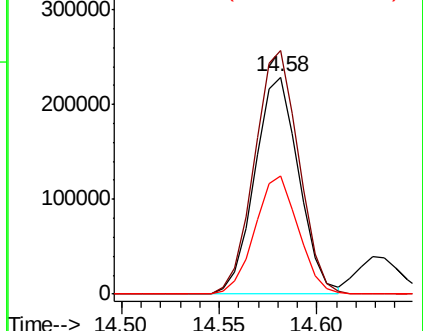
152 54.3 43.0 64.4

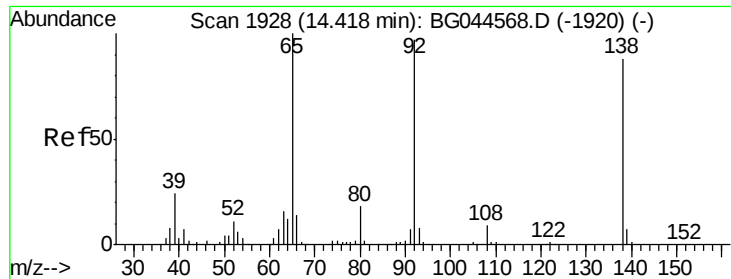


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

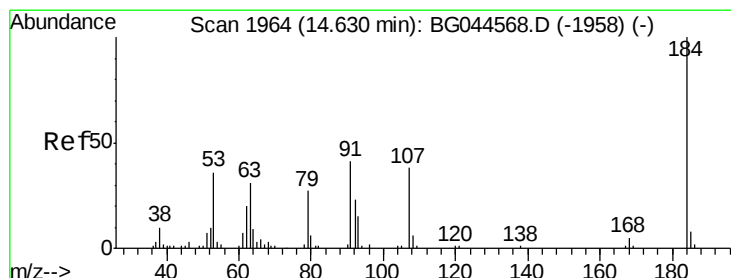
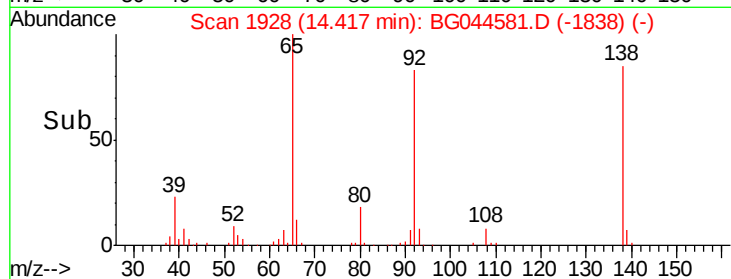
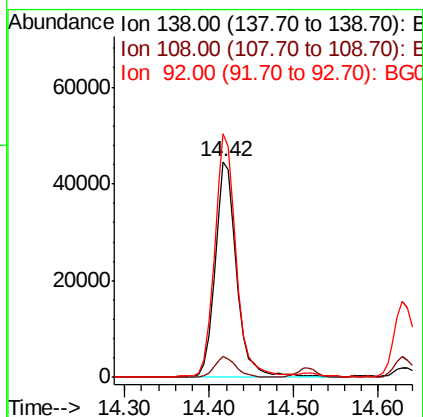
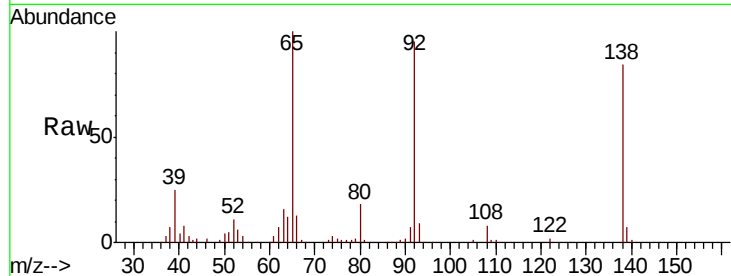




#53
3-Nitroaniline
Concen: 25.574 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

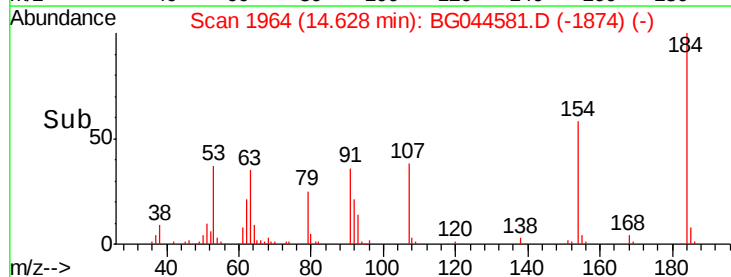
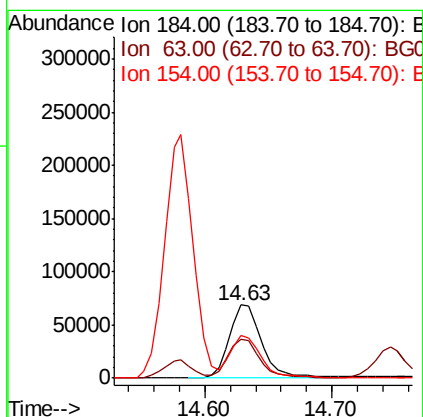
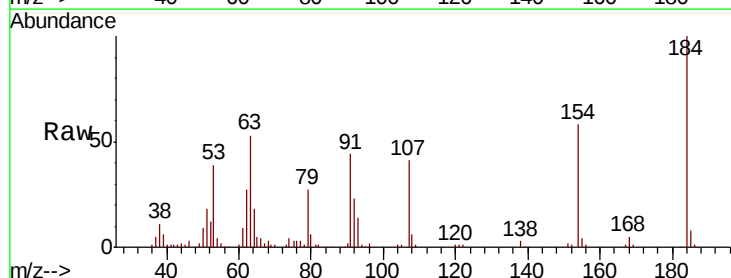
Instrument :
BNA_G
ClientSampleId :

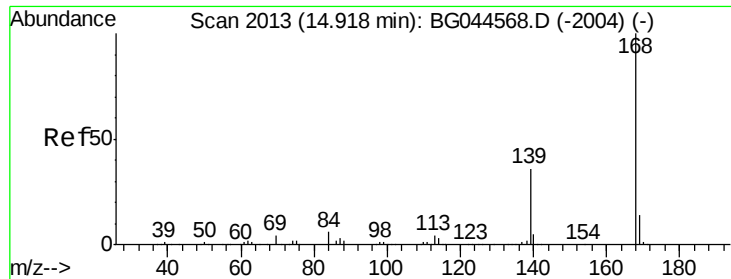
Tot Ion:138 Resp: 79992
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 112.9 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 71.306 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:184 Resp: 121219
Ion Ratio Lower Upper
184 100
63 53.2 42.1 63.1
154 57.9 43.4 65.2

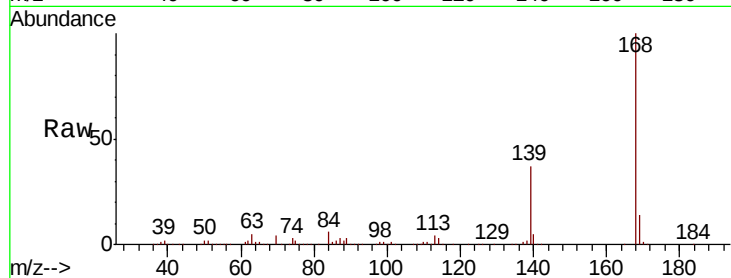




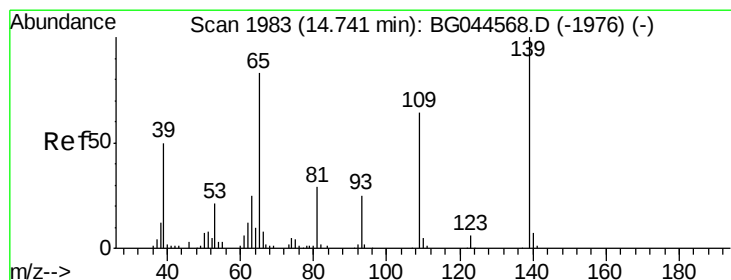
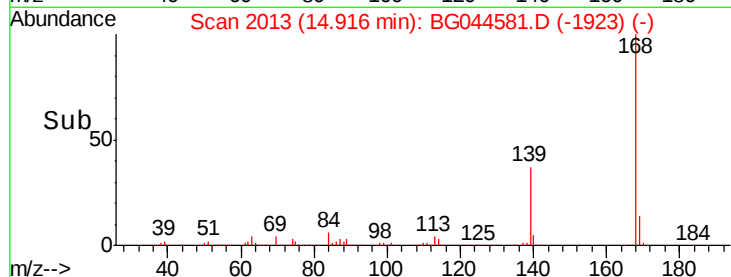
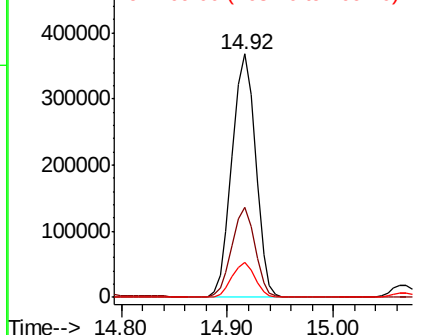
#55
Dibenzofuran
Concen: 37.414 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 570607
Ion Ratio Lower Upper
168 100
139 36.8 29.2 43.8
169 14.3 11.0 16.6

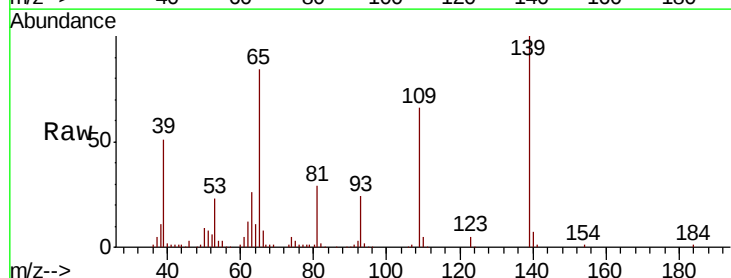


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

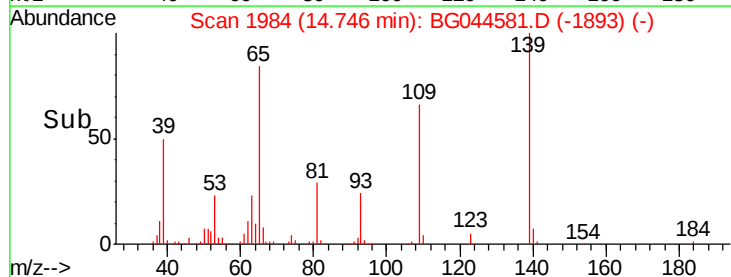
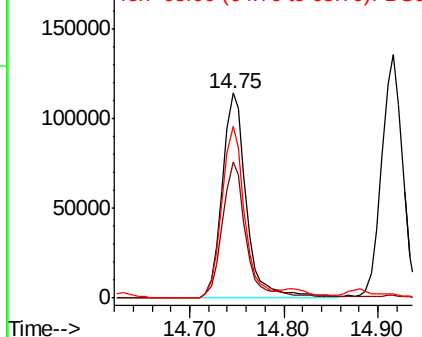


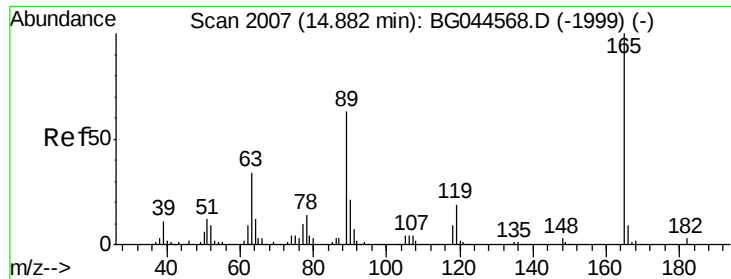
#56
4-Nitrophenol
Concen: 95.657 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:139 Resp: 205809
Ion Ratio Lower Upper
139 100
109 66.3 43.8 83.8
65 83.9 63.6 103.6



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

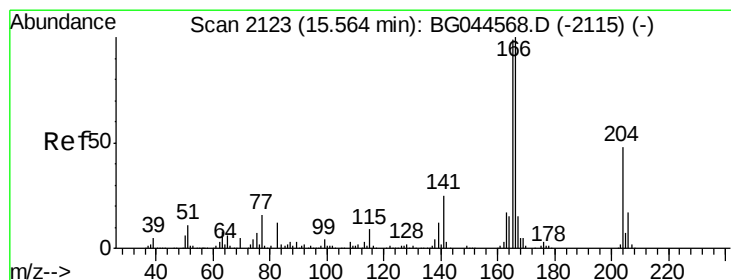
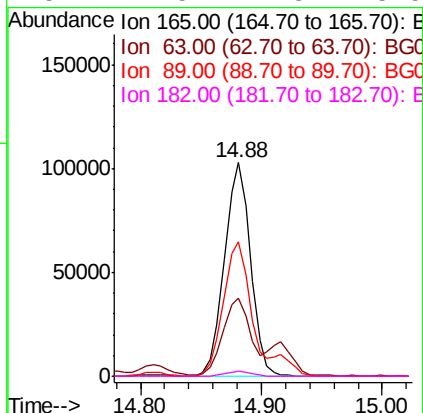
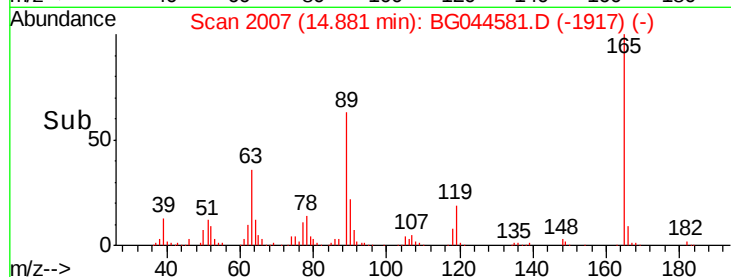
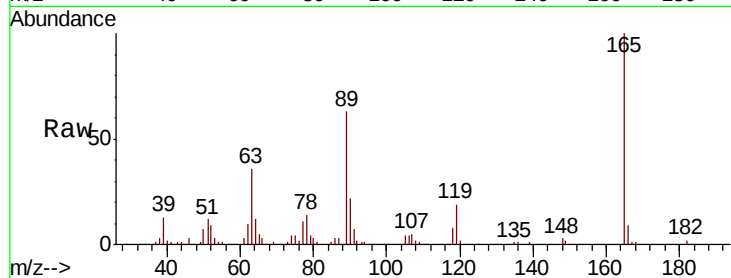




#57
2,4-Dinitrotoluene
Concen: 37.723 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

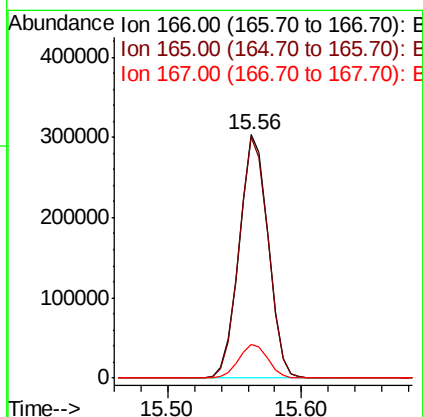
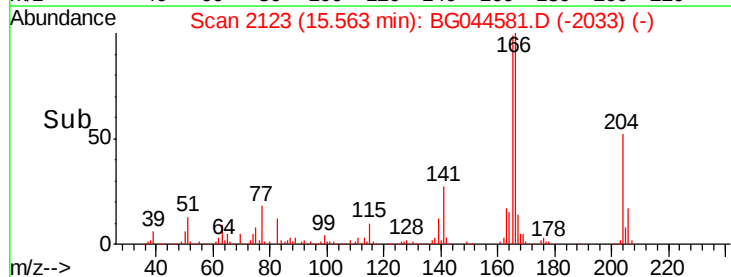
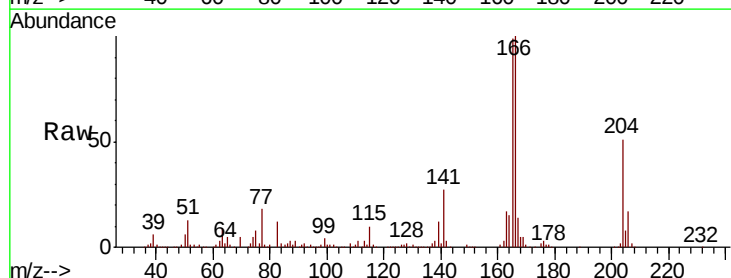
Instrument :
BNA_G
ClientSampleId :

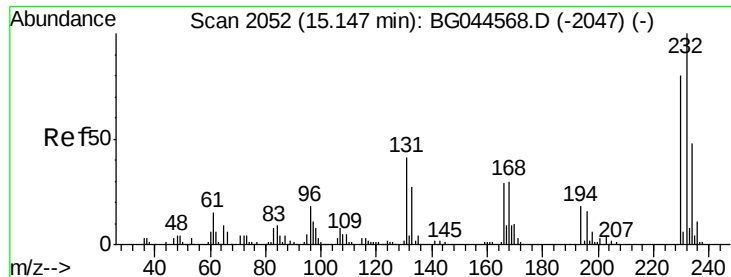
Tot Ion:	165	Resp:	153813
Ion	Ratio	Lower	Upper
165	100		
63	36.3	27.5	41.3
89	62.7	50.0	75.0
182	2.5	2.3	3.5



#58
Fluorene
Concen: 37.436 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:	166	Resp:	452694
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.2	118.8
167	13.8	11.7	17.5

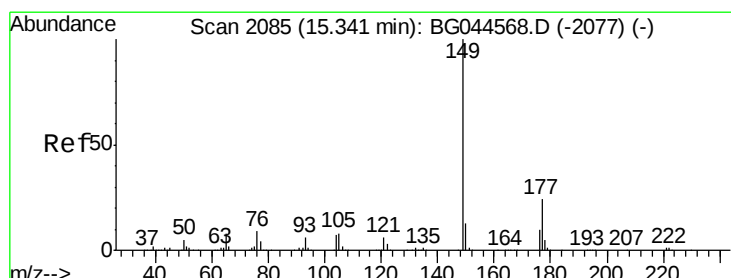
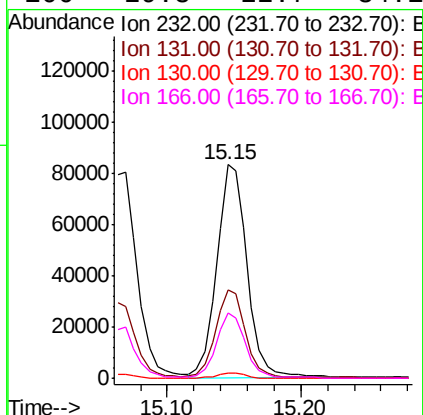
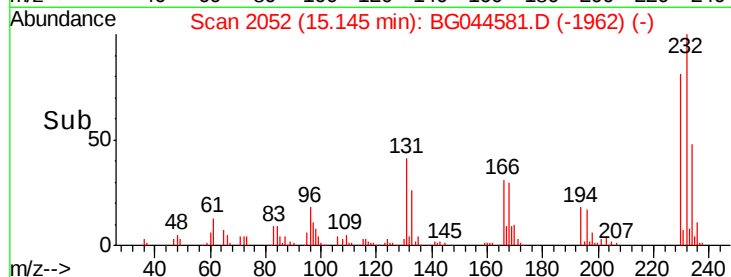
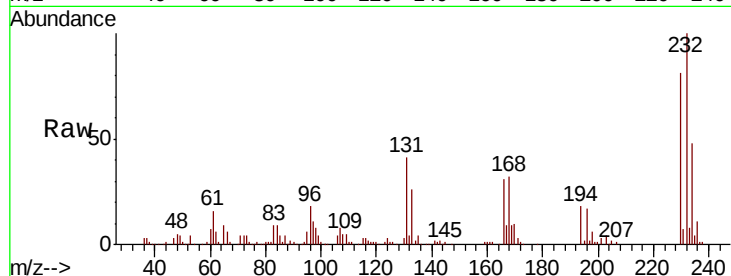




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.979 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

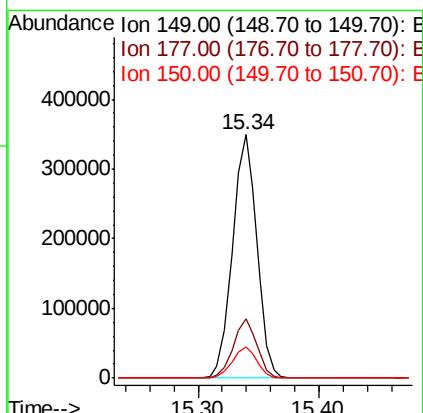
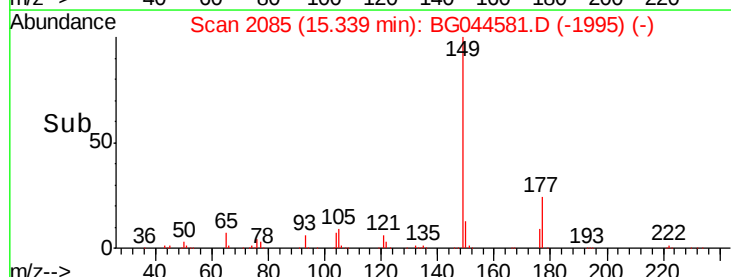
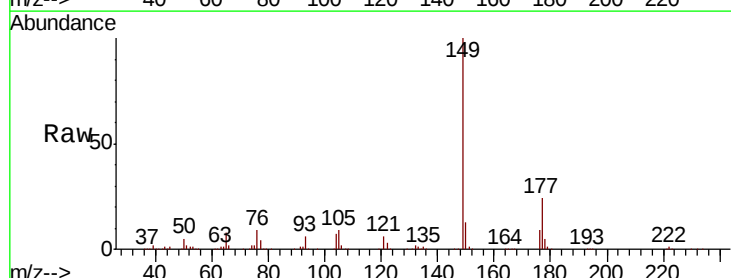
Instrument :
 BNA_G
 ClientSampleId :

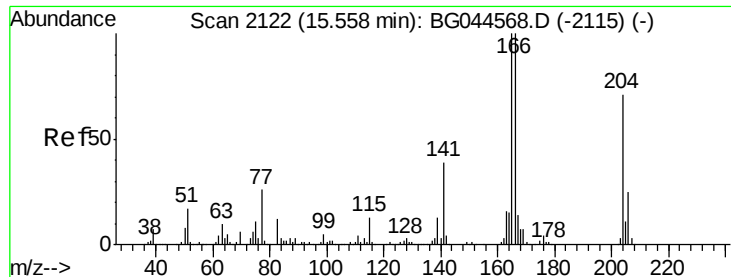
Tot Ion:	232	Resp:	131317
Ion	Ratio	Lower	Upper
232	100		
131	40.5	31.8	47.6
130	2.4	1.8	2.6
166	29.8	22.7	34.1



#60
 Diethylphthalate
 Concen: 37.509 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion:	149	Resp:	488720
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	12.7	10.2	15.4

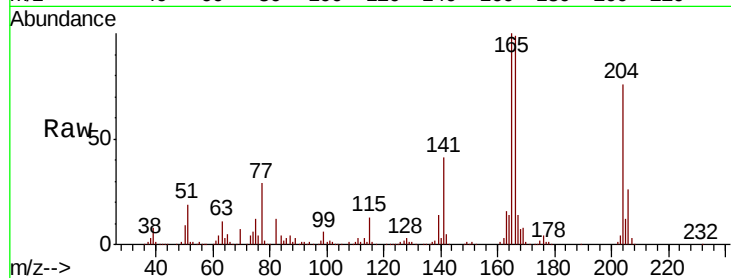




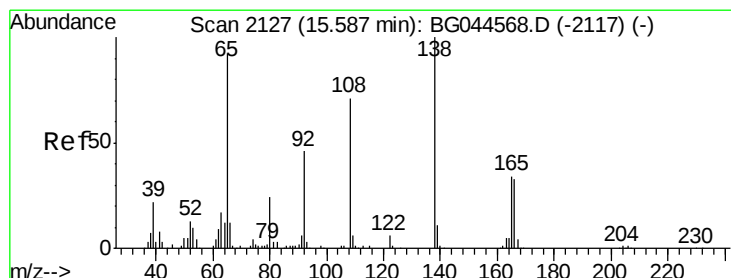
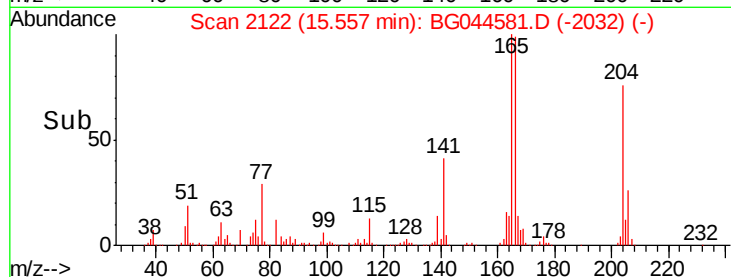
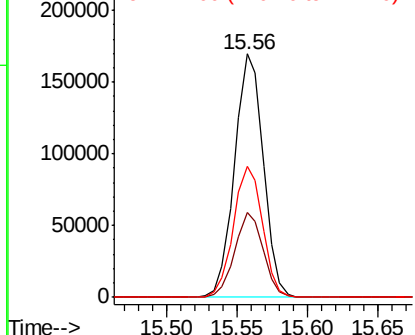
#61
4-Chlorophenyl-phenylether
Concen: 36.533 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 240206
Ion Ratio Lower Upper
204 100
206 34.7 27.8 41.8
141 53.7 43.8 65.8

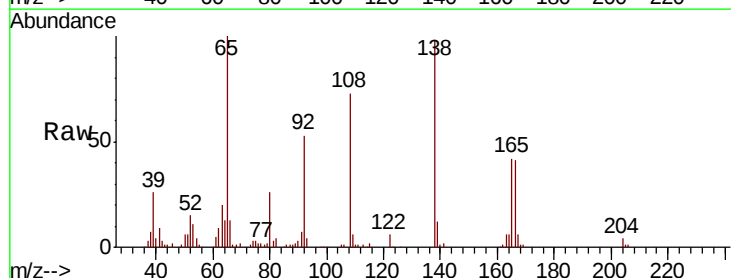


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

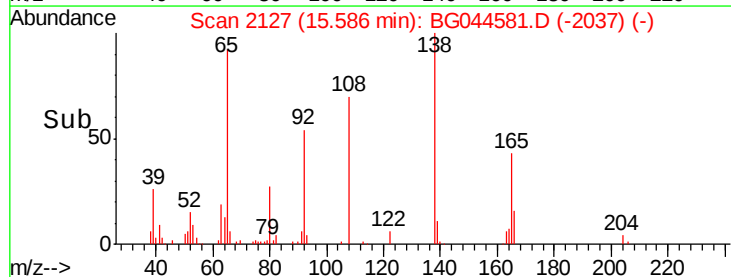
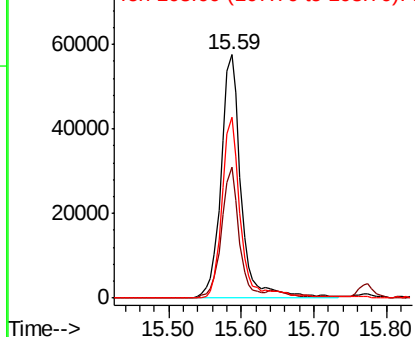


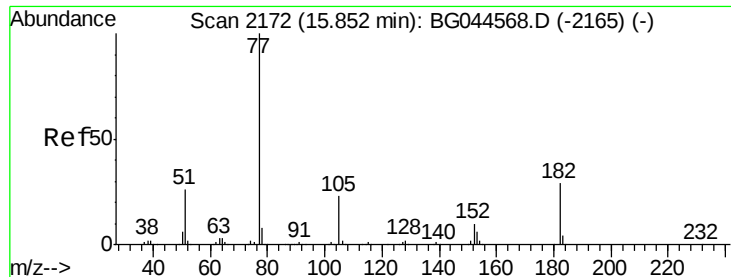
#62
4-Nitroaniline
Concen: 35.516 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:138 Resp: 111232
Ion Ratio Lower Upper
138 100
92 53.6 26.4 66.4
108 74.3 50.5 90.5



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

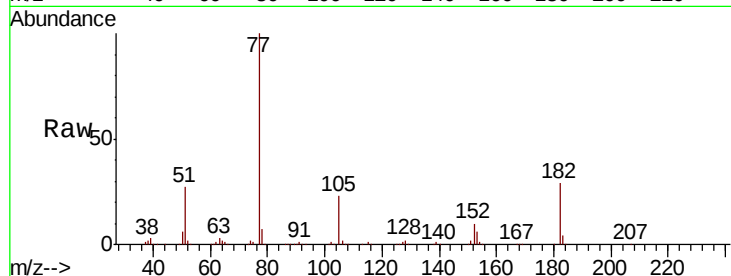




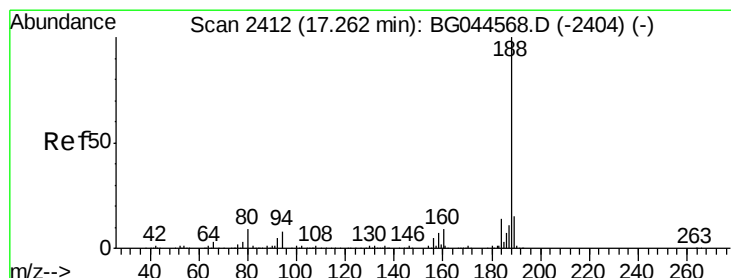
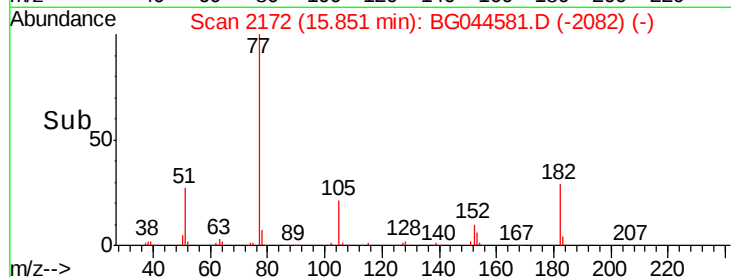
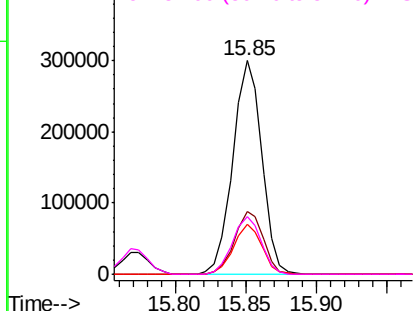
#63
Azobenzene
Concen: 38.466 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	426538
Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.4	49.4
105	23.4	3.4	43.4
51	26.8	6.4	46.4

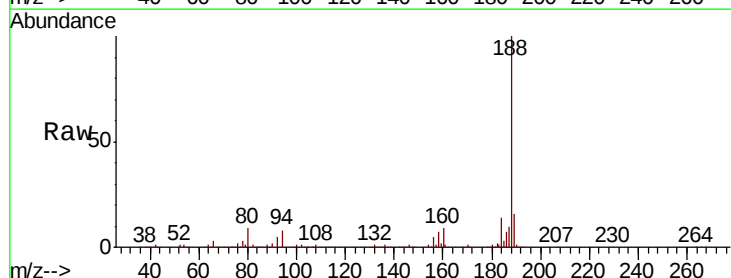


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

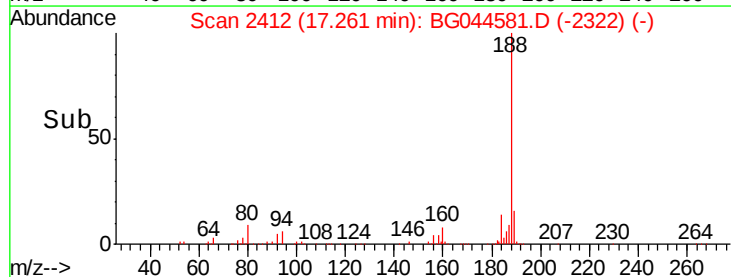
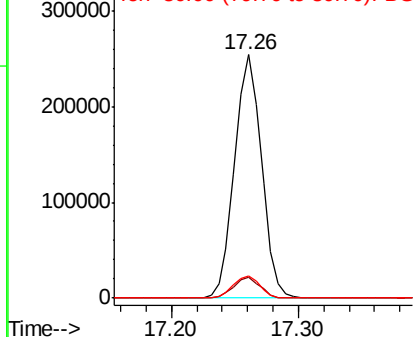


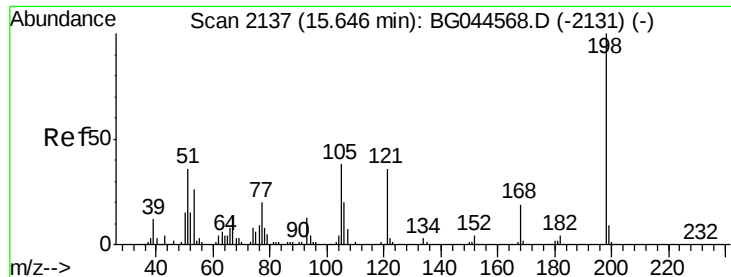
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:	188	Resp:	373125
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.2	7.6	11.4



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

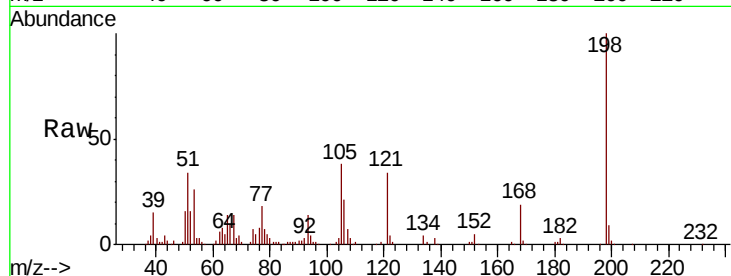




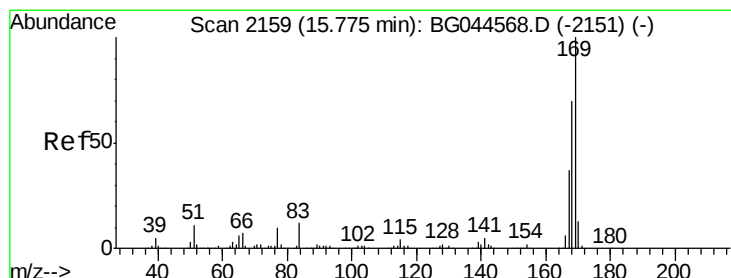
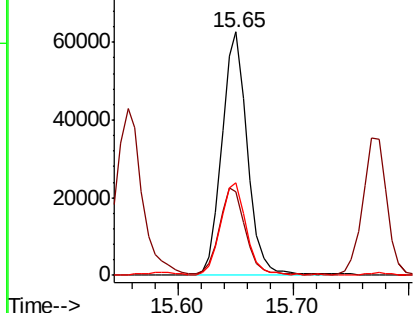
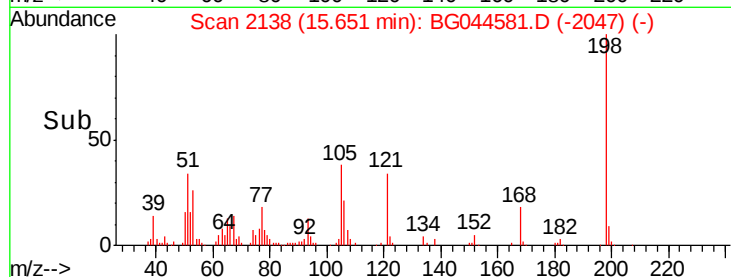
#65
4,6-Dinitro-2-methylphenol
Concen: 41.425 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.4	17.0	57.0
105	37.9	18.4	58.4

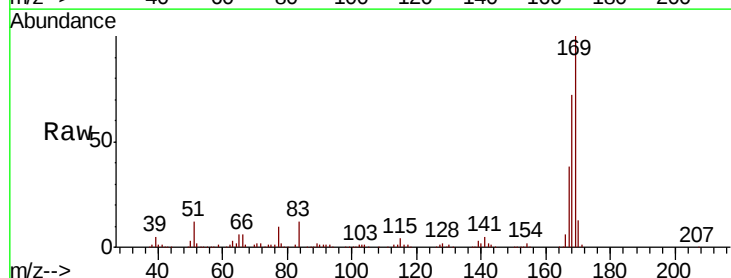


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

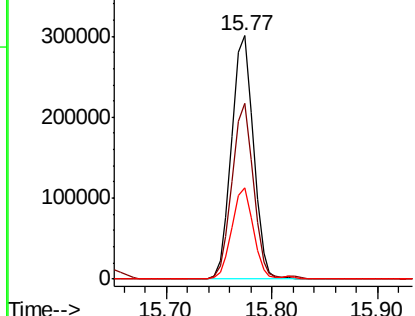
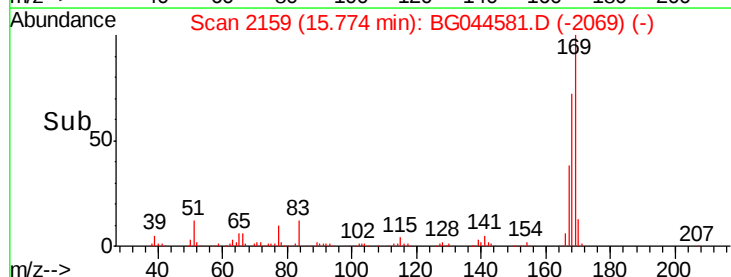


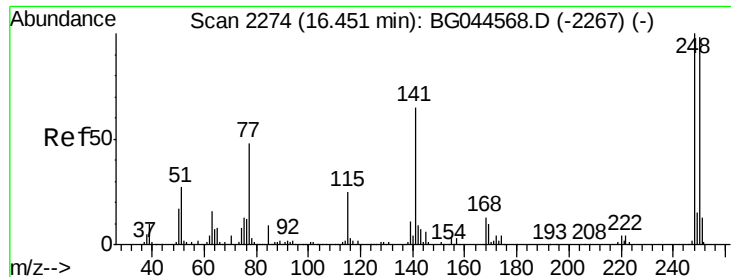
#66
n-Nitrosodiphenylamine
Concen: 36.779 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.0	56.1	84.1
167	37.5	29.4	44.0



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

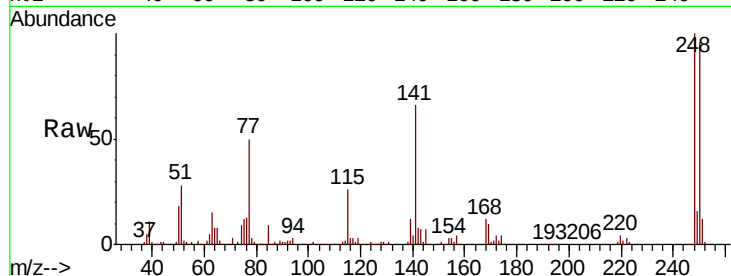




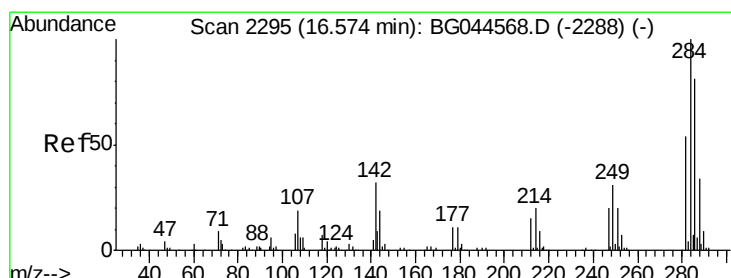
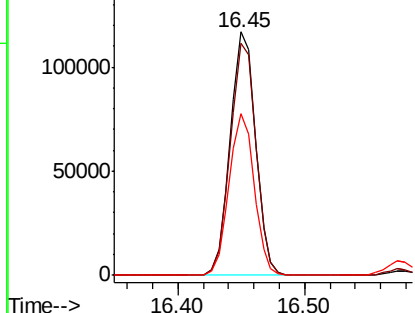
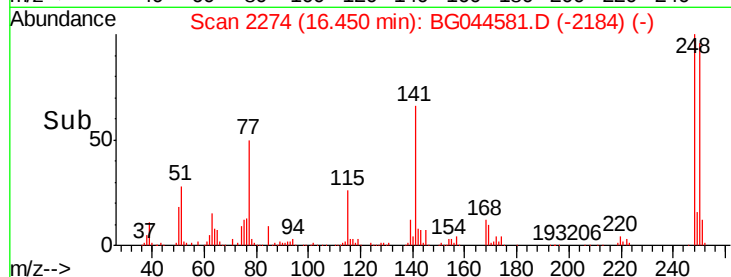
#67
4-Bromophenyl-phenylether
Concen: 34.716 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 160787
Ion Ratio Lower Upper
248 100
250 95.5 78.7 118.1
141 66.3 52.3 78.5

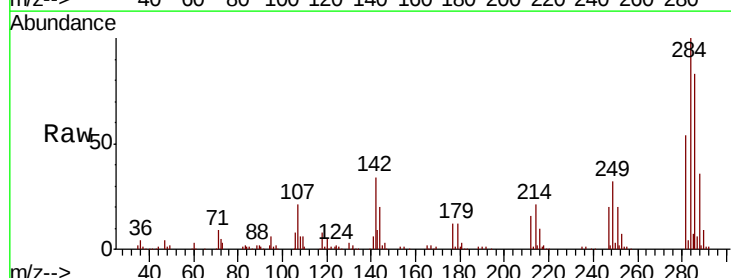


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

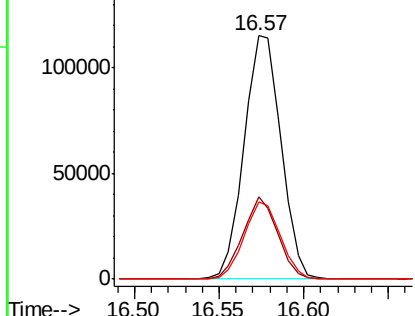
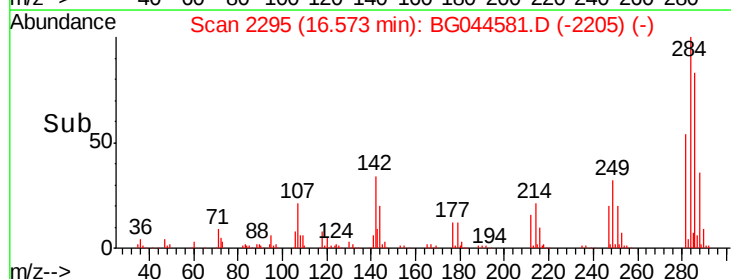


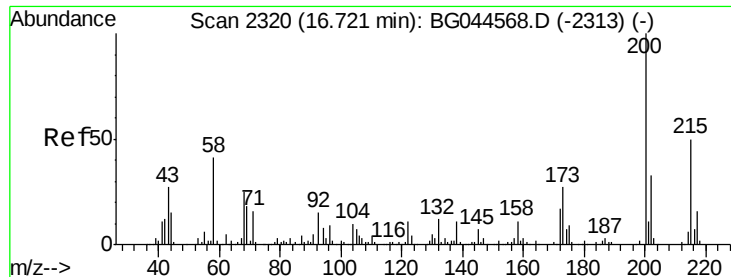
#68
Hexachlorobenzene
Concen: 33.492 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:284 Resp: 175378
Ion Ratio Lower Upper
284 100
142 34.0 25.6 38.4
249 31.8 24.6 36.8



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: 40.301 ng

RT: 16.73 min Scan# 2321

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

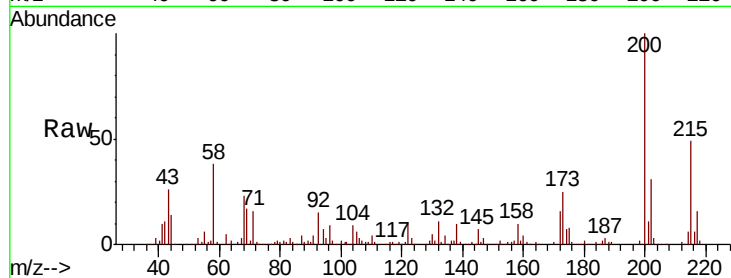
Tot Ion:200 Resp: 173406

Ion Ratio Lower Upper

200 100

173 24.7 6.6 46.6

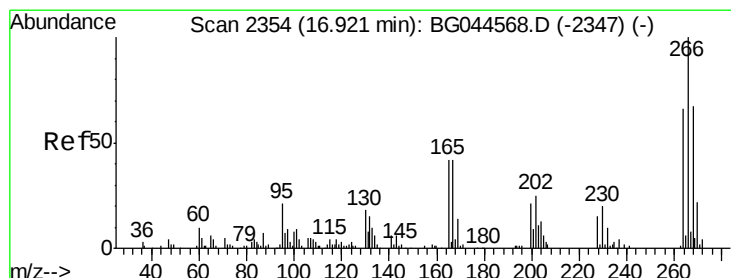
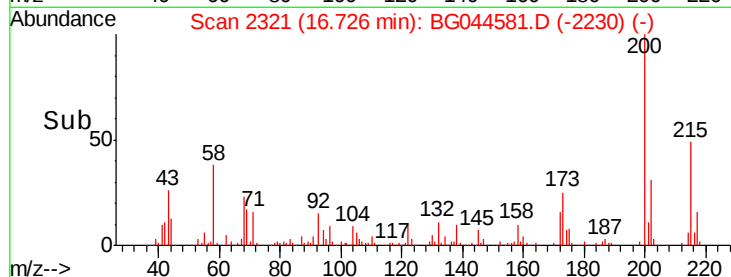
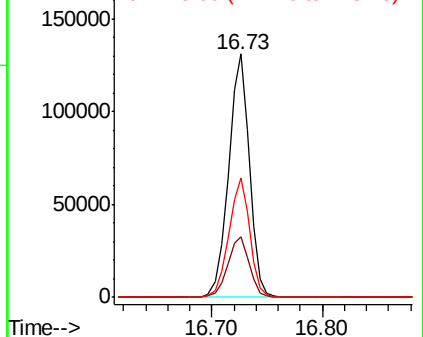
215 49.3 30.3 70.3



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: 78.358 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

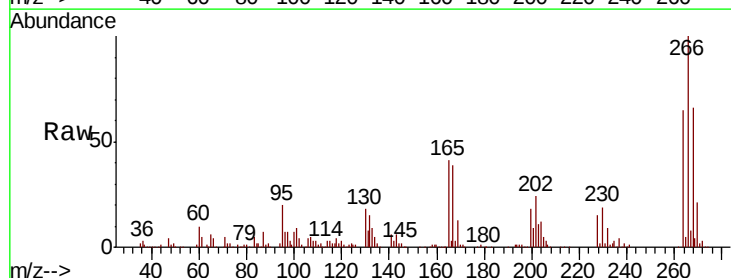
Tgt Ion:266 Resp: 200359

Ion Ratio Lower Upper

266 100

268 65.5 53.4 80.0

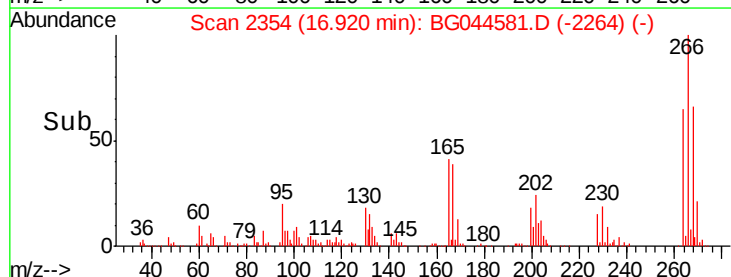
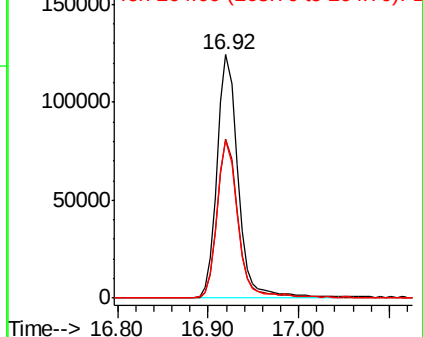
264 64.7 53.0 79.4

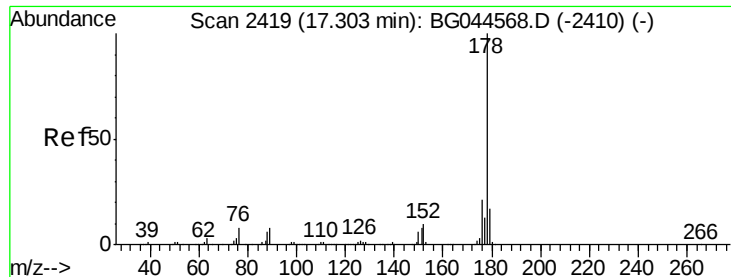


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

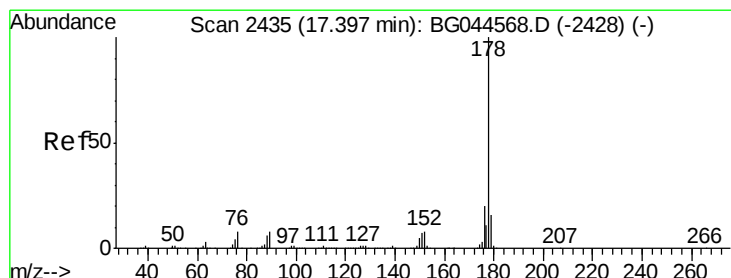
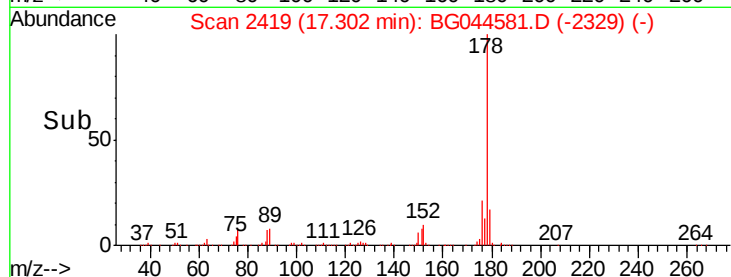
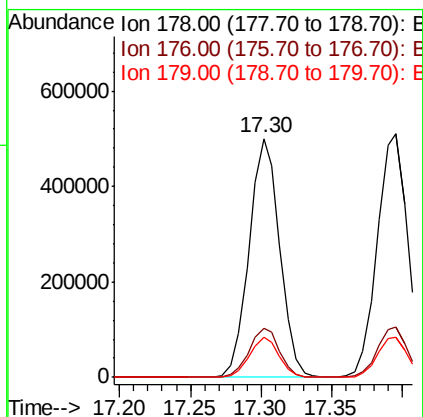
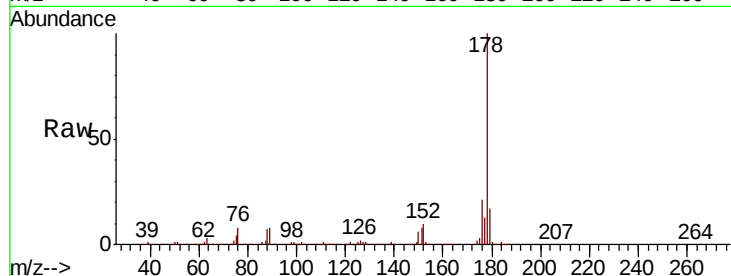




#71
Phenanthrene
Concen: 36.862 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

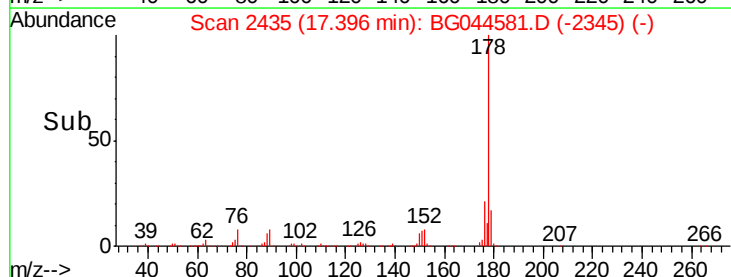
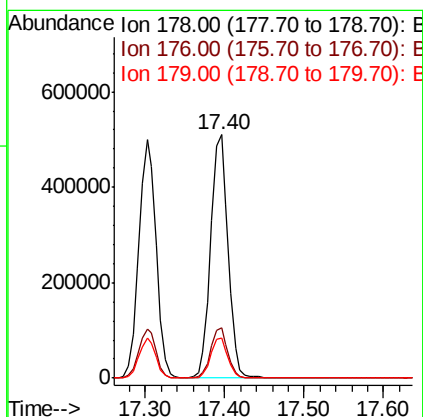
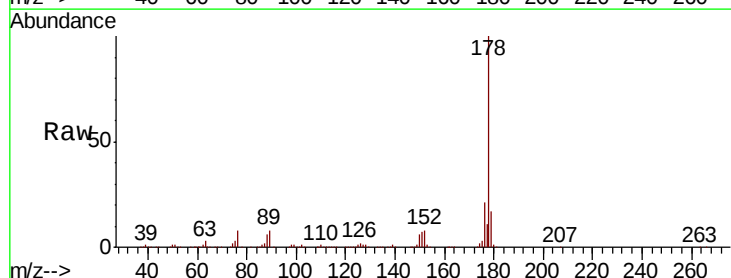
Instrument :
BNA_G
ClientSampleId :

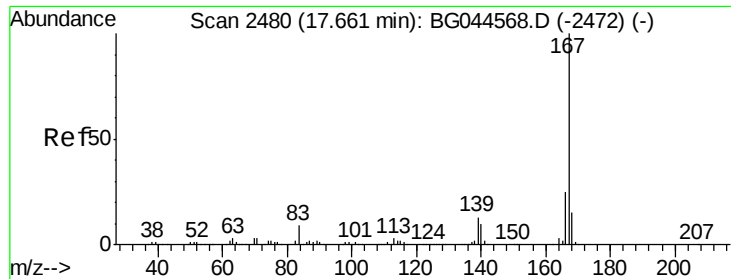
Tot Ion:178 Resp: 761482
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.8 13.3 19.9



#72
Anthracene
Concen: 38.061 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:178 Resp: 774828
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 16.6 13.1 19.7





#73

Carbazole

Concen: 39.066 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

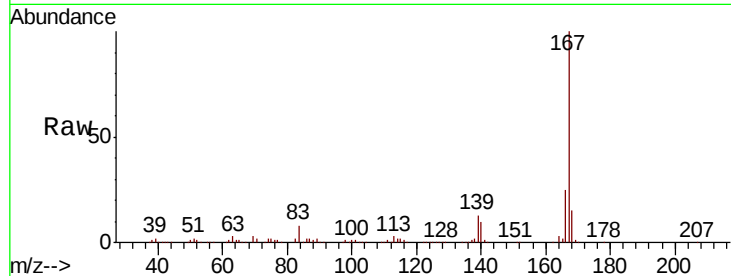
Tot Ion:167 Resp: 723898

Ion Ratio Lower Upper

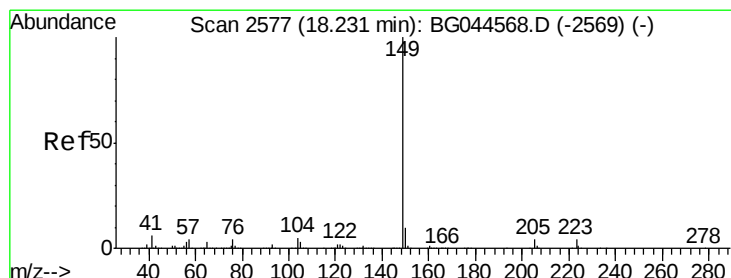
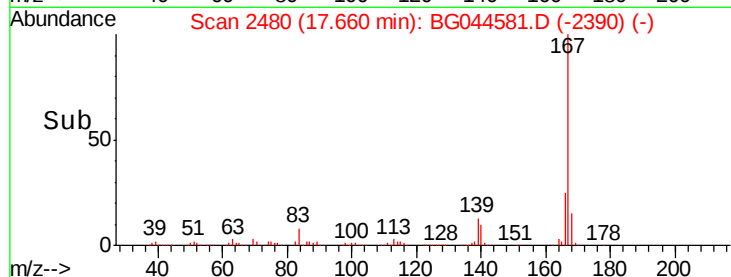
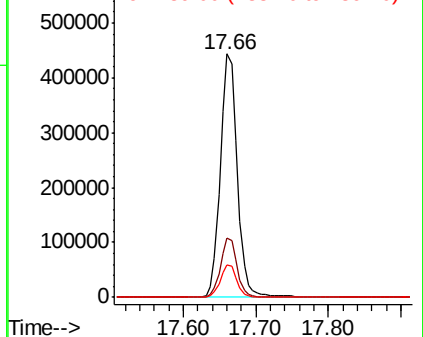
167 100

166 24.6 19.7 29.5

139 13.3 10.6 15.8



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



#74

Di-n-butylphthalate

Concen: 39.152 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

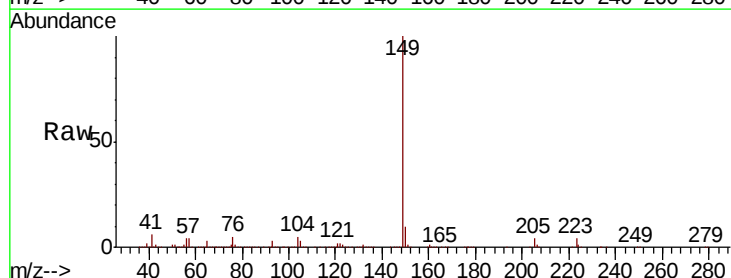
Tgt Ion:149 Resp: 909113

Ion Ratio Lower Upper

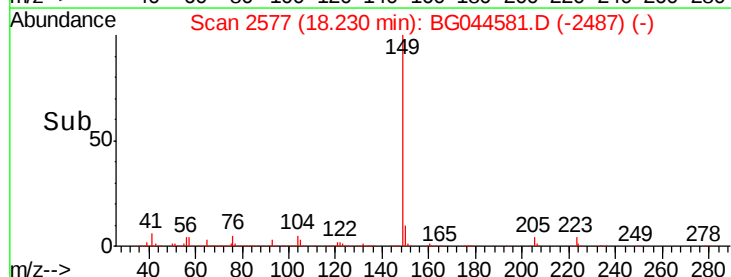
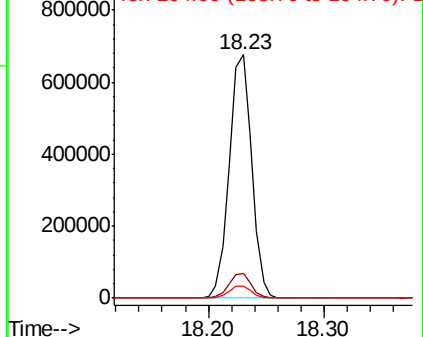
149 100

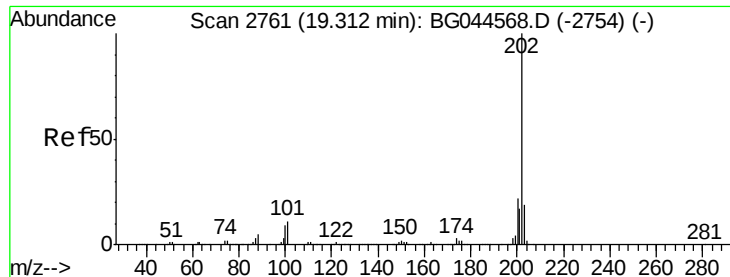
150 10.2 7.8 11.8

104 5.0 4.0 6.0



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





#75

Fluoranthene

Concen: 39.070 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

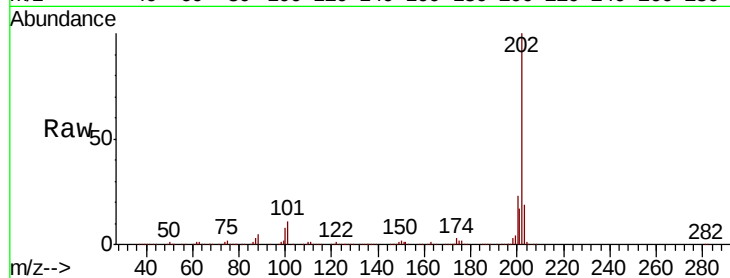
Tot Ion:202 Resp: 955431

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.0

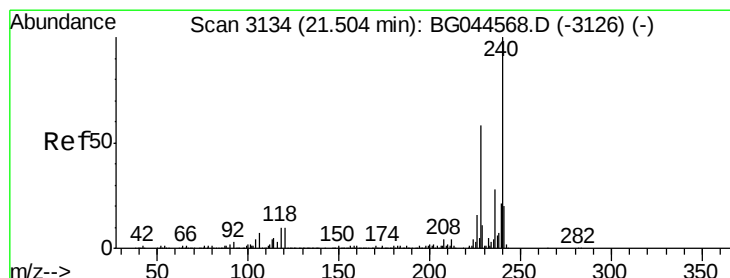
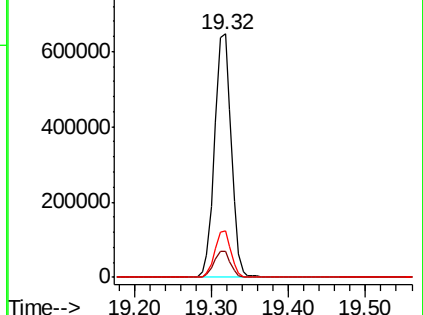
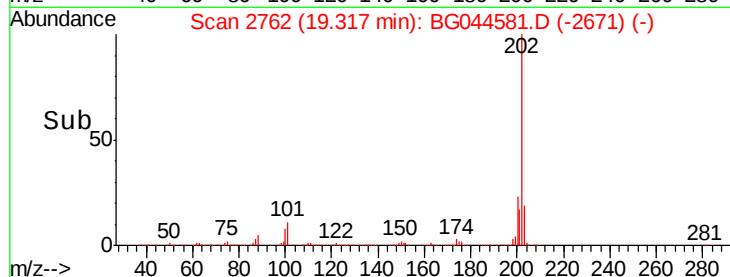
203 19.1 0.0 39.2



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

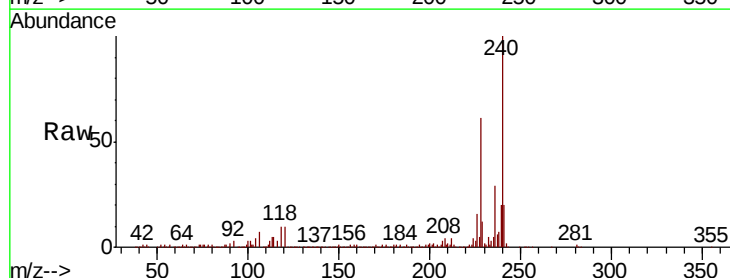
Tgt Ion:240 Resp: 355408

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

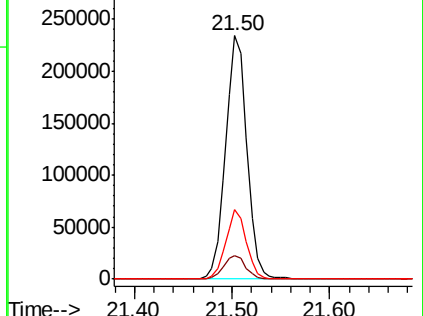
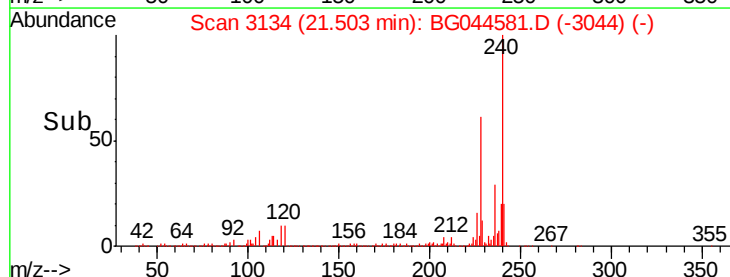
236 28.5 22.3 33.5

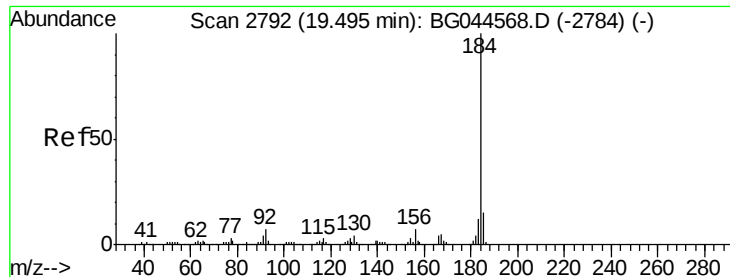


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.549 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

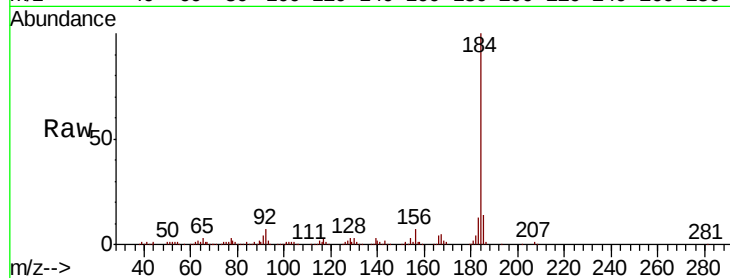
Tot Ion:184 Resp: 250178

Ion Ratio Lower Upper

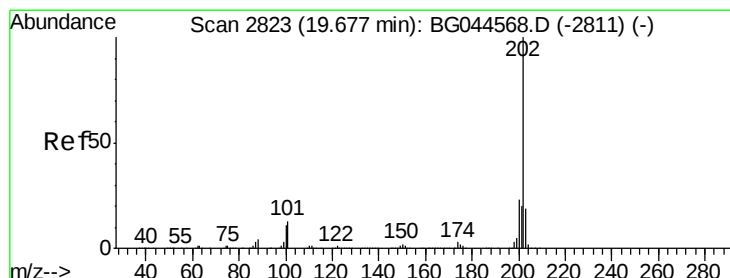
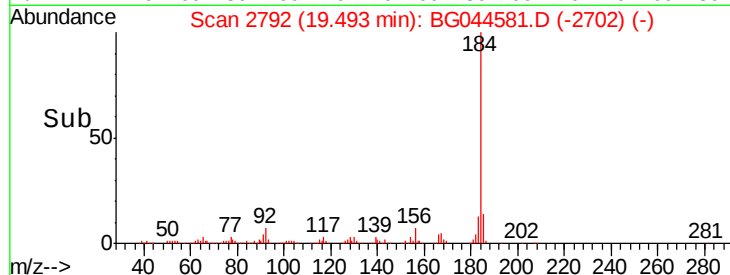
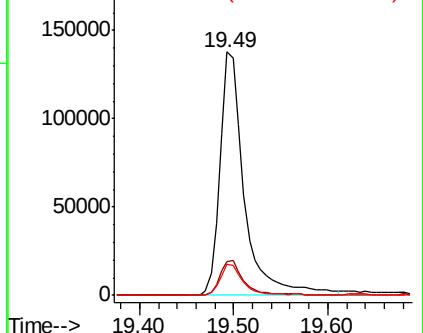
184 100

185 14.1 12.2 18.4

183 12.5 9.9 14.9



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: 36.894 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

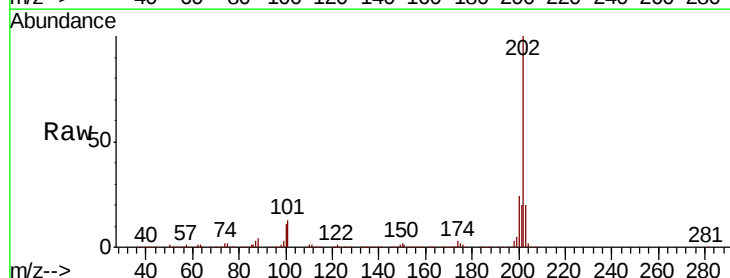
Tgt Ion:202 Resp: 951844

Ion Ratio Lower Upper

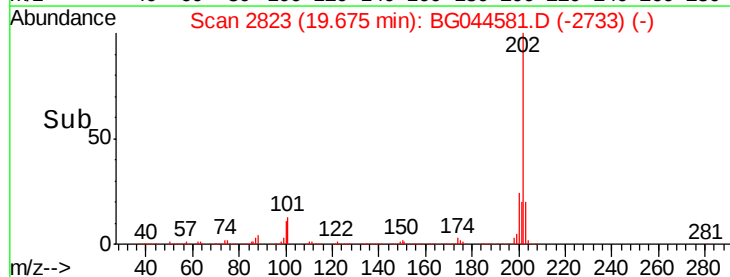
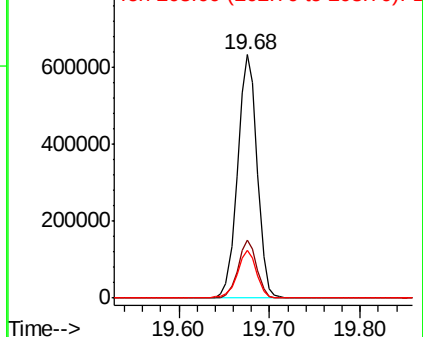
202 100

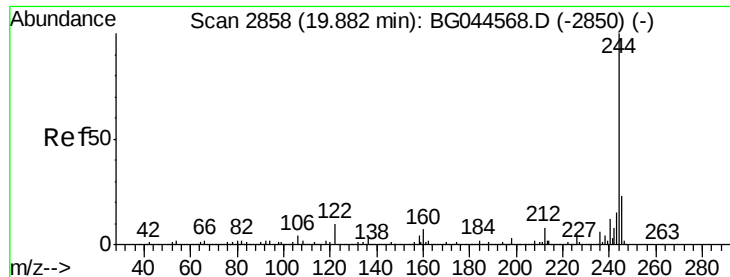
200 23.6 18.6 28.0

203 19.7 15.3 22.9



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: 65.939 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampled :

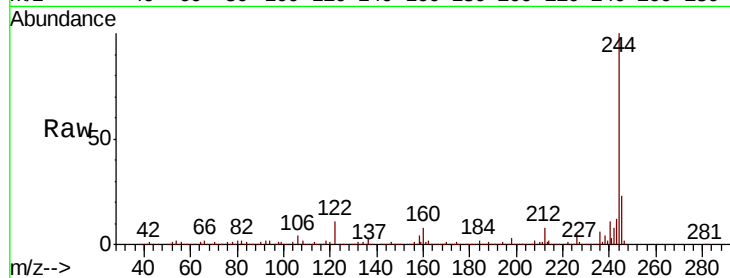
Tot Ion:244 Resp: 1237961

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.9	8.2	12.4

244 100

212 7.9 6.5 9.7

122 10.9 8.2 12.4

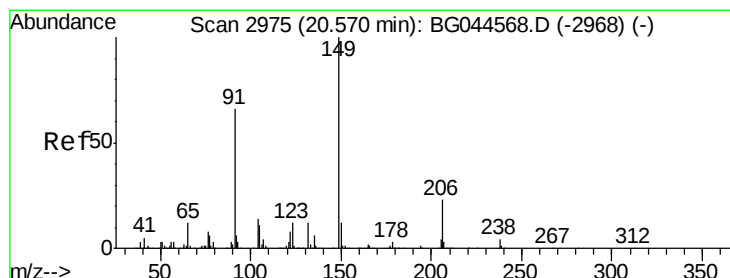
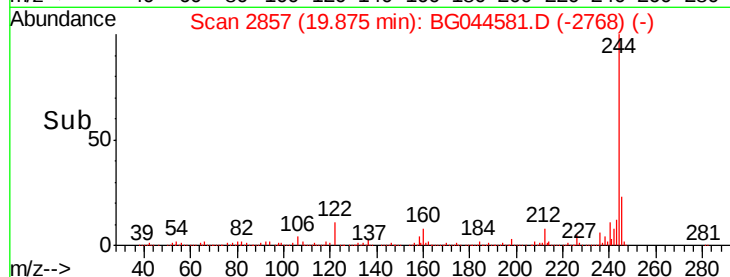
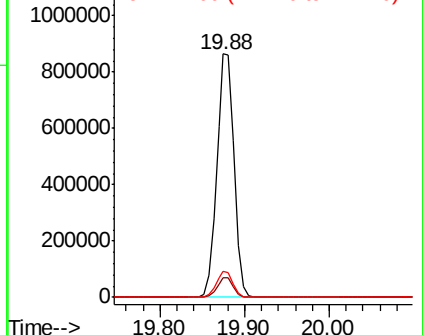


Abundance

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: 36.546 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

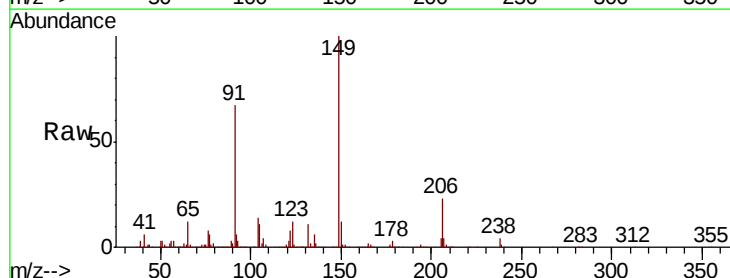
Tgt Ion:149 Resp: 412419

Ion	Ratio	Lower	Upper
149	100		
91	66.6	52.7	79.1
206	23.4	18.6	28.0

149 100

91 66.6 52.7 79.1

206 23.4 18.6 28.0

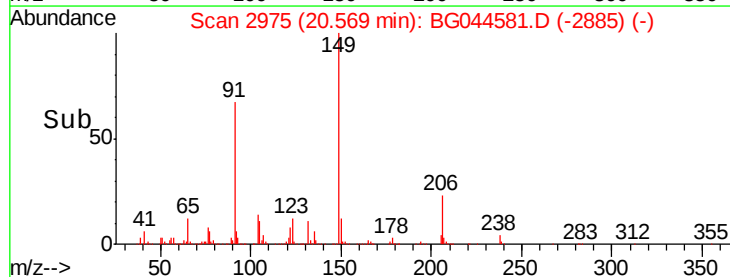
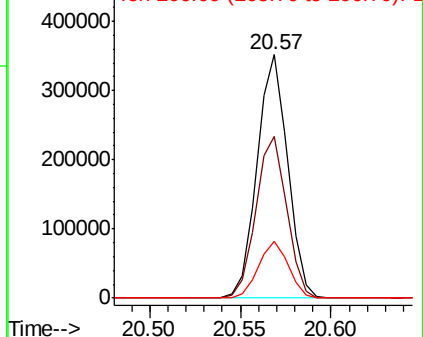


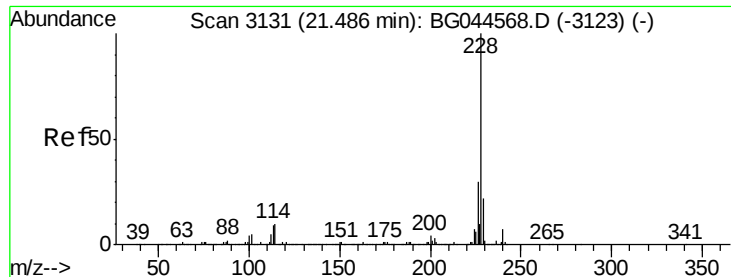
Abundance

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: 36.673 ng

RT: 21.49 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

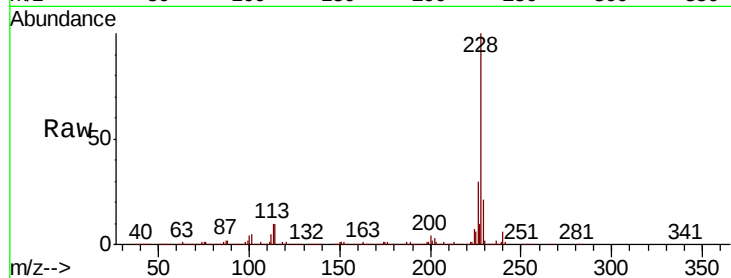
Tot Ion:228 Resp: 916066

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

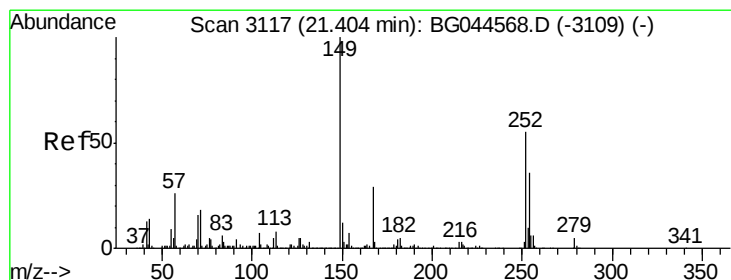
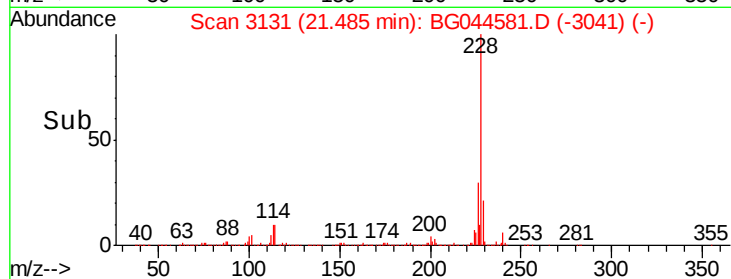
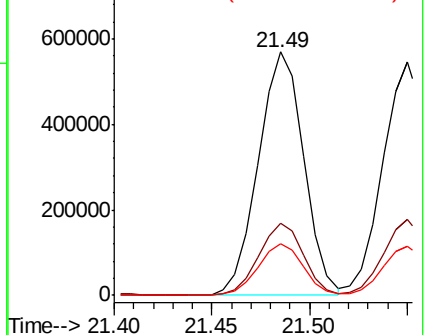
229 21.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.869 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

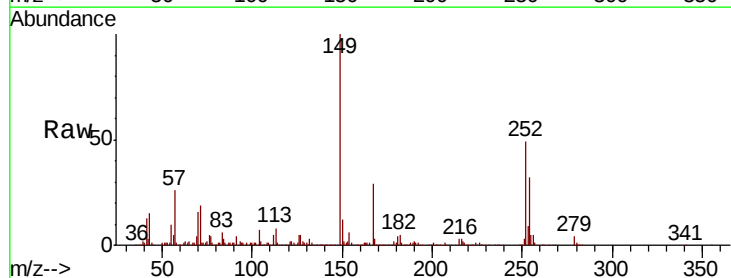
Tgt Ion:252 Resp: 304624

Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

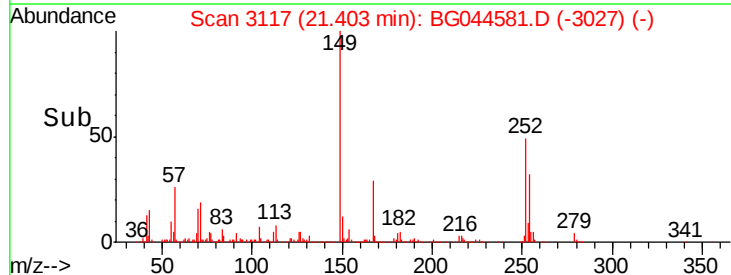
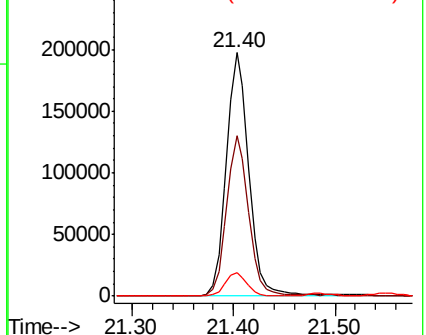
126 9.6 7.8 11.6

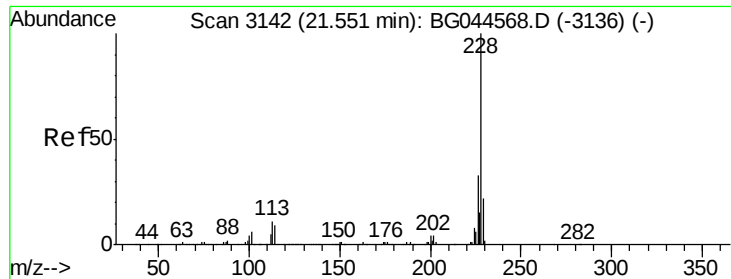


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

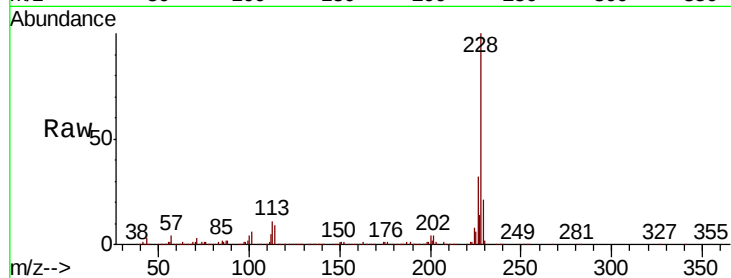




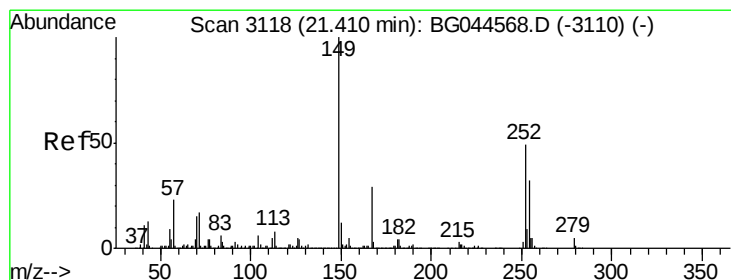
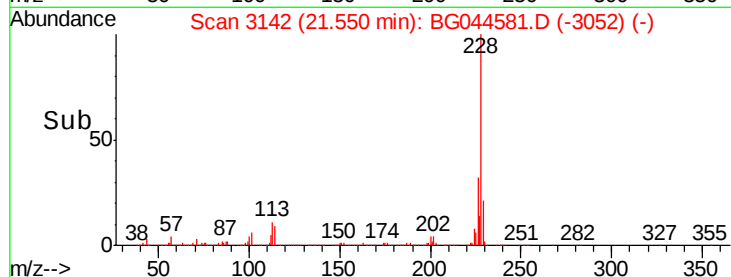
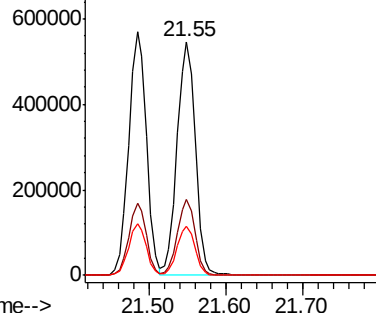
#83
 Chrysene
 Concen: 36.765 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 887933
 Ion Ratio Lower Upper
 228 100
 226 32.3 26.1 39.1
 229 21.3 17.2 25.8

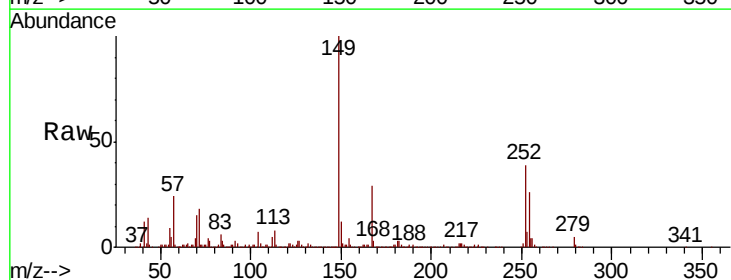


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

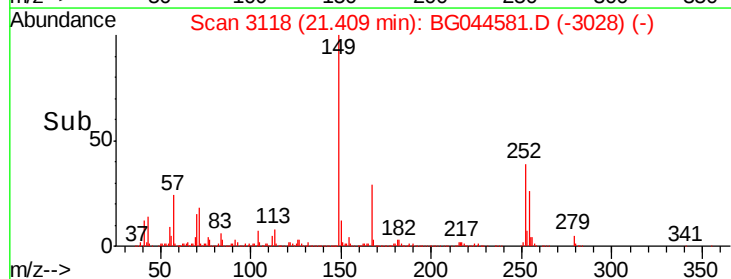
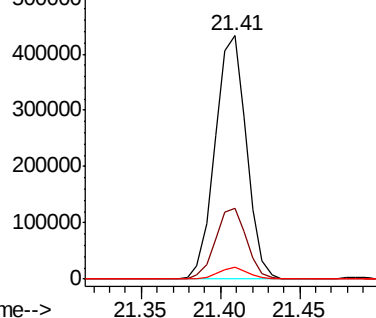


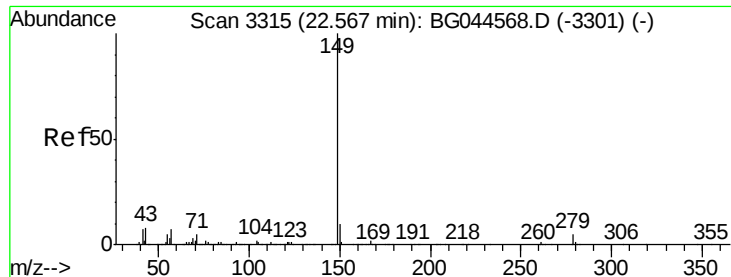
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.943 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044581.D
 Acq: 25 Feb 2020 17:56

Tgt Ion:149 Resp: 590003
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.4 35.0
 279 4.9 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.053 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

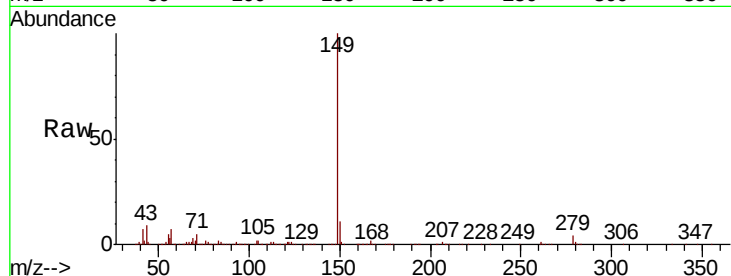
Tot Ion:149 Resp: 1041053

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

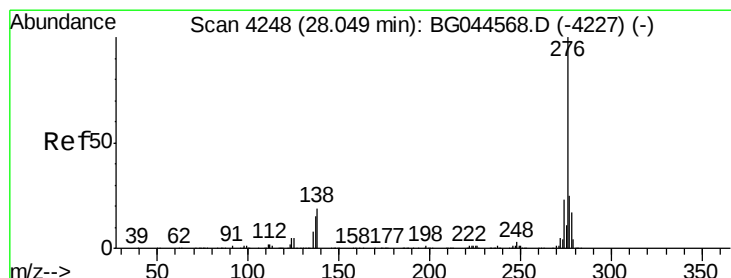
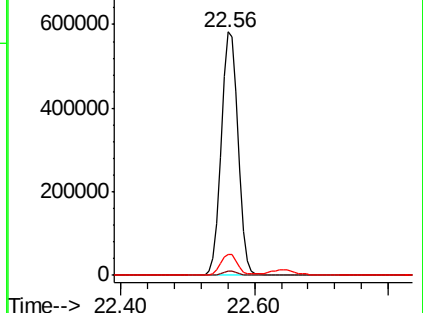
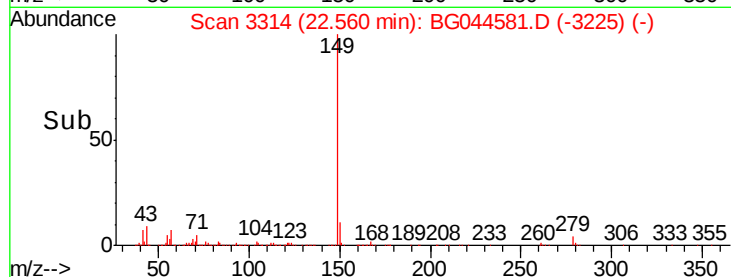
43 8.6 6.6 10.0



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: 35.813 ng

RT: 28.05 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

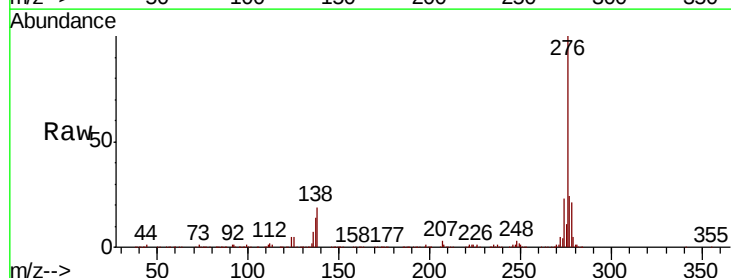
Tgt Ion:276 Resp: 1110021

Ion Ratio Lower Upper

276 100

138 23.3 18.2 27.4

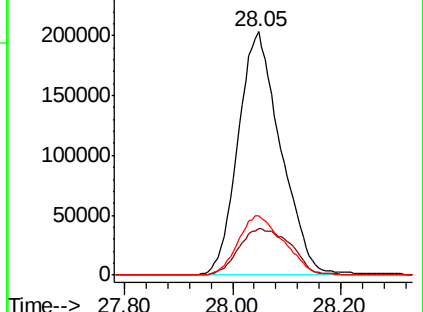
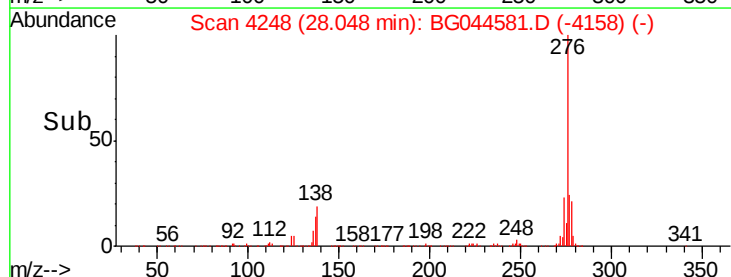
277 26.1 20.7 31.1

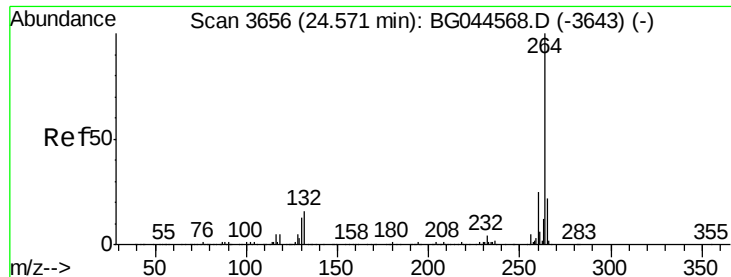


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

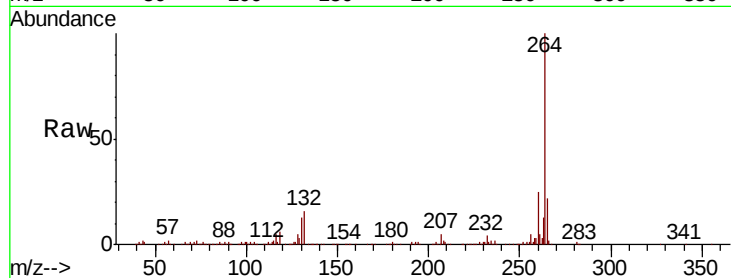
Tot Ion:264 Resp: 348205

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

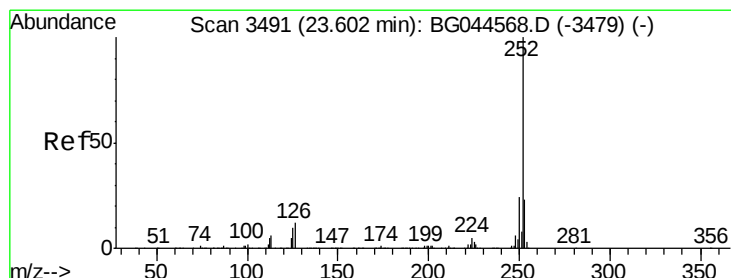
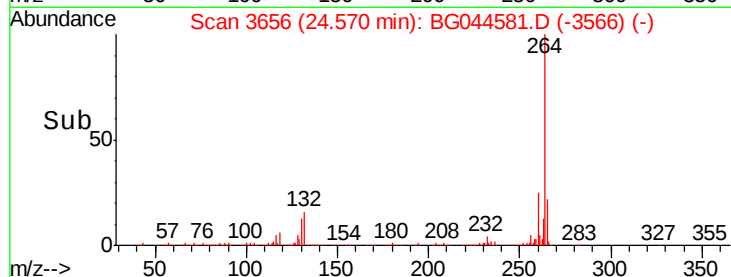
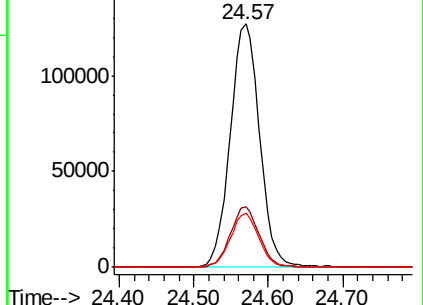
265 22.0 17.8 26.8



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: 43.025 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

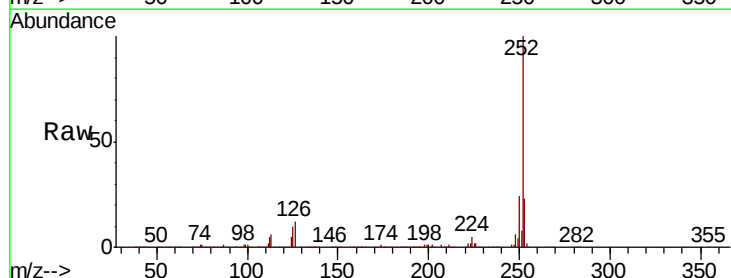
Tgt Ion:252 Resp: 985018

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

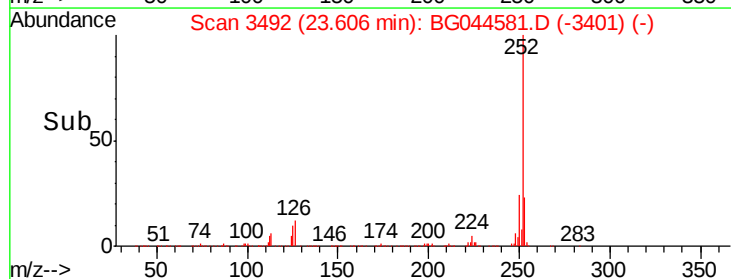
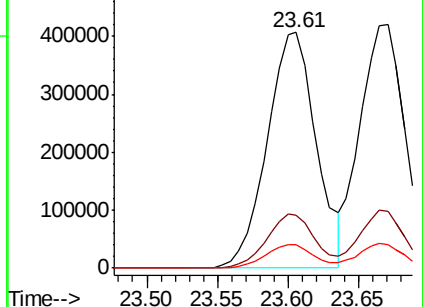
125 9.8 7.9 11.9

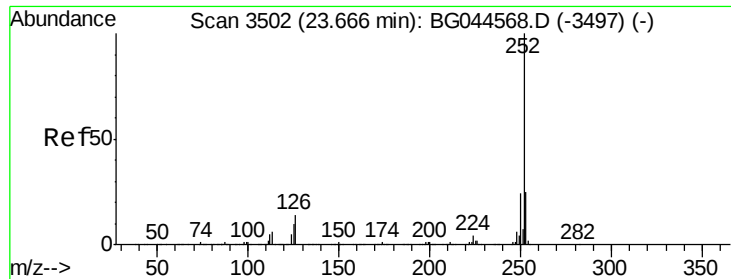


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

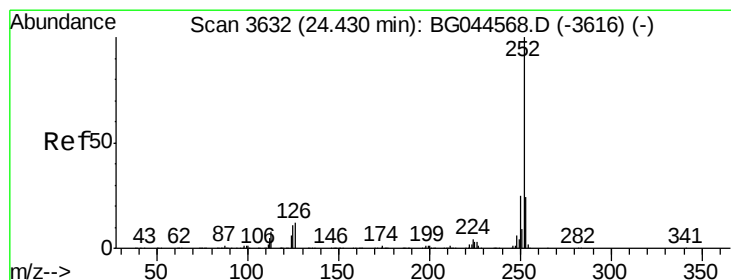
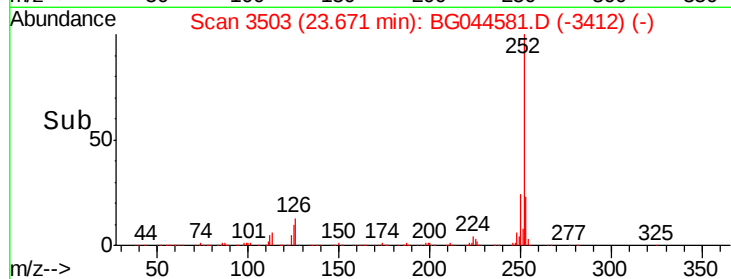
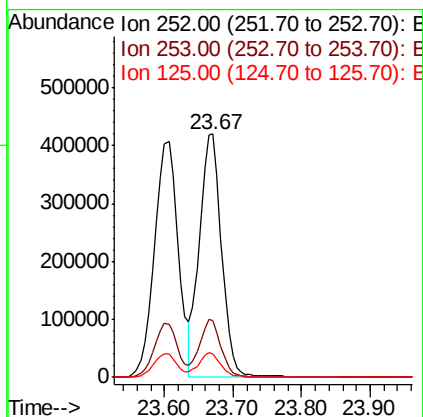
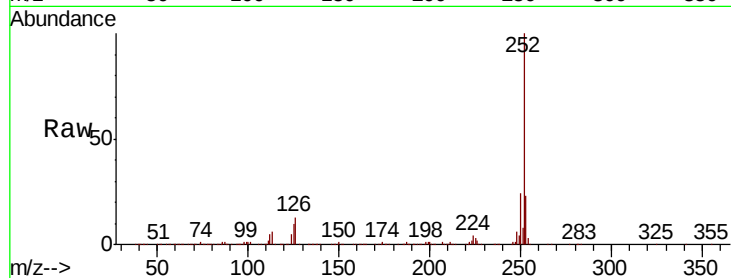




#89
Benzo(k)fluoranthene
Concen: 42.750 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

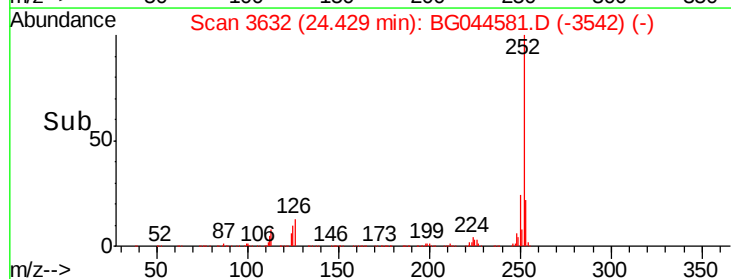
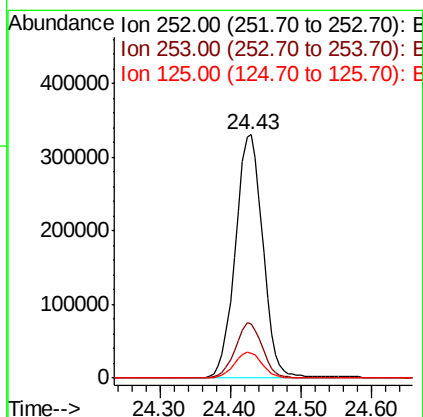
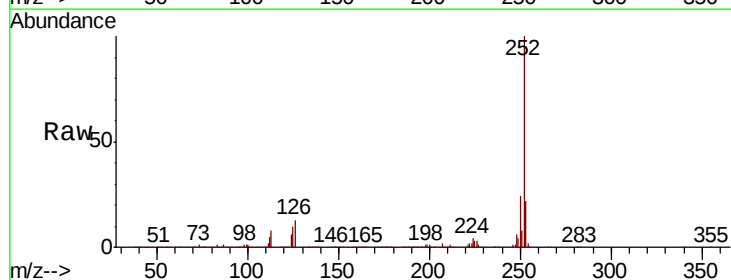
Instrument :
BNA_G
ClientSampleId :

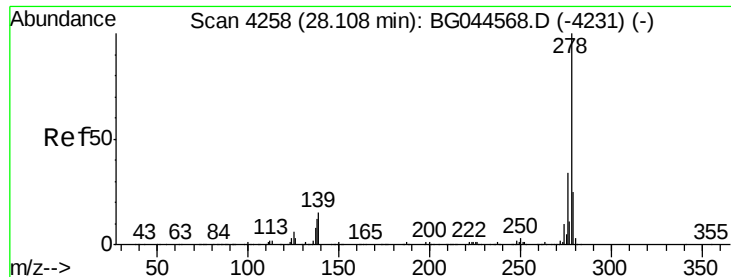
Tot Ion:252 Resp: 949634
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 9.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 41.587 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044581.D
Acq: 25 Feb 2020 17:56

Tgt Ion:252 Resp: 894545
Ion Ratio Lower Upper
252 100
253 22.4 19.0 28.4
125 10.4 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 43.813 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.01 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

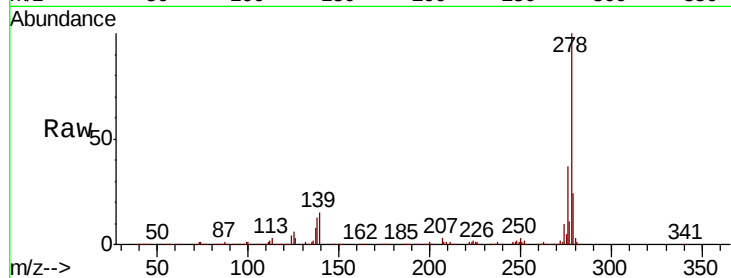
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 932037

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	24.5	19.8	29.6

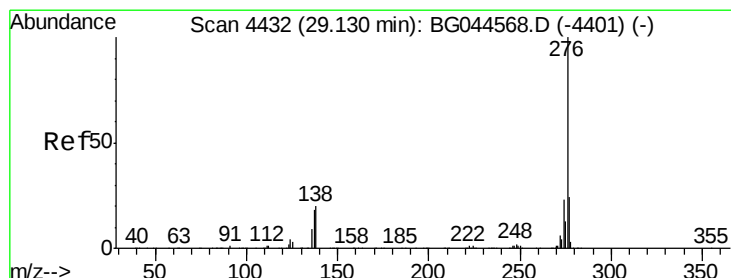
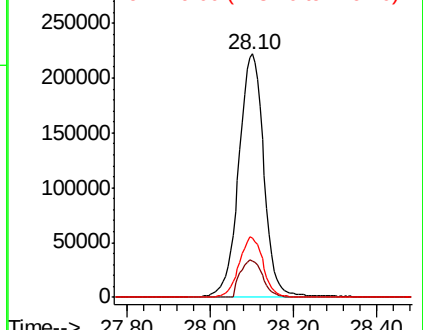
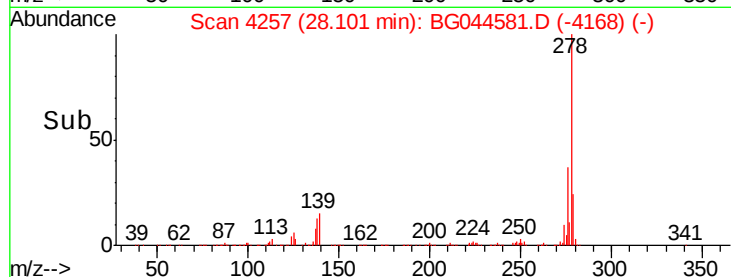


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.529 ng

RT: 29.13 min Scan# 4432

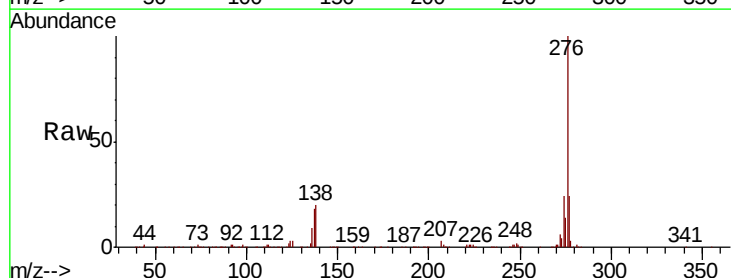
Delta R.T. -0.00 min

Lab File: BG044581.D

Acq: 25 Feb 2020 17:56

Tgt Ion:276 Resp: 949070

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.1	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

