

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044577.D
 Acq On : 25 Feb 2020 15:05
 Operator : CG/JU
 Sample : PB126985BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 04:58:24 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	66979	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	284476	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	190534	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	447305	20.00	ng	0.00
76) Chrysene-d12	21.51	240	426992	20.00	ng	0.00
87) Perylene-d12	24.58	264	384203	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	506516	121.33	ng	0.00
7) Phenol-d6	7.06	99	673353	117.84	ng	0.00
23) Nitrobenzene-d5	9.04	82	352466	63.83	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	299766	110.96	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	820510	61.67	ng	0.00
79) Terphenyl-d14	19.88	244	1430701	63.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	72368	39.727	ng	97
3) Pyridine	3.72	79	144515	28.431	ng	98
4) n-Nitrosodimethylamine	3.64	42	77668	40.232	ng	98
6) Aniline	7.20	93	212419	30.533	ng	98
8) 2-Chlorophenol	7.44	128	199805	43.846	ng	97
9) Benzaldehyde	7.00	77	54131	16.110	ng	96
10) Phenol	7.08	94	247567	44.708	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	185696	39.891	ng	95
12) 1,3-Dichlorobenzene	7.77	146	204403	37.608	ng	100
13) 1,4-Dichlorobenzene	7.91	146	207891	38.059	ng	99
14) 1,2-Dichlorobenzene	8.23	146	201663	38.822	ng	99
15) Benzyl Alcohol	8.11	79	168350	43.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	240840	38.496	ng	97
17) 2-Methylphenol	8.33	107	173037	43.742	ng	98
18) Hexachloroethane	8.96	117	75597	37.870	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	143301	39.015	ng	97
20) 3+4-Methylphenols	8.66	107	236119	43.597	ng	97
22) Acetophenone	8.70	105	275051	38.510	ng	# 99
24) Nitrobenzene	9.08	77	207800	38.843	ng	99
25) Isophorone	9.60	82	402759	38.990	ng	100
26) 2-Nitrophenol	9.79	139	118030	40.682	ng	96
27) 2,4-Dimethylphenol	9.86	122	191647	47.046	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	252220	36.922	ng	98
29) 2,4-Dichlorophenol	10.33	162	204560	42.002	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	204484	36.305	ng	99
31) Naphthalene	10.73	128	594268	38.284	ng	98
32) Benzoic acid	10.03	122	115211	61.489	ng	99
33) 4-Chloroaniline	10.83	127	132983	19.451	ng	97
34) Hexachlorobutadiene	11.02	225	122548	34.646	ng	98
35) Caprolactam	11.62	113	38710	22.203	ng	97
36) 4-Chloro-3-methylphenol	11.97	107	210947	42.078	ng	97
37) 2-Methylnaphthalene	12.34	142	443701	38.676	ng	99
38) 1-Methylnaphthalene	12.56	142	419112	38.447	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	226371	35.291	ng	99

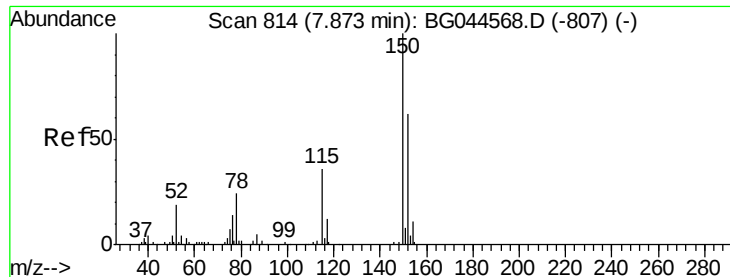
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	178577	60.731	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	168884	40.550	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	181859	42.507	ng	97
46) 1,1'-Biphenyl	13.35	154	568636	36.064	ng	98
47) 2-Chloronaphthalene	13.40	162	444400	35.942	ng	99
48) 2-Nitroaniline	13.60	65	135868	39.587	ng	97
49) Acenaphthylene	14.24	152	704514	38.601	ng	100
50) Dimethylphthalate	13.98	163	586071	38.110	ng	100
51) 2,6-Dinitrotoluene	14.09	165	134937	39.785	ng	99
52) Acenaphthene	14.58	154	431151	37.059	ng	100
53) 3-Nitroaniline	14.42	138	103019	28.163	ng	95
54) 2,4-Dinitrophenol	14.64	184	174521	85.619	ng	99
55) Dibenzofuran	14.92	168	689268	38.645	ng	99
56) 4-Nitrophenol	14.75	139	266377	105.868	ng	99
57) 2,4-Dinitrotoluene	14.89	165	192262	40.320	ng	99
58) Fluorene	15.57	166	551998	39.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	166542	42.271	ng	98
60) Diethylphthalate	15.35	149	600625	39.417	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	290114	37.730	ng	97
62) 4-Nitroaniline	15.59	138	142533	38.915	ng	97
63) Azobenzene	15.86	77	521209	40.192	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	125428	45.286	ng	99
66) n-Nitrosodiphenylamine	15.78	169	526770	37.754	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	197481	35.567	ng	98
68) Hexachlorobenzene	16.58	284	217556	34.657	ng	98
69) Atrazine	16.73	200	205914	39.920	ng	99
70) Pentachlorophenol	16.93	266	259392	84.040	ng	97
71) Phenanthrene	17.31	178	925837	37.386	ng	99
72) Anthracene	17.40	178	952069	39.012	ng	98
73) Carbazole	17.67	167	893002	40.200	ng	99
74) Di-n-butylphthalate	18.23	149	1101736	39.579	ng	98
75) Fluoranthene	19.32	202	1157204	39.474	ng	99
77) Benzidine	19.50	184	215745	14.750	ng	99
78) Pyrene	19.68	202	1163035	37.522	ng	98
80) Butylbenzylphthalate	20.57	149	506720	37.374	ng	97
81) Benzo(a)anthracene	21.49	228	1122583	37.407	ng	100
82) 3,3'-Dichlorobenzidine	21.41	252	339979	28.676	ng	99
83) Chrysene	21.55	228	1072267	36.954	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	709101	37.957	ng	98
85) Di-n-octyl phthalate	22.57	149	1255966	38.212	ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1351548	36.295	ng	99
88) Benzo(b)fluoranthene	23.61	252	1190760	47.139	ng	98
89) Benzo(k)fluoranthene	23.67	252	1144842	46.709	ng	99
90) Benzo(a)pyrene	24.44	252	1081372	45.563	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1130174	48.149	ng	99
92) Benzo(g,h,i)perylene	29.15	276	1151458	48.963	ng	99

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

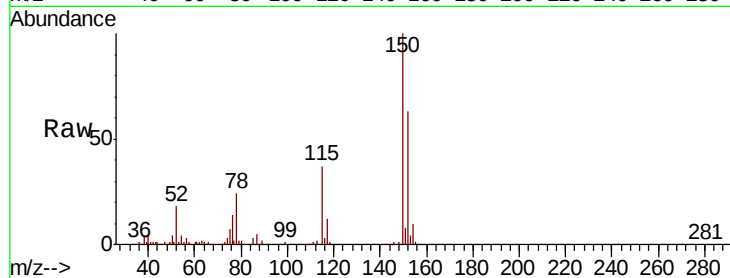


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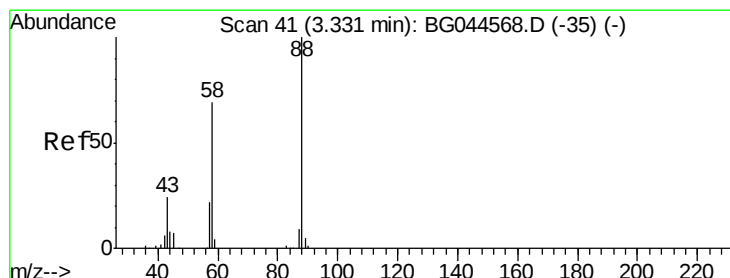
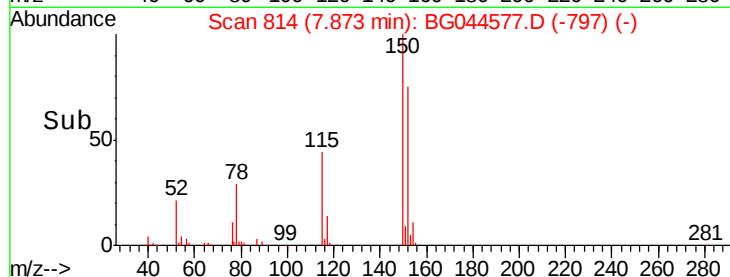
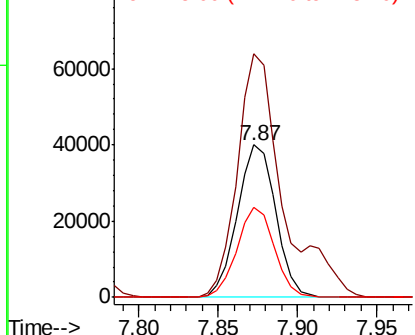
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66979
Ion Ratio Lower Upper
152 100
150 159.6 128.9 193.3
115 58.8 47.0 70.4



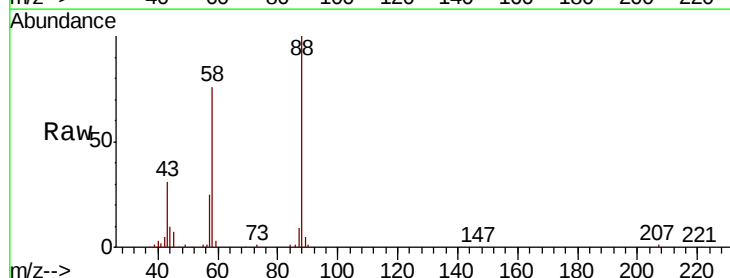
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



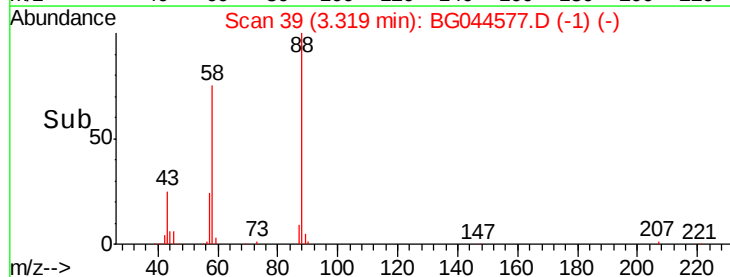
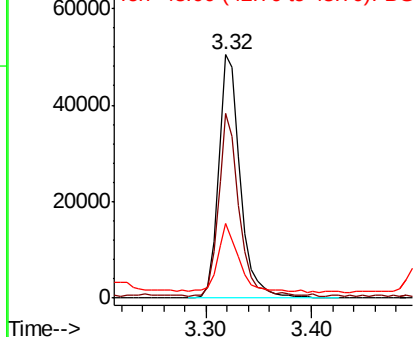
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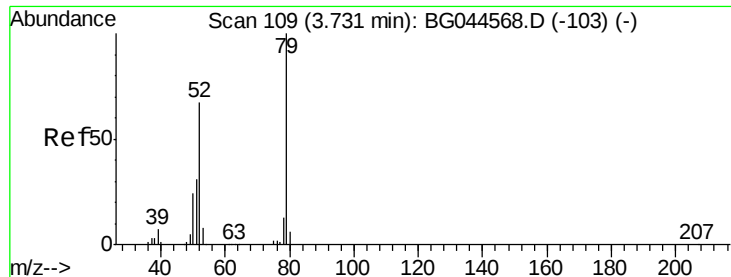
1,4-Dioxane
Concen: 39.727 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion: 88 Resp: 72368
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.8
43 29.0 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: 28.431 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

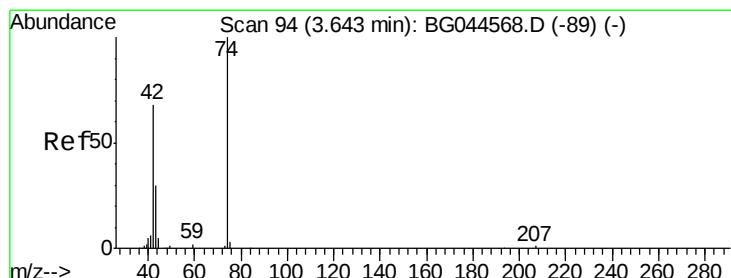
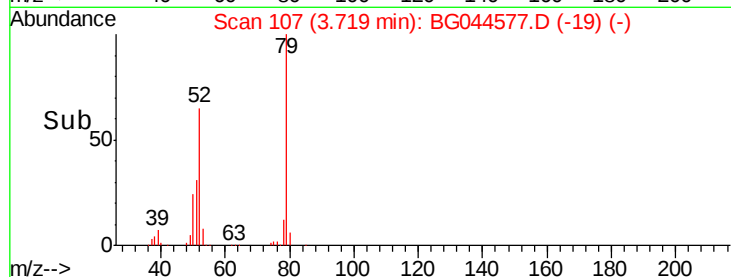
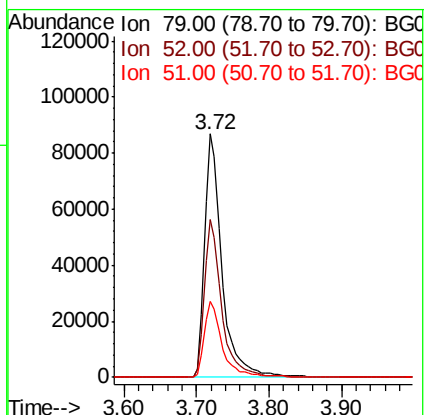
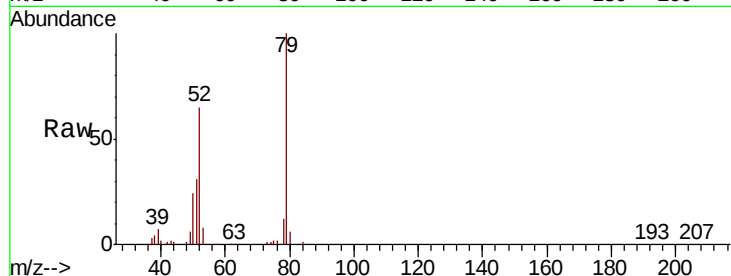
Tot Ion: 79 Resp: 144515

Ion Ratio Lower Upper

79 100

52 64.9 53.7 80.5

51 31.0 25.4 38.0



#4

n-Nitrosodimethylamine

Concen: 40.232 ng

RT: 3.64 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

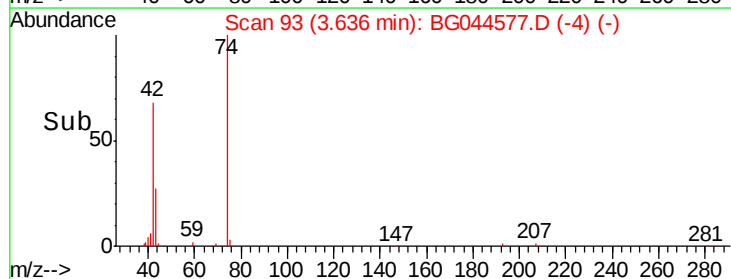
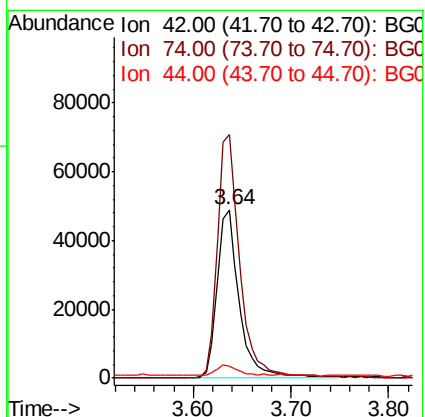
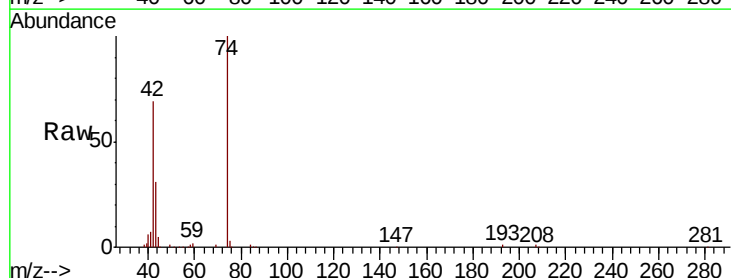
Tgt Ion: 42 Resp: 77668

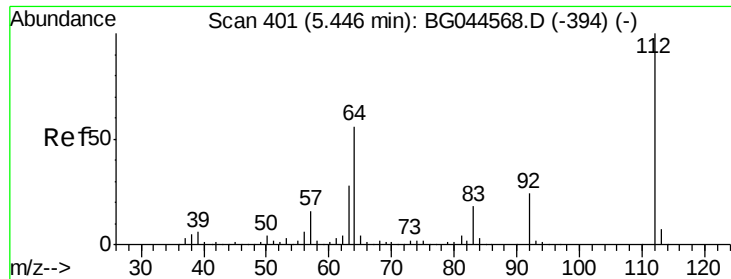
Ion Ratio Lower Upper

42 100

74 144.7 117.6 176.4

44 7.2 6.3 9.5





#5

2-Fluorophenol

Concen: 121.335 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

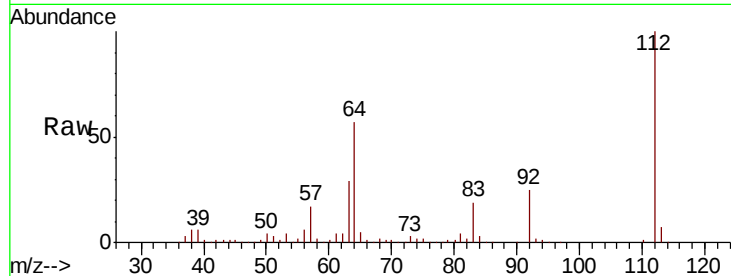
Tot Ion:112 Resp: 506516

Ion Ratio Lower Upper

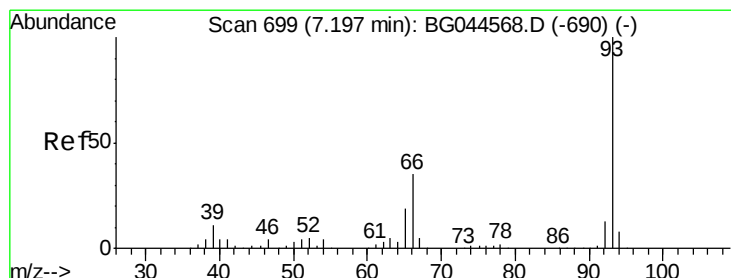
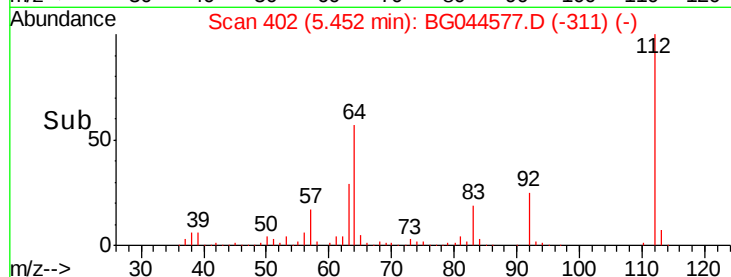
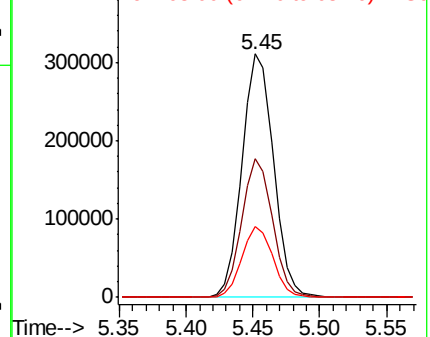
112 100

64 57.1 44.8 67.2

63 29.3 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: 30.533 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

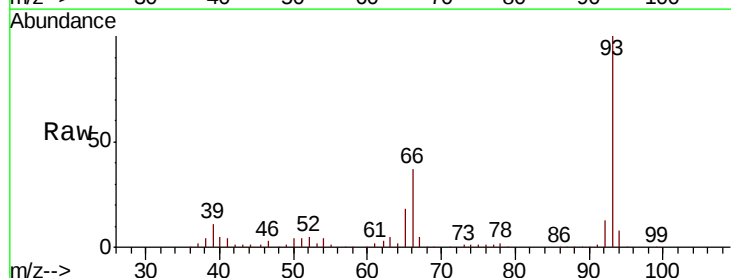
Tgt Ion: 93 Resp: 212419

Ion Ratio Lower Upper

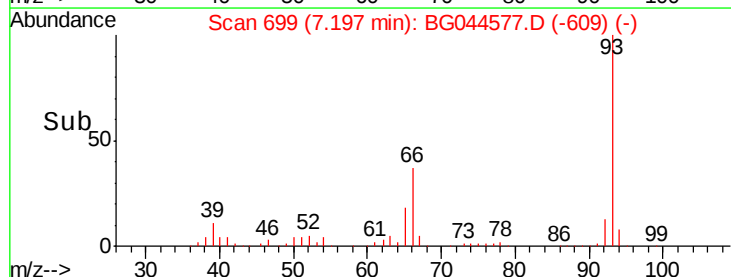
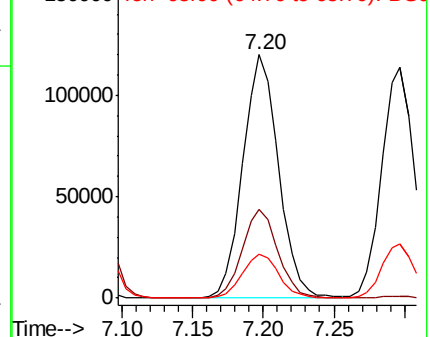
93 100

66 36.7 27.8 41.8

65 18.3 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: 117.840 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

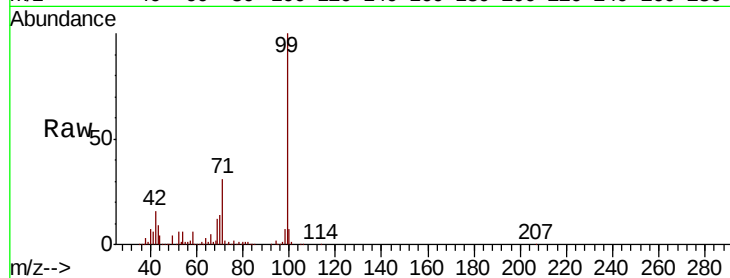
Tot Ion: 99 Resp: 673353

Ion Ratio Lower Upper

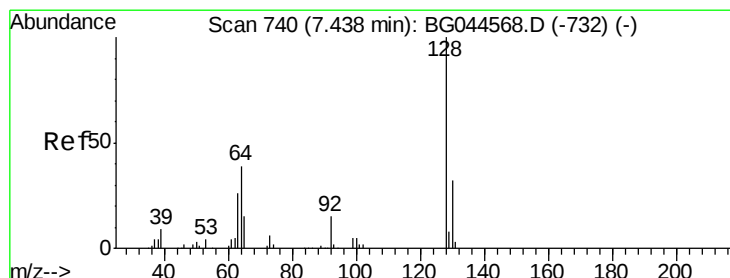
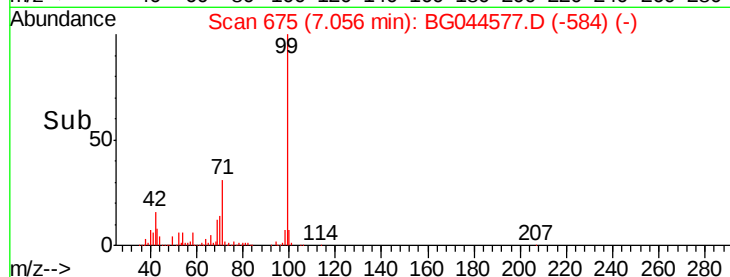
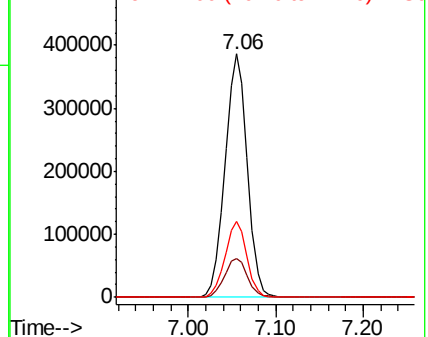
99 100

42 16.1 12.8 19.2

71 31.0 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: 43.846 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

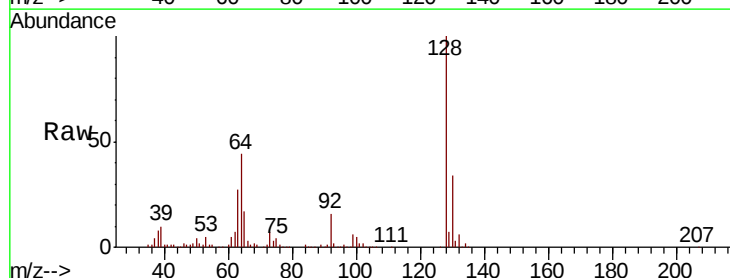
Tgt Ion: 128 Resp: 199805

Ion Ratio Lower Upper

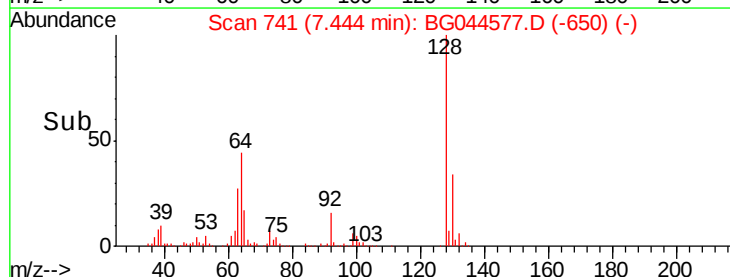
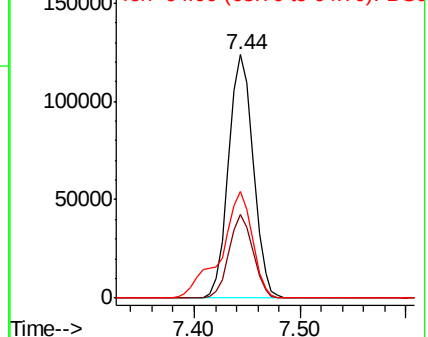
128 100

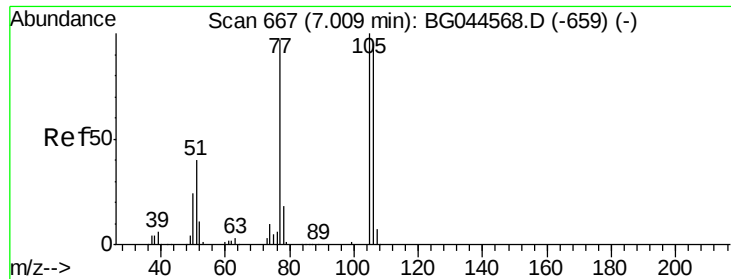
130 34.2 12.3 52.3

64 43.7 22.5 62.5



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





#9

Benzaldehyde

Concen: 16.110 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

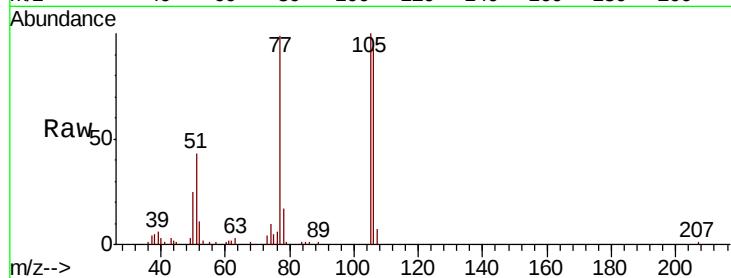
Tot Ion: 77 Resp: 54131

Ion Ratio Lower Upper

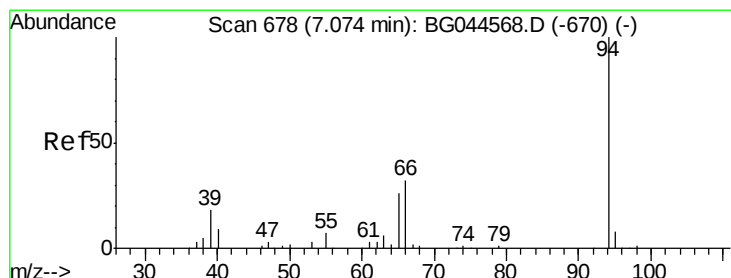
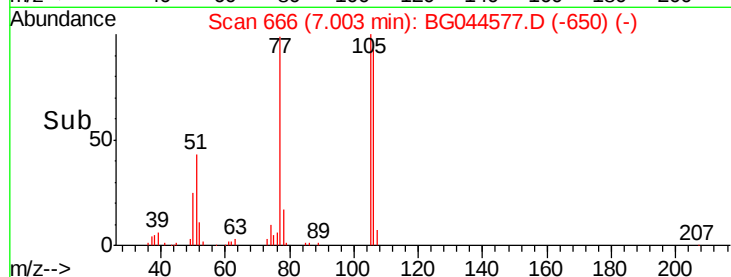
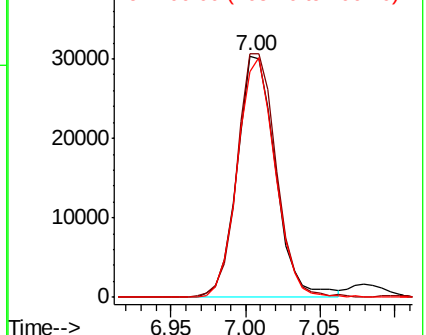
77 100

105 100.9 83.6 123.6

106 93.7 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.708 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

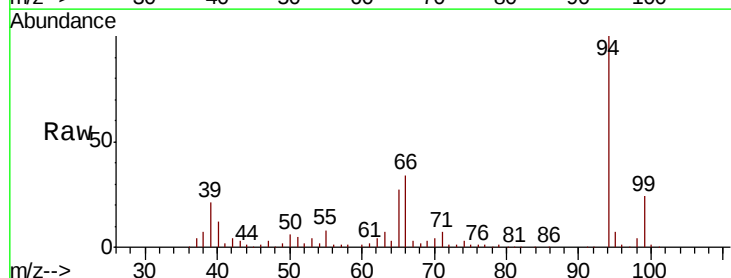
Tgt Ion: 94 Resp: 247567

Ion Ratio Lower Upper

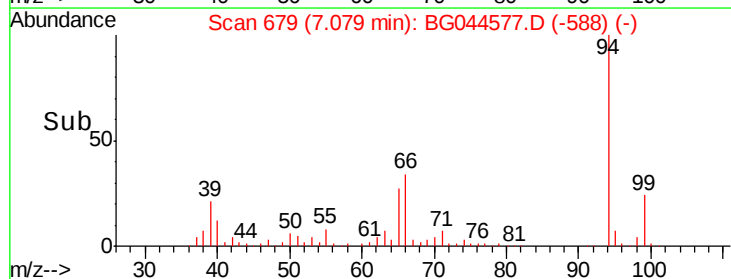
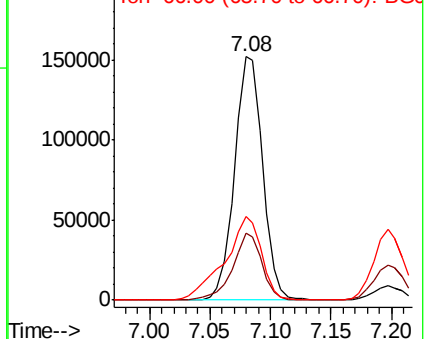
94 100

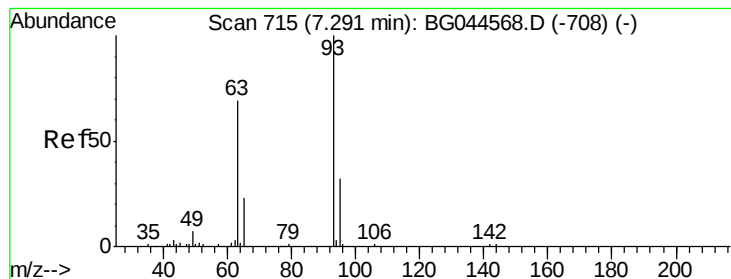
65 27.3 6.4 46.4

66 34.3 13.9 53.9



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





#11

bis(2-Chloroethyl)ether

Concen: 39.891 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

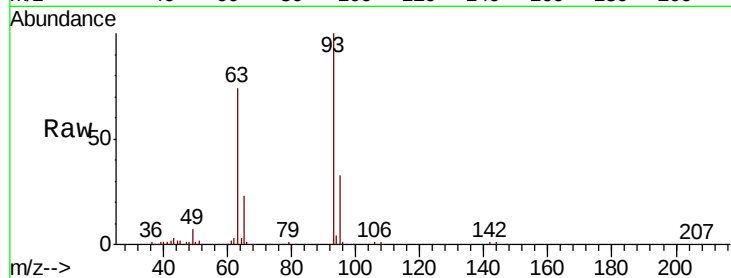
Tot Ion: 93 Resp: 185696

Ion Ratio Lower Upper

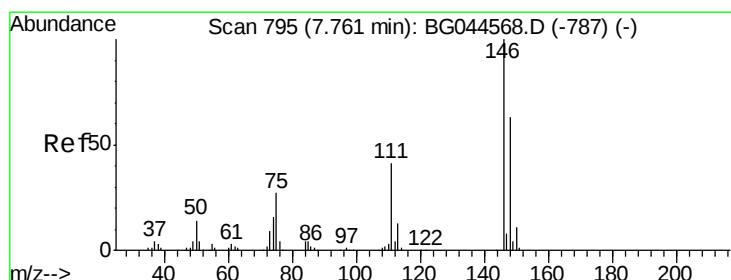
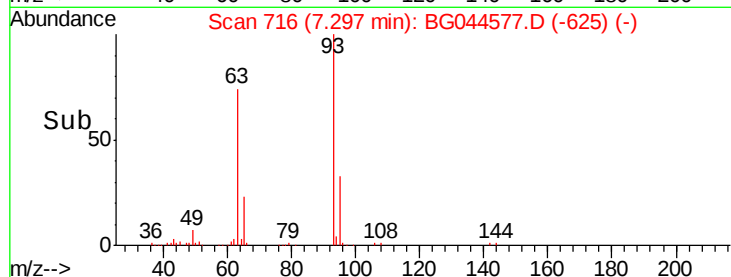
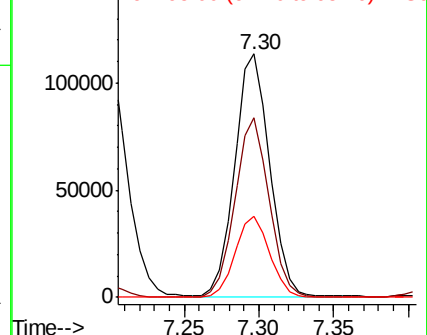
93 100

63 73.7 48.9 88.9

95 33.1 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: 37.608 ng

RT: 7.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

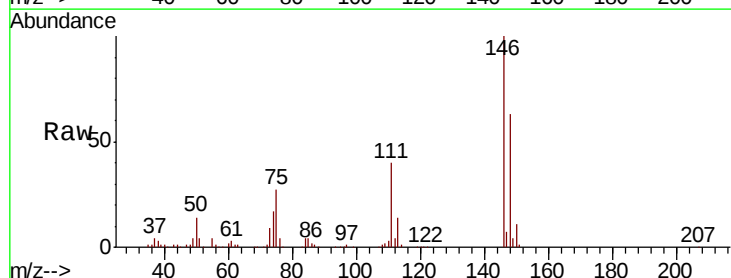
Tgt Ion: 146 Resp: 204403

Ion Ratio Lower Upper

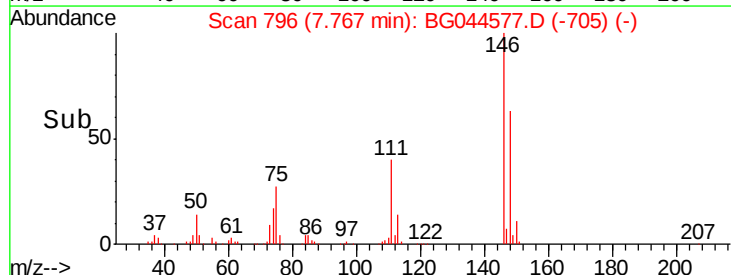
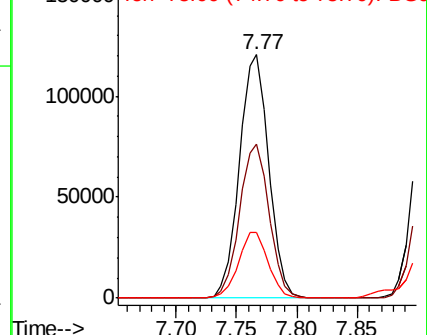
146 100

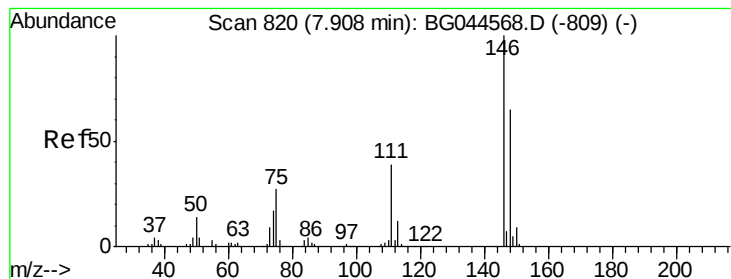
148 63.5 50.6 75.8

75 26.8 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: 38.059 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

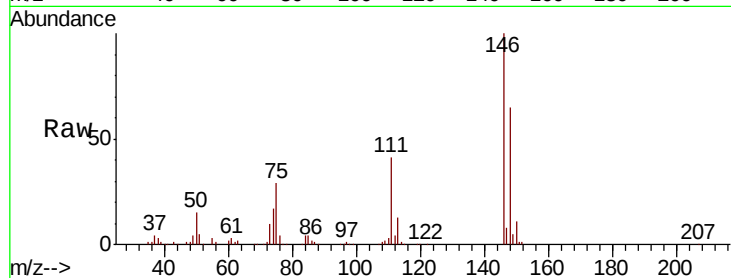
Tot Ion:146 Resp: 207891

Ion Ratio Lower Upper

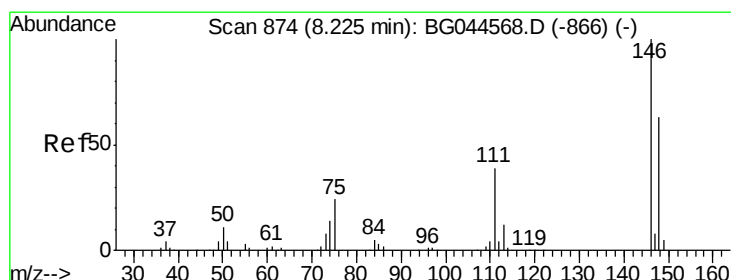
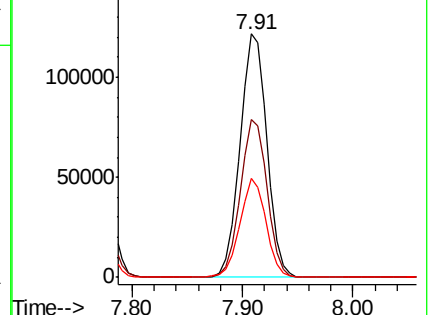
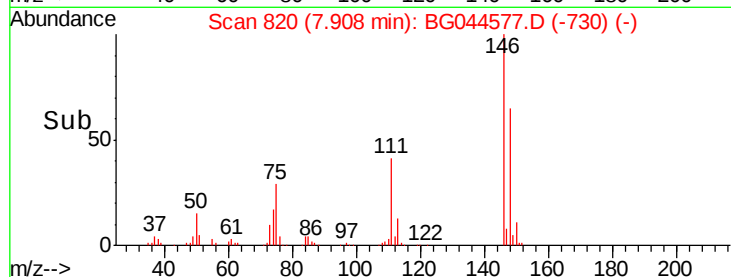
146 100

148 65.0 51.9 77.9

111 40.5 30.8 46.2



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



#14

1,2-Dichlorobenzene

Concen: 38.822 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

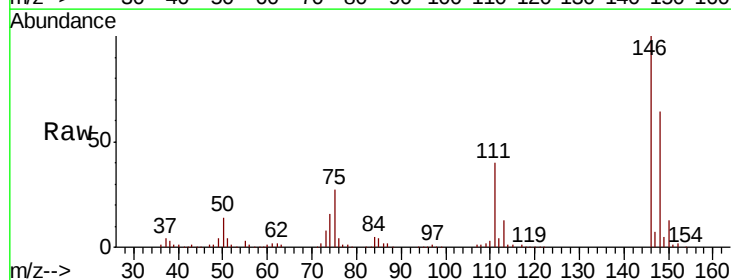
Tgt Ion:146 Resp: 201663

Ion Ratio Lower Upper

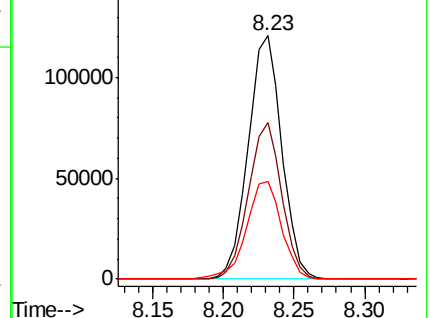
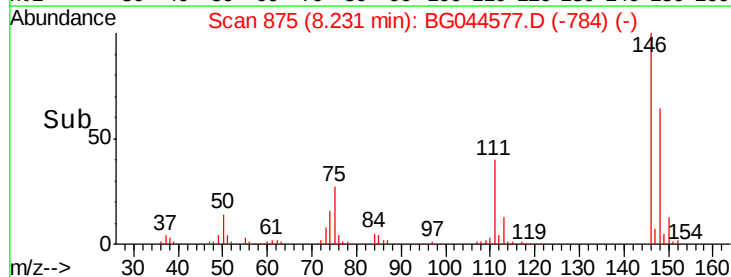
146 100

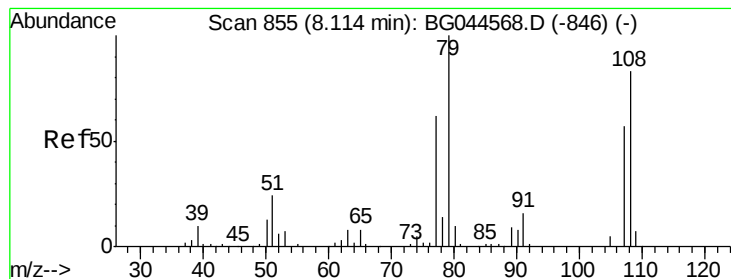
148 64.1 50.7 76.1

111 40.3 31.8 47.6



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





#15

Benzyl Alcohol

Concen: 43.685 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

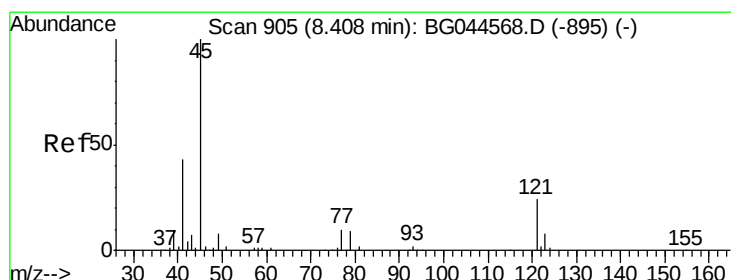
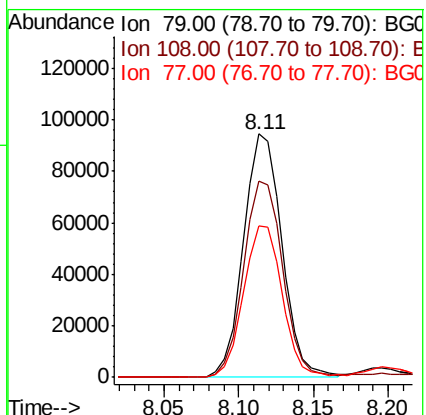
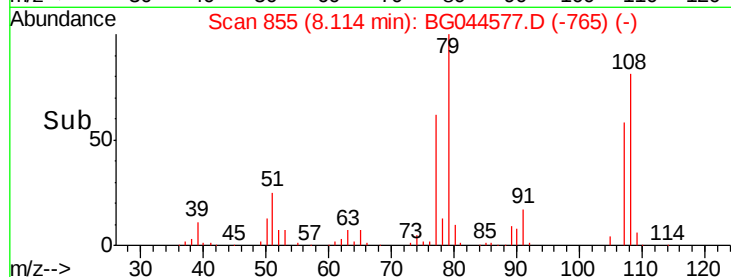
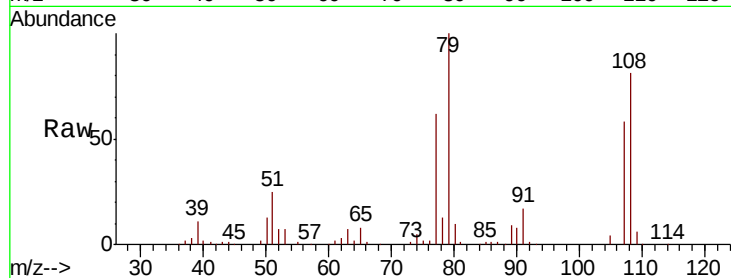
Tot Ion: 79 Resp: 168350

Ion Ratio Lower Upper

79 100

108 80.8 66.0 99.0

77 62.0 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.496 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

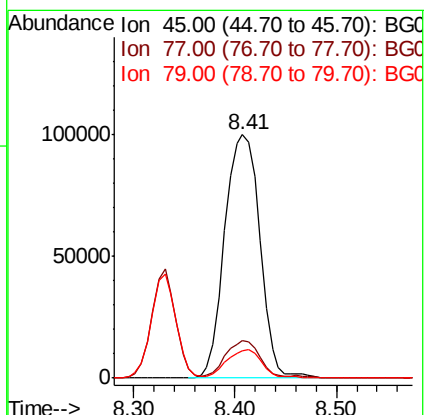
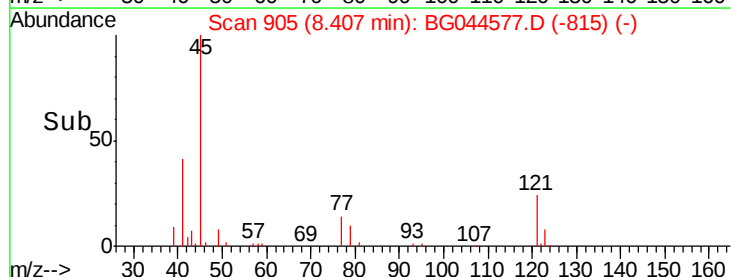
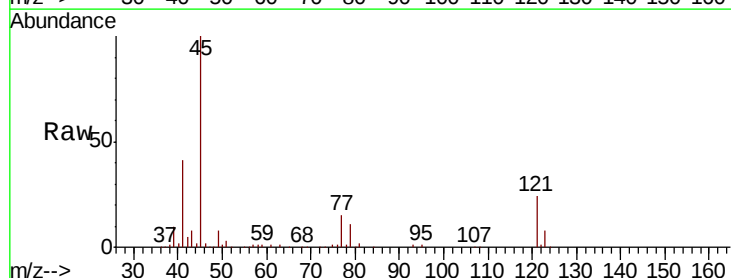
Tgt Ion: 45 Resp: 240840

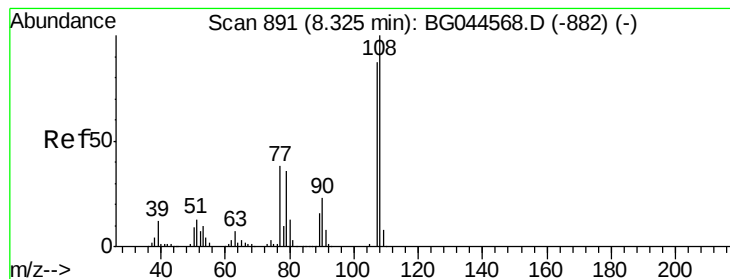
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.4

79 11.1 0.0 32.3





#17

2-Methylphenol

Concen: 43.742 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 173037

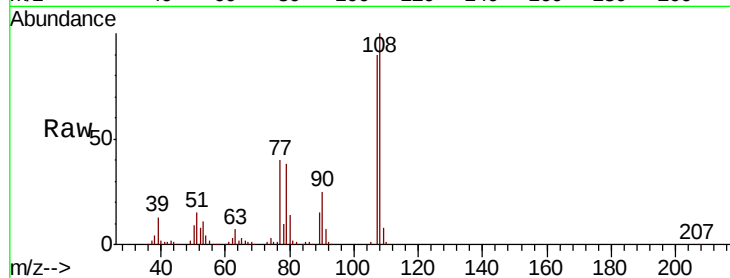
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 44.7 35.1 52.7

79 42.6 33.2 49.8

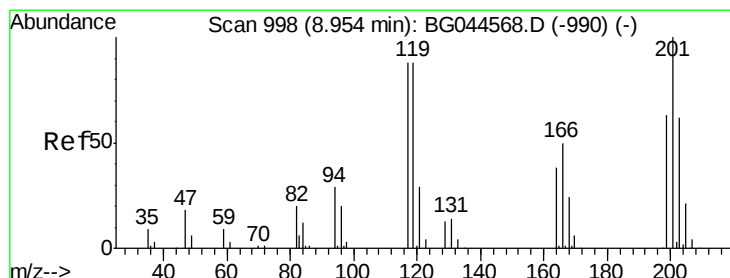
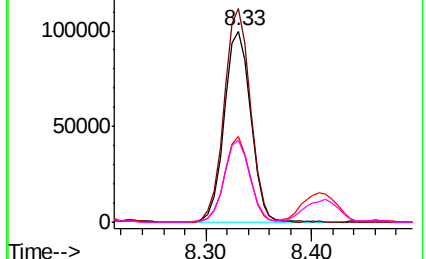
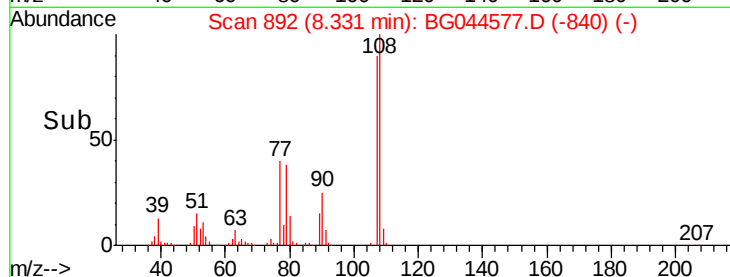


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.870 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

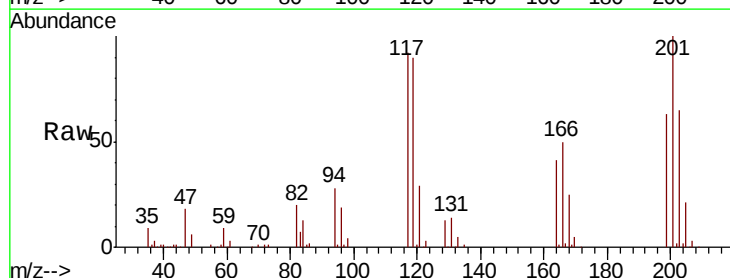
Tgt Ion:117 Resp: 75597

Ion Ratio Lower Upper

117 100

119 97.9 80.0 120.0

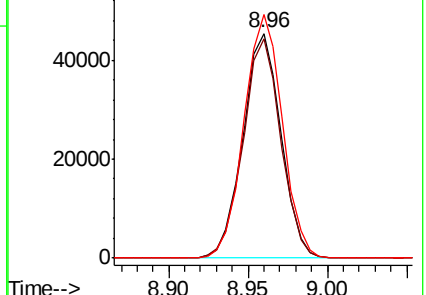
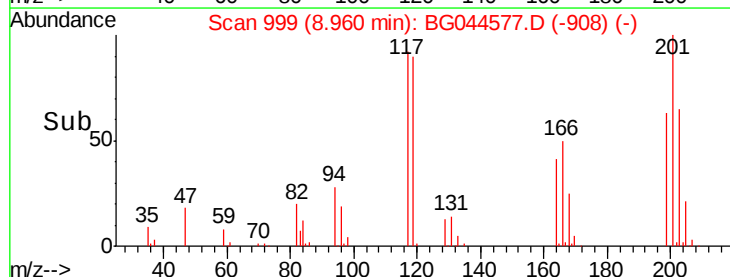
201 108.4 90.5 135.7

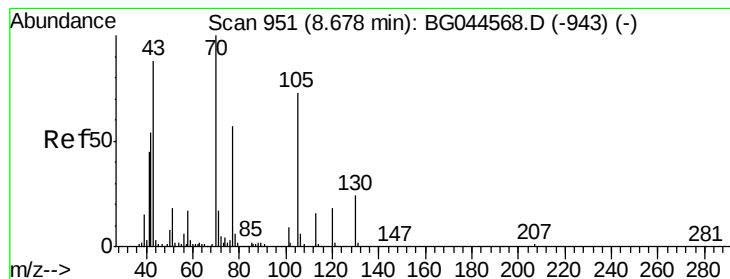


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.015 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 143301

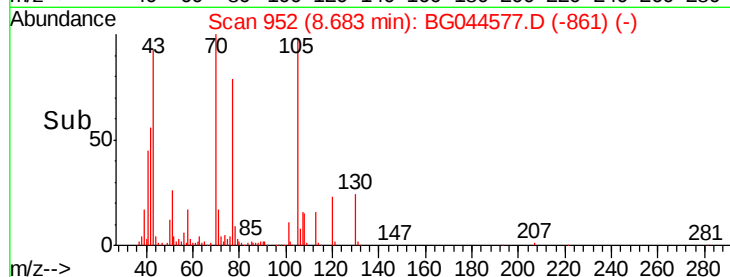
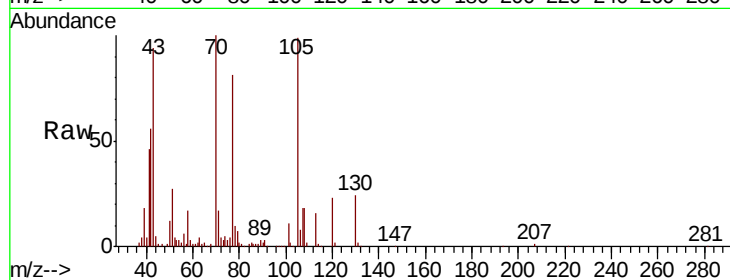
Ion Ratio Lower Upper

70 100

42 56.4 43.4 65.0

101 10.8 7.5 11.3

130 24.1 18.9 28.3

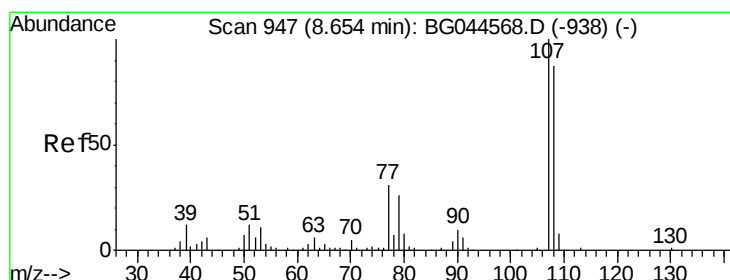
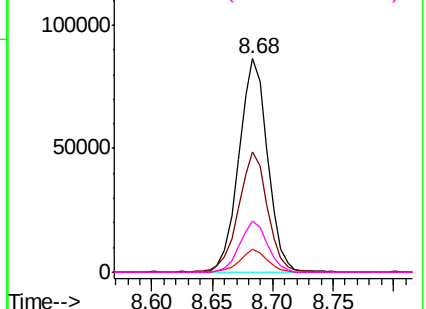


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 43.597 ng

RT: 8.66 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion: 107 Resp: 236119

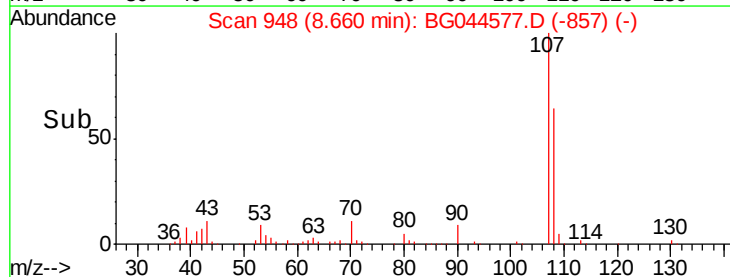
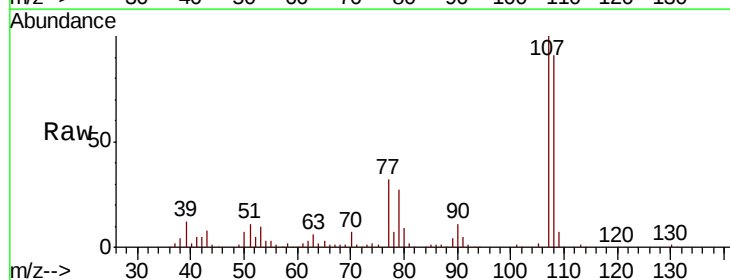
Ion Ratio Lower Upper

107 100

108 90.8 67.5 107.5

77 32.4 11.3 51.3

79 27.5 6.4 46.4

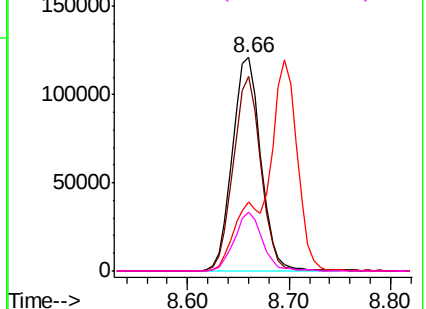


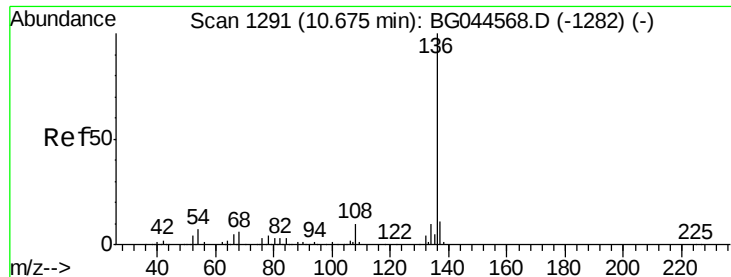
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 284476

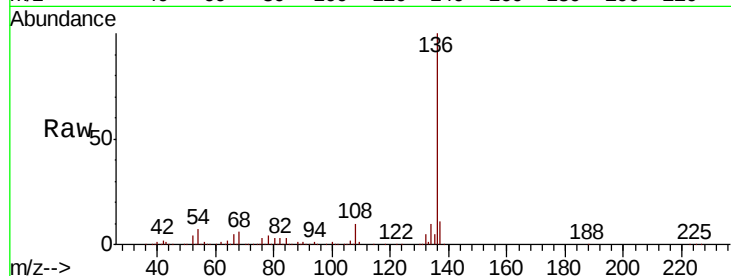
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.1 5.7 8.5

68 6.2 4.5 6.7

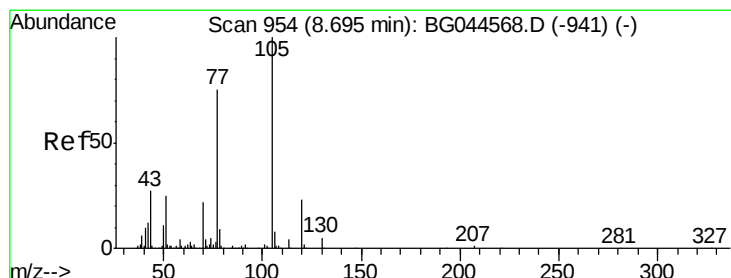
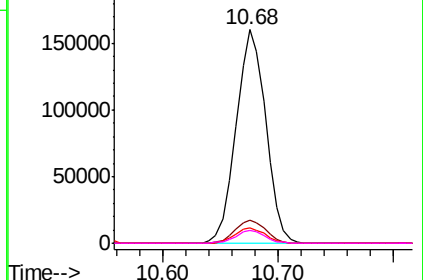
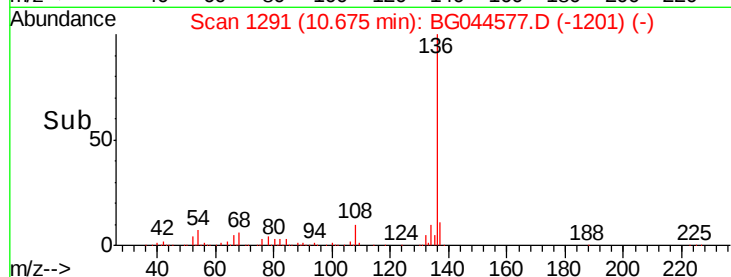


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.510 ng

RT: 8.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:105 Resp: 275051

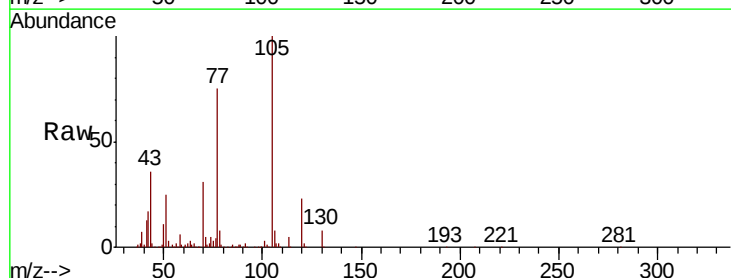
Ion Ratio Lower Upper

105 100

71 5.0 2.8 4.2#

51 25.0 19.9 29.9

120 23.1 18.6 28.0

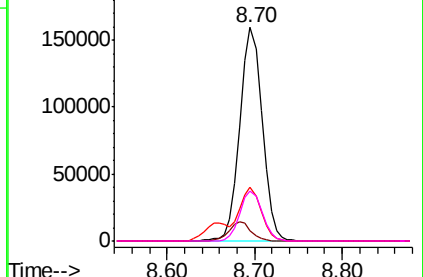
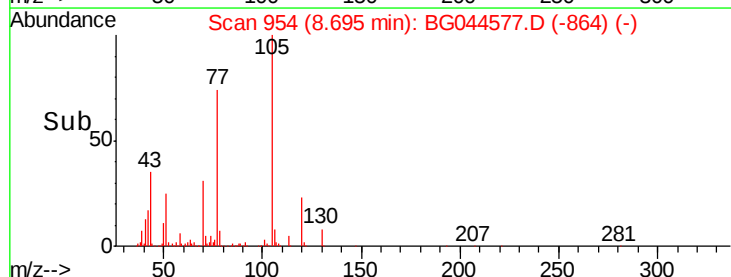


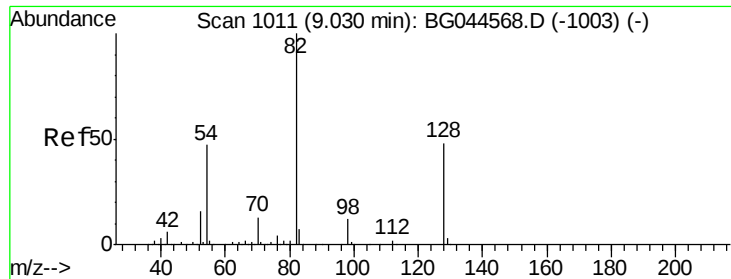
Abundance Ion 105.00 (104.70 to 105.70): E

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

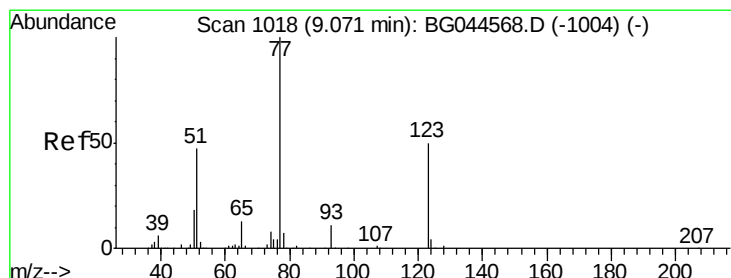
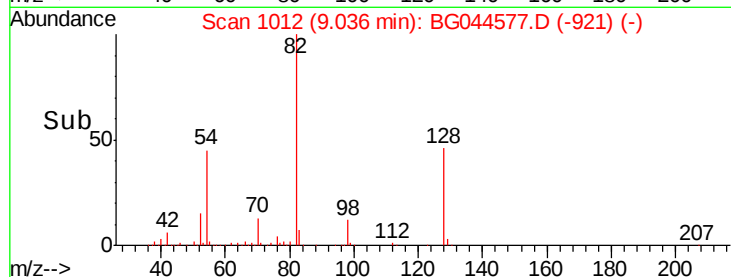
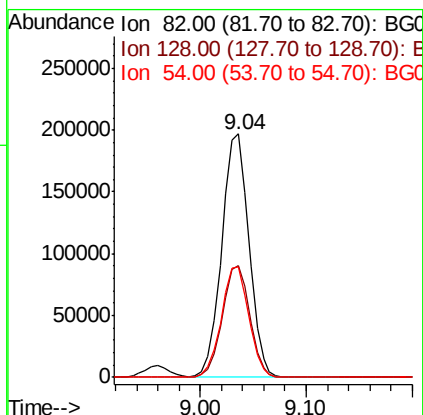
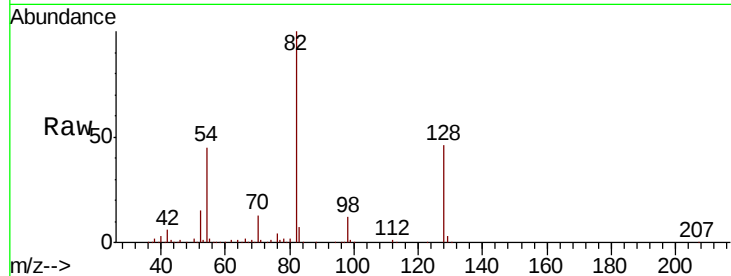




#23
Nitrobenzene-d5
Concen: 63.831 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

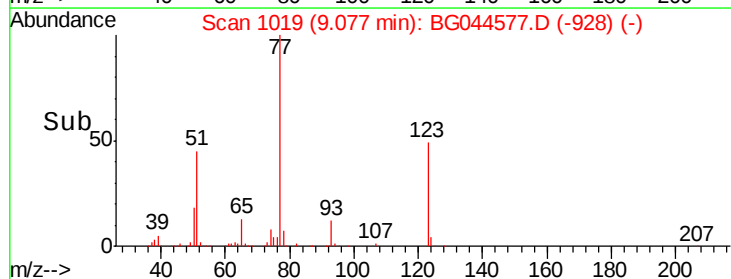
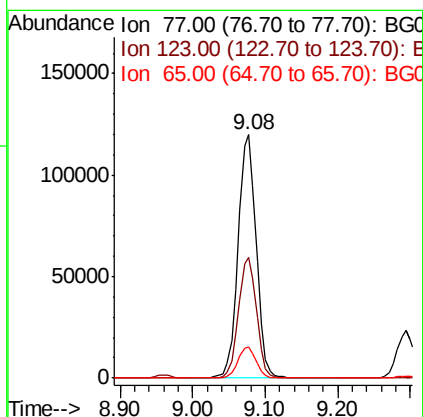
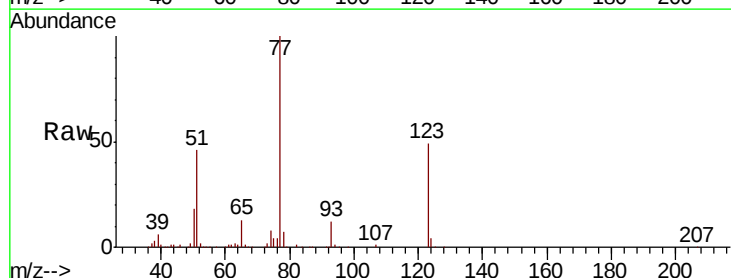
Instrument :
BNA_G
ClientSampled :

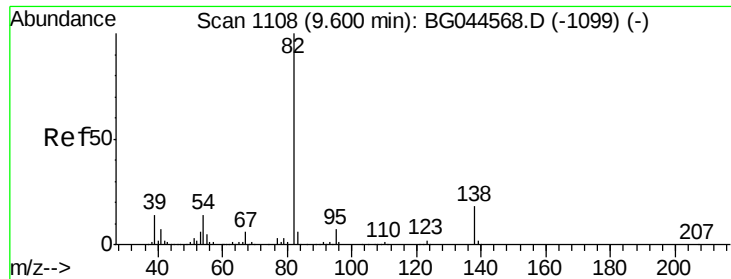
Tot Ion	82	Resp	352466
Ion Ratio	100	Lower	Upper
128	45.9	38.1	57.1
54	45.3	37.5	56.3



#24
Nitrobenzene
Concen: 38.843 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	77	Resp	207800
Ion Ratio	100	Lower	Upper
123	49.4	40.1	60.1
65	12.7	10.4	15.6





#25

Isophorone

Concen: 38.990 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

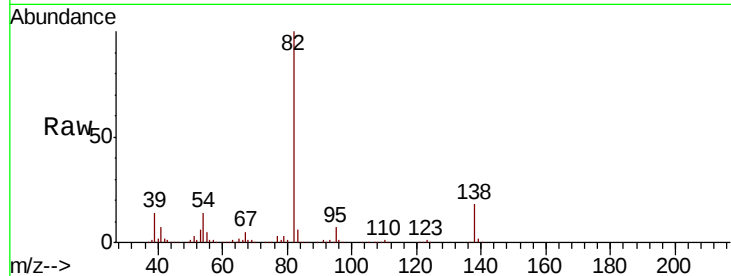
Tot Ion: 82 Resp: 402759

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

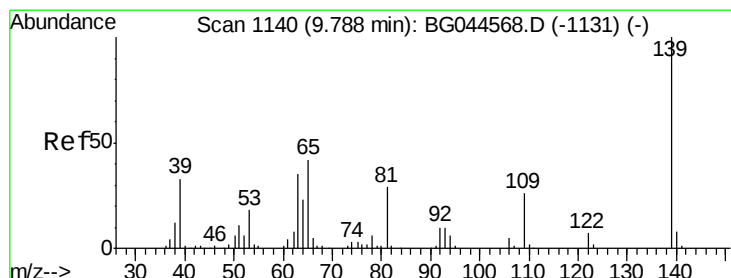
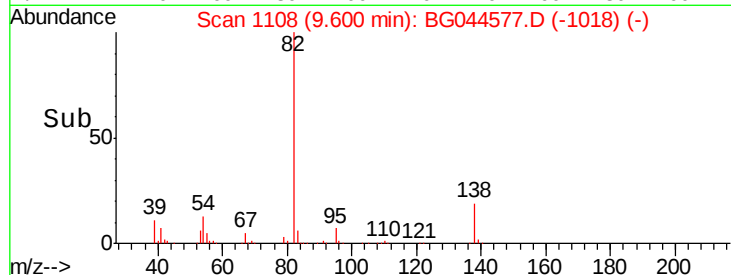
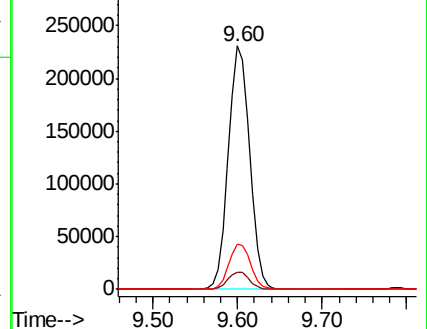
138 18.5 14.7 22.1



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: 40.682 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

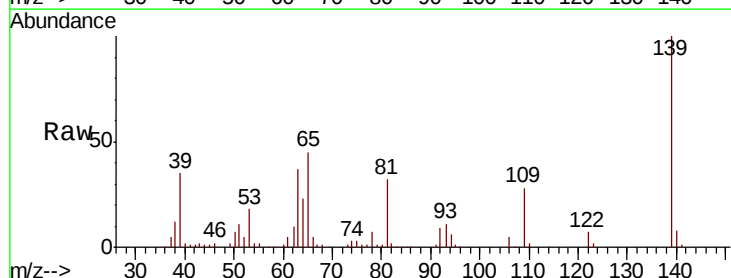
Tgt Ion: 139 Resp: 118030

Ion Ratio Lower Upper

139 100

109 27.6 20.6 31.0

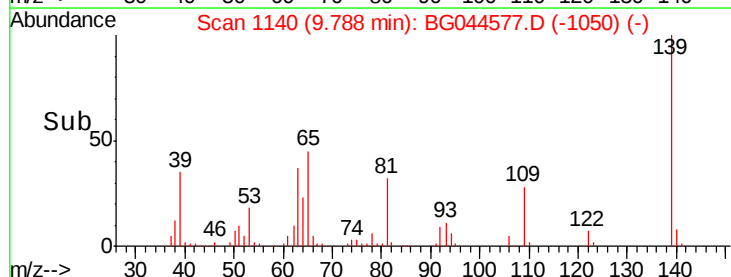
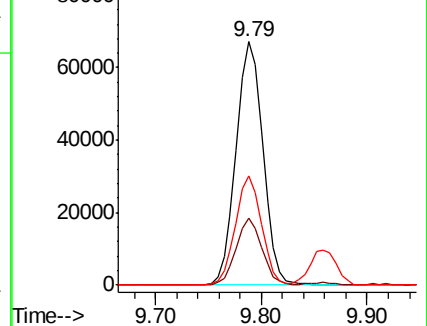
65 44.7 33.3 49.9

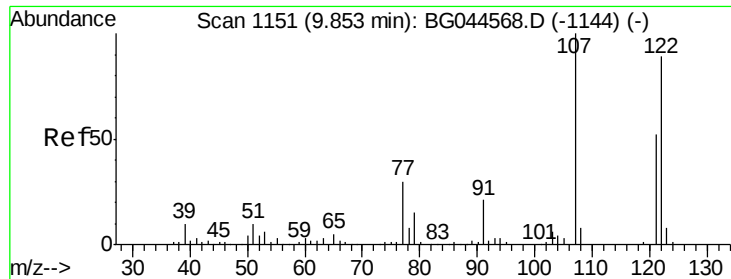


Abundance Ion 139.00 (138.70 to 139.70): BG044568.D (-1131) (-)

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

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

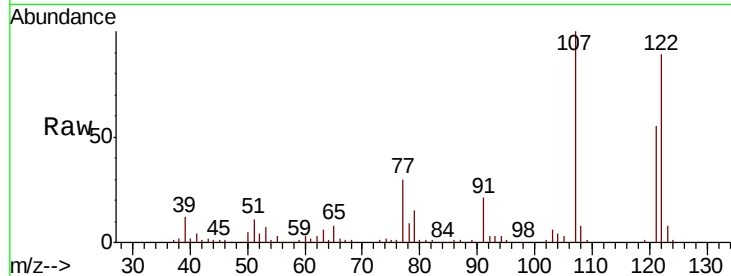




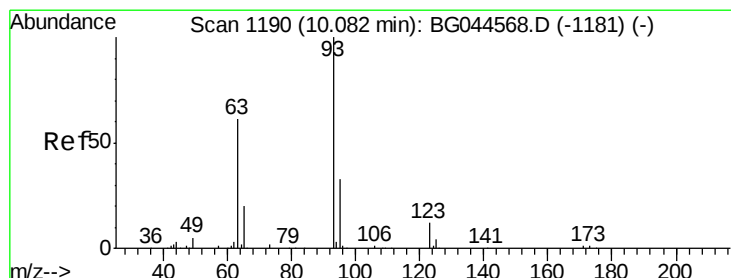
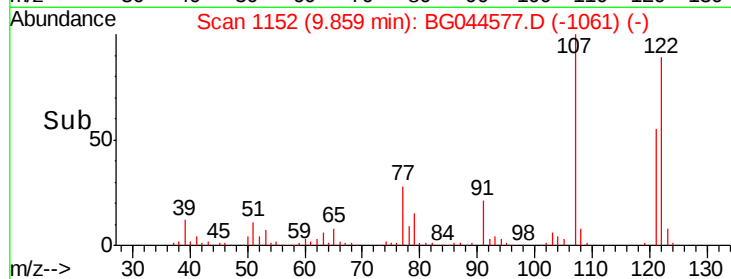
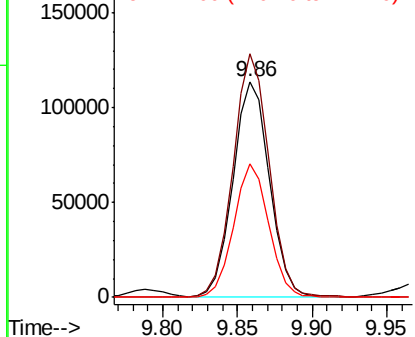
#27
 2,4-Dimethylphenol
 Concen: 47.046 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.4	134.0
121	61.8	46.5	69.7

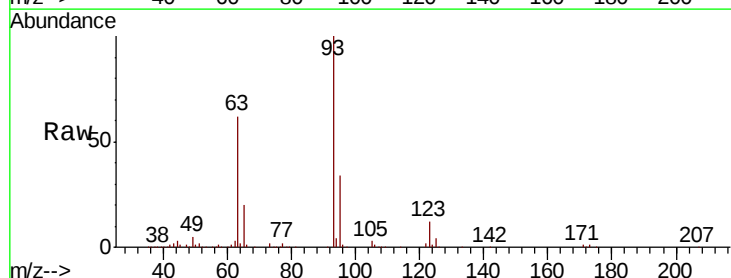


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

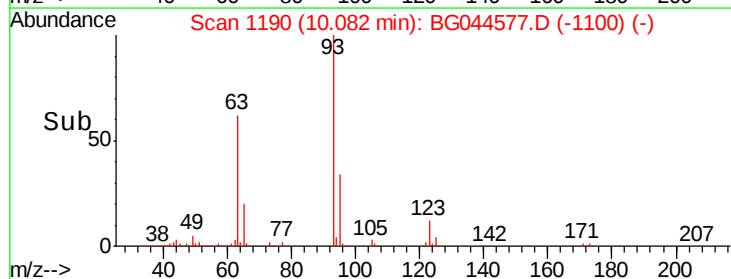
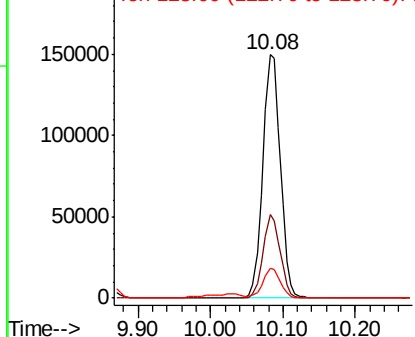


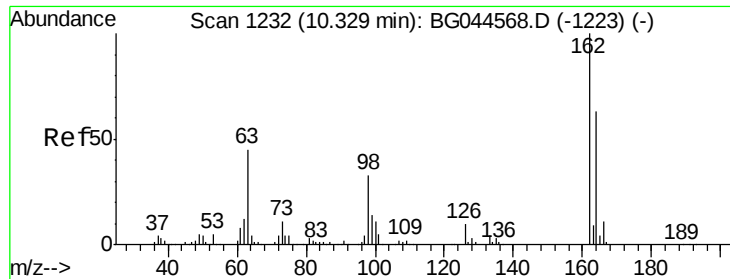
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.922 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	26.5	39.7
123	12.1	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

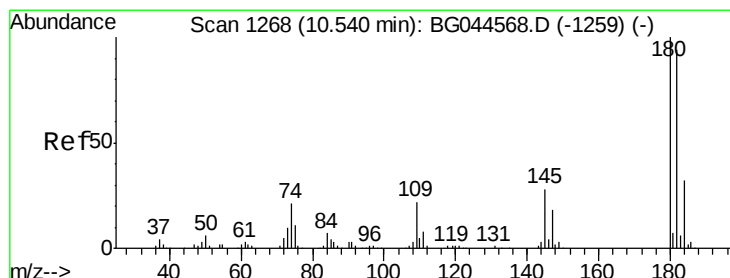
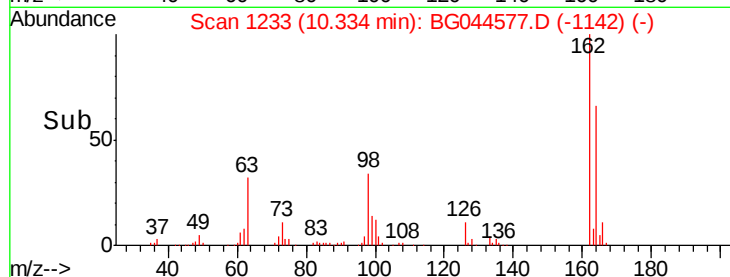
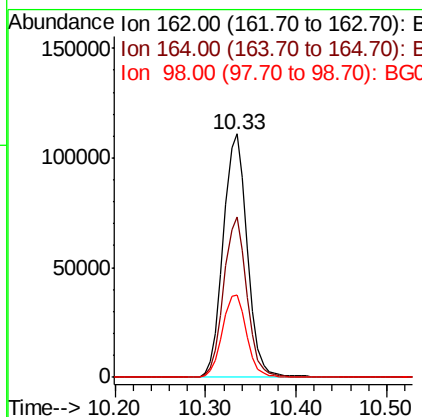
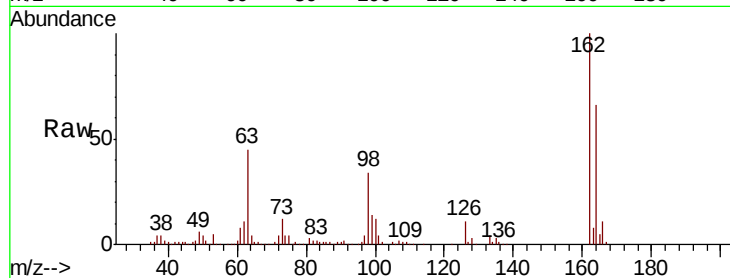




#29
 2,4-Dichlorophenol
 Concen: 42.002 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

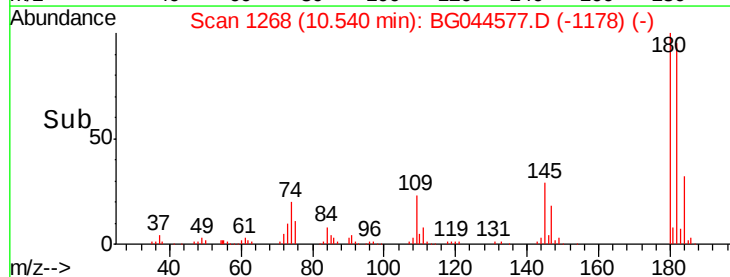
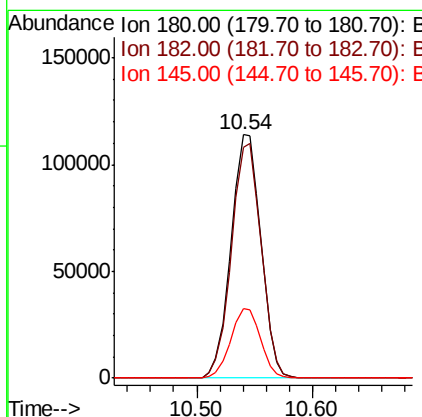
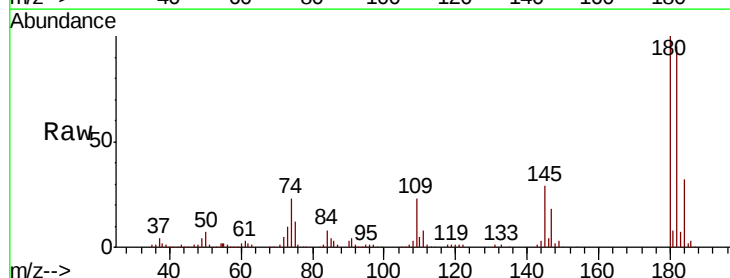
Instrument :
 BNA_G
 ClientSampled :

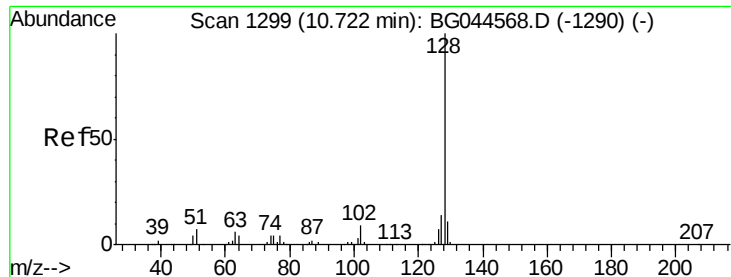
Tot Ion	162	Resp	204560
Ion Ratio	100	Lower	Upper
162	100		
164	65.7	43.2	83.2
98	33.9	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.305 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	180	Resp	204484
Ion Ratio	100	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	28.8	22.2	33.2

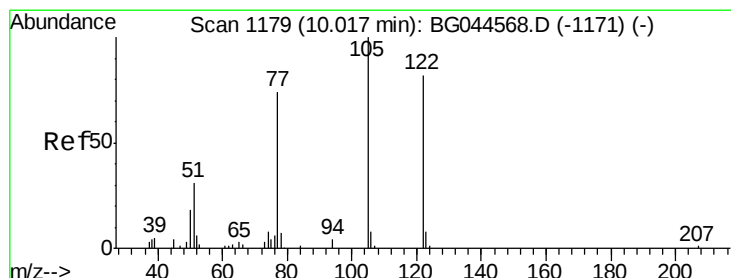
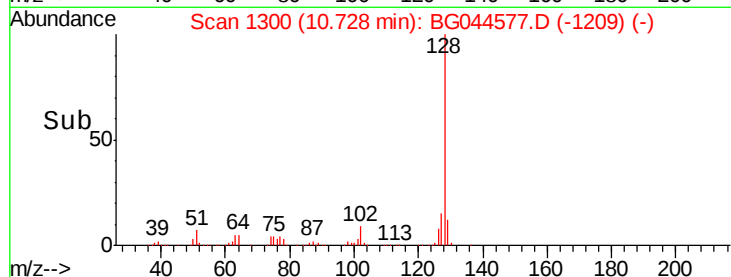
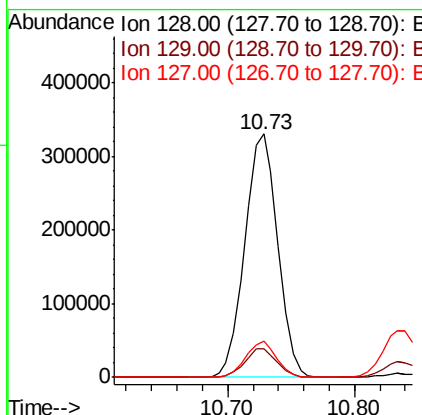
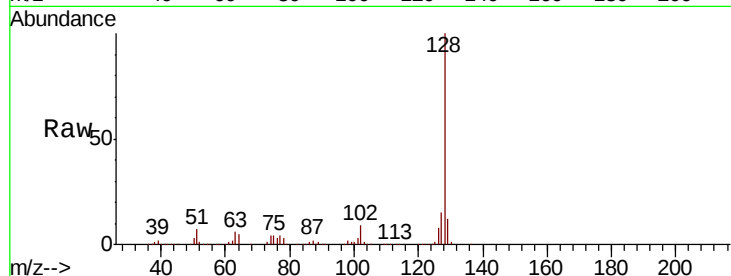




#31
Naphthalene
Concen: 38.284 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

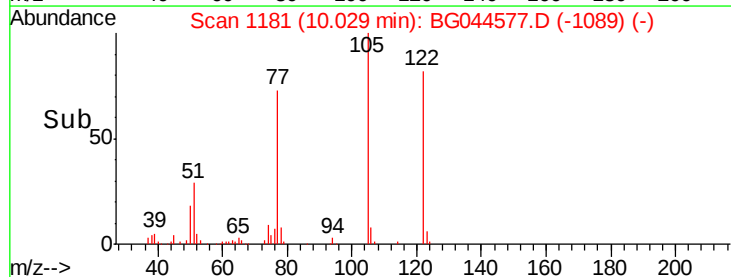
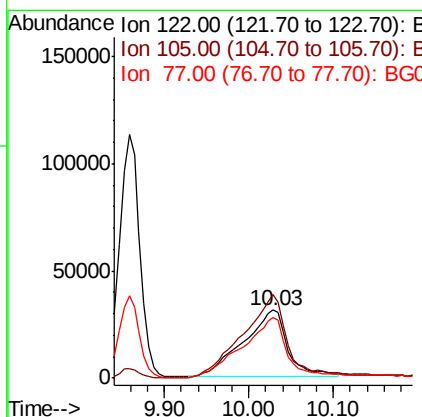
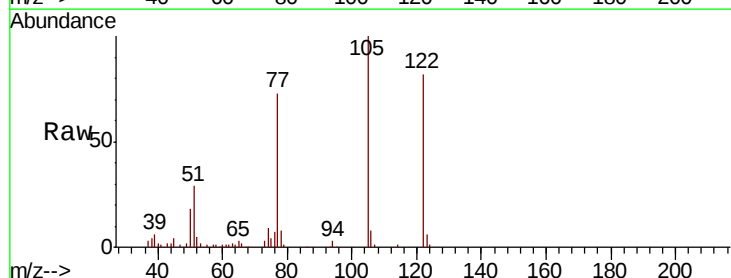
Instrument :
BNA_G
ClientSampleId :

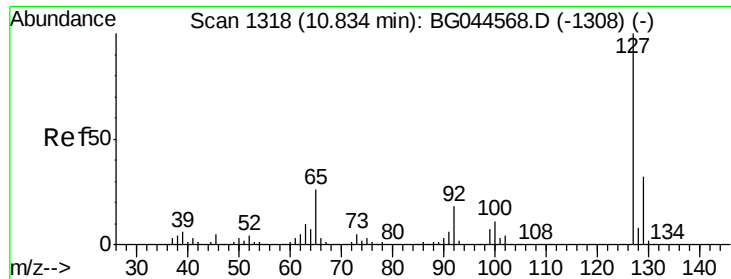
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.8	11.0	16.4



#32
Benzoic acid
Concen: 61.489 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	101.4	141.4
77	89.1	69.8	109.8

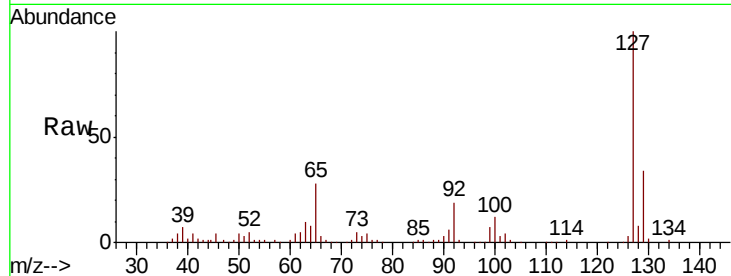




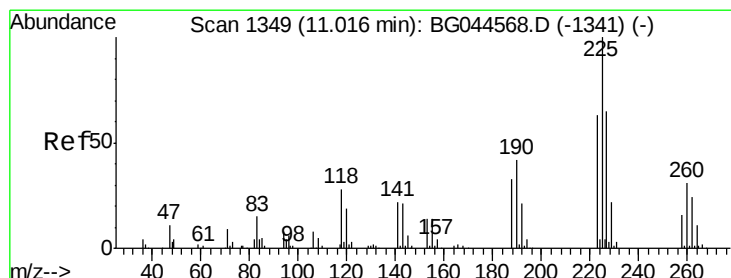
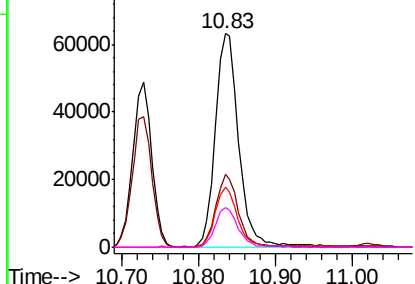
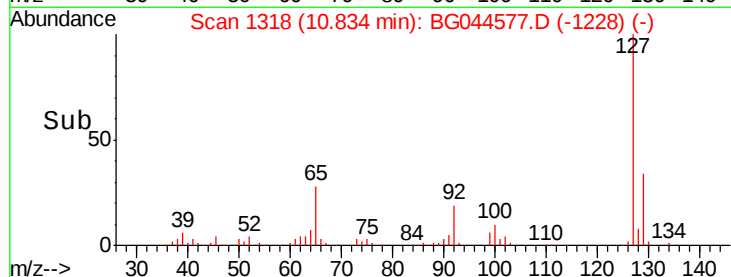
#33
4-Chloroaniline
Concen: 19.451 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	132983
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	28.2	20.7	31.1
92	18.6	14.2	21.2

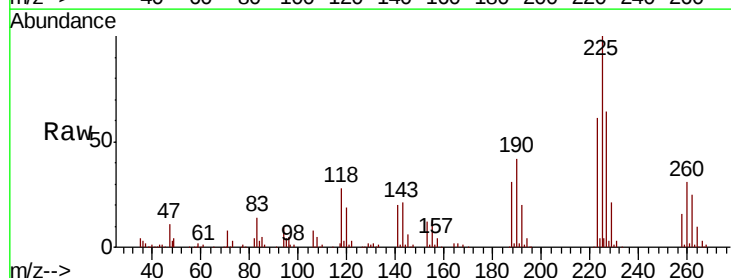


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

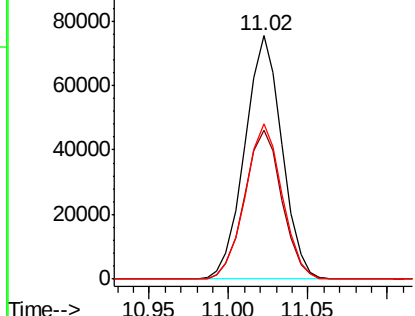
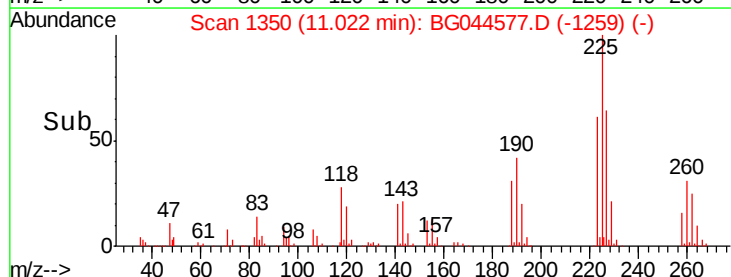


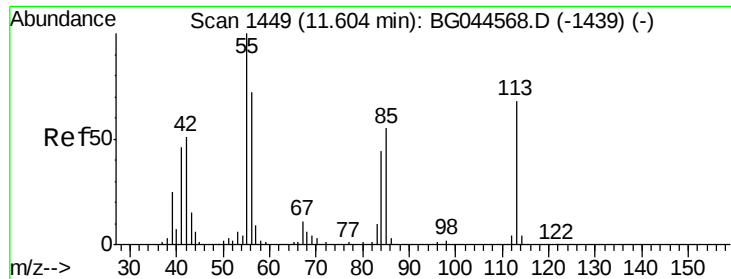
#34
Hexachlorobutadiene
Concen: 34.646 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion:	225	Resp:	122548
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.7	52.1	78.1



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





#35

Caprolactam

Concen: 22.203 ng

RT: 11.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

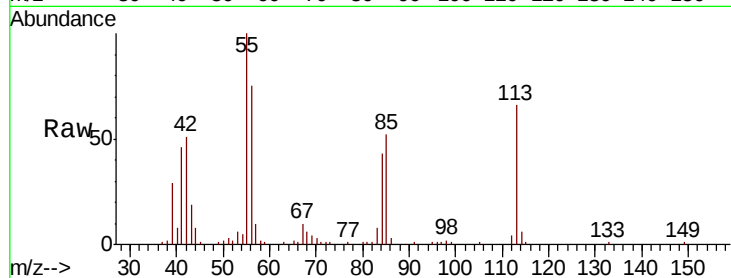
Tot Ion:113 Resp: 38710

Ion Ratio Lower Upper

113 100

55 150.5 127.8 167.8

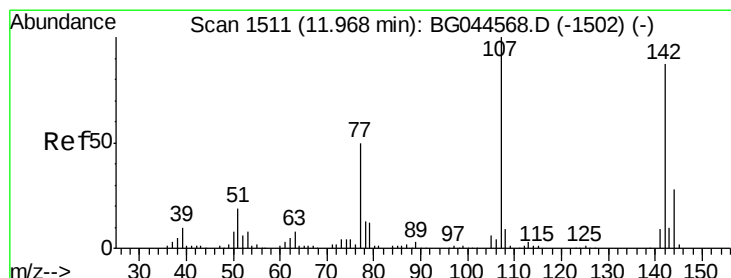
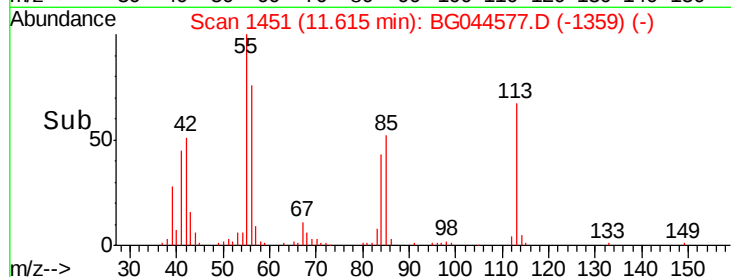
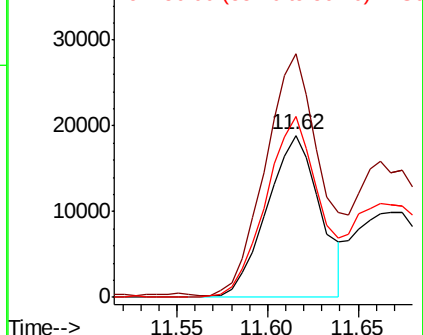
56 112.1 86.9 126.9



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: 42.078 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

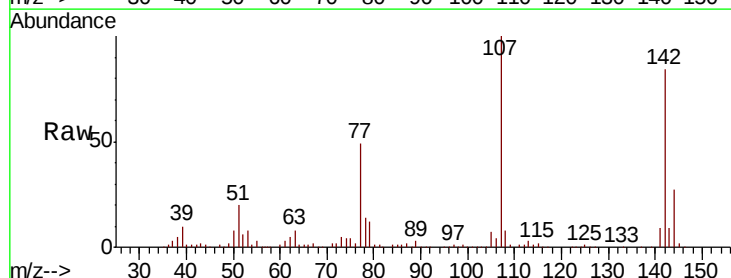
Tgt Ion:107 Resp: 210947

Ion Ratio Lower Upper

107 100

144 26.9 22.3 33.5

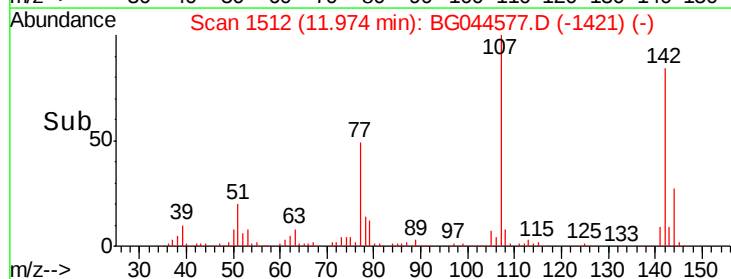
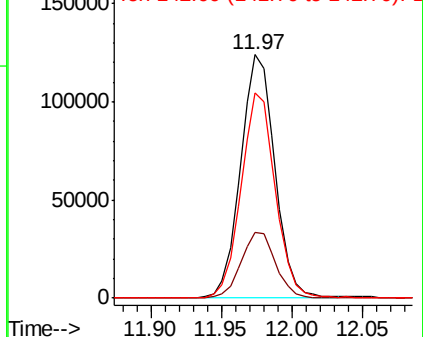
142 84.0 69.3 103.9

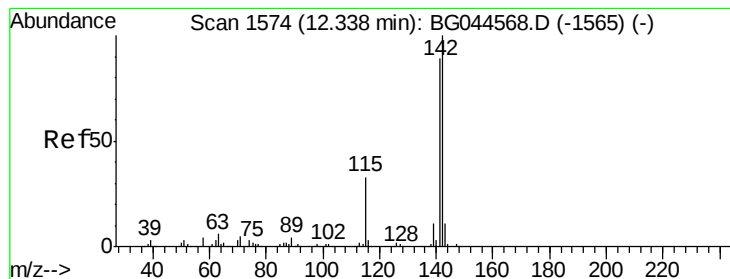


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.676 ng

RT: 12.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

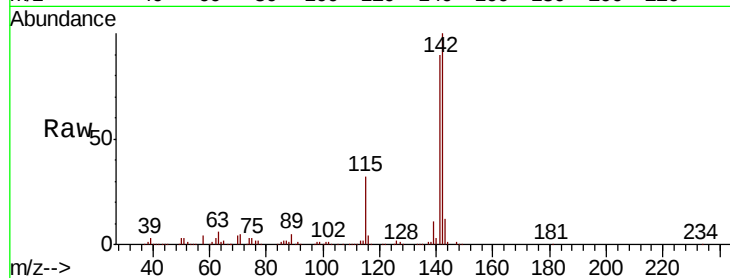
Tot Ion:142 Resp: 443701

Ion Ratio Lower Upper

142 100

141 90.1 71.3 106.9

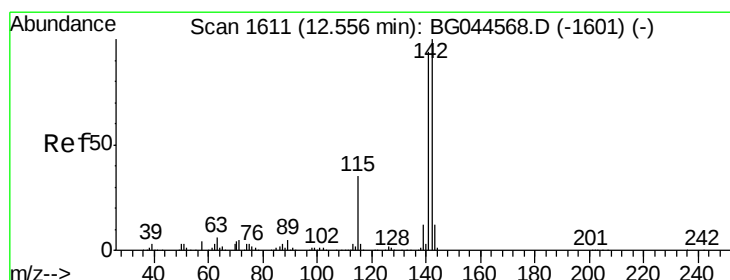
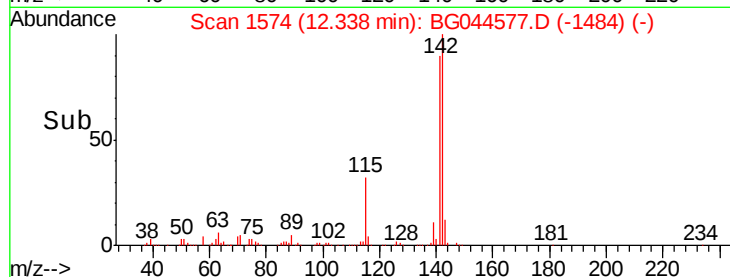
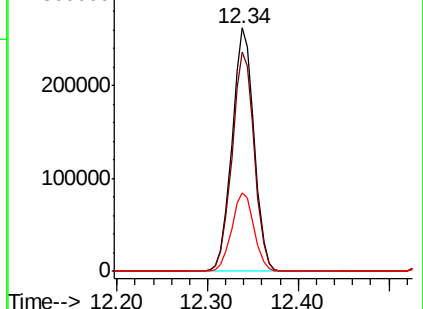
115 32.4 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.447 ng

RT: 12.56 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

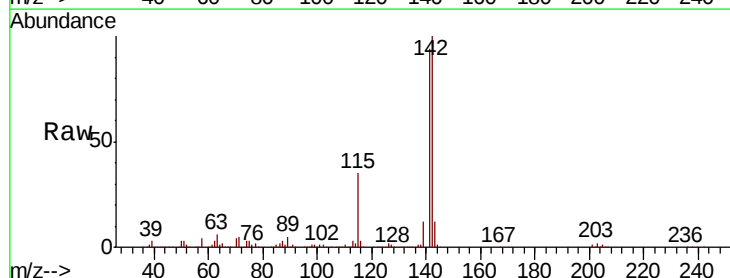
Tgt Ion:142 Resp: 419112

Ion Ratio Lower Upper

142 100

141 94.2 75.1 112.7

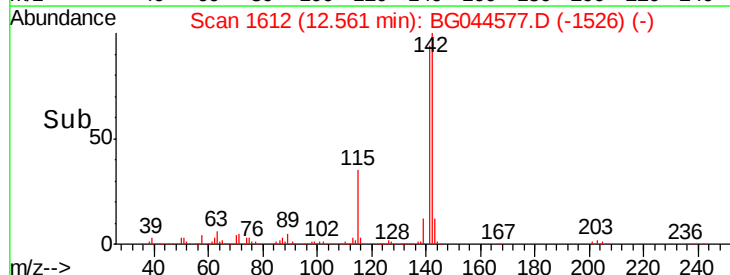
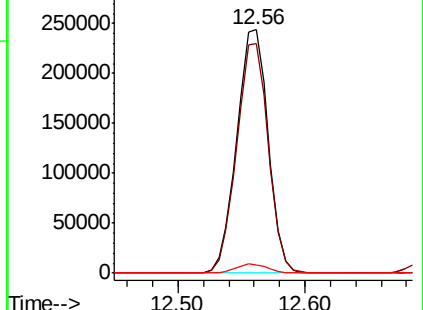
116 3.3 2.6 4.0

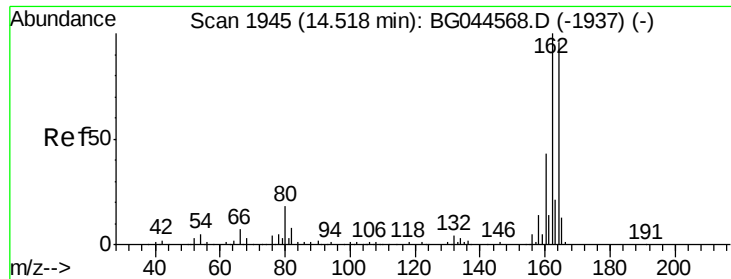


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

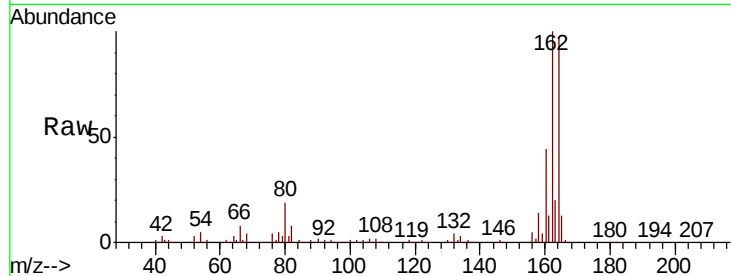
Tot Ion:164 Resp: 190534

Ion Ratio Lower Upper

164 100

162 103.2 83.6 125.4

160 45.0 36.2 54.4

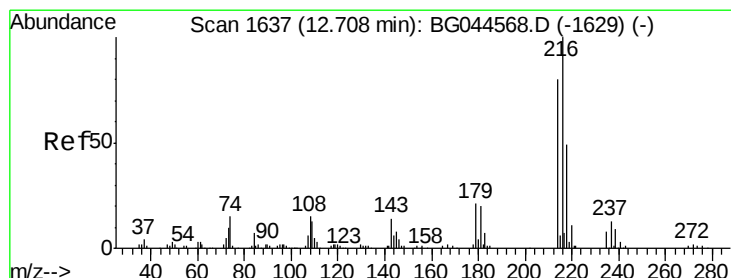
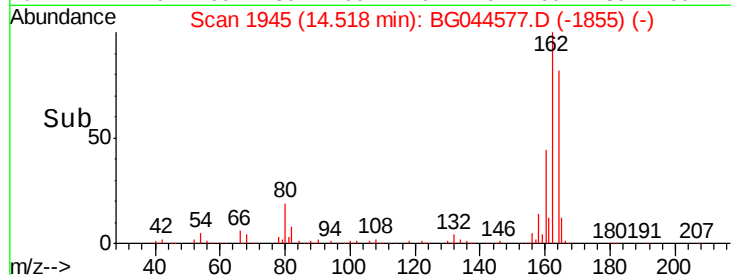
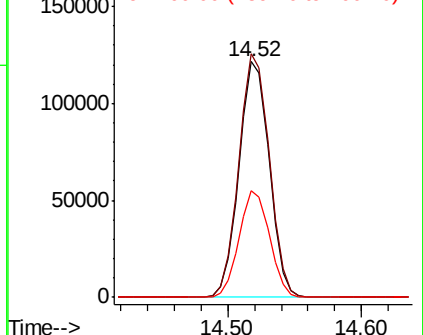


Abundance

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: 35.291 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:216 Resp: 226371

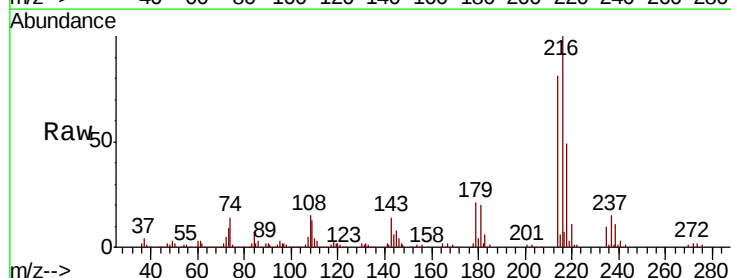
Ion Ratio Lower Upper

216 100

214 79.7 63.3 94.9

179 20.6 16.2 24.2

108 17.0 12.6 18.8



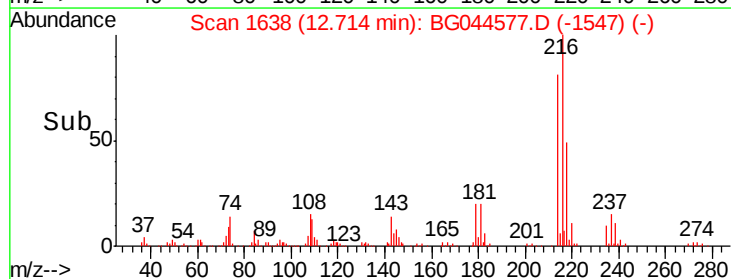
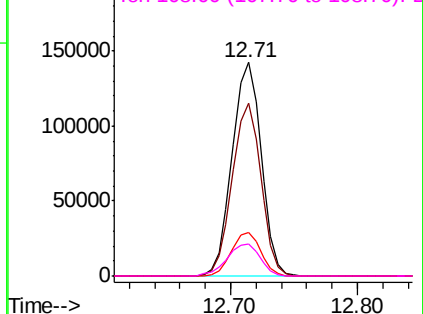
Abundance

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: 60.731 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

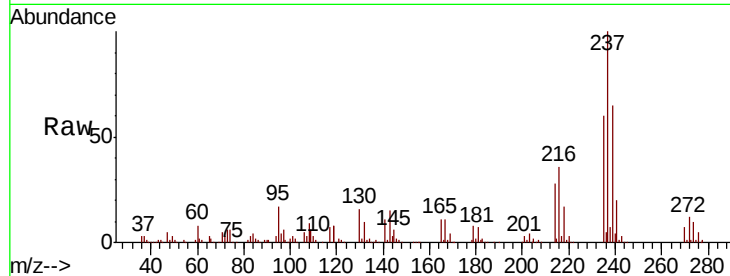
Tot Ion:237 Resp: 178577

Ion Ratio Lower Upper

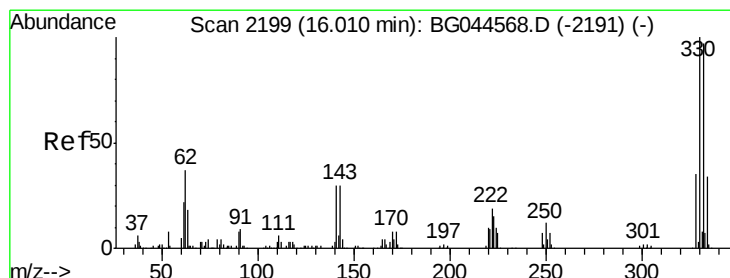
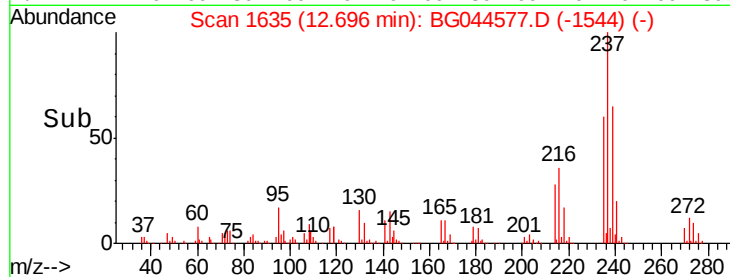
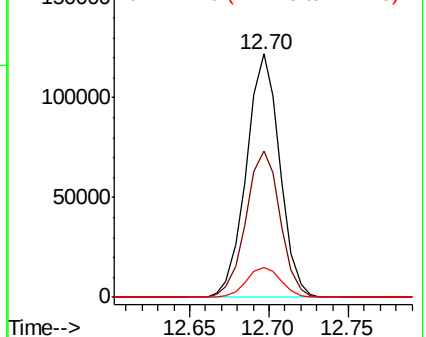
237 100

235 60.2 40.7 80.7

272 12.3 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: 110.958 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

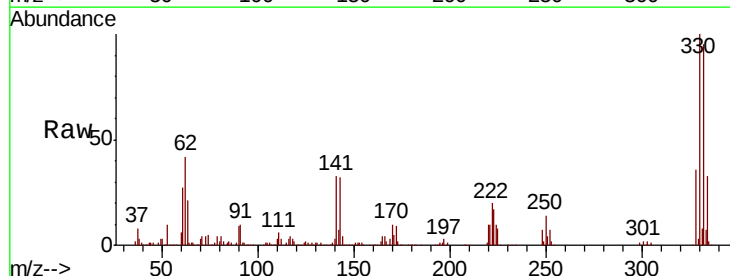
Tgt Ion:330 Resp: 299766

Ion Ratio Lower Upper

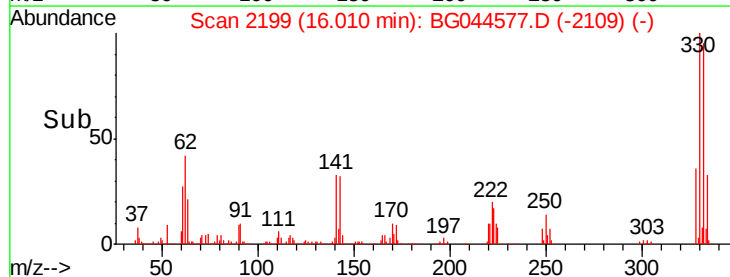
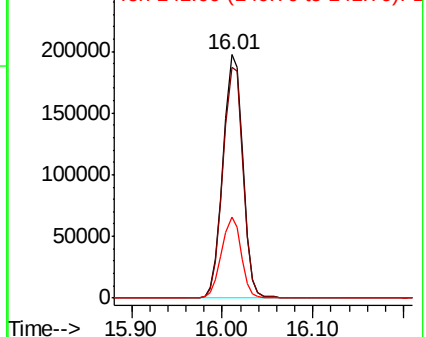
330 100

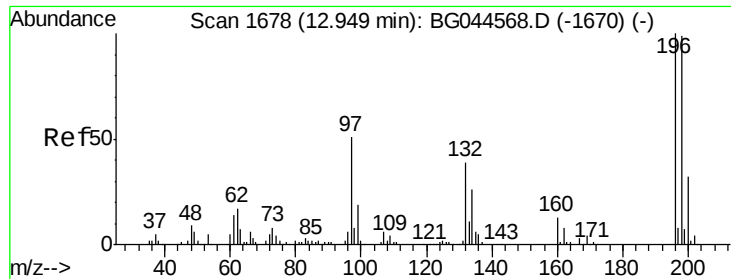
332 96.4 77.4 116.0

141 32.9 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

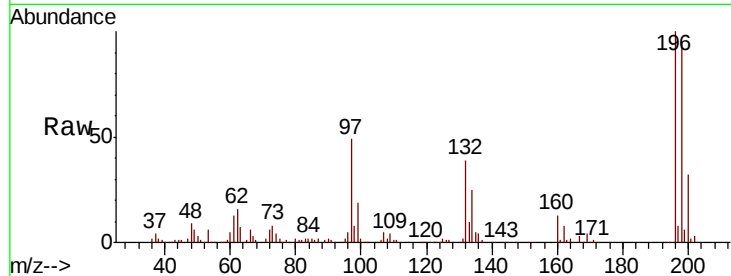




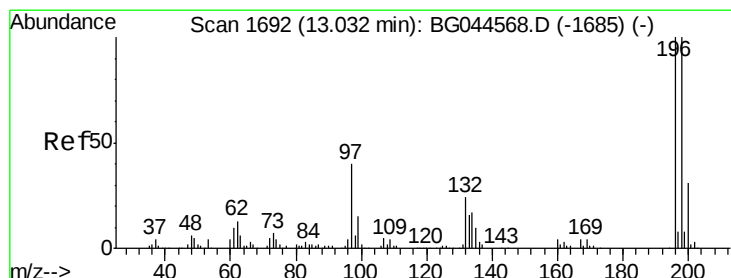
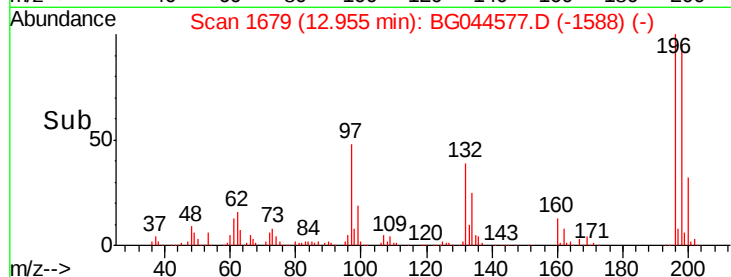
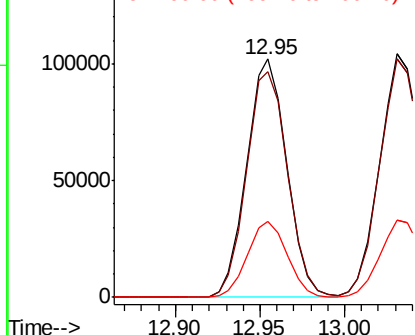
#43
 2,4,6-Trichlorophenol
 Concen: 40.550 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 168884
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.2 118.8
 200 31.7 25.7 38.5



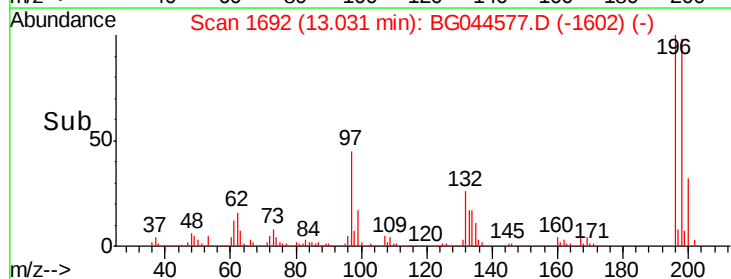
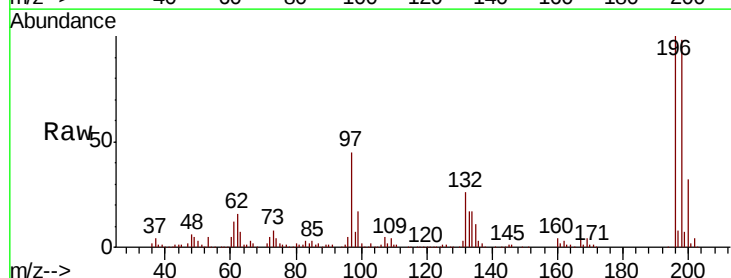
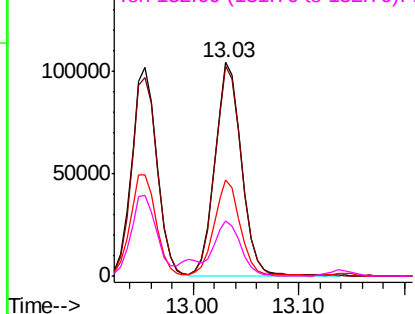
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

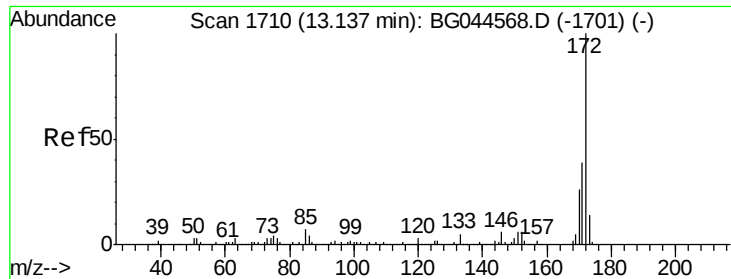


#44
 2,4,5-Trichlorophenol
 Concen: 42.507 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion:196 Resp: 181859
 Ion Ratio Lower Upper
 196 100
 198 98.2 79.3 118.9
 97 44.8 32.3 48.5
 132 26.1 19.1 28.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

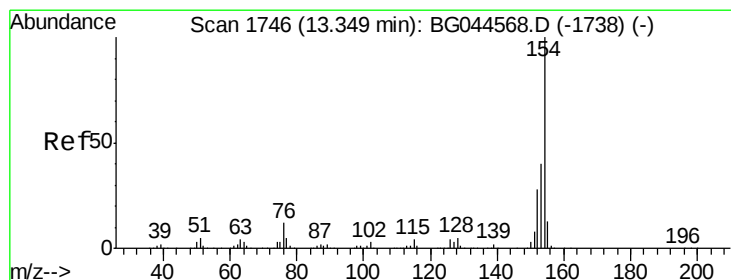
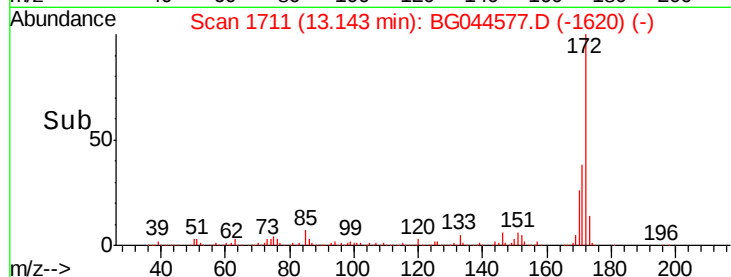
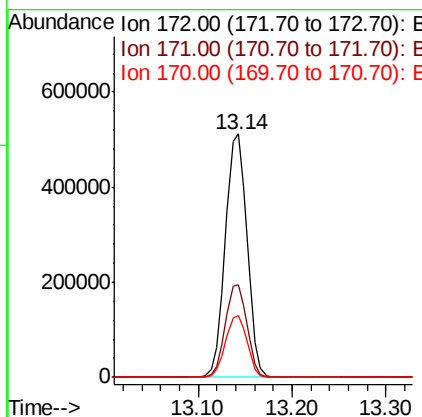
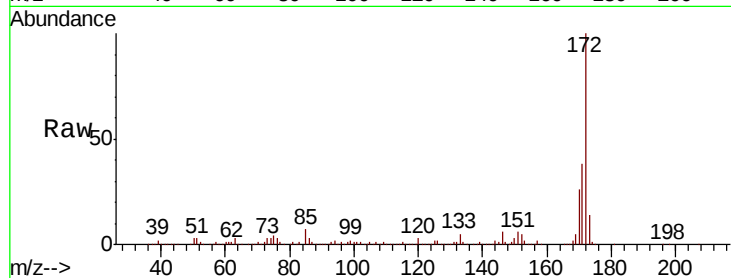




#45
 2-Fluorobiphenyl
 Concen: 61.667 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

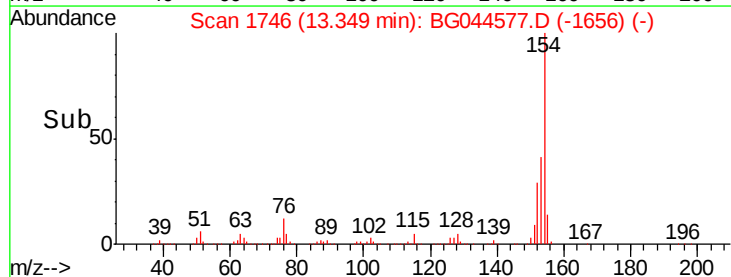
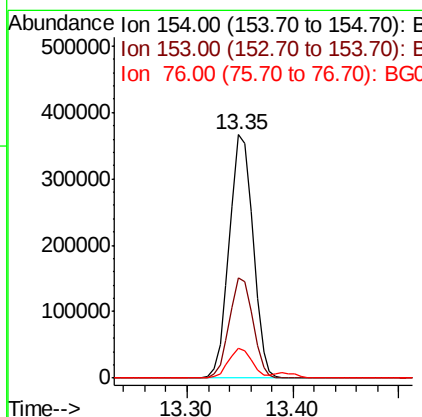
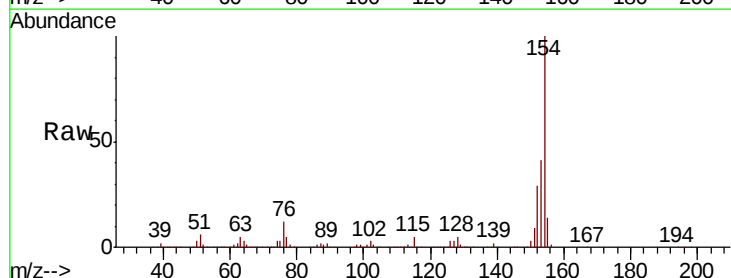
Instrument :
 BNA_G
 ClientSampleId :

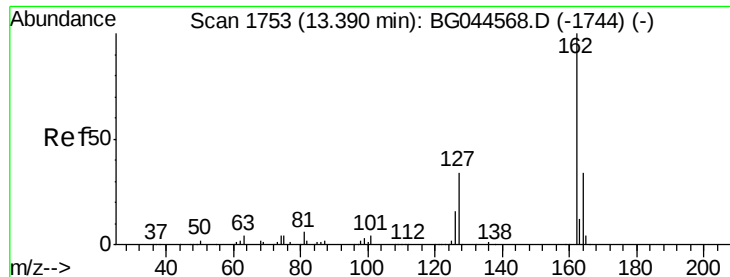
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.6	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 36.064 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	12.0	0.0	31.8

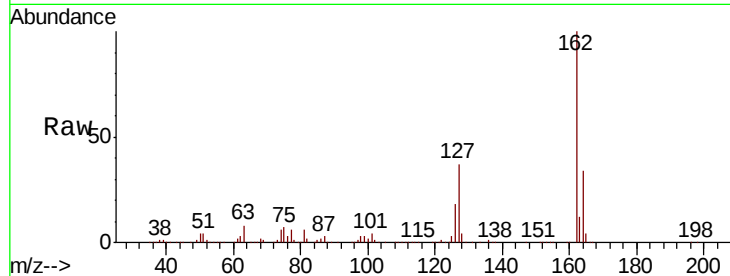




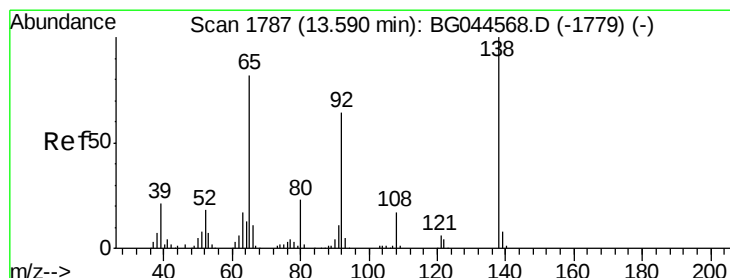
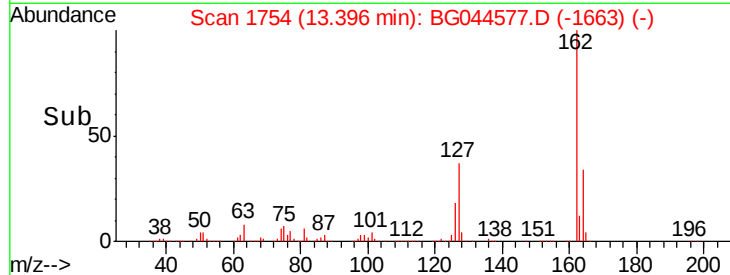
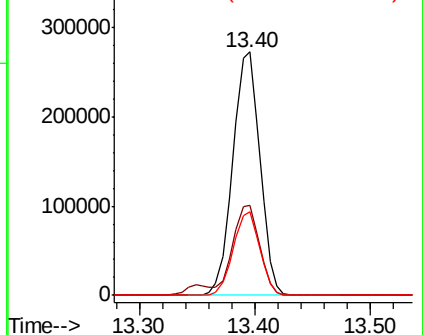
#47
2-Chloronaphthalene
Concen: 35.942 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 444400
Ion Ratio Lower Upper
162 100
127 36.9 28.7 43.1
164 34.2 27.3 40.9

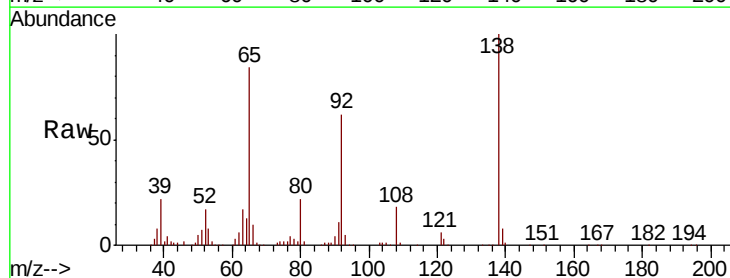


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

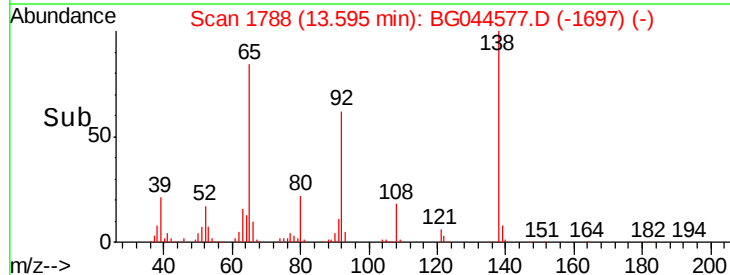
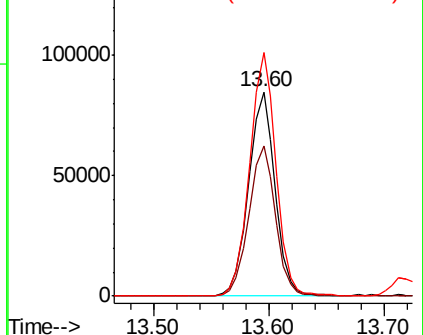


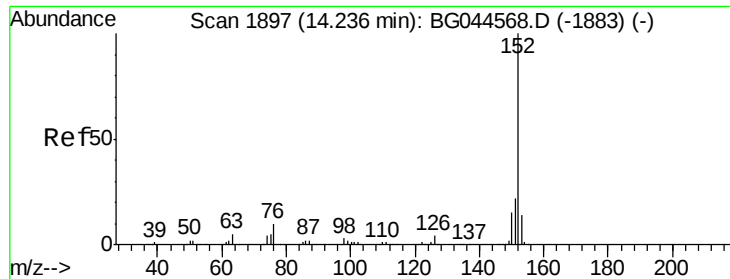
#48
2-Nitroaniline
Concen: 39.587 ng
RT: 13.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion: 65 Resp: 135868
Ion Ratio Lower Upper
65 100
92 73.8 62.2 93.2
138 119.4 97.6 146.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.601 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampled :

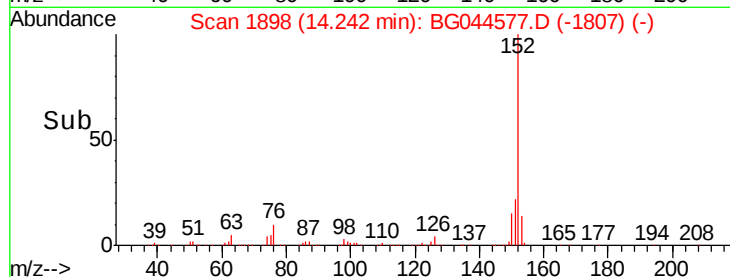
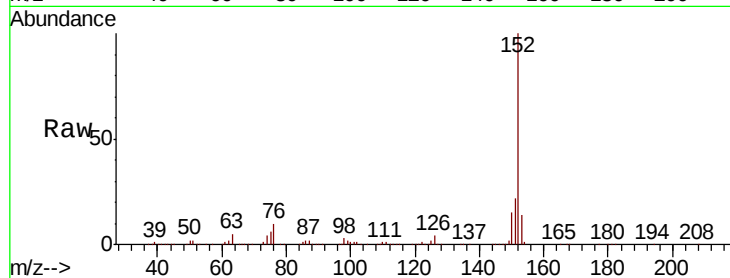
Tot Ion:152 Resp: 704514

Ion Ratio Lower Upper

152 100

151 22.0 17.7 26.5

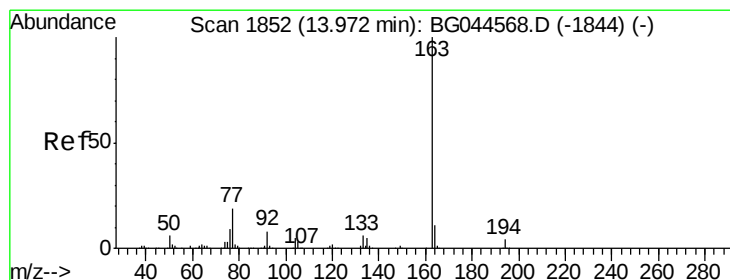
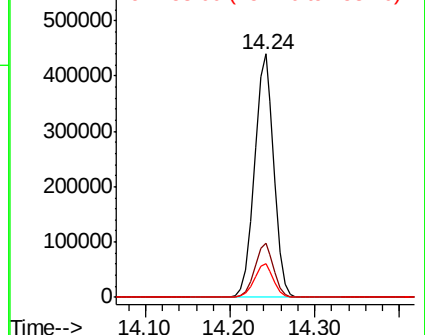
153 14.1 11.3 16.9



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: 38.110 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

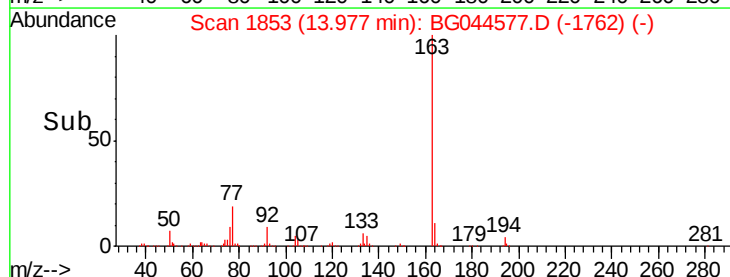
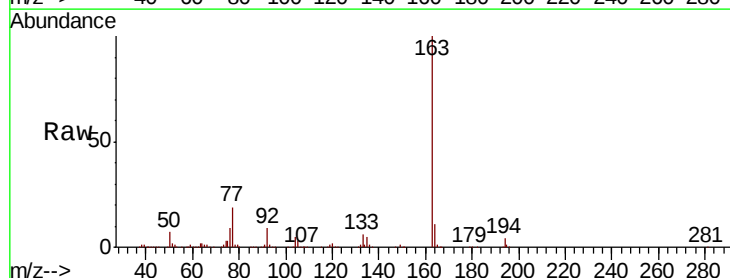
Tgt Ion:163 Resp: 586071

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

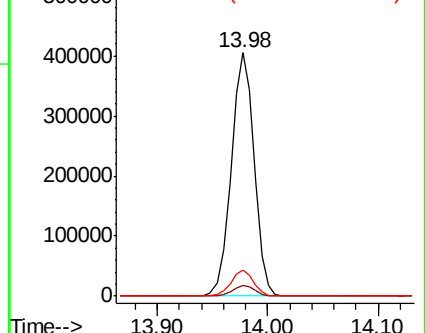
164 10.7 8.7 13.1

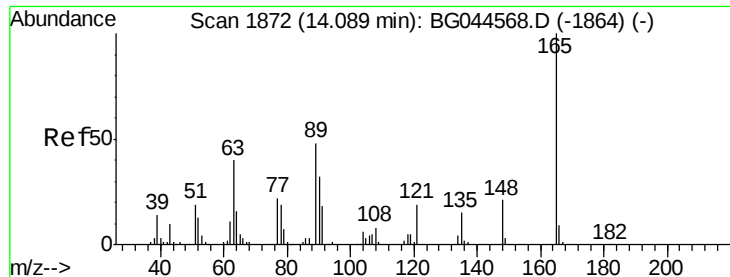


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

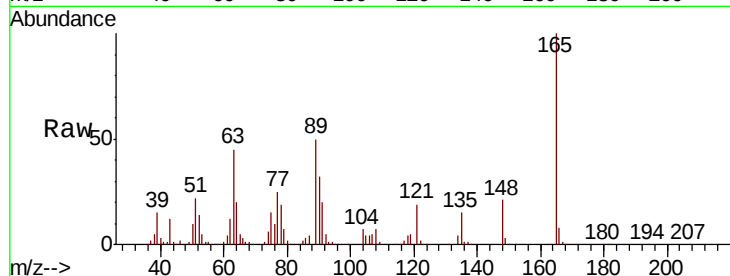




#51
 2,6-Dinitrotoluene
 Concen: 39.785 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	35.8	53.6
89	49.5	38.7	58.1

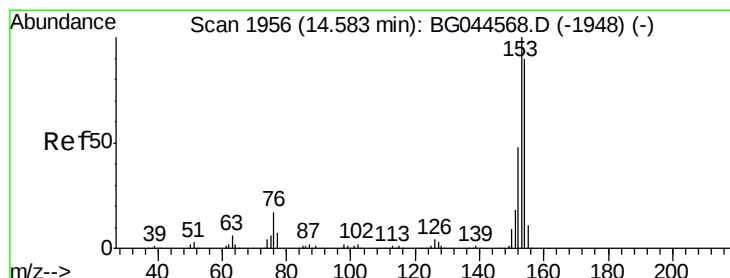
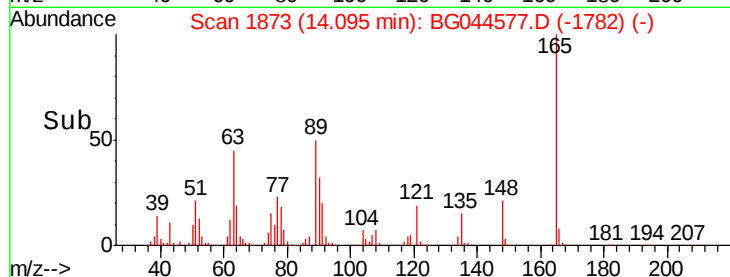
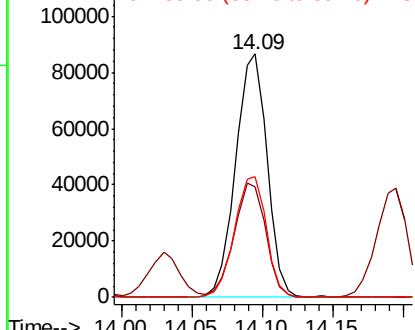


Abundance

Ion 165.00 (164.70 to 165.70): E

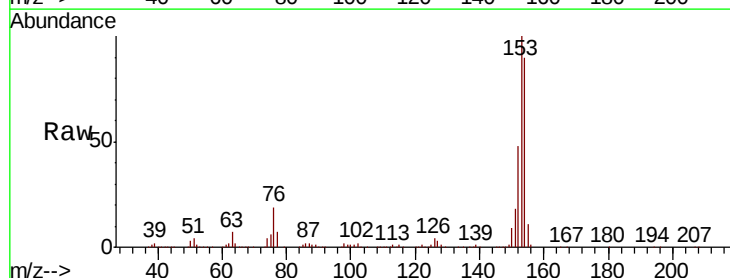
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
 Acenaphthene
 Concen: 37.059 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.4	134.0
152	53.6	43.0	64.4

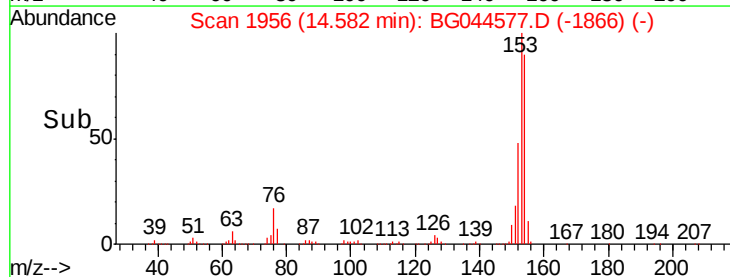
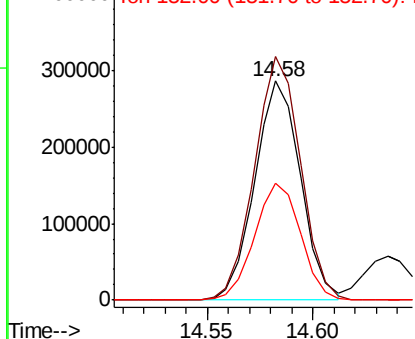


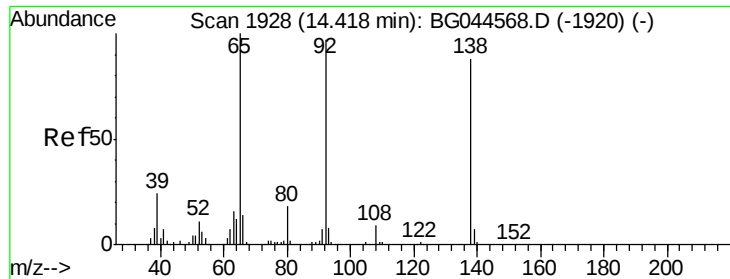
Abundance

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: 28.163 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampled :

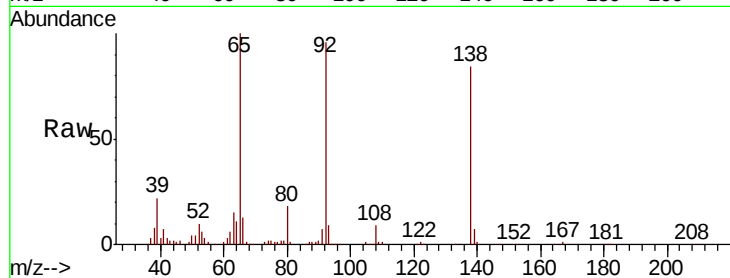
Tot Ion:138 Resp: 103019

Ion Ratio Lower Upper

138 100

108 10.8 7.9 11.9

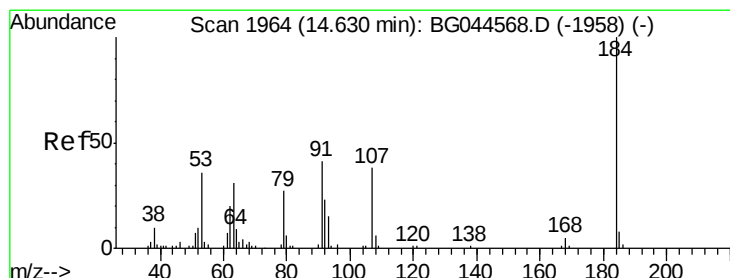
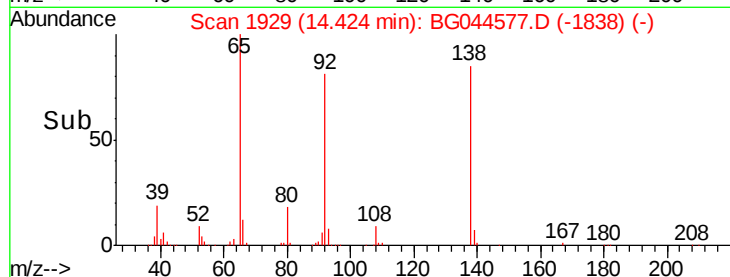
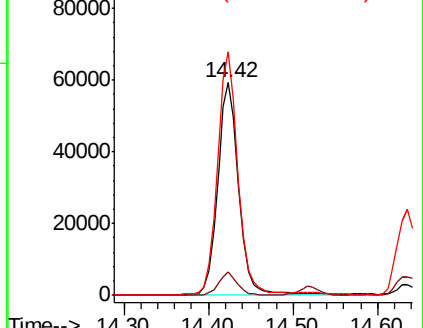
92 114.6 87.4 131.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 85.619 ng

RT: 14.64 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

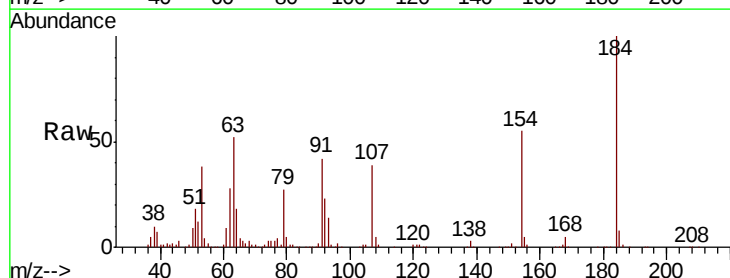
Tgt Ion:184 Resp: 174521

Ion Ratio Lower Upper

184 100

63 52.5 42.1 63.1

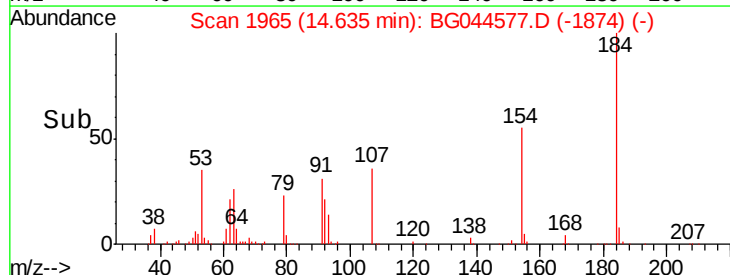
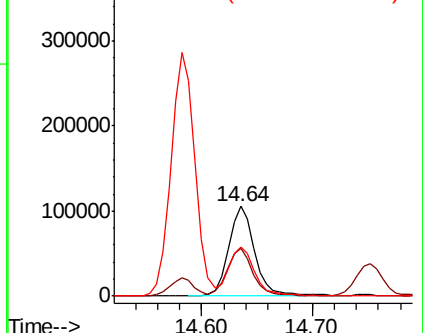
154 55.1 43.4 65.2

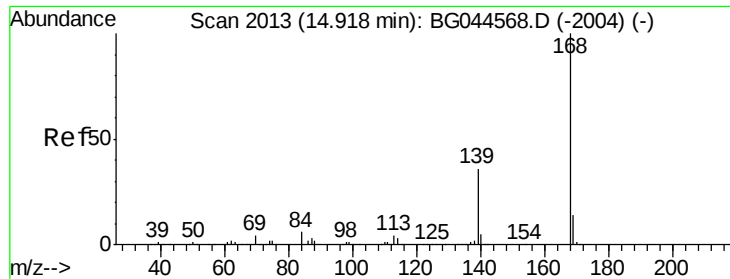


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

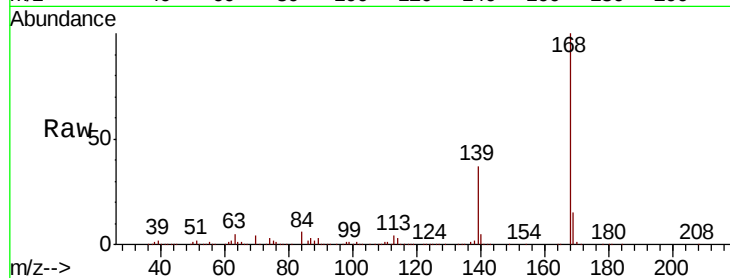




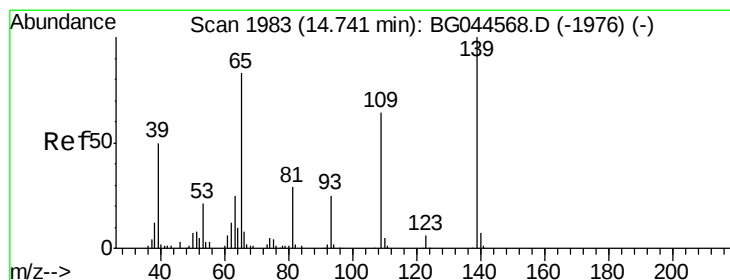
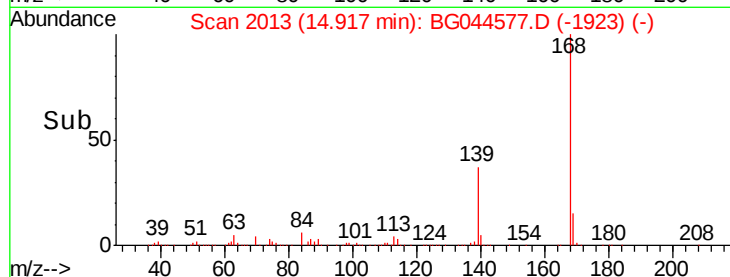
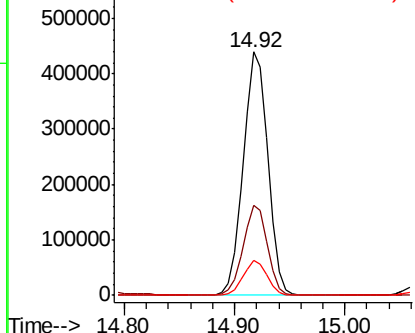
#55
Dibenzenofuran
Concen: 38.645 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 689268
Ion Ratio Lower Upper
168 100
139 37.0 29.2 43.8
169 14.6 11.0 16.6

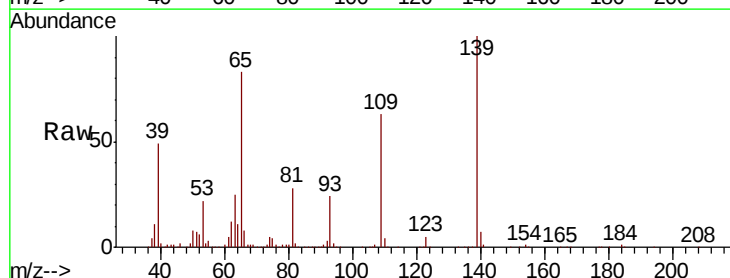


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

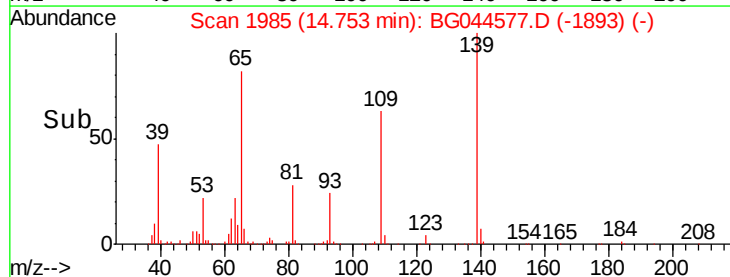
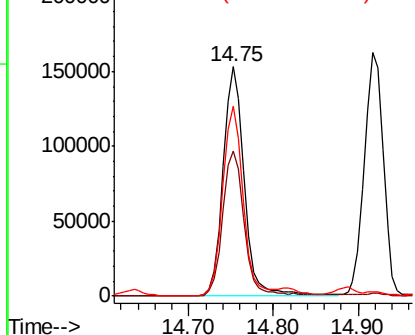


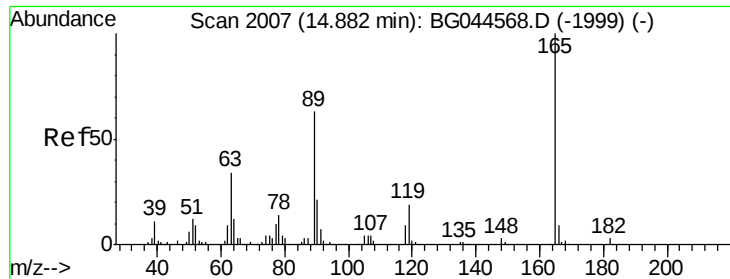
#56
4-Nitrophenol
Concen: 105.868 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion:139 Resp: 266377
Ion Ratio Lower Upper
139 100
109 63.2 43.8 83.8
65 82.6 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

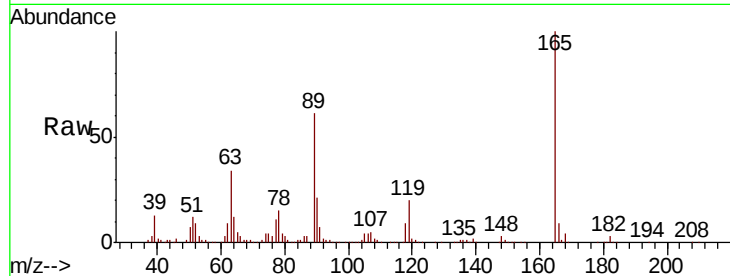




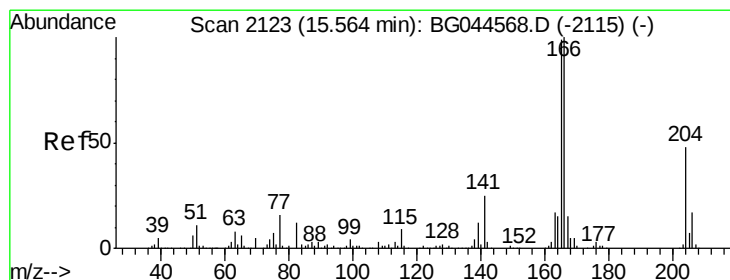
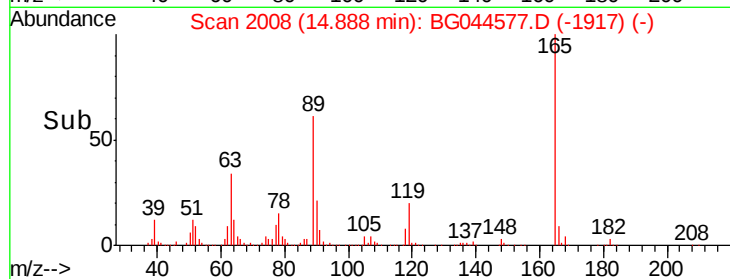
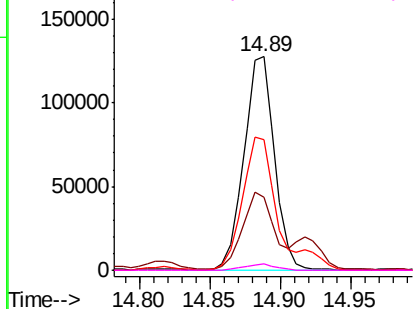
#57
 2,4-Dinitrotoluene
 Concen: 40.320 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	192262
Ion Ratio	Lower	Upper
165	100	
63	34.4	27.5 41.3
89	60.9	50.0 75.0
182	2.8	2.3 3.5

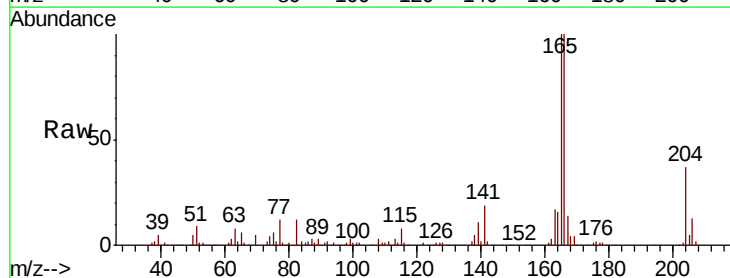


Abundance Ion 165.00 (164.70 to 165.70): E
 200000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

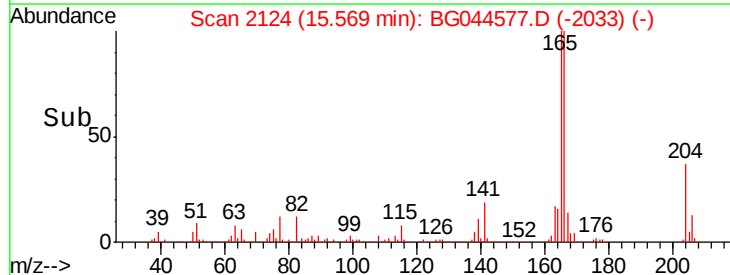
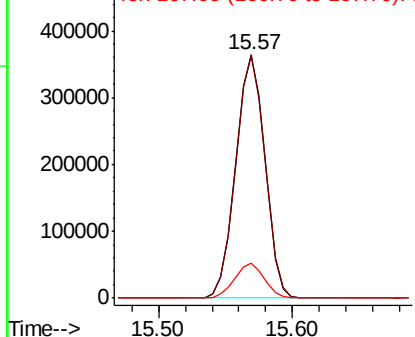


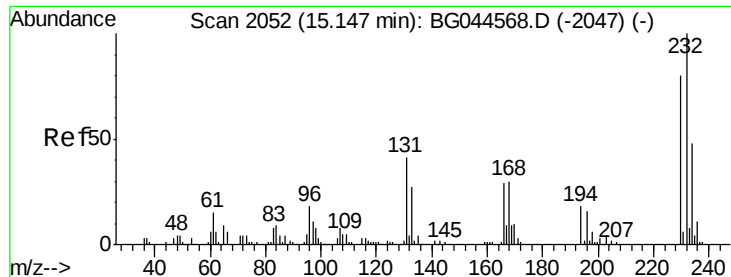
#58
 Fluorene
 Concen: 39.033 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion:166	Resp:	551998
Ion Ratio	Lower	Upper
166	100	
165	100.4	79.2 118.8
167	14.2	11.7 17.5



Abundance Ion 166.00 (165.70 to 166.70): E
 500000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

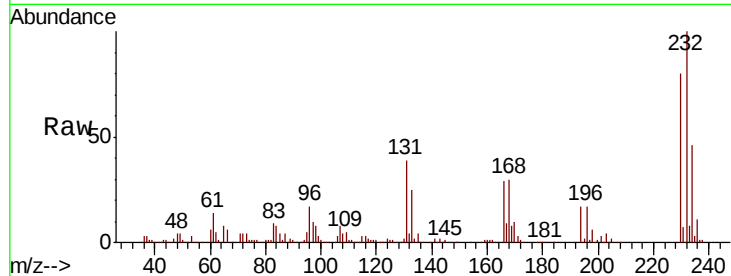




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.271 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	31.8	47.6
130	2.4	1.8	2.6
166	29.0	22.7	34.1



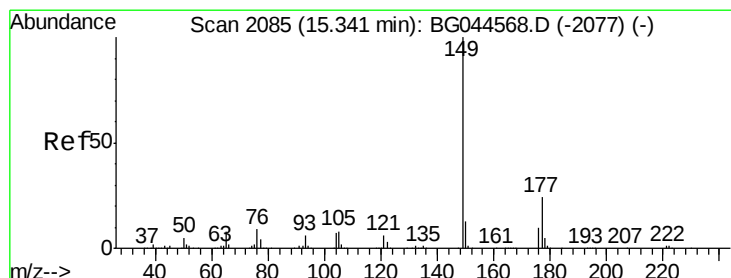
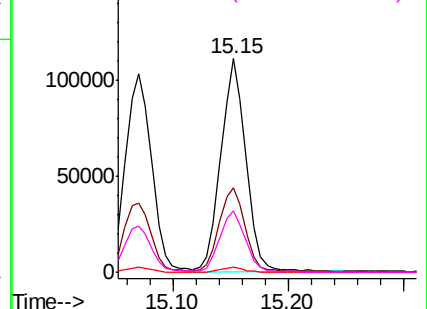
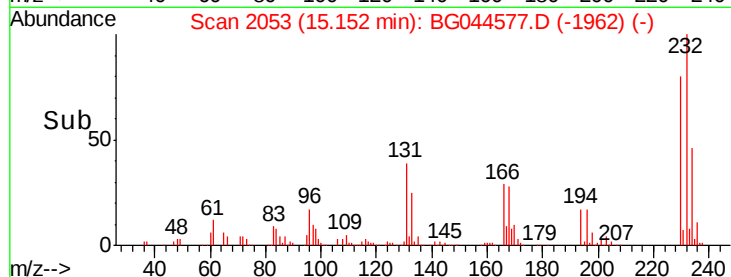
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

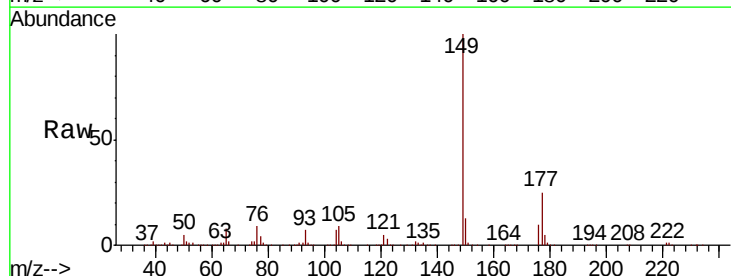
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.417 ng
RT: 15.35 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.2	28.8
150	12.5	10.2	15.4

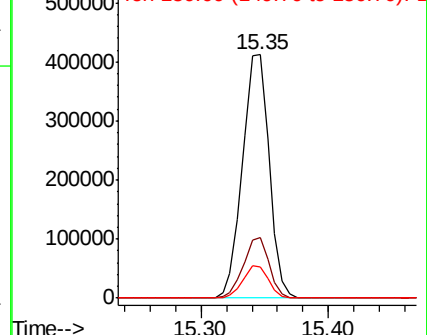
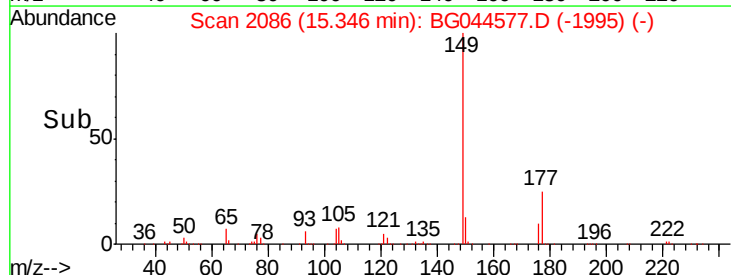


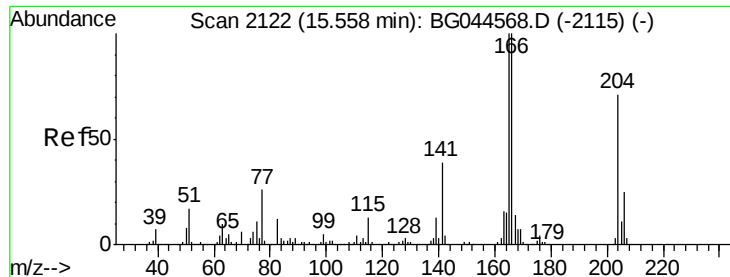
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

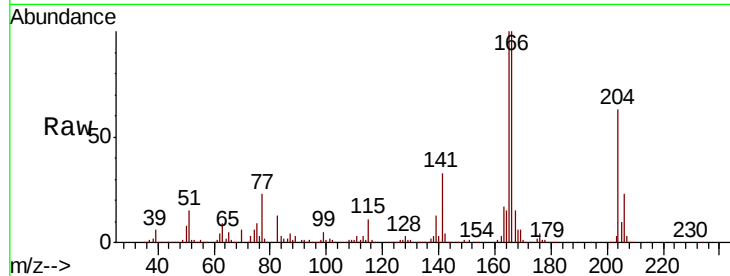




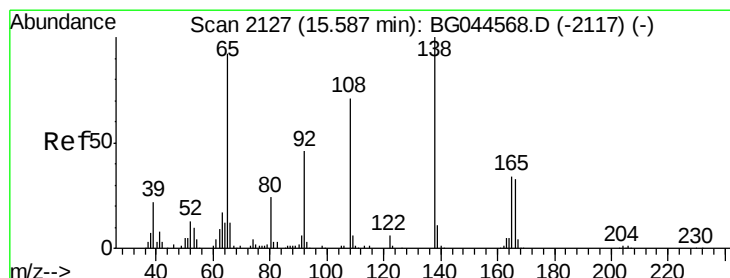
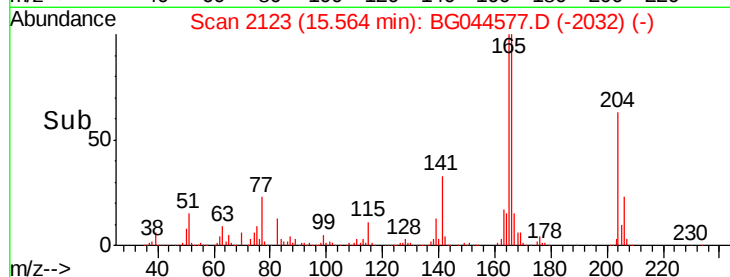
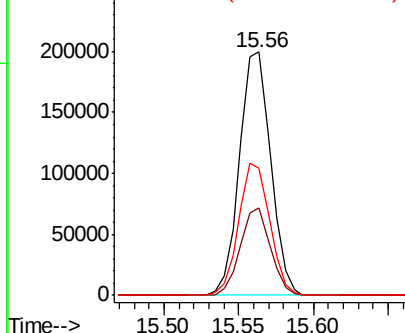
#61
 4-Chlorophenyl-phenylether
 Concen: 37.730 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	27.8	41.8
141	52.2	43.8	65.8

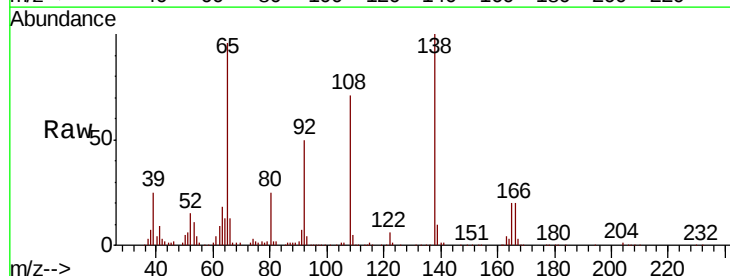


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

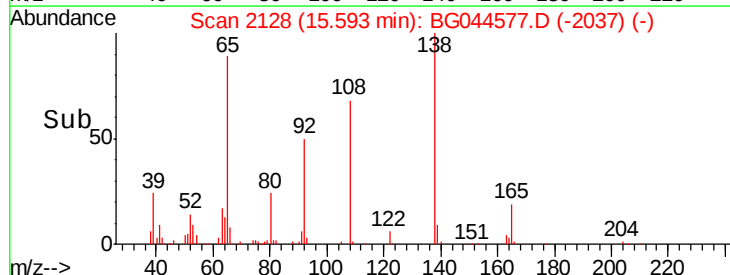
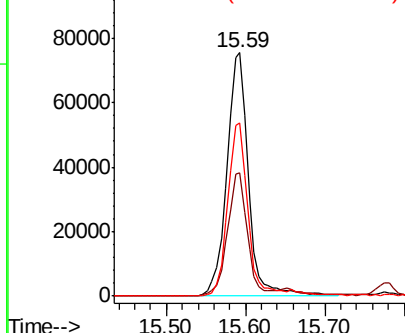


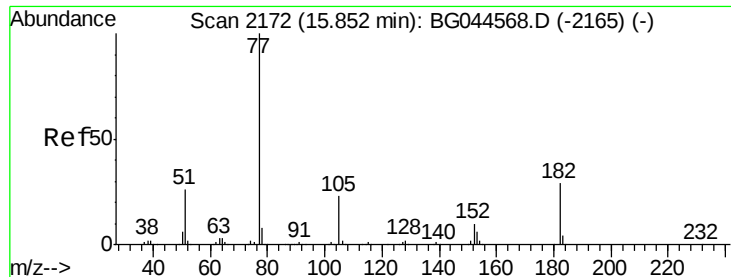
#62
 4-Nitroaniline
 Concen: 38.915 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	26.4	66.4
108	71.2	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

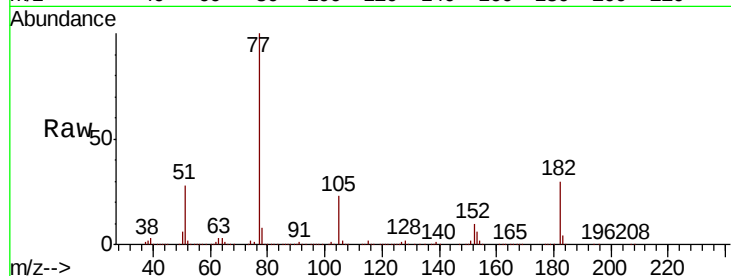




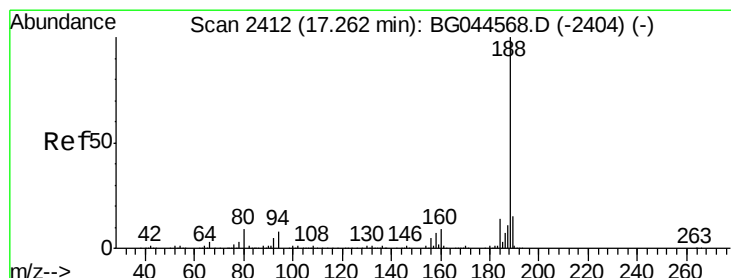
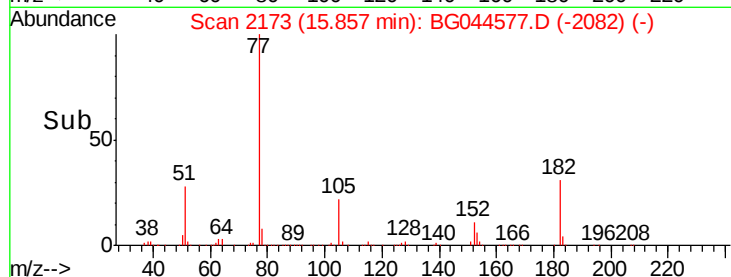
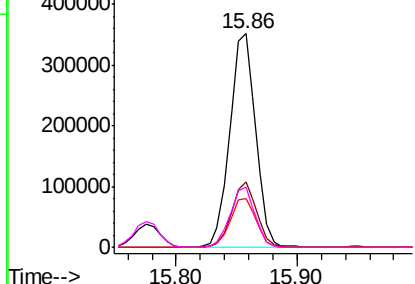
#63
Azobenzene
Concen: 40.192 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	521209
Ion	Ratio	Lower	Upper
77	100		
182	30.4	9.4	49.4
105	23.1	3.4	43.4
51	28.0	6.4	46.4

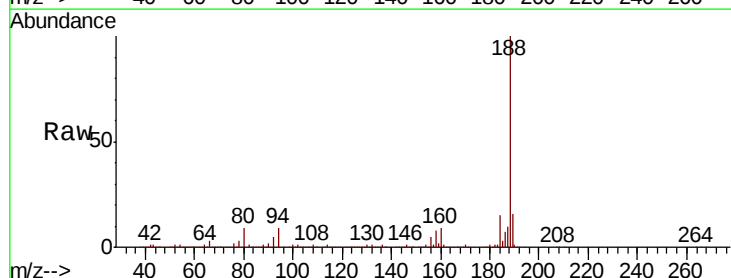


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

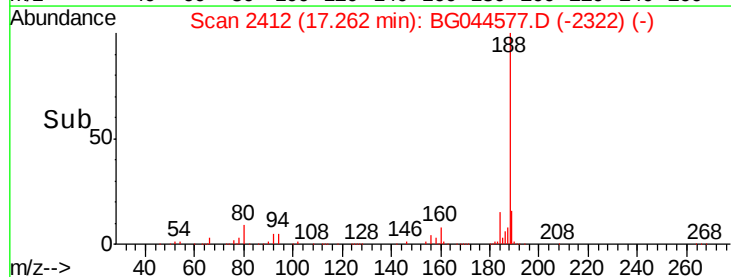
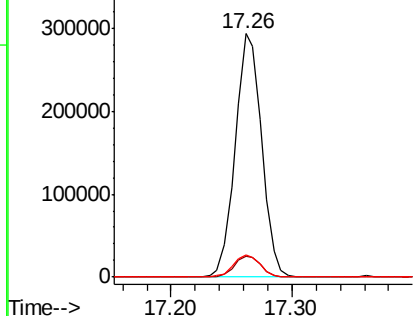


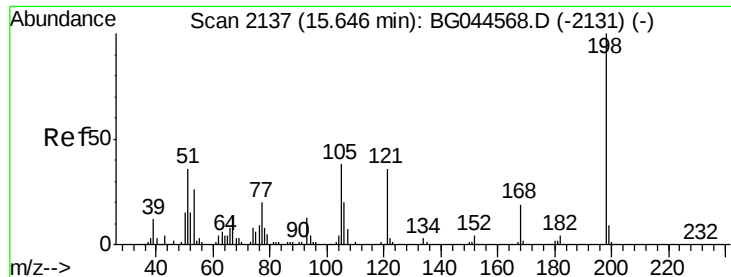
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion:	188	Resp:	447305
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.3	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: 45.286 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

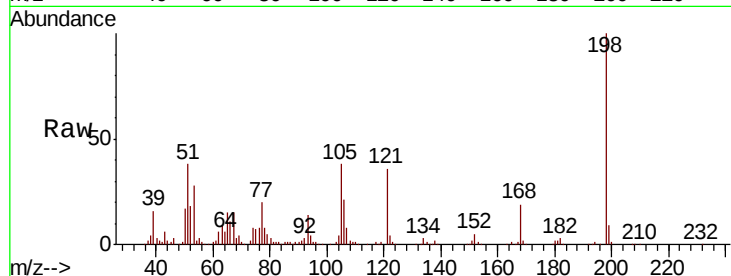
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 125428

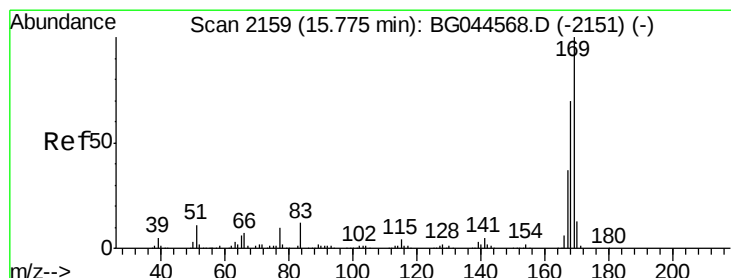
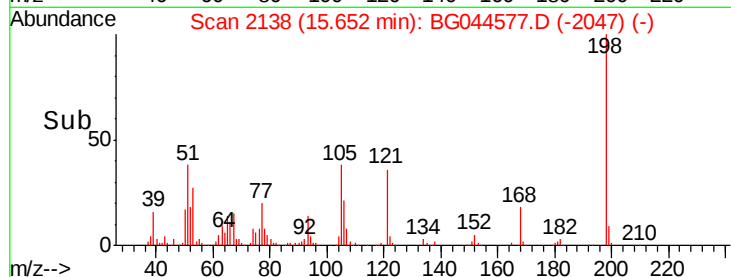
Ion	Ratio	Lower	Upper
198	100		
51	37.9	17.0	57.0
105	38.3	18.4	58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.754 ng

RT: 15.78 min Scan# 2159

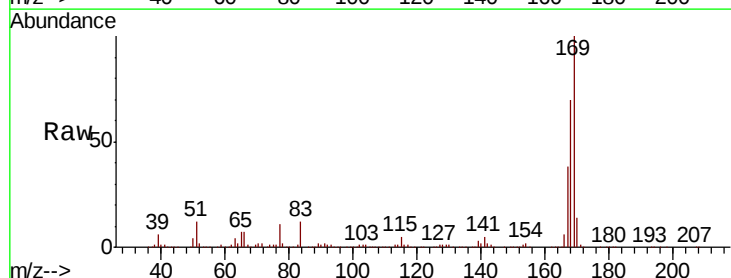
Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:169 Resp: 526770

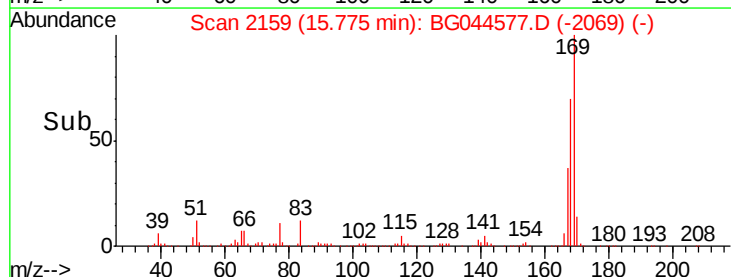
Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.1	84.1
167	37.5	29.4	44.0

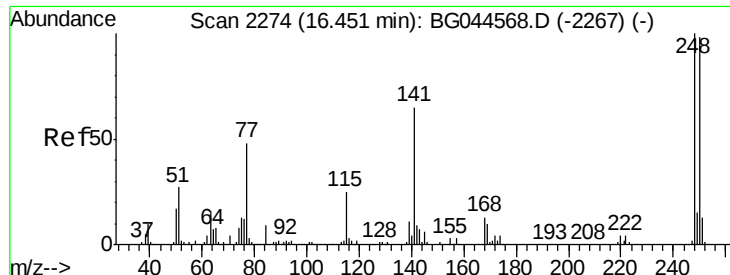


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

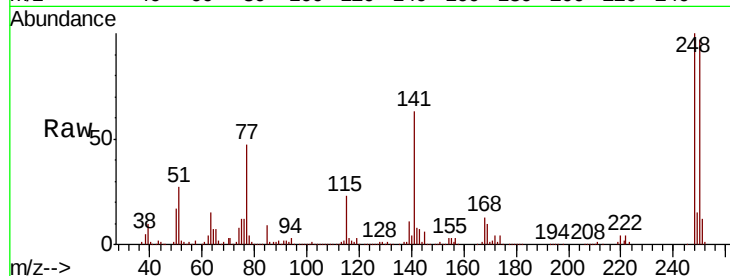




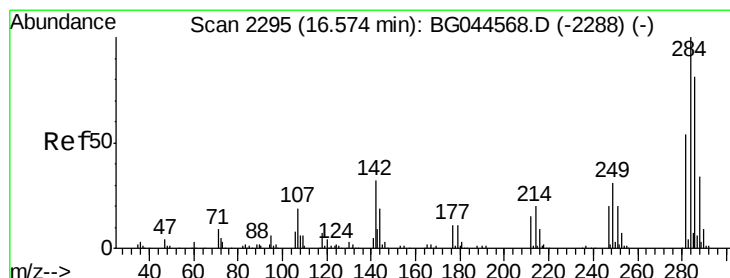
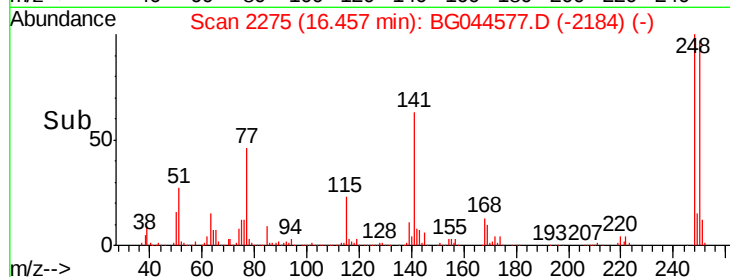
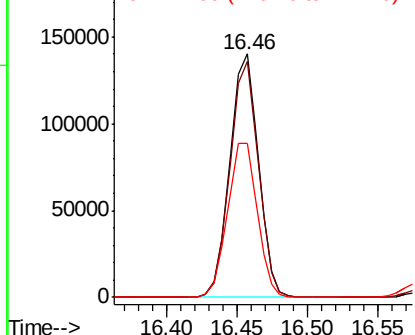
#67
 4-Bromophenyl-phenylether
 Concen: 35.567 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 197481
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.7 118.1
 141 63.1 52.3 78.5

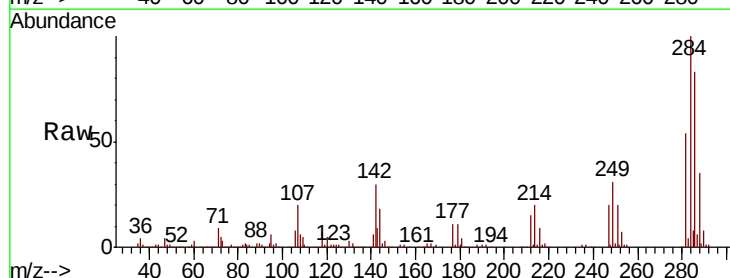


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

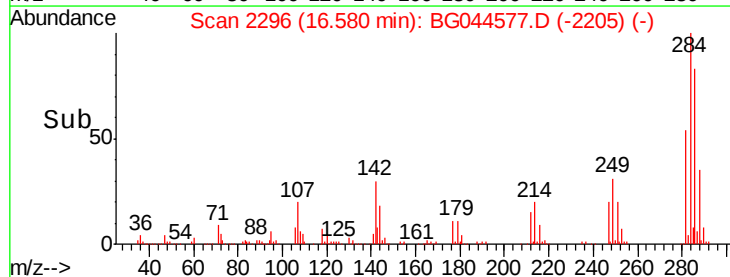
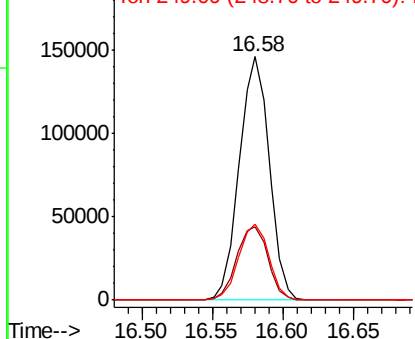


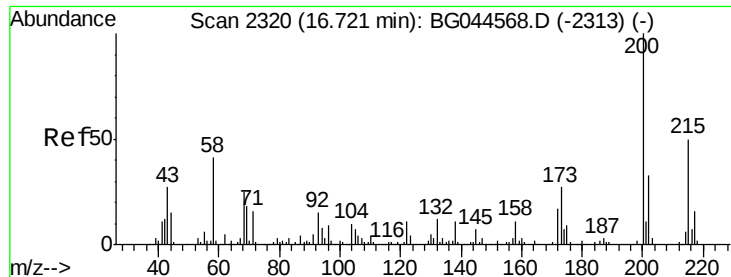
#68
 Hexachlorobenzene
 Concen: 34.657 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.01 min
 Lab File: BG044577.D
 Acq: 25 Feb 2020 15:05

Tgt Ion:284 Resp: 217556
 Ion Ratio Lower Upper
 284 100
 142 30.4 25.6 38.4
 249 31.2 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: 39.920 ng

RT: 16.73 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

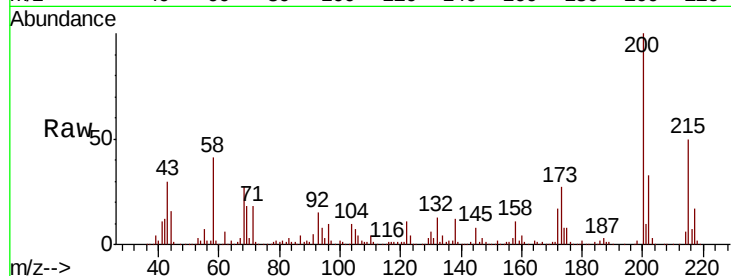
Tot Ion:200 Resp: 205914

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

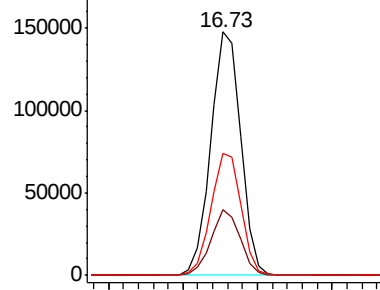
215 50.0 30.3 70.3



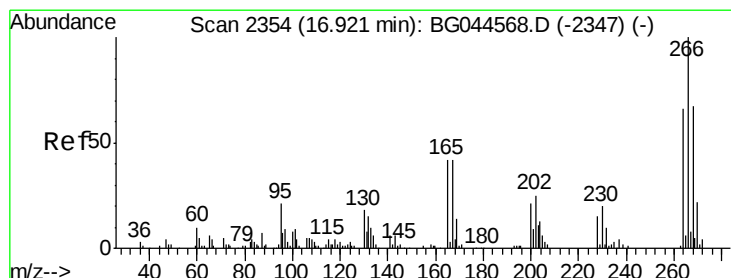
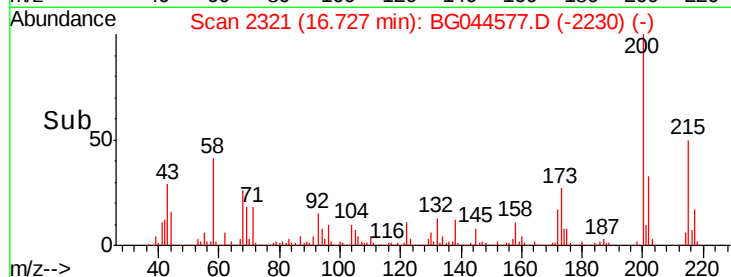
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 84.040 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

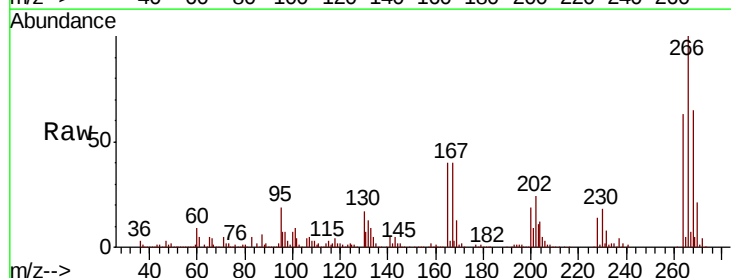
Tgt Ion:266 Resp: 259392

Ion Ratio Lower Upper

266 100

268 64.6 53.4 80.0

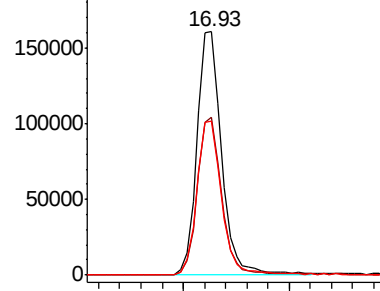
264 63.0 53.0 79.4



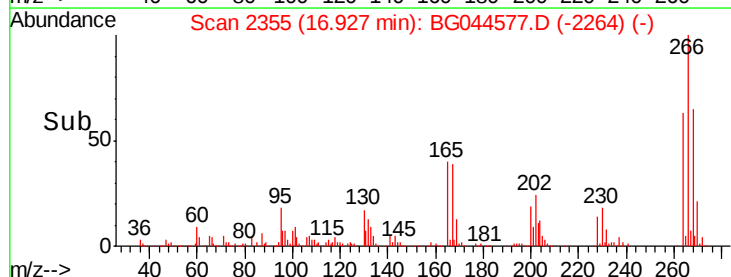
Abundance Ion 265.70 (265.40 to 266.40): E

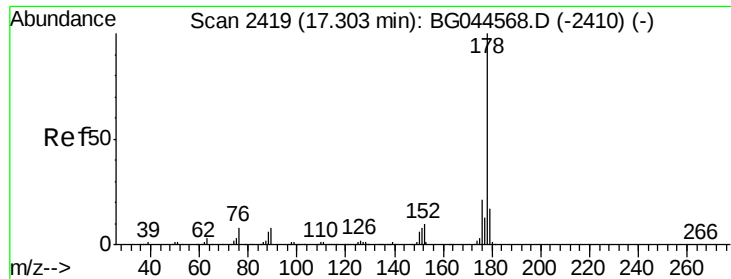
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->

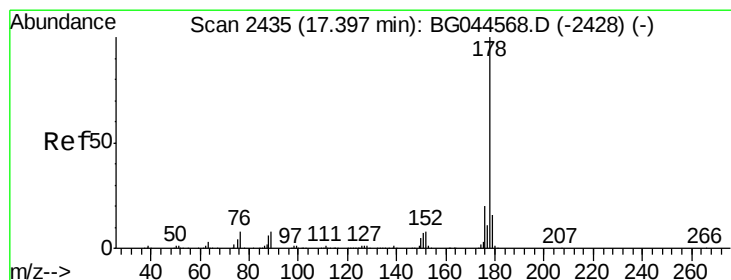
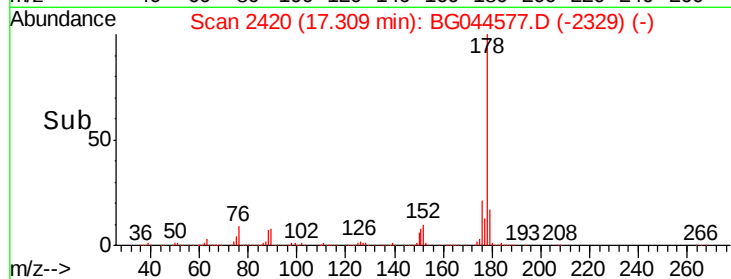
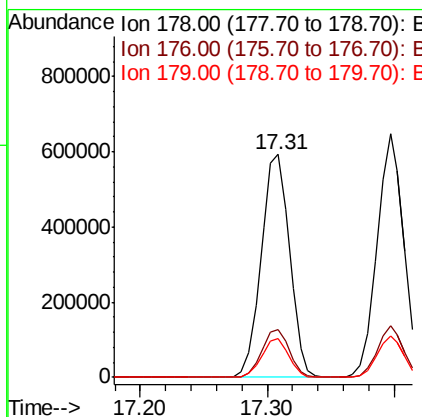
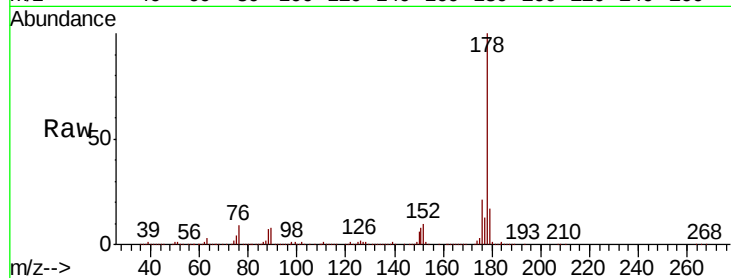




#71
Phenanthrene
Concen: 37.386 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

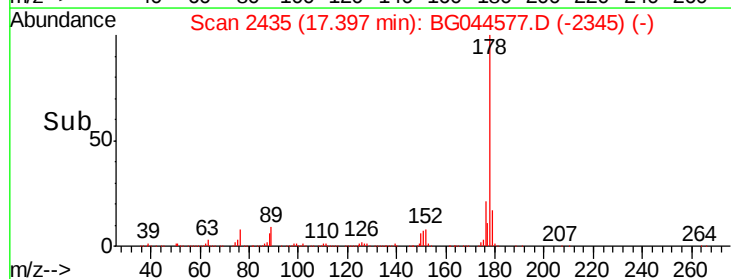
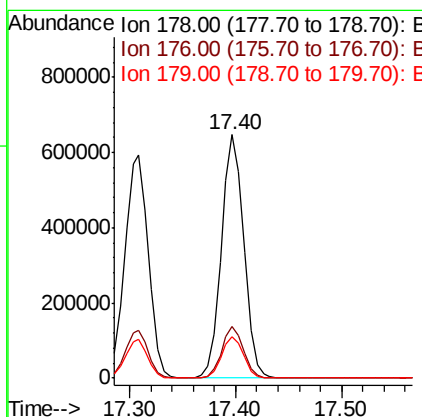
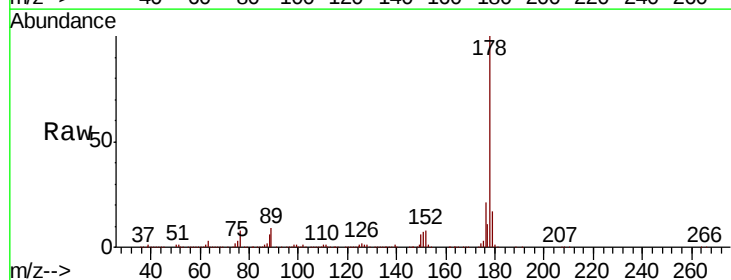
Instrument :
BNA_G
ClientSampleId :

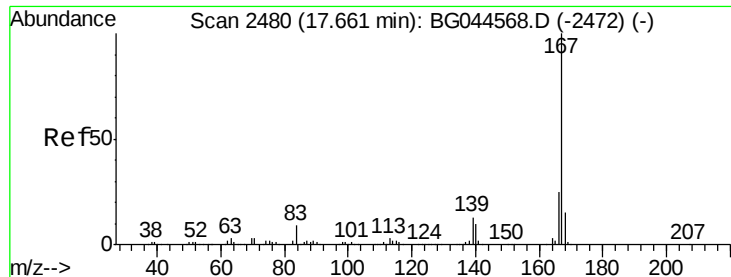
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	17.2	13.3	19.9



#72
Anthracene
Concen: 39.012 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.9	23.9
179	17.2	13.1	19.7





#73

Carbazole

Concen: 40.200 ng

RT: 17.67 min Scan# 2481

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

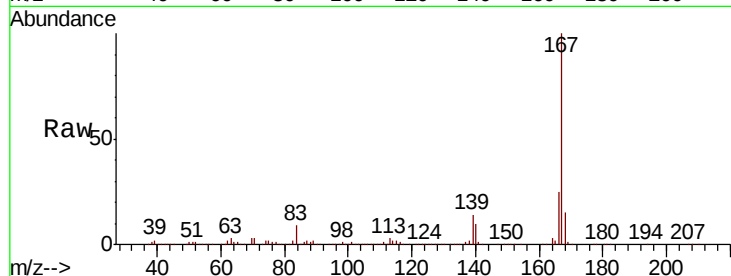
Tot Ion:167 Resp: 893002

Ion Ratio Lower Upper

167 100

166 24.9 19.7 29.5

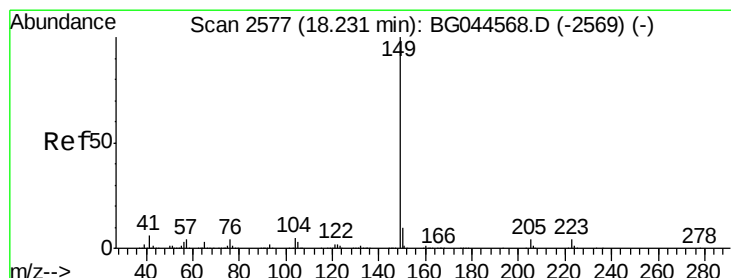
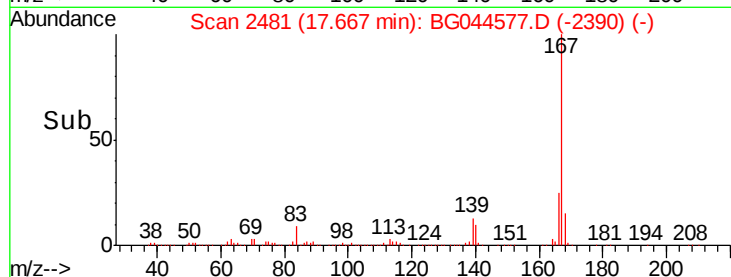
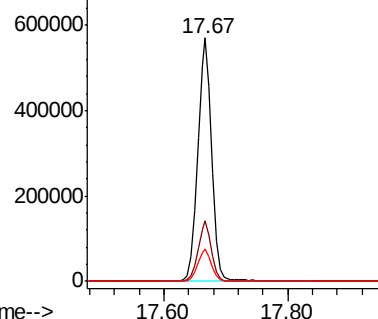
139 13.5 10.6 15.8



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: 39.579 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

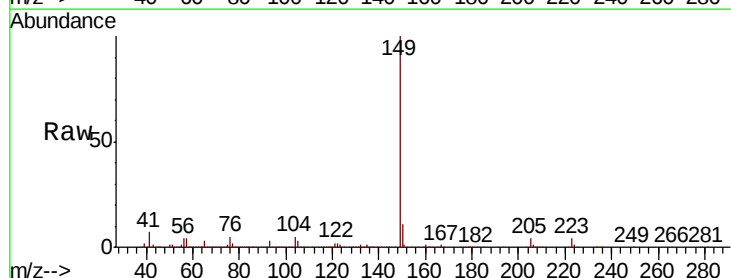
Tgt Ion:149 Resp: 1101736

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.8

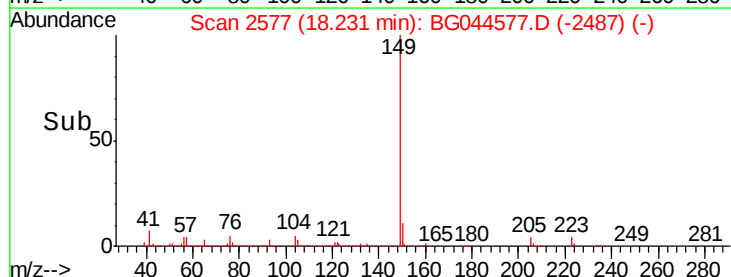
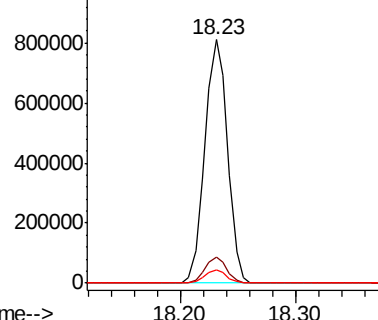
104 5.2 4.0 6.0

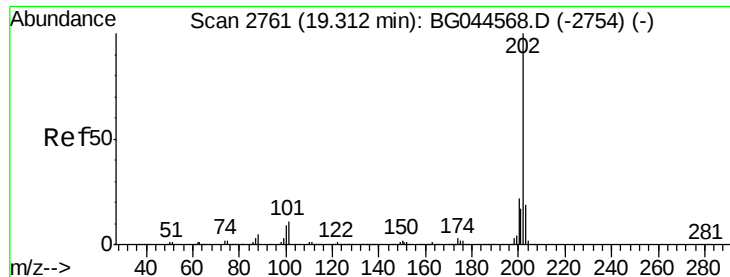


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.474 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

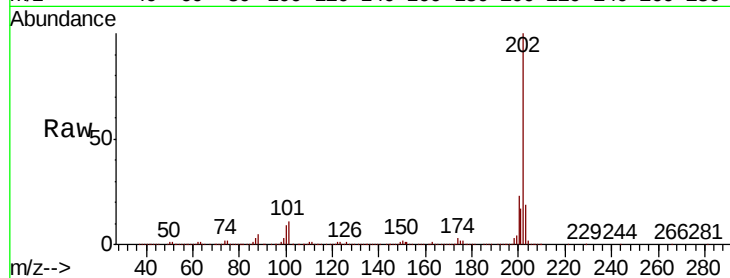
Tot Ion:202 Resp: 1157204

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.0

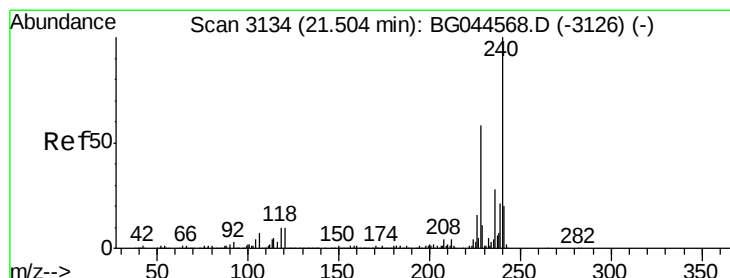
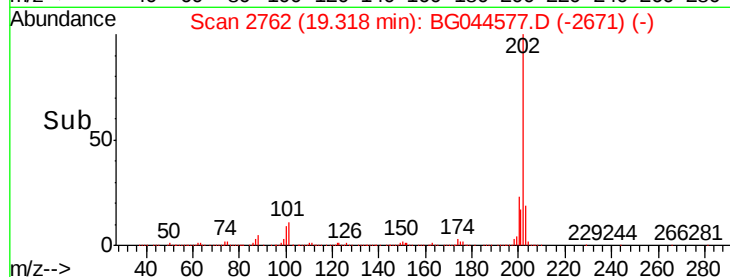
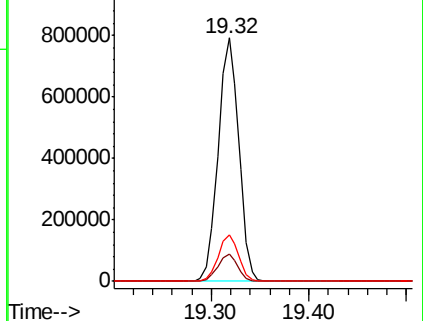
203 19.4 0.0 39.2



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: 21.51 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

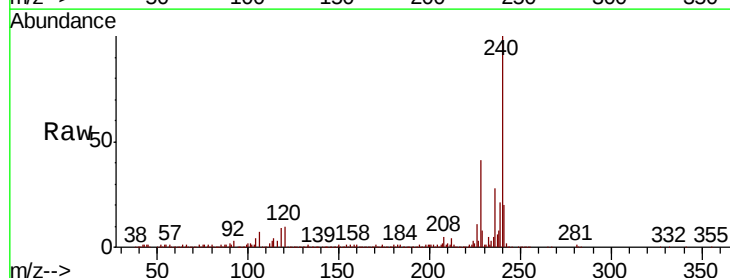
Tgt Ion:240 Resp: 426992

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

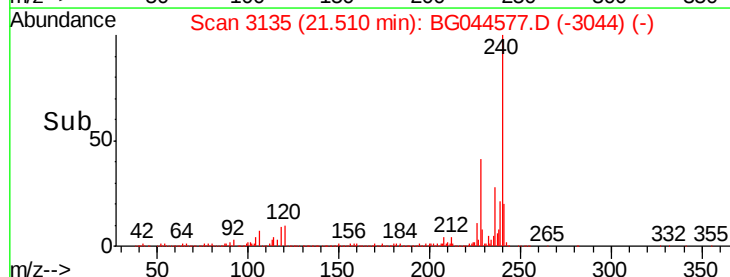
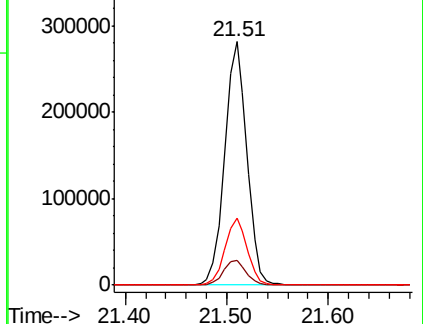
236 27.5 22.3 33.5

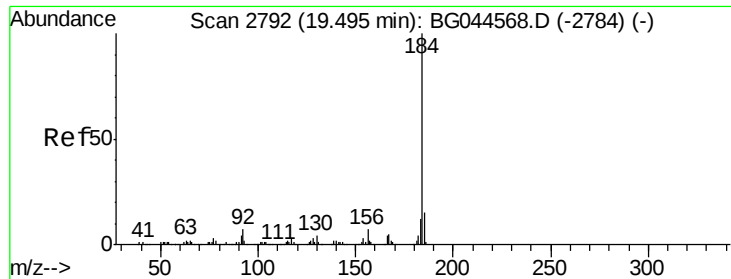


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.750 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

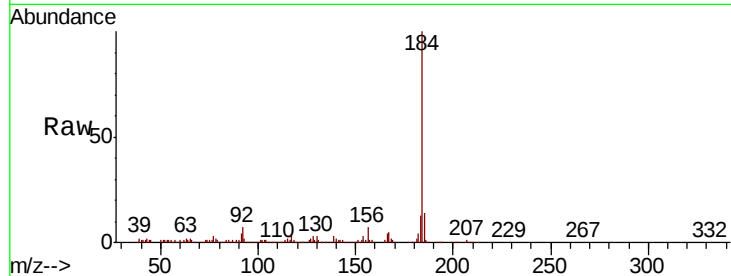
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 215745

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.6	9.9	14.9

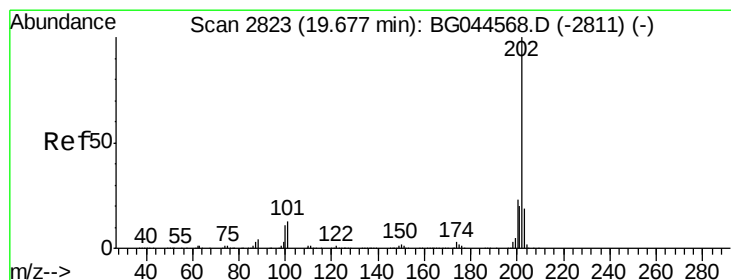
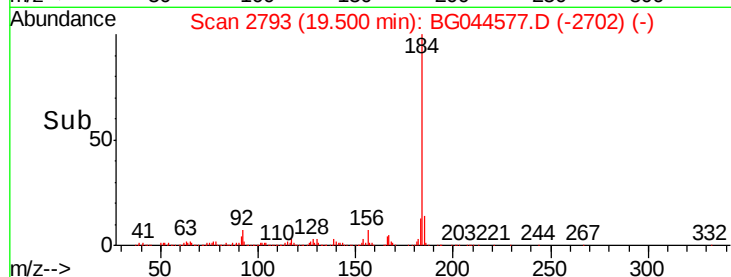
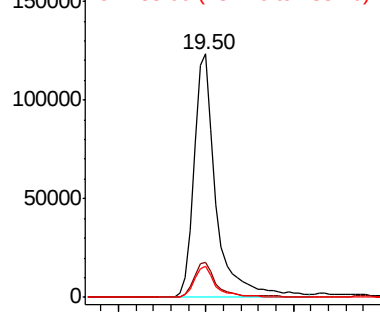


Abundance

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: 37.522 ng

RT: 19.68 min Scan# 2823

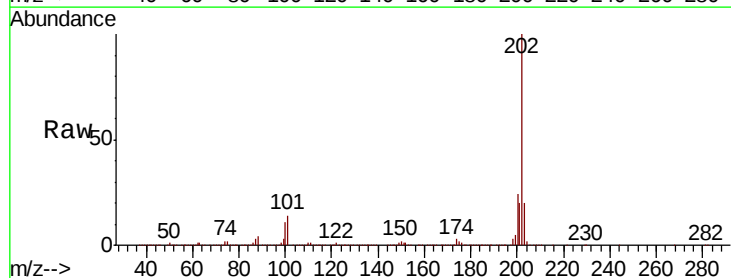
Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Tgt Ion:202 Resp: 1163035

Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.6	28.0
203	19.9	15.3	22.9

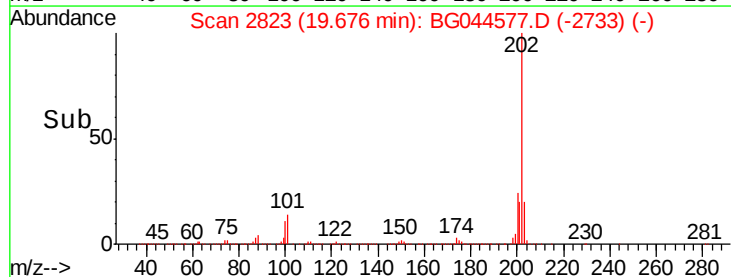
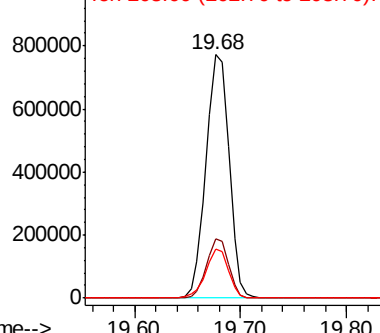


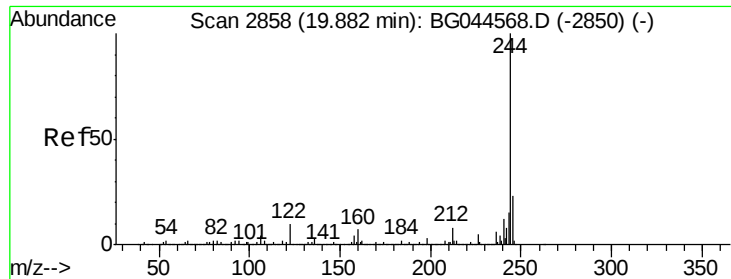
Abundance

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: 63.430 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampled :

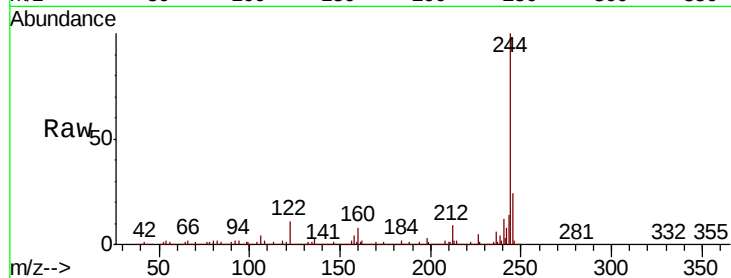
Tot Ion:244 Resp: 1430701

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

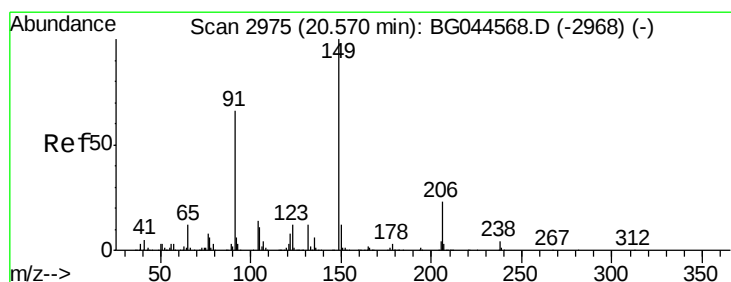
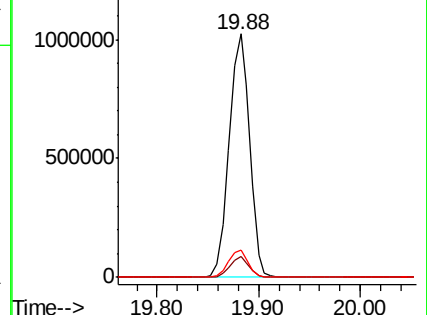
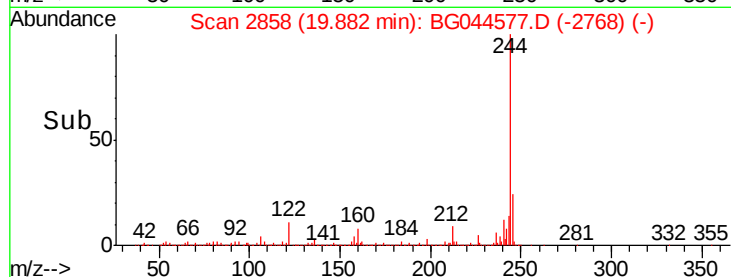
122 11.3 8.2 12.4



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: 37.374 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

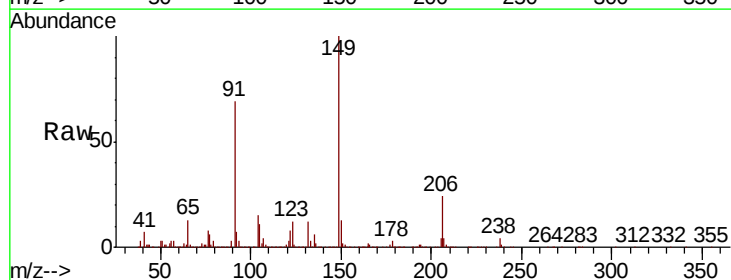
Tgt Ion:149 Resp: 506720

Ion Ratio Lower Upper

149 100

91 68.8 52.7 79.1

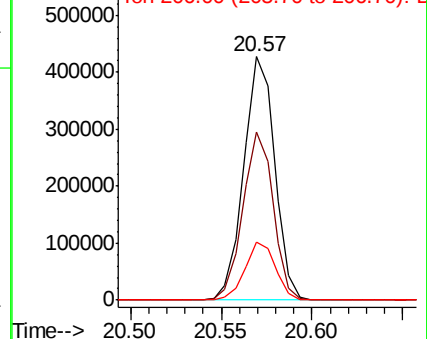
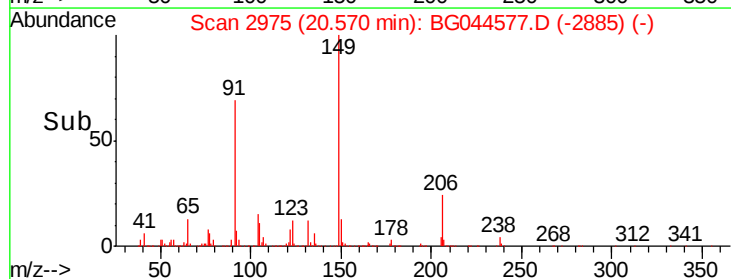
206 24.0 18.6 28.0

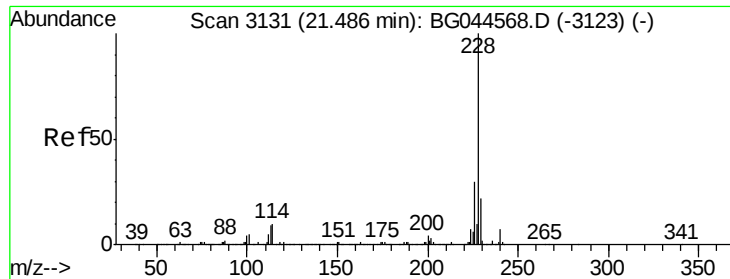


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

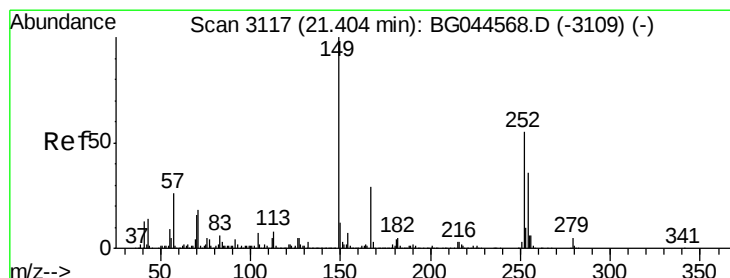
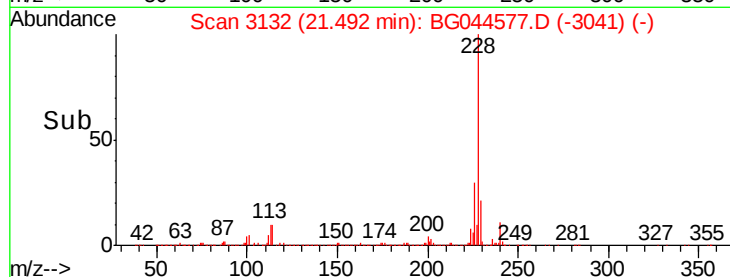
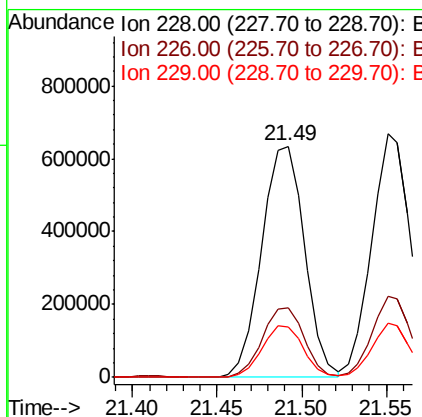
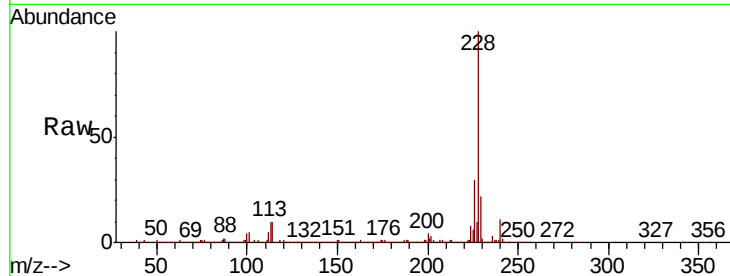




#81
Benzo(a)anthracene
Concen: 37.407 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

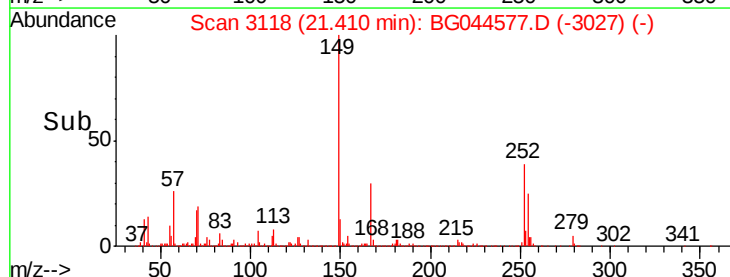
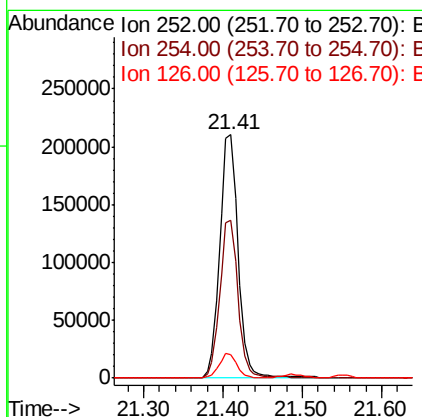
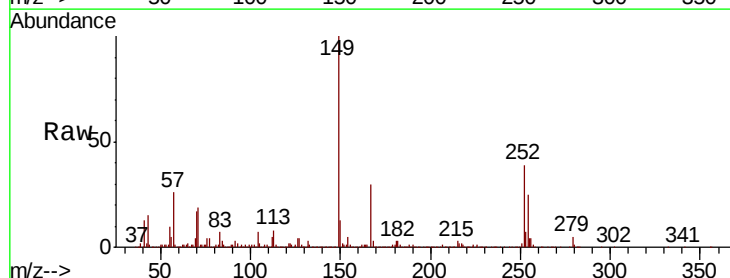
Instrument :
BNA_G
ClientSampled :

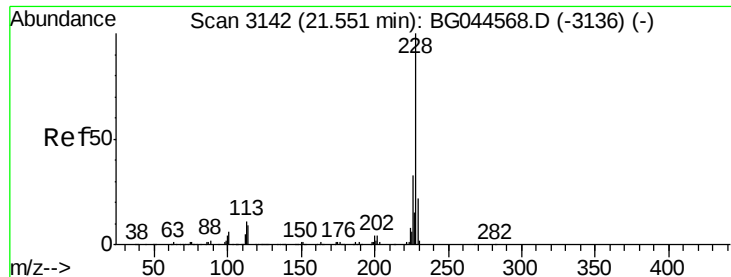
Tot Ion:228 Resp: 1122583
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 21.5 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 28.676 ng
RT: 21.41 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion:252 Resp: 339979
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 9.7 7.8 11.6





#83

Chrvsene

Concen: 36.954 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

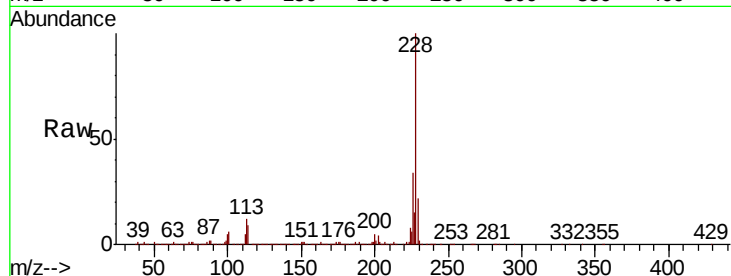
Tot Ion:228 Resp: 1072267

Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.1	39.1
229	22.3	17.2	25.8

228 100

226 33.6 26.1 39.1

229 22.3 17.2 25.8

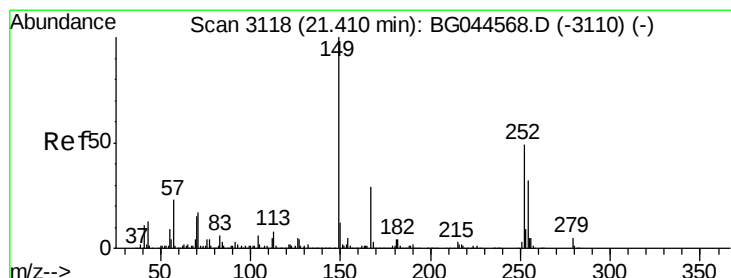
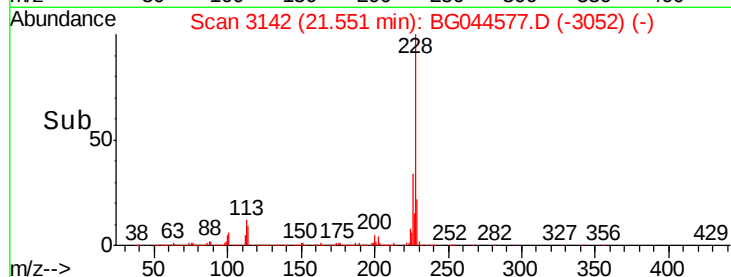
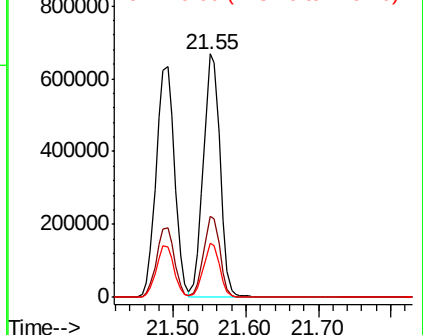


Abundance

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: 37.957 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

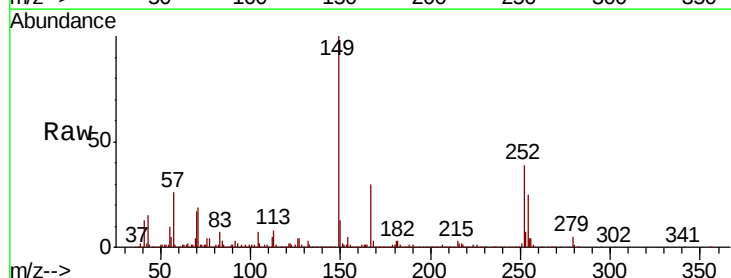
Tgt Ion:149 Resp: 709101

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.4	35.0
279	4.8	4.2	6.4

149 100

167 30.2 23.4 35.0

279 4.8 4.2 6.4

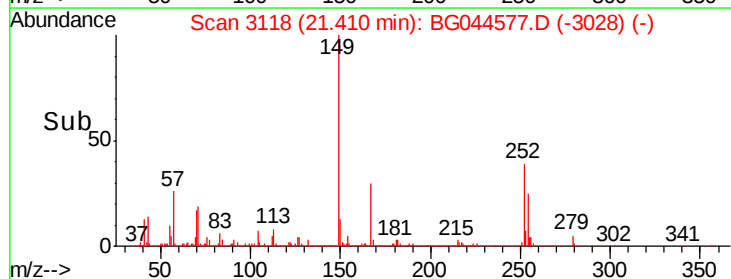
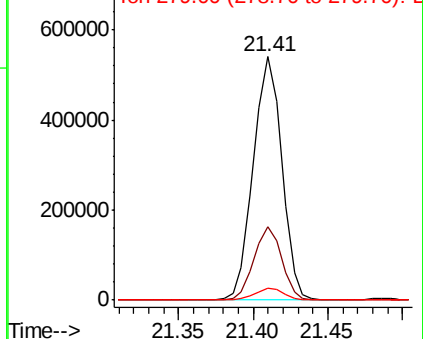


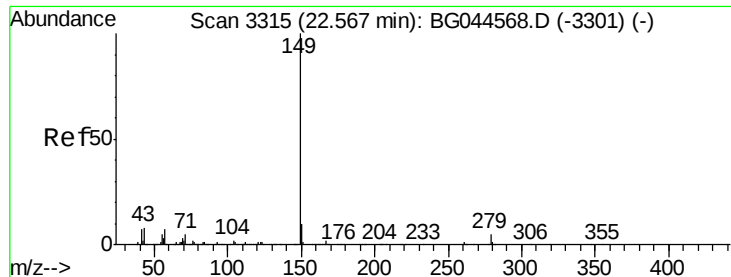
Abundance

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: 38.212 ng

RT: 22.57 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

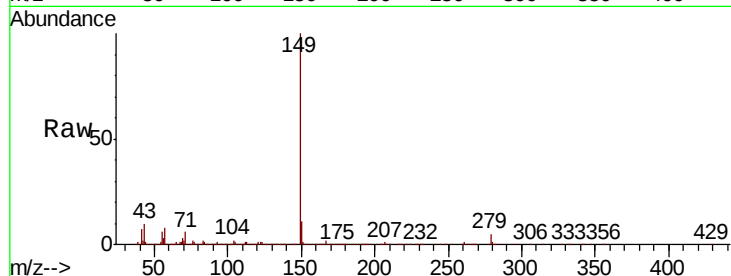
Tot Ion:149 Resp: 1255966

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

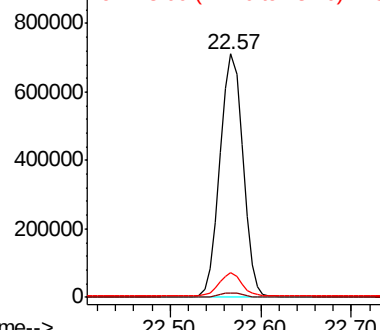
43 9.0 6.6 10.0



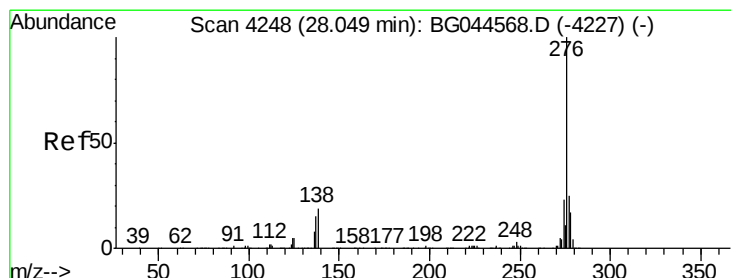
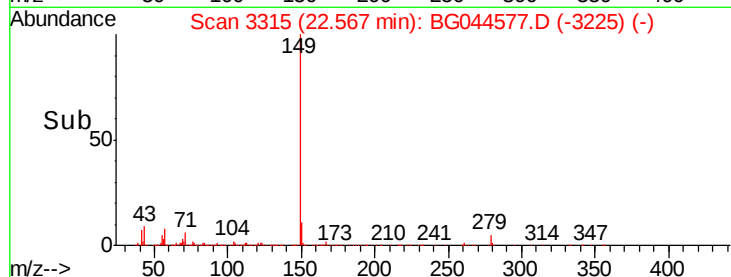
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.295 ng

RT: 28.06 min Scan# 4250

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

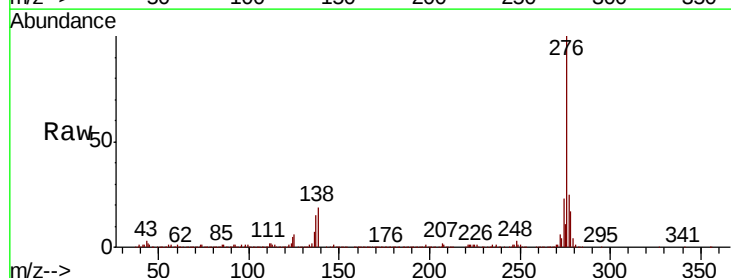
Tgt Ion:276 Resp: 1351548

Ion Ratio Lower Upper

276 100

138 23.6 18.2 27.4

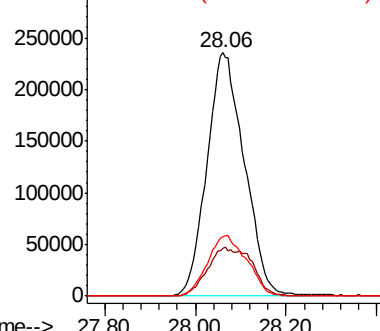
277 26.2 20.7 31.1



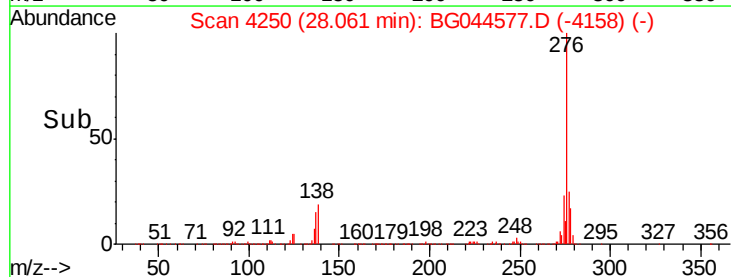
Abundance Ion 276.00 (275.70 to 276.70): E

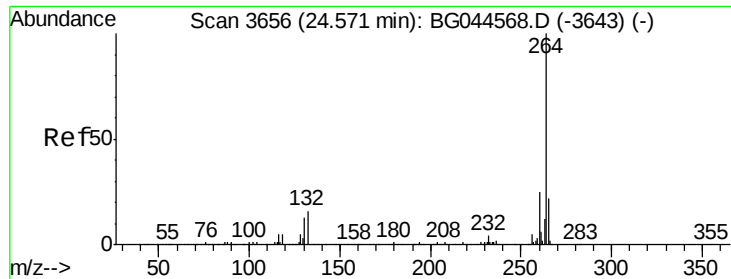
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

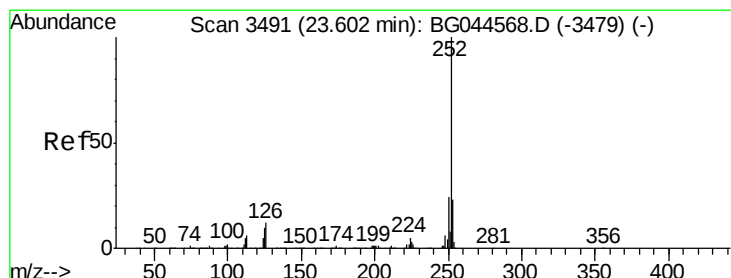
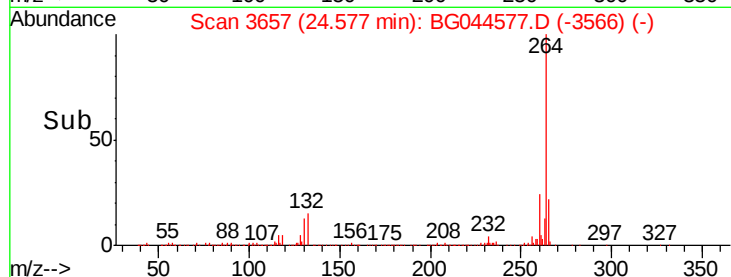
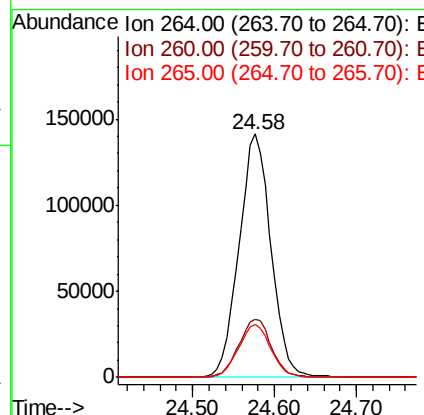
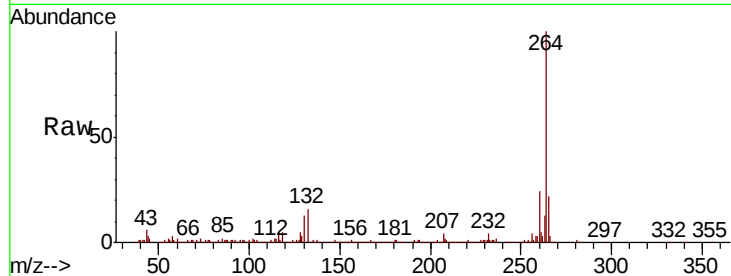




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

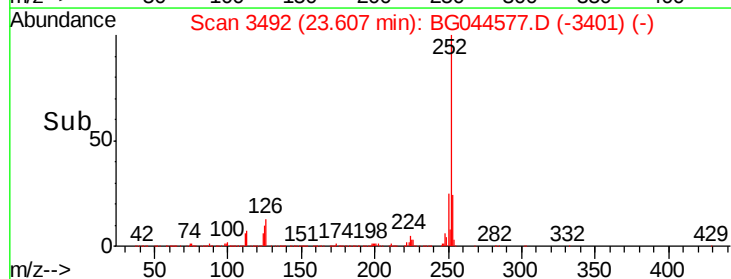
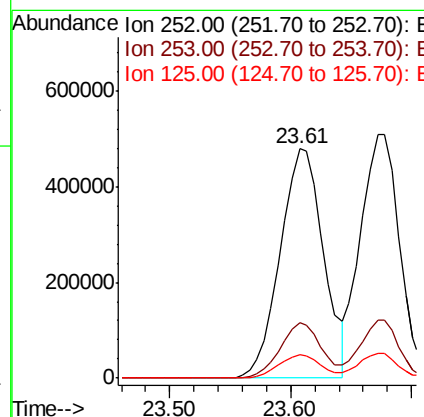
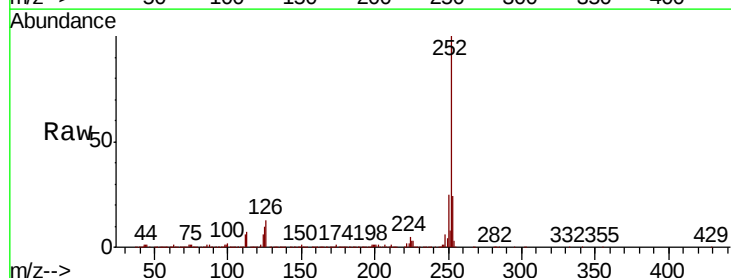
Instrument :
BNA_G
ClientSampleId :

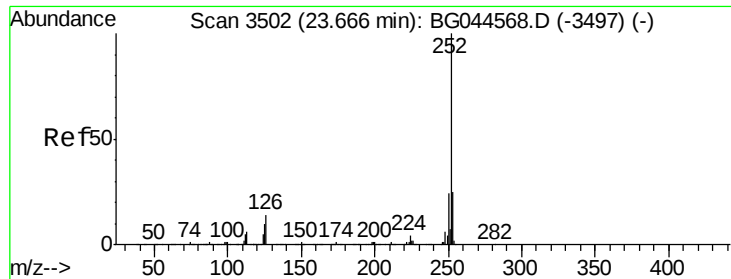
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.8	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 47.139 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG044577.D
Acq: 25 Feb 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	10.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 46.709 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

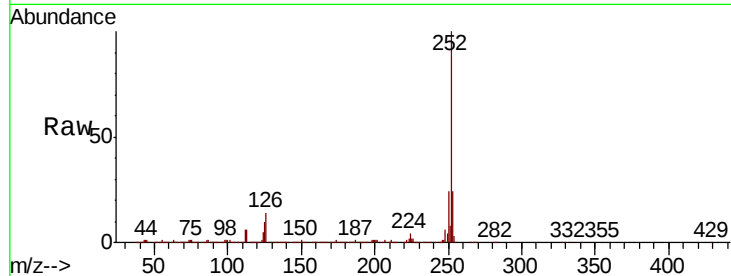
Tot Ion:252 Resp: 1144842

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

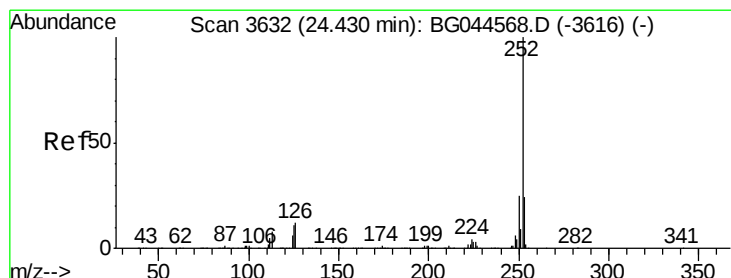
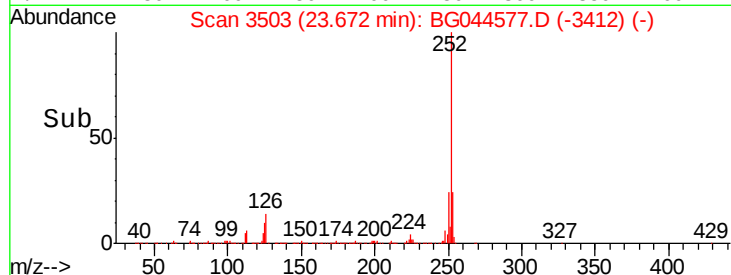
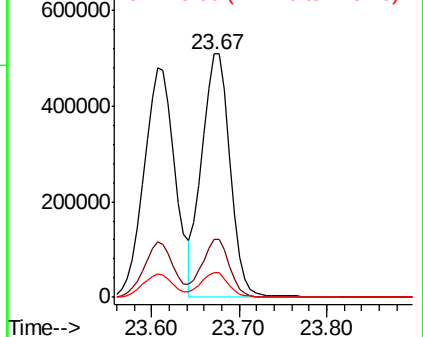
125 10.3 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.563 ng

RT: 24.44 min Scan# 3633

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

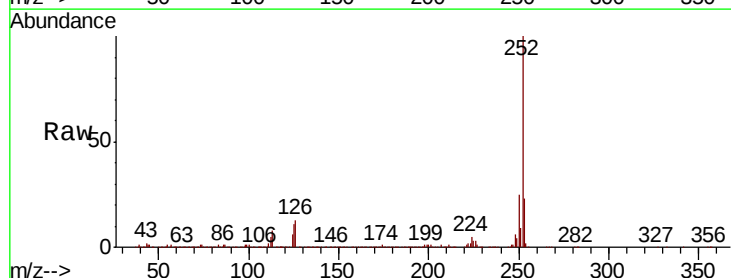
Tgt Ion:252 Resp: 1081372

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

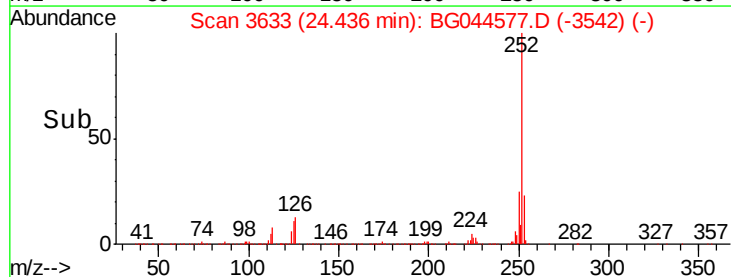
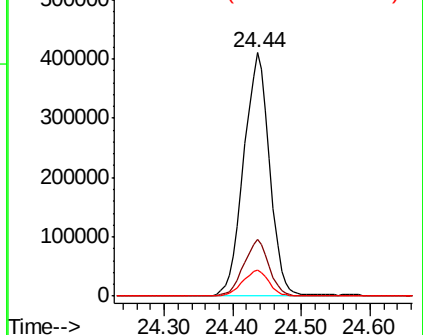
125 10.9 8.5 12.7

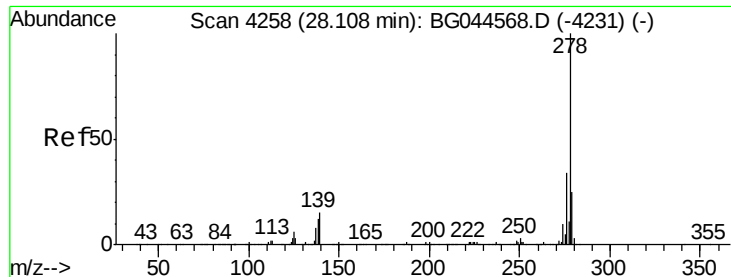


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.149 ng

RT: 28.11 min Scan# 4259

Delta R.T. 0.01 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

Instrument :

BNA_G

ClientSampleId :

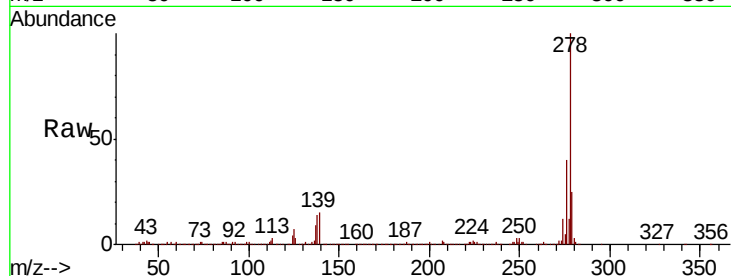
Tot Ion:278 Resp: 1130174

Ion Ratio Lower Upper

278 100

139 15.2 11.7 17.5

279 24.7 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

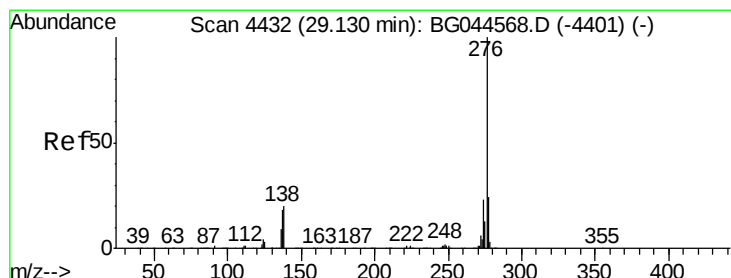
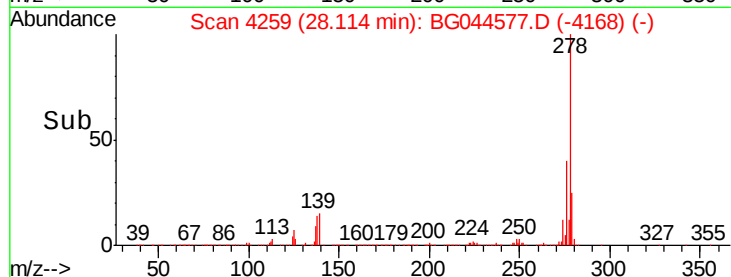
300000

200000

100000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 48.963 ng

RT: 29.15 min Scan# 4435

Delta R.T. 0.02 min

Lab File: BG044577.D

Acq: 25 Feb 2020 15:05

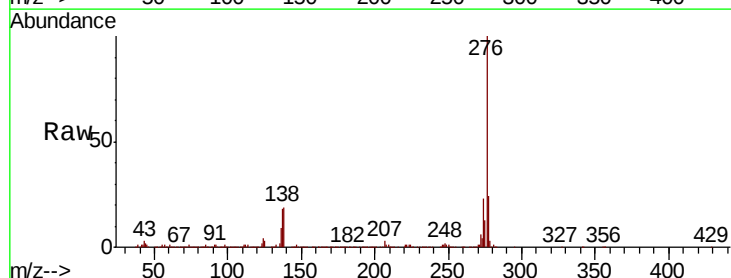
Tgt Ion:276 Resp: 1151458

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 19.3 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

300000

250000

200000

150000

100000

50000

0

Time-->

