

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043580.D
 Acq On : 8 Nov 2019 21:54
 Operator : JU
 Sample : K5742-11MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Quant Time: Nov 11 00:34:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25098	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	97933	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	72177	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	185048	20.00	ng	0.00
76) Chrysene-d12	21.65	240	193941	20.00	ng	0.00
87) Perylene-d12	24.84	264	225877	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	189267	138.19	ng	0.00
7) Phenol-d6	7.21	99	270781	137.41	ng	0.00
23) Nitrobenzene-d5	9.17	82	160569	84.53	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	179955	131.02	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	422751	80.93	ng	0.00
79) Terphenyl-d14	19.99	244	889175	86.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21646	40.555	ng	97
3) Pyridine	3.86	79	53876	40.015	ng	95
4) n-Nitrosodimethylamine	3.78	42	34290	50.471	ng	# 95
6) Aniline	7.34	93	45611	20.093	ng	93
8) 2-Chlorophenol	7.58	128	75996	50.264	ng	99
9) Benzaldehyde	7.14	77	35879	37.048	ng	96
10) Phenol	7.23	94	104060	57.788	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	58868	42.284	ng	97
12) 1,3-Dichlorobenzene	7.89	146	85386	45.075	ng	99
13) 1,4-Dichlorobenzene	8.04	146	84381	44.027	ng	95
14) 1,2-Dichlorobenzene	8.36	146	82433	44.050	ng	96
15) Benzyl Alcohol	8.25	79	65340	47.213	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83919	41.454	ng	98
17) 2-Methylphenol	8.48	107	62029	47.252	ng	95
18) Hexachloroethane	9.09	117	30488	44.091	ng	98
19) n-Nitroso-di-n-propylamine	8.80	70	53776	42.232	ng	96
20) 3+4-Methylphenols	8.80	107	86087	47.824	ng	89
22) Acetophenone	8.83	105	108020	43.071	ng	# 94
24) Nitrobenzene	9.21	77	85734	47.378	ng	# 97
25) Isophorone	9.73	82	153452	44.184	ng	100
26) 2-Nitrophenol	9.93	139	44077	50.452	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	72471	57.877	ng	93
28) bis(2-Chloroethoxy)methane	10.21	93	83796	43.716	ng	94
29) 2,4-Dichlorophenol	10.48	162	79297	49.426	ng	90
30) 1,2,4-Trichlorobenzene	10.67	180	87552	43.298	ng	98
31) Naphthalene	10.86	128	232790	46.829	ng	100
32) Benzoic acid	10.19	122	38868	42.038	ng	95
33) 4-Chloroaniline	10.99	127	26712	13.109	ng	97
34) Hexachlorobutadiene	11.14	225	62249	41.645	ng	98
35) Caprolactam	11.74	113	19883	35.984	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	88052	50.315	ng	93
37) 2-Methylnaphthalene	12.46	142	179272	47.001	ng	97
38) 1-Methylnaphthalene	12.68	142	171540	47.268	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	117108	43.841	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102039	72.720	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	75358	47.905	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	79863	50.217	nq	97
46) 1,1'-Biphenyl	13.47	154	241761	44.030	nq	98
47) 2-Chloronaphthalene	13.51	162	188429	45.102	nq	98
48) 2-Nitroaniline	13.72	65	59881	47.956	nq	94
49) Acenaphthylene	14.36	152	316160	48.624	nq	100
50) Dimethylphthalate	14.09	163	300222	53.701	nq	98
51) 2,6-Dinitrotoluene	14.21	165	58111	47.846	nq	99
52) Acenaphthene	14.70	154	188745	47.600	nq	96
53) 3-Nitroaniline	14.55	138	27120	23.128	nq	96
54) 2,4-Dinitrophenol	14.76	184	50196	67.442	nq	90
55) Dibenzofuran	15.03	168	309202	48.085	nq	99
56) 4-Nitrophenol	14.90	139	84034	106.939	nq	93
57) 2,4-Dinitrotoluene	15.00	165	86924	50.079	nq	# 97
58) Fluorene	15.68	166	262510	48.674	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	80866	47.859	nq	92
60) Diethylphthalate	15.45	149	256106	45.592	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	148255	47.121	nq	99
62) 4-Nitroaniline	15.71	138	56887	46.974	nq	94
63) Azobenzene	15.97	77	225358	49.570	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	46893	43.060	nq	94
66) n-Nitrosodiphenylamine	15.89	169	234659	44.916	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	109060	43.793	nq	97
68) Hexachlorobenzene	16.70	284	120517	42.160	nq	98
69) Atrazine	16.84	200	105117	57.904	nq	99
70) Pentachlorophenol	17.04	266	112198	86.137	nq	98
71) Phenanthrene	17.42	178	436148	46.027	nq	99
72) Anthracene	17.52	178	460224	48.543	nq	98
73) Carbazole	17.79	167	406458	47.342	nq	98
74) Di-n-butylphthalate	18.34	149	477267	45.815	nq	98
75) Fluoranthene	19.43	202	578018	46.789	nq	99
77) Benzidine	19.62	184	162645	41.670	nq	98
78) Pyrene	19.80	202	583371	48.595	nq	99
80) Butylbenzylphthalate	20.68	149	211405	46.482	nq	97
81) Benzo(a)anthracene	21.63	228	581649	47.879	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	115896	24.665	nq	99
83) Chrysene	21.70	228	568626	47.110	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	303896	47.038	nq	99
85) Di-n-octyl phthalate	22.72	149	528504	48.217	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	739334	48.797	nq	99
88) Benzo(b)fluoranthene	23.83	252	600336	46.927	nq	99
89) Benzo(k)fluoranthene	23.89	252	626297	48.630	nq	100
90) Benzo(a)pyrene	24.69	252	573172	46.918	nq	99
91) Dibenzo(a,h)anthracene	28.53	278	626145	50.110	nq	98
92) Benzo(g,h,i)perylene	29.62	276	616243	49.997	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

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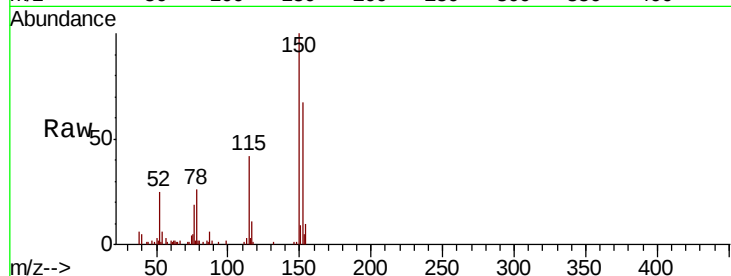
Tot Ion:152 Resp: 25098

Ion Ratio Lower Upper

152 100

150 149.2 129.4 194.0

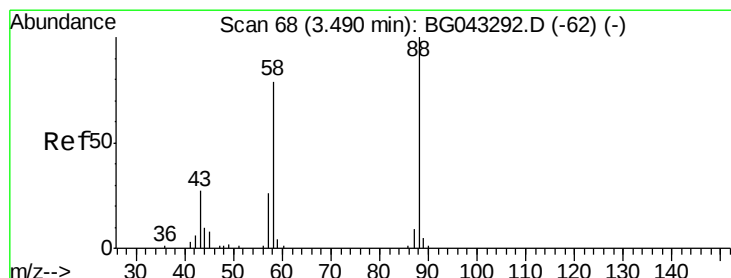
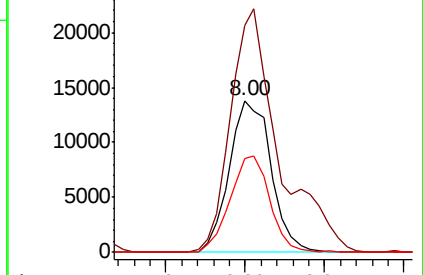
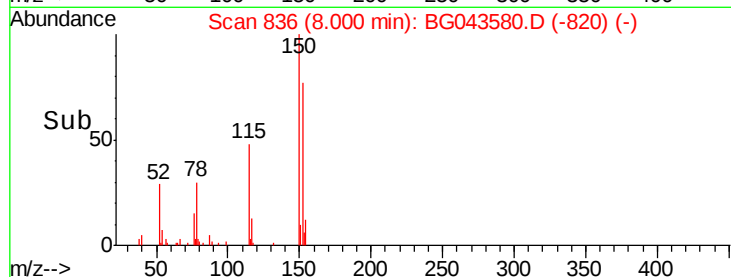
115 61.9 48.8 73.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.555 ng

RT: 3.46 min Scan# 64

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

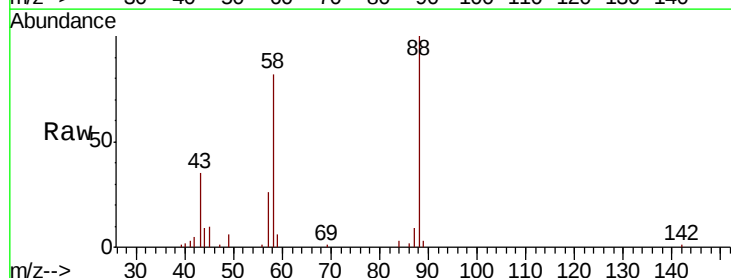
Tgt Ion: 88 Resp: 21646

Ion Ratio Lower Upper

88 100

58 76.9 62.7 94.1

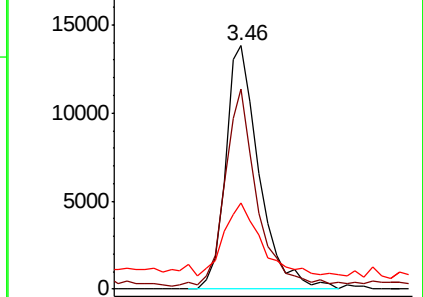
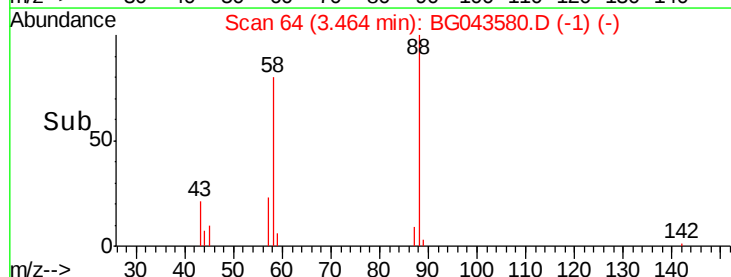
43 33.4 23.7 35.5



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: 40.015 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

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ClientSampleId :

SB-38-(2-4)MS

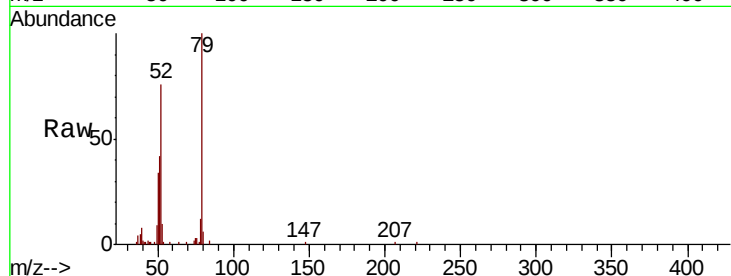
Tot Ion: 79 Resp: 53876

Ion Ratio Lower Upper

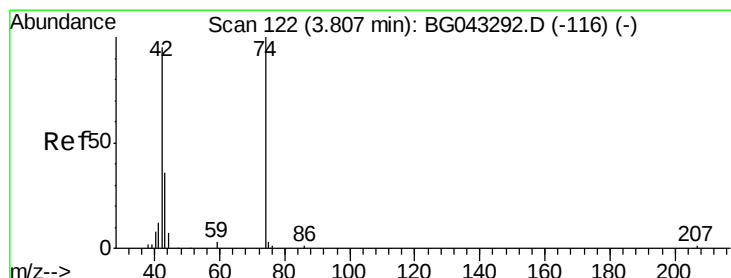
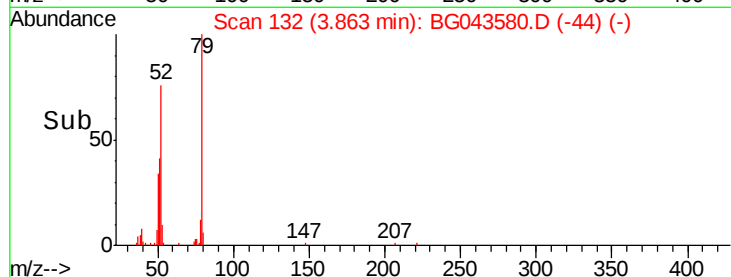
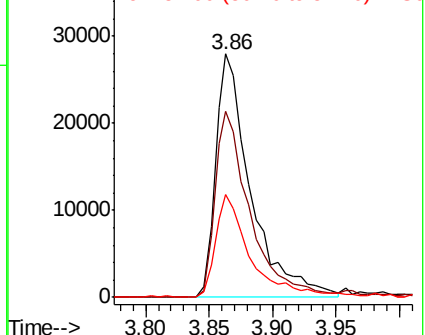
79 100

52 76.3 56.5 84.7

51 42.4 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 50.471 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

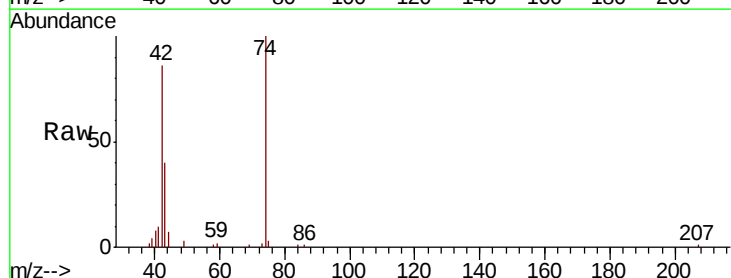
Tgt Ion: 42 Resp: 34290

Ion Ratio Lower Upper

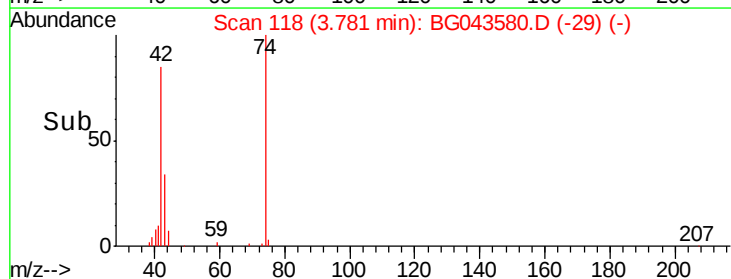
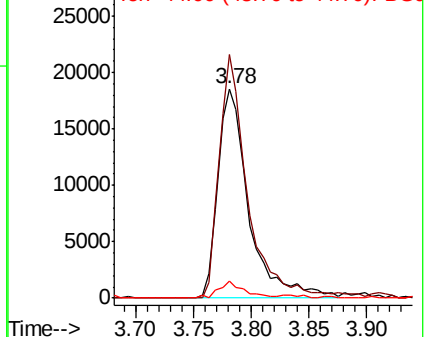
42 100

74 116.2 97.3 145.9

44 8.2 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 138.187 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

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ClientSampleId :

SB-38-(2-4)MS

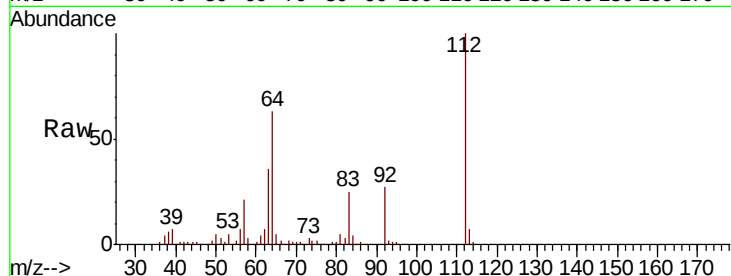
Tot Ion:112 Resp: 189267

Ion Ratio Lower Upper

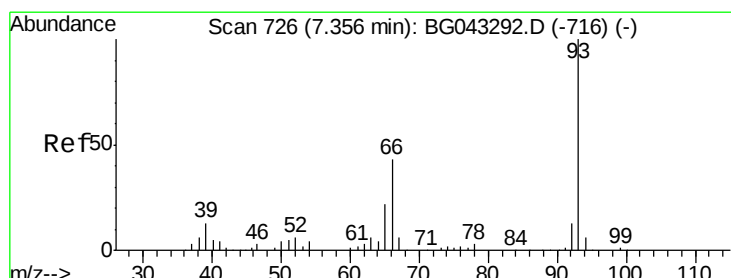
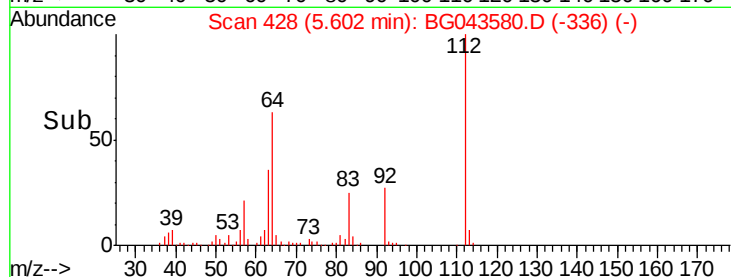
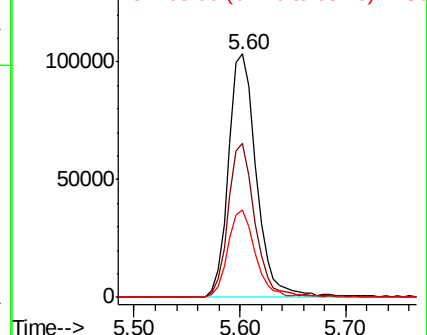
112 100

64 63.2 50.0 75.0

63 36.1 26.6 40.0



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: 20.093 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

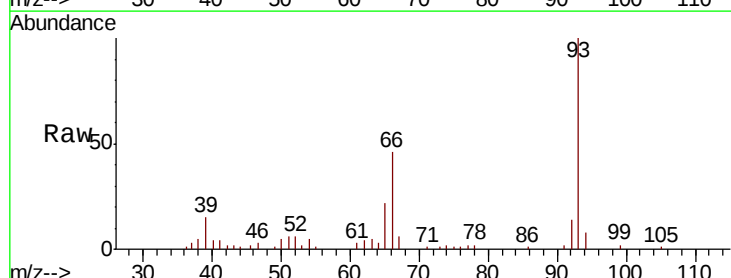
Tgt Ion: 93 Resp: 45611

Ion Ratio Lower Upper

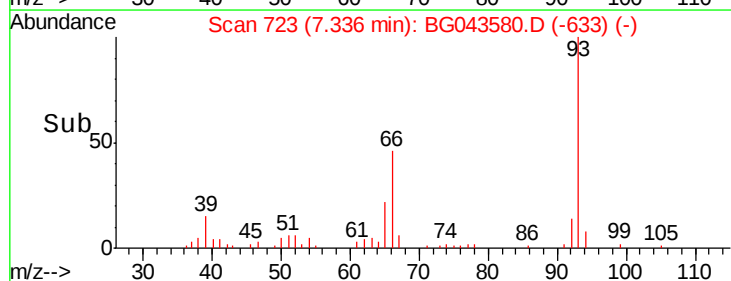
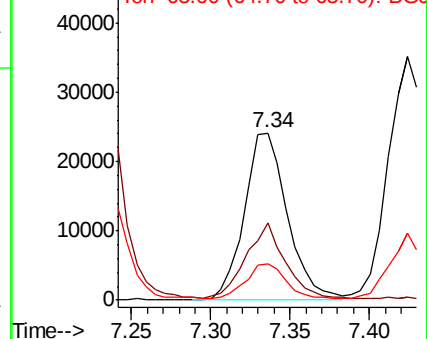
93 100

66 46.3 32.3 48.5

65 21.5 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.411 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043580.D

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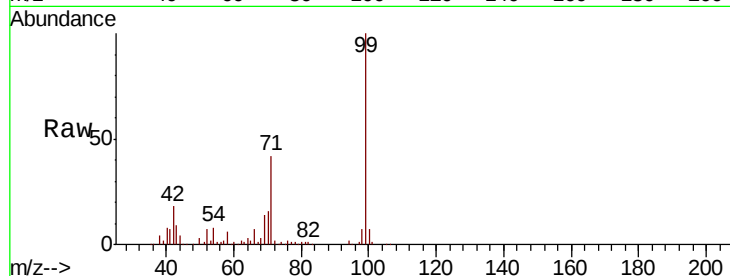
Tot Ion: 99 Resp: 270781

Ion Ratio Lower Upper

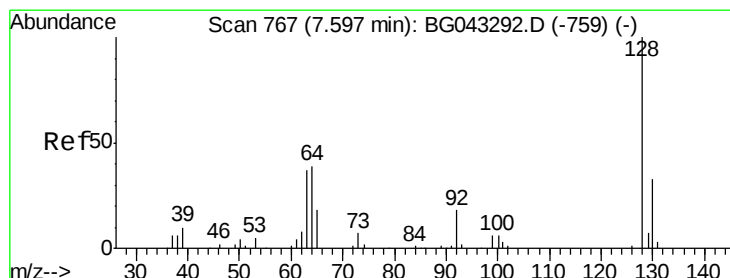
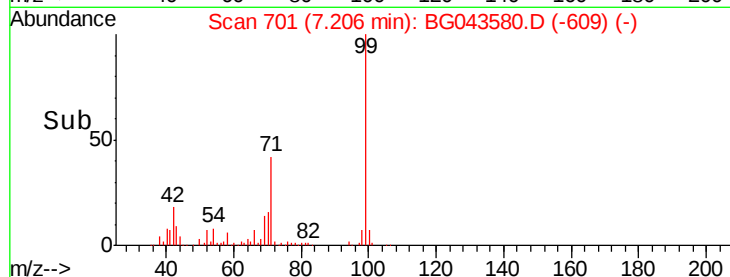
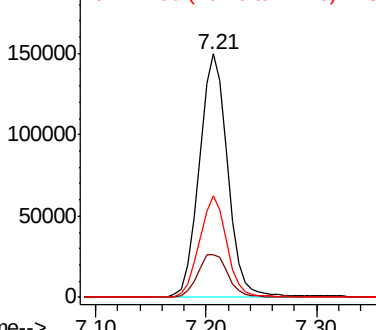
99 100

42 17.7 14.6 21.8

71 41.6 32.5 48.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.264 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

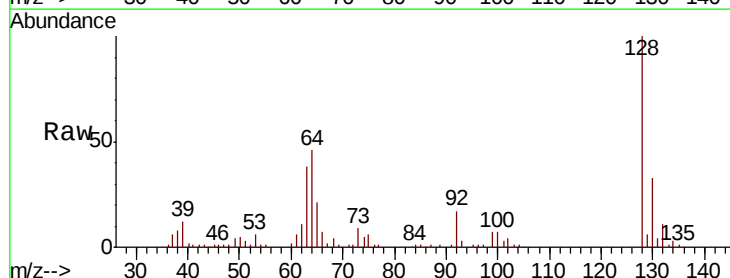
Tgt Ion: 128 Resp: 75996

Ion Ratio Lower Upper

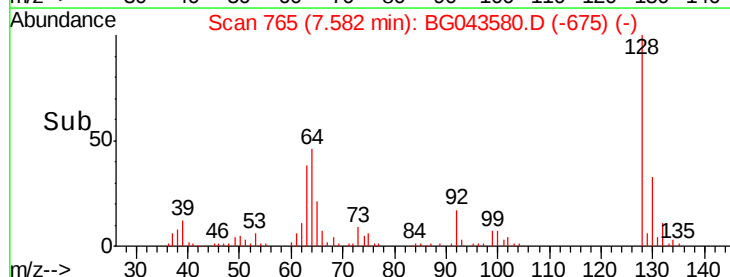
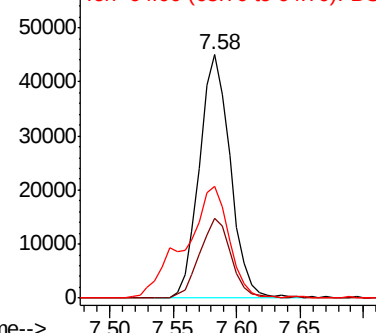
128 100

130 32.9 12.5 52.5

64 45.7 25.3 65.3



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





#9

Benzaldehyde

Concen: 37.048 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

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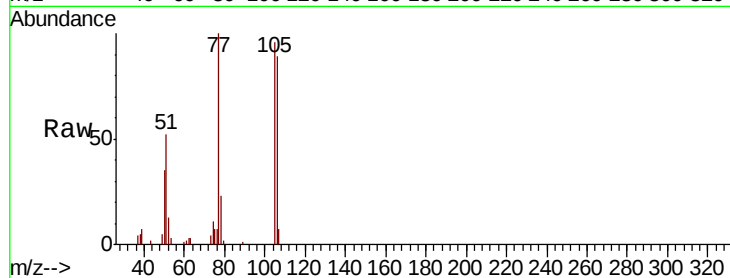
Tot Ion: 77 Resp: 35879

Ion Ratio Lower Upper

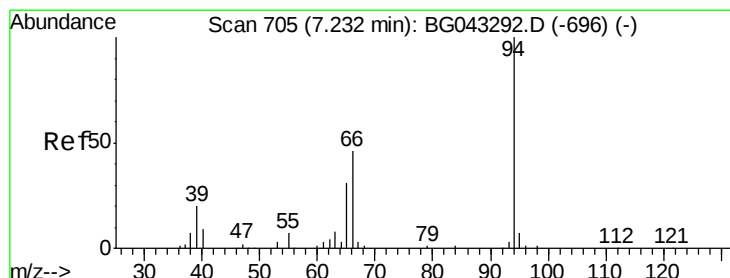
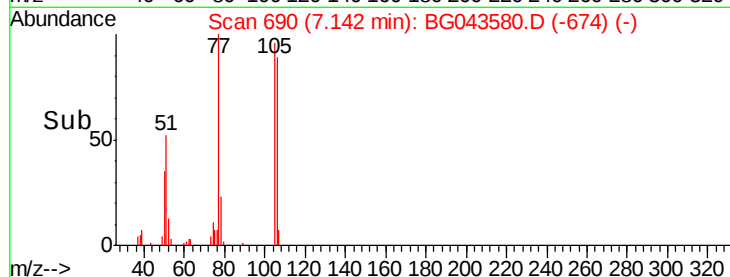
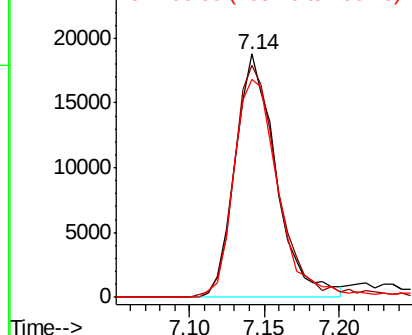
77 100

105 95.5 68.6 108.6

106 89.3 69.9 109.9



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: 57.788 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

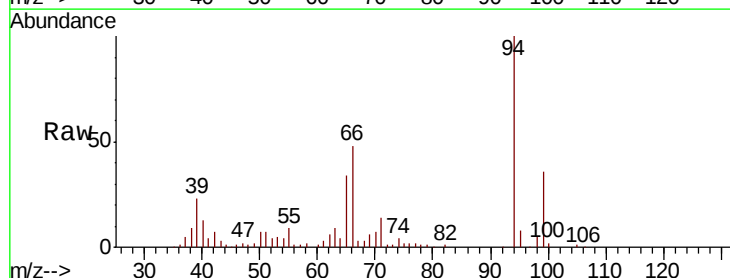
Tgt Ion: 94 Resp: 104060

Ion Ratio Lower Upper

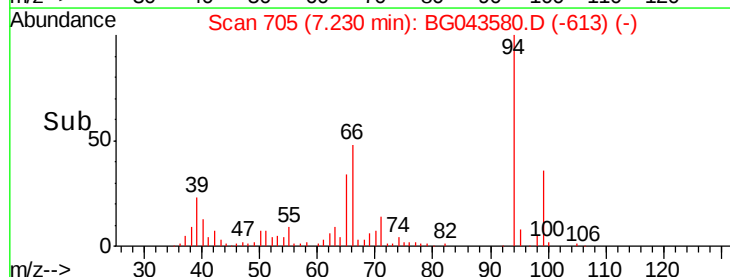
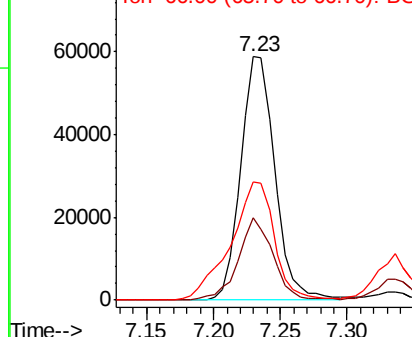
94 100

65 33.6 12.6 52.6

66 48.5 30.7 70.7



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

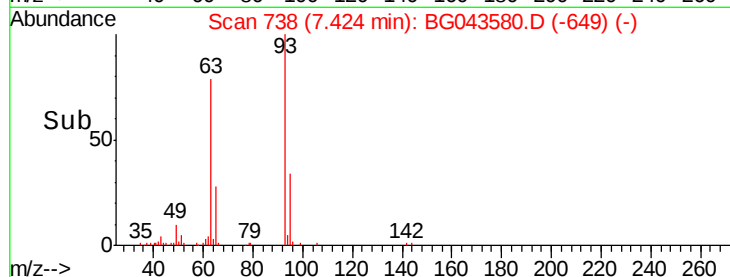
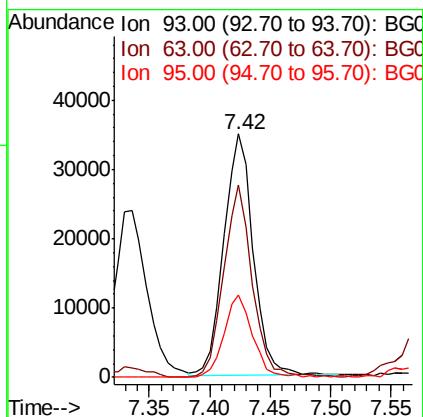
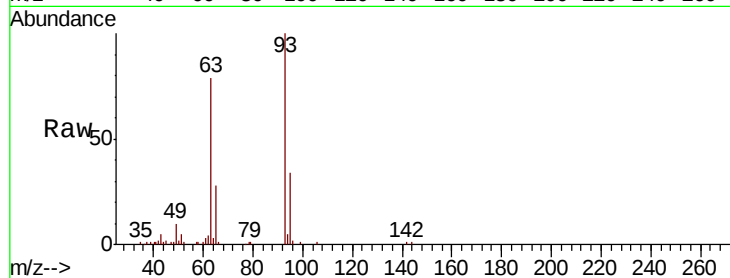




#11
bis(2-Chloroethyl)ether
Concen: 42.284 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

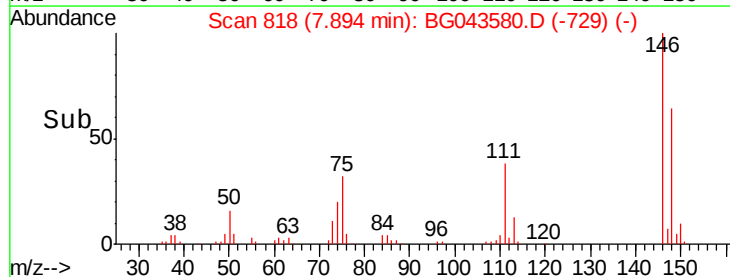
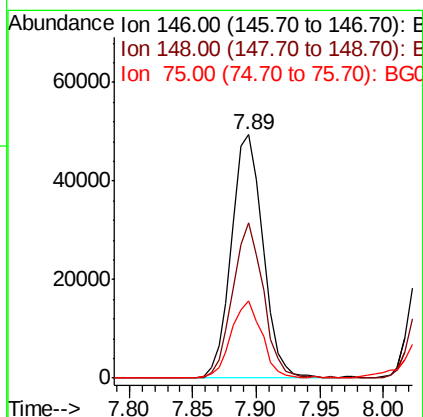
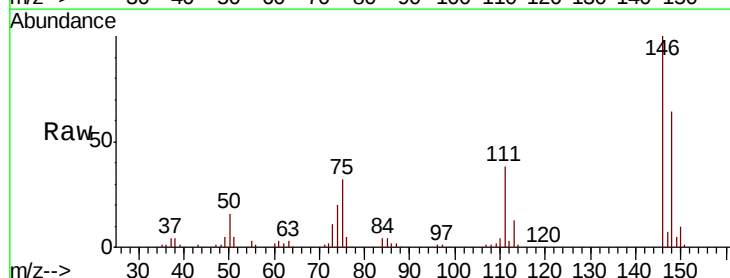
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

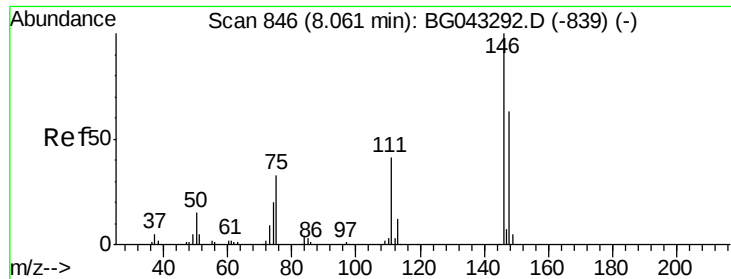
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	56.3	96.3
95	33.9	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 45.075 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	31.9	24.6	37.0

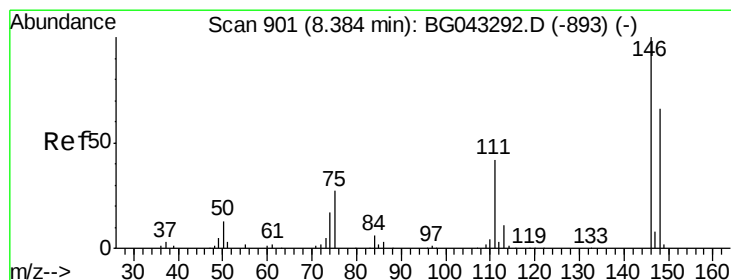
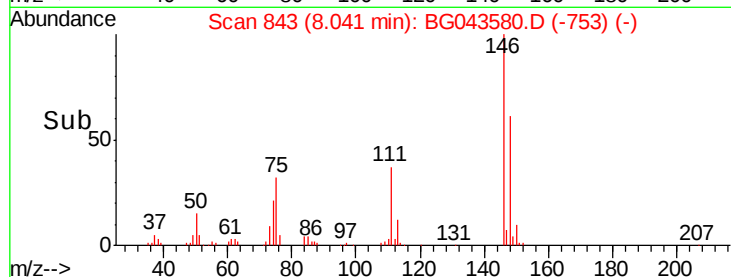
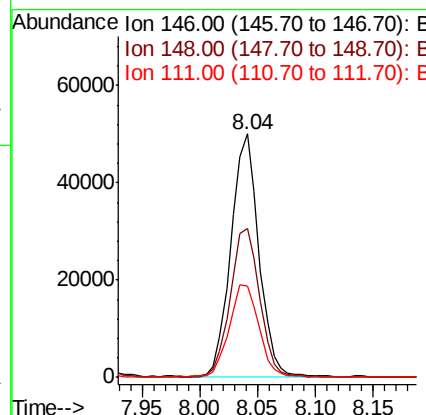
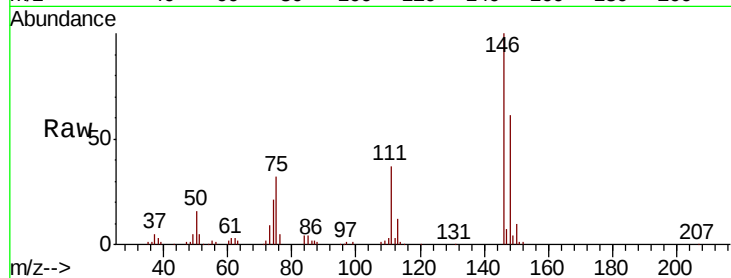




#13
 1,4-Dichlorobenzene
 Concen: 44.027 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

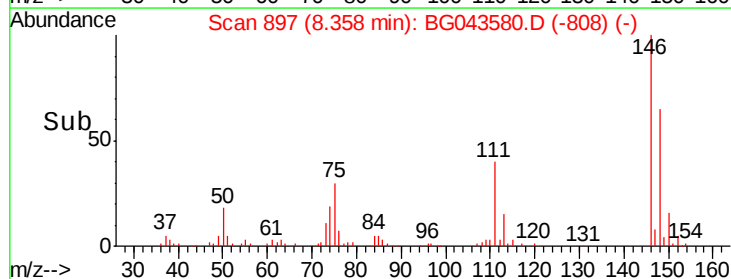
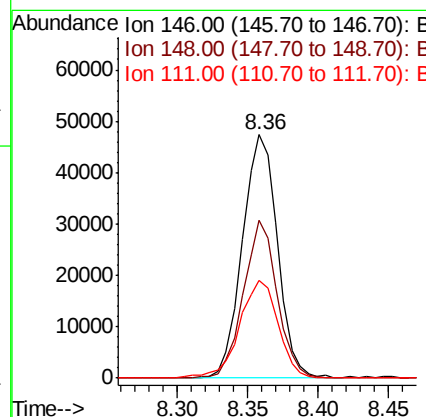
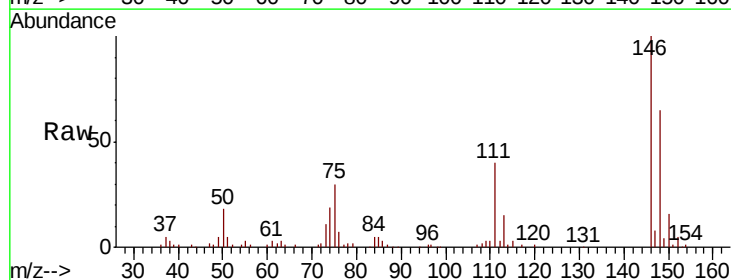
Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

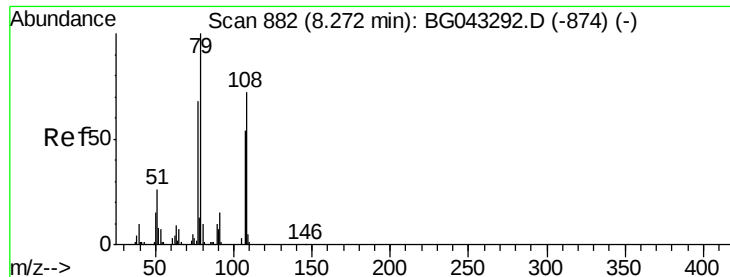
Tot Ion:146 Resp: 84381
 Ion Ratio Lower Upper
 146 100
 148 61.1 50.7 76.1
 111 37.3 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 44.050 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion:146 Resp: 82433
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.2 79.8
 111 40.0 35.8 53.6





#15

Benzyl Alcohol

Concen: 47.213 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

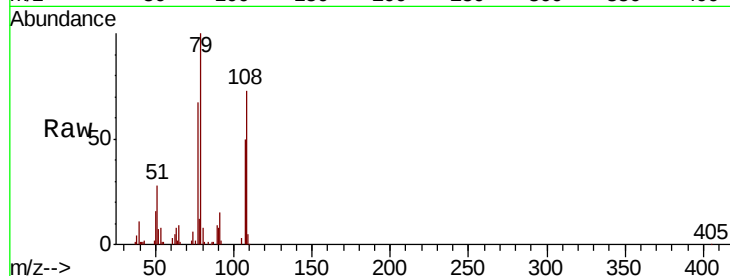
Tot Ion: 79 Resp: 65340

Ion Ratio Lower Upper

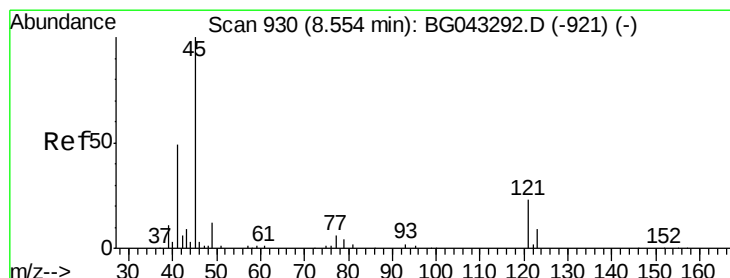
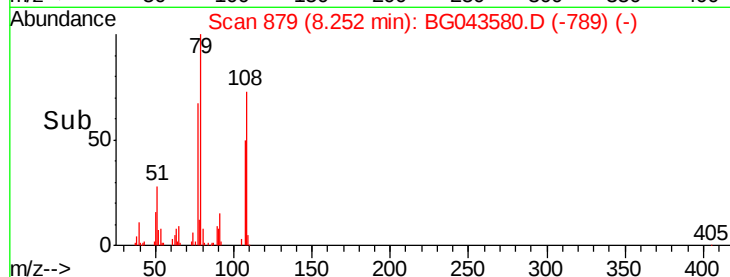
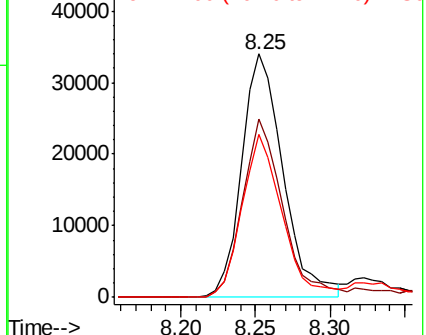
79 100

108 73.5 53.6 80.4

77 66.8 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.454 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

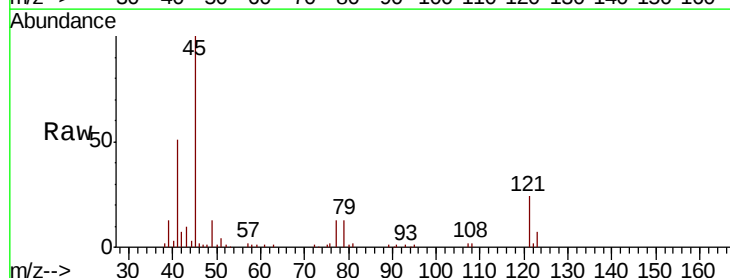
Tgt Ion: 45 Resp: 83919

Ion Ratio Lower Upper

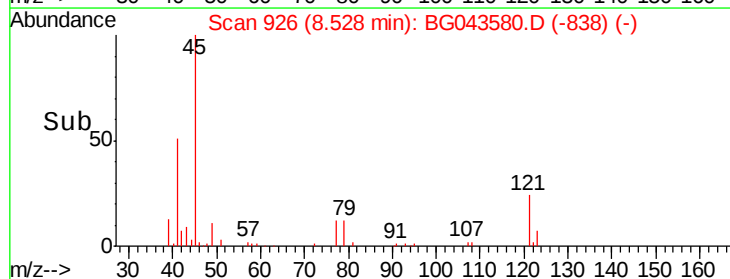
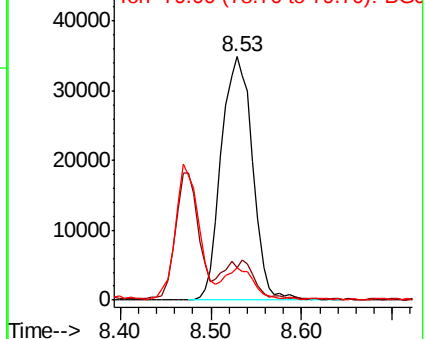
45 100

77 13.4 0.0 34.9

79 13.1 0.0 33.0



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





#17

2-Methylphenol

Concen: 47.252 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:107 Resp: 62029

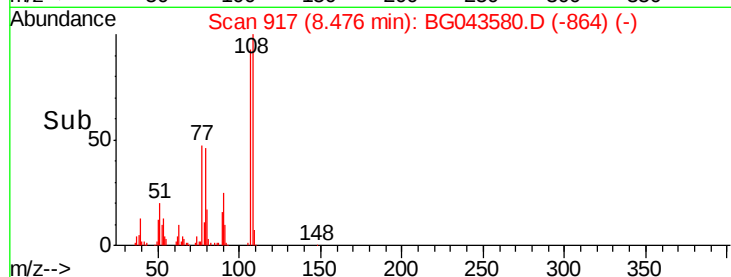
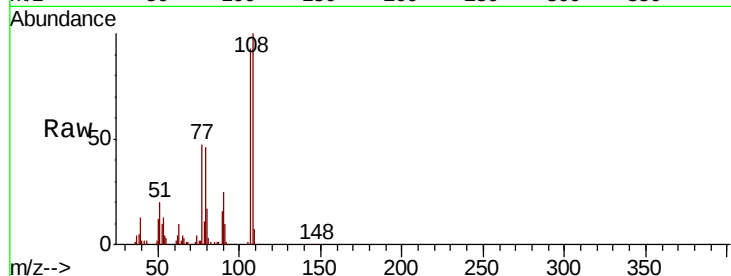
Ion Ratio Lower Upper

107 100

108 107.6 90.2 135.4

77 50.6 40.2 60.2

79 49.4 44.0 66.0

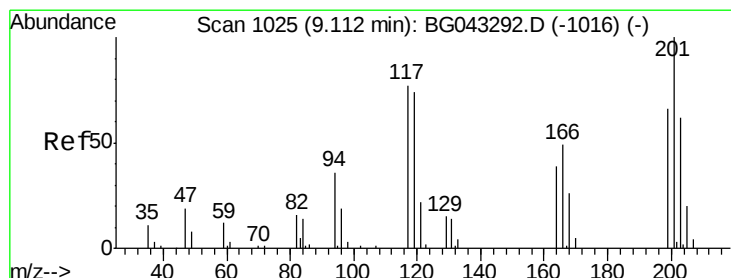
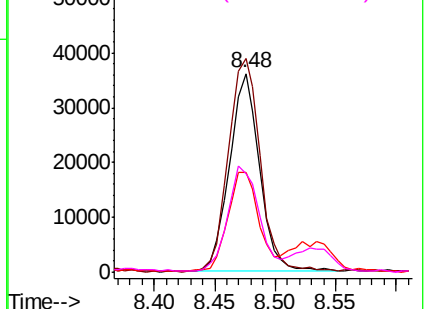


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.091 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

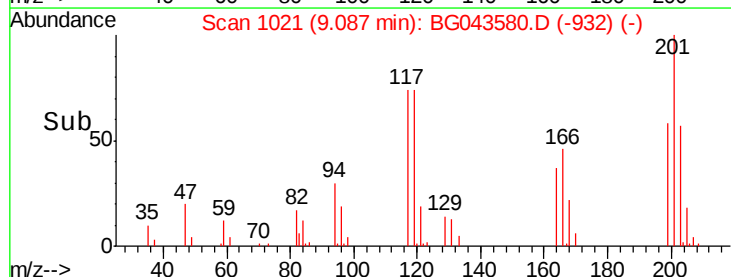
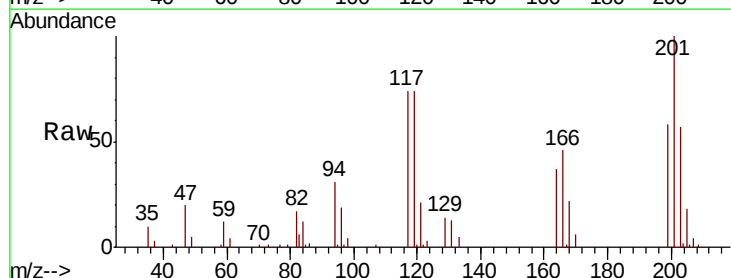
Tgt Ion:117 Resp: 30488

Ion Ratio Lower Upper

117 100

119 100.4 79.0 118.4

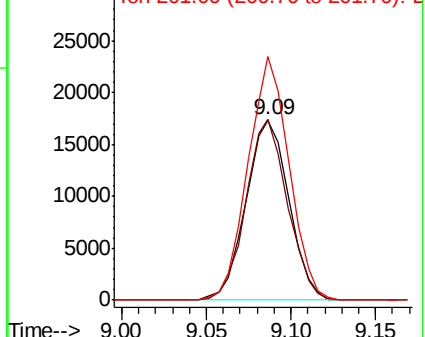
201 135.2 105.4 158.2

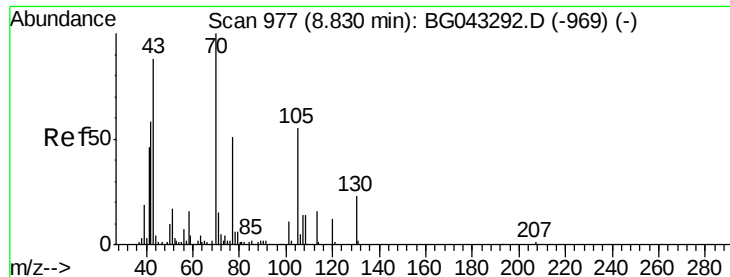


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

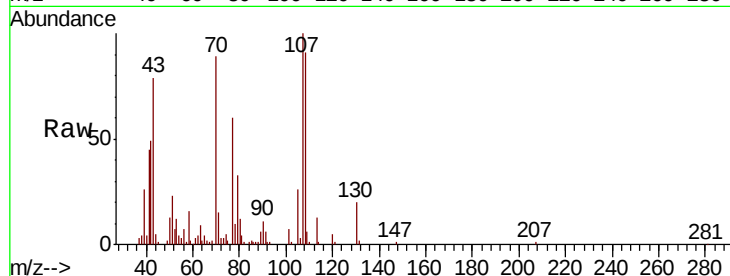




#19
n-Nitroso-di-n-propylamine
Concen: 42.232 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:	70	Resp:	53776
Ion	Ratio	Lower	Upper
70	100		
42	55.1	41.4	62.2
101	8.4	7.9	11.9
130	22.2	19.0	28.4



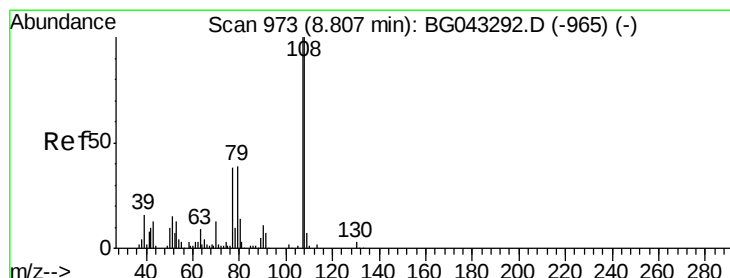
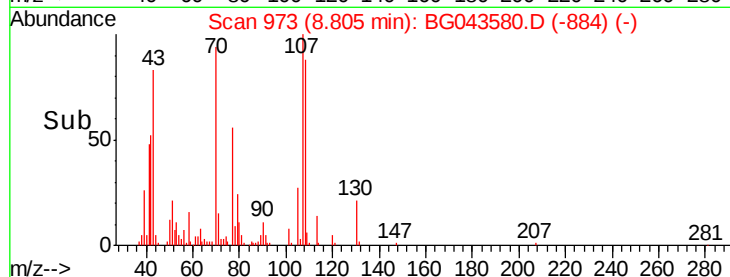
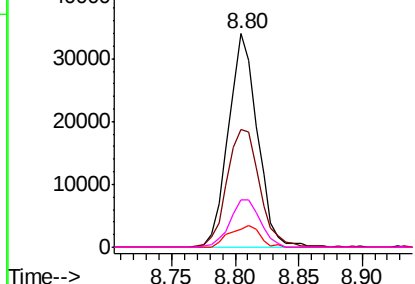
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

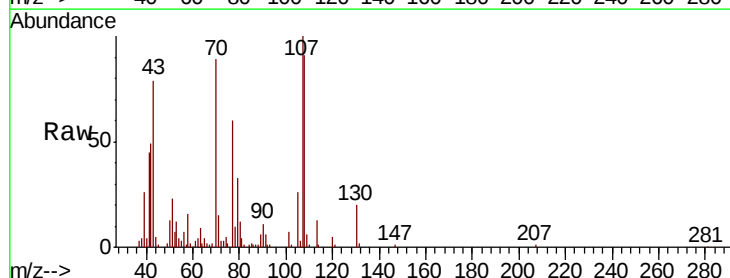
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 47.824 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:	107	Resp:	86087
Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.6	106.6
77	59.9	20.9	60.9
79	32.8	11.3	51.3



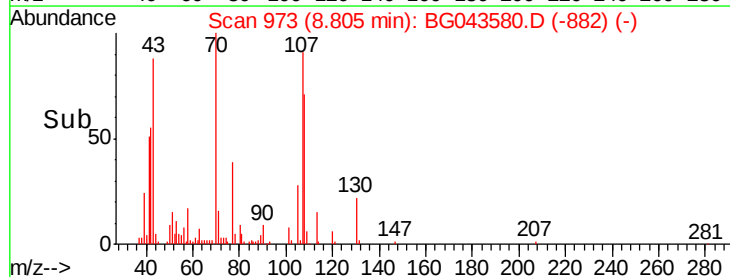
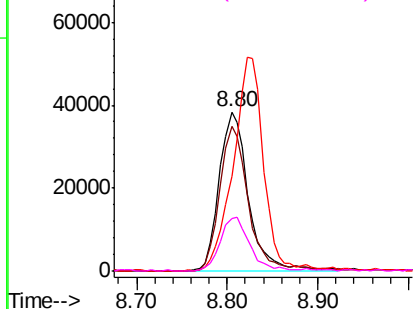
Abundance

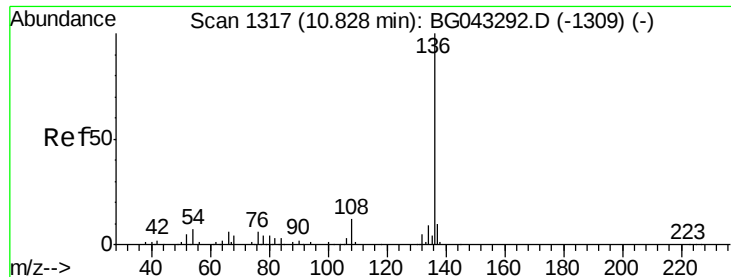
Ion 107.00 (106.70 to 107.70): BGC

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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:136 Resp: 97933

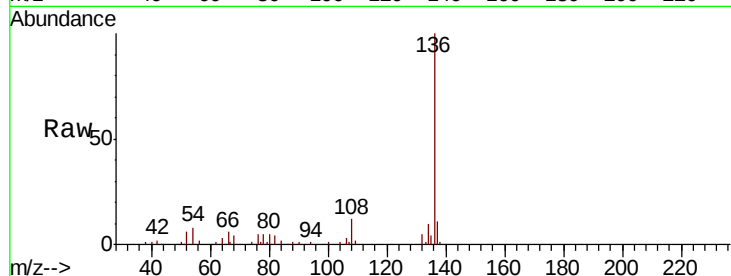
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.4 5.4 8.2#

68 4.2 3.0 4.4

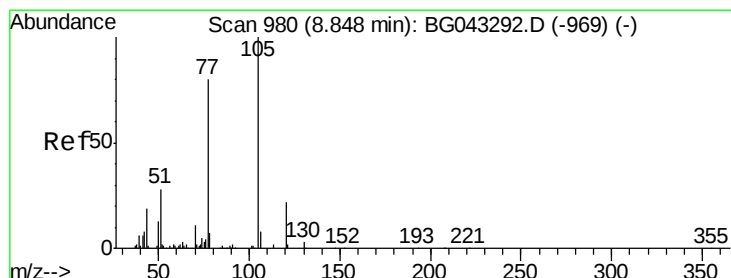
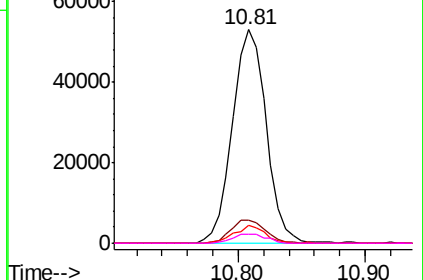
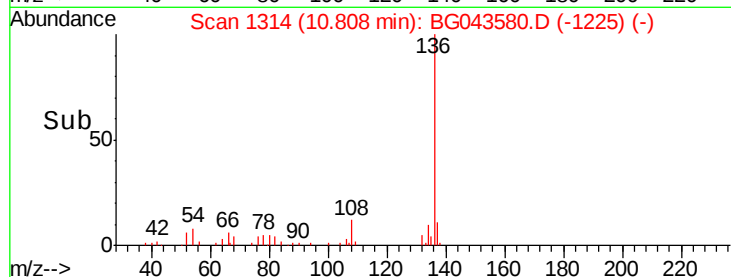


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.071 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:105 Resp: 108020

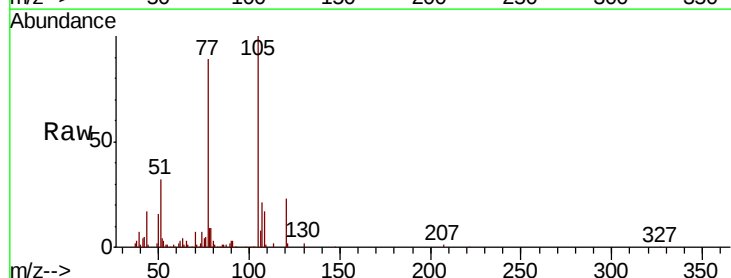
Ion Ratio Lower Upper

105 100

71 1.1 0.8 1.2

51 31.6 21.0 31.4#

120 23.1 18.0 27.0

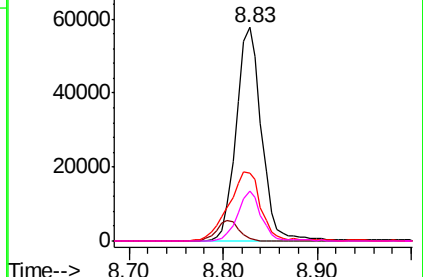
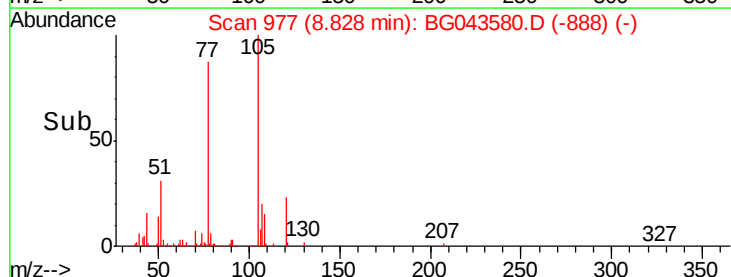


Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.528 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

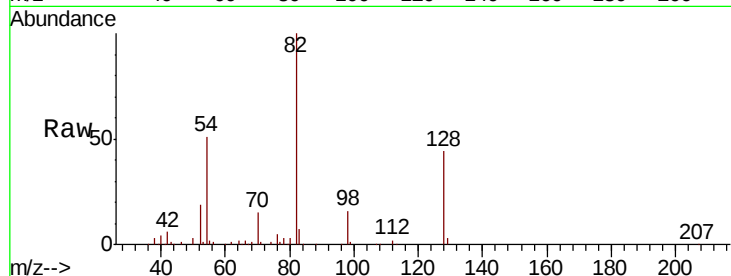
Tot Ion: 82 Resp: 160569

Ion Ratio Lower Upper

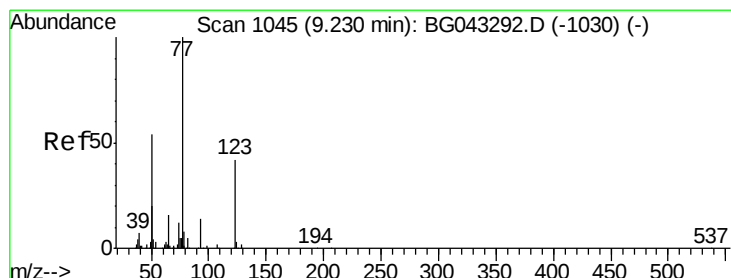
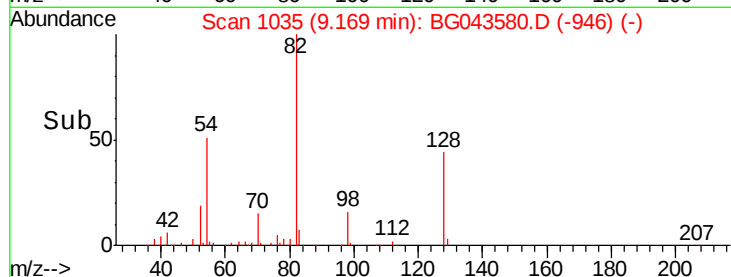
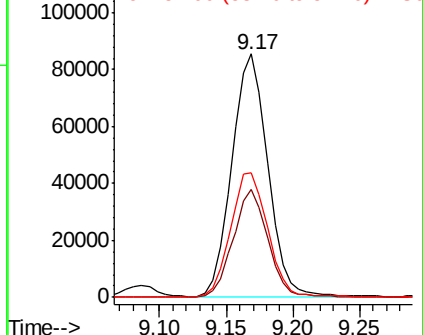
82 100

128 44.2 35.0 52.6

54 51.2 40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 47.378 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

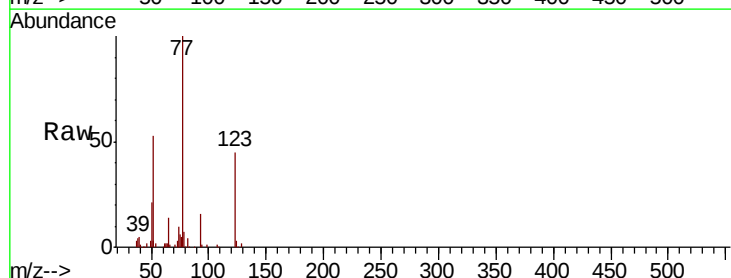
Tgt Ion: 77 Resp: 85734

Ion Ratio Lower Upper

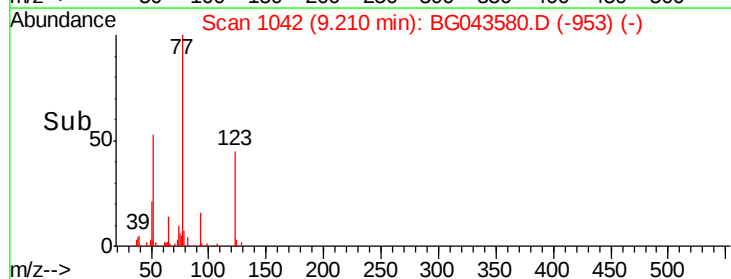
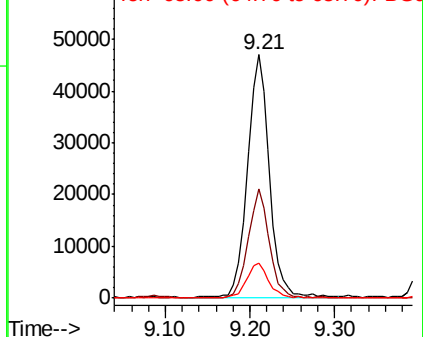
77 100

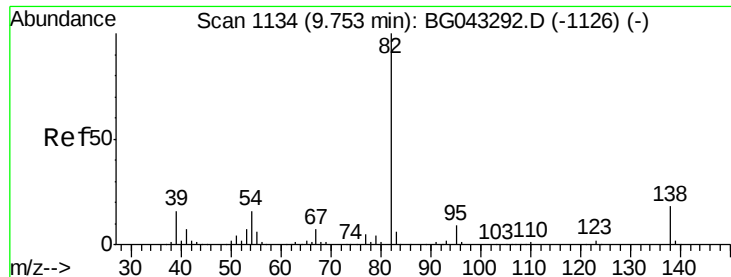
123 45.0 35.0 52.6

65 14.3 9.5 14.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

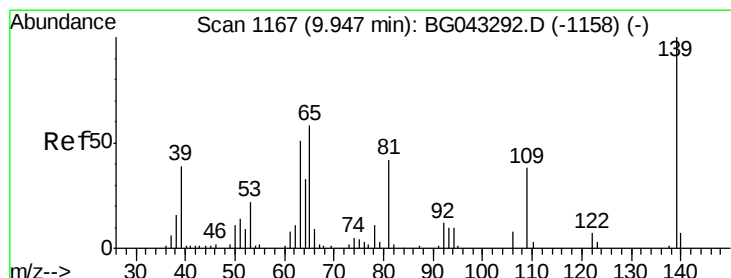
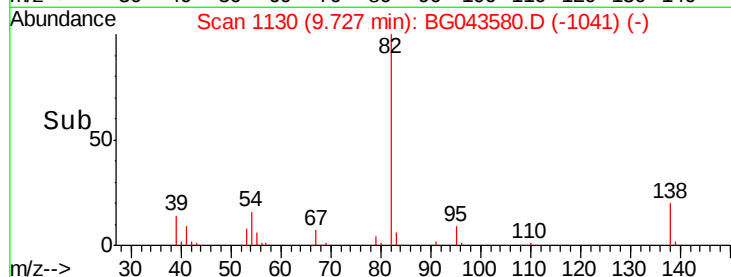
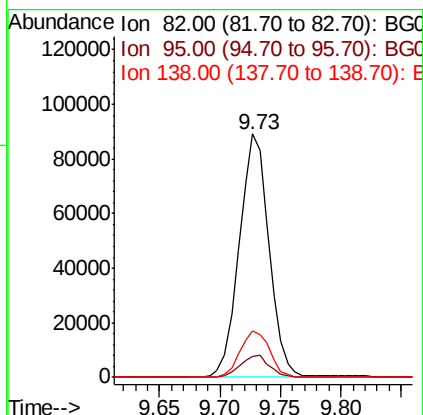
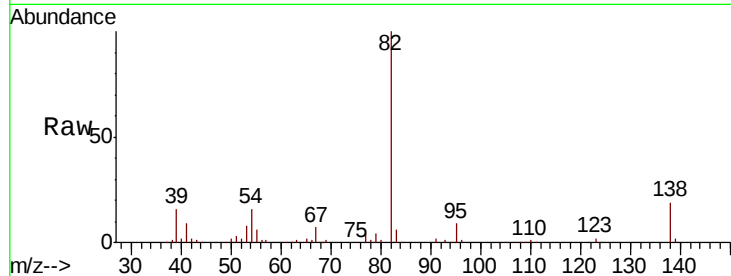




#25
Isophorone
Concen: 44.184 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

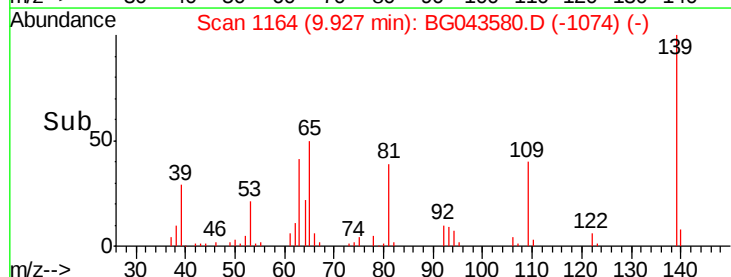
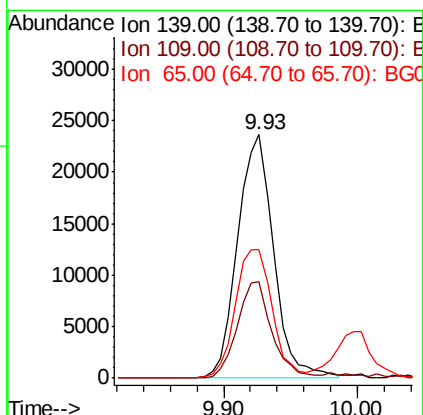
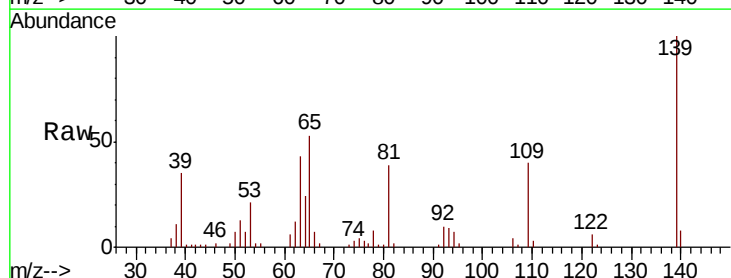
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

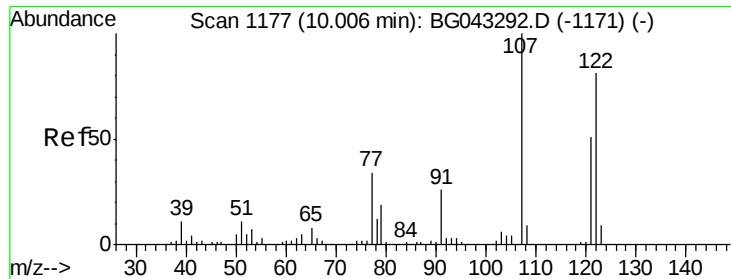
Tot Ion: 82 Resp: 153452
Ion Ratio Lower Upper
82 100
95 8.6 6.6 9.8
138 19.0 15.2 22.8



#26
2-Nitrophenol
Concen: 50.452 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion: 139 Resp: 44077
Ion Ratio Lower Upper
139 100
109 39.9 26.5 39.7#
65 52.6 43.8 65.8

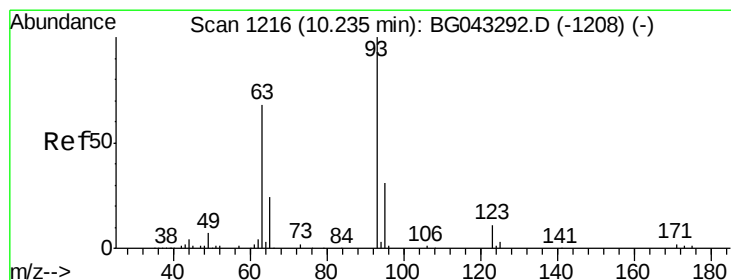
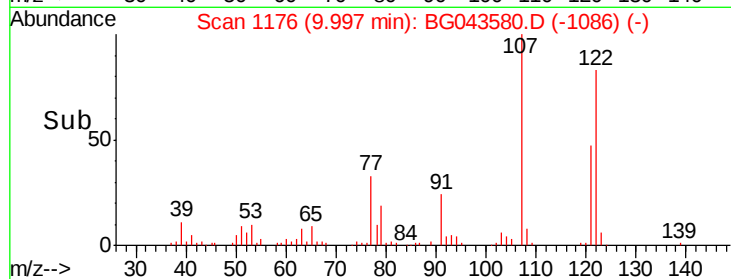
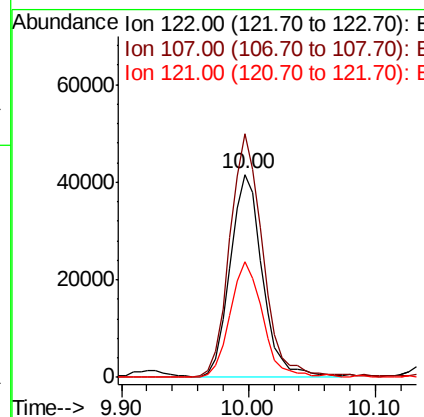
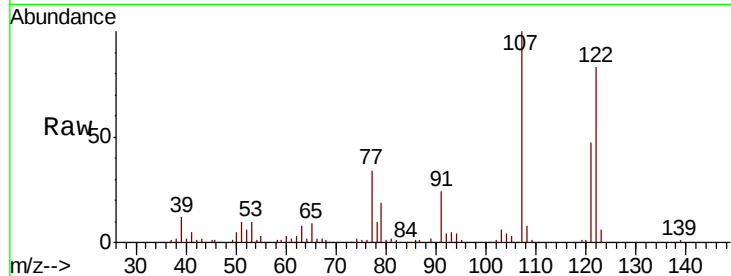




#27
 2,4-Dimethylphenol
 Concen: 57.877 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

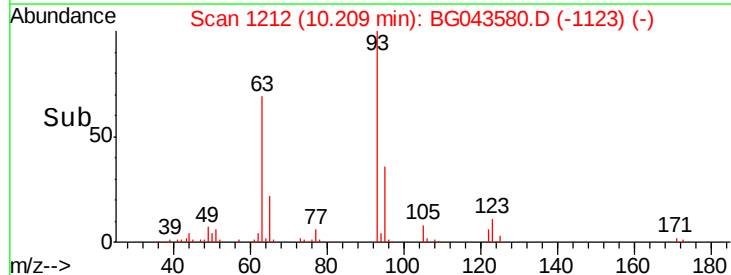
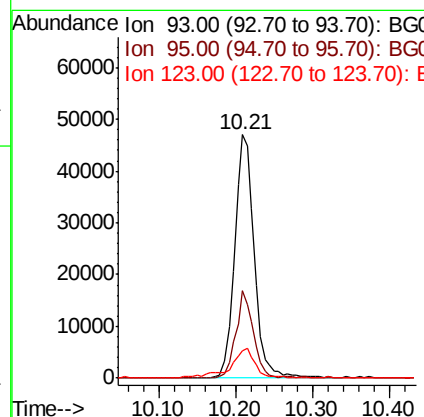
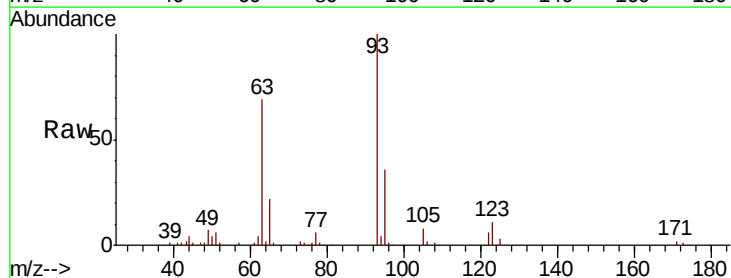
Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion:122 Resp: 72471
 Ion Ratio Lower Upper
 122 100
 107 119.8 104.4 156.6
 121 56.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.716 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion: 93 Resp: 83796
 Ion Ratio Lower Upper
 93 100
 95 35.9 26.0 39.0
 123 11.4 10.6 15.8

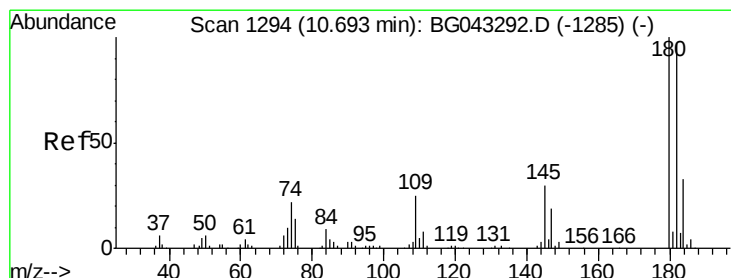
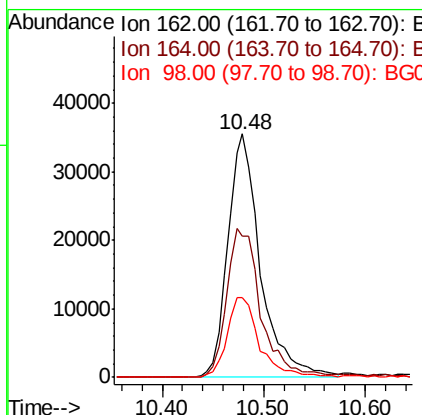
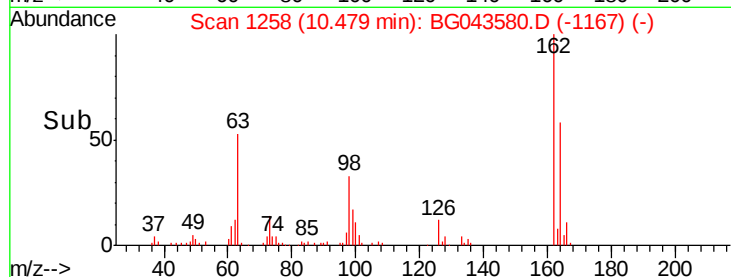
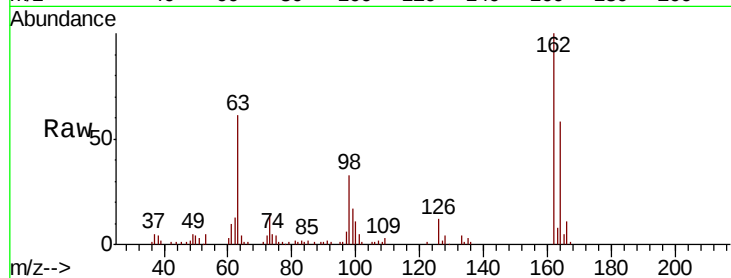




#29
 2,4-Dichlorophenol
 Concen: 49.426 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

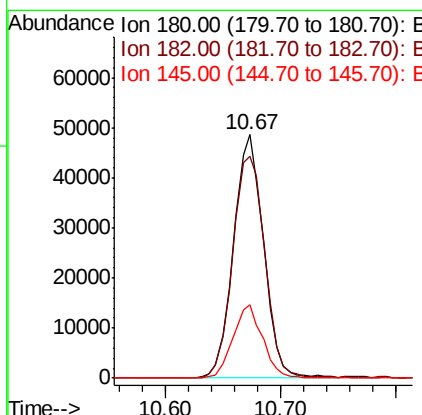
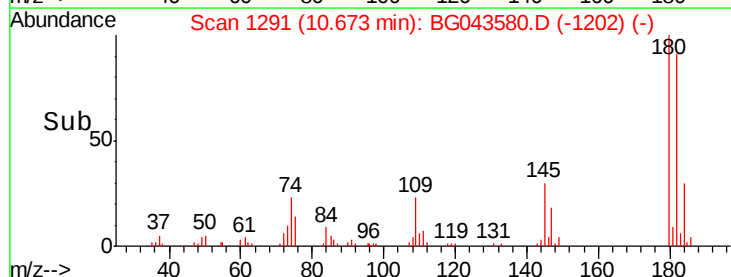
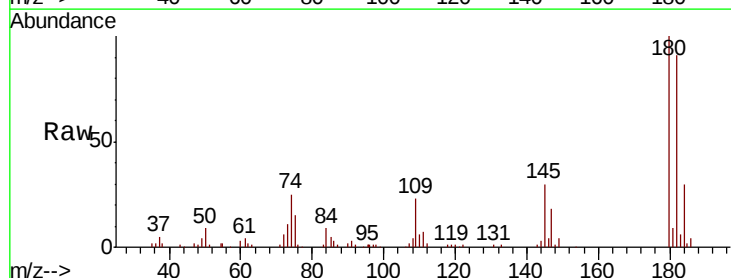
Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.2	48.9	88.9
98	33.0	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.298 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.1	112.7
145	30.0	23.9	35.9

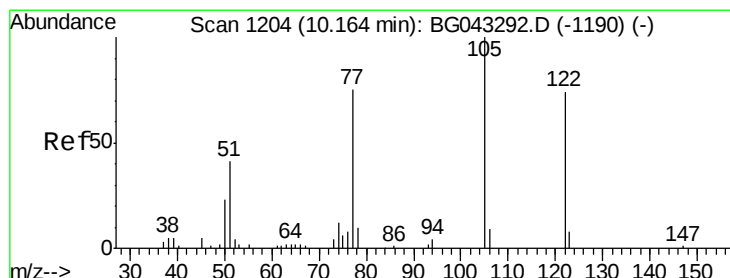
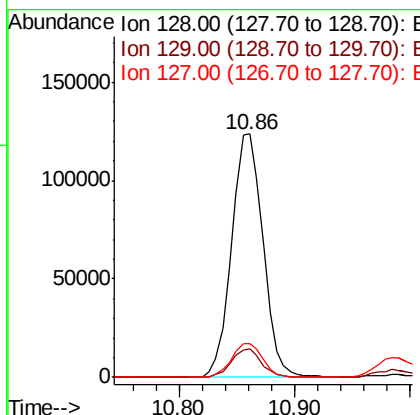
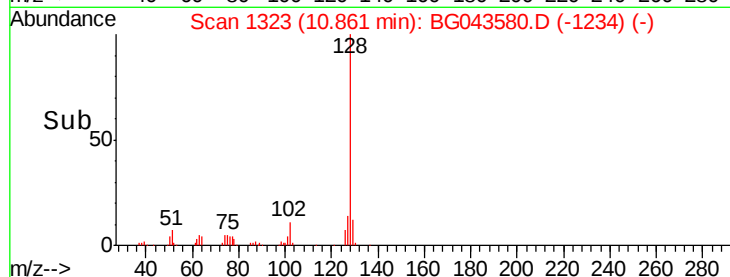
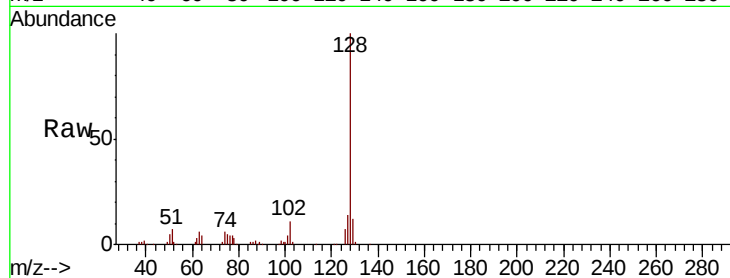




#31
Naphthalene
Concen: 46.829 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

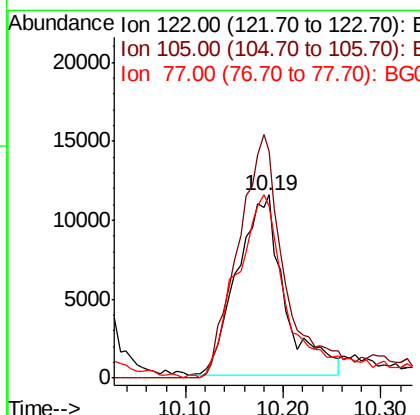
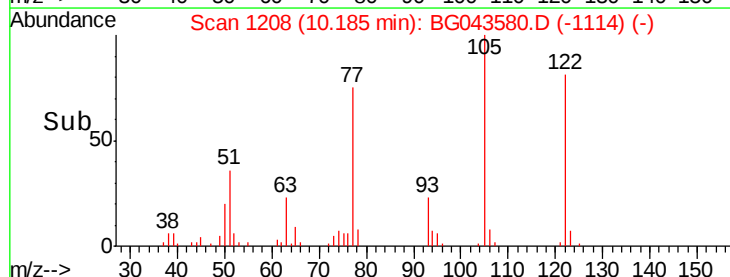
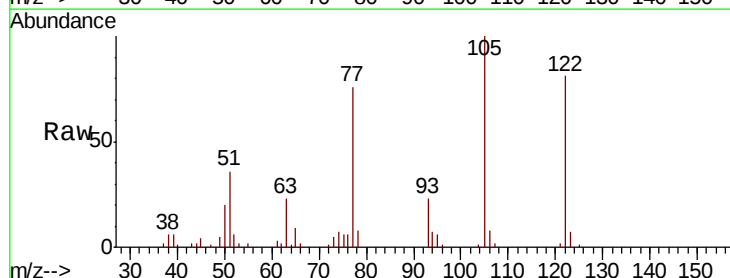
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:128 Resp: 232790
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 42.038 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:122 Resp: 38868
Ion Ratio Lower Upper
122 100
105 124.2 103.3 143.3
77 94.1 84.9 124.9

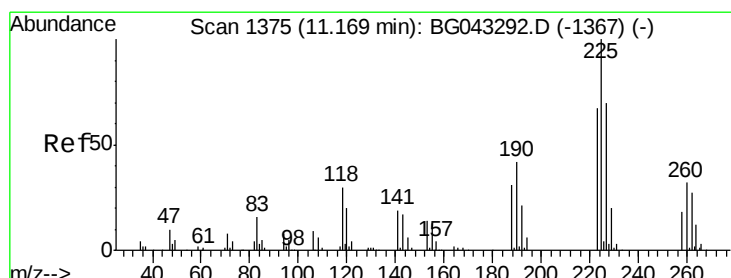
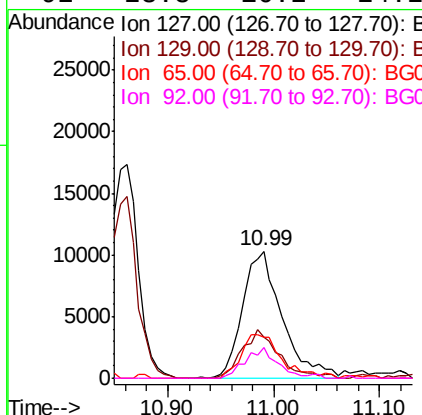
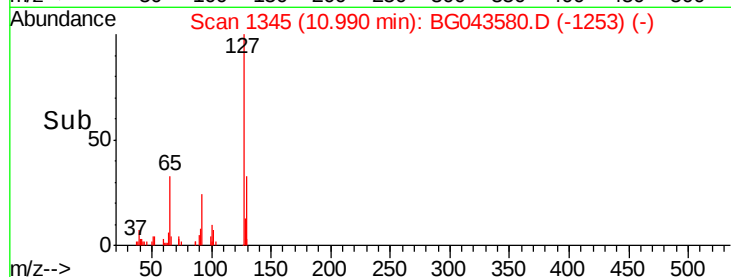
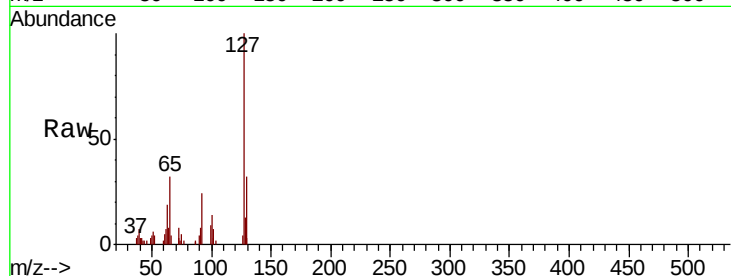




#33
4-Chloroaniline
Concen: 13.109 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

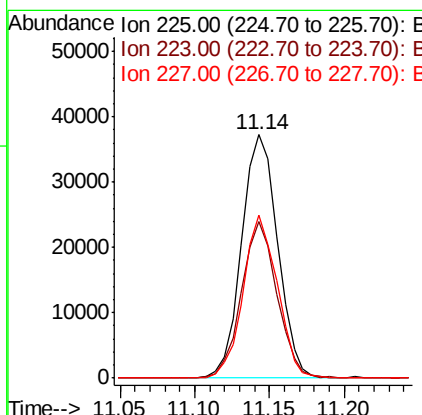
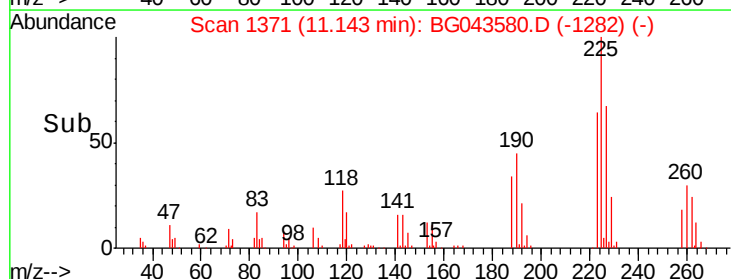
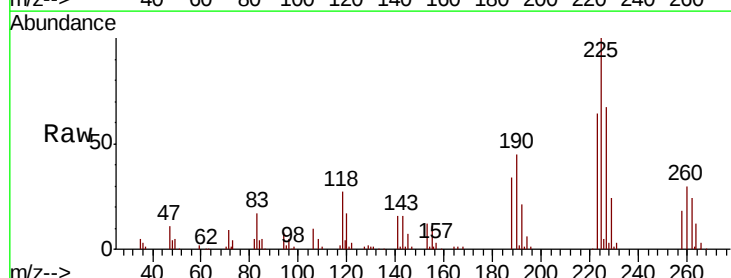
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

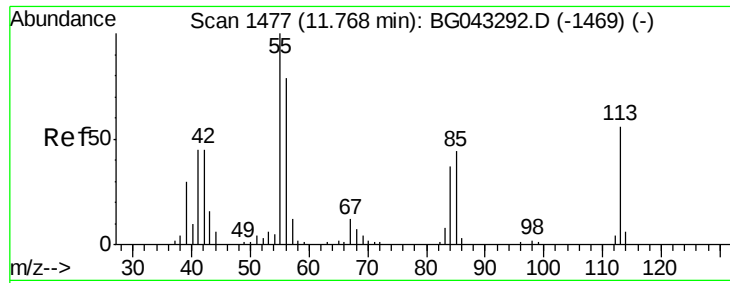
Tot Ion:127	Resp:	26712
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.5 39.7
65	32.2	26.4 39.6
92	23.8	16.2 24.2



#34
Hexachlorobutadiene
Concen: 41.645 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:225	Resp:	62249
Ion Ratio	Lower	Upper
225	100	
223	64.5	52.7 79.1
227	66.9	54.8 82.2





#35

Caprolactam

Concen: 35.984 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

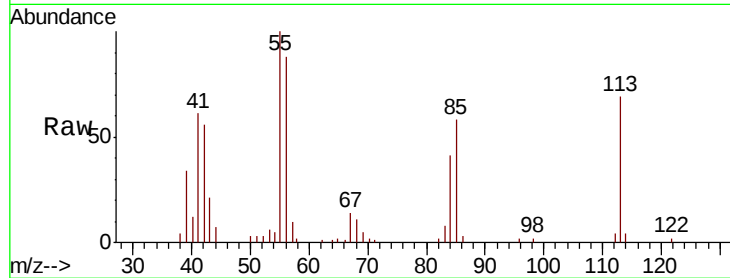
Tot Ion:113 Resp: 19883

Ion Ratio Lower Upper

113 100

55 145.3 134.1 174.1

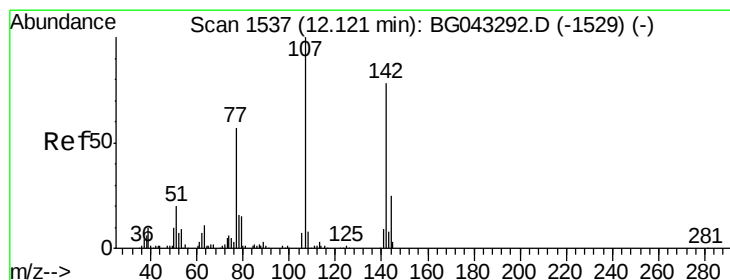
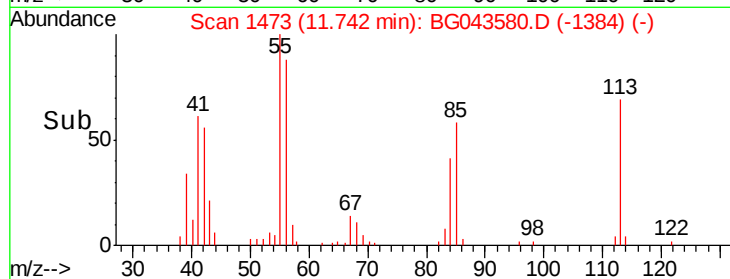
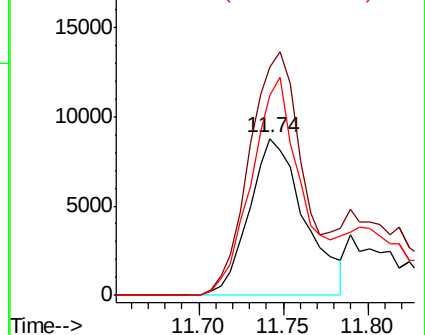
56 127.7 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.315 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

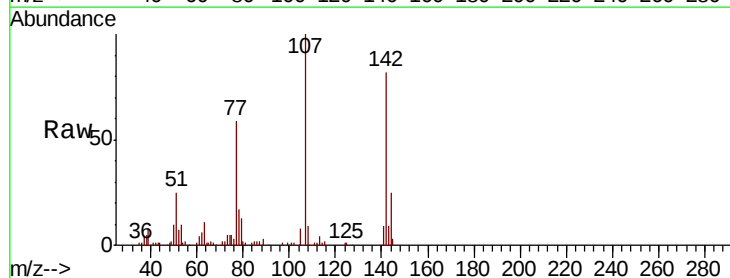
Tgt Ion:107 Resp: 88052

Ion Ratio Lower Upper

107 100

144 25.5 20.9 31.3

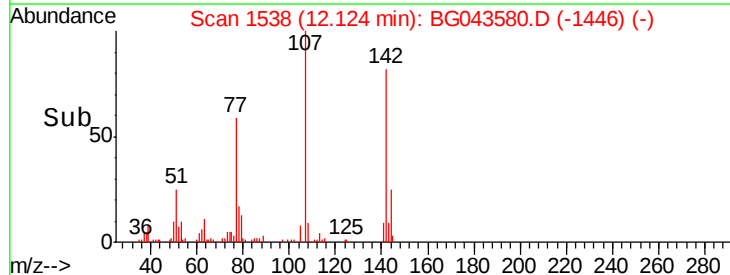
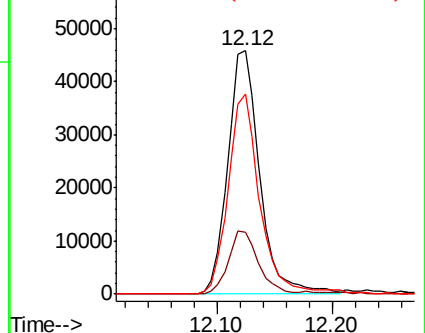
142 82.0 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

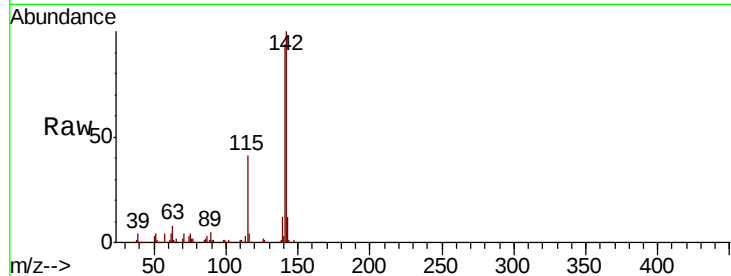




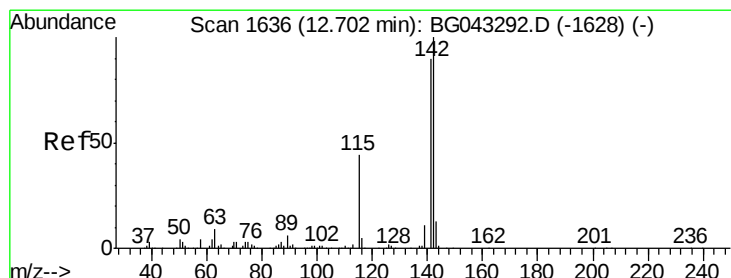
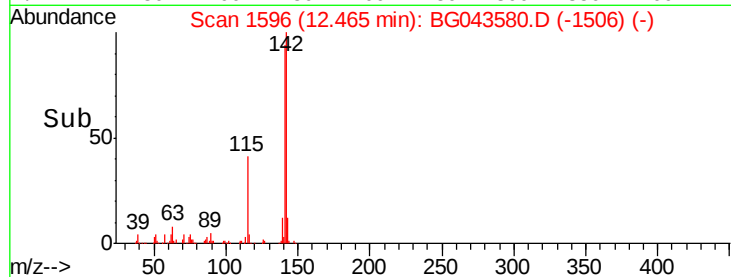
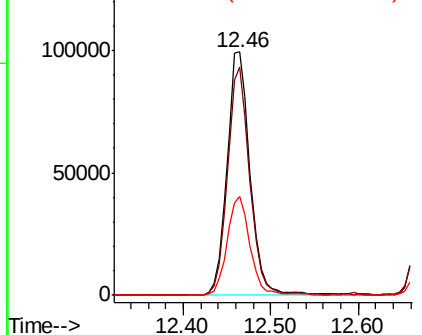
#37
2-Methylnaphthalene
Concen: 47.001 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.2	108.2
115	40.5	33.2	49.8

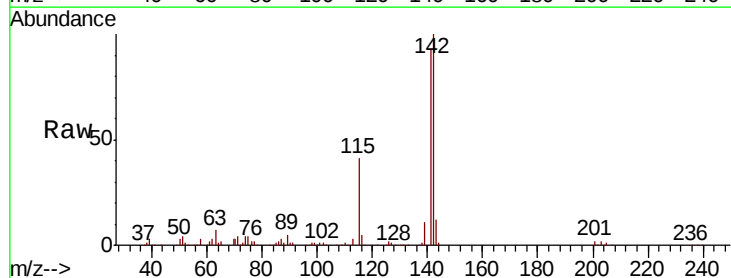


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

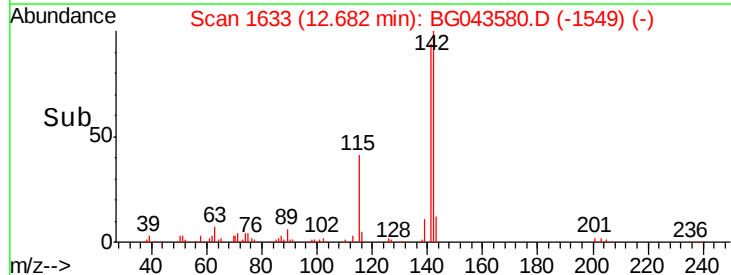
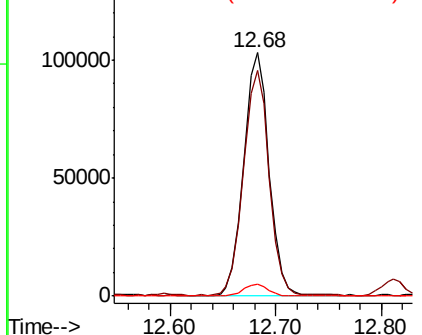


#38
1-Methylnaphthalene
Concen: 47.268 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.2	109.8
116	4.8	3.6	5.4



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: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

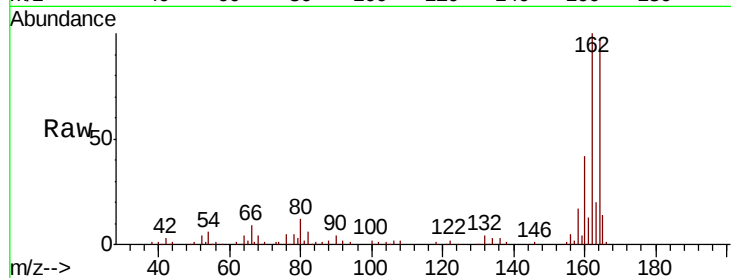
BNA_G

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:164 Resp: 72177

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.5	125.3
160	42.8	36.5	54.7

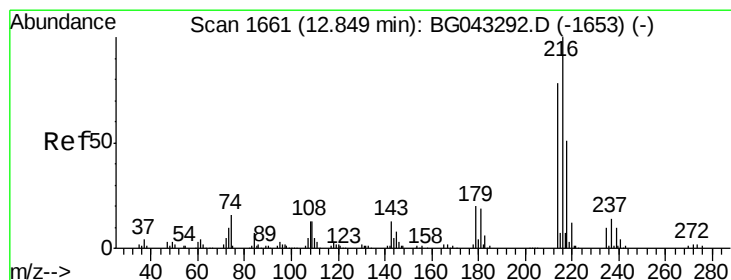
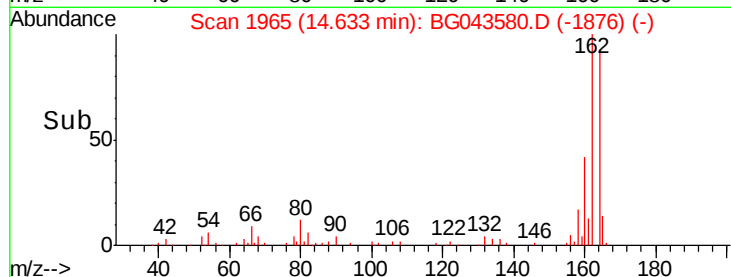
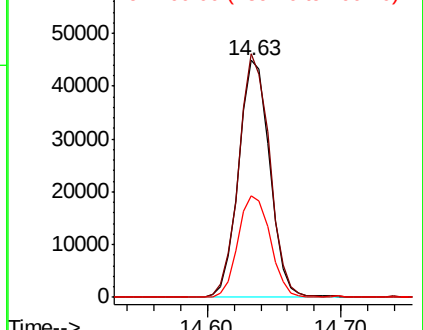


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.841 ng

RT: 12.83 min Scan# 1658

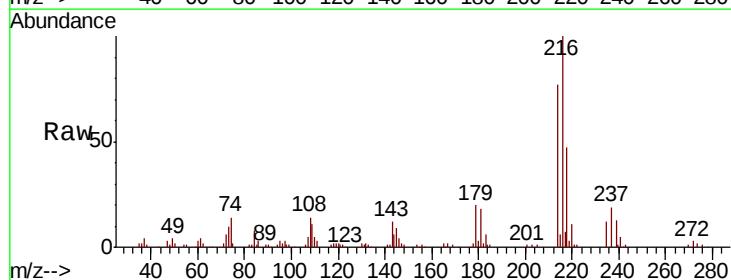
Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:216 Resp: 117108

Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.7	92.5
179	19.7	15.8	23.8
108	15.2	11.5	17.3



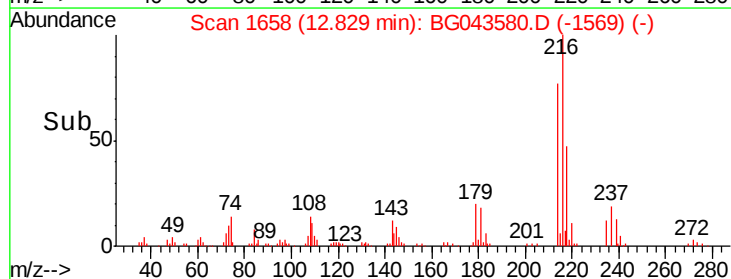
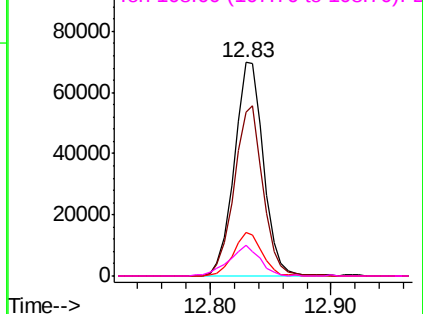
Abundance

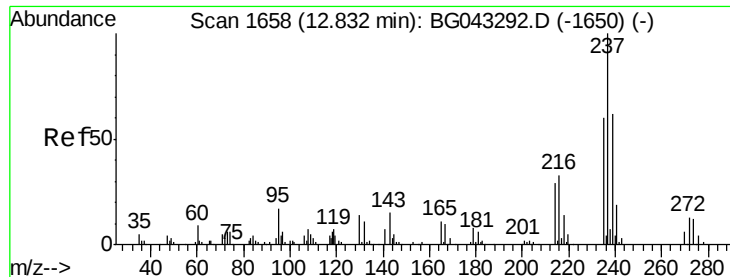
Ion 216.00 (215.70 to 216.70): E

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: 72.720 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

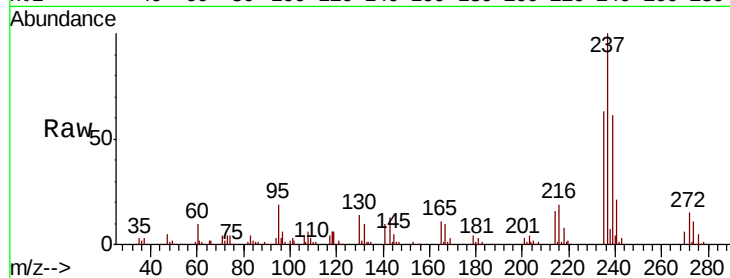
Tot Ion:237 Resp: 102039

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

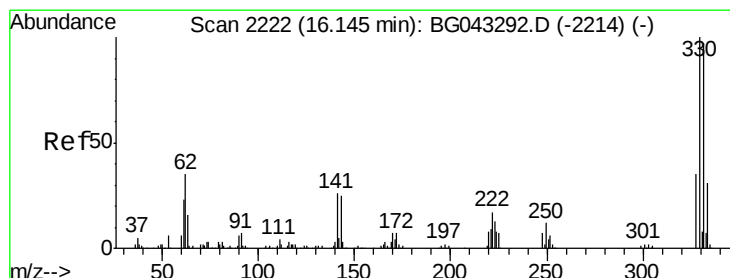
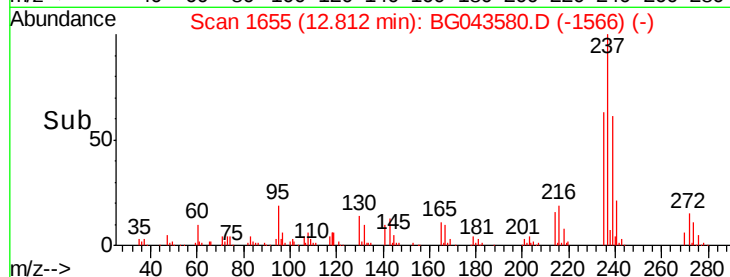
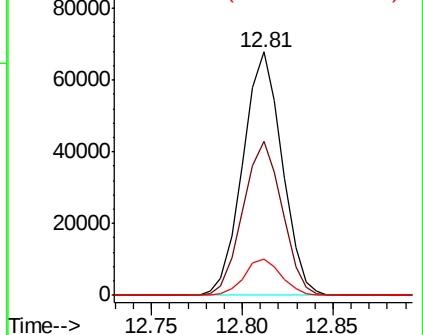
272 15.2 0.0 32.5



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: 131.016 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

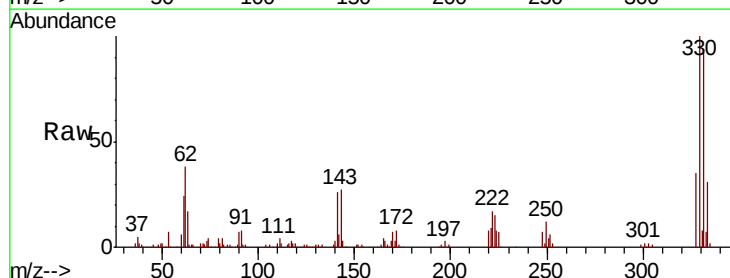
Tgt Ion:330 Resp: 179955

Ion Ratio Lower Upper

330 100

332 94.2 77.4 116.0

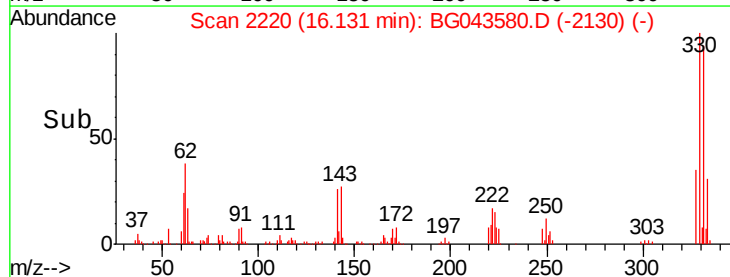
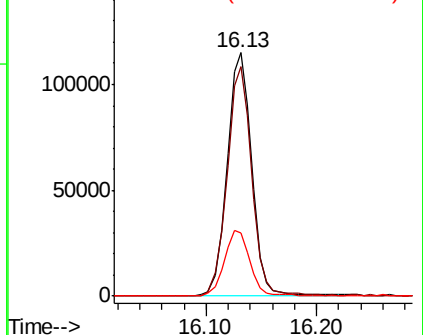
141 28.2 22.8 34.2



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

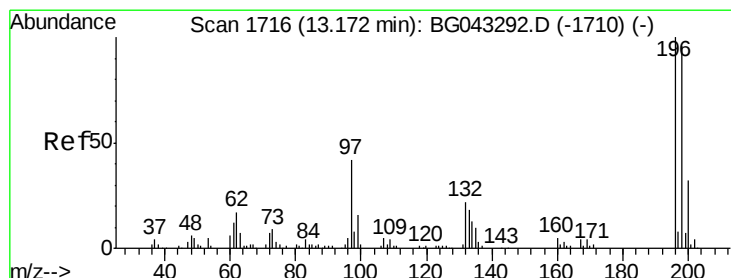
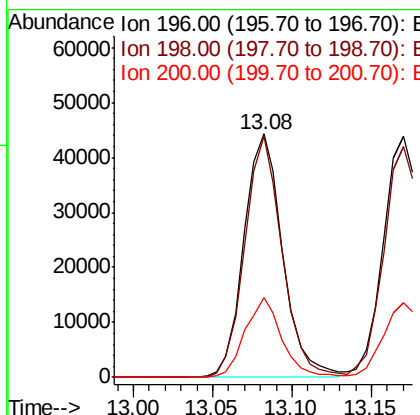
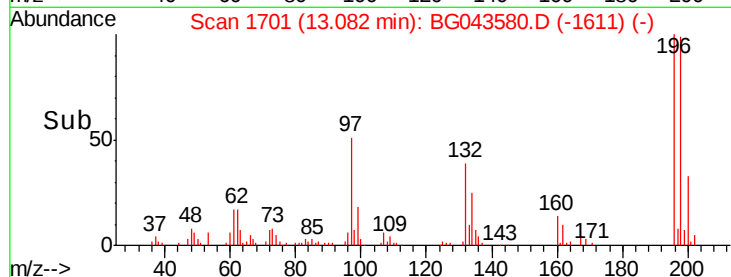
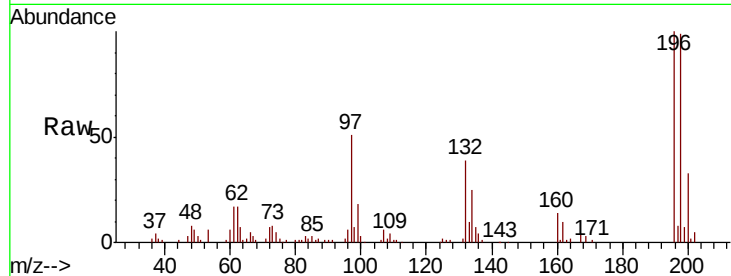




#43
 2,4,6-Trichlorophenol
 Concen: 47.905 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

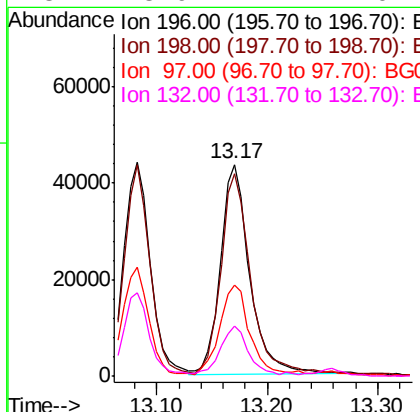
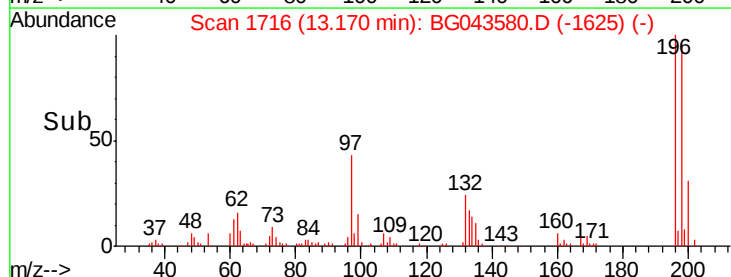
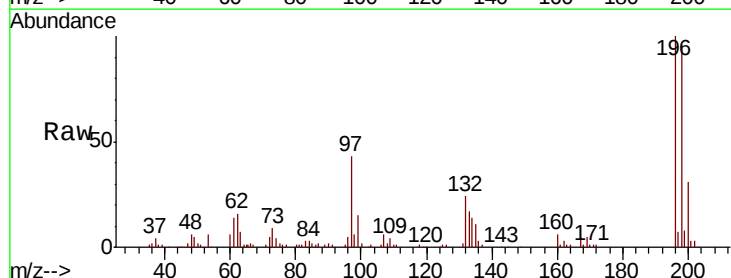
Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

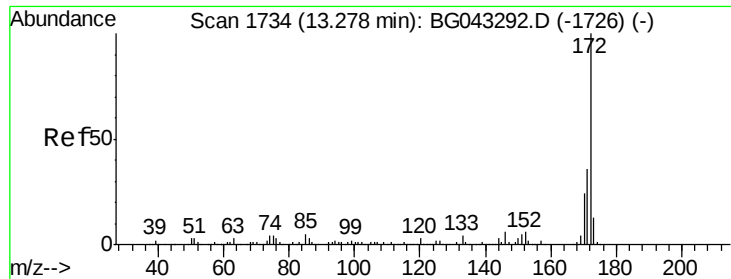
Tot Ion:196 Resp: 75358
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.8 113.6
 200 32.6 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 50.217 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion:196 Resp: 79863
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.5 111.7
 97 43.1 36.3 54.5
 132 23.9 17.4 26.2

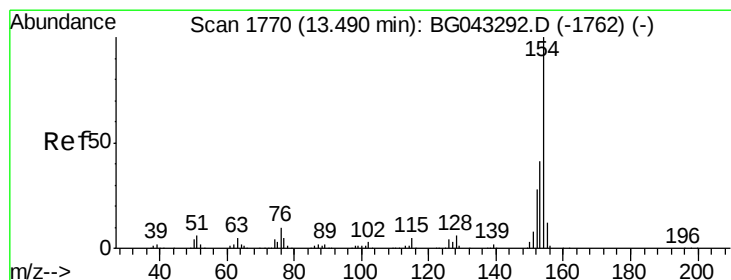
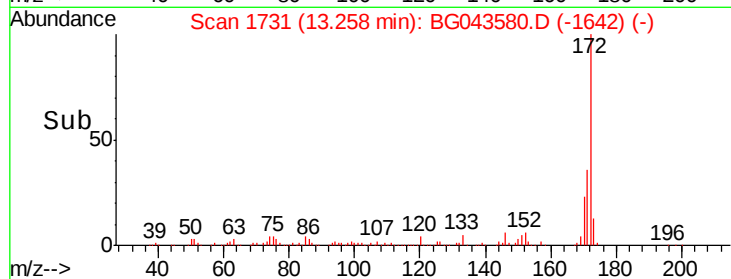
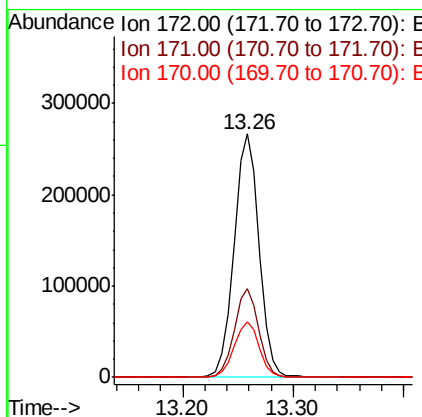
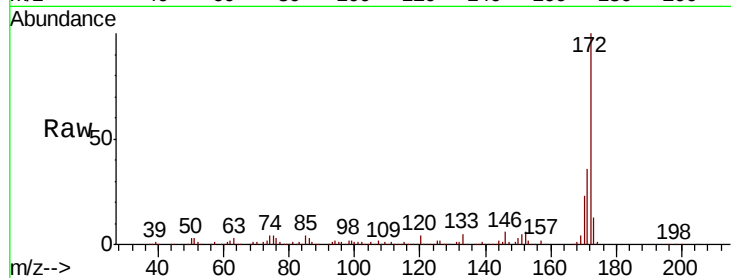




#45
2-Fluorobiphenyl
Concen: 80.934 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

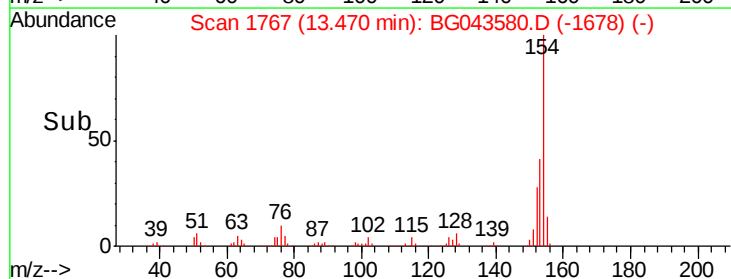
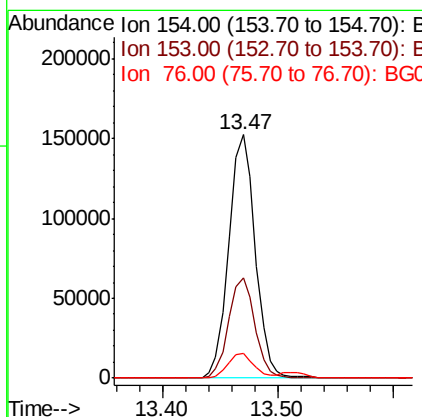
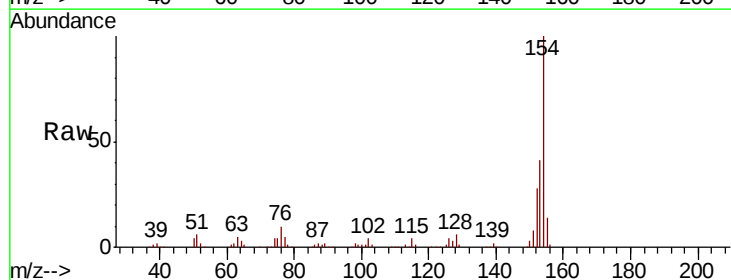
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

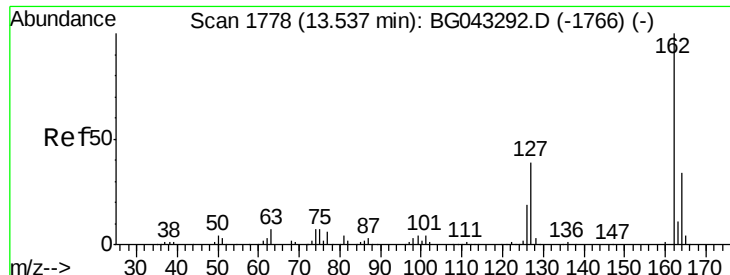
Tot Ion:172 Resp: 422751
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 22.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.030 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:154 Resp: 241761
Ion Ratio Lower Upper
154 100
153 41.2 19.9 59.9
76 10.1 0.0 29.4

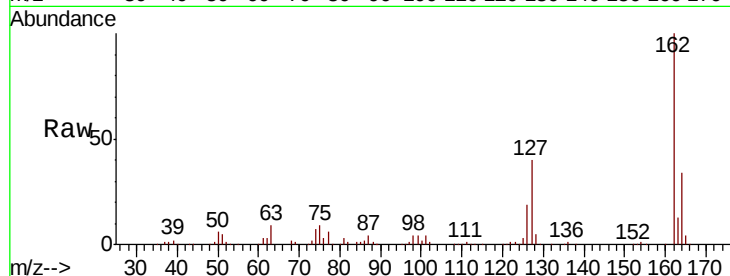




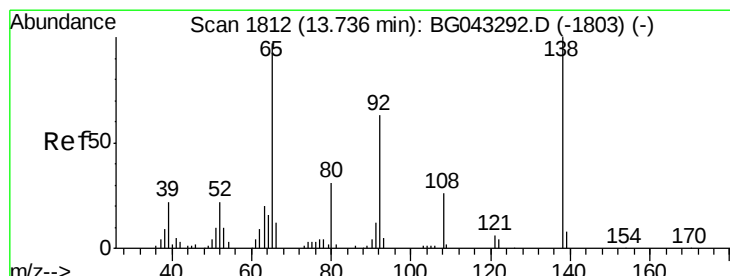
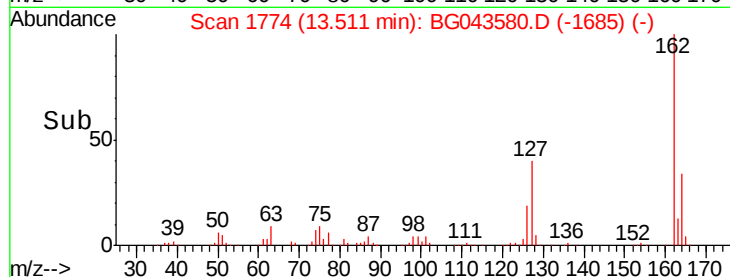
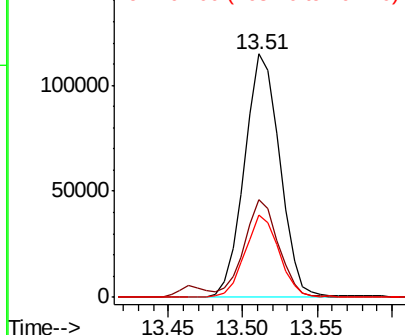
#47
2-Chloronaphthalene
Concen: 45.102 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:162 Resp: 188429
Ion Ratio Lower Upper
162 100
127 40.1 31.2 46.8
164 33.7 25.8 38.8

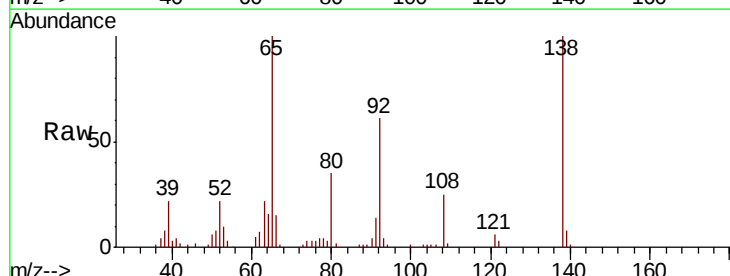


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

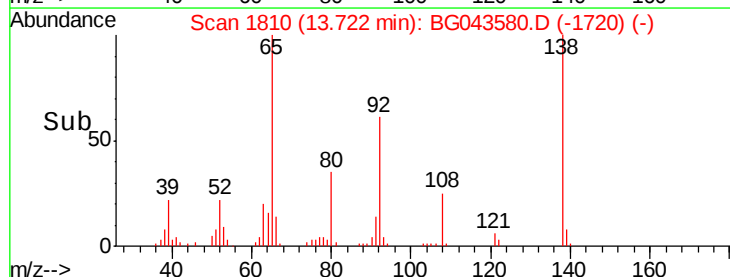
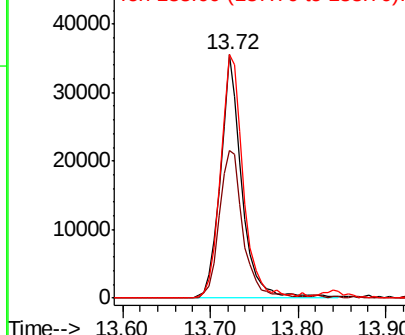


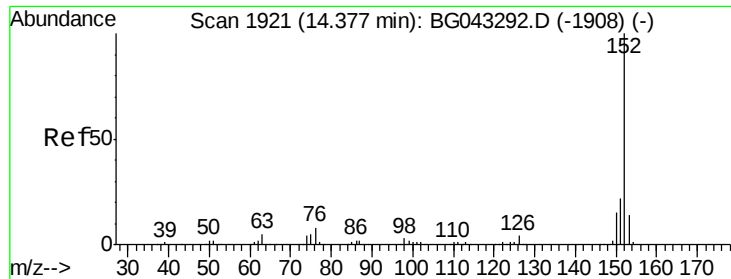
#48
2-Nitroaniline
Concen: 47.956 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion: 65 Resp: 59881
Ion Ratio Lower Upper
65 100
92 60.9 56.2 84.2
138 100.1 82.6 123.8



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: 48.624 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

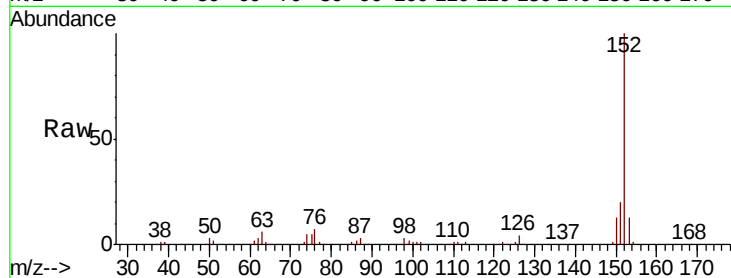
Tot Ion:152 Resp: 316160

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

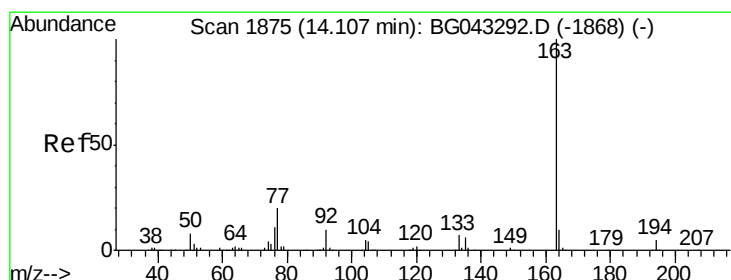
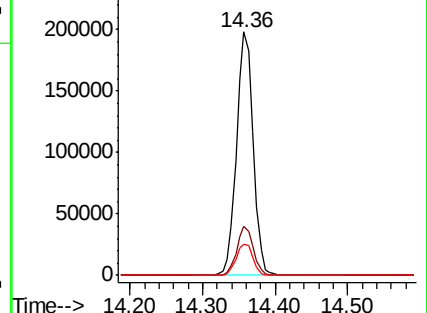
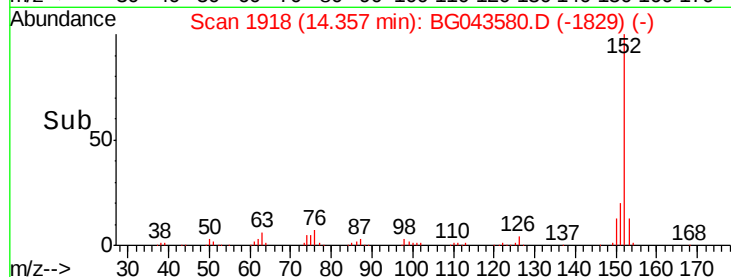
153 13.1 10.6 15.8



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: 53.701 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

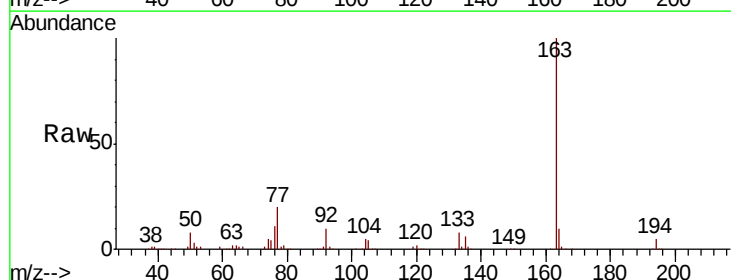
Tgt Ion:163 Resp: 300222

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

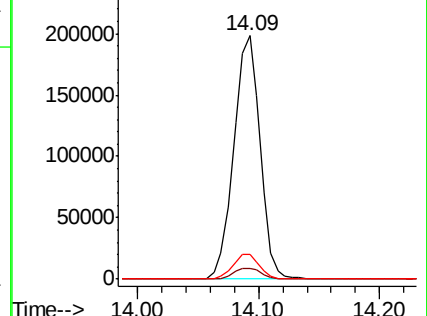
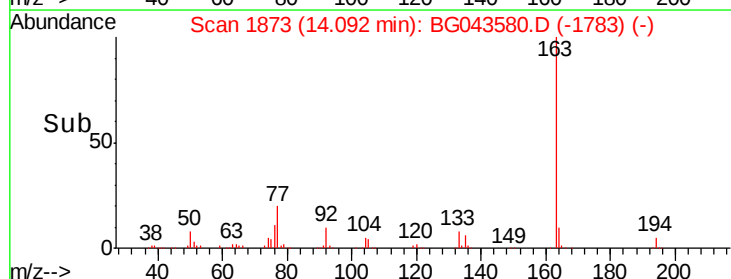
164 9.9 8.9 13.3



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: 47.846 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

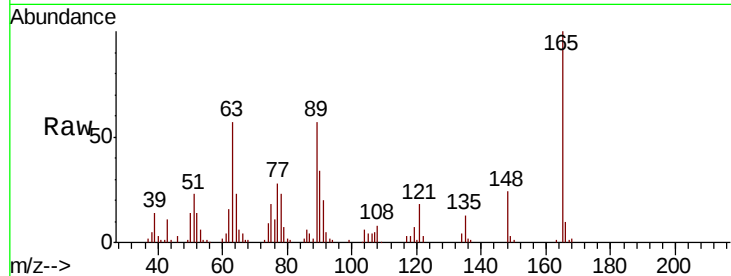
Tot Ion:165 Resp: 58111

Ion Ratio Lower Upper

165 100

63 57.1 46.6 69.8

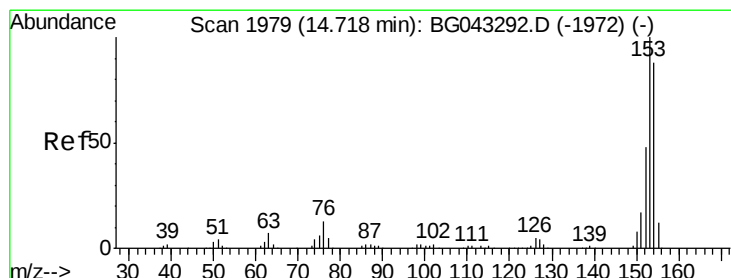
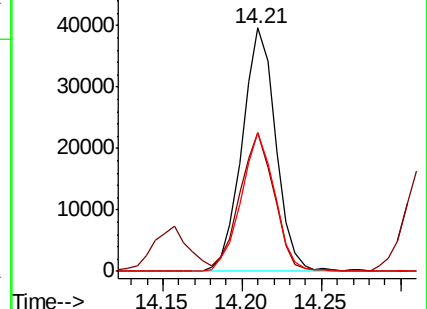
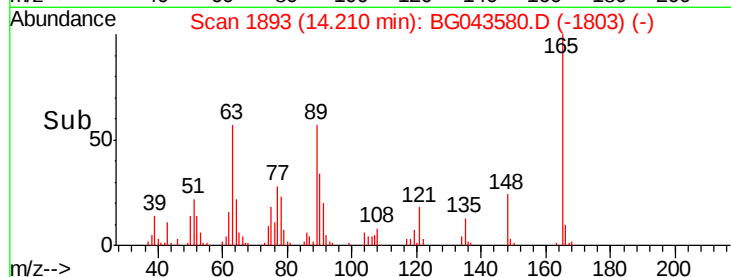
89 56.7 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.600 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

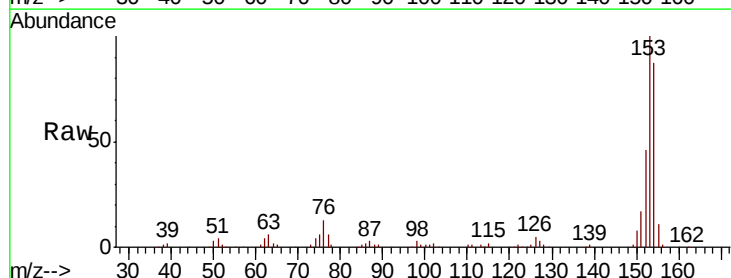
Tgt Ion:154 Resp: 188745

Ion Ratio Lower Upper

154 100

153 114.7 88.2 132.2

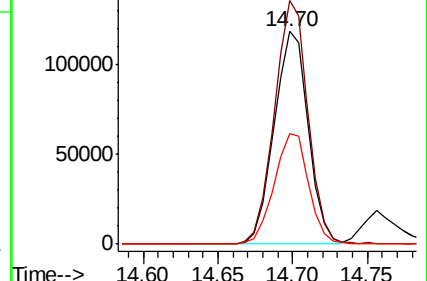
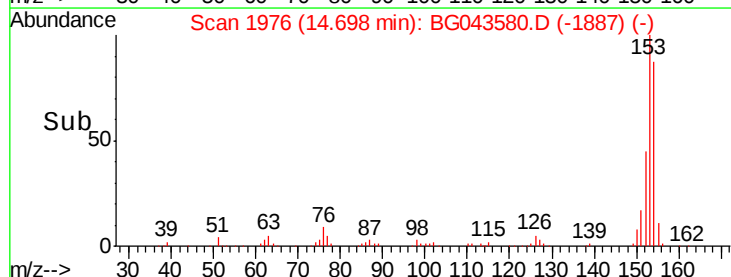
152 52.2 40.0 60.0

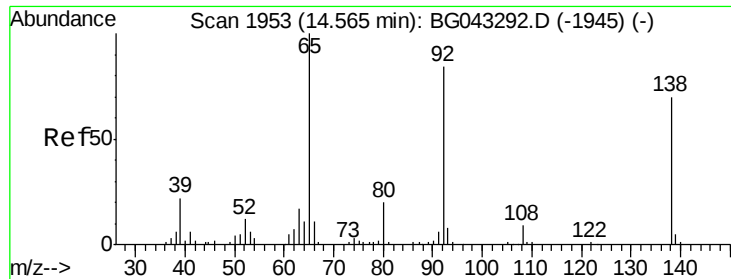


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

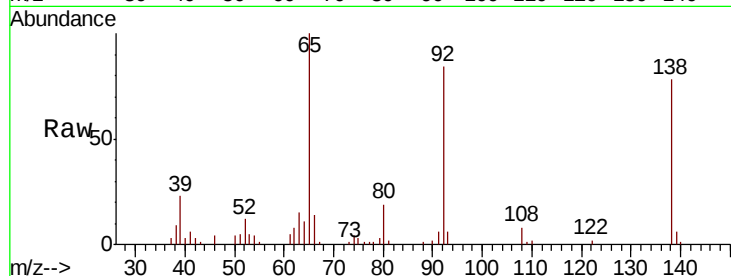




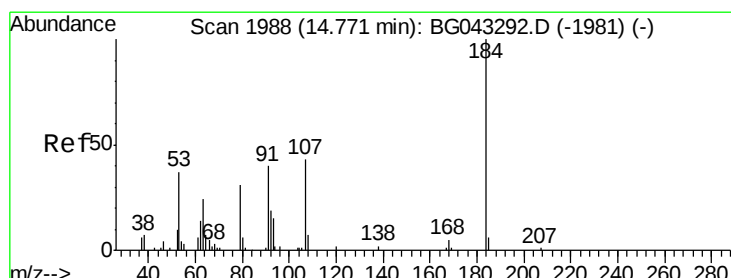
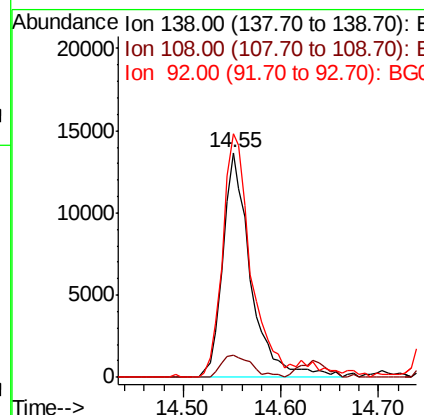
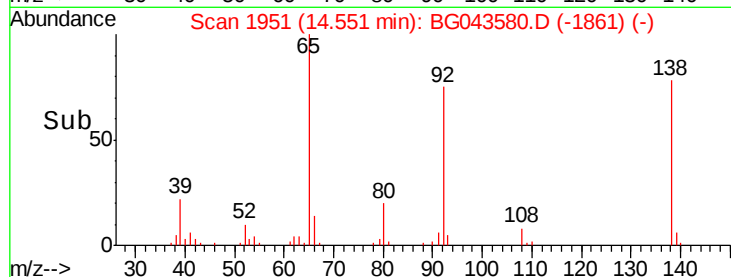
#53
3-Nitroaniline
Concen: 23.128 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:138 Resp: 27120
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 108.4 90.9 136.3

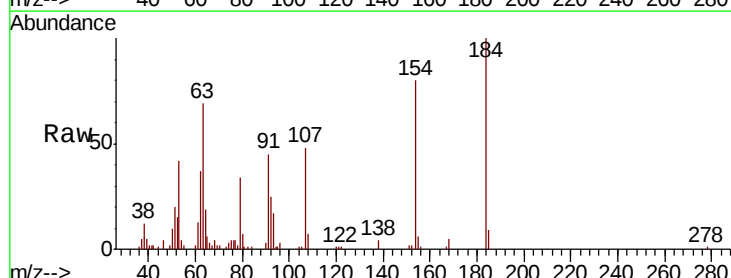


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

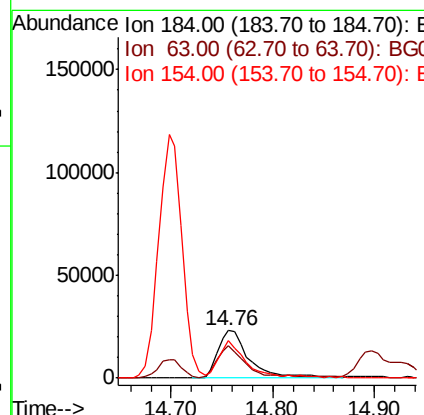
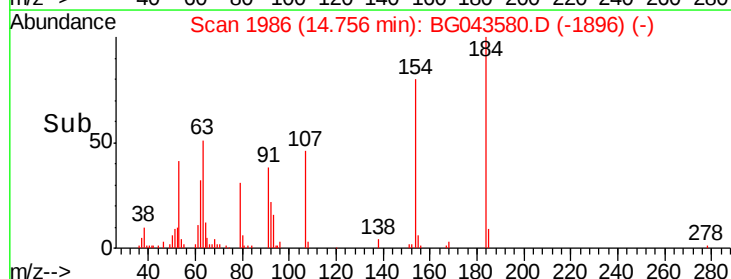


#54
2,4-Dinitrophenol
Concen: 67.442 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:184 Resp: 50196
Ion Ratio Lower Upper
184 100
63 69.1 51.3 76.9
154 80.2 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

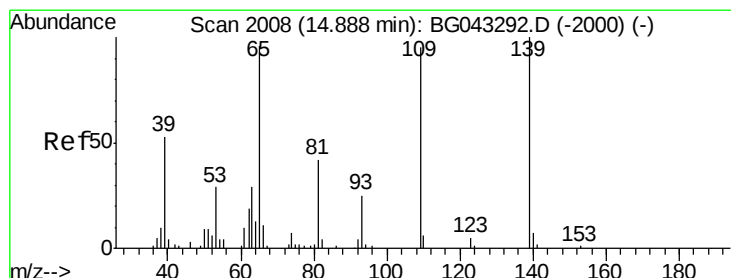
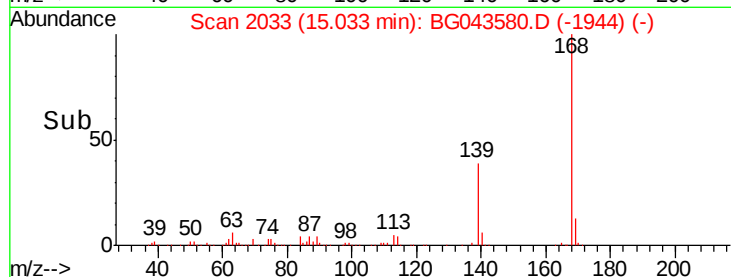
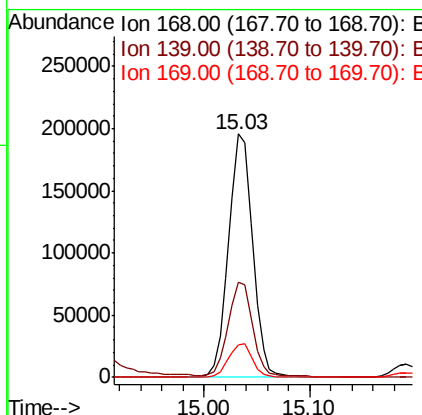
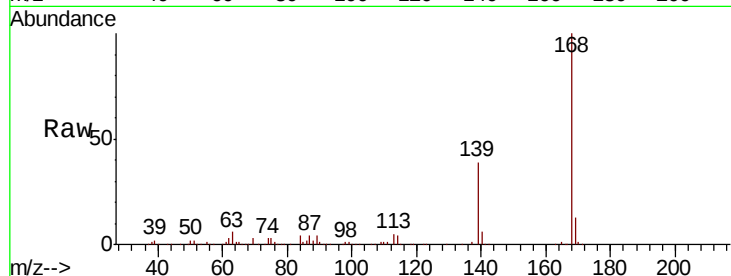




#55
Dibenzenofuran
Concen: 48.085 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

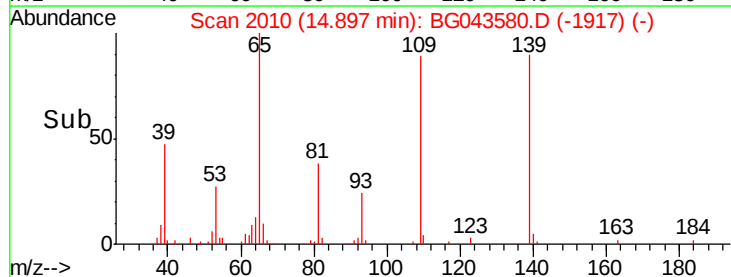
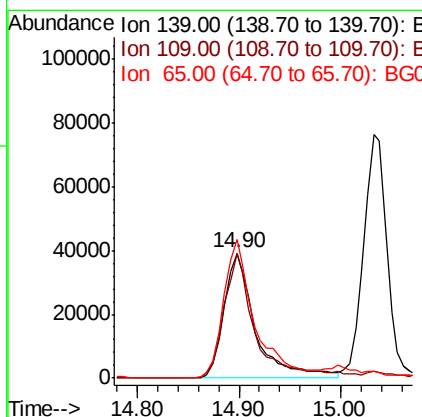
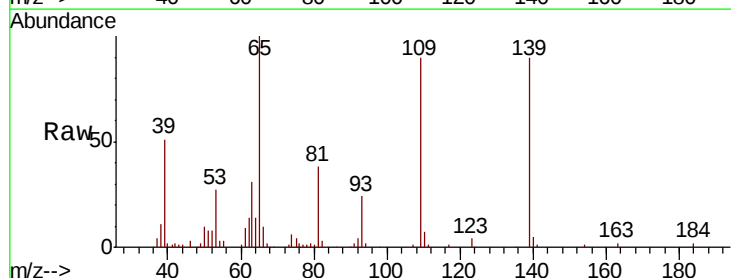
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

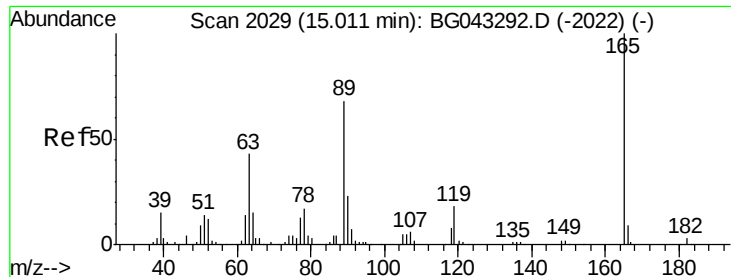
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.4	11.7	17.5



#56
4-Nitrophenol
Concen: 106.939 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	87.2	127.2
65	111.1	83.8	123.8

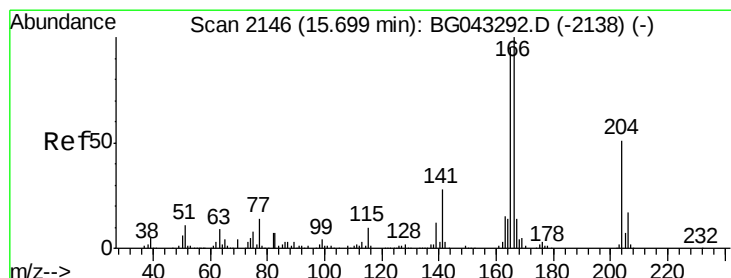
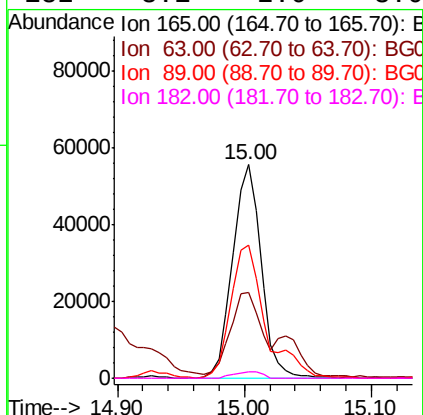
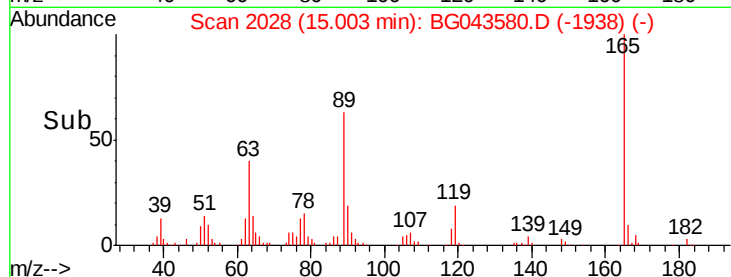
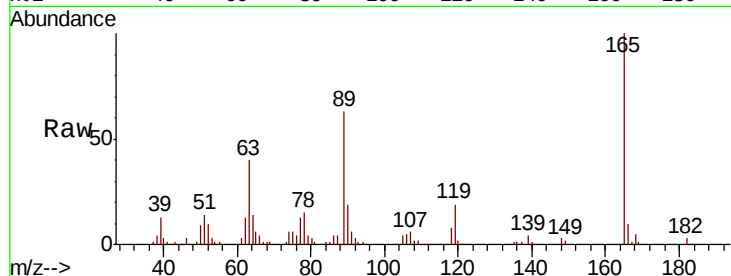




#57
2,4-Dinitrotoluene
Concen: 50.079 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

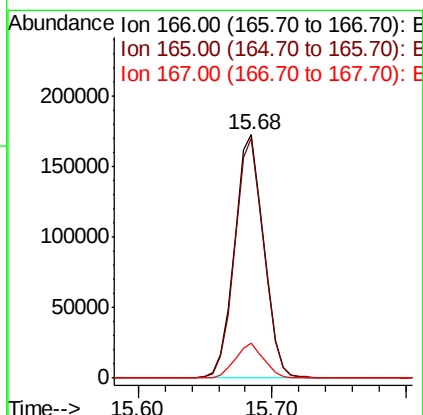
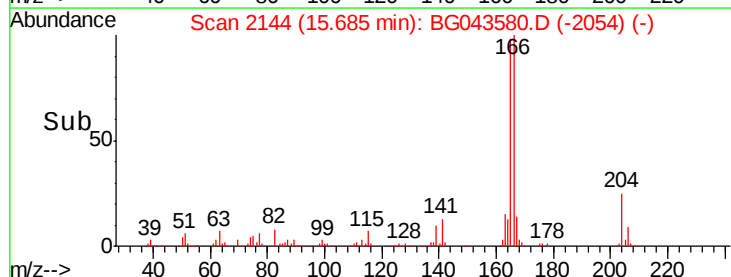
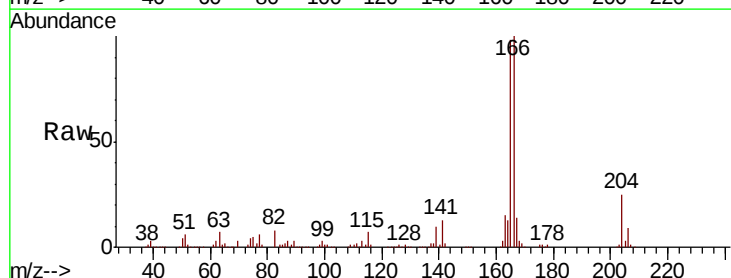
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

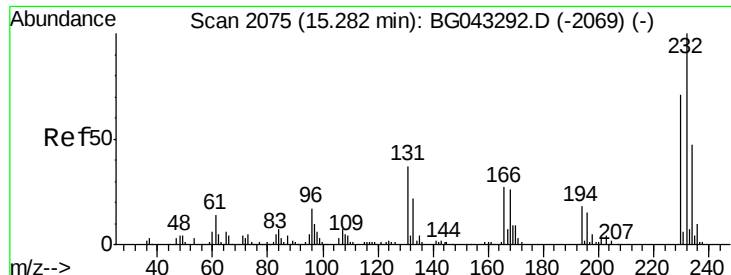
Tot Ion:165 Resp: 86924
Ion Ratio Lower Upper
165 100
63 40.0 33.2 49.8
89 62.6 52.2 78.4
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 48.674 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:166 Resp: 262510
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 14.2 10.5 15.7

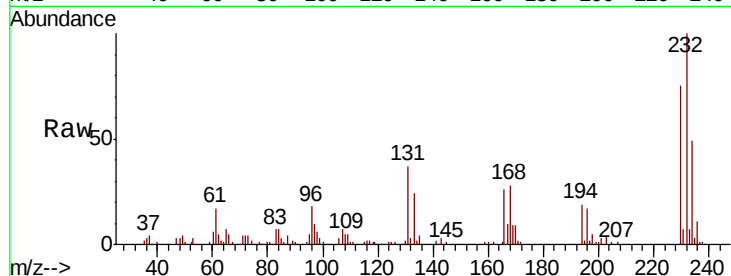




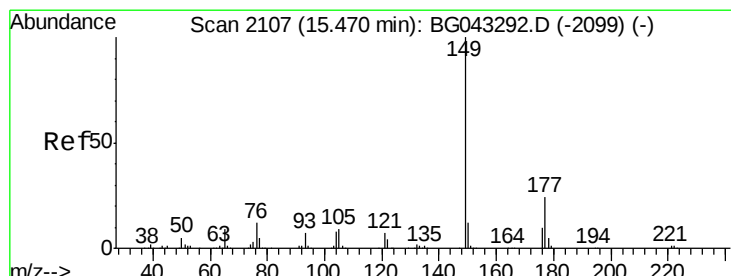
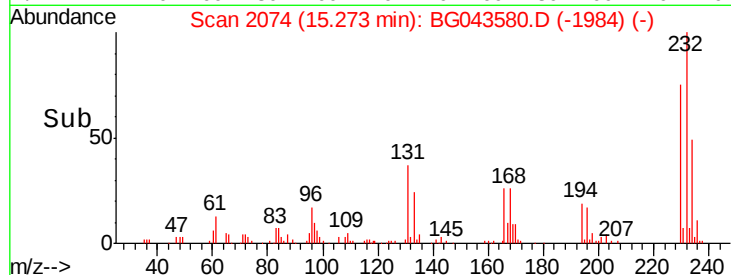
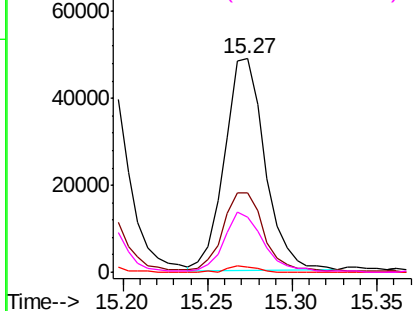
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.859 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion:	232	Resp:	80866
Ion	Ratio	Lower	Upper
232	100		
131	40.2	26.9	40.3
130	2.2	1.8	2.6
166	28.3	20.9	31.3

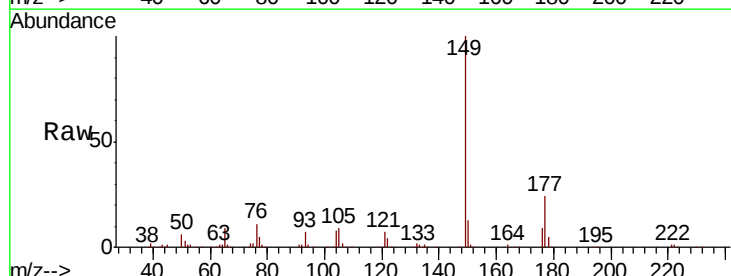


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

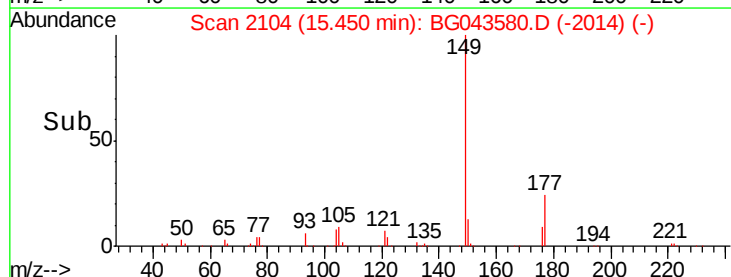
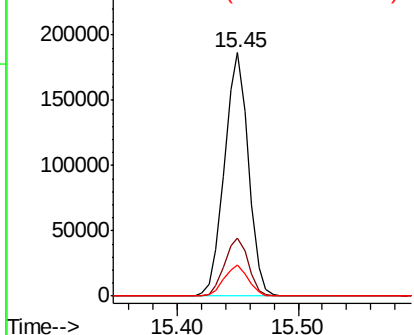


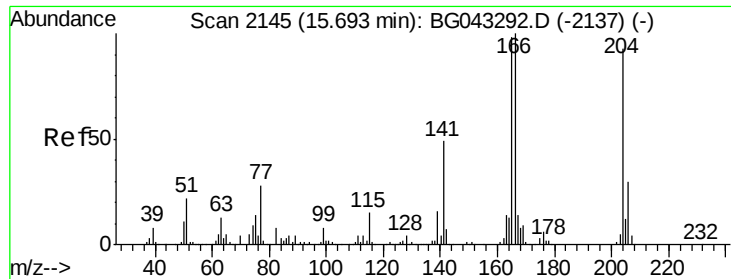
#60
 Diethylphthalate
 Concen: 45.592 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion:	149	Resp:	256106
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.6	29.4
150	12.9	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

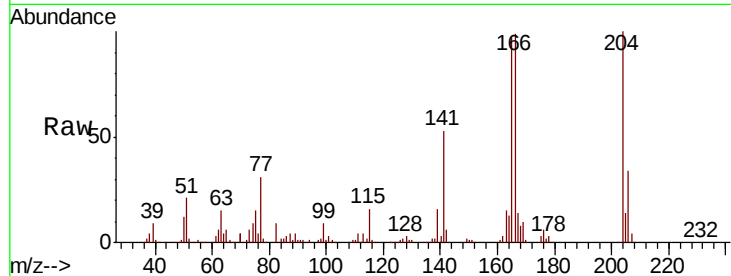




#61
 4-Chlorophenyl-phenylether
 Concen: 47.121 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.4	42.6
141	53.5	43.0	64.6

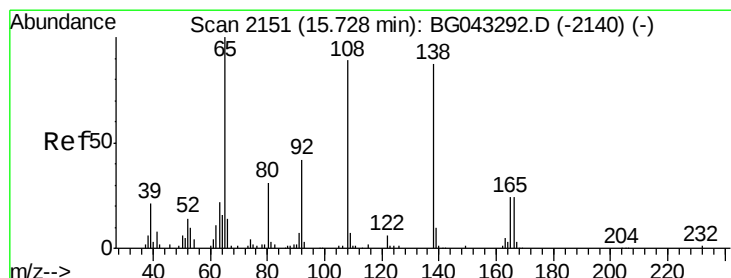
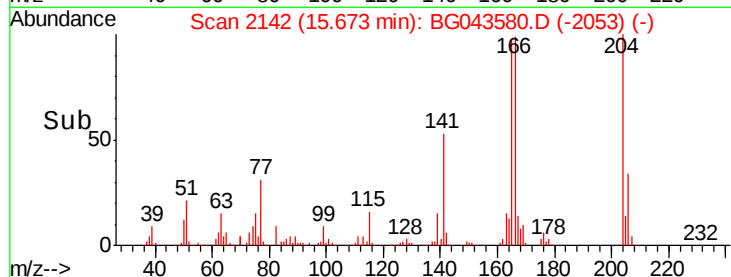
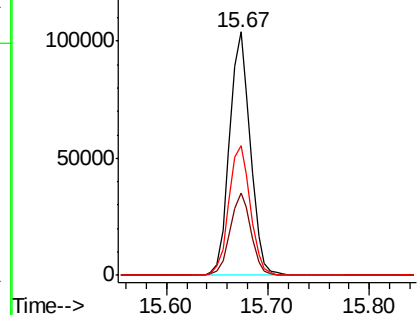


Abundance

Ion 204.00 (203.70 to 204.70): E

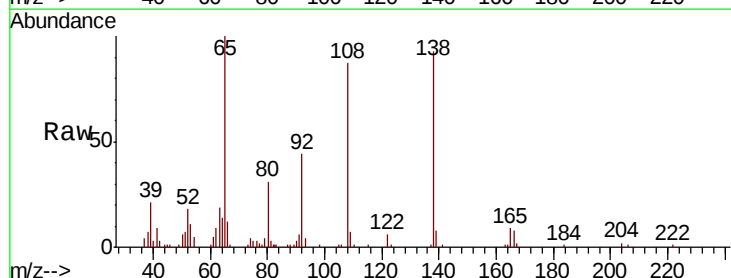
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 46.974 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	33.4	73.4
108	93.5	78.0	118.0

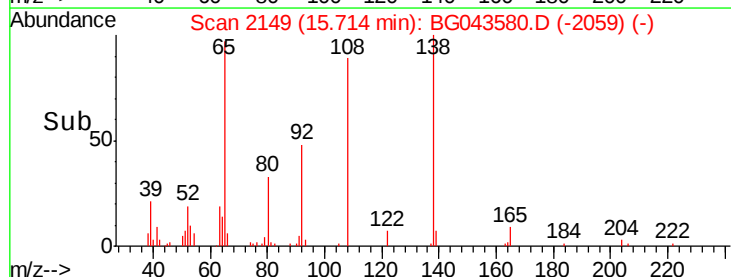
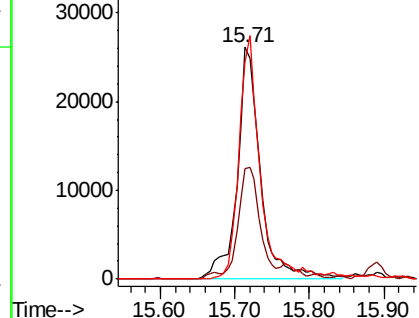


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

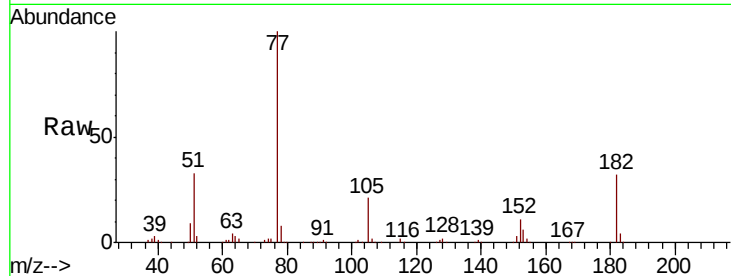




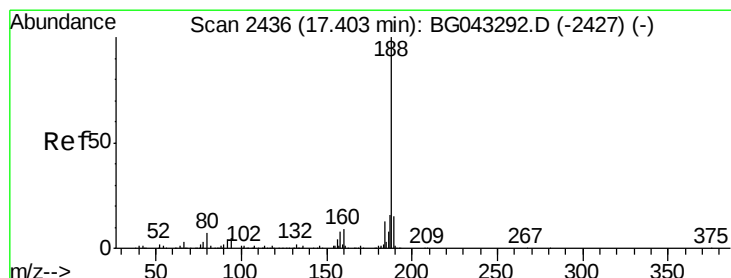
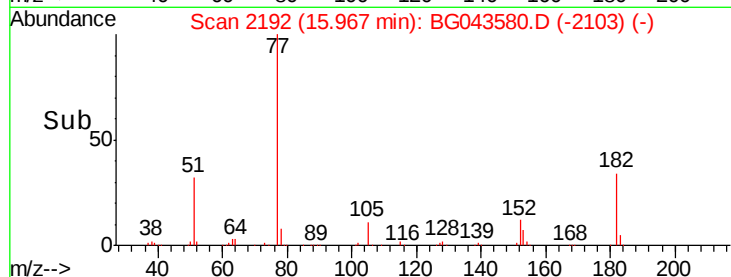
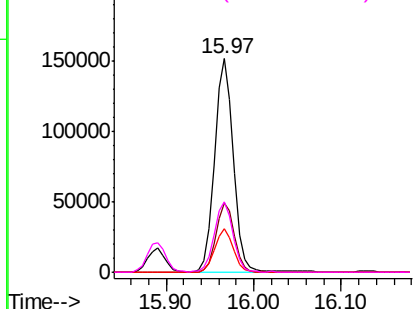
#63
Azobenzene
Concen: 49.570 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:	77	Resp:	225358
Ion	Ratio	Lower	Upper
77	100		
182	32.2	13.7	53.7
105	20.6	0.4	40.4
51	32.7	11.0	51.0

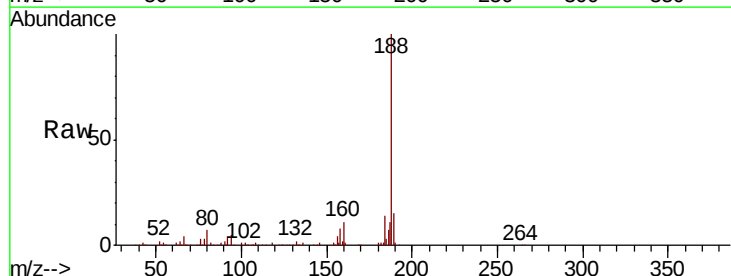


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

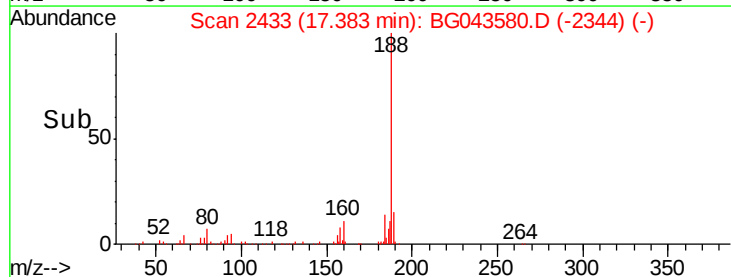
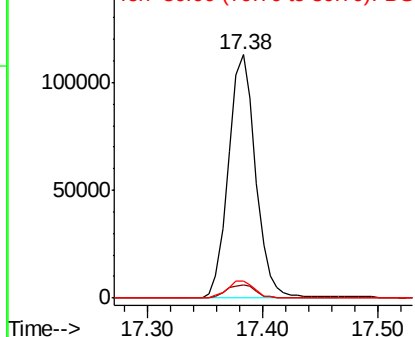


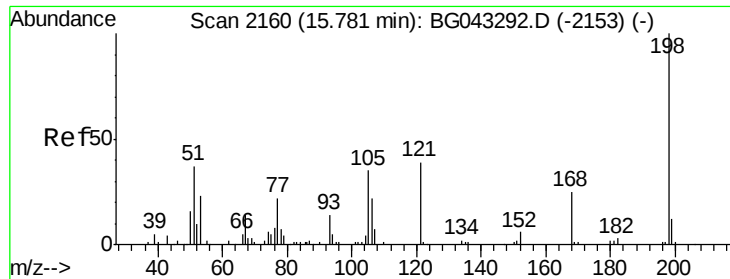
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:	188	Resp:	185048
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	6.8	4.5	6.7#



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

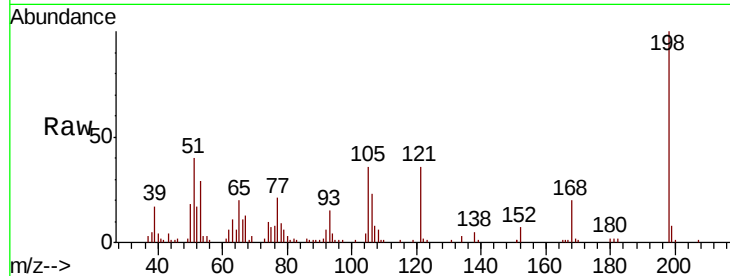




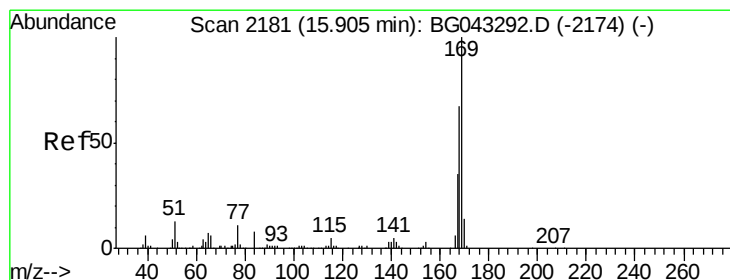
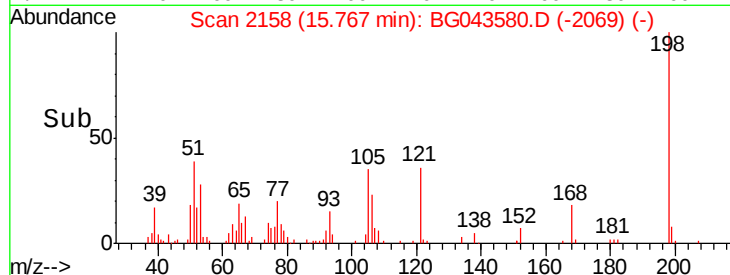
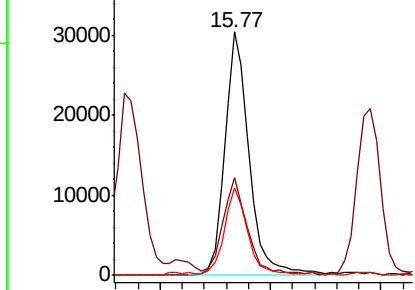
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.060 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	198	Resp	46893
Ion Ratio	Lower	Upper	
198	100		
51	39.9	13.2	53.2
105	36.0	15.8	55.8

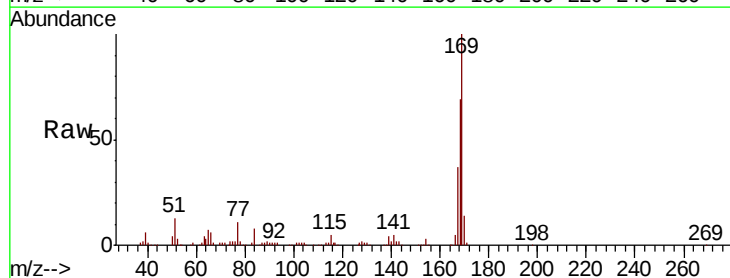


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

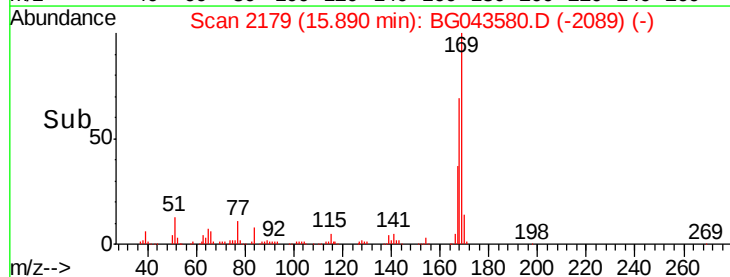
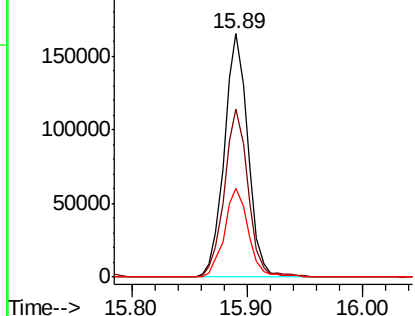


#66
 n-Nitrosodiphenylamine
 Concen: 44.916 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	169	Resp	234659
Ion Ratio	Lower	Upper	
169	100		
168	69.1	53.8	80.6
167	36.5	27.5	41.3



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

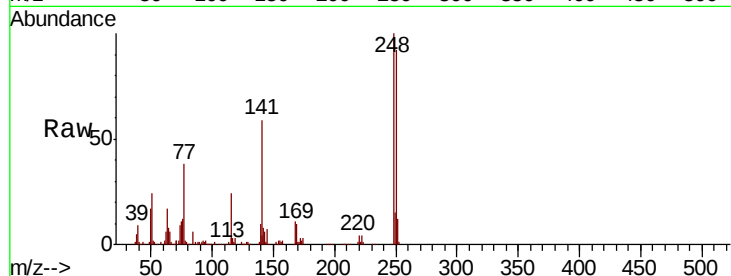




#67
4-Bromophenyl-phenylether
Concen: 43.793 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.4	77.0	115.4
141	58.7	47.5	71.3

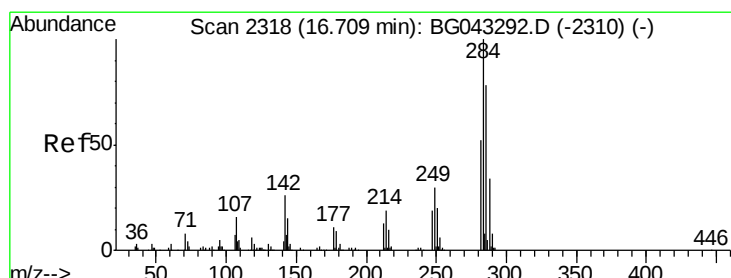
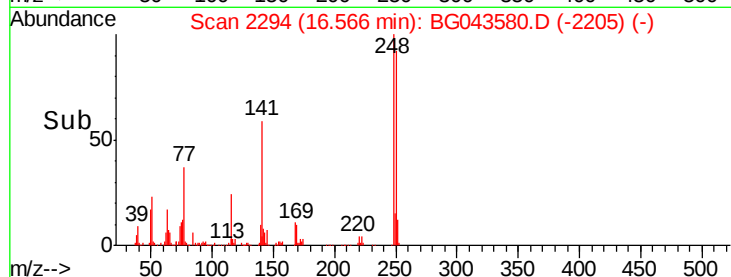
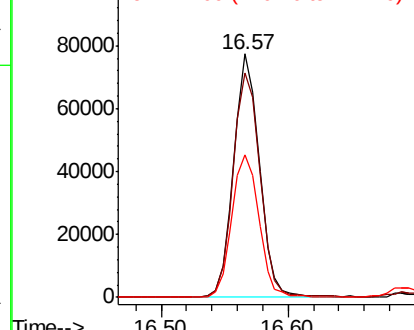


Abundance

Ion 248.00 (247.70 to 248.70): E

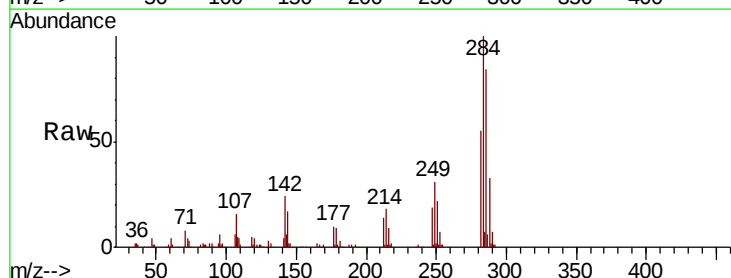
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.160 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	19.8	29.8
249	31.1	23.8	35.6

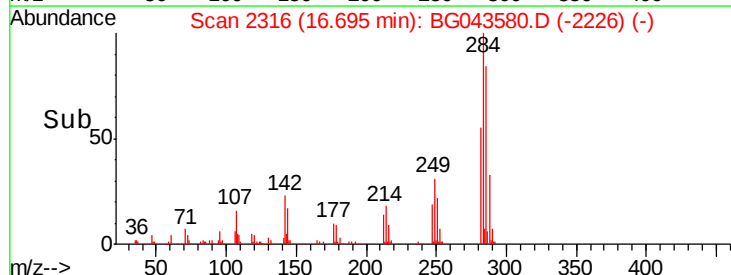
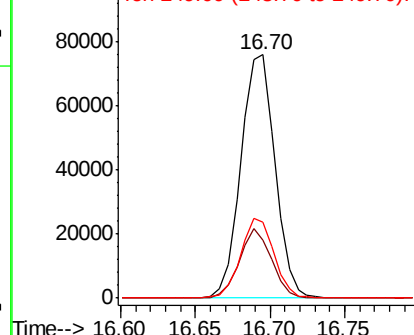


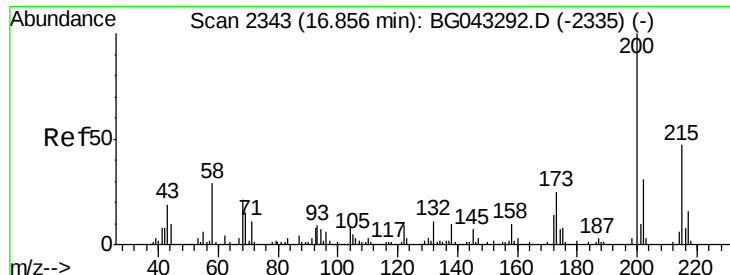
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

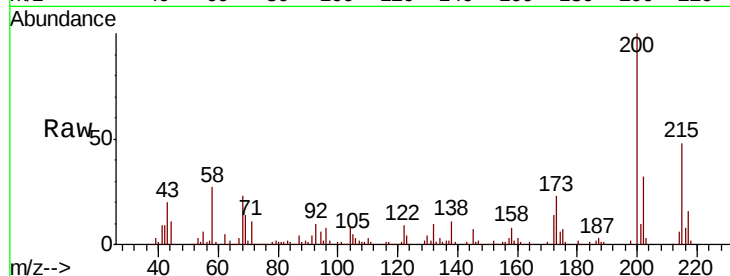




#69
 Atrazine
 Concen: 57.904 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.7	44.7
215	48.0	28.5	68.5

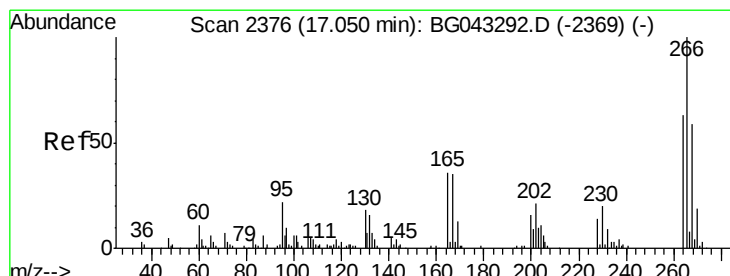
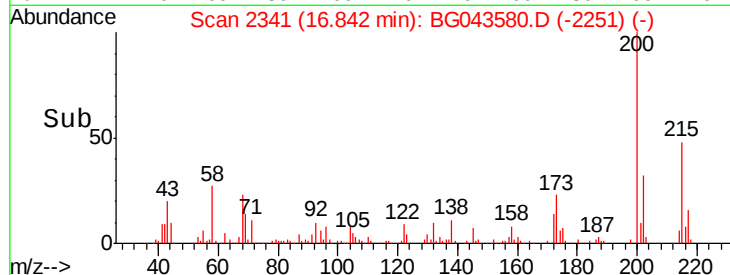
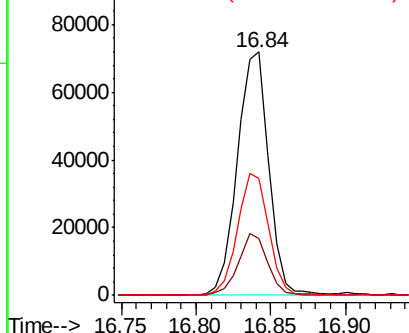


Abundance

Ion 200.00 (199.70 to 200.70): E

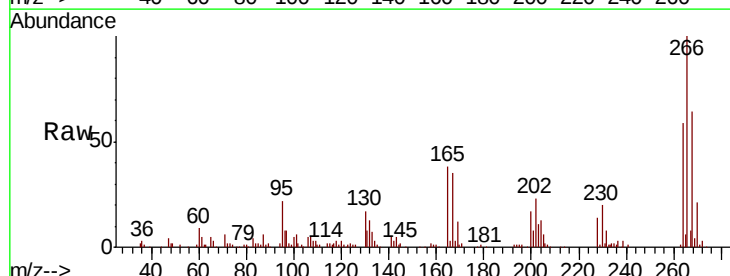
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 86.137 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.4	75.6
264	59.4	48.9	73.3

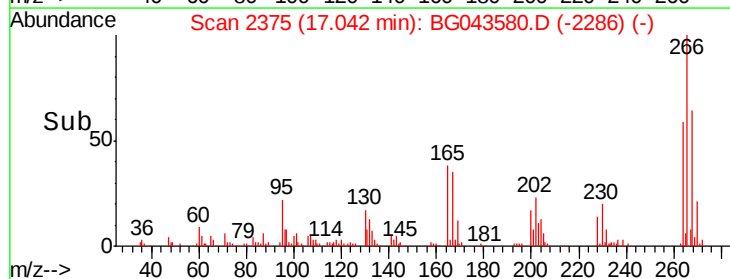
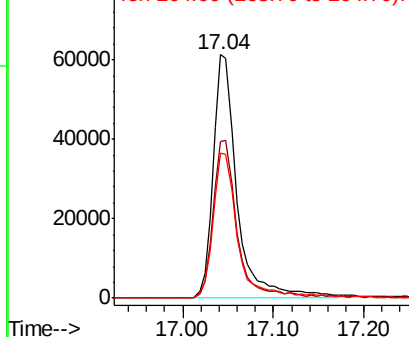


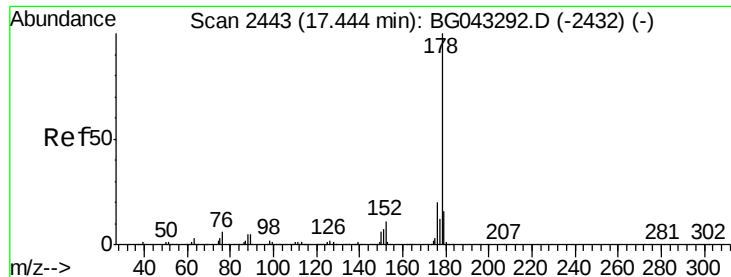
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

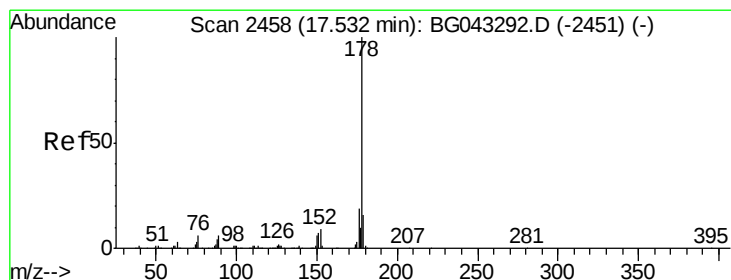
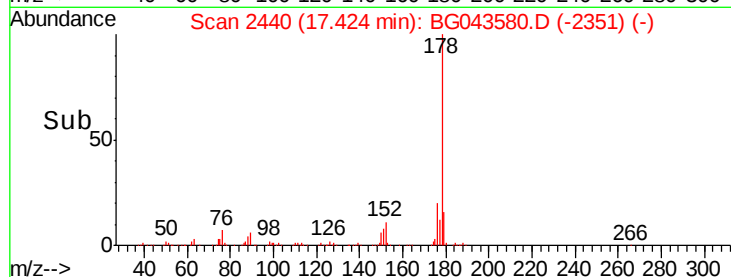
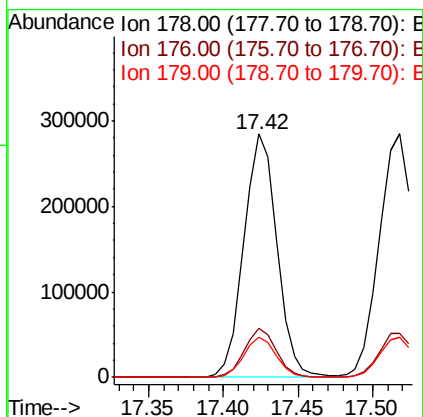
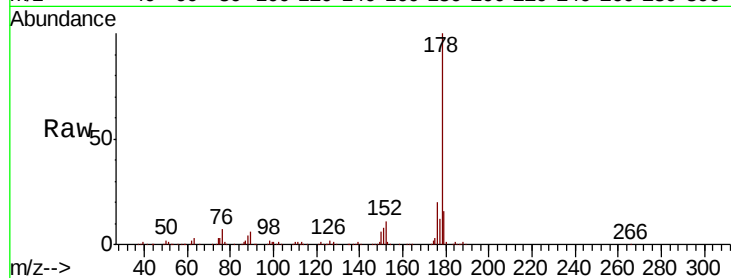




#71
Phenanthrene
Concen: 46.027 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

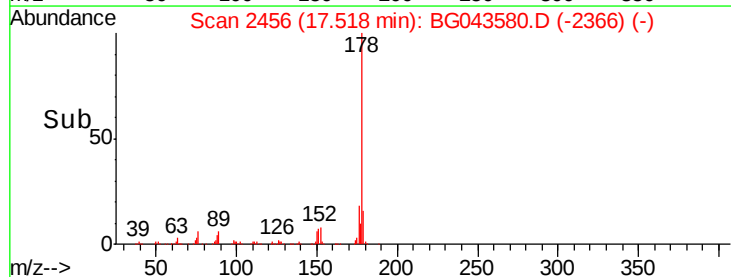
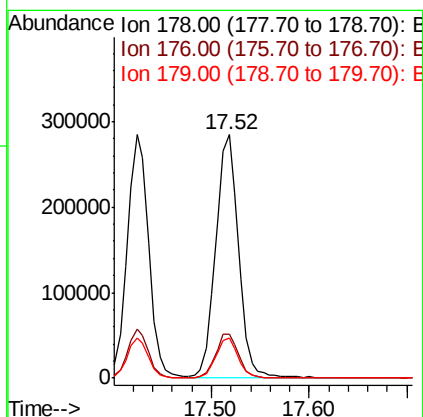
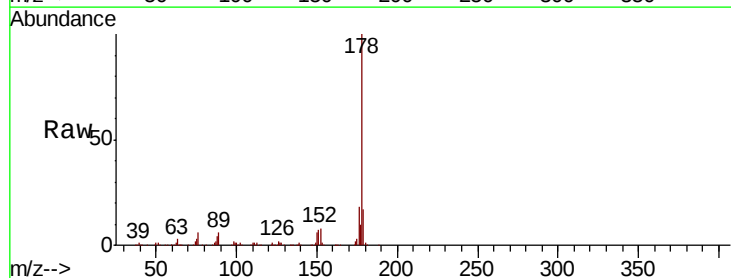
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	16.5	13.0	19.6



#72
Anthracene
Concen: 48.543 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	16.6	13.7	20.5

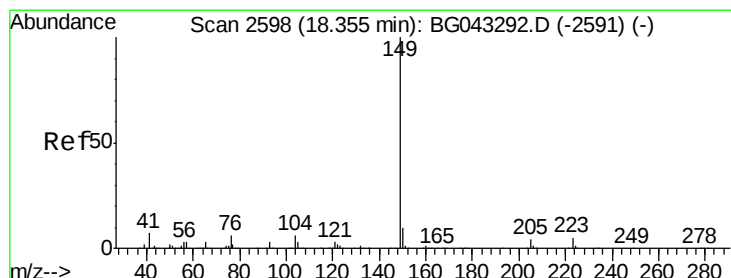
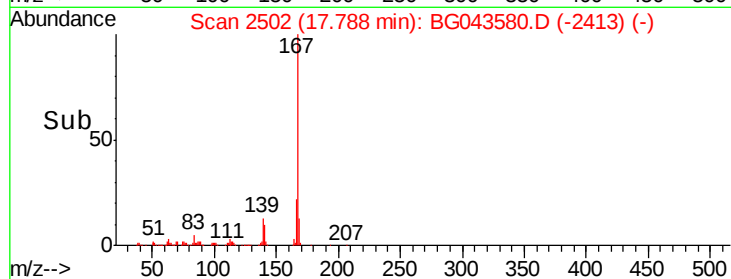
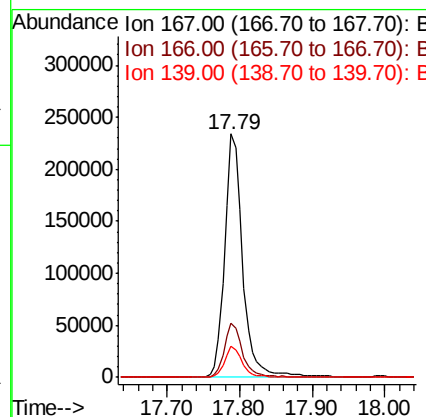
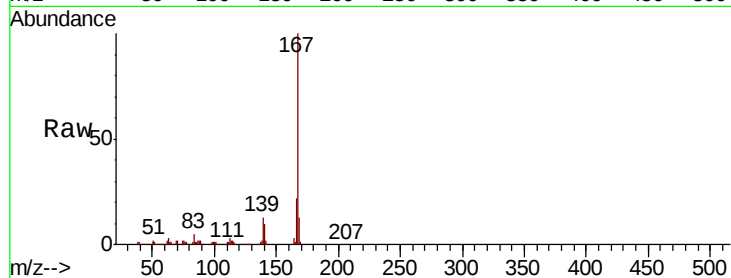




#73
 Carbazole
 Concen: 47.342 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

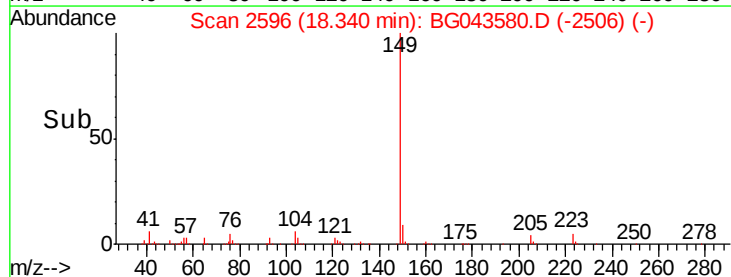
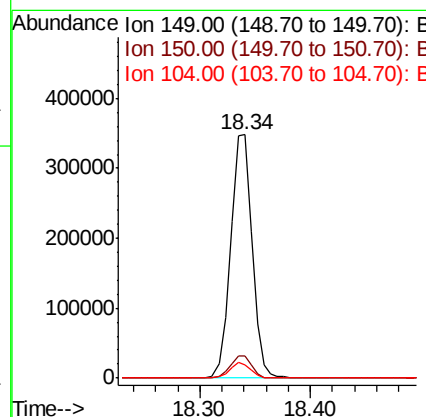
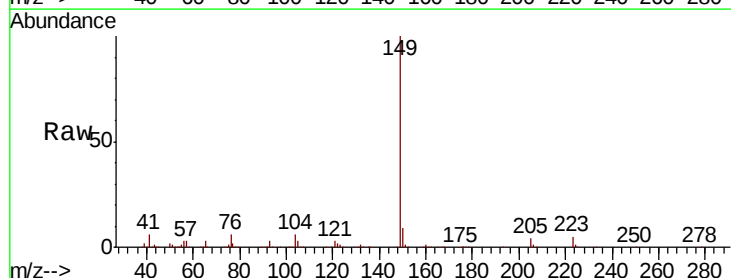
Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.7	28.1
139	13.0	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 45.815 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 46.789 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

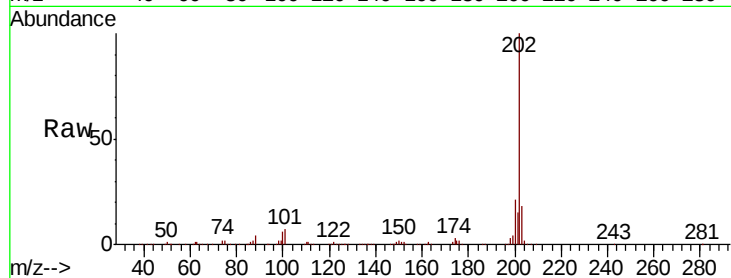
Tot Ion:202 Resp: 578018

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

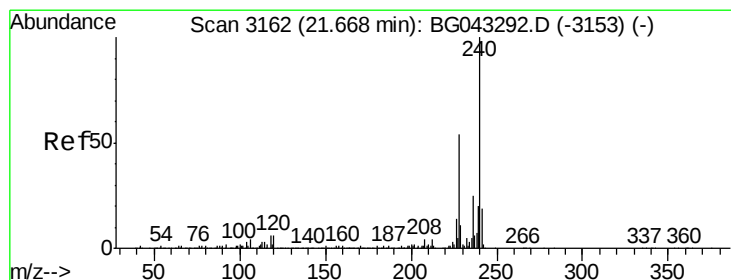
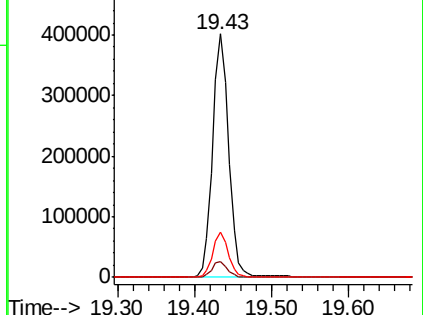
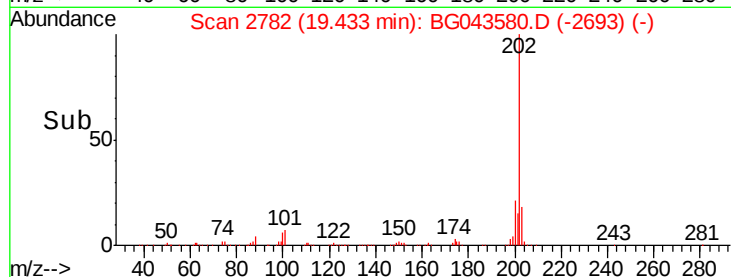
203 18.4 0.0 37.9



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

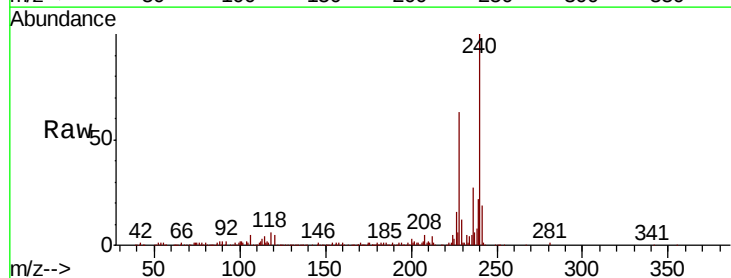
Tgt Ion:240 Resp: 193941

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

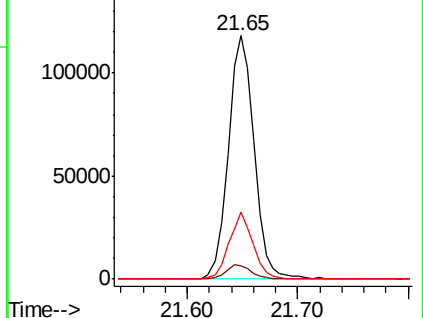
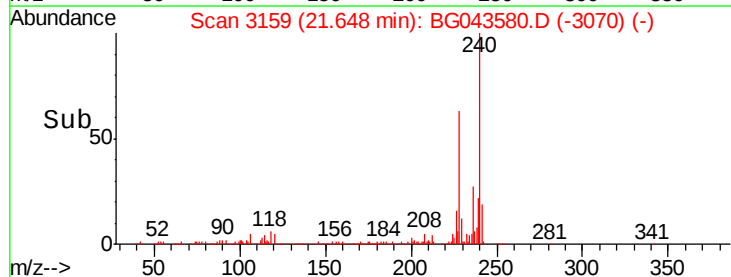
236 27.3 19.8 29.8



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: 41.670 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

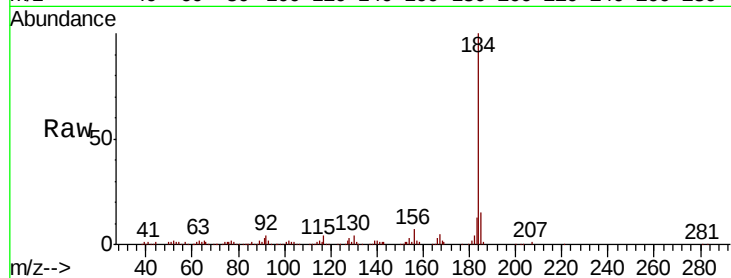
Tot Ion:184 Resp: 162645

Ion Ratio Lower Upper

184 100

185 14.8 11.0 16.4

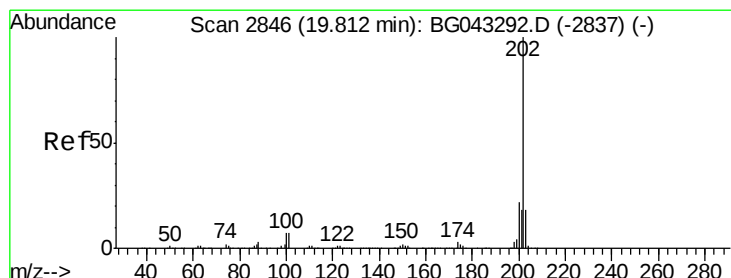
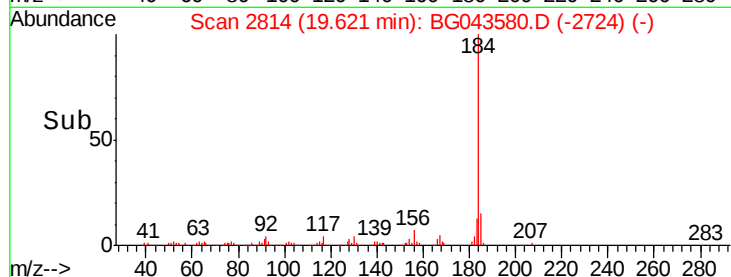
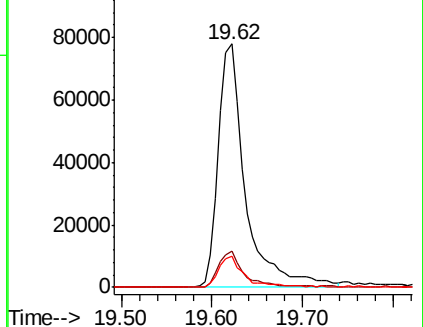
183 12.5 10.0 15.0



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: 48.595 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

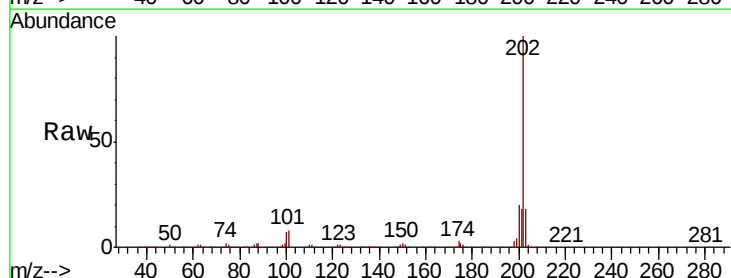
Tgt Ion:202 Resp: 583371

Ion Ratio Lower Upper

202 100

200 20.3 17.0 25.4

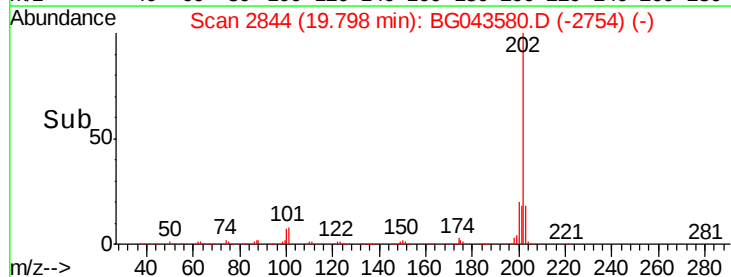
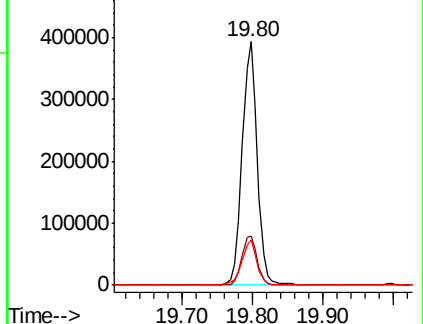
203 18.4 14.7 22.1

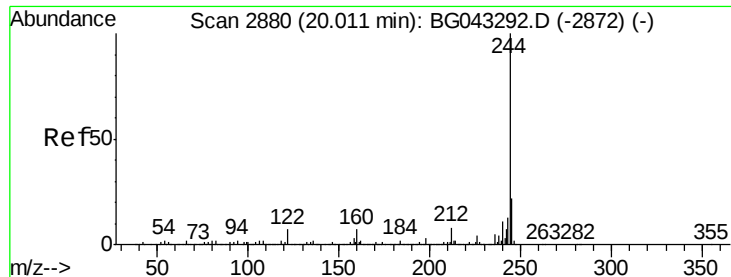


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.013 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

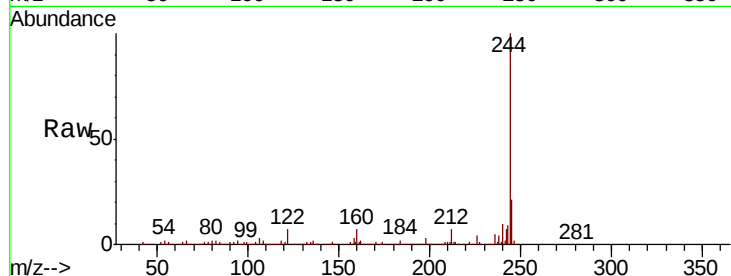
Tot Ion:244 Resp: 889175

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

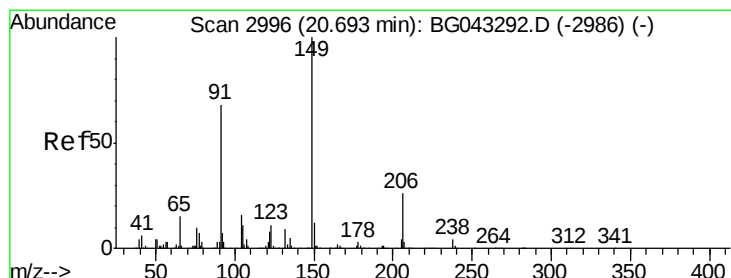
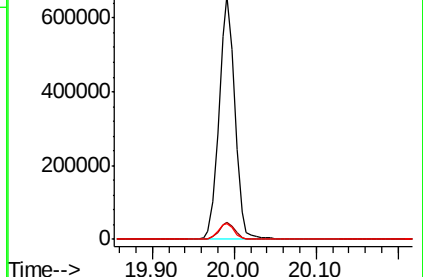
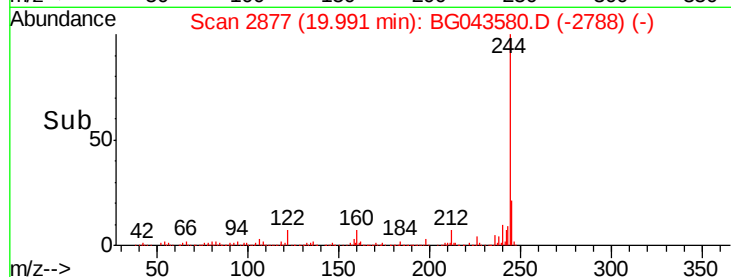
122 6.7 5.4 8.2



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: 46.482 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

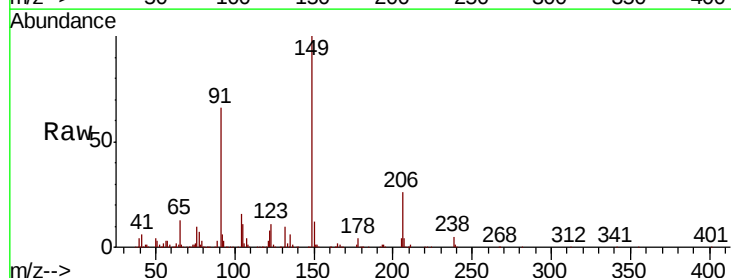
Tgt Ion:149 Resp: 211405

Ion Ratio Lower Upper

149 100

91 66.5 51.2 76.8

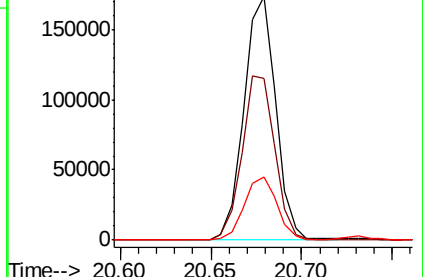
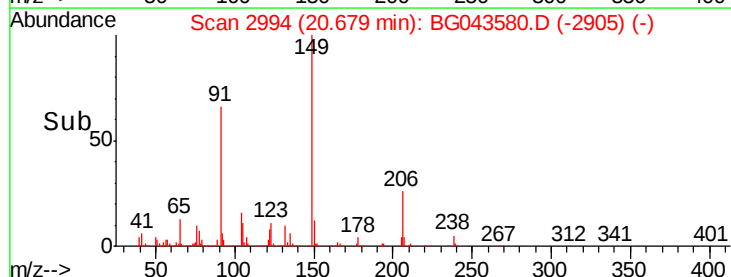
206 25.8 22.5 33.7

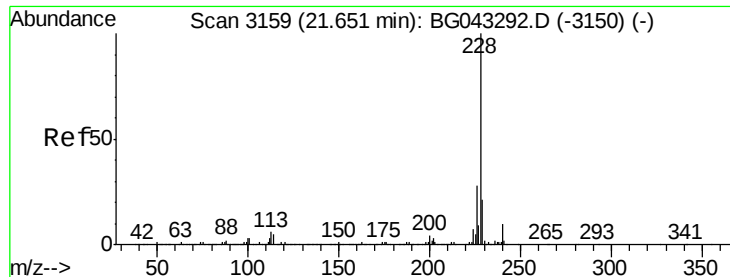


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

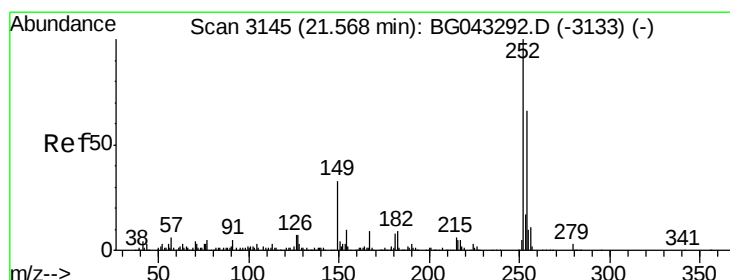
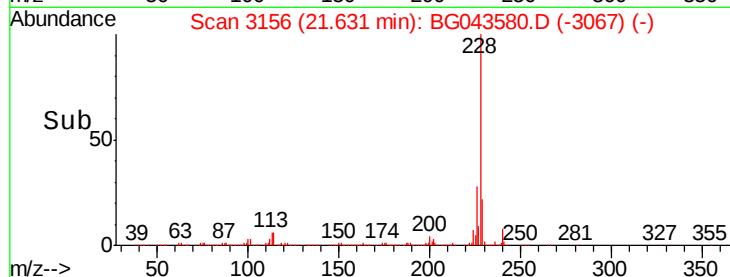
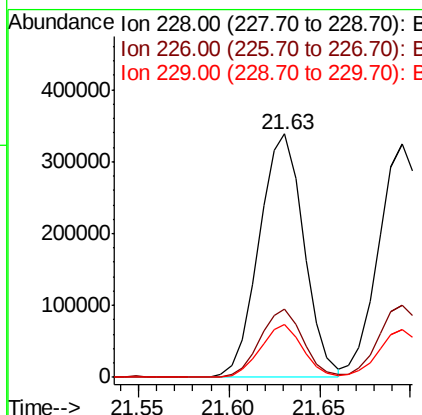
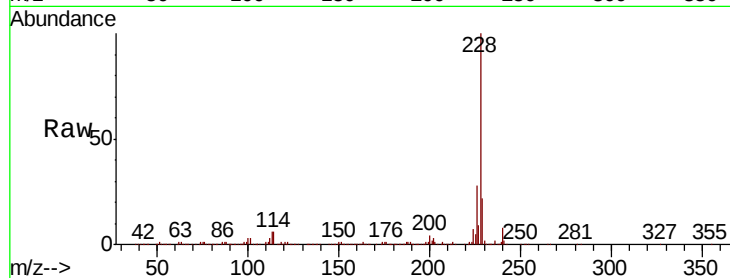




#81
Benzo(a)anthracene
Concen: 47.879 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

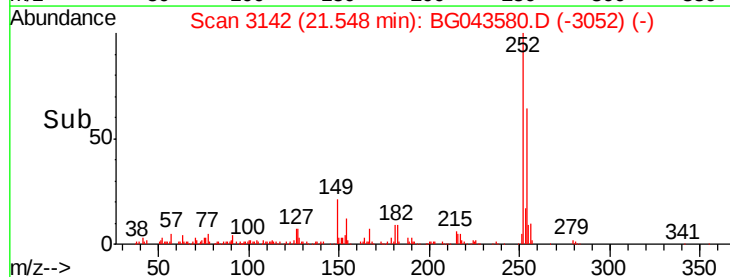
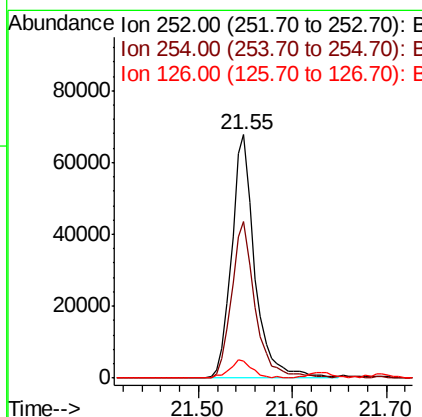
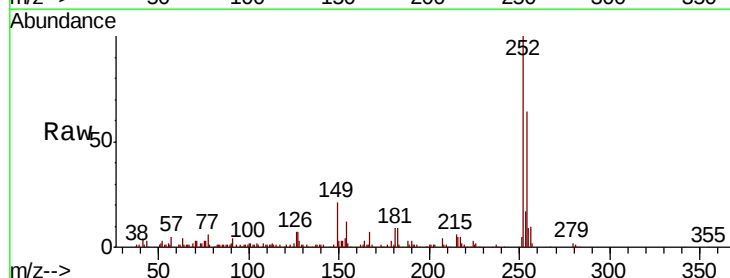
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

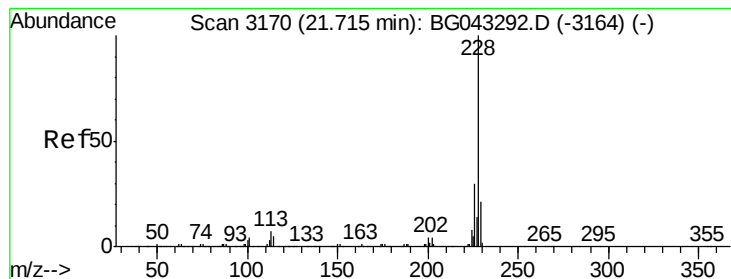
Tot Ion:228 Resp: 581649
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 21.5 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 24.665 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion:252 Resp: 115896
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 6.8 6.1 9.1





#83

Chrysene

Concen: 47.110 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

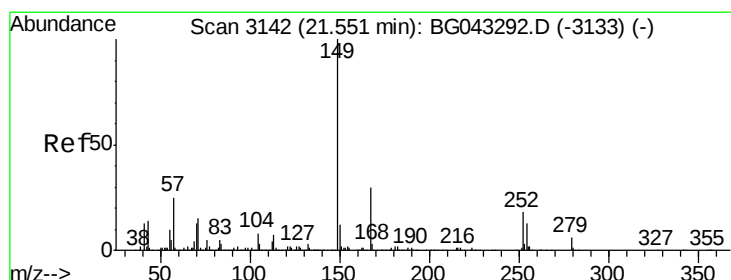
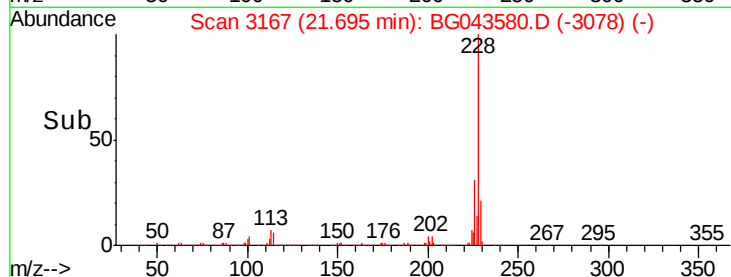
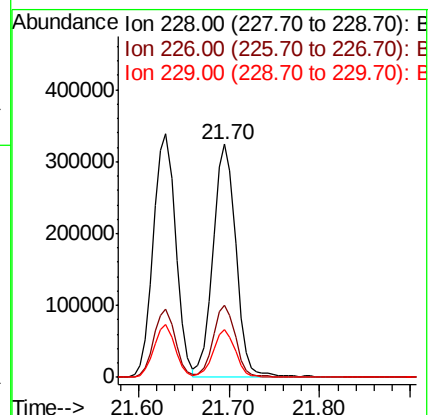
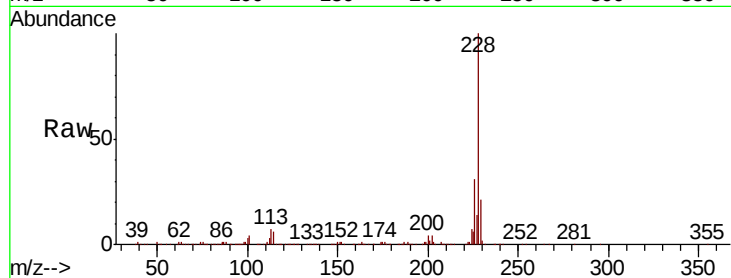
Tot Ion:228 Resp: 568626

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

229 20.6 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.038 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

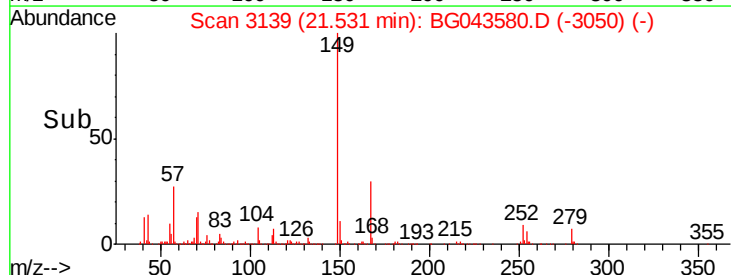
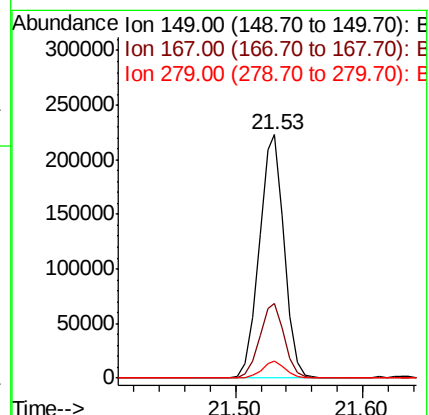
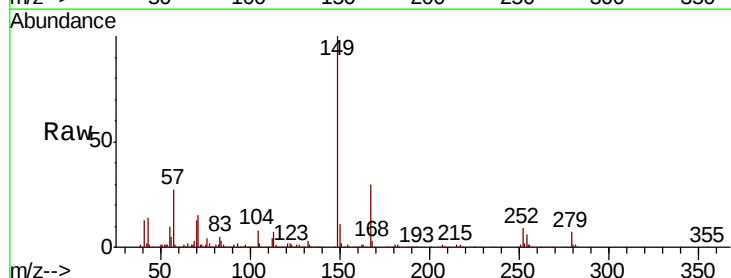
Tgt Ion:149 Resp: 303896

Ion Ratio Lower Upper

149 100

167 30.5 24.0 36.0

279 6.8 5.4 8.2

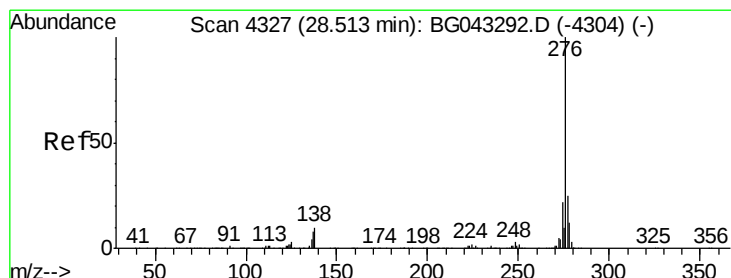
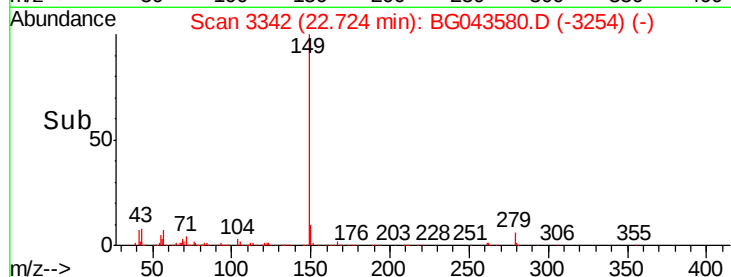
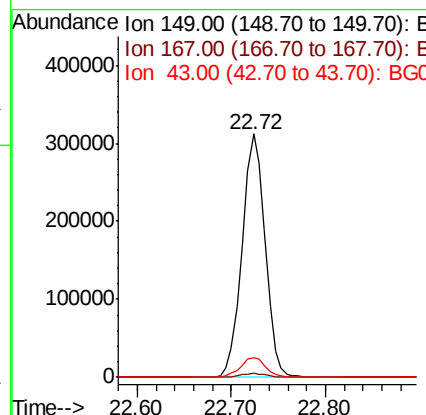
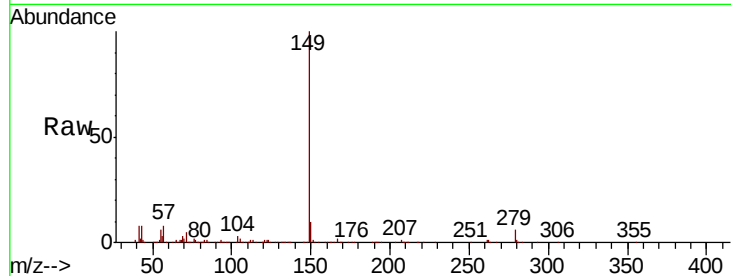




#85
Di-n-octyl phthalate
Concen: 48.217 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

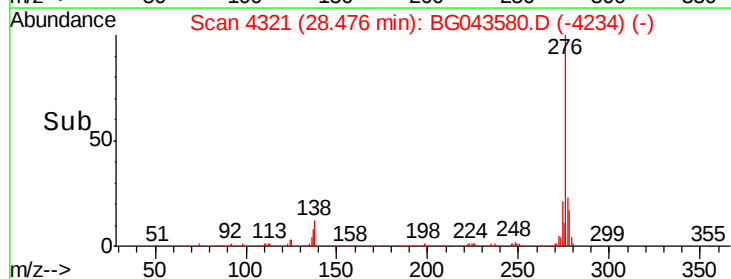
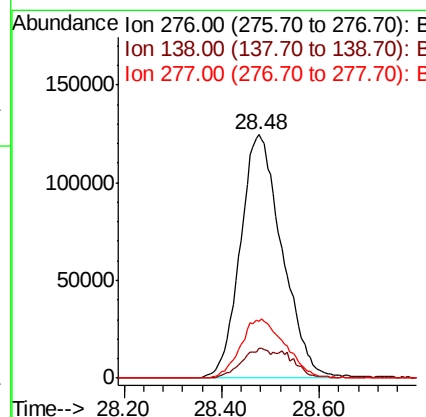
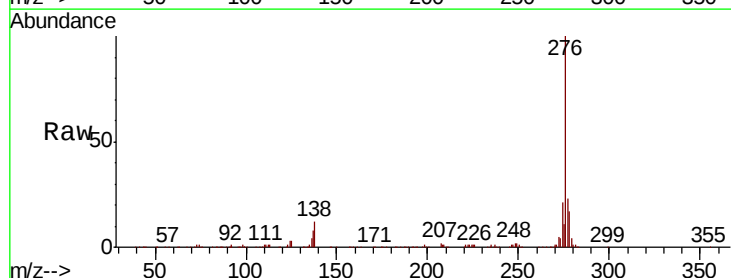
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

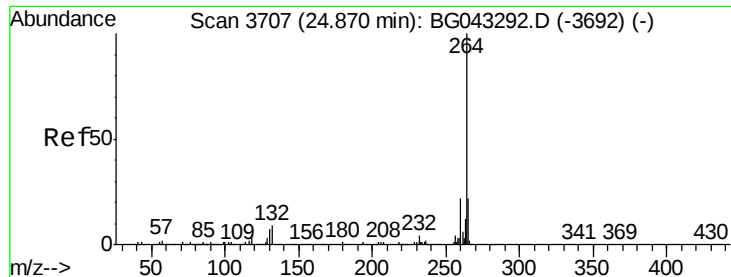
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.8	7.0	10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.797 ng
RT: 28.48 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	6.8	10.2
277	25.8	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

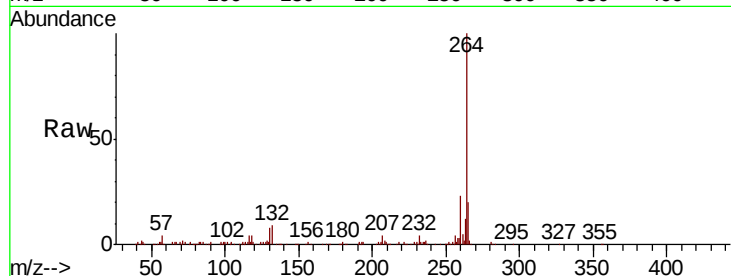
Tot Ion:264 Resp: 225877

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	20.4	17.4	26.0

264 100

260 23.0 17.5 26.3

265 20.4 17.4 26.0

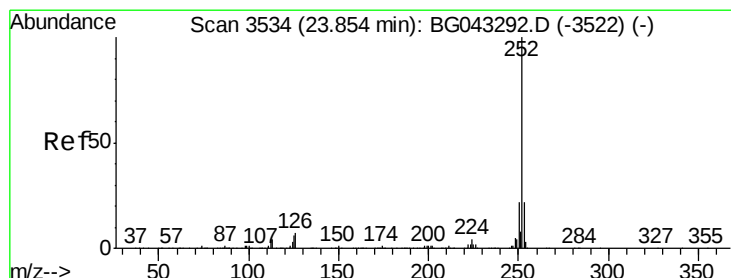
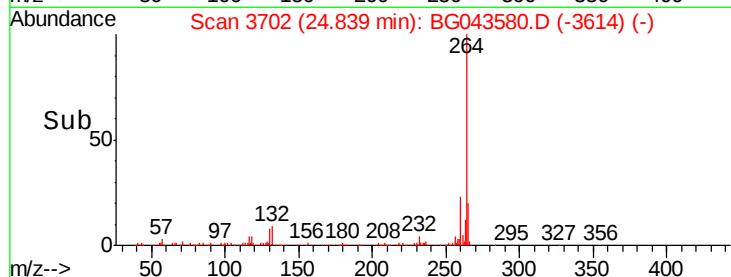
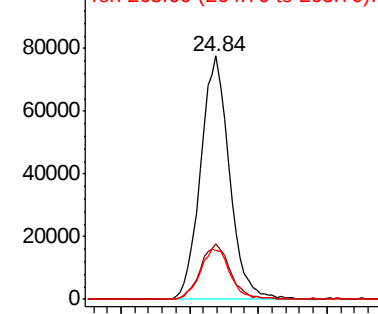


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.927 ng

RT: 23.83 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

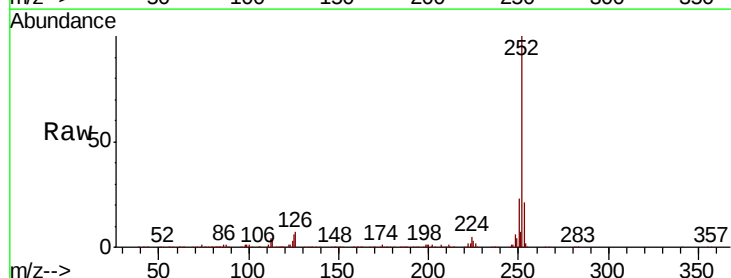
Tgt Ion:252 Resp: 600336

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	5.6	4.5	6.7

252 100

253 21.2 17.7 26.5

125 5.6 4.5 6.7

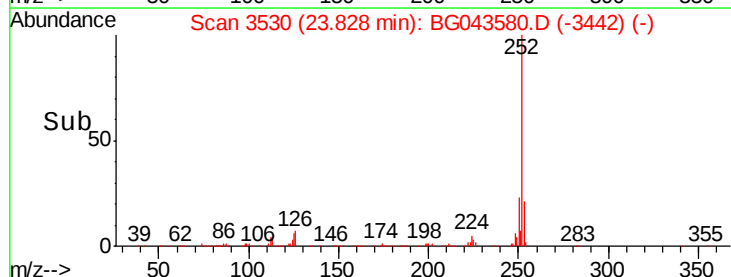
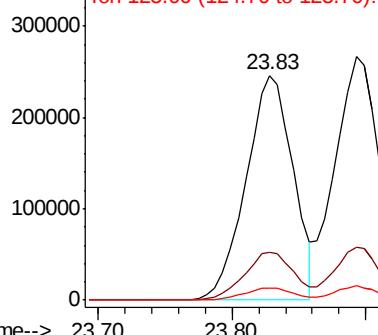


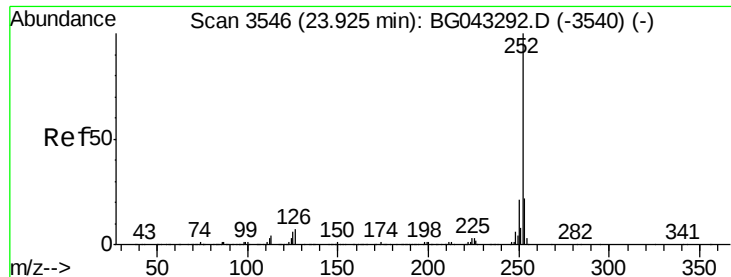
Abundance

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

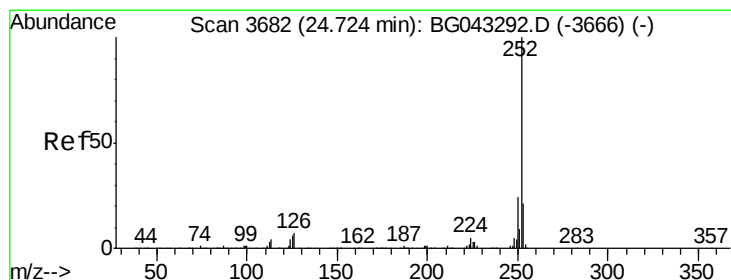
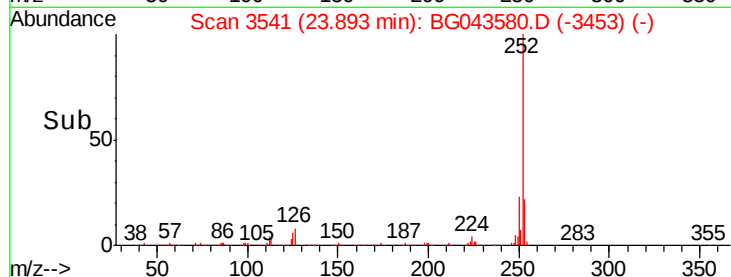
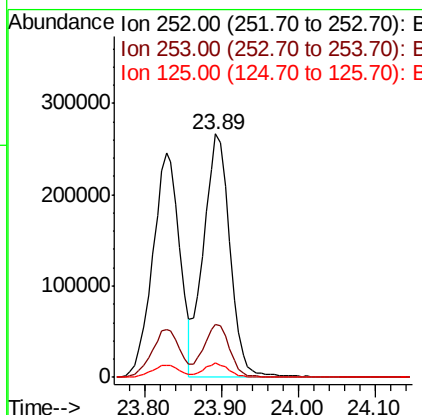
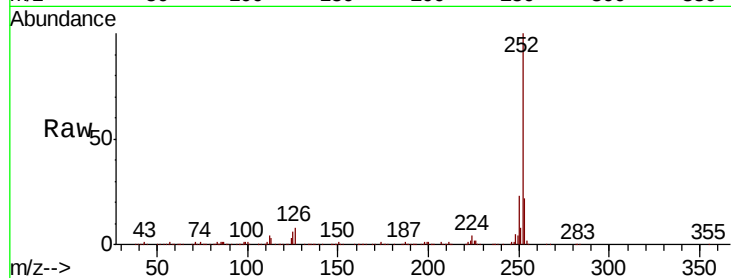




#89
Benzo(k)fluoranthene
Concen: 48.630 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

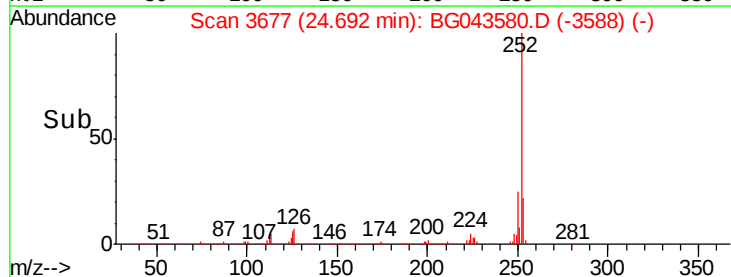
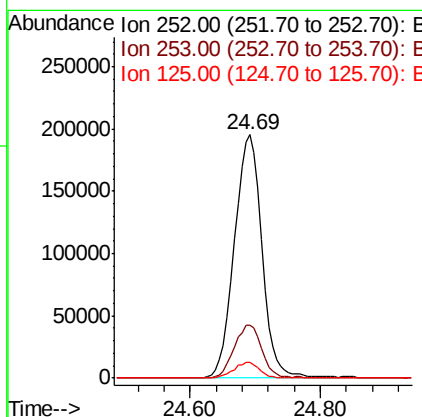
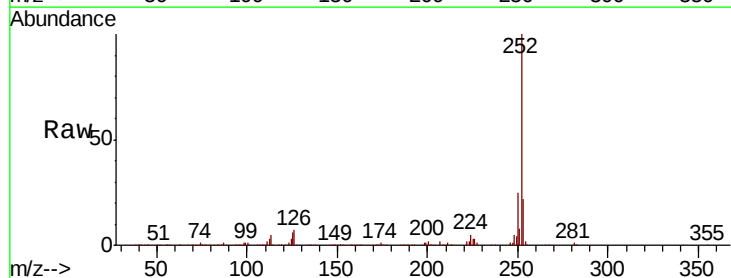
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.1	4.6	6.8



#90
Benzo(a)pyrene
Concen: 46.918 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.3	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 50.110 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.03 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

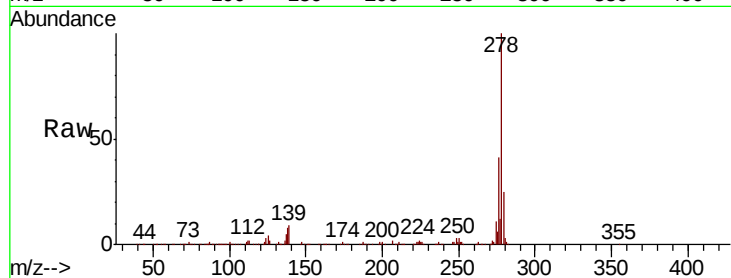
BNA_G

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:278 Resp: 626145

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.4	11.0
279	24.9	19.1	28.7

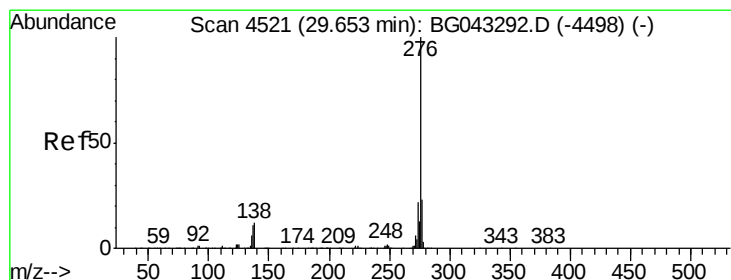
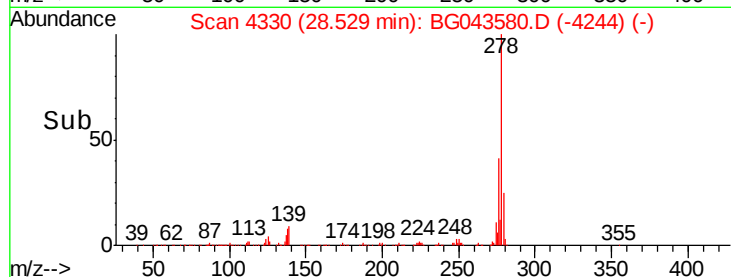
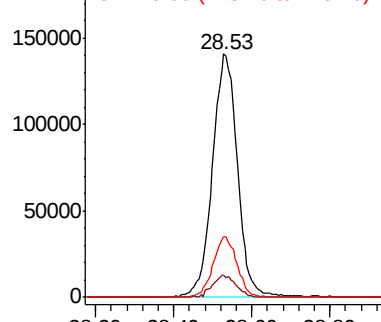


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.997 ng

RT: 29.62 min Scan# 4515

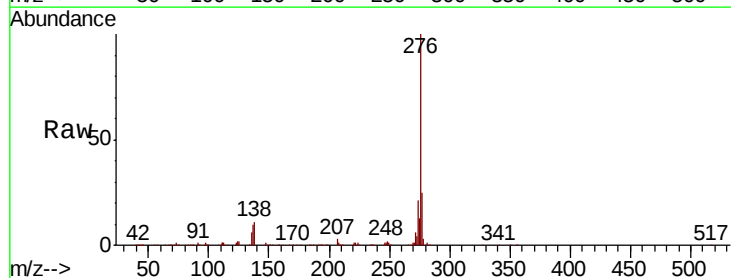
Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:276 Resp: 616243

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	11.1	8.9	13.3



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

