

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043386.D
 Acq On : 30 Oct 2019 00:06
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:25:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	47178	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	189884	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	136044	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	295172	20.00	ng	0.00
76) Chrysene-d12	21.67	240	323020	20.00	ng	0.00
87) Perylene-d12	24.86	264	385986	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	222403	86.38	ng	0.00
7) Phenol-d6	7.21	99	316327	85.40	ng	0.00
23) Nitrobenzene-d5	9.19	82	308457	83.75	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	202871	78.36	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	807990	82.07	ng	0.00
79) Terphenyl-d14	20.00	244	1403135	81.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	40368	40.235	ng	95
3) Pyridine	3.89	79	111675	44.125	ng	98
4) n-Nitrosodimethylamine	3.81	42	53939	42.236	ng	82
6) Aniline	7.35	93	181197	42.463	ng	97
8) 2-Chlorophenol	7.60	128	121339	42.694	ng	97
9) Benzaldehyde	7.17	77	83694	45.975	ng	91
10) Phenol	7.24	94	145728	43.052	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	103490	39.545	ng	95
12) 1,3-Dichlorobenzene	7.91	146	149558	42.001	ng	96
13) 1,4-Dichlorobenzene	8.06	146	149736	41.562	ng	98
14) 1,2-Dichlorobenzene	8.38	146	144507	41.080	ng	95
15) Benzyl Alcohol	8.27	79	108679	41.776	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	158379	41.620	ng	98
17) 2-Methylphenol	8.48	107	104170	42.215	ng	93
18) Hexachloroethane	9.11	117	55080	42.375	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	96581	40.350	ng	99
20) 3+4-Methylphenols	8.81	107	140444	41.506	ng	90
22) Acetophenone	8.85	105	199101	40.944	ng	# 98
24) Nitrobenzene	9.23	77	146561	41.772	ng	99
25) Isophorone	9.75	82	265067	39.363	ng	98
26) 2-Nitrophenol	9.94	139	72054	42.537	ng	95
27) 2,4-Dimethylphenol	10.01	122	99667	41.052	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	150600	40.522	ng	93
29) 2,4-Dichlorophenol	10.49	162	132614	42.631	ng	87
30) 1,2,4-Trichlorobenzene	10.69	180	163837	41.788	ng	96
31) Naphthalene	10.88	128	398394	41.334	ng	98
32) Benzoic acid	10.18	122	67091	38.417	ng	94
33) 4-Chloroaniline	11.00	127	163158	41.296	ng	99
34) Hexachlorobutadiene	11.17	225	122650	42.319	ng	93
35) Caprolactam	11.77	113	44308	41.357	ng	# 86
36) 4-Chloro-3-methylphenol	12.13	107	137204	40.436	ng	99
37) 2-Methylnaphthalene	12.48	142	305299	41.282	ng	99
38) 1-Methylnaphthalene	12.70	142	286458	40.710	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	211168	41.942	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	74160	28.040	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	122564	41.336	nq	94
44) 2,4,5-Trichlorophenol	13.18	196	125641	41.914	nq	97
46) 1,1'-Biphenyl	13.49	154	426025	41.164	nq	98
47) 2-Chloronaphthalene	13.53	162	327337	41.569	nq	99
48) 2-Nitroaniline	13.73	65	101888	43.291	nq	97
49) Acenaphthylene	14.37	152	499109	40.725	nq	97
50) Dimethylphthalate	14.10	163	415726	39.452	nq	100
51) 2,6-Dinitrotoluene	14.22	165	91592	40.009	nq	96
52) Acenaphthene	14.72	154	302850	40.521	nq	98
53) 3-Nitroaniline	14.56	138	88805	40.179	nq	96
54) 2,4-Dinitrophenol	14.77	184	31398	27.247	nq	96
55) Dibenzofuran	15.05	168	490016	40.430	nq	99
56) 4-Nitrophenol	14.89	139	57271	38.667	nq	93
57) 2,4-Dinitrotoluene	15.02	165	130951	40.026	nq	98
58) Fluorene	15.70	166	404587	39.800	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	124534	39.103	nq	# 98
60) Diethylphthalate	15.46	149	411494	38.864	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	240537	40.561	nq	96
62) 4-Nitroaniline	15.73	138	94762	41.515	nq	98
63) Azobenzene	15.98	77	339386	39.606	nq	95
65) 4,6-Dinitro-2-methylphenol	15.78	198	49119	28.277	nq	94
66) n-Nitrosodiphenylamine	15.90	169	351170	42.140	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	165681	41.709	nq	97
68) Hexachlorobenzene	16.71	284	191905	42.087	nq	96
69) Atrazine	16.85	200	110248	38.073	nq	96
70) Pentachlorophenol	17.05	266	85430	41.117	nq	93
71) Phenanthrene	17.44	178	632081	41.818	nq	97
72) Anthracene	17.53	178	637344	42.144	nq	99
73) Carbazole	17.81	167	572597	41.811	nq	98
74) Di-n-butylphthalate	18.35	149	685236	41.238	nq	99
75) Fluoranthene	19.45	202	798287	40.511	nq	99
77) Benzidine	19.63	184	252180	38.792	nq	99
78) Pyrene	19.81	202	814077	40.715	nq	100
80) Butylbenzylphthalate	20.69	149	316087	41.727	nq	98
81) Benzo(a)anthracene	21.64	228	849666	41.993	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	330412	42.220	nq	99
83) Chrysene	21.71	228	829889	41.280	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	459436	42.696	nq	99
85) Di-n-octyl phthalate	22.75	149	776806	42.550	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	1086359	43.049	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	910268	41.639	nq	98
89) Benzo(k)fluoranthene	23.92	252	885886	40.254	nq	98
90) Benzo(a)pyrene	24.71	252	862065	41.295	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	900570	42.176	nq	99
92) Benzo(g,h,i)perylene	29.65	276	881443	41.849	nq	97

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

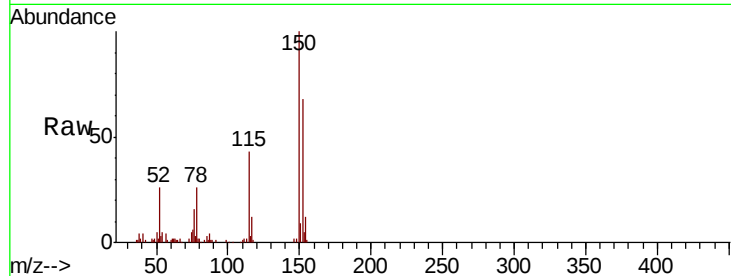


#1

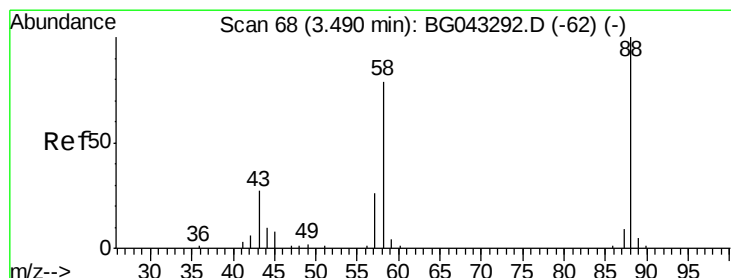
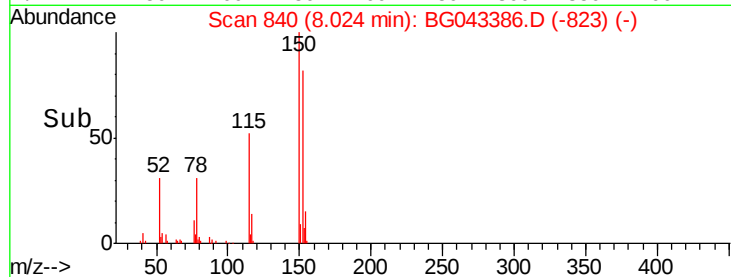
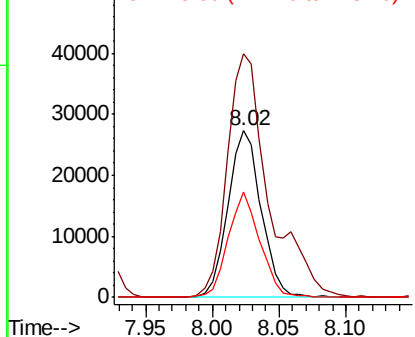
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47178
Ion Ratio Lower Upper
152 100
150 146.5 113.6 170.4
115 63.3 45.9 68.9



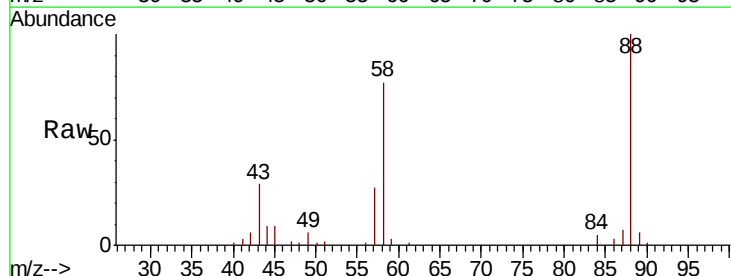
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



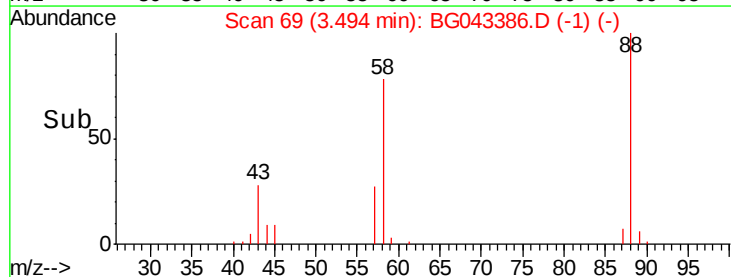
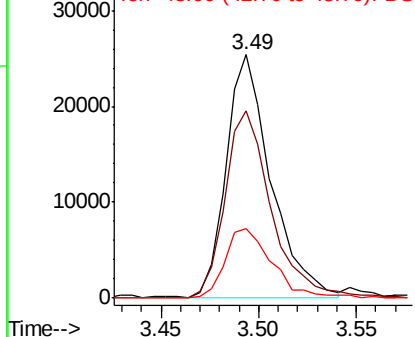
#2

1,4-Dioxane
Concen: 40.235 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion: 88 Resp: 40368
Ion Ratio Lower Upper
88 100
58 79.7 60.2 90.2
43 30.4 22.7 34.1



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: 44.125 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

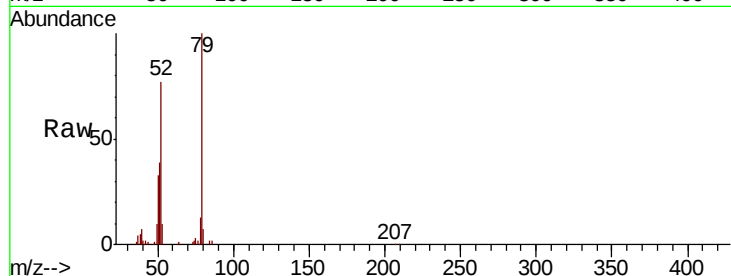
Tot Ion: 79 Resp: 111675

Ion Ratio Lower Upper

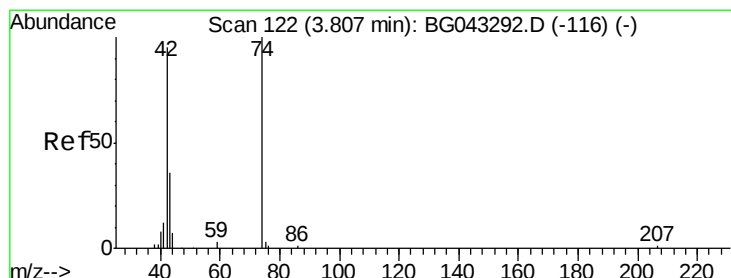
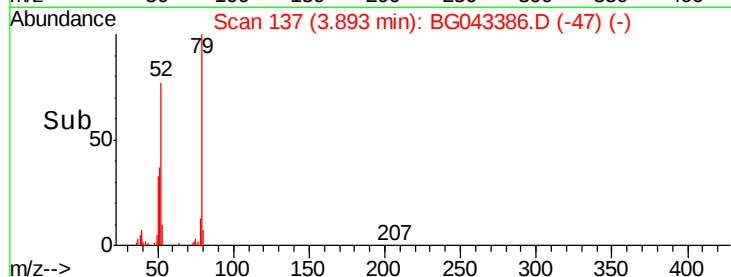
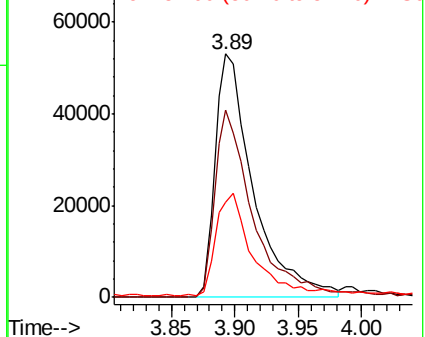
79 100

52 76.9 59.7 89.5

51 39.0 31.8 47.6



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: 42.236 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

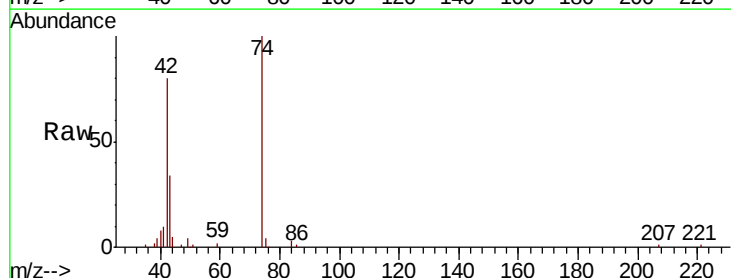
Tgt Ion: 42 Resp: 53939

Ion Ratio Lower Upper

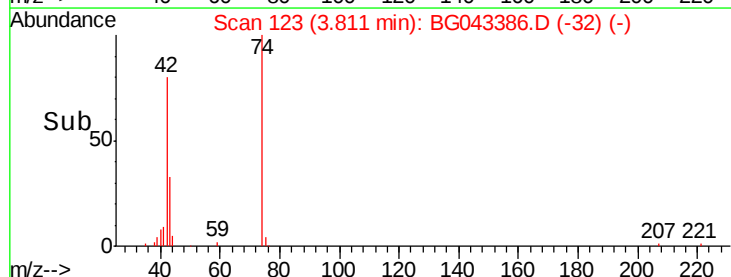
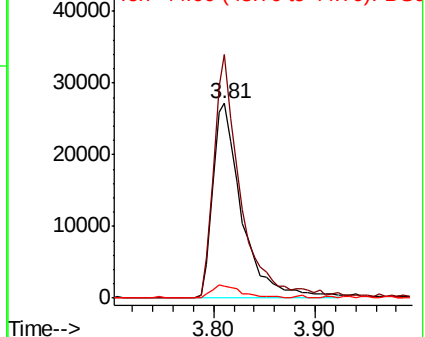
42 100

74 125.1 84.2 126.2

44 6.2 6.0 9.0



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: 86.384 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

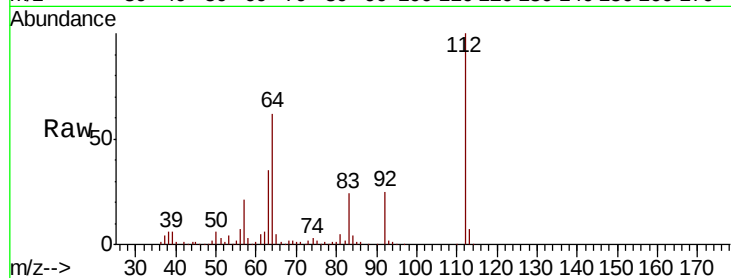
Tot Ion:112 Resp: 222403

Ion Ratio Lower Upper

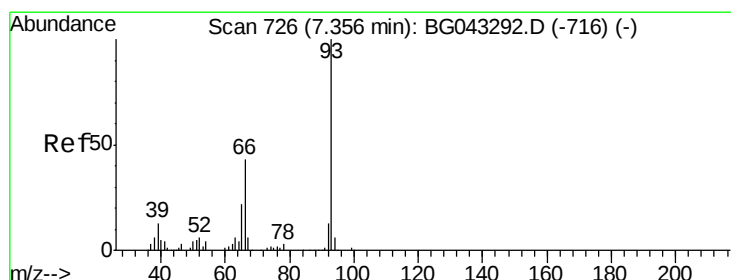
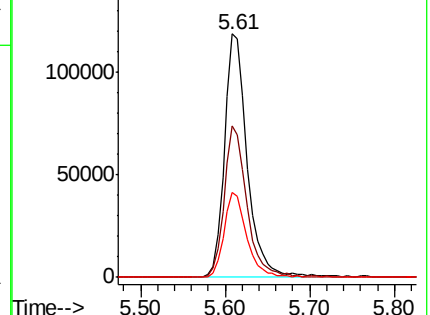
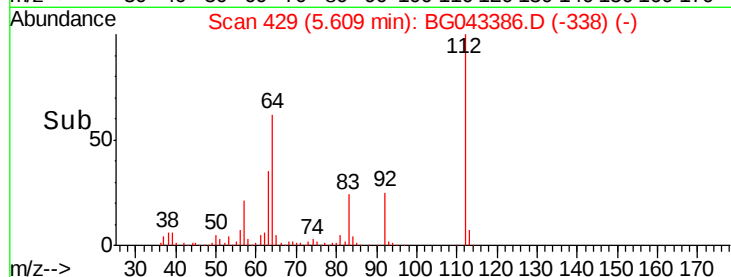
112 100

64 62.2 50.2 75.2

63 35.0 26.7 40.1



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: 42.463 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

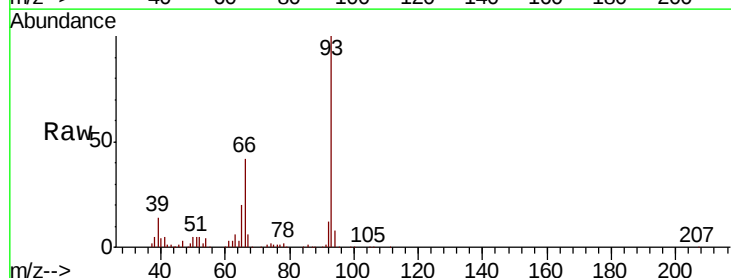
Tgt Ion: 93 Resp: 181197

Ion Ratio Lower Upper

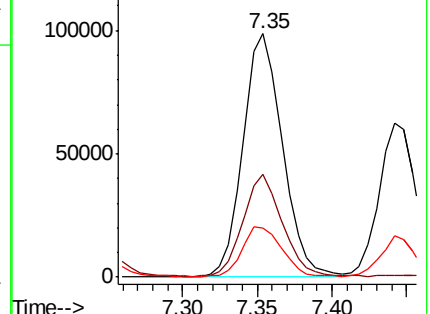
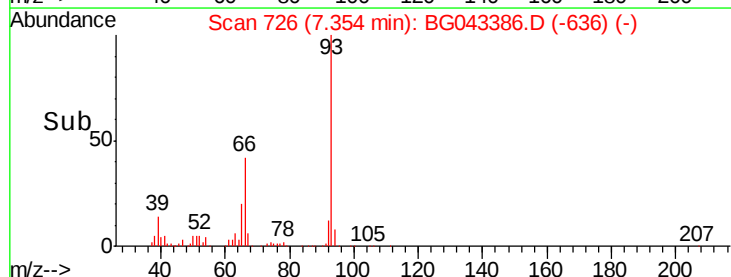
93 100

66 42.1 34.5 51.7

65 20.2 18.0 27.0



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





#7

Phenol-d6

Concen: 85.396 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

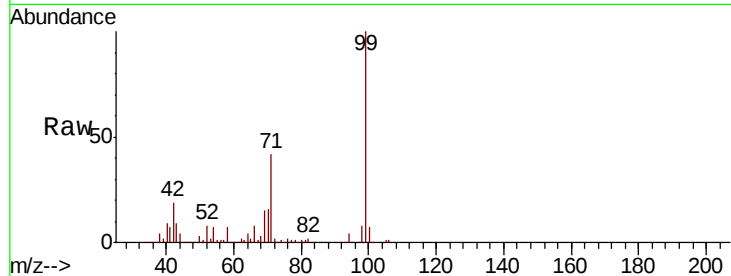
Tot Ion: 99 Resp: 316327

Ion Ratio Lower Upper

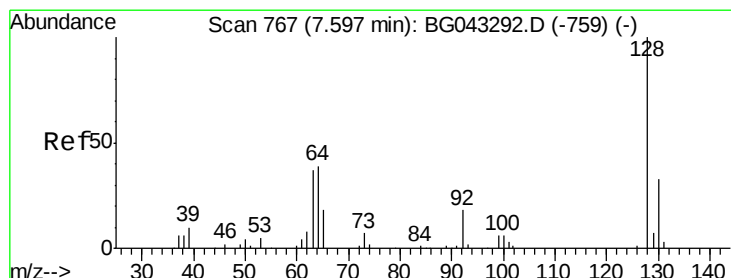
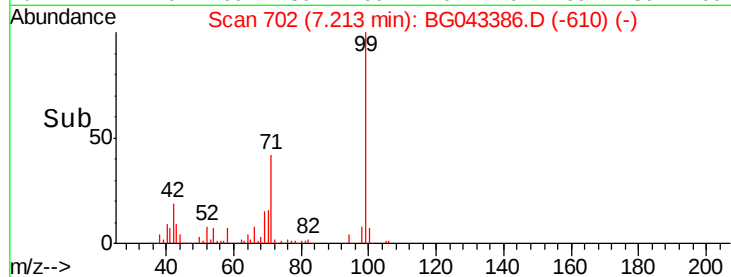
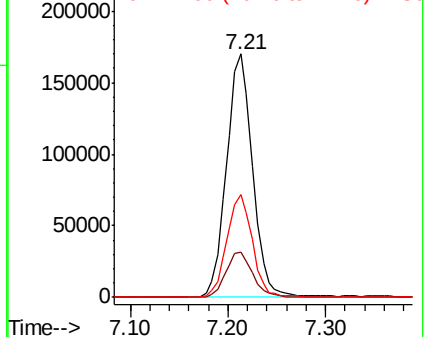
99 100

42 18.6 14.9 22.3

71 42.4 32.2 48.2



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: 42.694 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

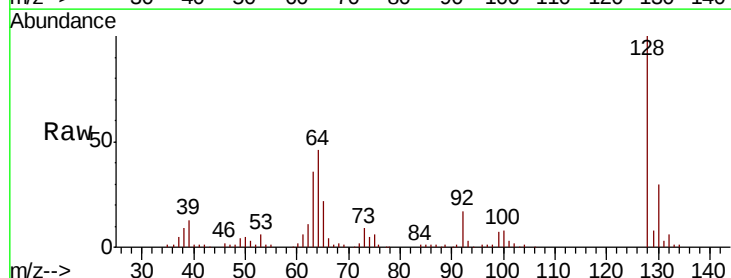
Tgt Ion: 128 Resp: 121339

Ion Ratio Lower Upper

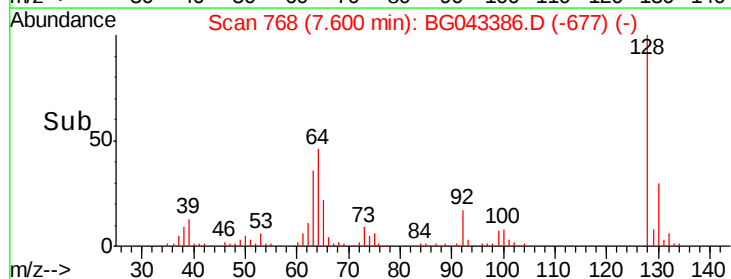
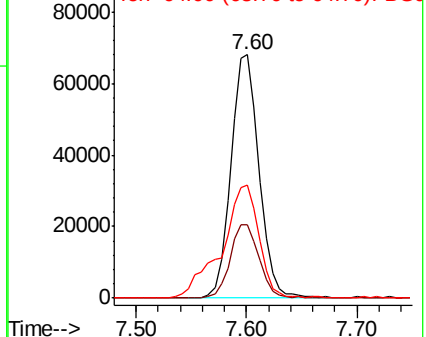
128 100

130 29.9 12.9 52.9

64 46.3 24.9 64.9



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: 45.975 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

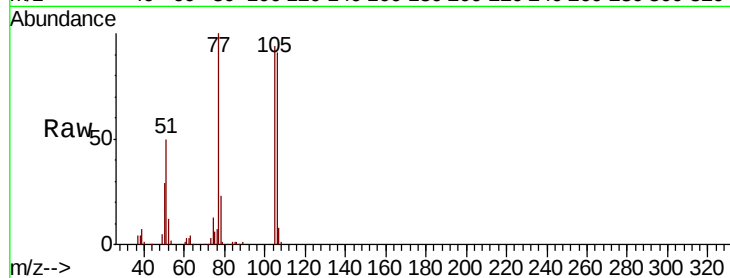
Tot Ion: 77 Resp: 83694

Ion Ratio Lower Upper

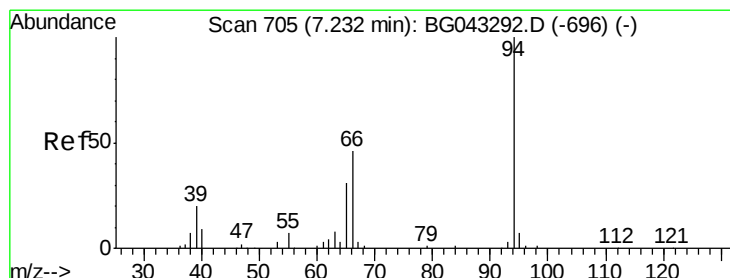
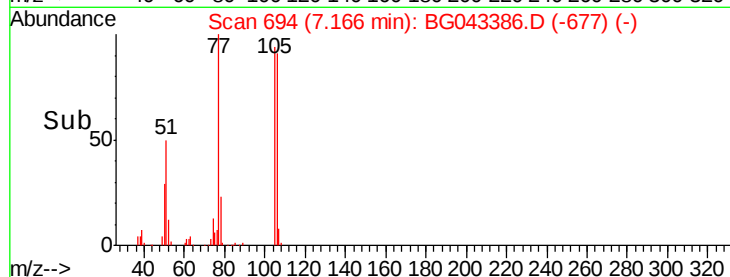
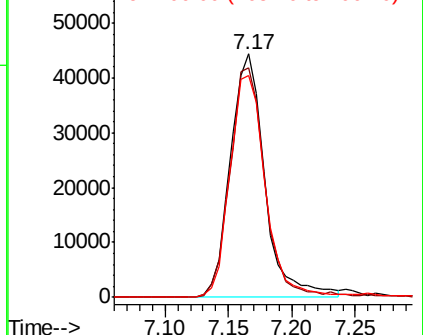
77 100

105 94.2 68.7 108.7

106 91.3 60.5 100.5



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: 43.052 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

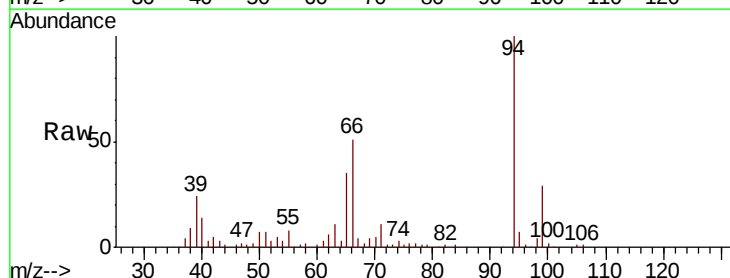
Tgt Ion: 94 Resp: 145728

Ion Ratio Lower Upper

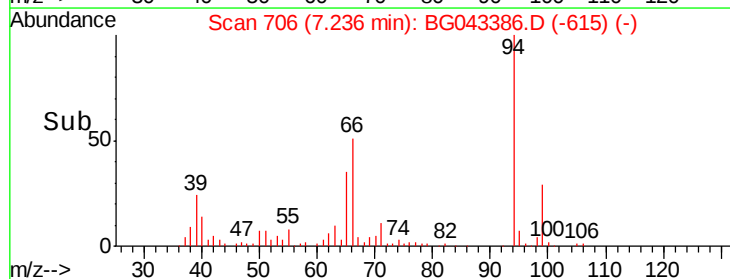
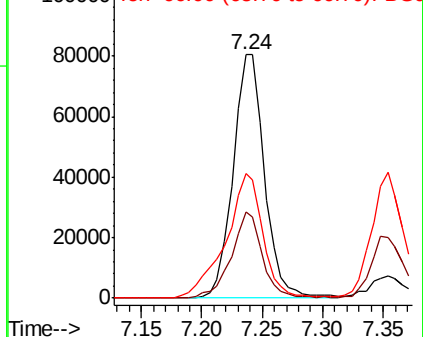
94 100

65 35.4 11.1 51.1

66 51.1 27.8 67.8



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

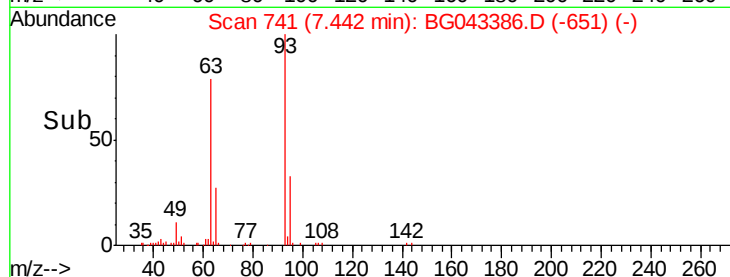
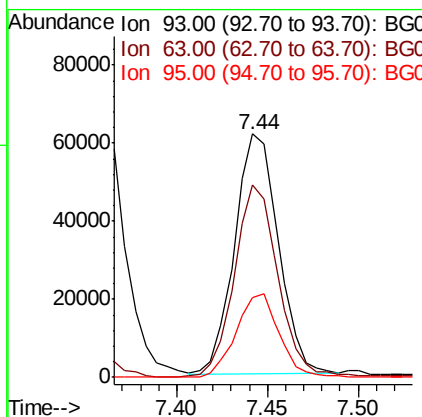
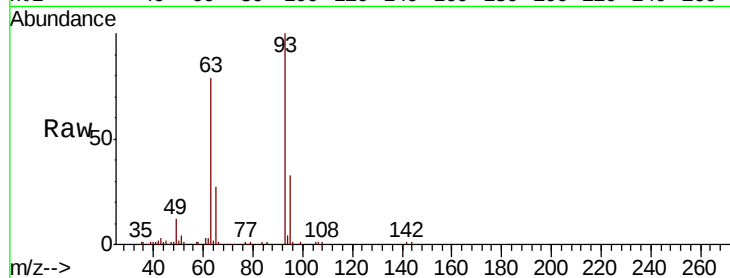




#11
bis(2-Chloroethyl)ether
Concen: 39.545 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

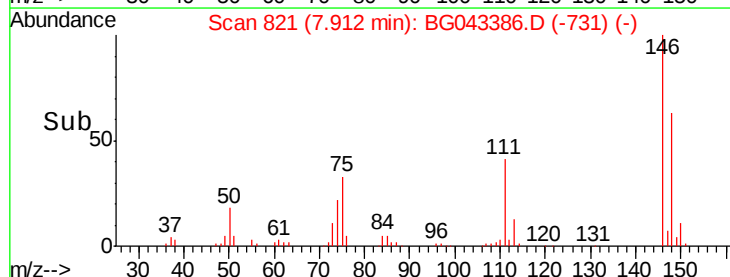
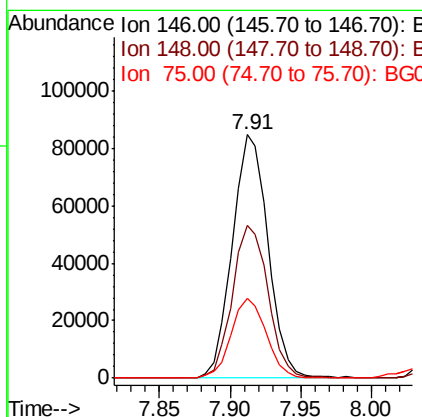
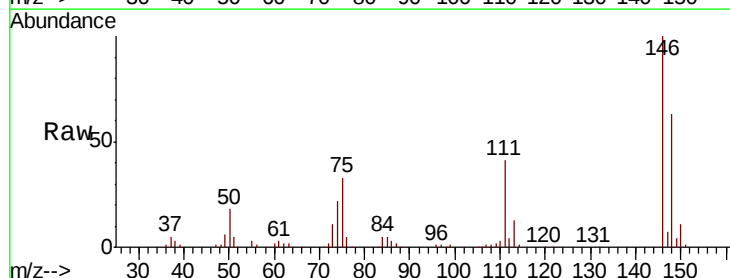
Instrument :
BNA_G
ClientSampleId :

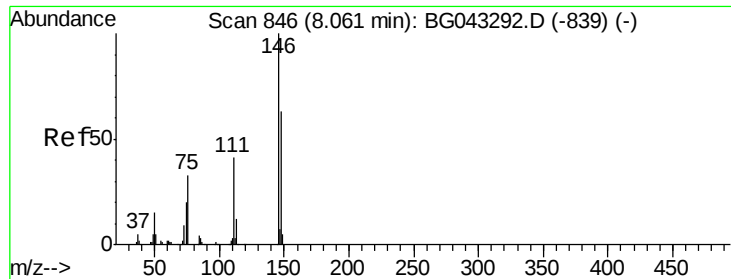
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	54.6	94.6
95	32.6	9.7	49.7



#12
1,3-Dichlorobenzene
Concen: 42.001 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.4	80.2
75	32.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.562 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampled :

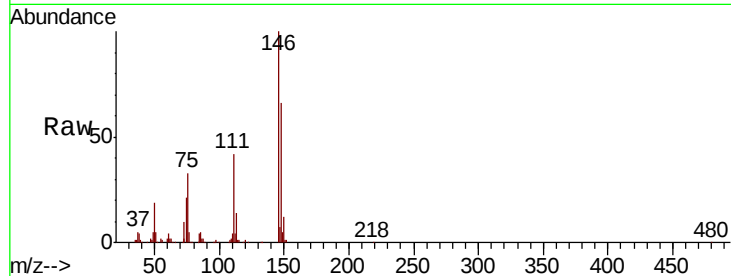
Tot Ion:146 Resp: 149736

Ion Ratio Lower Upper

146 100

148 66.0 50.7 76.1

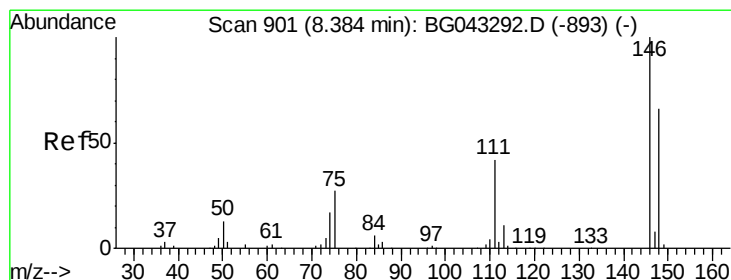
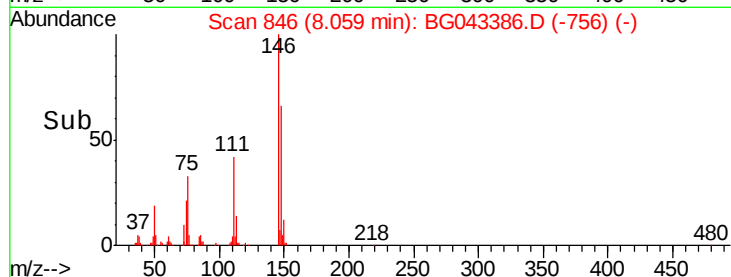
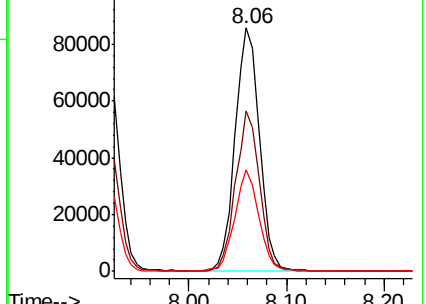
111 41.5 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.080 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

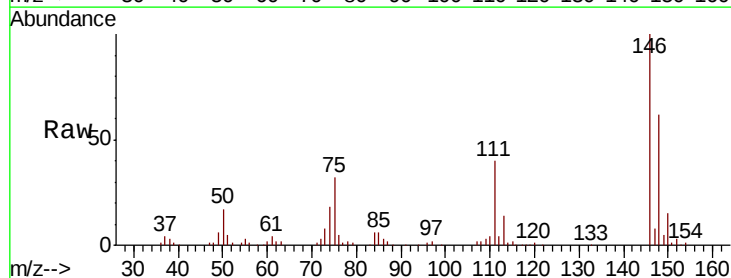
Tgt Ion:146 Resp: 144507

Ion Ratio Lower Upper

146 100

148 61.6 53.0 79.4

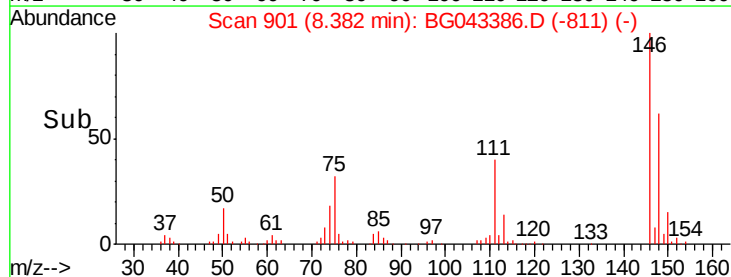
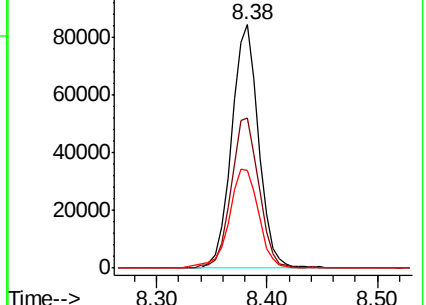
111 40.3 34.5 51.7

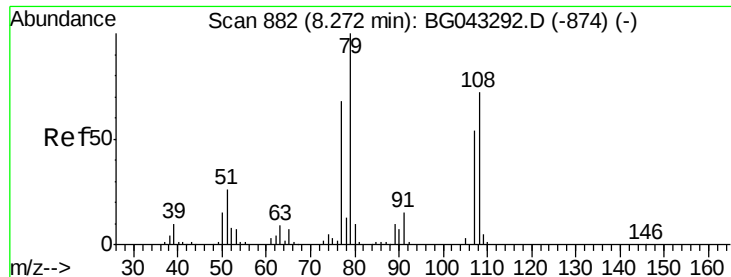


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.776 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

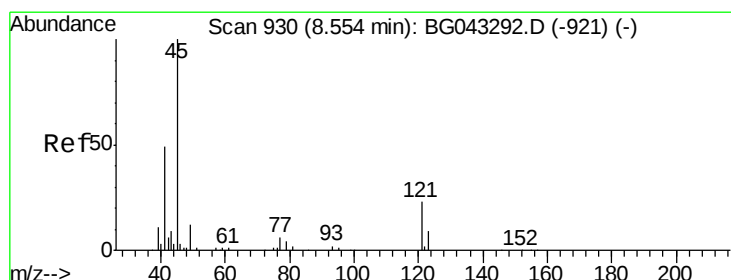
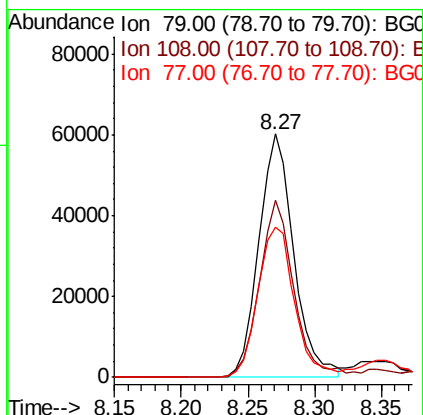
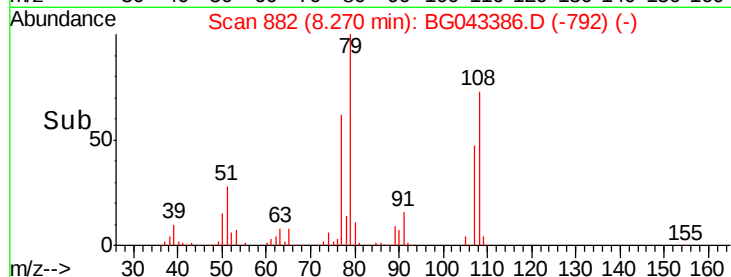
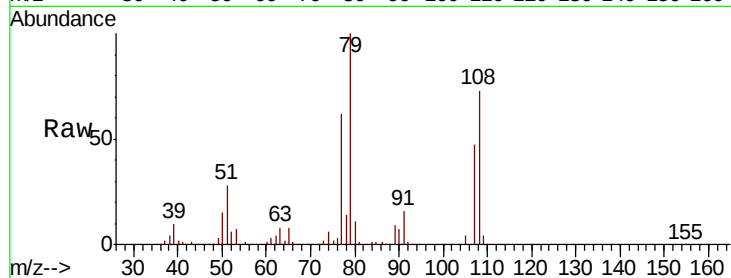
Tot Ion: 79 Resp: 108679

Ion Ratio Lower Upper

79 100

108 72.5 57.3 85.9

77 61.7 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.620 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

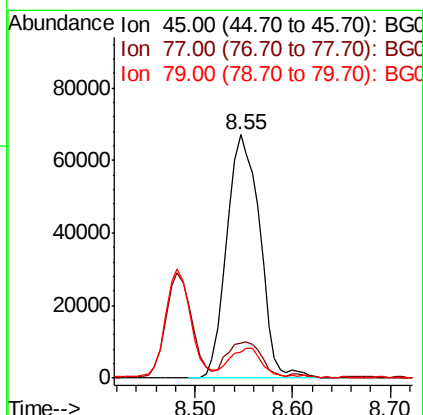
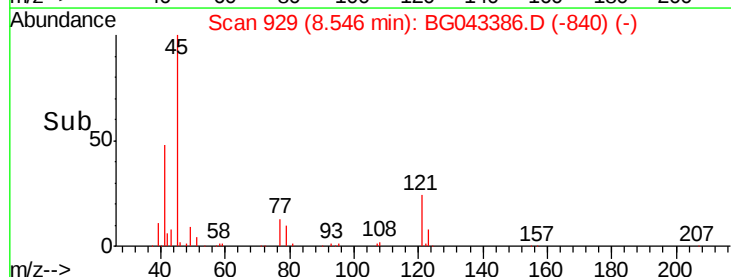
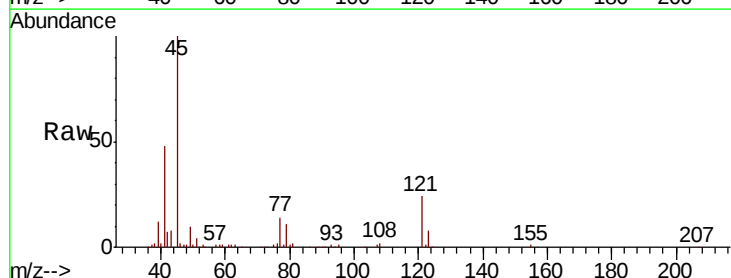
Tgt Ion: 45 Resp: 158379

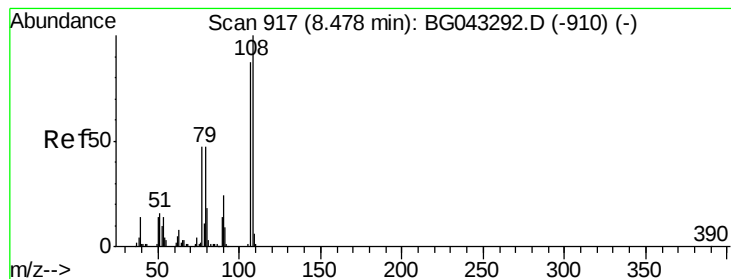
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.2

79 10.7 0.0 32.3

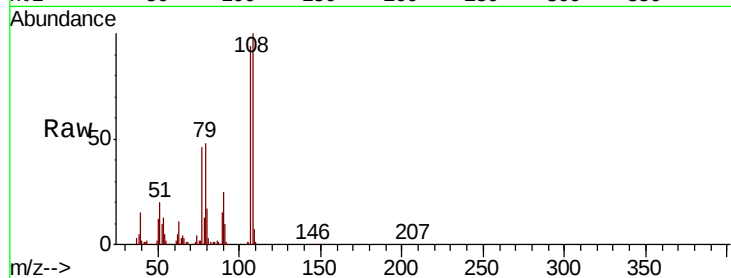




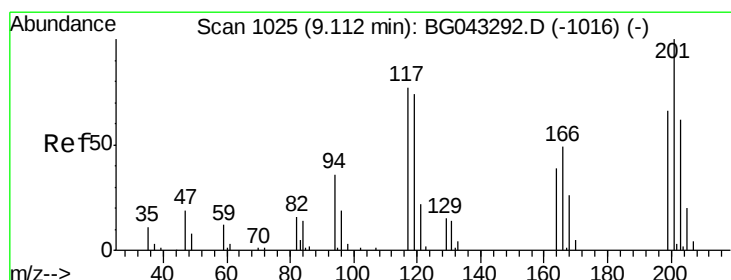
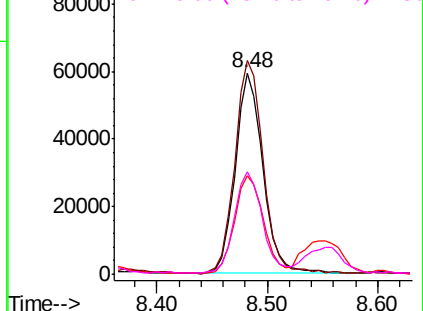
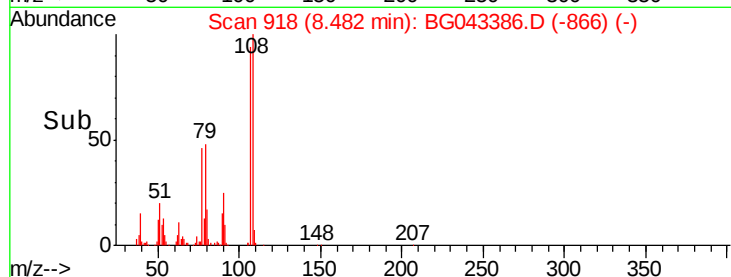
#17
2-Methylphenol
Concen: 42.215 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	104170
Ion	Ratio	Lower	Upper
107	100		
108	106.2	91.3	136.9
77	49.1	43.0	64.6
79	50.7	43.4	65.2

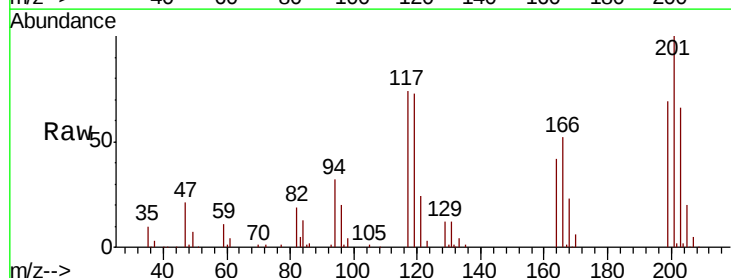


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

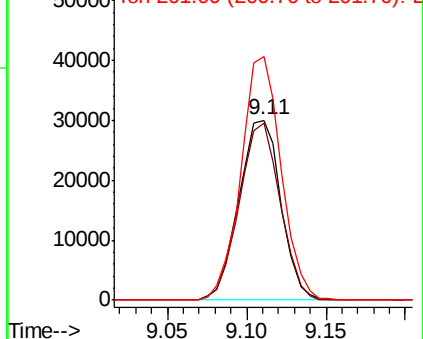
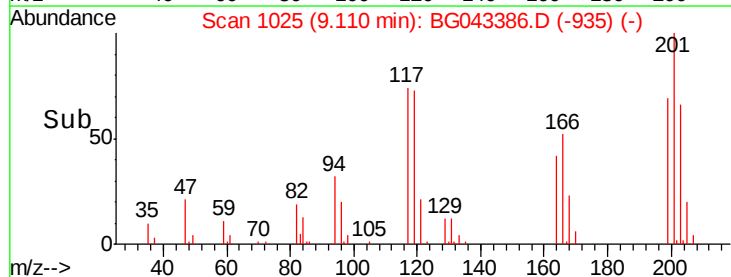


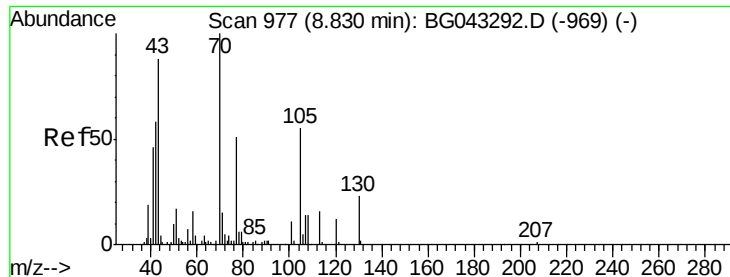
#18
Hexachloroethane
Concen: 42.375 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:	117	Resp:	55080
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.3	115.9
201	135.4	104.2	156.4



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

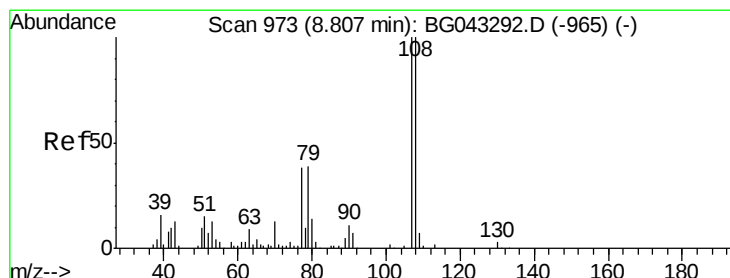
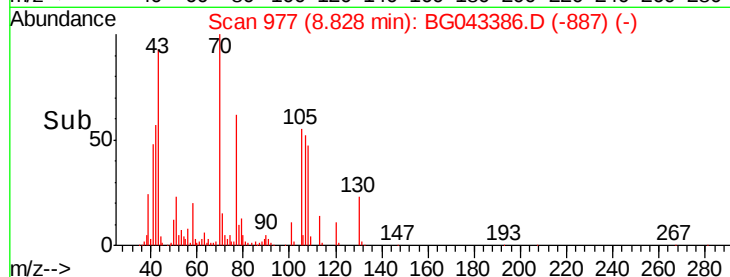
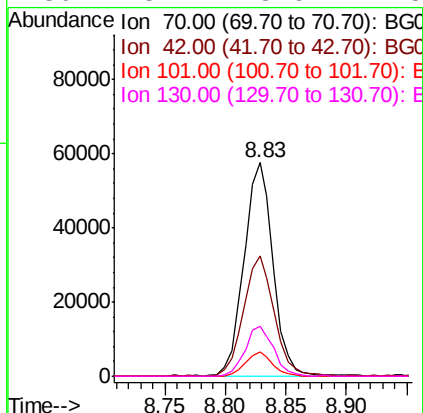
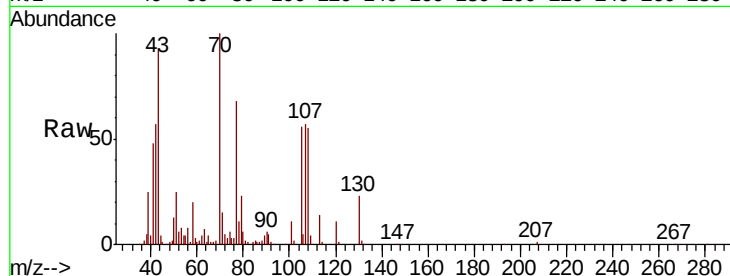




#19
n-Nitroso-di-n-propylamine
Concen: 40.350 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

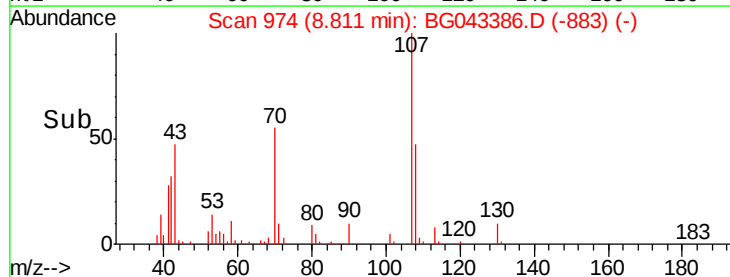
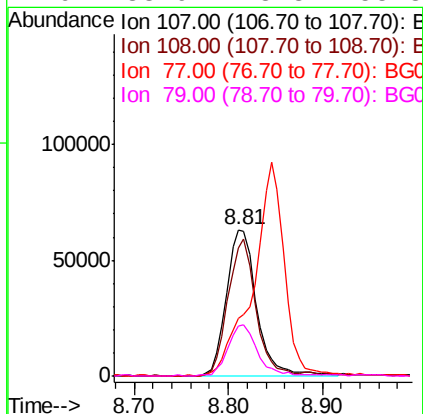
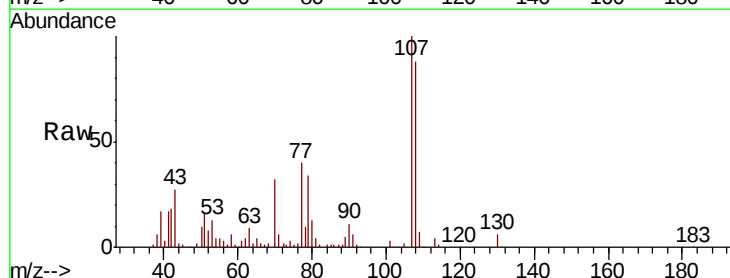
Instrument :
BNA_G
ClientSampled :

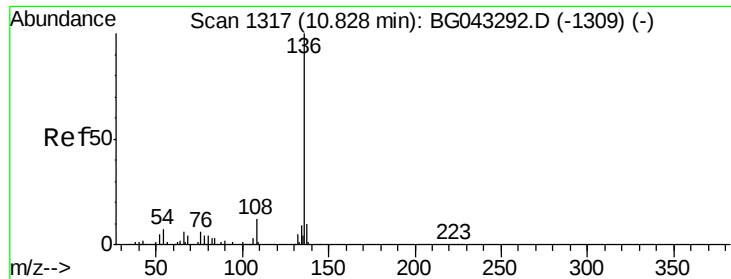
Tot Ion:	70	Resp:	96581
Ion	Ratio	Lower	Upper
70	100		
42	56.6	46.2	69.2
101	11.1	8.6	13.0
130	23.2	18.6	27.8



#20
3+4-Methylphenols
Concen: 41.506 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:	107	Resp:	140444
Ion	Ratio	Lower	Upper
107	100		
108	87.6	80.3	120.3
77	39.8	18.2	58.2
79	33.9	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 189884

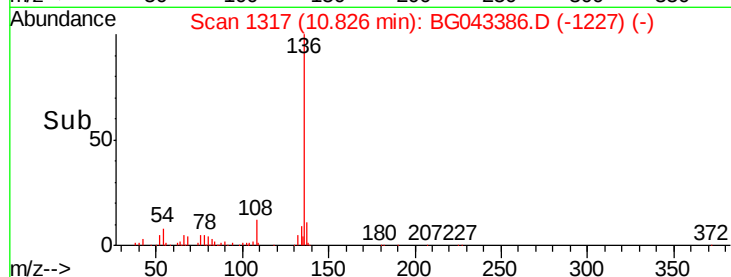
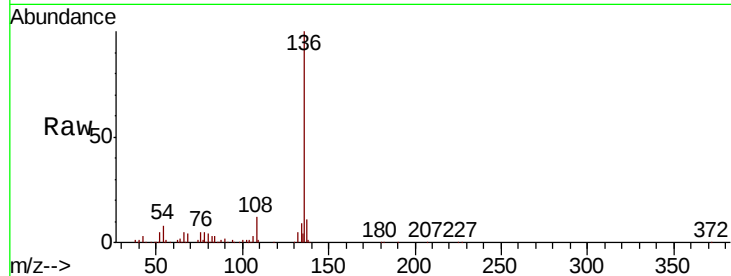
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 8.1 5.4 8.2

68 3.8 3.3 4.9

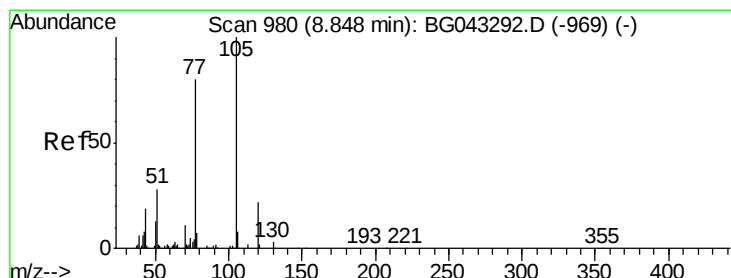
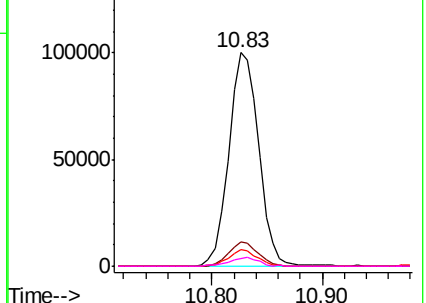


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.944 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Tgt Ion:105 Resp: 199101

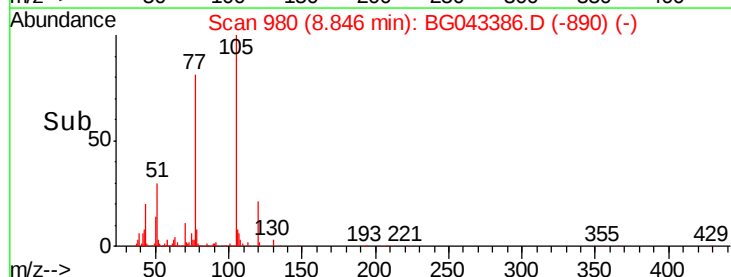
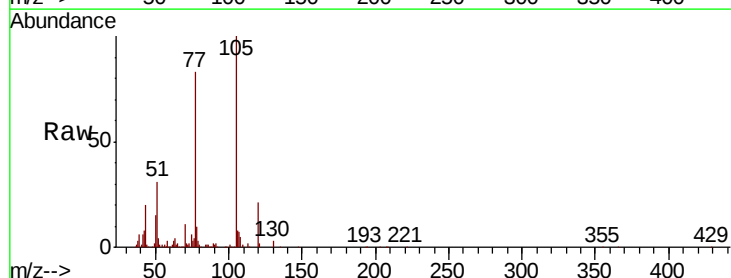
Ion Ratio Lower Upper

105 100

71 2.3 1.5 2.3#

51 30.9 23.9 35.9

120 21.0 17.3 25.9

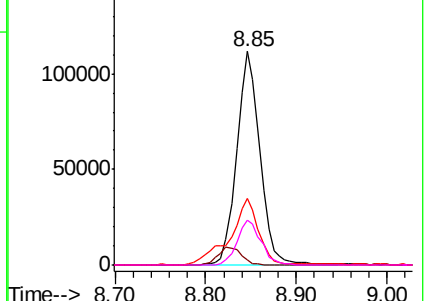


Abundance Ion 105.00 (104.70 to 105.70): E

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

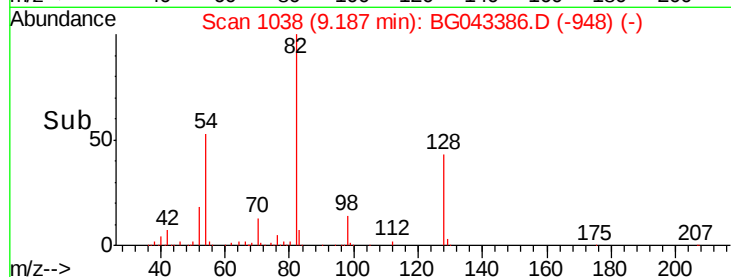
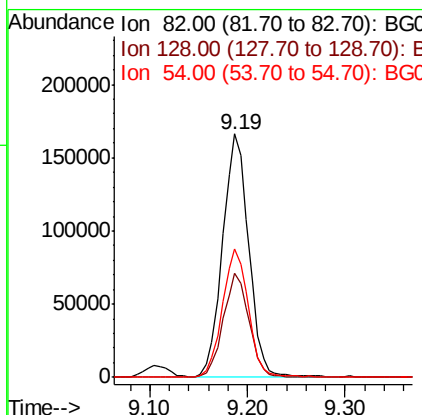
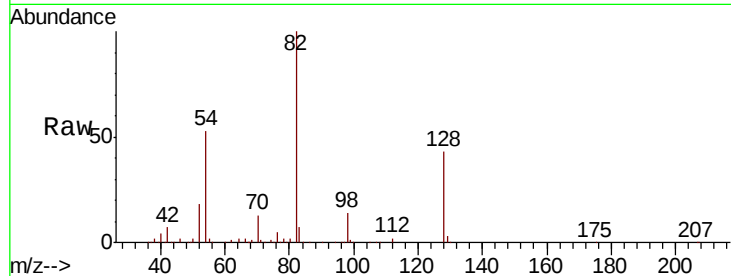




#23
Nitrobenzene-d5
Concen: 83.748 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

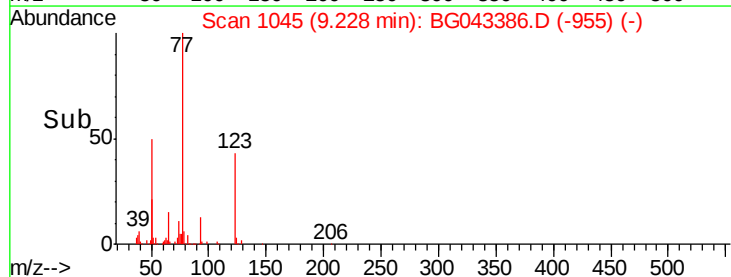
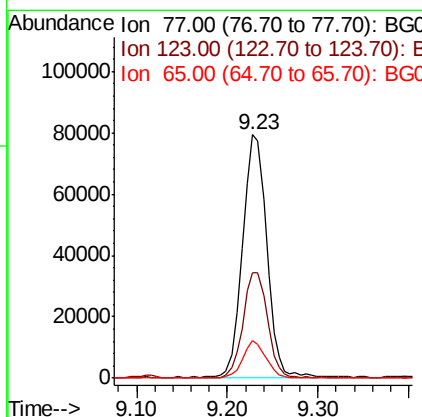
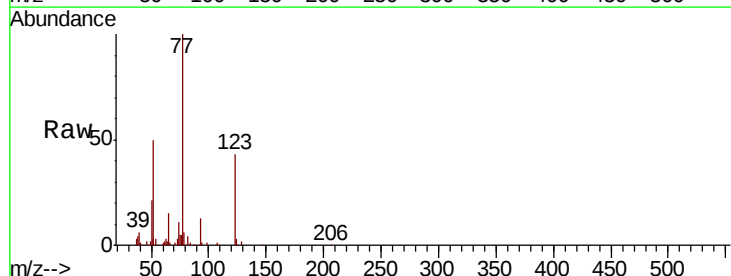
Instrument :
BNA_G
ClientSampled :

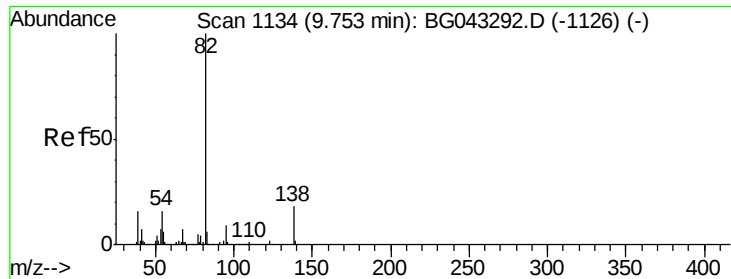
Tot Ion	82	Resp	308457
Ion Ratio	100	Lower	Upper
128	42.7	35.3	52.9
54	52.7	42.3	63.5



#24
Nitrobenzene
Concen: 41.772 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	77	Resp	146561
Ion Ratio	100	Lower	Upper
123	43.0	33.8	50.8
65	15.4	13.0	19.4

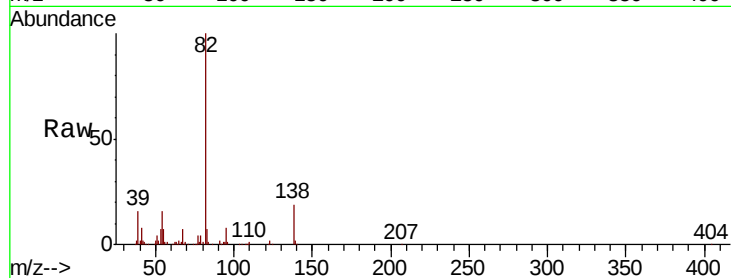




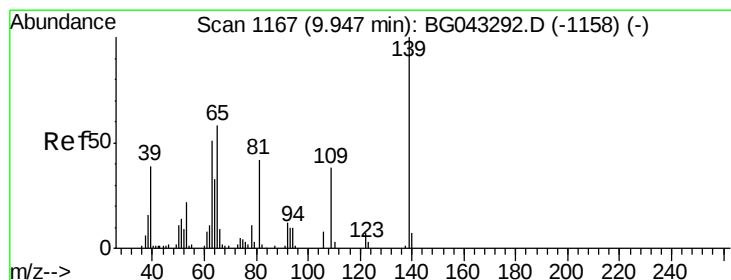
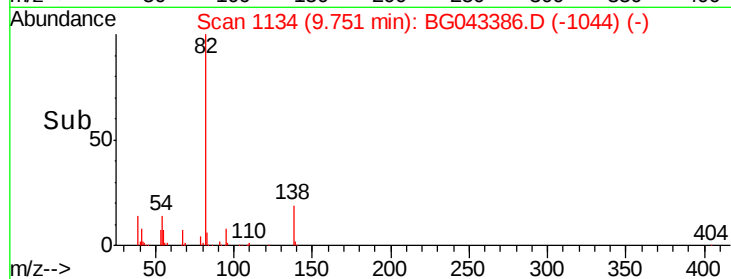
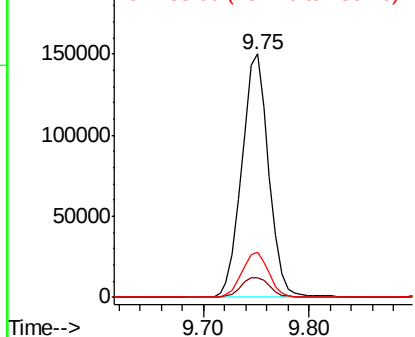
#25
Isophorone
Concen: 39.363 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	265067
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.9	10.3
138	18.7	14.2	21.2

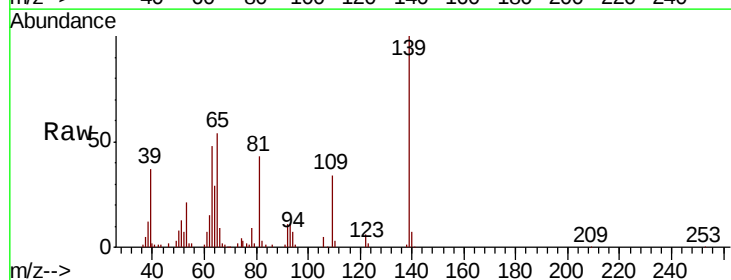


Abundance Ion 82.00 (81.70 to 82.70): BG043386.D (-1044) (-)
Ion 95.00 (94.70 to 95.70): BG043386.D (-1044) (-)
Ion 138.00 (137.70 to 138.70): BG043386.D (-1044) (-)

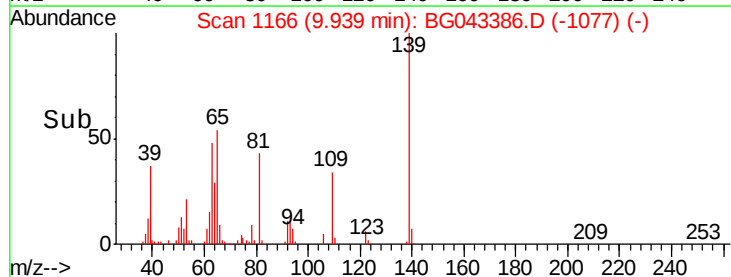
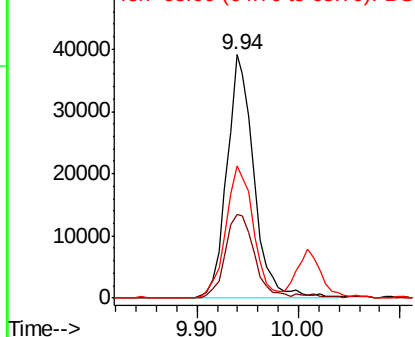


#26
2-Nitrophenol
Concen: 42.537 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	139	Resp	72054
Ion Ratio	Lower	Upper	
139	100		
109	34.2	30.1	45.1
65	54.5	46.1	69.1



Abundance Ion 139.00 (138.70 to 139.70): BG043386.D (-1077) (-)
Ion 109.00 (108.70 to 109.70): BG043386.D (-1077) (-)
Ion 65.00 (64.70 to 65.70): BG043386.D (-1077) (-)

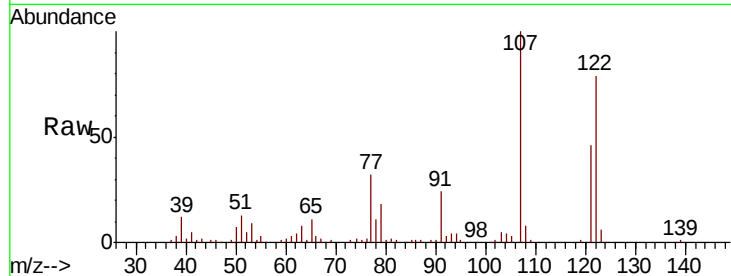




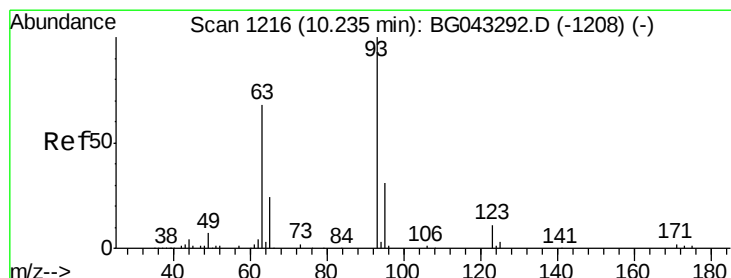
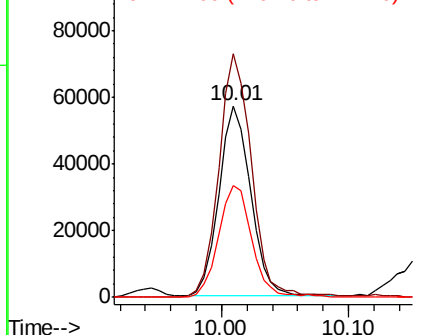
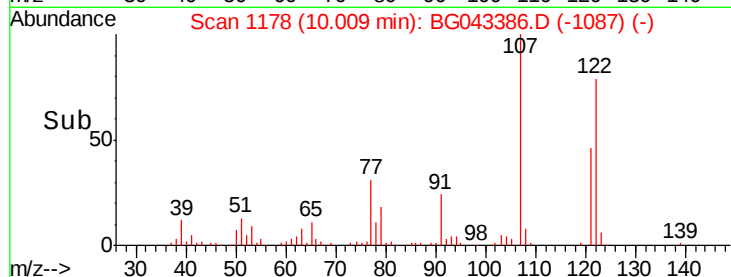
#27
2,4-Dimethylphenol
Concen: 41.052 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 99667
Ion Ratio Lower Upper
122 100
107 127.3 98.6 147.8
121 58.5 50.1 75.1

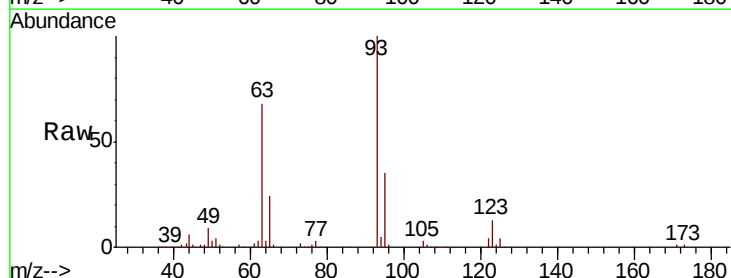


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

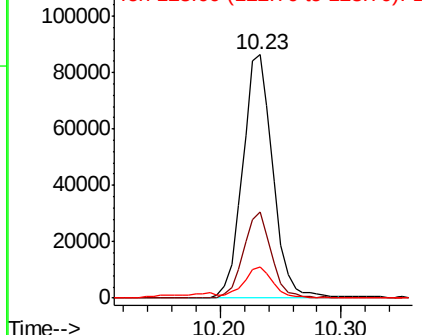
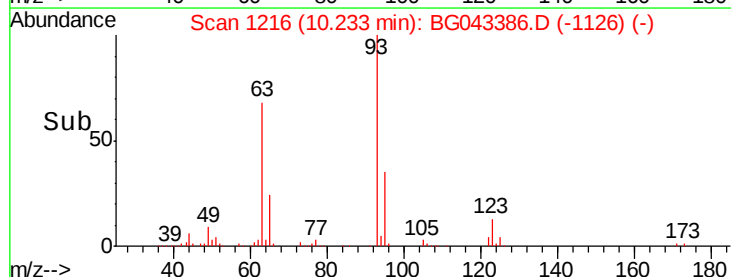


#28
bis(2-Chloroethoxy)methane
Concen: 40.522 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion: 93 Resp: 150600
Ion Ratio Lower Upper
93 100
95 35.4 24.9 37.3
123 12.7 8.9 13.3



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

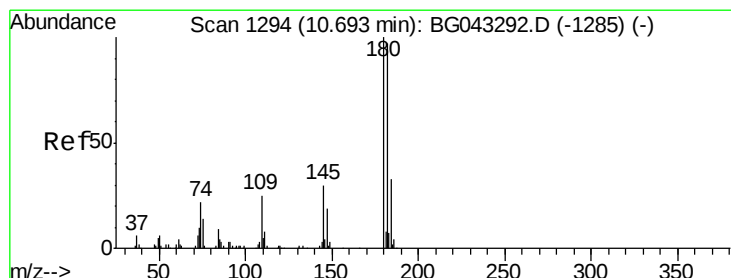
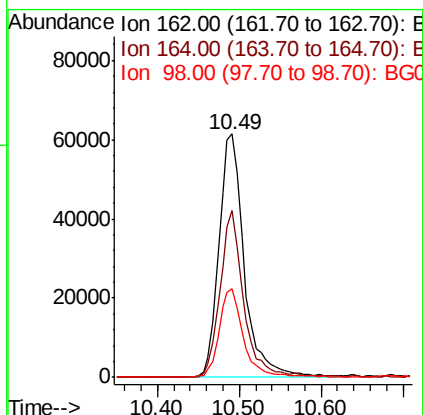
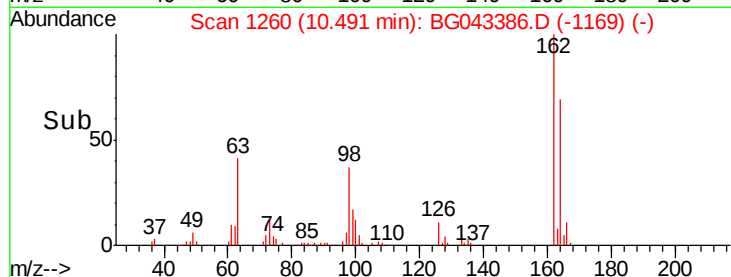
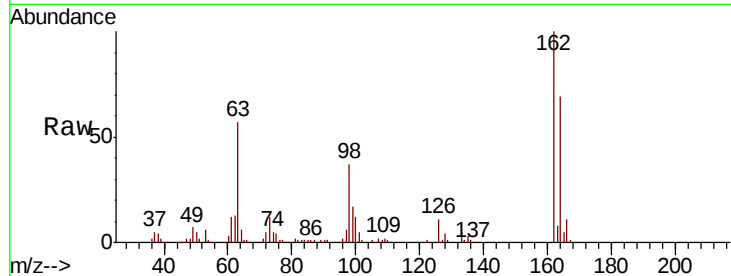




#29
2,4-Dichlorophenol
Concen: 42.631 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

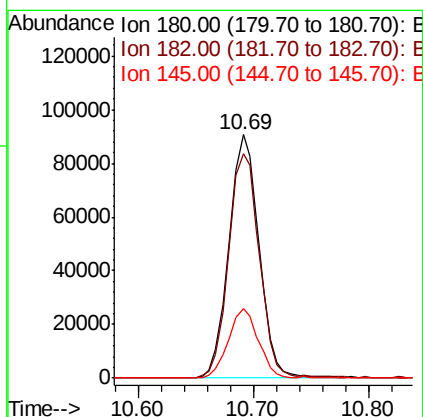
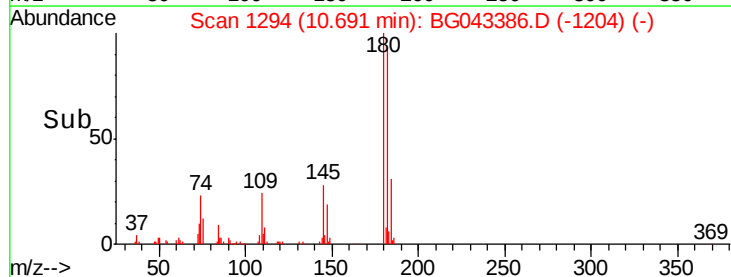
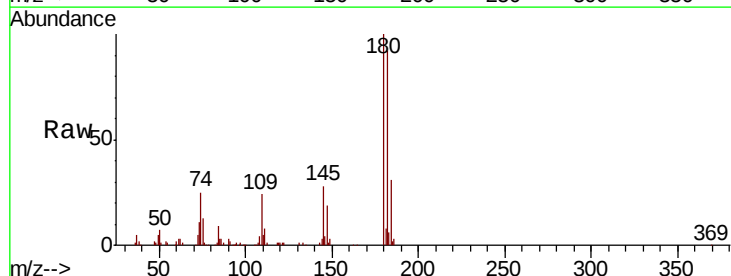
Instrument :
BNA_G
ClientSampleId :

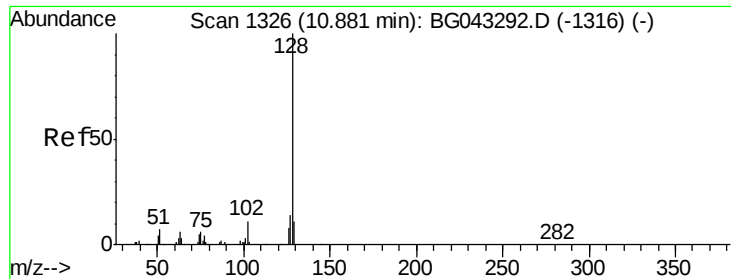
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	37.3	77.3
98	36.7	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 41.788 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.8	116.8
145	28.5	23.6	35.4

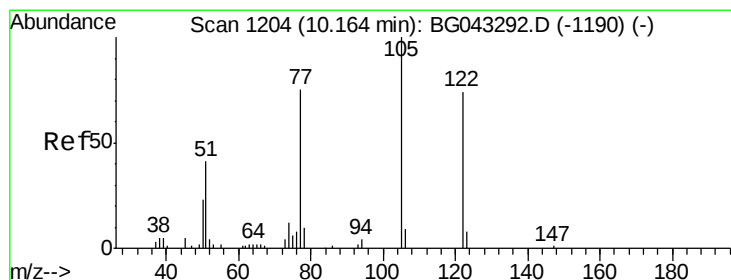
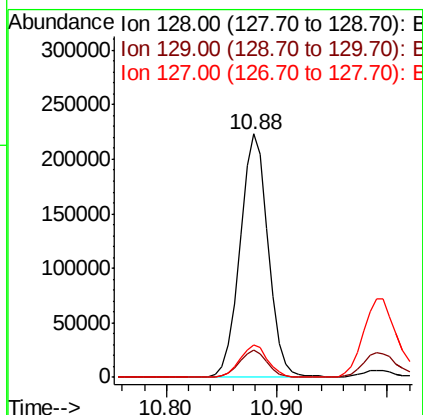
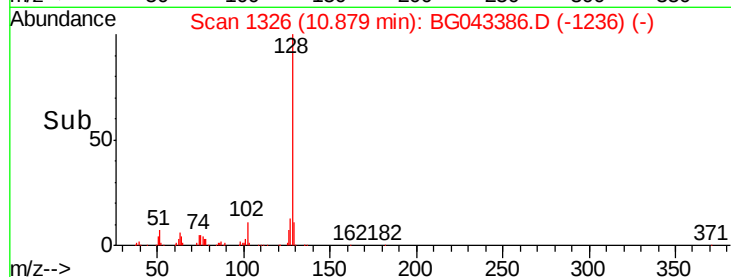
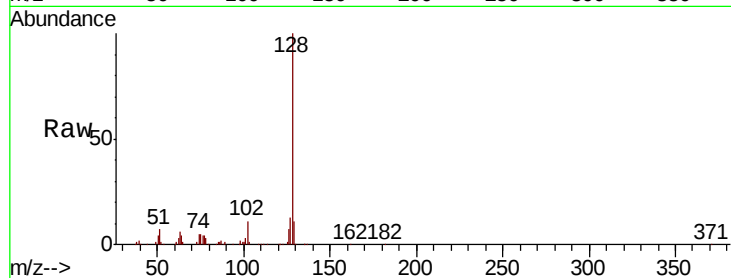




#31
Naphthalene
Concen: 41.334 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

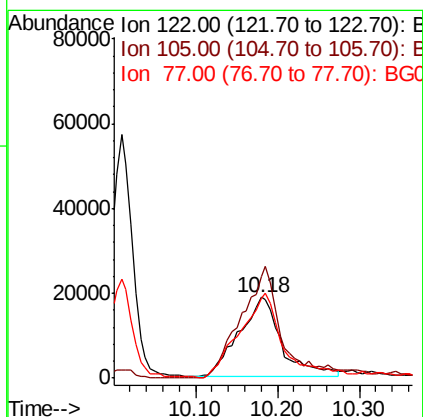
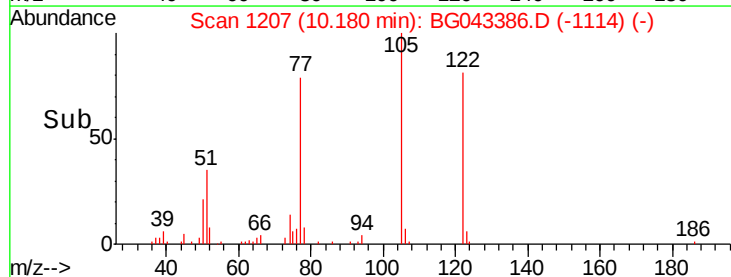
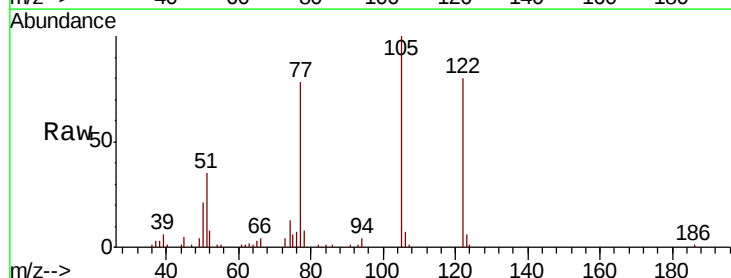
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 398394
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 11.5 17.3



#32
Benzoic acid
Concen: 38.417 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:122 Resp: 67091
Ion Ratio Lower Upper
122 100
105 125.2 112.4 152.4
77 97.8 82.7 122.7

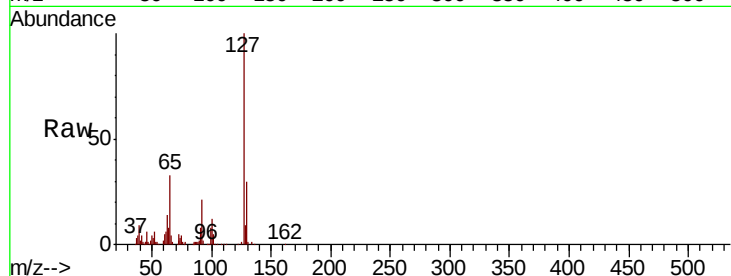




#33
4-Chloroaniline
Concen: 41.296 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	163158
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.8	38.8
65	32.7	26.2	39.2
92	20.9	17.0	25.4



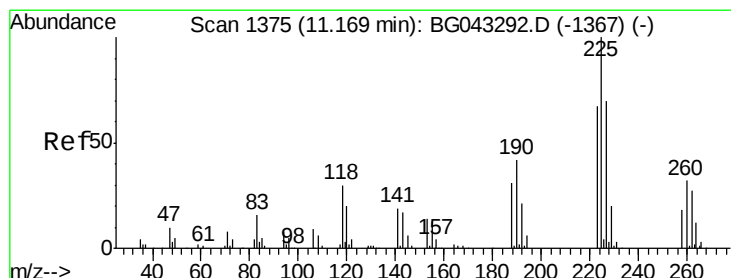
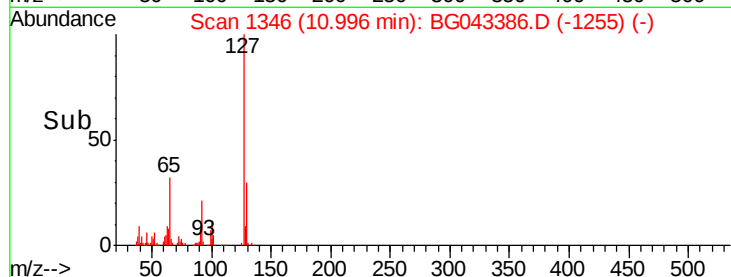
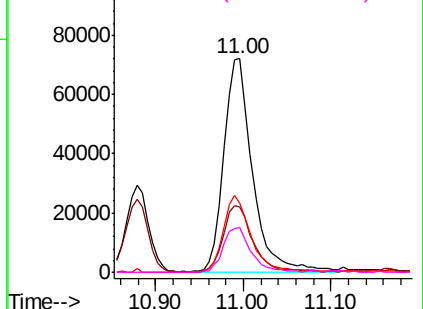
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

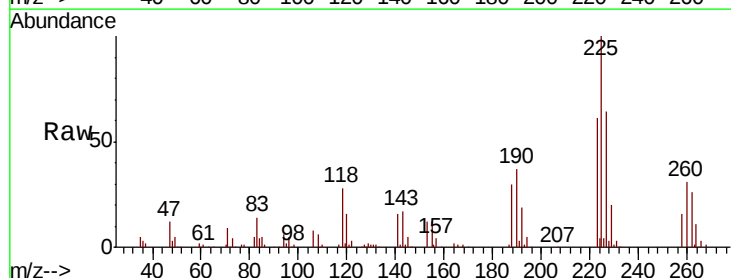
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.319 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:	225	Resp:	122650
Ion	Ratio	Lower	Upper
225	100		
223	60.9	53.2	79.8
227	64.0	56.2	84.2

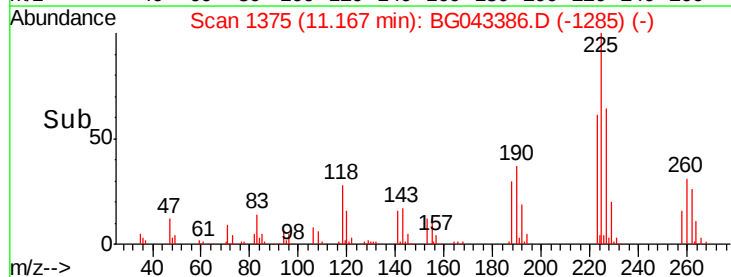
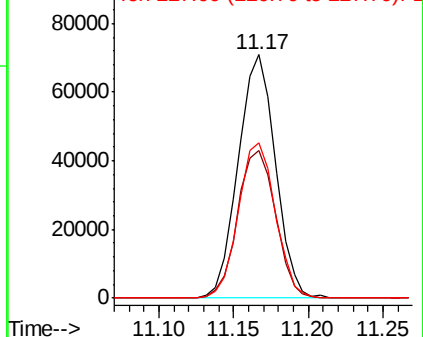


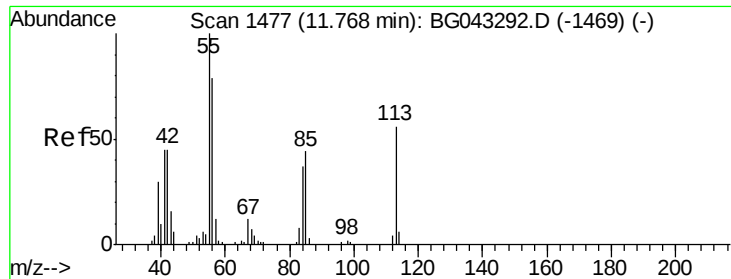
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

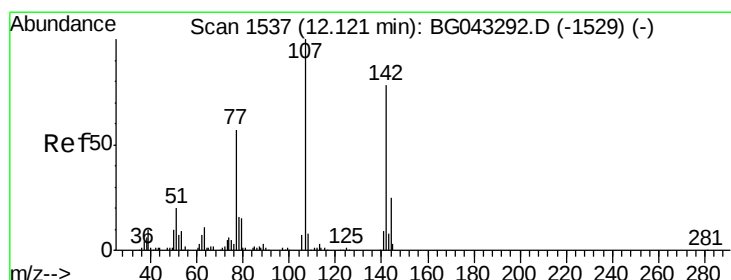
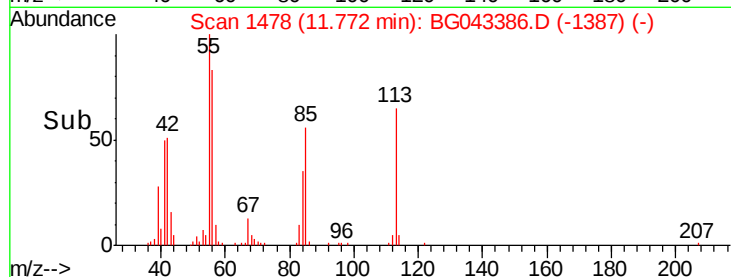
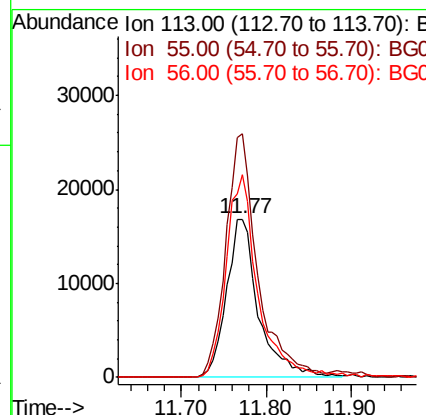
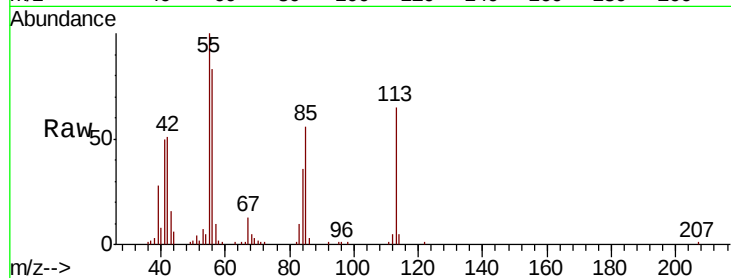




#35
Caprolactam
Concen: 41.357 ng
RT: 11.77 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

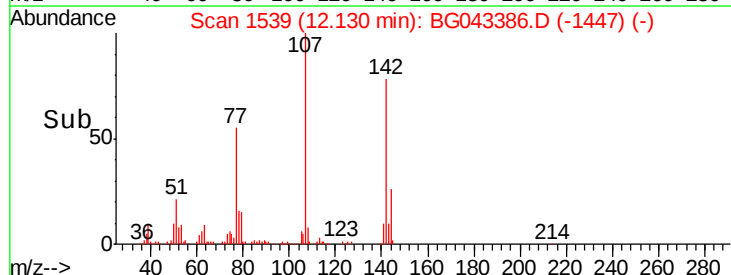
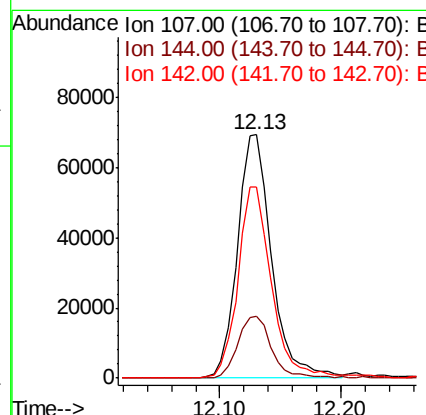
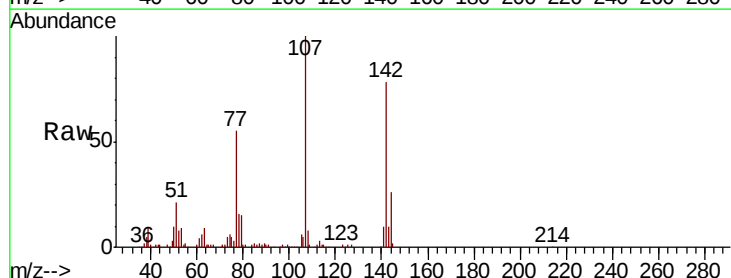
Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 44308
Ion Ratio Lower Upper
113 100
55 154.2 158.9 198.9#
56 128.4 121.4 161.4



#36
4-Chloro-3-methylphenol
Concen: 40.436 ng
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:107 Resp: 137204
Ion Ratio Lower Upper
107 100
144 25.6 19.9 29.9
142 78.3 62.1 93.1

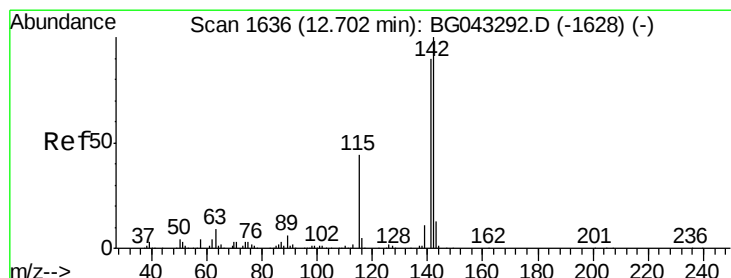
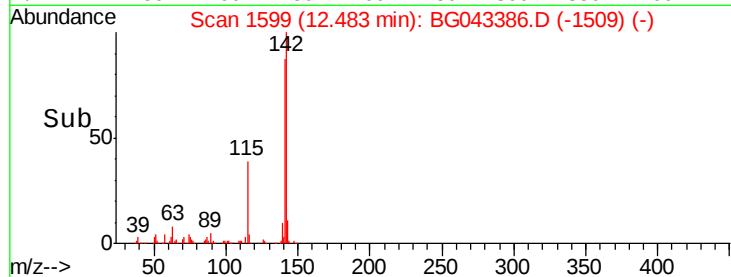
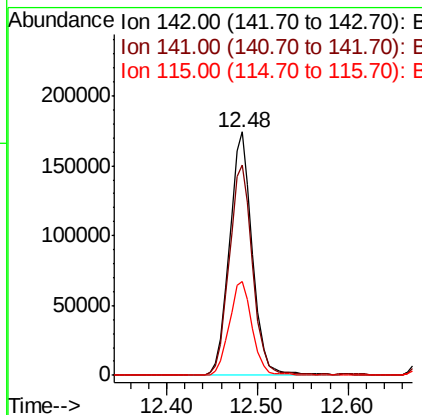
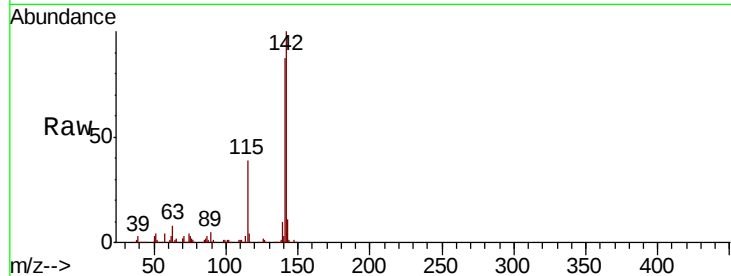




#37
 2-Methylnaphthalene
 Concen: 41.282 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

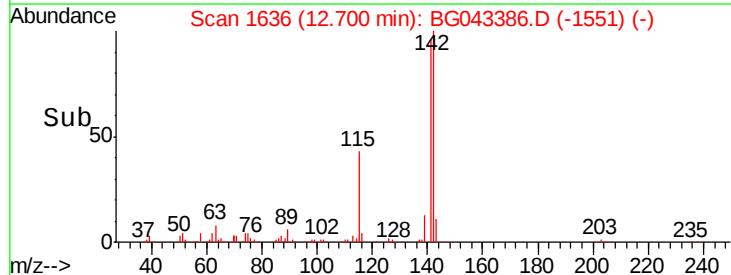
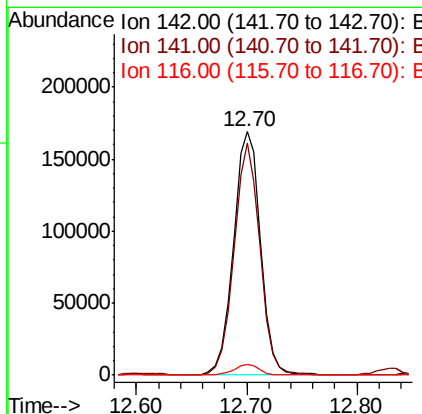
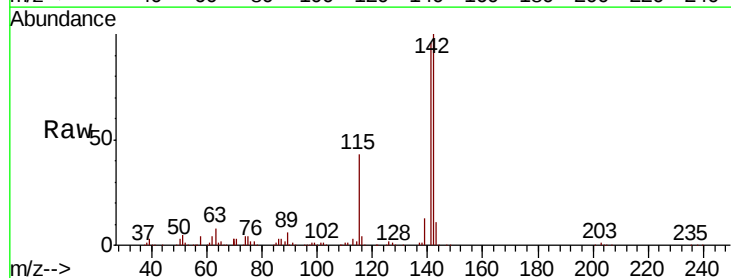
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.7	104.5
115	38.8	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 40.710 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	72.3	108.5
116	4.3	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampled :

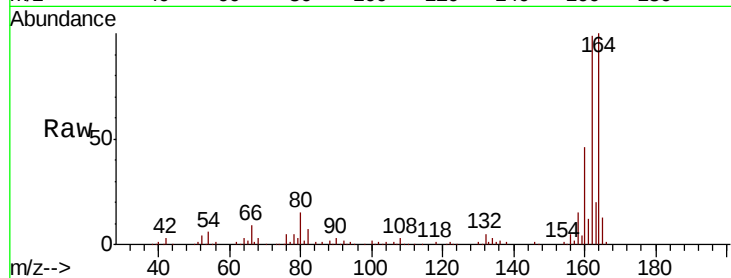
Tot Ion:164 Resp: 136044

Ion Ratio Lower Upper

164 100

162 99.3 87.0 130.4

160 46.0 35.5 53.3

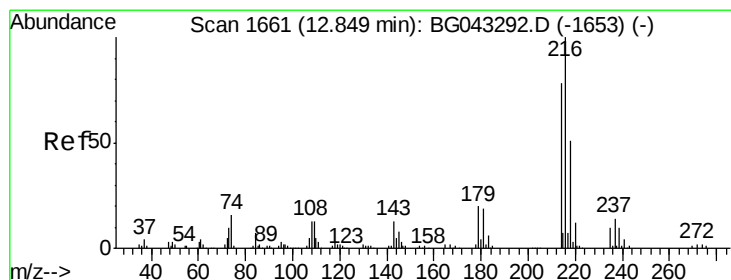
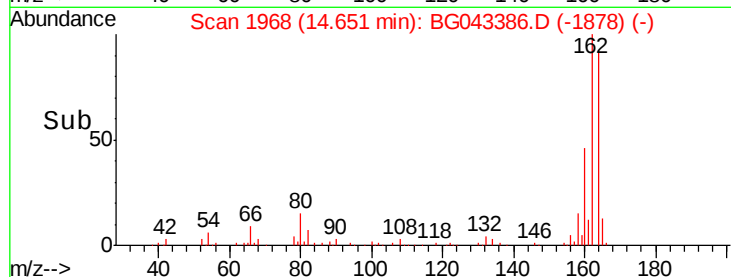
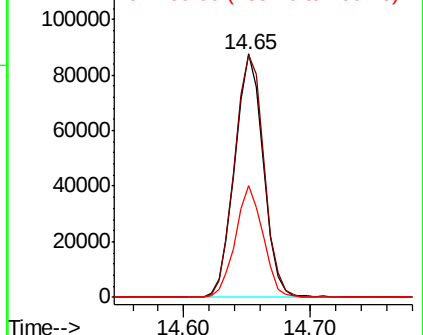


Abundance

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: 41.942 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Tgt Ion:216 Resp: 211168

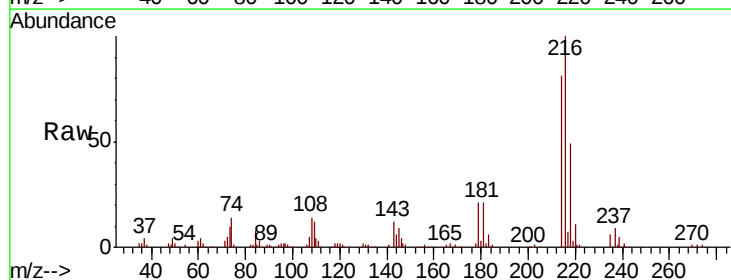
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 19.7 16.2 24.2

108 14.3 11.2 16.8



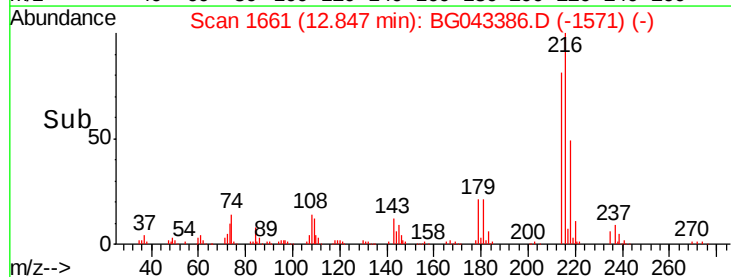
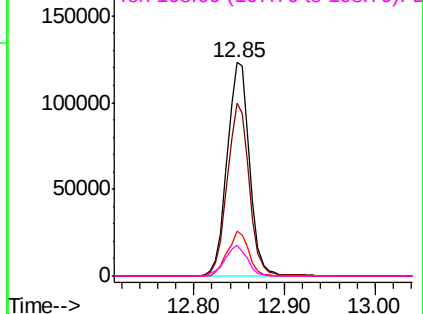
Abundance

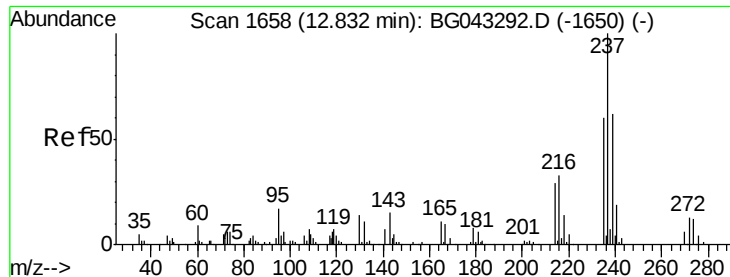
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 28.040 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

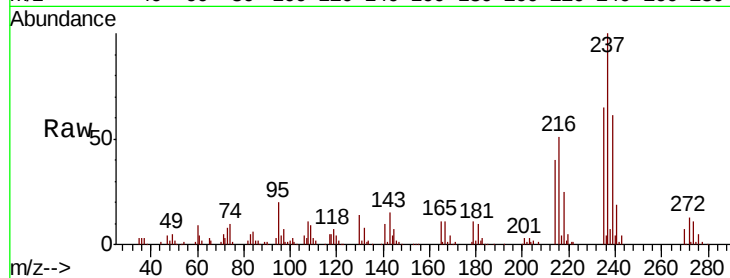
Instrument :

BNA_G

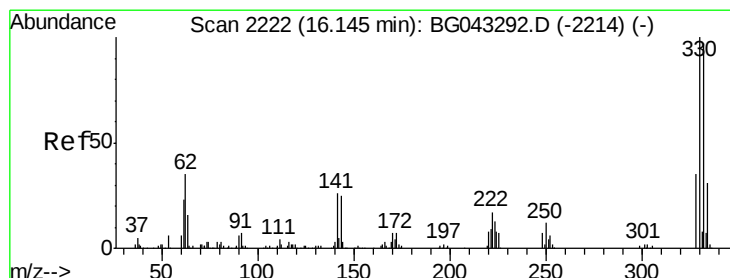
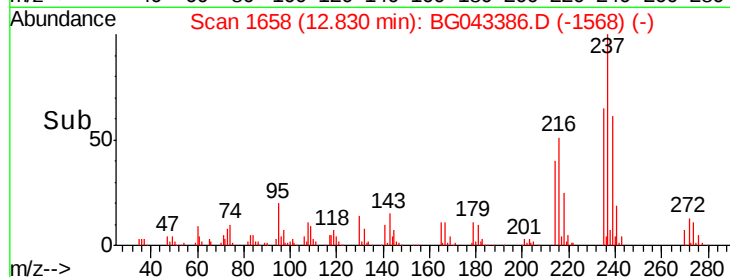
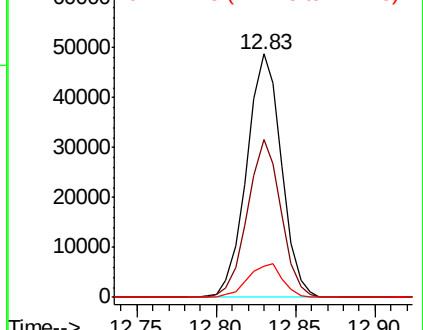
ClientSampleId :

Tot Ion:237 Resp: 74160

Ion	Ratio	Lower	Upper
237	100		
235	64.6	40.3	80.3
272	12.6	0.0	32.9



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: 78.361 ng

RT: 16.14 min Scan# 2222

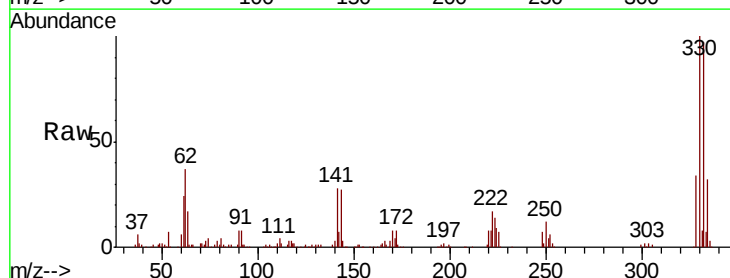
Delta R.T. -0.00 min

Lab File: BG043386.D

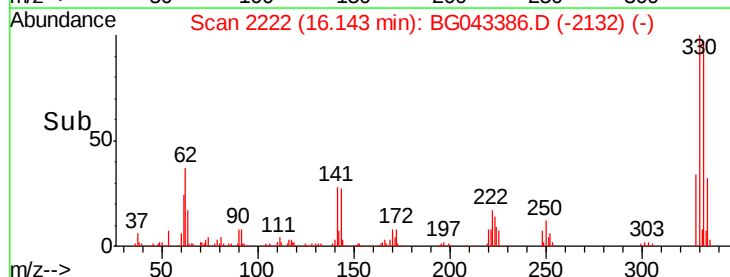
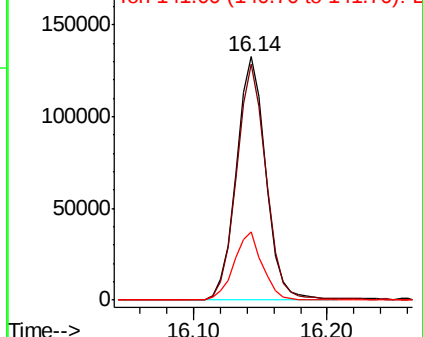
Acq: 30 Oct 2019 00:06

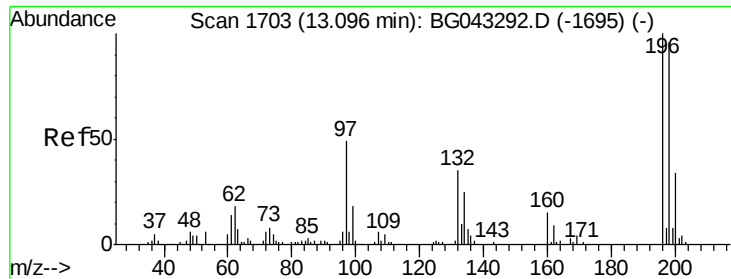
Tgt Ion:330 Resp: 202871

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.4	114.6
141	27.3	21.4	32.0



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

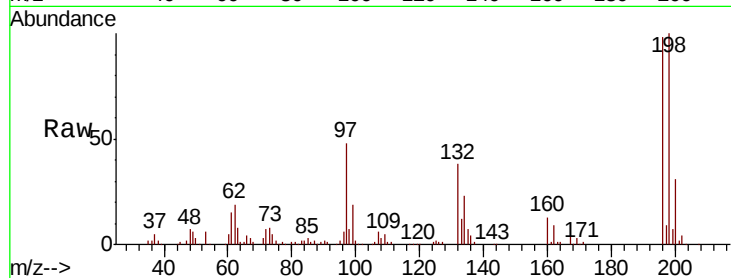




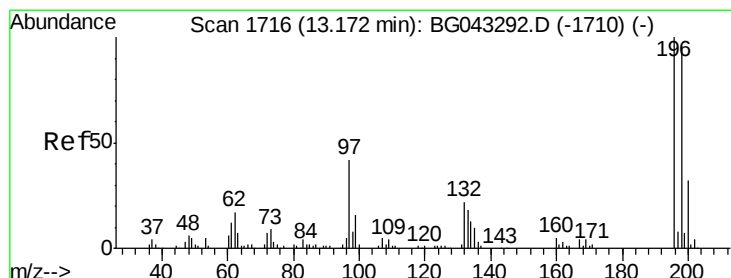
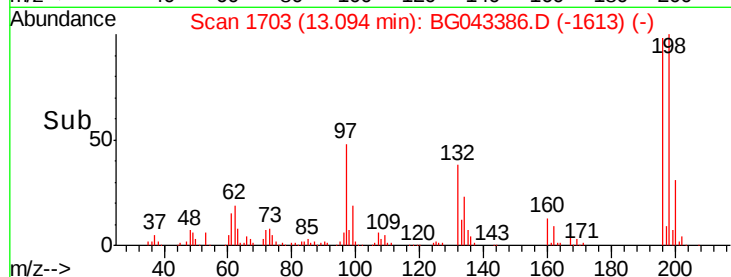
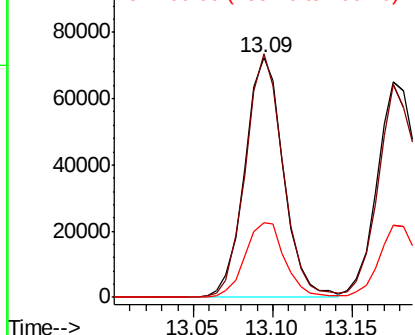
#43
 2,4,6-Trichlorophenol
 Concen: 41.336 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 122564
 Ion Ratio Lower Upper
 196 100
 198 101.7 77.0 115.4
 200 31.4 27.4 41.2



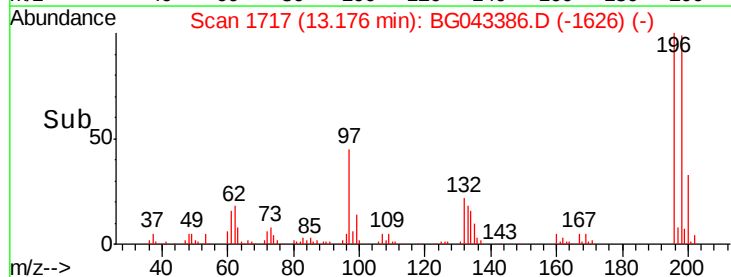
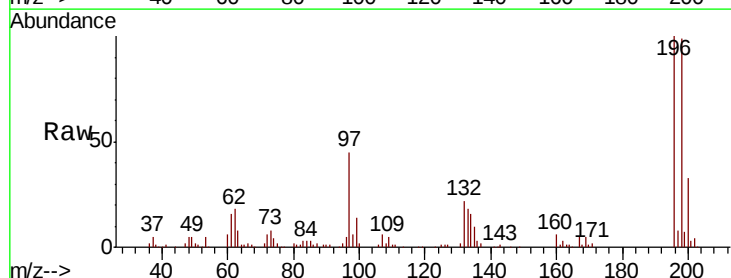
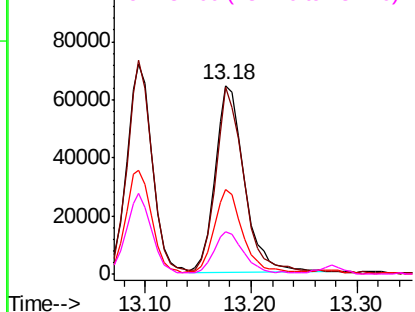
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

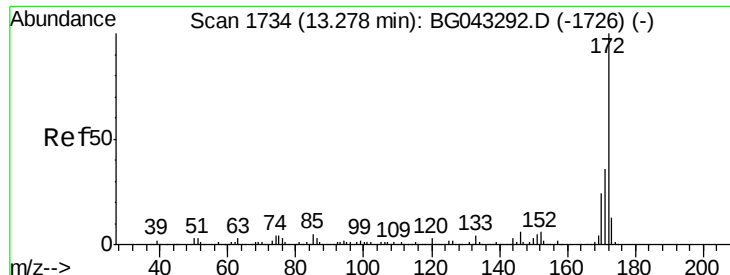


#44
 2,4,5-Trichlorophenol
 Concen: 41.914 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion:196 Resp: 125641
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.6 114.8
 97 44.7 34.1 51.1
 132 22.3 18.2 27.4

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

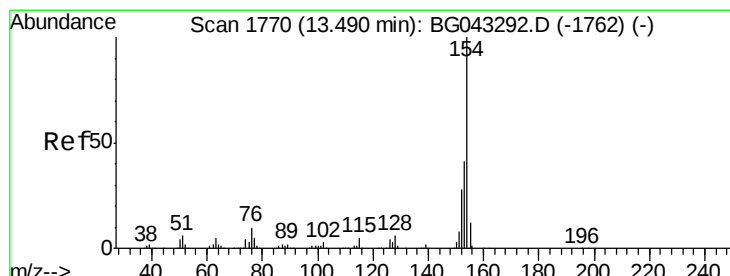
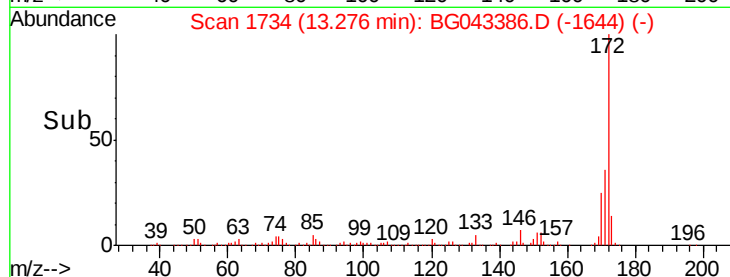
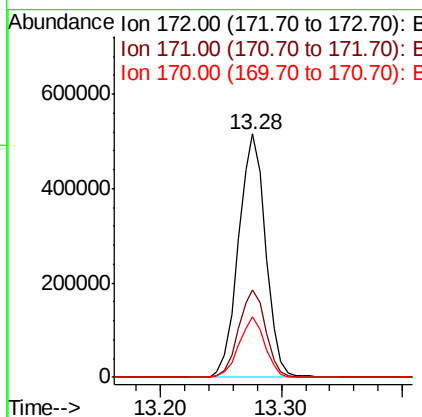
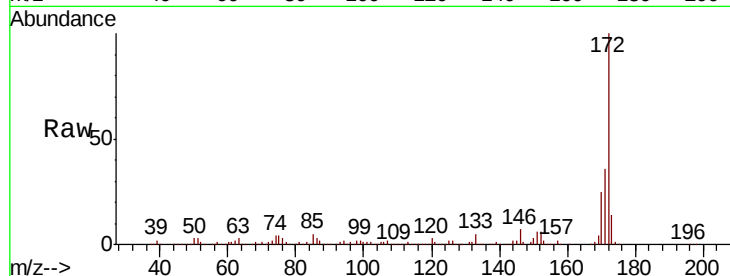




#45
 2-Fluorobiphenyl
 Concen: 82.068 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

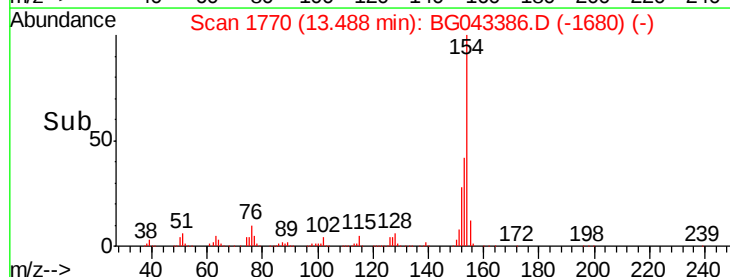
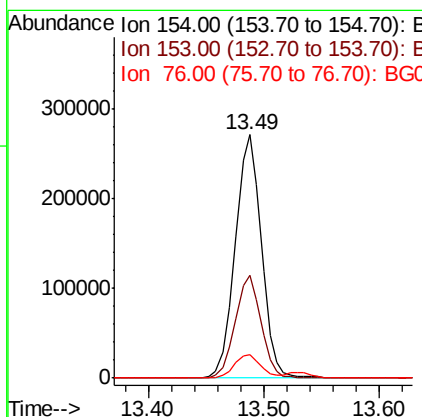
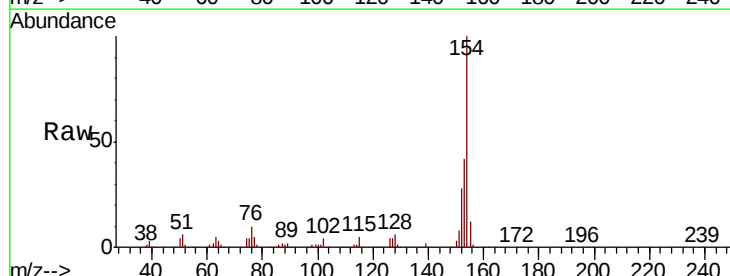
Instrument :
 BNA_G
 ClientSampleId :

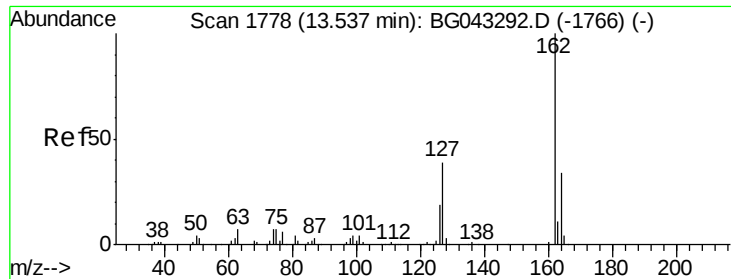
Tot Ion:172 Resp: 807990
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 25.1 18.8 28.2



#46
 1,1'-Biphenyl
 Concen: 41.164 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion:154 Resp: 426025
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.0 61.0
 76 9.6 0.0 29.8

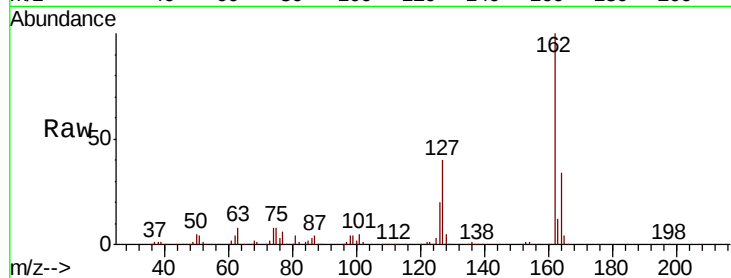




#47
2-Chloronaphthalene
Concen: 41.569 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.3	46.9
164	33.5	26.8	40.2

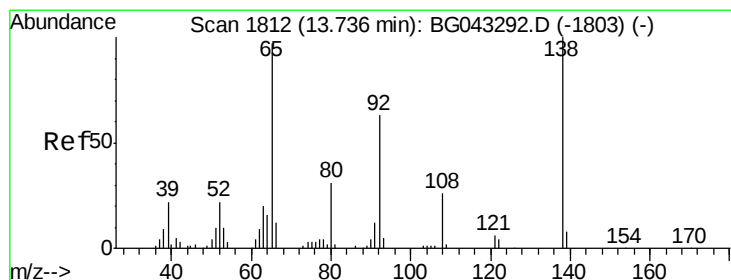
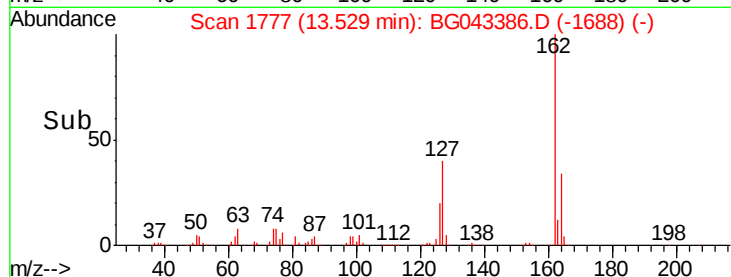
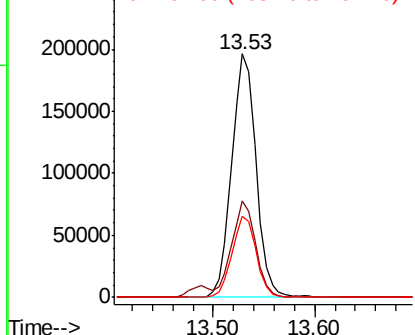


Abundance

Ion 162.00 (161.70 to 162.70): E

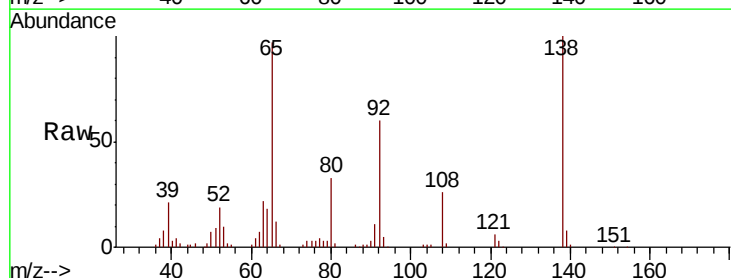
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.291 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	52.6	79.0
138	102.7	82.9	124.3

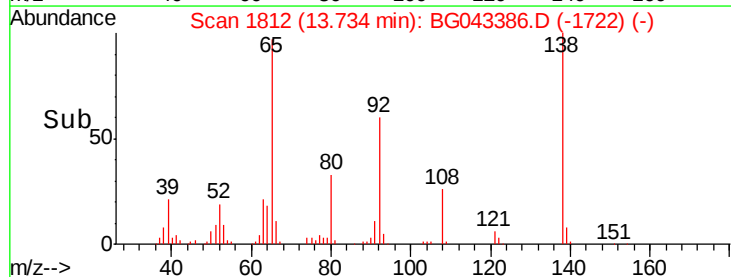
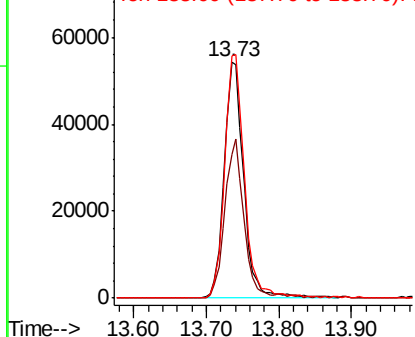


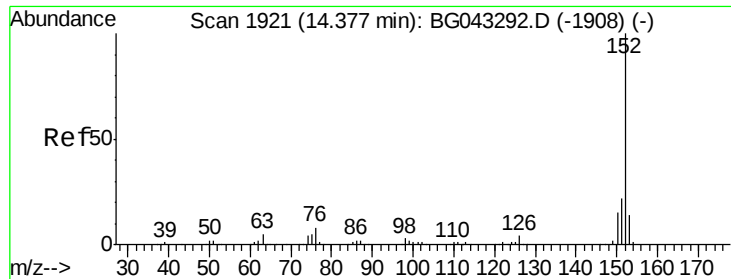
Abundance

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: 40.725 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

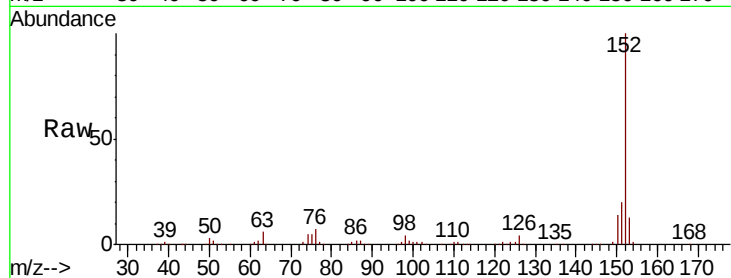
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 499109

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.2	25.8
153	12.9	11.0	16.6

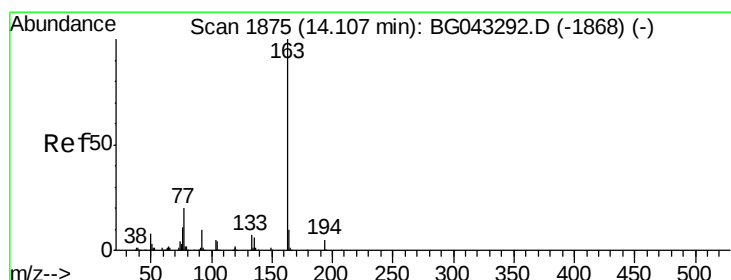
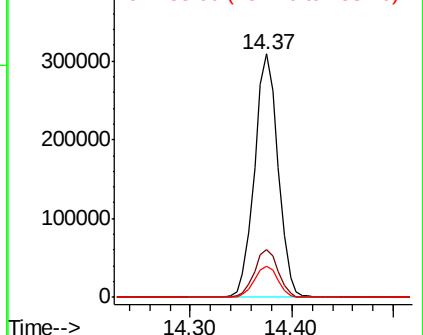
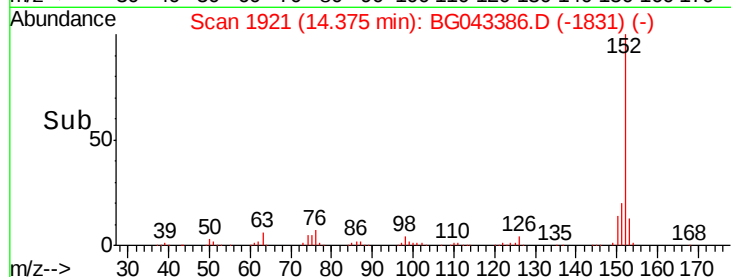


Abundance

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: 39.452 ng

RT: 14.10 min Scan# 1875

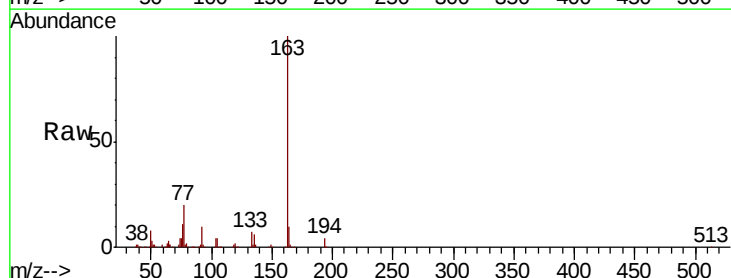
Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Tgt Ion:163 Resp: 415726

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.2	8.1	12.1

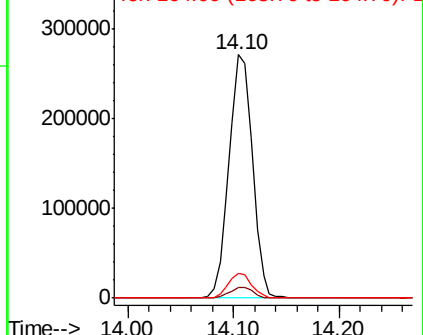
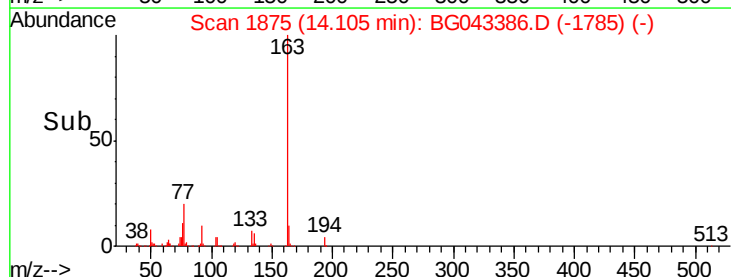


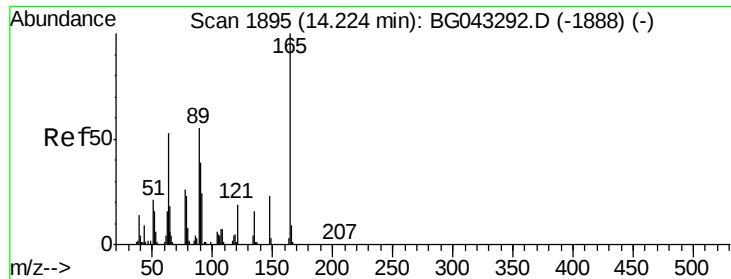
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.009 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

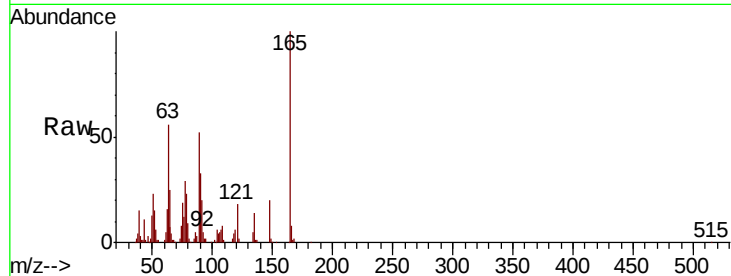
Tot Ion:165 Resp: 91592

Ion Ratio Lower Upper

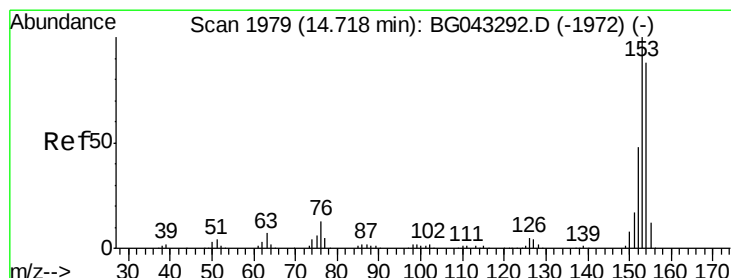
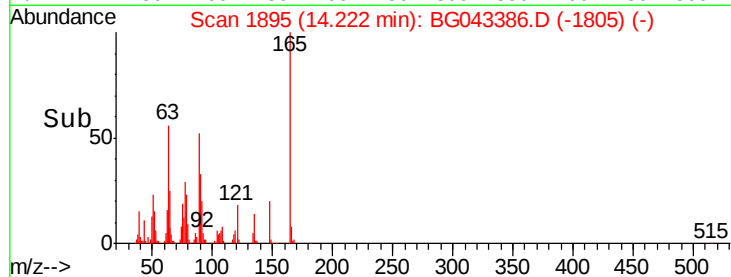
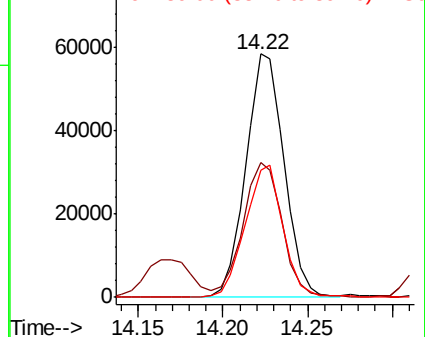
165 100

63 55.6 47.1 70.7

89 52.4 43.7 65.5



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



#52

Acenaphthene

Concen: 40.521 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

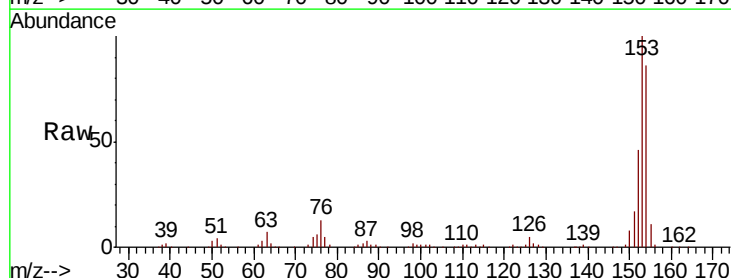
Tgt Ion:154 Resp: 302850

Ion Ratio Lower Upper

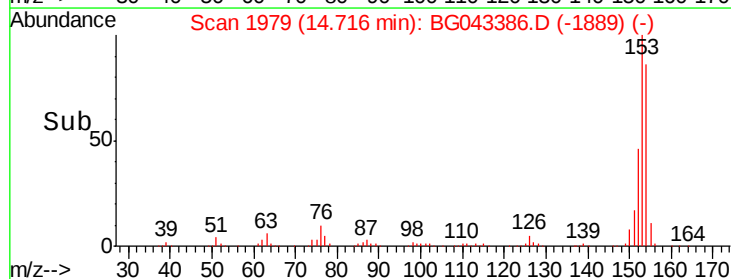
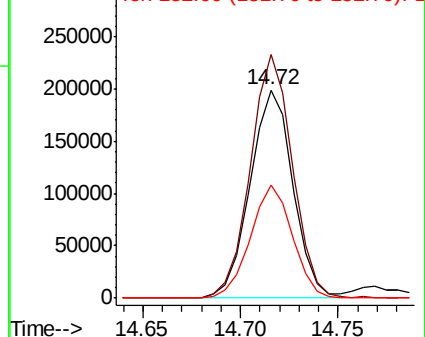
154 100

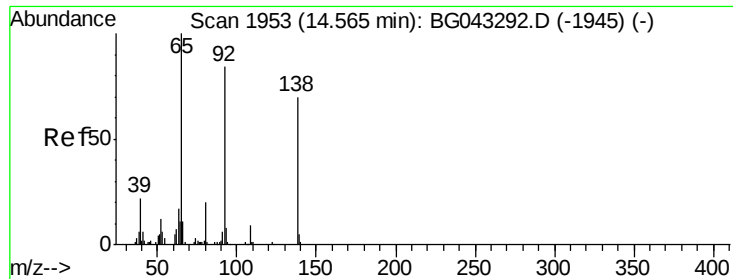
153 116.8 90.9 136.3

152 54.0 43.9 65.9



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

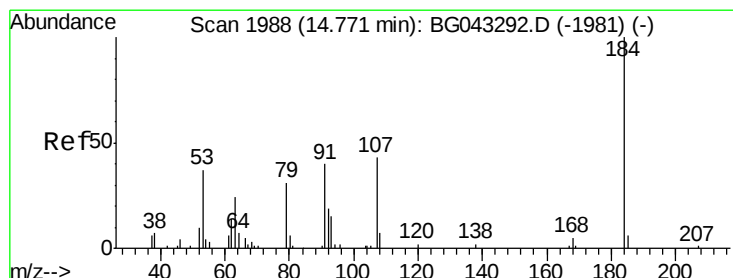
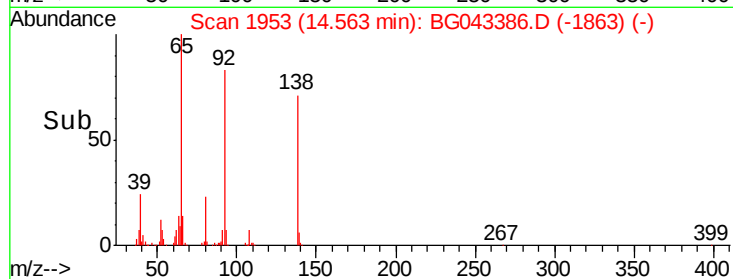
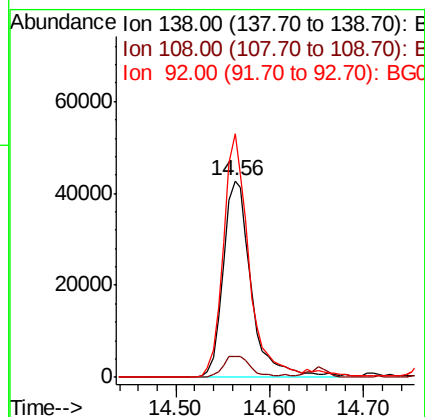
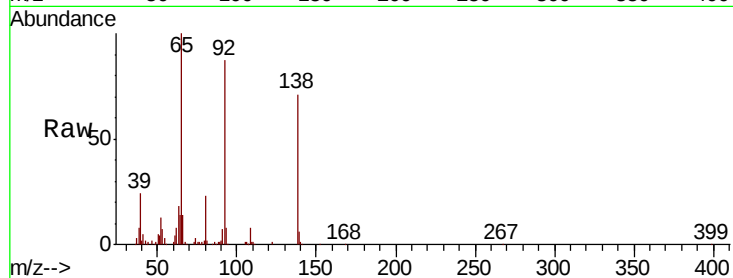




#53
3-Nitroaniline
Concen: 40.179 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

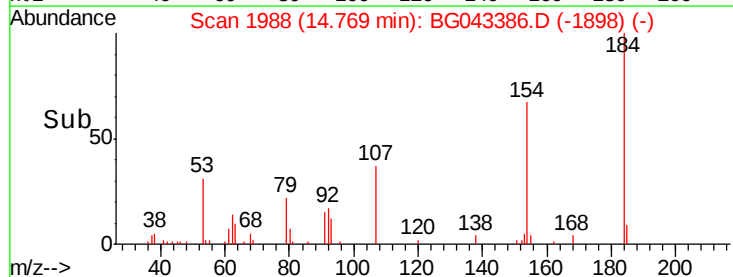
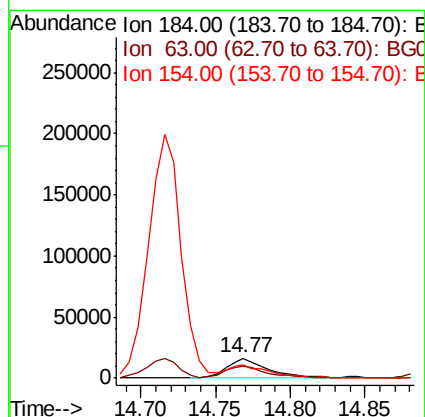
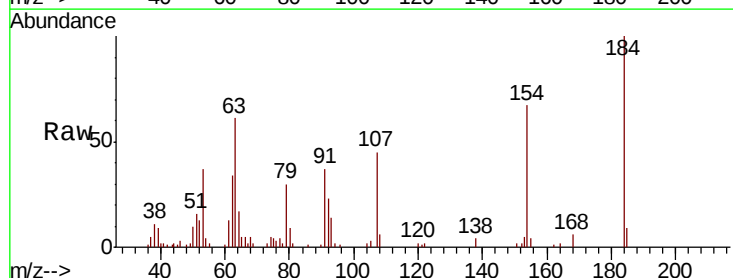
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 88805
Ion Ratio Lower Upper
138 100
108 10.8 9.8 14.6
92 123.7 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 27.247 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:184 Resp: 31398
Ion Ratio Lower Upper
184 100
63 60.8 48.8 73.2
154 67.4 49.4 74.0

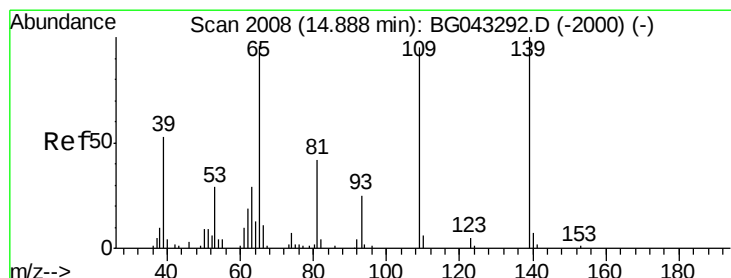
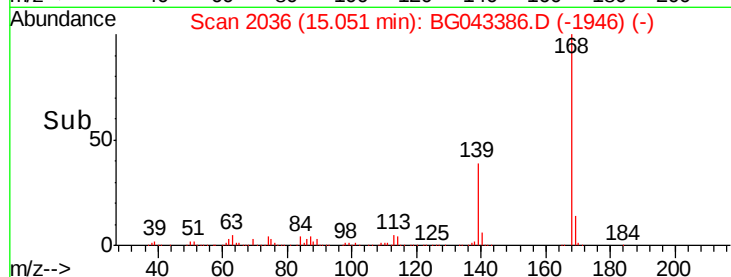
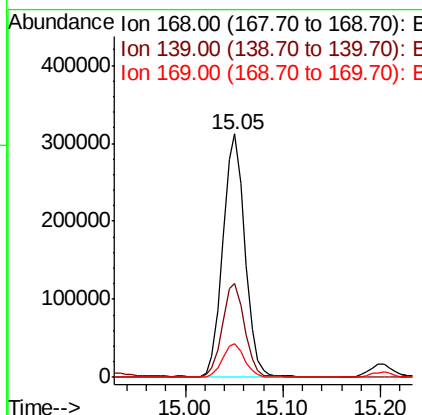
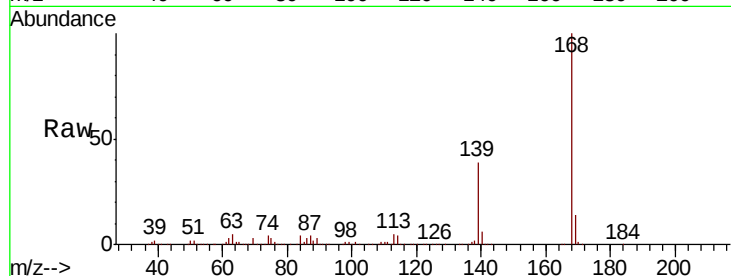




#55
Dibenzenofuran
Concen: 40.430 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

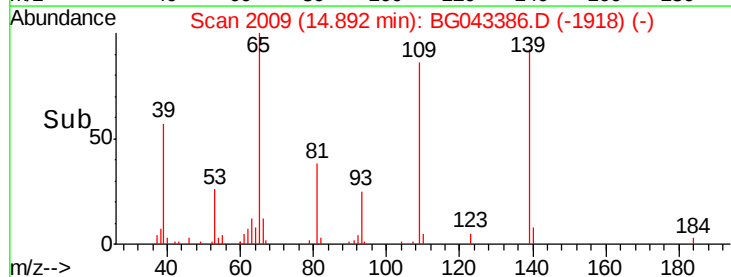
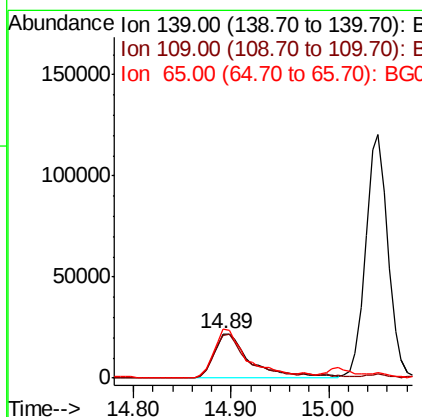
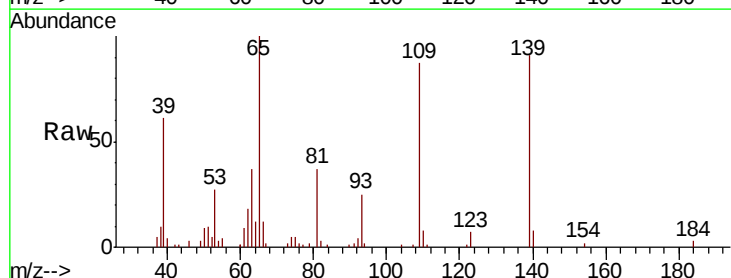
Instrument :
BNA_G
ClientSampleId :

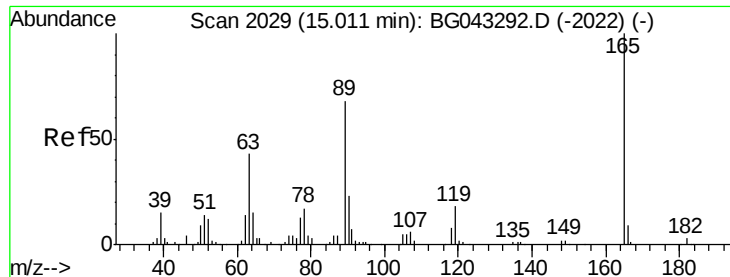
Tot Ion:168 Resp: 490016
Ion Ratio Lower Upper
168 100
139 38.6 31.7 47.5
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 38.667 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:139 Resp: 57271
Ion Ratio Lower Upper
139 100
109 95.2 75.4 115.4
65 109.8 76.6 116.6

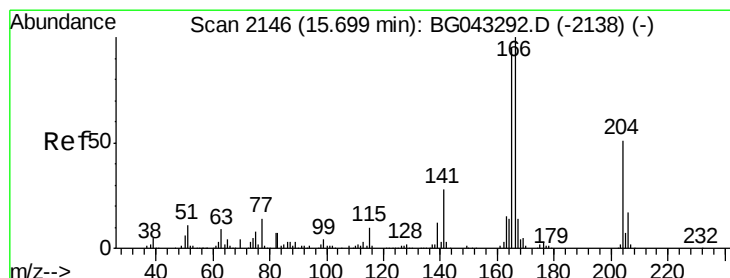
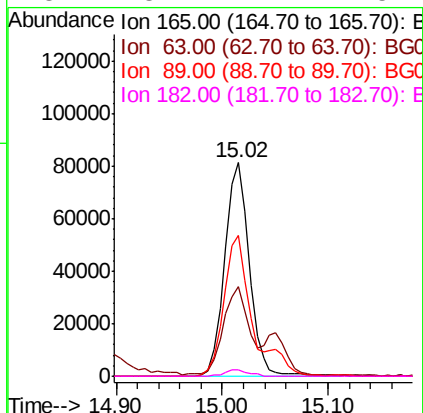
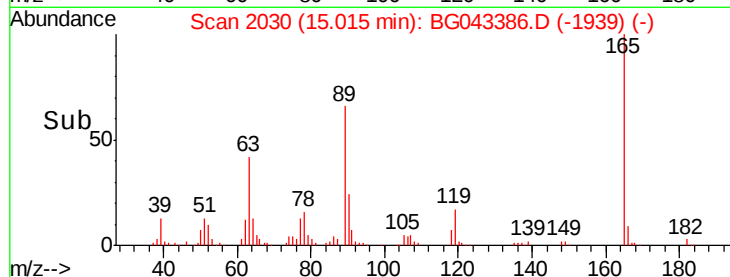
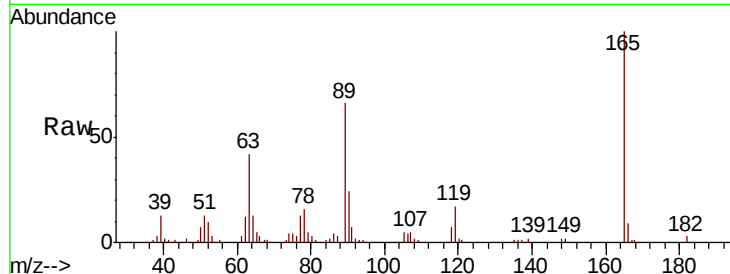




#57
2,4-Dinitrotoluene
Concen: 40.026 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

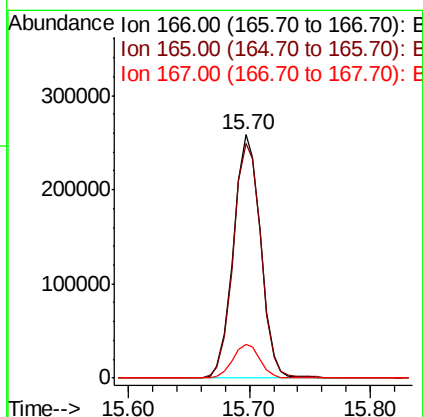
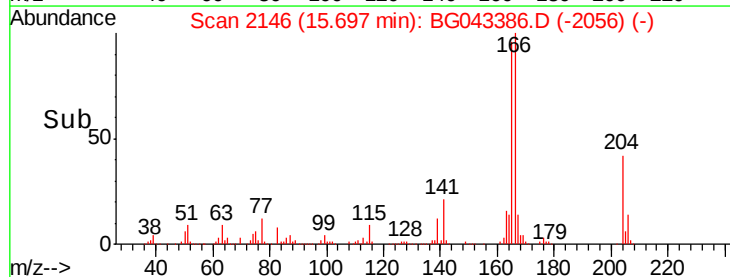
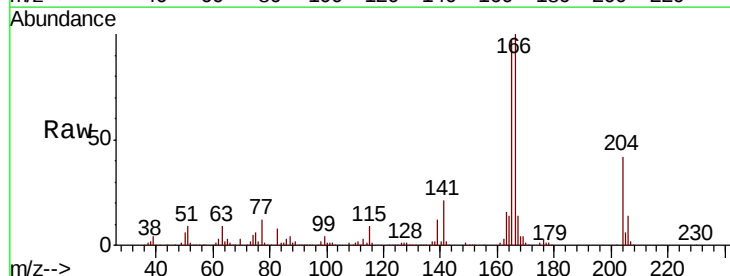
Instrument :
BNA_G
ClientSampled :

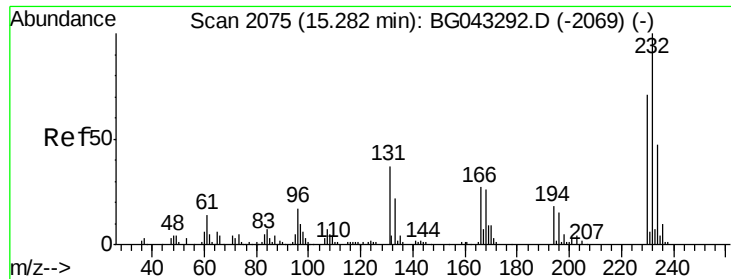
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	35.0	52.6
89	65.9	54.1	81.1
182	3.2	2.2	3.2



#58
Fluorene
Concen: 39.800 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.4	114.6
167	13.9	11.1	16.7

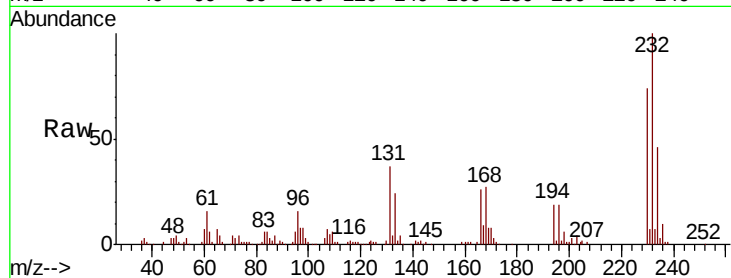




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.103 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.3	28.7	43.1
130	2.2	0.6	0.8
166	27.4	21.1	31.7



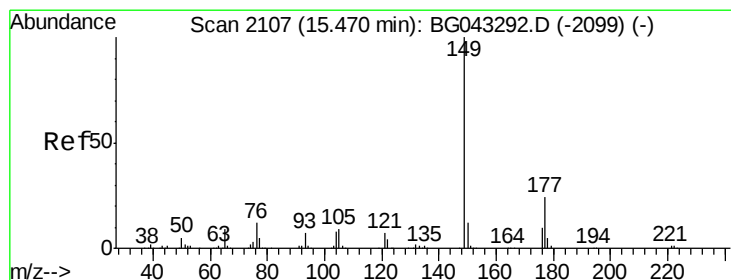
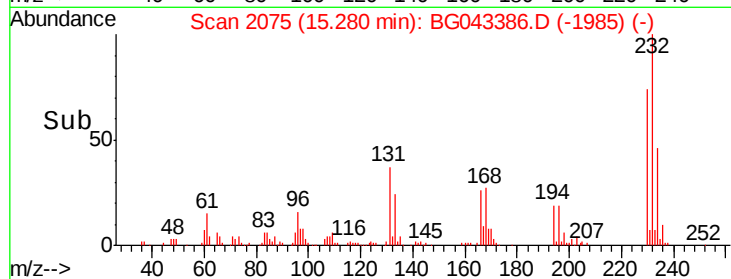
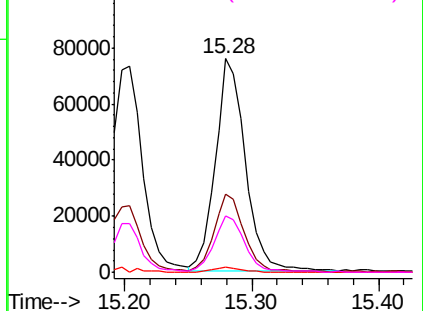
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

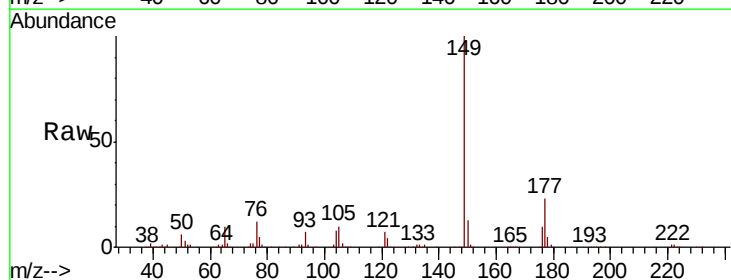
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.864 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	12.6	9.4	14.0

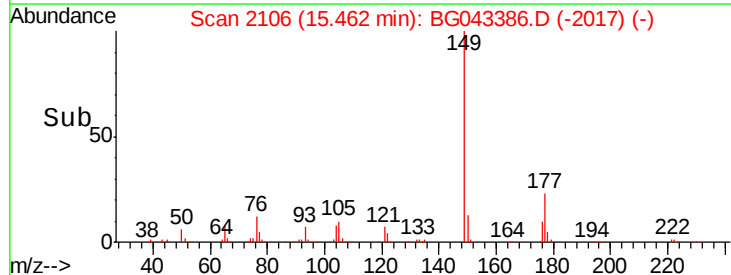
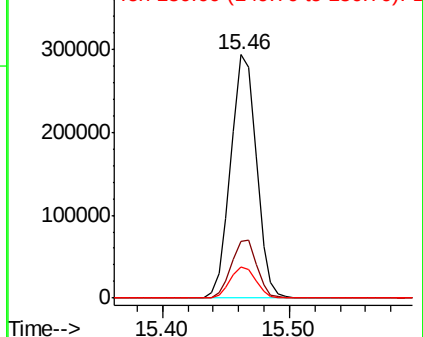


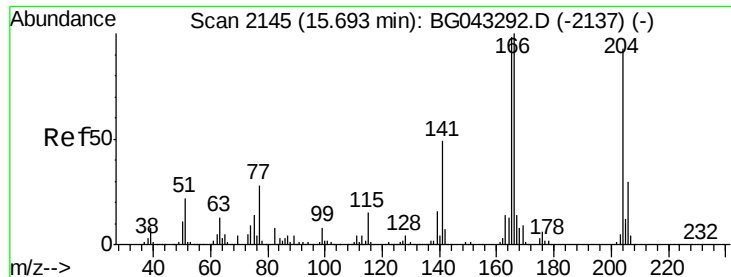
Abundance

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

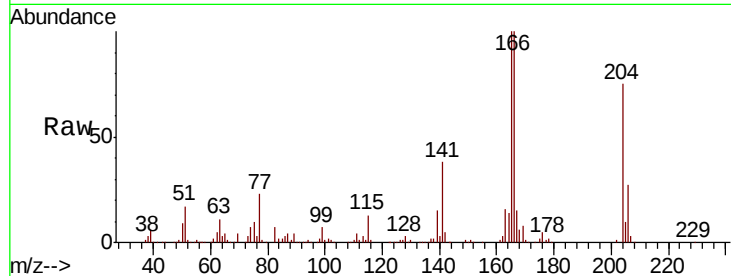




#61
4-Chlorophenyl-phenylether
Concen: 40.561 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	25.7	38.5
141	50.4	42.3	63.5

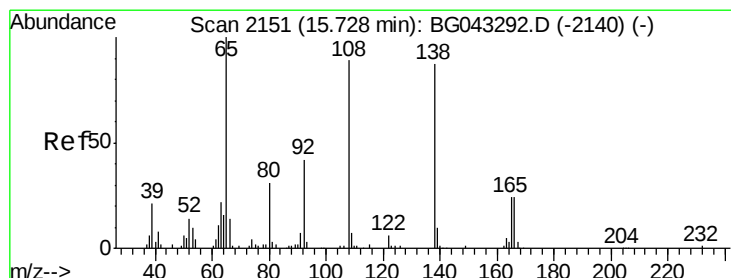
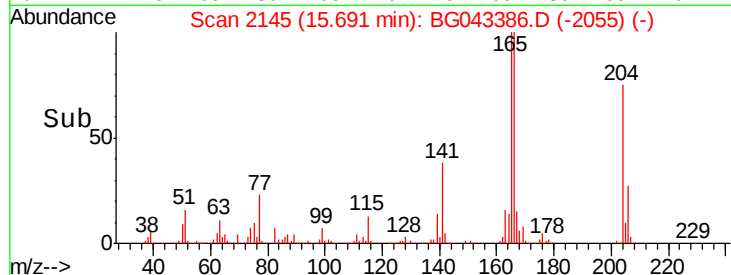
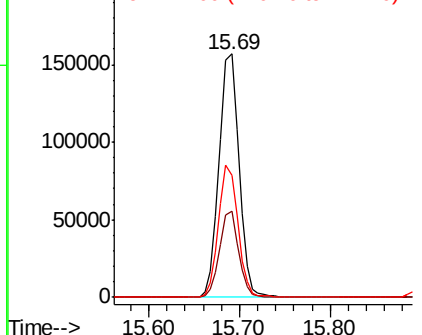


Abundance

Ion 204.00 (203.70 to 204.70): E

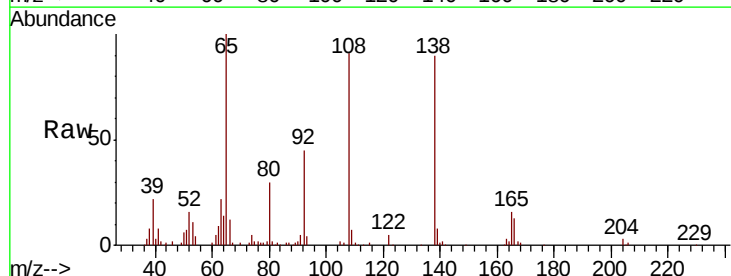
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.515 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	28.8	68.8
108	100.7	82.7	122.7

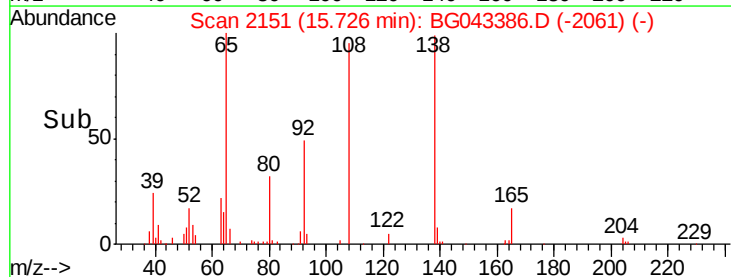
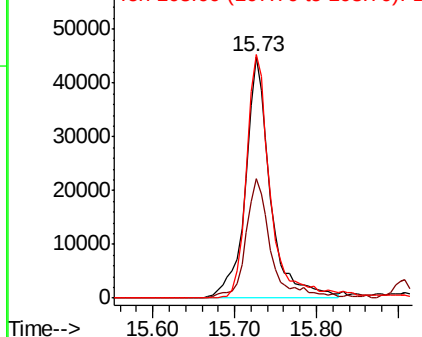


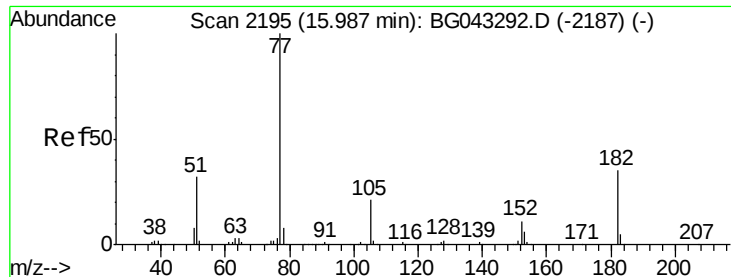
Abundance

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

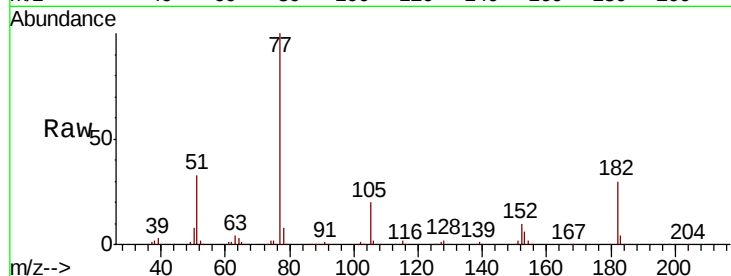




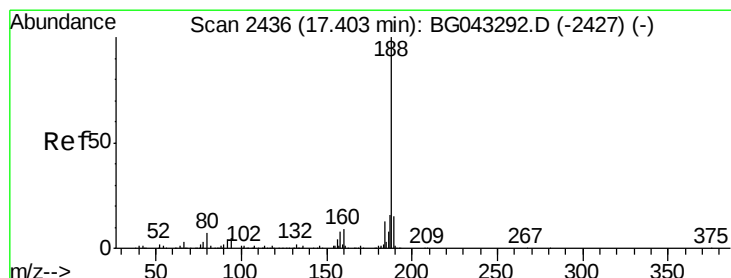
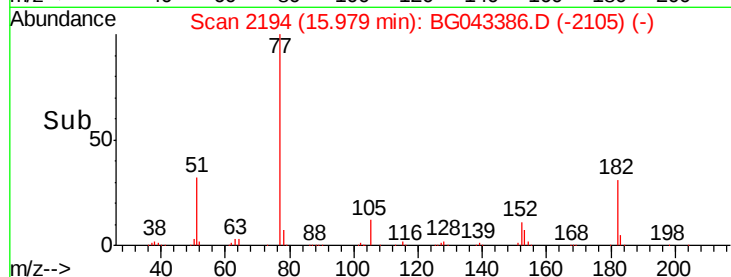
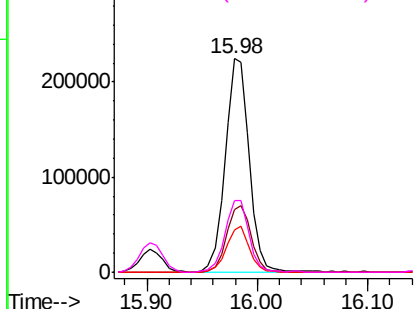
#63
Azobenzene
Concen: 39.606 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	339386
Ion	Ratio	Lower	Upper
77	100		
182	29.5	14.9	54.9
105	20.1	0.6	40.6
51	33.4	12.5	52.5

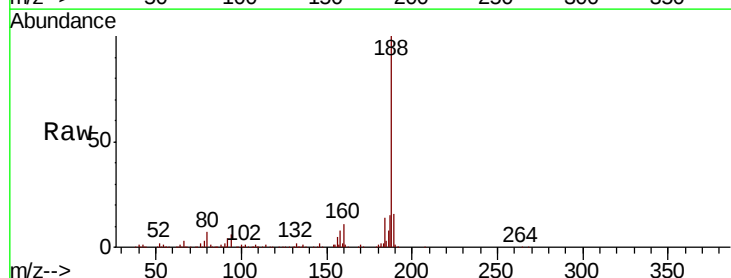


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

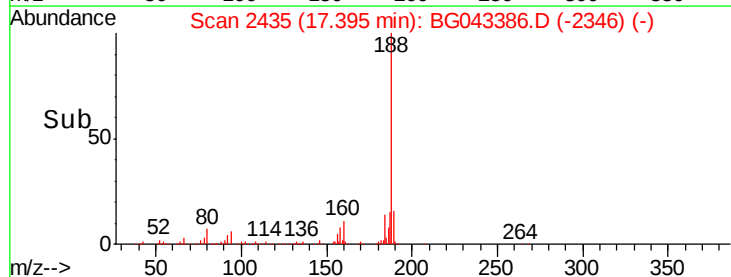
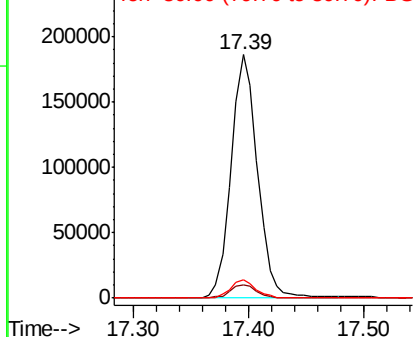


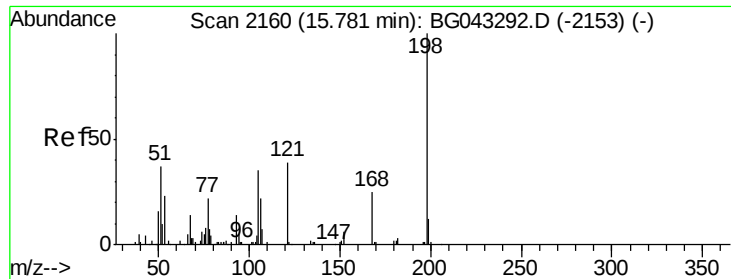
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043386.D
Acq: 30 Oct 2019 00:06

Tgt Ion:	188	Resp:	295172
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	7.4	5.2	7.8



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: 28.277 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

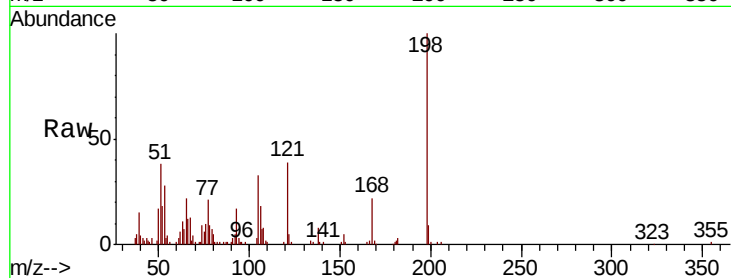
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 49119

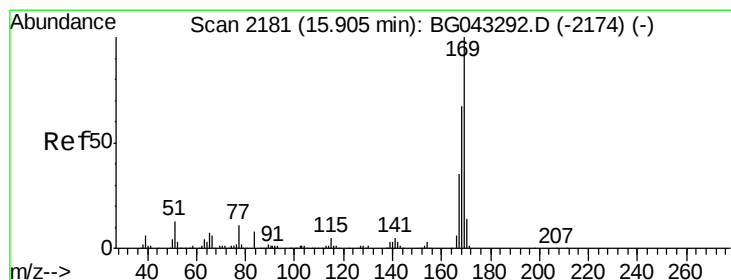
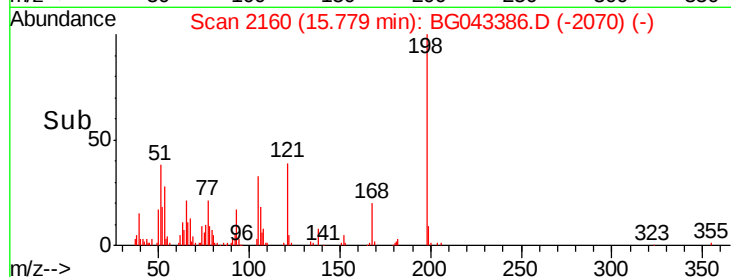
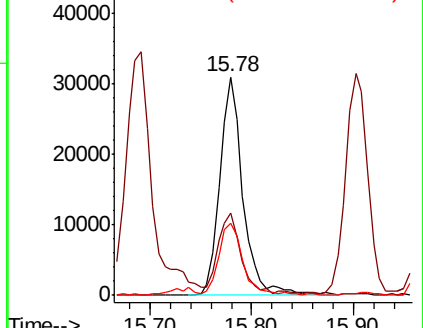
Ion	Ratio	Lower	Upper
198	100		
51	37.7	21.4	61.4
105	33.0	16.5	56.5



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: 42.140 ng

RT: 15.90 min Scan# 2181

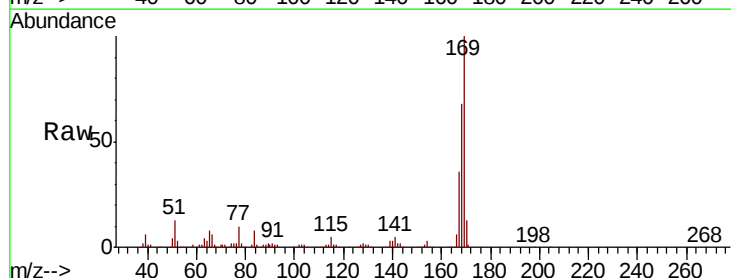
Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Tgt Ion:169 Resp: 351170

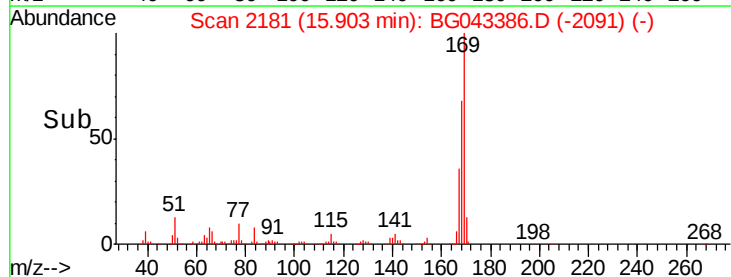
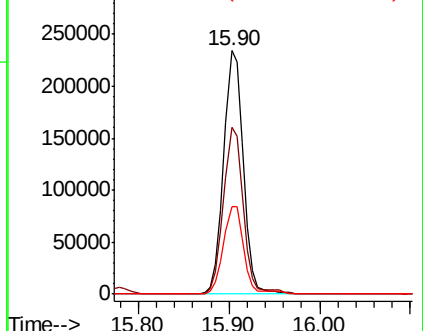
Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.9	80.9
167	35.7	28.3	42.5

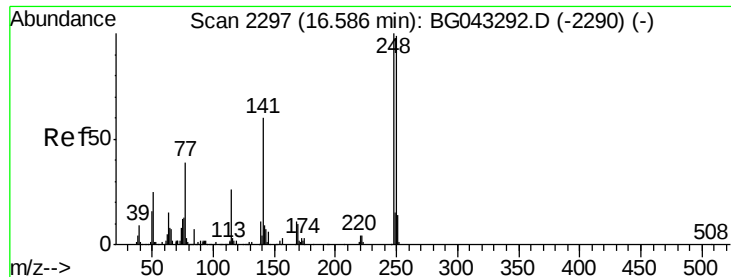


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

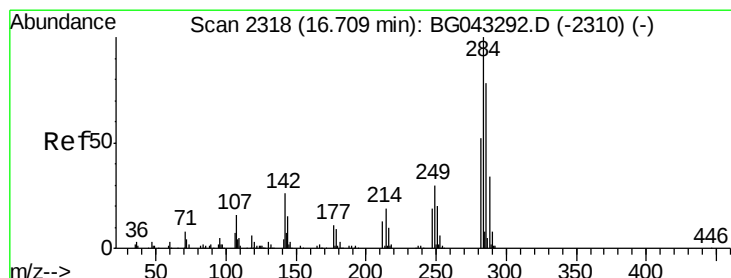
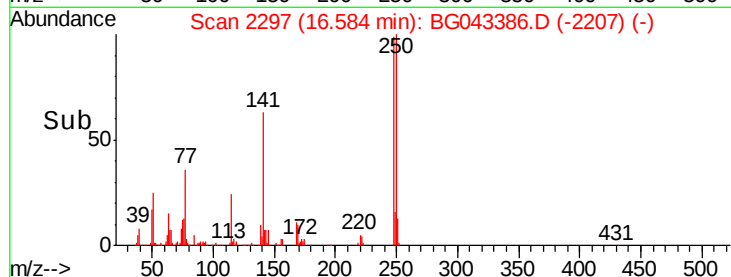
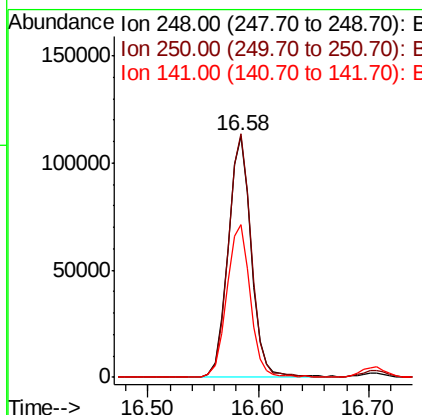
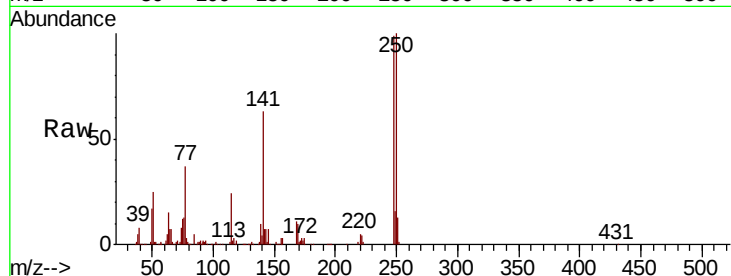




#67
 4-Bromophenyl-phenylether
 Concen: 41.709 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

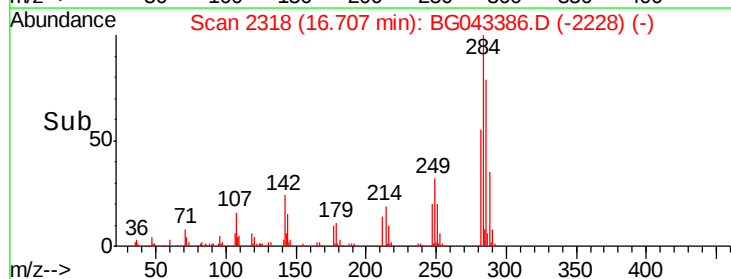
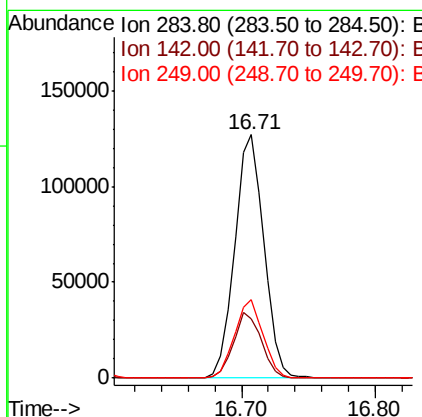
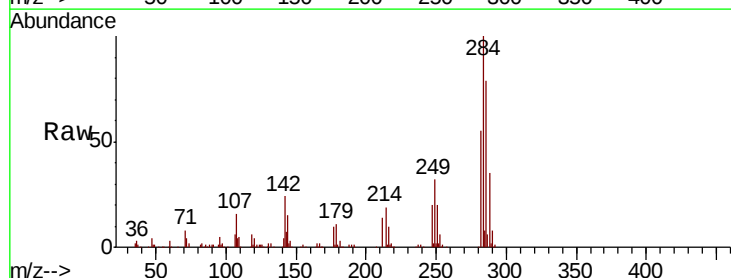
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	79.3	118.9
141	63.3	47.9	71.9



#68
 Hexachlorobenzene
 Concen: 42.087 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	21.1	31.7
249	32.3	24.4	36.6

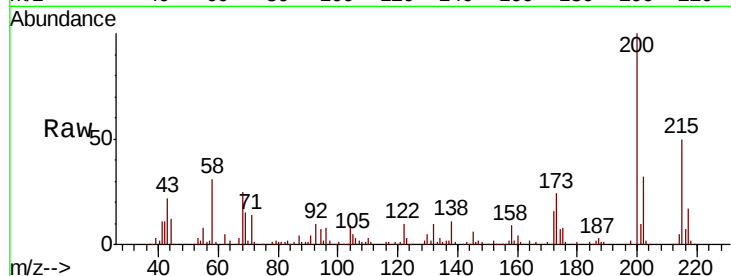




#69
 Atrazine
 Concen: 38.073 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.1	45.1
215	49.8	26.6	66.6

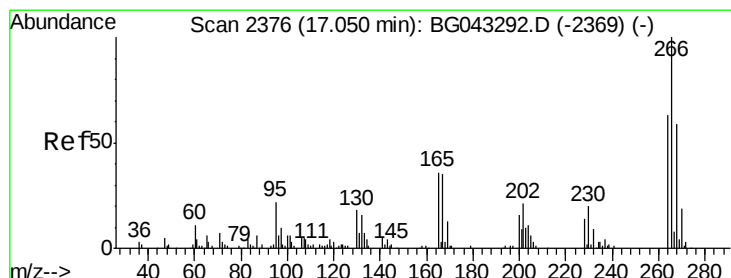
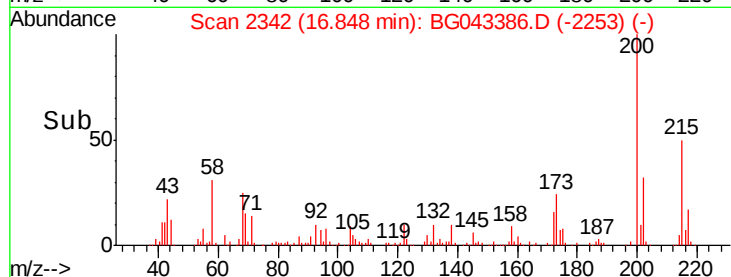
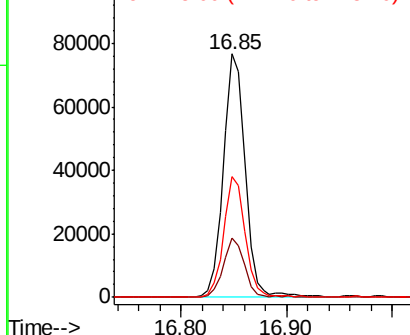


Abundance

Ion 200.00 (199.70 to 200.70): E

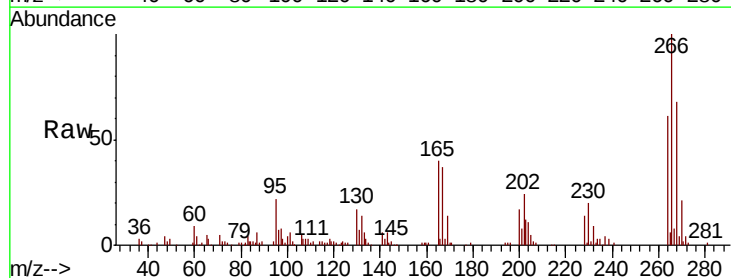
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 41.117 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	47.1	70.7
264	61.3	50.4	75.6

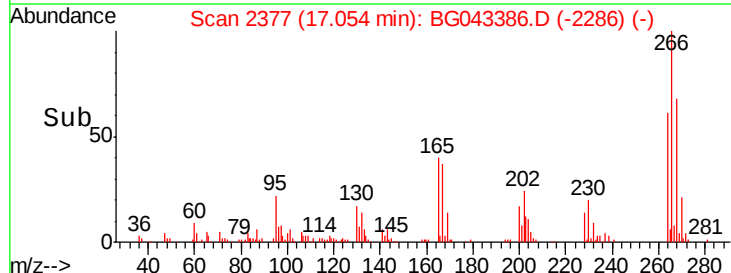
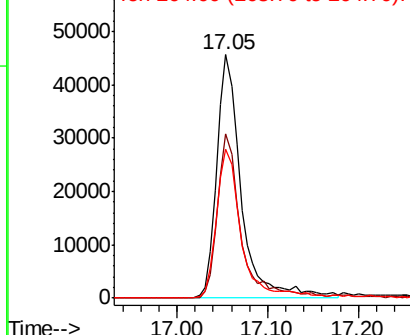


Abundance

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

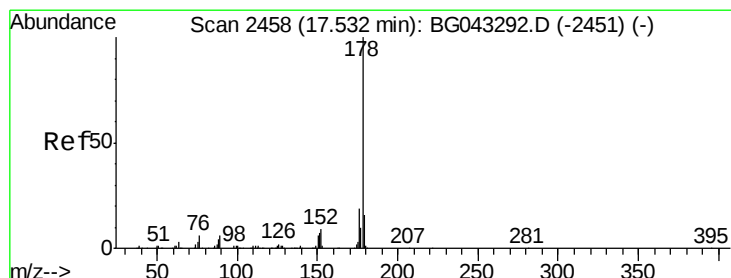
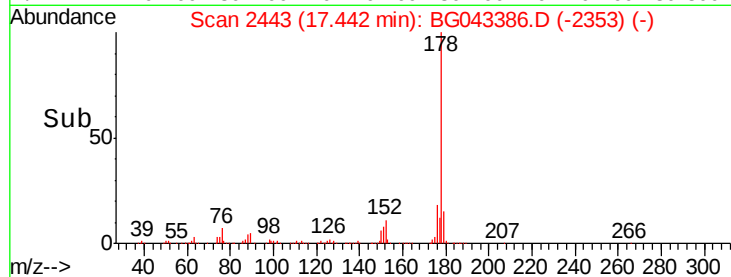
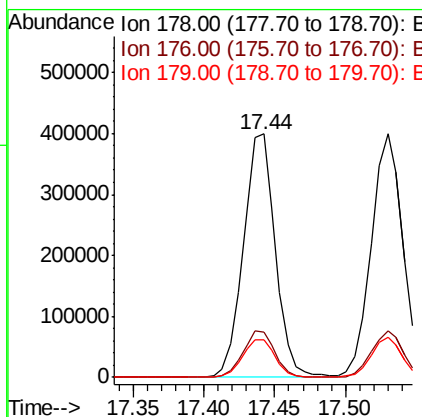
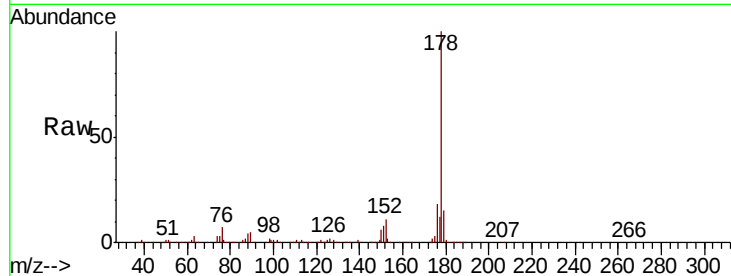




#71
 Phenanthrene
 Concen: 41.818 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

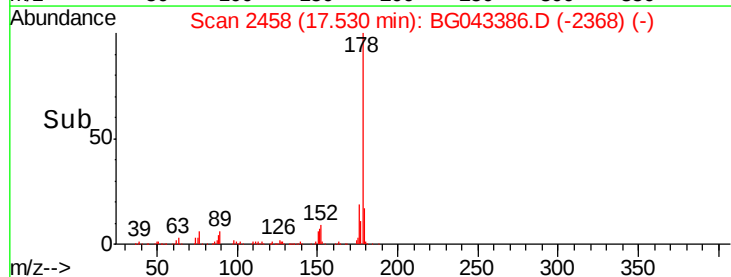
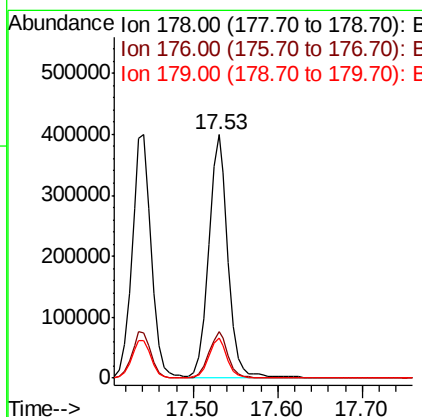
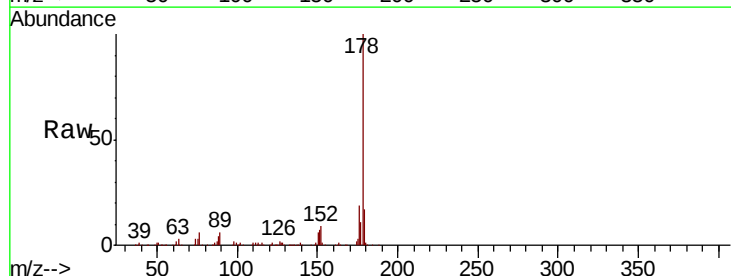
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	13.1	19.7



#72
 Anthracene
 Concen: 42.144 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.6	13.0	19.6

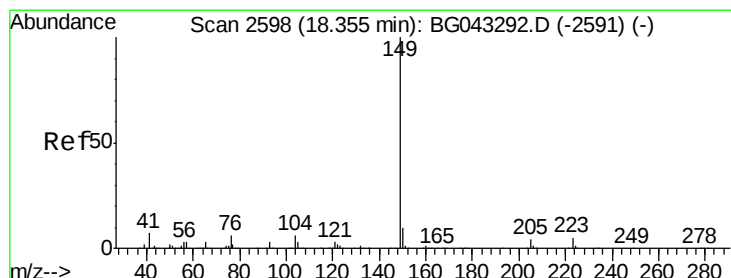
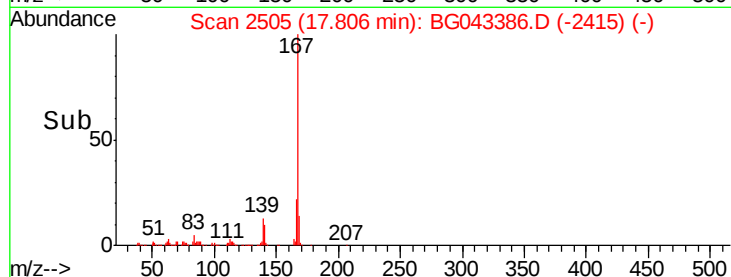
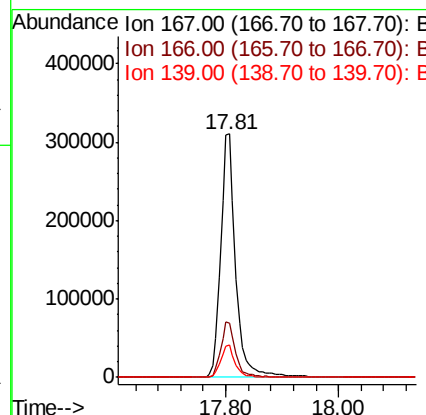
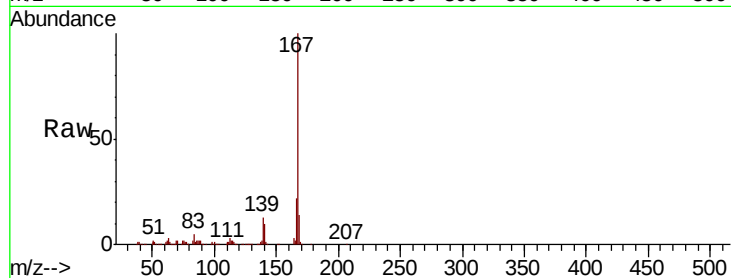




#73
 Carbazole
 Concen: 41.811 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

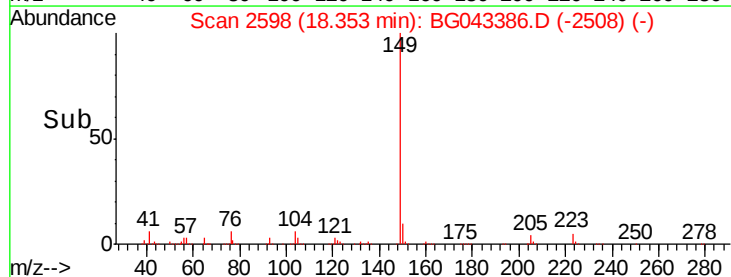
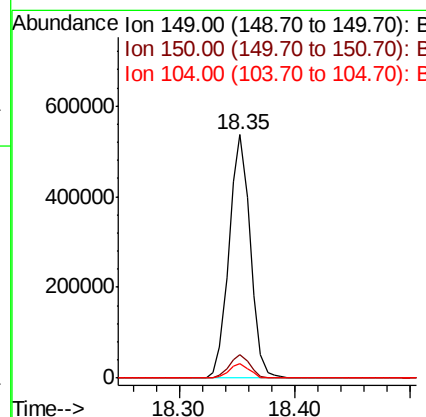
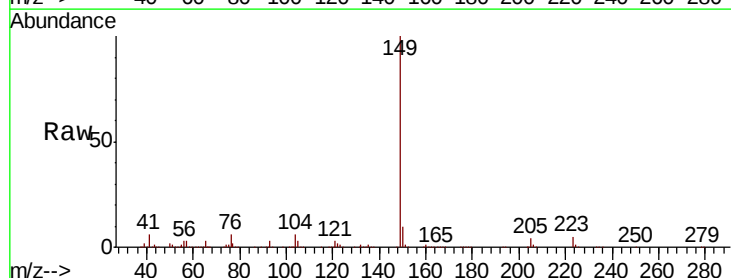
Instrument :
 BNA_G
 ClientSampleId :

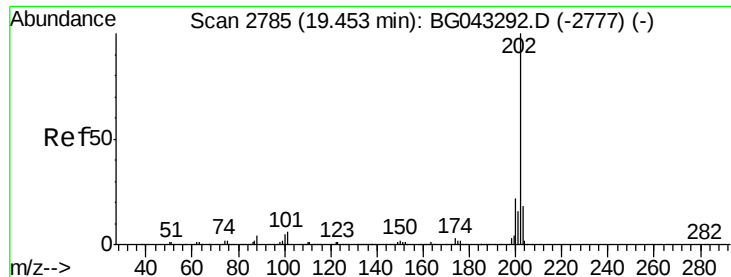
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.4	27.6
139	13.1	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 41.238 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 40.511 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043386.D

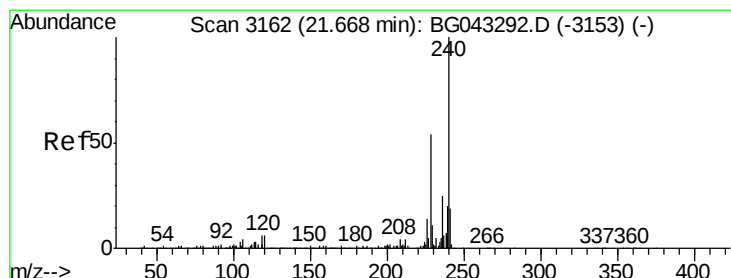
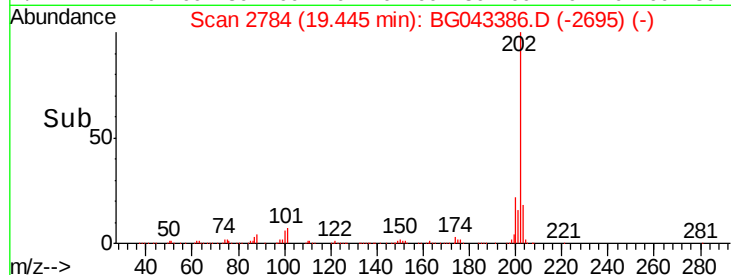
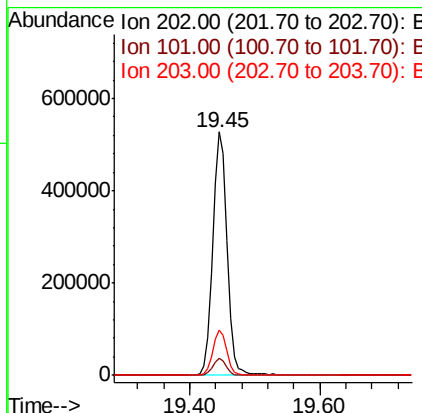
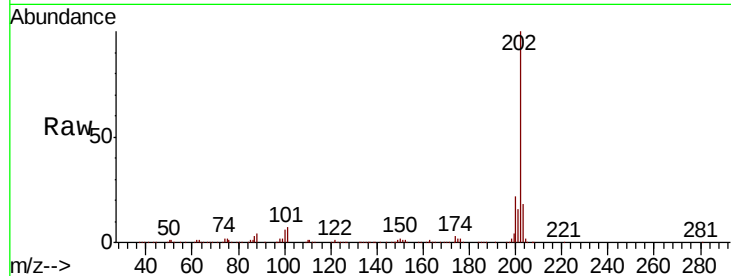
Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	798287
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.0
203	18.4	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

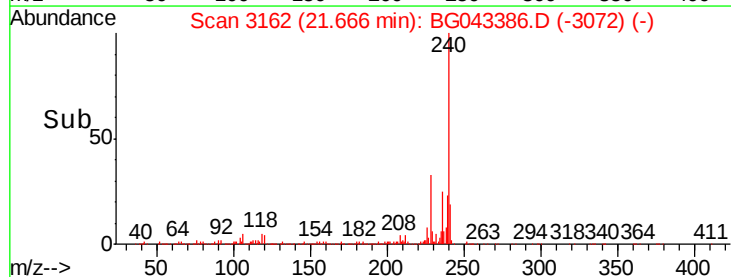
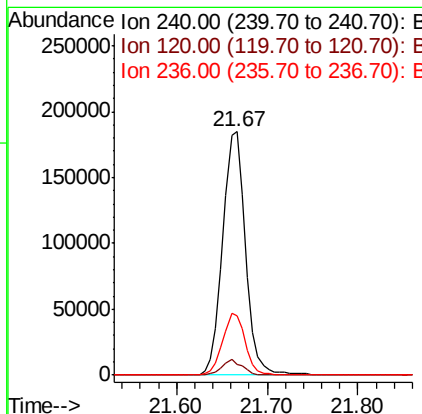
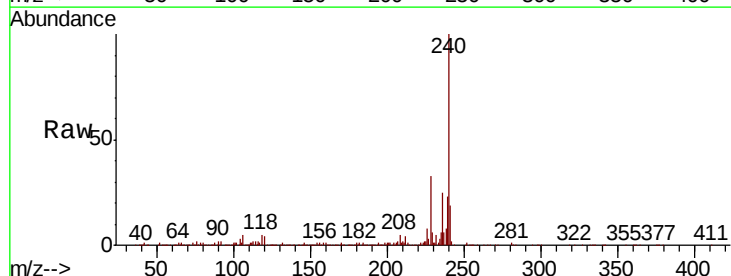
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Tgt Ion:	240	Resp:	323020
Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.6	7.0#
236	24.5	20.2	30.4





#77

Benzidine

Concen: 38.792 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

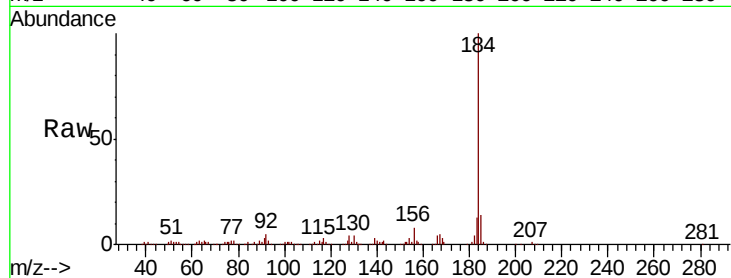
Tot Ion:184 Resp: 252180

Ion Ratio Lower Upper

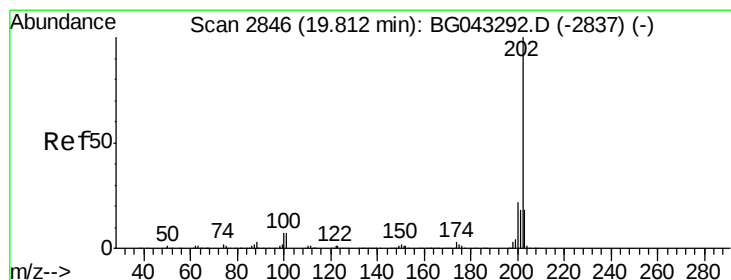
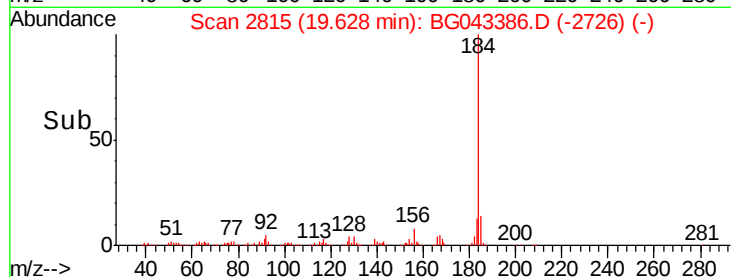
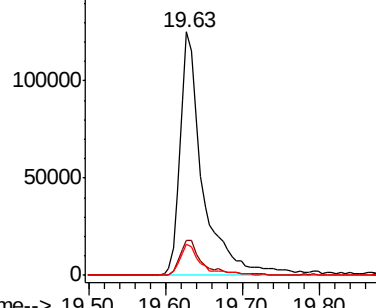
184 100

185 14.2 11.8 17.6

183 12.7 10.6 16.0



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: 40.715 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

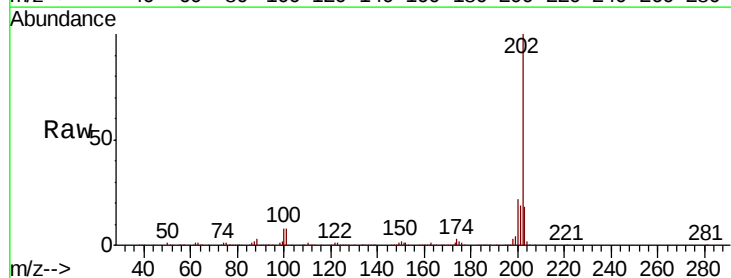
Tgt Ion:202 Resp: 814077

Ion Ratio Lower Upper

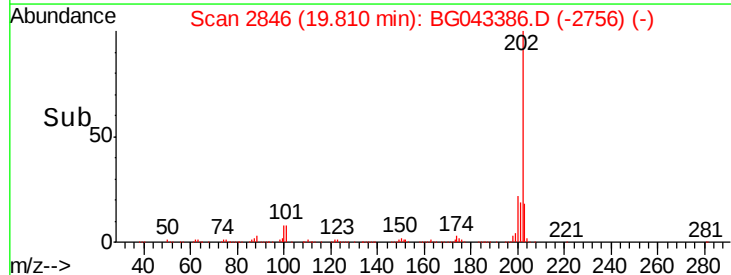
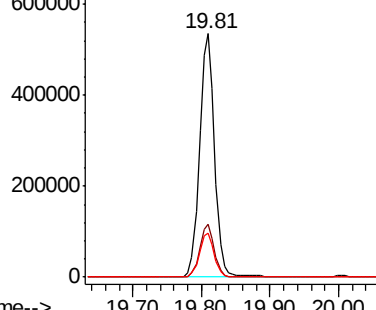
202 100

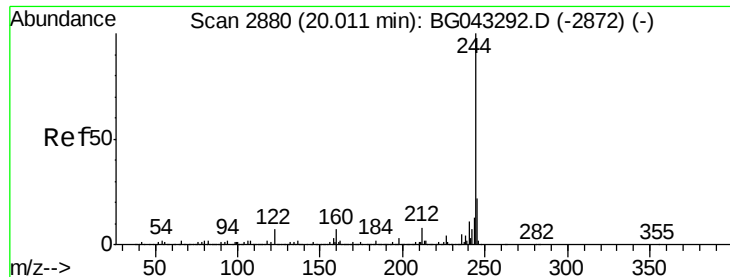
200 21.6 17.3 25.9

203 17.9 14.5 21.7



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: 81.492 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

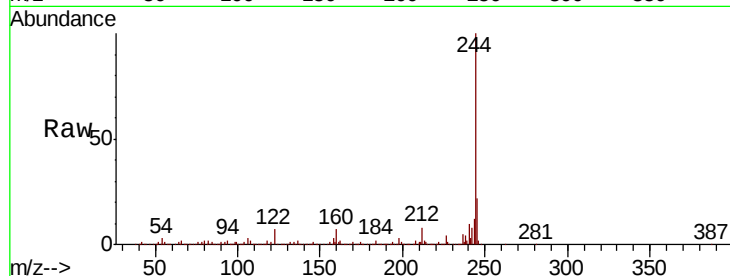
Tot Ion:244 Resp: 1403135

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

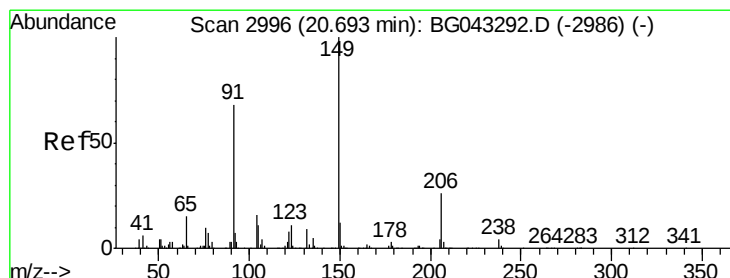
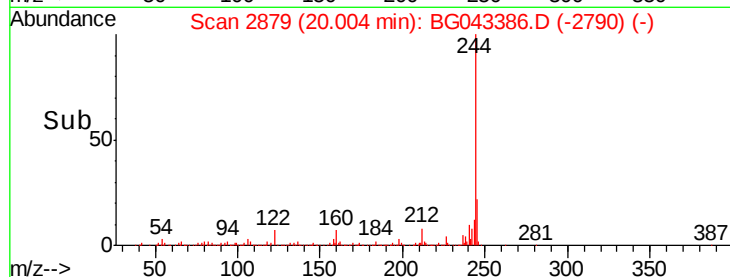
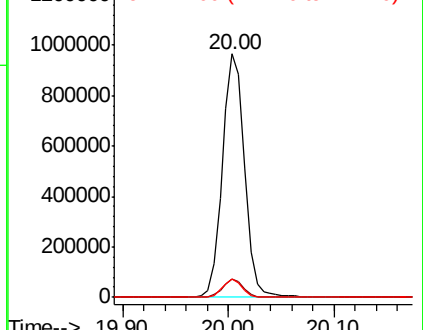
122 7.3 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.727 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

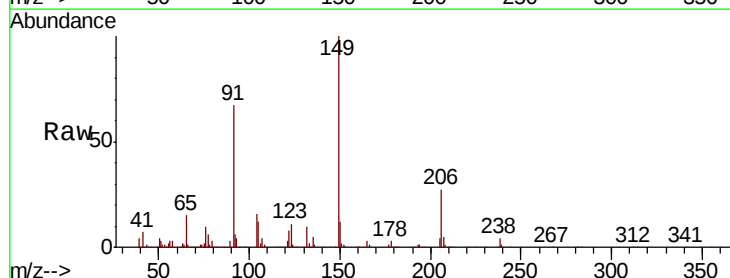
Tgt Ion:149 Resp: 316087

Ion Ratio Lower Upper

149 100

91 66.8 54.6 82.0

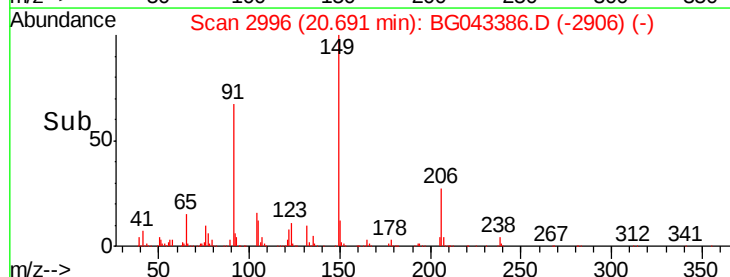
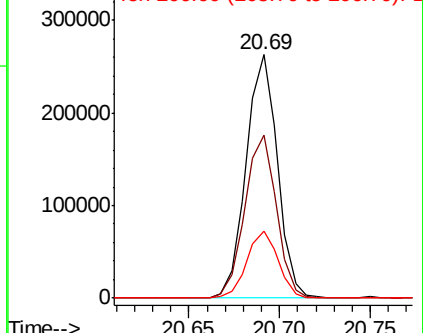
206 27.3 20.5 30.7

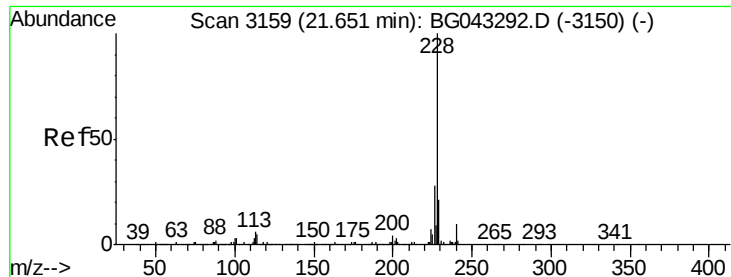


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.993 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

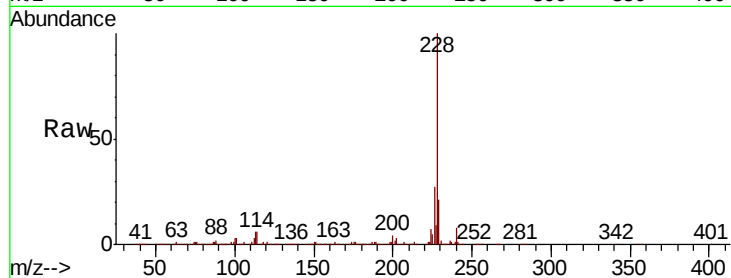
Tot Ion:228 Resp: 849666

Ion Ratio Lower Upper

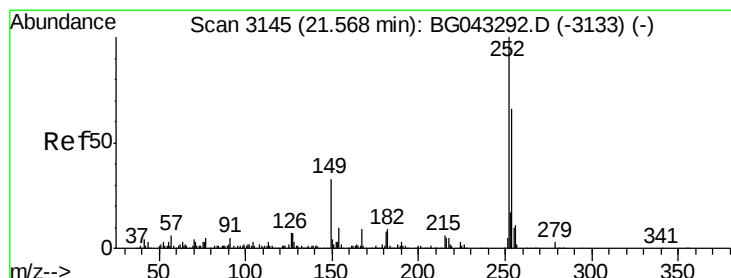
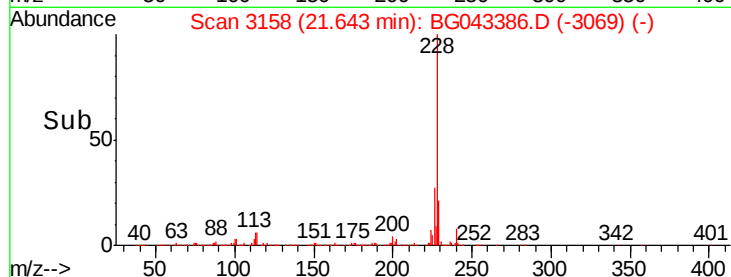
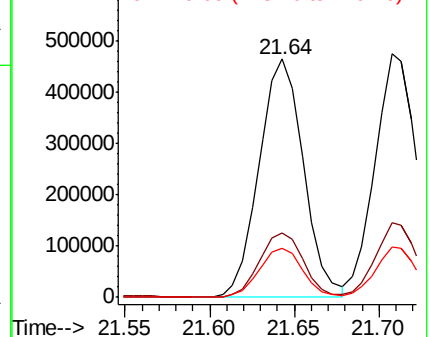
228 100

226 27.2 22.2 33.4

229 20.8 16.9 25.3



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



#82

3,3'-Dichlorobenzidine

Concen: 42.220 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

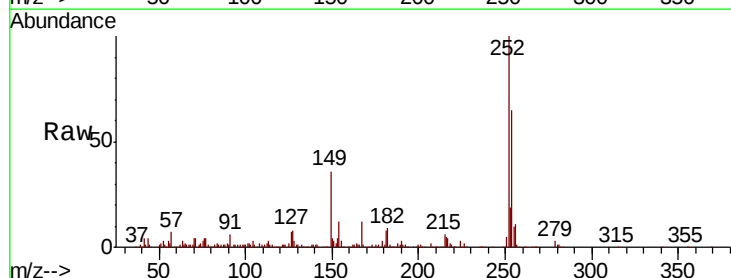
Tgt Ion:252 Resp: 330412

Ion Ratio Lower Upper

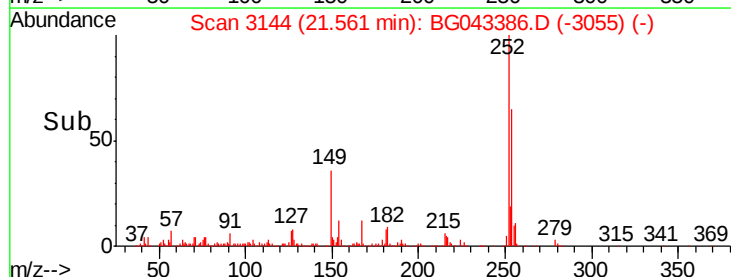
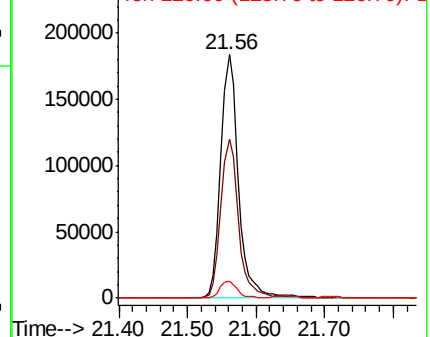
252 100

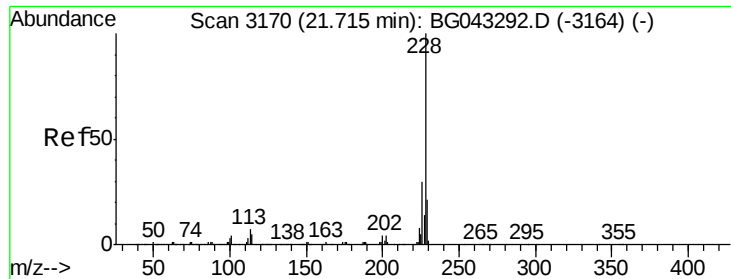
254 65.2 52.7 79.1

126 6.8 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.280 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

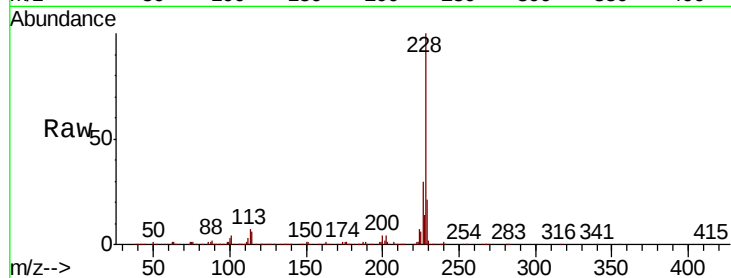
Tot Ion:228 Resp: 829889

Ion Ratio Lower Upper

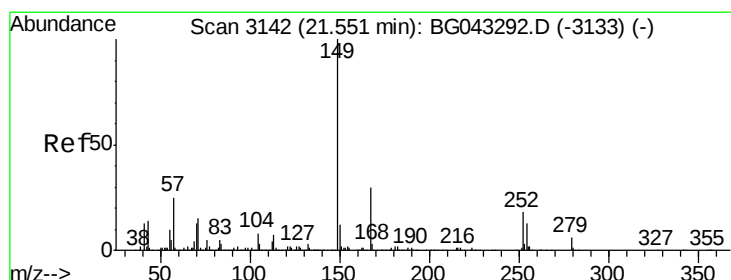
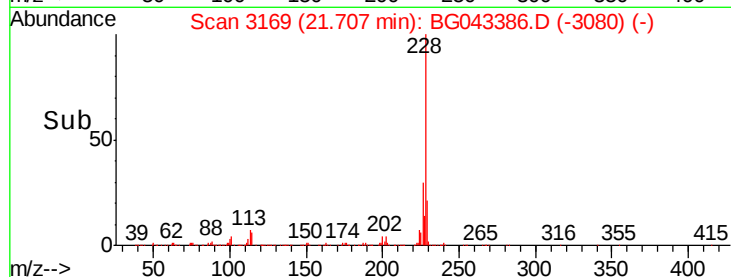
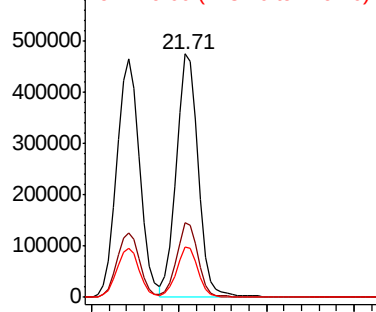
228 100

226 30.4 23.8 35.8

229 20.7 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.696 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

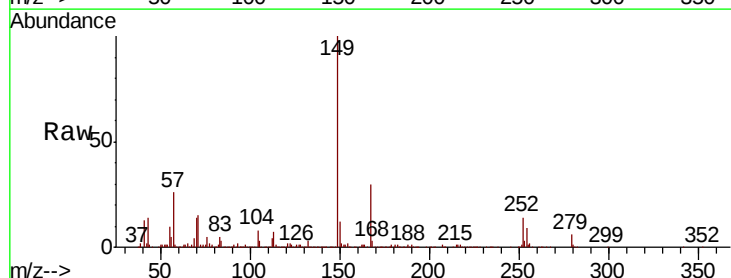
Tgt Ion:149 Resp: 459436

Ion Ratio Lower Upper

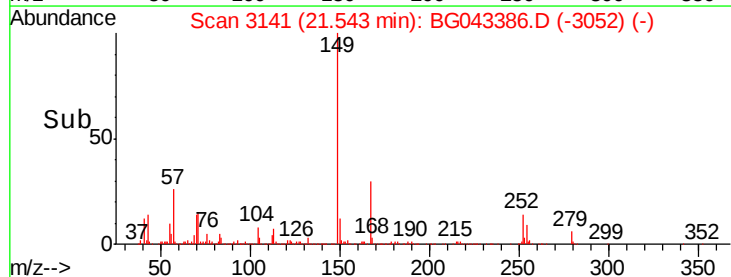
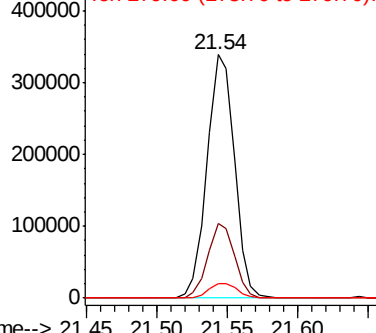
149 100

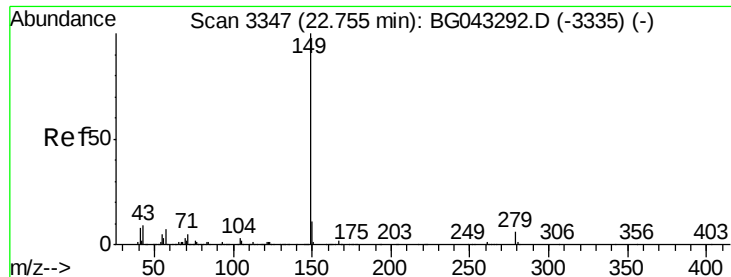
167 30.4 23.9 35.9

279 6.2 4.8 7.2



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





#85

Di-n-octyl phthalate

Concen: 42.550 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampleId :

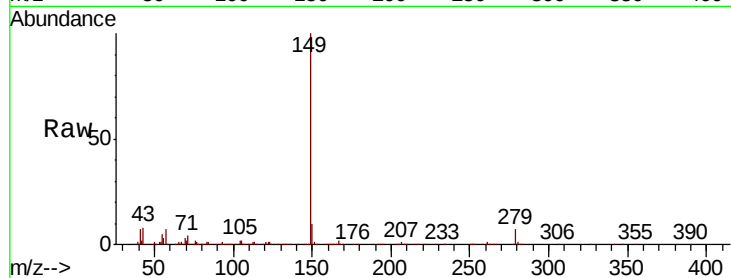
Tot Ion:149 Resp: 776806

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

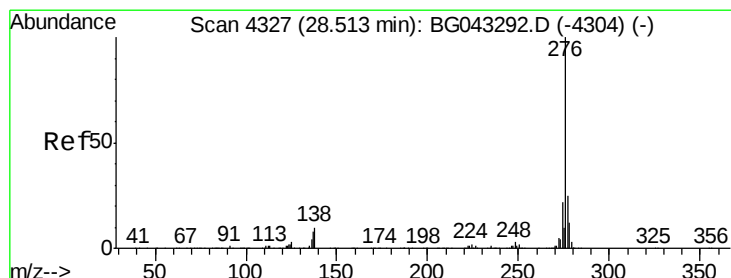
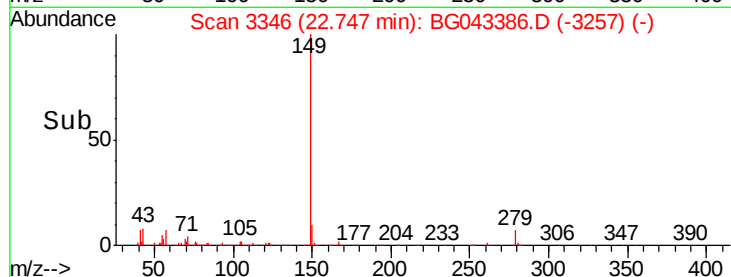
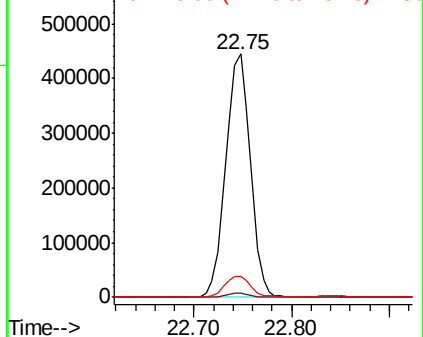
43 9.1 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.049 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

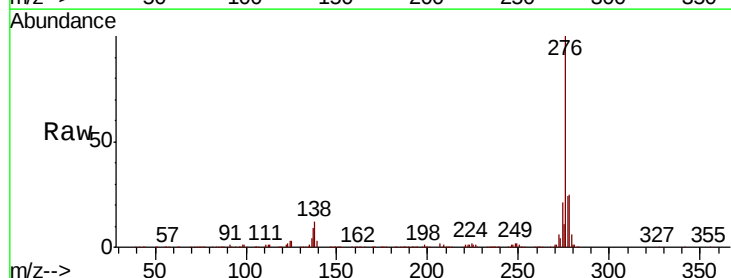
Tgt Ion:276 Resp: 1086359

Ion Ratio Lower Upper

276 100

138 13.9 7.2 10.8#

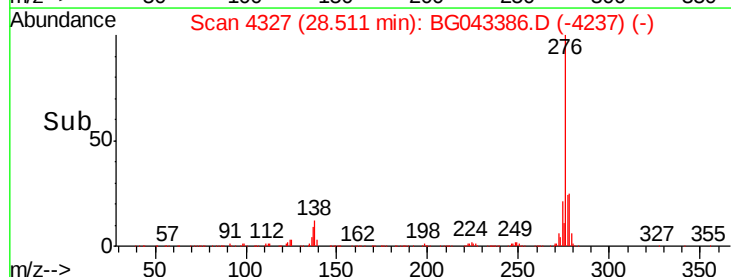
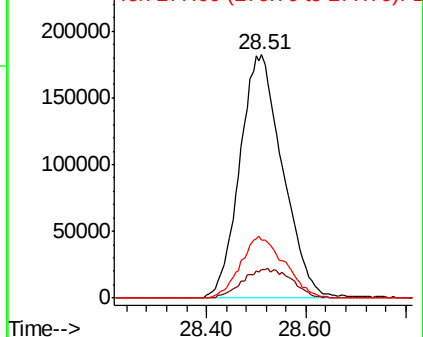
277 26.2 20.9 31.3

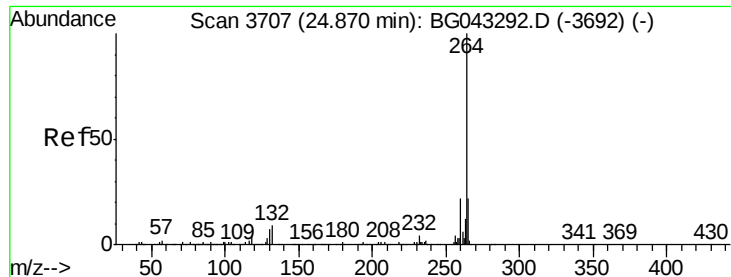


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

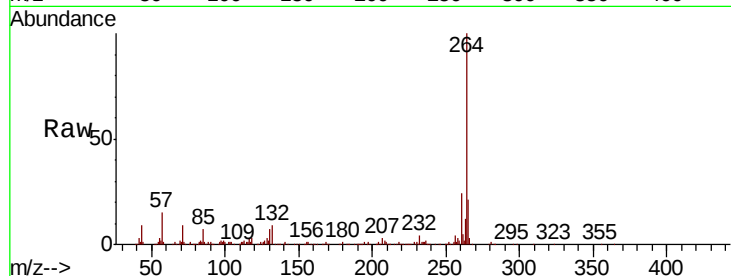
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 385986

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	21.2	17.4	26.2

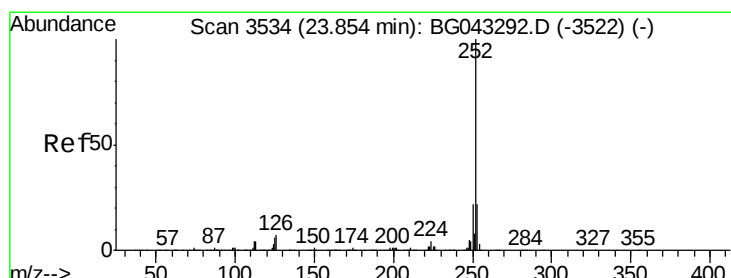
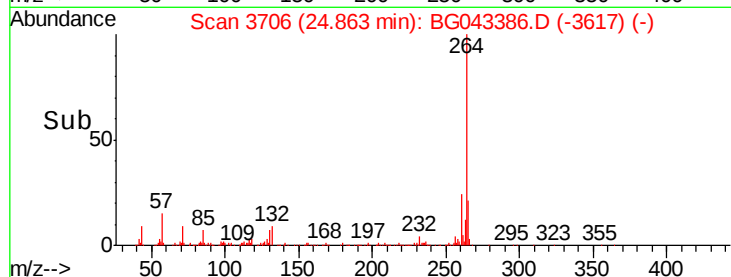
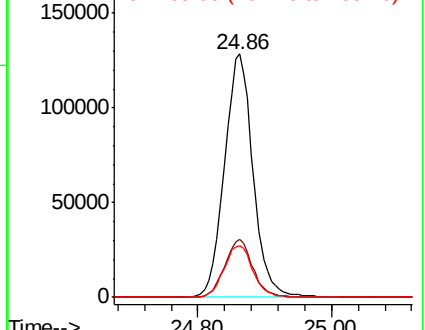


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.639 ng

RT: 23.85 min Scan# 3533

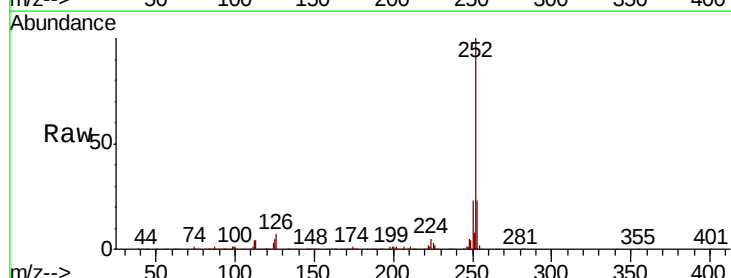
Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Tgt Ion:252 Resp: 910268

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	5.5	5.0	7.6

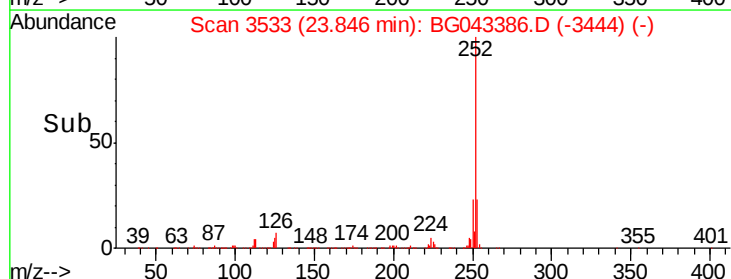
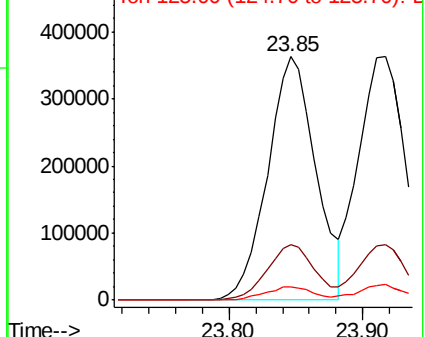


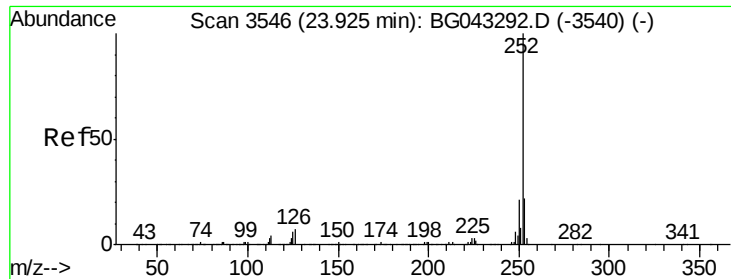
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

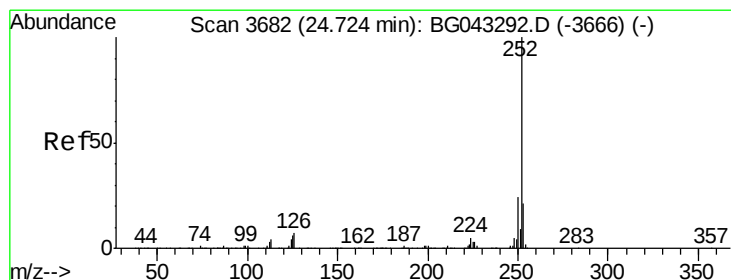
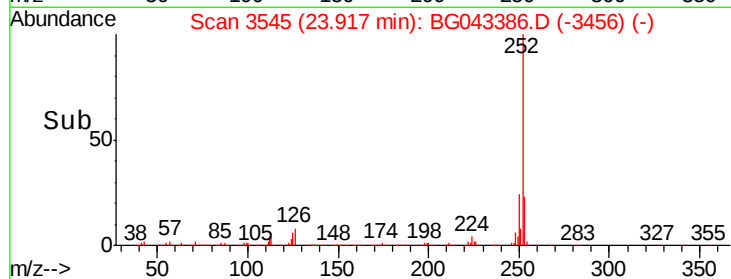
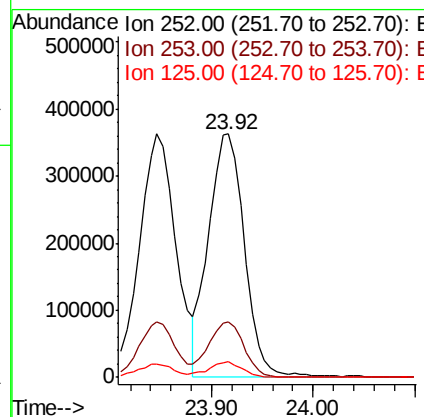
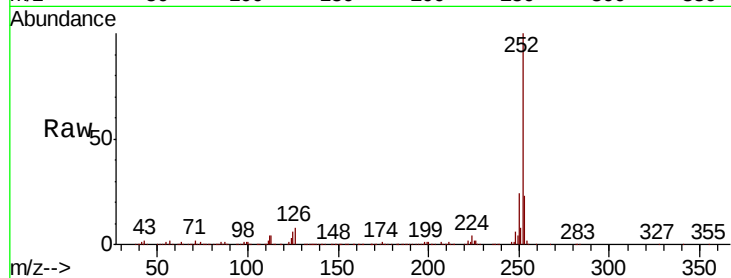




#89
 Benzo(k)fluoranthene
 Concen: 40.254 ng
 RT: 23.92 min Scan# 3545
 Delta R.T. -0.01 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

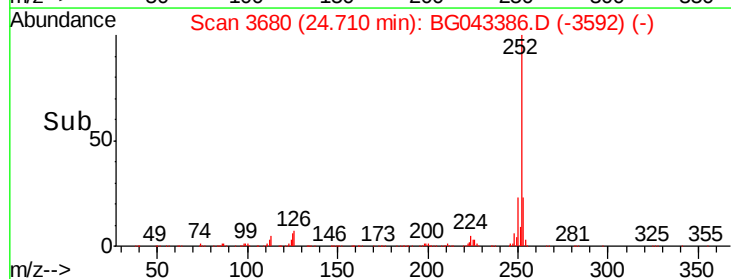
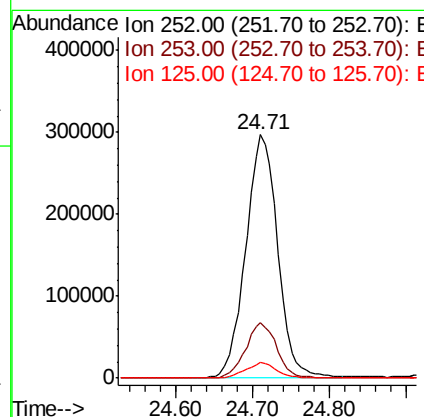
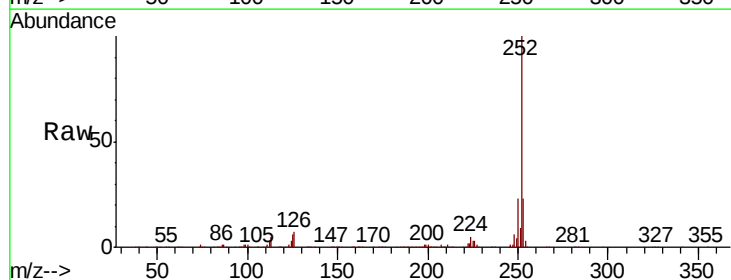
Instrument :
 BNA_G
 ClientSampleId :

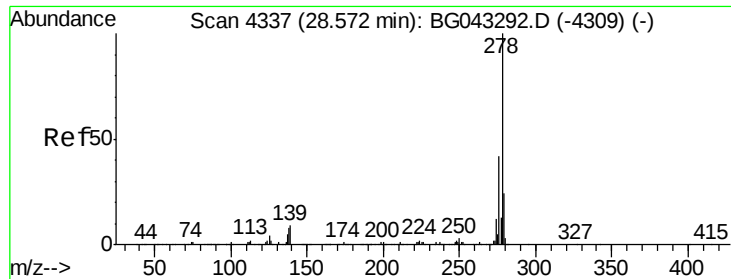
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	6.3	4.5	6.7



#90
 Benzo(a)pyrene
 Concen: 41.295 ng
 RT: 24.71 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG043386.D
 Acq: 30 Oct 2019 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	6.4	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.176 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

Instrument :

BNA_G

ClientSampled :

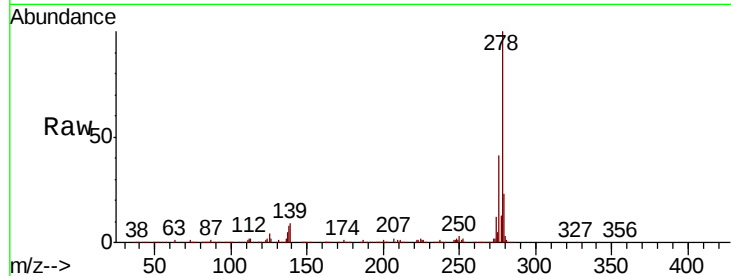
Tot Ion:278 Resp: 900570

Ion Ratio Lower Upper

278 100

139 8.8 6.8 10.2

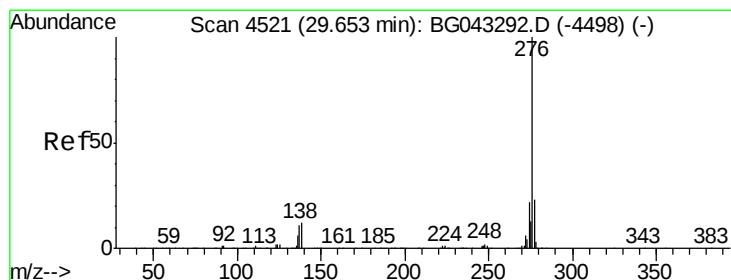
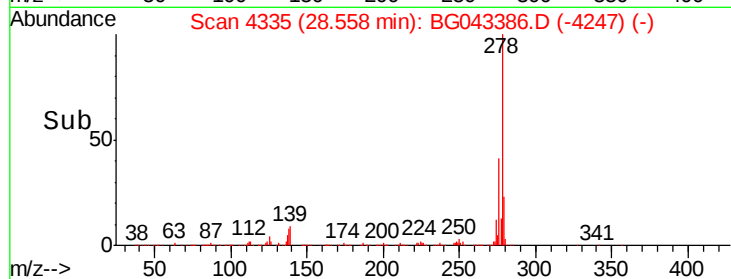
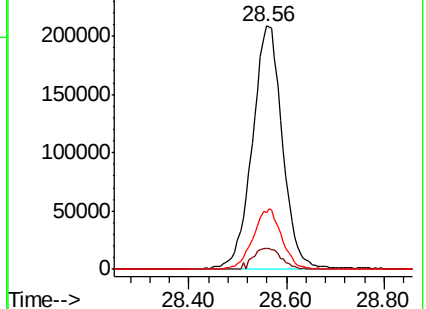
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.849 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043386.D

Acq: 30 Oct 2019 00:06

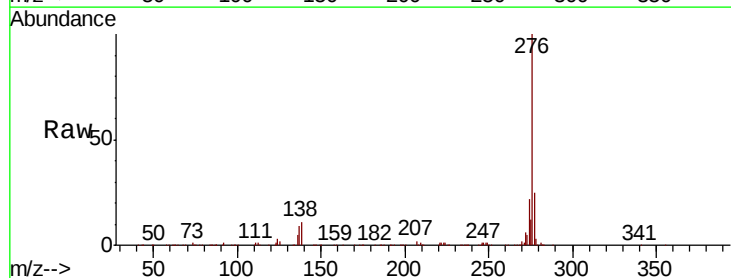
Tgt Ion:276 Resp: 881443

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 11.0 9.3 13.9



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

