

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043070.D
 Acq On : 7 Oct 2019 16:36
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Quant Time: Oct 08 01:47:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49701	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	199264	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	156297	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	403644	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	437488	20.00	ng	-0.02
87) Perylene-d12	24.91	264	506813	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	320679	115.15	ng	-0.02
7) Phenol-d6	7.23	99	478640	119.35	ng	-0.01
23) Nitrobenzene-d5	9.22	82	287872	70.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	334197	124.35	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	709908	65.85	ng	-0.02
79) Terphenyl-d14	20.03	244	1477644	71.97	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	39809	34.285	ng	94
3) Pyridine	3.93	79	95359	29.199	ng	89
4) n-Nitrosodimethylamine	3.85	42	61908	39.420	ng	# 87
6) Aniline	7.38	93	193428	39.955	ng	99
8) 2-Chlorophenol	7.63	128	145250	50.011	ng	98
9) Benzaldehyde	7.20	77	84785	34.596	ng	86
10) Phenol	7.26	94	199980	54.349	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	119973	42.141	ng	92
12) 1,3-Dichlorobenzene	7.95	146	146665	39.585	ng	96
13) 1,4-Dichlorobenzene	8.09	146	149923	40.592	ng	97
14) 1,2-Dichlorobenzene	8.41	146	146112	41.552	ng	97
15) Benzyl Alcohol	8.30	79	138204	45.835	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	176531	32.288	ng	98
17) 2-Methylphenol	8.51	107	126067	48.966	ng	97
18) Hexachloroethane	9.15	117	52390	37.663	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	115772	43.963	ng	92
20) 3+4-Methylphenols	8.83	107	176390	49.994	ng	97
22) Acetophenone	8.88	105	216058	42.064	ng	# 96
24) Nitrobenzene	9.26	77	170374	43.569	ng	93
25) Isophorone	9.78	82	326567	45.349	ng	98
26) 2-Nitrophenol	9.97	139	83469	50.142	ng	93
27) 2,4-Dimethylphenol	10.03	122	141251	55.252	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	180744	44.238	ng	98
29) 2,4-Dichlorophenol	10.51	162	164630	51.779	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	175572	42.761	ng	94
31) Naphthalene	10.91	128	448669	45.740	ng	99
32) Benzoic acid	10.19	122	92740	46.840	ng	88
33) 4-Chloroaniline	11.02	127	135073	31.734	ng	97
34) Hexachlorobutadiene	11.20	225	121780	39.612	ng	96
35) Caprolactam	11.79	113	29084	25.939	ng	# 86
36) 4-Chloro-3-methylphenol	12.14	107	186165	53.852	ng	93
37) 2-Methylnaphthalene	12.51	142	359656	48.063	ng	98
38) 1-Methylnaphthalene	12.73	142	339742	47.981	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	232601	39.581	ng	99

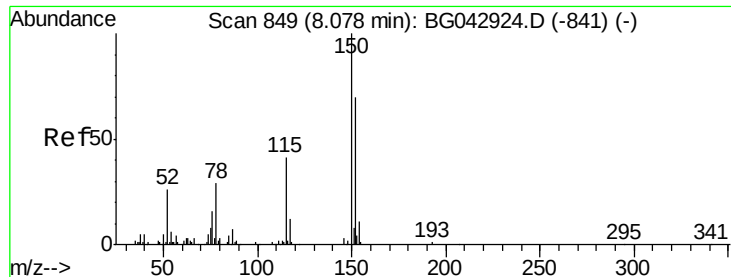
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	306822	81.943	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	166052	48.276	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	179186	50.570	ng	94
46) 1,1'-Biphenyl	13.52	154	500946	42.264	ng	98
47) 2-Chloronaphthalene	13.56	162	393819	44.316	ng	99
48) 2-Nitroaniline	13.76	65	130140	44.038	ng	92
49) Acenaphthylene	14.40	152	645199	47.449	ng	99
50) Dimethylphthalate	14.13	163	671069	57.304	ng	99
51) 2,6-Dinitrotoluene	14.25	165	128136	51.380	ng	94
52) Acenaphthene	14.74	154	394727	43.369	ng	97
53) 3-Nitroaniline	14.58	138	95246	36.956	ng	95
54) 2,4-Dinitrophenol	14.79	184	168873	108.939	ng	94
55) Dibenzofuran	15.08	168	635471	47.198	ng	98
56) 4-Nitrophenol	14.90	139	212918	108.425	ng	95
57) 2,4-Dinitrotoluene	15.04	165	186299	51.012	ng	95
58) Fluorene	15.73	166	549902	47.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	184558	48.919	ng	100
60) Diethylphthalate	15.50	149	567821	47.644	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	317836	46.104	ng	98
62) 4-Nitroaniline	15.75	138	136988	48.735	ng	95
63) Azobenzene	16.01	77	482265	44.446	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	121176	53.052	ng	90
66) n-Nitrosodiphenylamine	15.93	169	501610	47.075	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	229842	45.368	ng	95
68) Hexachlorobenzene	16.73	284	254132	45.053	ng	97
69) Atrazine	16.88	200	197814	44.086	ng	97
70) Pentachlorophenol	17.08	266	326895	100.433	ng	98
71) Phenanthrene	17.47	178	936662	47.532	ng	98
72) Anthracene	17.55	178	945889	48.081	ng	98
73) Carbazole	17.82	167	872952	47.851	ng	99
74) Di-n-butylphthalate	18.38	149	1002978	46.080	ng	99
75) Fluoranthene	19.47	202	1277698	49.020	ng	98
77) Benzidine	19.65	184	587320	53.616	ng	99
78) Pyrene	19.83	202	1279390	48.996	ng	99
80) Butylbenzylphthalate	20.72	149	463363	46.750	ng	94
81) Benzo(a)anthracene	21.67	228	1268194	46.523	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	411049	38.446	ng	97
83) Chrysene	21.74	228	1215583	45.952	ng	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	666709	47.273	ng	97
85) Di-n-octyl phthalate	22.79	149	1111058	48.177	ng	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1631518	49.542	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	1347602	46.993	ng	98
89) Benzo(k)fluoranthene	23.96	252	1342690	47.329	ng	99
90) Benzo(a)pyrene	24.76	252	1341355	49.578	ng	98
91) Dibenzo(a,h)anthracene	28.64	278	1365611	49.223	ng	99
92) Benzo(g,h,i)perylene	29.73	276	1355941	50.442	ng	97

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

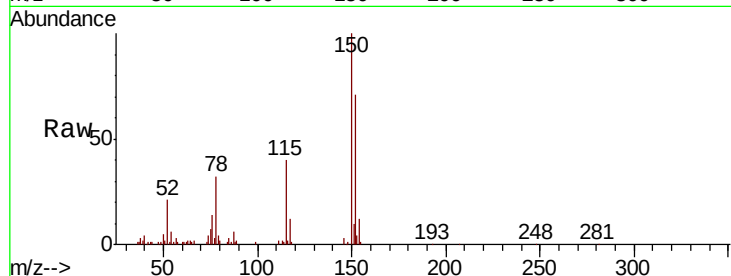


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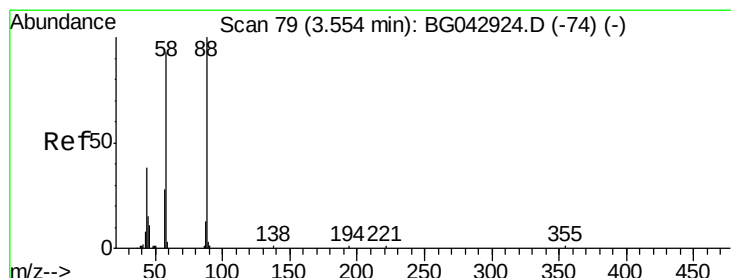
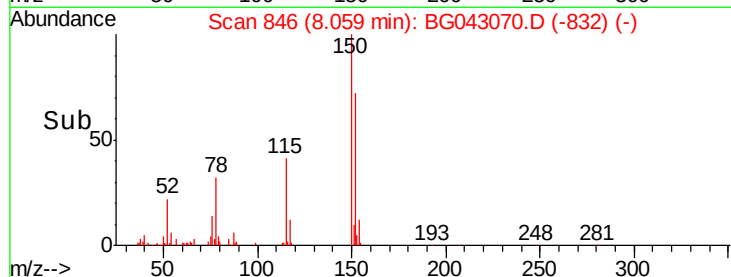
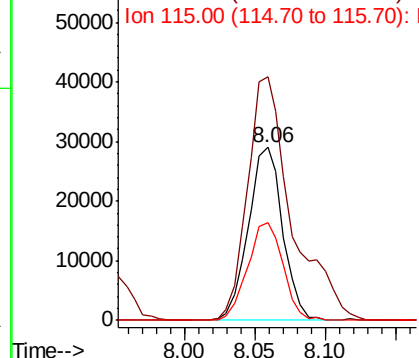
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:152 Resp: 49701
Ion Ratio Lower Upper
152 100
150 140.6 115.0 172.4
115 56.6 47.0 70.6



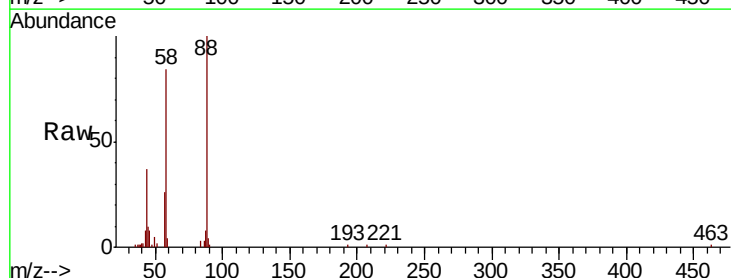
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



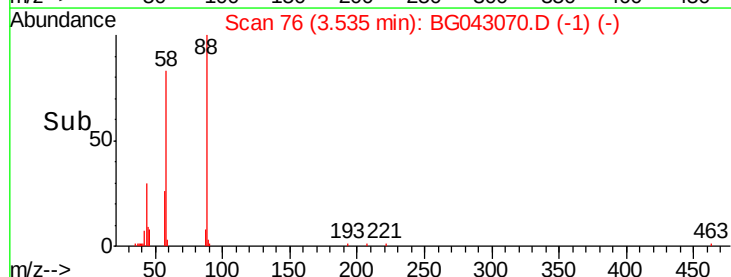
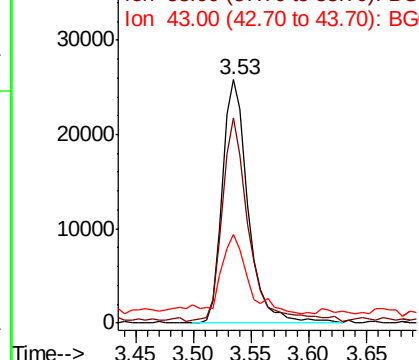
#2

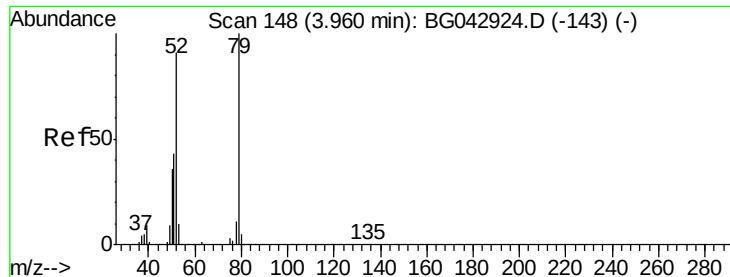
1,4-Dioxane
Concen: 34.285 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion: 88 Resp: 39809
Ion Ratio Lower Upper
88 100
58 86.3 74.3 111.5
43 34.6 29.8 44.8



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: 29.199 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

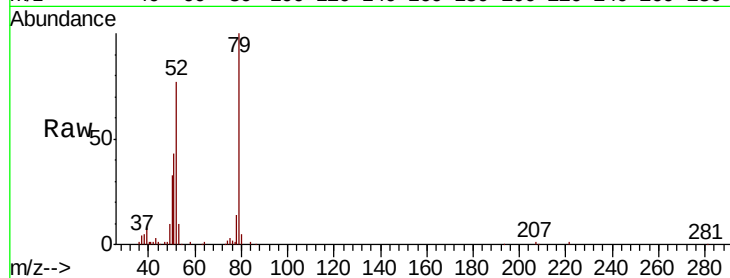
Tot Ion: 79 Resp: 95359

Ion Ratio Lower Upper

79 100

52 76.7 73.0 109.4

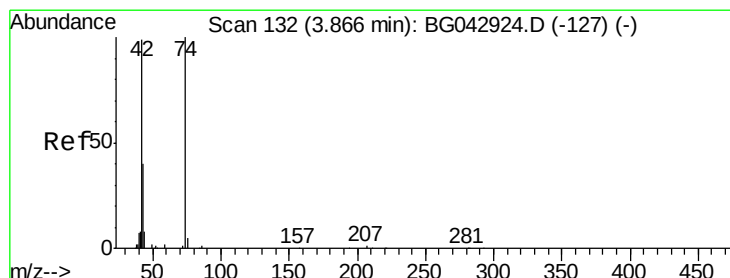
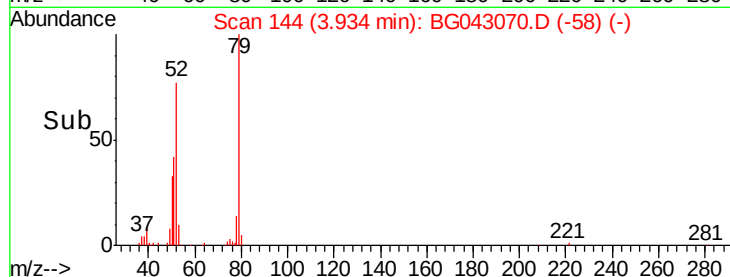
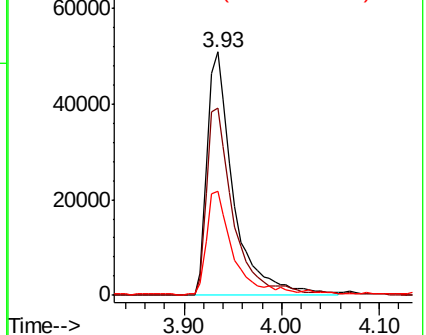
51 42.7 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.420 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

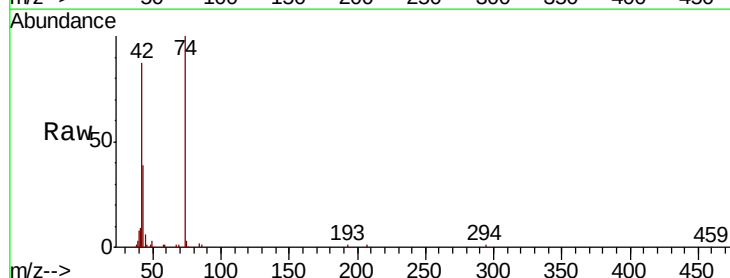
Tgt Ion: 42 Resp: 61908

Ion Ratio Lower Upper

42 100

74 114.7 80.5 120.7

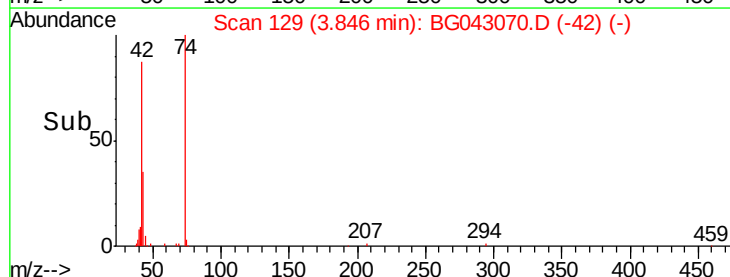
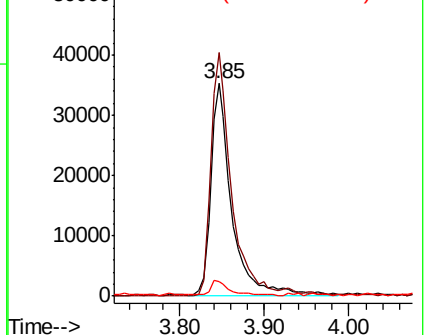
44 6.7 6.9 10.3#

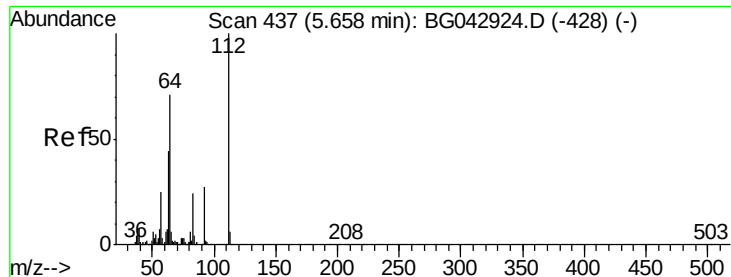


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.147 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

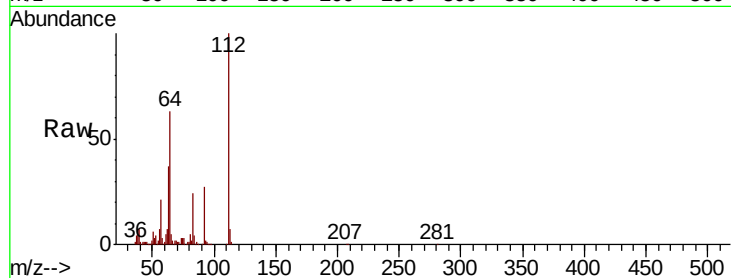
Tot Ion:112 Resp: 320679

Ion Ratio Lower Upper

112 100

64 62.8 56.6 84.8

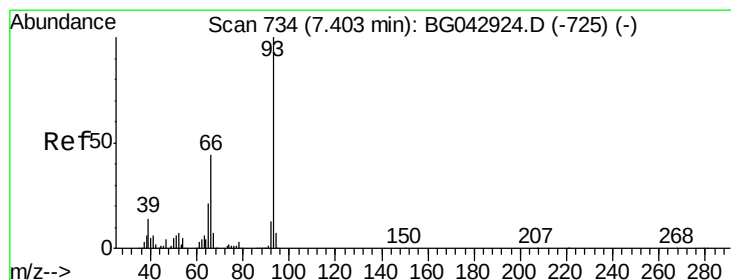
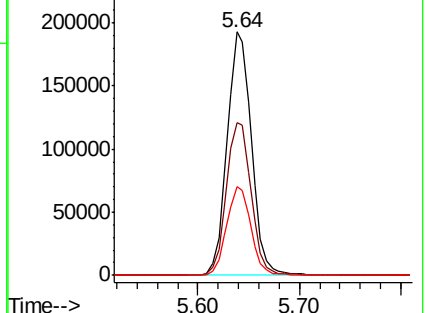
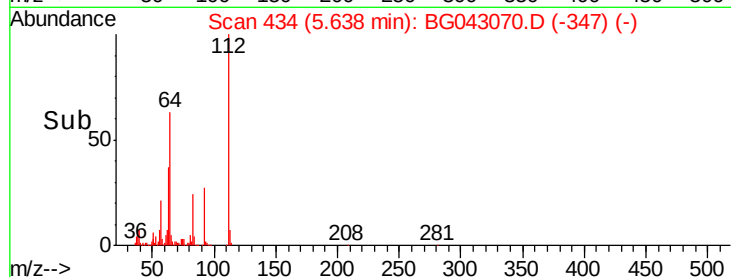
63 36.6 35.1 52.7



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: 39.955 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

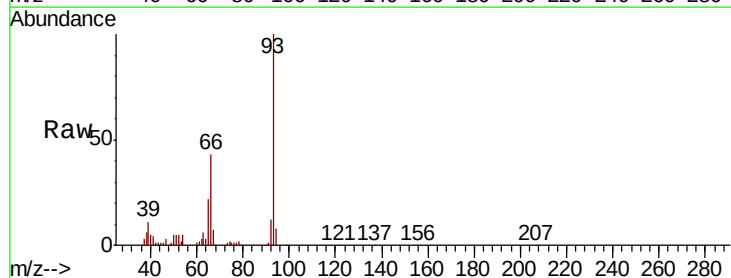
Tgt Ion: 93 Resp: 193428

Ion Ratio Lower Upper

93 100

66 42.9 35.0 52.6

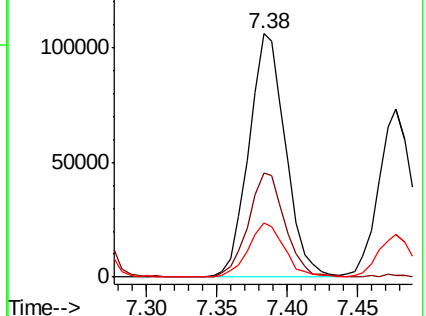
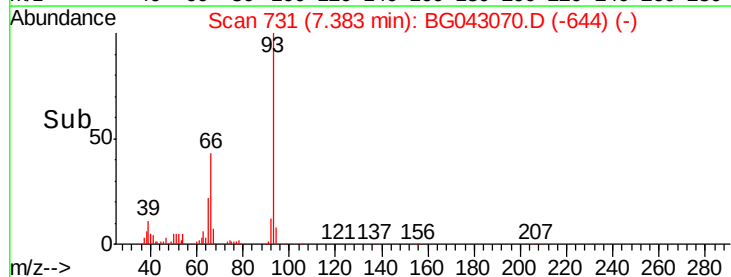
65 22.1 17.4 26.0

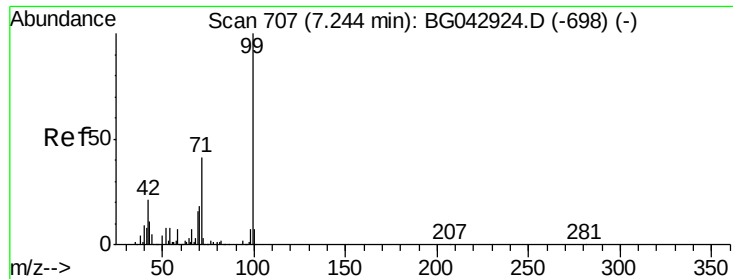


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.347 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

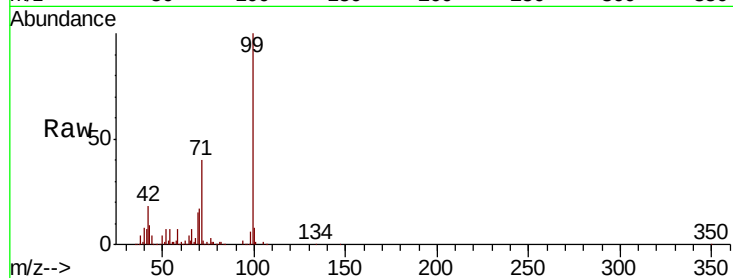
Tot Ion: 99 Resp: 478640

Ion Ratio Lower Upper

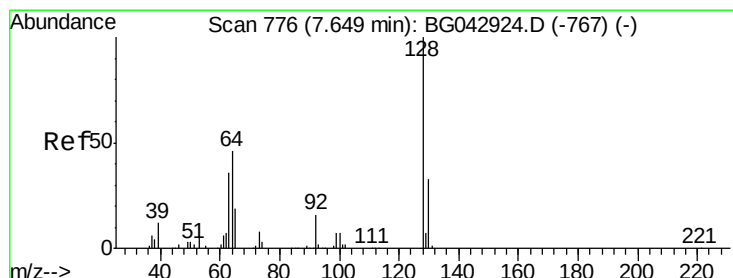
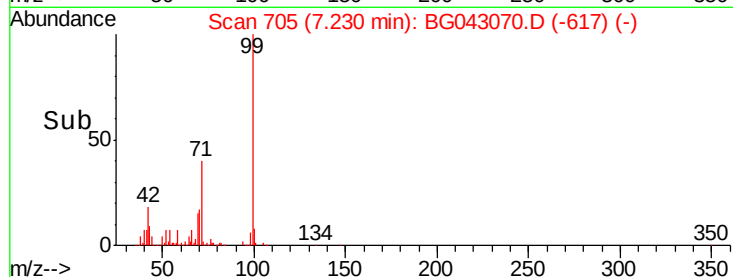
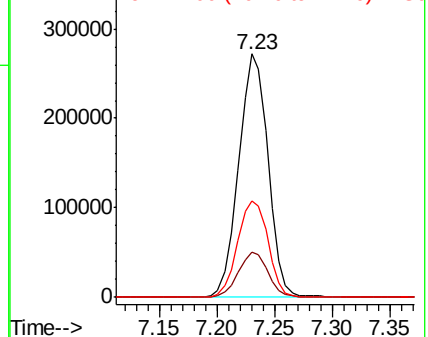
99 100

42 18.4 17.2 25.8

71 39.7 33.1 49.7



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



#8

2-Chlorophenol

Concen: 50.011 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

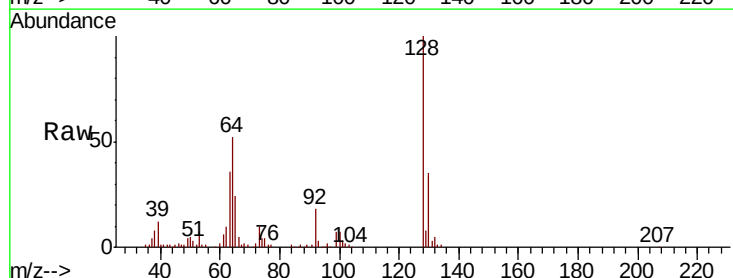
Tgt Ion: 128 Resp: 145250

Ion Ratio Lower Upper

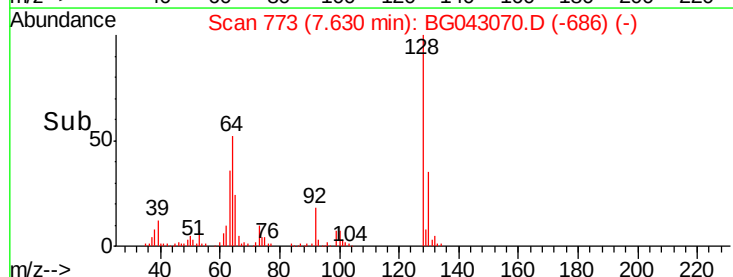
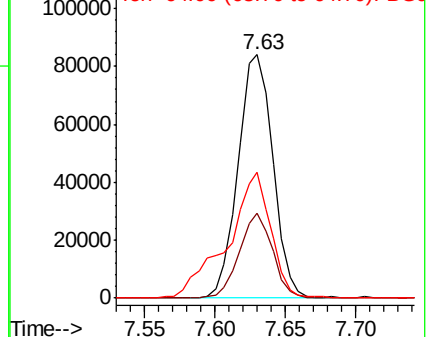
128 100

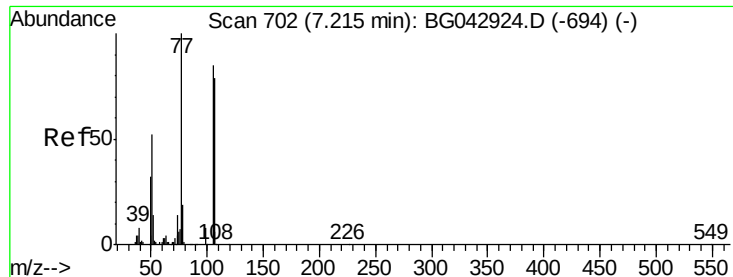
130 34.8 12.5 52.5

64 51.9 32.8 72.8



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





#9

Benzaldehyde

Concen: 34.596 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

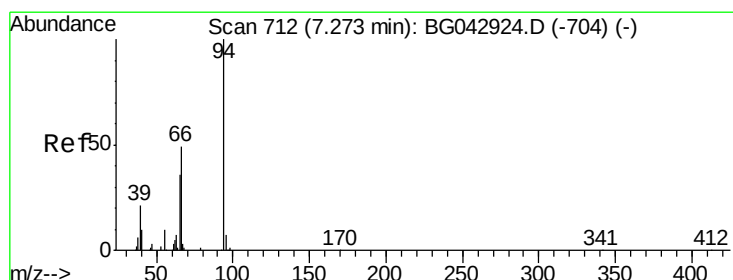
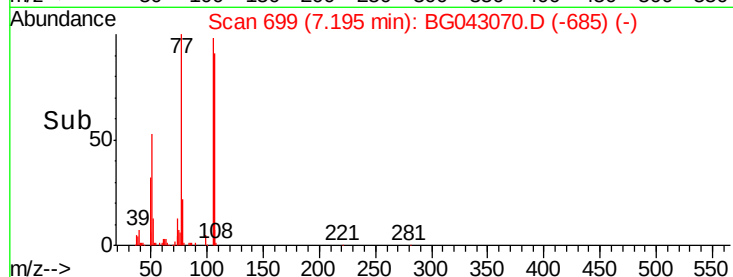
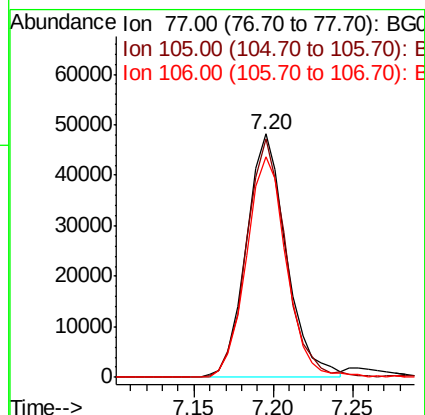
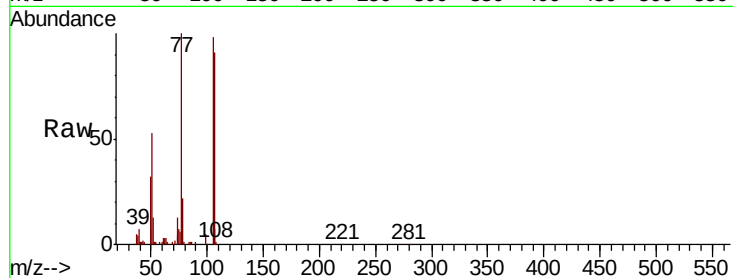
Tot Ion: 77 Resp: 84785

Ion Ratio Lower Upper

77 100

105 98.0 64.6 104.6

106 90.6 59.4 99.4



#10

Phenol

Concen: 54.349 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

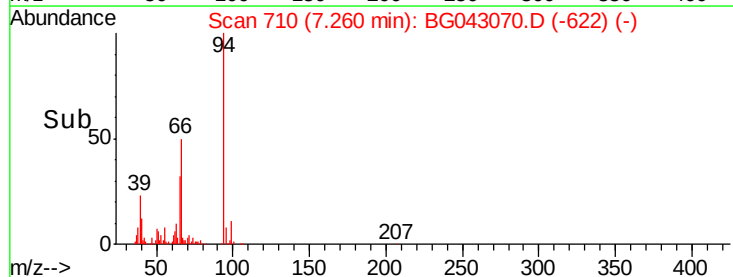
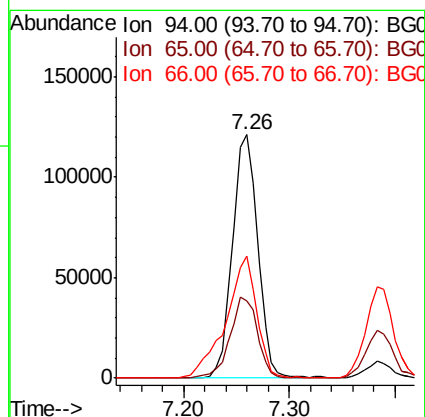
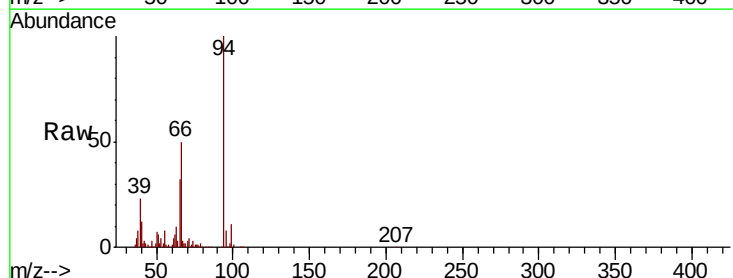
Tgt Ion: 94 Resp: 199980

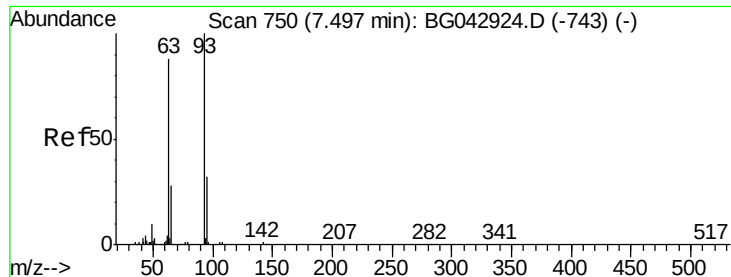
Ion Ratio Lower Upper

94 100

65 31.7 16.6 56.6

66 50.2 32.4 72.4

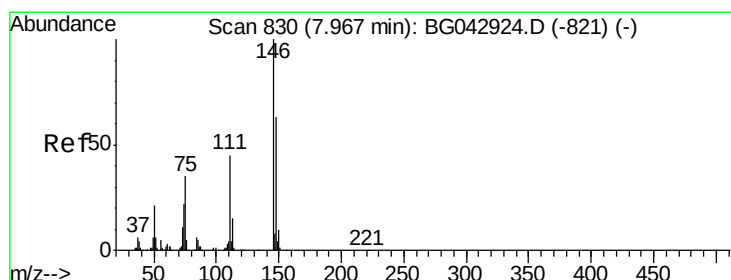
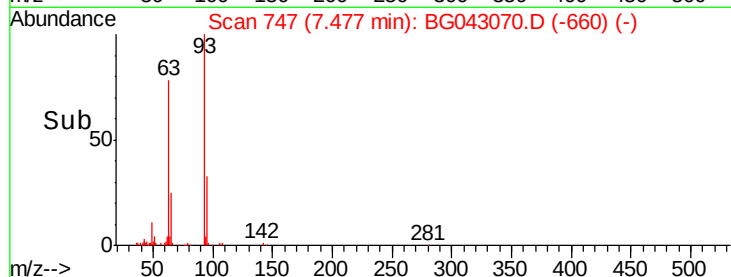
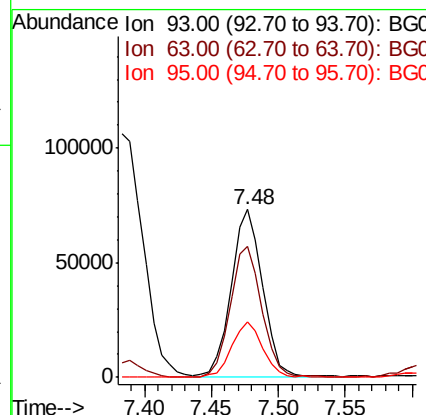
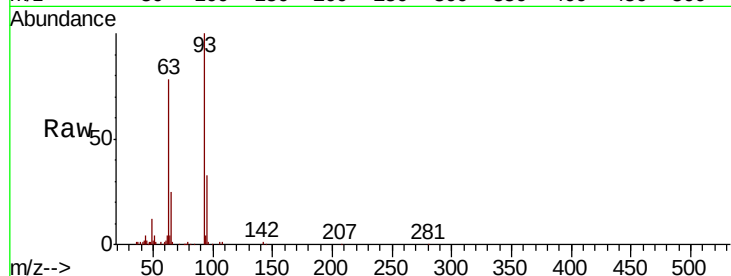




#11
bis(2-Chloroethyl)ether
Concen: 42.141 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

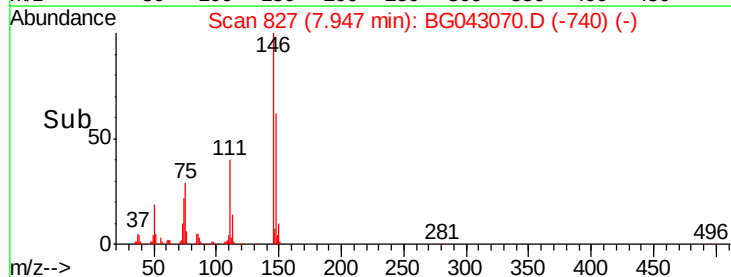
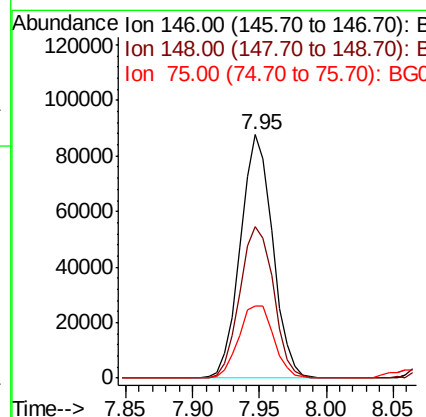
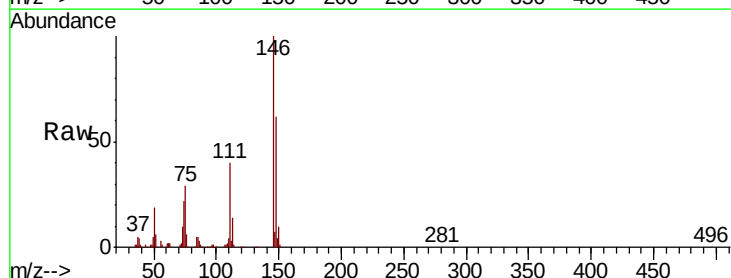
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

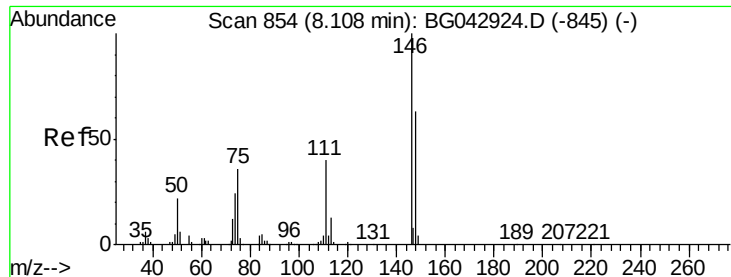
Tot Ion: 93 Resp: 119973
Ion Ratio Lower Upper
93 100
63 78.4 67.4 107.4
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.585 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion: 146 Resp: 146665
Ion Ratio Lower Upper
146 100
148 62.1 50.7 76.1
75 29.4 27.7 41.5

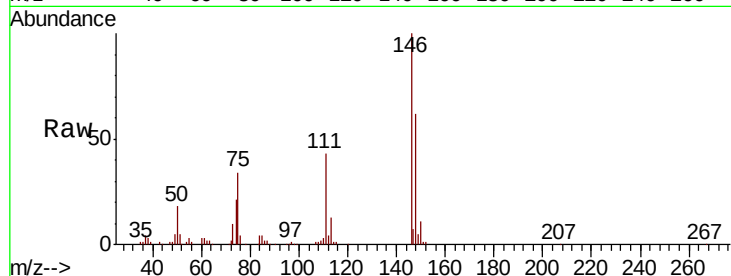




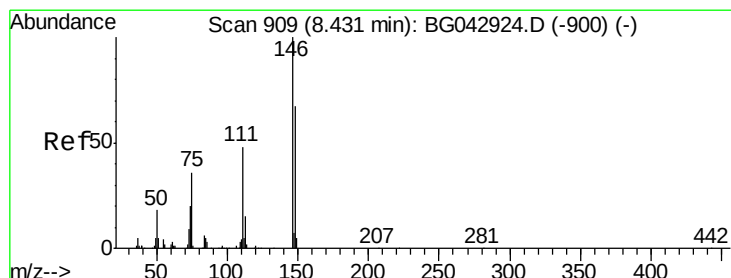
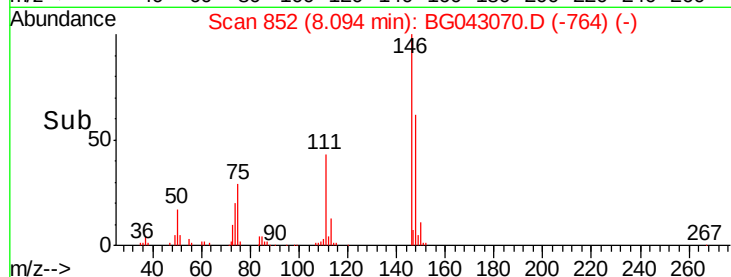
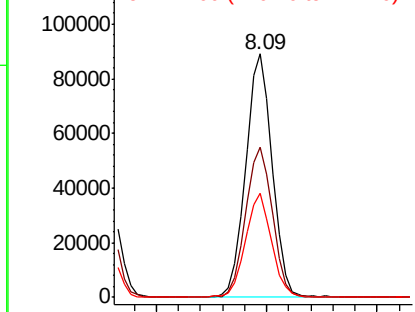
#13
 1,4-Dichlorobenzene
 Concen: 40.592 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion:146 Resp: 149923
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.9 76.3
 111 42.8 31.8 47.8

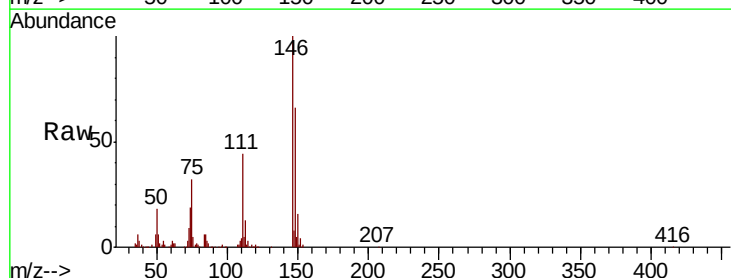


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

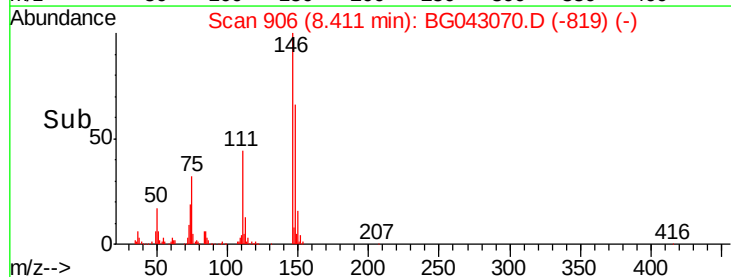
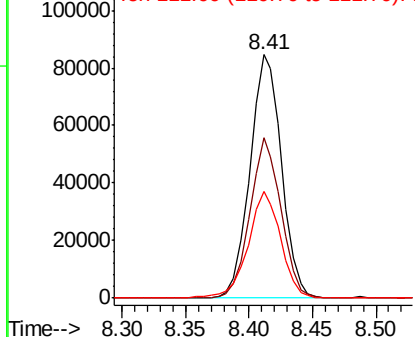


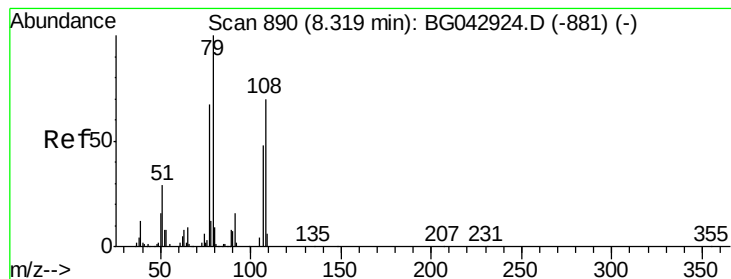
#14
 1,2-Dichlorobenzene
 Concen: 41.552 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion:146 Resp: 146112
 Ion Ratio Lower Upper
 146 100
 148 66.0 53.4 80.2
 111 43.9 38.5 57.7



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: 45.835 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

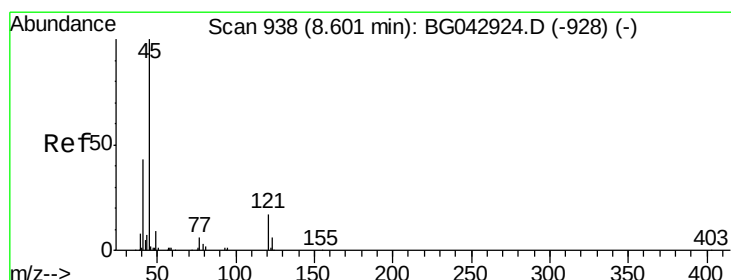
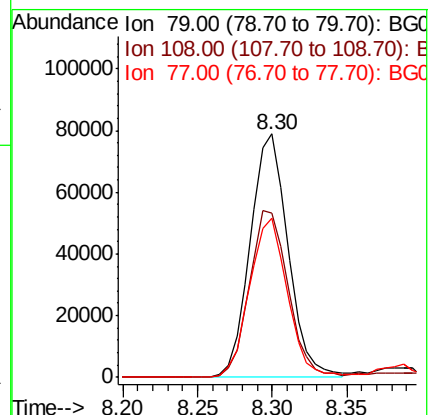
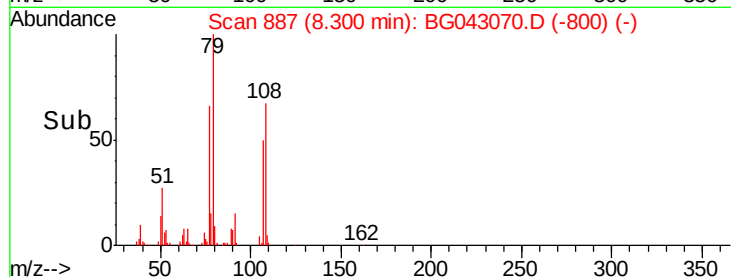
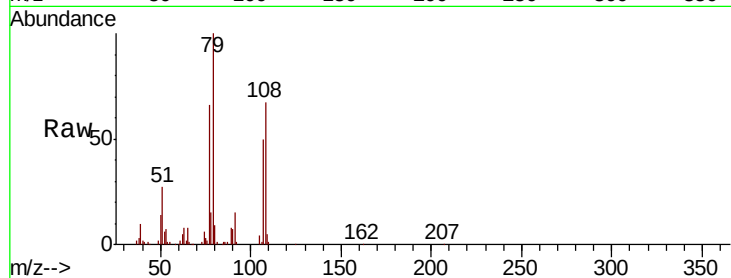
Tot Ion: 79 Resp: 138204

Ion Ratio Lower Upper

79 100

108 67.3 55.7 83.5

77 65.6 53.3 79.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.288 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

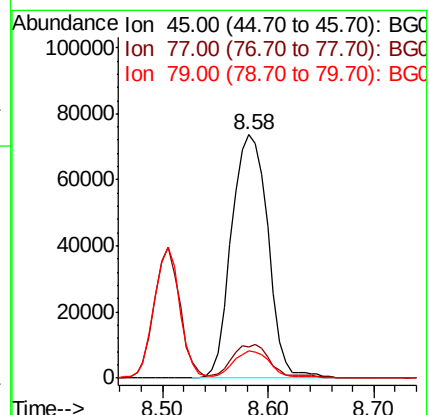
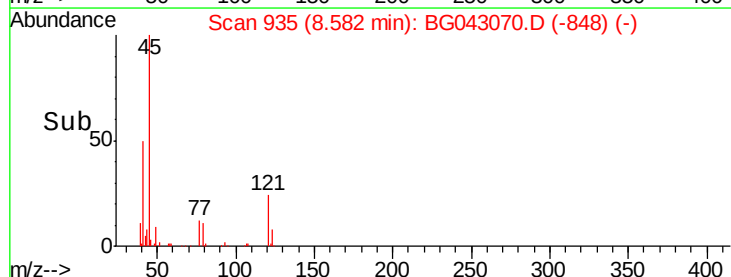
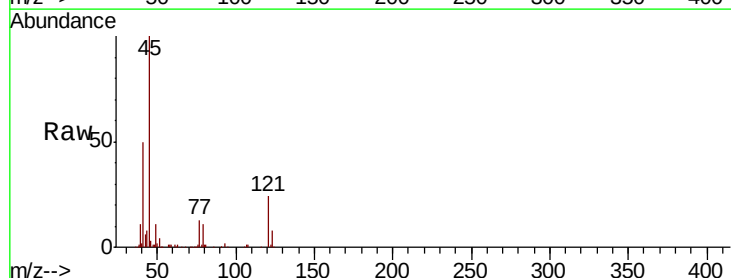
Tgt Ion: 45 Resp: 176531

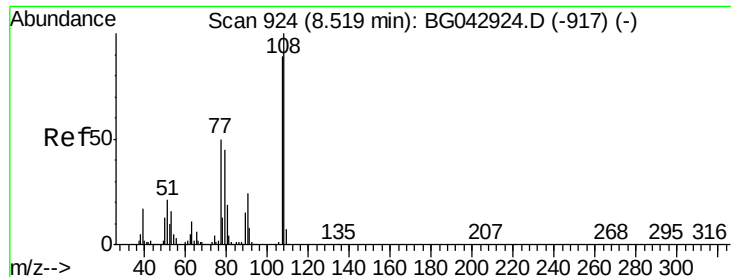
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.8

79 11.3 0.0 29.4





#17

2-Methylphenol

Concen: 48.966 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:107 Resp: 126067

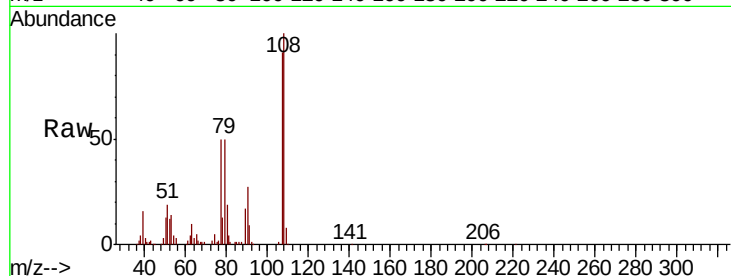
Ion Ratio Lower Upper

107 100

108 109.3 89.9 134.9

77 54.2 45.4 68.2

79 54.4 41.4 62.0

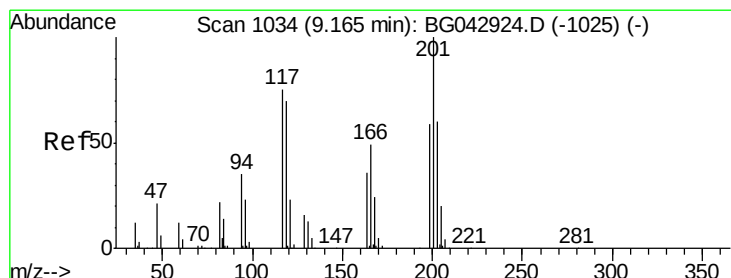
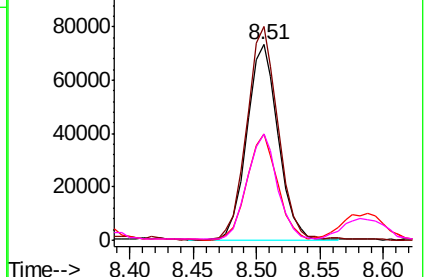
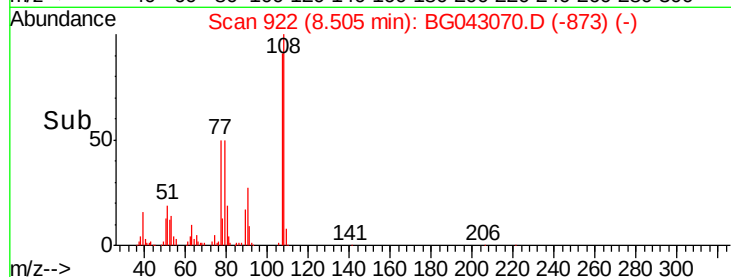


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.663 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

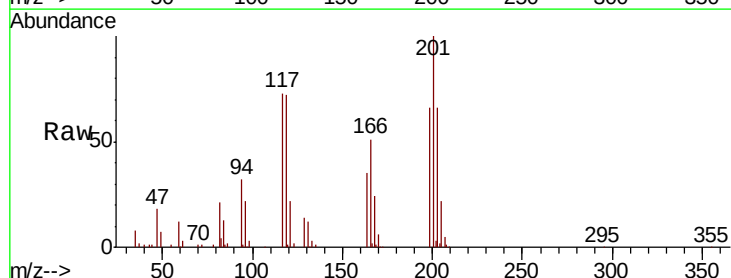
Tgt Ion:117 Resp: 52390

Ion Ratio Lower Upper

117 100

119 98.4 74.6 111.8

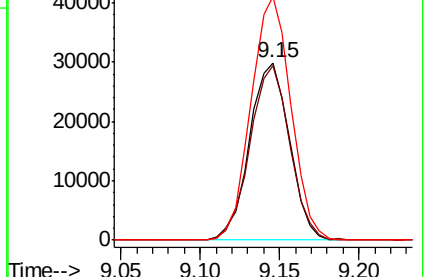
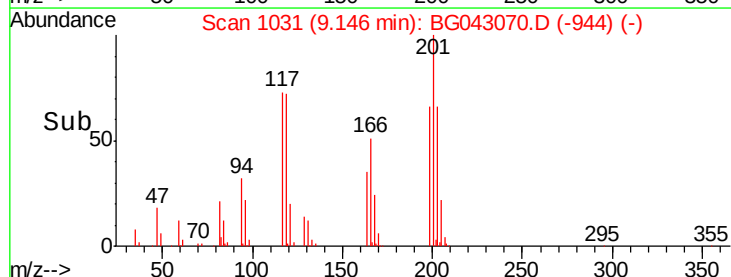
201 137.2 106.0 159.0

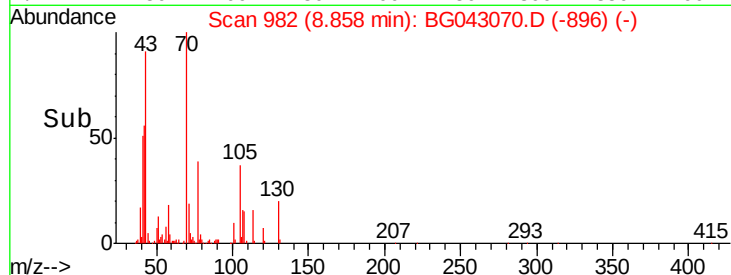
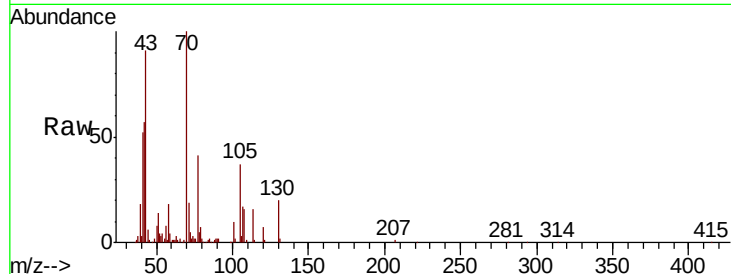
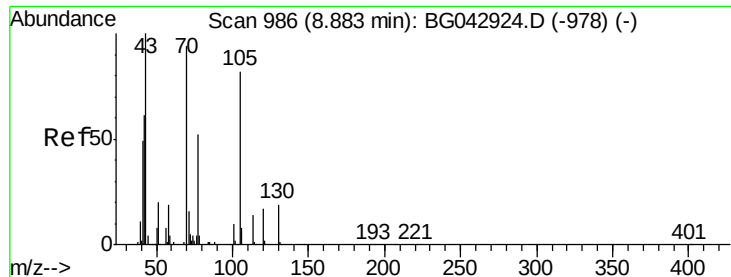


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

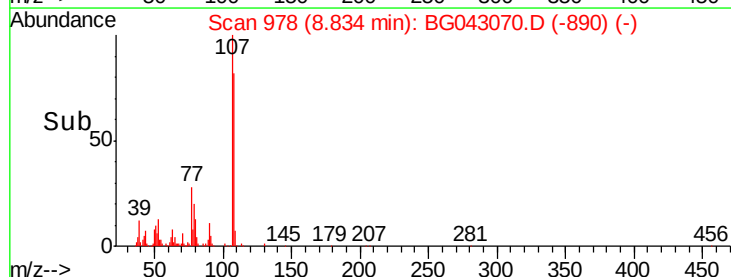
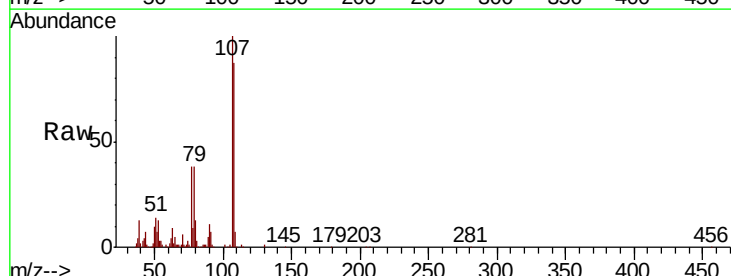
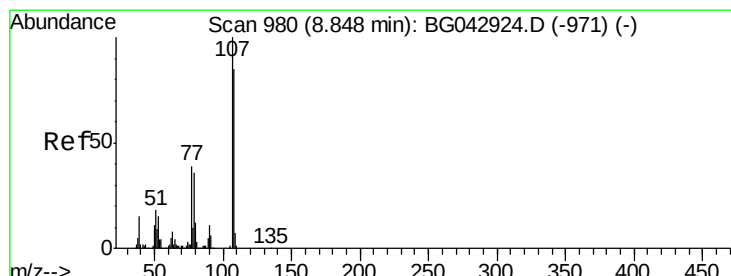
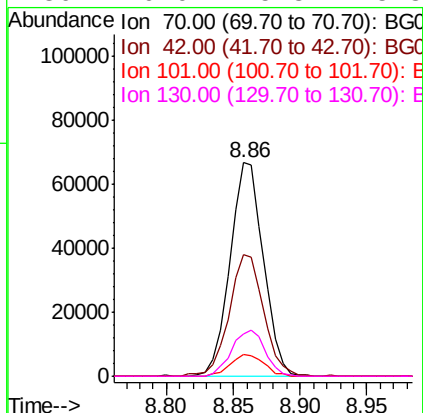




#19
n-Nitroso-di-n-propylamine
Concen: 43.963 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

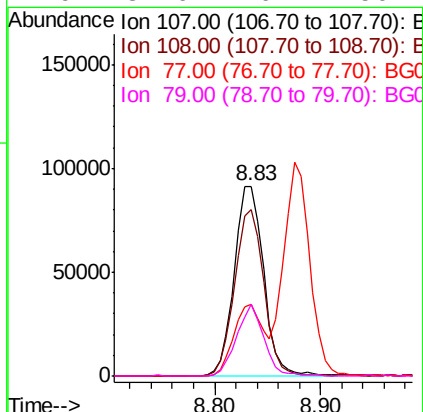
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

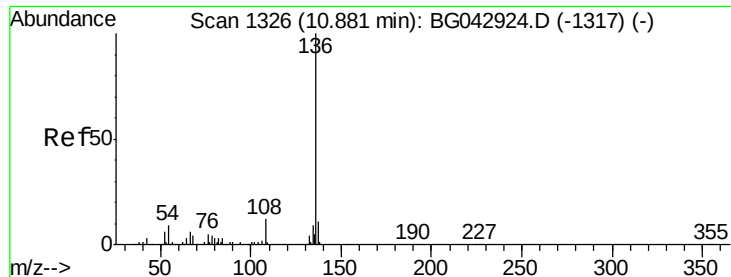
Tot Ion: 70 Resp: 115772
Ion Ratio Lower Upper
70 100
42 56.7 52.6 79.0
101 10.2 8.7 13.1
130 20.0 15.8 23.8



#20
3+4-Methylphenols
Concen: 49.994 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion: 107 Resp: 176390
Ion Ratio Lower Upper
107 100
108 87.4 64.9 104.9
77 37.7 19.4 59.4
79 37.6 16.2 56.2

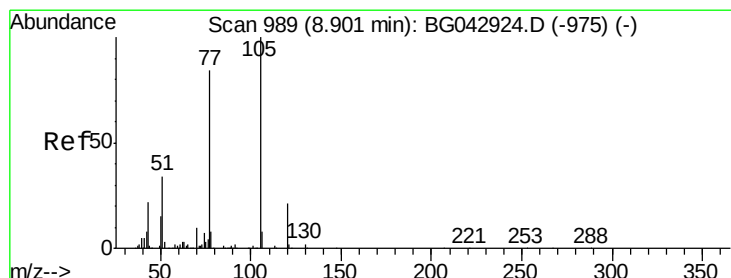
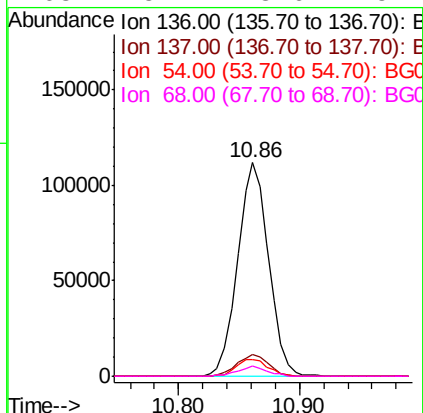
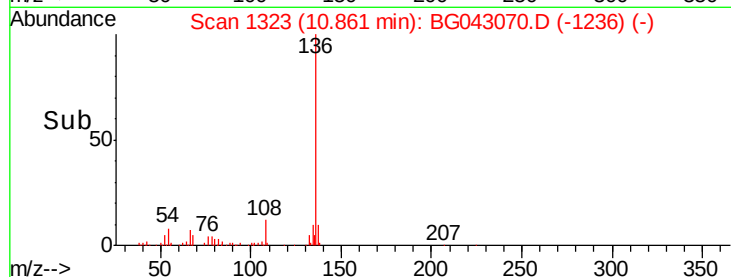
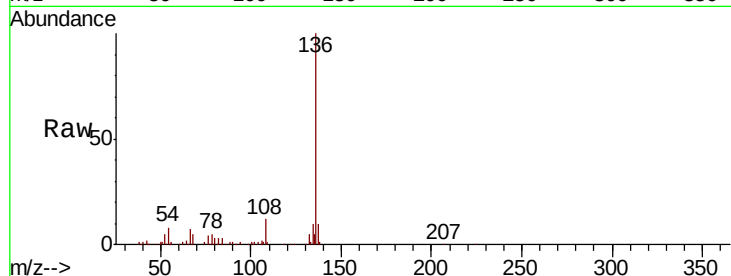




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

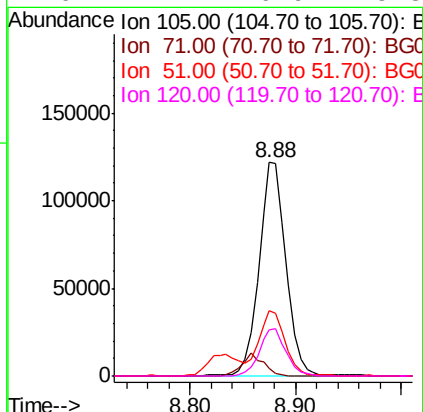
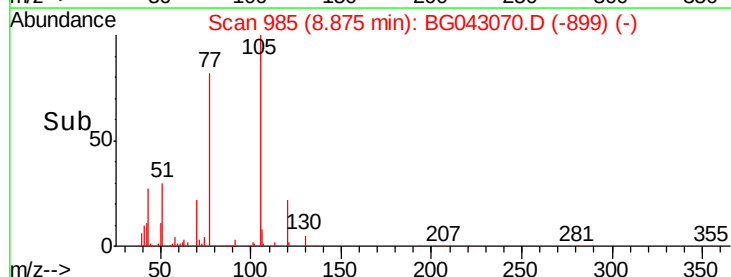
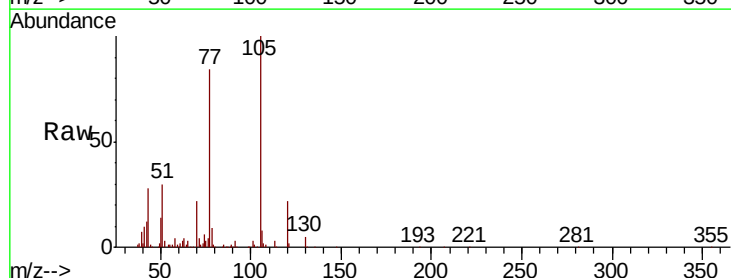
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

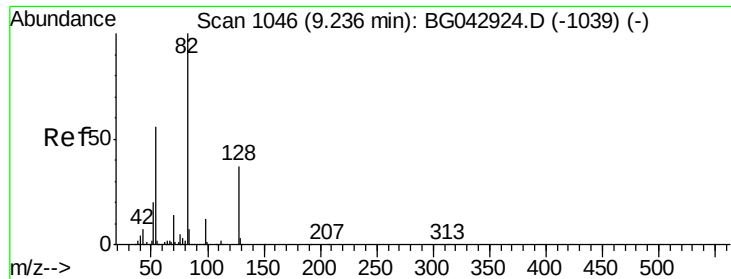
Tot Ion:136	Resp:	199264
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.5 12.7
54	8.1	7.4 11.2
68	5.1	3.6 5.4



#22
Acetophenone
Concen: 42.064 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:105	Resp:	216058
Ion	Ratio	Lower Upper
105	100	
71	3.8	1.2 1.8#
51	30.5	27.2 40.8
120	21.7	16.9 25.3

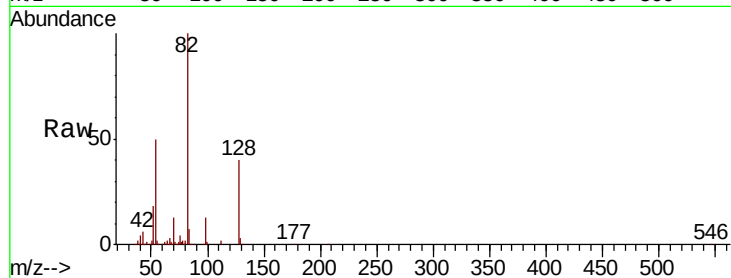




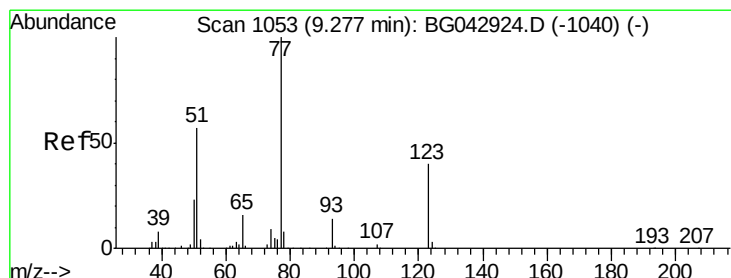
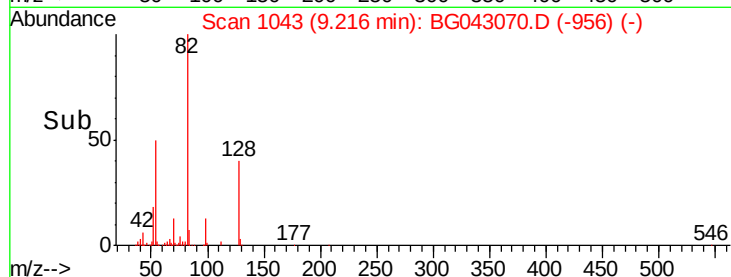
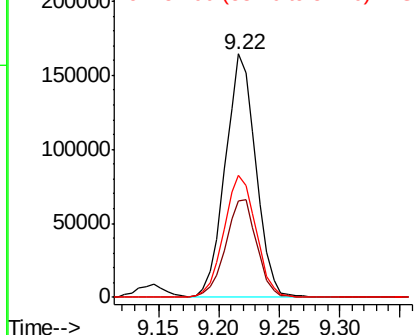
#23
Nitrobenzene-d5
Concen: 70.219 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion: 82 Resp: 287872
Ion Ratio Lower Upper
82 100
128 39.6 29.5 44.3
54 50.2 44.6 67.0

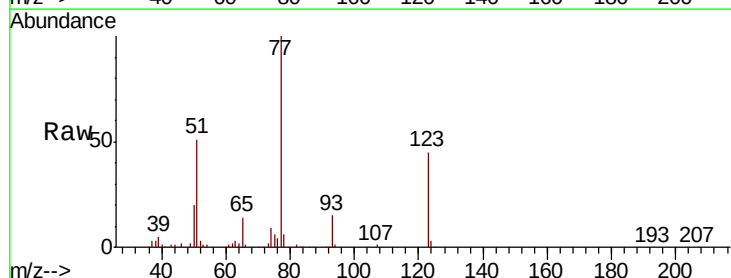


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

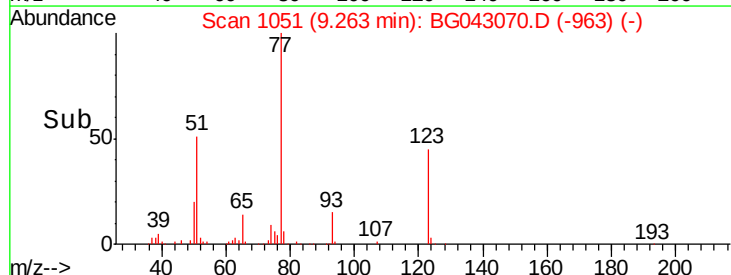
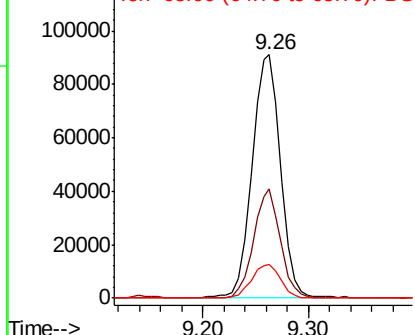


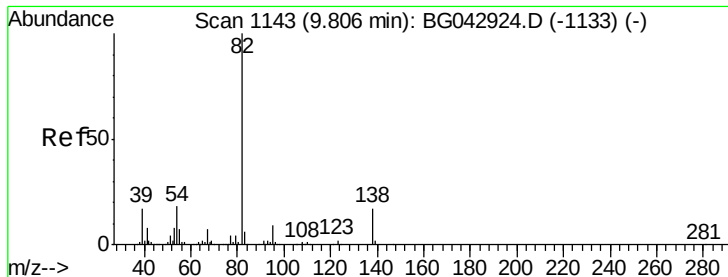
#24
Nitrobenzene
Concen: 43.569 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion: 77 Resp: 170374
Ion Ratio Lower Upper
77 100
123 45.1 31.9 47.9
65 13.7 12.4 18.6



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





#25

Isophorone

Concen: 45.349 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

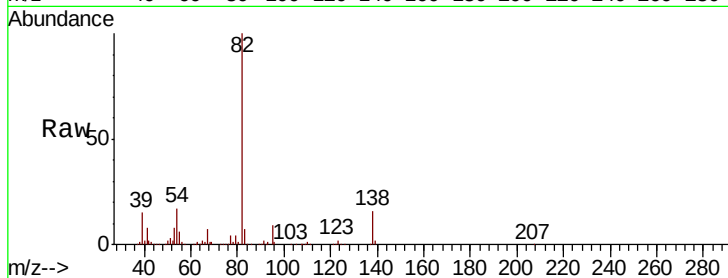
Tot Ion: 82 Resp: 326567

Ion Ratio Lower Upper

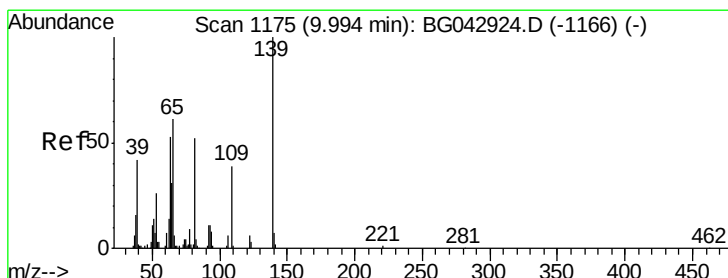
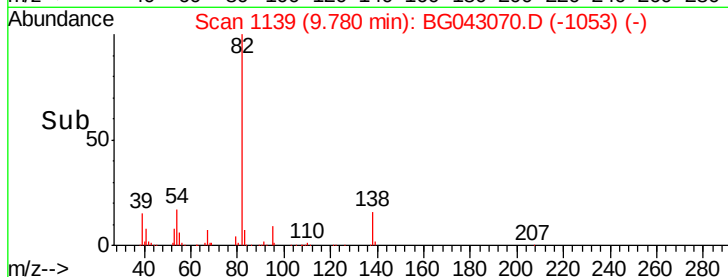
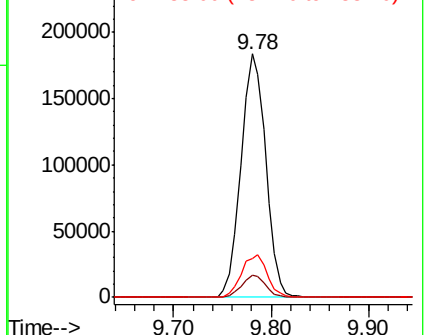
82 100

95 9.0 7.0 10.4

138 16.1 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.142 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

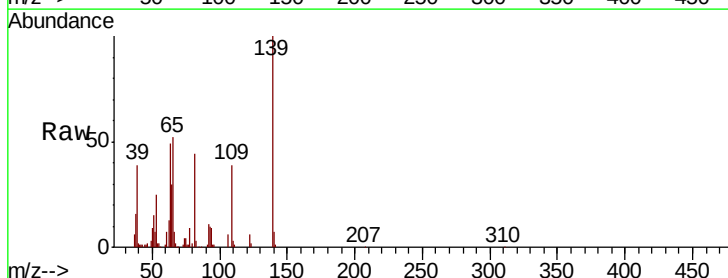
Tgt Ion: 139 Resp: 83469

Ion Ratio Lower Upper

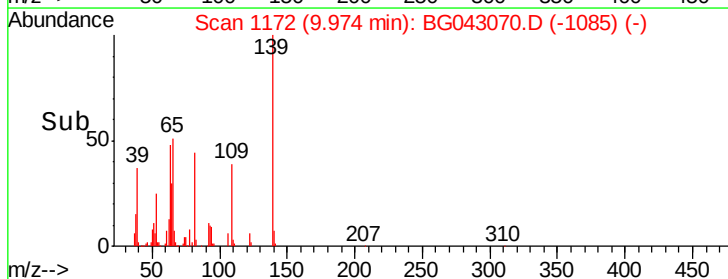
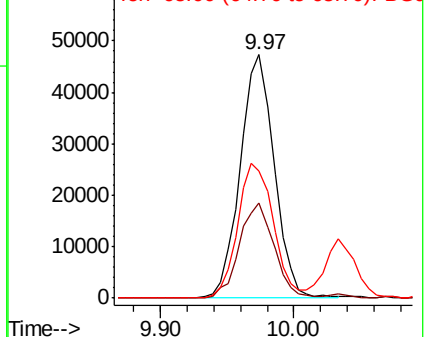
139 100

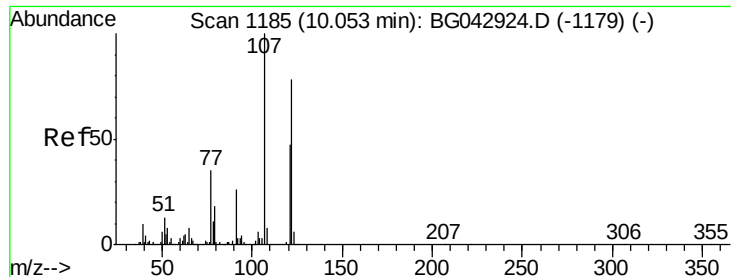
109 38.9 31.0 46.6

65 52.1 48.4 72.6



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

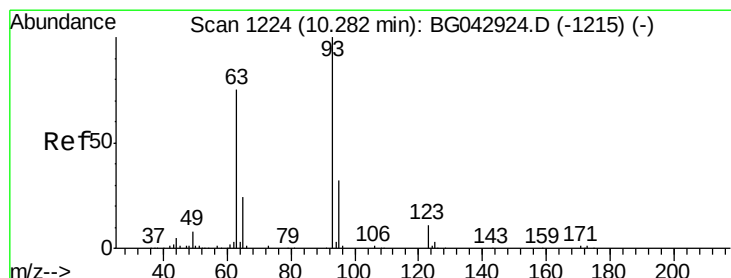
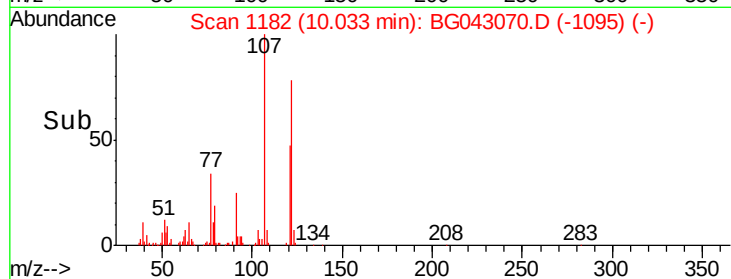
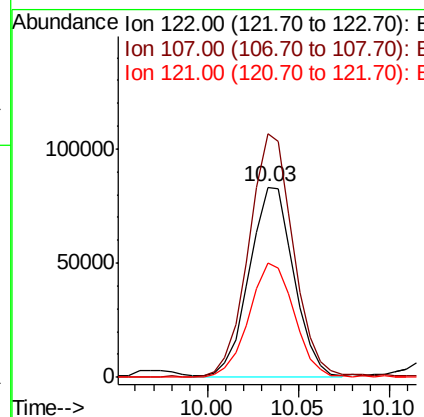
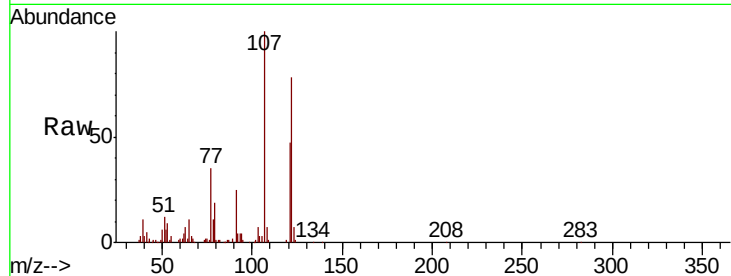




#27
 2,4-Dimethylphenol
 Concen: 55.252 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

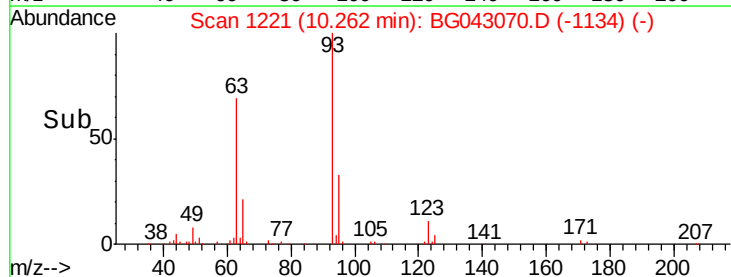
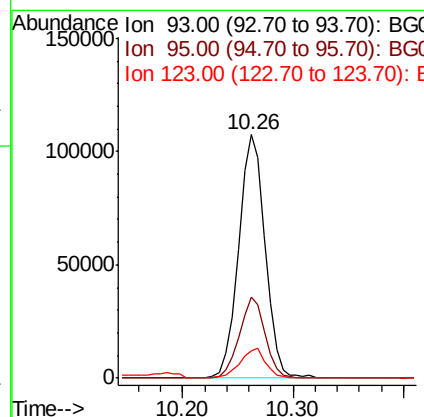
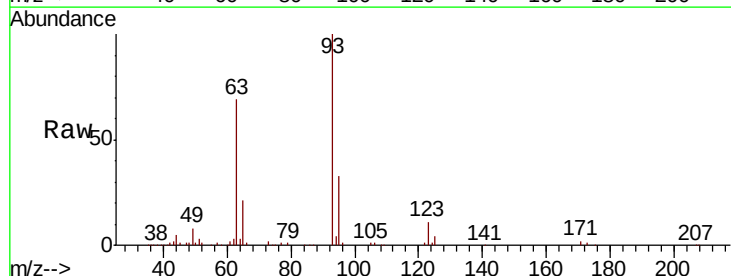
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

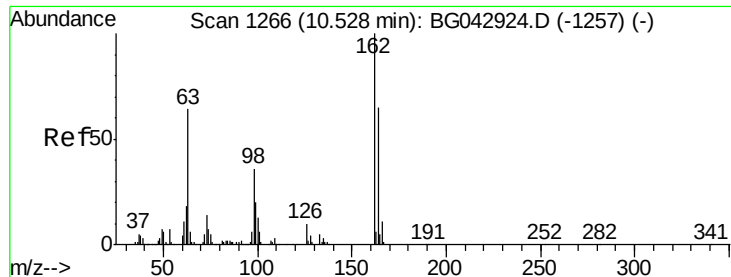
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.0	102.2	153.2
121	60.0	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.238 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	11.3	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 51.779 ng

RT: 10.51 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

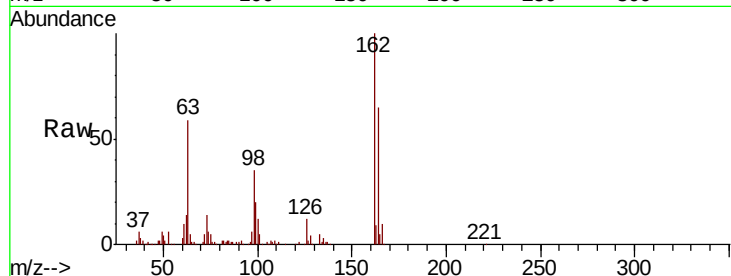
Tot Ion:162 Resp: 164630

Ion Ratio Lower Upper

162 100

164 64.9 44.7 84.7

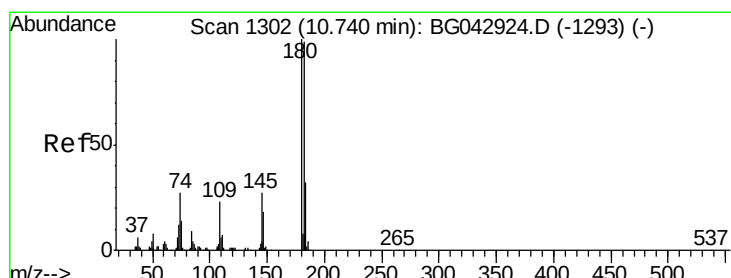
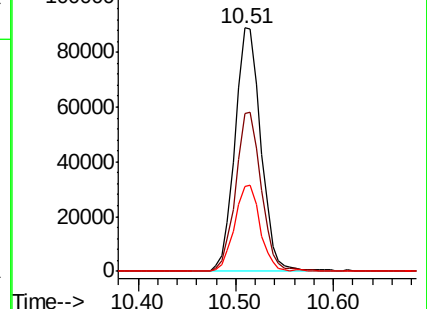
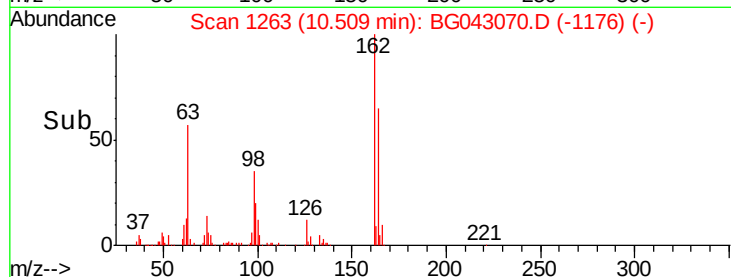
98 35.0 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.761 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

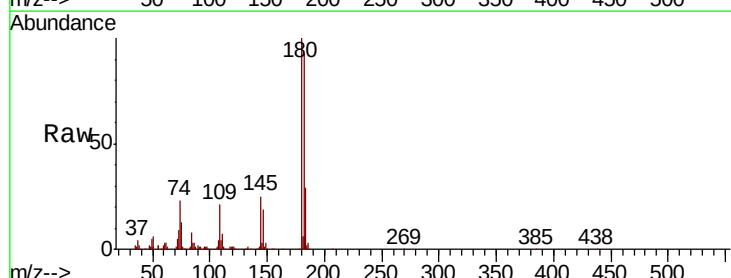
Tgt Ion:180 Resp: 175572

Ion Ratio Lower Upper

180 100

182 93.1 79.3 118.9

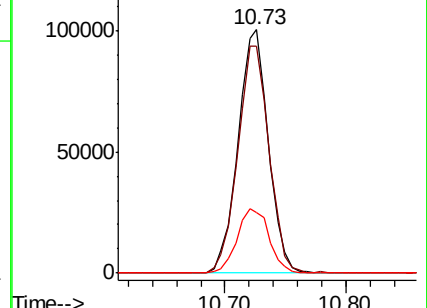
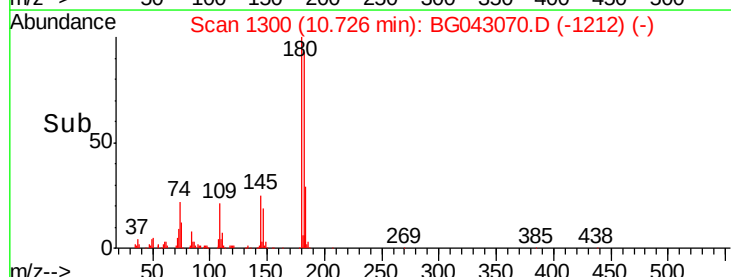
145 24.8 22.0 33.0

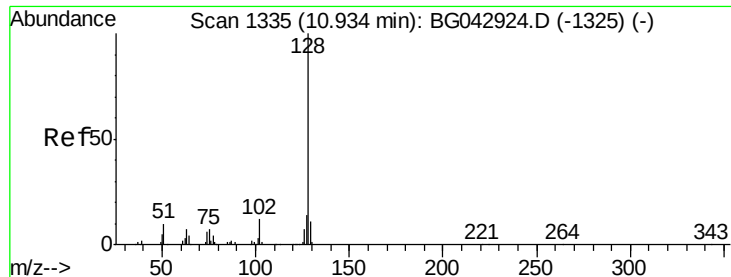


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

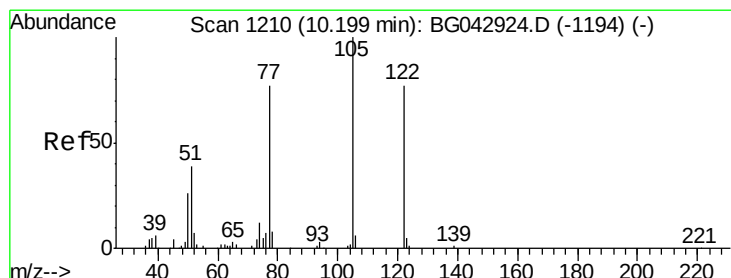
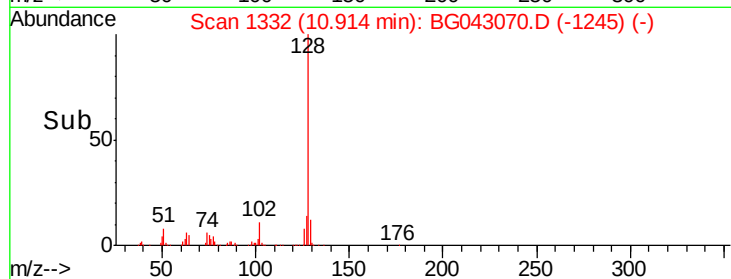
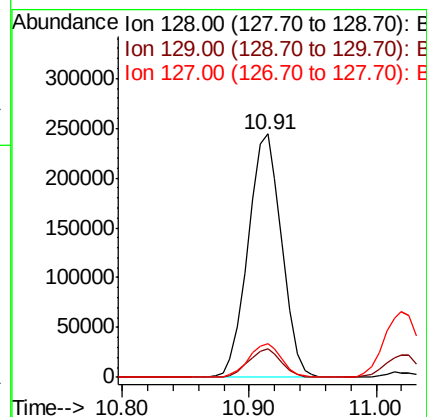
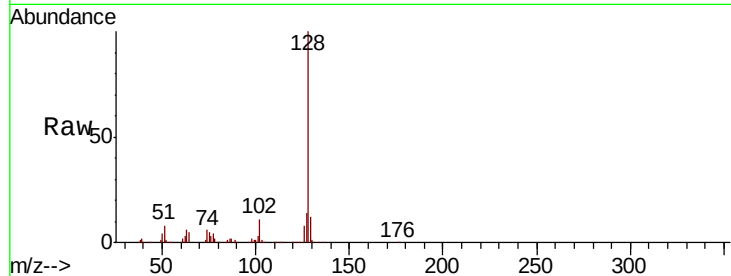




#31
Naphthalene
Concen: 45.740 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

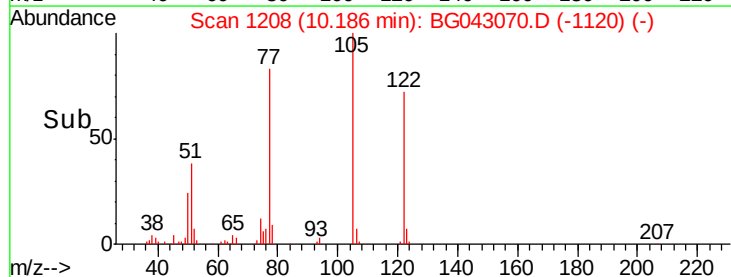
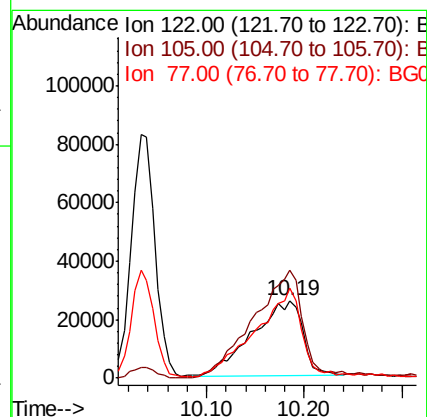
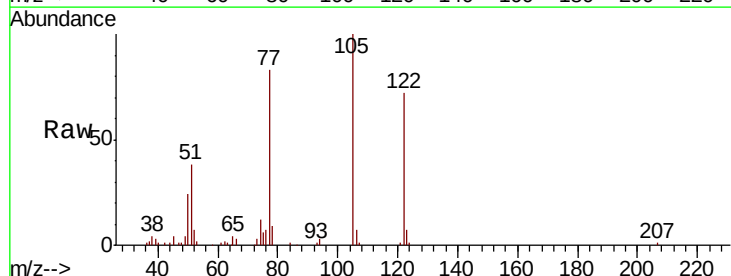
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

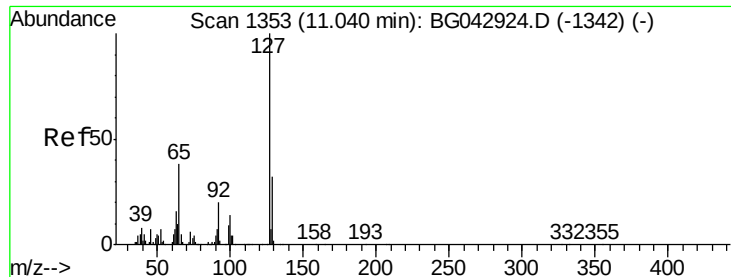
Tot Ion:128 Resp: 448669
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 46.840 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:122 Resp: 92740
Ion Ratio Lower Upper
122 100
105 138.4 107.5 147.5
77 115.3 79.8 119.8

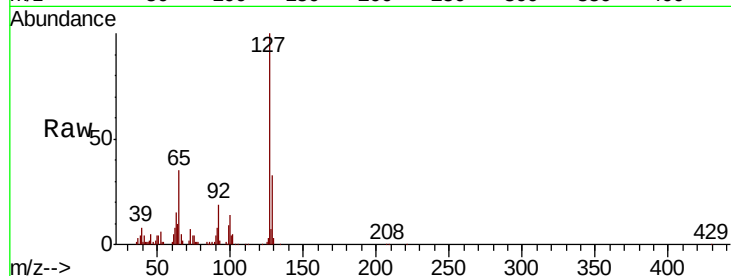




#33
4-Chloroaniline
Concen: 31.734 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:	127	Resp:	135073
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	35.3	30.6	45.8
92	19.1	16.2	24.4



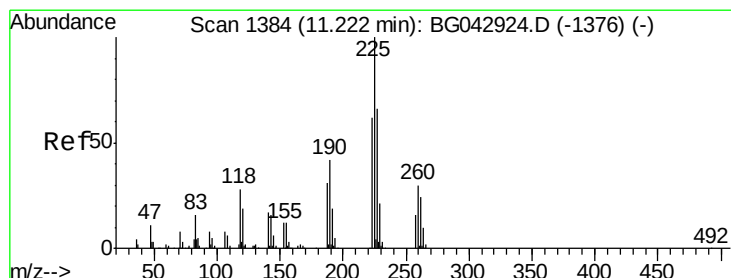
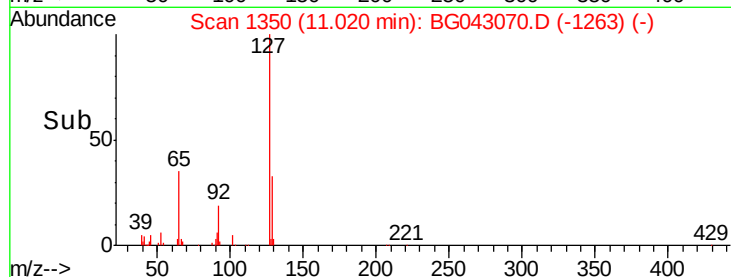
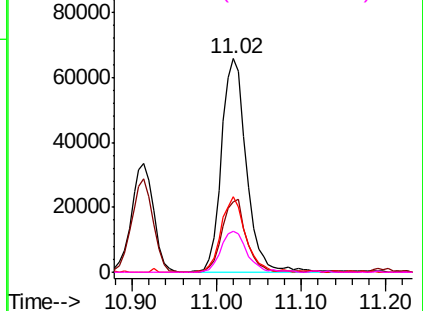
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

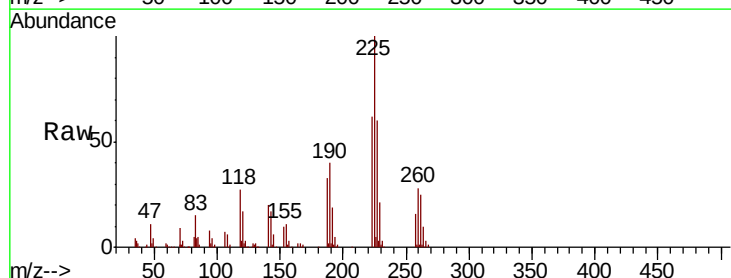
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.612 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:	225	Resp:	121780
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.3	73.9
227	60.3	52.8	79.2

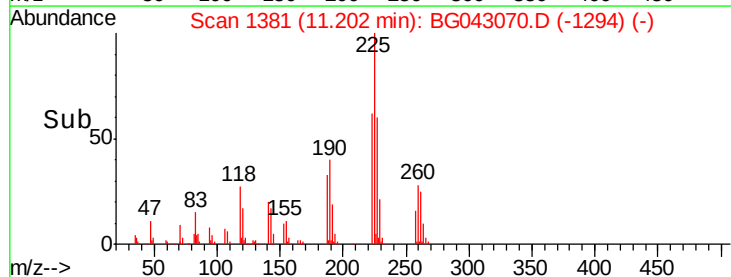
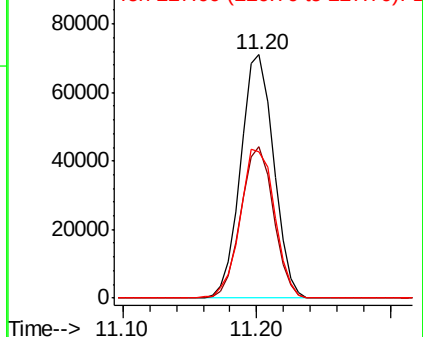


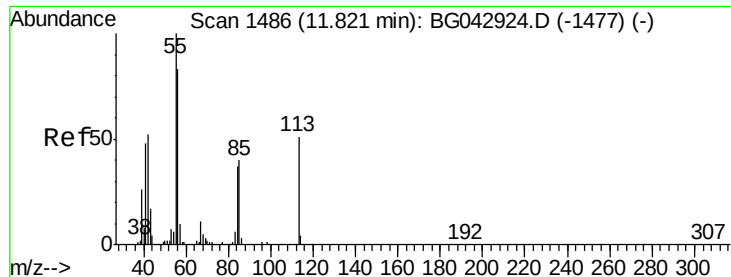
Abundance

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

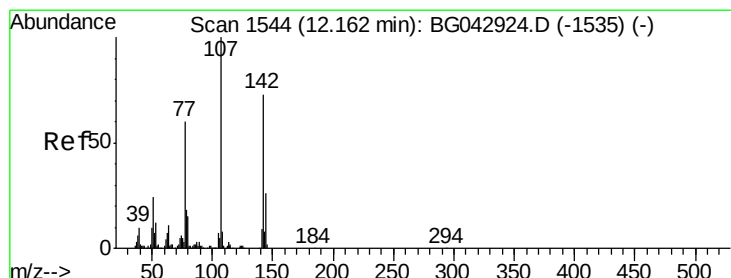
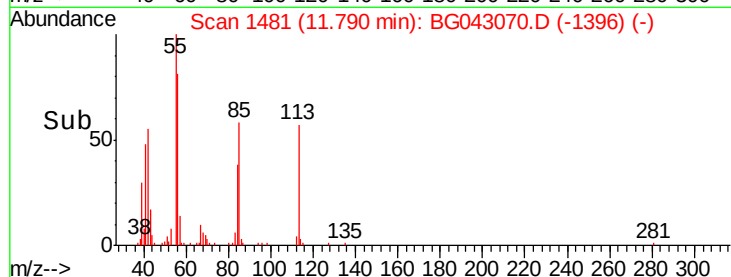
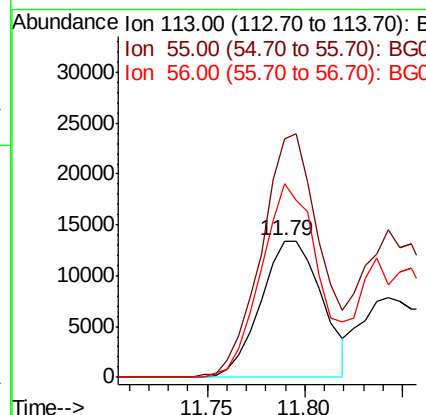
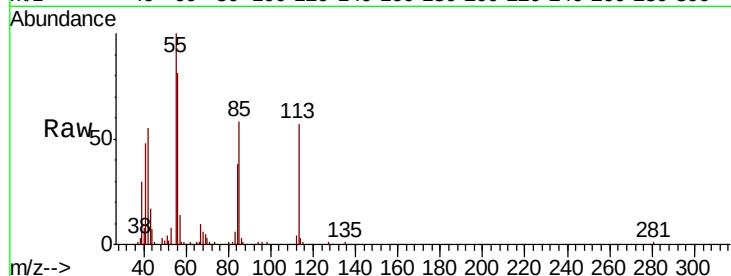




#35
 Caprolactam
 Concen: 25.939 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.03 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

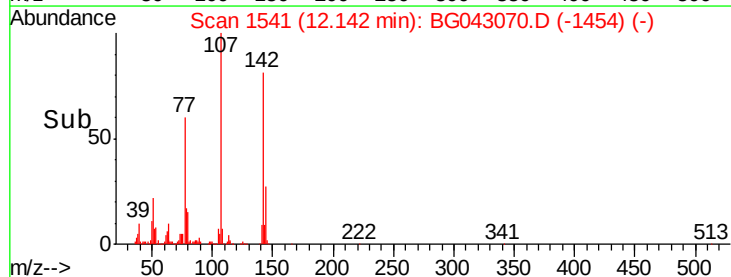
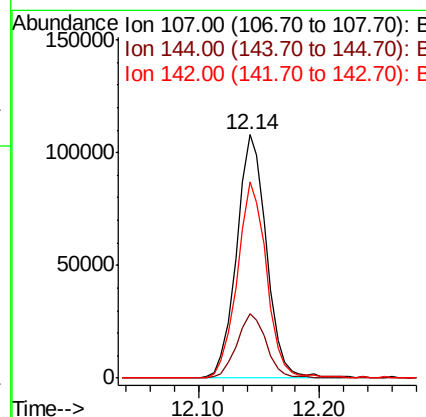
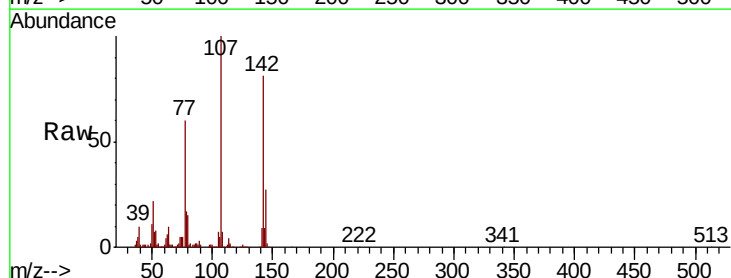
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

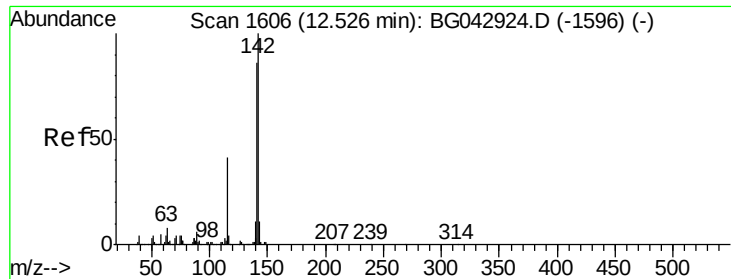
Tot Ion:113 Resp: 29084
 Ion Ratio Lower Upper
 113 100
 55 174.8 175.5 215.5#
 56 142.1 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 53.852 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion:107 Resp: 186165
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 80.6 58.6 87.8

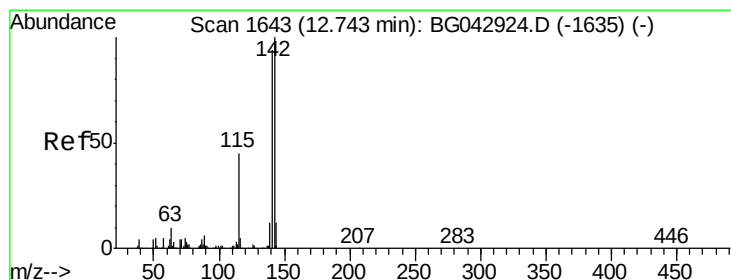
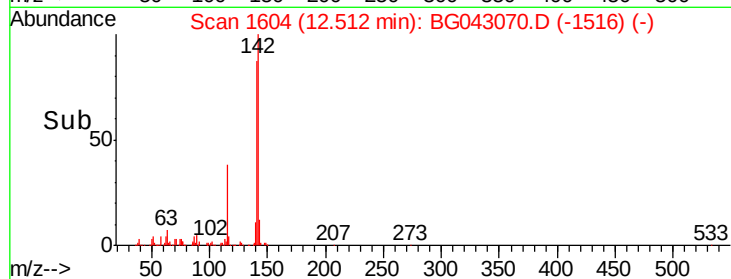
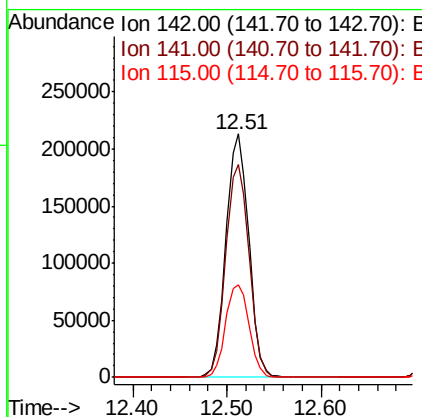
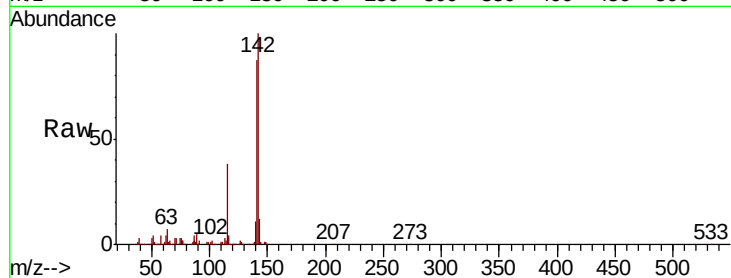




#37
2-Methylnaphthalene
Concen: 48.063 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

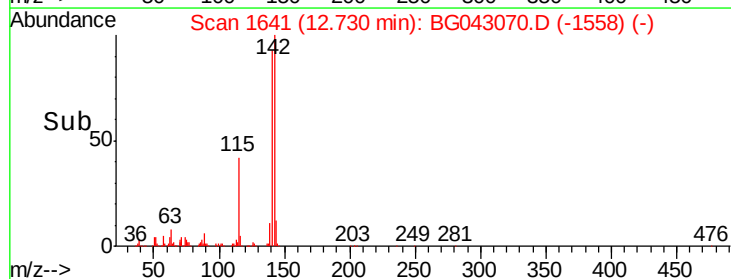
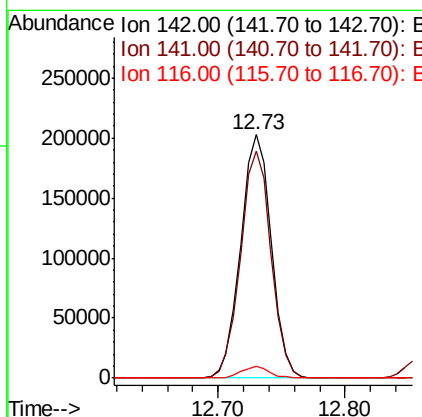
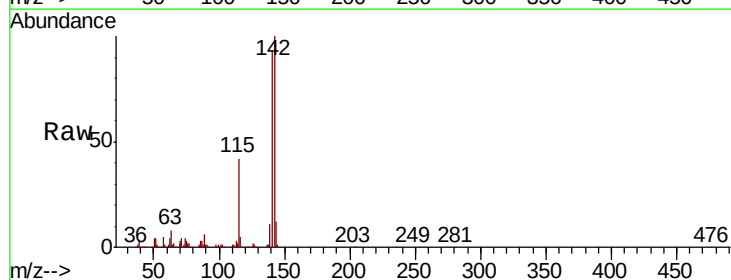
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

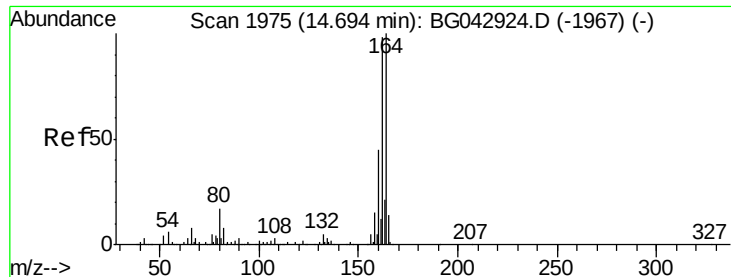
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.0	103.4
115	38.1	32.8	49.2



#38
1-Methylnaphthalene
Concen: 47.981 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3
116	5.0	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

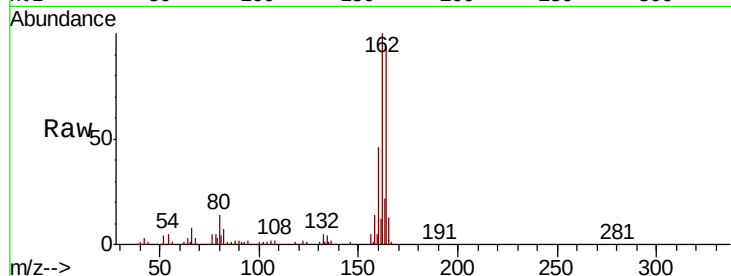
Tot Ion:164 Resp: 156297

Ion Ratio Lower Upper

164 100

162 105.9 78.5 117.7

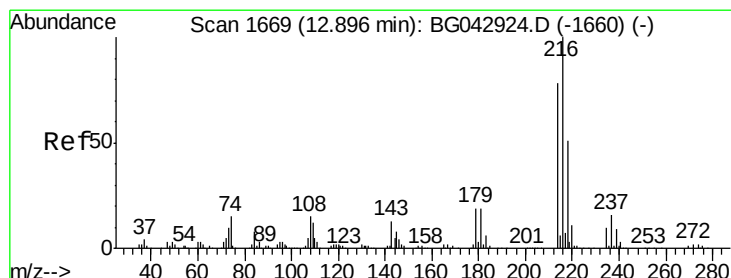
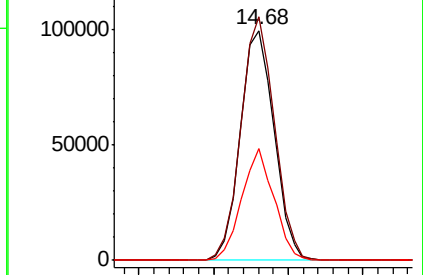
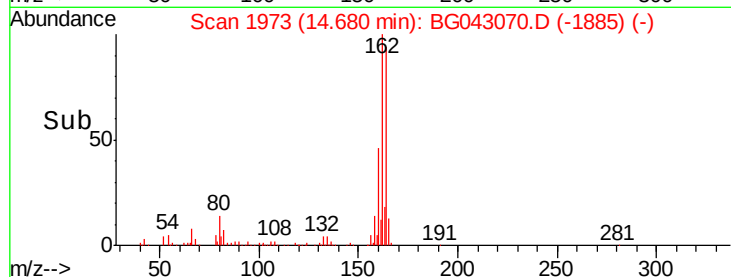
160 48.8 35.9 53.9



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: 39.581 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:216 Resp: 232601

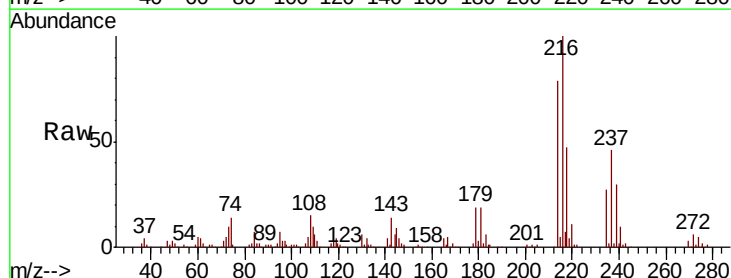
Ion Ratio Lower Upper

216 100

214 79.1 62.4 93.6

179 19.8 15.4 23.2

108 16.8 12.6 19.0

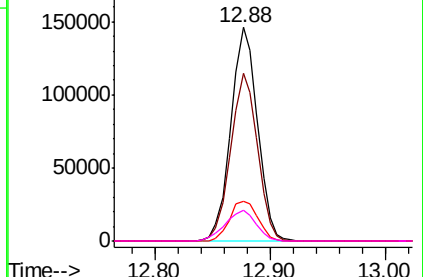
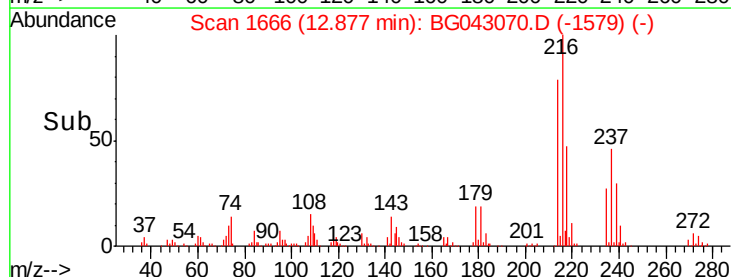


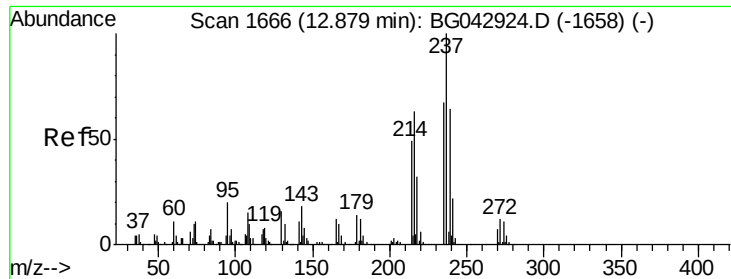
Abundance Ion 216.00 (215.70 to 216.70): E

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

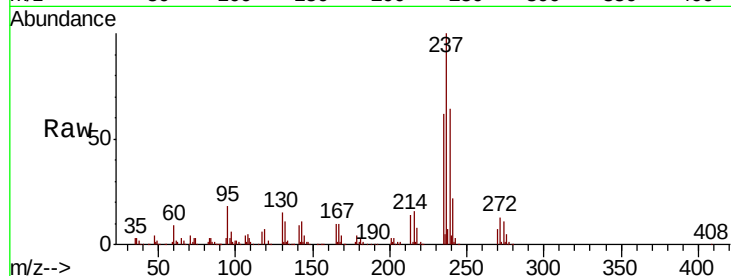




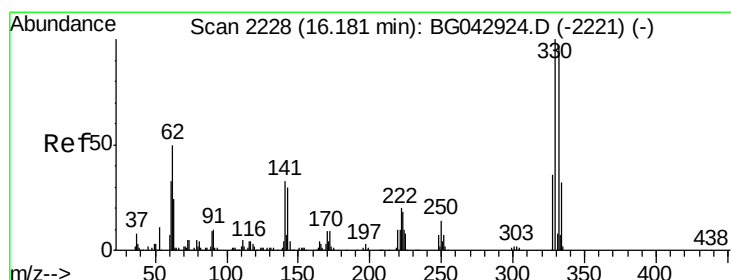
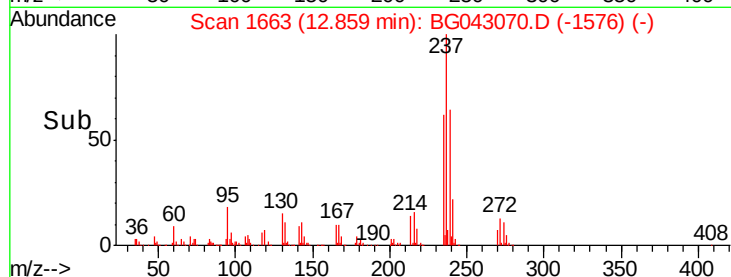
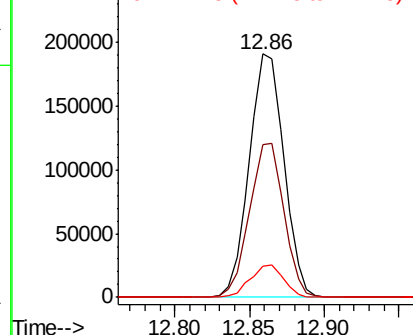
#41
Hexachlorocyclopentadiene
Concen: 81.943 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:237 Resp: 306822
Ion Ratio Lower Upper
237 100
235 62.5 46.7 86.7
272 12.6 0.0 32.3

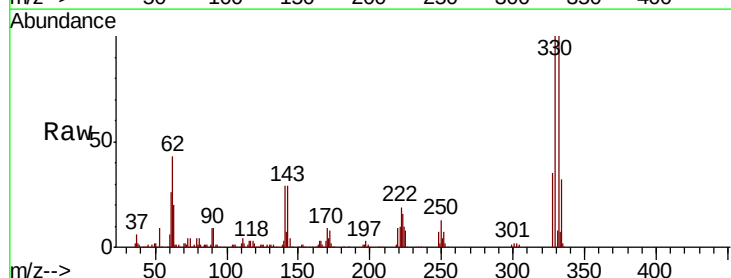


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

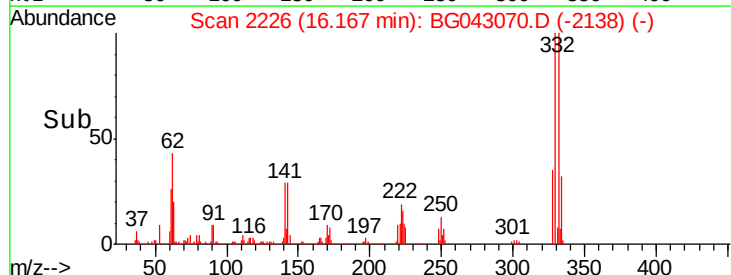
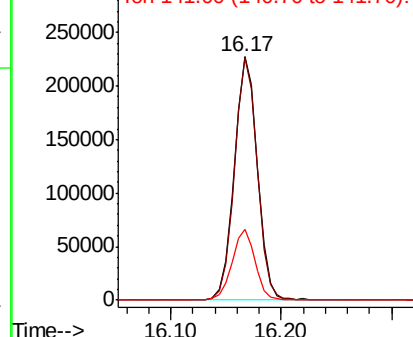


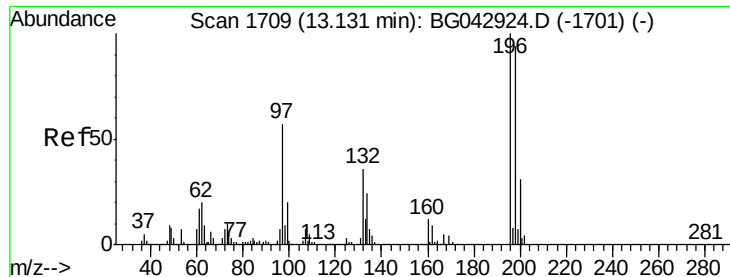
#42
2,4,6-Tribromophenol
Concen: 124.347 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:330 Resp: 334197
Ion Ratio Lower Upper
330 100
332 98.3 78.2 117.2
141 28.8 26.0 39.0



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

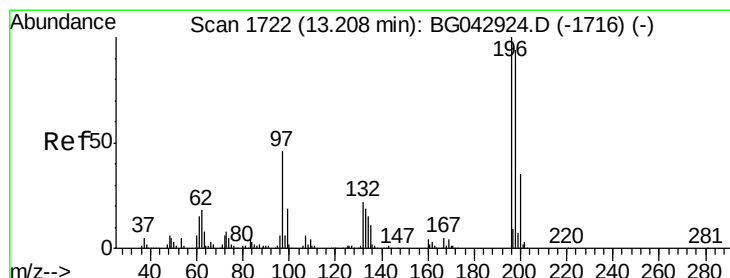
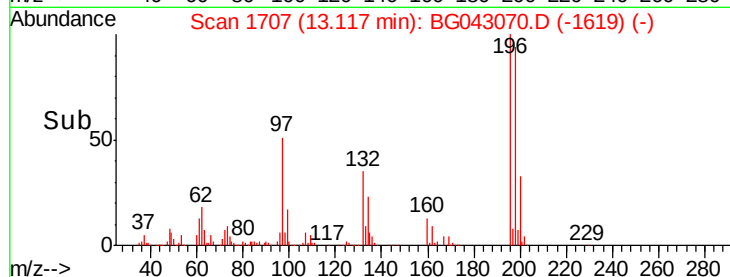
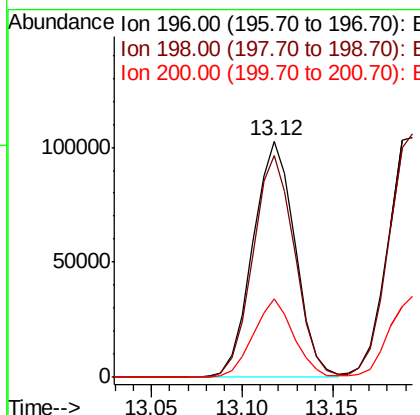
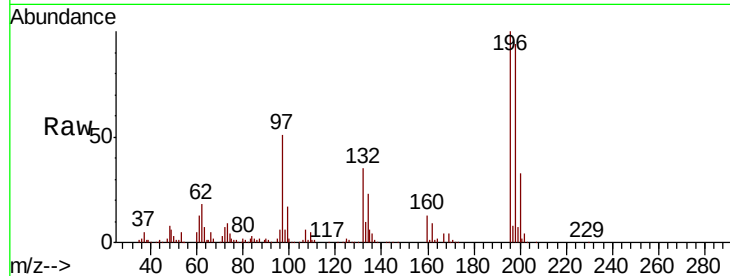




#43
 2,4,6-Trichlorophenol
 Concen: 48.276 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

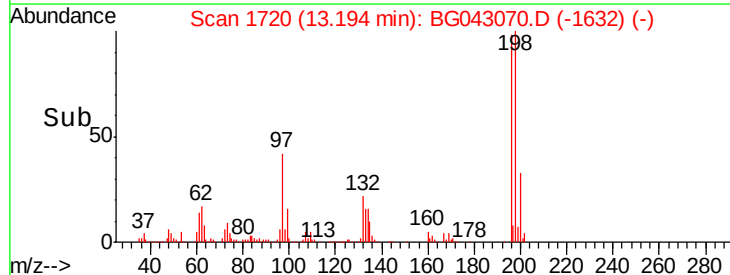
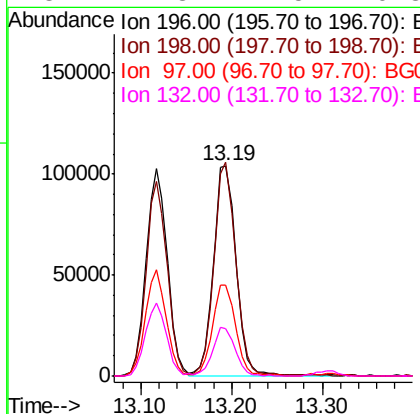
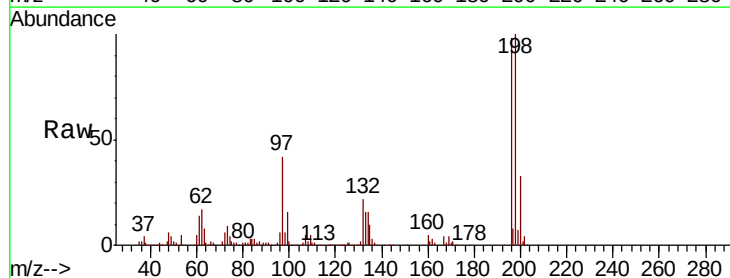
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

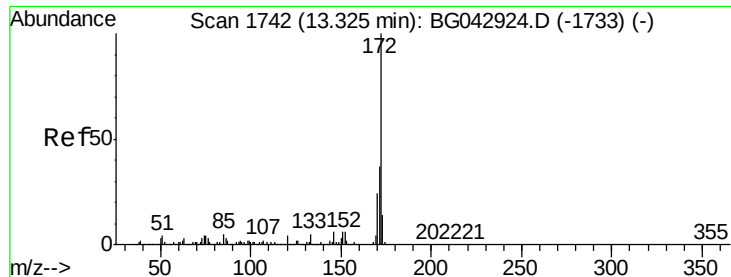
Tot Ion:196 Resp: 166052
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.5 113.3
 200 33.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.570 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion:196 Resp: 179186
 Ion Ratio Lower Upper
 196 100
 198 101.7 75.1 112.7
 97 43.2 37.0 55.4
 132 22.3 17.5 26.3

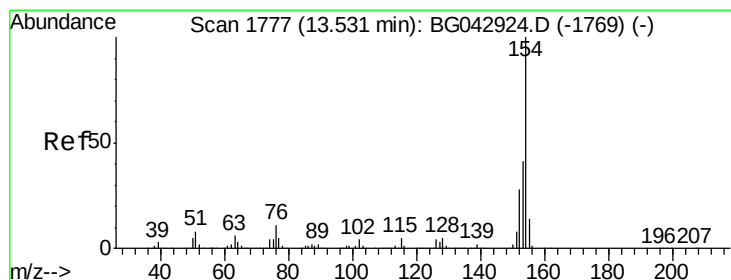
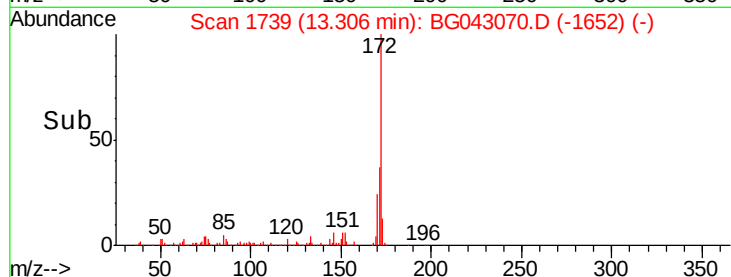
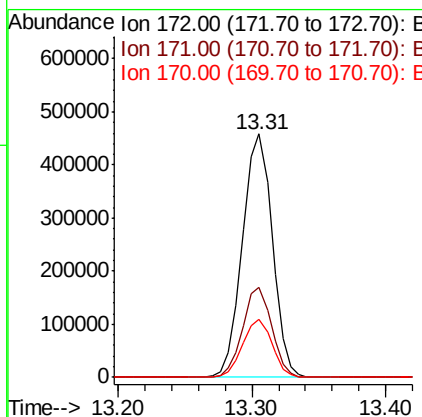
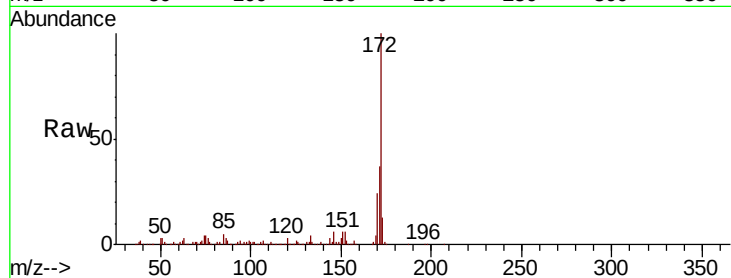




#45
2-Fluorobiphenyl
Concen: 65.846 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

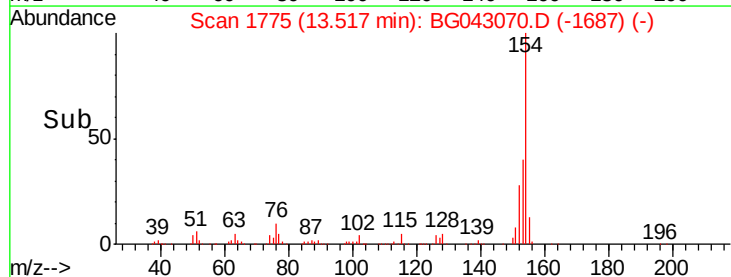
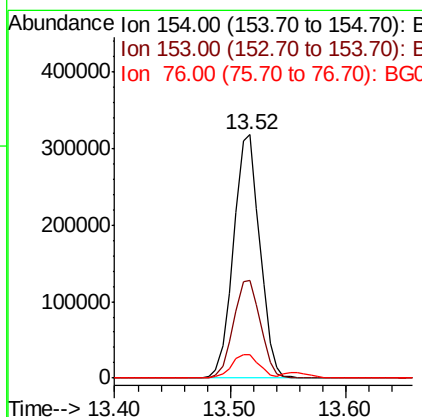
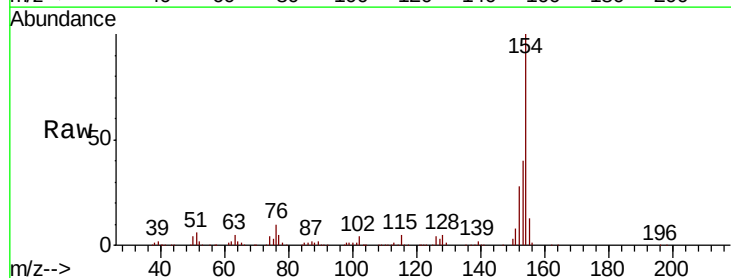
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

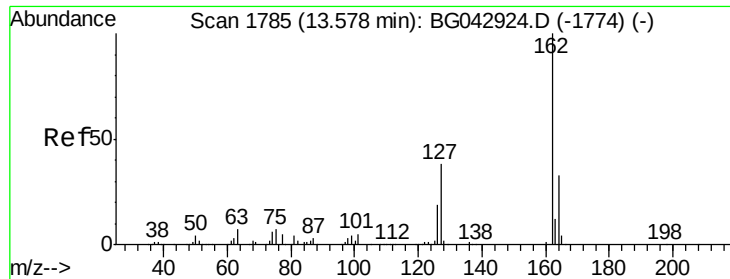
Tot Ion:172 Resp: 709908
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 42.264 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:154 Resp: 500946
Ion Ratio Lower Upper
154 100
153 40.2 21.4 61.4
76 9.6 0.0 31.3

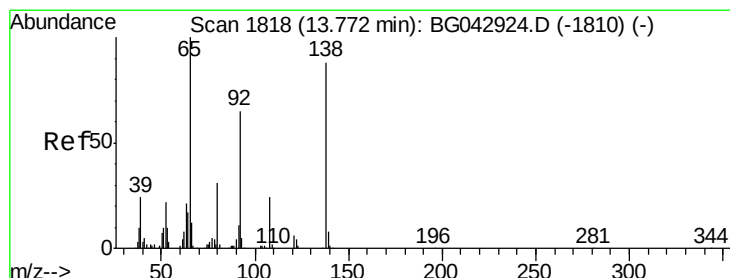
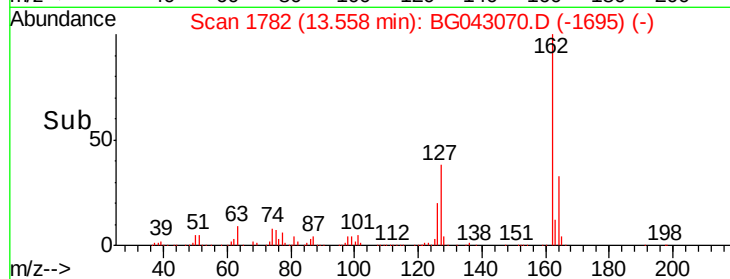
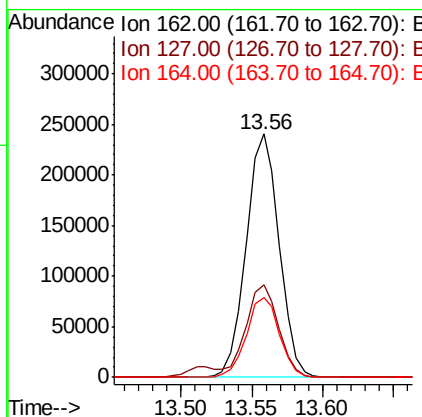
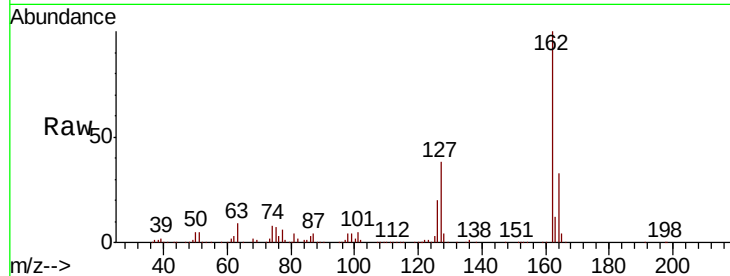




#47
2-Chloronaphthalene
Concen: 44.316 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

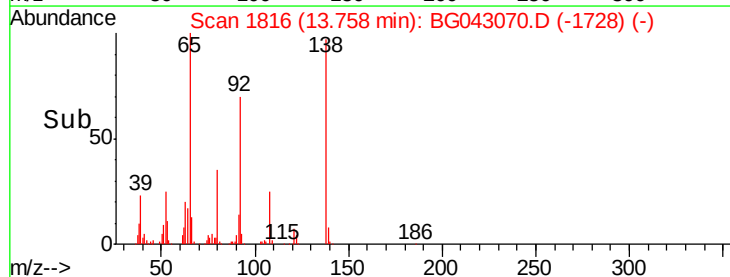
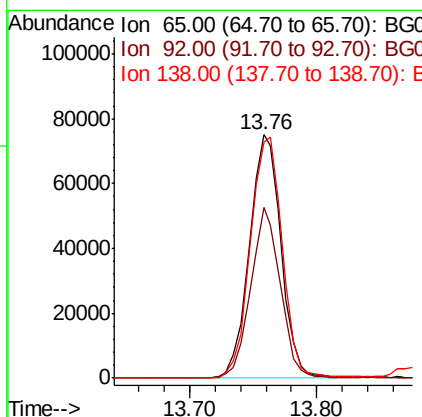
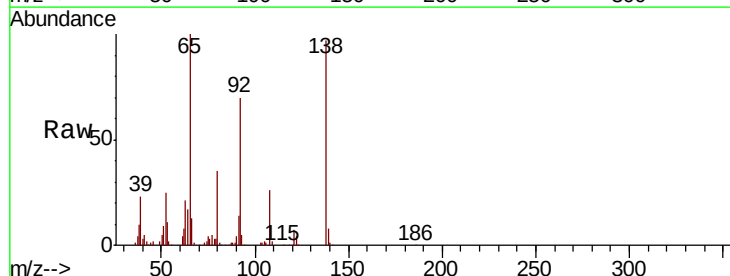
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

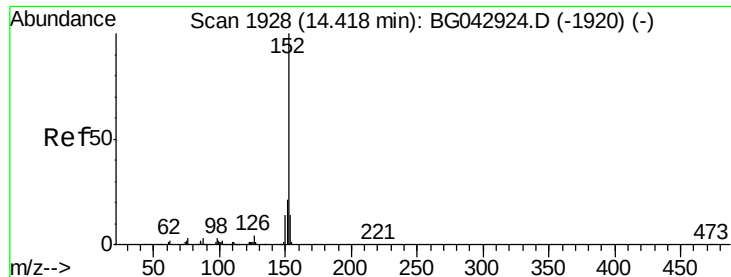
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	33.0	26.2	39.2



#48
2-Nitroaniline
Concen: 44.038 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	52.0	78.0
138	97.0	70.4	105.6





#49

Acenaphthylene

Concen: 47.449 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

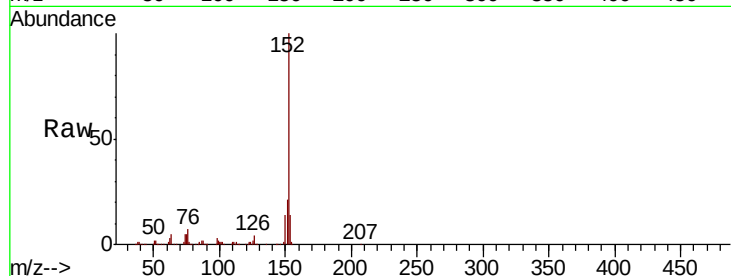
Tot Ion:152 Resp: 645199

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 13.7 11.3 16.9

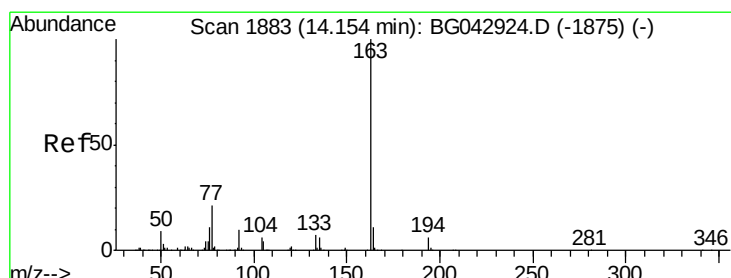
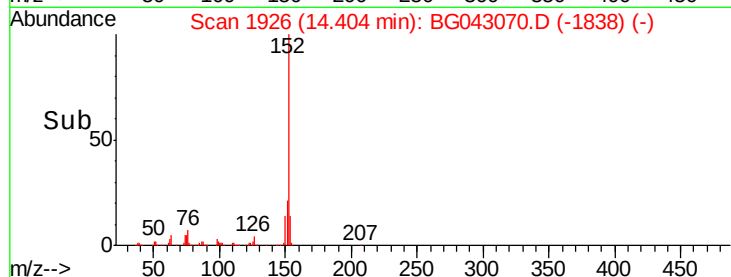
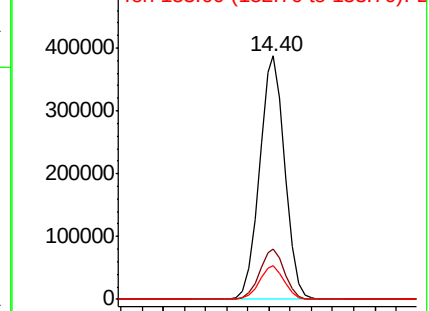


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.304 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

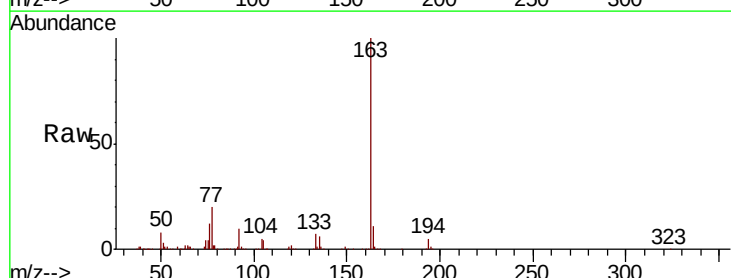
Tgt Ion:163 Resp: 671069

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

164 10.6 8.6 12.8

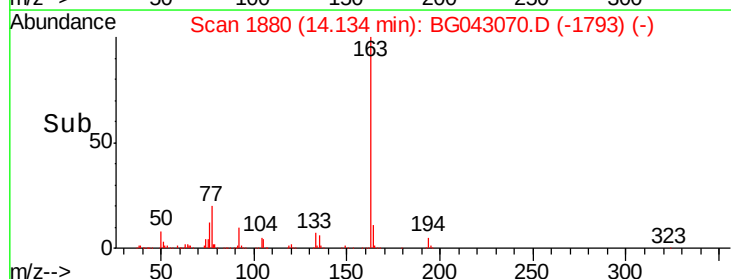
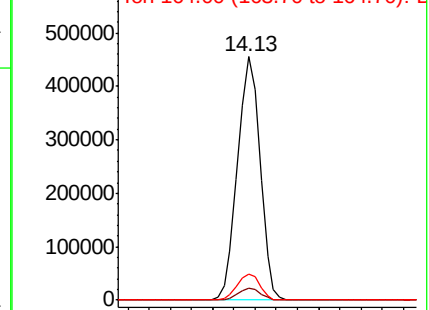


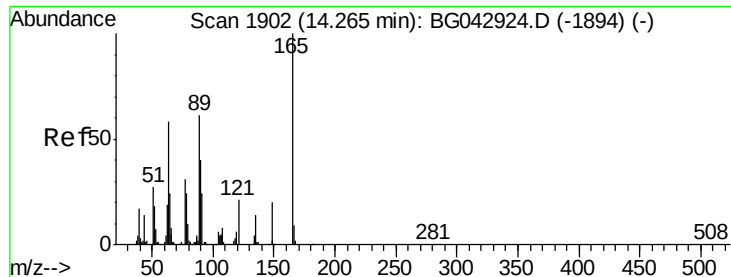
Abundance

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

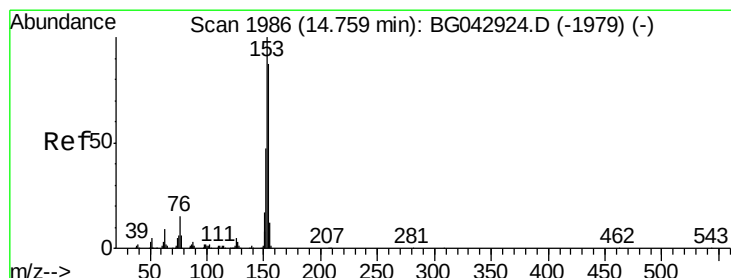
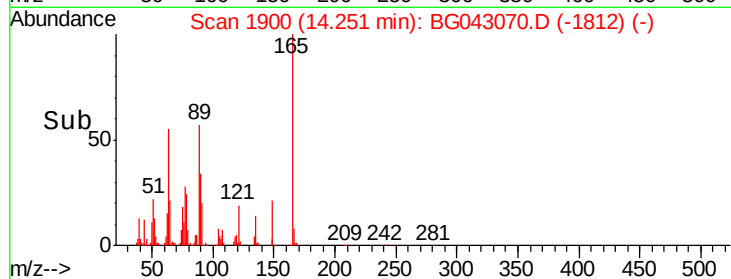
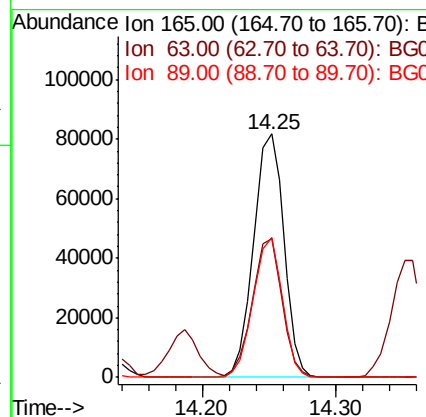
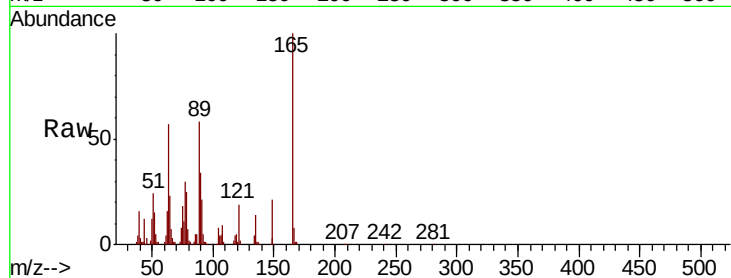




#51
 2,6-Dinitrotoluene
 Concen: 51.380 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

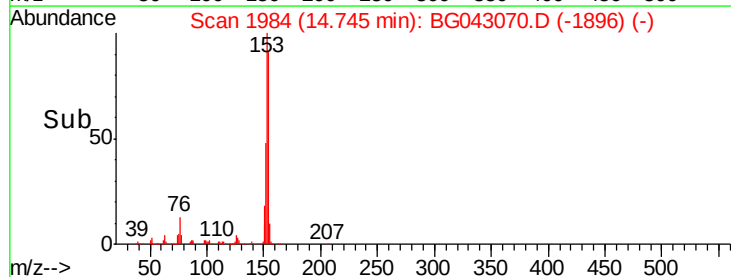
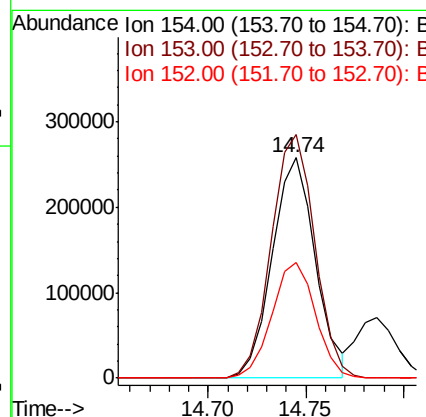
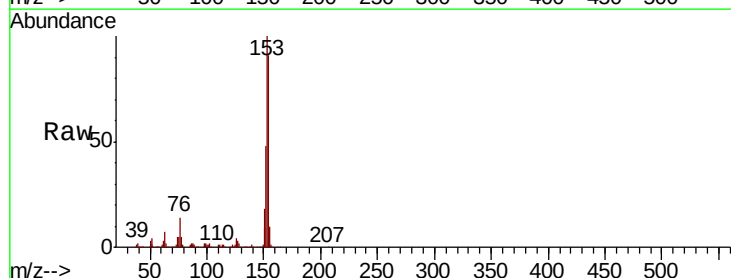
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

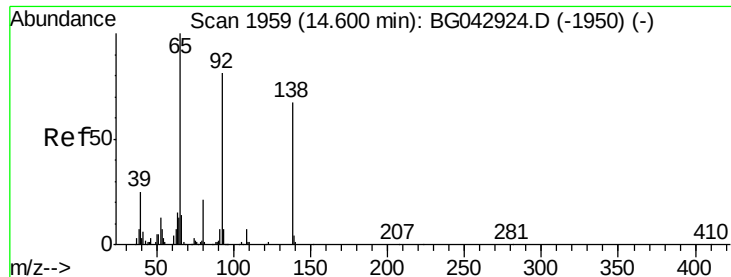
Tot Ion:165 Resp: 128136
 Ion Ratio Lower Upper
 165 100
 63 56.9 50.3 75.5
 89 57.6 48.9 73.3



#52
 Acenaphthene
 Concen: 43.369 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion:154 Resp: 394727
 Ion Ratio Lower Upper
 154 100
 153 110.4 91.4 137.0
 152 52.6 42.8 64.2





#53

3-Nitroaniline

Concen: 36.956 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

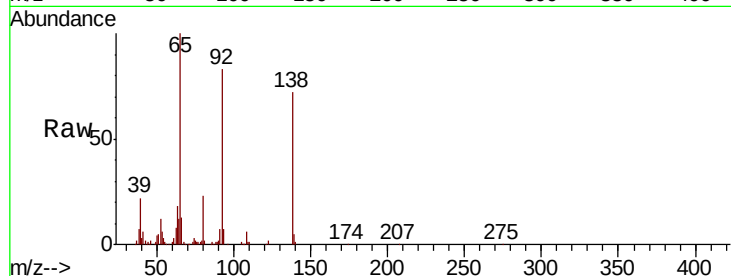
Tot Ion:138 Resp: 95246

Ion Ratio Lower Upper

138 100

108 8.2 7.9 11.9

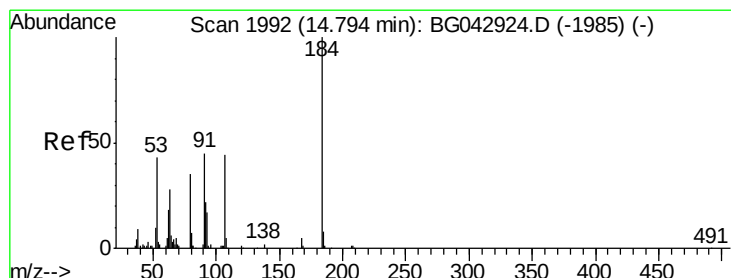
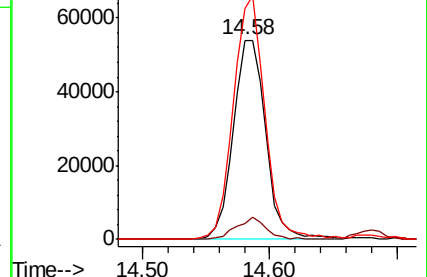
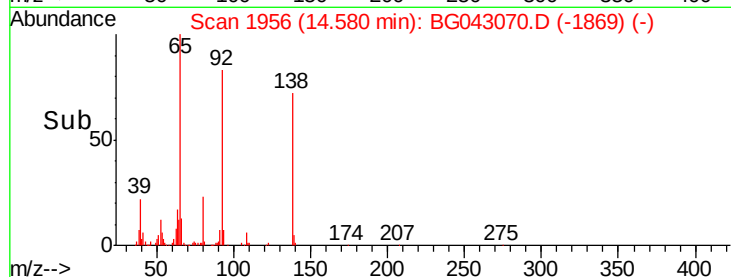
92 115.6 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 108.939 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

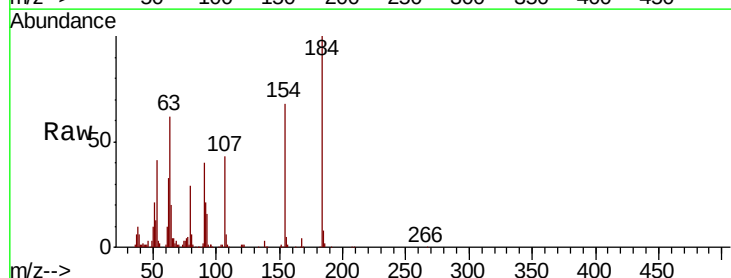
Tgt Ion:184 Resp: 168873

Ion Ratio Lower Upper

184 100

63 61.6 55.0 82.6

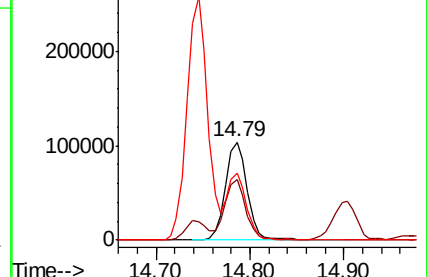
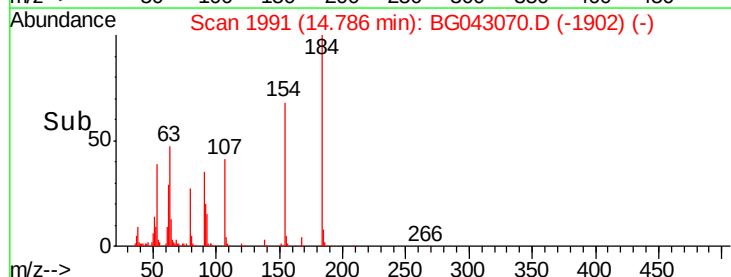
154 67.8 56.5 84.7

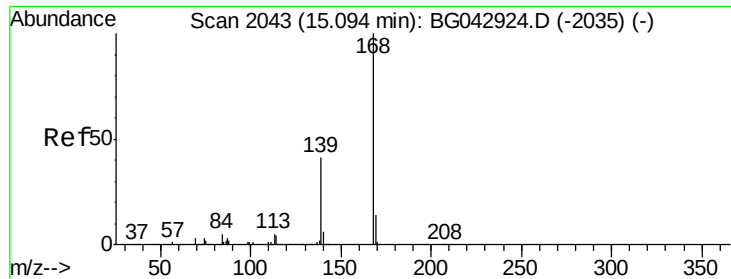


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

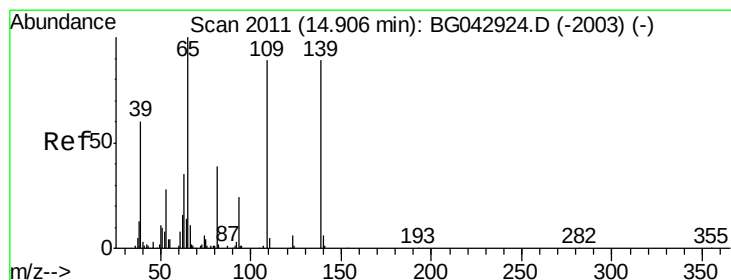
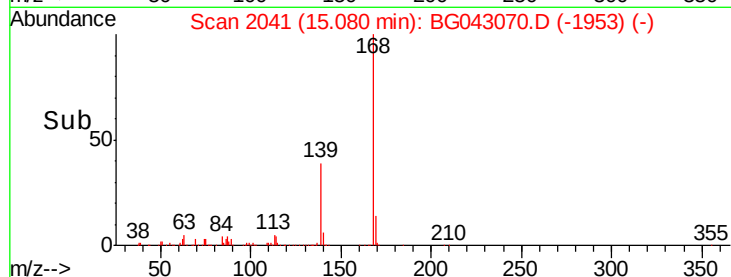
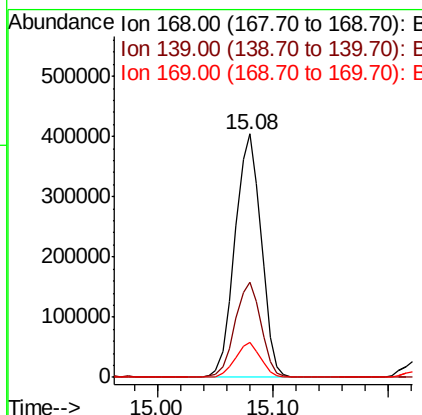
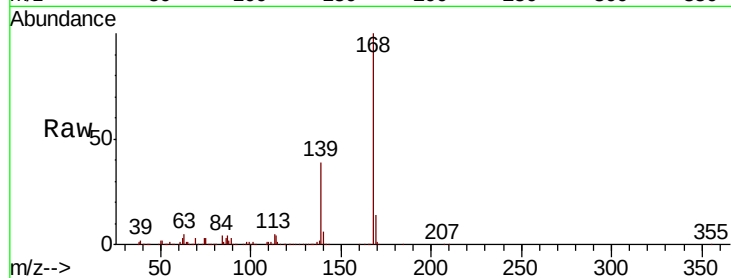




#55
Dibenzofuran
Concen: 47.198 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

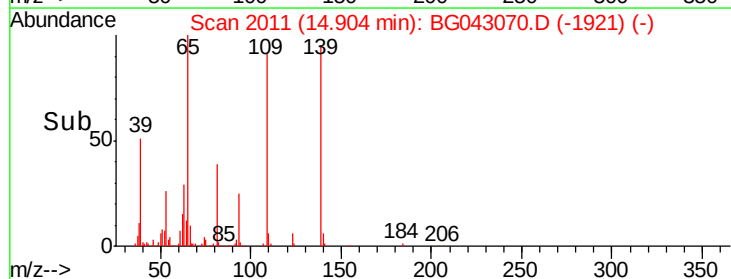
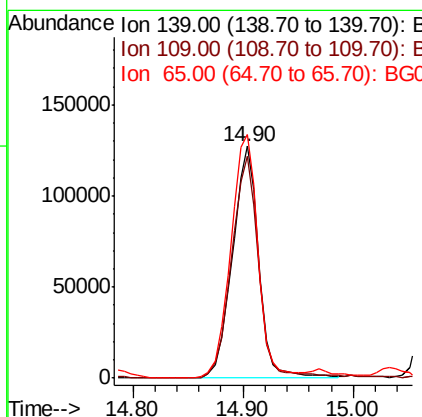
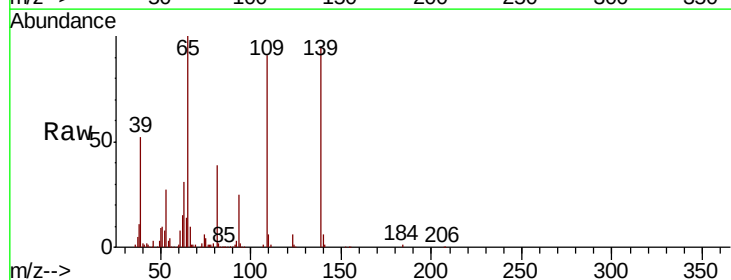
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

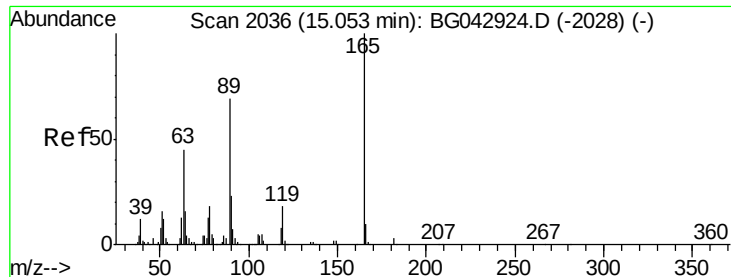
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.6	48.8
169	14.4	11.2	16.8



#56
4-Nitrophenol
Concen: 108.425 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	79.4	119.4
65	105.0	92.5	132.5

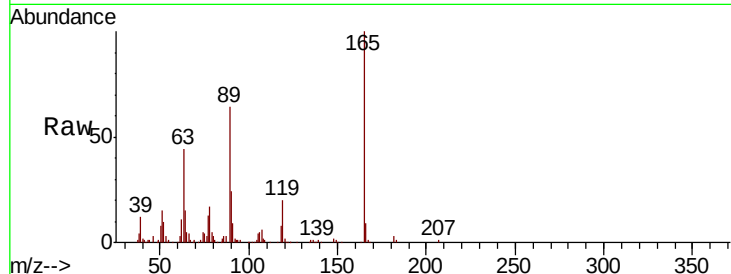




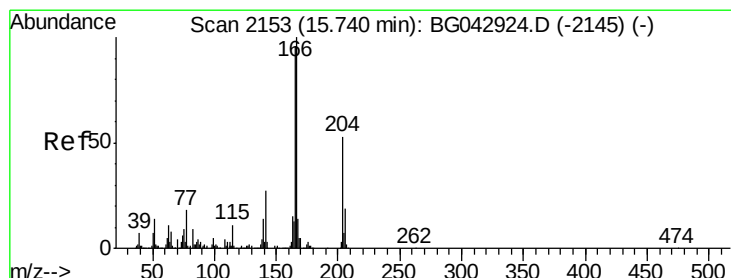
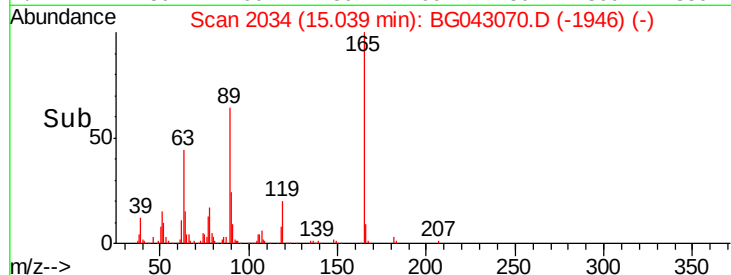
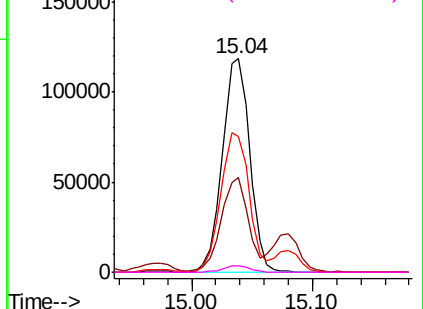
#57
 2,4-Dinitrotoluene
 Concen: 51.012 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion:	165	Resp:	186299
Ion	Ratio	Lower	Upper
165	100		
63	44.2	36.5	54.7
89	63.8	55.5	83.3
182	3.1	2.4	3.6

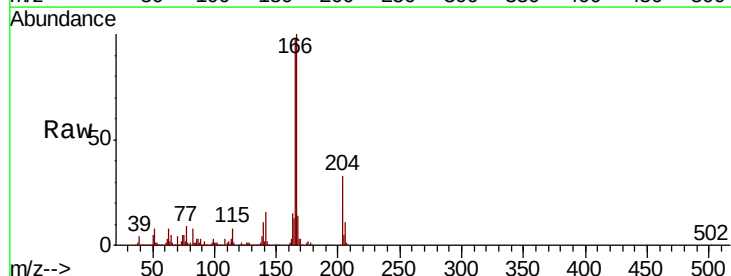


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

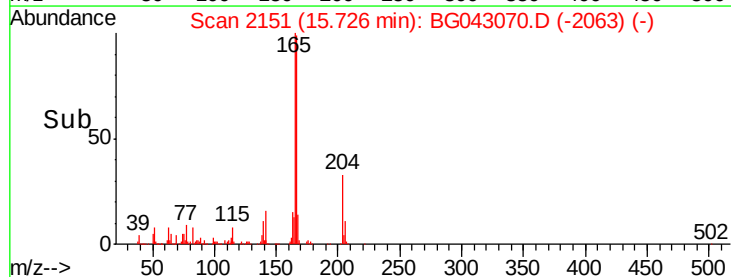
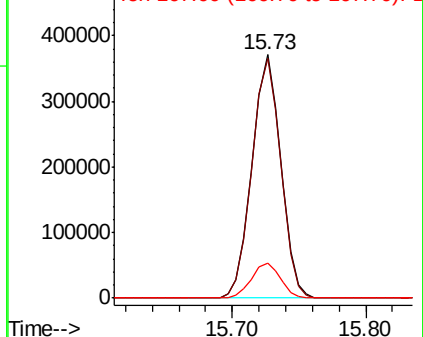


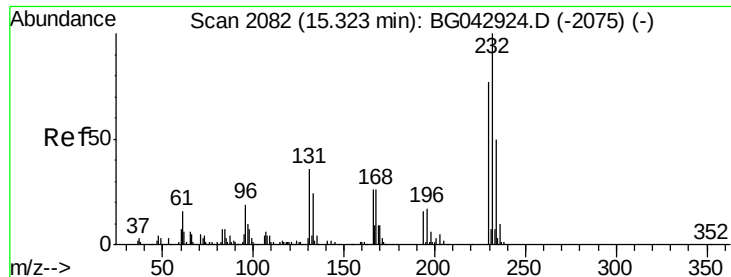
#58
 Fluorene
 Concen: 47.839 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion:	166	Resp:	549902
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.1	115.7
167	14.4	11.0	16.6



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

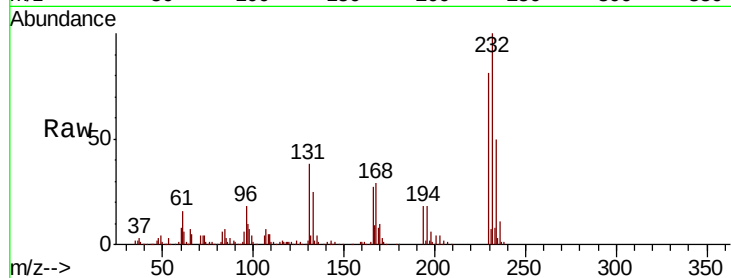




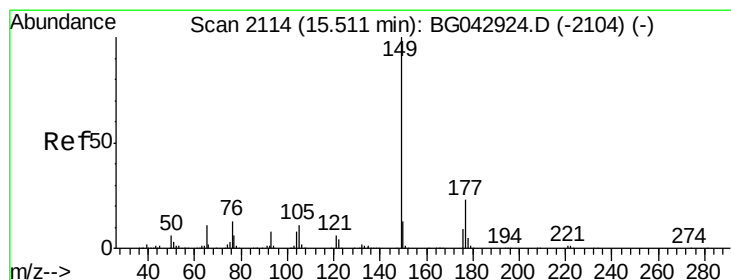
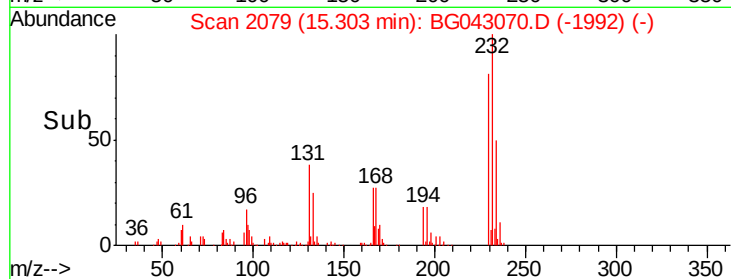
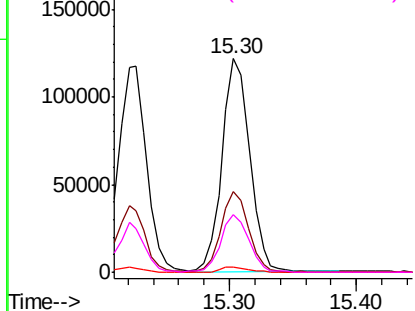
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.919 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:	232	Resp:	184558
Ion	Ratio	Lower	Upper
232	100		
131	37.2	29.6	44.4
130	2.4	1.9	2.9
166	27.4	21.8	32.8

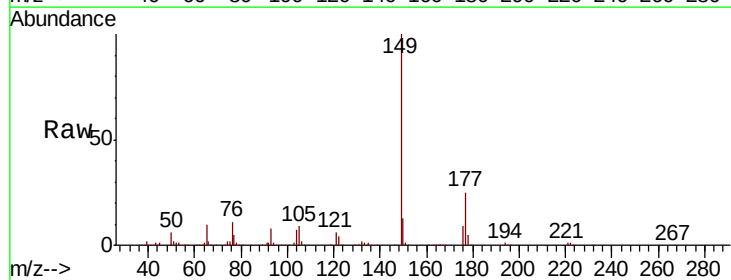


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

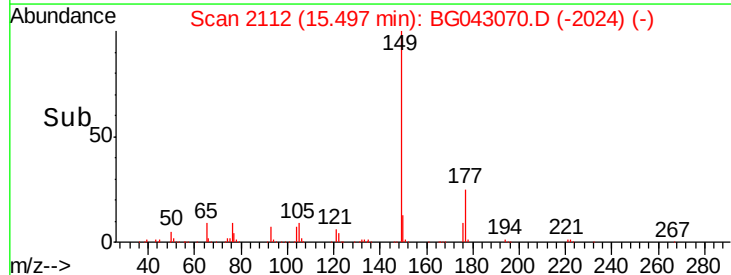
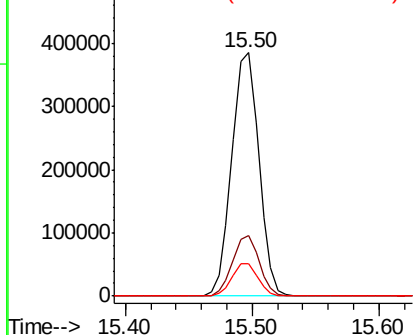


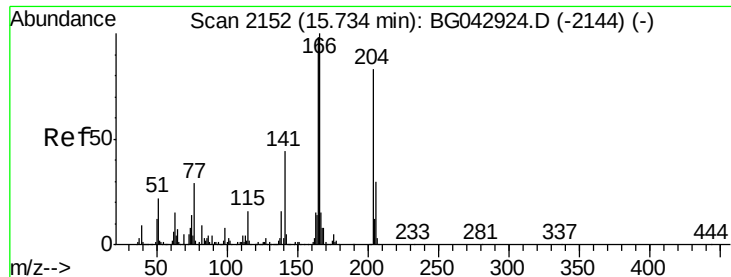
#60
Diethylphthalate
Concen: 47.644 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:	149	Resp:	567821
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.8	28.2
150	13.2	10.6	15.8



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

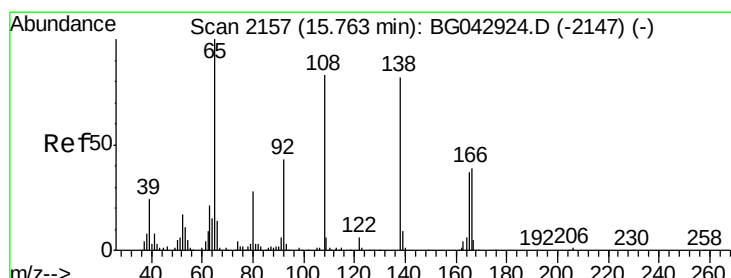
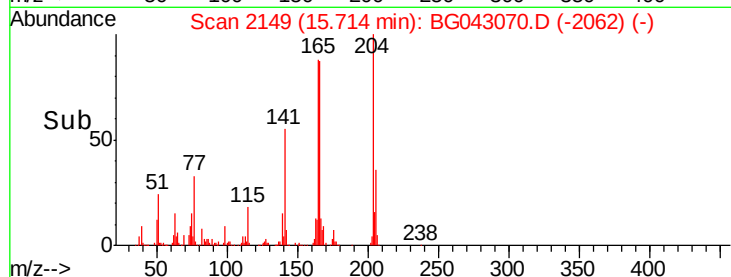
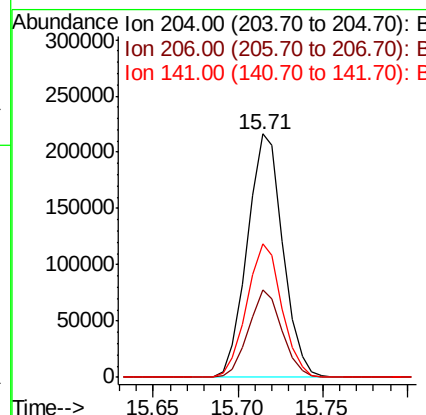
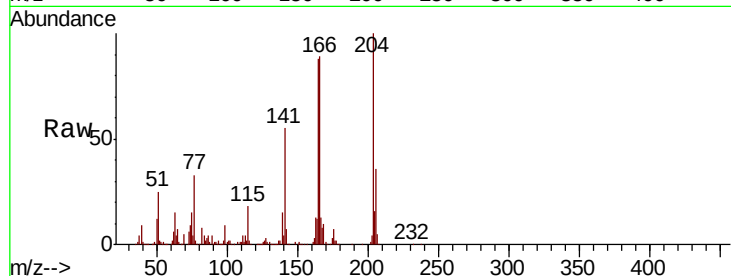




#61
 4-Chlorophenyl-phenylether
 Concen: 46.104 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

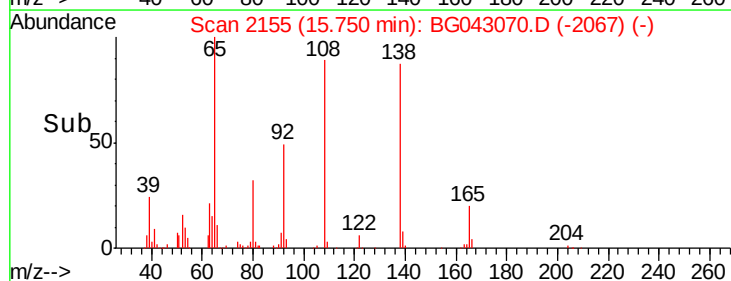
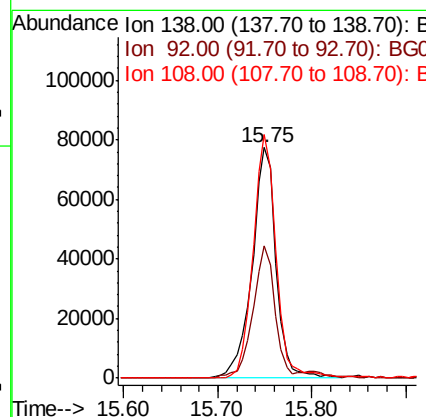
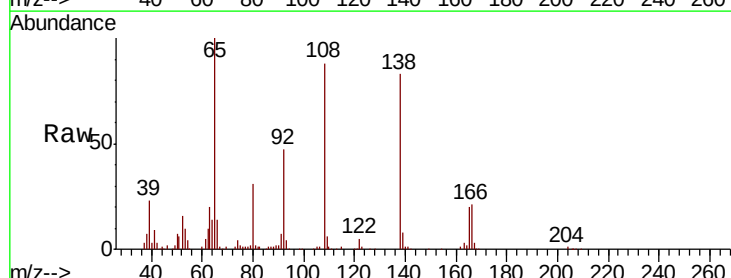
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

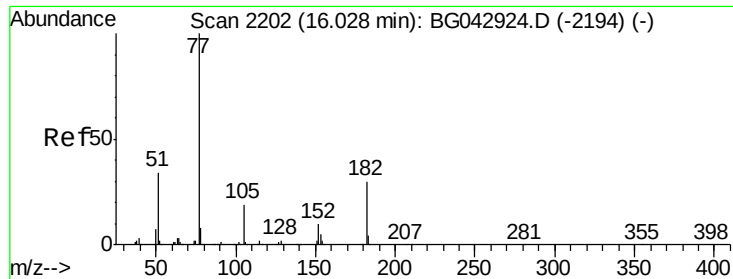
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	54.6	42.4	63.6



#62
 4-Nitroaniline
 Concen: 48.735 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.2	32.9	72.9
108	105.6	81.3	121.3





#63

Azobenzene

Concen: 44.446 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion: 77 Resp: 482265

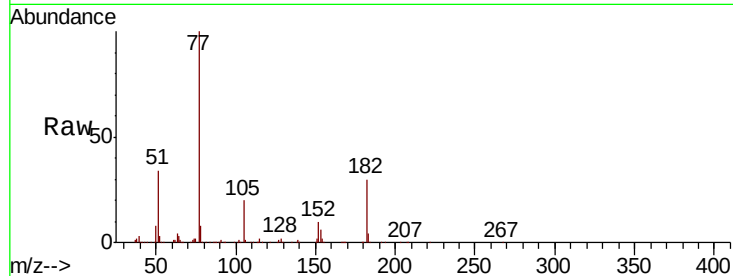
Ion Ratio Lower Upper

77 100

182 29.9 10.2 50.2

105 20.4 0.0 39.1

51 34.5 13.9 53.9

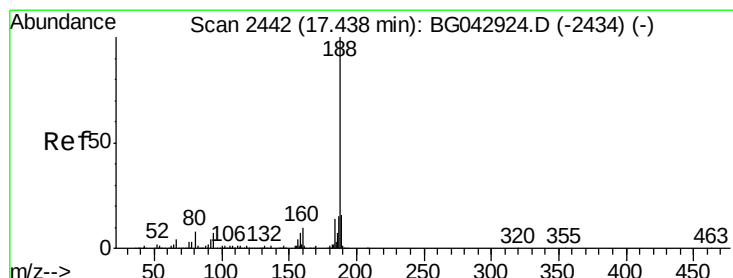
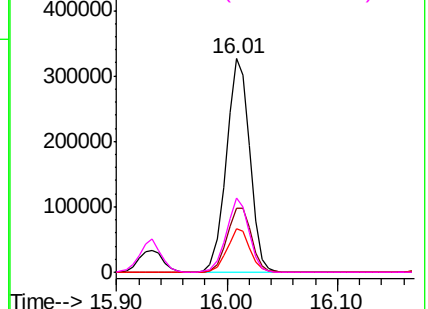
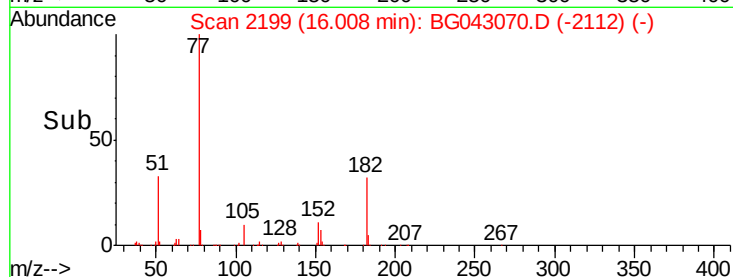


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

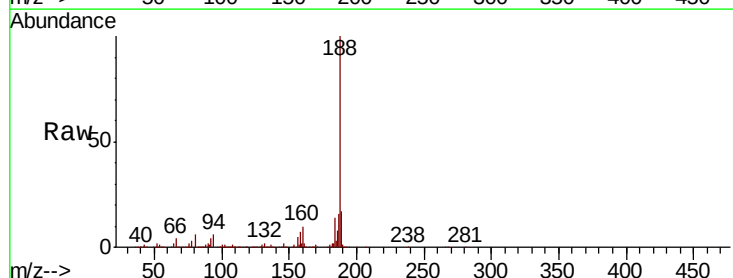
Tgt Ion: 188 Resp: 403644

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

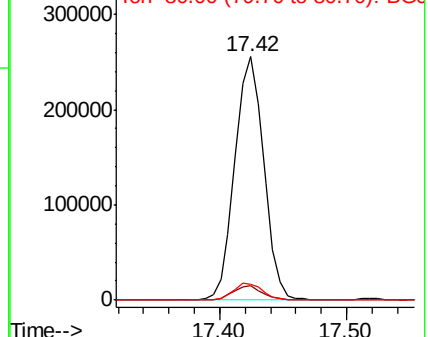
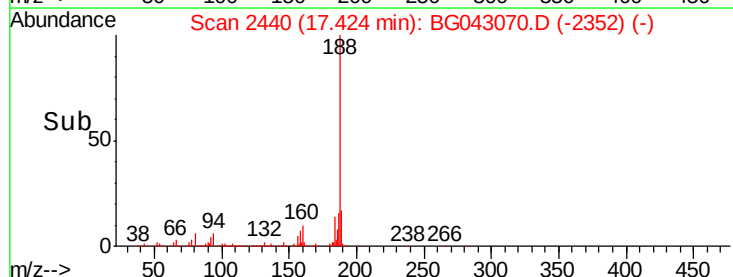
80 6.4 6.5 9.7#

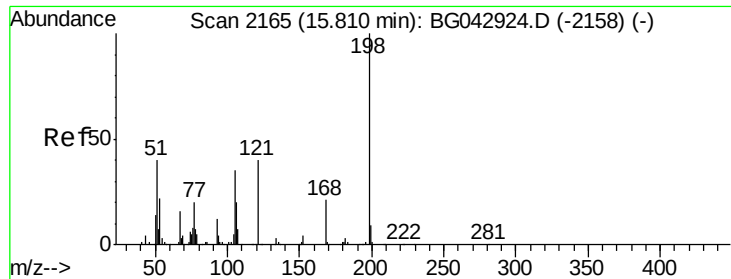


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.052 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

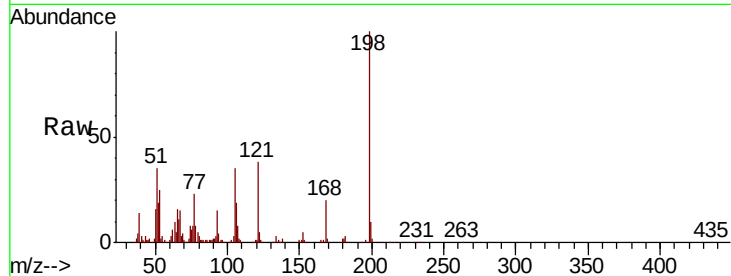
Tot Ion:198 Resp: 121176

Ion Ratio Lower Upper

198 100

51 34.9 25.3 65.3

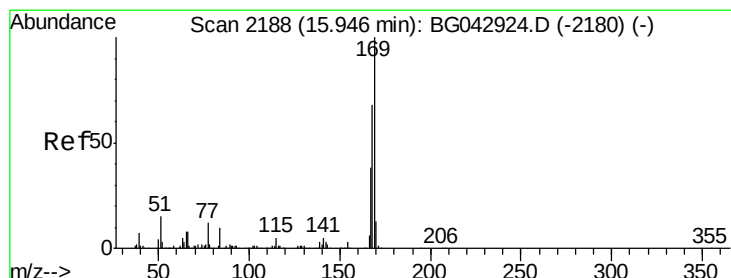
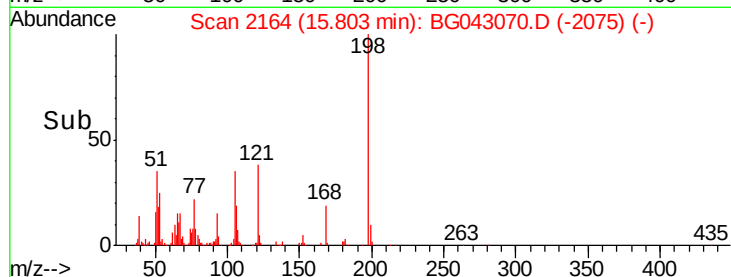
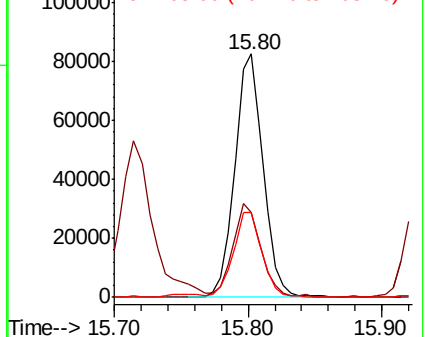
105 34.7 16.6 56.6



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: 47.075 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

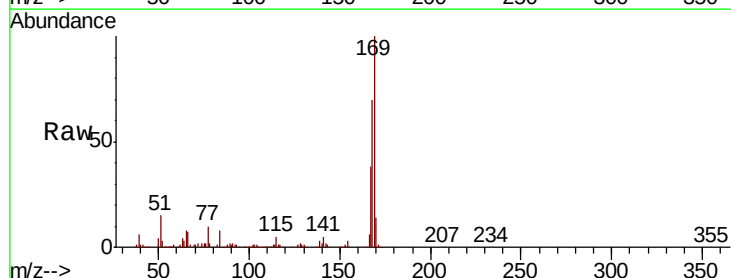
Tgt Ion:169 Resp: 501610

Ion Ratio Lower Upper

169 100

168 70.0 54.8 82.2

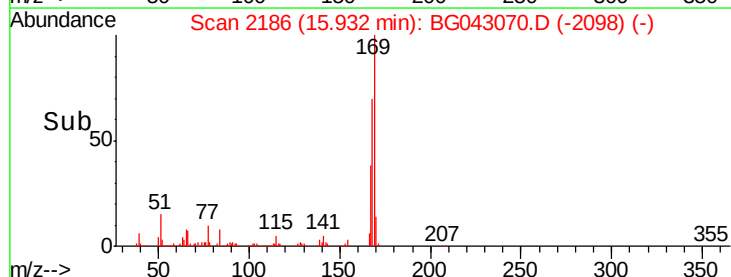
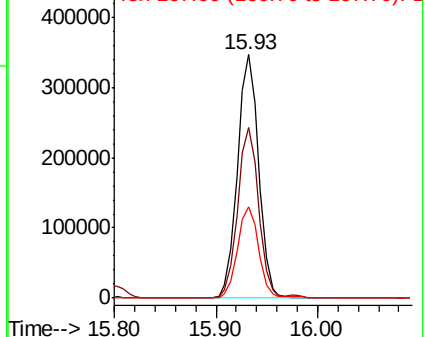
167 37.6 30.6 46.0

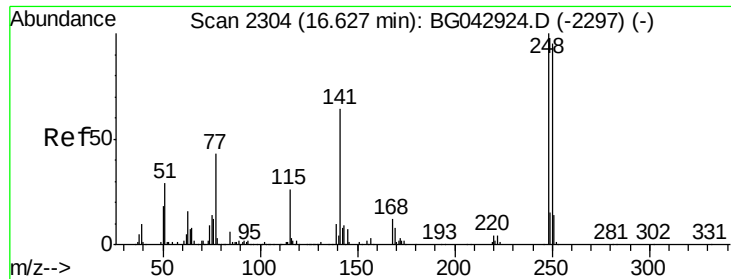


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

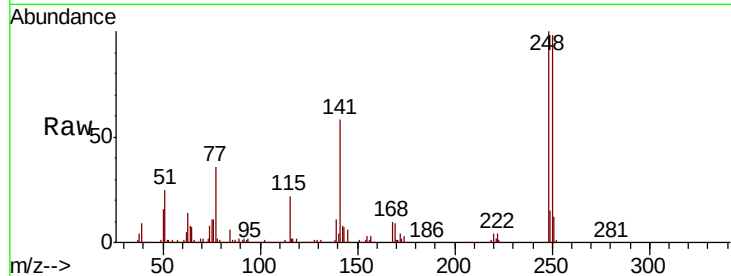




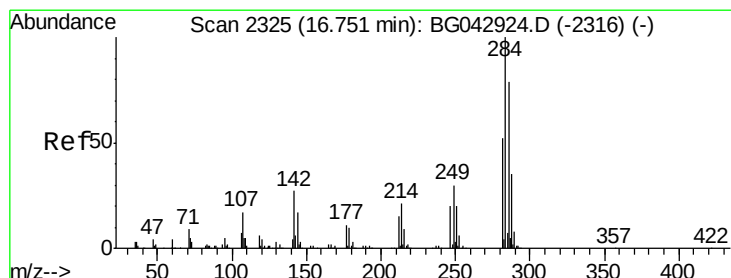
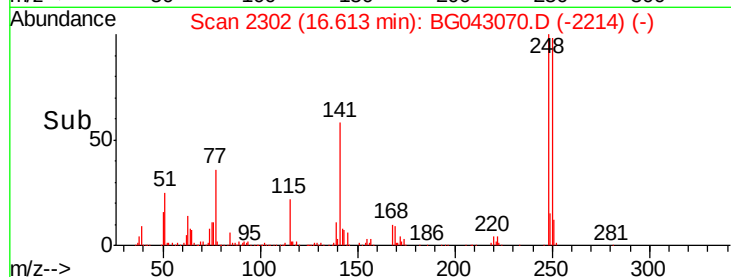
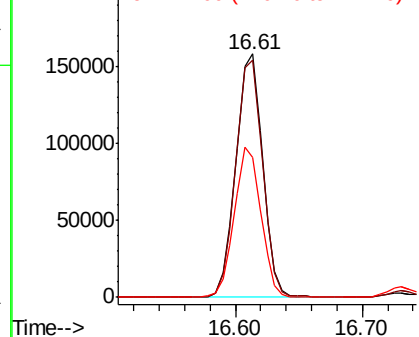
#67
4-Bromophenyl-phenylether
Concen: 45.368 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:248 Resp: 229842
Ion Ratio Lower Upper
248 100
250 97.6 75.8 113.8
141 57.6 51.1 76.7

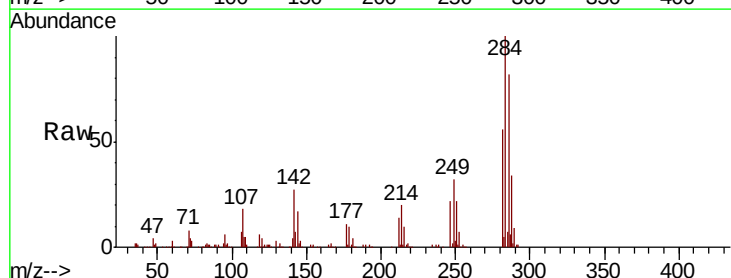


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

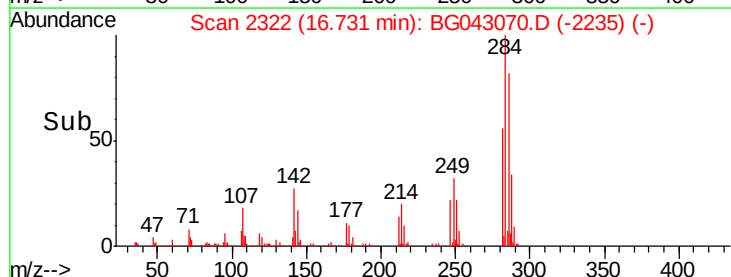
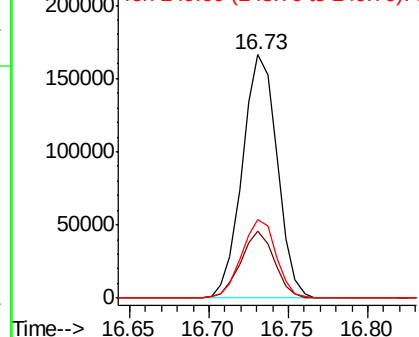


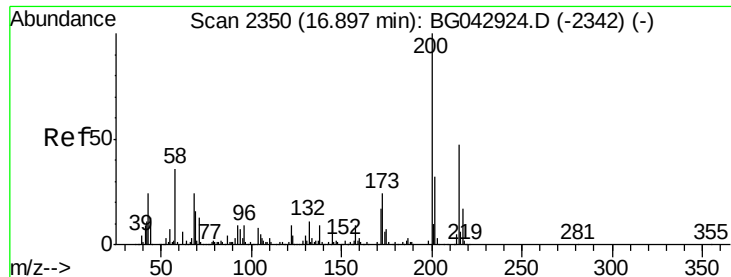
#68
Hexachlorobenzene
Concen: 45.053 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:284 Resp: 254132
Ion Ratio Lower Upper
284 100
142 27.4 21.6 32.4
249 32.3 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

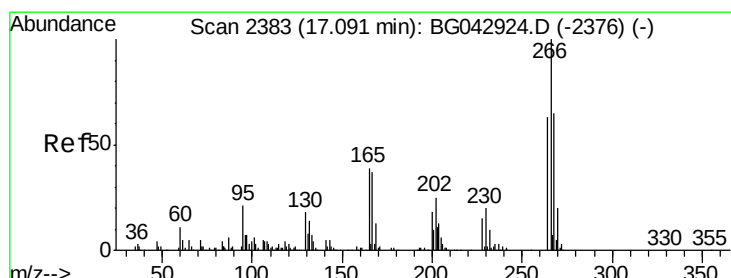
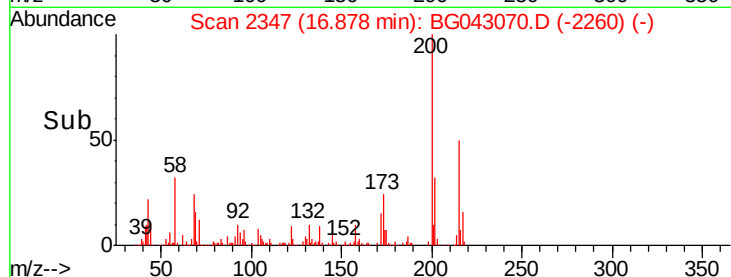
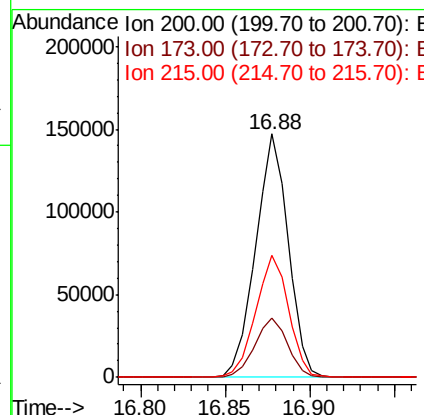
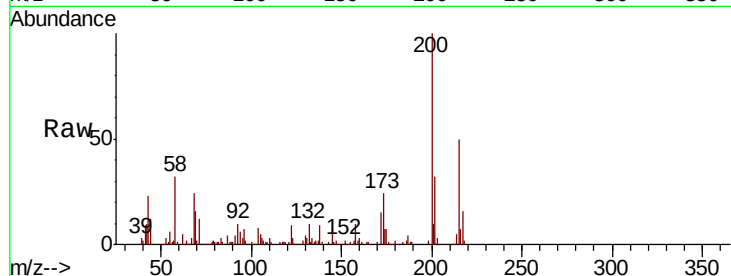




#69
Atrazine
Concen: 44.086 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

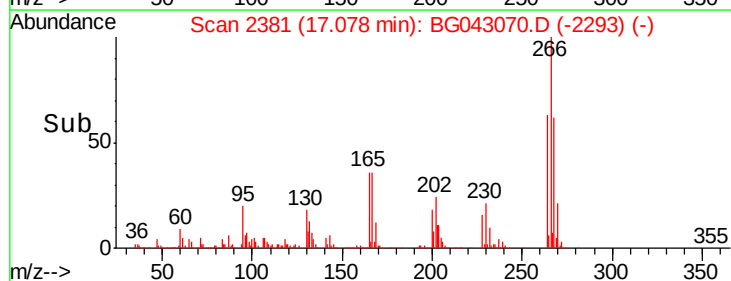
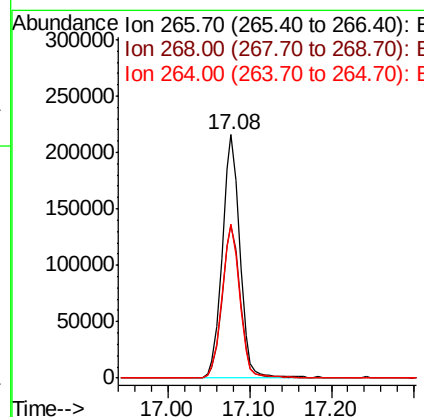
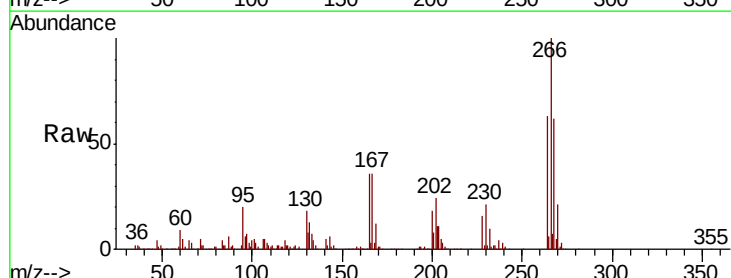
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

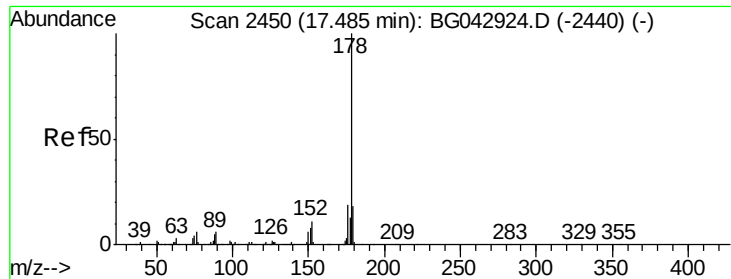
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.0	44.0
215	50.4	27.4	67.4



#70
Pentachlorophenol
Concen: 100.433 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.2	78.2
264	63.2	50.7	76.1

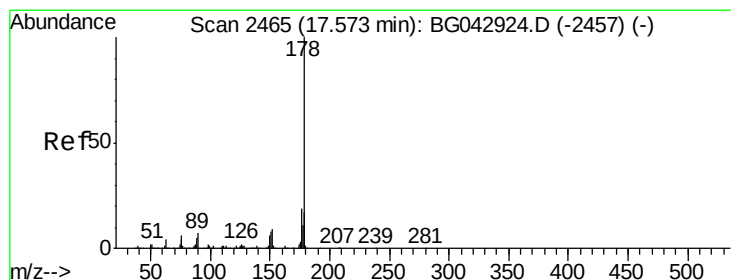
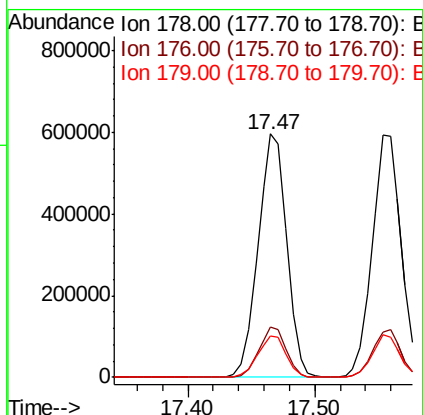
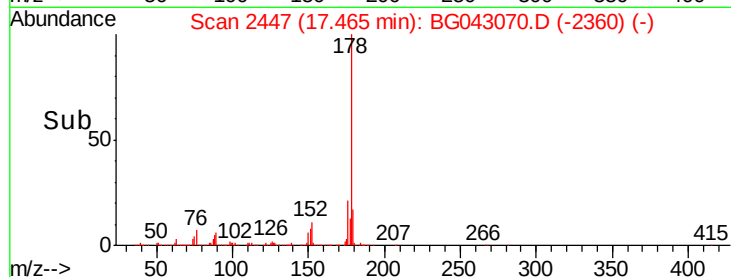
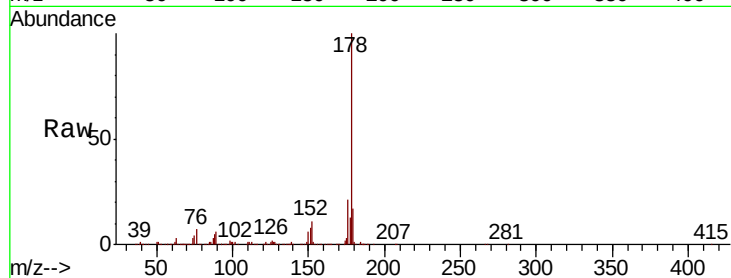




#71
Phenanthrene
Concen: 47.532 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

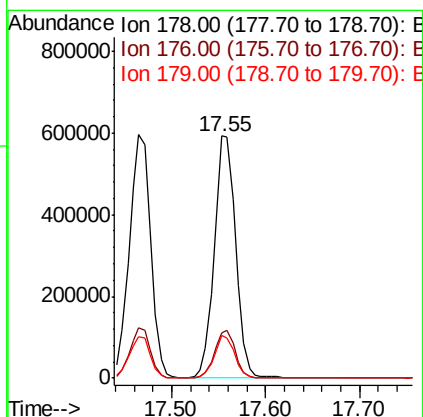
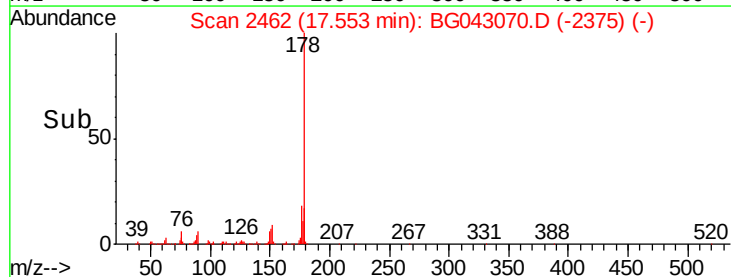
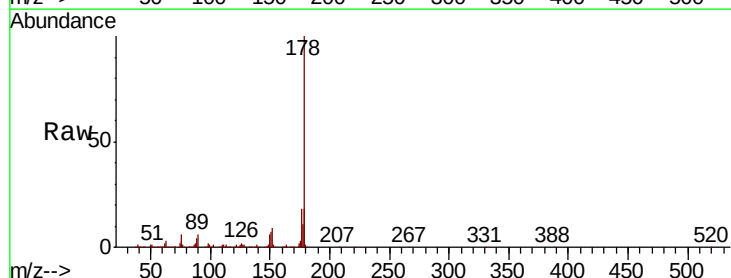
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

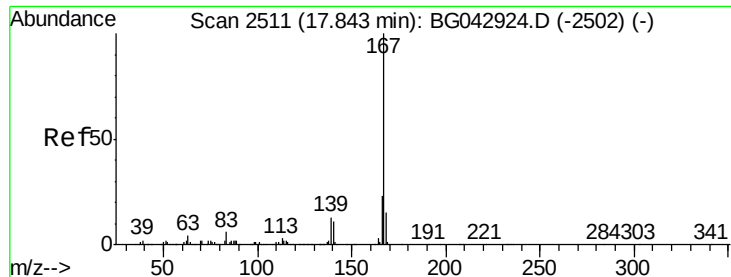
Tot Ion:178 Resp: 936662
Ion Ratio Lower Upper
178 100
176 20.6 15.1 22.7
179 17.1 14.1 21.1



#72
Anthracene
Concen: 48.081 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:178 Resp: 945889
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 17.5 13.5 20.3

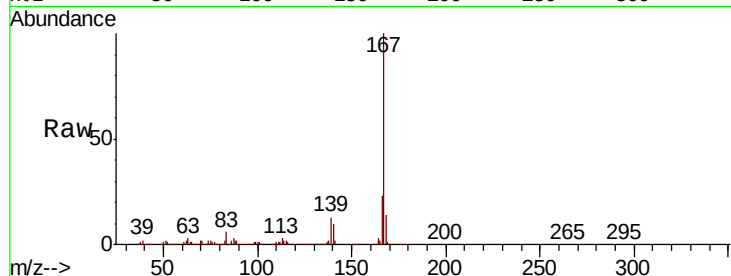




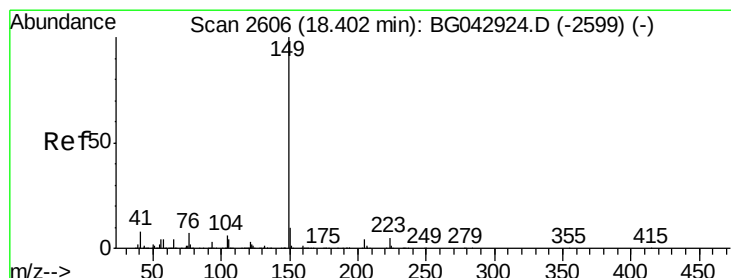
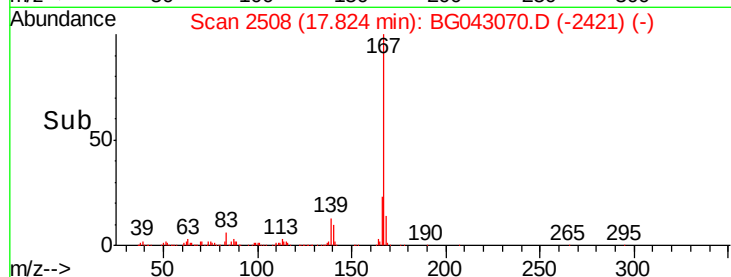
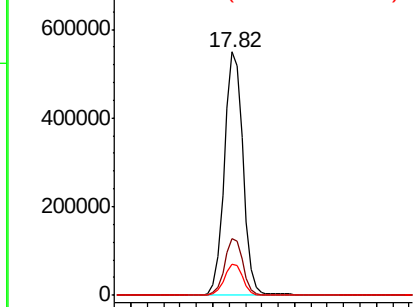
#73
 Carbazole
 Concen: 47.851 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion:167 Resp: 872952
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 28.0
 139 13.0 10.8 16.2

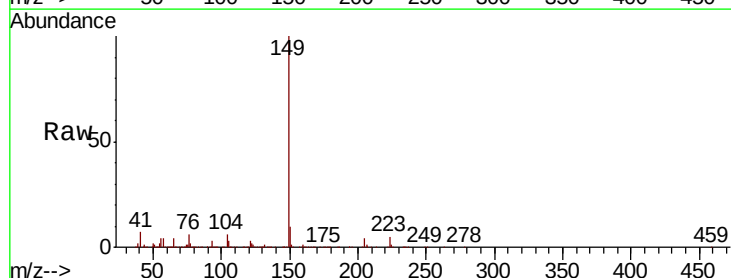


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

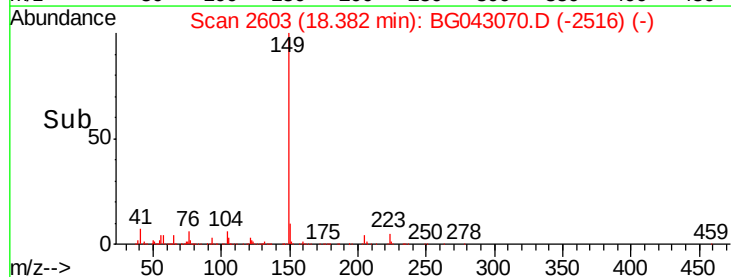
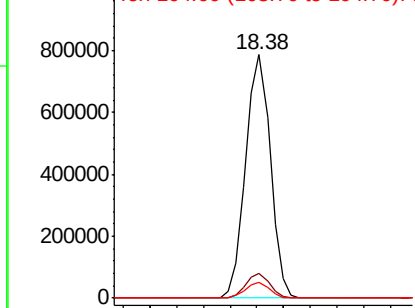


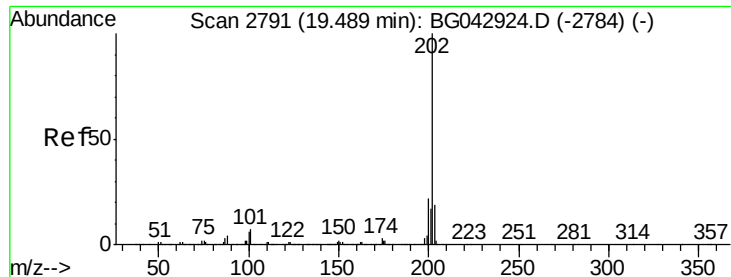
#74
 Di-n-butylphthalate
 Concen: 46.080 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion:149 Resp: 1002978
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 6.4 5.0 7.6



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





#75

Fluoranthene

Concen: 49.020 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

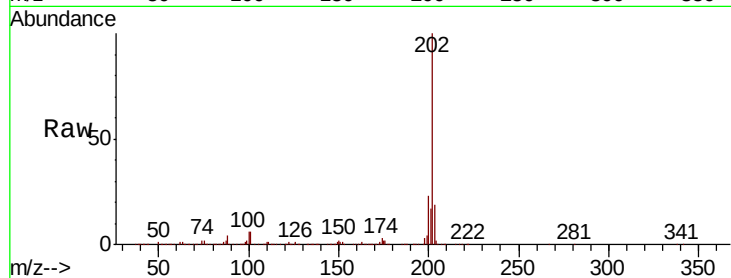
Tot Ion:202 Resp: 1277698

Ion Ratio Lower Upper

202 100

101 6.4 0.0 27.3

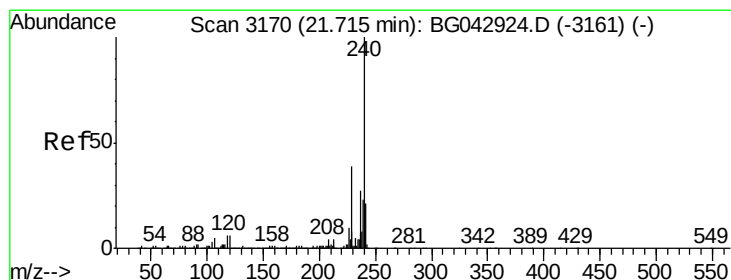
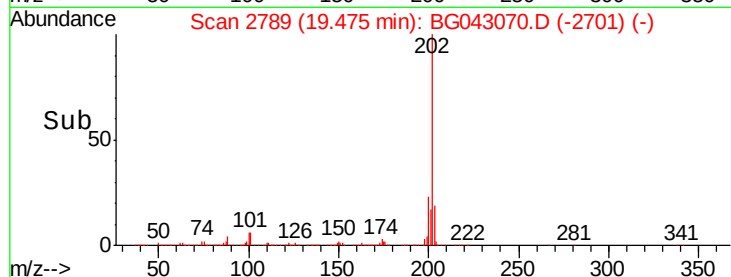
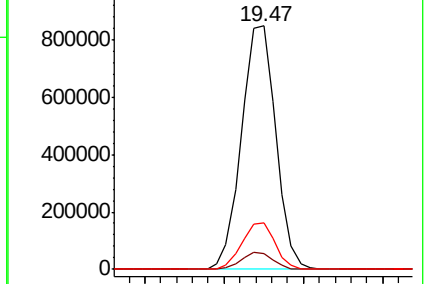
203 18.9 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

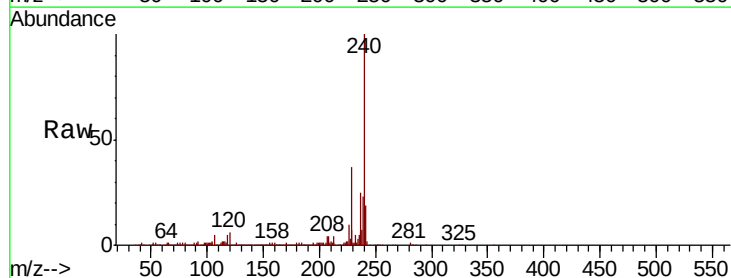
Tgt Ion:240 Resp: 437488

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

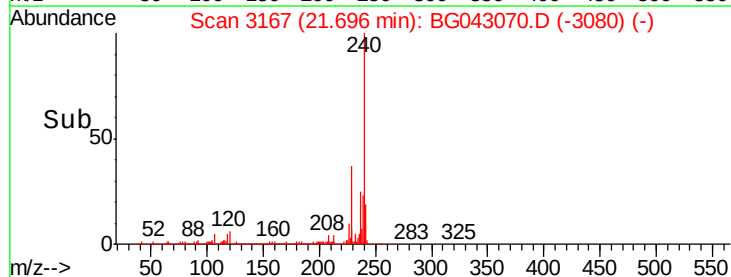
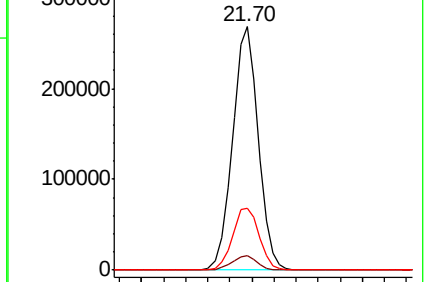
236 25.5 21.4 32.0

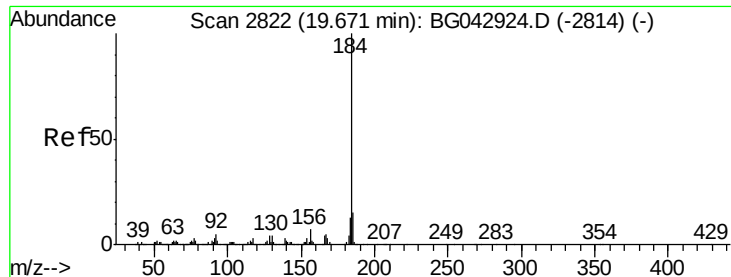


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.616 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

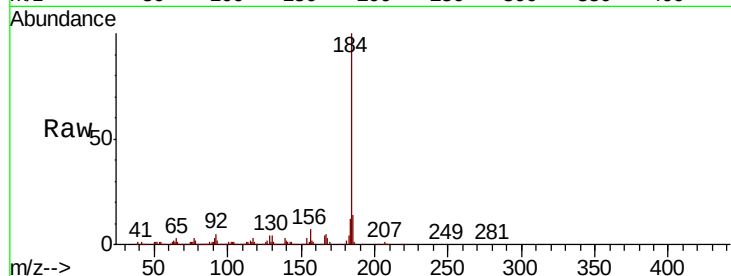
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:184 Resp: 587320

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	12.4	10.1	15.1

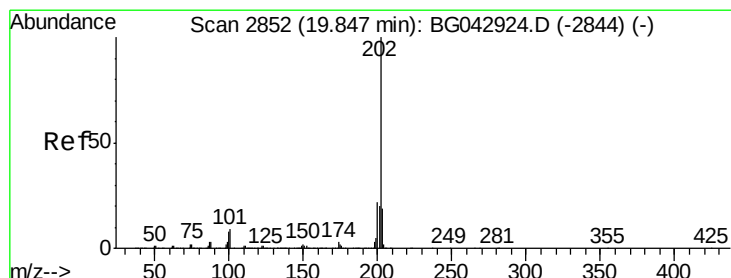
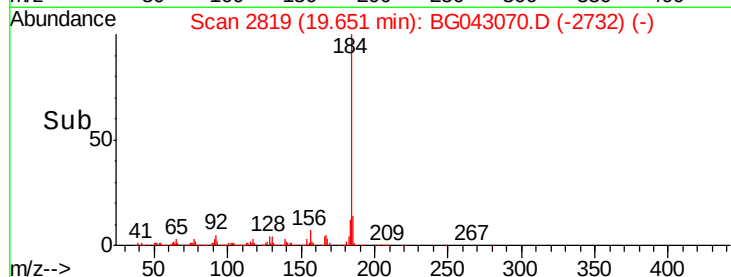
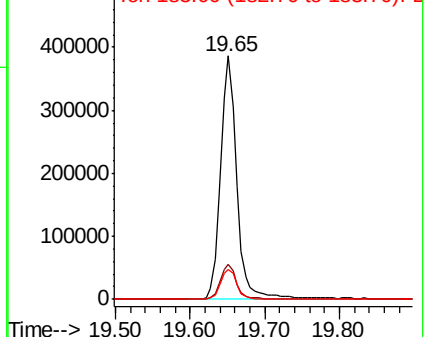


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.996 ng

RT: 19.83 min Scan# 2850

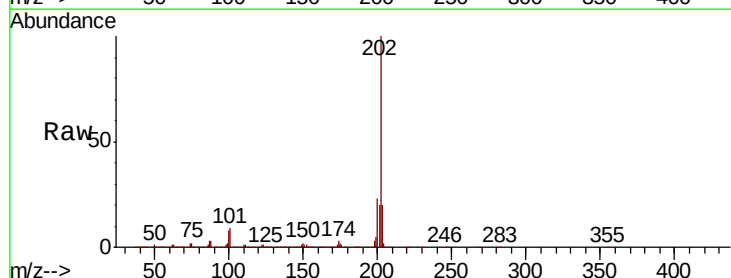
Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:202 Resp: 1279390

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	19.6	15.2	22.8

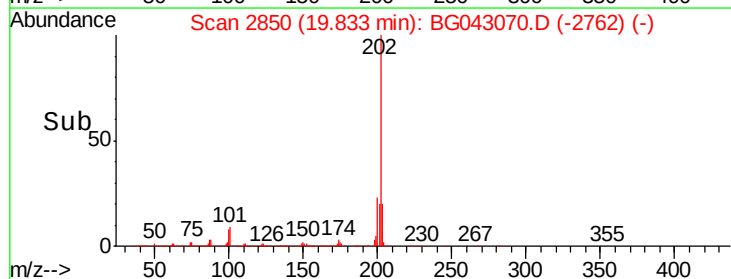
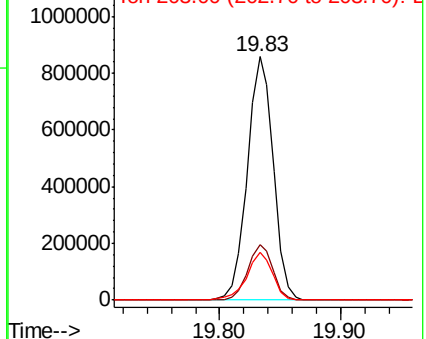


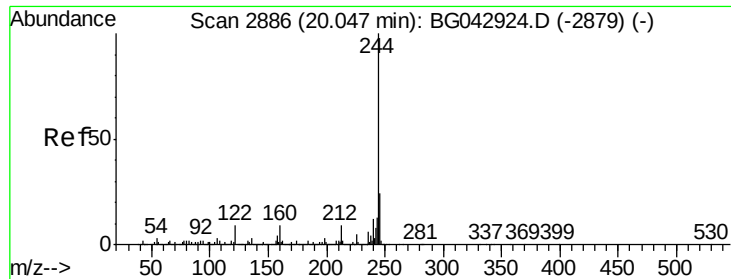
Abundance

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: 71.972 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

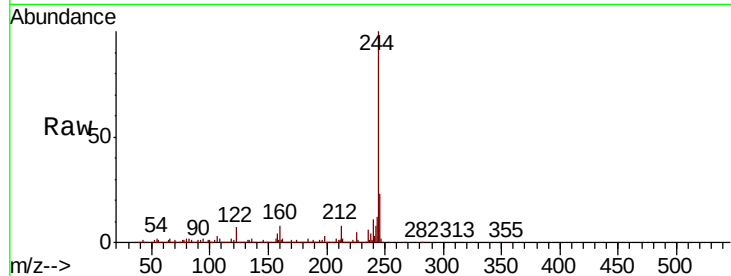
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:244 Resp: 1477644

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.0
122	7.2	7.0	10.4

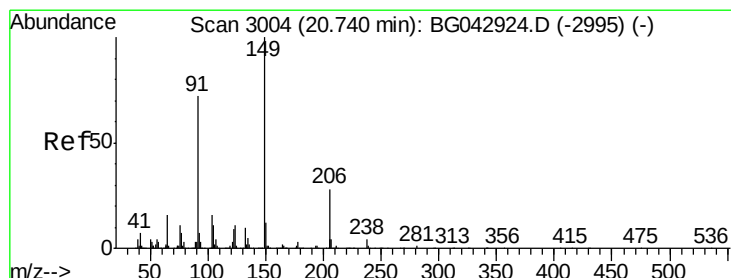
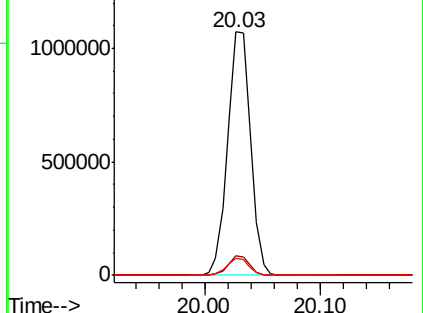
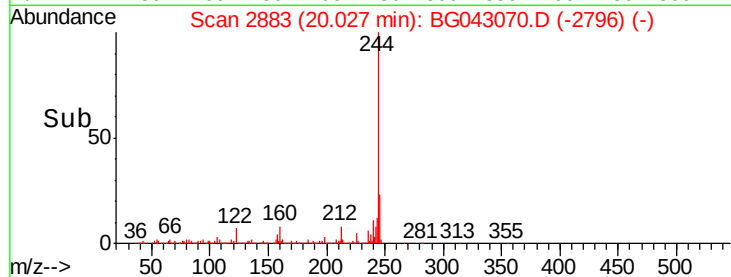


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.750 ng

RT: 20.72 min Scan# 3001

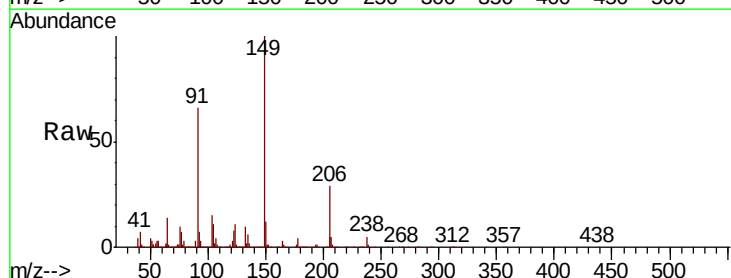
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:149 Resp: 463363

Ion	Ratio	Lower	Upper
149	100		
91	65.9	57.7	86.5
206	29.4	22.6	33.8

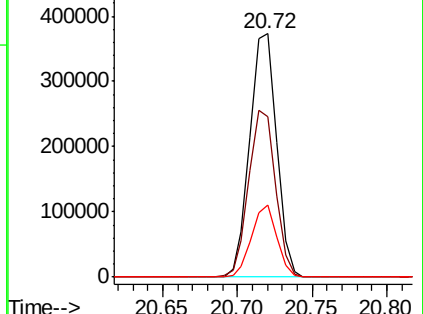
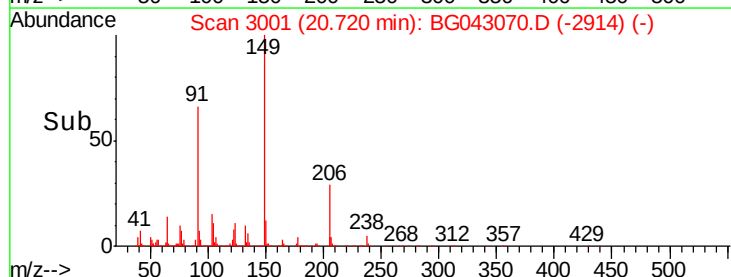


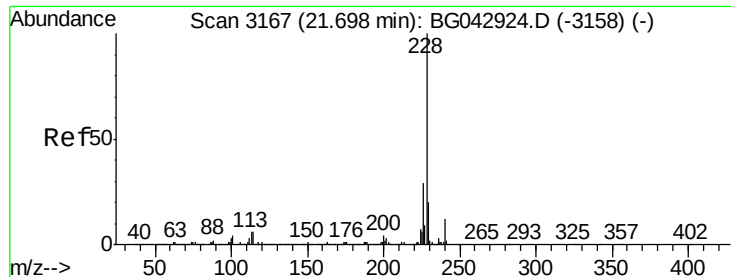
Abundance

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: 46.523 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

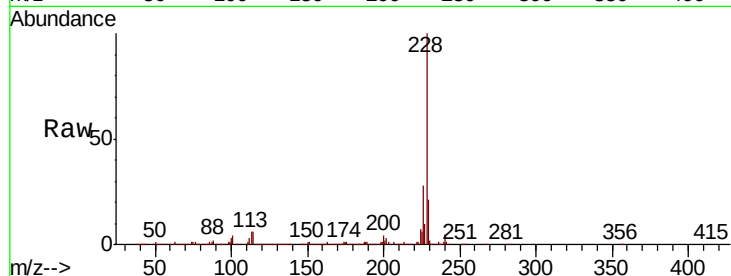
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:228 Resp: 1268194

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	21.3	16.3	24.5

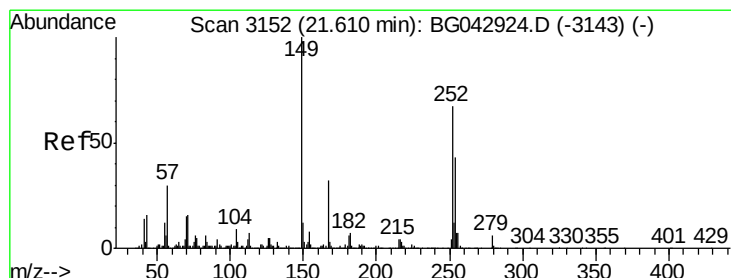
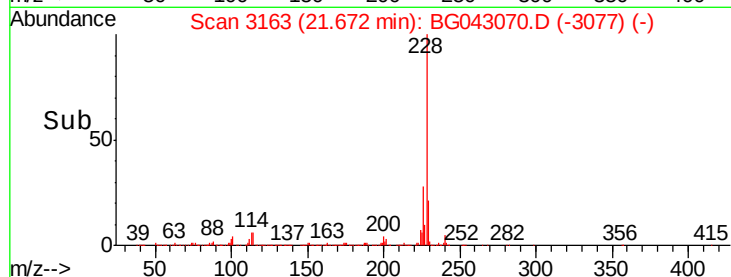
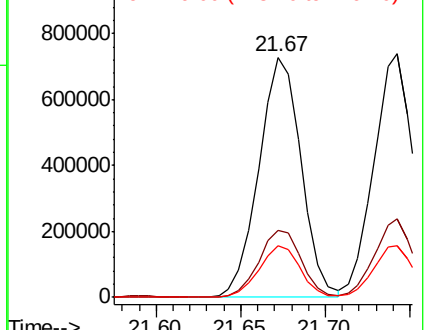


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 38.446 ng

RT: 21.59 min Scan# 3149

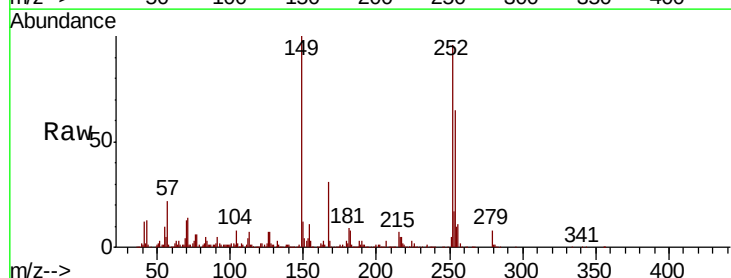
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:252 Resp: 411049

Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.9	77.9
126	7.5	6.1	9.1

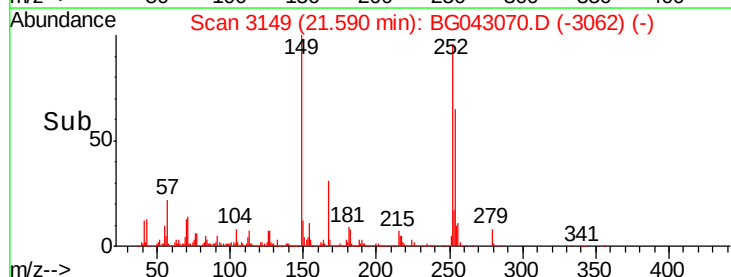
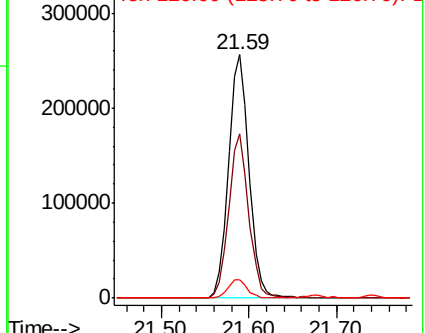


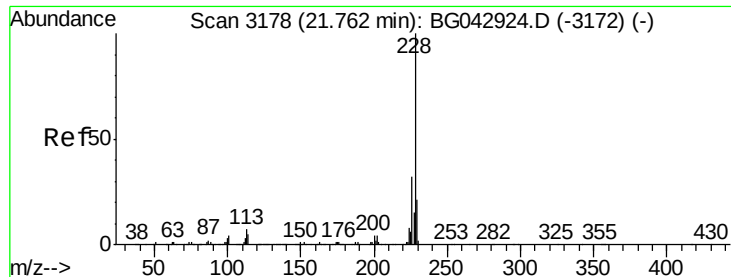
Abundance

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: 45.952 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

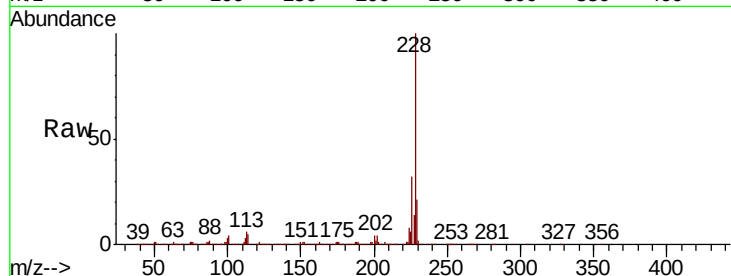
Tot Ion:228 Resp: 1215583

Ion Ratio Lower Upper

228 100

226 32.2 25.6 38.4

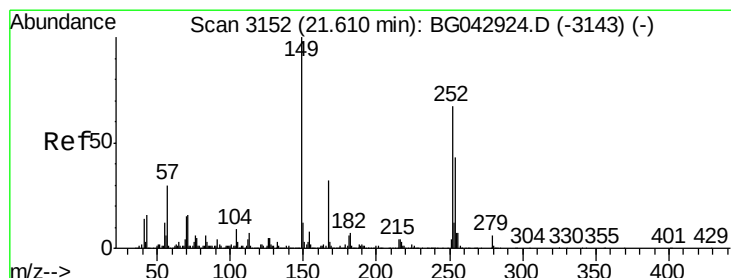
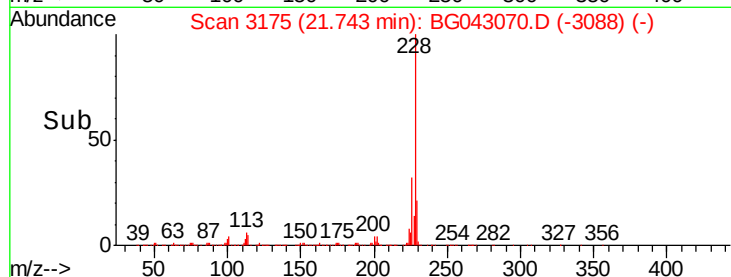
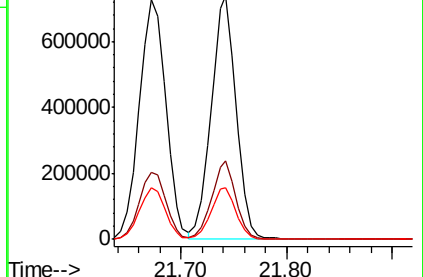
229 21.4 16.9 25.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.273 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.03 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

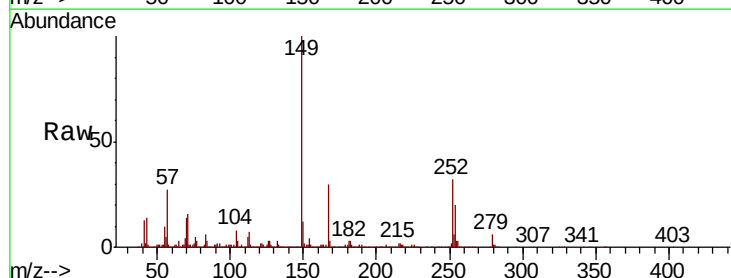
Tgt Ion:149 Resp: 666709

Ion Ratio Lower Upper

149 100

167 29.7 25.4 38.2

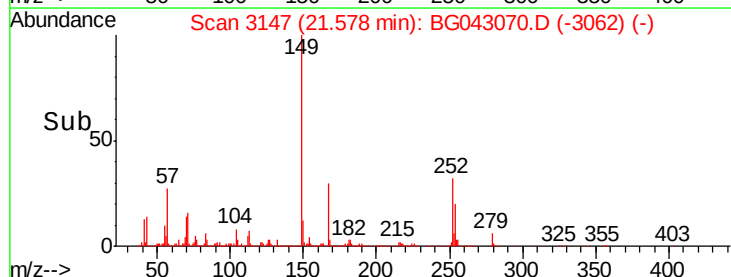
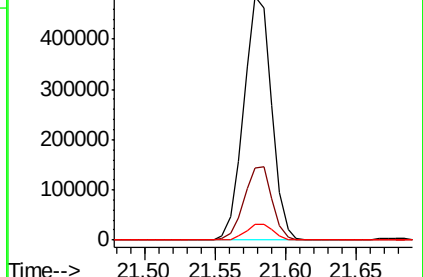
279 6.3 5.1 7.7

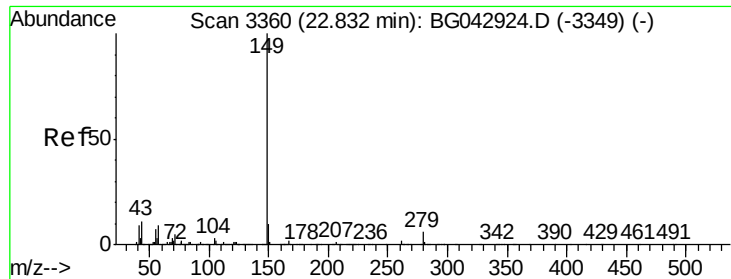


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

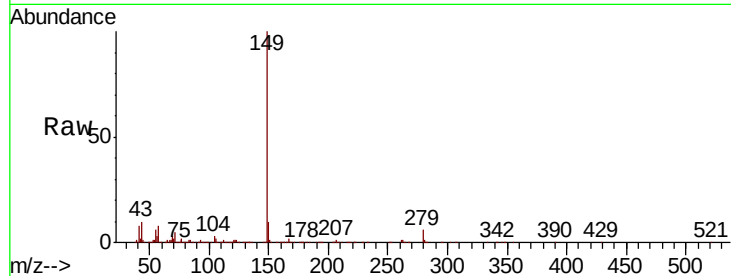




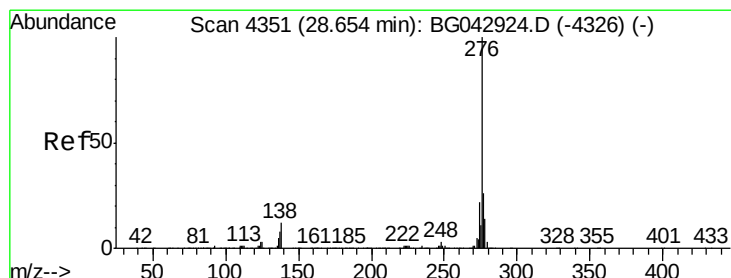
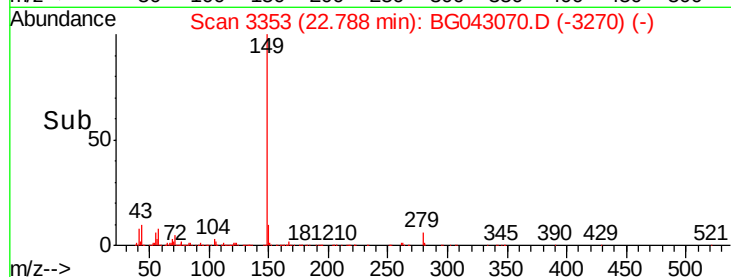
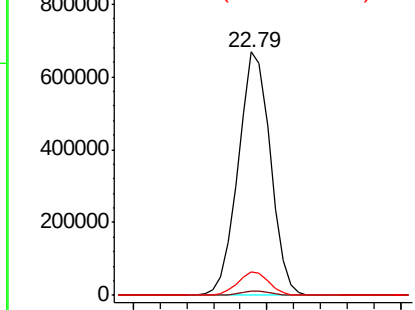
#85
Di-n-octyl phthalate
Concen: 48.177 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:149 Resp: 1111058
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.5 8.7 13.1

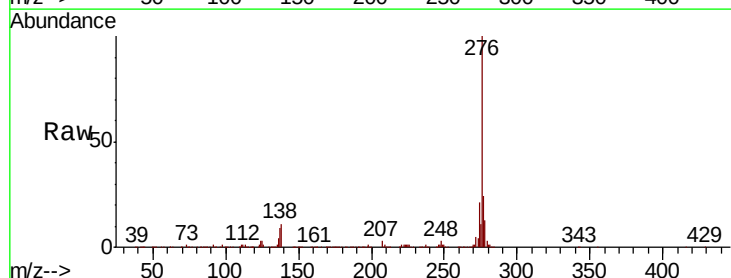


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

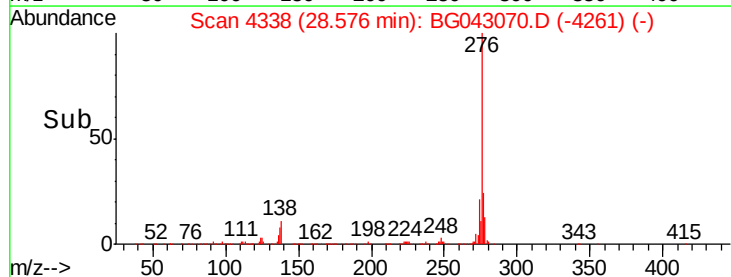
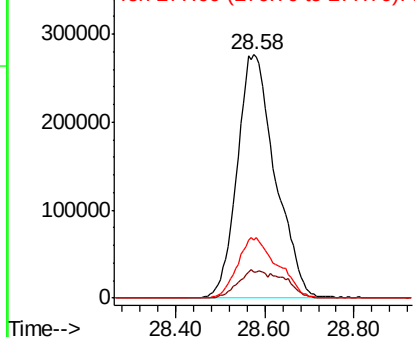


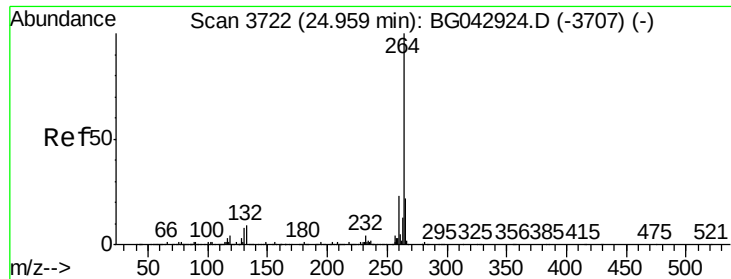
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.542 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.08 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:276 Resp: 1631518
Ion Ratio Lower Upper
276 100
138 5.8 7.0 10.6#
277 26.4 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: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

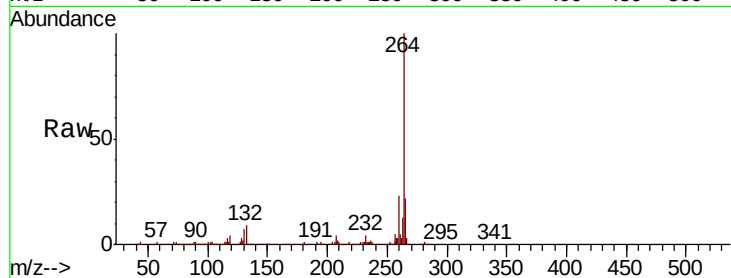
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:264 Resp: 506813

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.7	26.5

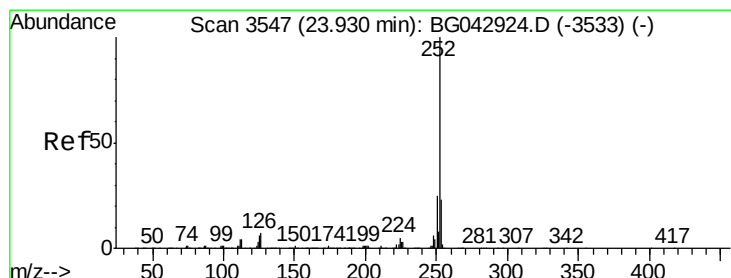
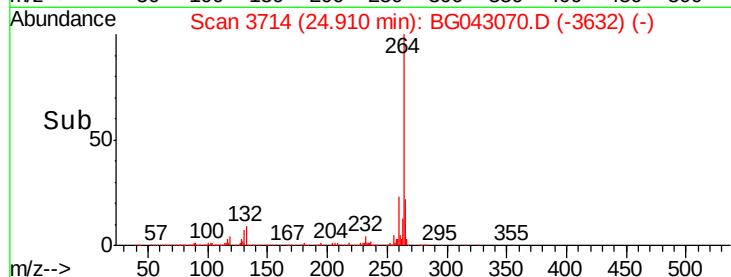
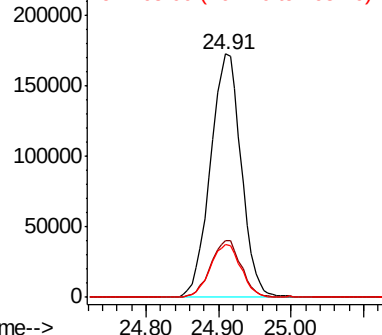


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.993 ng

RT: 23.89 min Scan# 3541

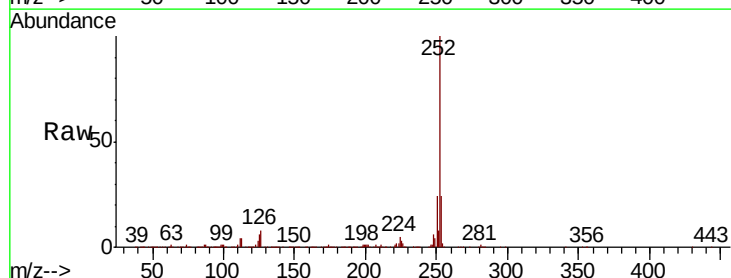
Delta R.T. -0.04 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:252 Resp: 1347602

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	6.0	4.6	7.0

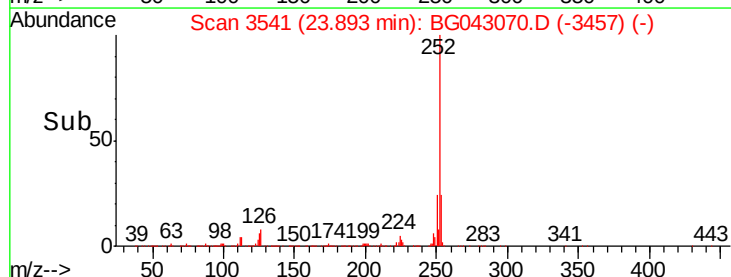
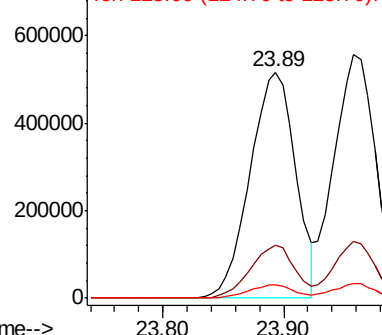


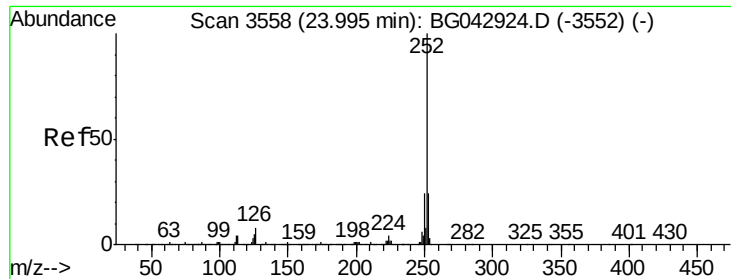
Abundance

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

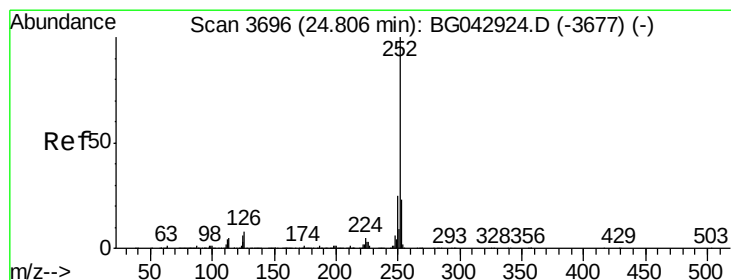
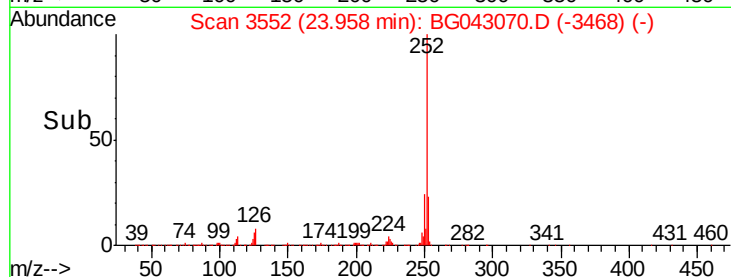
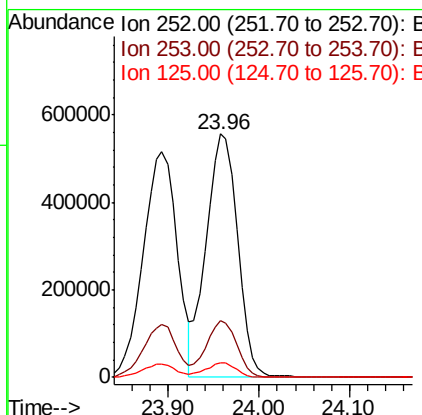
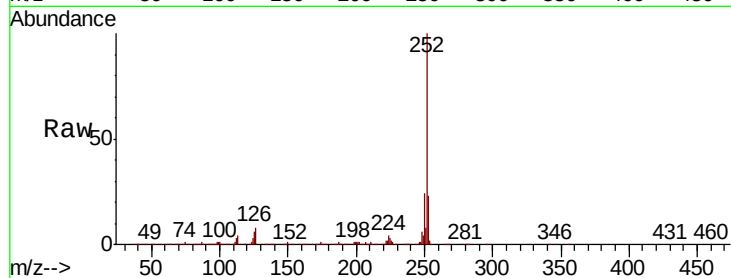




#89
Benzo(k)fluoranthene
Concen: 47.329 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

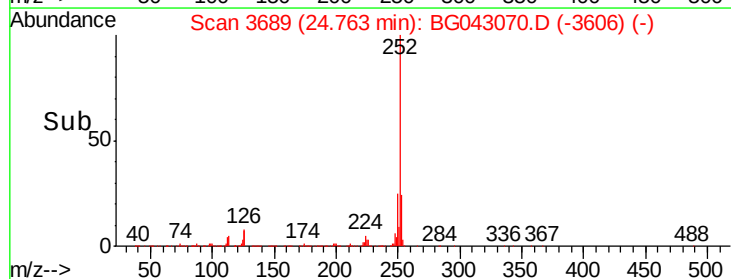
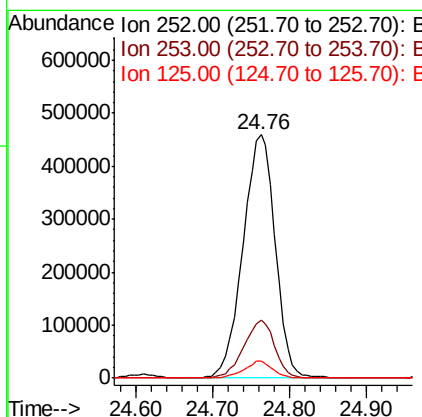
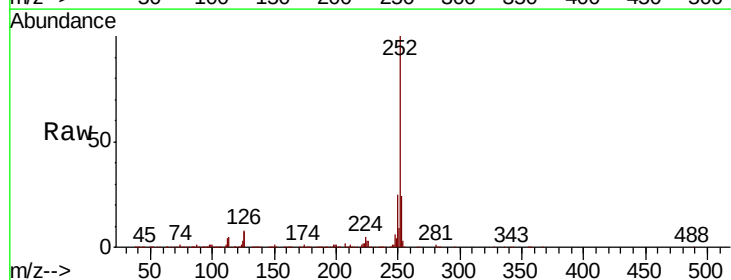
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

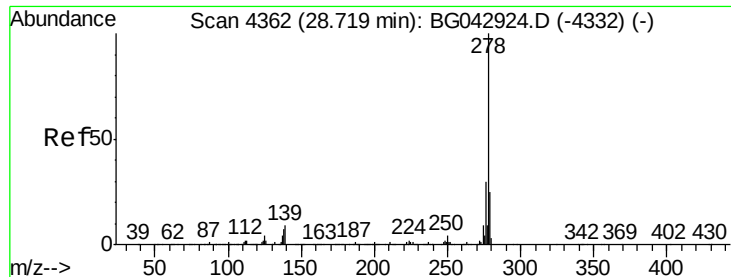
Tot Ion:252 Resp: 1342690
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 5.8 4.5 6.7



#90
Benzo(a)pyrene
Concen: 49.578 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion:252 Resp: 1341355
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 6.8 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 49.223 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.08 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

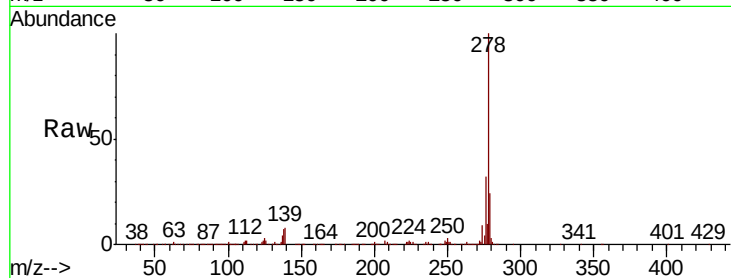
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:278 Resp: 1365611

Ion	Ratio	Lower	Upper
278	100		
139	8.4	6.8	10.2
279	24.3	20.1	30.1

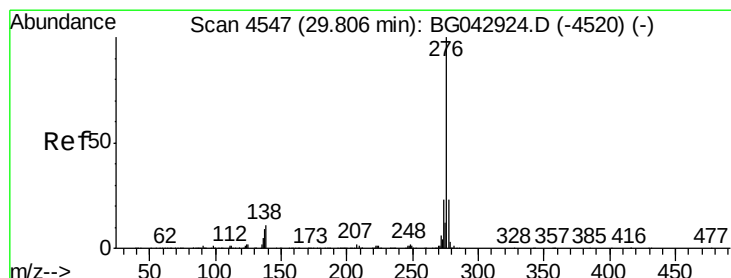
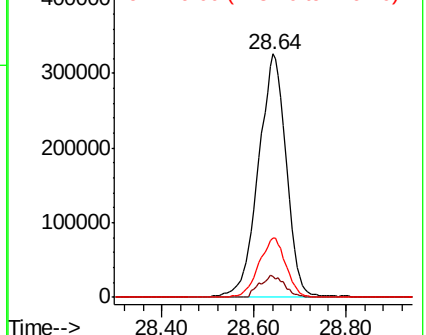
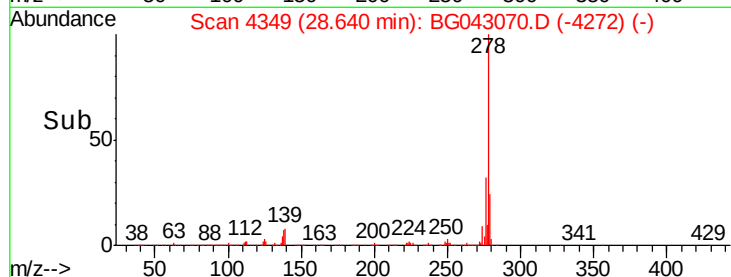


Abundance

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: 50.442 ng

RT: 29.73 min Scan# 4534

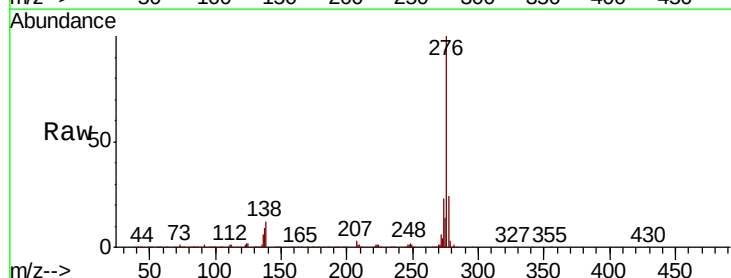
Delta R.T. -0.08 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:276 Resp: 1355941

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	11.9	8.6	12.8



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

