

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043072.D
 Acq On : 7 Oct 2019 17:53
 Operator : JU
 Sample : K5140-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Quant Time: Oct 08 01:48:06 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	44838	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	171048	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	58231	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	321833	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	194370	20.00	ng	-0.02
87) Perylene-d12	24.95	264	81	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	371968	148.05	ng	-0.01
7) Phenol-d6	7.23	99	338338	93.51	ng	-0.01
23) Nitrobenzene-d5	9.22	82	338096	96.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	392485	391.97	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	884105	220.10	ng	-0.02
79) Terphenyl-d14	20.03	244	1854636	203.32	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	41745	39.851	ng	# 46
4) n-Nitrosodimethylamine	3.85	42	51574	36.401	ng	# 82
6) Aniline	7.48	93	120615	27.617	ng	# 54
8) 2-Chlorophenol	7.63	128	141375	53.956	ng	99
9) Benzaldehyde	7.20	77	40628	18.376	ng	82
10) Phenol	7.26	94	137506	41.424	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	120615	46.962	ng	95
12) 1,3-Dichlorobenzene	7.95	146	147402	44.099	ng	97
13) 1,4-Dichlorobenzene	8.10	146	151897	45.586	ng	96
14) 1,2-Dichlorobenzene	8.41	146	147762	46.579	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	182465	36.993	ng	97
17) 2-Methylphenol	8.51	107	77329	33.293	ng	95
18) Hexachloroethane	9.15	117	54681	43.574	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	134180	56.479	ng	95
20) 3+4-Methylphenols	8.83	107	106400	33.427	ng	94
22) Acetophenone	8.88	105	226201	51.303	ng	# 95
24) Nitrobenzene	9.26	77	172055	51.257	ng	97
25) Isophorone	9.78	82	381208	61.669	ng	97
26) 2-Nitrophenol	9.97	139	83466	58.411	ng	93
27) 2,4-Dimethylphenol	10.03	122	94482	43.055	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	14209	4.051	ng	# 87
29) 2,4-Dichlorophenol	10.52	162	166189	60.892	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	168674	47.858	ng	96
31) Naphthalene	10.91	128	444211	52.756	ng	99
32) Benzoic acid	10.19	122	103576	58.146	ng	92
33) 4-Chloroaniline	10.92	127	60587	16.582	ng	# 36
34) Hexachlorobutadiene	11.20	225	117772	44.628	ng	97
35) Caprolactam	11.97	113	15252	15.847	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	146964	49.525	ng	93
37) 2-Methylnaphthalene	12.51	142	341029	53.091	ng	97
38) 1-Methylnaphthalene	12.73	142	325805	53.603	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	223923	102.274	ng	99
41) Hexachlorocyclopentadiene	12.86	237	284627	204.032	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	161328	125.891	ng	97

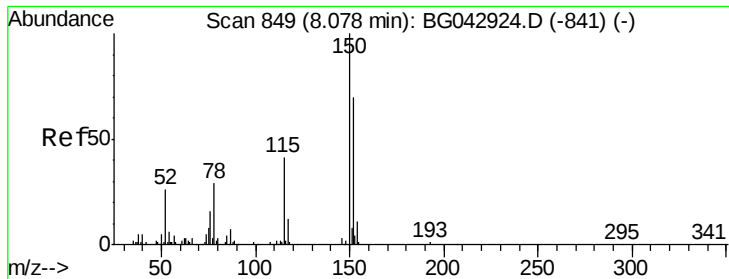
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	172706	130.825	nq	97
46) 1,1'-Biphenyl	13.51	154	485073	109.846	nq	98
47) 2-Chloronaphthalene	13.56	162	385262	116.365	nq	98
48) 2-Nitroaniline	13.78	65	31982	29.048	nq	95
49) Acenaphthylene	14.41	152	97877	19.320	nq	97
50) Dimethylphthalate	14.14	163	593233	135.968	nq	98
51) 2,6-Dinitrotoluene	14.25	165	128341	138.129	nq	86
52) Acenaphthene	14.74	154	189157	55.783	nq	97
53) 3-Nitroaniline	14.78	138	13394	13.949	nq #	1
54) 2,4-Dinitrophenol	14.79	184	182605	316.179	nq	96
55) Dibenzofuran	15.08	168	619678	123.535	nq	100
56) 4-Nitrophenol	14.91	139	173580	237.253	nq	99
57) 2,4-Dinitrotoluene	15.03	165	188928	138.853	nq #	98
58) Fluorene	15.73	166	496812	116.007	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180944	128.731	nq	99
60) Diethylphthalate	15.49	149	502131	113.085	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	308962	120.292	nq	100
62) 4-Nitroaniline	15.81	138	11133	10.631	nq	95
63) Azobenzene	16.01	77	43575	10.779	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	126024	69.201	nq	95
67) 4-Bromophenyl-phenylether	16.61	248	222748	55.145	nq	96
68) Hexachlorobenzene	16.73	284	250758	55.755	nq	97
69) Atrazine	17.08	200	60019	16.776	nq #	37
70) Pentachlorophenol	17.08	266	335753	129.376	nq	100
71) Phenanthrene	17.47	178	869217	55.322	nq	97
72) Anthracene	17.55	178	600196	38.264	nq	99
74) Di-n-butylphthalate	18.38	149	888753	51.212	nq	99
75) Fluoranthene	19.47	202	812949	39.118	nq	99
77) Benzidine	20.03	184	31897	6.554	nq	98
78) Pyrene	19.83	202	167038	14.398	nq	98
80) Butylbenzylphthalate	20.72	149	40648	9.231	nq	90
81) Benzo(a)anthracene	21.67	228	627692	51.828	nq	97
83) Chrysene	21.74	228	830129	70.632	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	596872	95.257	nq	98
85) Di-n-octyl phthalate	22.79	149	972992	94.962	nq	96
86) Indeno(1,2,3-cd)pyrene	28.62	276	157983	10.798	nq #	90
88) Benzo(b)fluoranthene	23.95	252	175335	38256.098	nq	97
89) Benzo(k)fluoranthene	23.95	252	175335	38670.775	nq	99
90) Benzo(a)pyrene	24.76	252	124220	28727.562	nq #	95
91) Dibenzo(a,h)anthracene	28.62	278	442798	99864.581	nq	99
92) Benzo(g,h,i)perylene	29.71	276	98906	23021.885	nq #	96

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

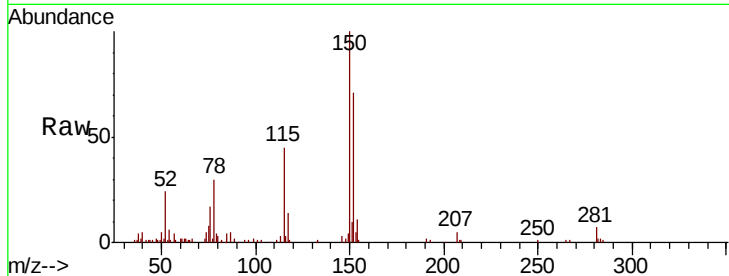


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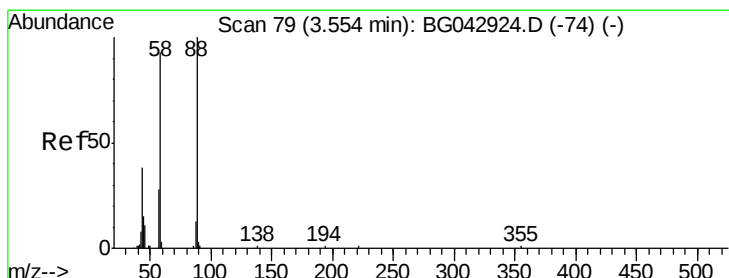
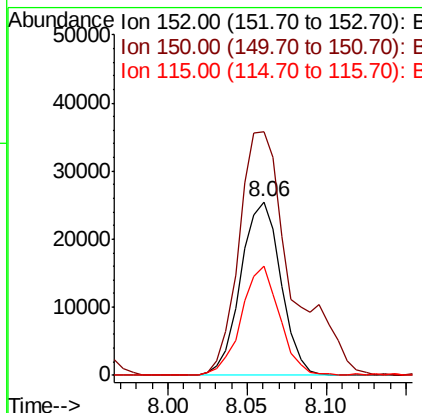
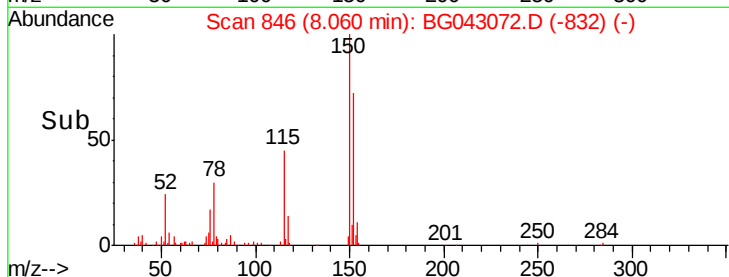
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion:152 Resp: 44838
Ion Ratio Lower Upper
152 100
150 140.2 115.0 172.4
115 62.9 47.0 70.6



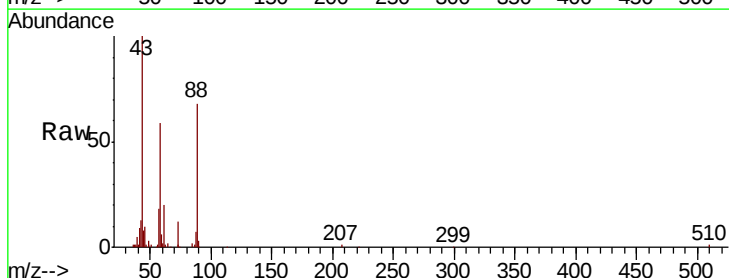
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



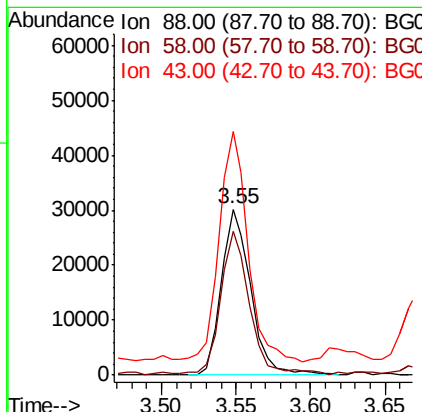
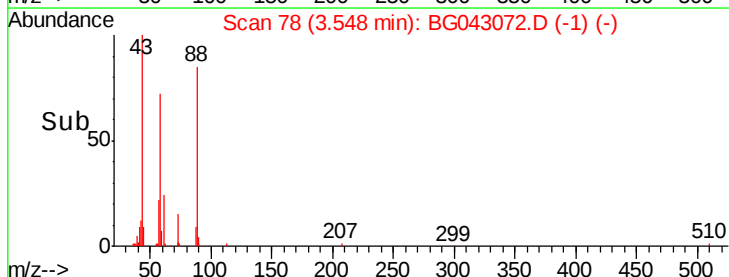
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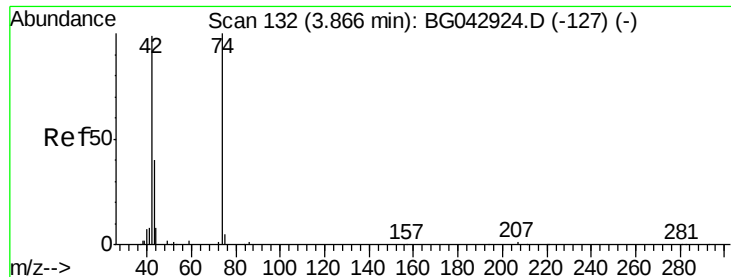
1,4-Dioxane
Concen: 39.851 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion: 88 Resp: 41745
Ion Ratio Lower Upper
88 100
58 83.7 74.3 111.5
43 136.4 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



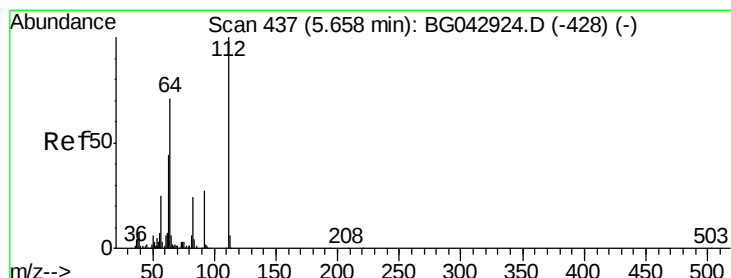
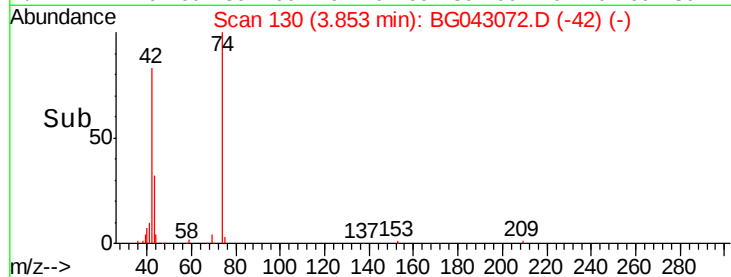
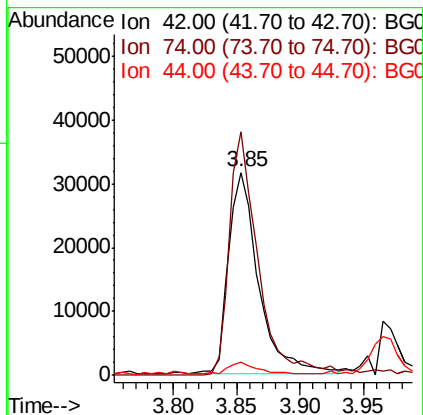
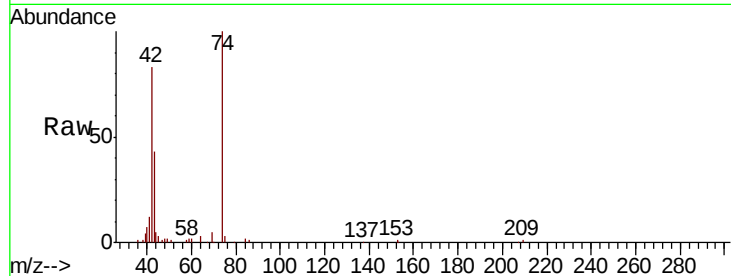


#4

n-Nitrosodimethylamine
 Concen: 36.401 ng
 RT: 3.85 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

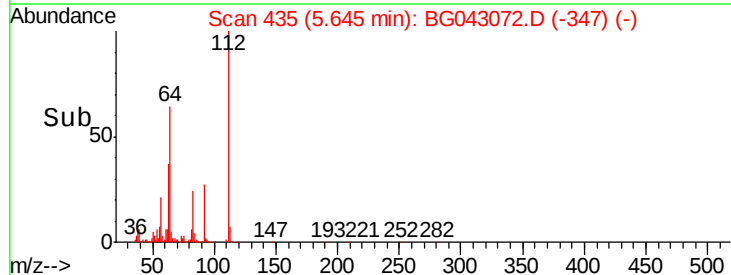
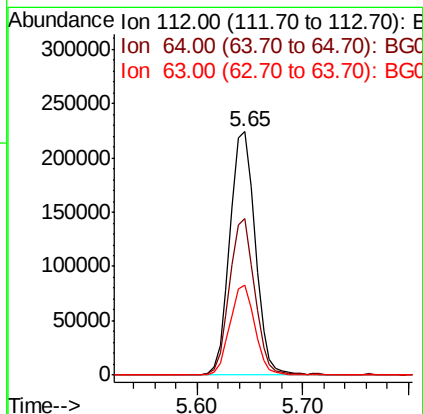
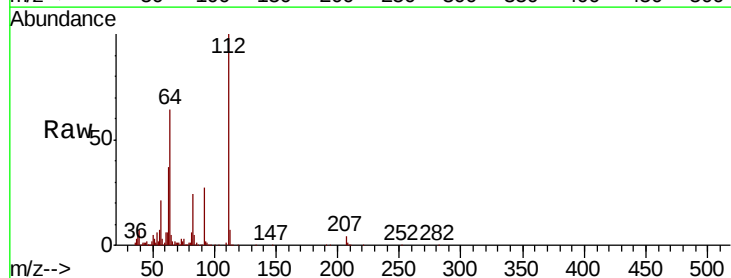
Tot Ion: 42 Resp: 51574
 Ion Ratio Lower Upper
 42 100
 74 119.8 80.5 120.7
 44 6.5 6.9 10.3#

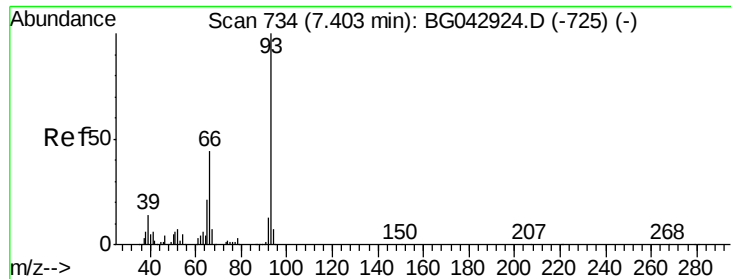


#5

2-Fluorophenol
 Concen: 148.049 ng
 RT: 5.65 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion: 112 Resp: 371968
 Ion Ratio Lower Upper
 112 100
 64 64.3 56.6 84.8
 63 36.8 35.1 52.7





#6

Aniline

Concen: 27.617 ng

RT: 7.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

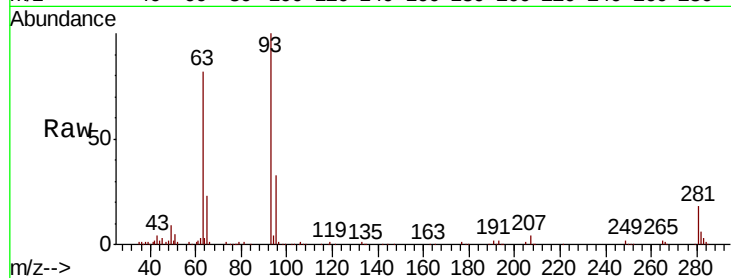
Tot Ion: 93 Resp: 120615

Ion Ratio Lower Upper

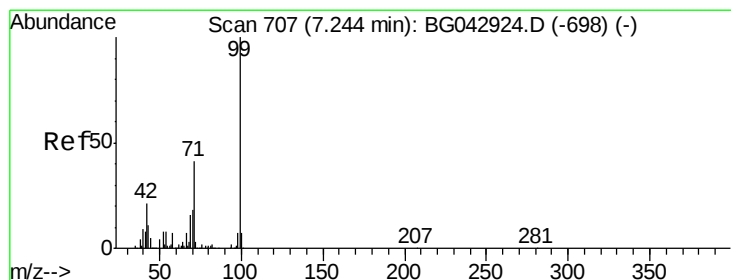
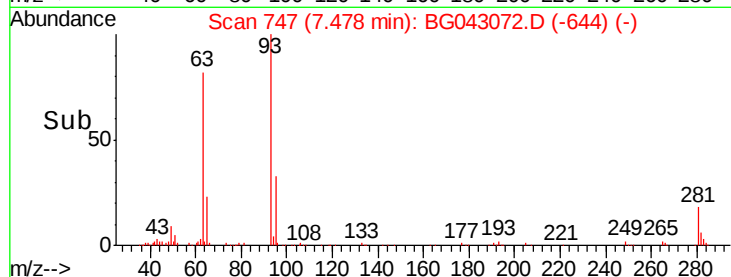
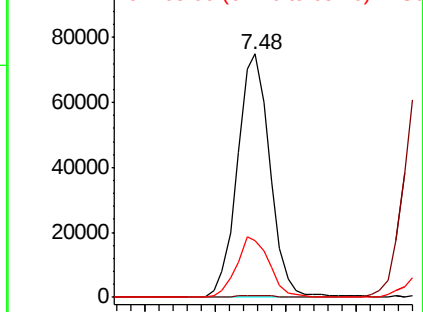
93 100

66 0.5 35.0 52.6#

65 23.3 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: 93.513 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

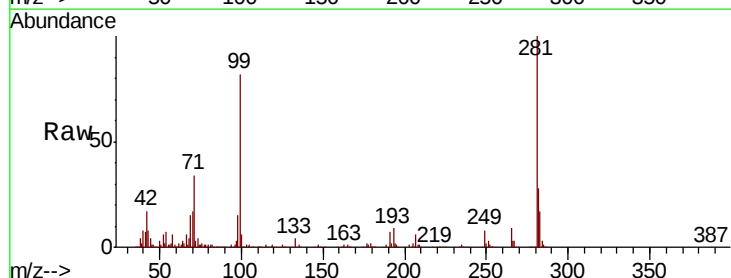
Tgt Ion: 99 Resp: 338338

Ion Ratio Lower Upper

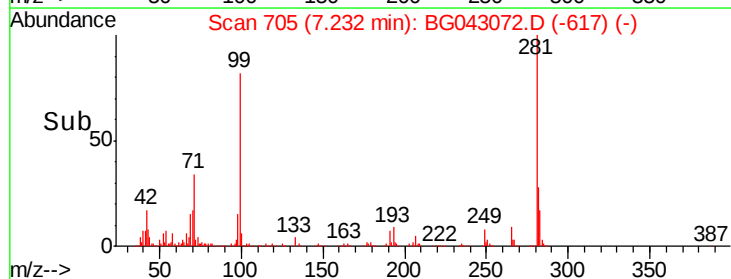
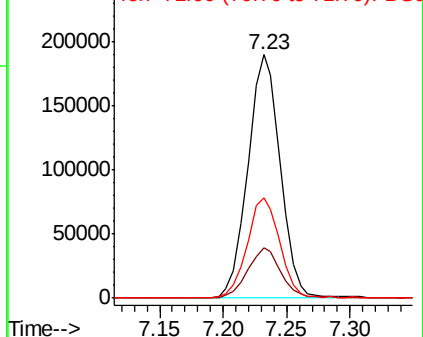
99 100

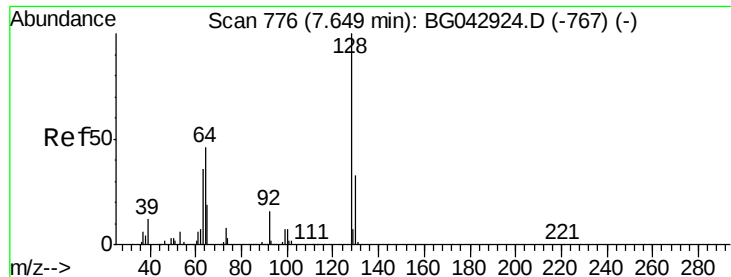
42 20.5 17.2 25.8

71 41.3 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: 53.956 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

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ClientSampleId :

HR-05-100219MSD

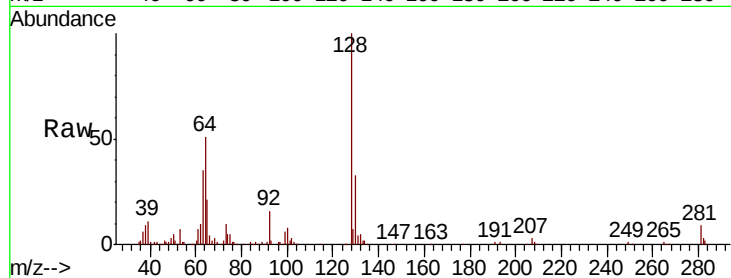
Tot Ion:128 Resp: 141375

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

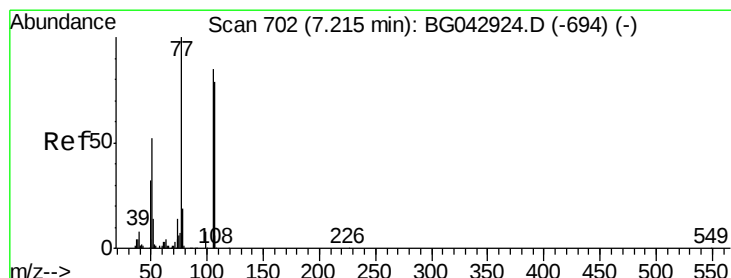
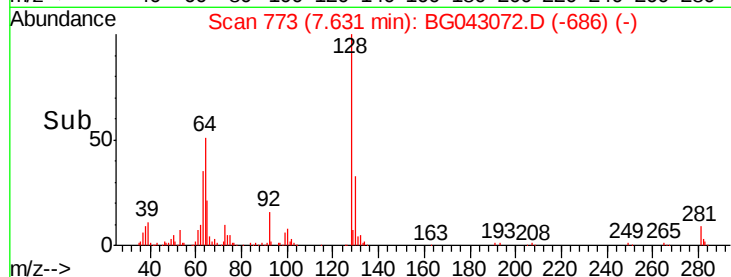
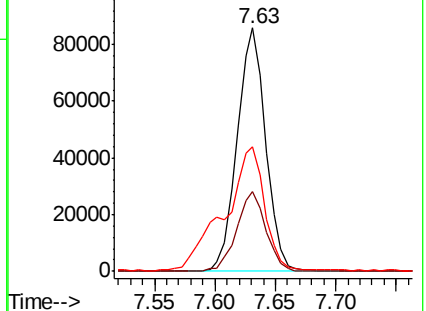
64 51.2 32.8 72.8



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: 18.376 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

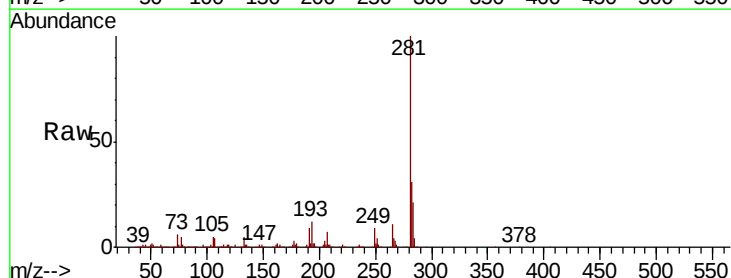
Tgt Ion: 77 Resp: 40628

Ion Ratio Lower Upper

77 100

105 104.3 64.6 104.6

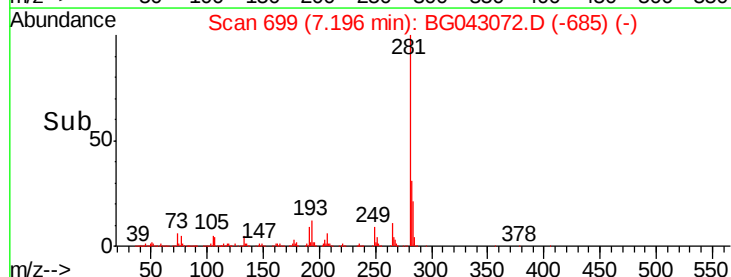
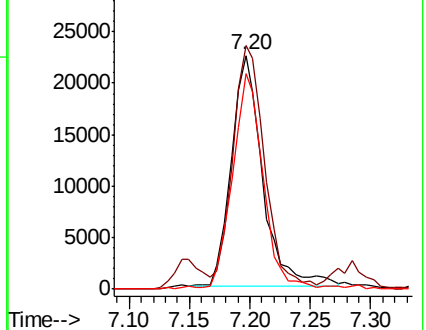
106 92.1 59.4 99.4

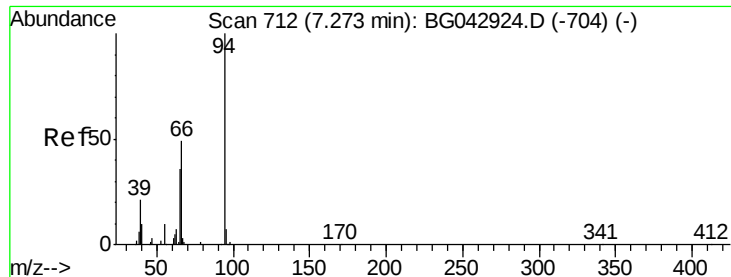


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 41.424 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

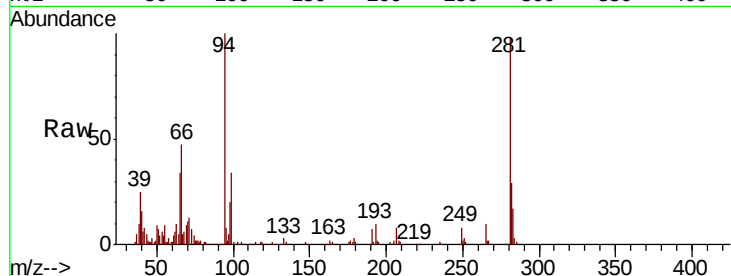
Tot Ion: 94 Resp: 137506

Ion Ratio Lower Upper

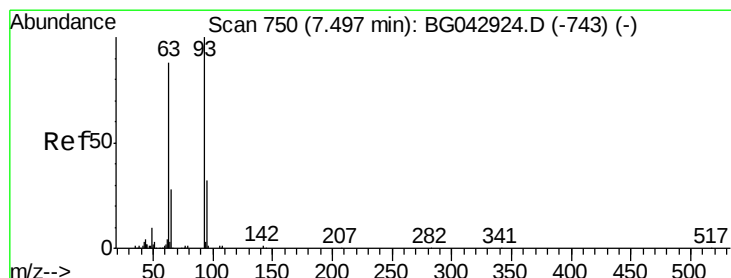
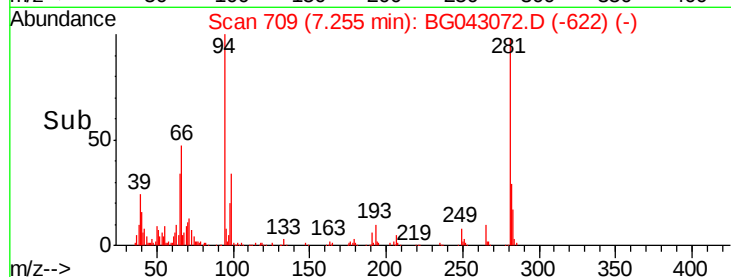
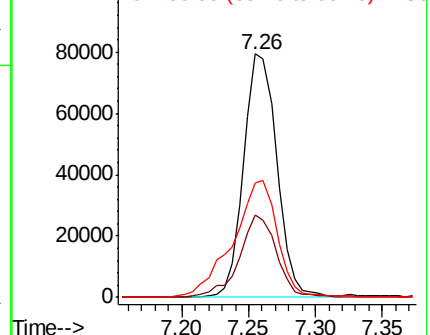
94 100

65 34.0 16.6 56.6

66 47.2 32.4 72.4



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



#11

bis(2-Chloroethyl)ether

Concen: 46.962 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

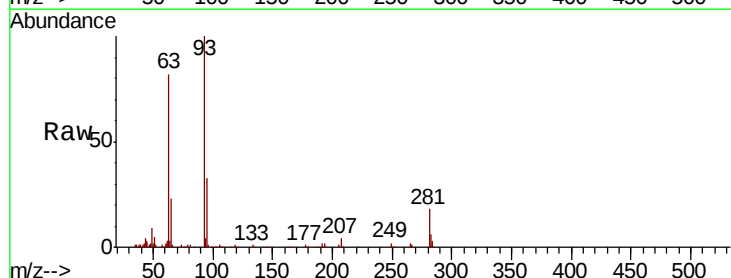
Tgt Ion: 93 Resp: 120615

Ion Ratio Lower Upper

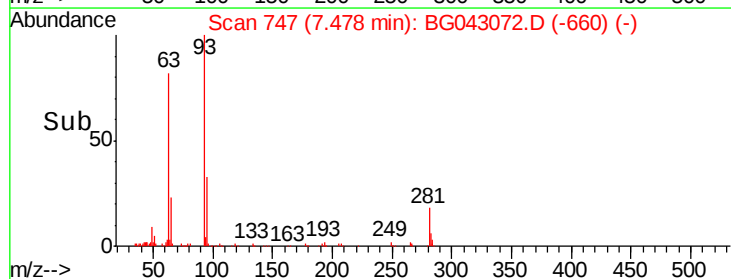
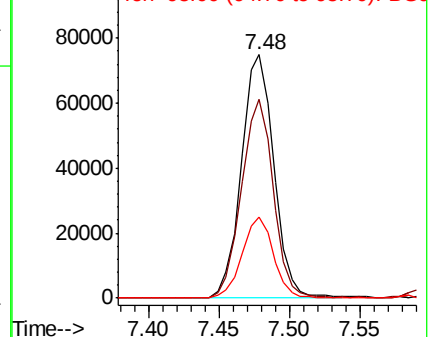
93 100

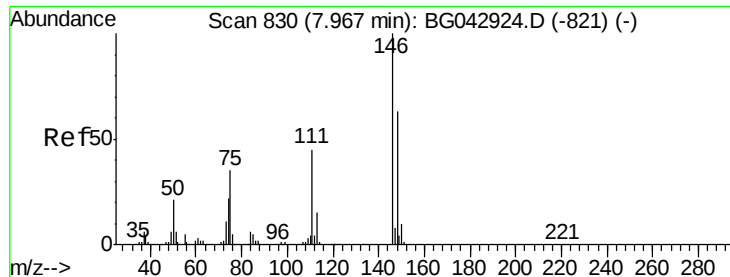
63 81.8 67.4 107.4

95 33.3 11.9 51.9



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

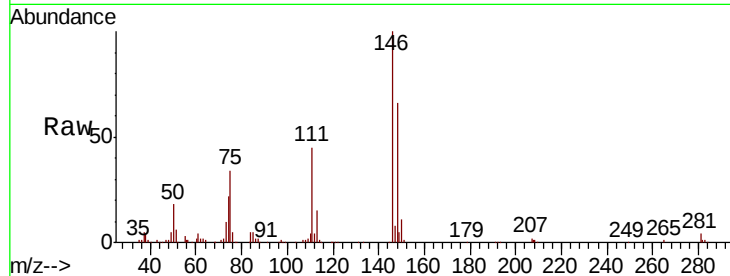




#12
 1,3-Dichlorobenzene
 Concen: 44.099 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.7	76.1
75	34.4	27.7	41.5

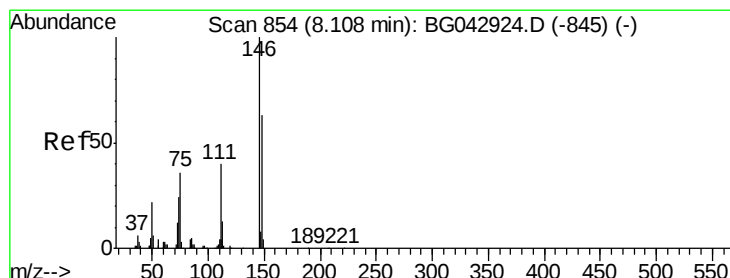
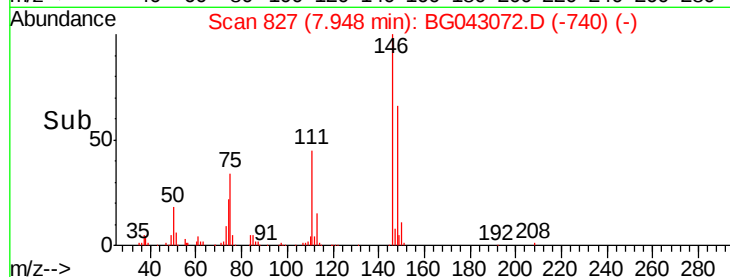
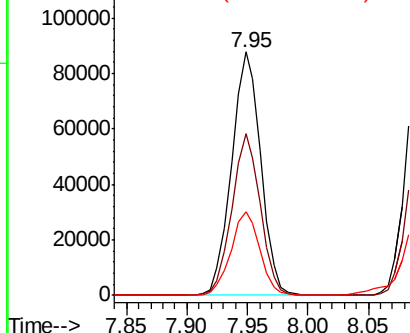


Abundance

Ion 146.00 (145.70 to 146.70): E

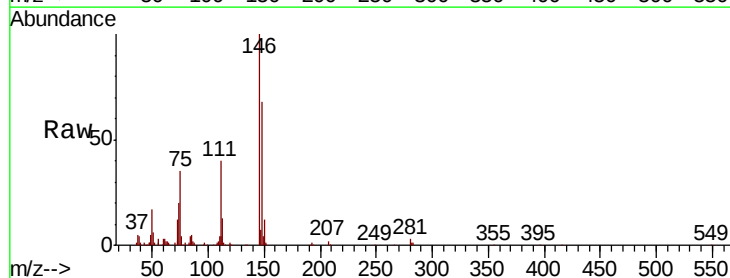
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13
 1,4-Dichlorobenzene
 Concen: 45.586 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	50.9	76.3
111	39.6	31.8	47.8

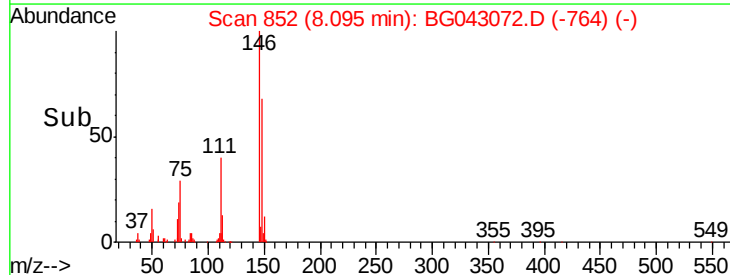
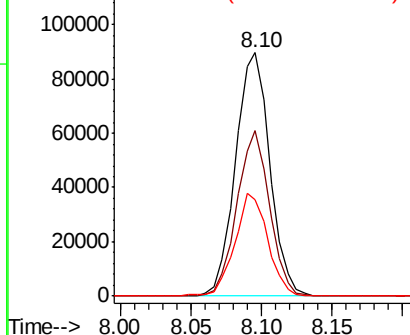


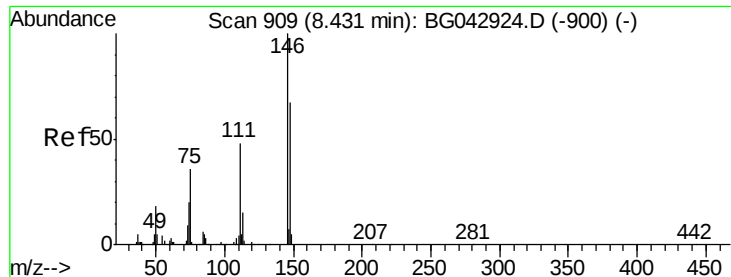
Abundance

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: 46.579 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

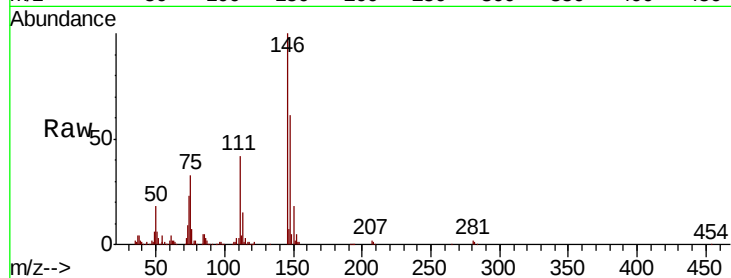
Tot Ion:146 Resp: 147762

Ion Ratio Lower Upper

146 100

148 61.3 53.4 80.2

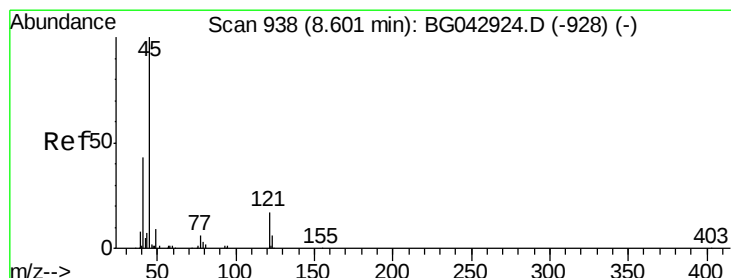
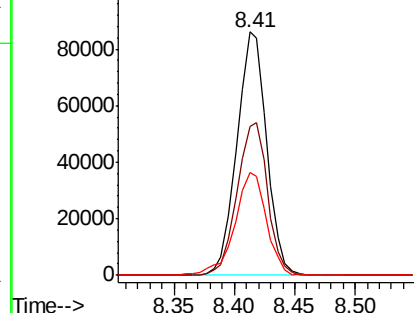
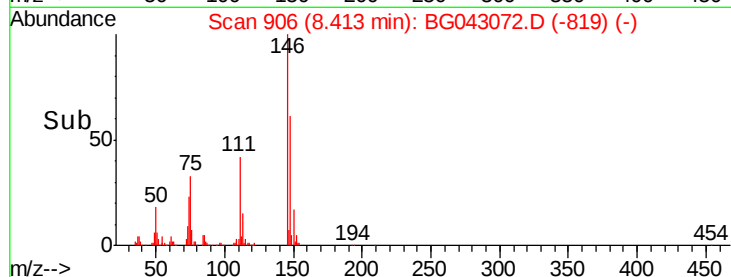
111 42.4 38.5 57.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.993 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

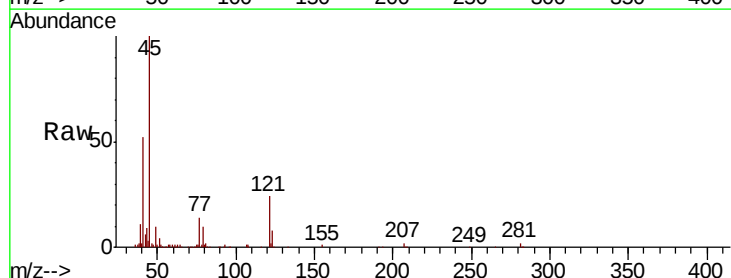
Tgt Ion: 45 Resp: 182465

Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.8

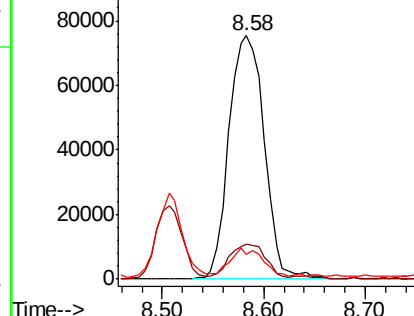
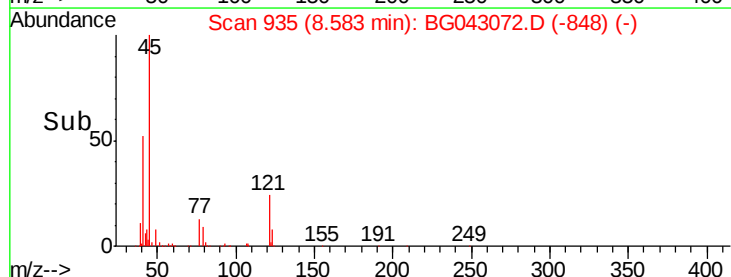
79 10.3 0.0 29.4

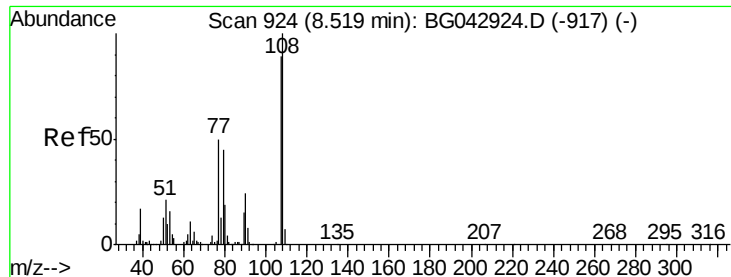


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 33.293 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion:107 Resp: 77329

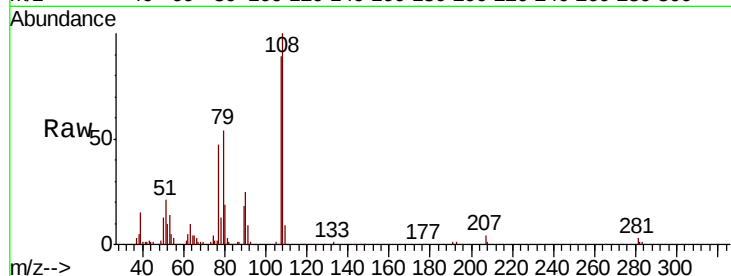
Ion Ratio Lower Upper

107 100

108 111.8 89.9 134.9

77 52.2 45.4 68.2

79 60.8 41.4 62.0

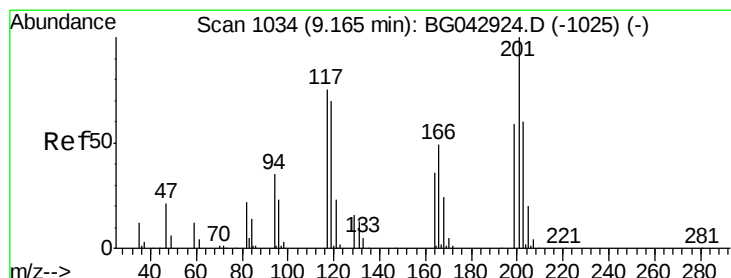
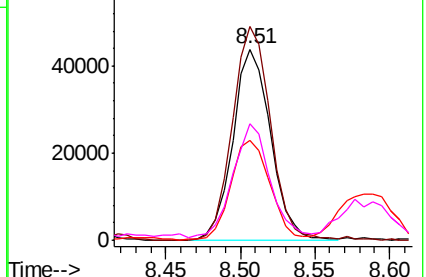
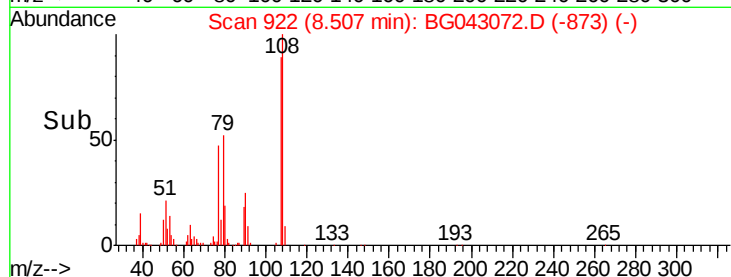


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.574 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

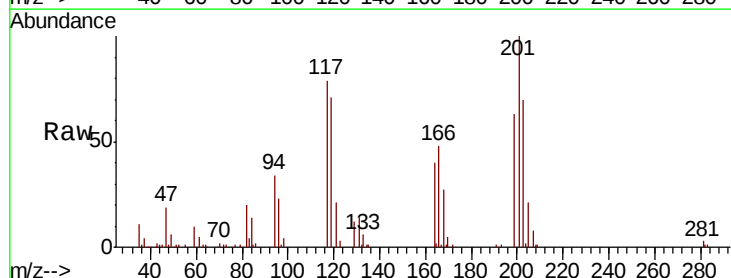
Tgt Ion:117 Resp: 54681

Ion Ratio Lower Upper

117 100

119 90.1 74.6 111.8

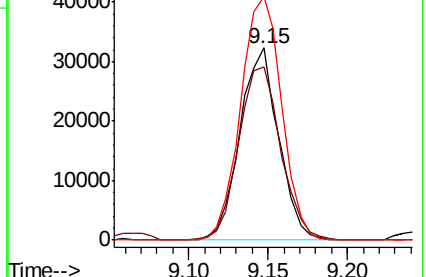
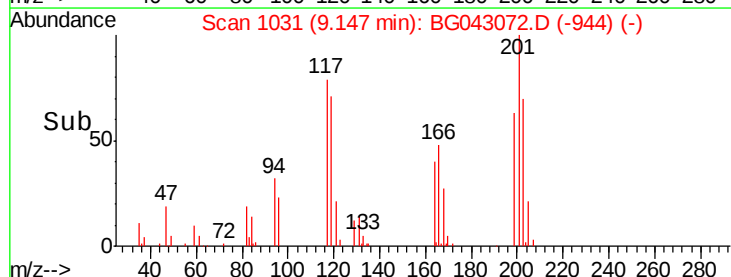
201 126.6 106.0 159.0

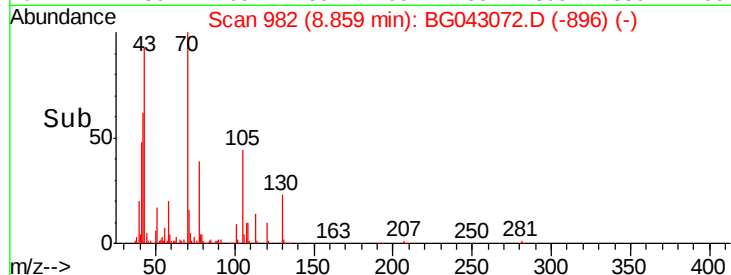
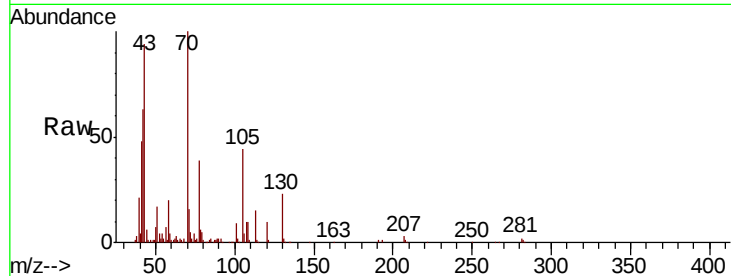
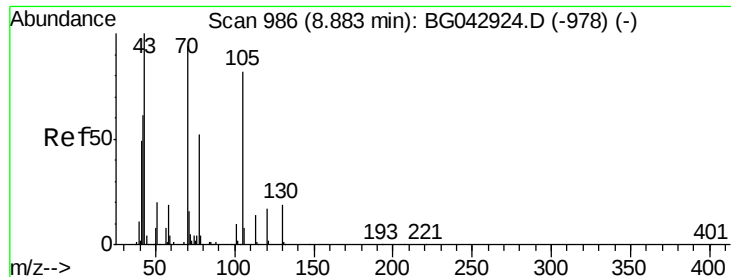


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

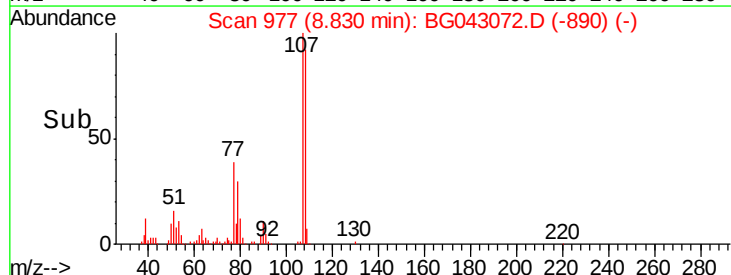
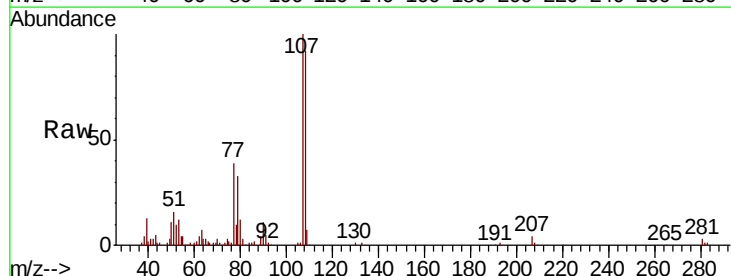
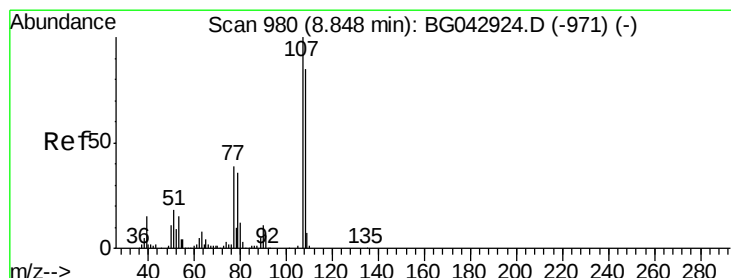
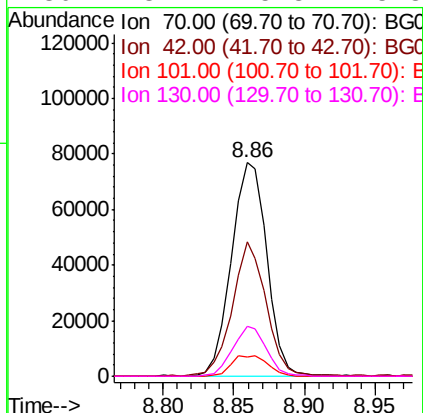




#19
n-Nitroso-di-n-propylamine
Concen: 56.479 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

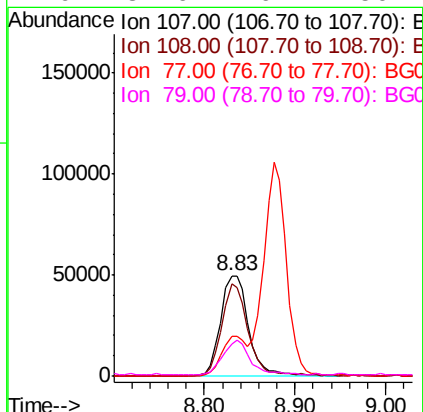
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

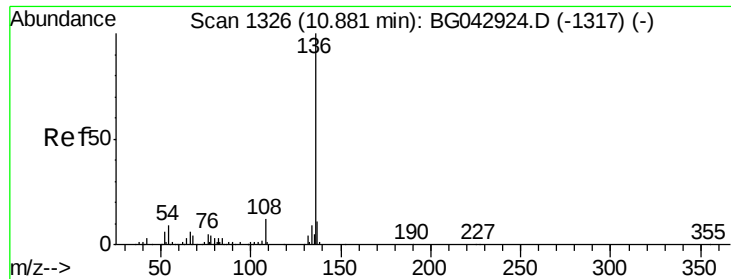
Tot Ion: 70 Resp: 134180
Ion Ratio Lower Upper
70 100
42 62.8 52.6 79.0
101 9.0 8.7 13.1
130 23.1 15.8 23.8



#20
3+4-Methylphenols
Concen: 33.427 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion: 107 Resp: 106400
Ion Ratio Lower Upper
107 100
108 92.3 64.9 104.9
77 39.2 19.4 59.4
79 32.6 16.2 56.2

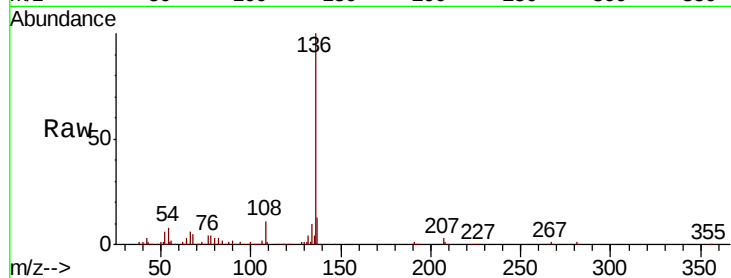




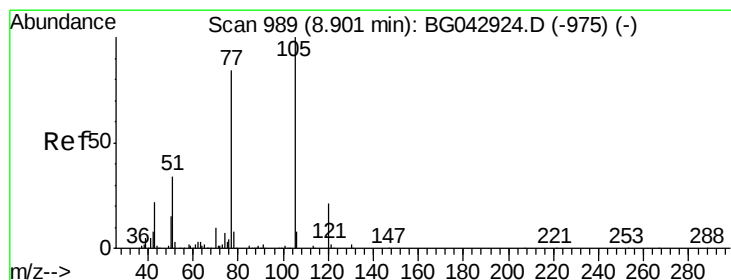
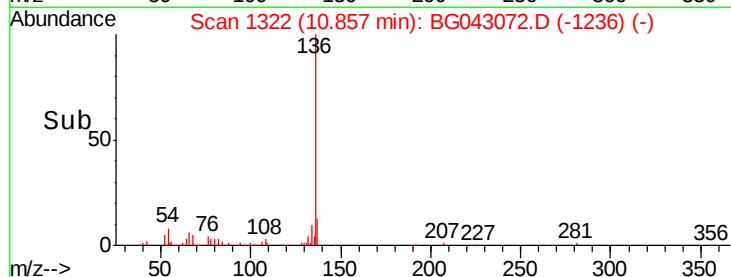
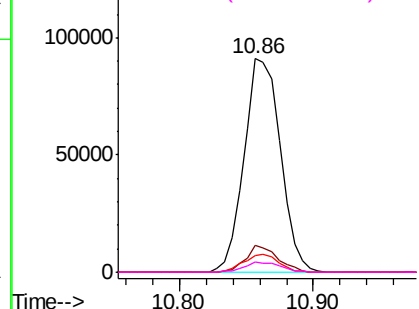
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion:136	Resp:	171048
Ion Ratio	Lower	Upper
136 100		
137 12.6	8.5	12.7
54 7.9	7.4	11.2
68 4.5	3.6	5.4

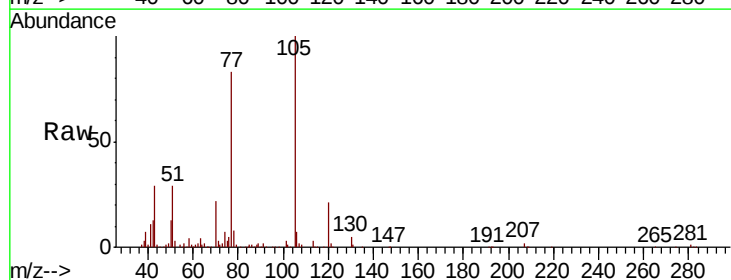


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

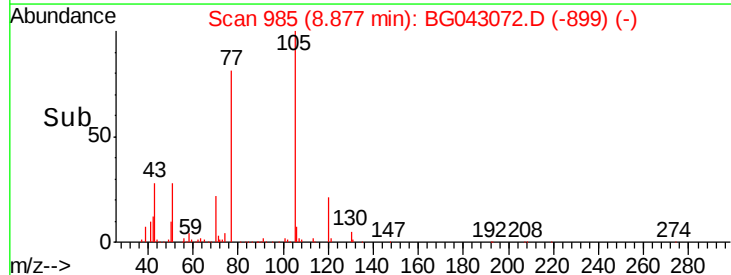
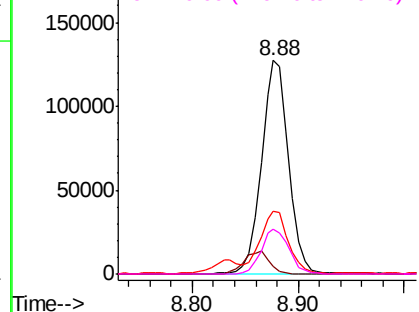


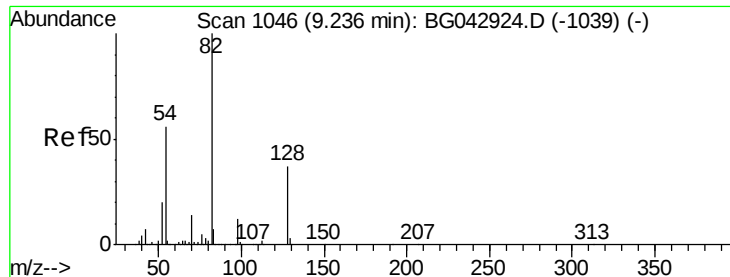
#22
Acetophenone
Concen: 51.303 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt	Ion:105	Resp:	226201
Ion	Ratio	Lower	Upper
105	100		
71	3.3	1.2	1.8#
51	29.3	27.2	40.8
120	21.0	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

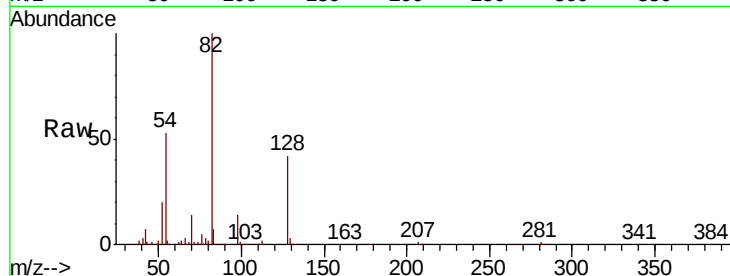




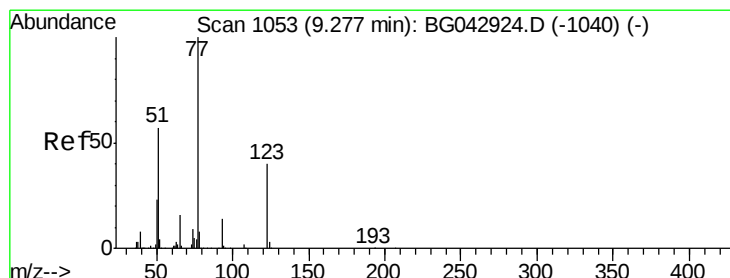
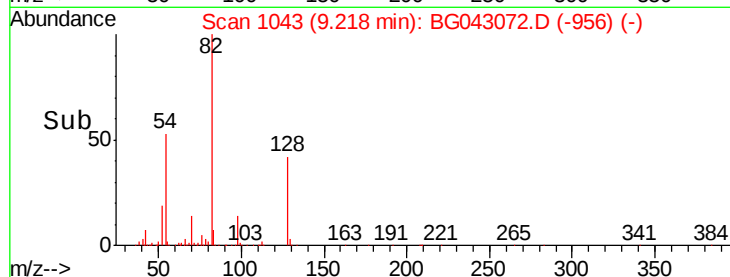
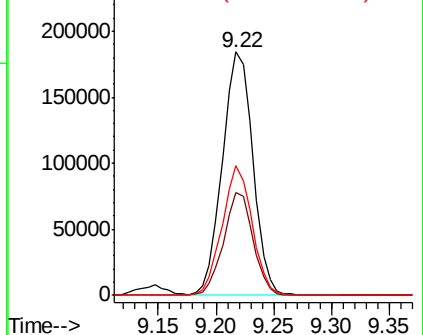
#23
Nitrobenzene-d5
Concen: 96.074 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	82	Resp	338096
Ion Ratio	Lower	Upper	
82	100		
128	42.3	29.5	44.3
54	53.3	44.6	67.0

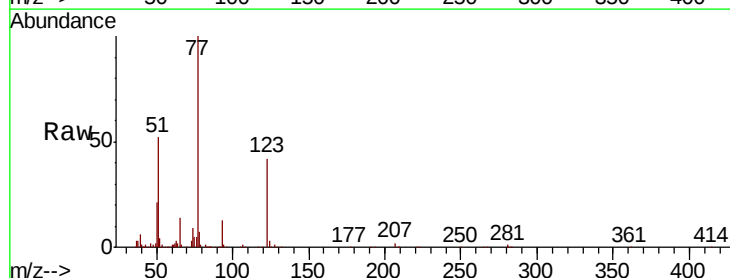


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

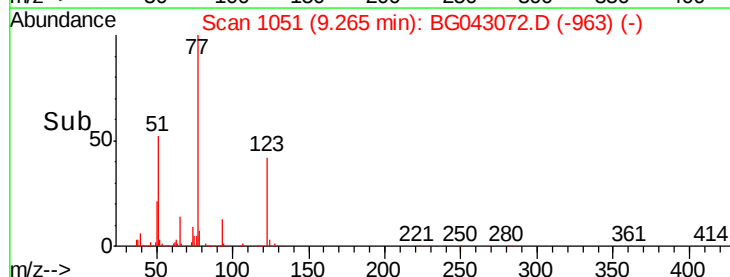
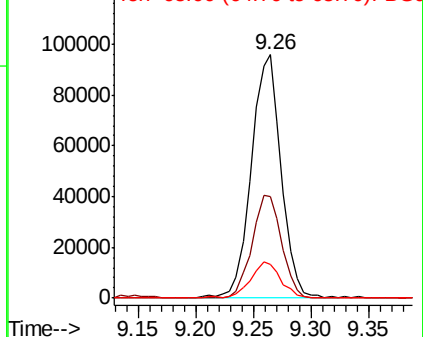


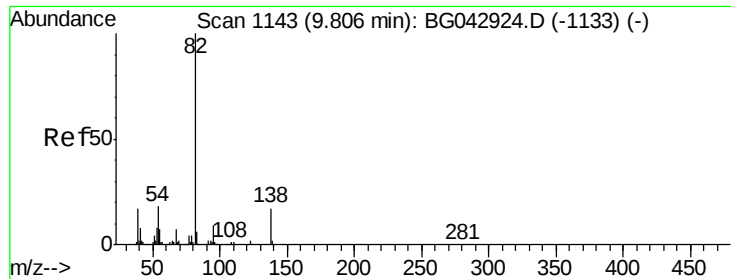
#24
Nitrobenzene
Concen: 51.257 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	77	Resp	172055
Ion Ratio	Lower	Upper	
77	100		
123	41.7	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: 61.669 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

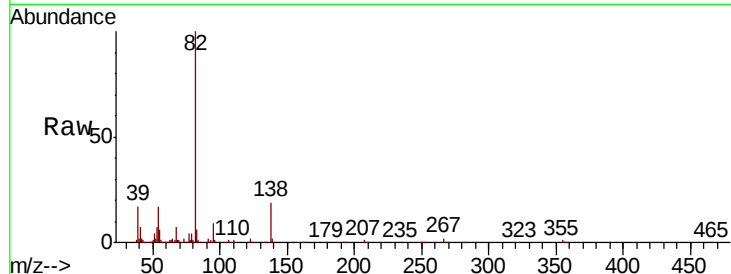
Tot Ion: 82 Resp: 381208

Ion Ratio Lower Upper

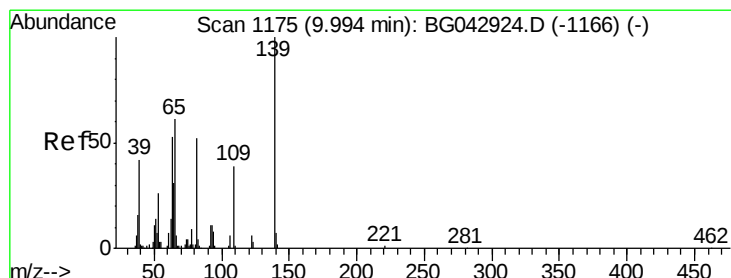
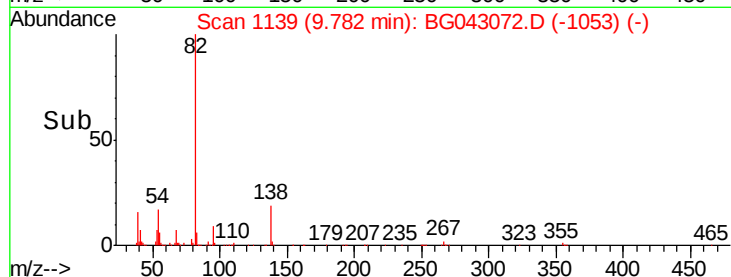
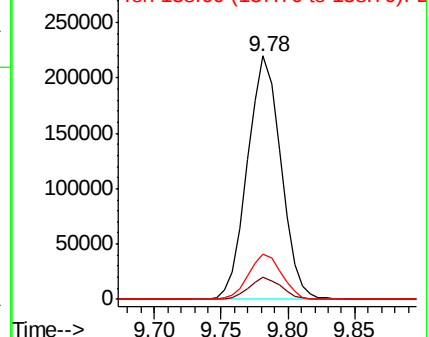
82 100

95 9.4 7.0 10.4

138 18.6 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: 58.411 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

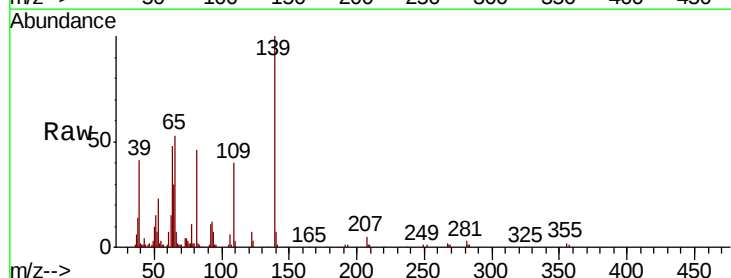
Tgt Ion: 139 Resp: 83466

Ion Ratio Lower Upper

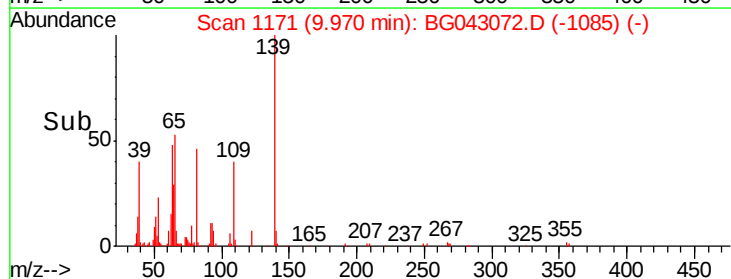
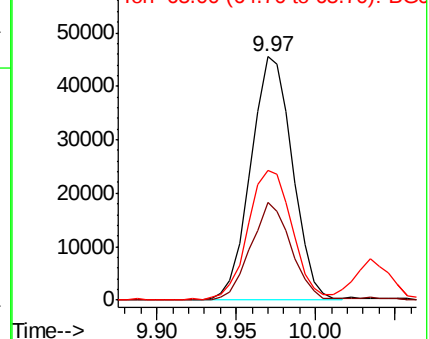
139 100

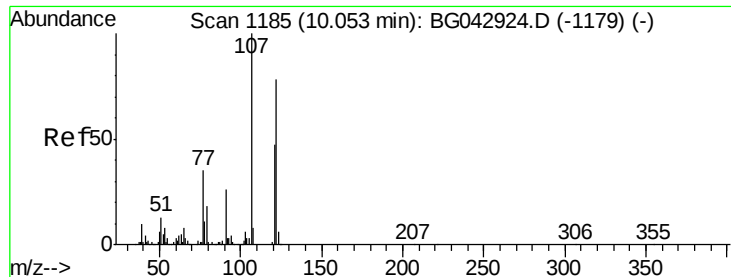
109 40.3 31.0 46.6

65 53.2 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

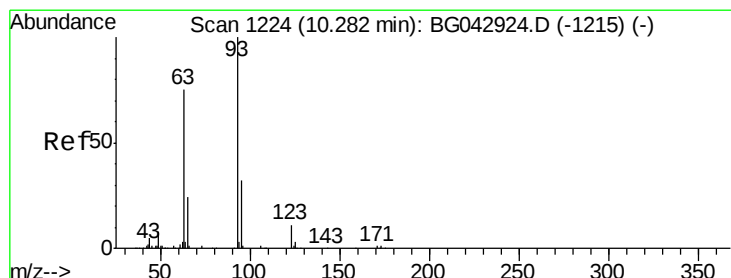
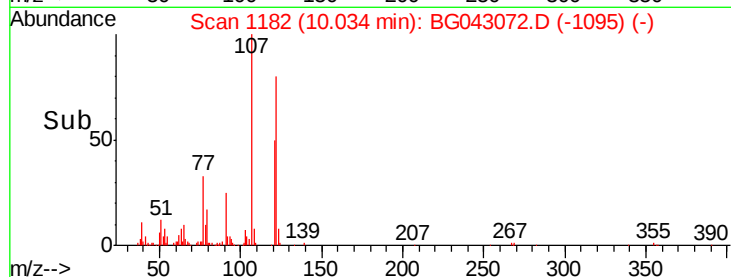
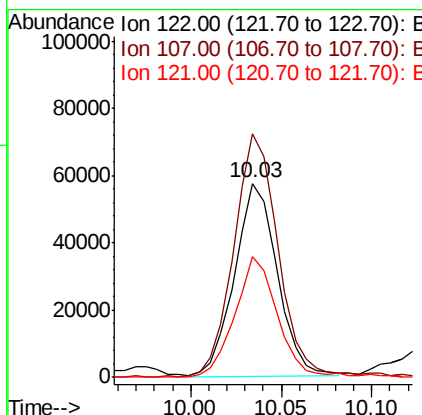
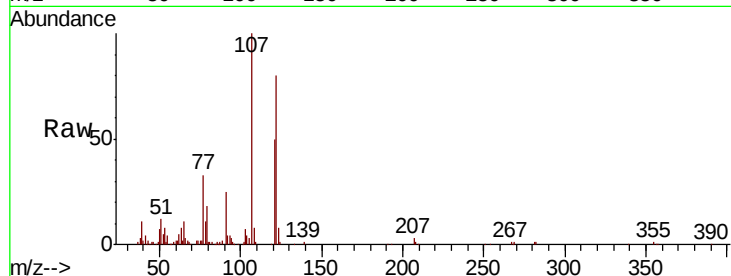




#27
2,4-Dimethylphenol
Concen: 43.055 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

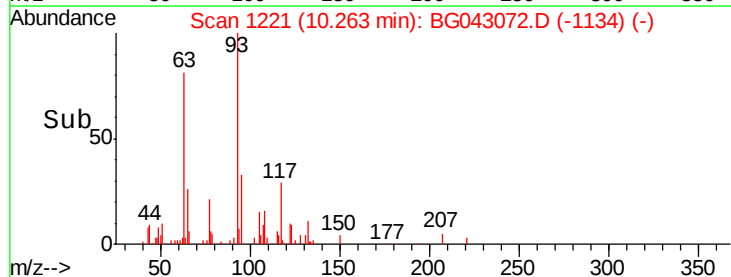
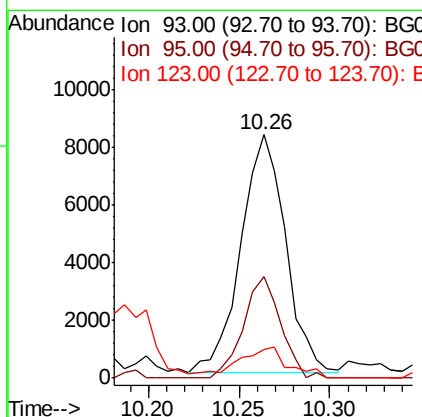
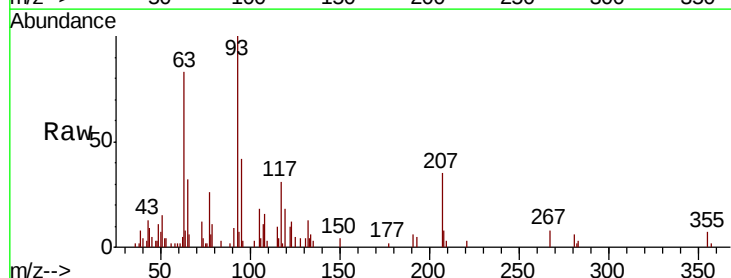
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

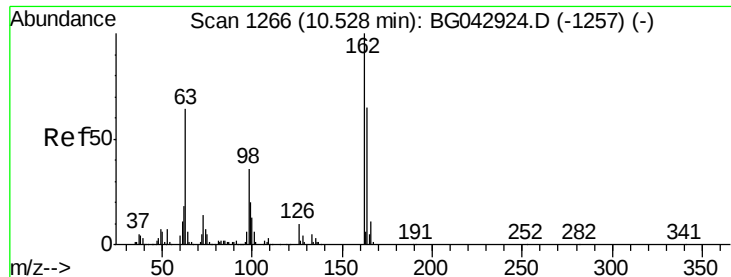
Tot Ion:122 Resp: 94482
Ion Ratio Lower Upper
122 100
107 125.5 102.2 153.2
121 62.3 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 4.051 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion: 93 Resp: 14209
Ion Ratio Lower Upper
93 100
95 41.6 25.4 38.0#
123 11.9 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 60.892 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

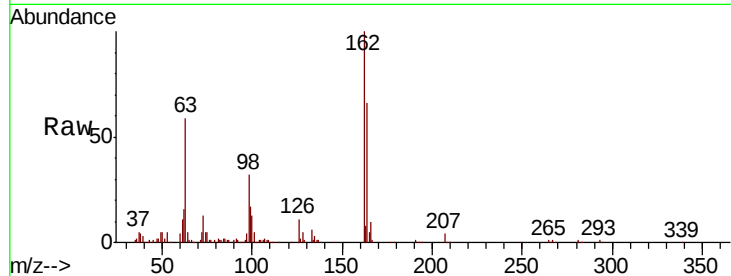
Tot Ion:162 Resp: 166189

Ion Ratio Lower Upper

162 100

164 66.0 44.7 84.7

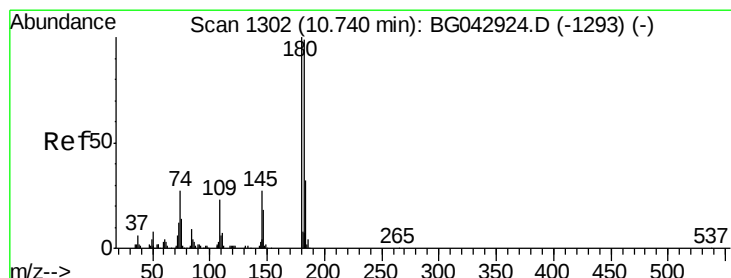
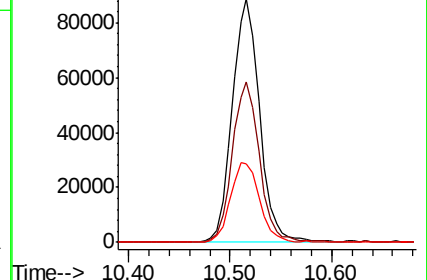
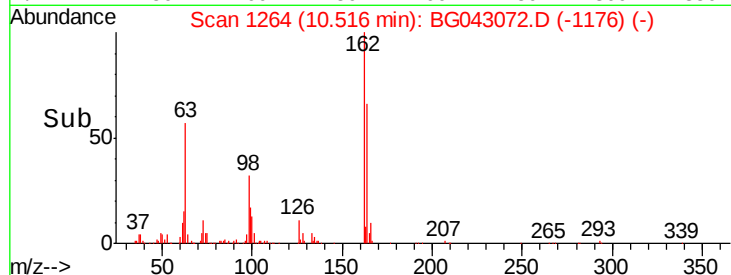
98 32.1 16.0 56.0



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: 47.858 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

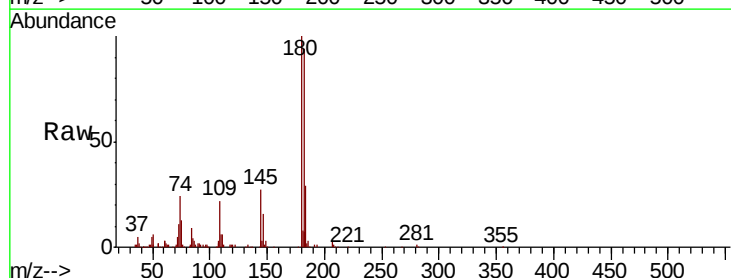
Tgt Ion:180 Resp: 168674

Ion Ratio Lower Upper

180 100

182 93.8 79.3 118.9

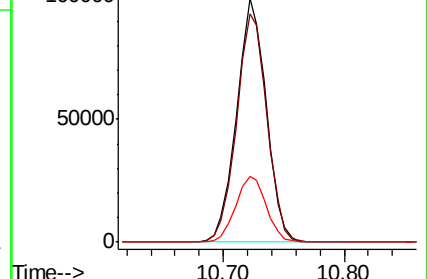
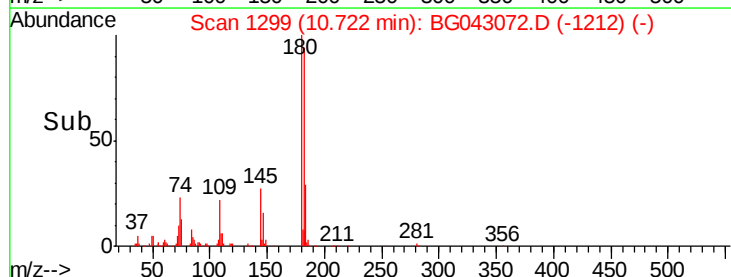
145 26.8 22.0 33.0

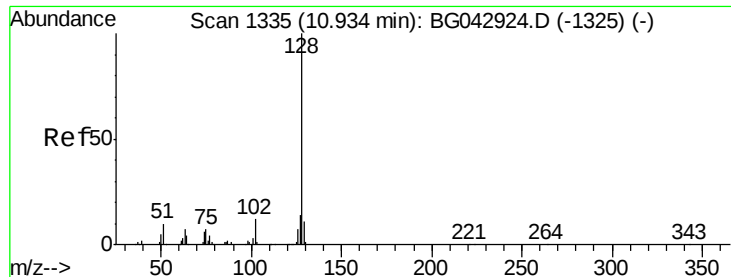


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

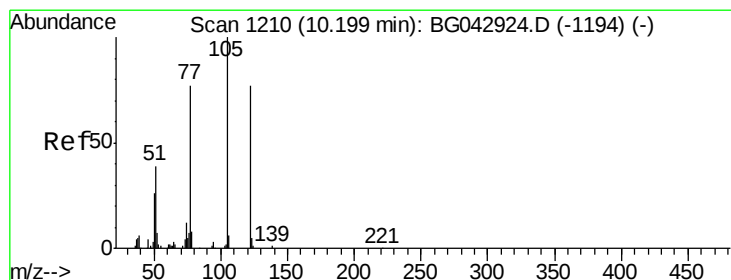
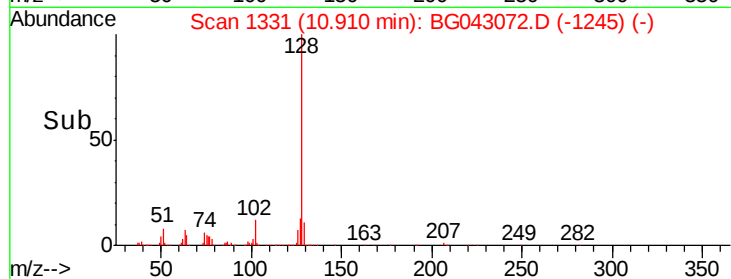
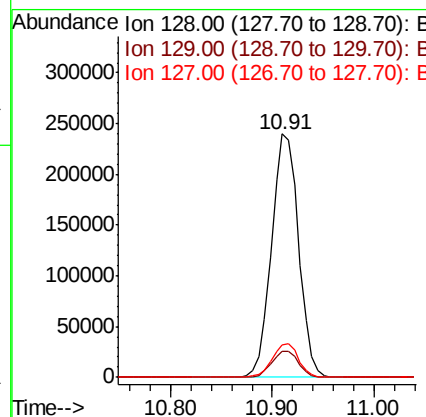
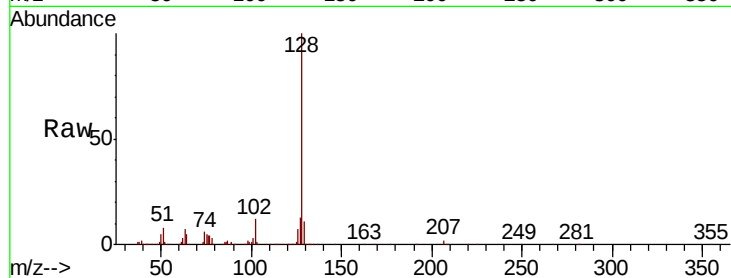




#31
Naphthalene
Concen: 52.756 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

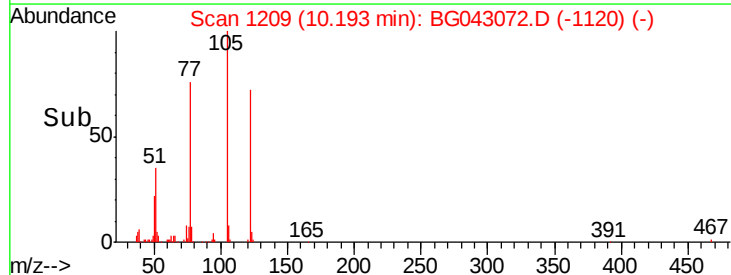
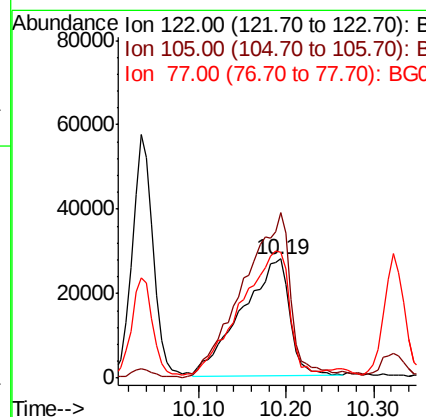
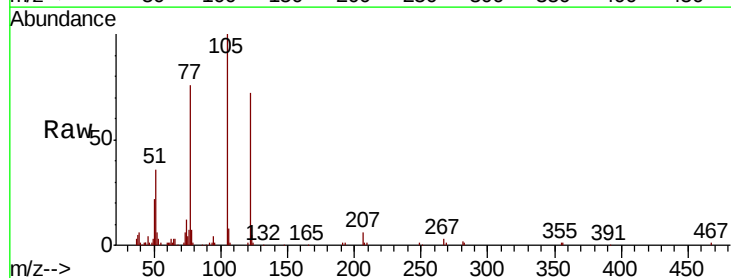
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

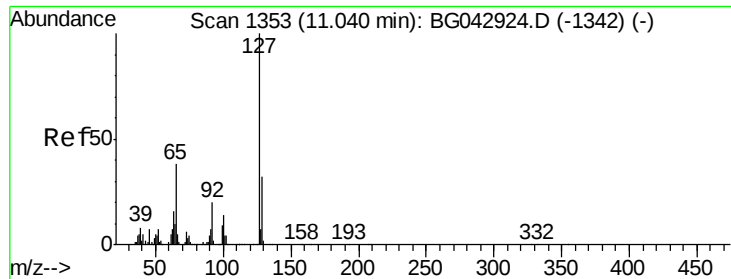
Tot Ion:128 Resp: 444211
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 11.3 16.9



#32
Benzoic acid
Concen: 58.146 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion:122 Resp: 103576
Ion Ratio Lower Upper
122 100
105 139.0 107.5 147.5
77 105.8 79.8 119.8

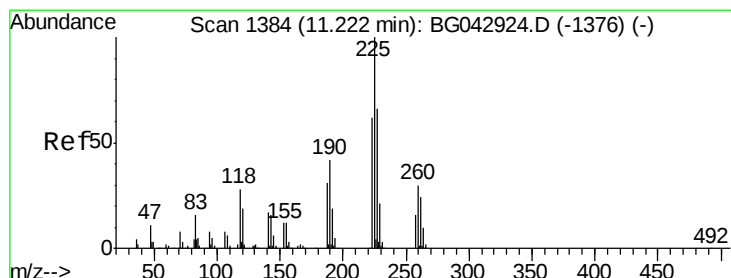
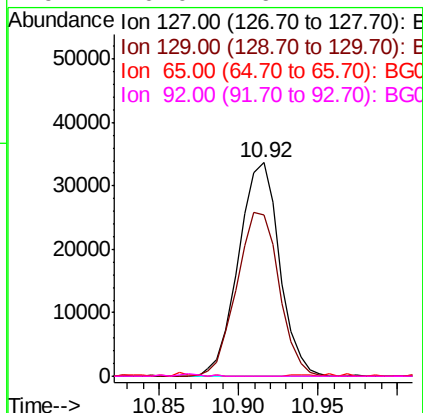
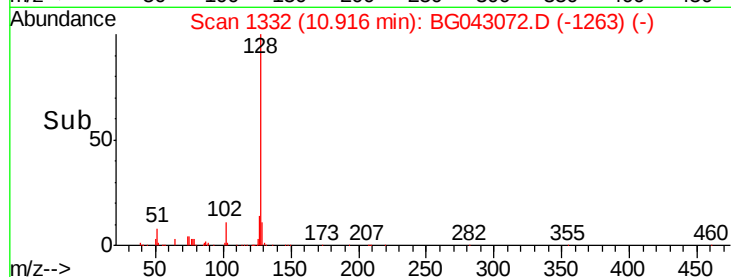
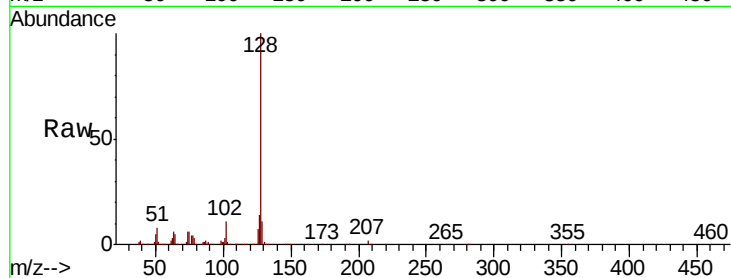




#33
4-Chloroaniline
Concen: 16.582 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.12 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

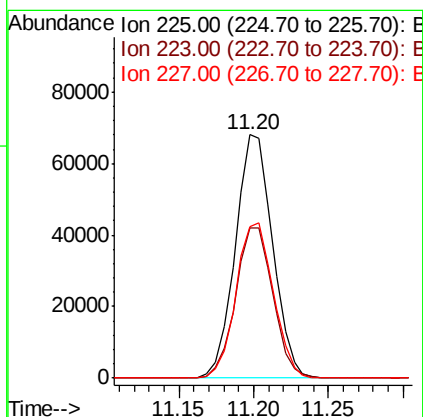
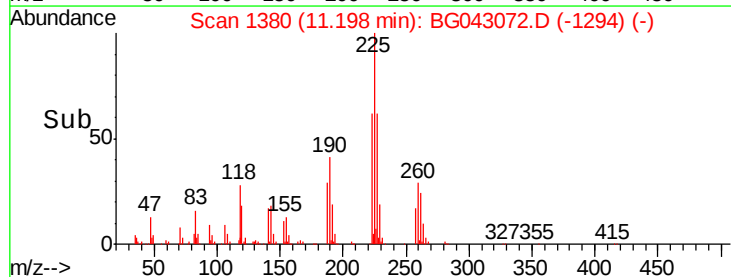
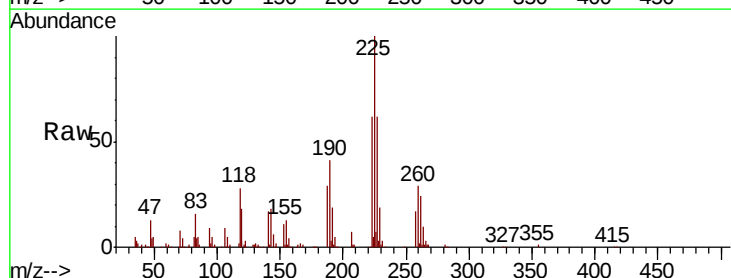
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

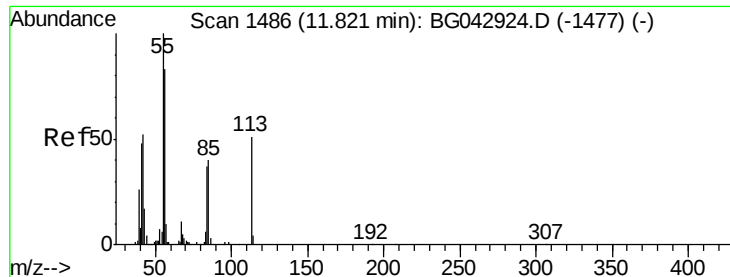
Tot Ion:127 Resp: 60587
Ion Ratio Lower Upper
127 100
129 75.8 26.2 39.2#
65 0.0 30.6 45.8#
92 0.0 16.2 24.4#



#34
Hexachlorobutadiene
Concen: 44.628 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion:225 Resp: 117772
Ion Ratio Lower Upper
225 100
223 61.8 49.3 73.9
227 62.3 52.8 79.2

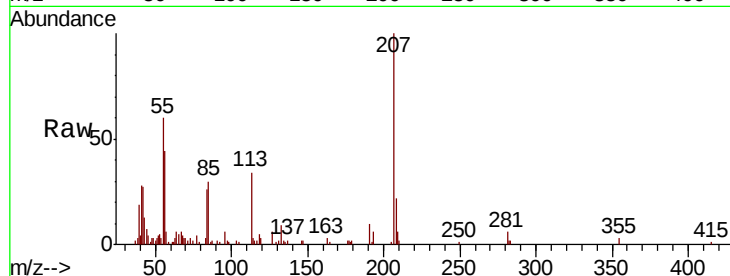




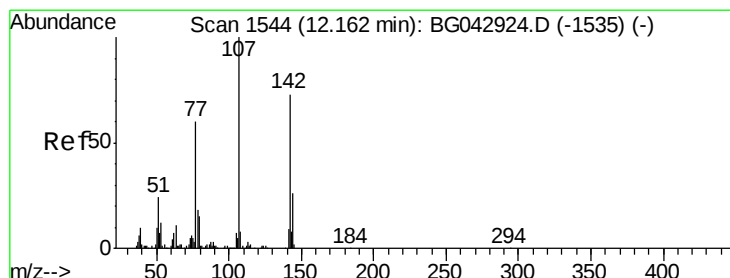
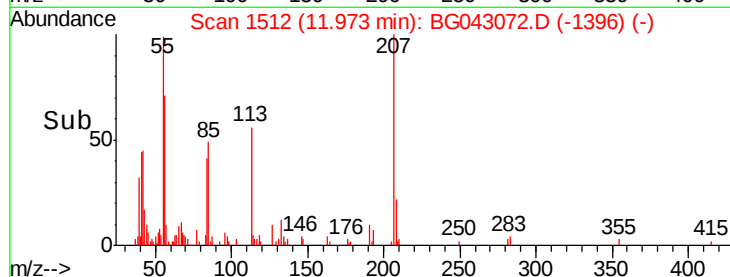
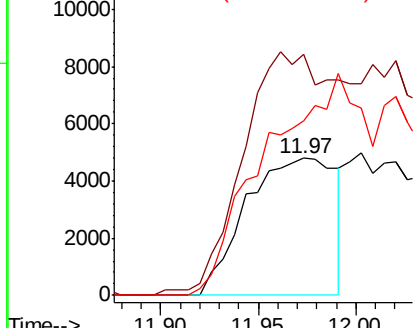
#35
Caprolactam
Concen: 15.847 ng
RT: 11.97 min Scan# 1512
Delta R.T. 0.15 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion:113 Resp: 15252
Ion Ratio Lower Upper
113 100
55 176.3 175.5 215.5
56 127.6 142.3 182.3#

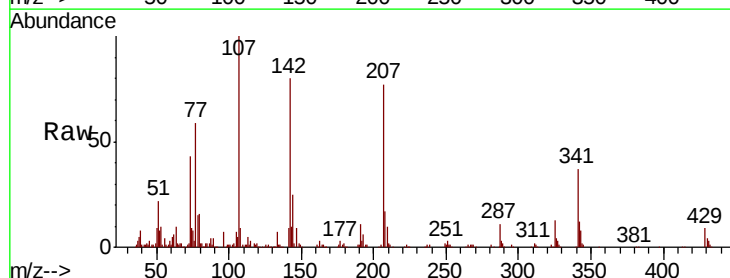


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

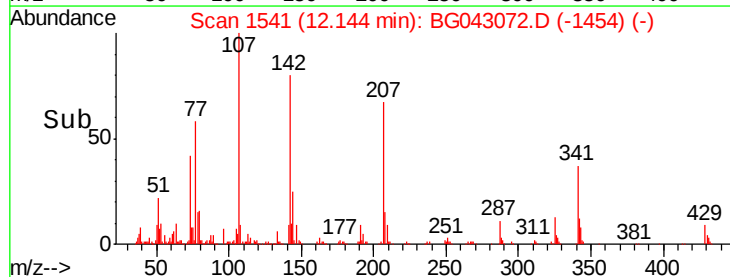
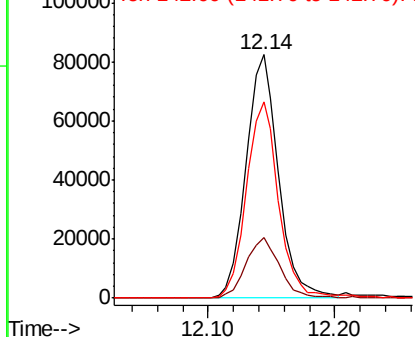


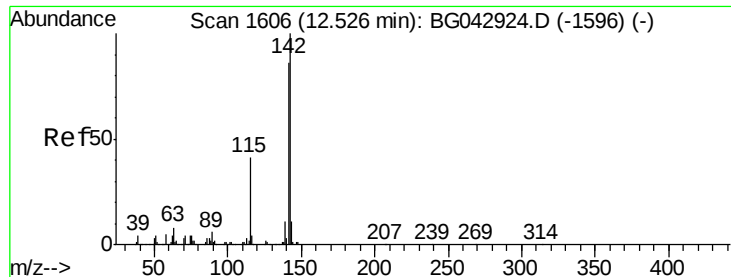
#36
4-Chloro-3-methylphenol
Concen: 49.525 ng
RT: 12.14 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion:107 Resp: 146964
Ion Ratio Lower Upper
107 100
144 24.7 20.7 31.1
142 80.5 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.091 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

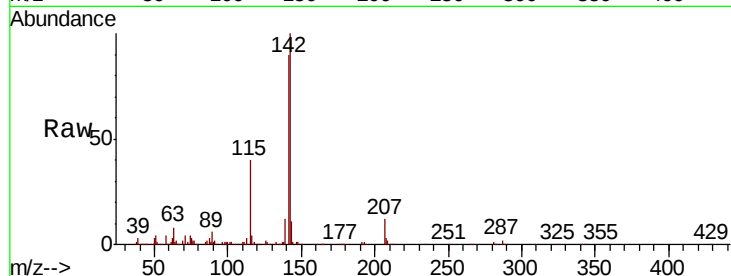
Tot Ion:142 Resp: 341029

Ion Ratio Lower Upper

142 100

141 89.9 69.0 103.4

115 39.8 32.8 49.2

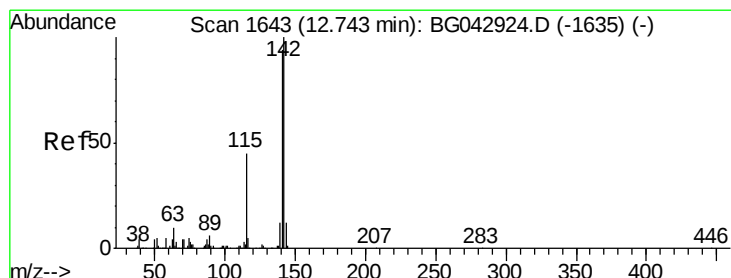
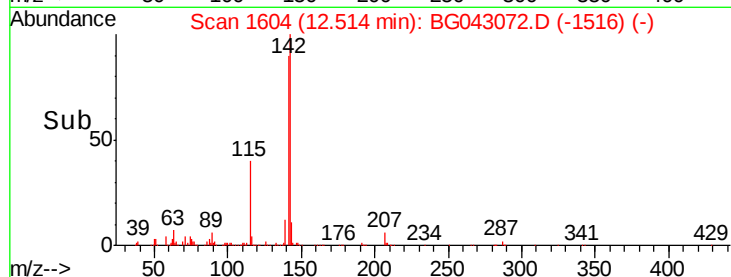
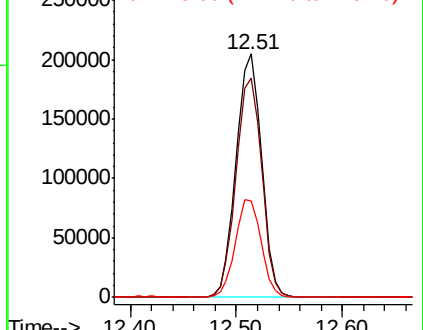


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 53.603 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

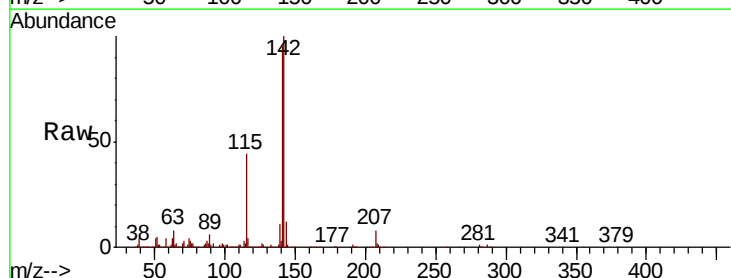
Tgt Ion:142 Resp: 325805

Ion Ratio Lower Upper

142 100

141 95.0 74.9 112.3

116 4.4 3.7 5.5

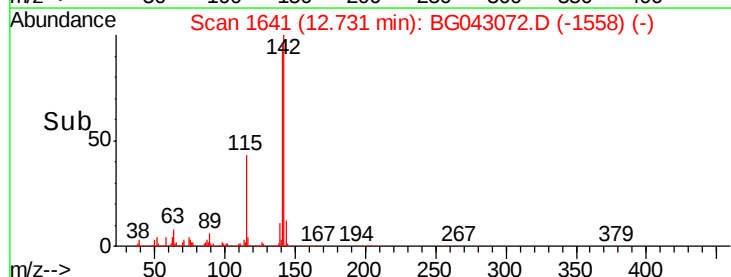
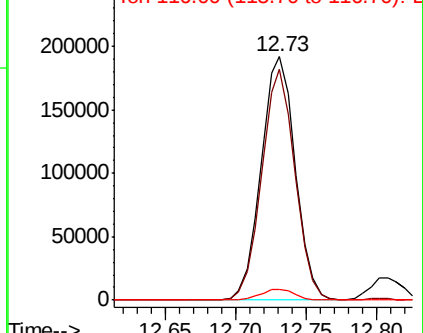


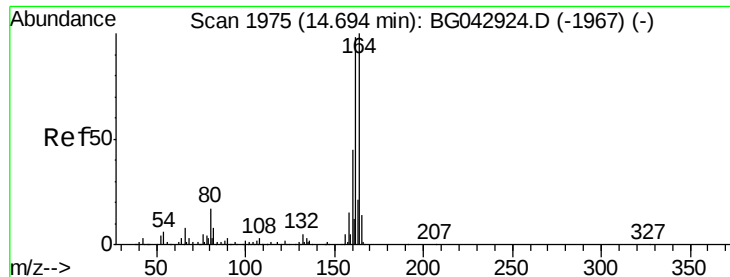
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

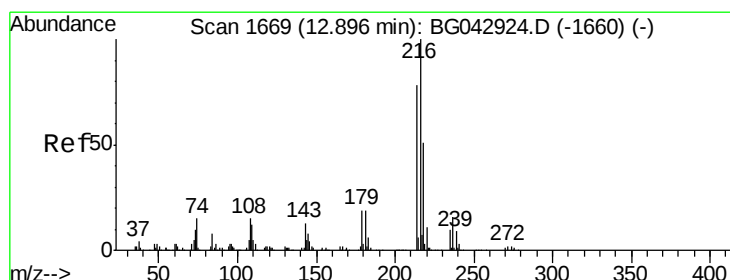
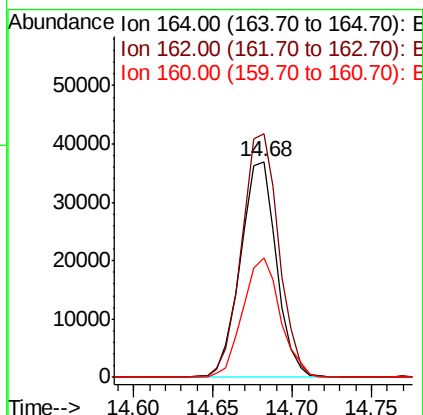
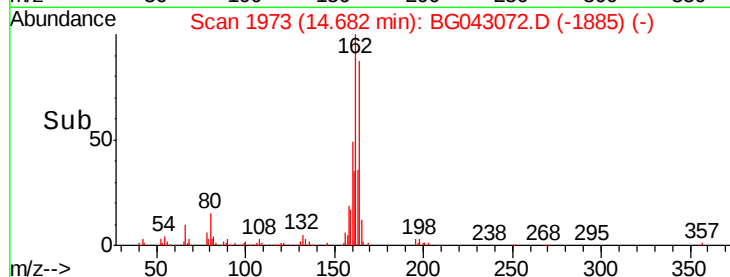
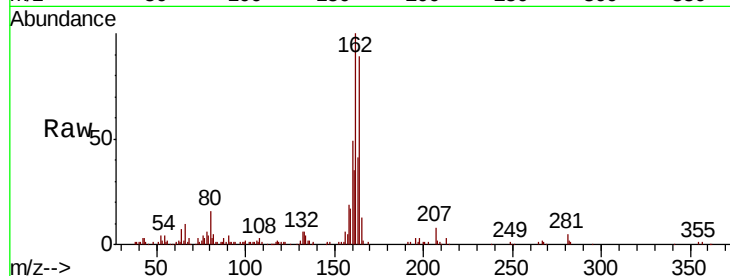
Tot Ion:164 Resp: 58231

Ion Ratio Lower Upper

164 100

162 112.7 78.5 117.7

160 55.3 35.9 53.9#



#40

1,2,4,5-Tetrachlorobenzene

Concen: 102.274 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:216 Resp: 223923

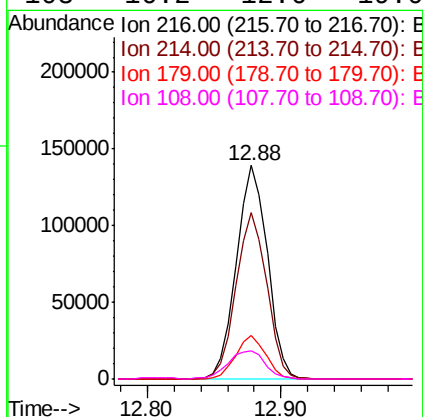
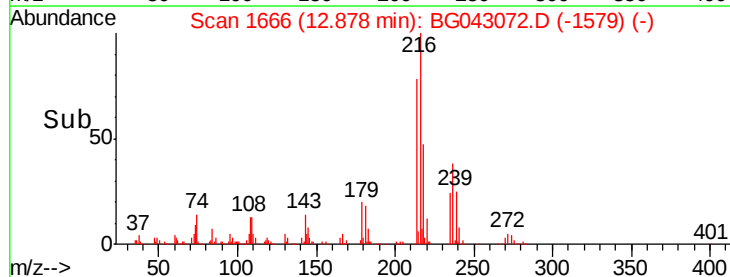
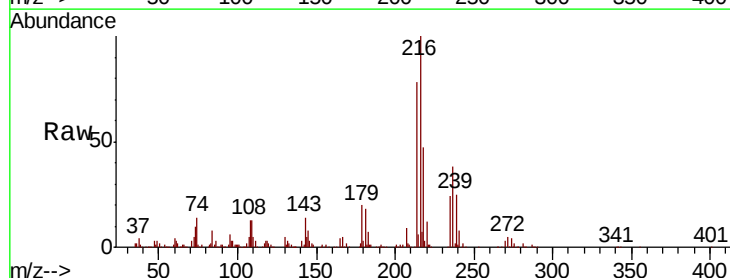
Ion Ratio Lower Upper

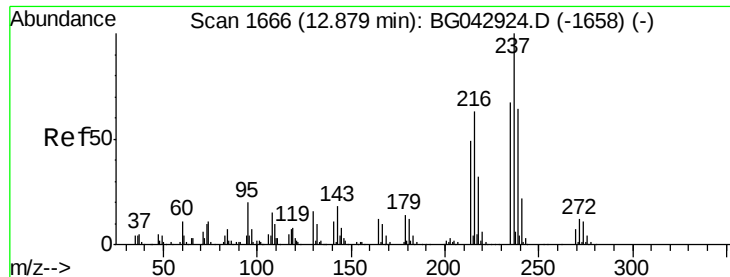
216 100

214 77.2 62.4 93.6

179 20.1 15.4 23.2

108 16.2 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 204.032 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

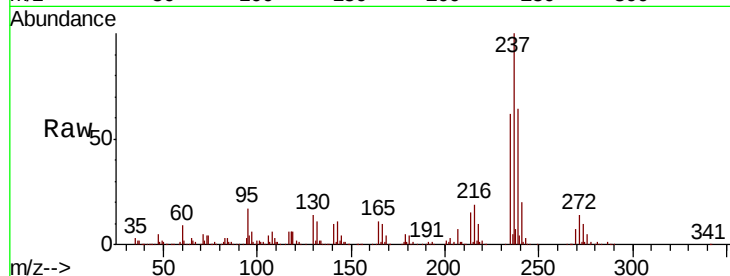
Tot Ion:237 Resp: 284627

Ion Ratio Lower Upper

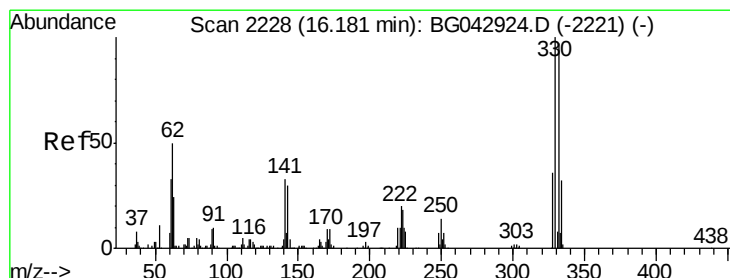
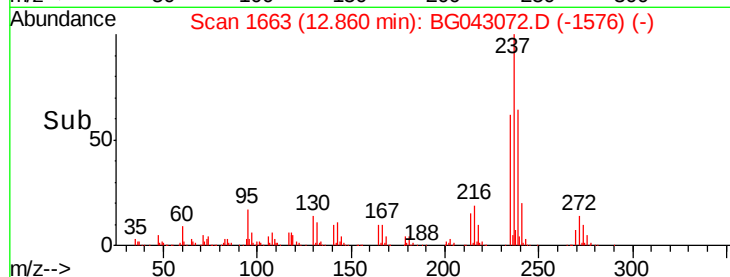
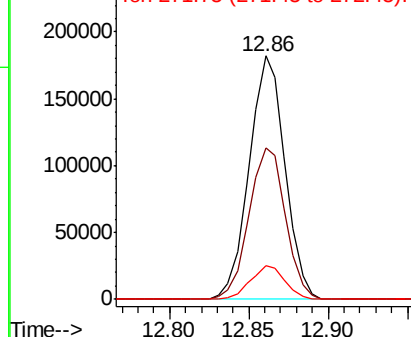
237 100

235 62.5 46.7 86.7

272 13.7 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: 391.968 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

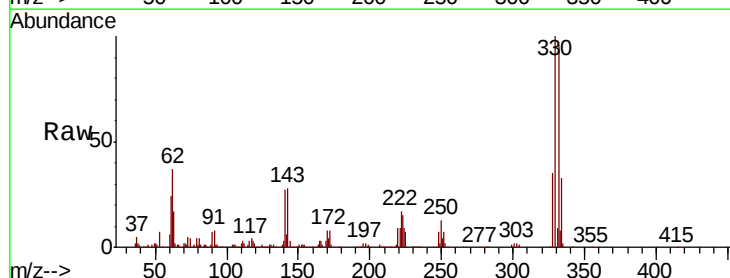
Tgt Ion:330 Resp: 392485

Ion Ratio Lower Upper

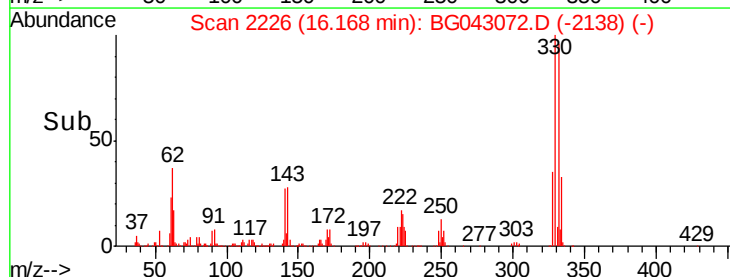
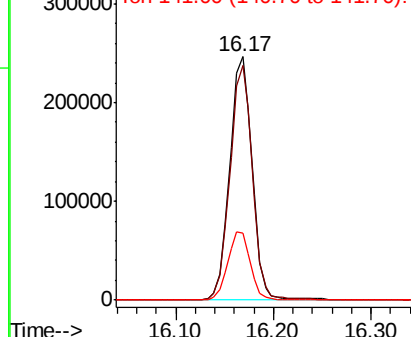
330 100

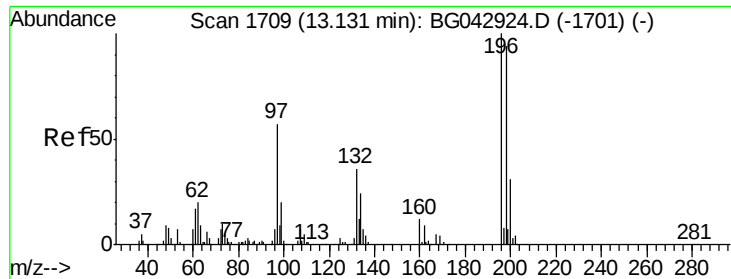
332 96.5 78.2 117.2

141 28.4 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

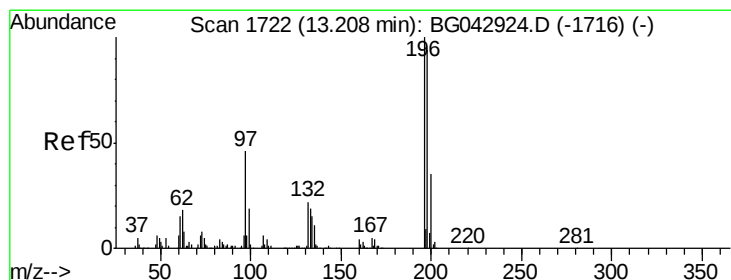
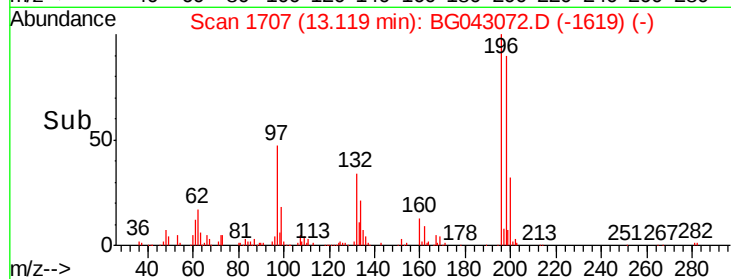
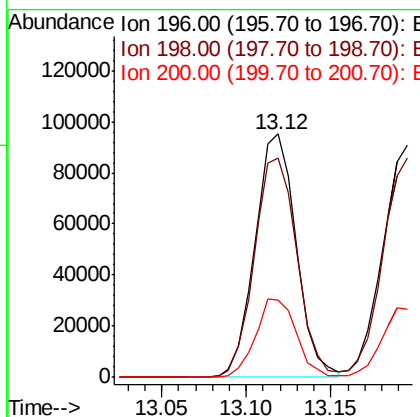
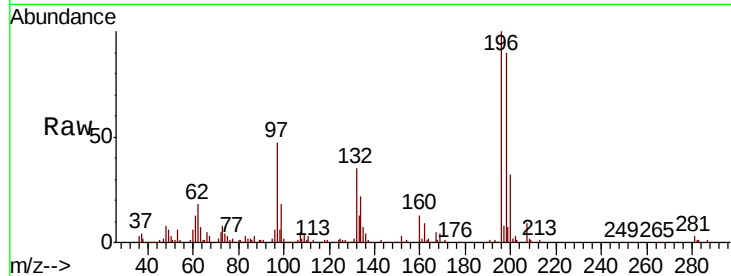




#43
 2,4,6-Trichlorophenol
 Concen: 125.891 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

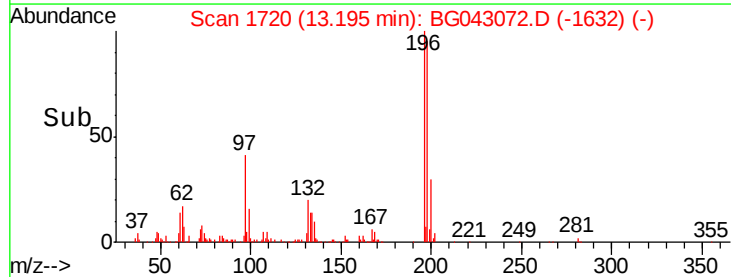
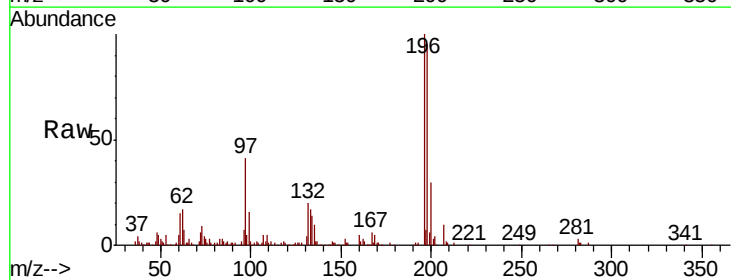
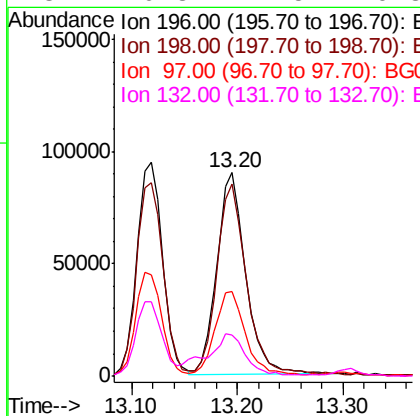
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

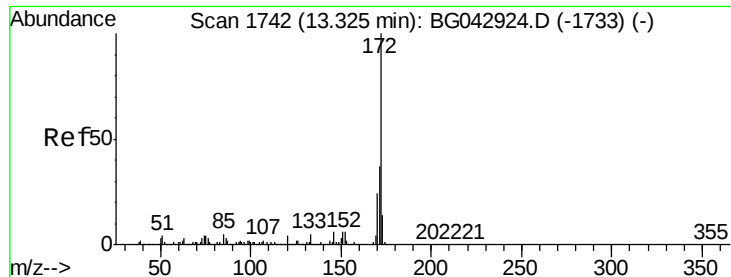
Tot Ion	196	Resp	161328
Ion Ratio	Lower	Upper	
196	100		
198	90.3	75.5	113.3
200	31.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 130.825 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	196	Resp	172706
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.1	112.7
97	41.5	37.0	55.4
132	20.3	17.5	26.3





#45

2-Fluorobiphenyl

Concen: 220.104 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

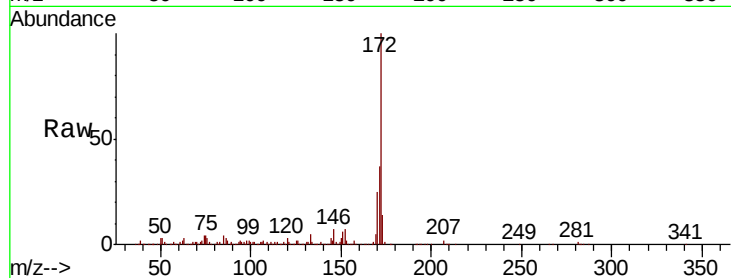
BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion:172 Resp: 884105

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.0	19.6	29.4

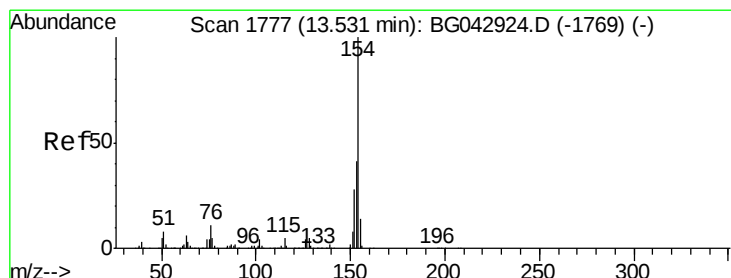
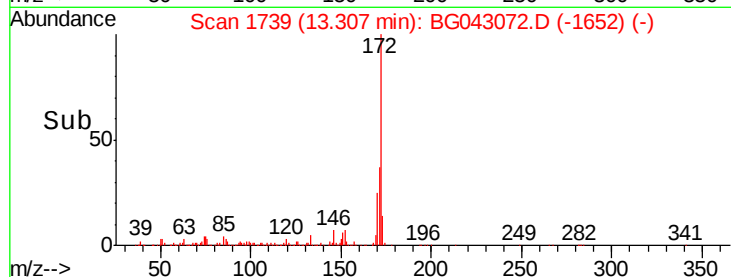
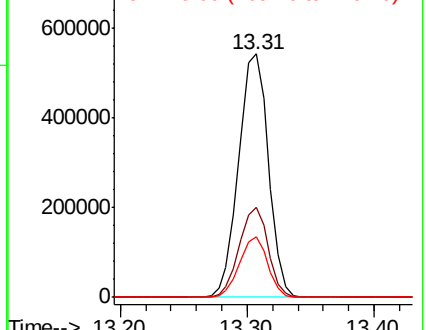


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 109.846 ng

RT: 13.51 min Scan# 1774

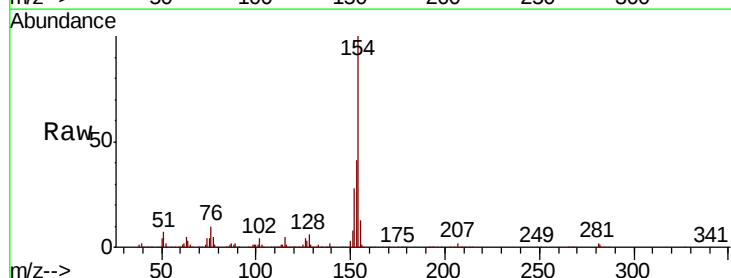
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:154 Resp: 485073

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	10.2	0.0	31.3

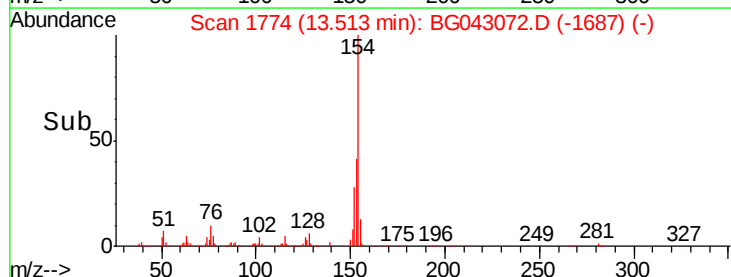
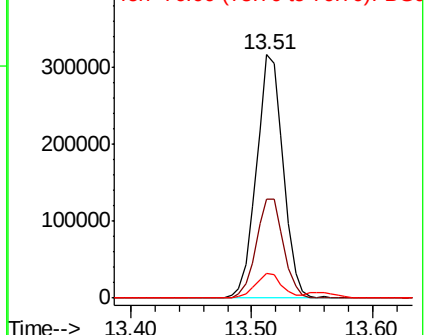


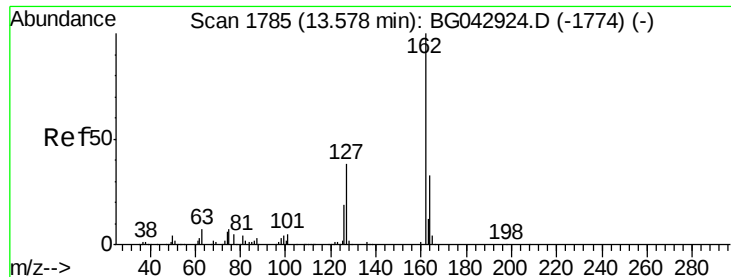
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

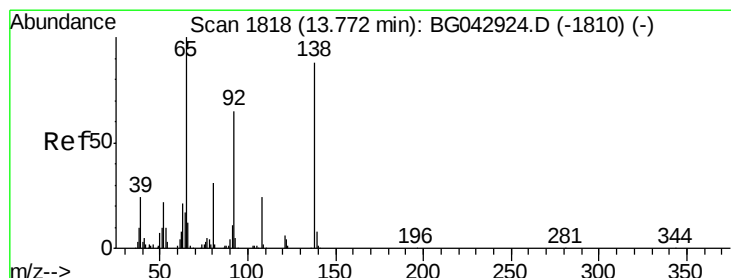
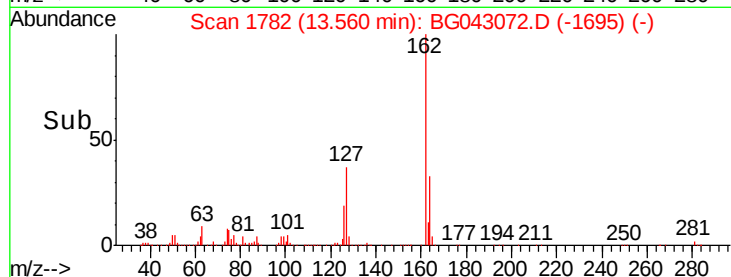
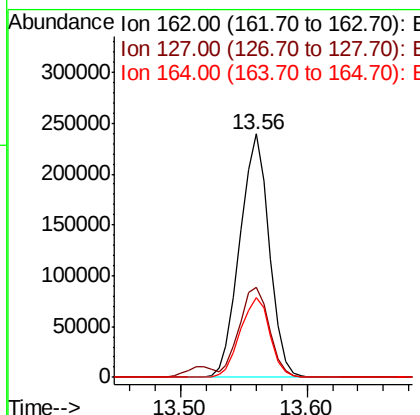
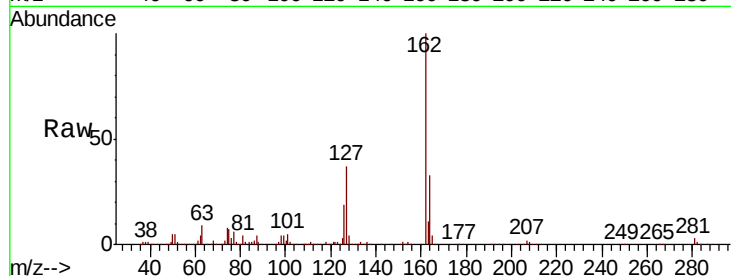




#47
2-Chloronaphthalene
Concen: 116.365 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

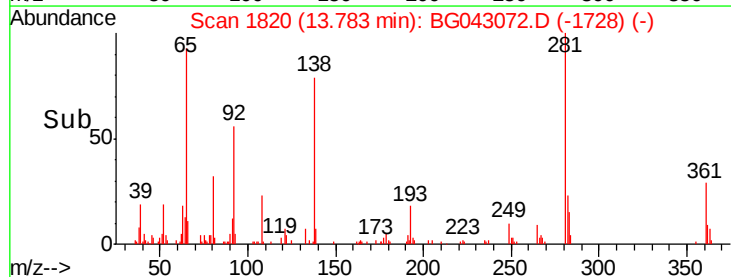
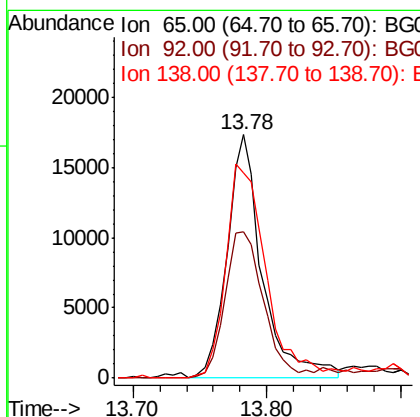
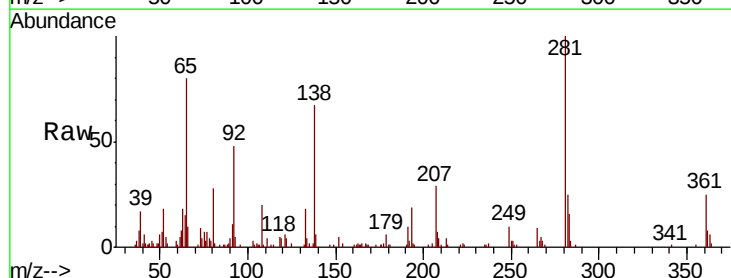
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

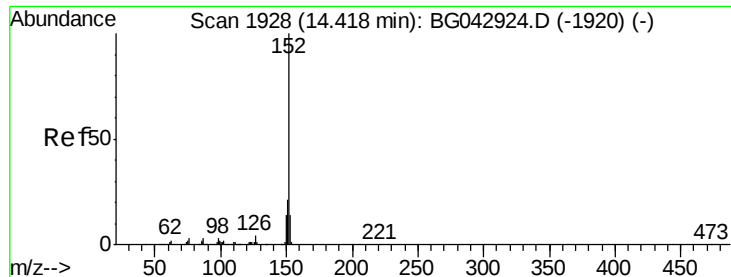
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	31.0	46.6
164	32.5	26.2	39.2



#48
2-Nitroaniline
Concen: 29.048 ng
RT: 13.78 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.3	52.0	78.0
138	84.1	70.4	105.6





#49

Acenaphthylene

Concen: 19.320 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

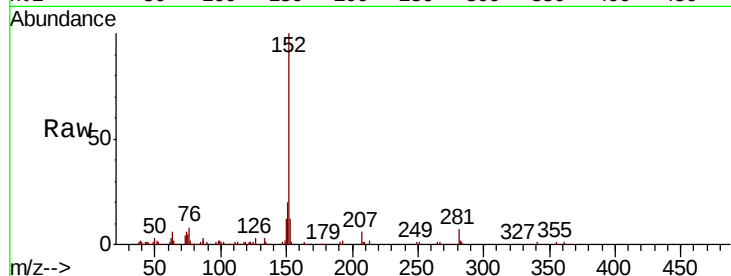
Tot Ion:152 Resp: 97877

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

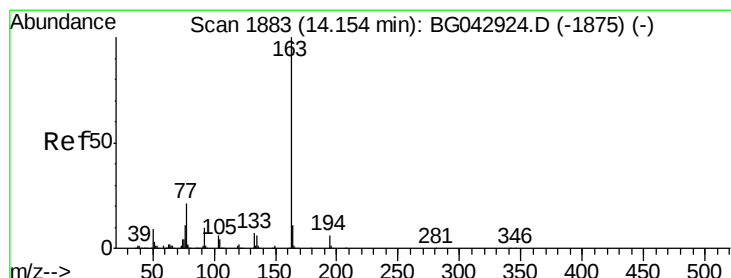
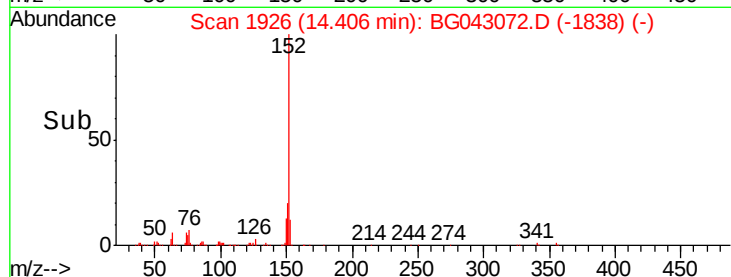
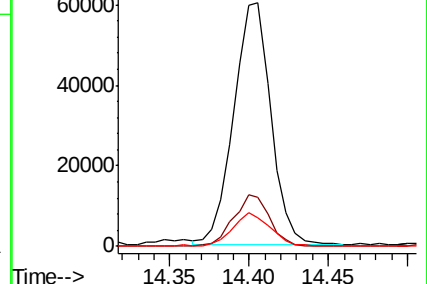
153 11.9 11.3 16.9



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: 135.968 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

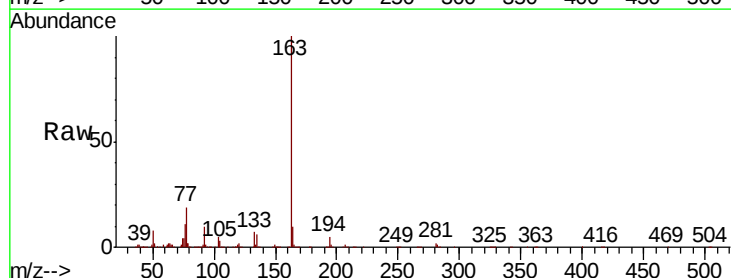
Tgt Ion:163 Resp: 593233

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

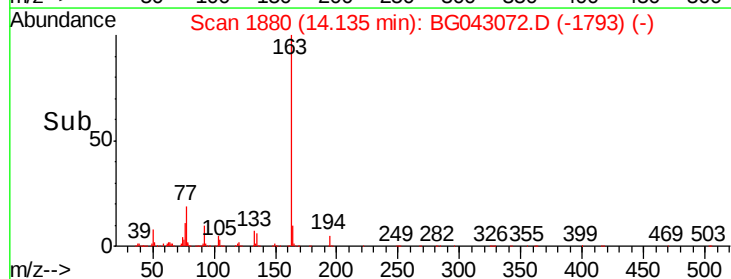
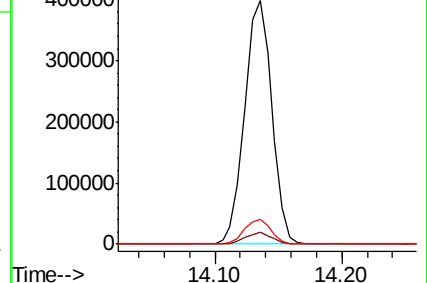
164 10.0 8.6 12.8

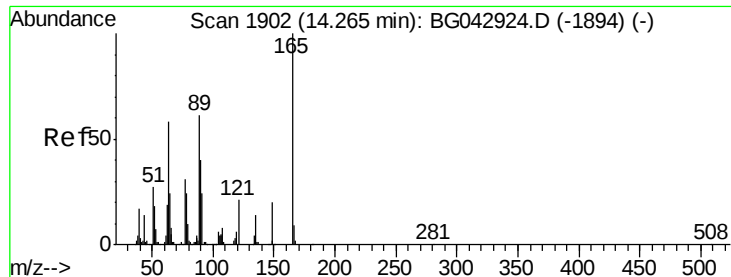


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

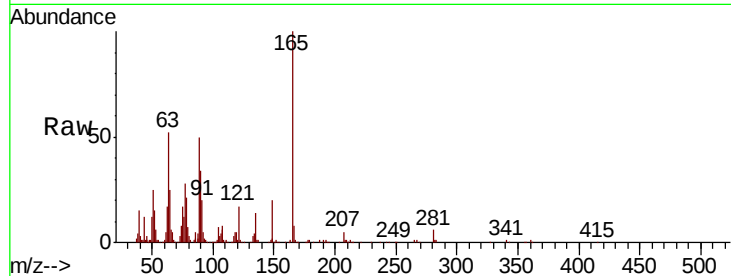




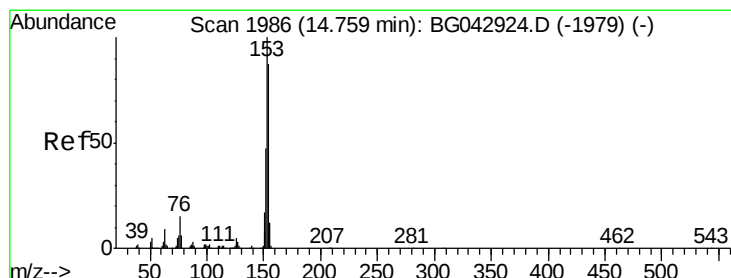
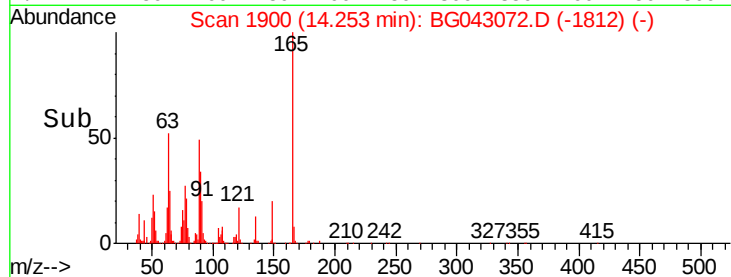
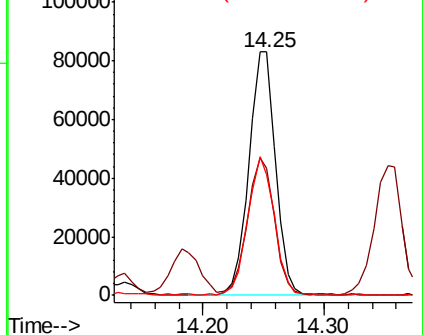
#51
 2,6-Dinitrotoluene
 Concen: 138.129 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion:165 Resp: 128341
 Ion Ratio Lower Upper
 165 100
 63 52.0 50.3 75.5
 89 49.7 48.9 73.3

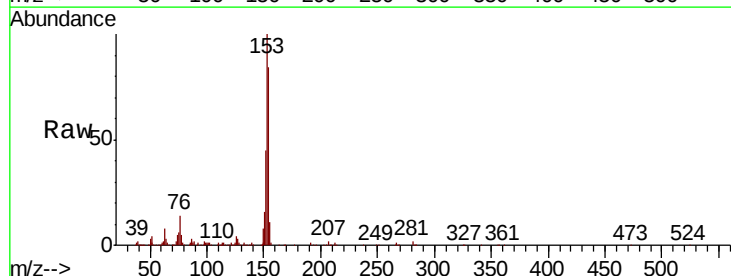


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

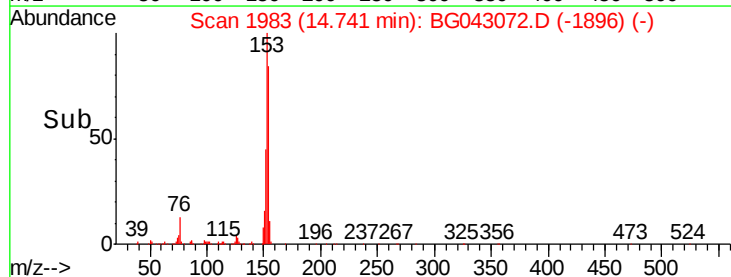
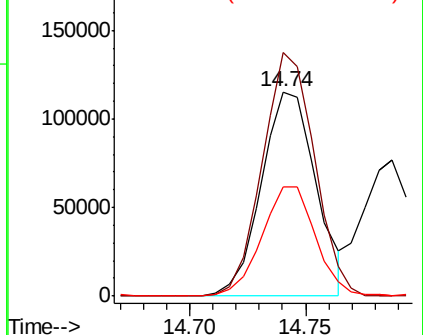


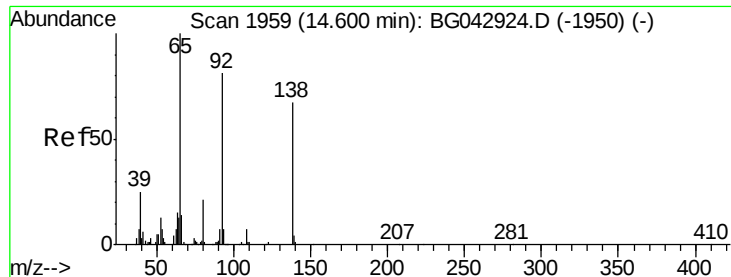
#52
 Acenaphthene
 Concen: 55.783 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion:154 Resp: 189157
 Ion Ratio Lower Upper
 154 100
 153 119.3 91.4 137.0
 152 53.7 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.949 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.18 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

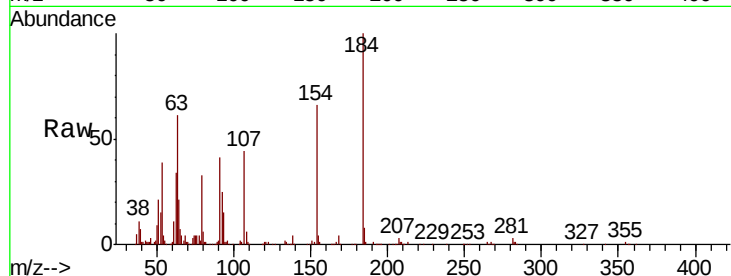
Tot Ion:138 Resp: 13394

Ion Ratio Lower Upper

138 100

108 129.6 7.9 11.9#

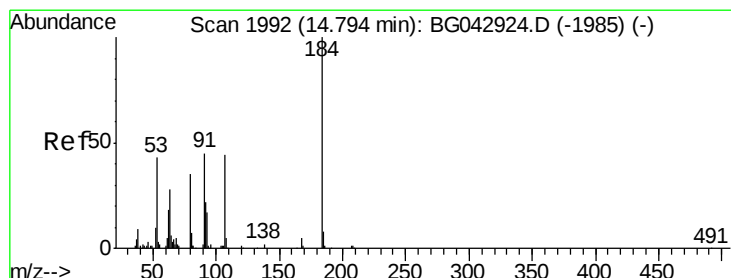
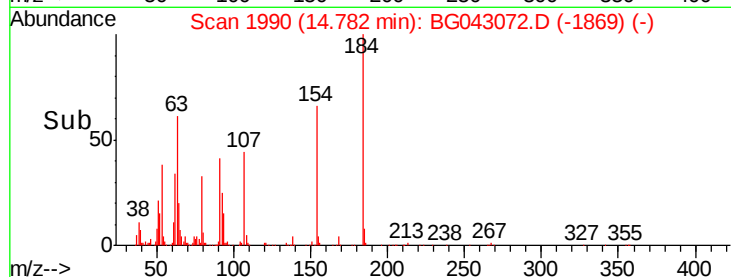
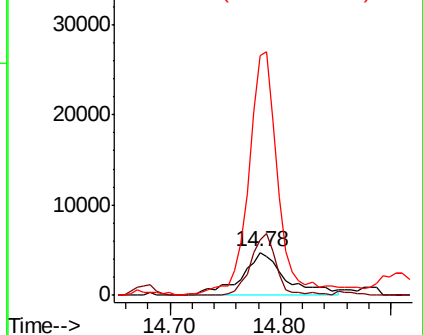
92 563.0 97.0 145.6#



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: 316.179 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

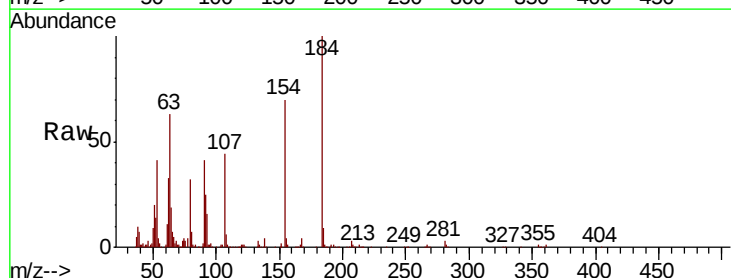
Tgt Ion:184 Resp: 182605

Ion Ratio Lower Upper

184 100

63 62.8 55.0 82.6

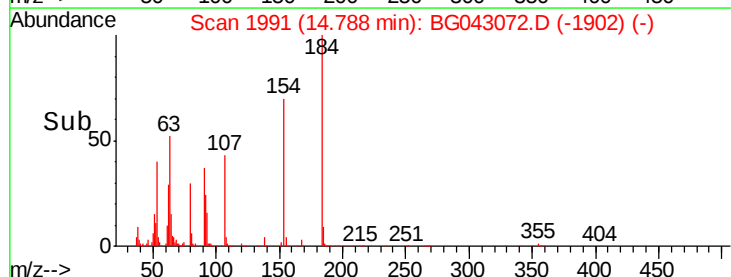
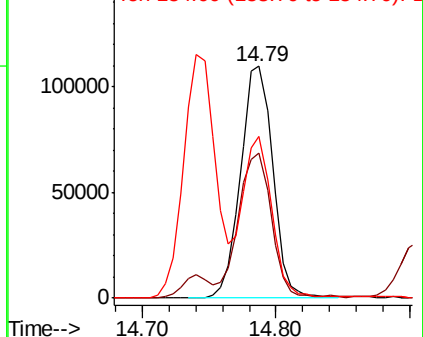
154 69.8 56.5 84.7

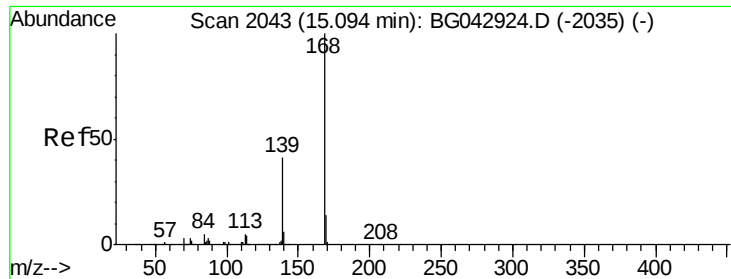


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 123.535 ng

RT: 15.08 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

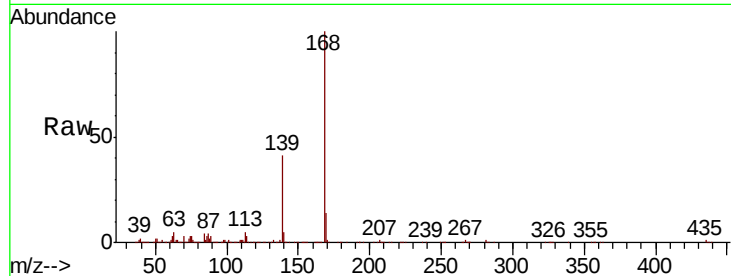
Tot Ion:168 Resp: 619678

Ion Ratio Lower Upper

168 100

139 40.8 32.6 48.8

169 13.6 11.2 16.8

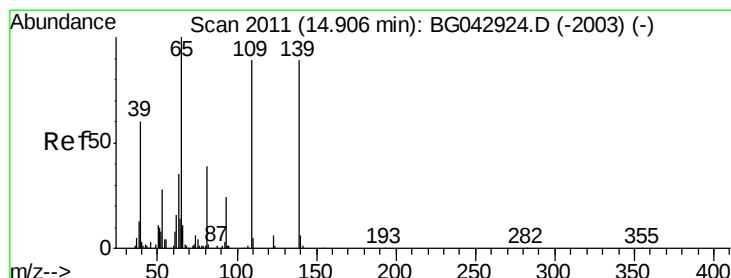
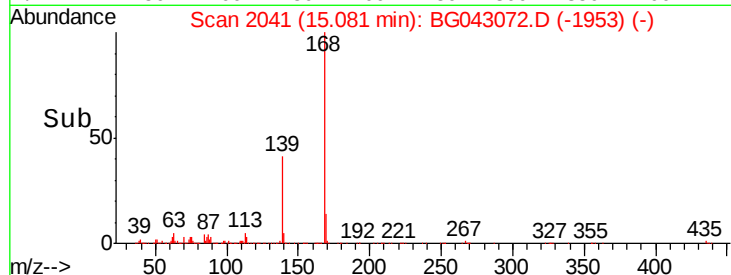
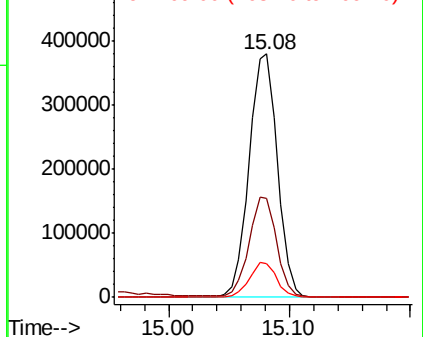


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 237.253 ng

RT: 14.91 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

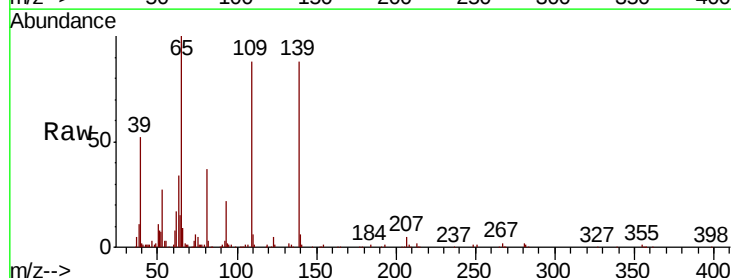
Tgt Ion:139 Resp: 173580

Ion Ratio Lower Upper

139 100

109 100.0 79.4 119.4

65 113.9 92.5 132.5

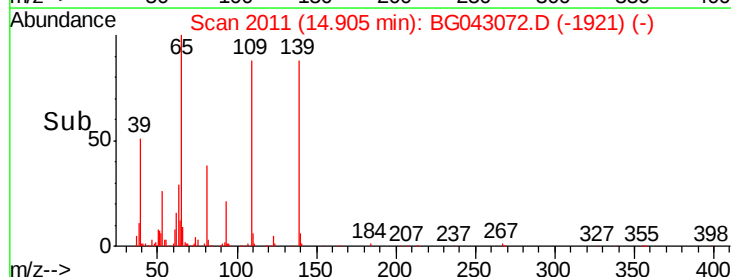
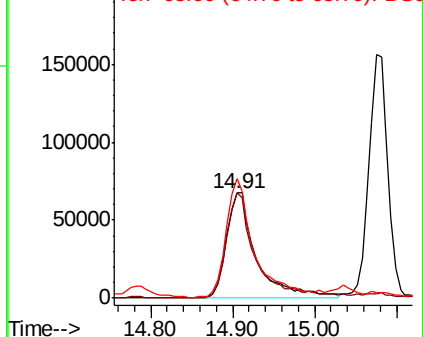


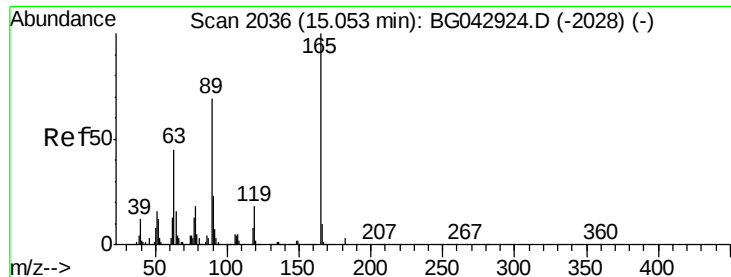
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

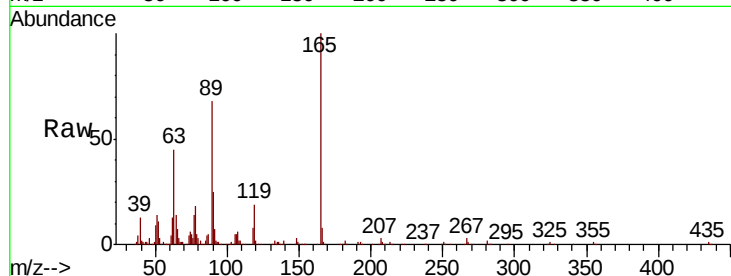




#57
2,4-Dinitrotoluene
Concen: 138.853 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.5	54.7
89	67.9	55.5	83.3
182	2.3	2.4	3.6



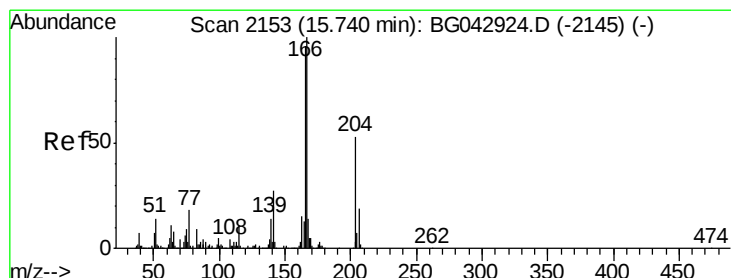
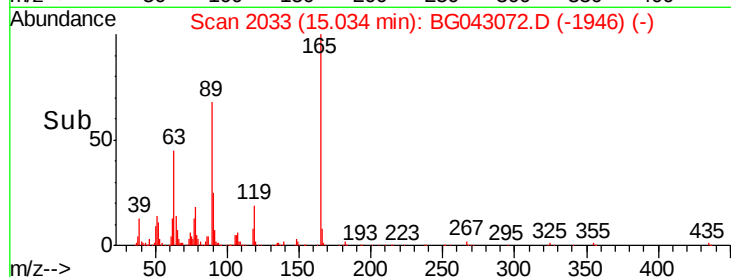
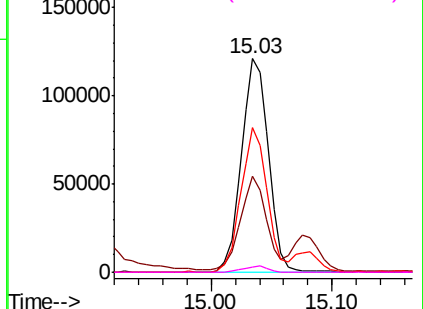
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

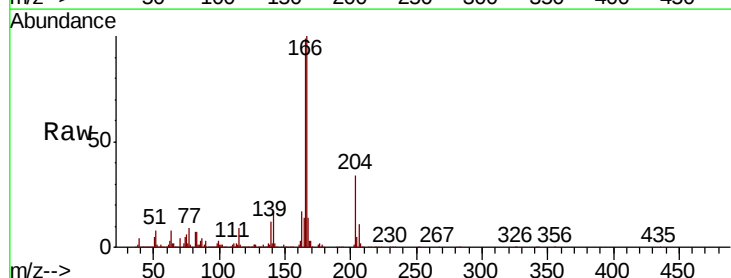
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 116.007 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.1	115.7
167	13.9	11.0	16.6

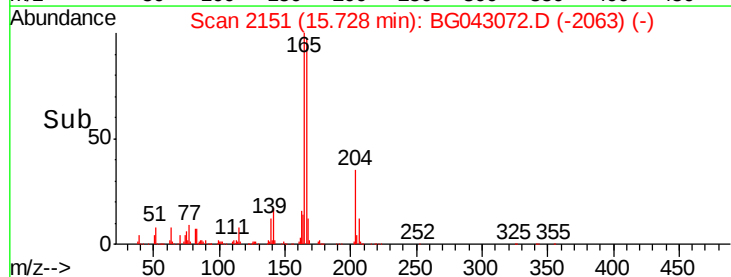
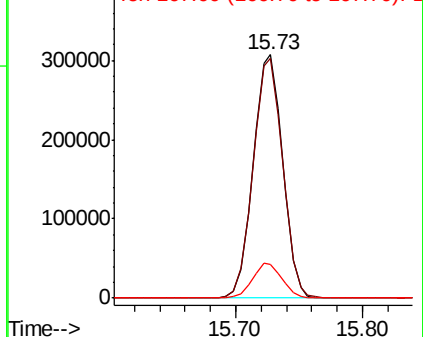


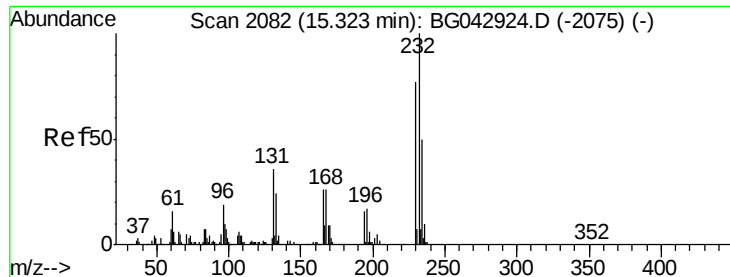
Abundance

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

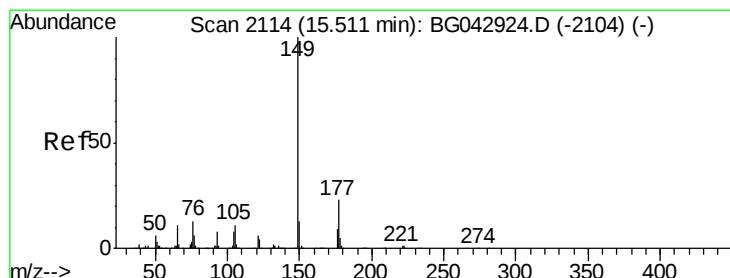
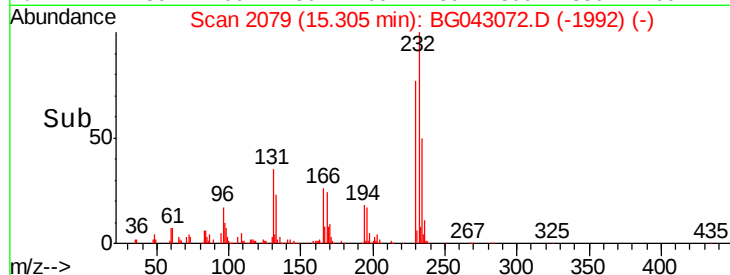
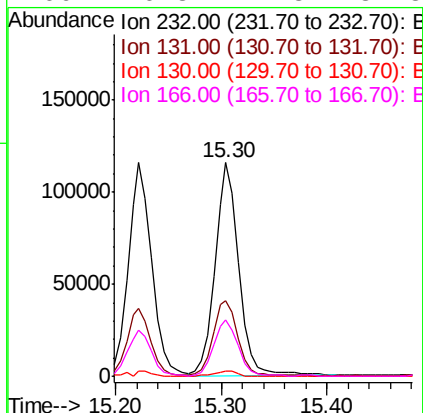
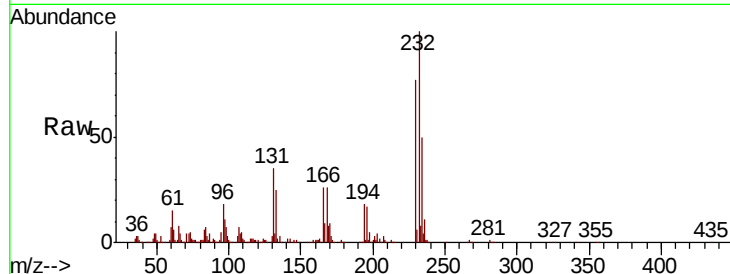




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 128.731 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

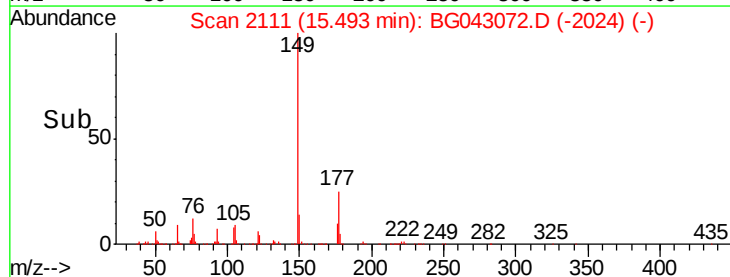
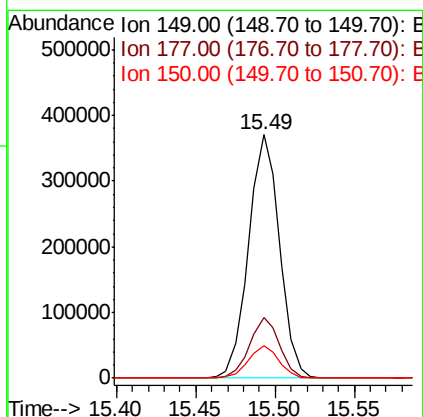
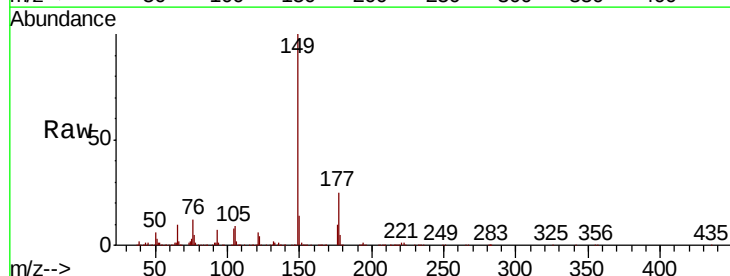
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

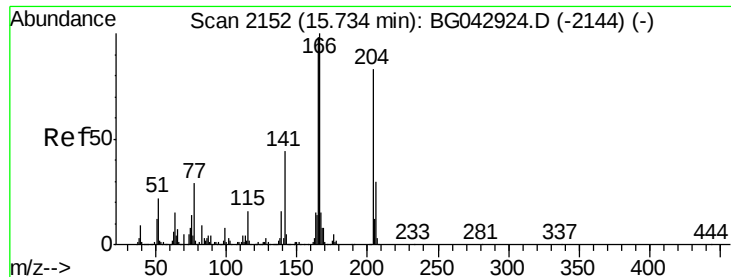
Tot Ion:	232	Resp:	180944
Ion	Ratio	Lower	Upper
232	100		
131	37.2	29.6	44.4
130	2.5	1.9	2.9
166	26.3	21.8	32.8



#60
 Diethylphthalate
 Concen: 113.085 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion:	149	Resp:	502131
Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.8	28.2
150	13.6	10.6	15.8

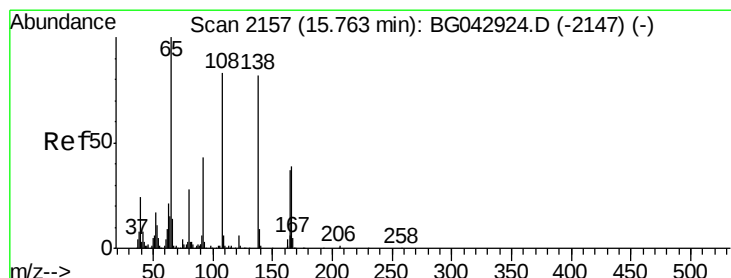
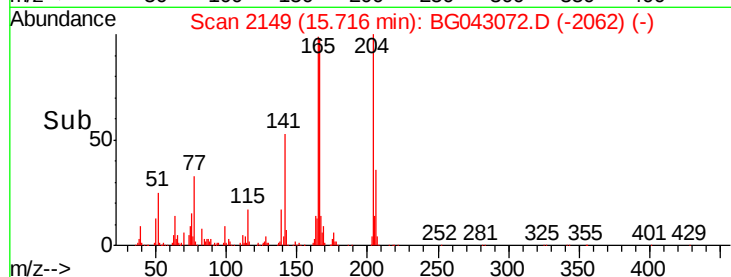
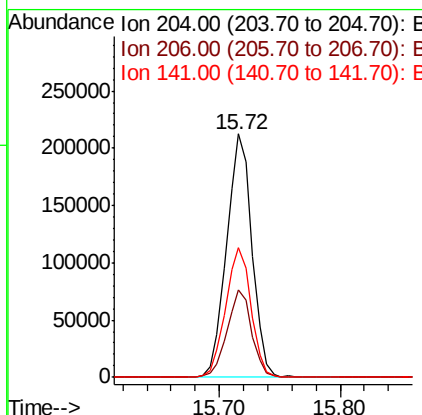
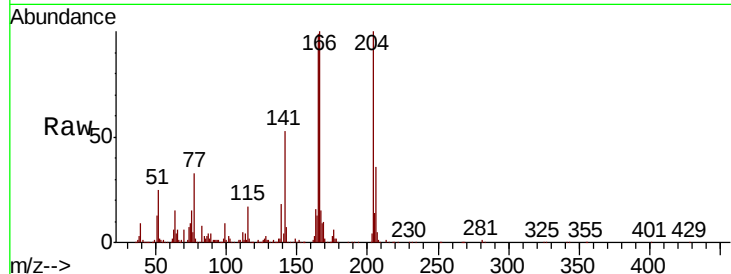




#61
4-Chlorophenyl-phenylether
Concen: 120.292 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

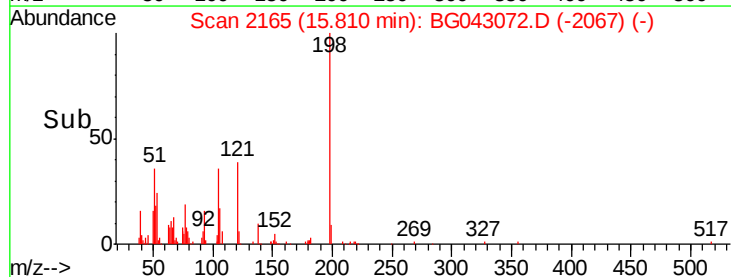
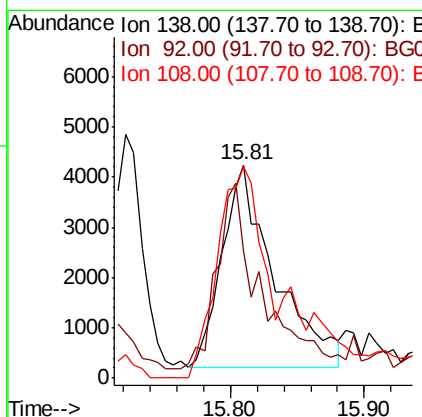
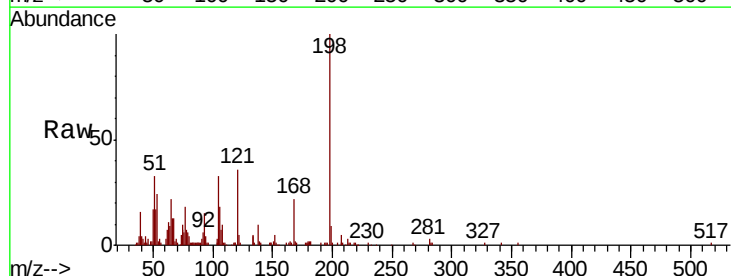
Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

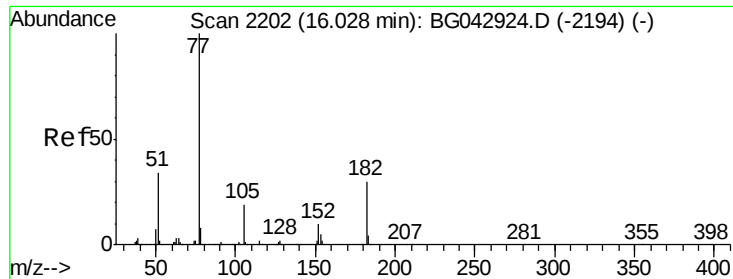
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	28.5	42.7
141	53.1	42.4	63.6



#62
4-Nitroaniline
Concen: 10.631 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.05 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.5	32.9	72.9
108	99.2	81.3	121.3





#63

Azobenzene

Concen: 10.779 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion: 77 Resp: 43575

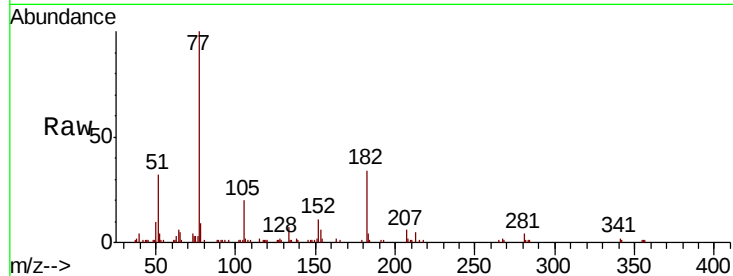
Ion Ratio Lower Upper

77 100

182 33.7 10.2 50.2

105 20.2 0.0 39.1

51 31.9 13.9 53.9

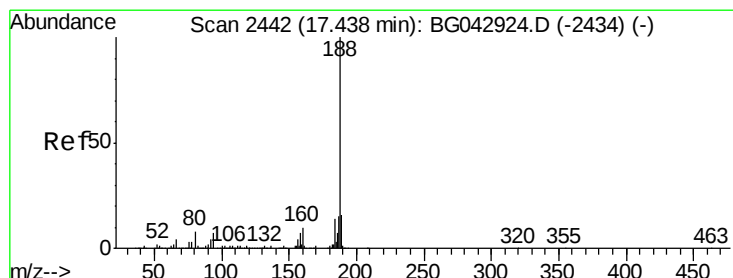
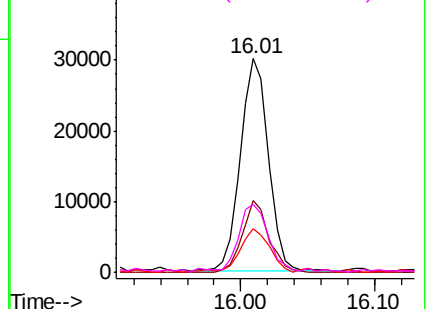
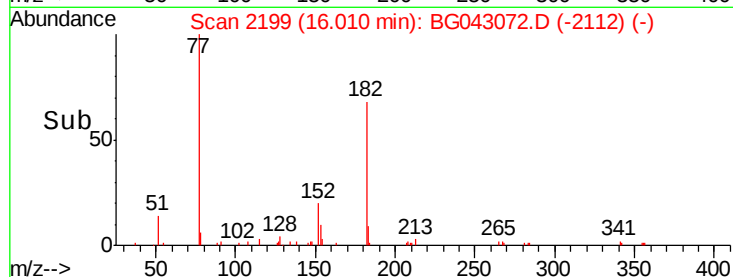


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

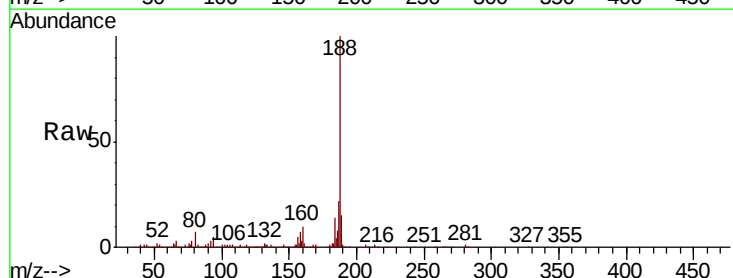
Tgt Ion: 188 Resp: 321833

Ion Ratio Lower Upper

188 100

94 5.4 5.7 8.5#

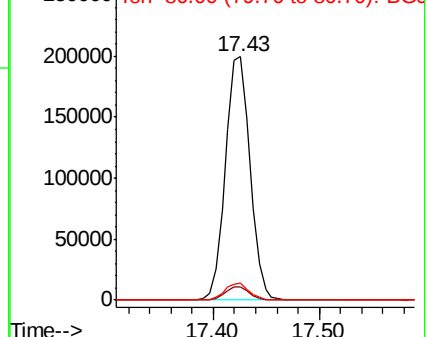
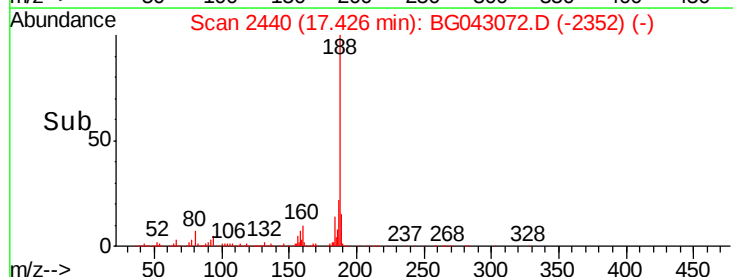
80 6.9 6.5 9.7

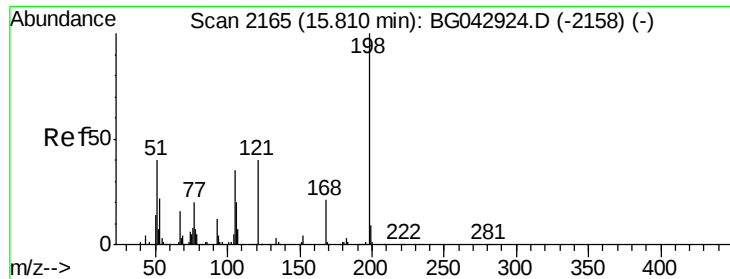


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

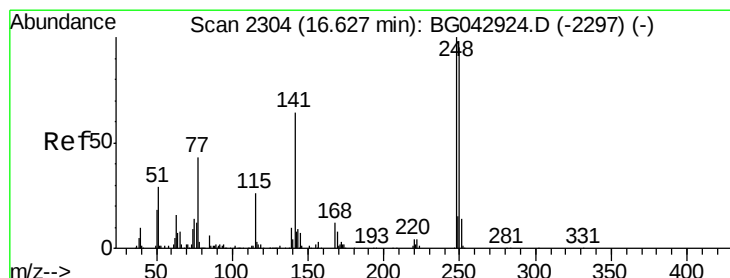
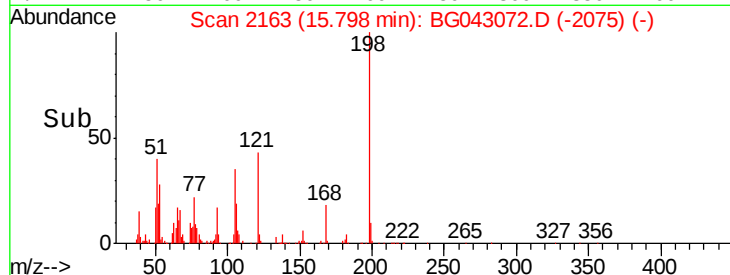
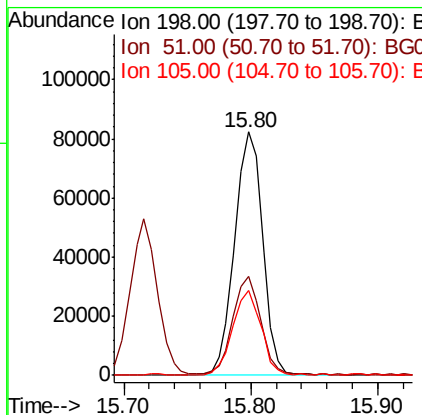
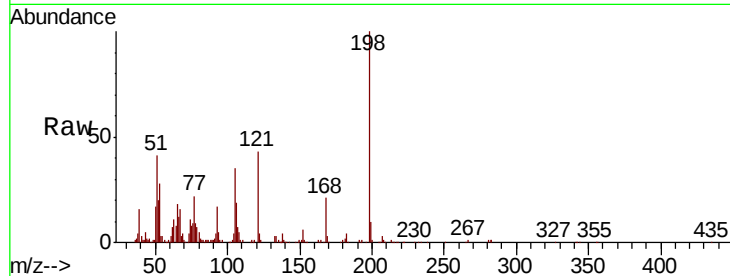




#65
 4,6-Dinitro-2-methylphenol
 Concen: 69.201 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

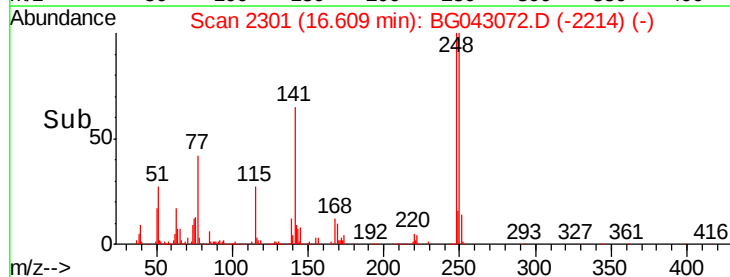
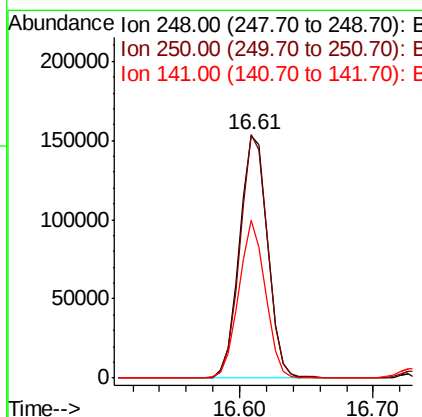
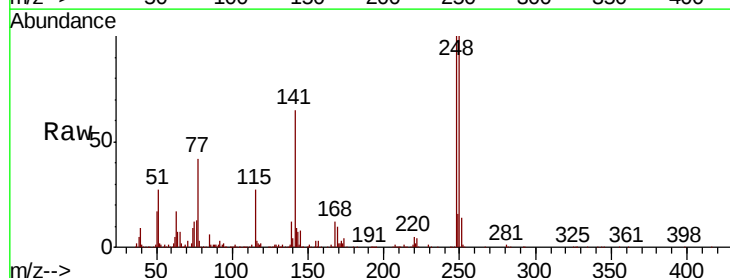
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

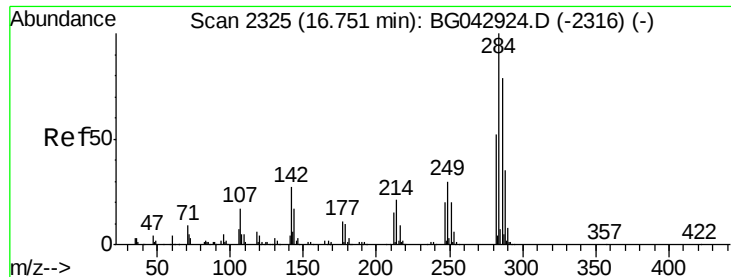
Tot Ion:198 Resp: 126024
 Ion Ratio Lower Upper
 198 100
 51 40.8 25.3 65.3
 105 35.1 16.6 56.6



#67
 4-Bromophenyl-phenylether
 Concen: 55.145 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion:248 Resp: 222748
 Ion Ratio Lower Upper
 248 100
 250 100.4 75.8 113.8
 141 64.8 51.1 76.7

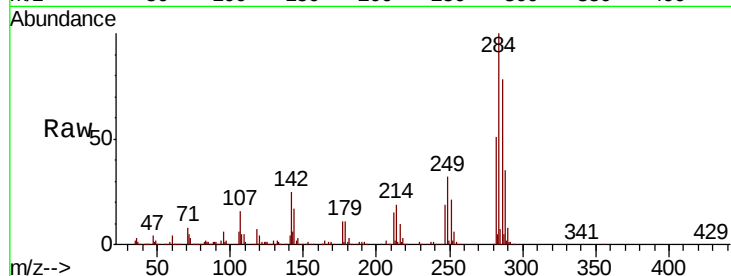




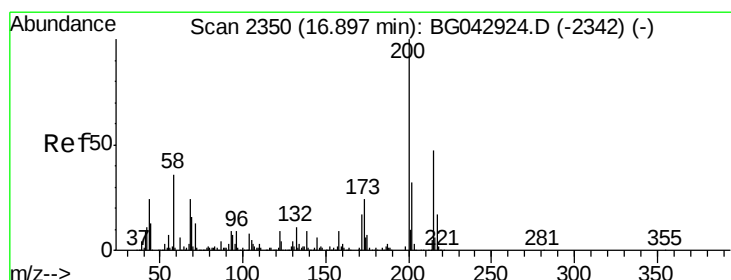
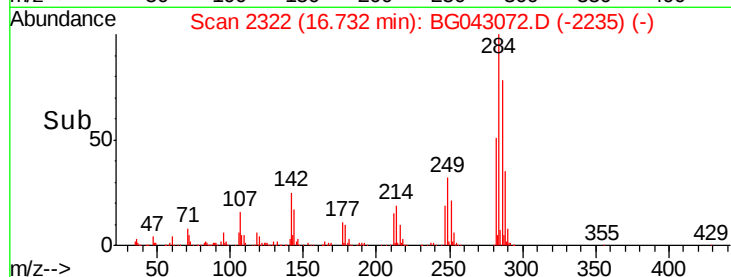
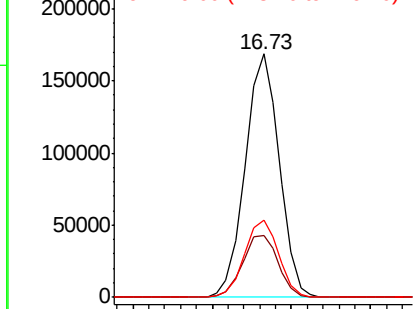
#68
Hexachlorobenzene
Concen: 55.755 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.4	21.6	32.4
249	31.8	24.1	36.1

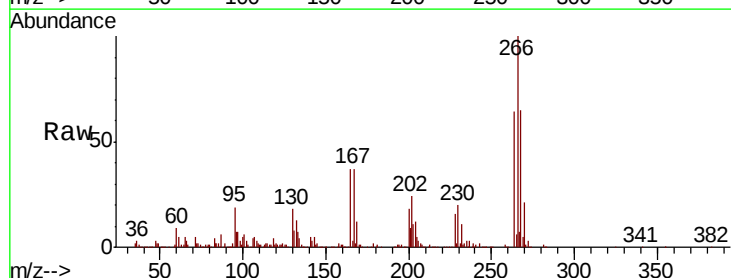


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

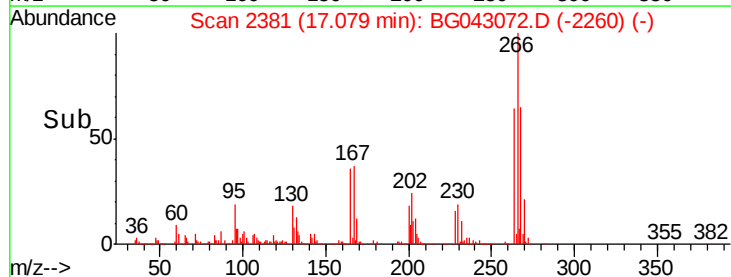
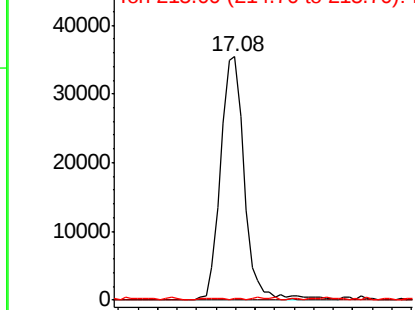


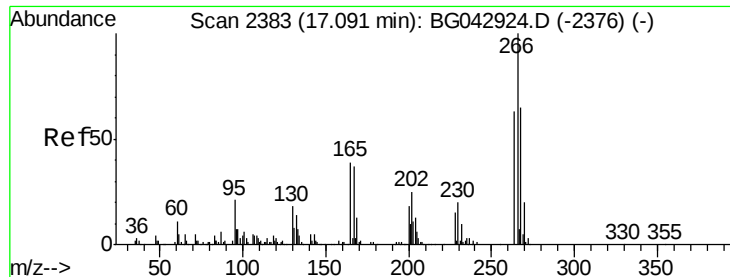
#69
Atrazine
Concen: 16.776 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.18 min
Lab File: BG043072.D
Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.0	44.0#
215	0.6	27.4	67.4#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

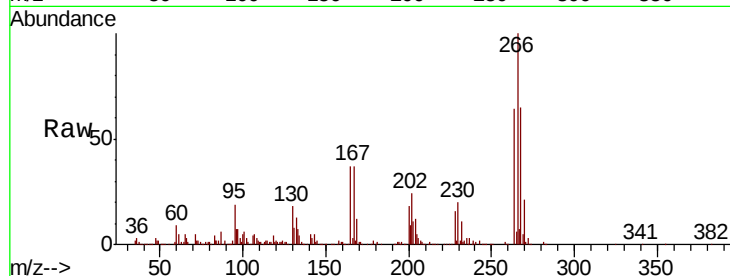




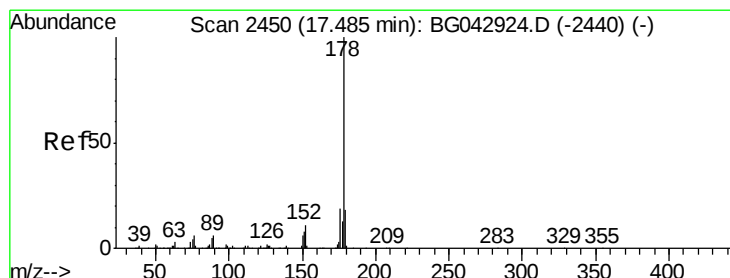
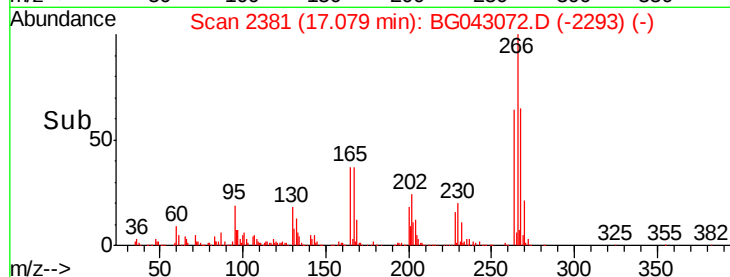
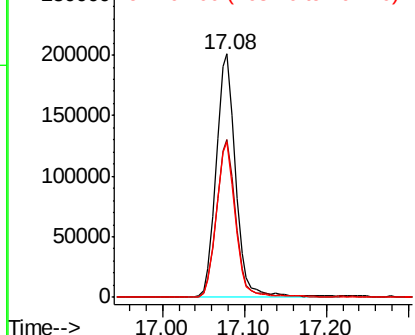
#70
 Pentachlorophenol
 Concen: 129.376 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion:266 Resp: 335753
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.2 78.2
 264 63.6 50.7 76.1

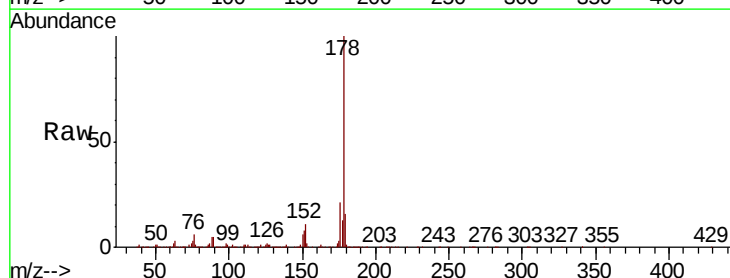


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

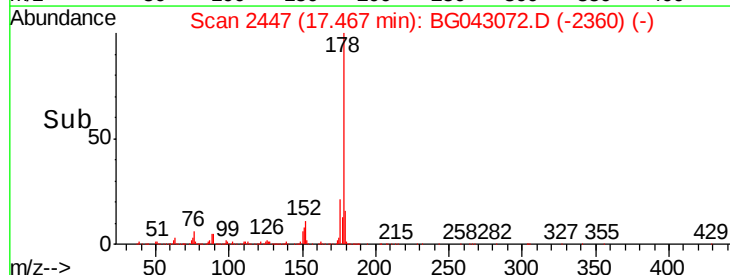
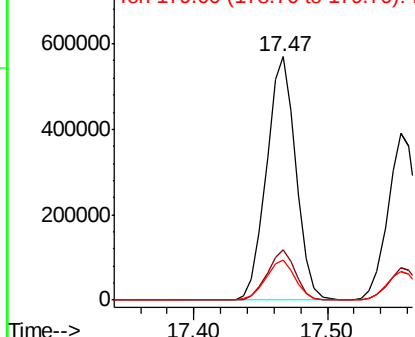


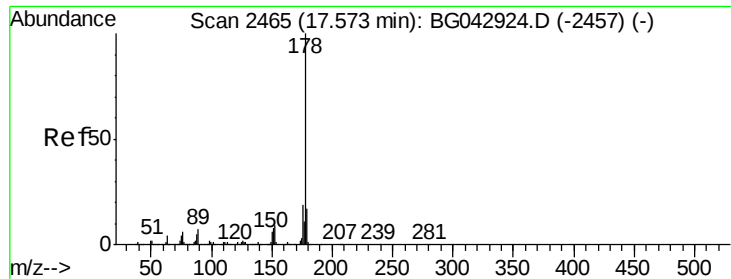
#71
 Phenanthrene
 Concen: 55.322 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion:178 Resp: 869217
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.1 22.7
 179 16.4 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 38.264 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

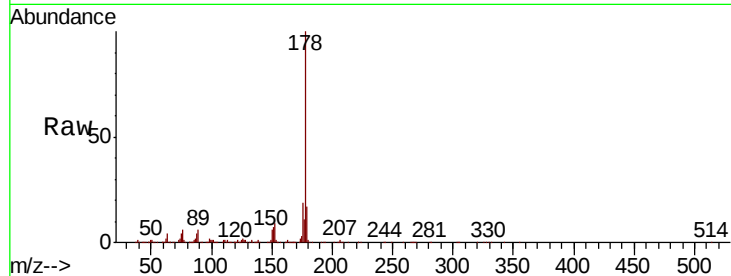
Tot Ion:178 Resp: 600196

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

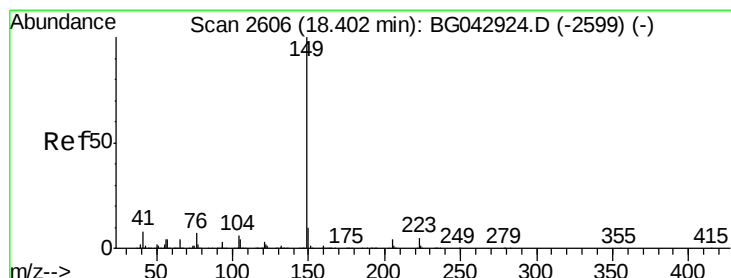
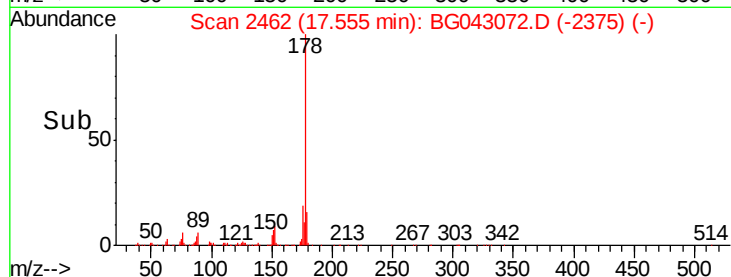
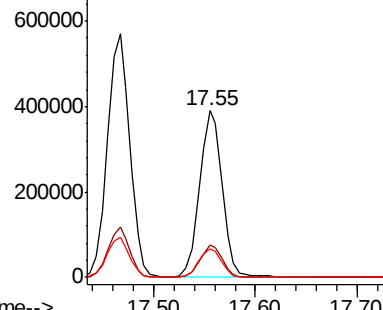
179 17.5 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 51.212 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

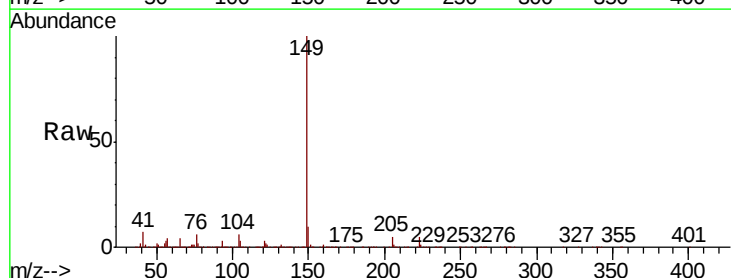
Tgt Ion:149 Resp: 888753

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

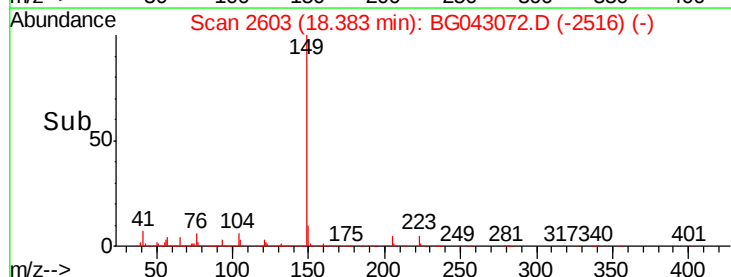
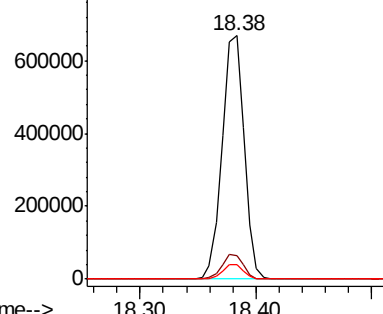
104 5.9 5.0 7.6

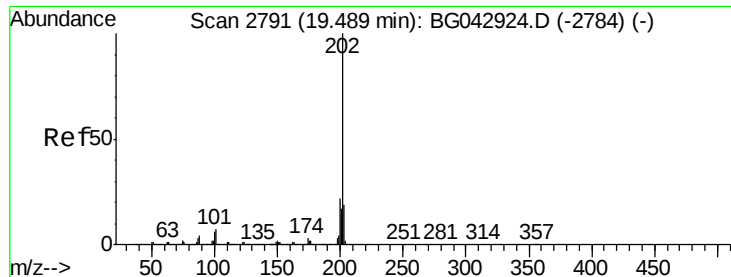


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.118 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

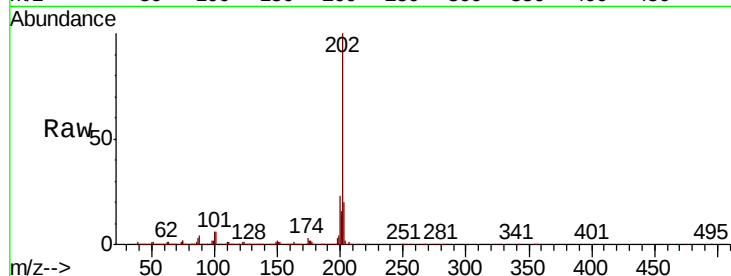
Tot Ion:202 Resp: 812949

Ion Ratio Lower Upper

202 100

101 6.4 0.0 27.3

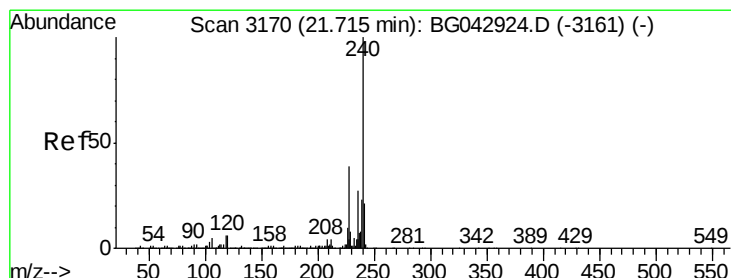
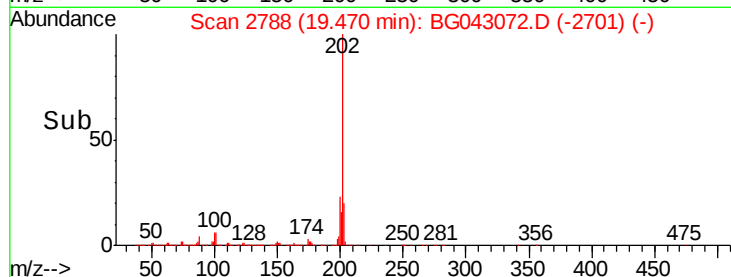
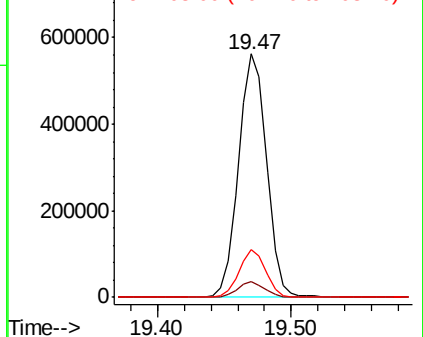
203 19.7 0.0 39.5



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: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

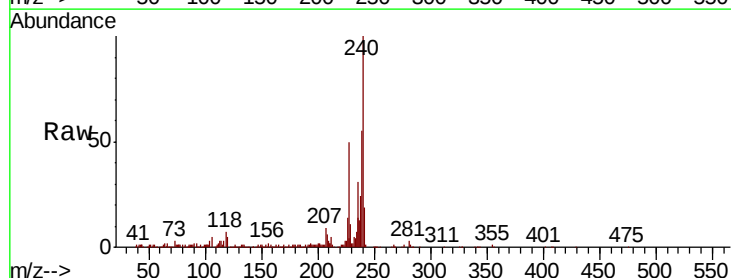
Tgt Ion:240 Resp: 194370

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

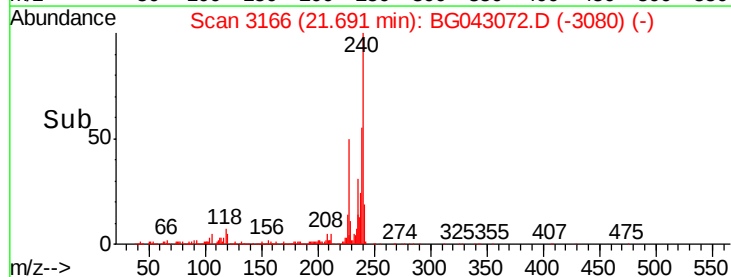
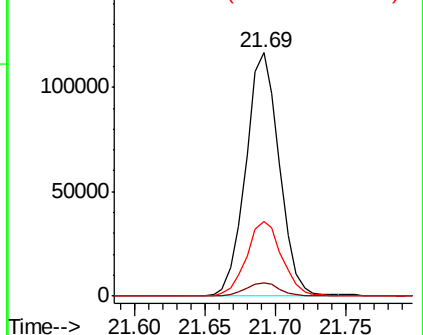
236 30.6 21.4 32.0

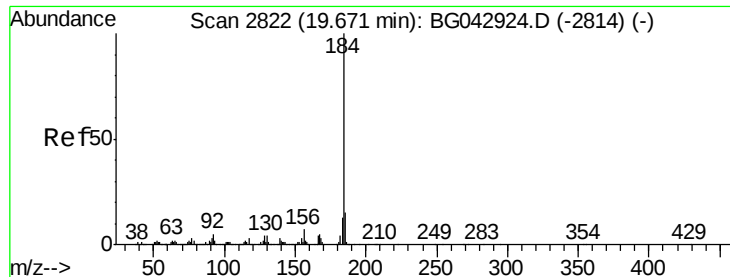


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.554 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

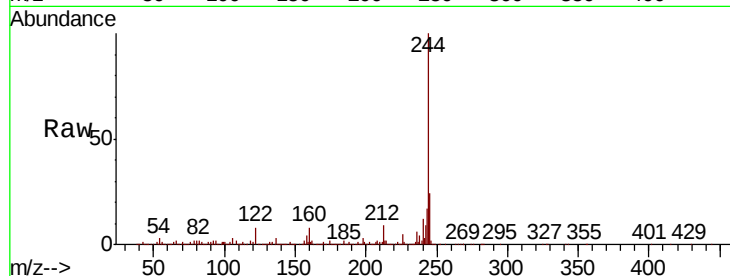
BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion:184 Resp: 31897

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.8
183	12.0	10.1	15.1

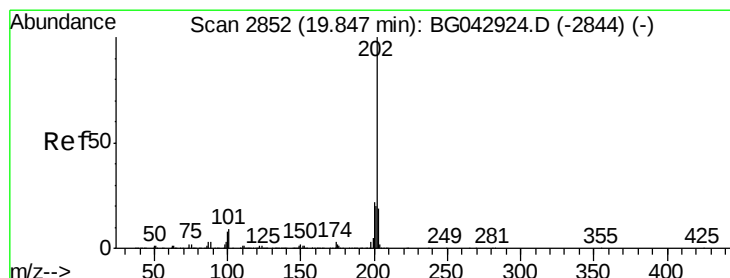
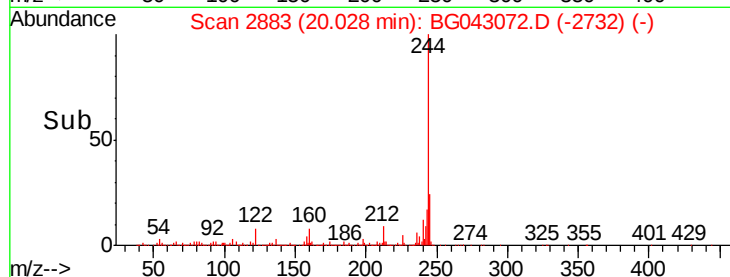
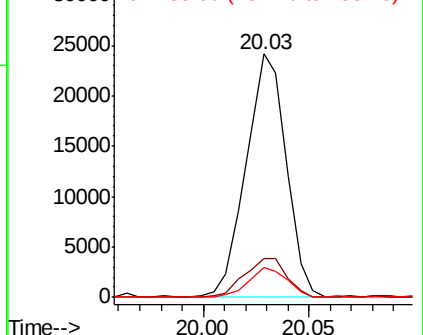


Abundance

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: 14.398 ng

RT: 19.83 min Scan# 2849

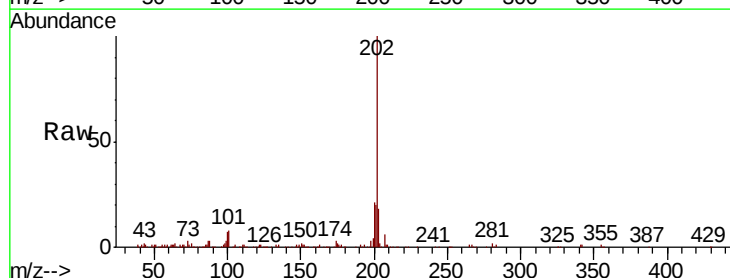
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:202 Resp: 167038

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.8	15.2	22.8

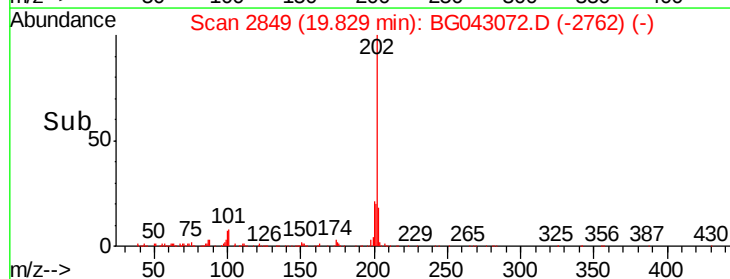
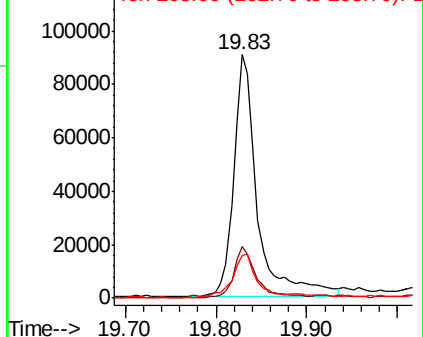


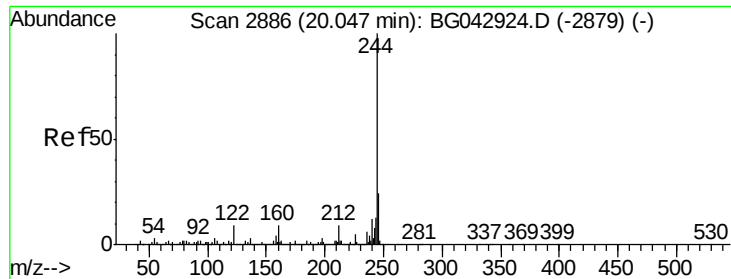
Abundance

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: 203.324 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

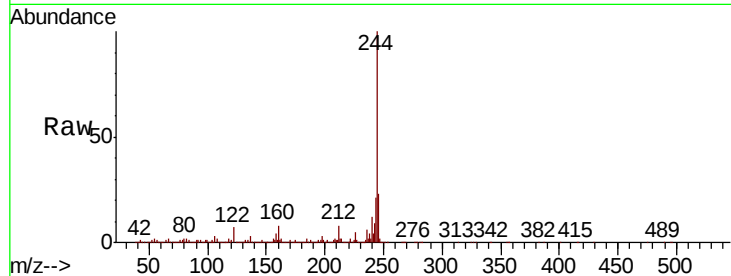
BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion:244 Resp: 1854636

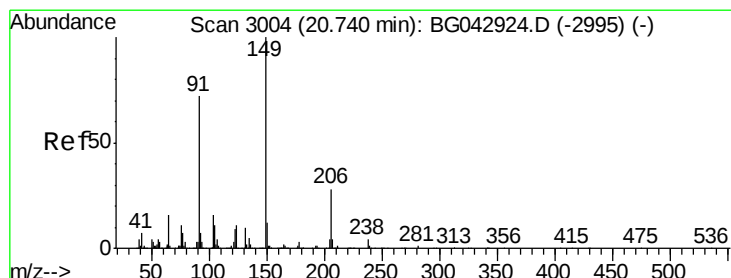
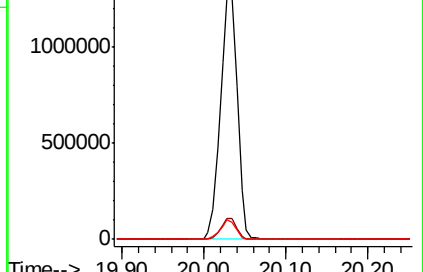
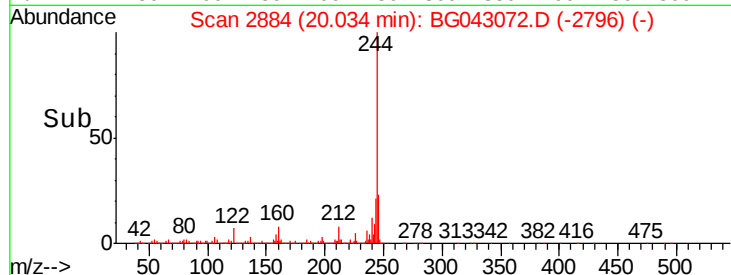
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.0
122	7.1	7.0	10.4



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: 9.231 ng

RT: 20.72 min Scan# 3000

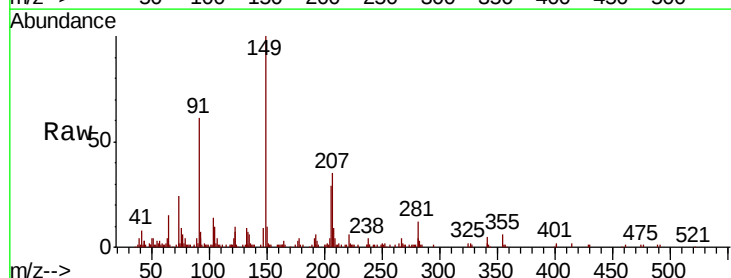
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:149 Resp: 40648

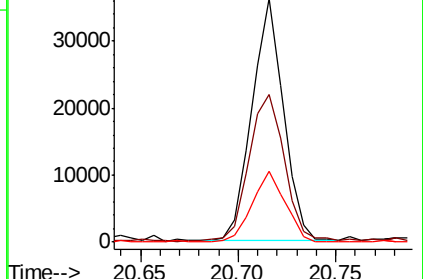
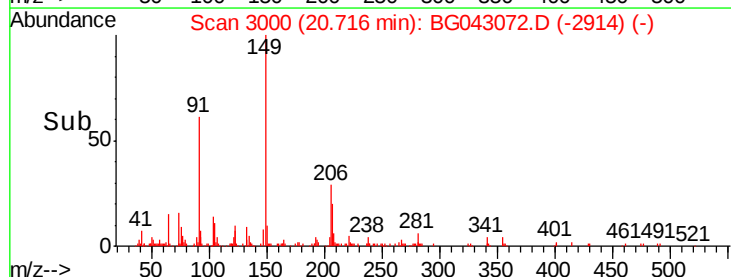
Ion	Ratio	Lower	Upper
149	100		
91	60.9	57.7	86.5
206	28.9	22.6	33.8

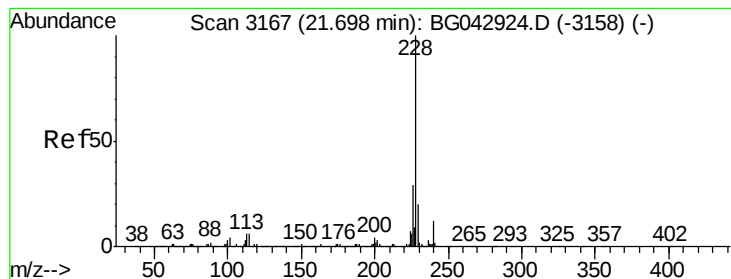


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.828 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.03 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

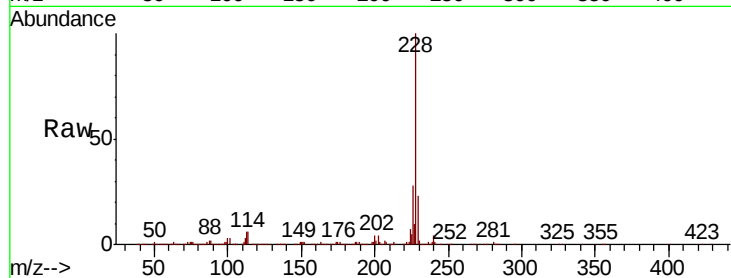
BNA_G

ClientSampleId :

HR-05-100219MSD

Tot Ion:228 Resp: 627692

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	22.6	16.3	24.5

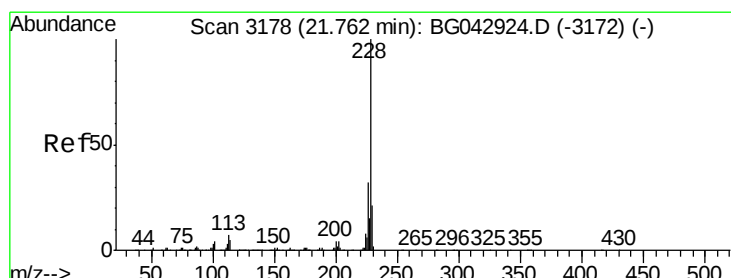
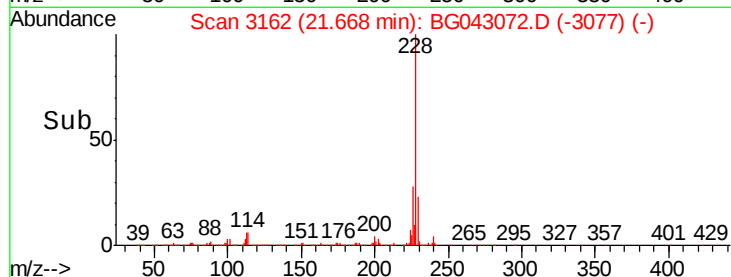
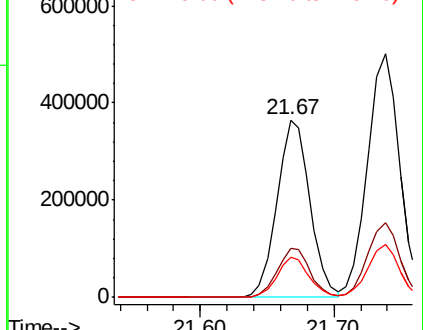


Abundance

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



#83

Chrysene

Concen: 70.632 ng

RT: 21.74 min Scan# 3174

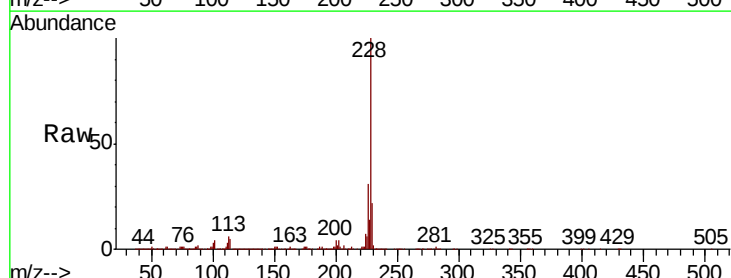
Delta R.T. -0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Tgt Ion:228 Resp: 830129

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.6	38.4
229	21.6	16.9	25.3

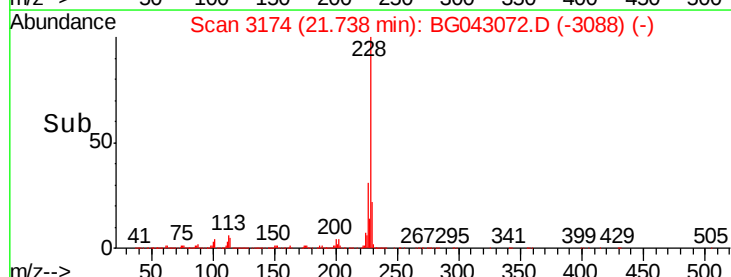
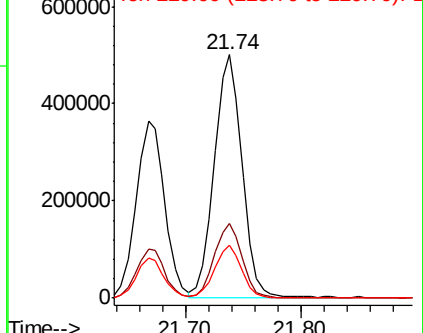


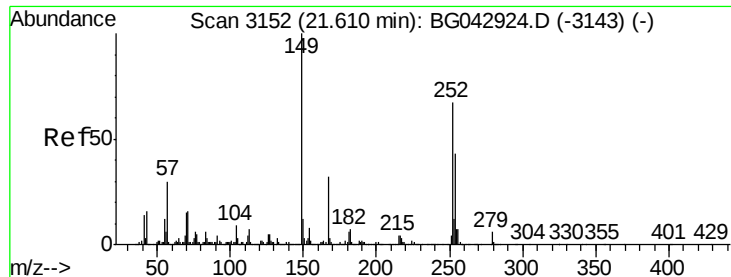
Abundance

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: 95.257 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.03 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

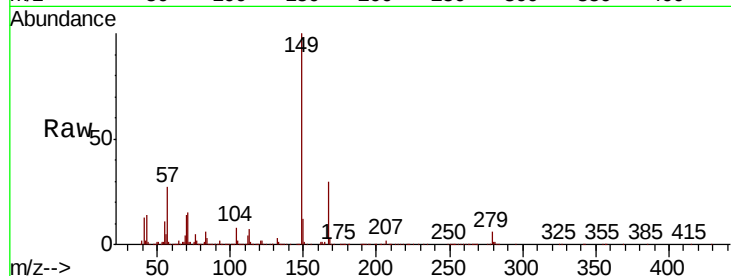
Tot Ion:149 Resp: 596872

Ion Ratio Lower Upper

149 100

167 30.3 25.4 38.2

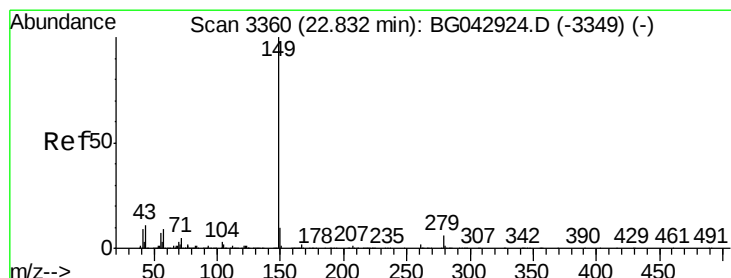
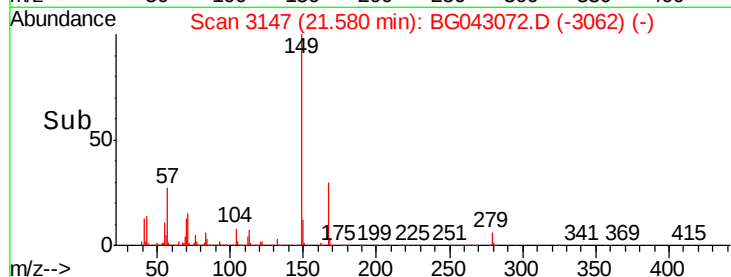
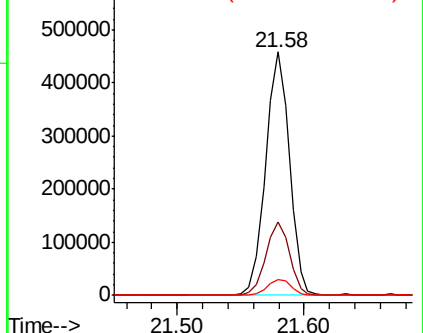
279 6.4 5.1 7.7



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: 94.962 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

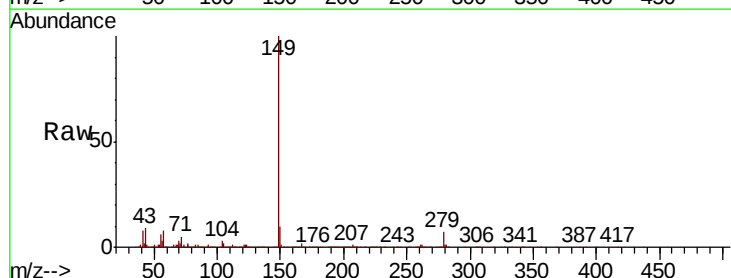
Tgt Ion:149 Resp: 972992

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

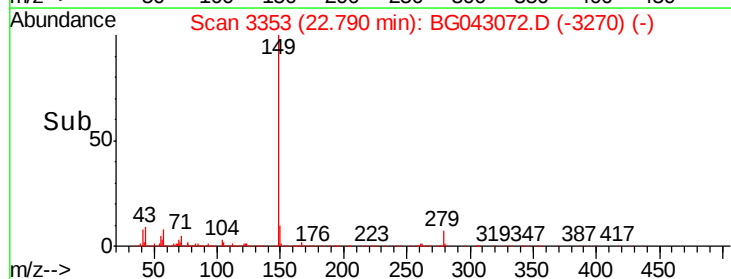
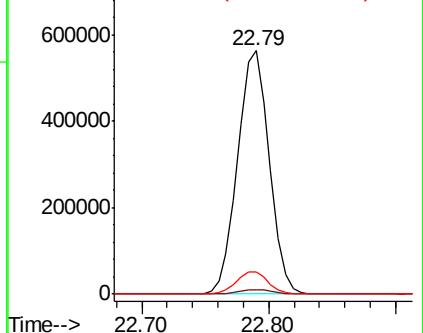
43 9.2 8.7 13.1

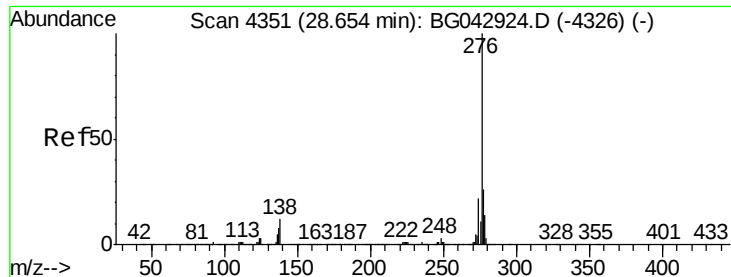


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

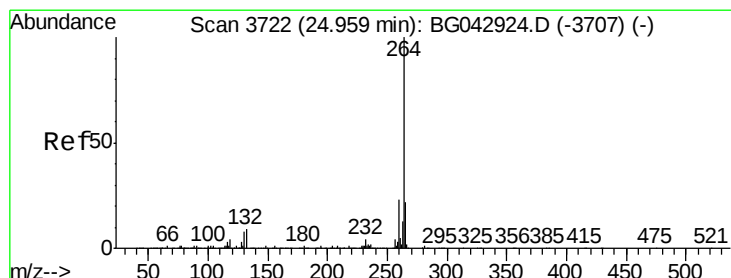
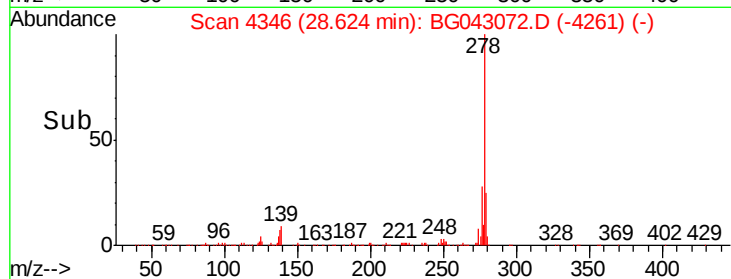
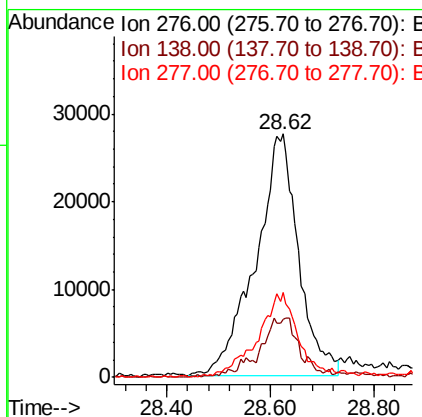
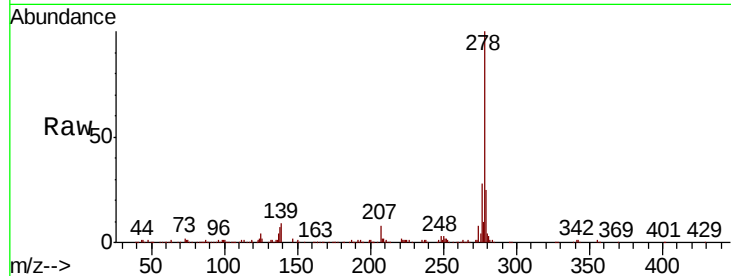




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 10.798 ng
 RT: 28.62 min Scan# 4346
 Delta R.T. -0.03 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

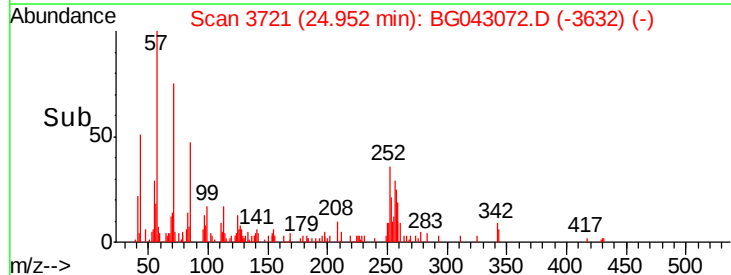
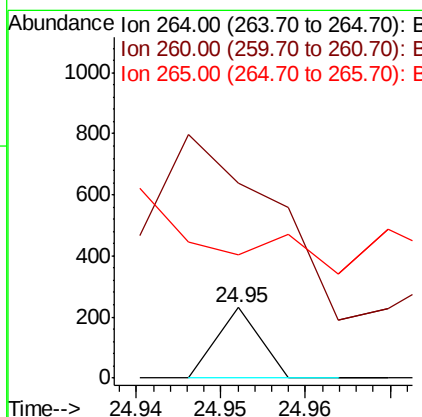
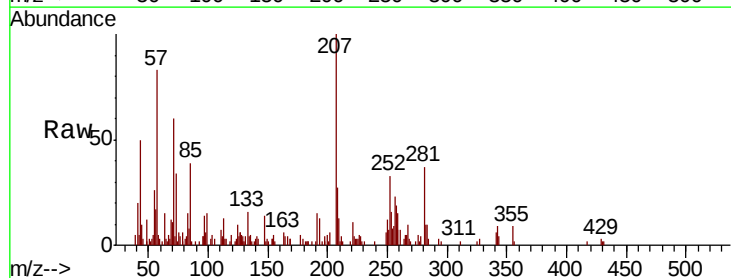
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

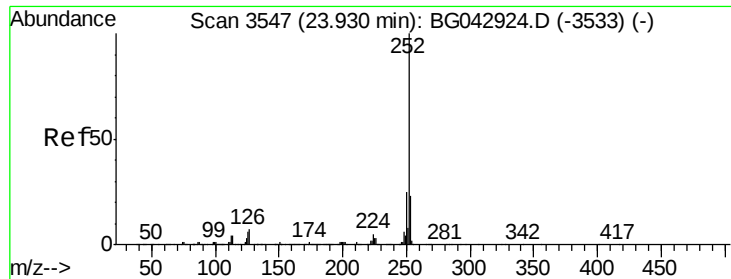
Tot Ion:276 Resp: 157983
 Ion Ratio Lower Upper
 276 100
 138 12.8 7.0 10.6#
 277 31.0 20.9 31.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.95 min Scan# 3721
 Delta R.T. -0.01 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Tgt Ion:264 Resp: 81
 Ion Ratio Lower Upper
 264 100
 260 277.0 18.7 28.1#
 265 175.2 17.7 26.5#





#88

Benzo(b)fluoranthene

Concen: 38256.098 ng

RT: 23.95 min Scan# 3550

Delta R.T. 0.02 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

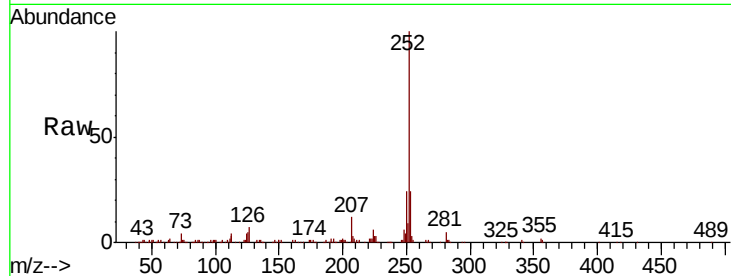
Tot Ion:252 Resp: 175335

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.2

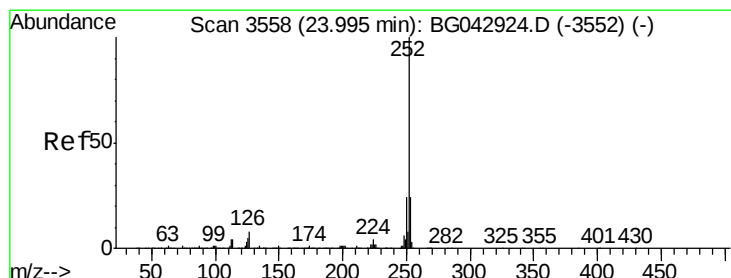
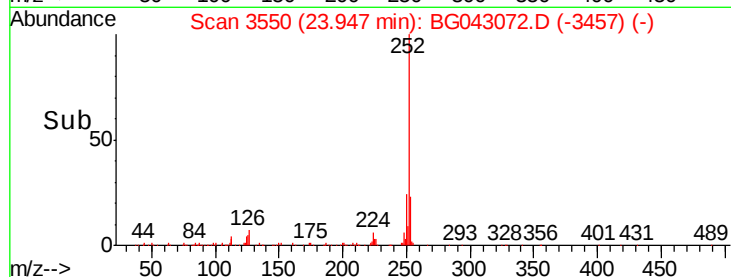
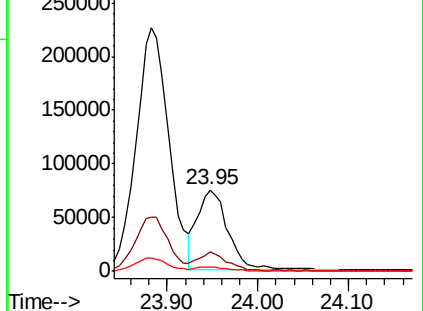
125 4.9 4.6 7.0



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: 38670.775 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.05 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

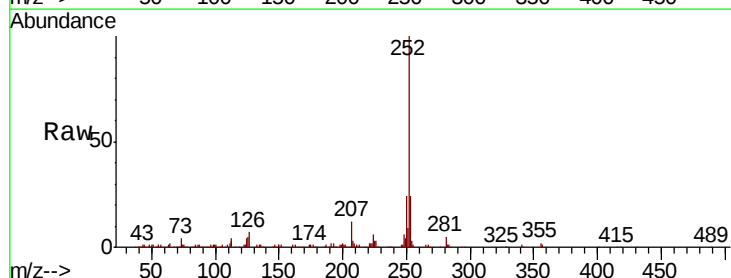
Tgt Ion:252 Resp: 175335

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

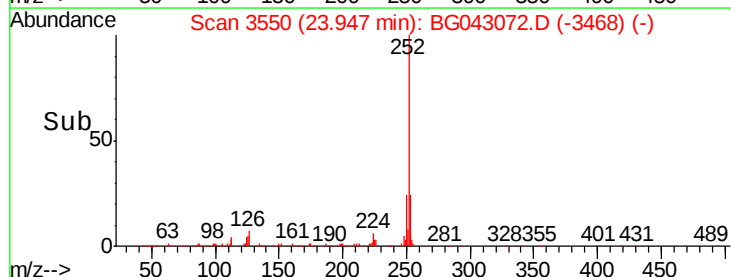
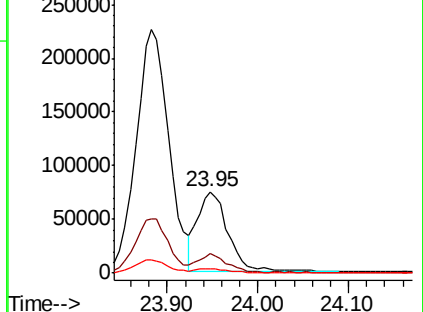
125 4.9 4.5 6.7

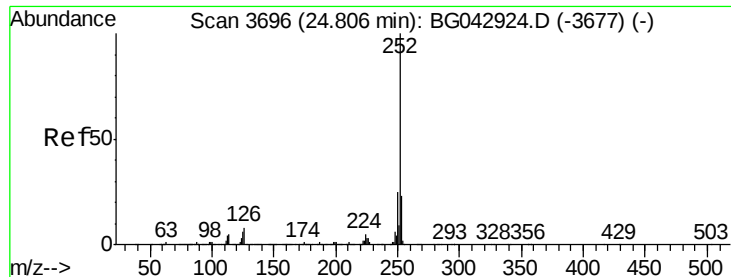


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 28727.562 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.05 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MSD

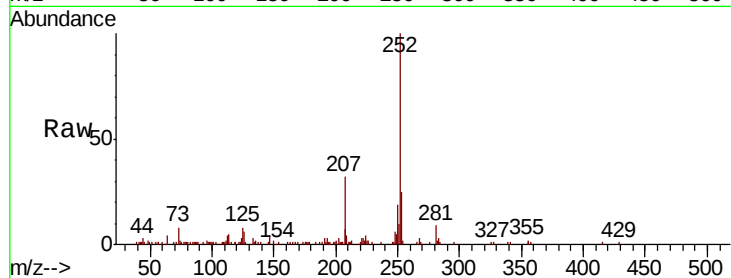
Tot Ion:252 Resp: 124220

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.4

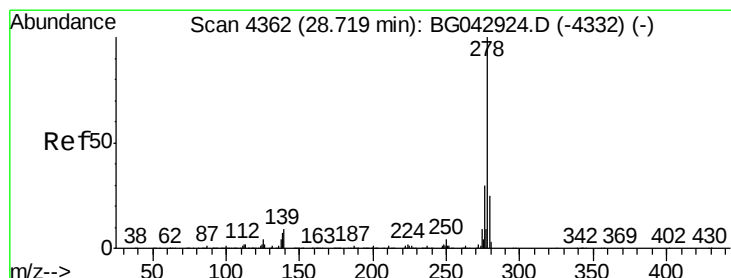
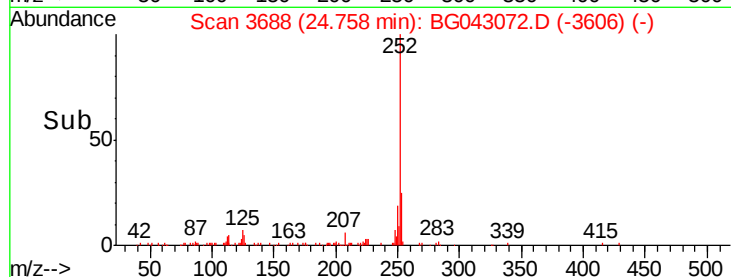
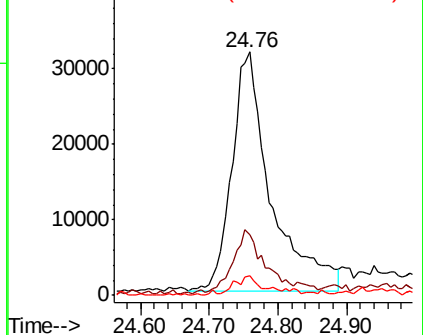
125 8.0 5.0 7.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 99864.581 ng

RT: 28.62 min Scan# 4346

Delta R.T. -0.09 min

Lab File: BG043072.D

Acq: 7 Oct 2019 17:53

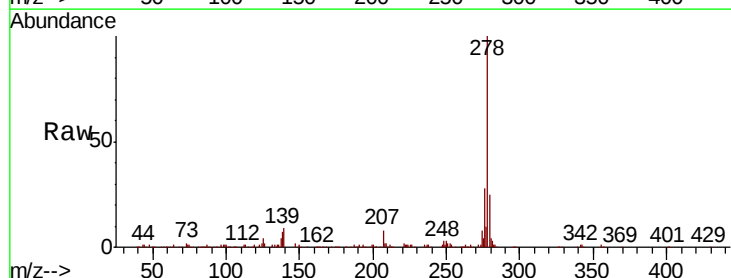
Tgt Ion:278 Resp: 442798

Ion Ratio Lower Upper

278 100

139 9.2 6.8 10.2

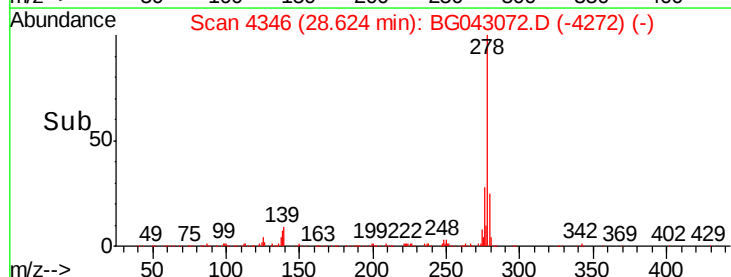
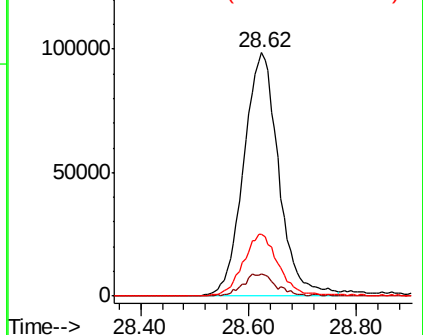
279 25.4 20.1 30.1

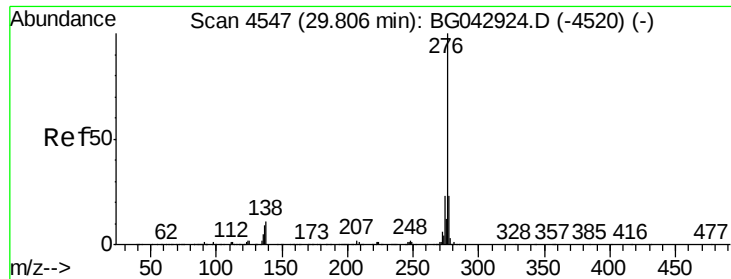


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 23021.885 ng
 RT: 29.71 min Scan# 4530
 Delta R.T. -0.10 min
 Lab File: BG043072.D
 Acq: 7 Oct 2019 17:53

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	13.5	8.6	12.8

