

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043069.D
 Acq On : 7 Oct 2019 15:58
 Operator : JU
 Sample : K5168-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 10/8/2019 12:22:42 PM

Quant Time: Oct 08 02:10:04 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	48646	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	198113	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	156289	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	395048	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	430285	20.00	ng	-0.02
87) Perylene-d12	24.91	264	493030	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	328822	120.63	ng	-0.01
7) Phenol-d6	7.24	99	491542	125.22	ng	0.00
23) Nitrobenzene-d5	9.22	82	297016	72.87	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	342654	127.50	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	732043	67.90	ng	-0.02
79) Terphenyl-d14	20.03	244	1466964	72.65	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	37550	33.041 ng	89
3) Pyridine	3.93	79	95059	29.739 ng	87
4) n-Nitrosodimethylamine	3.85	42	59314	38.587 ng	85
6) Aniline	7.39	93	196316	41.431 ng	98
8) 2-Chlorophenol	7.63	128	145883	51.318 ng	98
9) Benzaldehyde	7.19	77	88166	36.756 ng	87
10) Phenol	7.26	94	204888	56.891 ng	94
11) bis(2-Chloroethyl)ether	7.48	93	122894	44.103 ng	96
12) 1,3-Dichlorobenzene	7.95	146	147938	40.795 ng	96
13) 1,4-Dichlorobenzene	8.09	146	157122	43.463 ng	98
14) 1,2-Dichlorobenzene	8.42	146	149294	43.378 ng	95
15) Benzyl Alcohol	8.30	79	145549	49.318 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	187390	35.017 ng	96
17) 2-Methylphenol	8.50	107	129210	51.275 ng	97
18) Hexachloroethane	9.14	117	55507	40.770 ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	114414	44.389 ng	92
20) 3+4-Methylphenols	8.83	107	178161	51.591 ng	95
22) Acetophenone	8.88	105	222456	43.561 ng	# 94
24) Nitrobenzene	9.26	77	175644	45.178 ng	98
25) Isophorone	9.79	82	331202	46.260 ng	97
26) 2-Nitrophenol	9.97	139	86033	51.982 ng	97
27) 2,4-Dimethylphenol	10.04	122	143272	56.369 ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	179829	44.270 ng	97
29) 2,4-Dichlorophenol	10.51	162	168905	53.432 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	179318	43.927 ng	95
31) Naphthalene	10.91	128	455102	46.666 ng	99
32) Benzoic acid	10.19	122	92352	46.902 ng	96
33) 4-Chloroaniline	11.02	127	125357	29.623 ng	95
34) Hexachlorobutadiene	11.20	225	126138	41.268 ng	96
35) Caprolactam	11.79	113	58069m	52.091 ng	
36) 4-Chloro-3-methylphenol	12.15	107	188664	54.892 ng	97
37) 2-Methylnaphthalene	12.51	142	368225	49.494 ng	98
38) 1-Methylnaphthalene	12.73	142	343812	48.838 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	236921	40.318 ng	98

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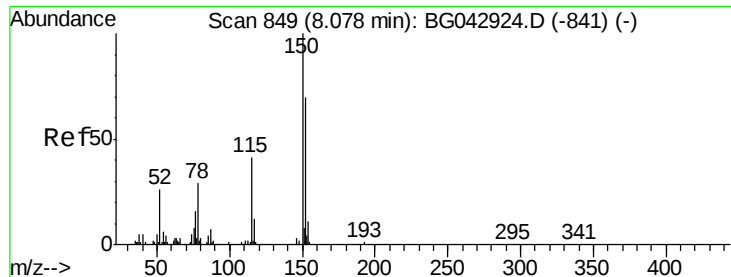
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	323887	86.505	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	166704	48.468	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	178203	50.295	ng	95
46) 1,1'-Biphenyl	13.52	154	511507	43.157	ng	97
47) 2-Chloronaphthalene	13.56	162	395481	44.506	ng	99
48) 2-Nitroaniline	13.76	65	131520	44.507	ng	# 86
49) Acenaphthylene	14.40	152	655786	48.230	ng	100
50) Dimethylphthalate	14.13	163	673894	57.548	ng	98
51) 2,6-Dinitrotoluene	14.25	165	128414	51.494	ng	91
52) Acenaphthene	14.74	154	400190	43.971	ng	99
53) 3-Nitroaniline	14.59	138	93464	36.266	ng	95
54) 2,4-Dinitrophenol	14.79	184	164429	106.078	ng	92
55) Dibenzofuran	15.08	168	647950	48.127	ng	99
56) 4-Nitrophenol	14.90	139	216180	110.091	ng	96
57) 2,4-Dinitrotoluene	15.04	165	184112	50.416	ng	97
58) Fluorene	15.73	166	554876	48.274	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	187774	49.774	ng	98
60) Diethylphthalate	15.50	149	570544	47.875	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	322108	46.726	ng	99
62) 4-Nitroaniline	15.75	138	139434	49.608	ng	97
63) Azobenzene	16.01	77	487970	44.974	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	118422	52.975	ng	95
66) n-Nitrosodiphenylamine	15.93	169	505210	48.444	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	228569	46.099	ng	96
68) Hexachlorobenzene	16.73	284	256847	46.525	ng	95
69) Atrazine	16.88	200	196448	44.734	ng	95
70) Pentachlorophenol	17.08	266	330032	103.603	ng	98
71) Phenanthrene	17.46	178	941721	48.828	ng	98
72) Anthracene	17.56	178	945485	49.106	ng	99
73) Carbazole	17.83	167	858827	48.101	ng	100
74) Di-n-butylphthalate	18.38	149	1002982	47.083	ng	99
75) Fluoranthene	19.47	202	1273676	49.929	ng	99
77) Benzidine	19.65	184	582939	54.107	ng	99
78) Pyrene	19.83	202	1265786	49.287	ng	99
80) Butylbenzylphthalate	20.72	149	454310	46.604	ng	97
81) Benzo(a)anthracene	21.67	228	1253625	46.758	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	392413	37.318	ng	96
83) Chrysene	21.74	228	1219994	46.891	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	651465	46.965	ng	98
85) Di-n-octyl phthalate	22.79	149	1111742	49.014	ng	95
86) Indeno(1,2,3-cd)pyrene	28.58	276	1606464	49.598	ng	# 96
88) Benzo(b)fluoranthene	23.89	252	1341965	48.104	ng	100
89) Benzo(k)fluoranthene	23.96	252	1336046	48.411	ng	100
90) Benzo(a)pyrene	24.76	252	1328076	50.459	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1344818	49.829	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1348199	51.557	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG043069.D

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BNA_G

ClientSampleId :

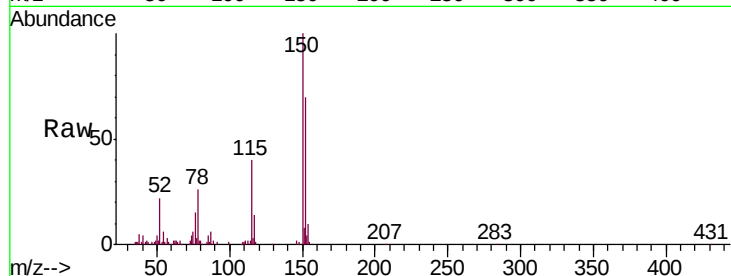
20190773-SS-COMPOSITE-13MS

Tgt Ion:	152	Resp:	48646
Ion Ratio	Lower	Upper	
152	100		
150	143.5	115.0	172.4
115	57.0	47.0	70.6

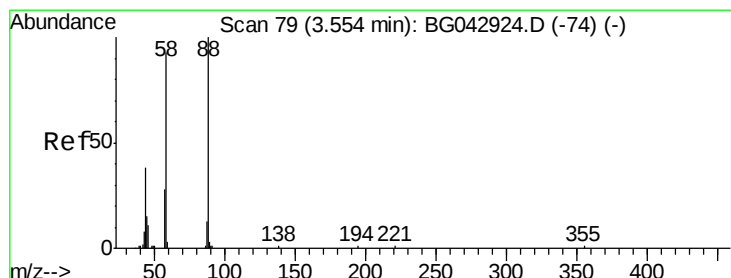
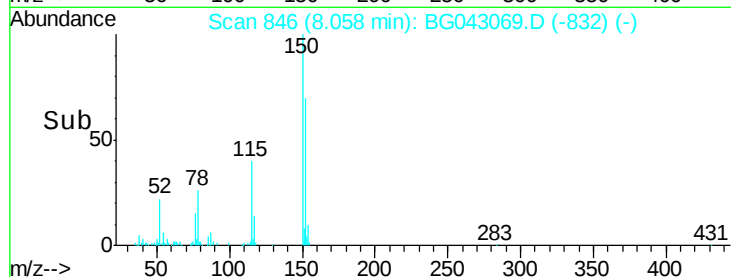
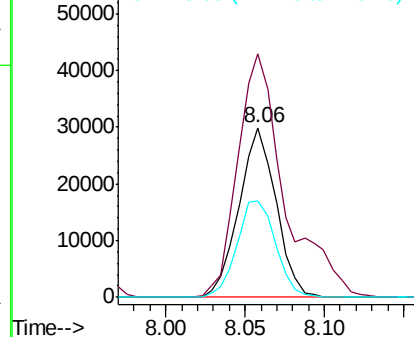
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.041 ng

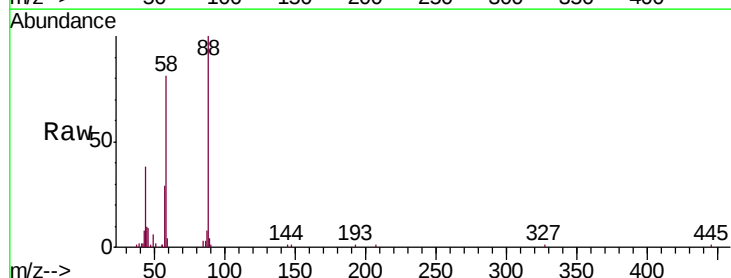
RT: 3.53 min Scan# 76

Delta R.T. -0.02 min

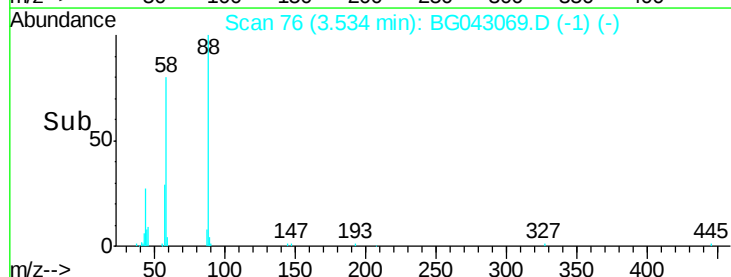
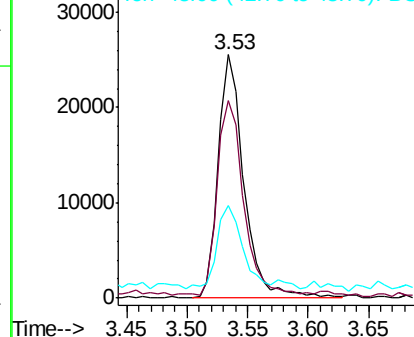
Lab File: BG043069.D

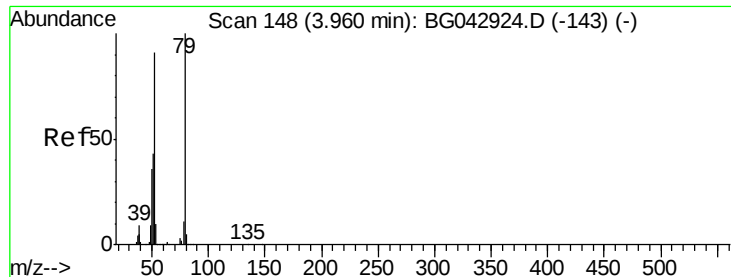
Acq: 7 Oct 2019 15:58

Tgt Ion:	88	Resp:	37550
Ion Ratio	Lower	Upper	
88	100		
58	80.1	74.3	111.5
43	33.5	29.8	44.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.739 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

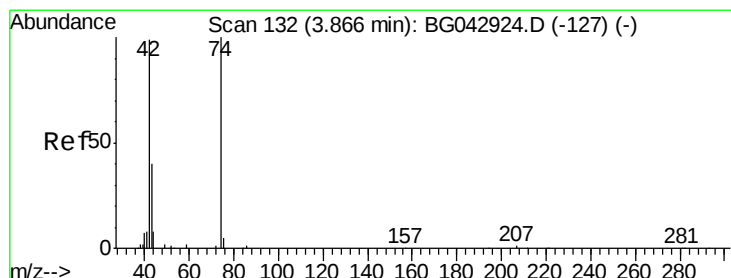
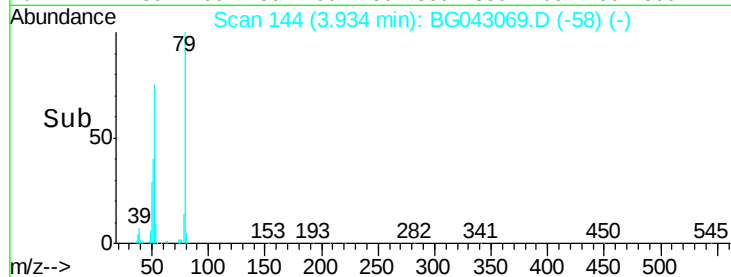
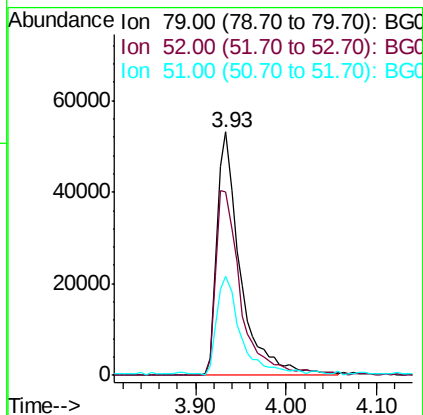
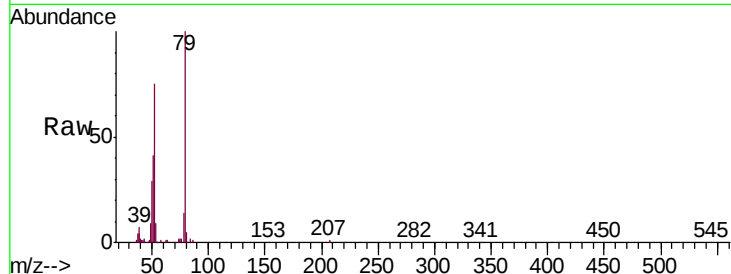
20190773-SS-COMPOSITE-13MS

Tgt Ion:	79	Resp:	95059
Ion Ratio	Lower	Upper	
79	100		
52	75.5	73.0	109.4
51	40.8	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 38.587 ng

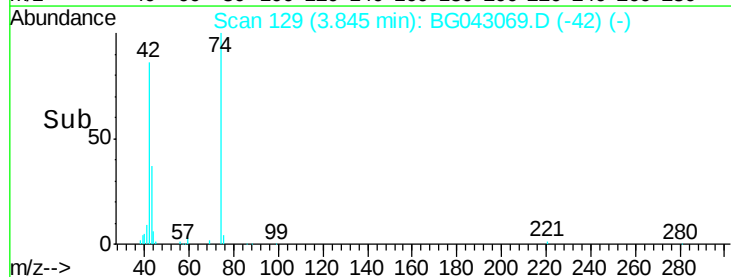
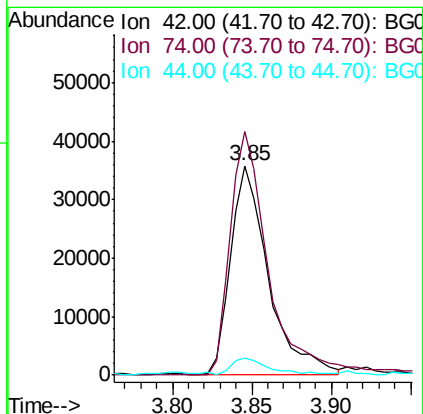
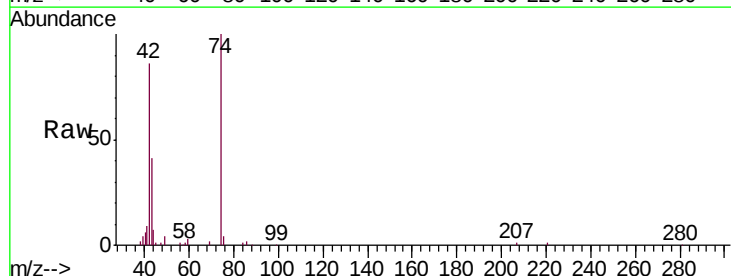
RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	42	Resp:	59314
Ion Ratio	Lower	Upper	
42	100		
74	116.5	80.5	120.7
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 120.631 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

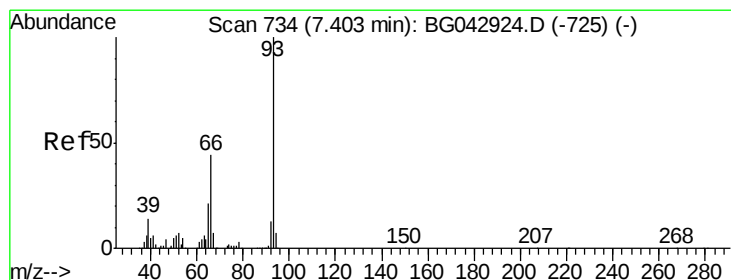
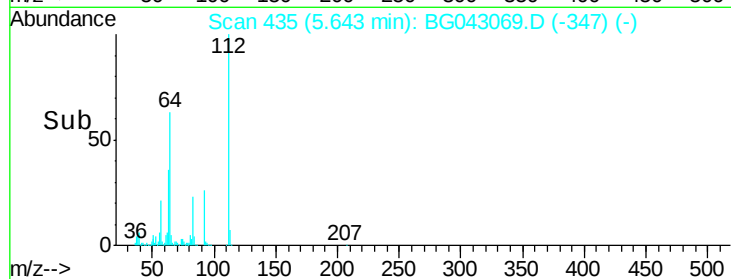
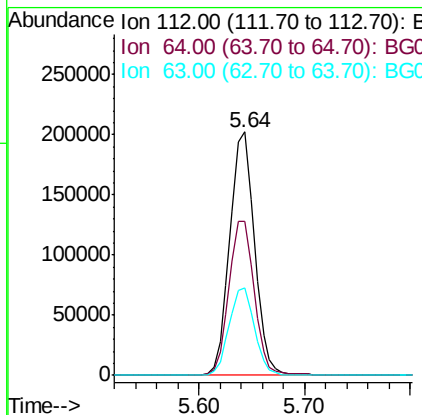
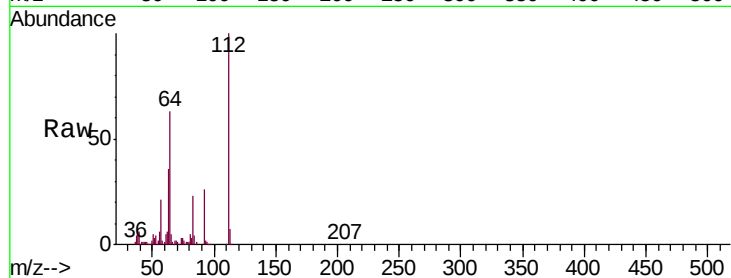
20190773-SS-COMPOSITE-13MS

Tgt Ion:	112	Resp:	328822
Ion Ratio	Lower	Upper	
112	100		
64	63.2	56.6	84.8
63	35.7	35.1	52.7

Manual Integrations
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#6

Aniline

Concen: 41.431 ng

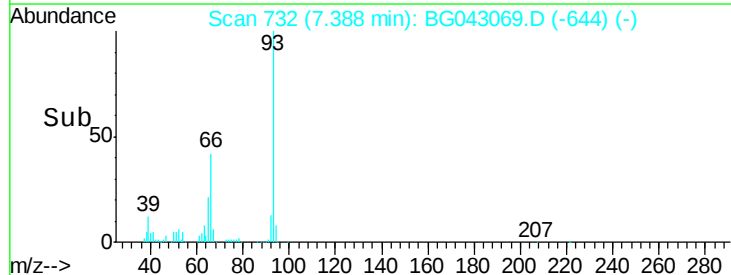
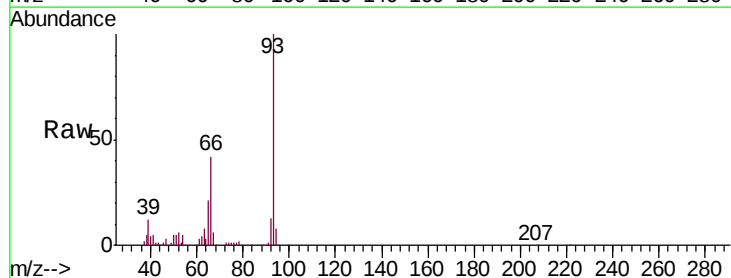
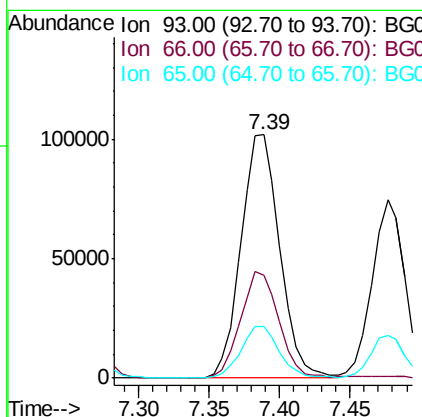
RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	93	Resp:	196316
Ion Ratio	Lower	Upper	
93	100		
66	42.2	35.0	52.6
65	21.4	17.4	26.0





#7

Phenol-d6

Concen: 125.222 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion: 99 Resp: 491542

Ion Ratio Lower Upper

99 100

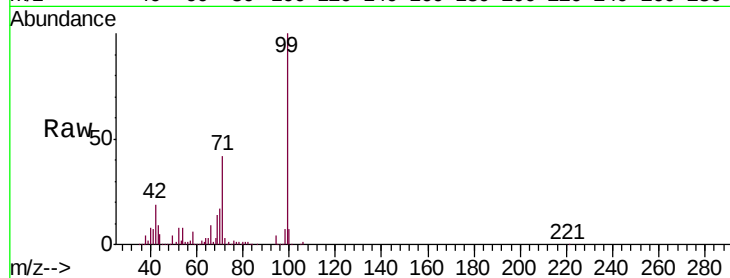
42 19.3 17.2 25.8

71 42.4 33.1 49.7

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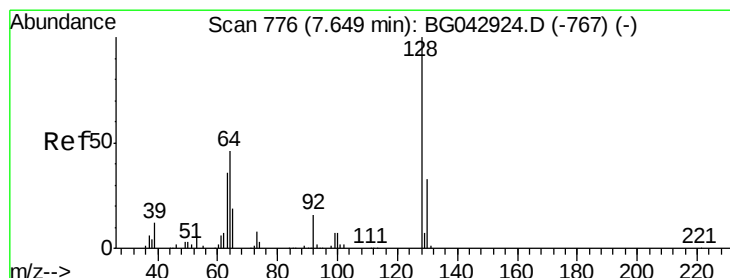
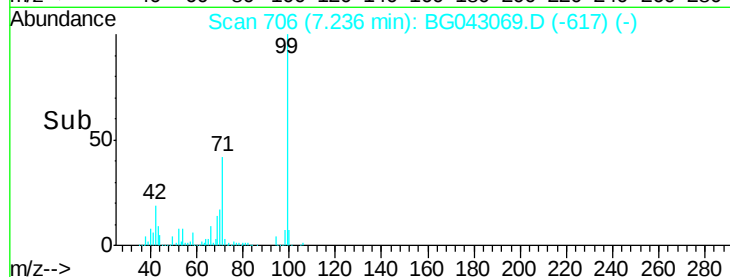
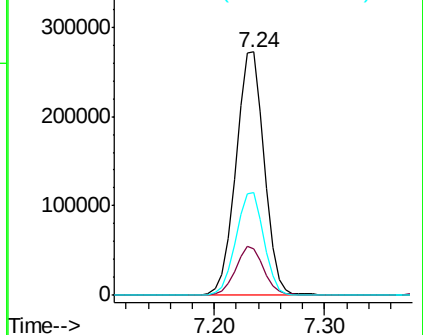
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.318 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043069.D

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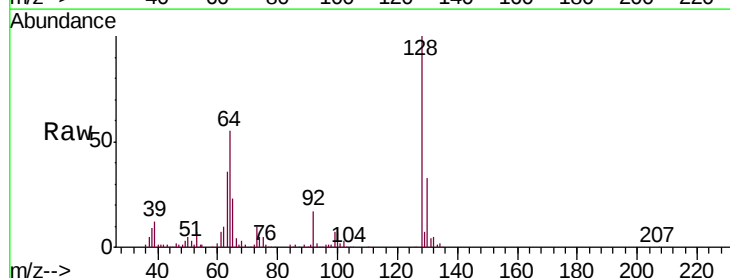
Tgt Ion: 128 Resp: 145883

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

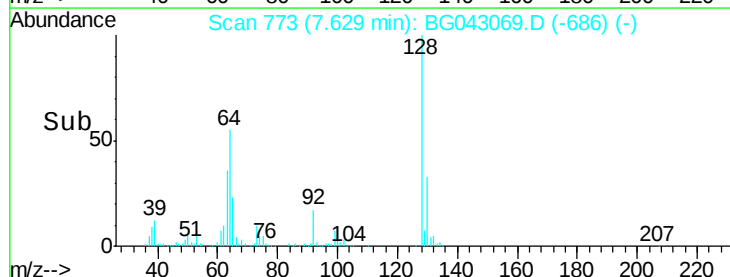
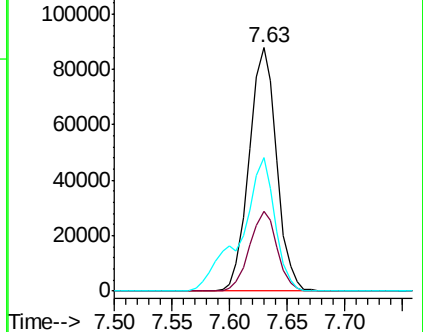
64 54.8 32.8 72.8

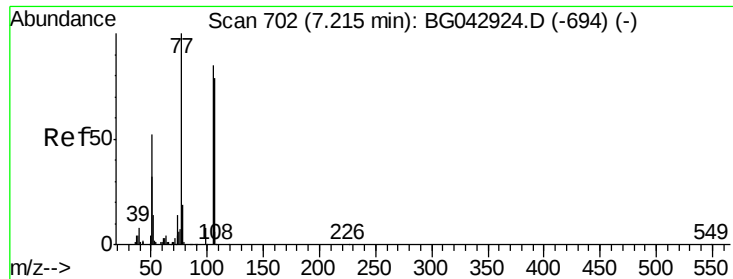


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.756 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

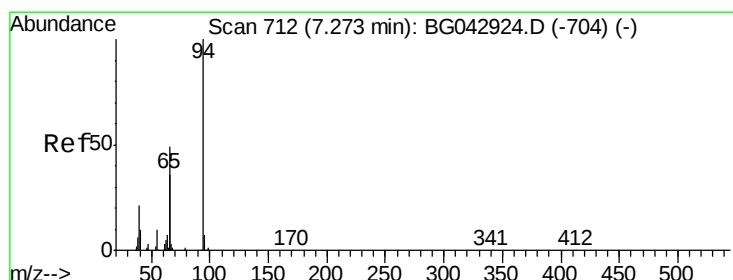
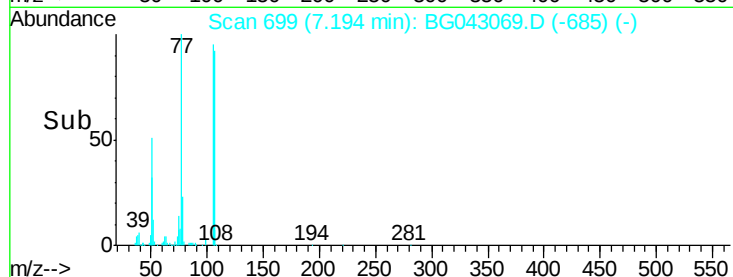
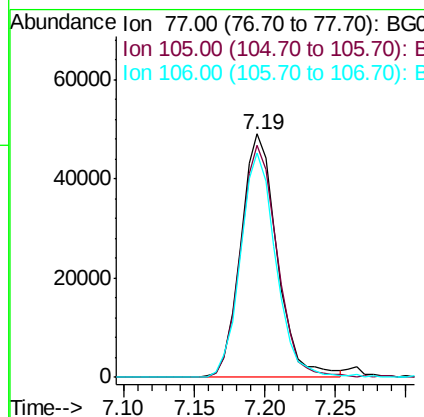
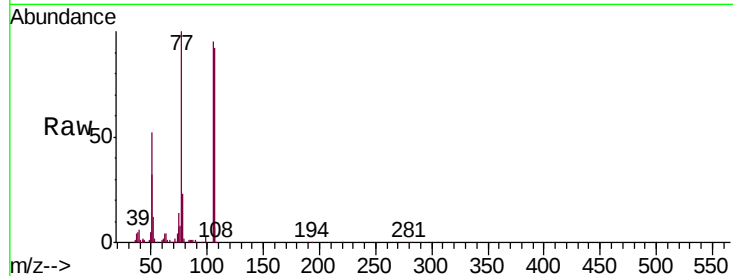
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Tgt Ion:	77	Resp:	88166
Ion	Ratio	Lower	Upper
77	100		
105	95.5	64.6	104.6
106	92.4	59.4	99.4

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#10

Phenol

Concen: 56.891 ng

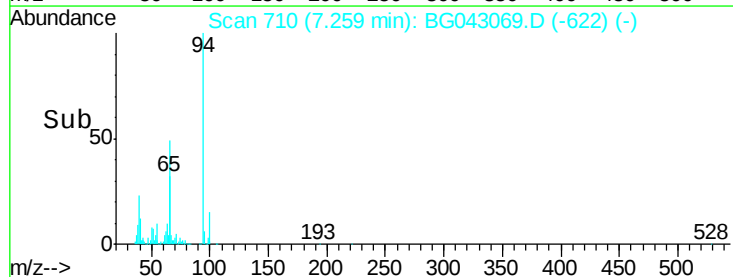
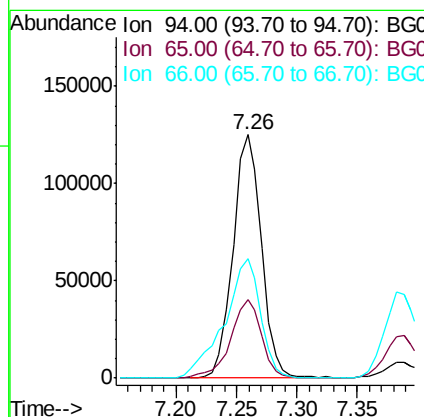
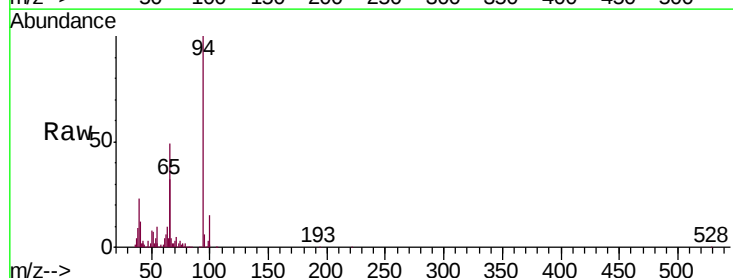
RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	94	Resp:	204888
Ion	Ratio	Lower	Upper
94	100		
65	32.3	16.6	56.6
66	49.2	32.4	72.4





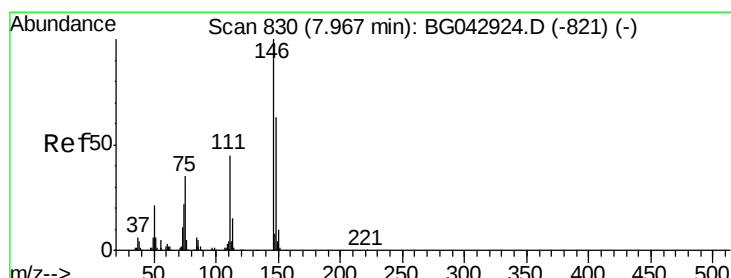
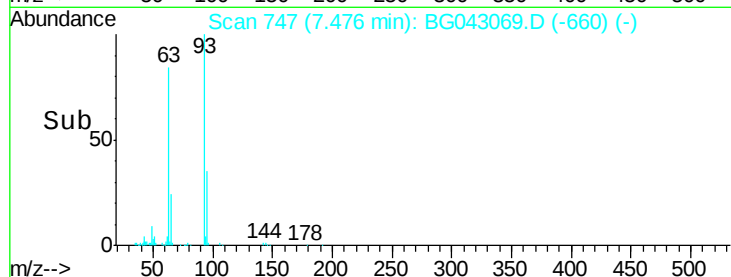
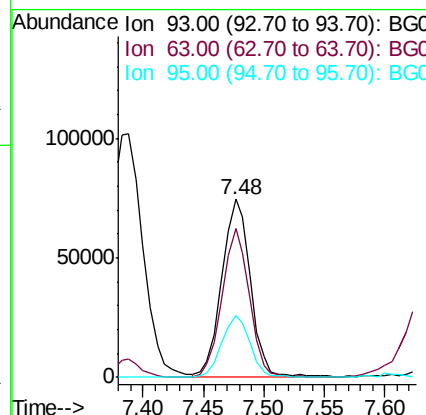
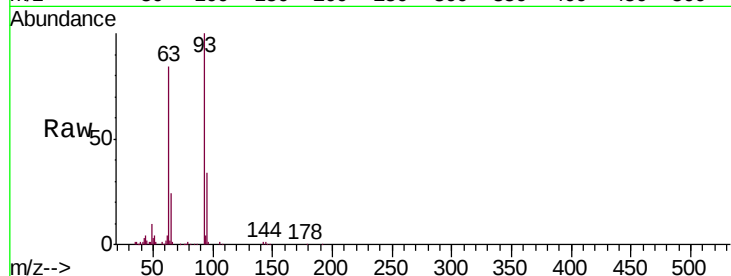
#11
bis(2-Chloroethyl)ether
Concen: 44.103 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	122894		
63	83.8	67.4	107.4	
95	34.4	11.9	51.9	

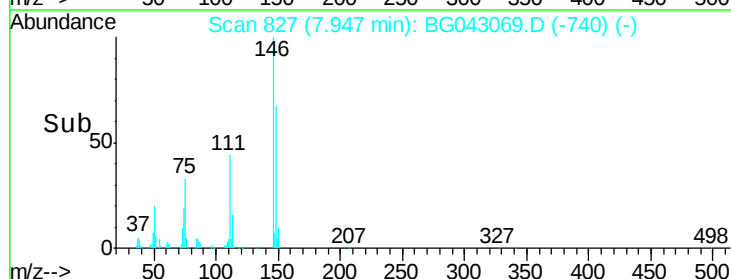
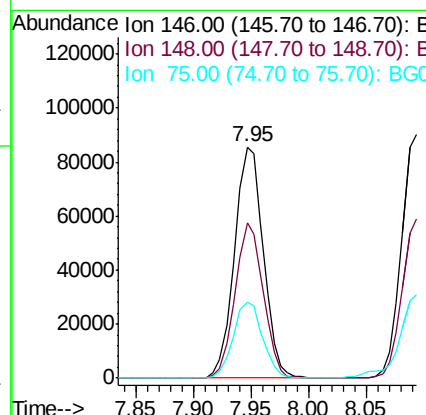
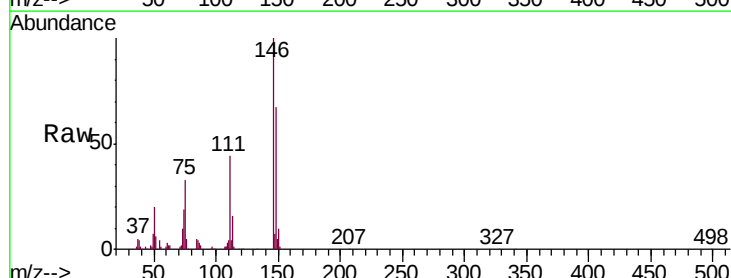
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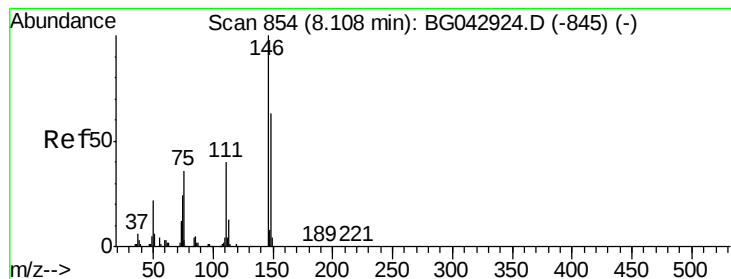
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#12
1,3-Dichlorobenzene
Concen: 40.795 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	147938		
148	67.0	50.7	76.1	
75	33.0	27.7	41.5	





#13

1,4-Dichlorobenzene

Concen: 43.463 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

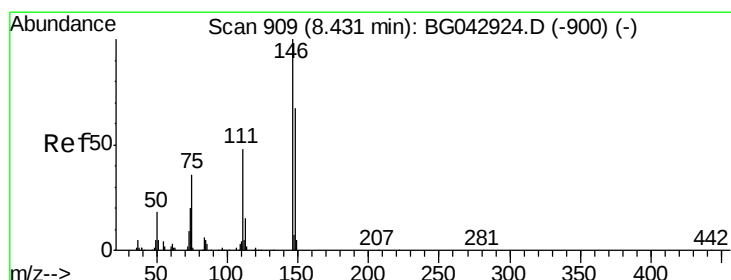
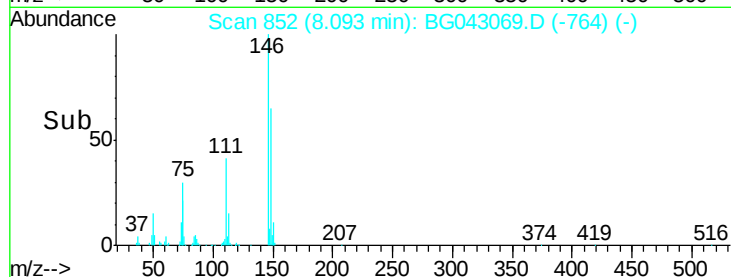
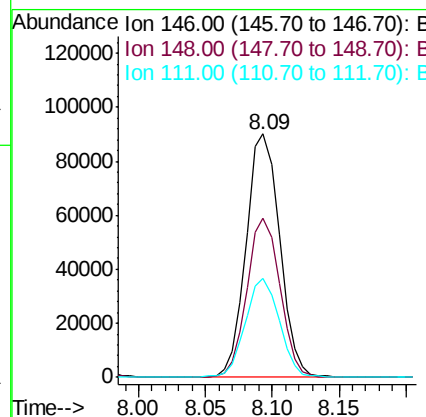
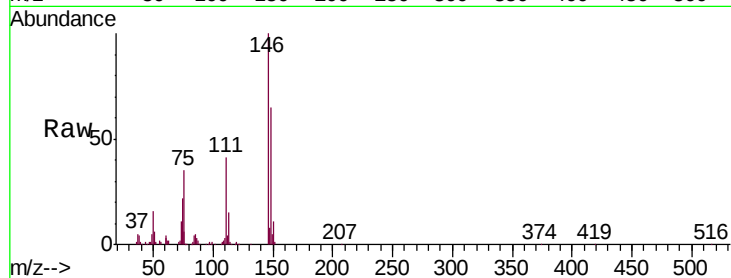
20190773-SS-COMPOSITE-13MS

Tgt Ion:	146	Resp:	157122
Ion Ratio		Lower	Upper
146	100		
148	65.2	50.9	76.3
111	40.7	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 43.378 ng

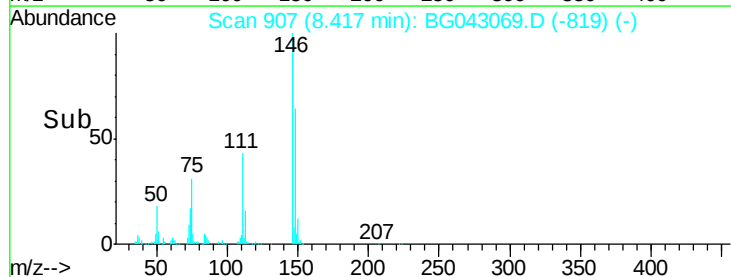
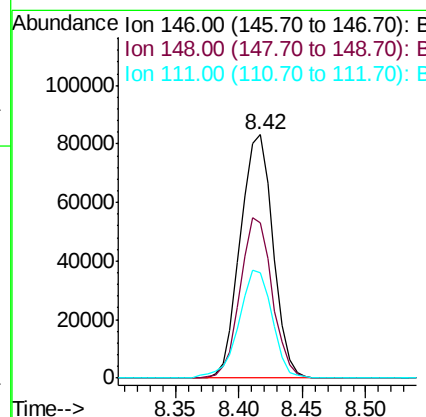
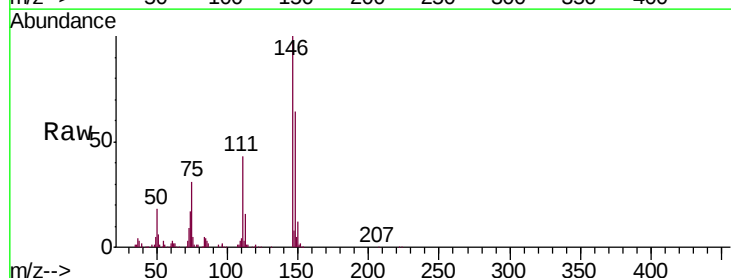
RT: 8.42 min Scan# 907

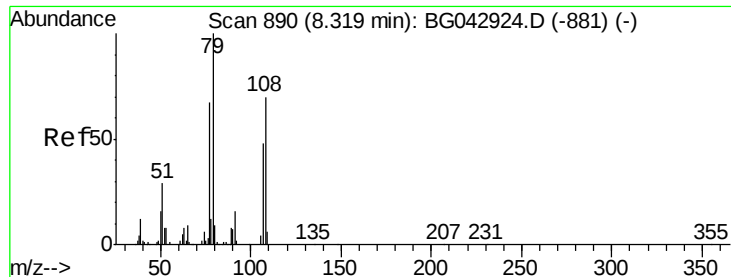
Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	146	Resp:	149294
Ion Ratio		Lower	Upper
146	100		
148	63.6	53.4	80.2
111	43.1	38.5	57.7





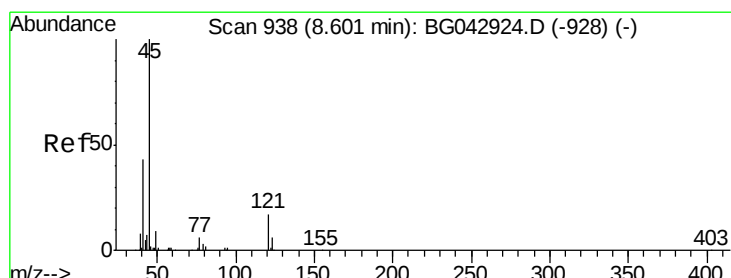
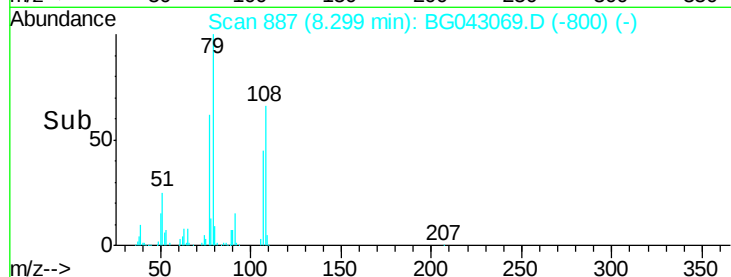
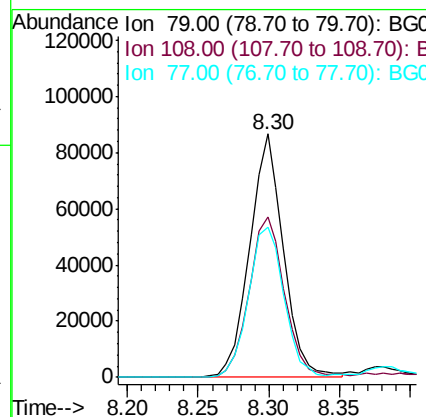
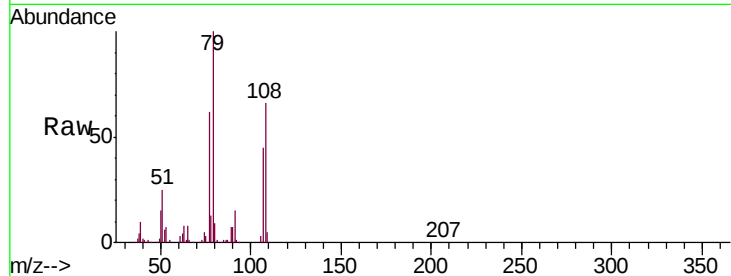
#15
Benzyl Alcohol
Concen: 49.318 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.0	55.7	83.5
77	61.7	53.3	79.9

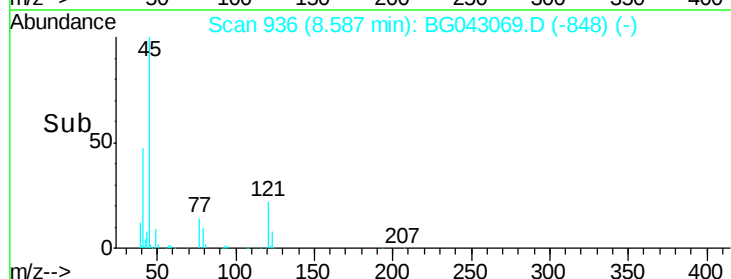
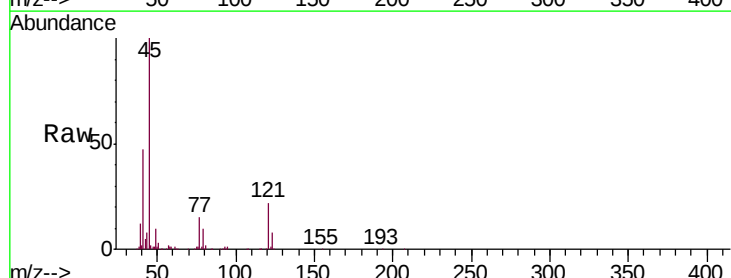
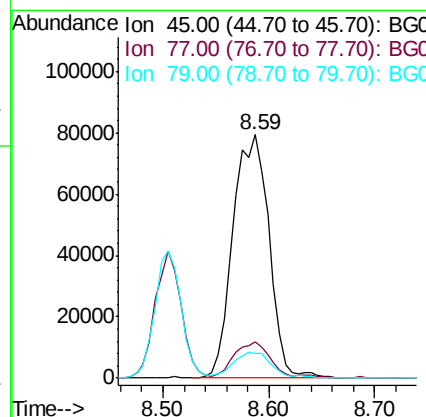
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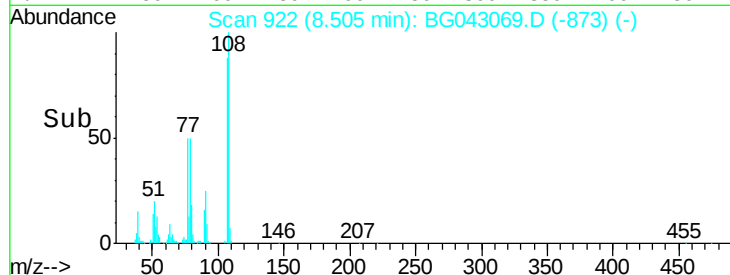
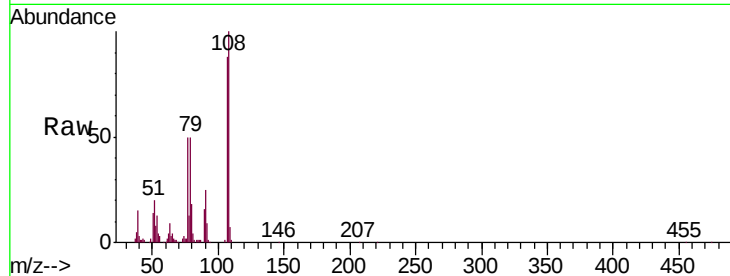
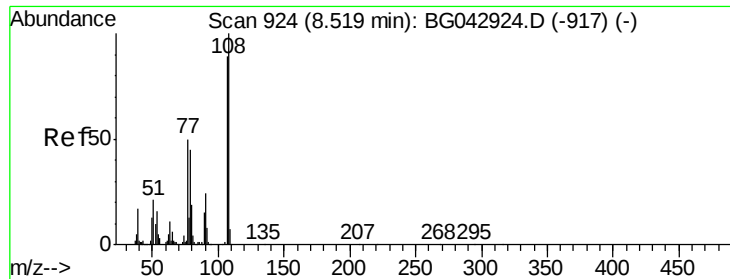
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.017 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

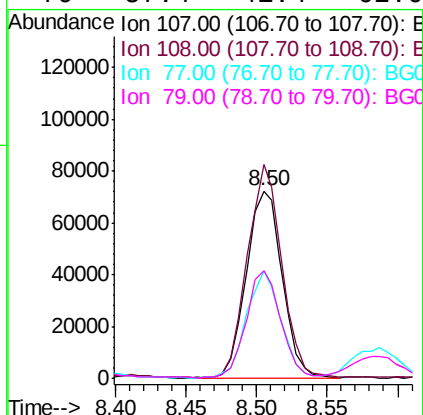
Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.8
79	10.3	0.0	29.4





#17
2-Methylphenol
Concen: 51.275 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

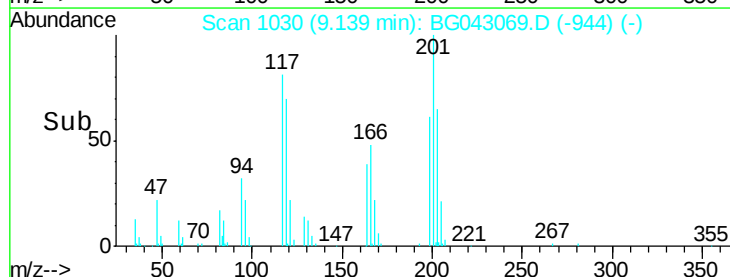
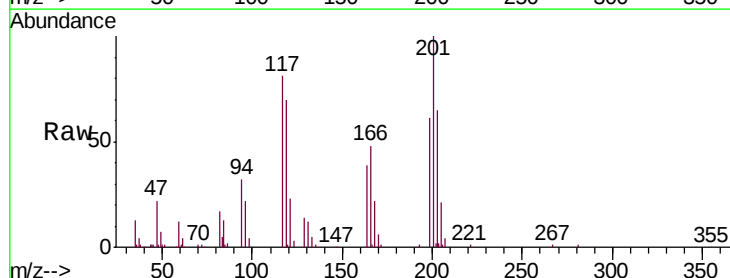
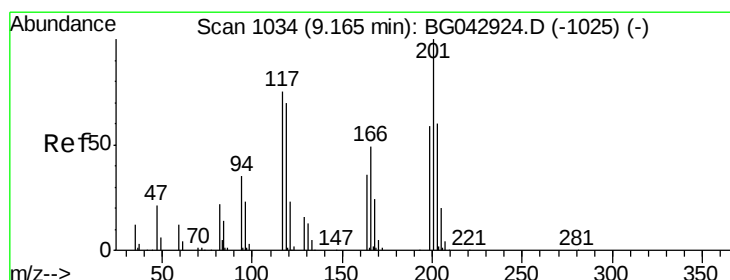
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	89.9	134.9	
77	57.2	45.4	68.2	
79	57.4	41.4	62.0	



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

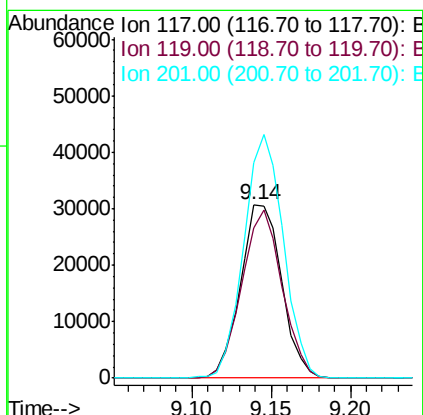
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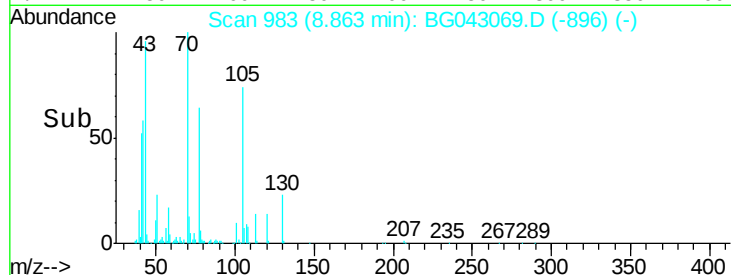
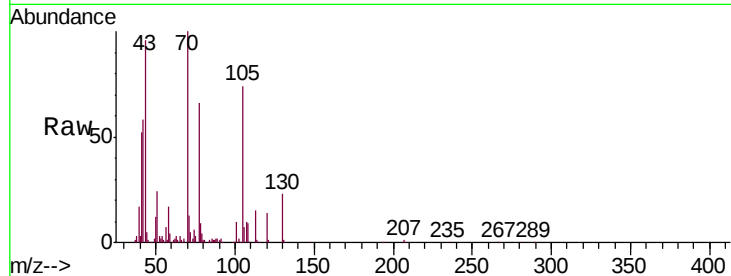
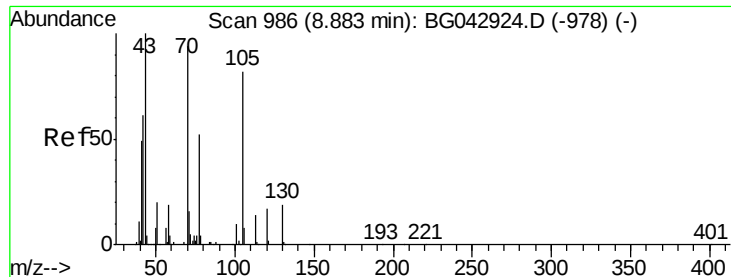
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#18
Hexachloroethane
Concen: 40.770 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	86.4	74.6	111.8	
201	123.9	106.0	159.0	





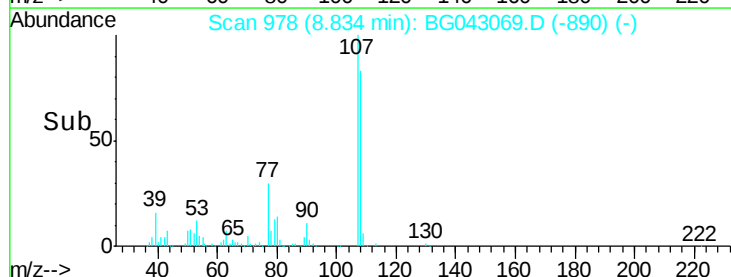
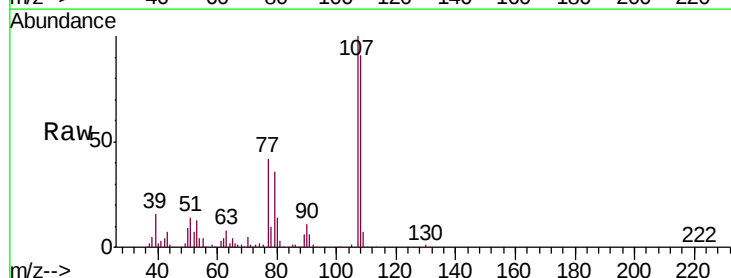
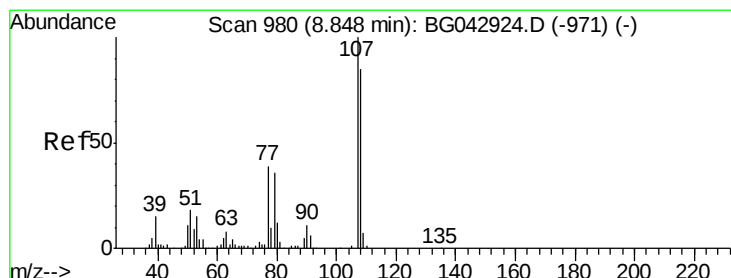
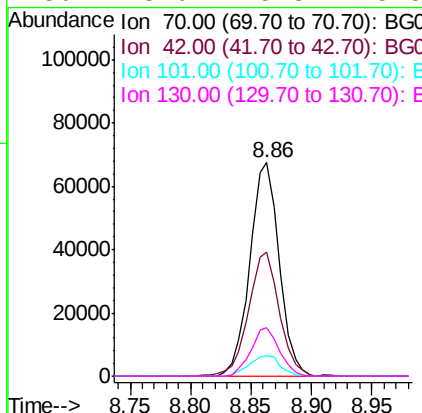
#19
n-Nitroso-di-n-propylamine
Concen: 44.389 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.1	52.6	79.0
101	9.6	8.7	13.1
130	23.0	15.8	23.8

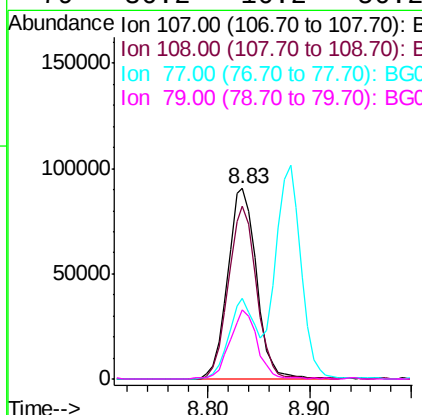
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#20
3+4-Methylphenols
Concen: 51.591 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	64.9	104.9
77	42.3	19.4	59.4
79	36.2	16.2	56.2





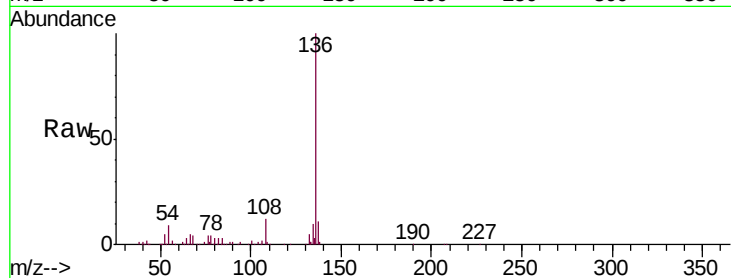
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

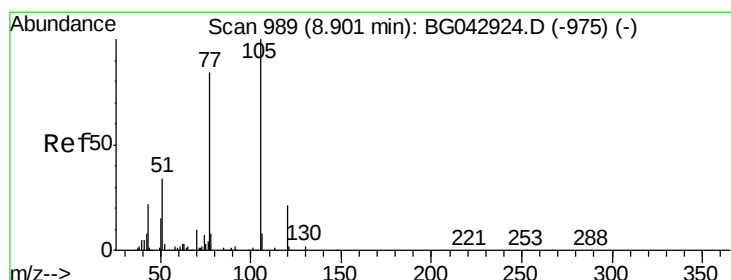
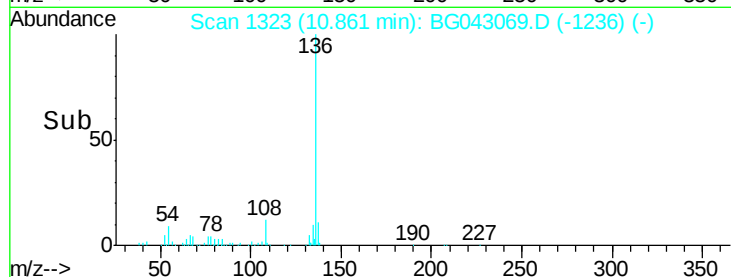
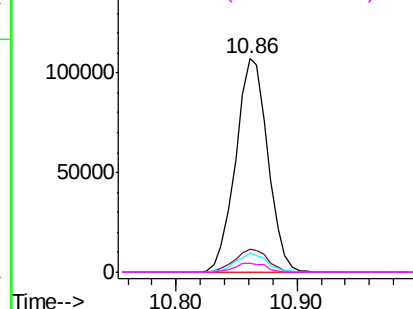
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	198113		
137	10.8	8.5	12.7	
54	9.2	7.4	11.2	
68	4.3	3.6	5.4	

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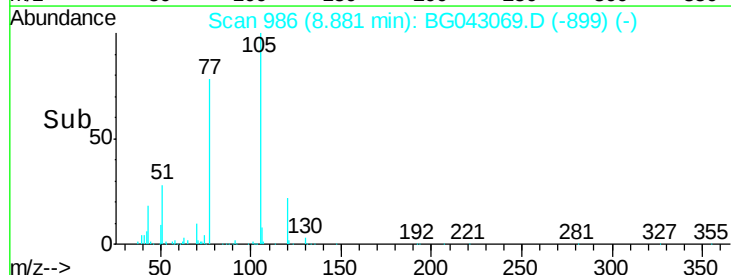
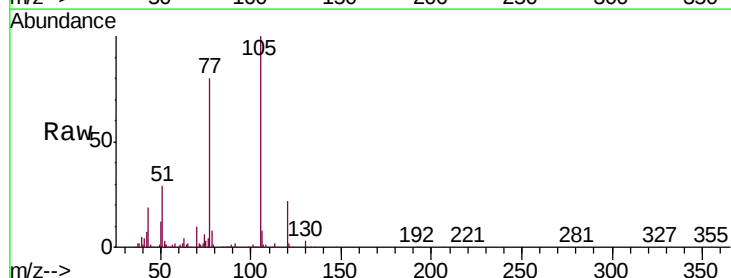
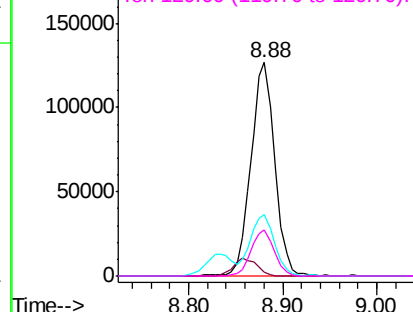
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

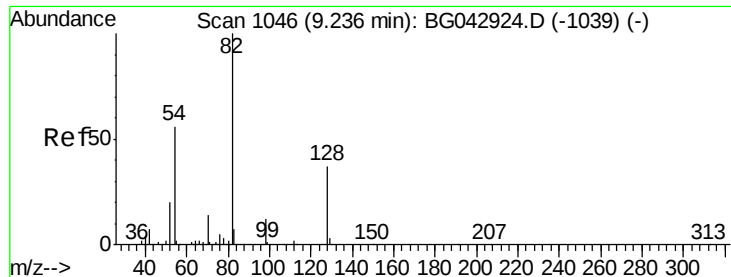


#22
Acetophenone
Concen: 43.561 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222456		
71	1.8	1.2	1.8#	
51	28.8	27.2	40.8	
120	21.6	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





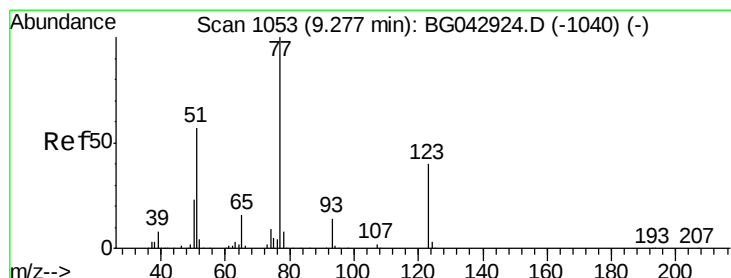
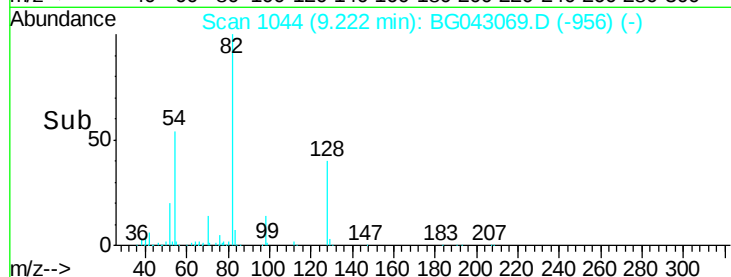
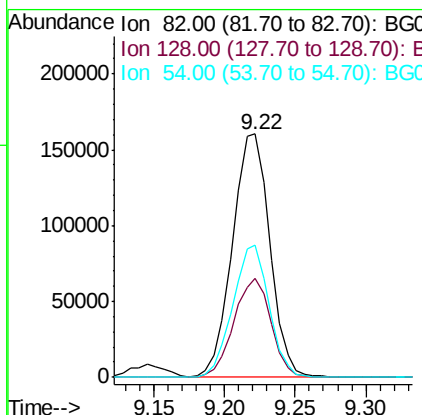
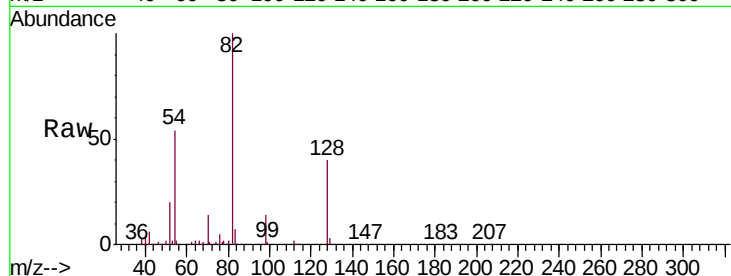
#23
 Nitrobenzene-d5
 Concen: 72.870 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.5	44.3
54	54.1	44.6	67.0

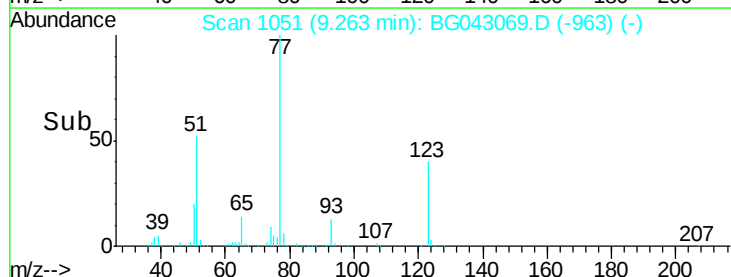
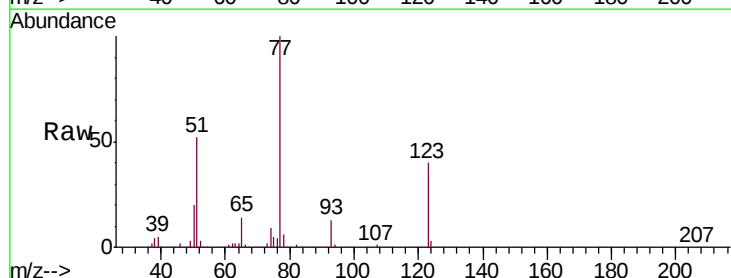
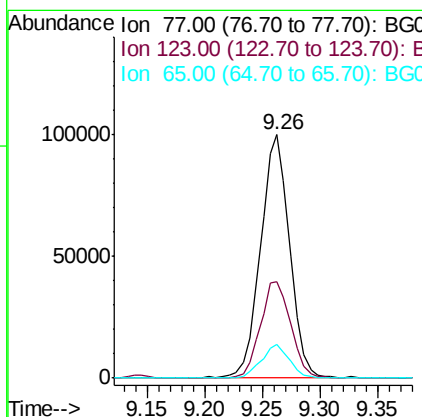
Manual Integrations
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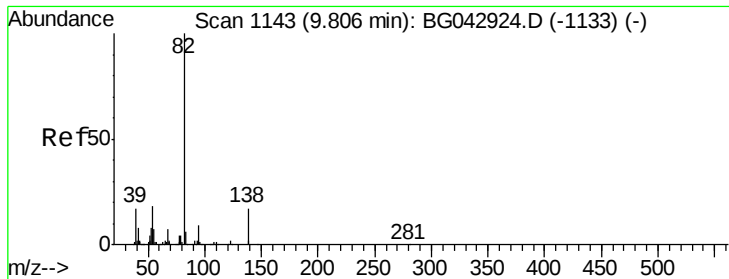
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#24
 Nitrobenzene
 Concen: 45.178 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.9	47.9
65	13.7	12.4	18.6





#25

Isophorone

Concen: 46.260 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

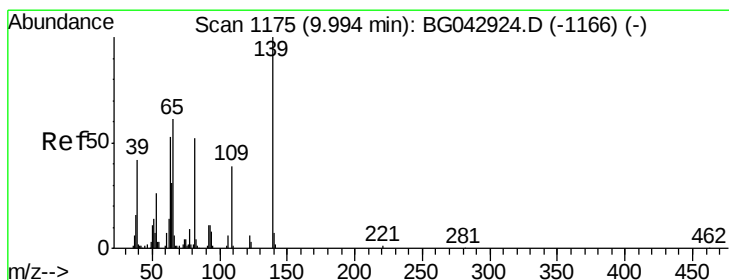
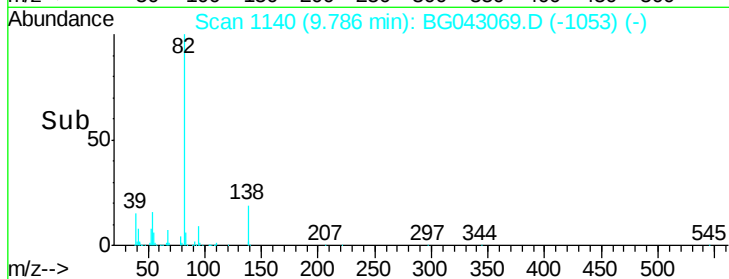
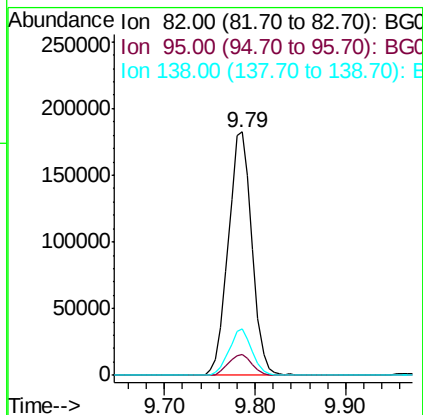
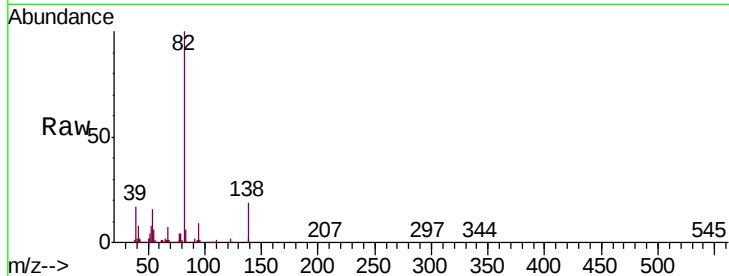
20190773-SS-COMPOSITE-13MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.0	10.4
138	18.9	13.8	20.6

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#26

2-Nitrophenol

Concen: 51.982 ng

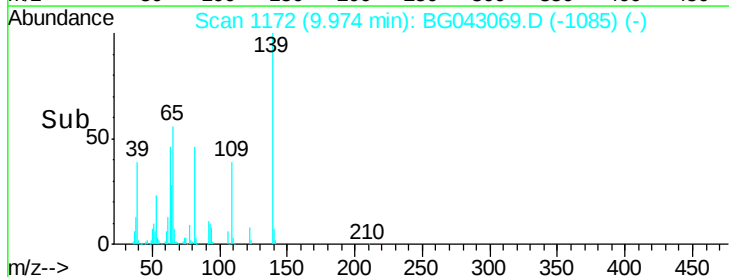
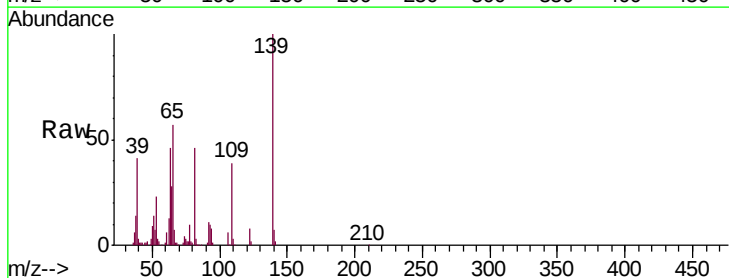
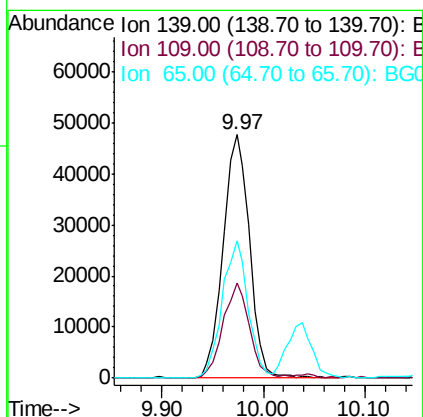
RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.1	31.0	46.6
65	56.7	48.4	72.6





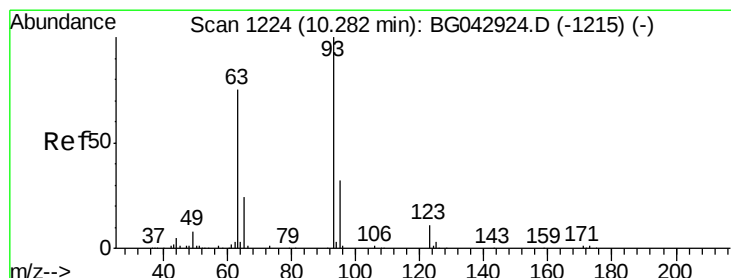
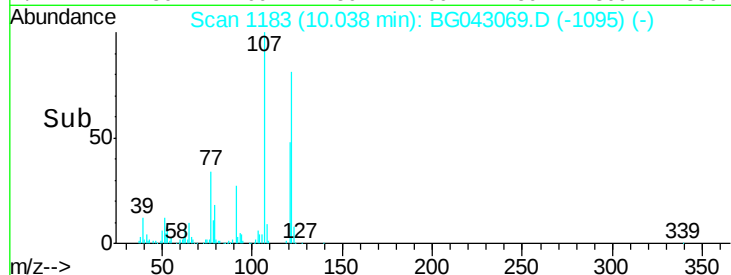
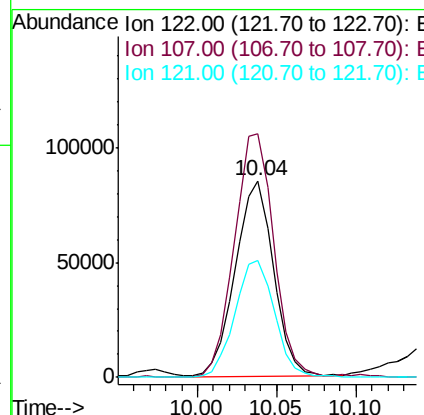
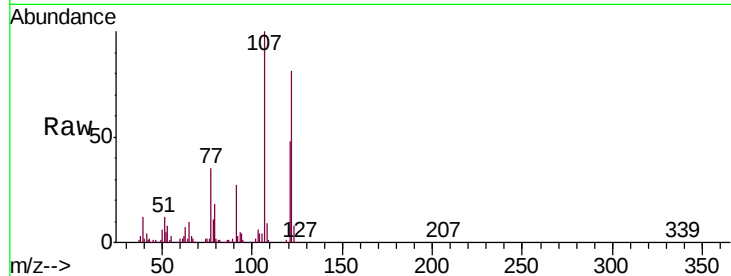
#27
2,4-Dimethylphenol
Concen: 56.369 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	143272		
107	123.9	102.2	153.2	
121	59.7	48.5	72.7	

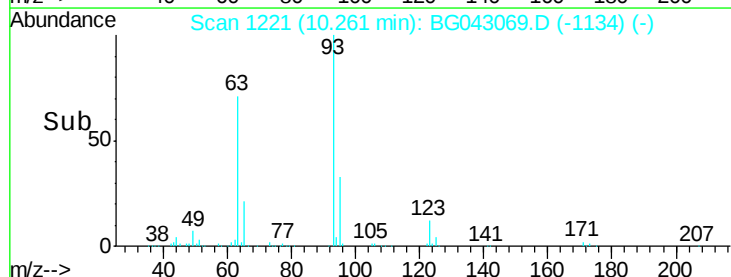
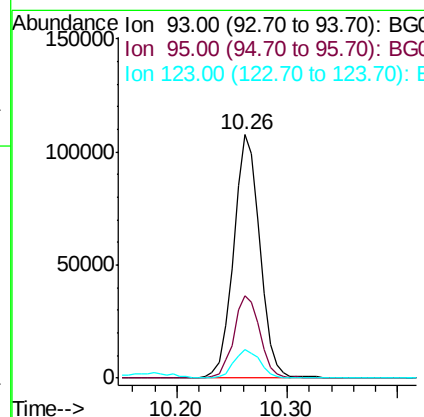
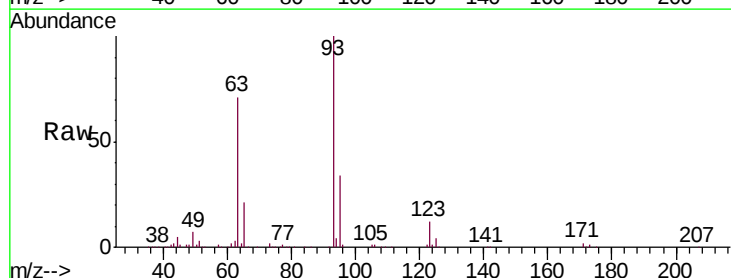
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#28
bis(2-Chloroethoxy)methane
Concen: 44.270 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179829		
95	33.8	25.4	38.0	
123	11.5	9.3	13.9	





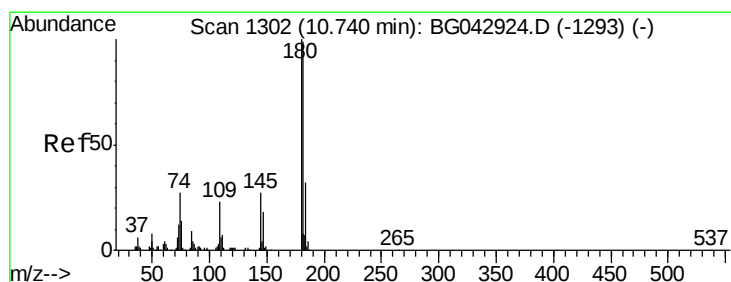
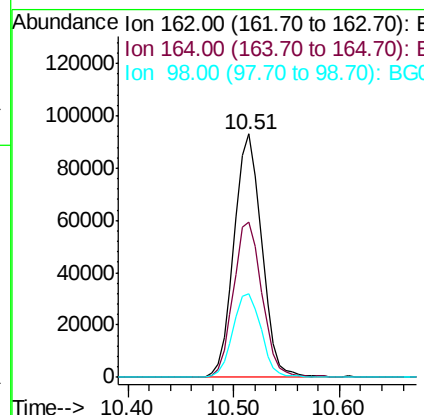
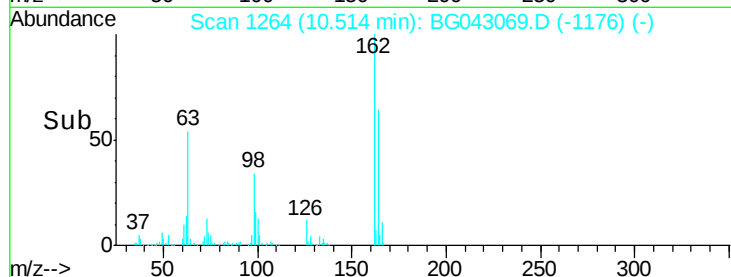
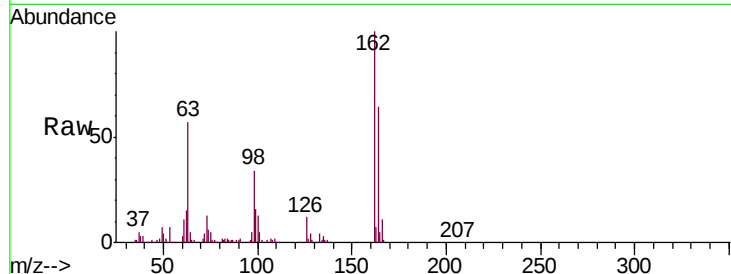
#29
 2,4-Dichlorophenol
 Concen: 53.432 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	168905		
164	63.8	44.7	84.7	
98	34.2	16.0	56.0	

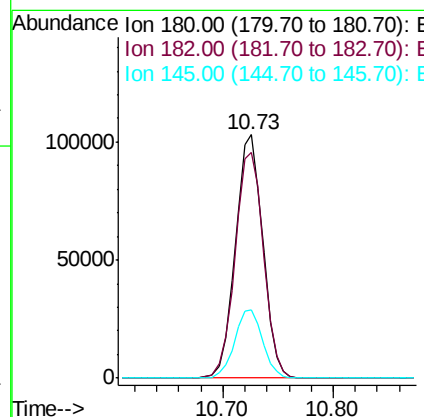
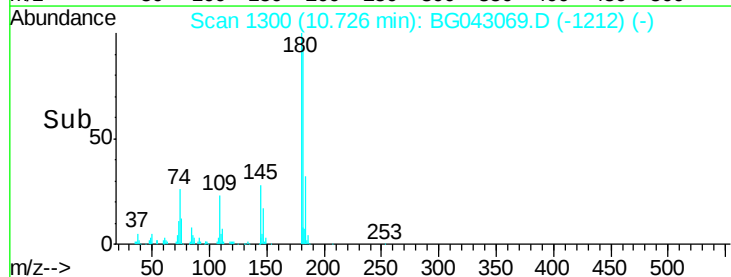
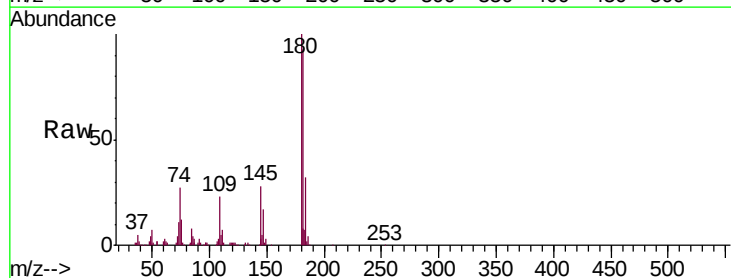
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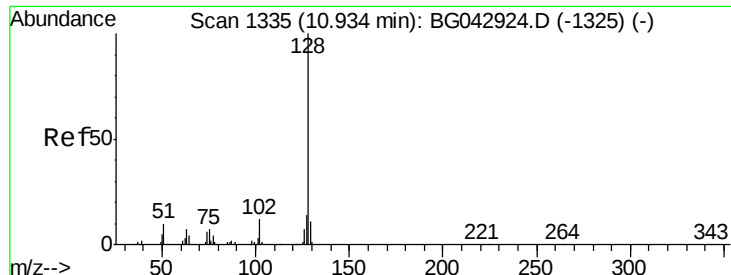
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.927 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179318		
182	92.7	79.3	118.9	
145	27.9	22.0	33.0	





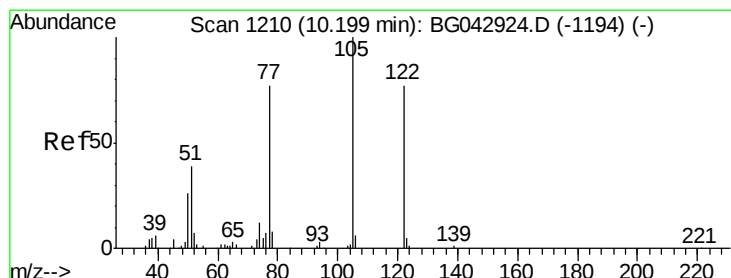
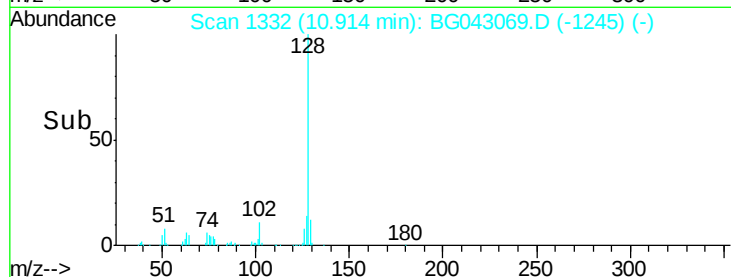
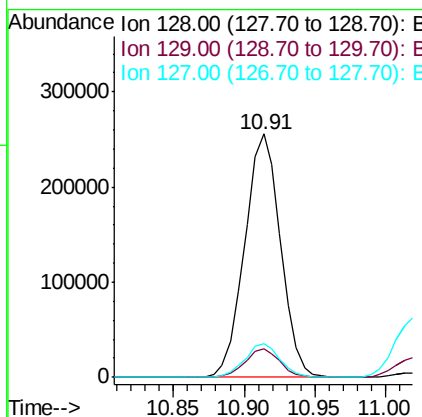
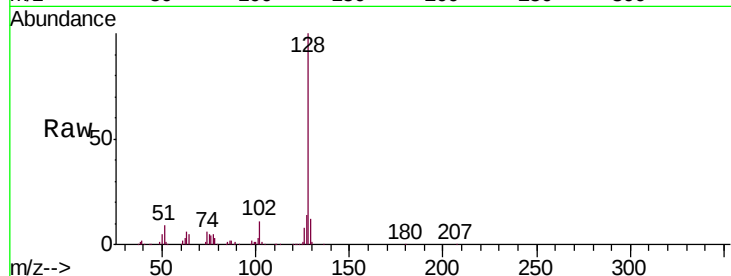
#31
Naphthalene
Concen: 46.666 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	455102		
129	11.7	8.8	13.2	
127	14.1	11.3	16.9	

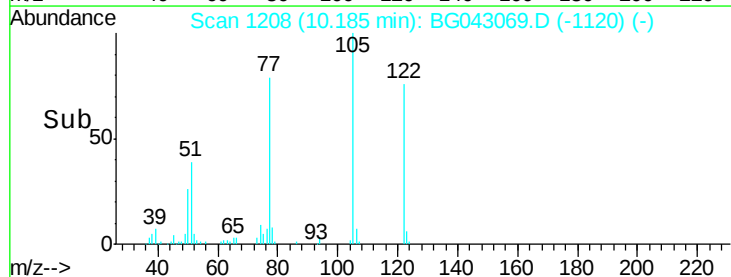
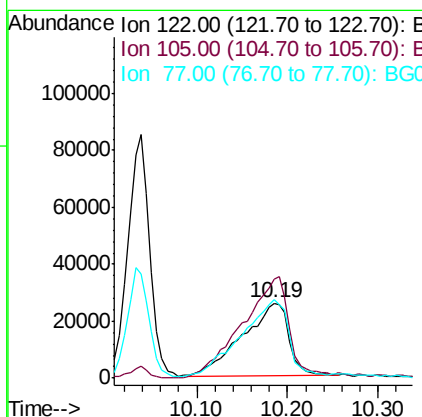
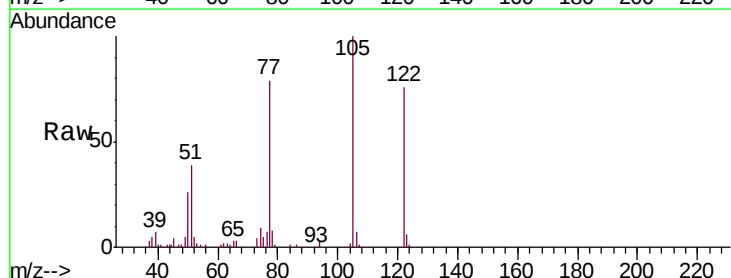
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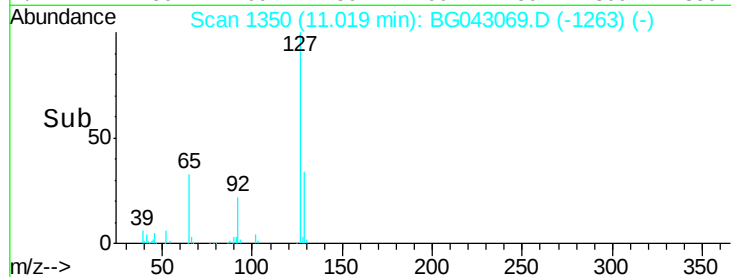
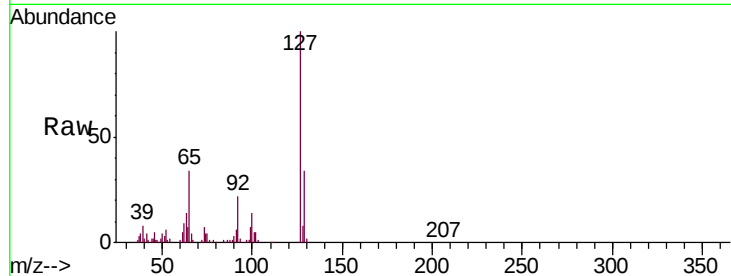
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#32
Benzoic acid
Concen: 46.902 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	92352		
105	131.1	107.5	147.5	
77	103.8	79.8	119.8	





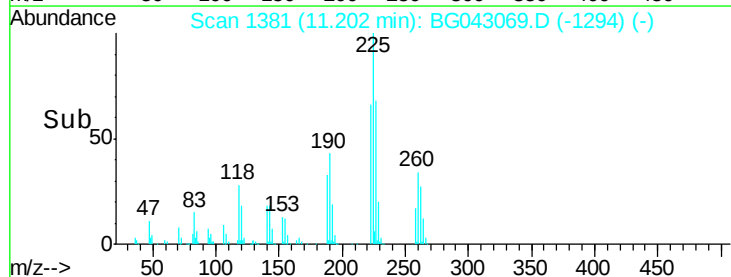
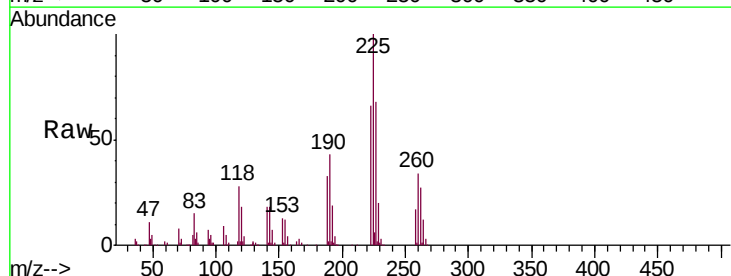
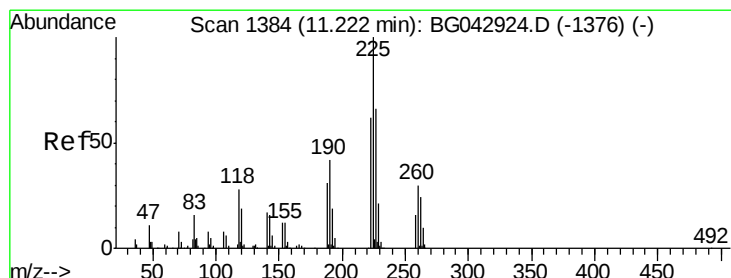
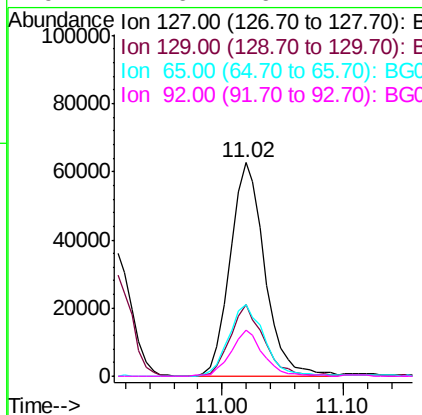
#33
4-Chloroaniline
Concen: 29.623 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.8	26.2	39.2
65	33.5	30.6	45.8
92	21.6	16.2	24.4

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

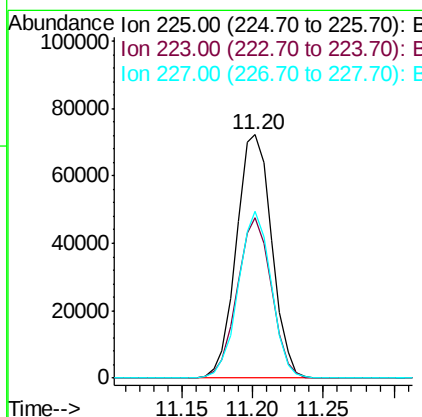
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#34
Hexachlorobutadiene
Concen: 41.268 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	66.0	49.3	73.9
227	68.4	52.8	79.2





#35

Caprolactam

Concen: 52.091 ng m

RT: 11.79 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

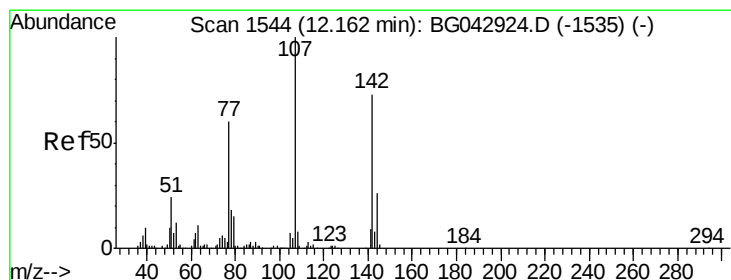
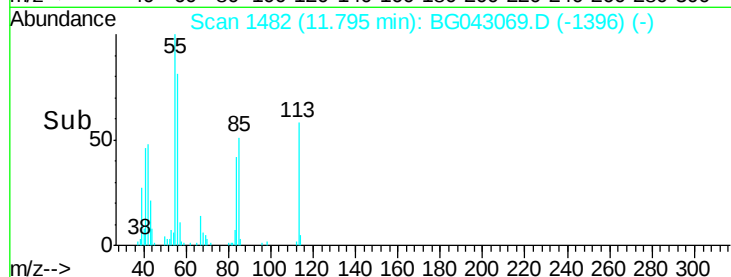
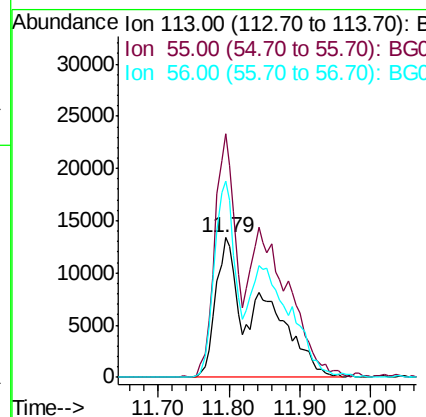
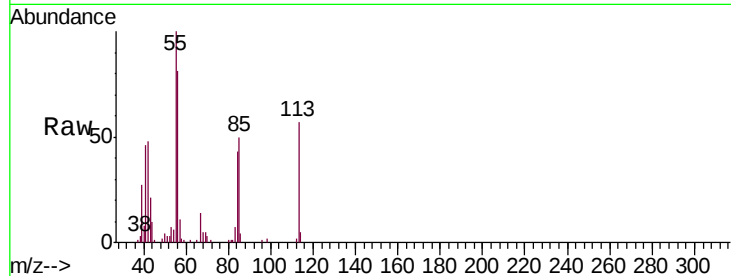
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Tgt Ion:	113	Resp:	58069
Ion Ratio	Lower	Upper	
113	100		
55	174.2	175.5	215.5#
56	140.3	142.3	182.3#

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#36

4-Chloro-3-methylphenol

Concen: 54.892 ng

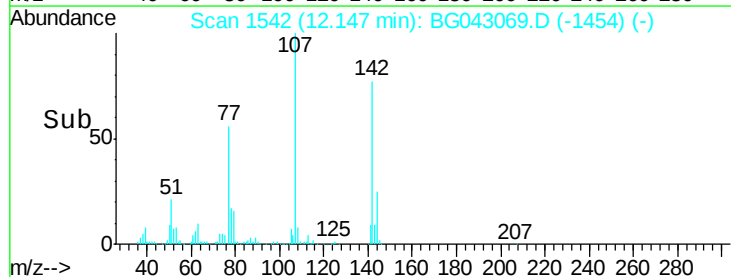
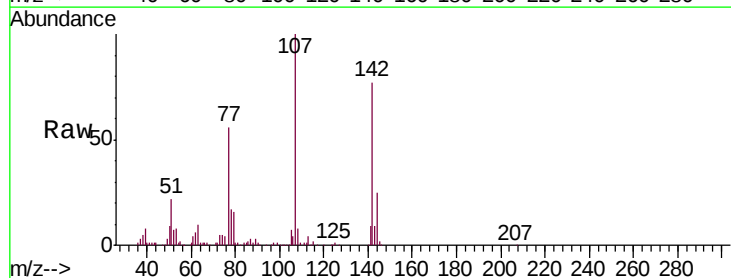
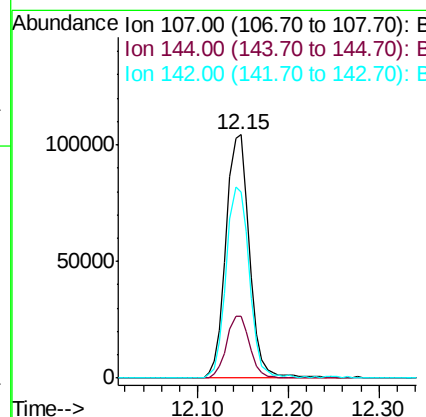
RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	107	Resp:	188664
Ion Ratio	Lower	Upper	
107	100		
144	25.2	20.7	31.1
142	76.6	58.6	87.8





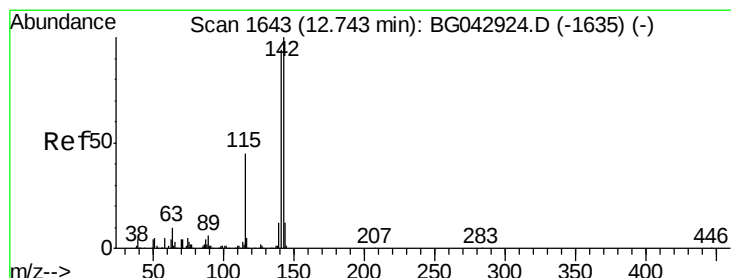
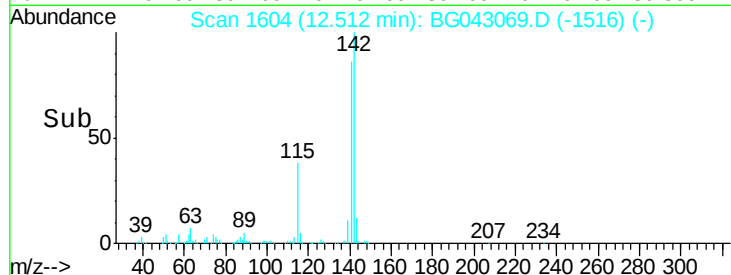
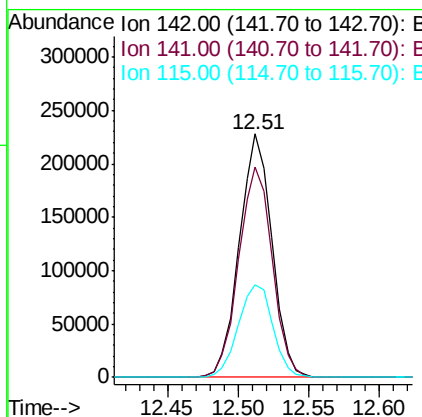
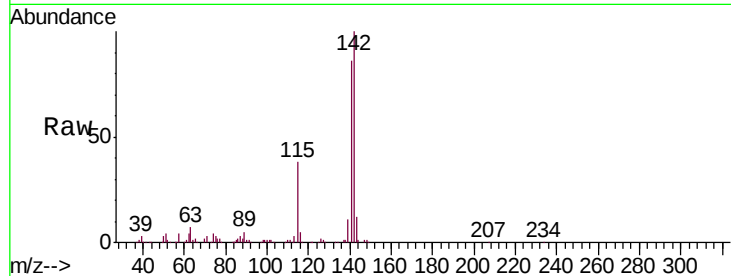
#37
2-Methylnaphthalene
Concen: 49.494 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	368225		
141	86.4	69.0	103.4	
115	38.2	32.8	49.2	

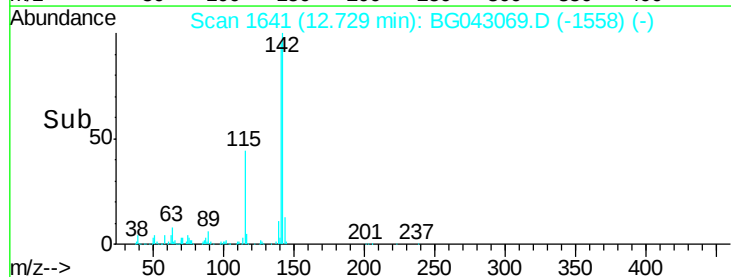
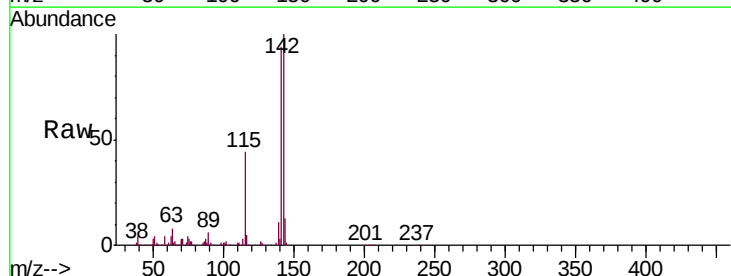
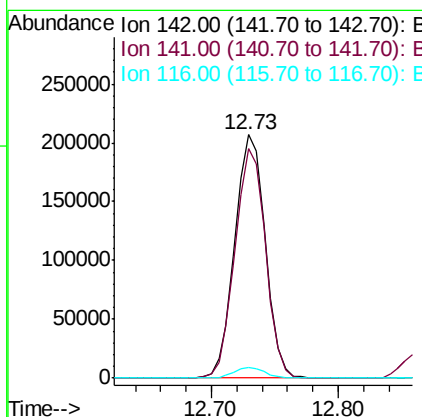
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#38
1-Methylnaphthalene
Concen: 48.838 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	343812		
141	94.3	74.9	112.3	
116	4.6	3.7	5.5	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

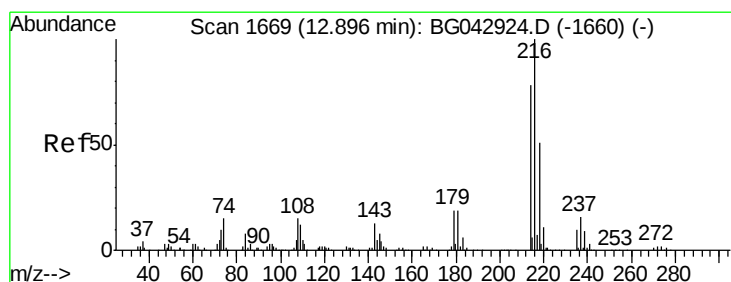
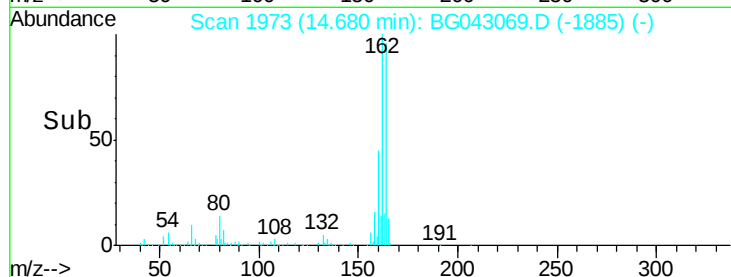
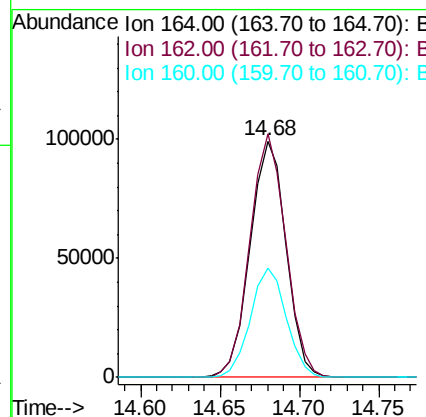
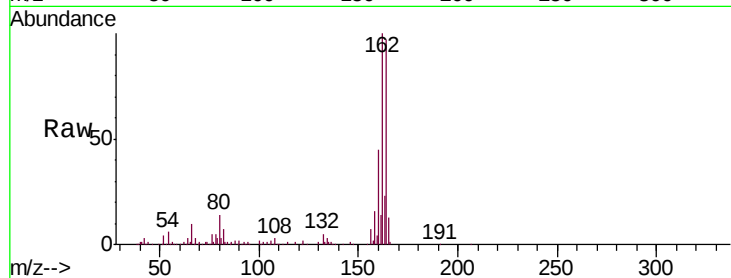
20190773-SS-COMPOSITE-13MS

Tgt Ion:	164	Resp:	156289
Ion Ratio	Lower	Upper	
164	100		
162	103.2	78.5	117.7
160	46.4	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.318 ng

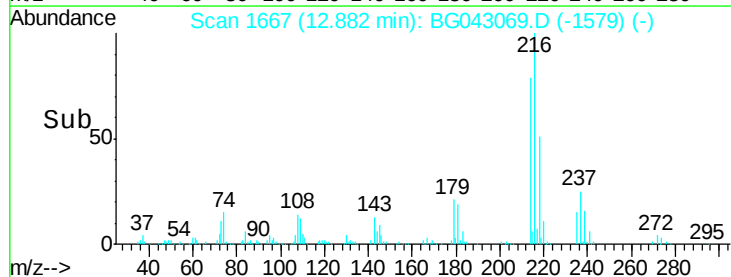
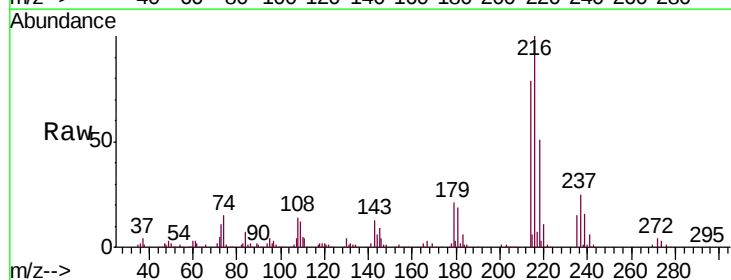
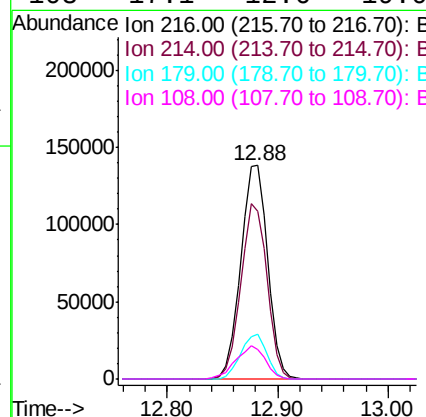
RT: 12.88 min Scan# 1667

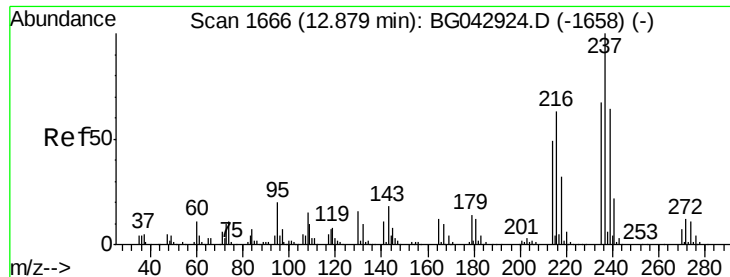
Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	216	Resp:	236921
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.4	93.6
179	20.4	15.4	23.2
108	17.1	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 86.505 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

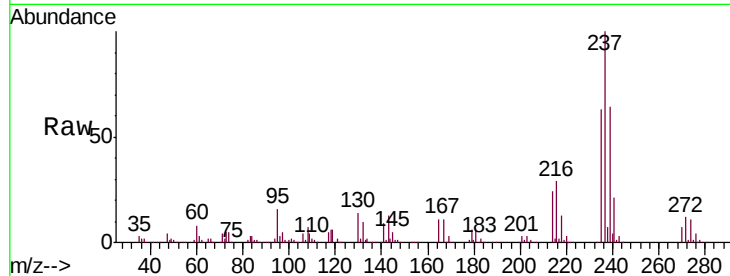
20190773-SS-COMPOSITE-13MS

Tgt Ion:	237	Resp:	323887
Ion Ratio		Lower	Upper
237	100		
235	63.3	46.7	86.7
272	12.2	0.0	32.3

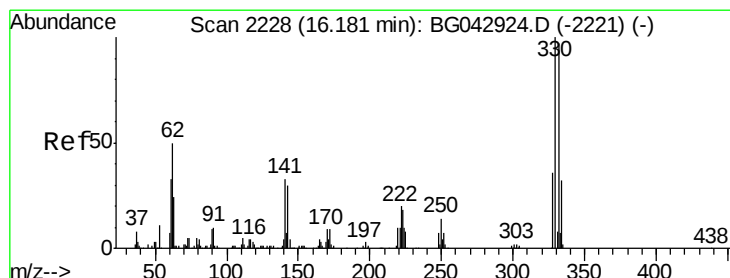
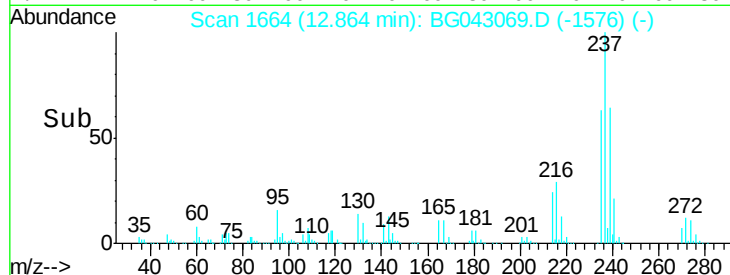
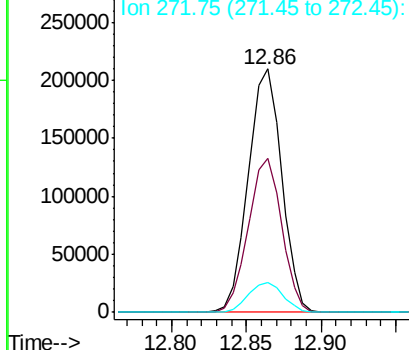
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.500 ng

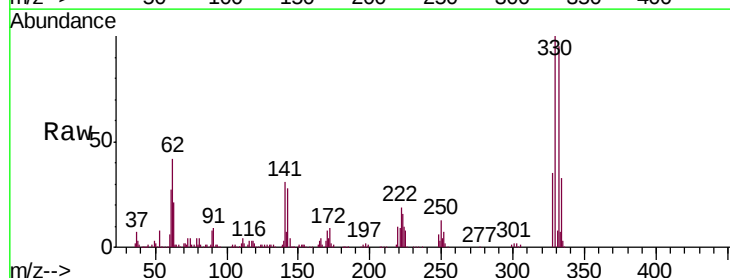
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

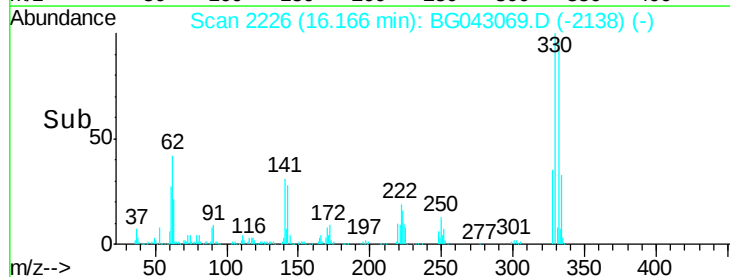
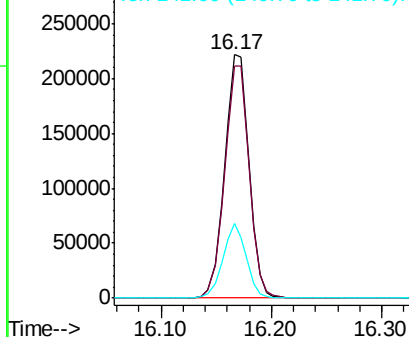
Lab File: BG043069.D

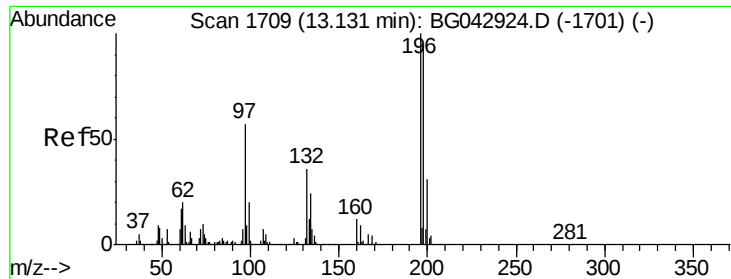
Acq: 7 Oct 2019 15:58

Tgt Ion:	330	Resp:	342654
Ion Ratio		Lower	Upper
330	100		
332	96.5	78.2	117.2
141	28.9	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





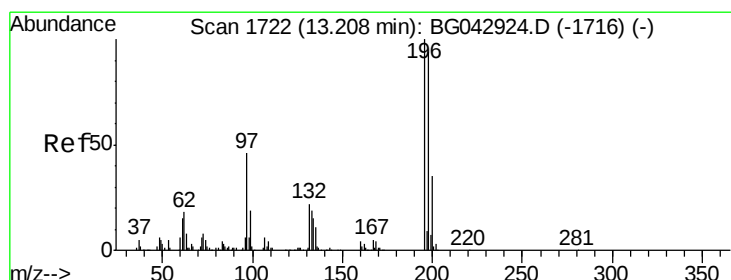
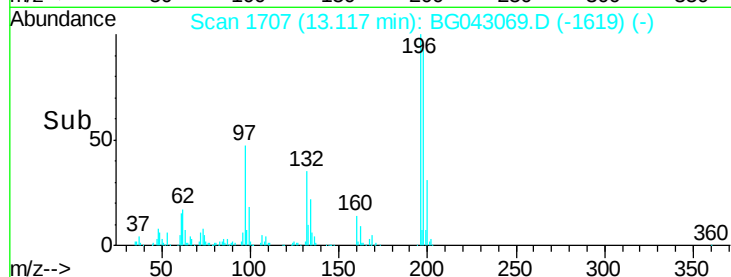
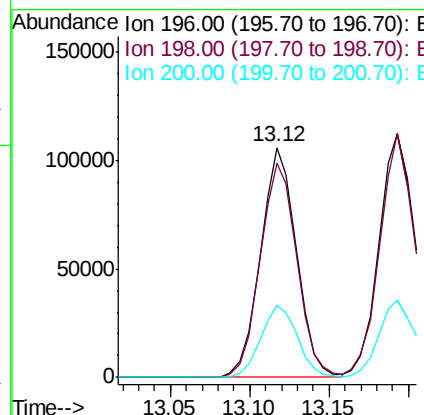
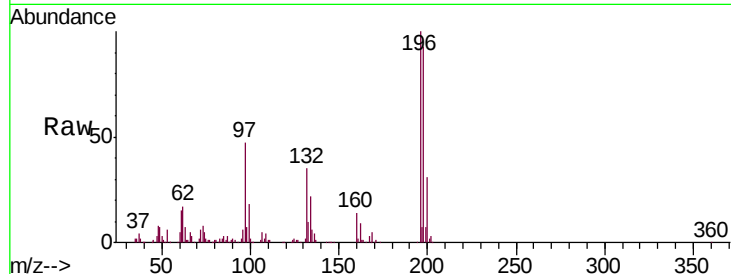
#43
 2,4,6-Trichlorophenol
 Concen: 48.468 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166704		
198	93.0	75.5	113.3	
200	31.2	24.9	37.3	

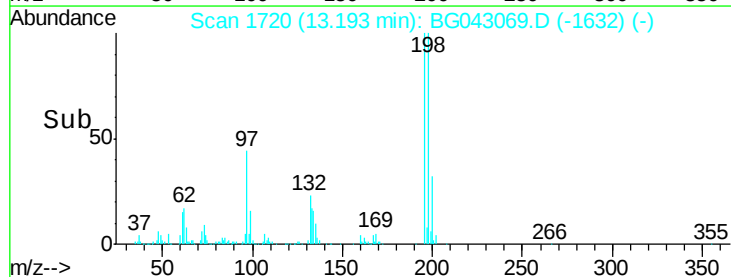
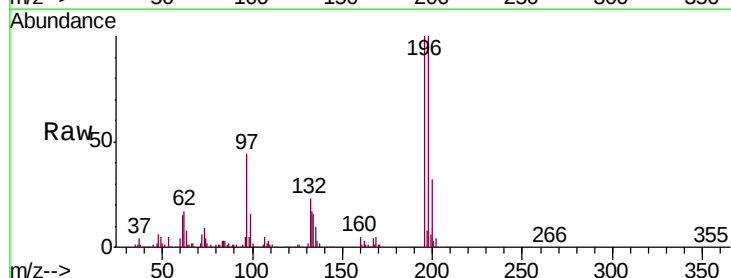
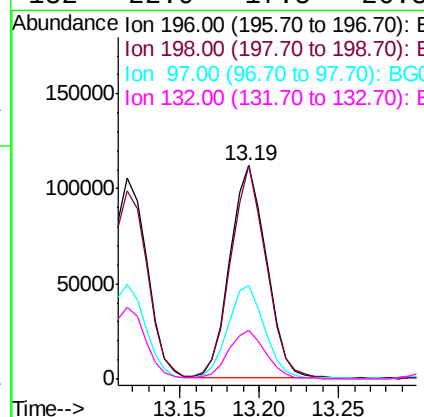
Manual Integrations
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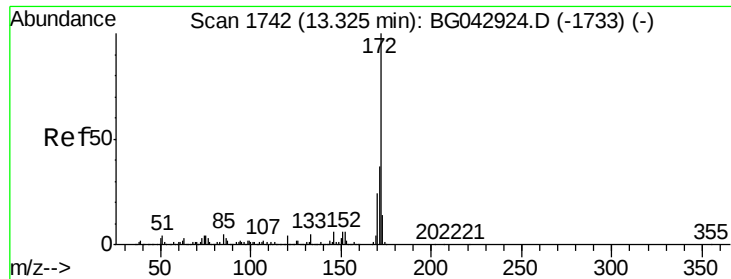
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#44
 2,4,5-Trichlorophenol
 Concen: 50.295 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178203		
198	100.2	75.1	112.7	
97	43.7	37.0	55.4	
132	22.9	17.5	26.3	





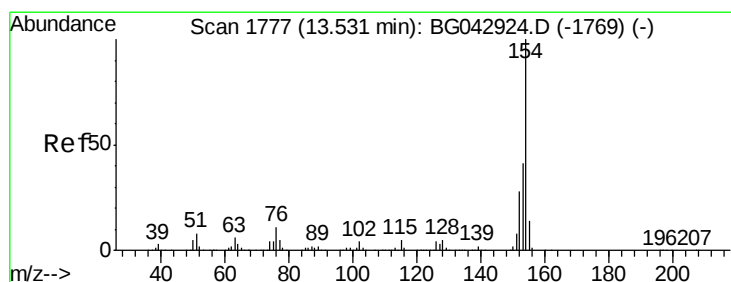
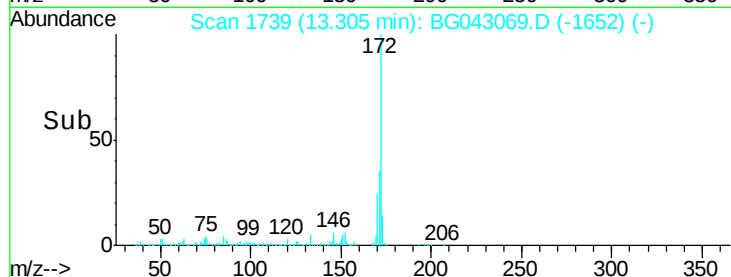
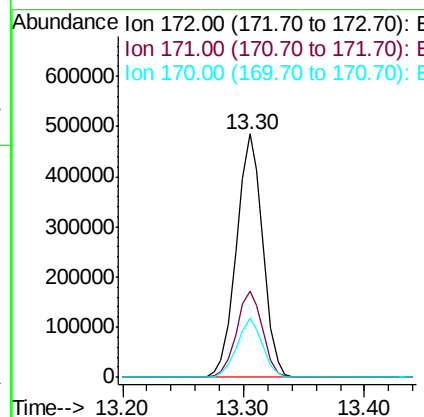
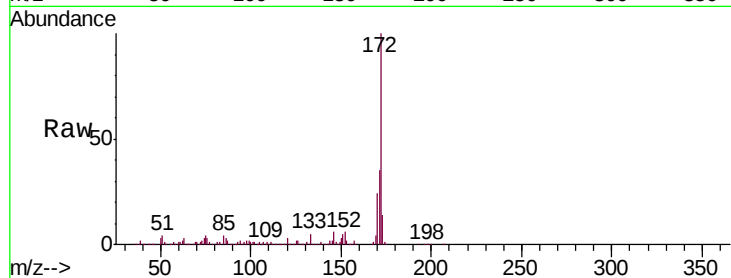
#45
2-Fluorobiphenyl
Concen: 67.902 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.2	19.6	29.4

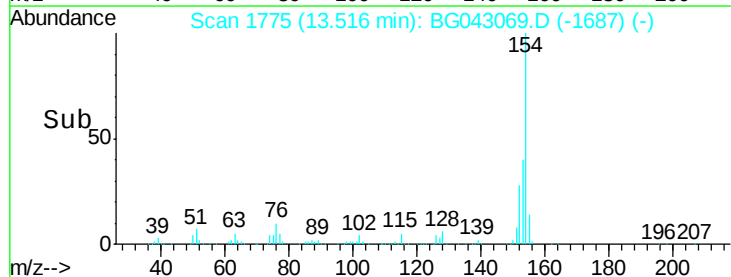
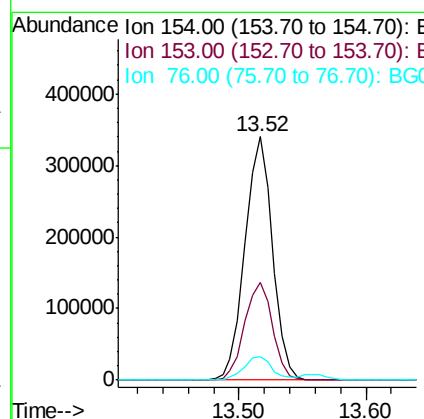
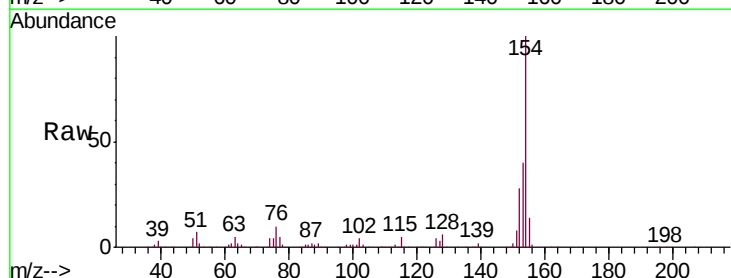
Manual Integrations
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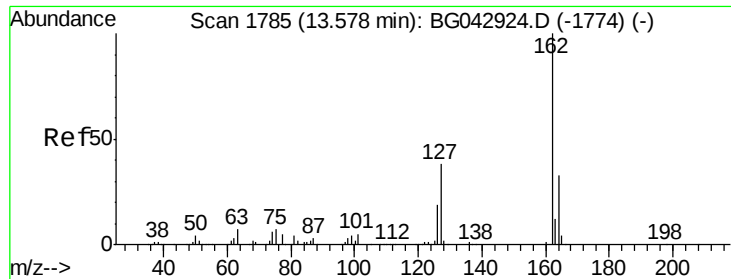
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#46
1,1'-Biphenyl
Concen: 43.157 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.4	61.4
76	9.7	0.0	31.3





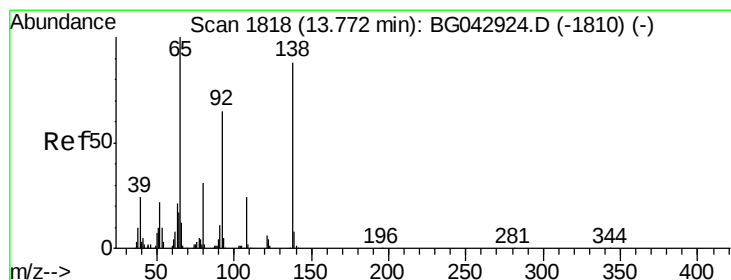
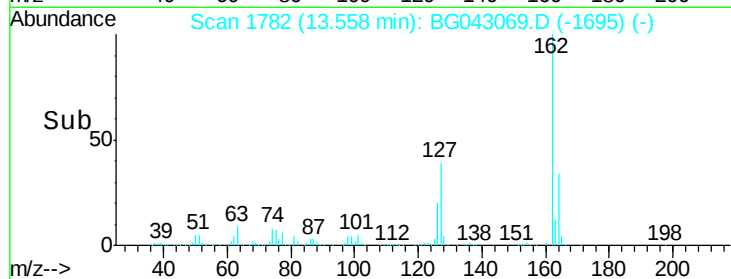
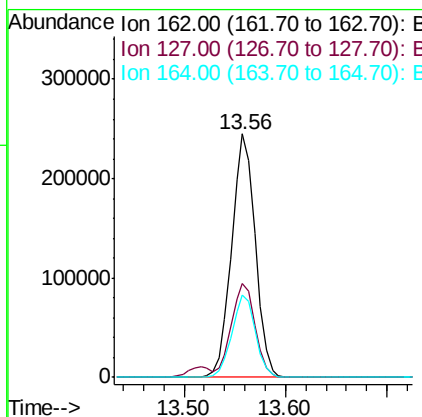
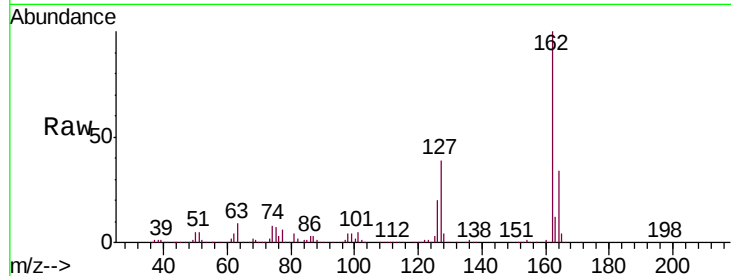
#47
 2-Chloronaphthalene
 Concen: 44.506 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion:	162	Resp:	395481
Ion Ratio	Lower	Upper	
162	100		
127	38.7	31.0	46.6
164	33.6	26.2	39.2

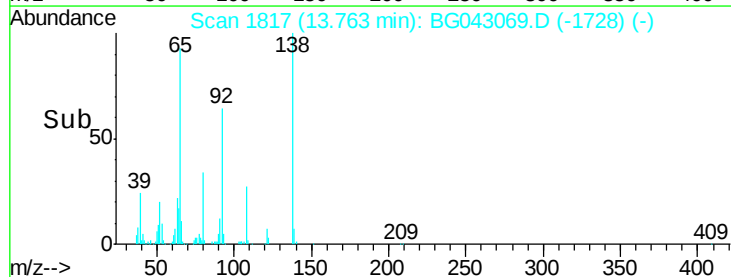
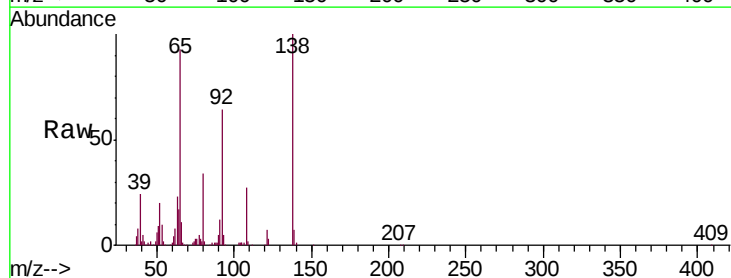
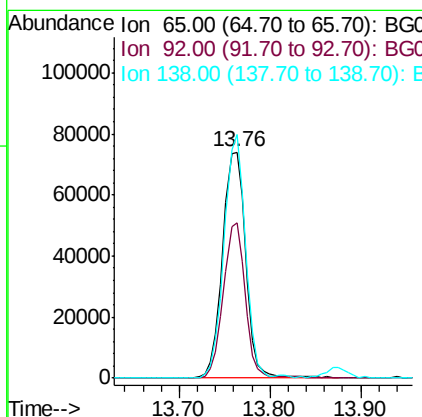
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#48
 2-Nitroaniline
 Concen: 44.507 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion:	65	Resp:	131520
Ion Ratio	Lower	Upper	
65	100		
92	68.9	52.0	78.0
138	107.8	70.4	105.6#





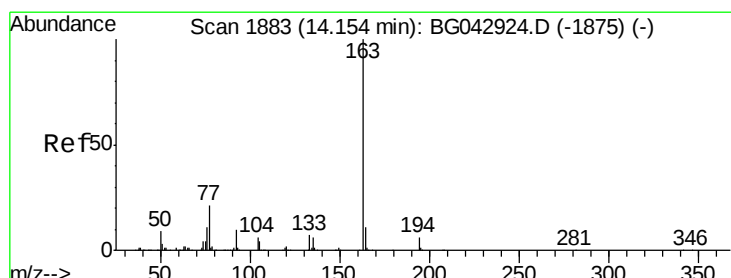
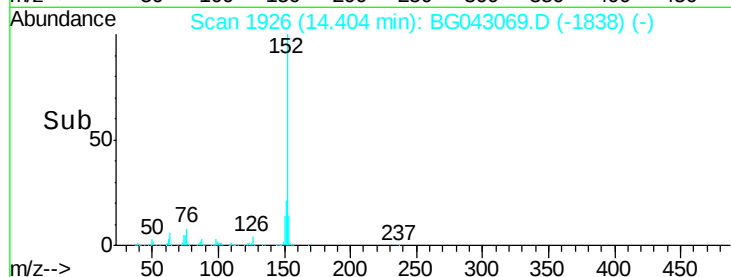
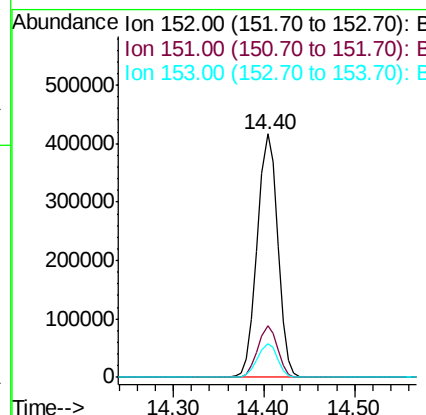
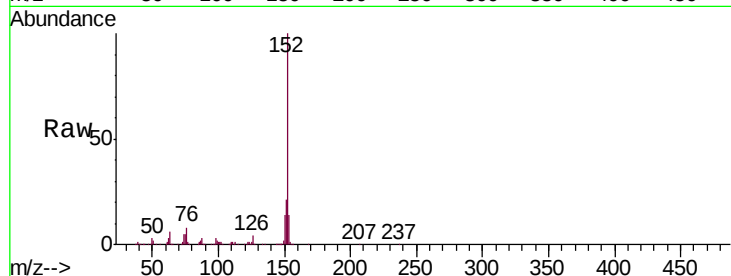
#49
Acenaphthylene
Concen: 48.230 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	655786		
151	21.1	16.8	25.2	
153	13.8	11.3	16.9	

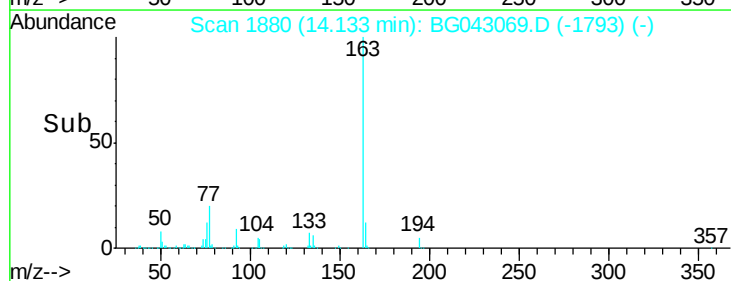
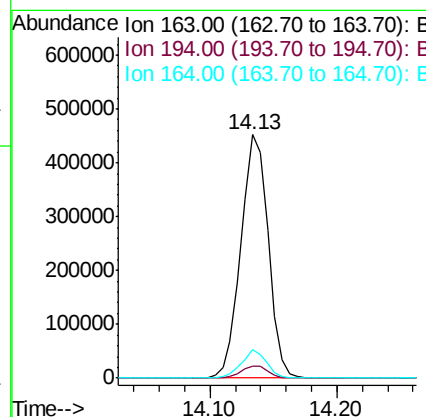
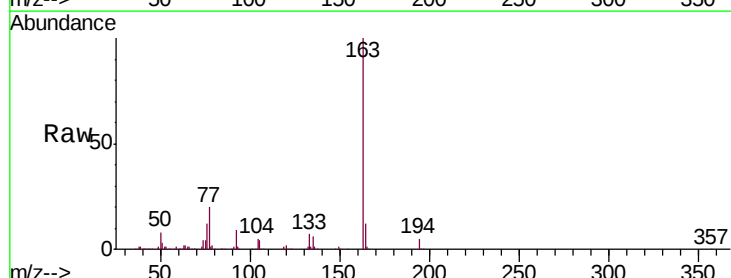
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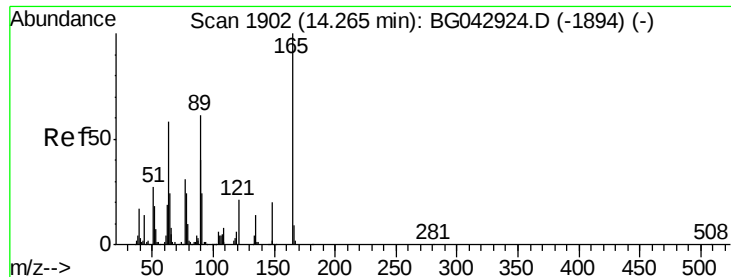
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#50
Dimethylphthalate
Concen: 57.548 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	673894		
194	4.7	4.4	6.6	
164	11.5	8.6	12.8	





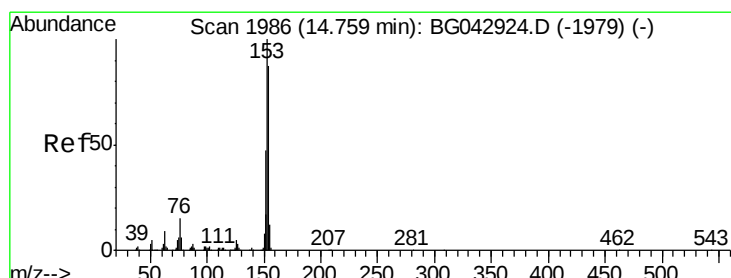
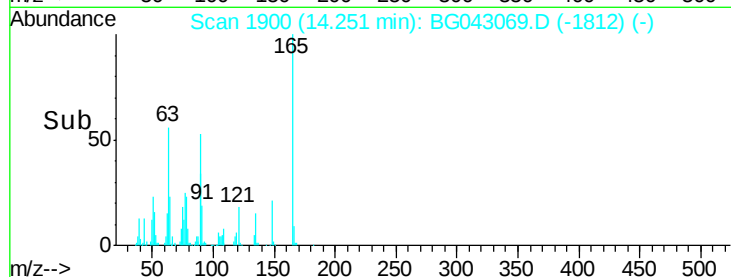
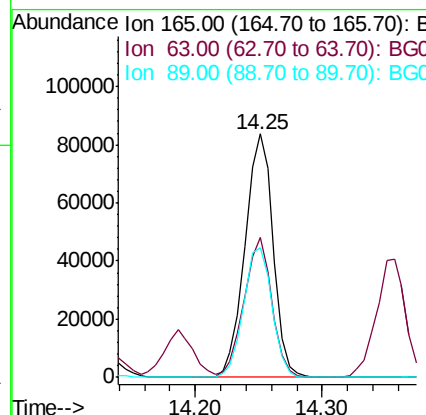
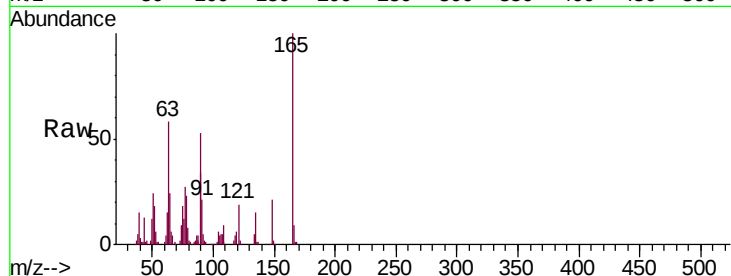
#51
 2,6-Dinitrotoluene
 Concen: 51.494 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	128414		
63	57.6	50.3	75.5	
89	53.1	48.9	73.3	

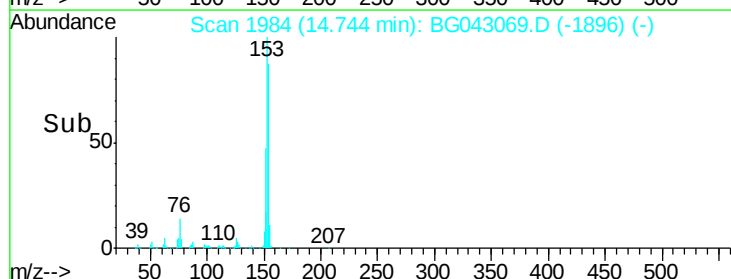
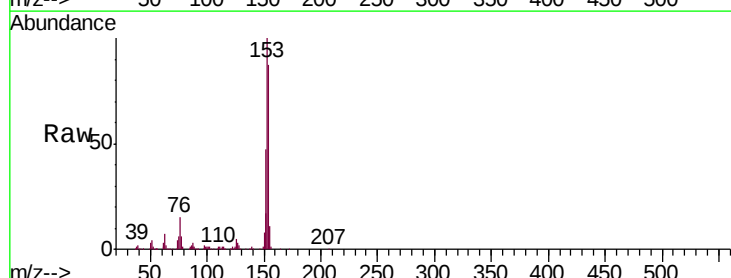
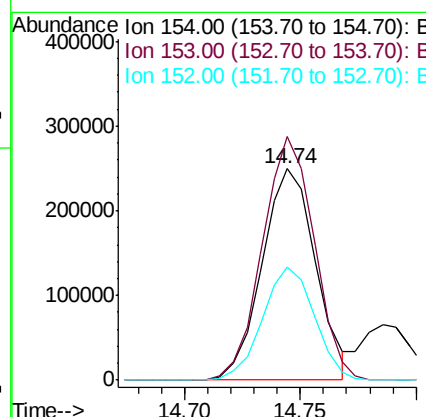
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#52
 Acenaphthene
 Concen: 43.971 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	400190		
153	115.1	91.4	137.0	
152	53.7	42.8	64.2	





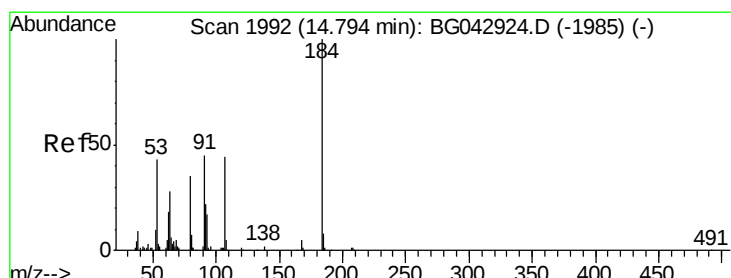
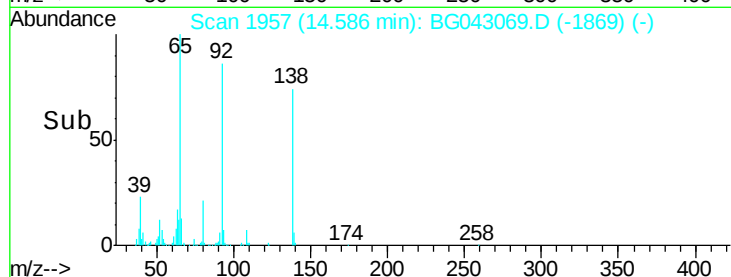
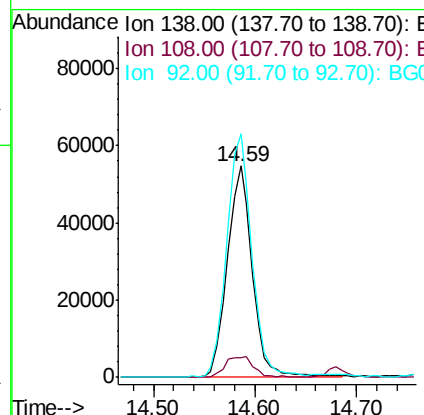
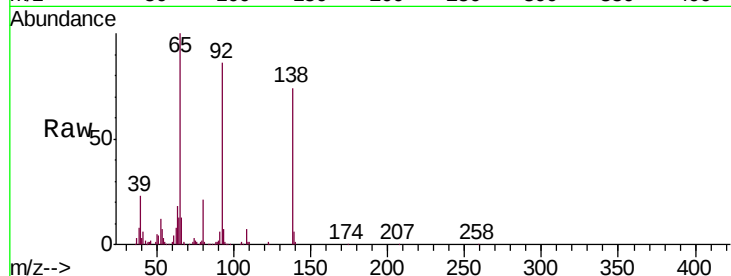
#53
3-Nitroaniline
Concen: 36.266 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	115.2	97.0	145.6

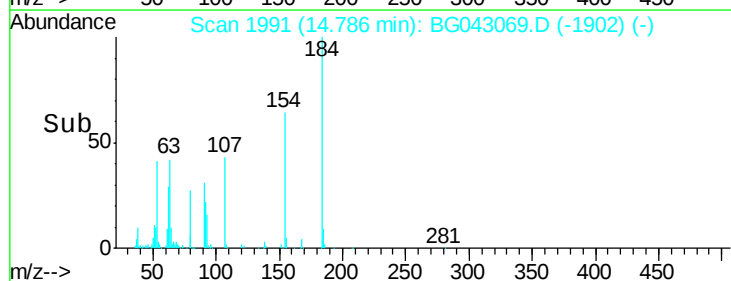
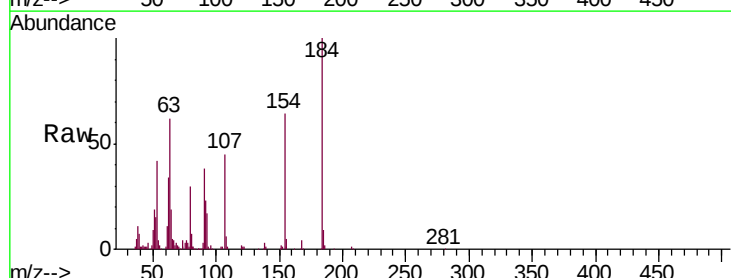
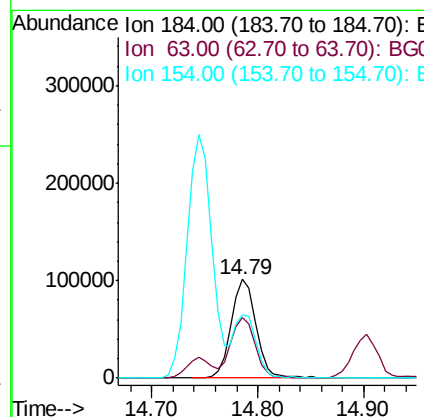
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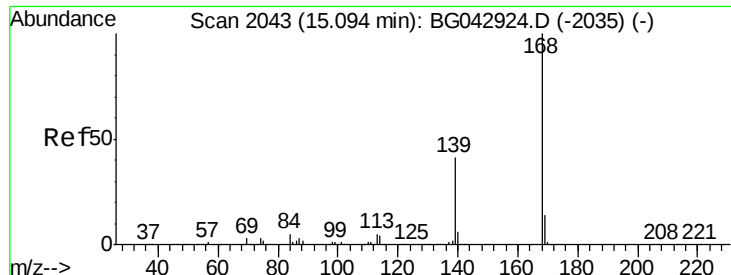
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#54
2,4-Dinitrophenol
Concen: 106.078 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	55.0	82.6
154	64.4	56.5	84.7





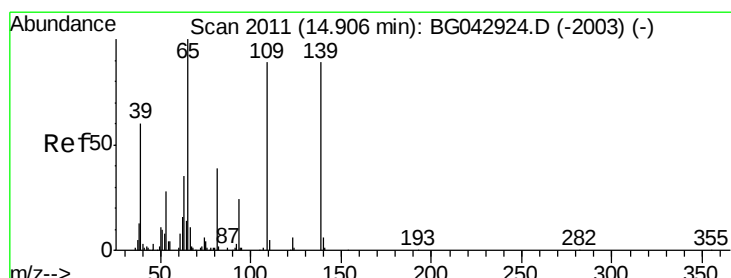
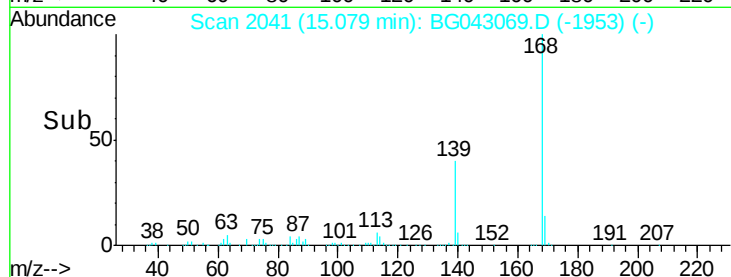
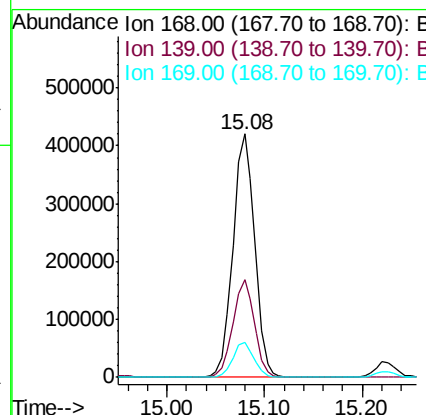
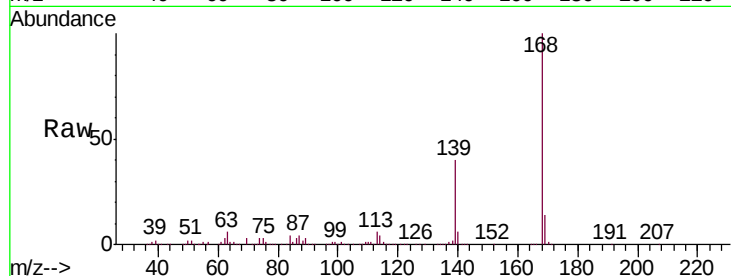
#55
Dibenzofuran
Concen: 48.127 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	40.4	32.6	48.8
169	14.4	11.2	16.8

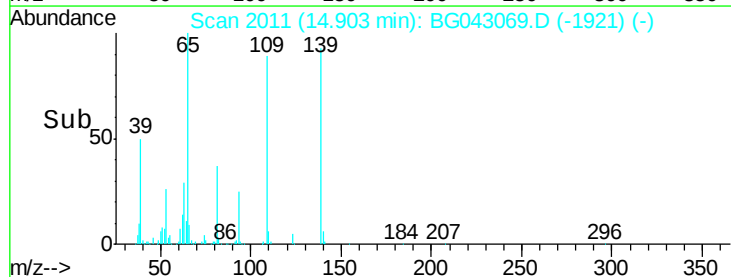
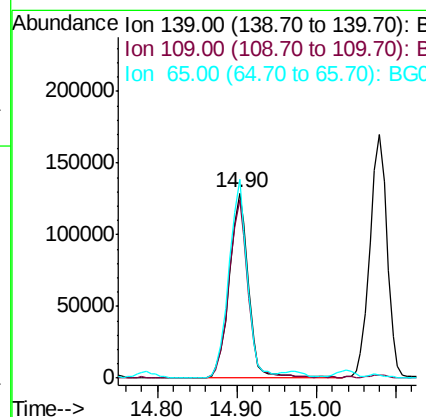
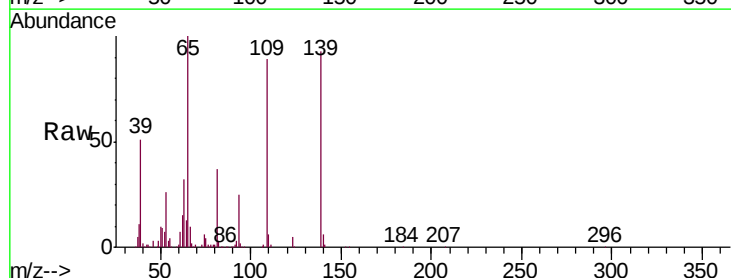
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#56
4-Nitrophenol
Concen: 110.091 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	96.2	79.4	119.4
65	107.9	92.5	132.5





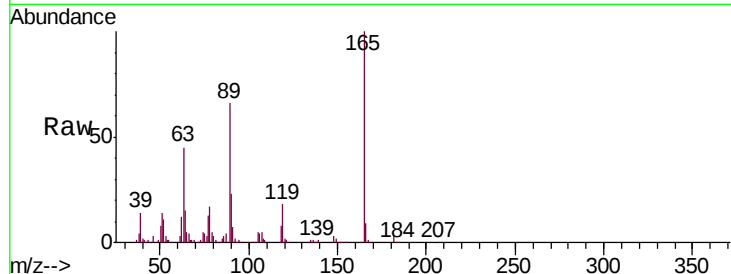
#57
 2,4-Dinitrotoluene
 Concen: 50.416 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

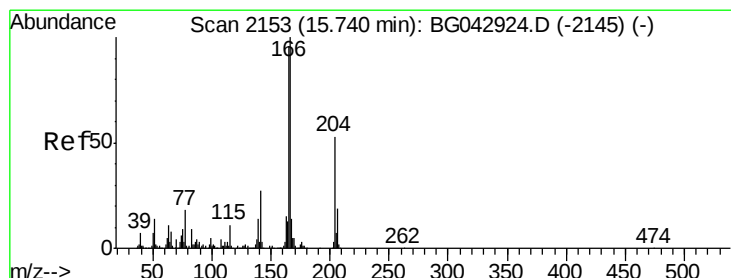
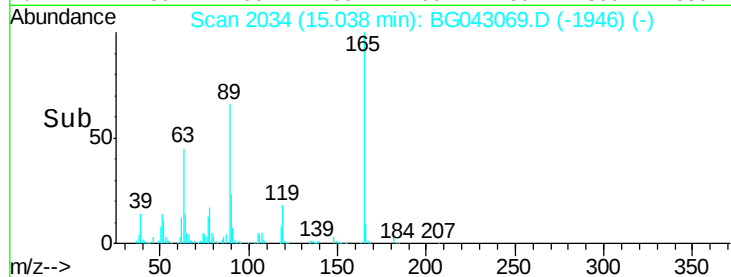
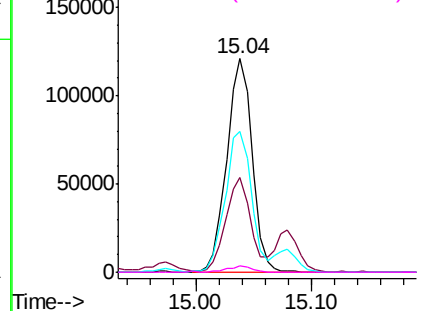
Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		184112		
63	44.6	36.5	54.7		
89	66.1	55.5	83.3		
182	2.7	2.4	3.6		

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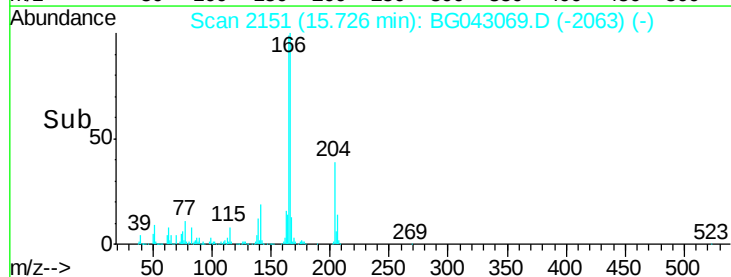
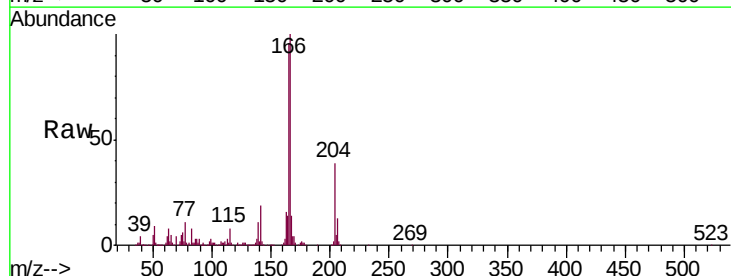
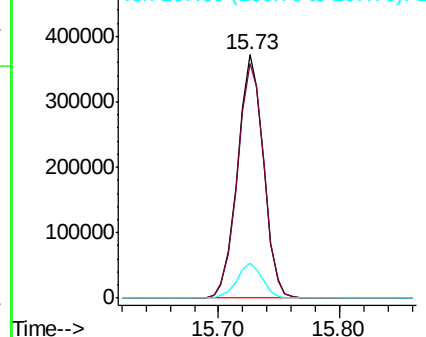
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

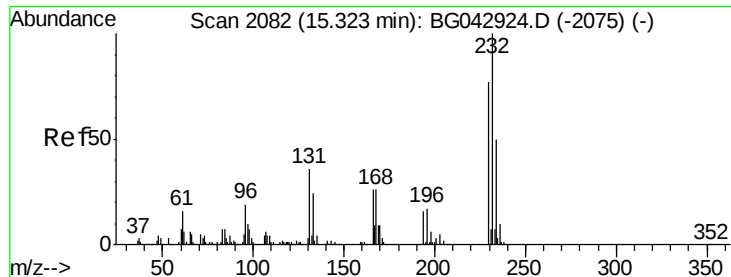


#58
 Fluorene
 Concen: 48.274 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		554876		
165	96.2	77.1	115.7		
167	14.1	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





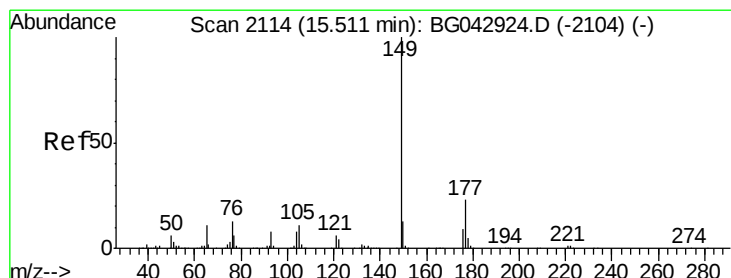
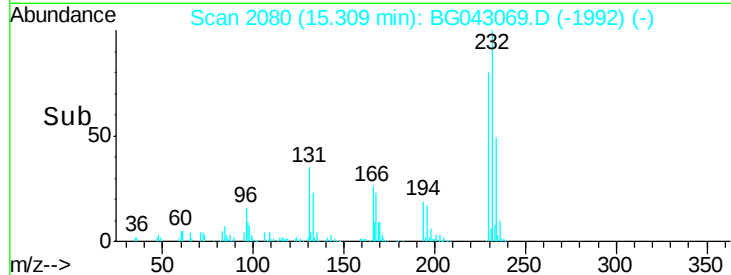
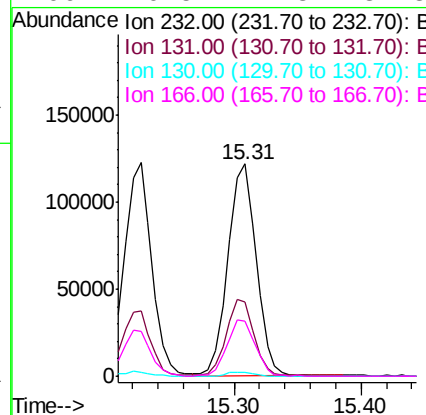
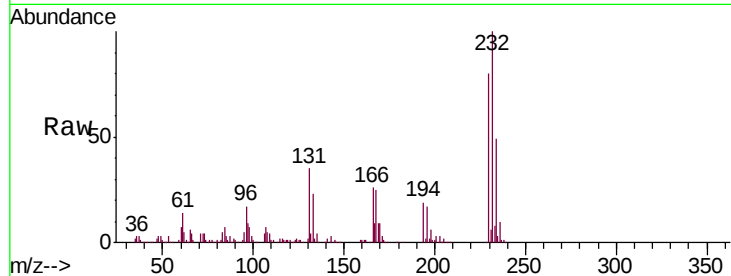
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.774 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt	Ion	Ratio	Resp	Lower	Upper
232	100		187774		
131	35.7	29.6	44.4		
130	2.1	1.9	2.9		
166	26.5	21.8	32.8		

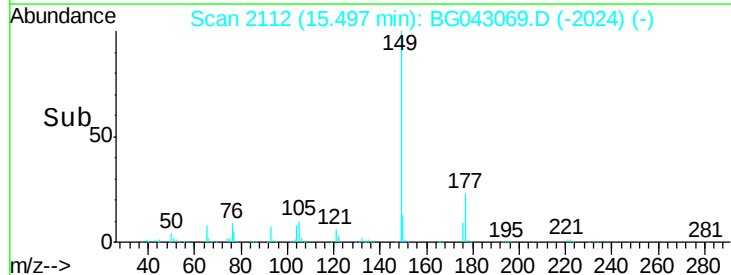
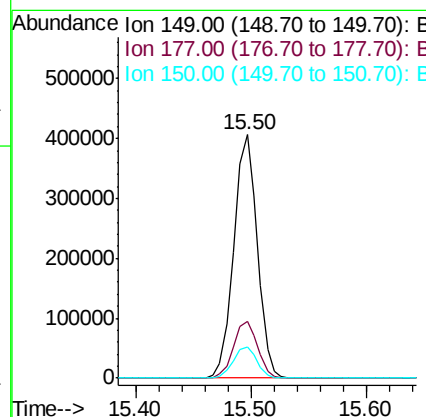
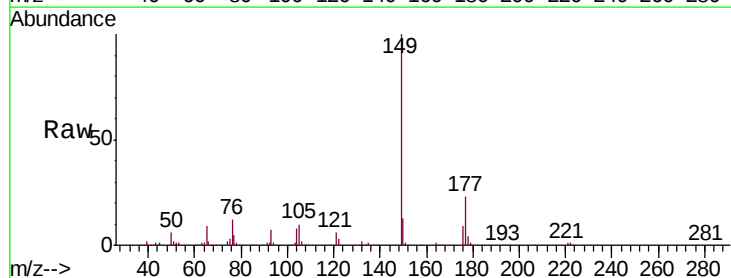
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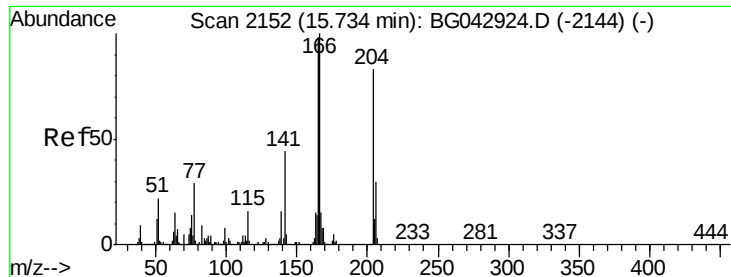
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 10/8/2019 12:22:42 PM



#60
 Diethylphthalate
 Concen: 47.875 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		570544		
177	23.3	18.8	28.2		
150	12.6	10.6	15.8		





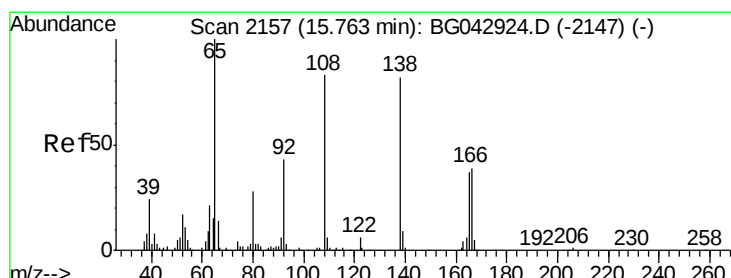
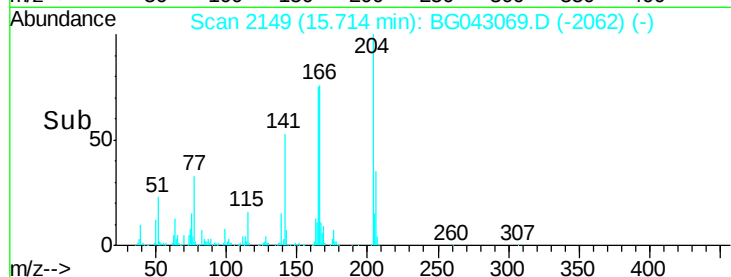
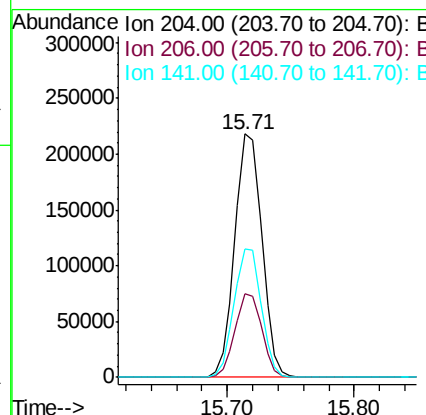
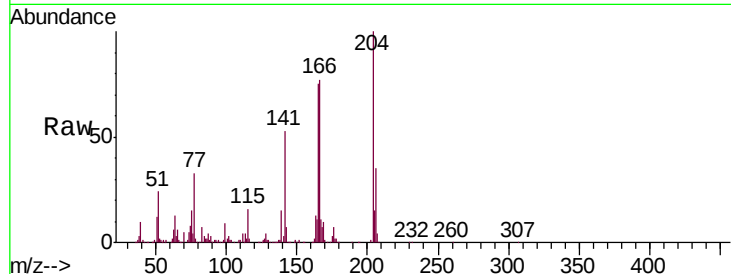
#61
4-Chlorophenyl-phenylether
Concen: 46.726 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.5	28.5	42.7
141	52.7	42.4	63.6

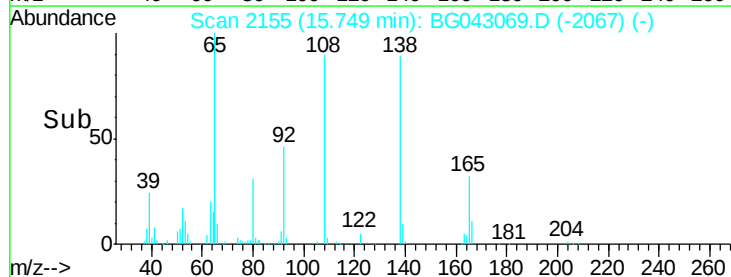
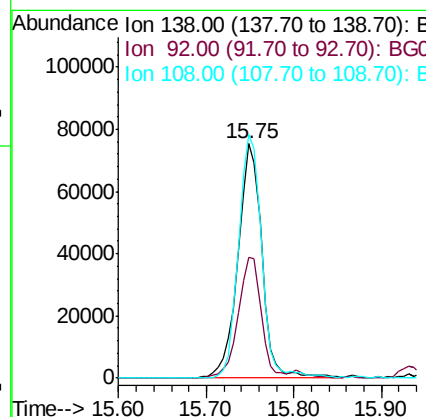
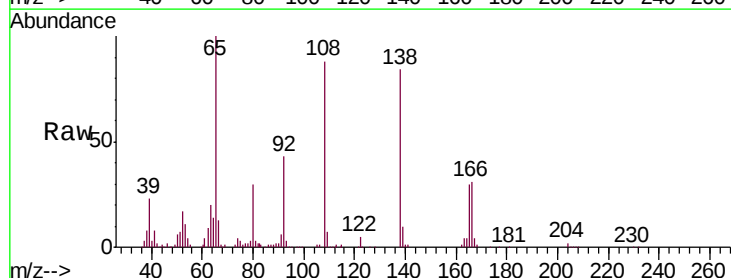
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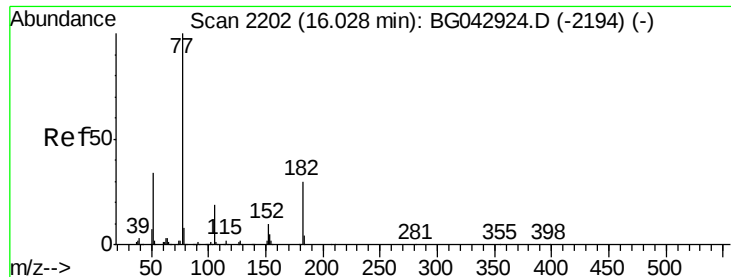
mohammad
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#62
4-Nitroaniline
Concen: 49.608 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	51.4	32.9	72.9
108	104.0	81.3	121.3





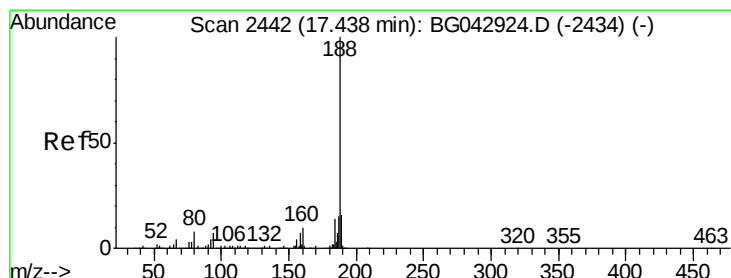
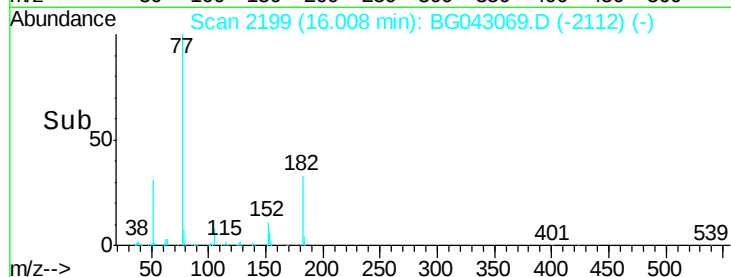
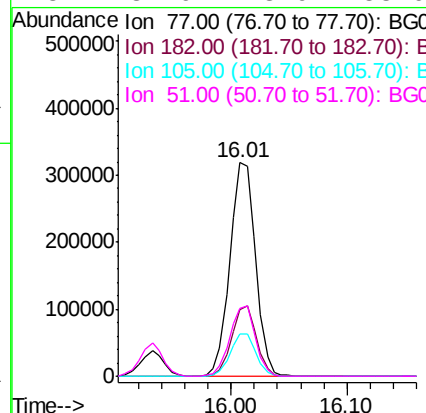
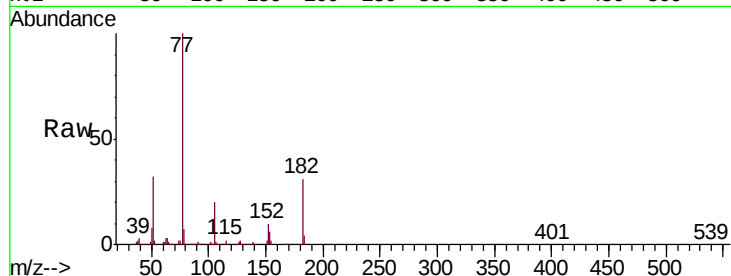
#63
Azobenzene
Concen: 44.974 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.9	10.2	50.2
105	19.7	0.0	39.1
51	31.9	13.9	53.9

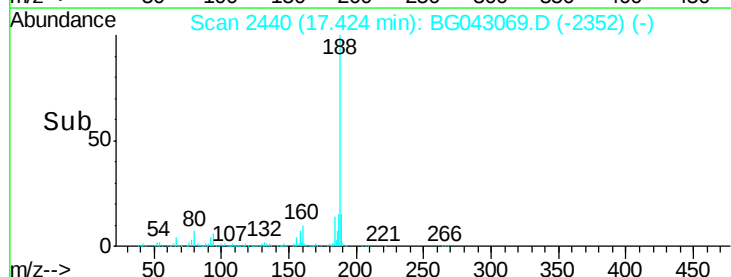
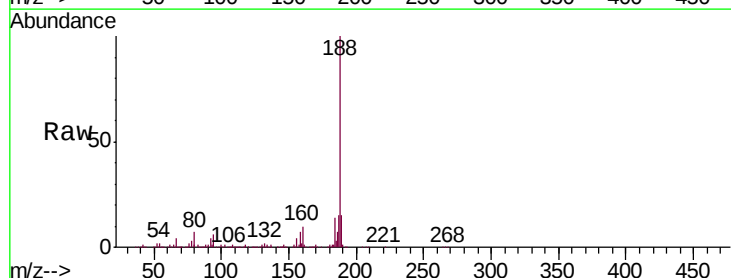
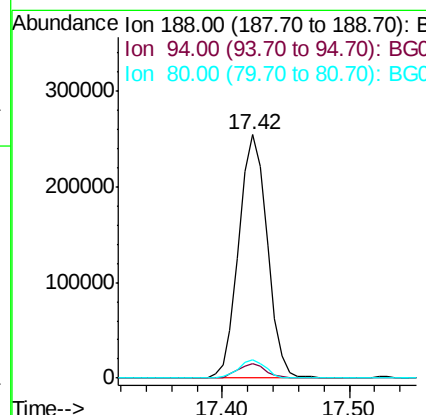
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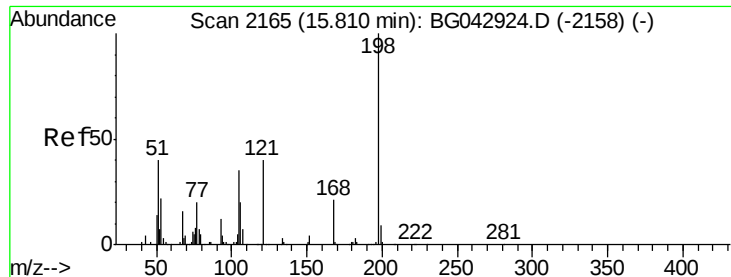
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	7.4	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 52.975 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

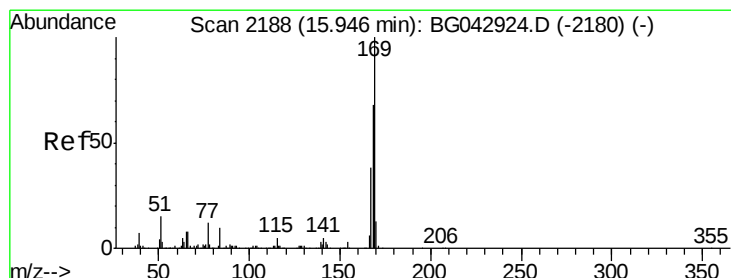
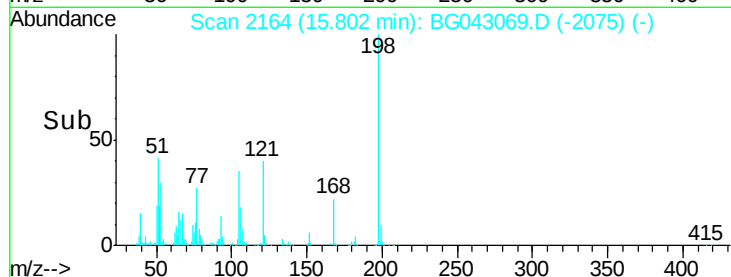
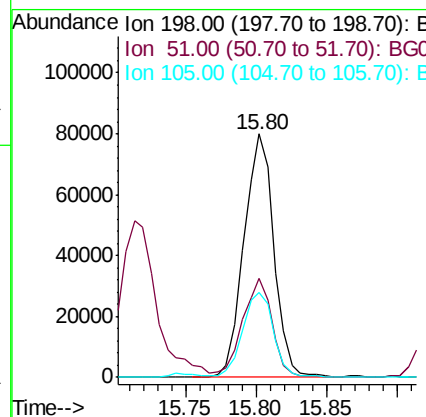
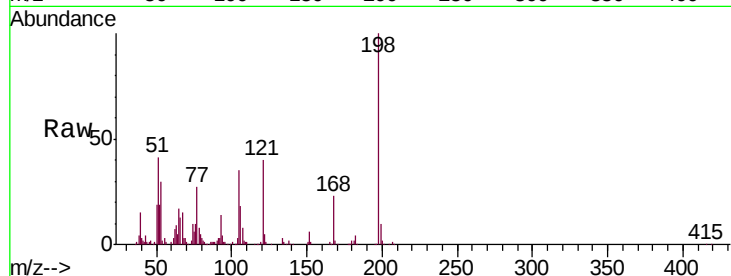
20190773-SS-COMPOSITE-13MS

Tgt Ion:	198	Resp:	118422
Ion Ratio	Lower	Upper	
198	100		
51	40.7	25.3	65.3
105	34.8	16.6	56.6

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#66

n-Nitrosodiphenylamine

Concen: 48.444 ng

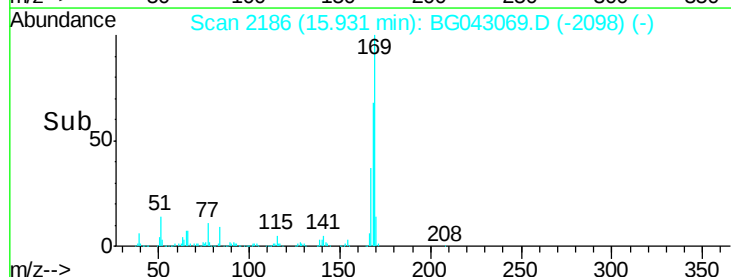
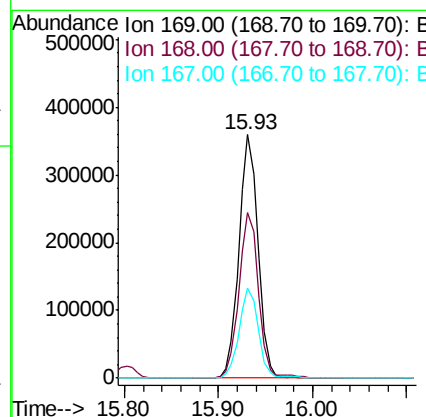
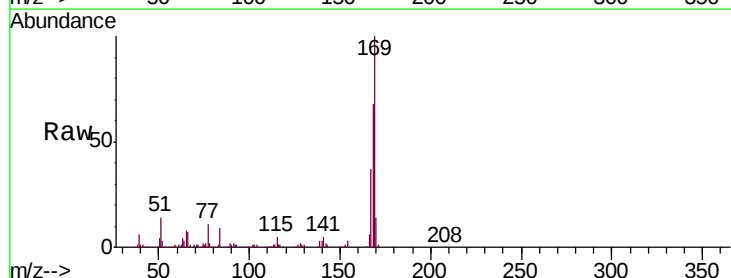
RT: 15.93 min Scan# 2186

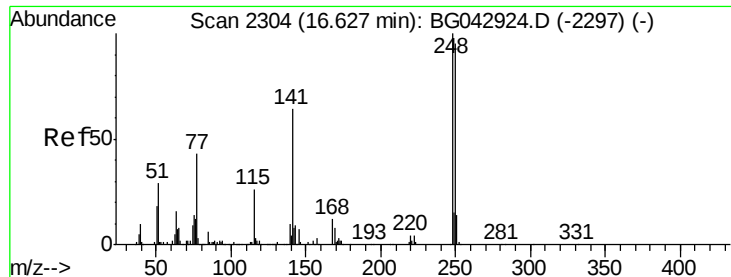
Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	169	Resp:	505210
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.8	82.2
167	36.9	30.6	46.0





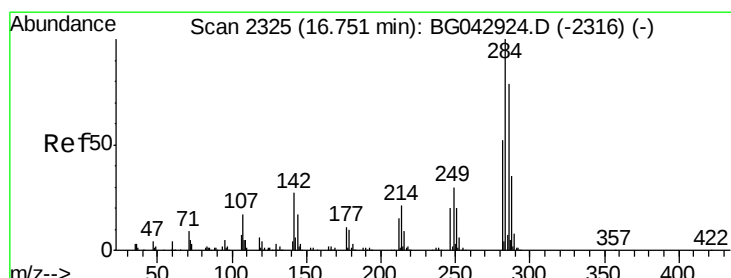
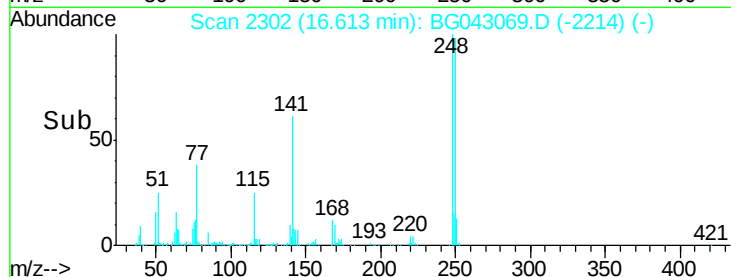
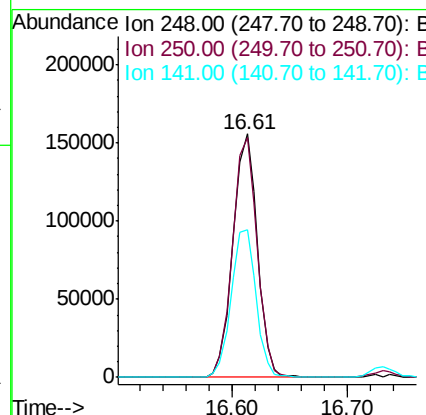
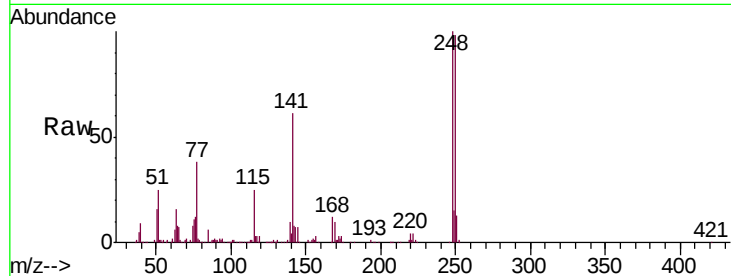
#67
 4-Bromophenyl-phenylether
 Concen: 46.099 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228569		
250	98.4		75.8	113.8
141	60.8		51.1	76.7

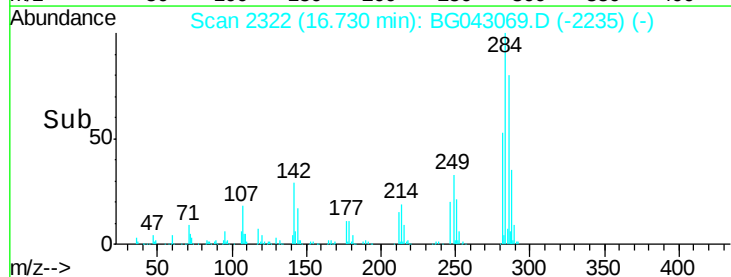
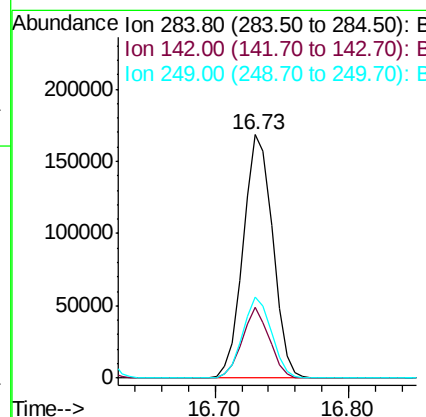
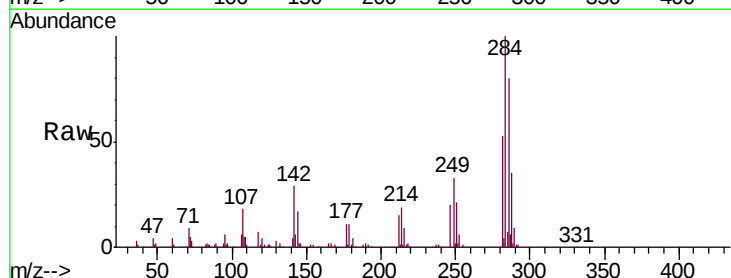
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#68
 Hexachlorobenzene
 Concen: 46.525 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.02 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	256847		
142	28.9		21.6	32.4
249	33.4		24.1	36.1





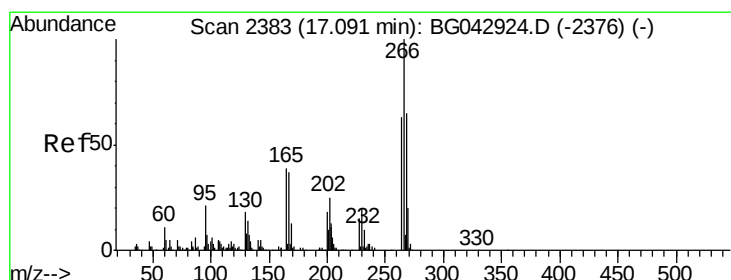
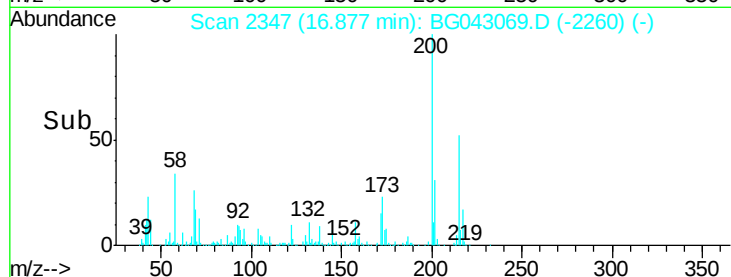
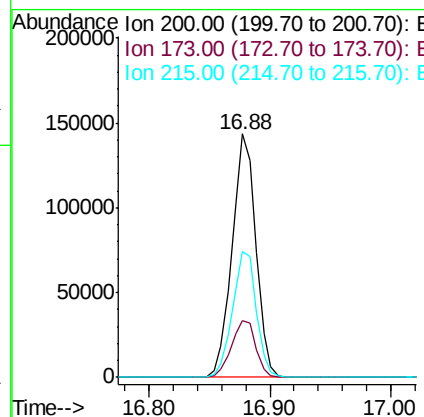
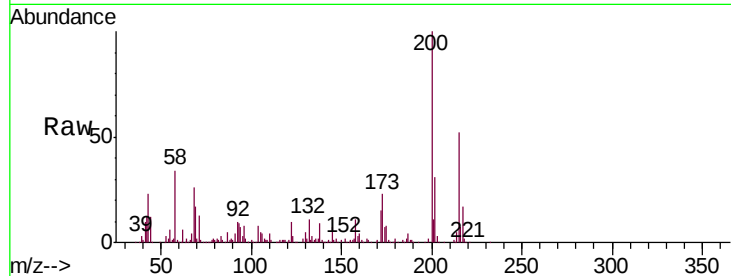
#69
Atrazine
Concen: 44.734 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	4.0	44.0
215	51.8	27.4	67.4

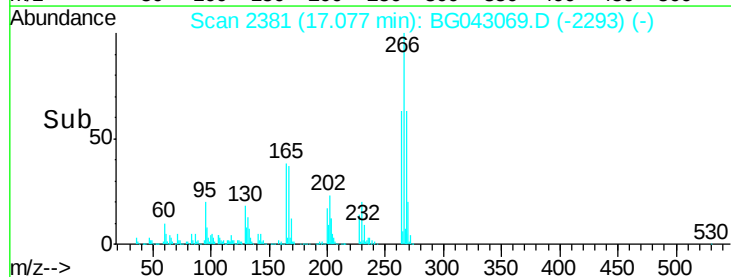
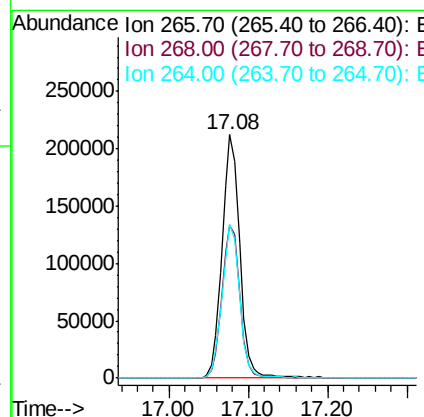
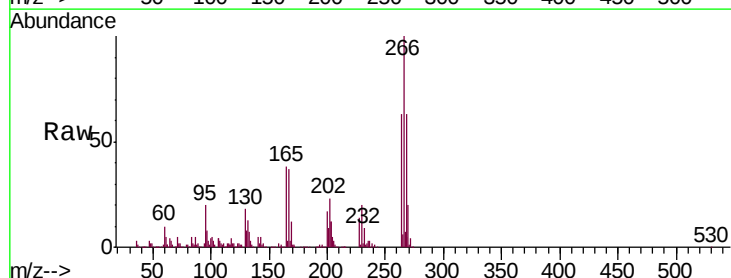
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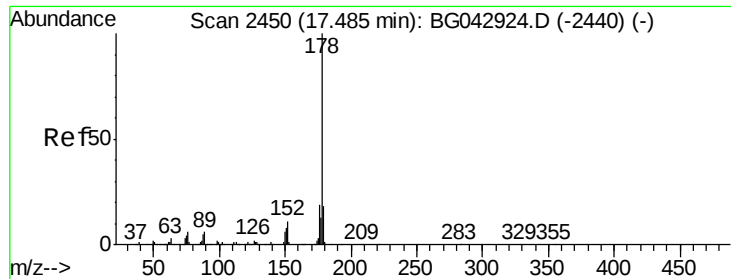
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#70
Pentachlorophenol
Concen: 103.603 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	52.2	78.2
264	63.3	50.7	76.1





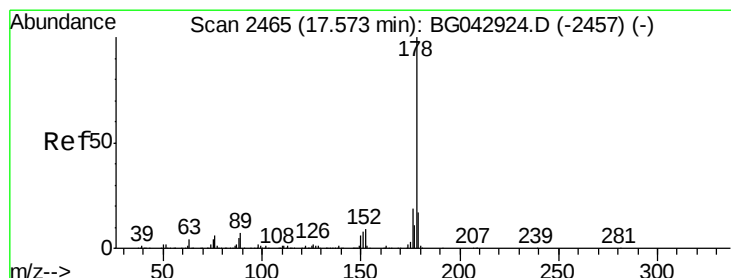
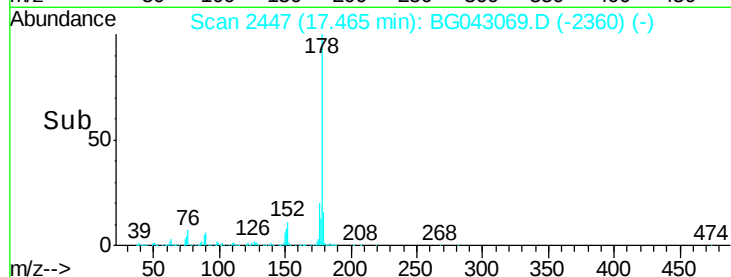
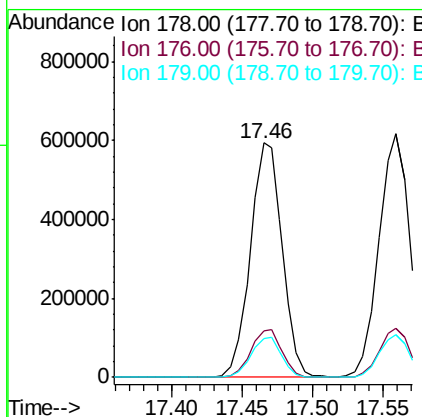
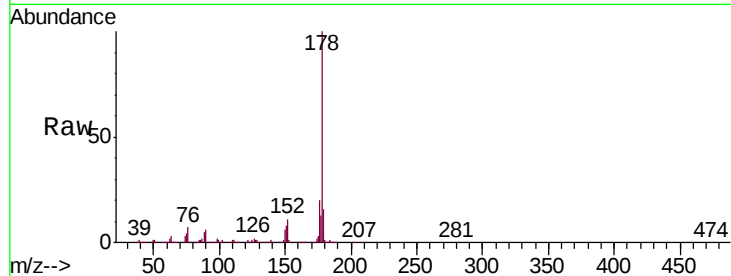
#71
Phenanthrene
Concen: 48.828 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	16.5	14.1	21.1

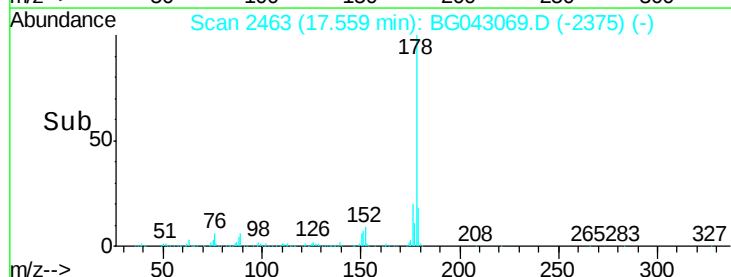
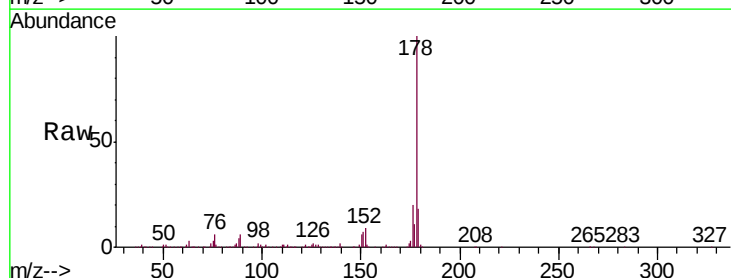
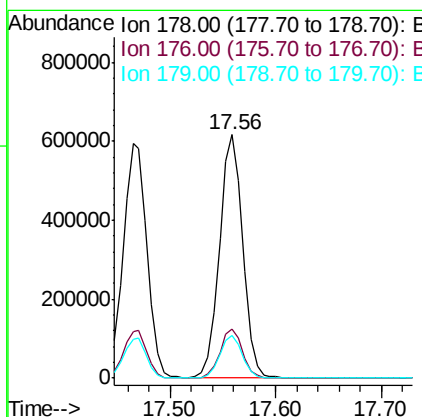
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#72
Anthracene
Concen: 49.106 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	17.6	13.5	20.3





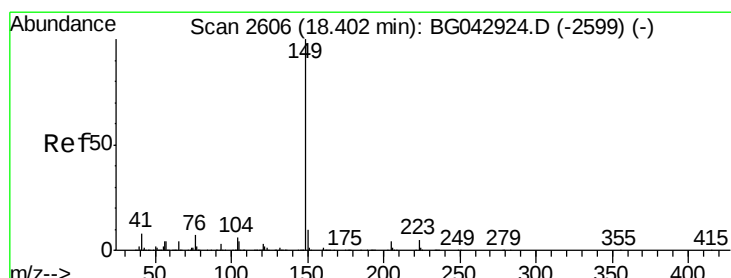
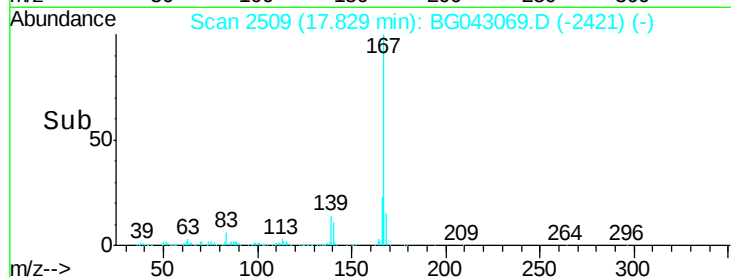
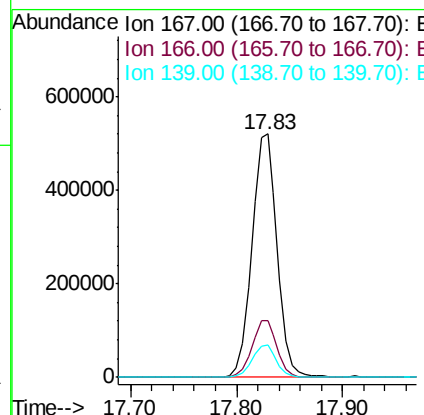
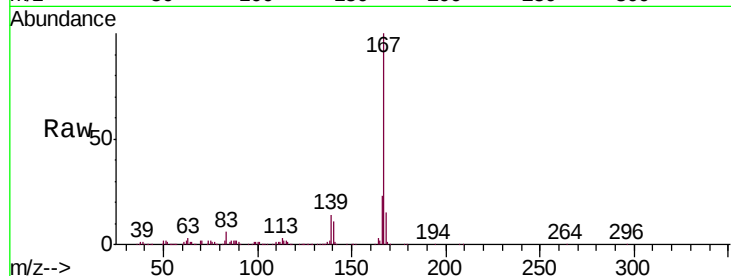
#73
 Carbazole
 Concen: 48.101 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	13.5	10.8	16.2

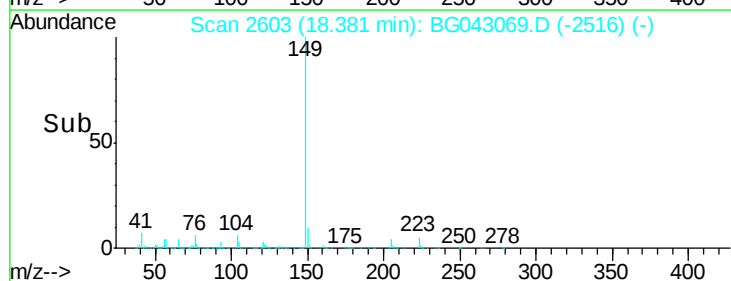
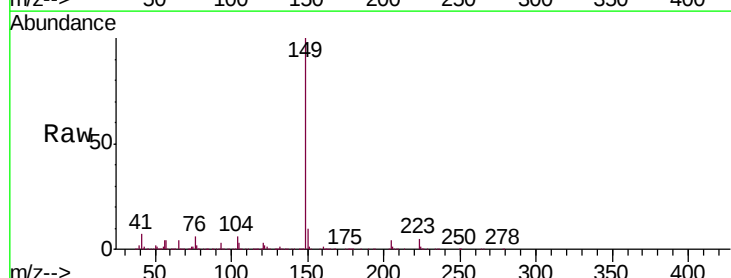
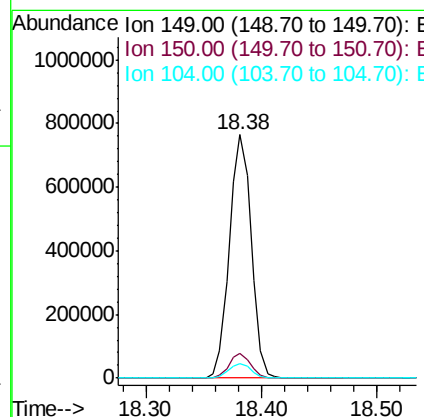
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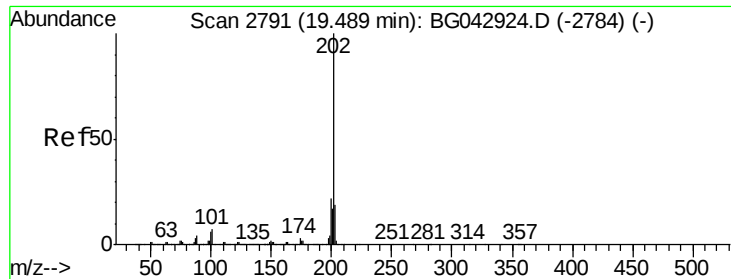
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#74
 Di-n-butylphthalate
 Concen: 47.083 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 49.929 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

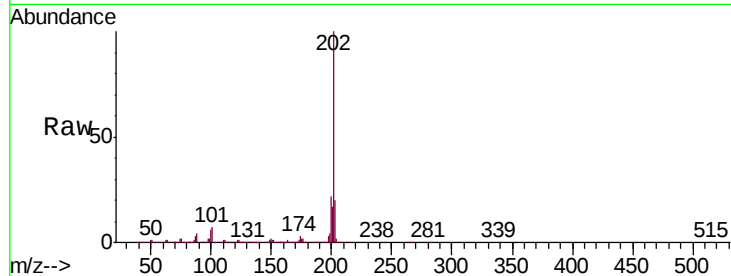
20190773-SS-COMPOSITE-13MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	27.3
203	19.6	0.0	39.5

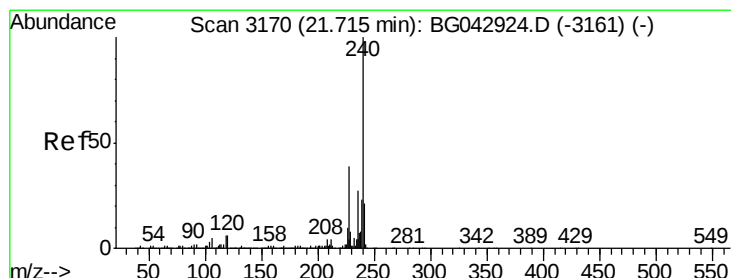
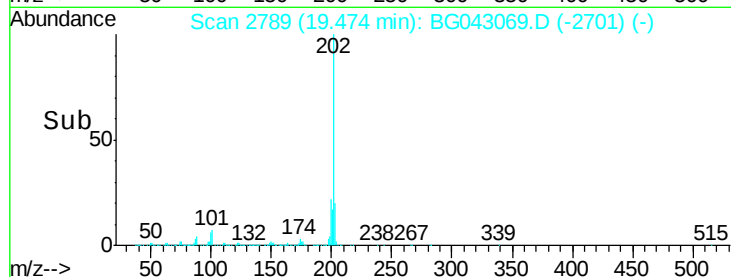
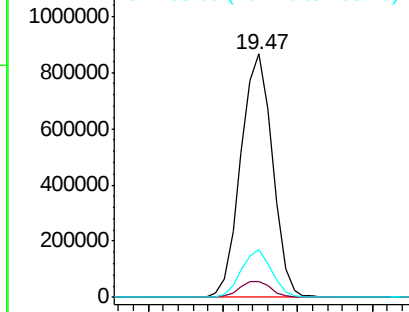
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

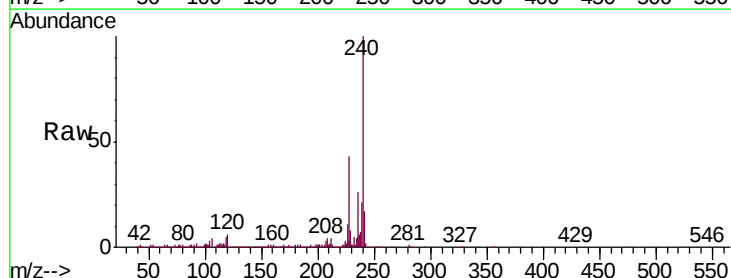
RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

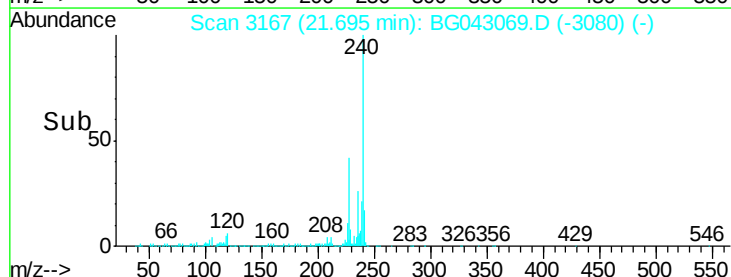
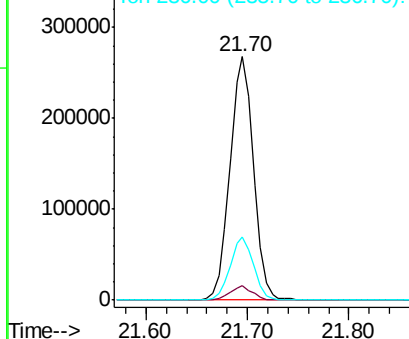
Lab File: BG043069.D

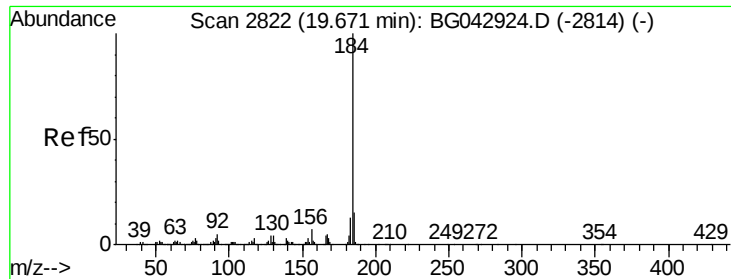
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.8	7.2
236	26.2	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: 54.107 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

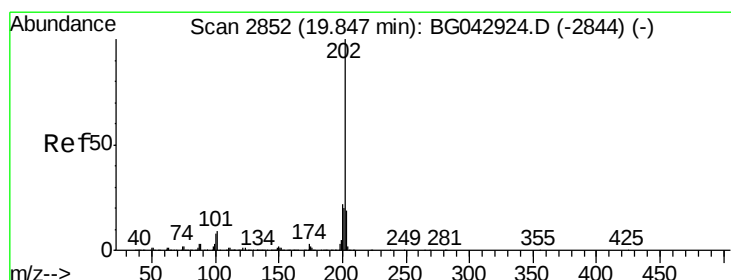
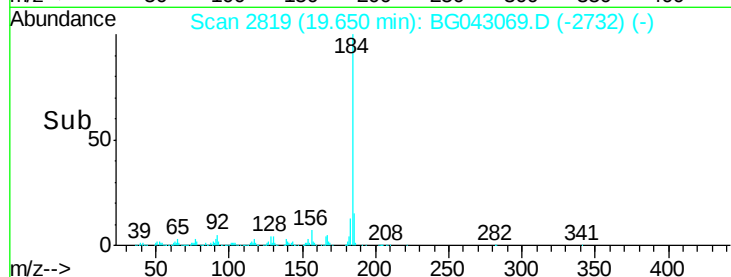
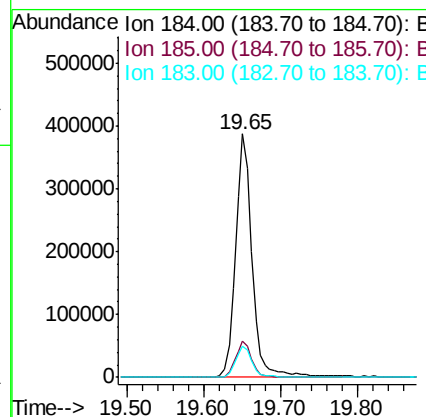
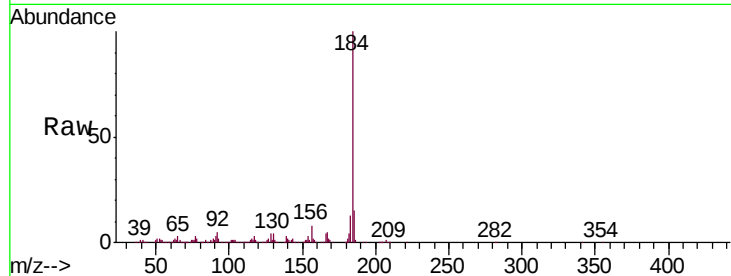
ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:	184	Resp:	582939
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	13.0	10.1	15.1

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#78

Pyrene

Concen: 49.287 ng

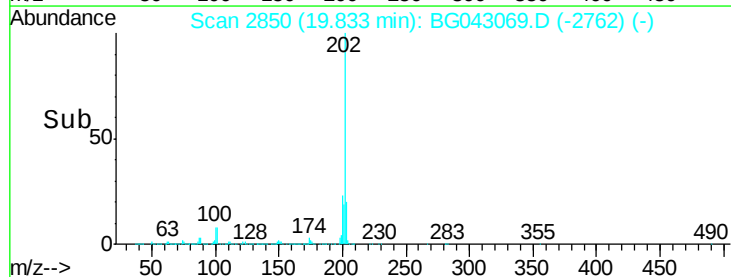
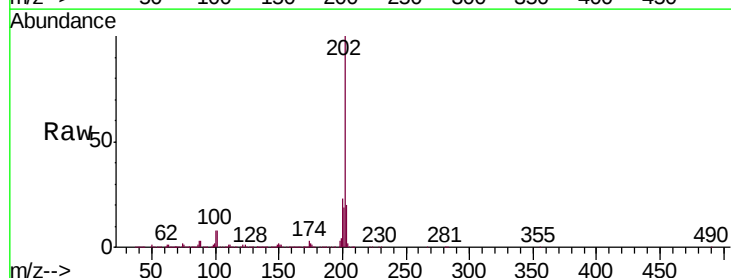
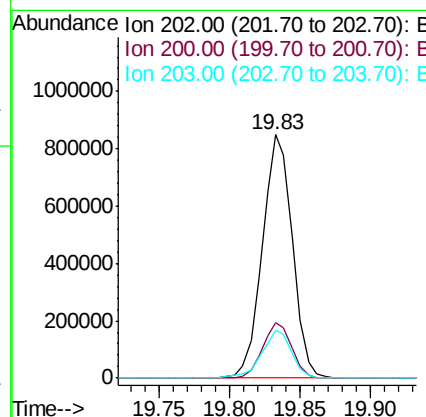
RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	202	Resp:	1265786
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.6	26.4
203	19.5	15.2	22.8





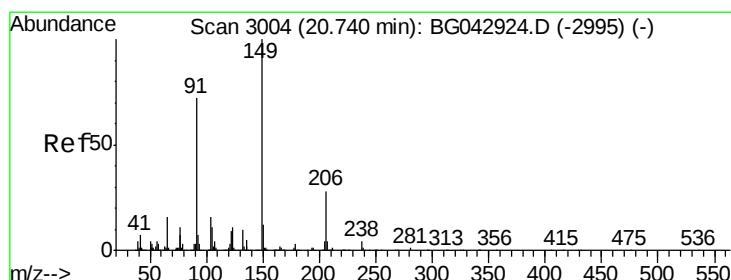
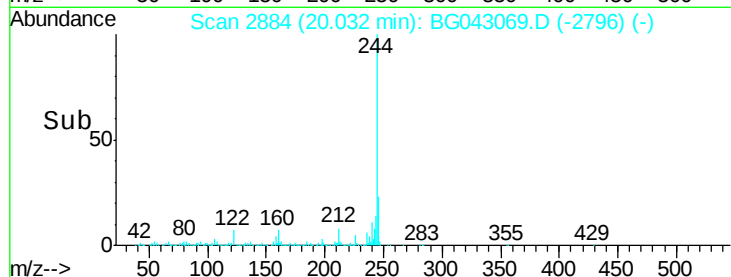
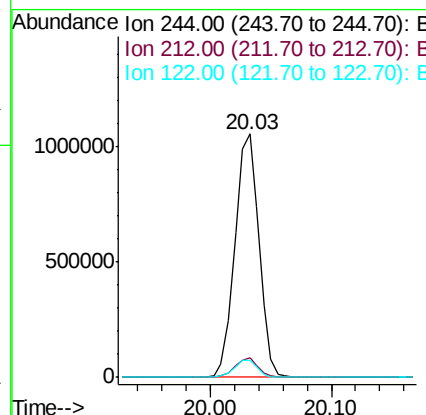
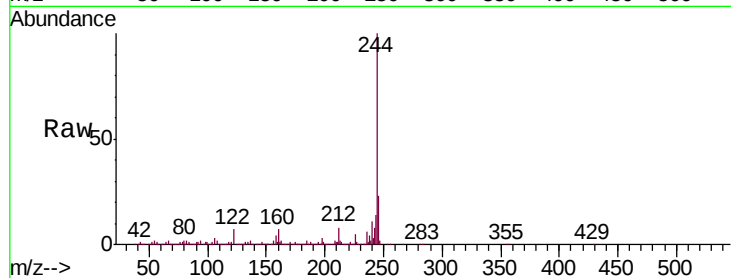
#79
 Terphenyl-d14
 Concen: 72.648 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	6.8	7.0	10.4

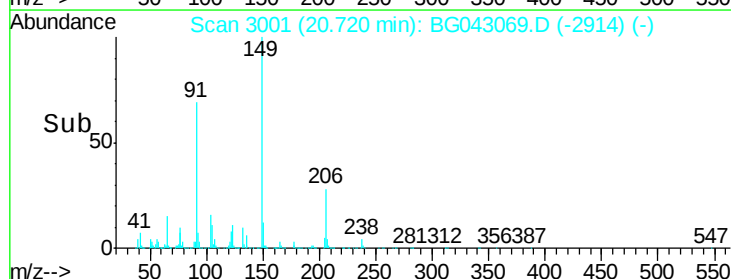
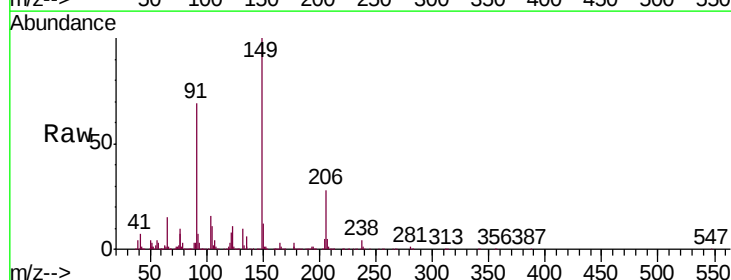
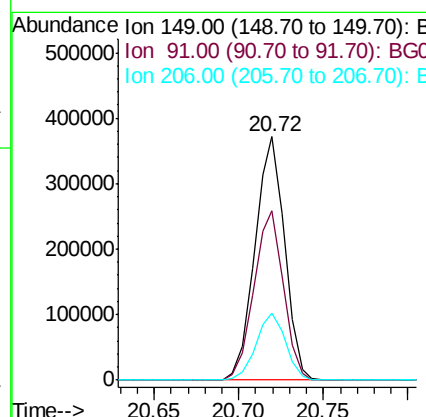
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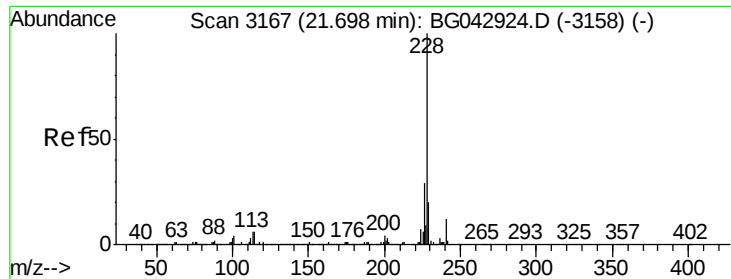
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#80
 Butylbenzylphthalate
 Concen: 46.604 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.02 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.7	86.5
206	27.6	22.6	33.8





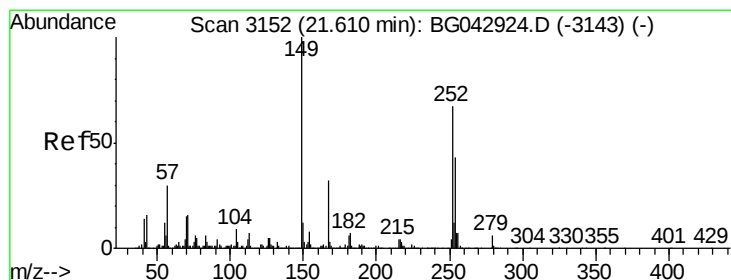
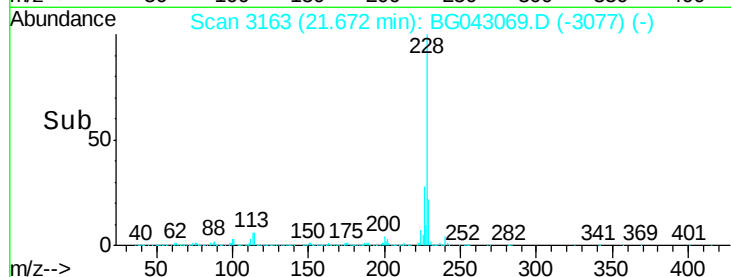
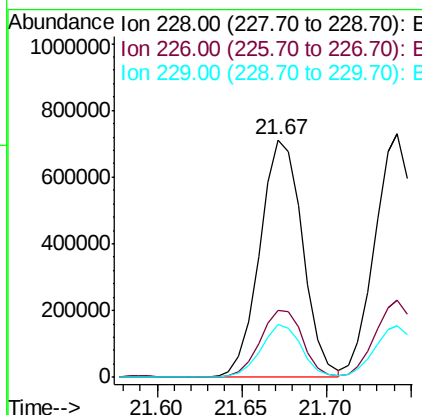
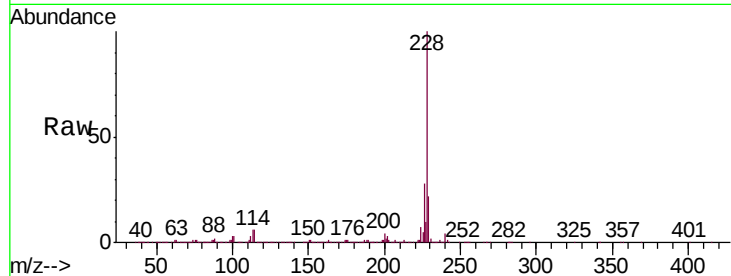
#81
Benzo(a)anthracene
Concen: 46.758 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	22.3	16.3	24.5

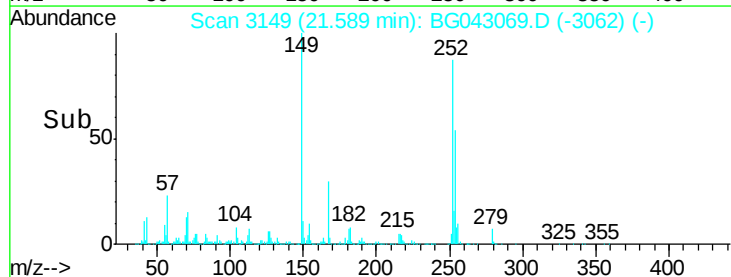
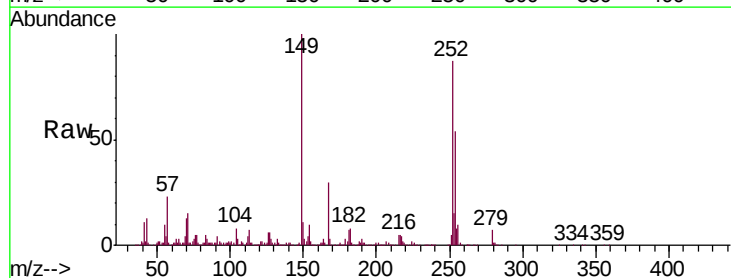
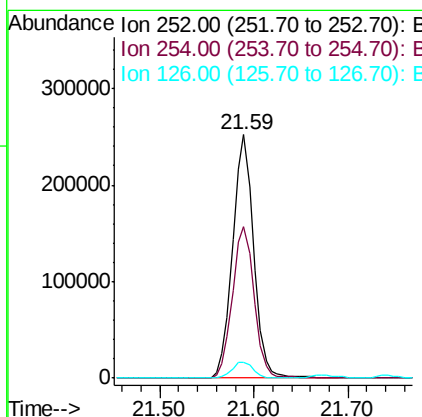
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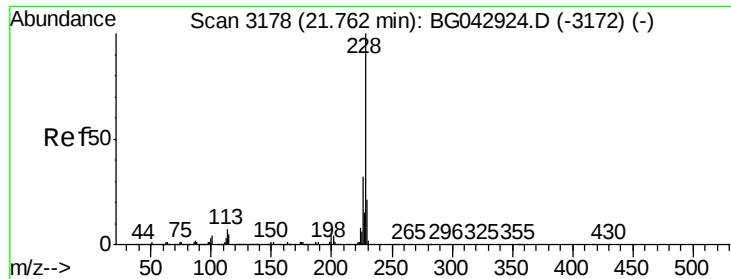
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#82
3,3'-Dichlorobenzidine
Concen: 37.318 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.9	77.9
126	6.4	6.1	9.1





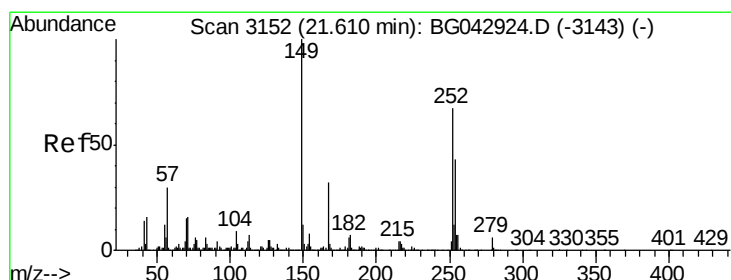
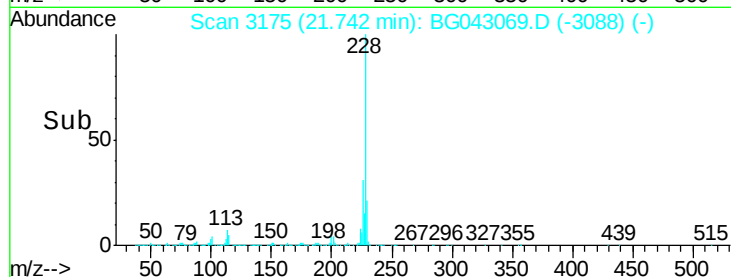
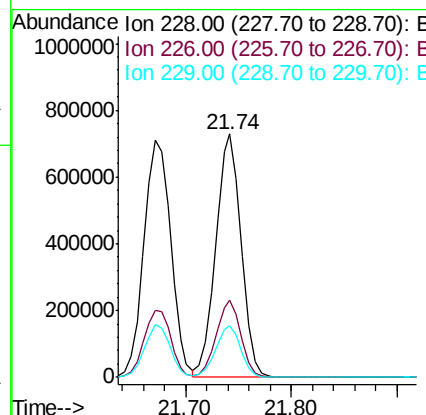
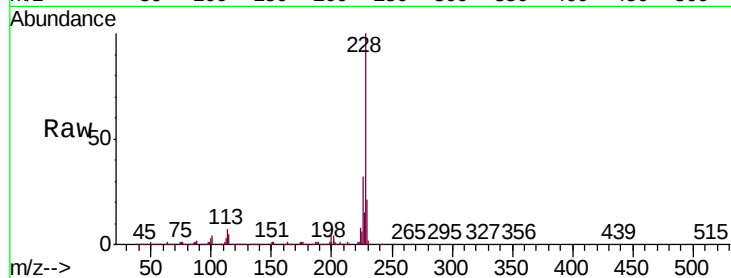
#83
Chrysene
Concen: 46.891 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.4	16.9	25.3

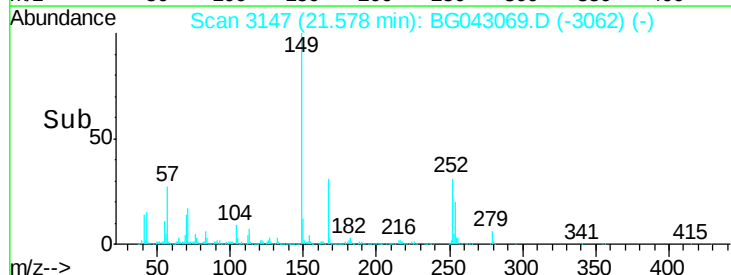
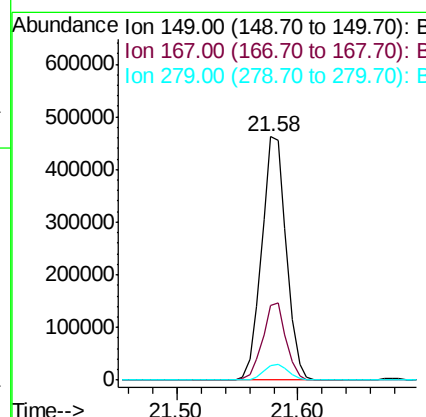
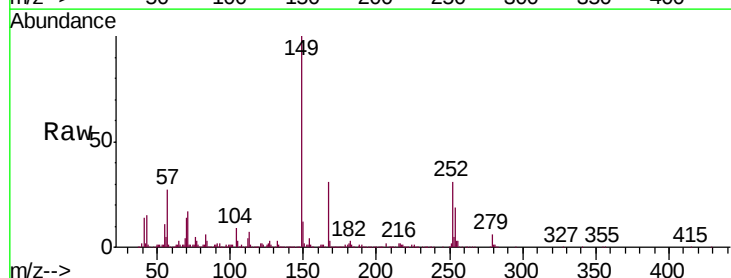
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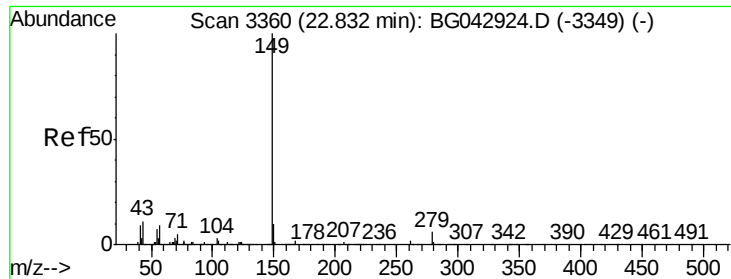
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.965 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.03 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.4	38.2
279	6.2	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 49.014 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

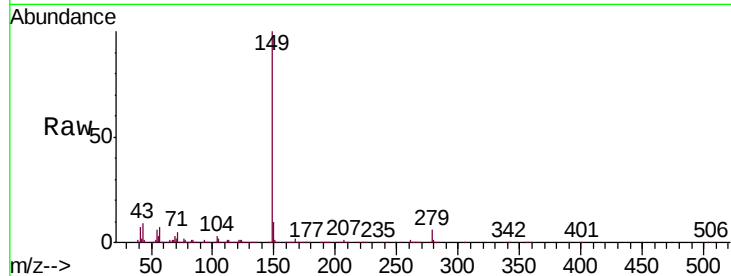
20190773-SS-COMPOSITE-13MS

Tgt Ion:	149	Resp:	1111742
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.9	8.7	13.1

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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

22.79

800000

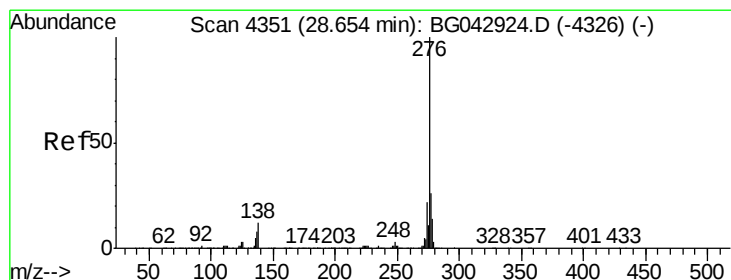
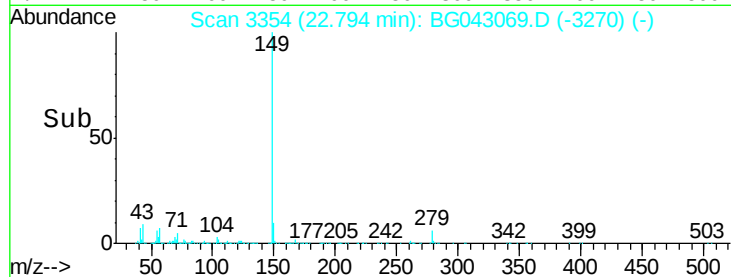
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.598 ng

RT: 28.58 min Scan# 4339

Delta R.T. -0.07 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:	276	Resp:	1606464
Ion Ratio	Lower	Upper	
276	100		
138	14.2	7.0	10.6#
277	26.4	20.9	31.3

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.58

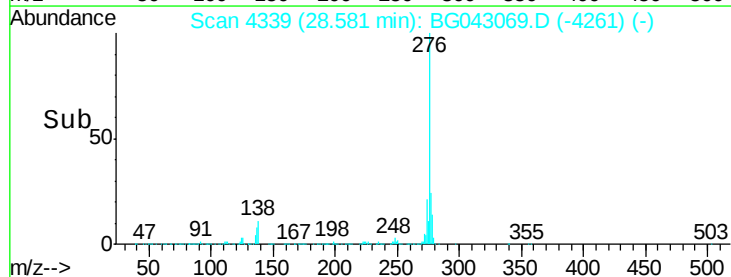
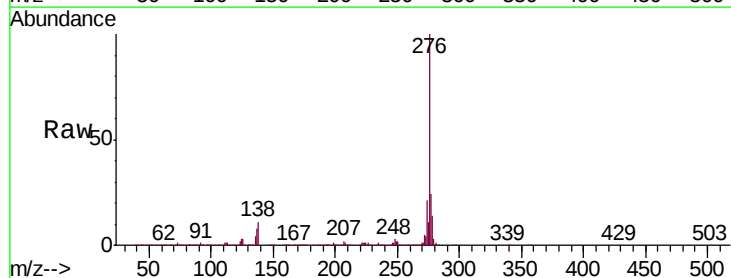
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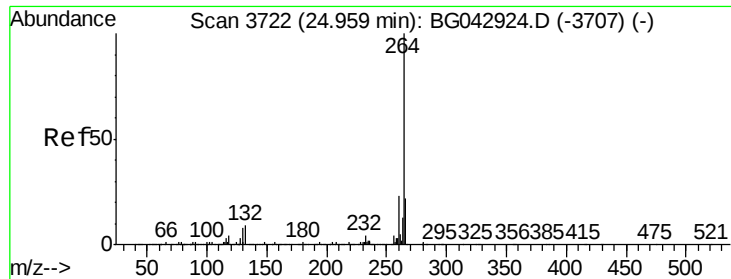
200000

100000

0

Time-->





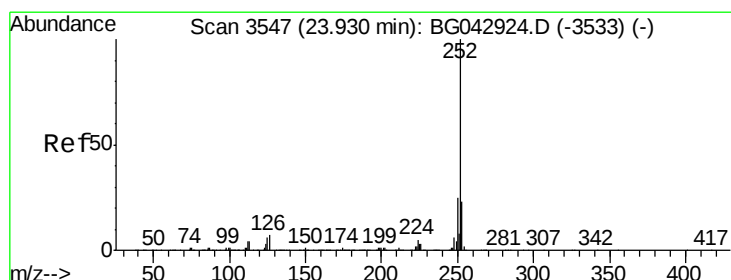
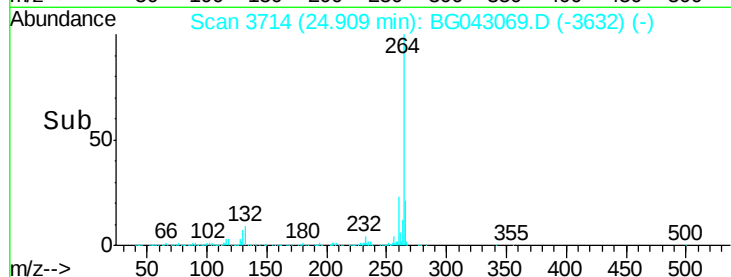
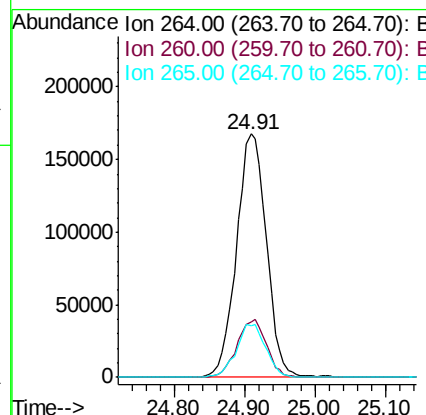
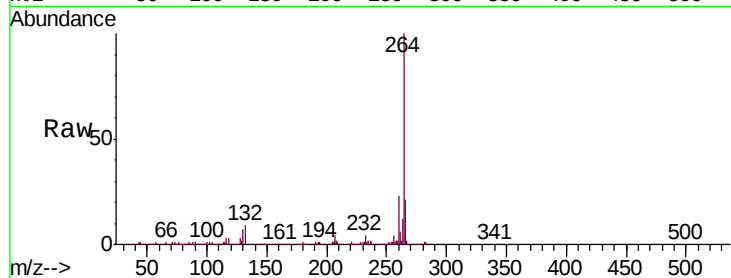
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	17.7	26.5

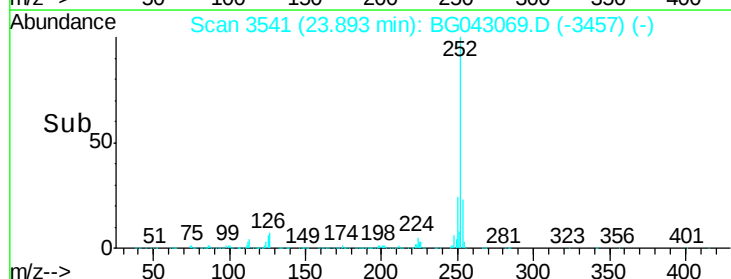
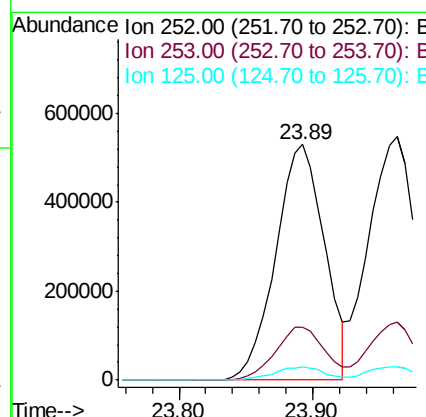
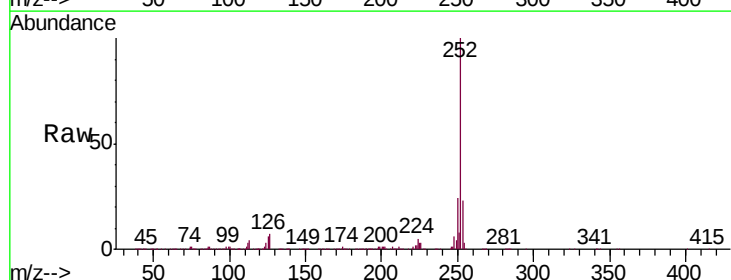
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#88
Benzo(b)fluoranthene
Concen: 48.104 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.7	4.6	7.0





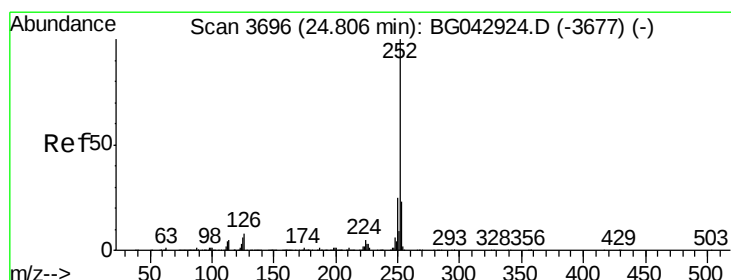
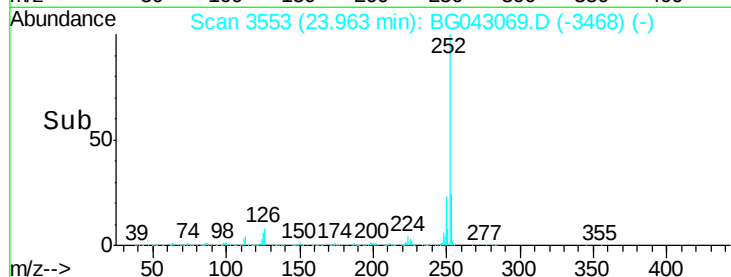
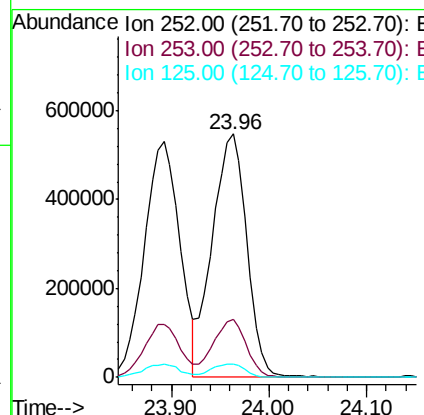
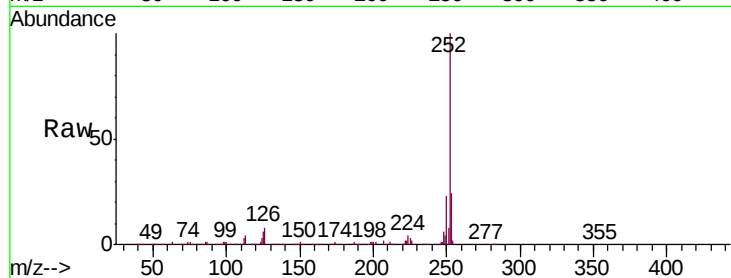
#89
Benzo(k)fluoranthene
Concen: 48.411 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	5.6	4.5	6.7

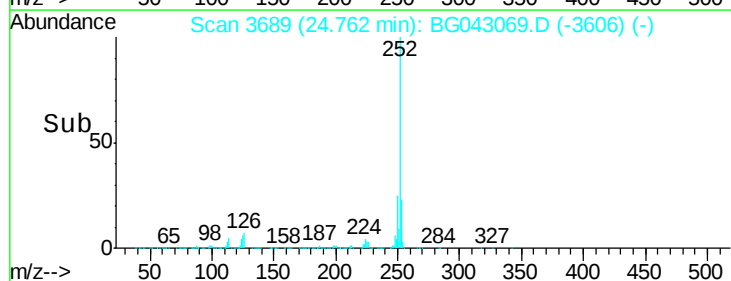
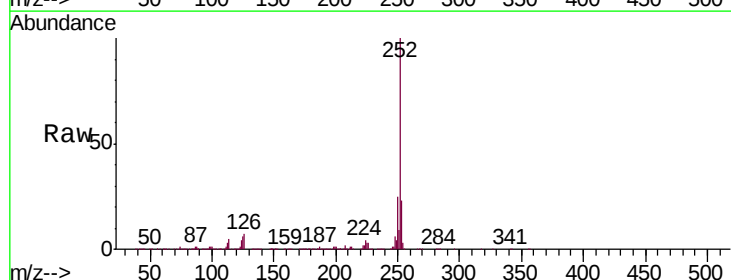
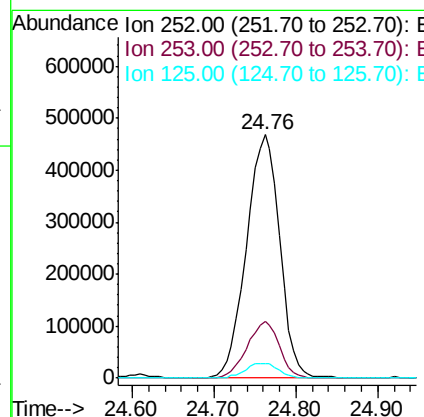
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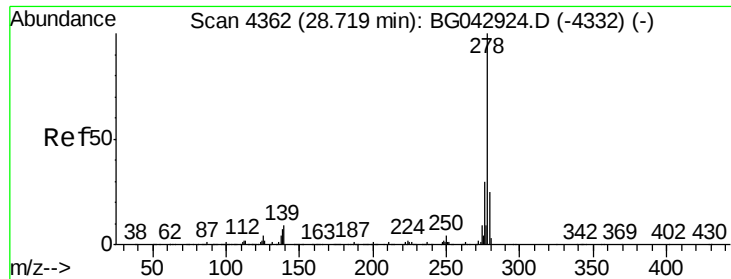
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#90
Benzo(a)pyrene
Concen: 50.459 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	6.2	5.0	7.6





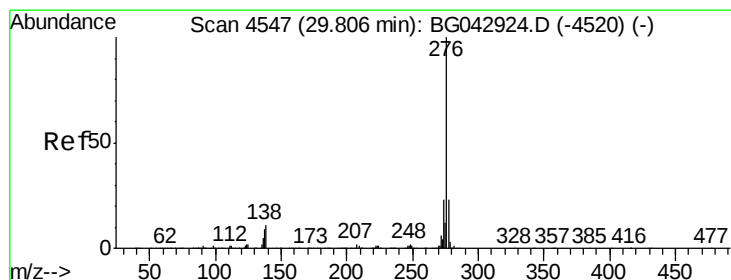
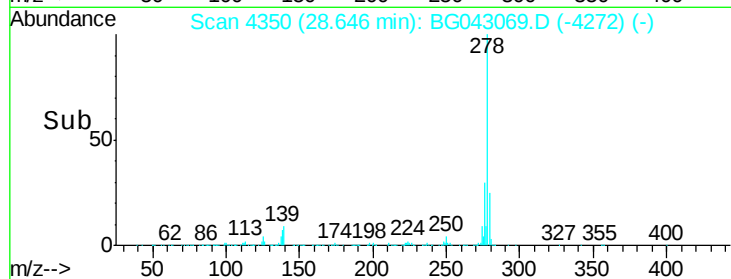
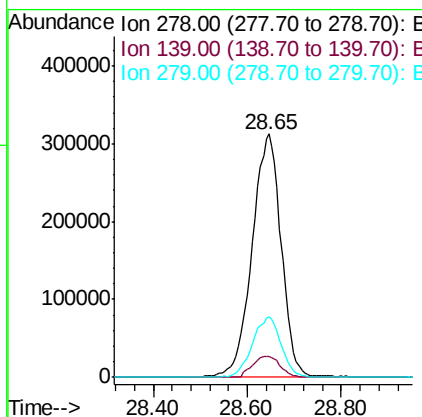
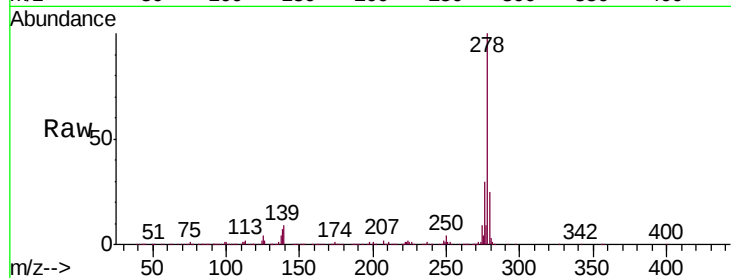
#91
Dibenzo(a,h)anthracene
Concen: 49.829 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.8	10.2
279	24.8	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 51.557 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.08 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.4	27.6
138	11.7	8.6	12.8

