

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042889.D
 Acq On : 18 Sep 2019 11:50
 Operator : HP/JU
 Sample : K4918-12MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:48:05 AM

Quant Time: Sep 19 02:27:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58677	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	244188	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	191893	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	458791	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	424141	20.00	ng	-0.02
87) Perylene-d12	24.99	264	444088	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	349753	103.63	ng	0.01
7) Phenol-d6	7.29	99	560053	115.61	ng	0.02
23) Nitrobenzene-d5	9.27	82	355805	75.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	300896	117.86	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	839567	69.26	ng	-0.02
79) Terphenyl-d14	20.07	244	1404607	73.40	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39931	25.924	ng	# 86
3) Pyridine	4.01	79	103869	22.397	ng	# 79
4) n-Nitrosodimethylamine	3.90	42	83333	36.928	ng	84
6) Aniline	7.44	93	81029	12.397	ng	96
8) 2-Chlorophenol	7.68	128	149343	40.936	ng	93
9) Benzaldehyde	7.25	77	92080	29.209	ng	92
10) Phenol	7.32	94	217449	43.770	ng	91
11) bis(2-Chloroethyl)ether	7.53	93	131967	34.612	ng	98
12) 1,3-Dichlorobenzene	7.99	146	154799	34.788	ng	98
13) 1,4-Dichlorobenzene	8.14	146	160380	36.000	ng	99
14) 1,2-Dichlorobenzene	8.46	146	149273	35.200	ng	98
15) Benzyl Alcohol	8.36	79	163766	39.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	310186	37.046	ng	97
17) 2-Methylphenol	8.56	107	137570	41.391	ng	96
18) Hexachloroethane	9.19	117	60109	36.546	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	129567	36.297	ng	95
20) 3+4-Methylphenols	8.89	107	194195	42.386	ng	96
22) Acetophenone	8.93	105	228949	37.125	ng	95
24) Nitrobenzene	9.31	77	199820	40.588	ng	99
25) Isophorone	9.85	82	364214	37.254	ng	98
26) 2-Nitrophenol	10.02	139	88370	45.648	ng	# 93
27) 2,4-Dimethylphenol	10.09	122	146634	42.819	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	195987	35.947	ng	98
29) 2,4-Dichlorophenol	10.56	162	176342	44.313	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	188060	38.707	ng	98
31) Naphthalene	10.96	128	474553	39.361	ng	98
32) Benzoic acid	10.24	122	84260	32.605	ng	93
33) 4-Chloroaniline	11.07	127	37701	6.690	ng	# 95
34) Hexachlorobutadiene	11.25	225	135329	39.755	ng	97
35) Caprolactam	11.90	113	58644m	39.629	ng	
36) 4-Chloro-3-methylphenol	12.20	107	191519	44.325	ng	92
37) 2-Methylnaphthalene	12.56	142	373771	41.386	ng	99
38) 1-Methylnaphthalene	12.77	142	358463	42.319	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	254149	40.080	ng	99

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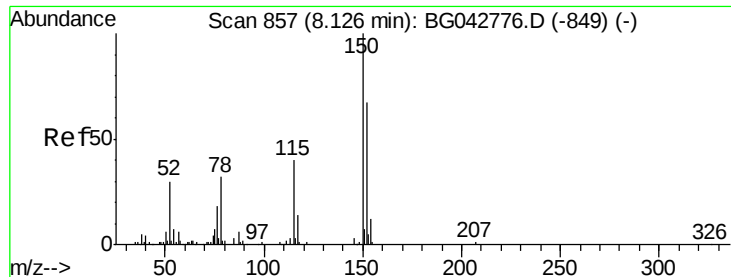
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	357577	98.436	nq	96
43) 2,4,6-Trichlorophenol	13.16	196	173050	40.992	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	187022	43.251	nq	97
46) 1,1'-Biphenyl	13.56	154	533219	39.693	nq	100
47) 2-Chloronaphthalene	13.60	162	413346	37.196	nq	99
48) 2-Nitroaniline	13.81	65	154242	40.011	nq	98
49) Acenaphthylene	14.44	152	674625	39.726	nq	98
50) Dimethylphthalate	14.18	163	672927	46.812	nq	99
51) 2,6-Dinitrotoluene	14.29	165	129210	43.805	nq	96
52) Acenaphthene	14.78	154	405714	36.569	nq	97
53) 3-Nitroaniline	14.62	138	45296	13.683	nq #	94
54) 2,4-Dinitrophenol	14.82	184	82408	56.752	nq #	76
55) Dibenzofuran	15.12	168	660116	40.030	nq	97
56) 4-Nitrophenol	14.95	139	188532	73.657	nq	95
57) 2,4-Dinitrotoluene	15.08	165	177456	45.135	nq	98
58) Fluorene	15.76	166	558003	40.829	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	188851	45.053	nq	98
60) Diethylphthalate	15.54	149	557276	38.191	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	329254	40.746	nq	98
62) 4-Nitroaniline	15.79	138	130952	36.698	nq	86
63) Azobenzene	16.05	77	552917	39.349	nq	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	89038	45.356	nq	93
66) n-Nitrosodiphenylamine	15.97	169	498954	40.415	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	224316	40.395	nq	95
68) Hexachlorobenzene	16.77	284	230577	38.859	nq	97
69) Atrazine	16.93	200	193593	45.030	nq	98
70) Pentachlorophenol	17.12	266	266055	75.584	nq	93
71) Phenanthrene	17.50	178	891641	40.638	nq	99
72) Anthracene	17.60	178	896616	40.903	nq	99
73) Carbazole	17.87	167	815264	39.131	nq	98
74) Di-n-butylphthalate	18.43	149	920707	36.891	nq	100
75) Fluoranthene	19.51	202	1111862	39.100	nq	99
77) Benzidine	19.69	184	244997	20.675	nq	99
78) Pyrene	19.87	202	1119051	42.142	nq	99
80) Butylbenzylphthalate	20.76	149	393142	36.583	nq	96
81) Benzo(a)anthracene	21.72	228	1052610	39.032	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	157293	15.009	nq	98
83) Chrysene	21.79	228	1022674	40.035	nq	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	534862	36.425	nq	97
85) Di-n-octyl phthalate	22.86	149	866419	34.612	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1111195	35.127	nq #	90
88) Benzo(b)fluoranthene	23.97	252	1044029	40.038	nq #	98
89) Benzo(k)fluoranthene	24.03	252	987624	40.095	nq #	97
90) Benzo(a)pyrene	24.85	252	992926	40.666	nq #	98
91) Dibenzo(a,h)anthracene	28.78	278	937693	39.047	nq #	96
92) Benzo(g,h,i)perylene	29.88	276	924943	39.487	nq #	94

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



#1

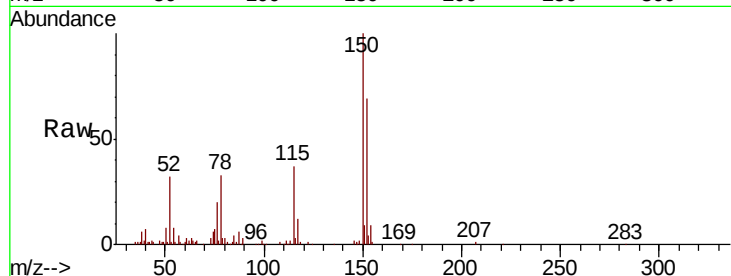
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
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ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	118.9	178.3
115	54.6	47.4	71.2

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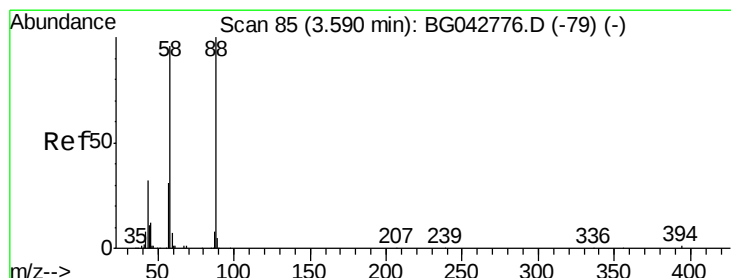
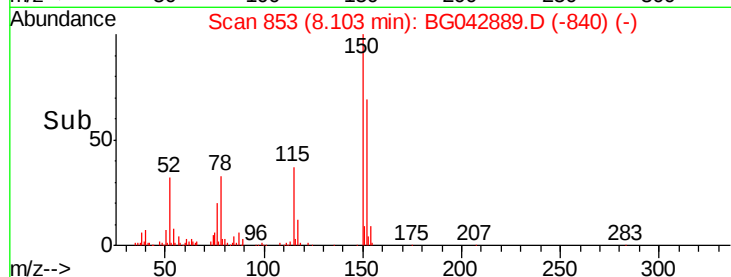
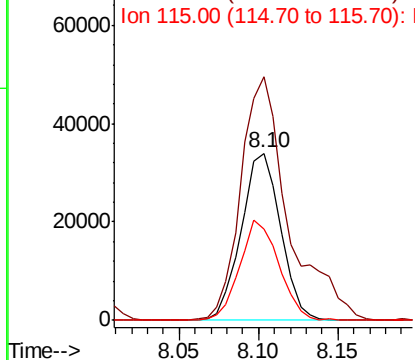


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

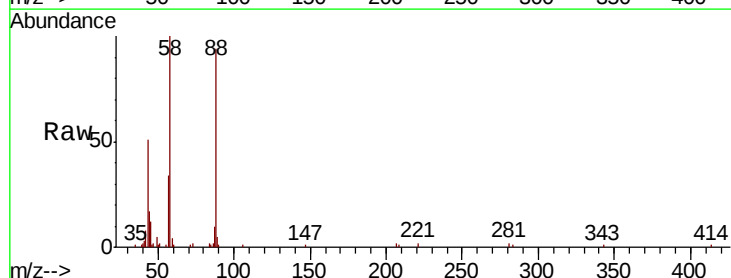
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.924 ng
RT: 3.59 min Scan# 85
Delta R.T. 0.00 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.1	79.1	118.7
43	55.3	30.4	45.6#

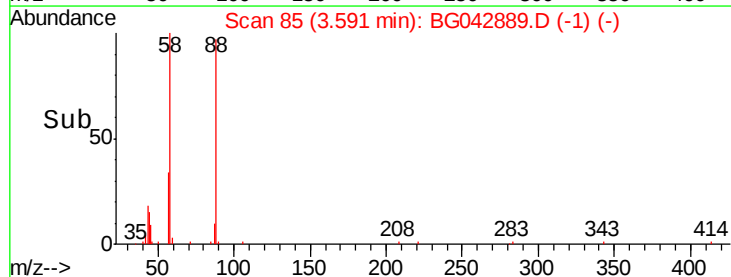
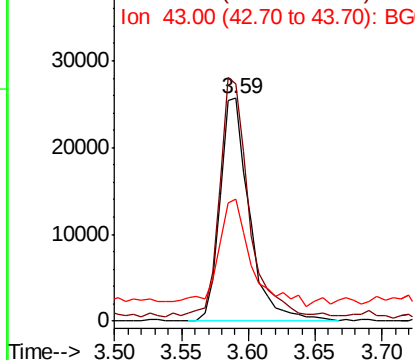


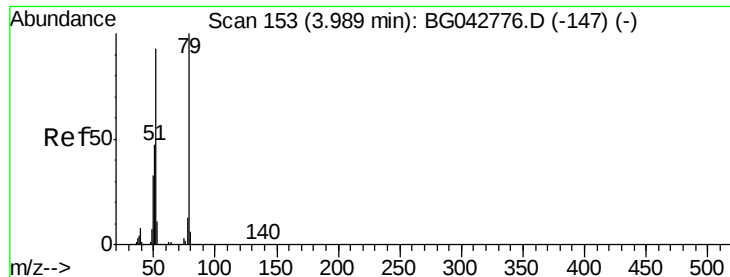
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.397 ng

RT: 4.01 min Scan# 156

Delta R.T. 0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

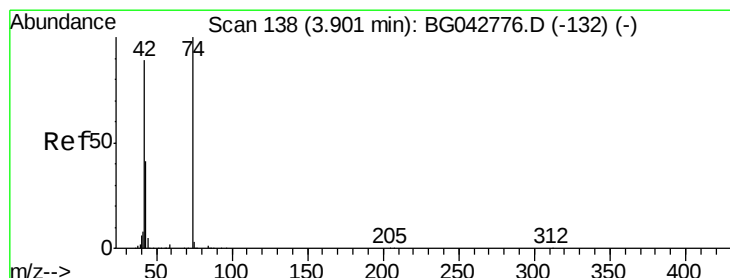
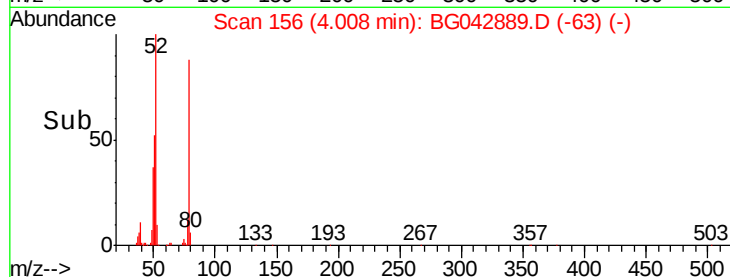
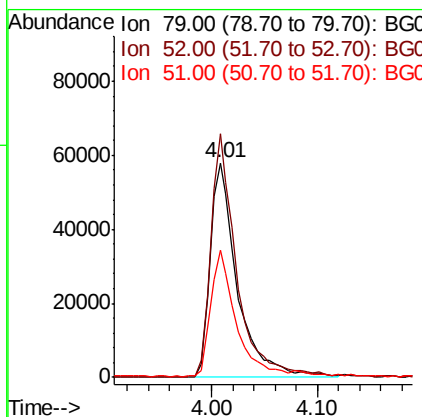
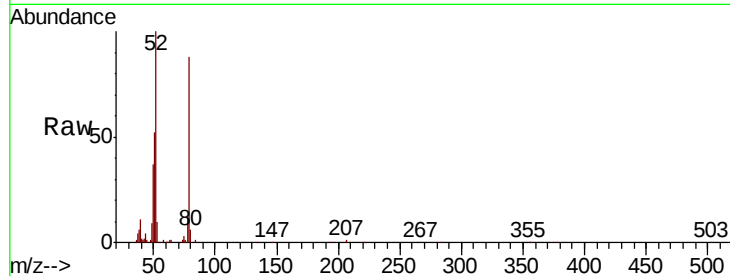
ClientSampleId :

SB-12MS

Tot Ion:	79	Resp:	103869
Ion	Ratio	Lower	Upper
79	100		
52	113.4	74.0	111.0#
51	59.4	37.5	56.3#

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#4

n-Nitrosodimethylamine

Concen: 36.928 ng

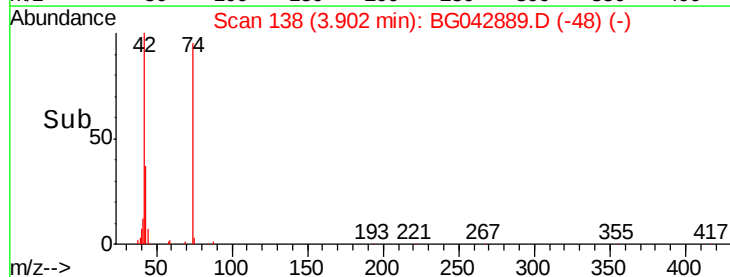
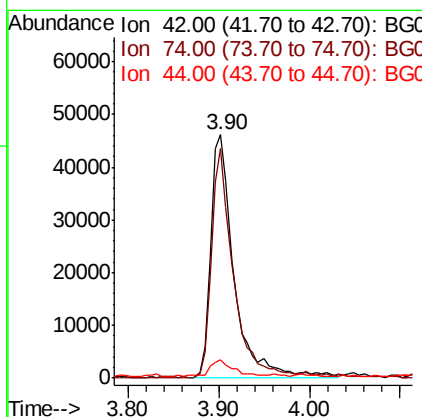
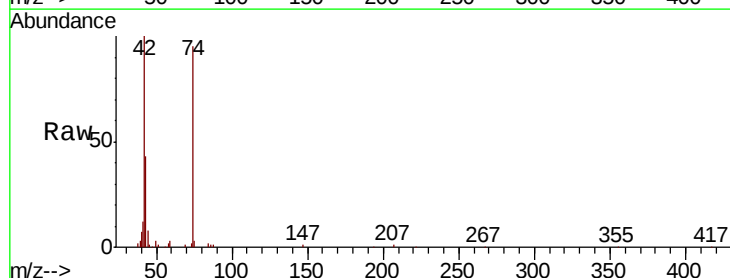
RT: 3.90 min Scan# 138

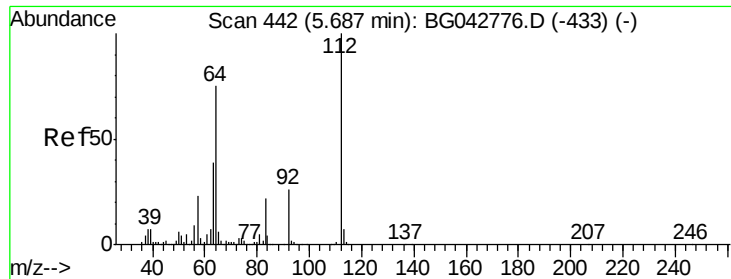
Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	42	Resp:	83333
Ion	Ratio	Lower	Upper
42	100		
74	94.5	90.2	135.2
44	7.5	6.6	9.8





#5

2-Fluorophenol

Concen: 103.629 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

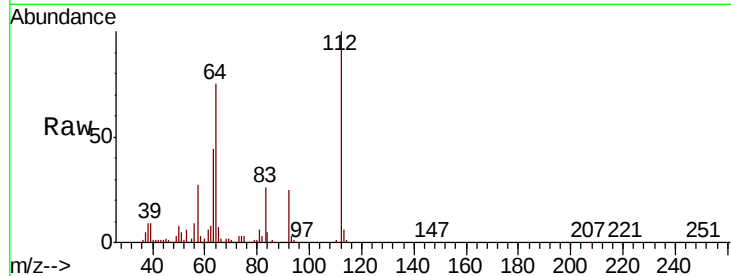
ClientSampled :

SB-12MS

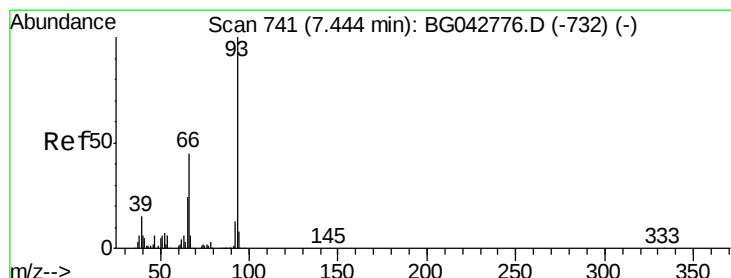
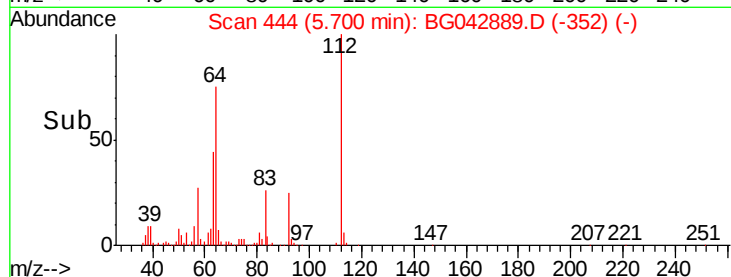
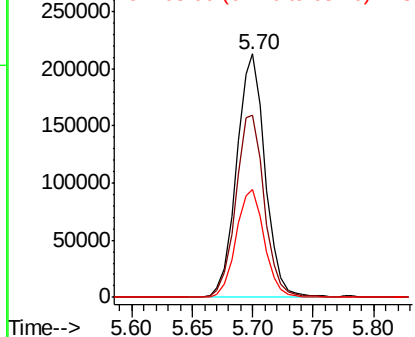
Tot Ion:	112	Resp:	349753
Ion Ratio	Lower	Upper	
112	100		
64	74.7	60.2	90.2
63	44.3	31.2	46.8

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.397 ng

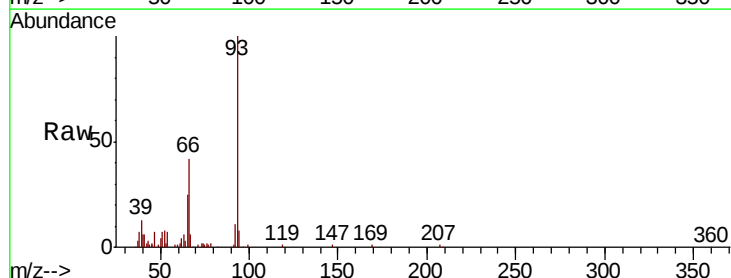
RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

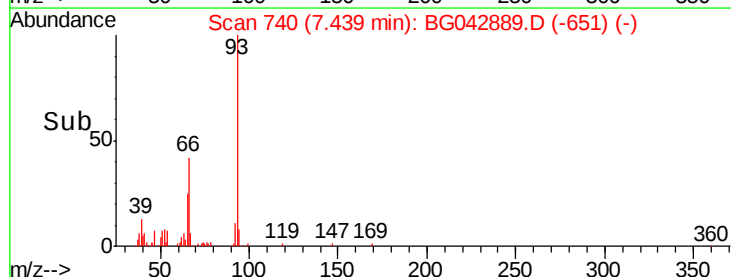
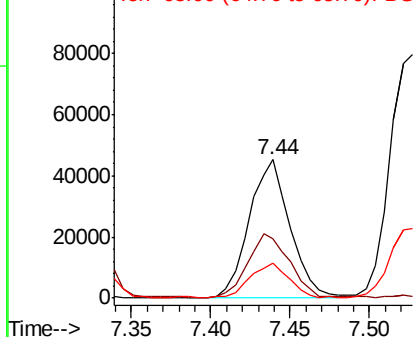
Lab File: BG042889.D

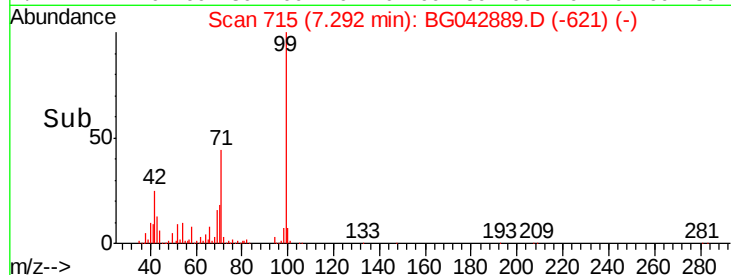
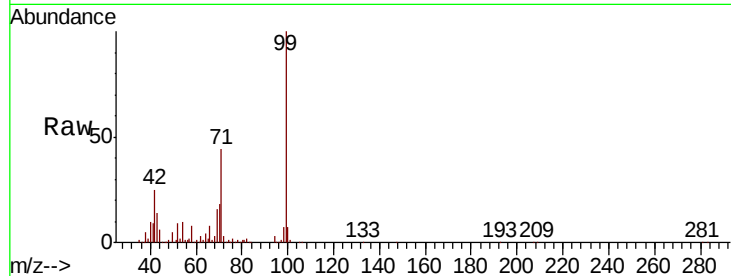
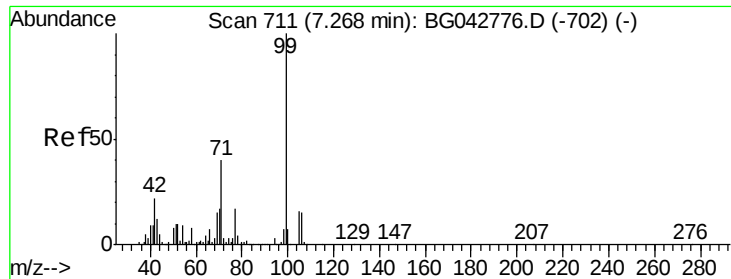
Acq: 18 Sep 2019 11:50

Tgt Ion:	93	Resp:	81029
Ion Ratio	Lower	Upper	
93	100		
66	42.4	36.3	54.5
65	25.2	19.3	28.9



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





#7

Phenol-d6

Concen: 115.610 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tot Ion:	99	Resp:	560053
Ion Ratio	Lower	Upper	
99	100		
42	24.6	17.5	26.3
71	43.5	32.0	48.0

Instrument :

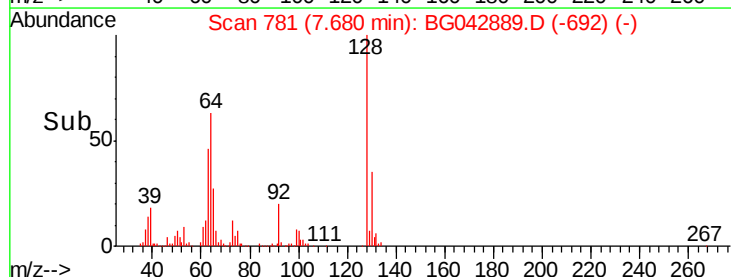
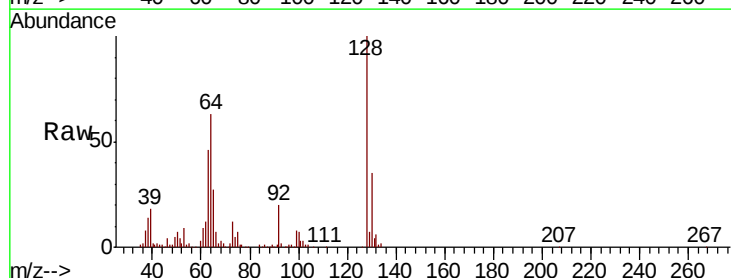
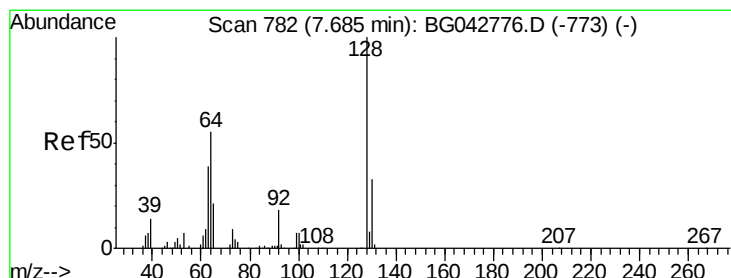
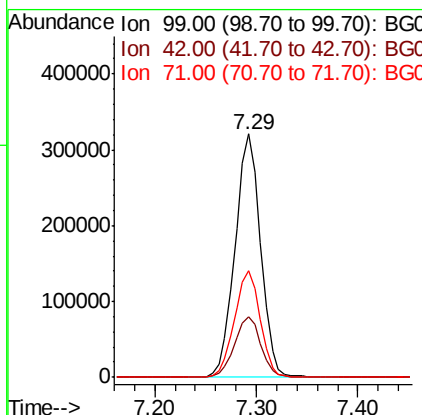
BNA_G

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#8

2-Chlorophenol

Concen: 40.936 ng

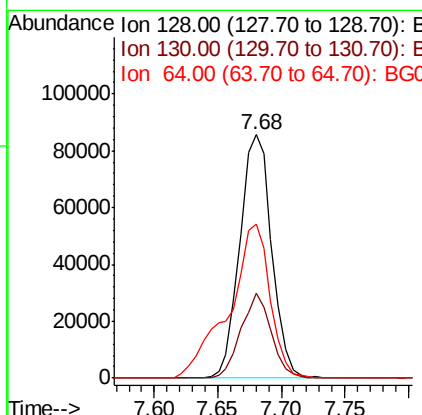
RT: 7.68 min Scan# 781

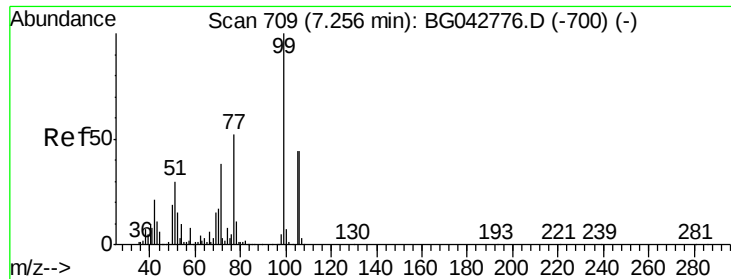
Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	128	Resp:	149343
Ion Ratio	Lower	Upper	
128	100		
130	34.9	12.8	52.8
64	63.4	36.8	76.8





#9

Benzaldehyde

Concen: 29.209 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

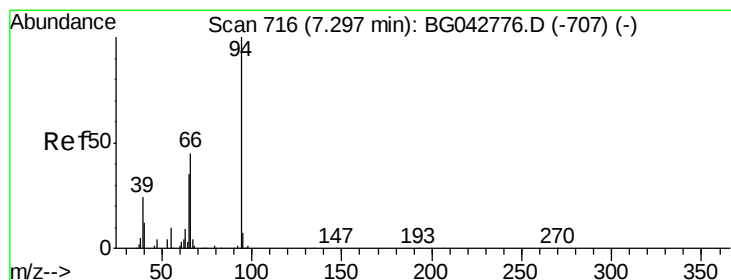
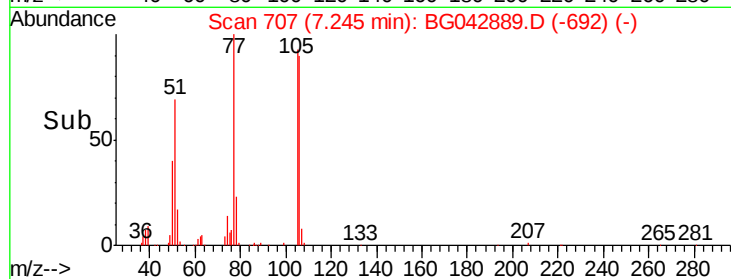
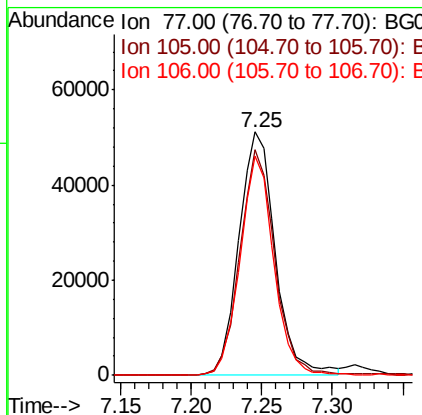
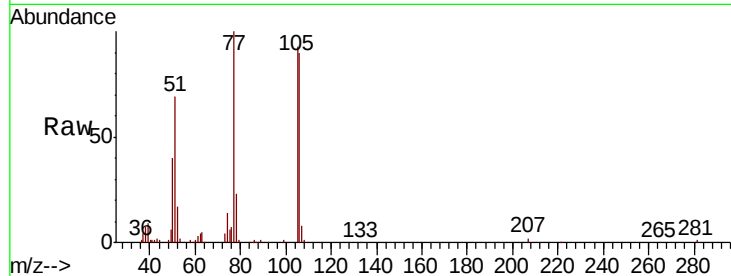
ClientSampleId :

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Tot Ion:	77	Resp:	92080
Ion	Ratio	Lower	Upper
77	100		
105	92.9	64.5	104.5
106	90.2	63.4	103.4

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#10

Phenol

Concen: 43.770 ng

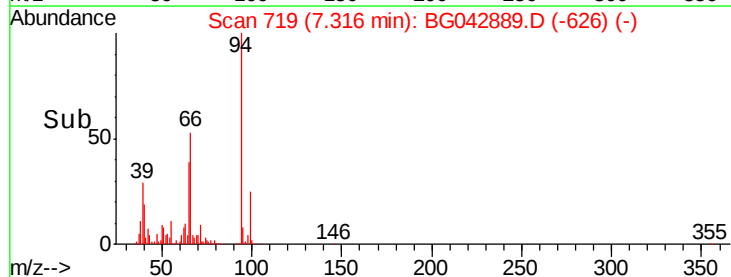
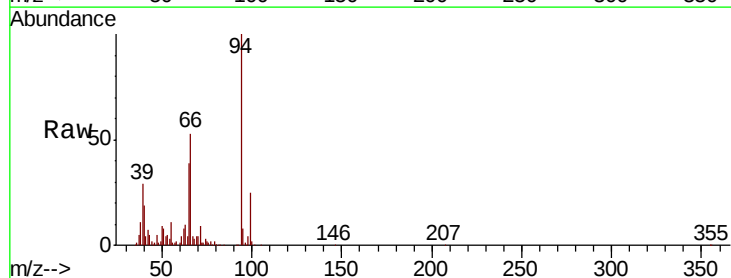
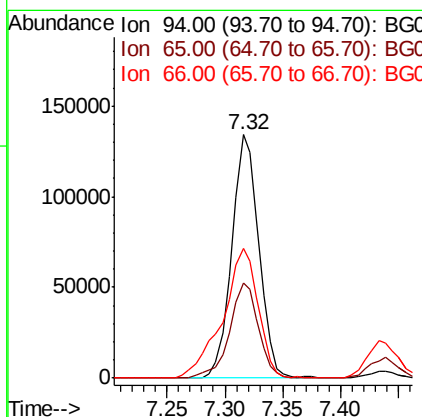
RT: 7.32 min Scan# 719

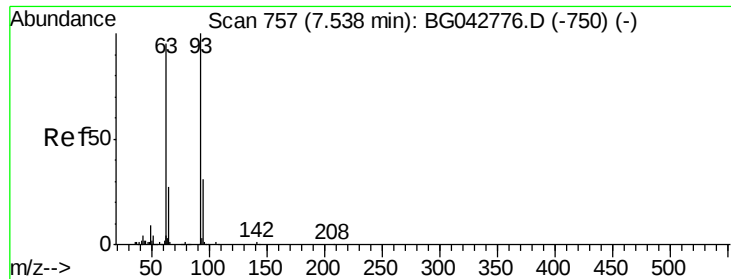
Delta R.T. 0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	94	Resp:	217449
Ion	Ratio	Lower	Upper
94	100		
65	38.9	15.0	55.0
66	53.5	26.1	66.1





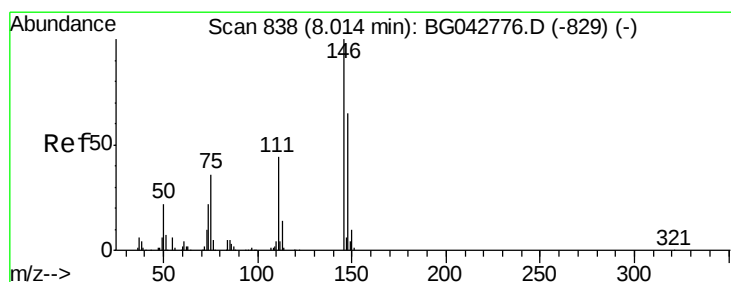
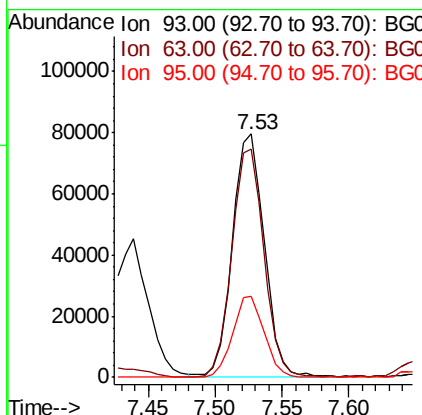
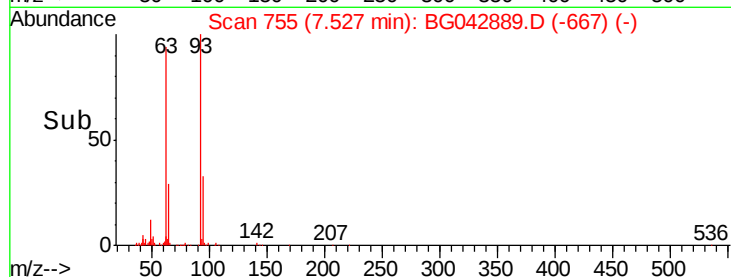
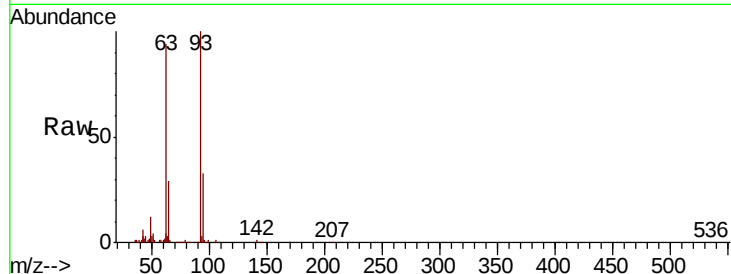
#11
bis(2-Chloroethyl)ether
Concen: 34.612 ng
RT: 7.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.8	74.7	114.7
95	33.4	11.1	51.1

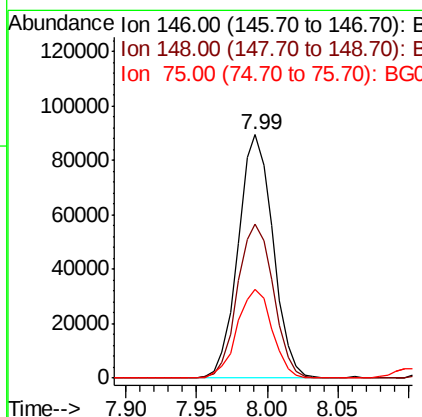
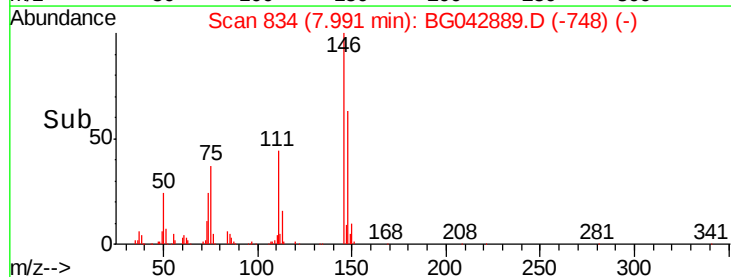
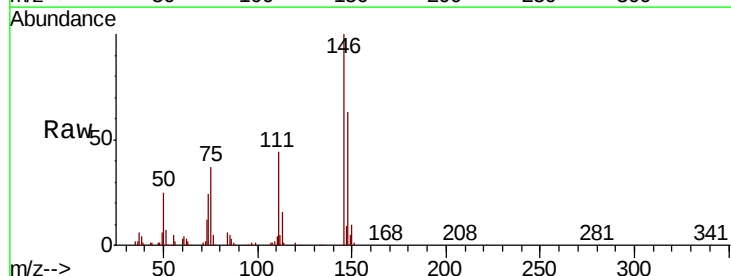
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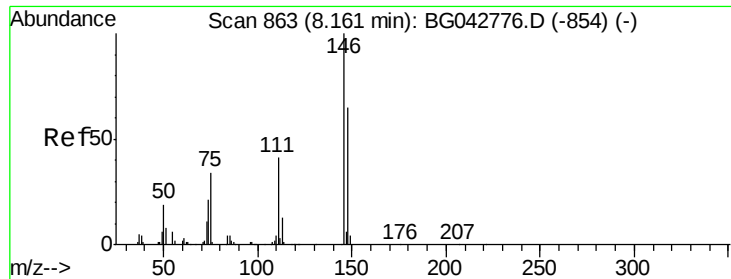
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#12
1,3-Dichlorobenzene
Concen: 34.788 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	36.6	28.4	42.6





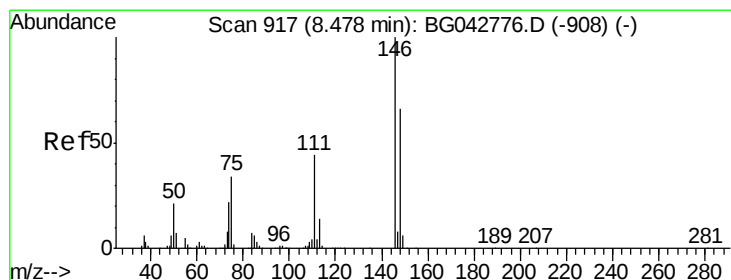
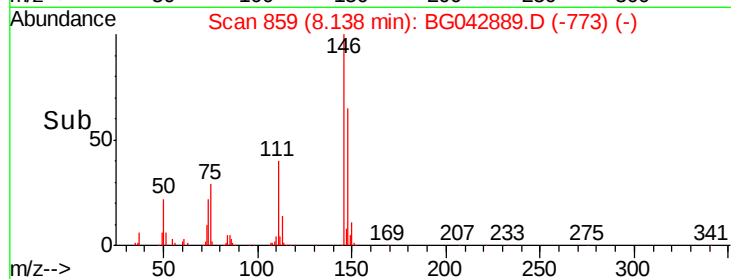
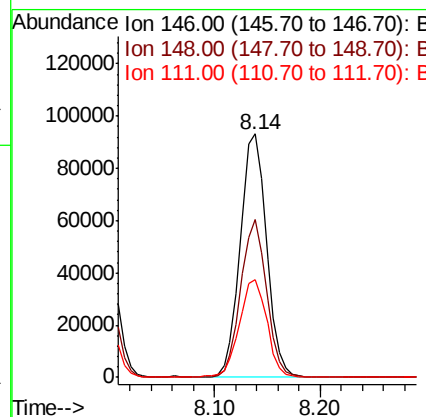
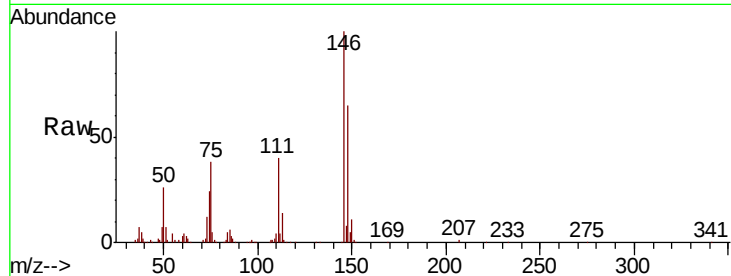
#13
 1,4-Dichlorobenzene
 Concen: 36.000 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleID :
 SB-12MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	40.2	32.6	49.0

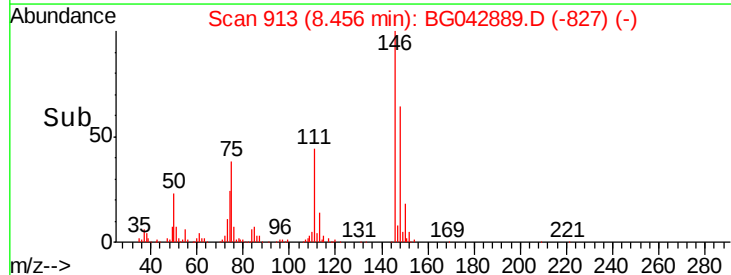
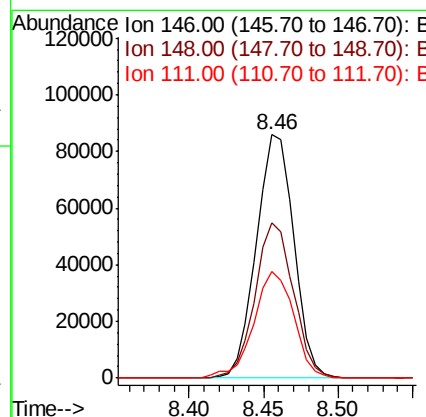
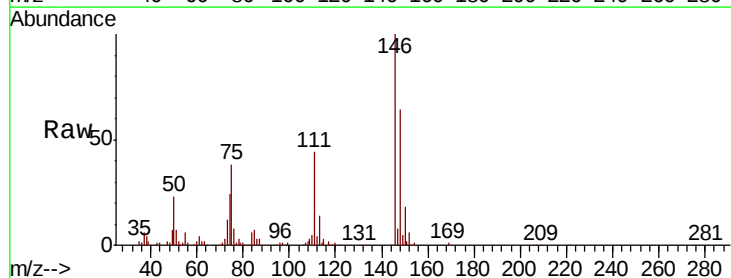
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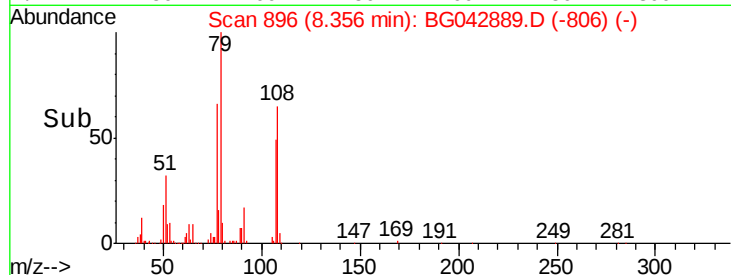
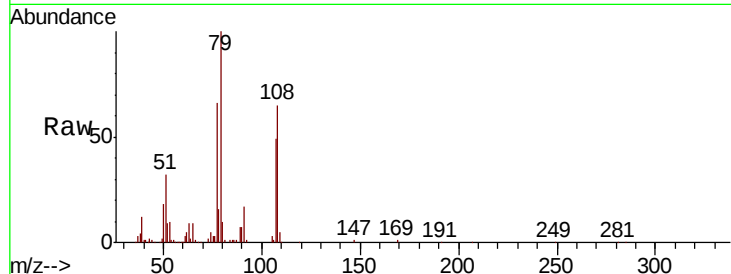
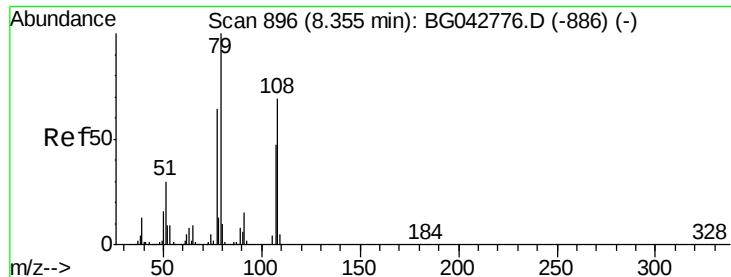
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#14
 1,2-Dichlorobenzene
 Concen: 35.200 ng
 RT: 8.46 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
111	43.9	35.3	52.9





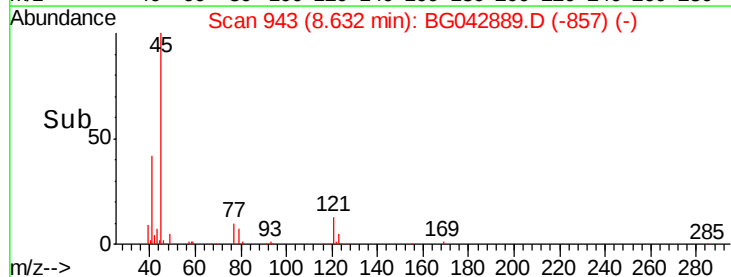
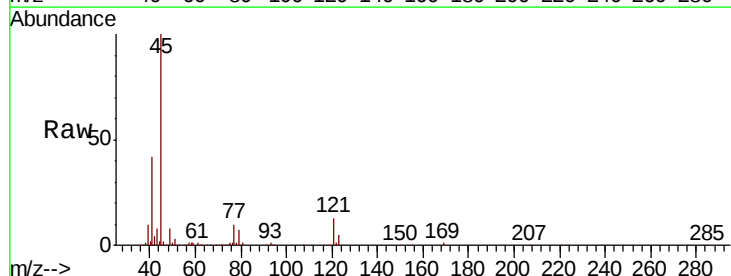
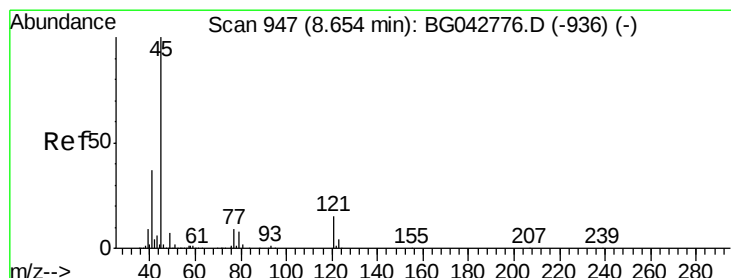
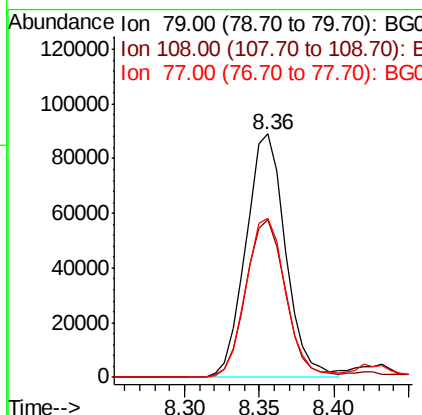
#15
Benzyl Alcohol
Concen: 39.392 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100	163766		
108	65.0	54.9	82.3	
77	65.6	51.0	76.6	

Instrument :
BNA_G
ClientSampleId :
SB-12MS

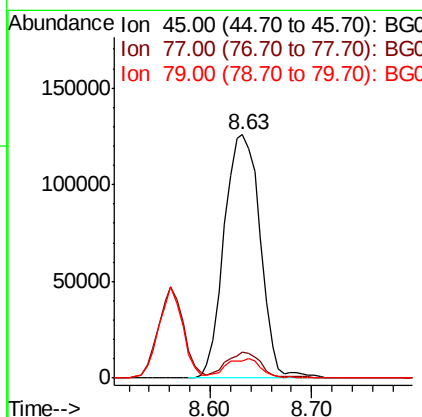
Manual Integrations
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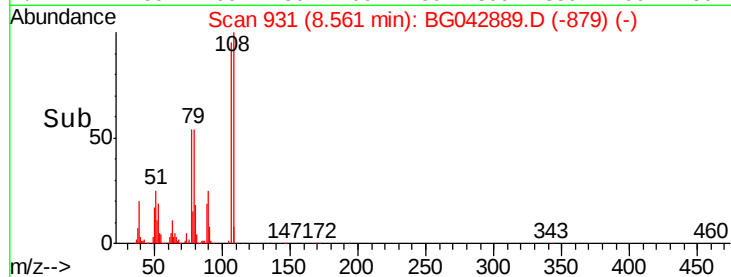
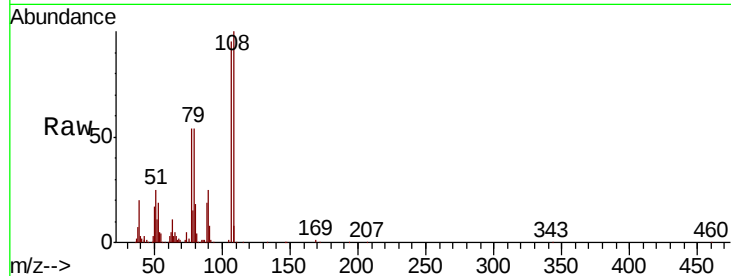
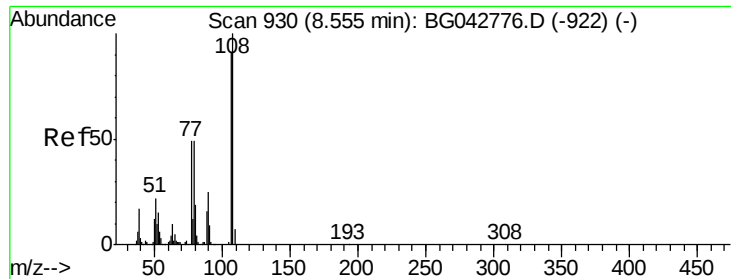
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.046 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	310186		
77	10.5	0.0	29.4	
79	7.2	0.0	28.4	





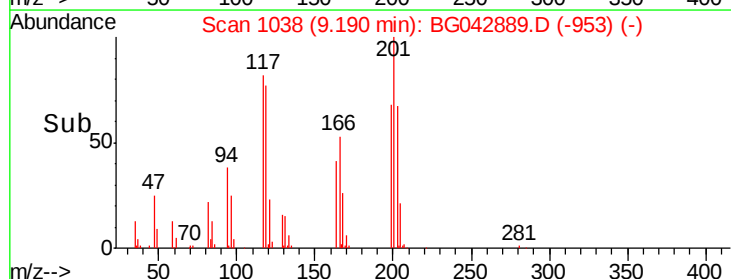
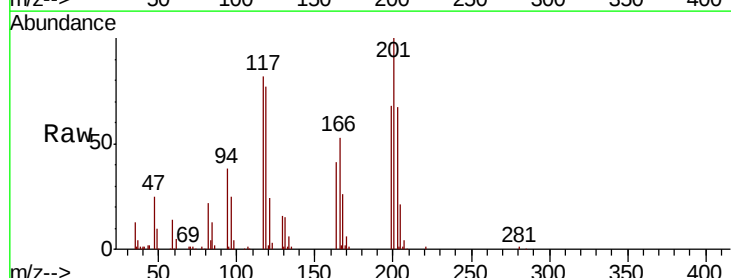
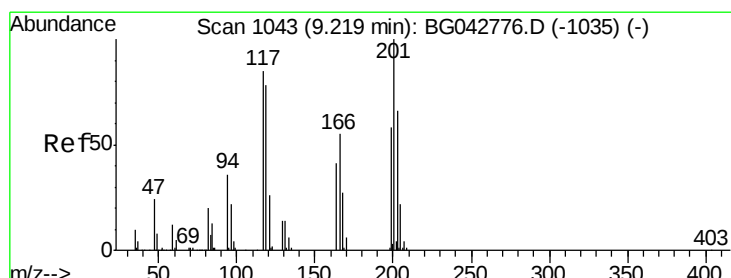
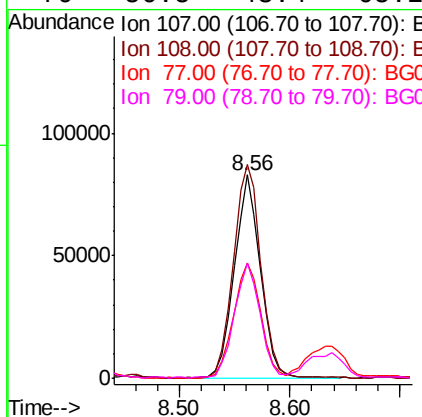
#17
2-Methylphenol
Concen: 41.391 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	105.0	87.7	131.5
77	56.9	42.6	64.0
79	56.5	43.4	65.2

Instrument :
BNA_G
ClientSampled :
SB-12MS

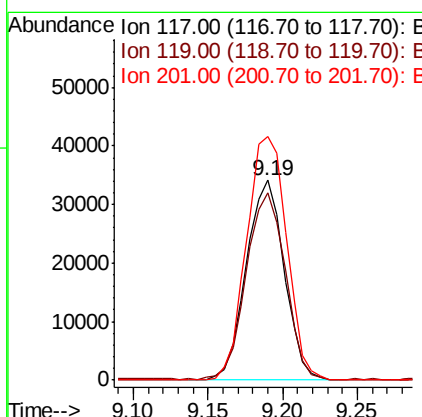
Manual Integrations
APPROVED

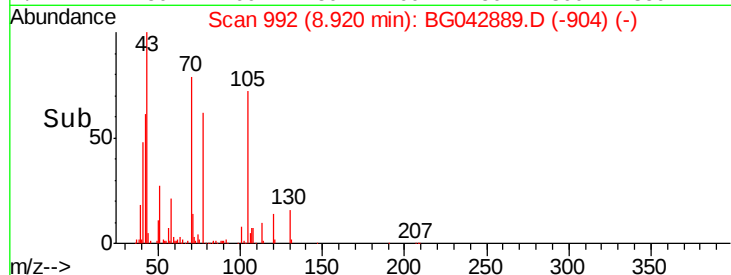
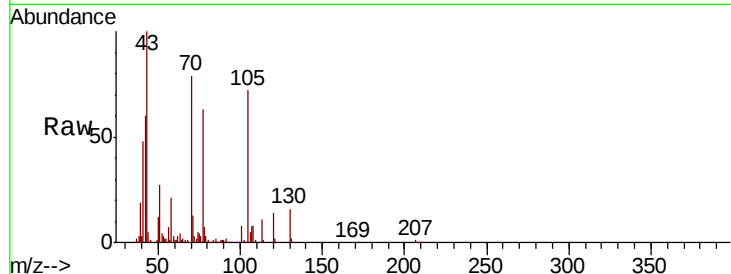
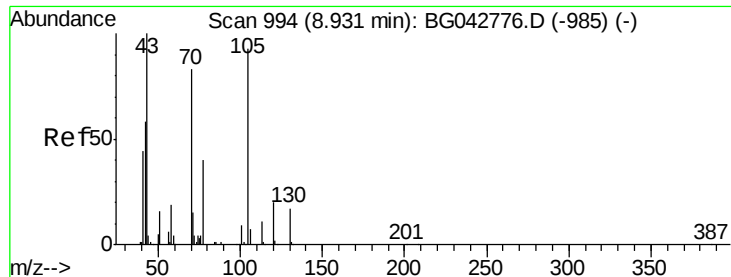
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#18
Hexachloroethane
Concen: 36.546 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	93.5	73.8	110.8
201	121.8	94.6	142.0





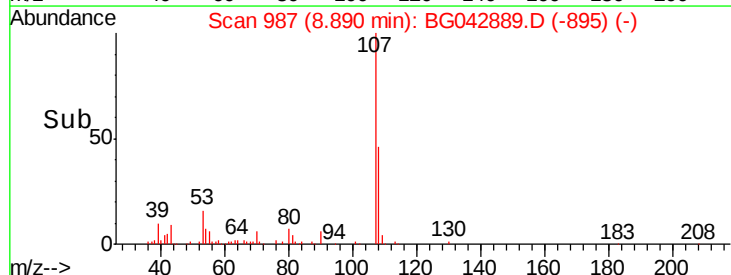
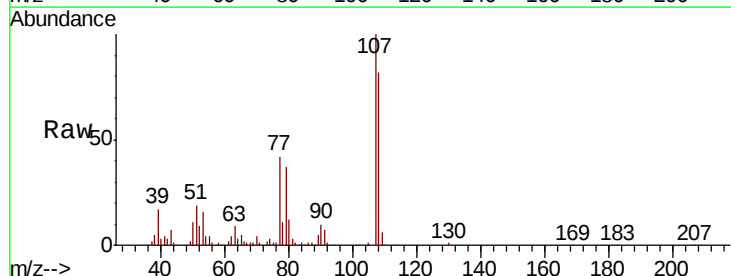
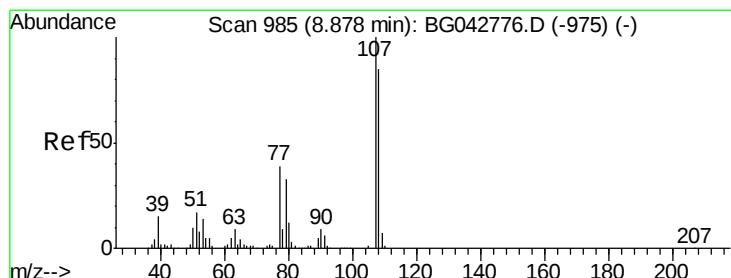
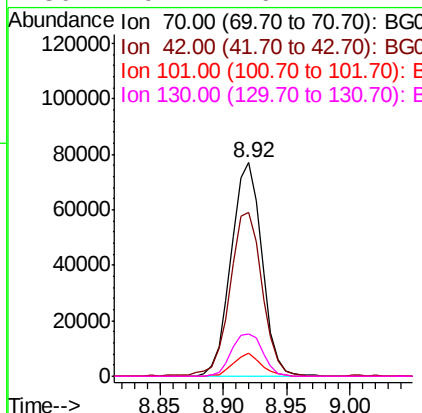
#19
n-Nitroso-di-n-propylamine
Concen: 36.297 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.8	57.0	85.6
101	10.7	8.4	12.6
130	19.7	16.1	24.1

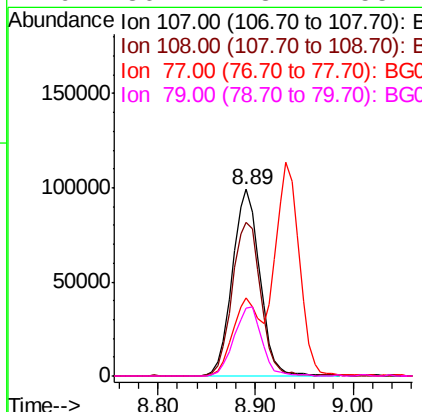
Manual Integrations
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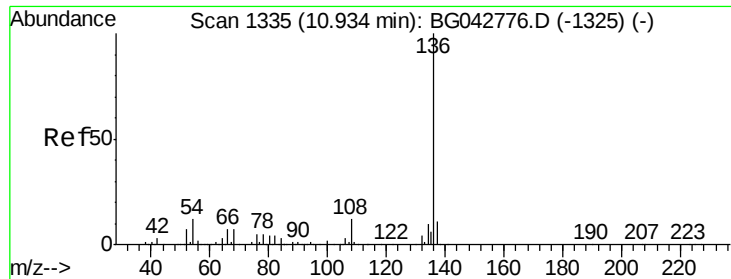
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#20
3+4-Methylphenols
Concen: 42.386 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.3	65.4	105.4
77	41.7	18.7	58.7
79	36.7	13.7	53.7





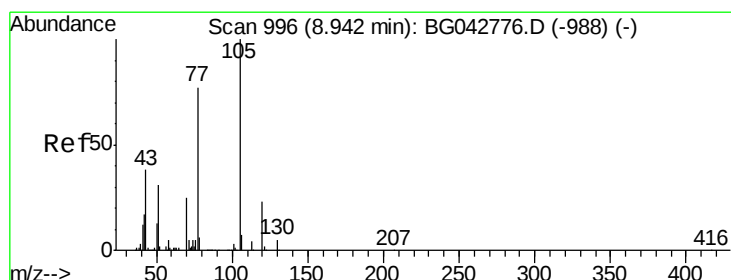
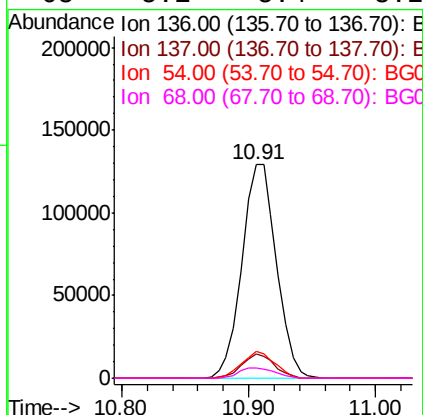
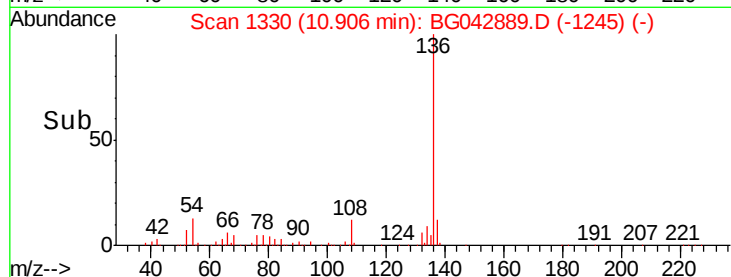
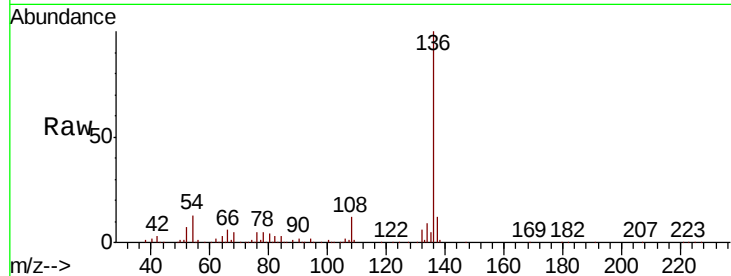
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244188		
137	11.5	9.0	13.6	
54	12.7	9.4	14.0	
68	5.1	5.4	8.2	

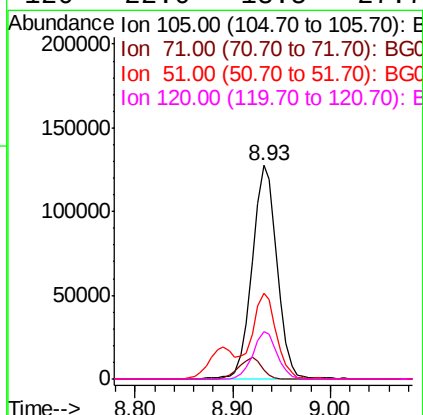
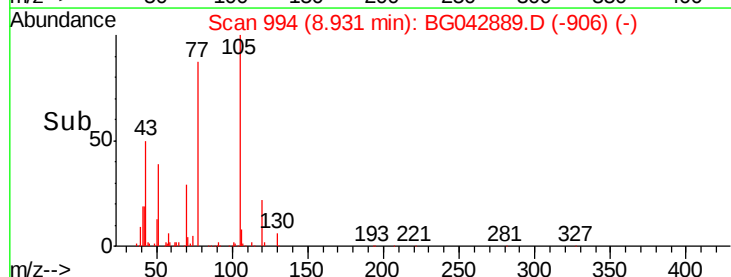
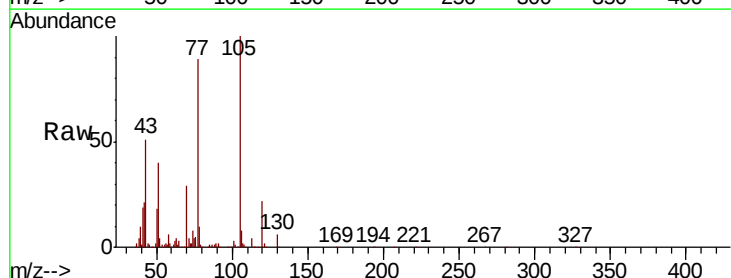
Manual Integrations
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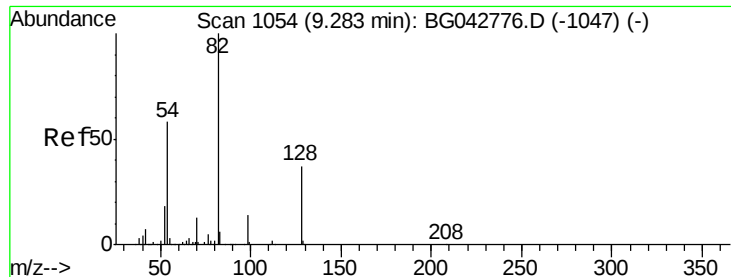
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#22
Acetophenone
Concen: 37.125 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228949		
71	4.0	3.7	5.5	
51	40.3	28.8	43.2	
120	22.0	18.5	27.7	





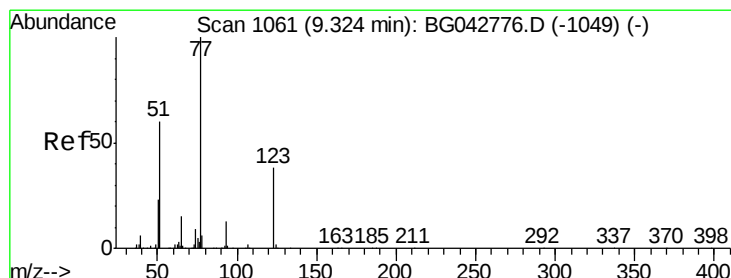
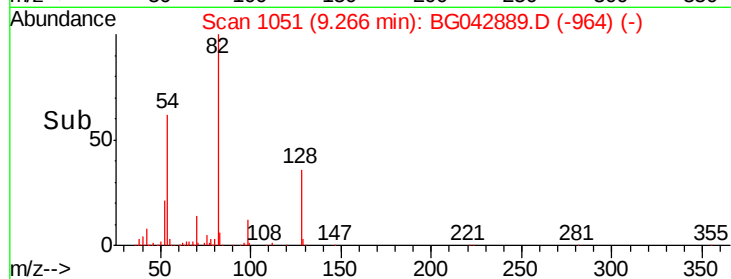
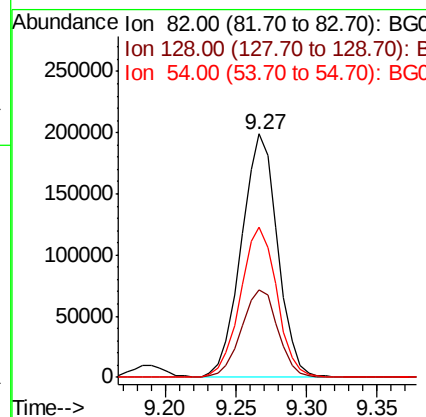
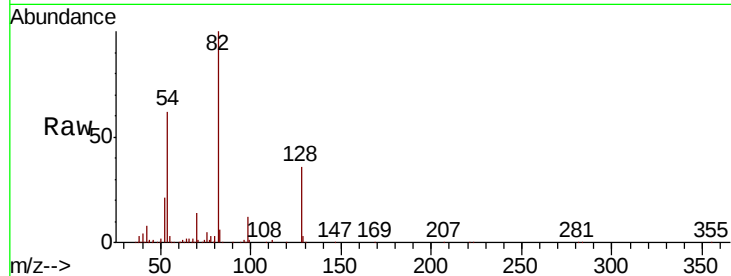
#23
 Nitrobenzene-d5
 Concen: 75.860 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampled :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	29.8	44.8	
54	61.8	46.1	69.1	

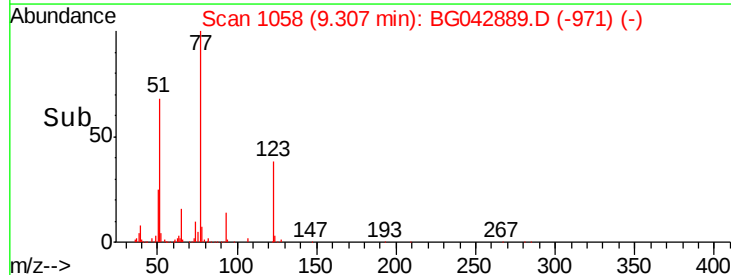
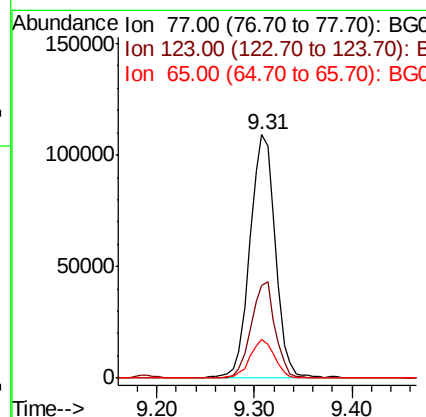
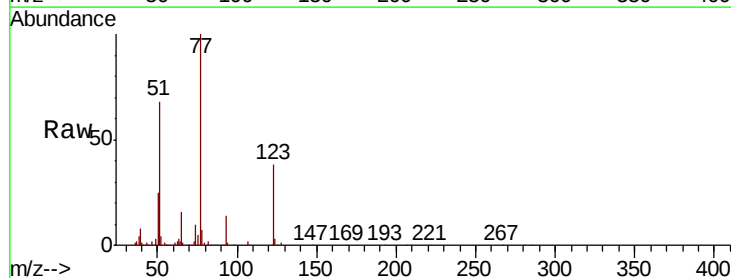
Manual Integrations
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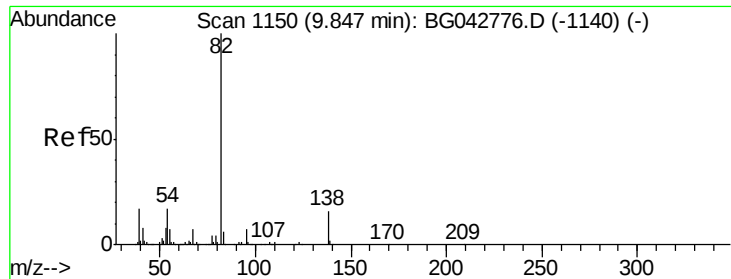
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#24
 Nitrobenzene
 Concen: 40.588 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.0	30.7	46.1	
65	16.1	12.2	18.4	





#25

Isophorone

Concen: 37.254 ng

RT: 9.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

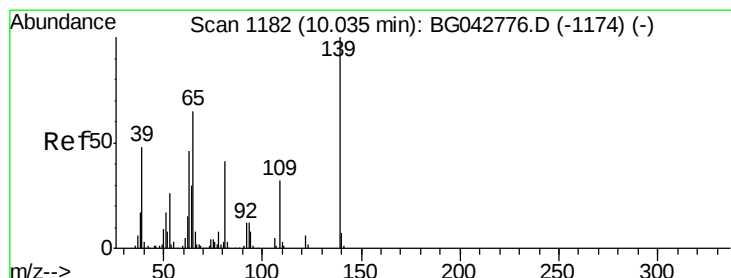
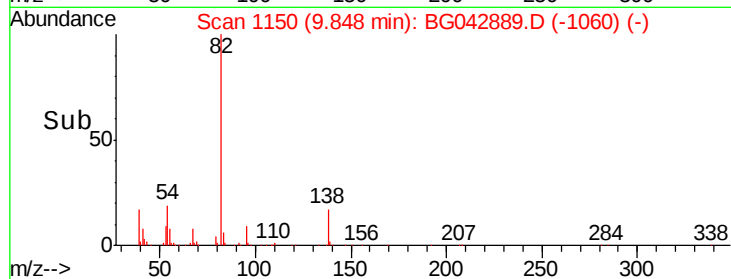
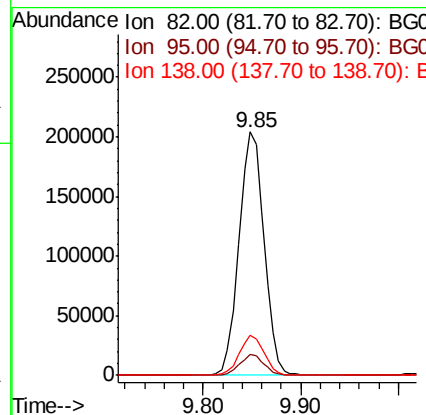
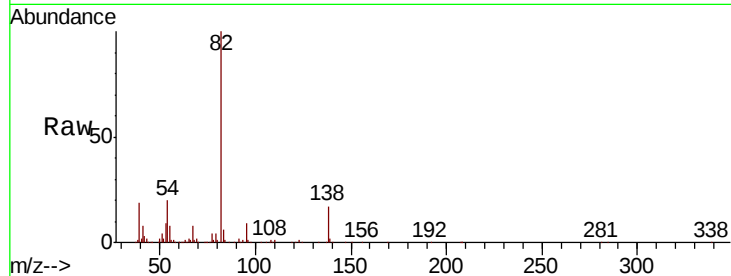
ClientSampled :

SB-12MS

Tot Ion	82	Resp	364214
Ion Ratio	Lower	Upper	
82	100		
95	8.7	5.8	8.8
138	16.7	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.648 ng

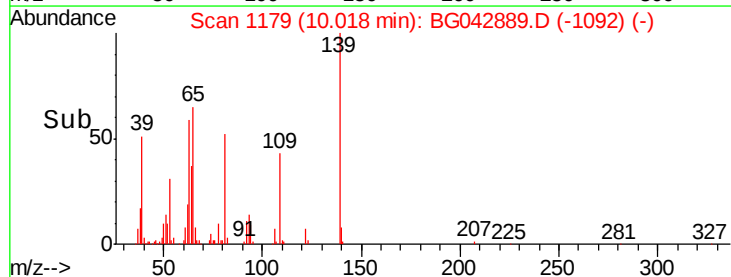
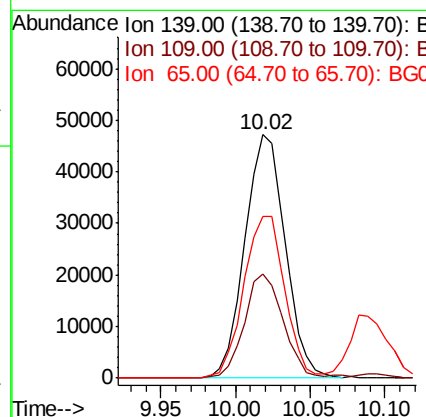
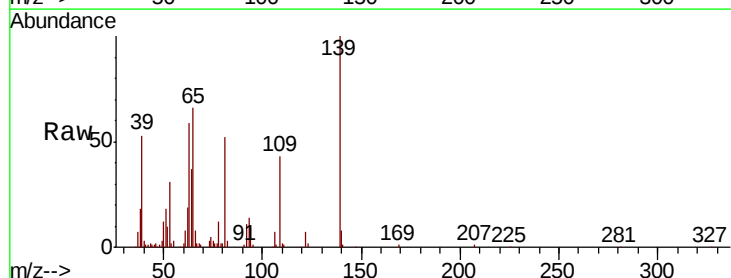
RT: 10.02 min Scan# 1179

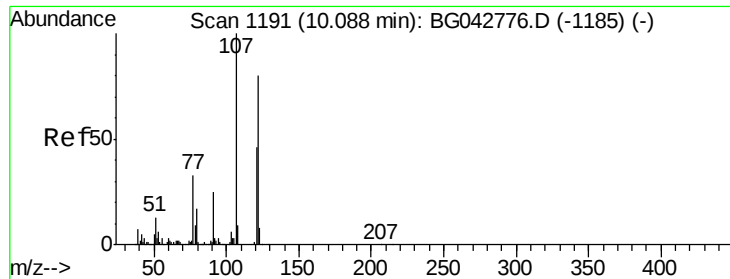
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion	139	Resp	88370
Ion Ratio	Lower	Upper	
139	100		
109	42.9	25.8	38.8#
65	66.3	52.2	78.2





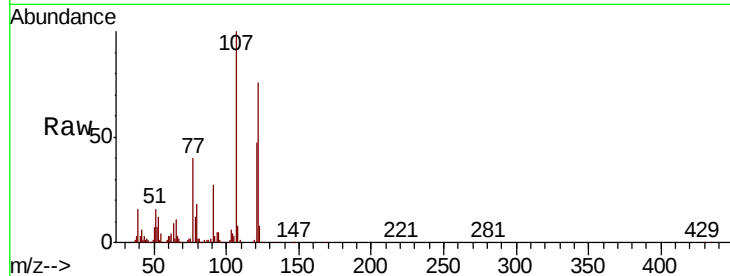
#27
2,4-Dimethylphenol
Concen: 42.819 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	146634		
107	132.0	98.9	148.3	
121	62.1	46.2	69.2	

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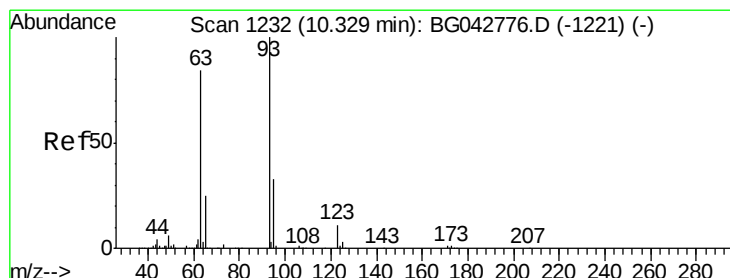
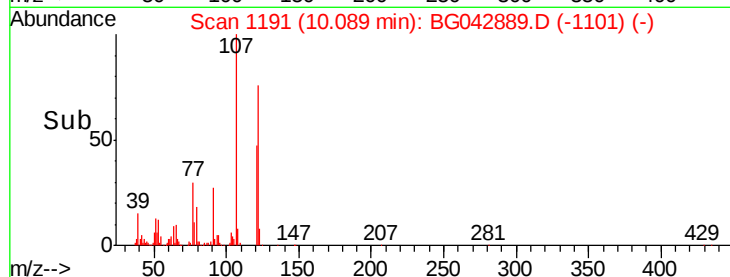
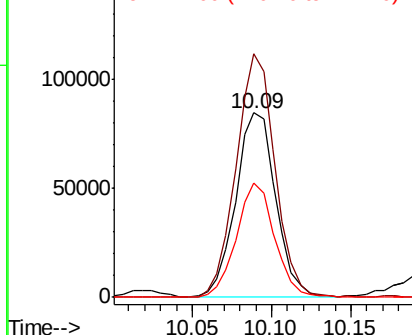


Abundance

Ion 122.00 (121.70 to 122.70): E

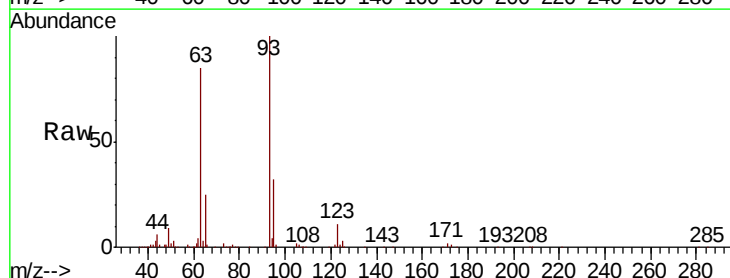
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 35.947 ng
RT: 10.31 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195987		
95	32.1	26.6	40.0	
123	10.8	9.0	13.6	

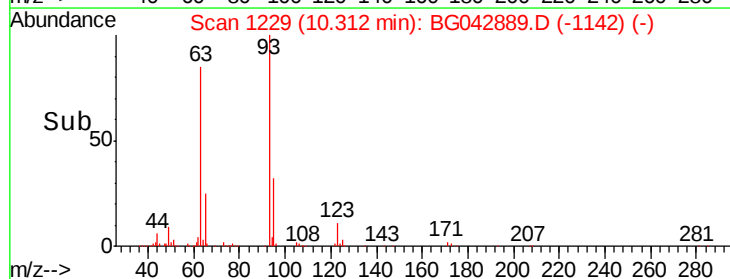
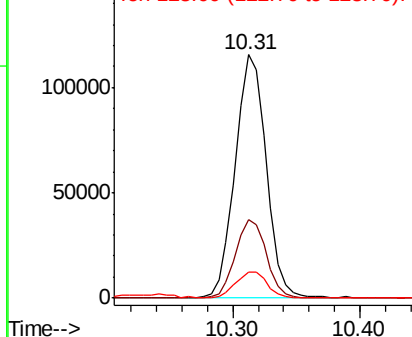


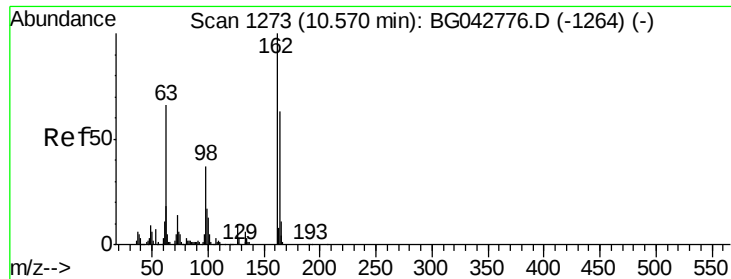
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





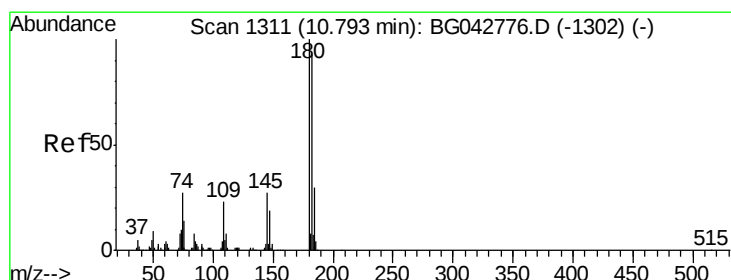
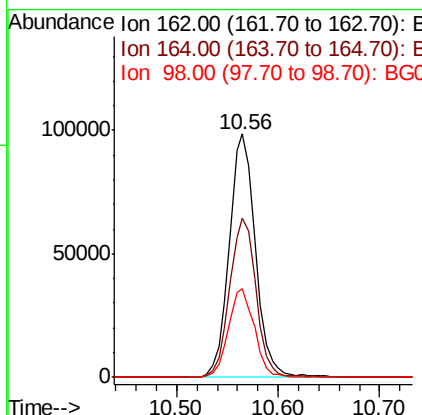
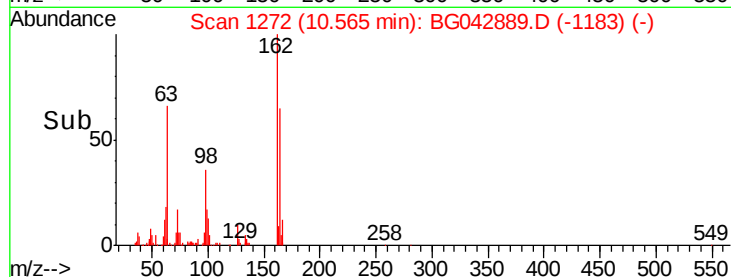
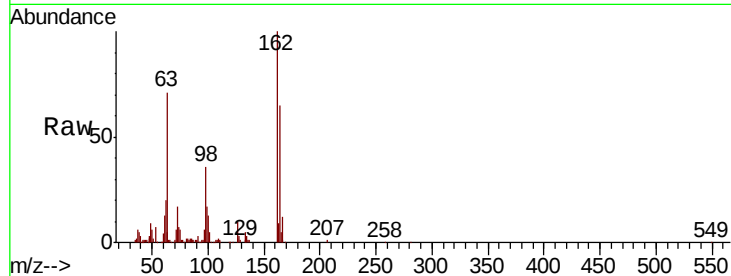
#29
2,4-Dichlorophenol
Concen: 44.313 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	43.4	83.4
98	36.3	17.0	57.0

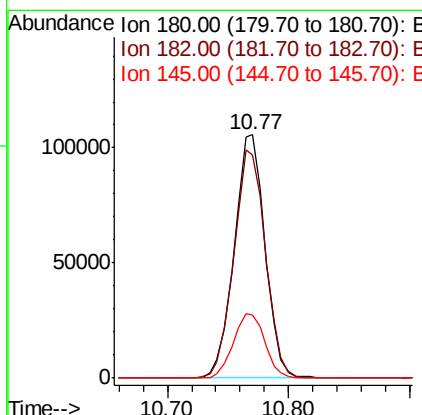
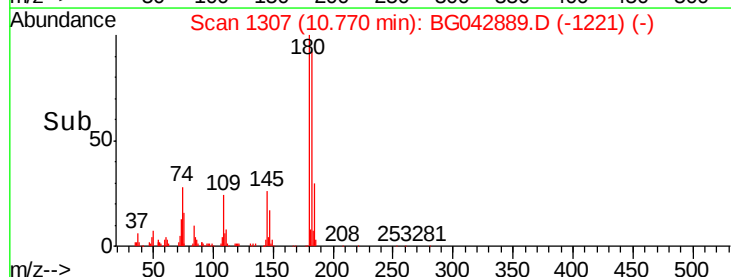
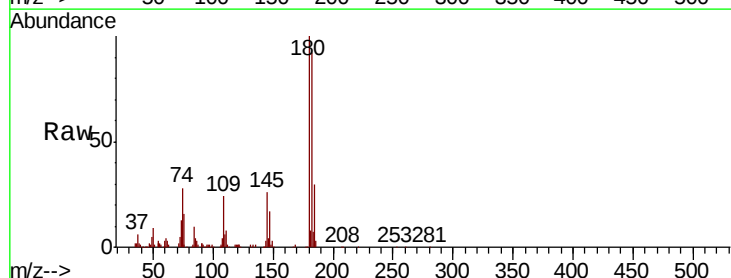
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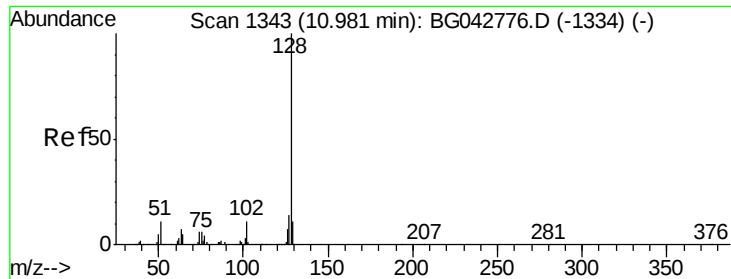
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#30
1,2,4-Trichlorobenzene
Concen: 38.707 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.9	74.6	112.0
145	25.7	21.8	32.6





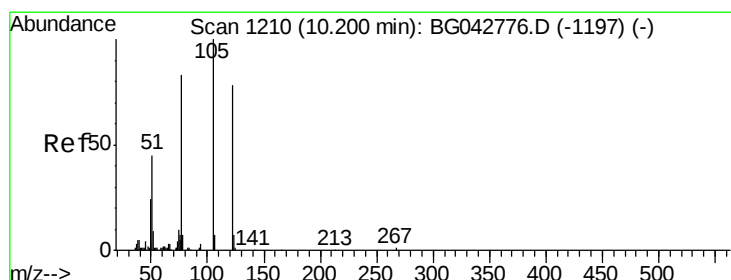
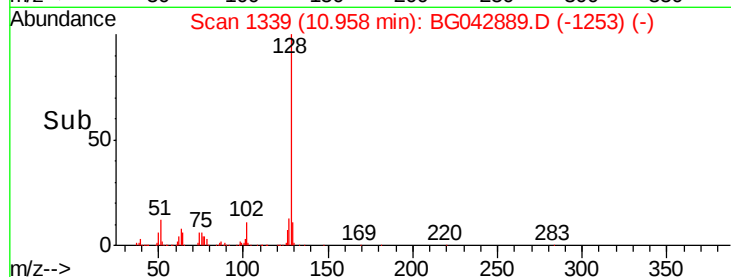
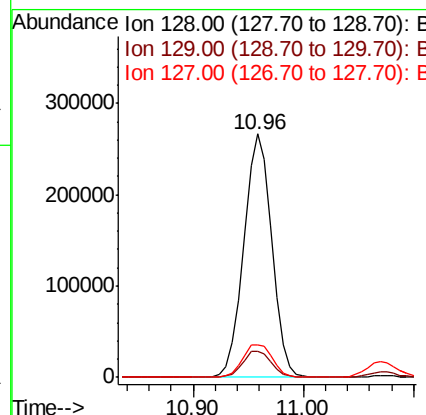
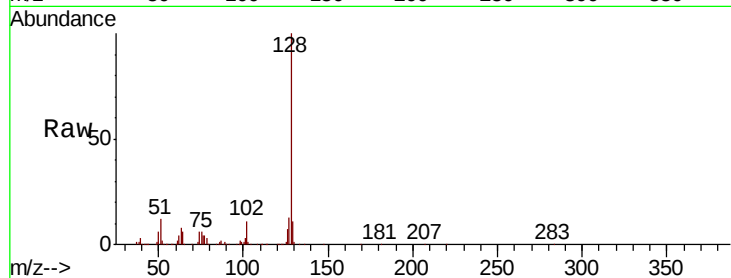
#31
Naphthalene
Concen: 39.361 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.0	13.6	
127	13.3	11.4	17.2	

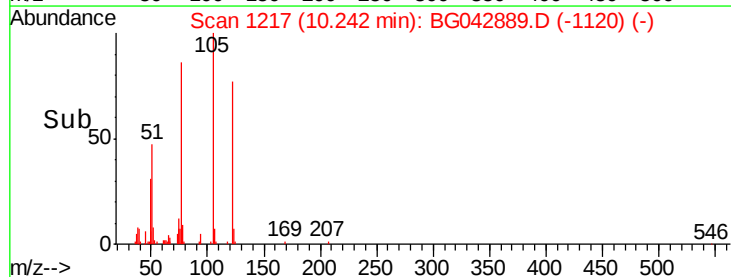
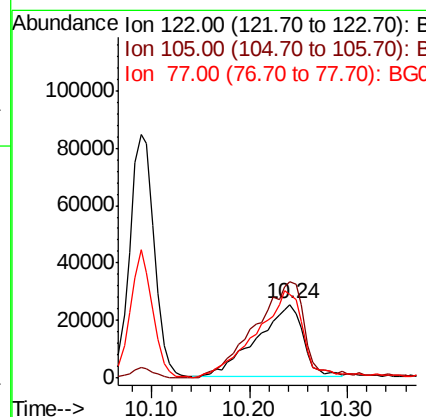
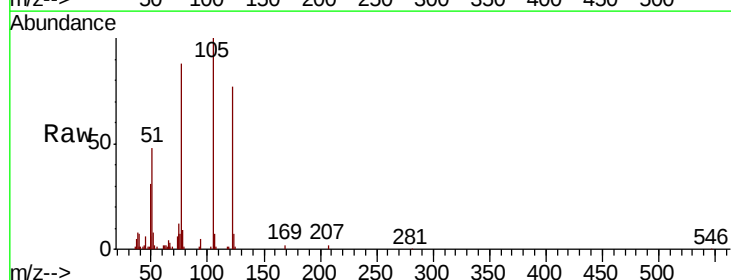
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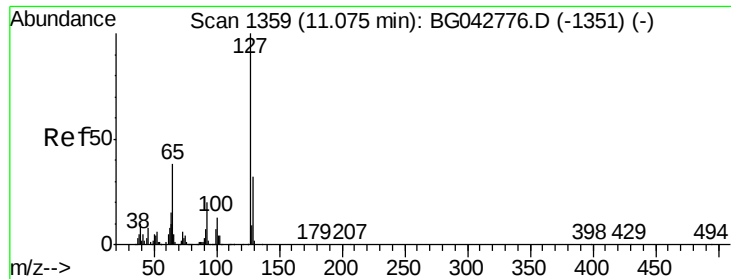
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#32
Benzoic acid
Concen: 32.605 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.1	104.0	144.0	
77	114.0	84.2	124.2	





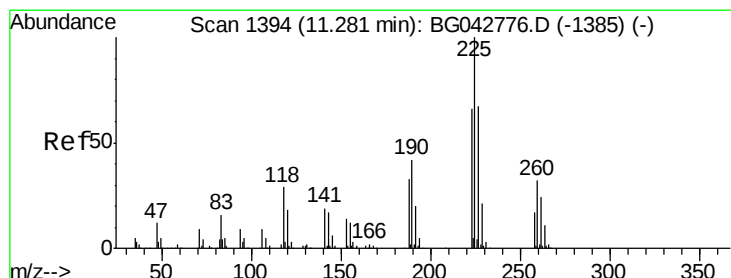
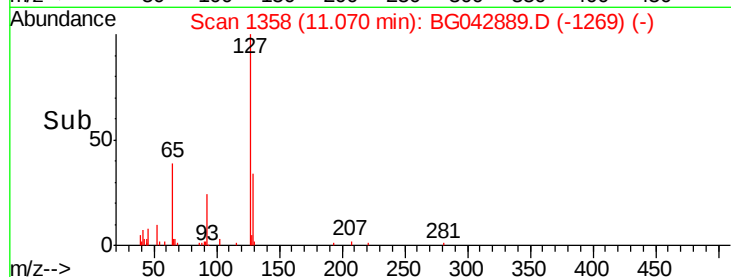
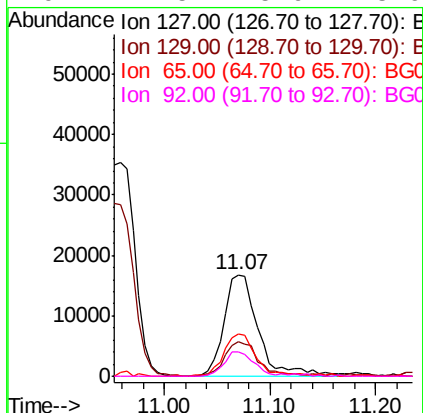
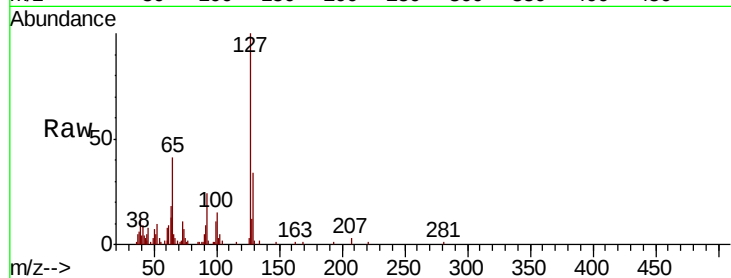
#33
4-Chloroaniline
Concen: 6.690 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.6
65	41.2	30.5	45.7
92	24.5	15.9	23.9

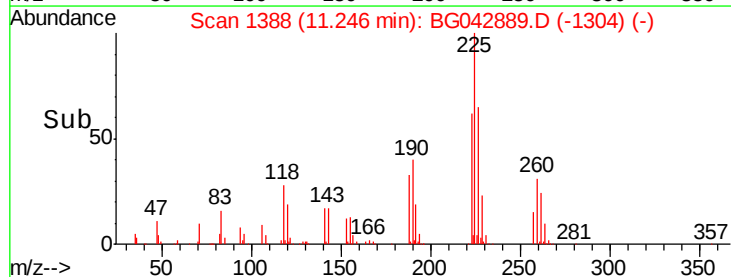
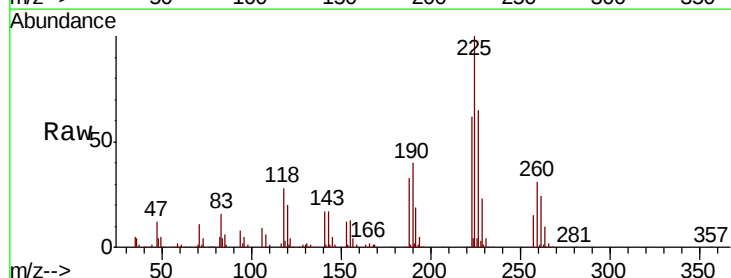
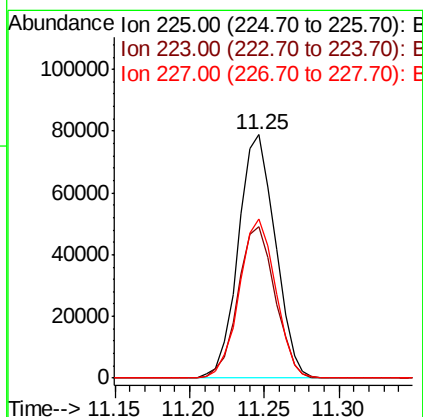
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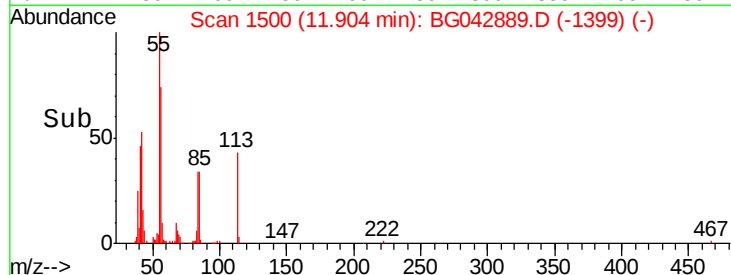
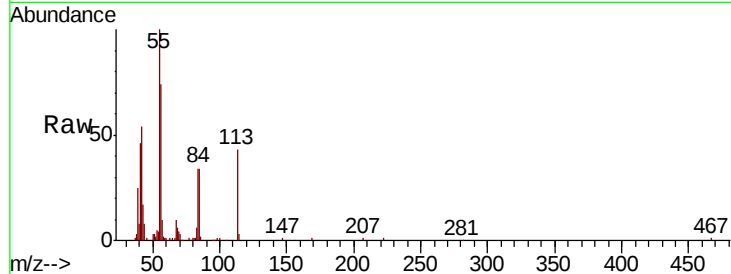
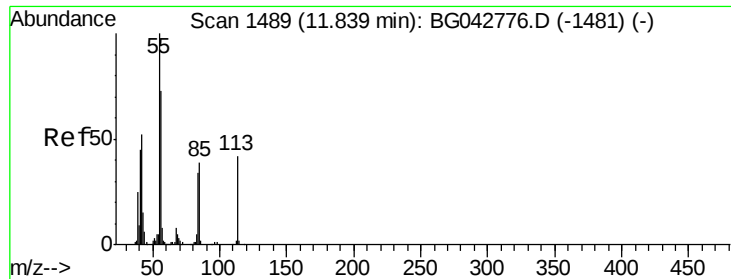
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#34
Hexachlorobutadiene
Concen: 39.755 ng
RT: 11.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.6	79.0
227	65.3	53.6	80.4





#35

Caprolactam

Concen: 39.629 ng/ml

RT: 11.90 min Scan# 1500

Delta R.T. 0.07 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

SB-12MS

Tot Ion:113 Resp: 58644

Ion Ratio Lower Upper

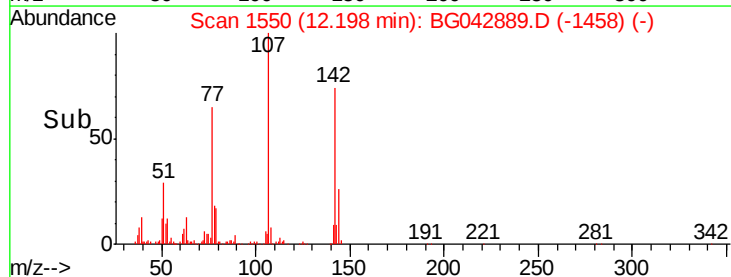
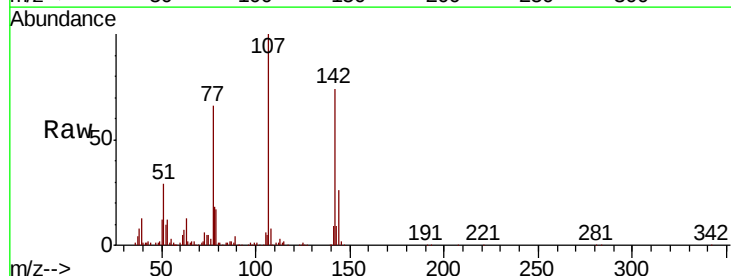
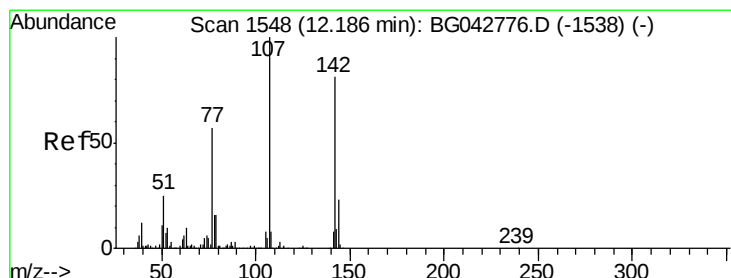
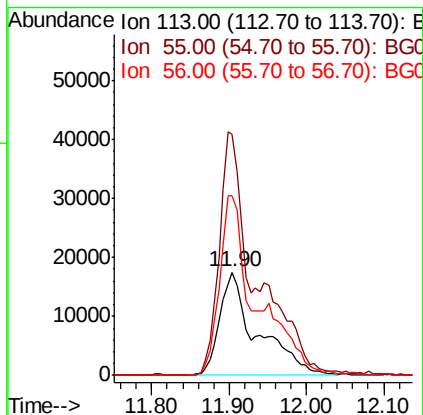
113 100

55 233.7 218.4 258.4

56 173.8 154.8 194.8

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#36

4-Chloro-3-methylphenol

Concen: 44.325 ng/ml

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

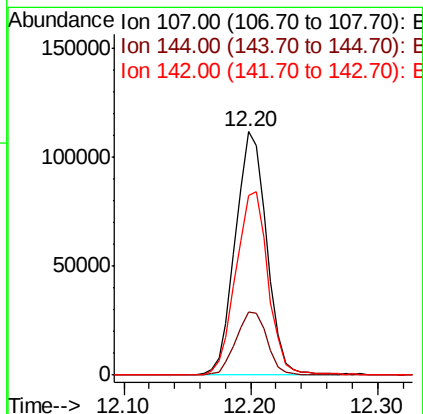
Tgt Ion:107 Resp: 191519

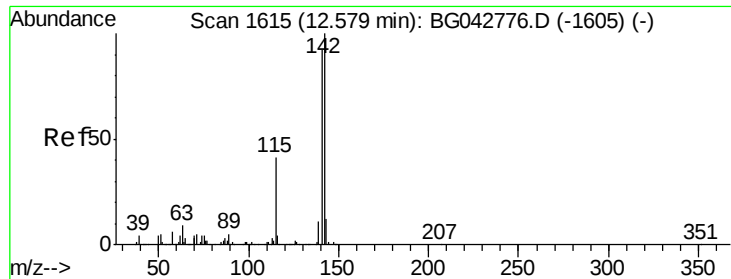
Ion Ratio Lower Upper

107 100

144 26.1 18.7 28.1

142 73.7 65.0 97.4





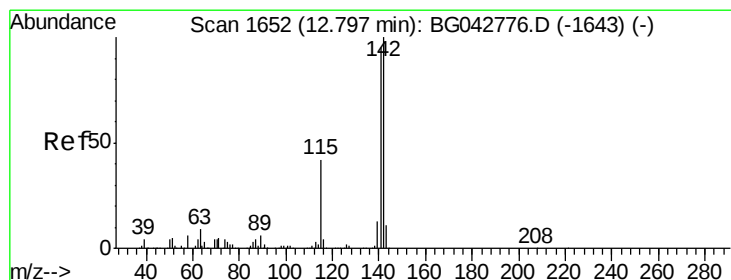
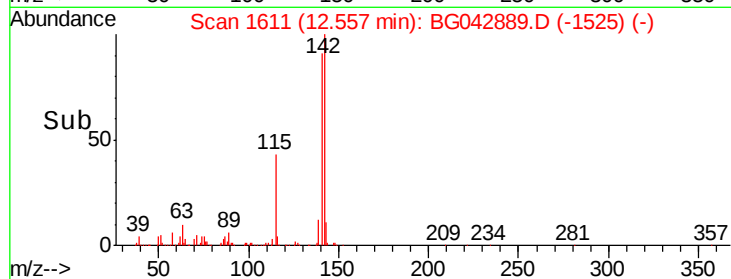
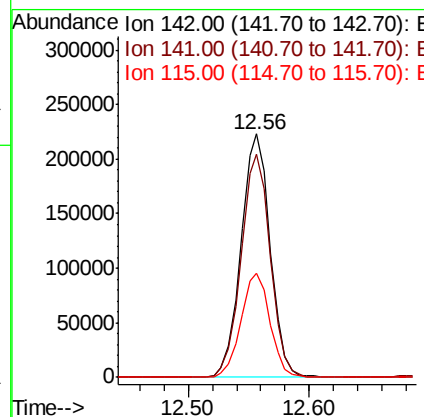
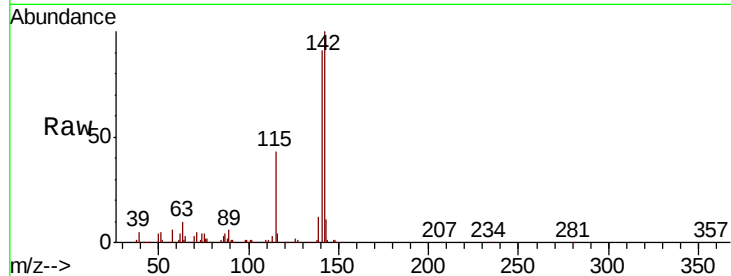
#37
2-Methylnaphthalene
Concen: 41.386 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.8
115	42.8	33.0	49.4

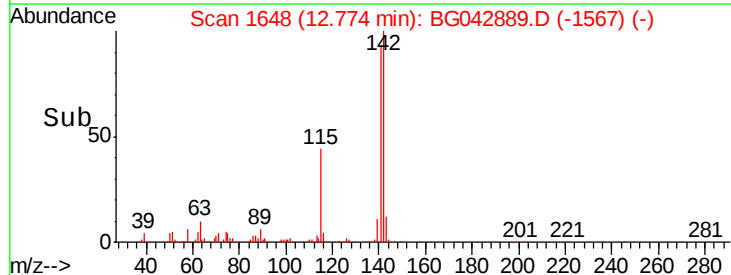
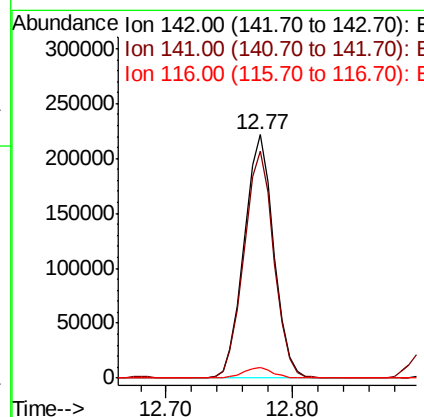
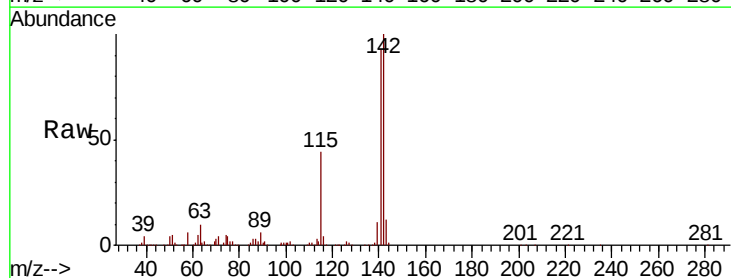
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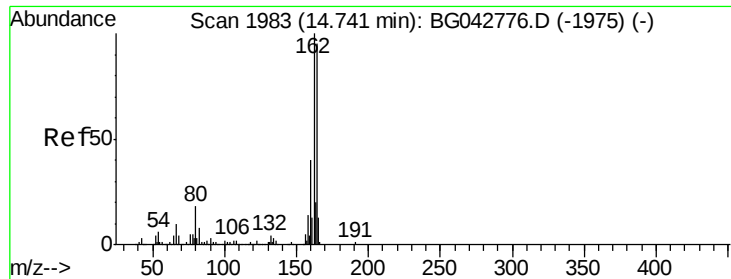
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#38
1-Methylnaphthalene
Concen: 42.319 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.3	114.5
116	4.3	3.4	5.0





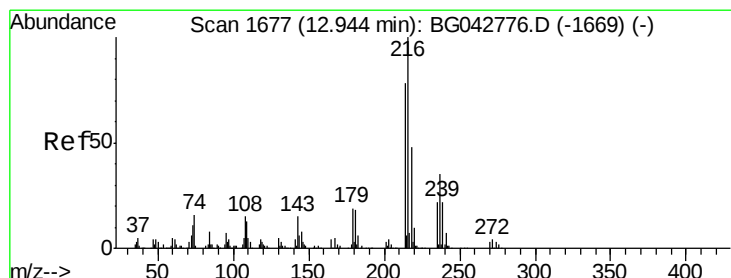
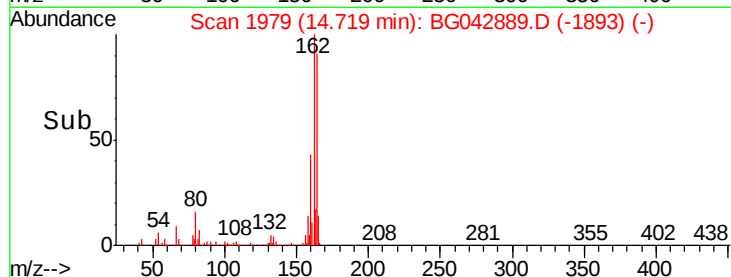
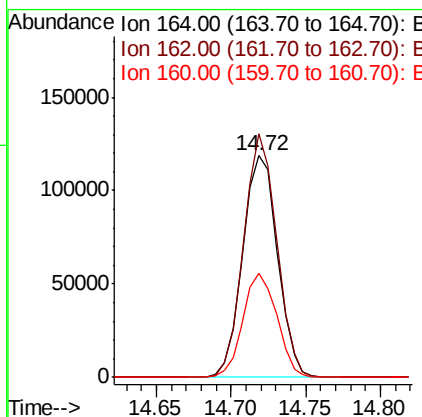
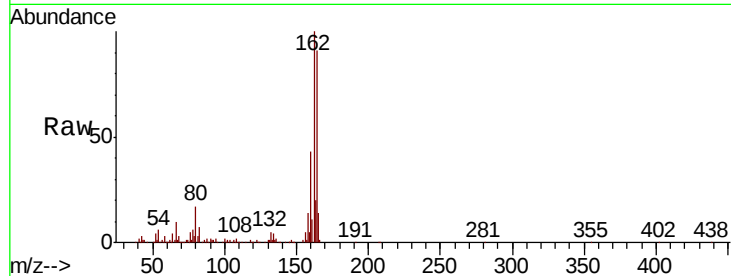
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	191893		
162	109.9	84.6	126.8	
160	47.0	34.2	51.2	

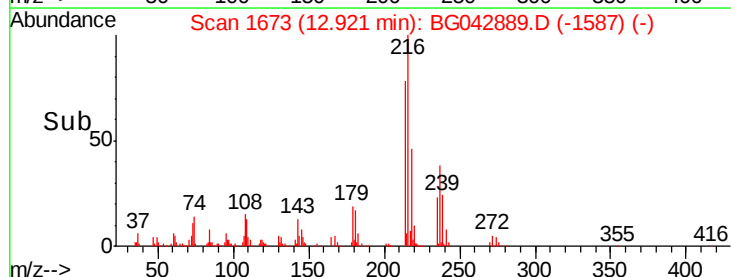
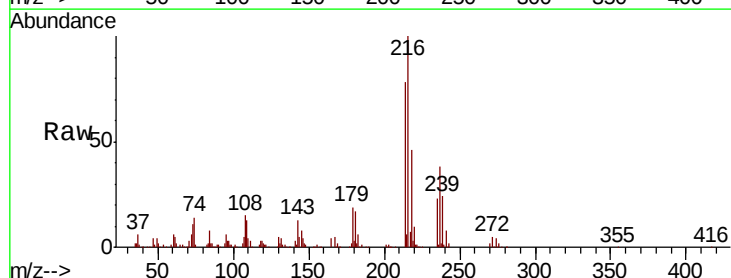
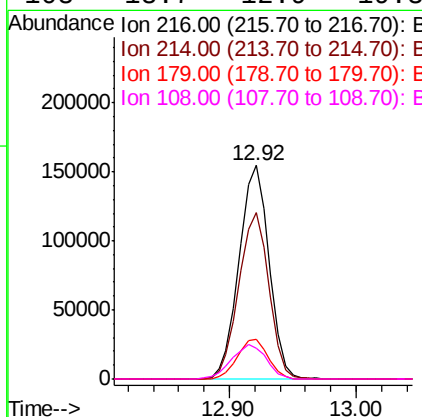
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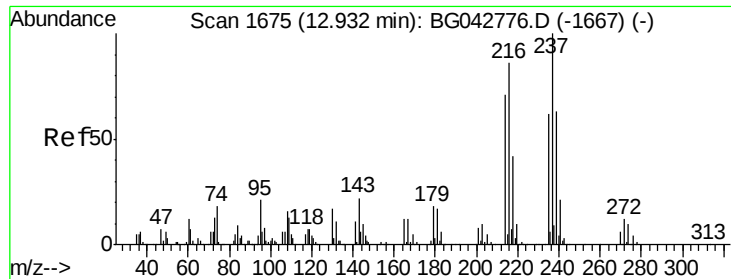
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.080 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	254149		
214	78.0	62.8	94.2	
179	19.0	15.3	22.9	
108	18.7	12.9	19.3	





#41

Hexachlorocyclopentadiene

Concen: 98.436 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

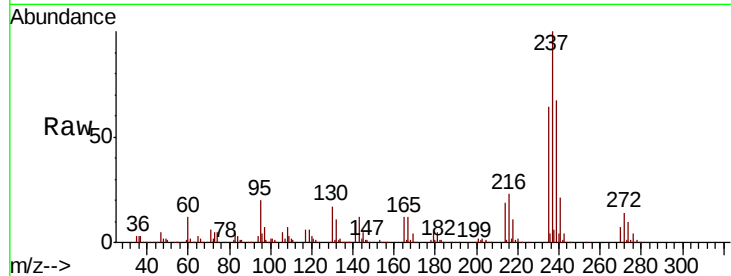
ClientSampleId :

SB-12MS

Tot Ion:	237	Resp:	357577
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.9	81.9
272	14.2	0.0	31.6

Manual Integrations
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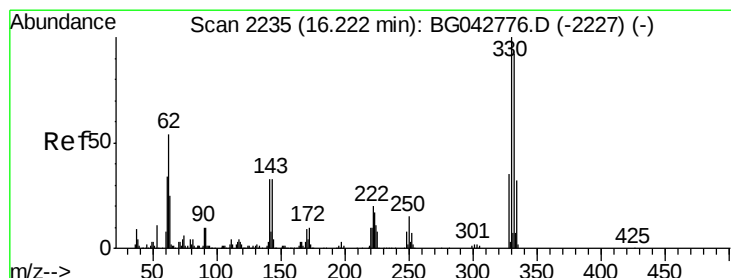
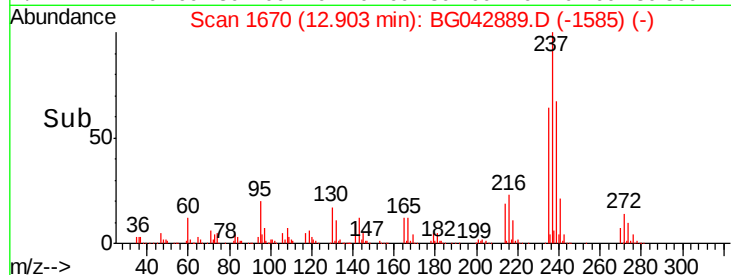
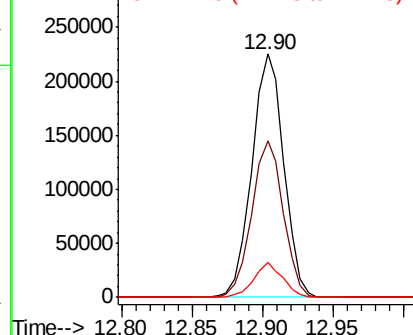


Abundance

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: 117.860 ng

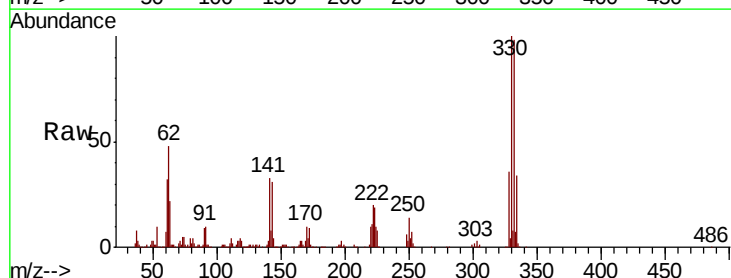
RT: 16.21 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	330	Resp:	300896
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.7	115.1
141	35.0	27.0	40.6

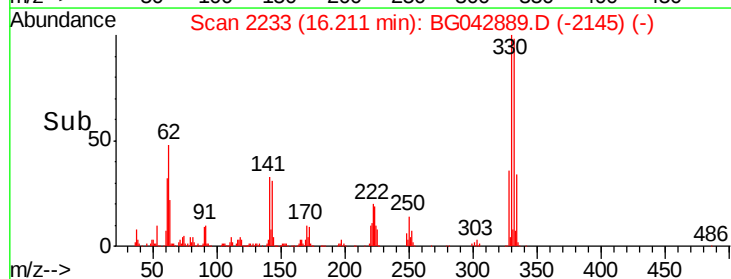
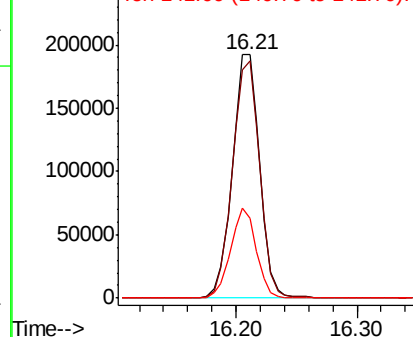


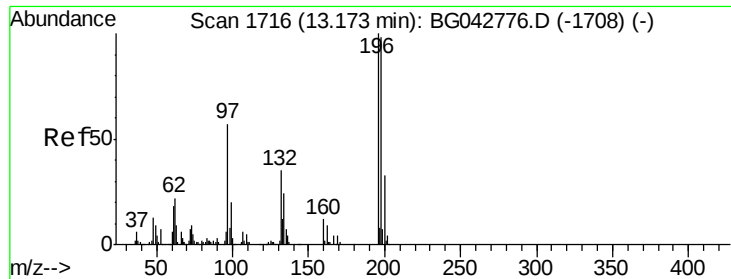
Abundance

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





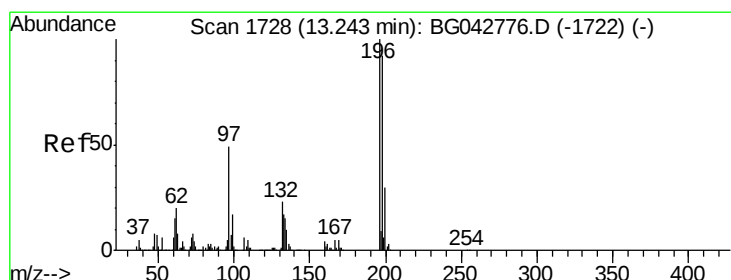
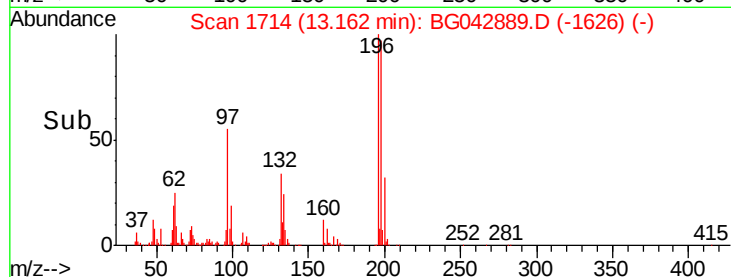
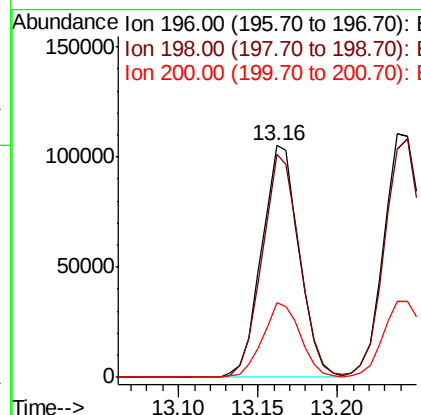
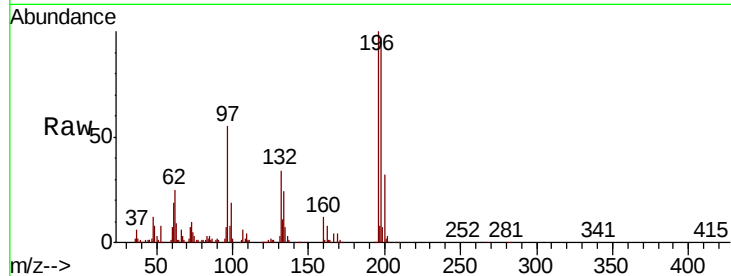
#43
 2,4,6-Trichlorophenol
 Concen: 40.992 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampled :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173050		
198	96.5	78.8	118.2	
200	32.3	26.2	39.4	

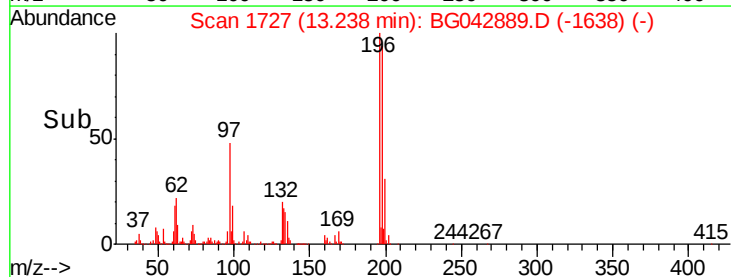
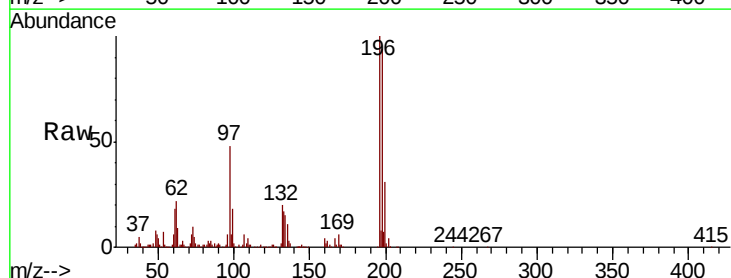
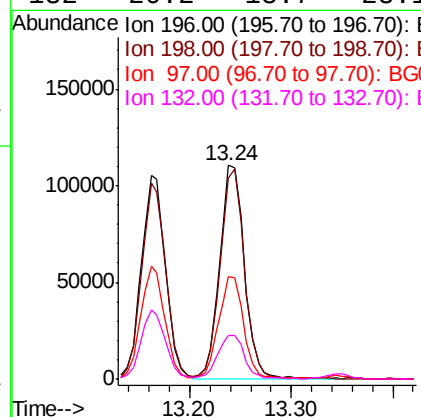
Manual Integrations
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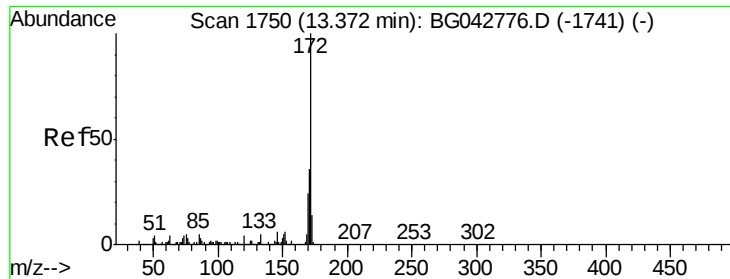
Jagrut
 9/19/2019 10:48:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.251 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187022		
198	93.9	73.4	110.0	
97	48.0	39.2	58.8	
132	20.2	18.7	28.1	





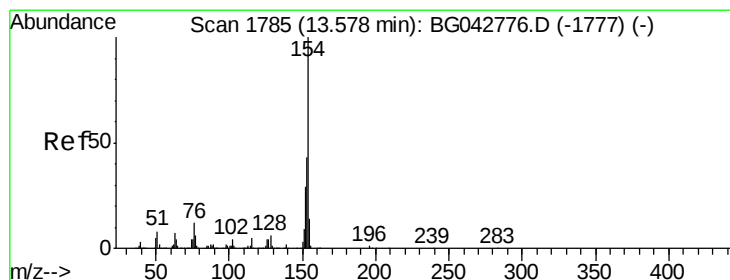
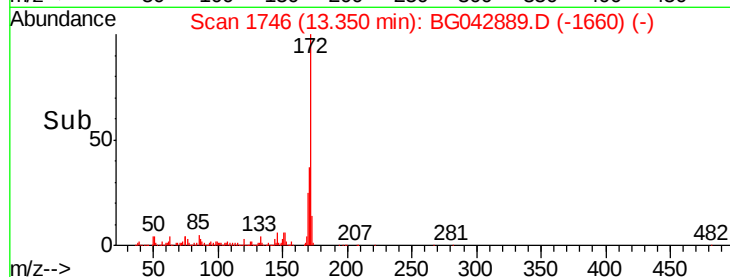
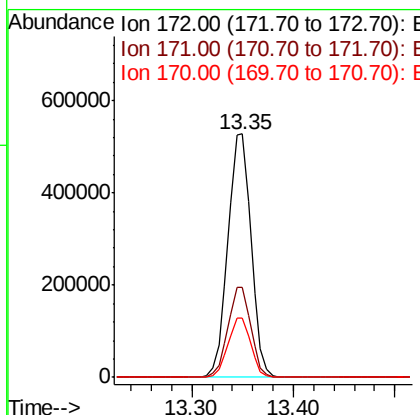
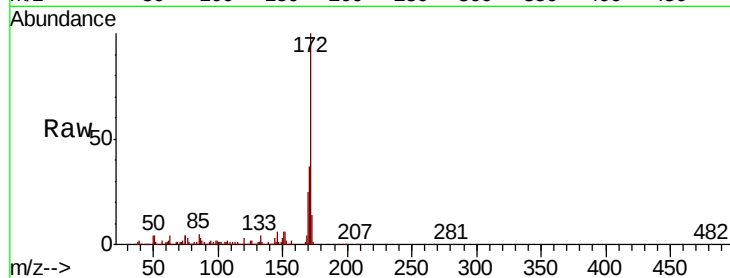
#45
2-Fluorobiphenyl
Concen: 69.256 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.5	19.1	28.7

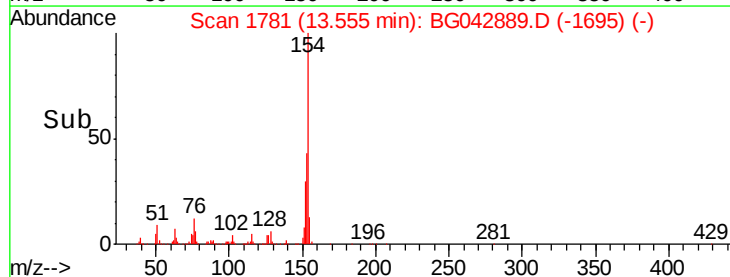
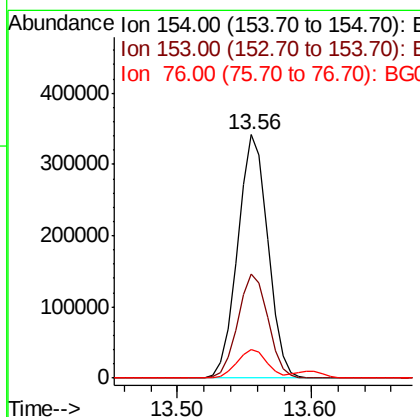
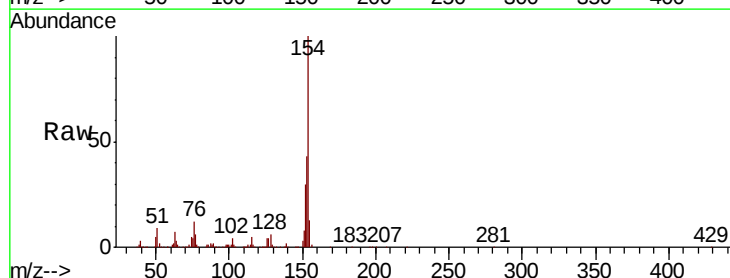
Manual Integrations
APPROVED

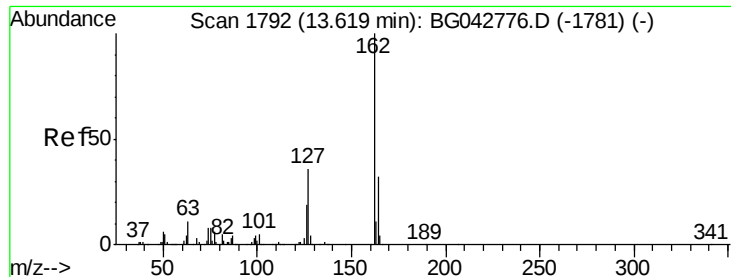
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#46
1,1'-Biphenyl
Concen: 39.693 ng
RT: 13.56 min Scan# 1781
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.6	62.6
76	11.9	0.0	32.2





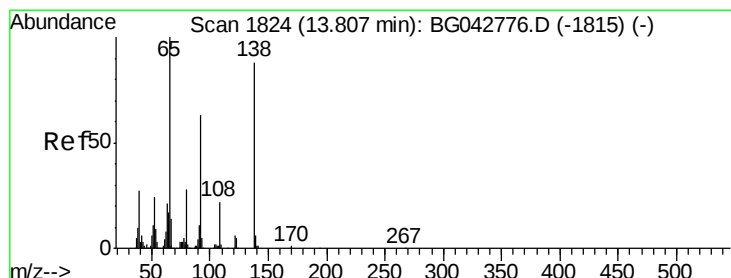
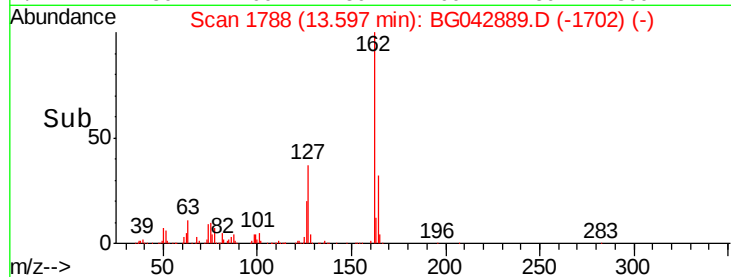
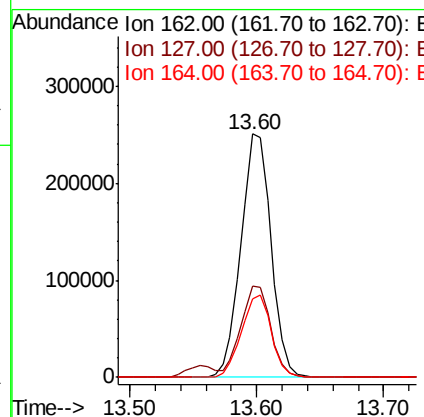
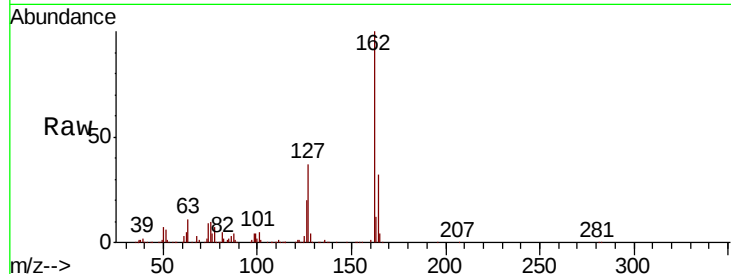
#47
2-Chloronaphthalene
Concen: 37.196 ng
RT: 13.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	413346		
127	37.5	29.3	43.9	
164	32.3	26.0	39.0	

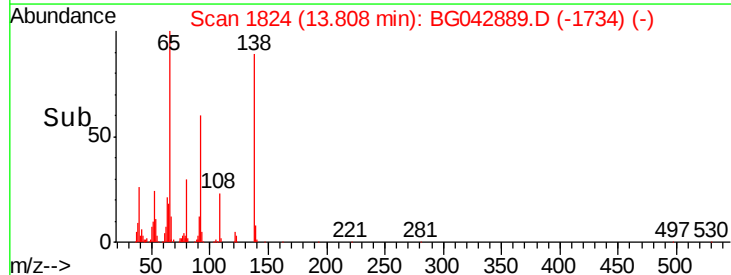
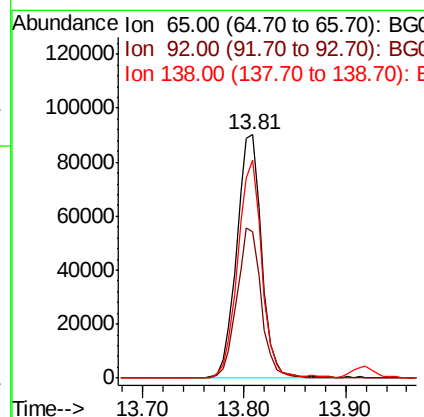
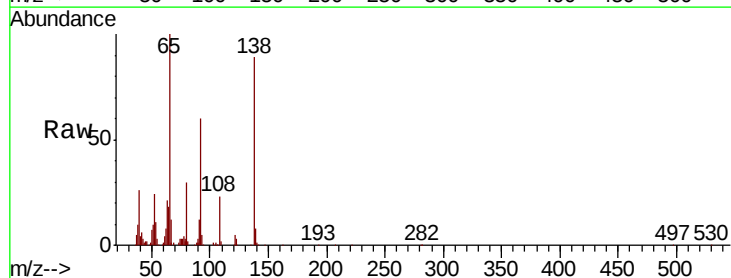
Manual Integrations
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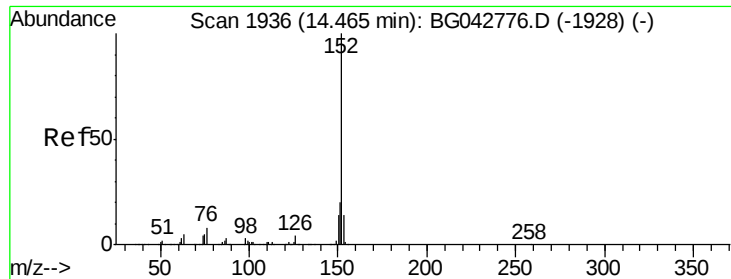
Jagrut
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#48
2-Nitroaniline
Concen: 40.011 ng
RT: 13.81 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	154242		
92	59.9	50.4	75.6	
138	89.3	70.6	106.0	





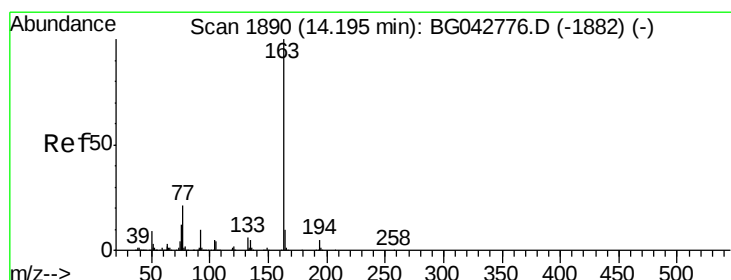
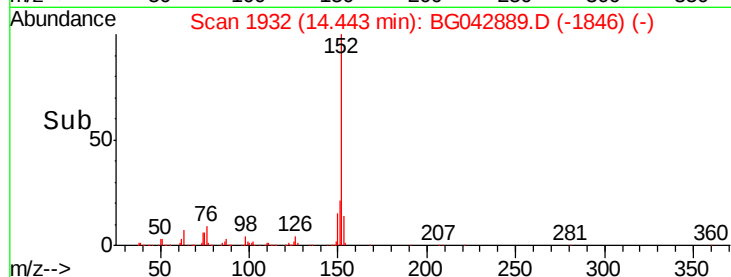
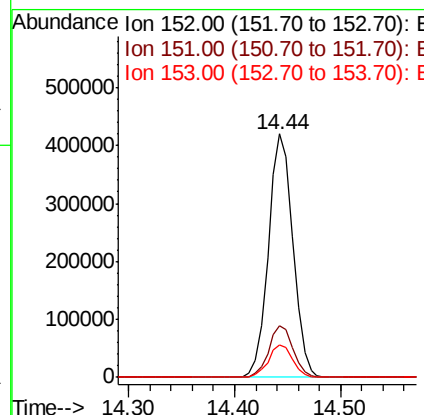
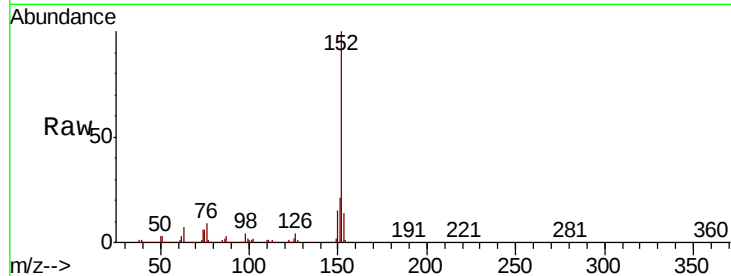
#49
Acenaphthylene
Concen: 39.726 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.0	24.0
153	13.5	11.4	17.0

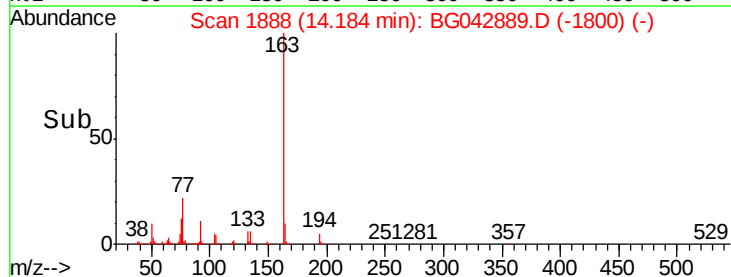
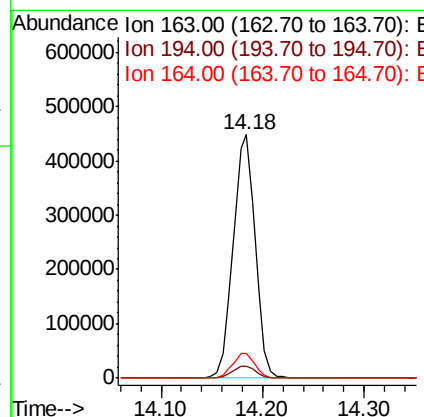
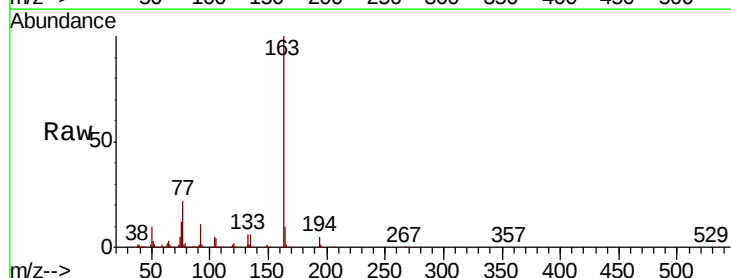
Manual Integrations
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#50
Dimethylphthalate
Concen: 46.812 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.4
164	10.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 43.805 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

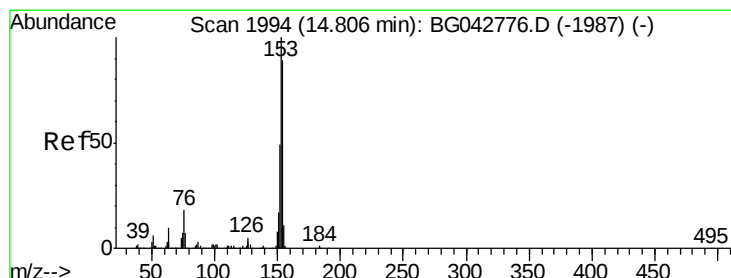
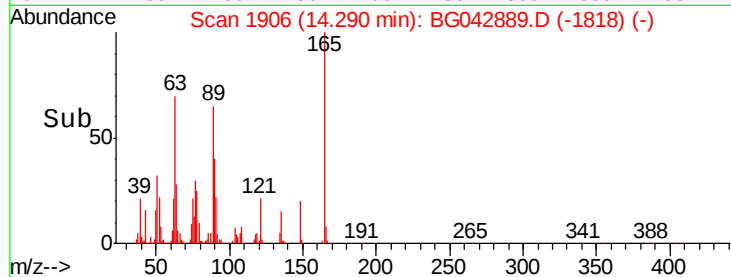
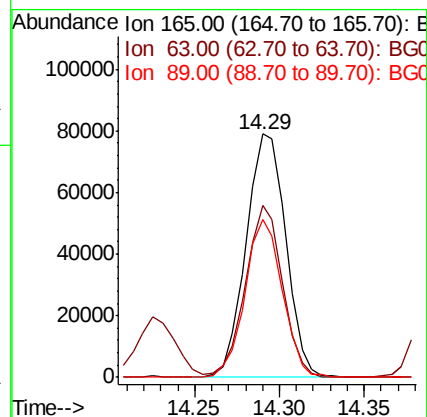
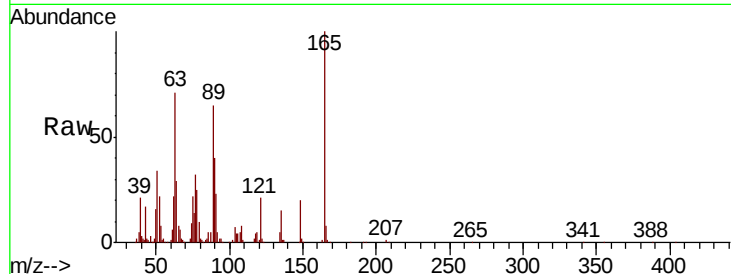
ClientSampled :

SB-12MS

Tot Ion:	165	Resp:	129210
Ion Ratio	Lower	Upper	
165	100		
63	70.5	52.1	78.1
89	64.7	51.7	77.5

Manual Integrations
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#52

Acenaphthene

Concen: 36.569 ng

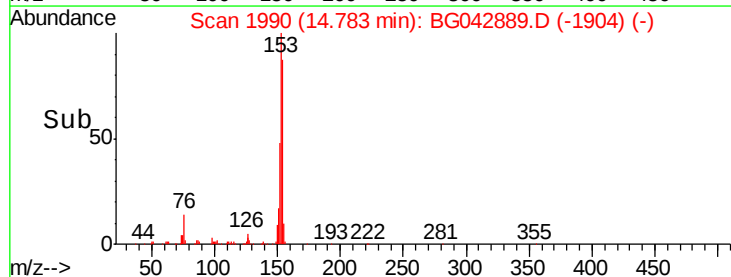
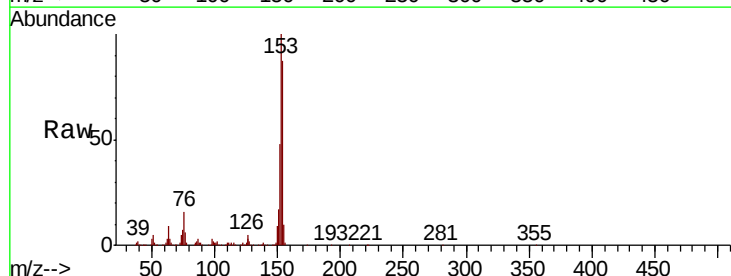
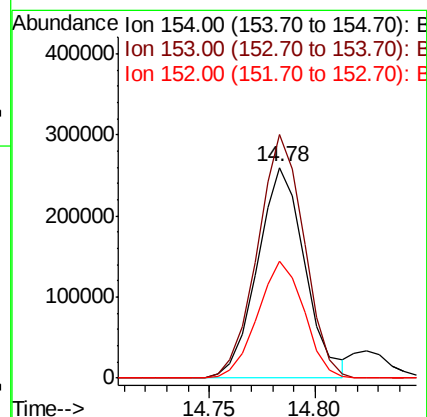
RT: 14.78 min Scan# 1990

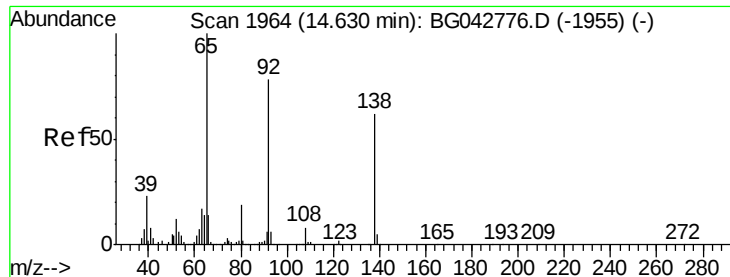
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	154	Resp:	405714
Ion Ratio	Lower	Upper	
154	100		
153	115.4	89.4	134.2
152	55.6	43.5	65.3





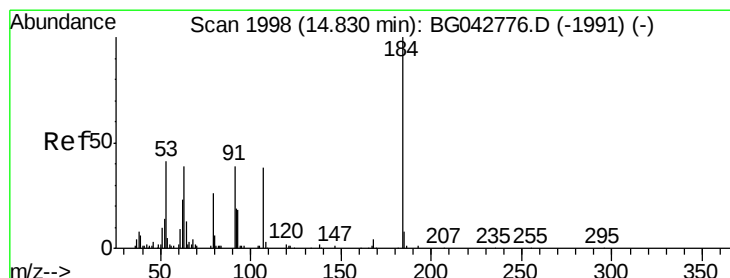
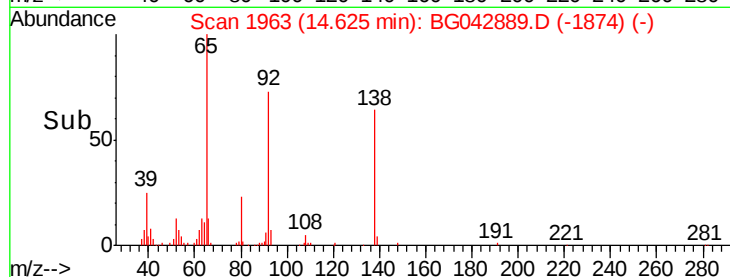
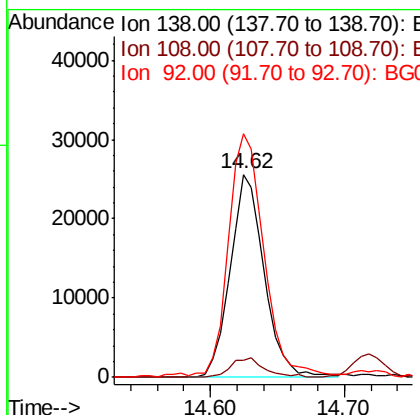
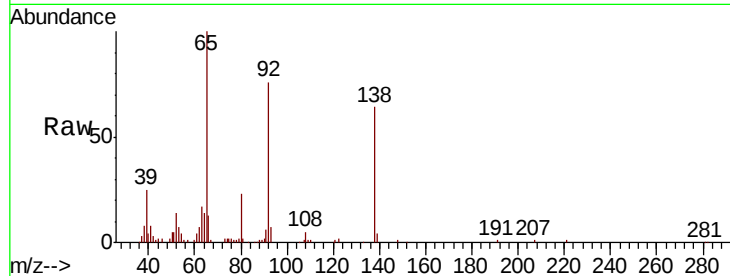
#53
3-Nitroaniline
Concen: 13.683 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.4	10.7	16.1#
92	119.9	100.5	150.7

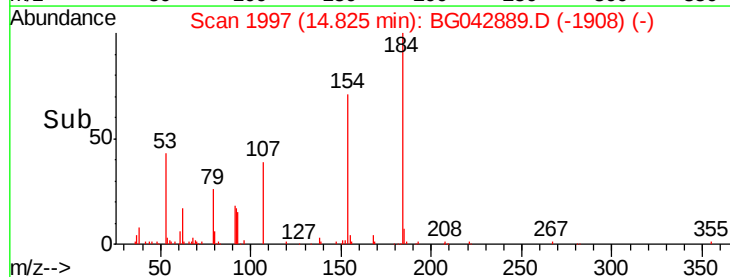
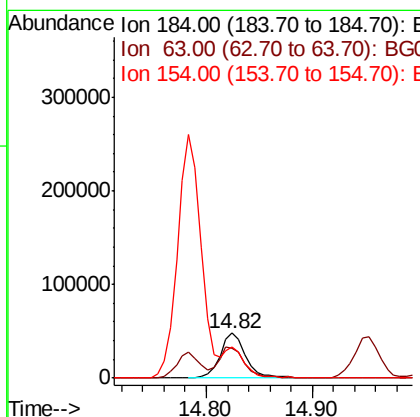
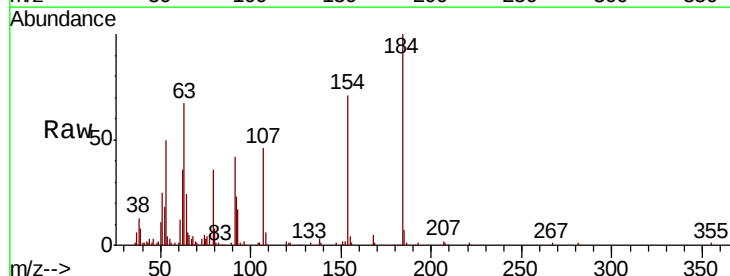
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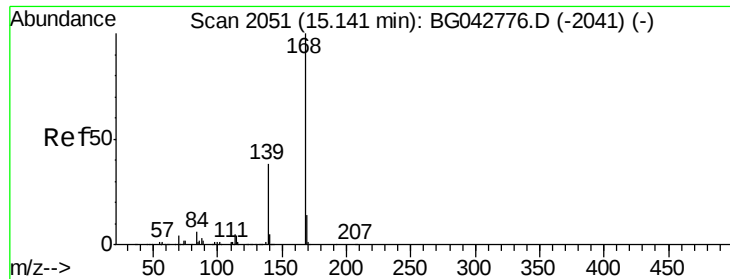
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#54
2,4-Dinitrophenol
Concen: 56.752 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	46.2	69.4
154	70.5	81.3	121.9#





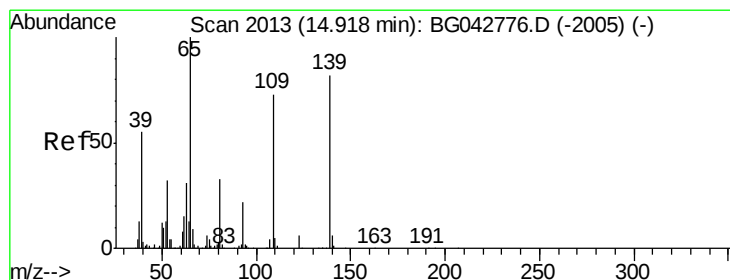
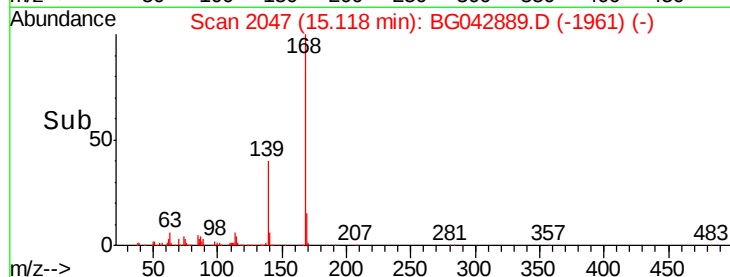
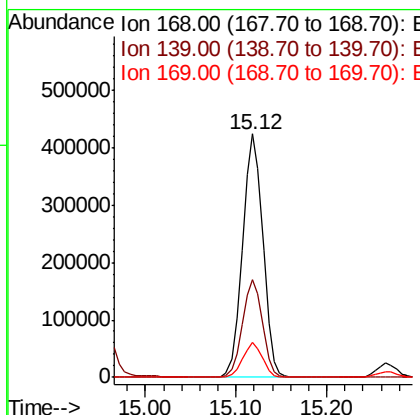
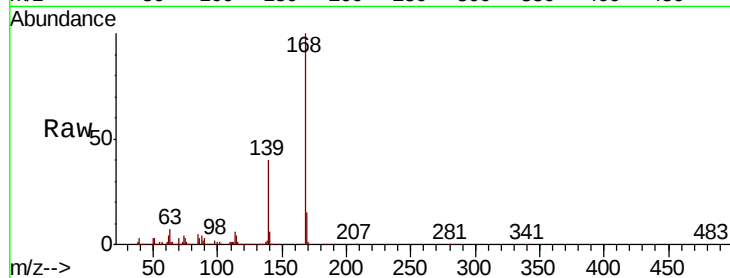
#55
Dibenzenofuran
Concen: 40.030 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.2	45.4
169	14.6	11.2	16.8

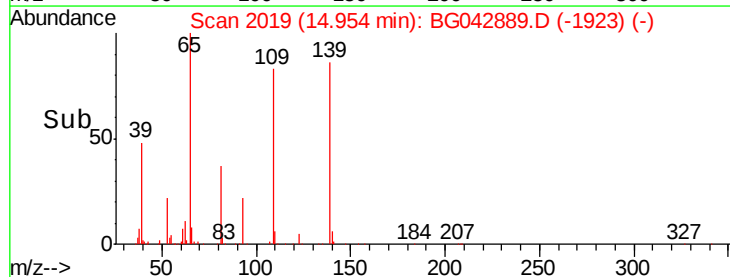
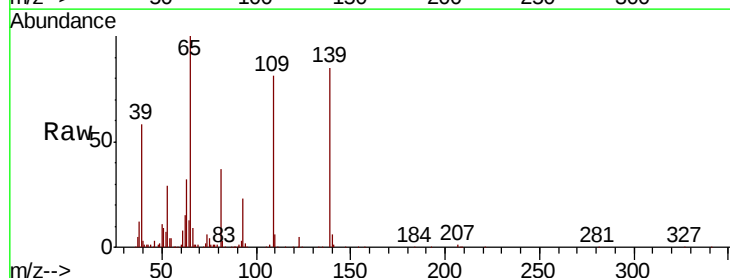
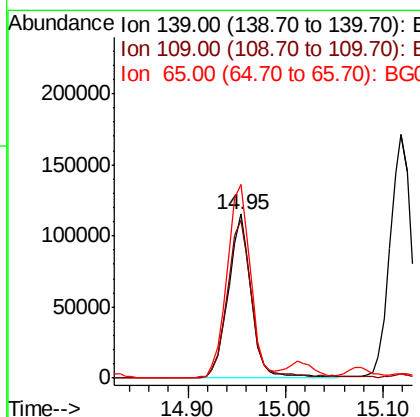
Manual Integrations
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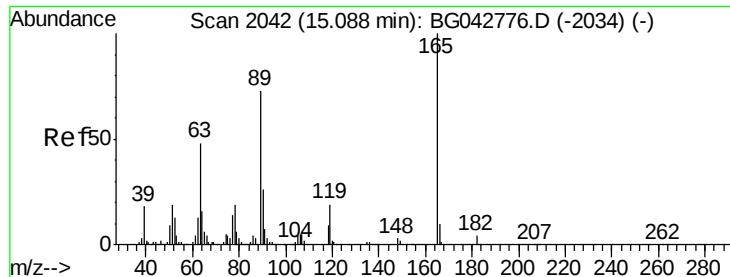
Jagrut
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#56
4-Nitrophenol
Concen: 73.657 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.3	69.4	109.4
65	118.2	102.5	142.5





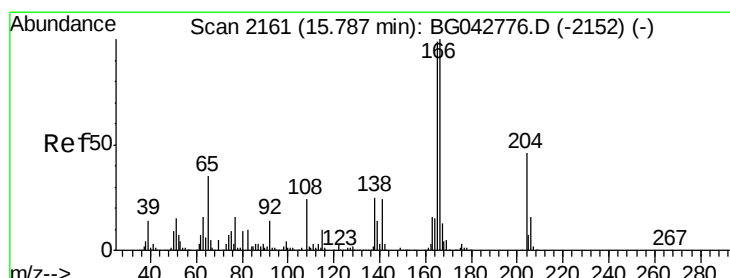
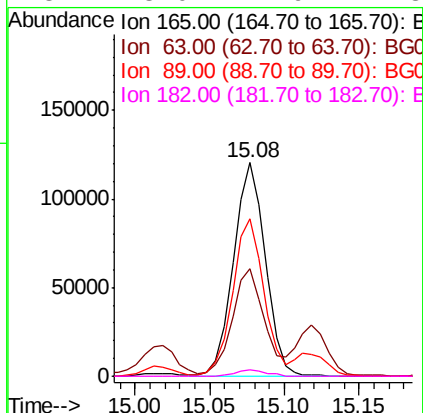
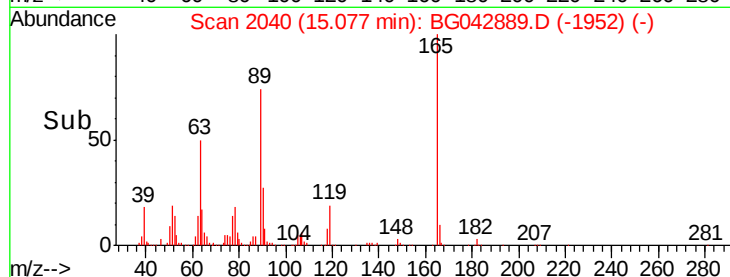
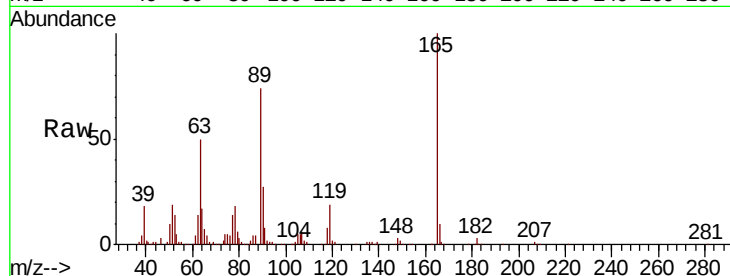
#57
2,4-Dinitrotoluene
Concen: 45.135 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		177456		
63	50.2	38.3	57.5		
89	73.7	58.4	87.6		
182	3.0	2.9	4.3		

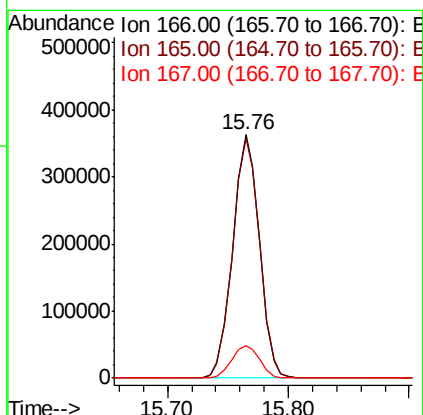
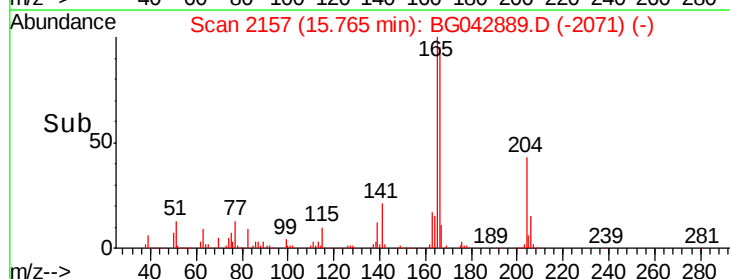
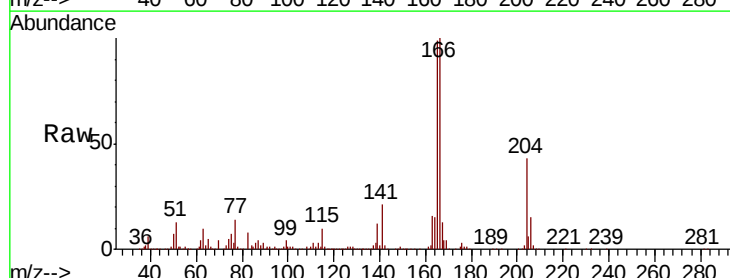
Manual Integrations
APPROVED

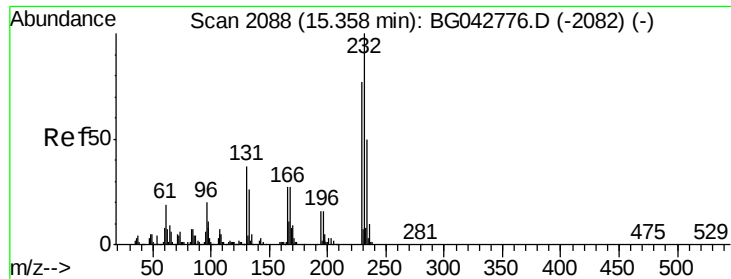
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#58
Fluorene
Concen: 40.829 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		558003		
165	98.6	79.1	118.7		
167	13.2	10.7	16.1		





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.053 ng

RT: 15.35 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

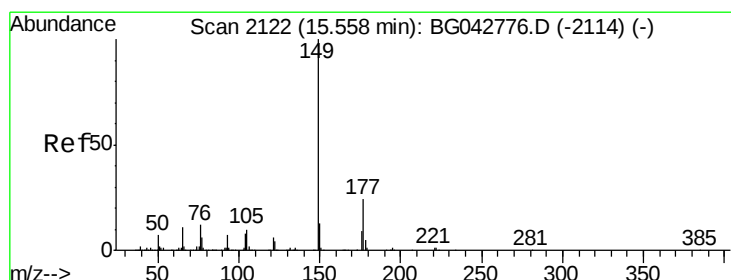
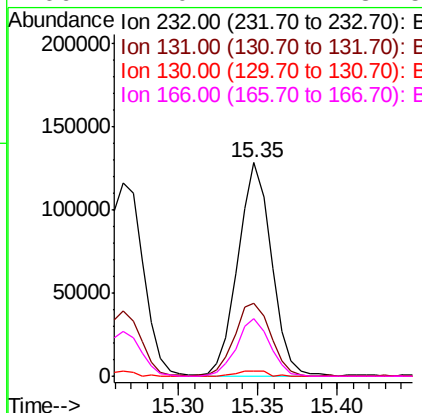
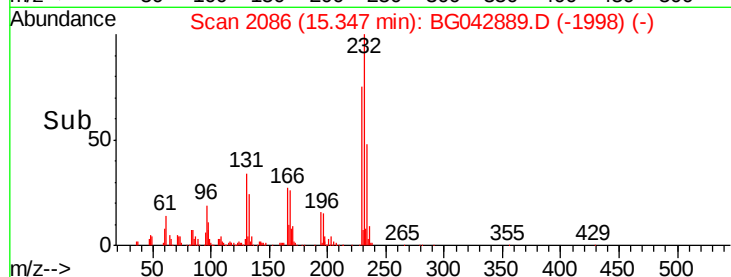
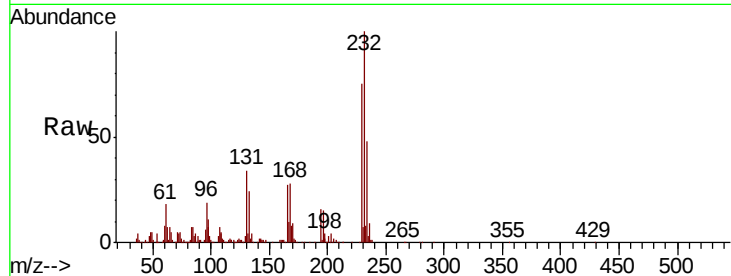
ClientSampleId :

SB-12MS

Tot Ion:	232	Resp:	188851
Ion Ratio	Lower	Upper	
232	100		
131	36.8	31.1	46.7
130	2.4	1.8	2.6
166	27.0	21.7	32.5

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#60

Diethylphthalate

Concen: 38.191 ng

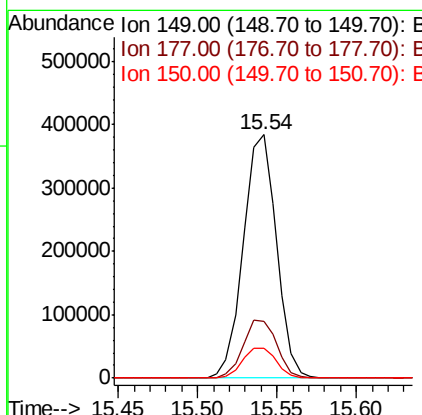
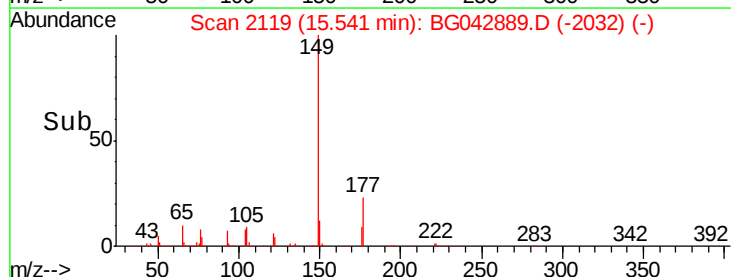
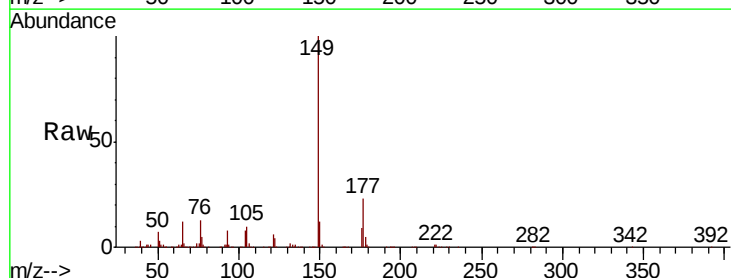
RT: 15.54 min Scan# 2119

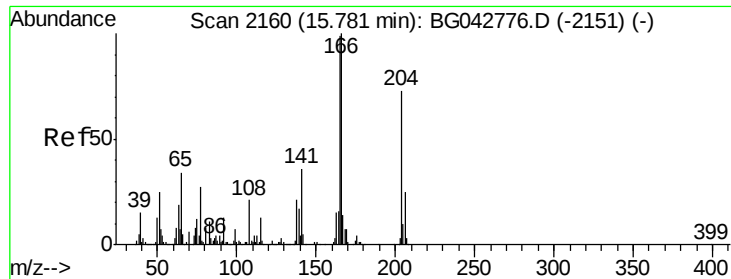
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	149	Resp:	557276
Ion Ratio	Lower	Upper	
149	100		
177	23.2	19.4	29.0
150	12.2	10.2	15.4





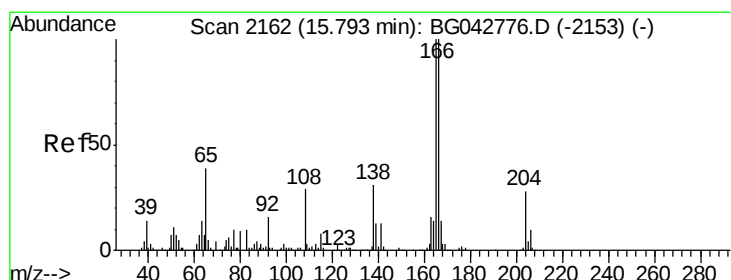
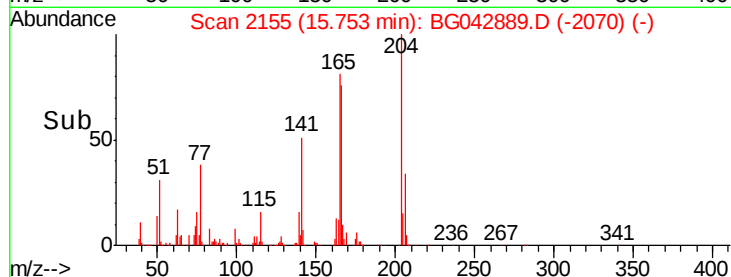
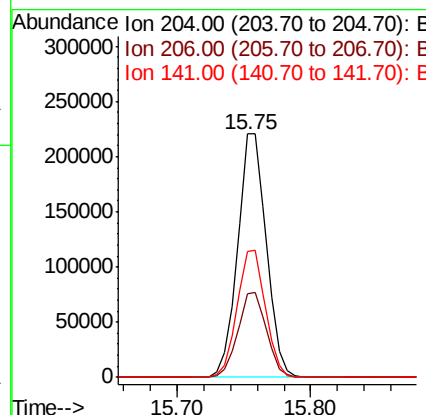
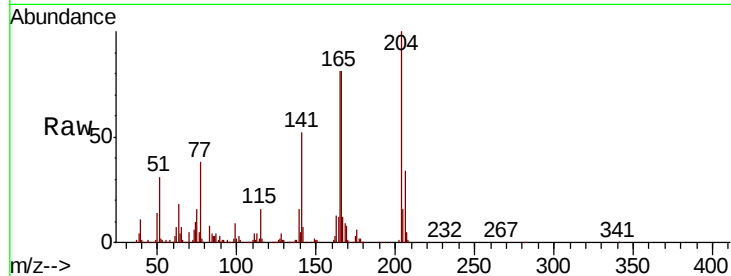
#61
 4-Chlorophenyl-phenylether
 Concen: 40.746 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.03 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampled :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	329254		
206	34.3		27.6	41.4
141	51.5		39.8	59.6

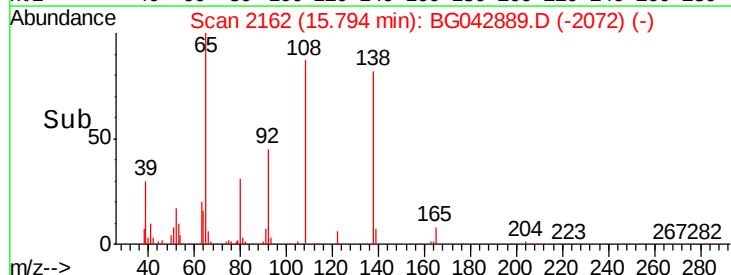
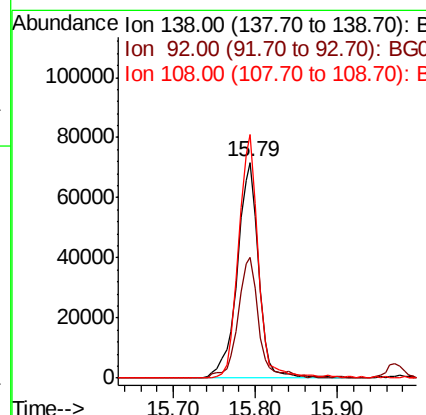
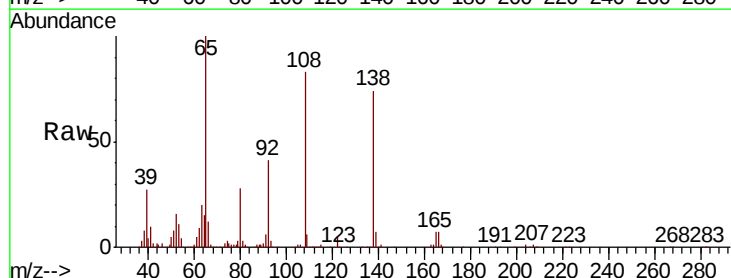
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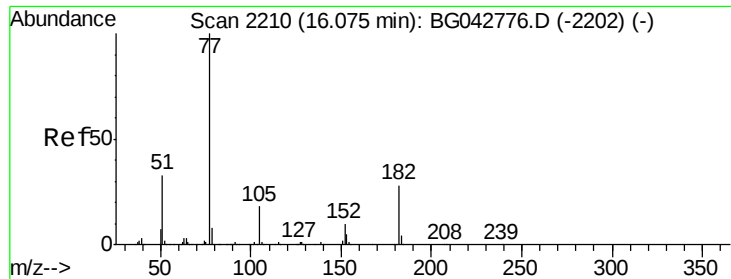
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#62
 4-Nitroaniline
 Concen: 36.698 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	130952		
92	55.7		31.4	71.4
108	112.7		74.8	114.8





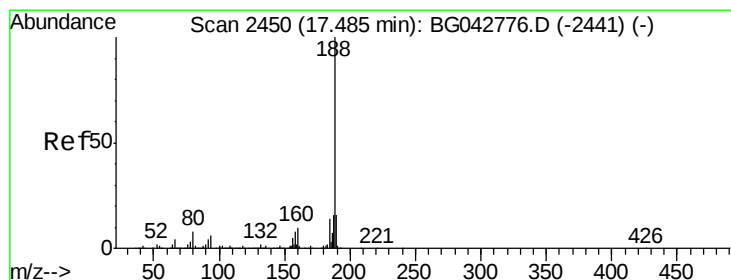
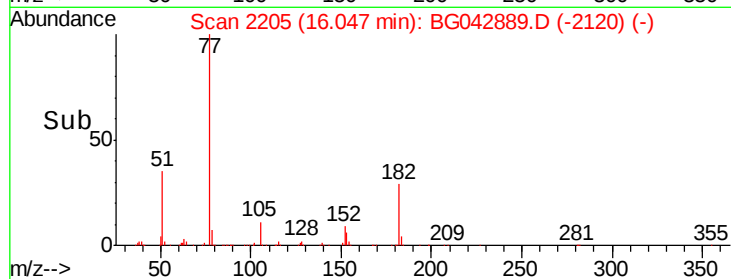
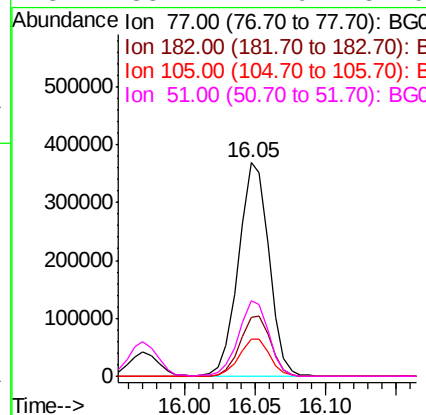
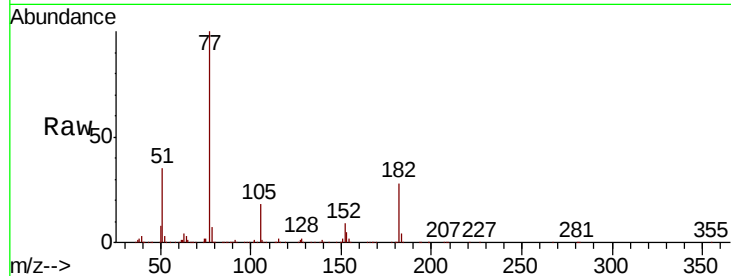
#63
Azobenzene
Concen: 39.349 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.1	48.1
105	17.5	0.0	38.1
51	35.4	12.9	52.9

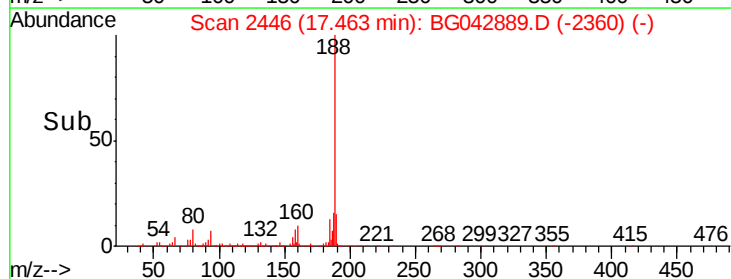
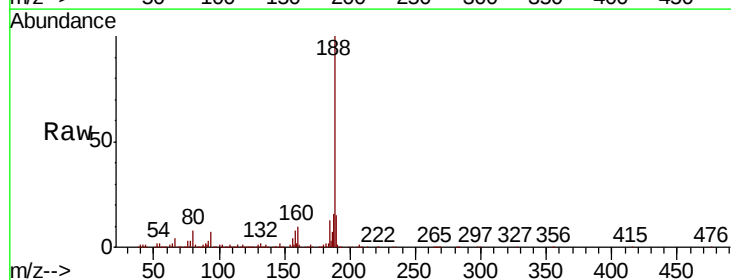
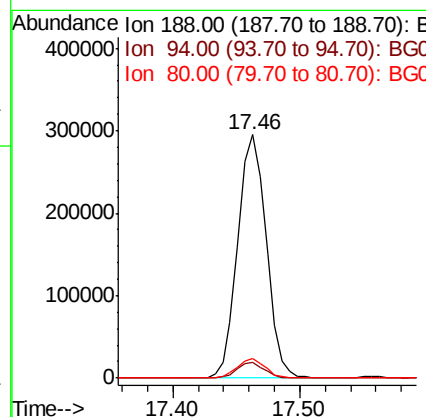
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.8	7.2
80	8.1	6.6	9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 45.356 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

SB-12MS

Tot Ion:198 Resp: 89038

Ion Ratio Lower Upper

198 100

51 46.4 20.9 60.9

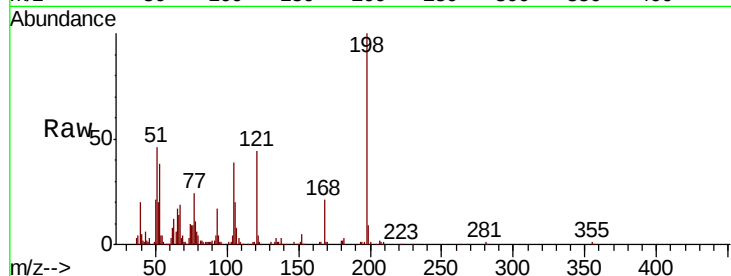
105 38.8 16.4 56.4

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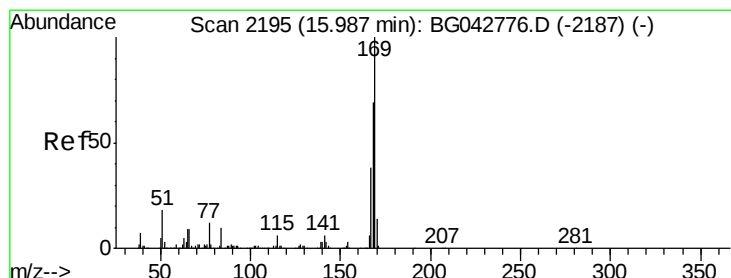
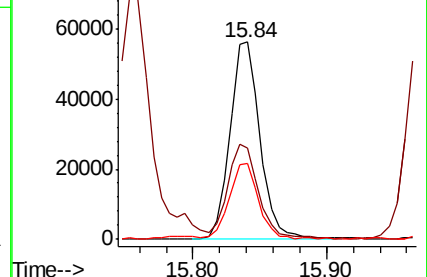
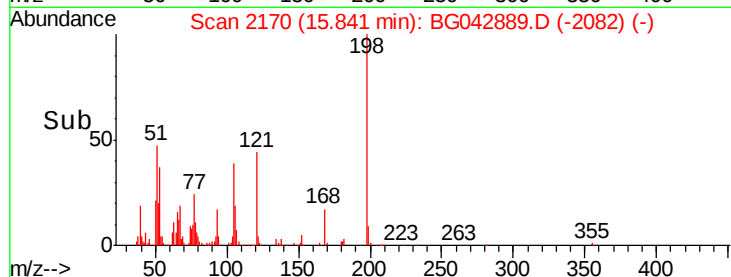
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.415 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

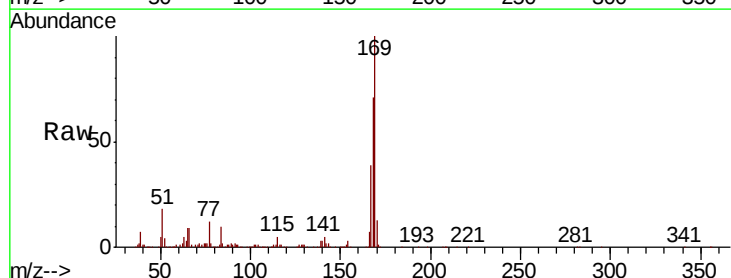
Tgt Ion:169 Resp: 498954

Ion Ratio Lower Upper

169 100

168 71.3 55.4 83.2

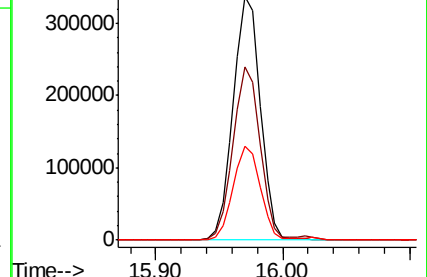
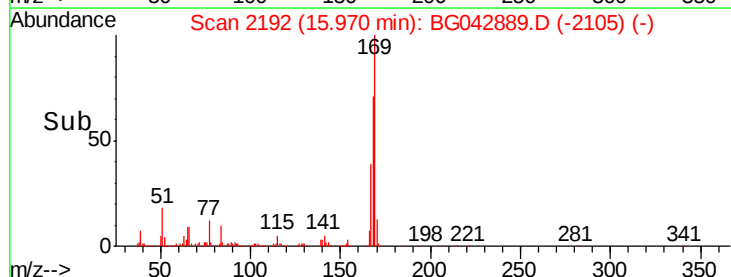
167 38.7 30.4 45.6

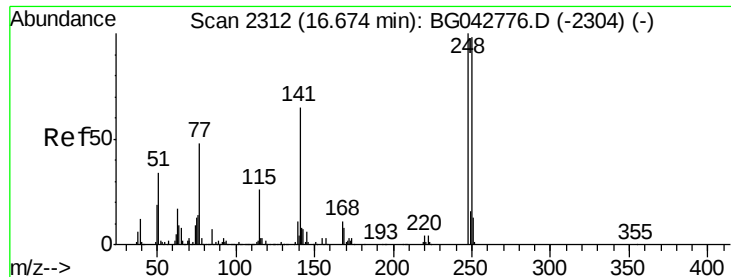


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.395 ng

RT: 16.65 min Scan# 2308

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

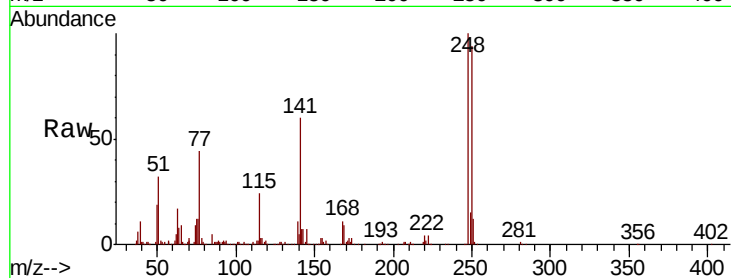
ClientSampleId :

SB-12MS

Tot Ion:	248	Resp:	224316
Ion Ratio	Lower	Upper	
248	100		
250	93.9	78.0	117.0
141	60.0	51.8	77.6

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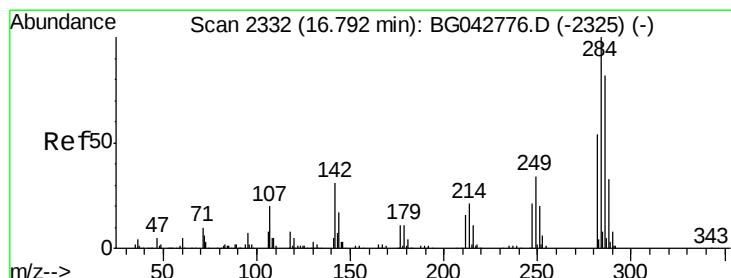
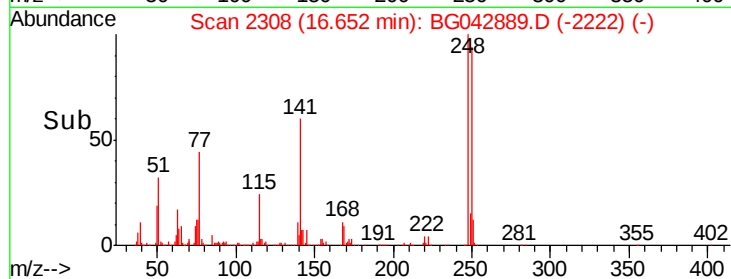
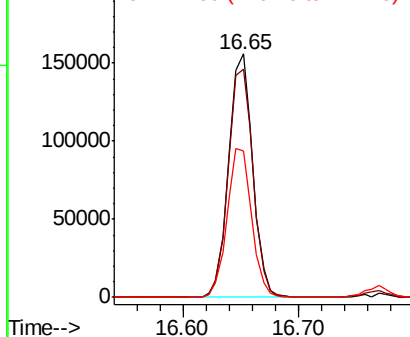


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.859 ng

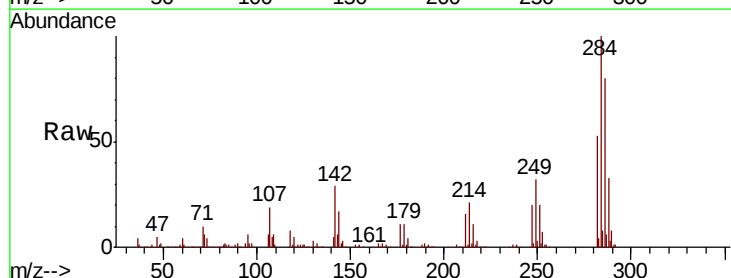
RT: 16.77 min Scan# 2328

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	284	Resp:	230577
Ion Ratio	Lower	Upper	
284	100		
142	29.5	24.7	37.1
249	31.7	27.0	40.4

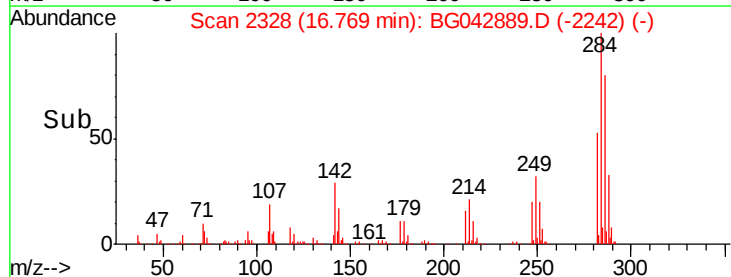
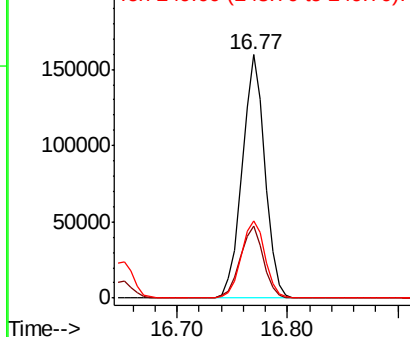


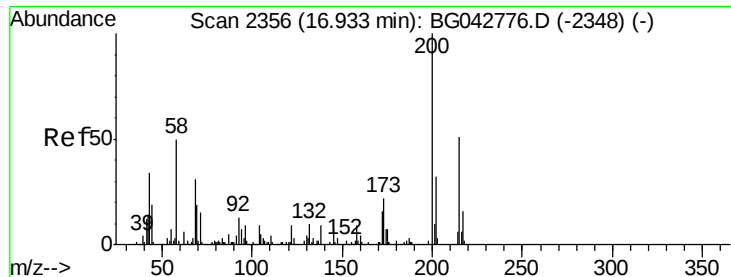
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





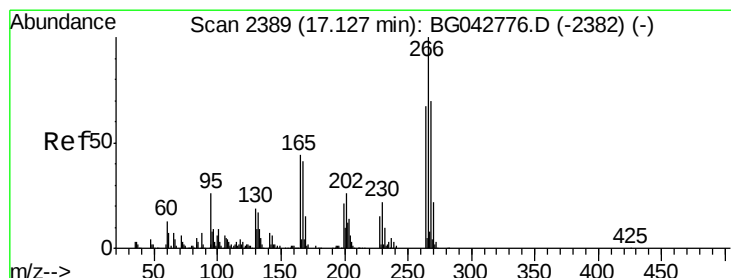
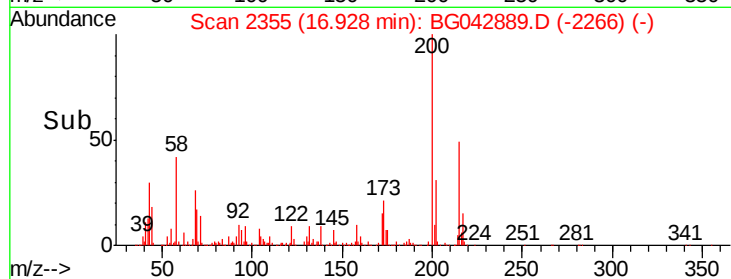
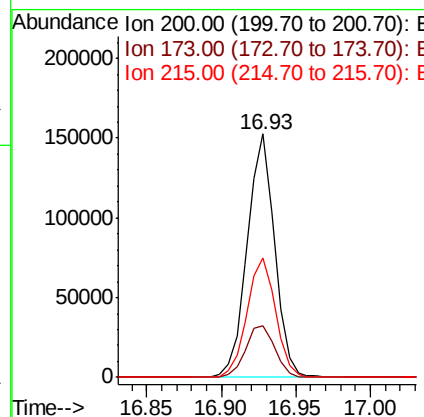
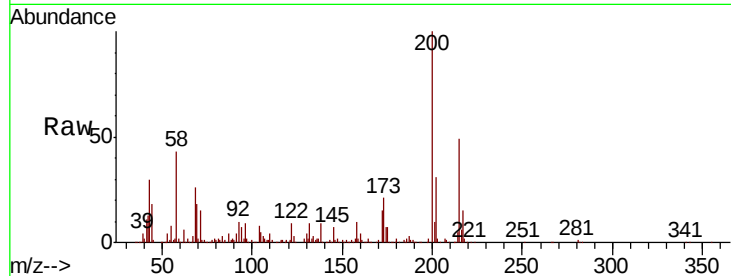
#69
Atrazine
Concen: 45.030 ng
RT: 16.93 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.4	2.5	42.5
215	49.3	31.0	71.0

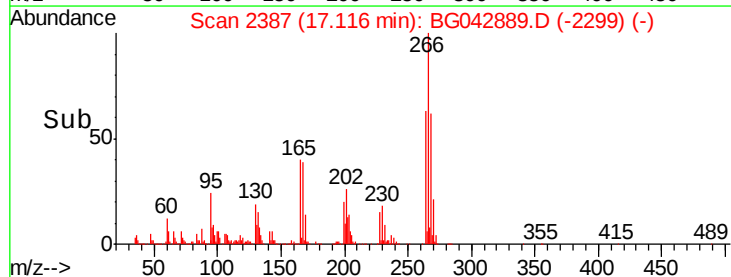
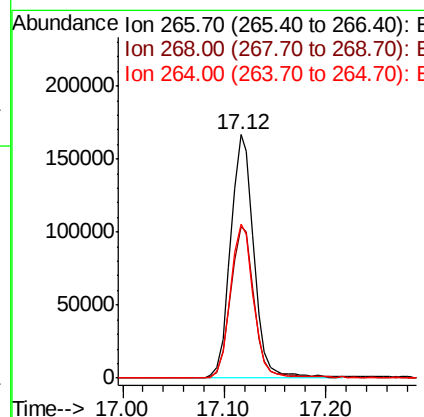
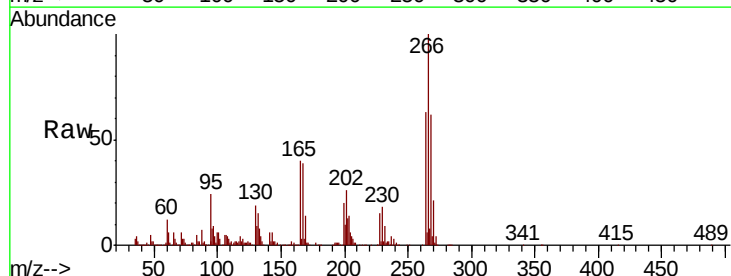
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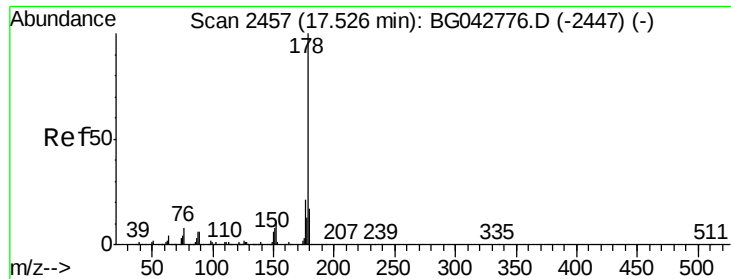
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#70
Pentachlorophenol
Concen: 75.584 ng
RT: 17.12 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.0	56.2	84.4
264	63.5	53.4	80.2





#71

Phenanthrene

Concen: 40.638 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

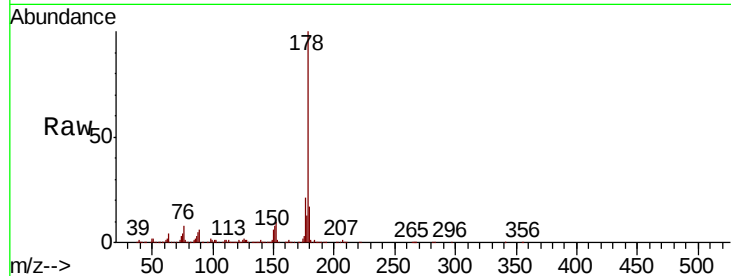
ClientSampleId :

SB-12MS

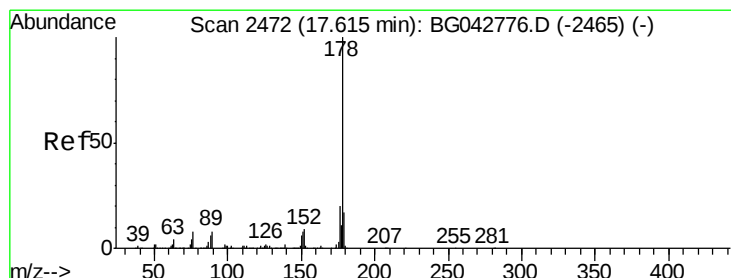
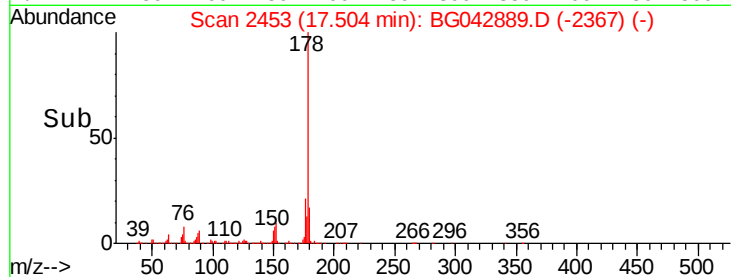
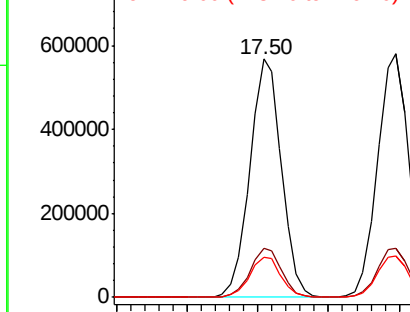
Tot Ion:	178	Resp:	891641
Ion Ratio	Lower	Upper	
178	100		
176	20.6	17.0	25.4
179	16.9	13.6	20.4

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



#72

Anthracene

Concen: 40.903 ng

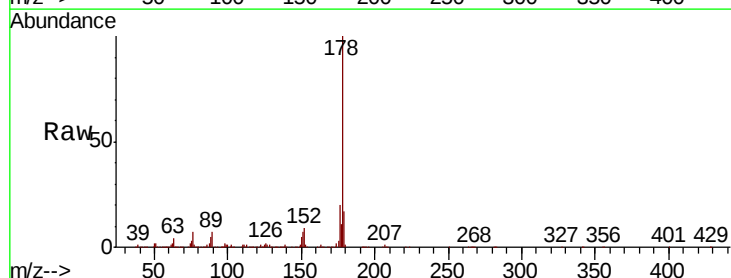
RT: 17.60 min Scan# 2469

Delta R.T. -0.02 min

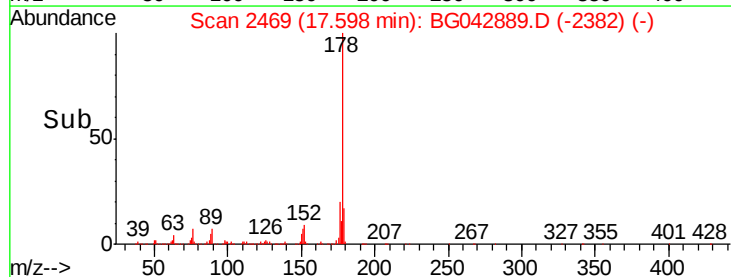
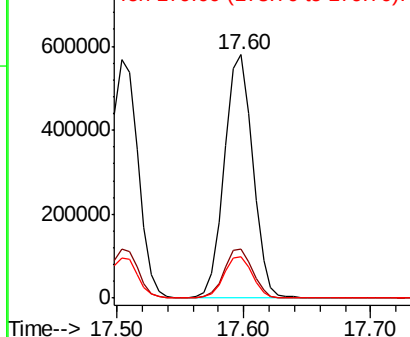
Lab File: BG042889.D

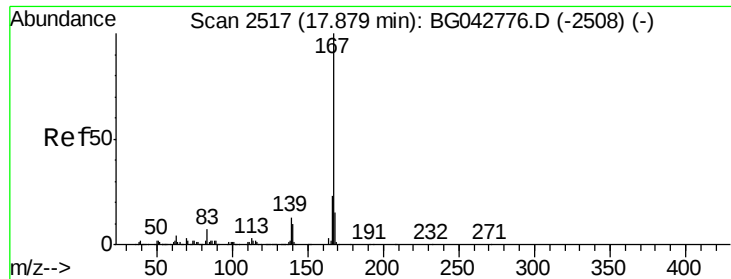
Acq: 18 Sep 2019 11:50

Tgt Ion:	178	Resp:	896616
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.2	24.4
179	16.9	13.6	20.4



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





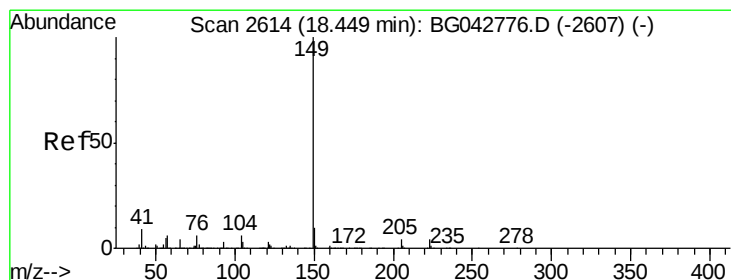
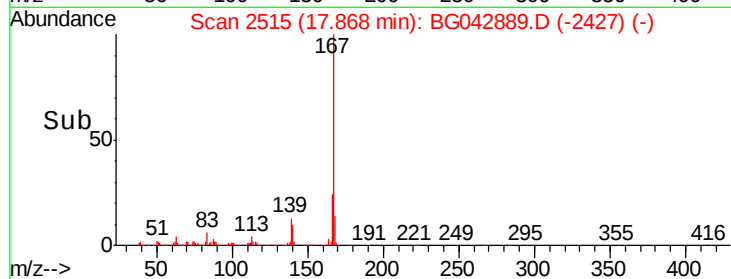
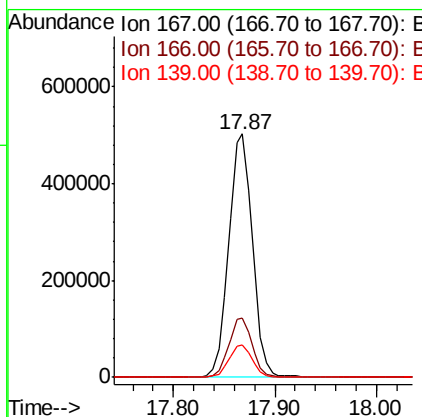
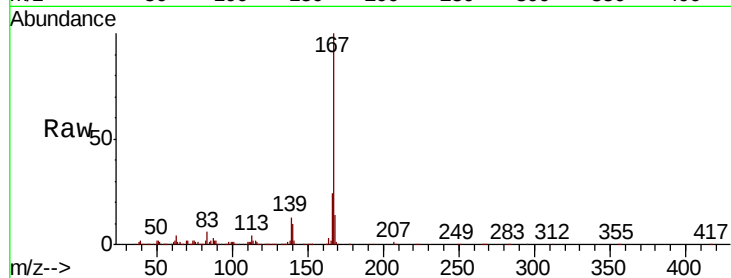
#73
 Carbazole
 Concen: 39.131 ng
 RT: 17.87 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.3	27.5
139	13.1	10.2	15.4

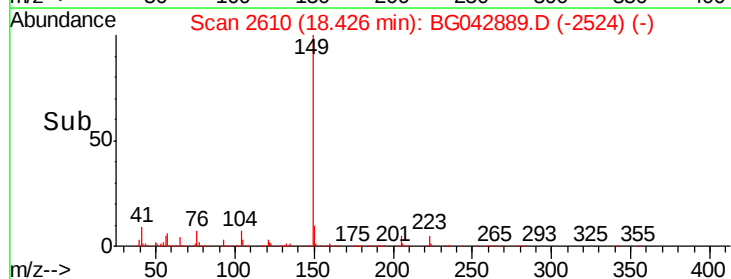
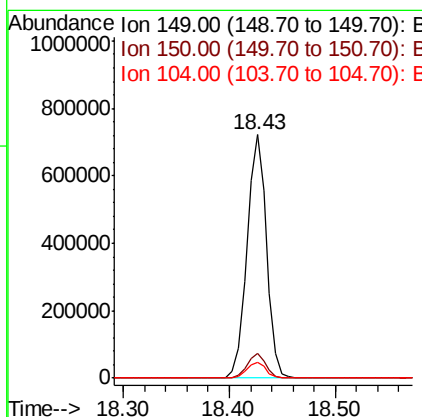
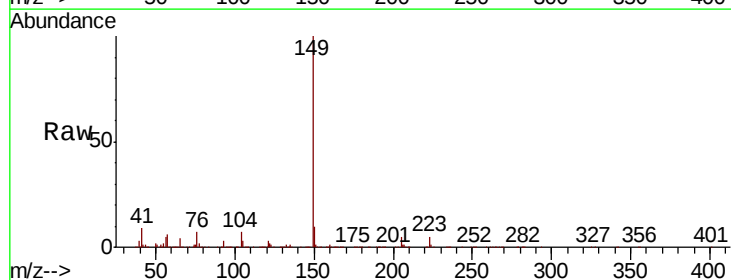
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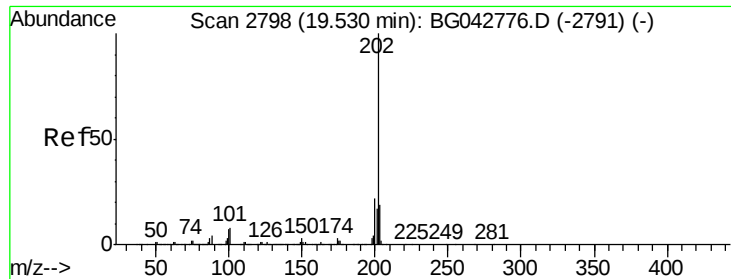
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#74
 Di-n-butylphthalate
 Concen: 36.891 ng
 RT: 18.43 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 39.100 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

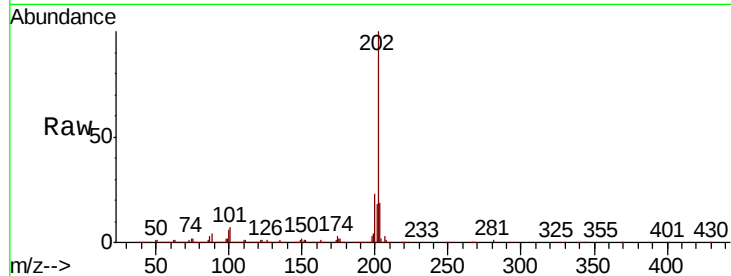
ClientSampleId :

SB-12MS

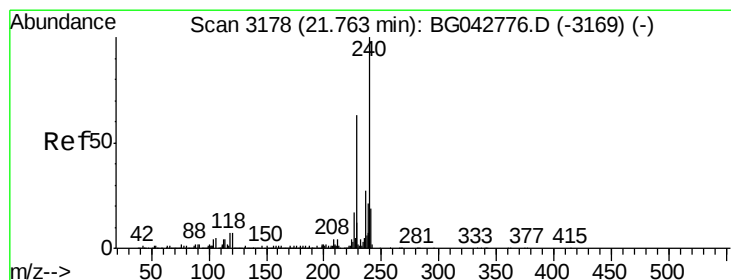
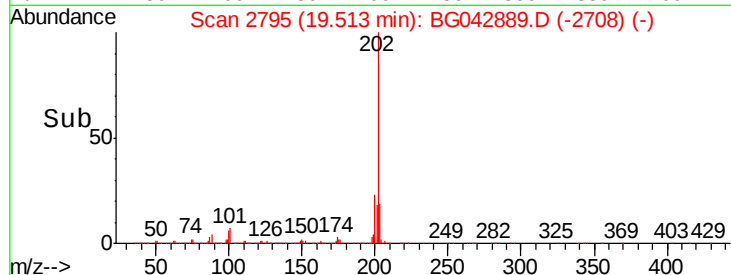
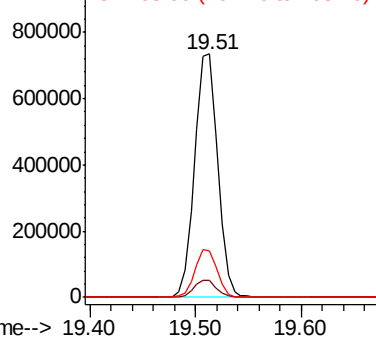
Tot Ion:	202	Resp:	1111862
Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.8
203	19.2	0.0	39.1

Manual Integrations
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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

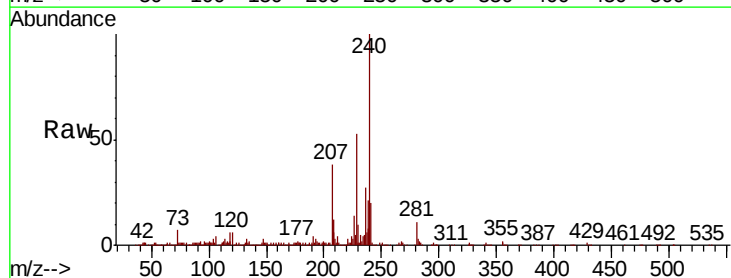
RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

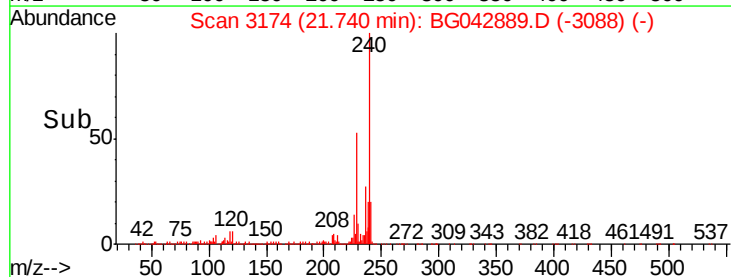
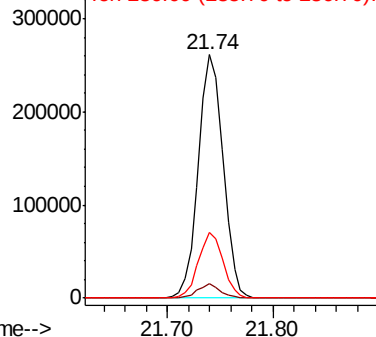
Lab File: BG042889.D

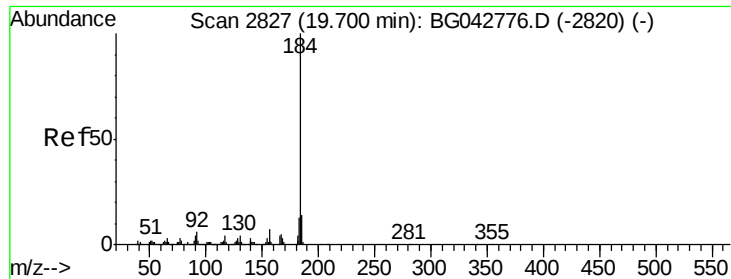
Acq: 18 Sep 2019 11:50

Tgt Ion:	240	Resp:	424141
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.4	8.2
236	26.8	21.7	32.5



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: 20.675 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

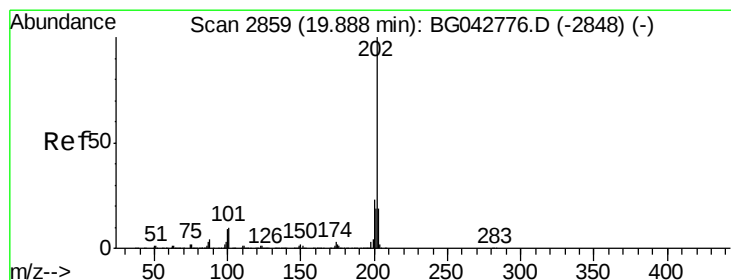
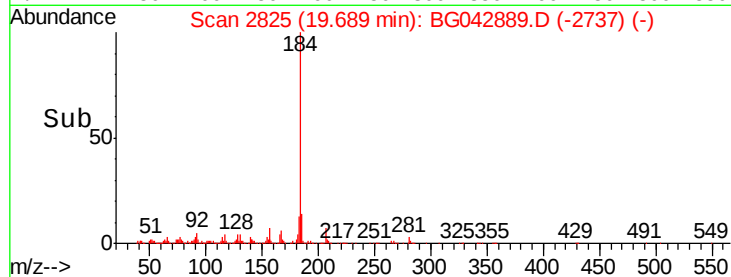
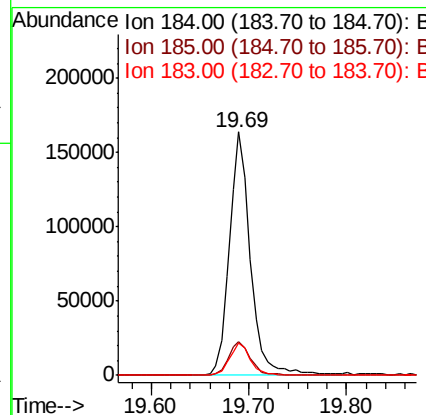
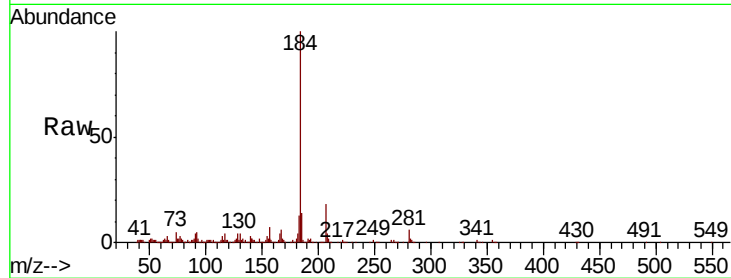
ClientSampleId :

SB-12MS

Tot Ion:	184	Resp:	244997
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.6	17.4
183	13.2	10.4	15.6

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#78

Pyrene

Concen: 42.142 ng

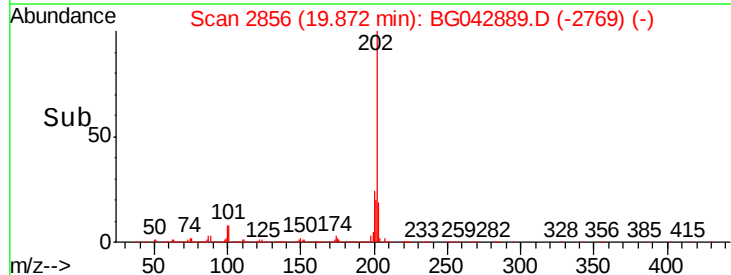
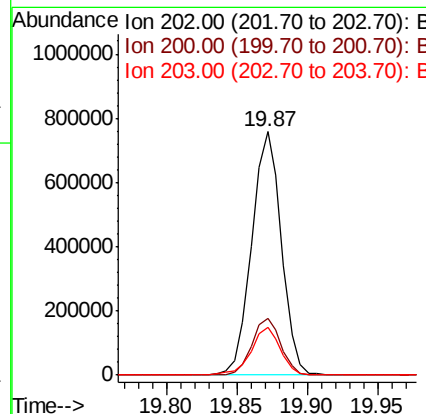
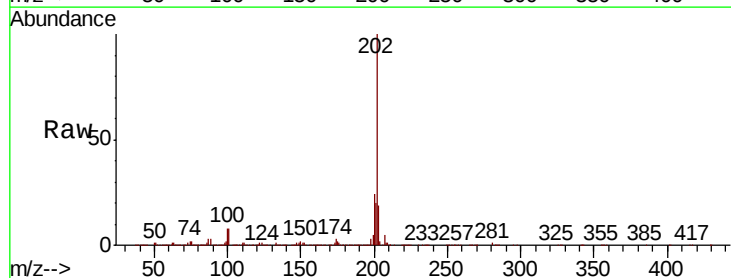
RT: 19.87 min Scan# 2856

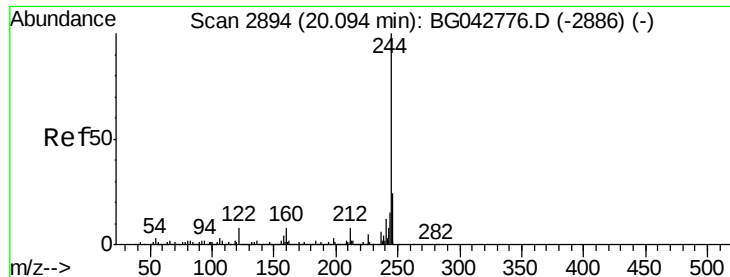
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	202	Resp:	1119051
Ion Ratio	Lower	Upper	
202	100		
200	23.6	18.5	27.7
203	19.5	15.3	22.9





#79

Terphenyl-d14

Concen: 73.395 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

SB-12MS

Tot Ion:244 Resp: 1404607

Ion Ratio Lower Upper

244 100

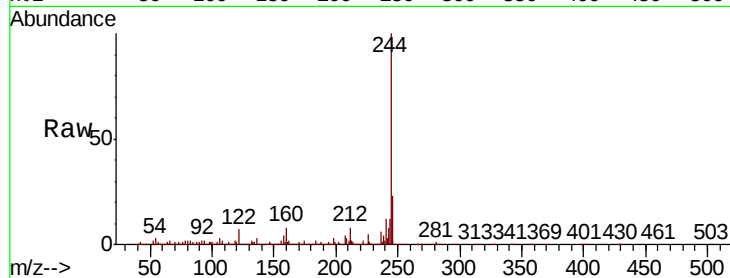
212 8.2 6.6 10.0

122 7.3 6.2 9.4

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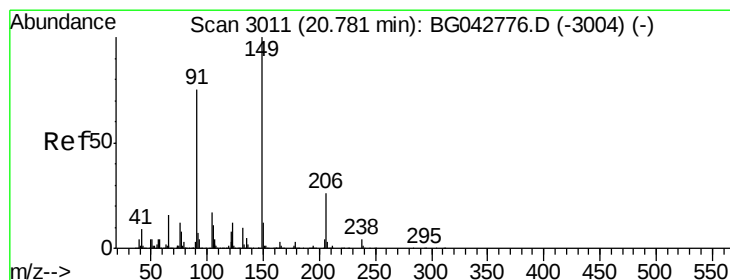
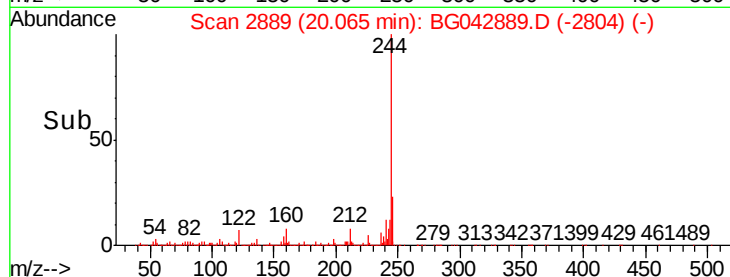
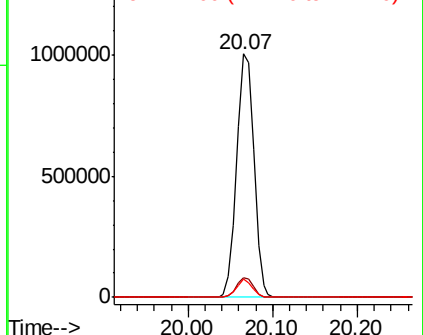
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.583 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

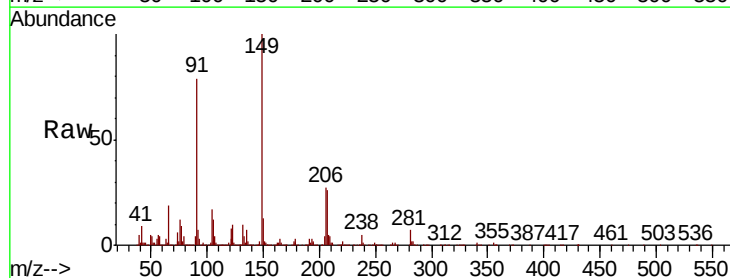
Tgt Ion:149 Resp: 393142

Ion Ratio Lower Upper

149 100

91 79.1 60.2 90.2

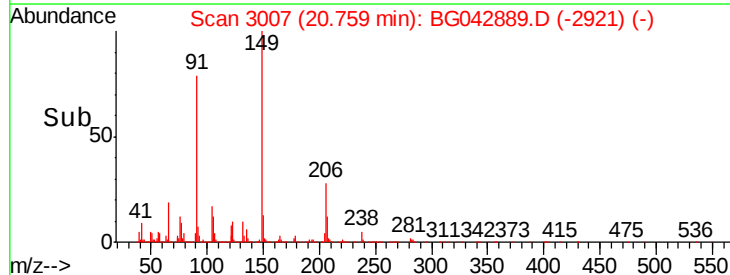
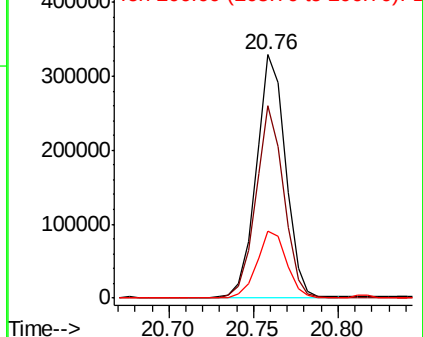
206 27.5 20.6 30.8

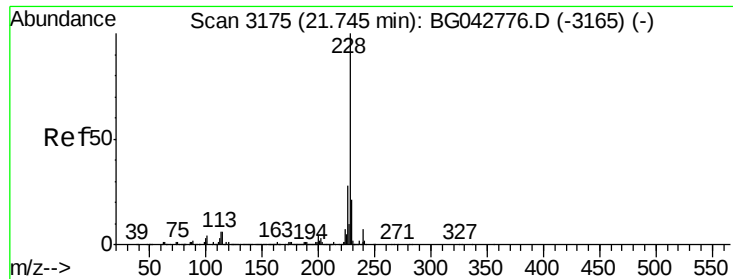


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.032 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

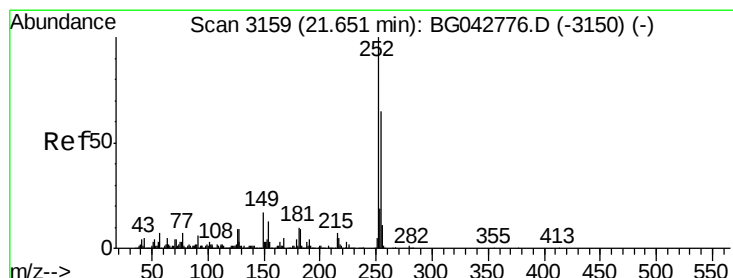
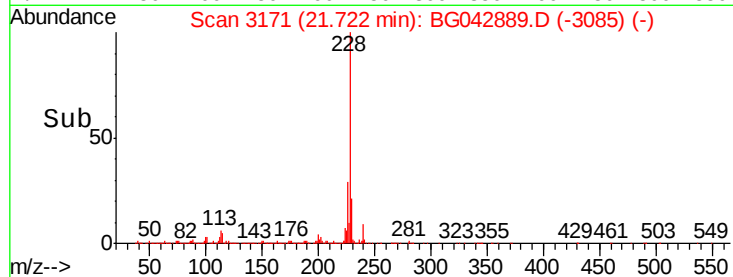
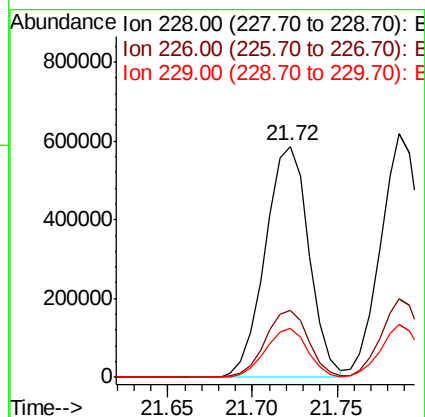
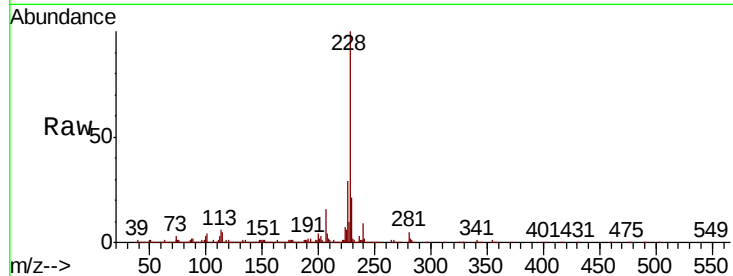
ClientSampleId :

SB-12MS

Tot Ion:	228	Resp:	1052610
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.2	17.2	25.8

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#82

3,3'-Dichlorobenzidine

Concen: 15.009 ng

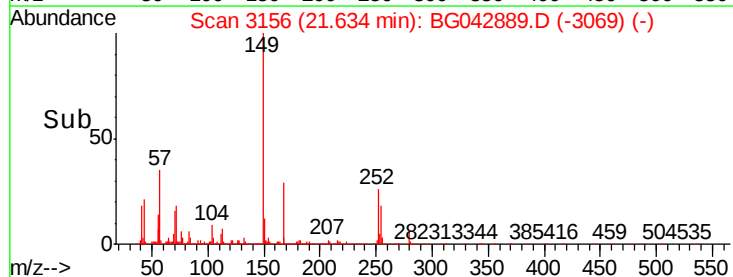
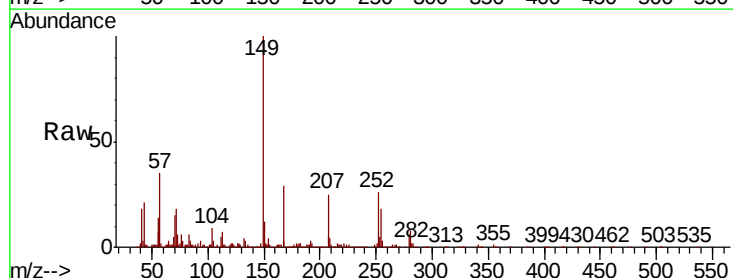
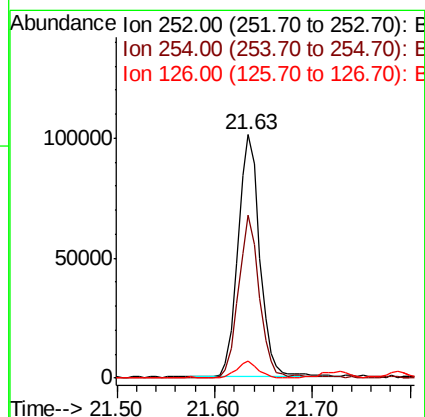
RT: 21.63 min Scan# 3156

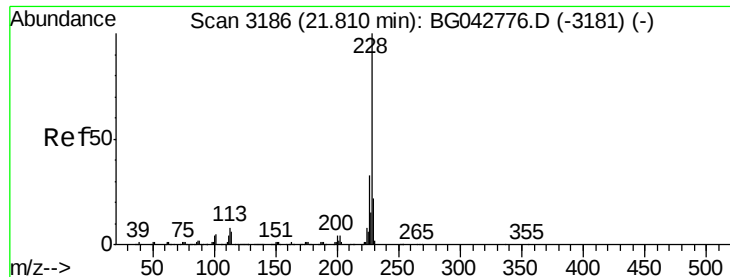
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	252	Resp:	157293
Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.2	78.2
126	7.2	7.0	10.4





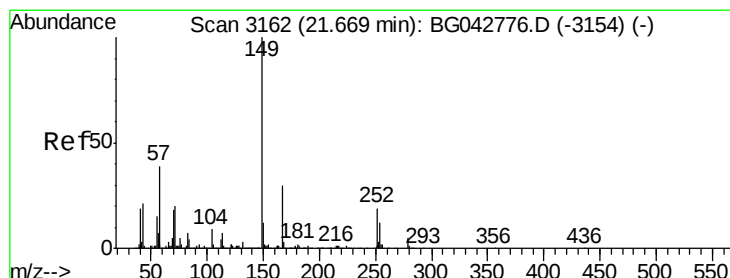
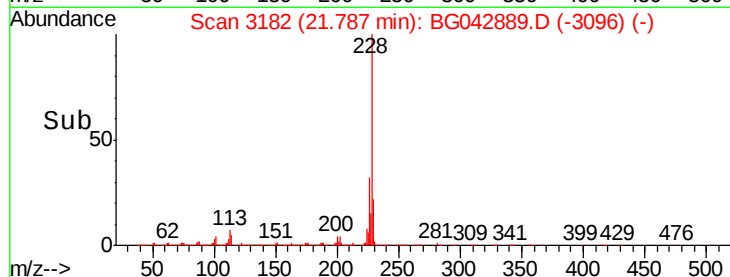
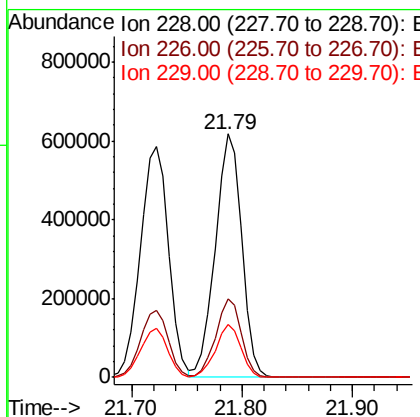
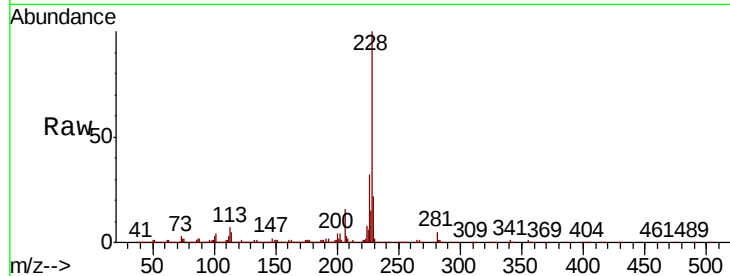
#83
 Chrysene
 Concen: 40.035 ng
 RT: 21.79 min Scan# 3182
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion:	228	Resp:	1022674
Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.0	39.0
229	21.6	17.1	25.7

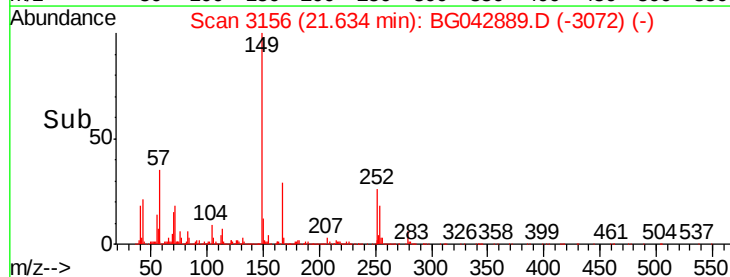
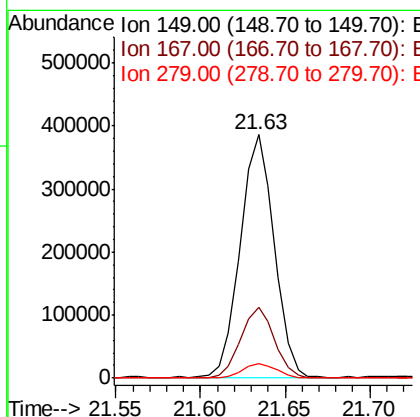
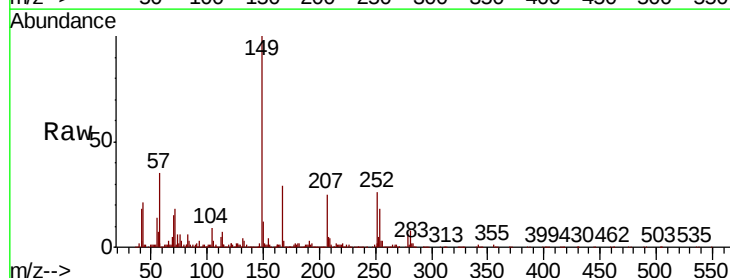
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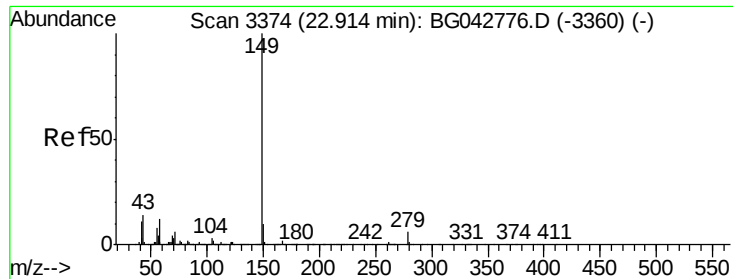
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.425 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.03 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion:	149	Resp:	534862
Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	6.1	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 34.612 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.05 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

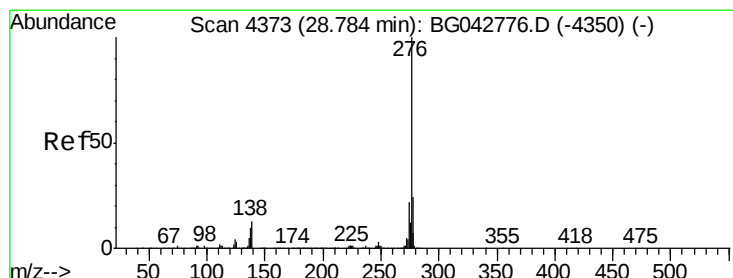
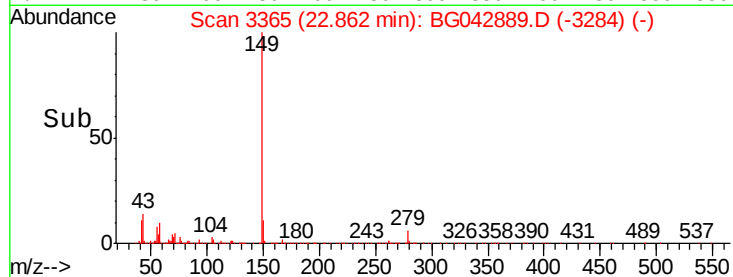
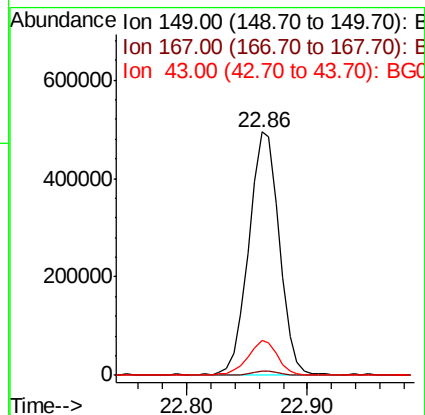
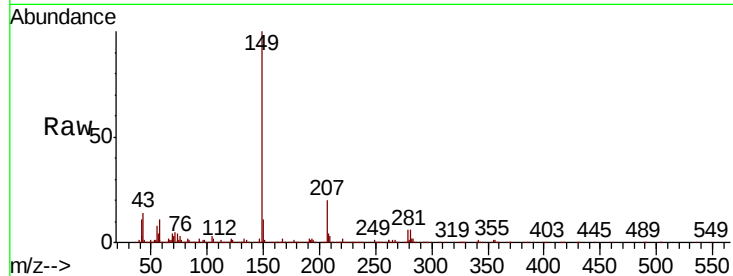
ClientSampleId :

SB-12MS

Tot Ion:	149	Resp:	866419
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	13.6	10.6	15.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.127 ng

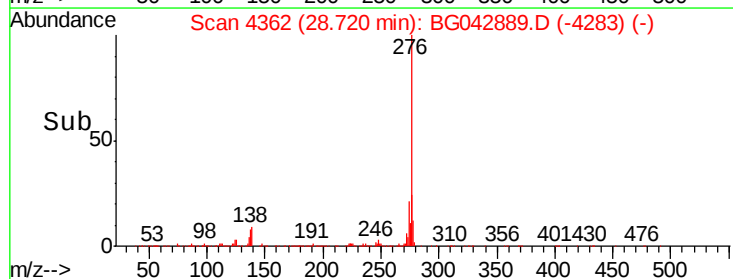
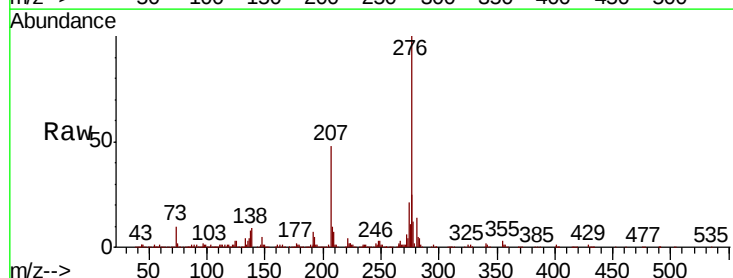
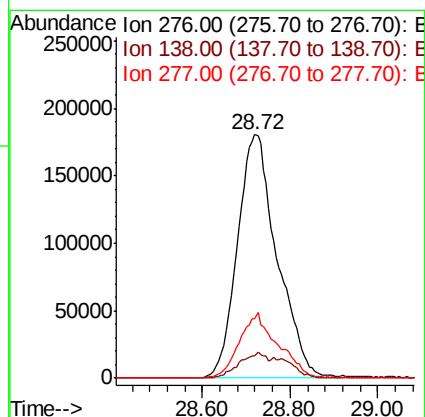
RT: 28.72 min Scan# 4362

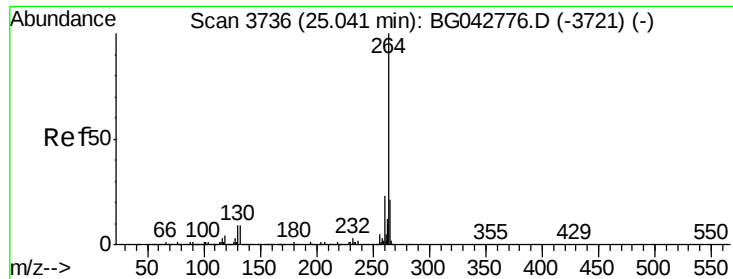
Delta R.T. -0.06 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:	276	Resp:	1111195
Ion Ratio	Lower	Upper	
276	100		
138	7.5	9.3	13.9#
277	25.8	17.2	25.8





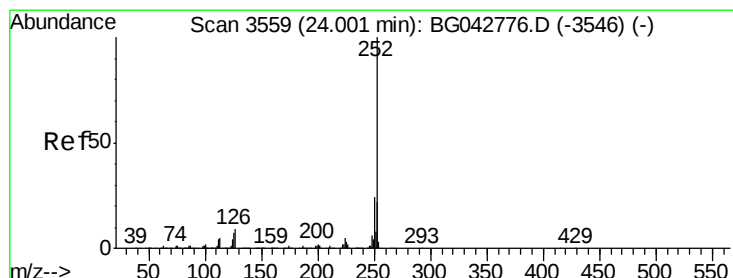
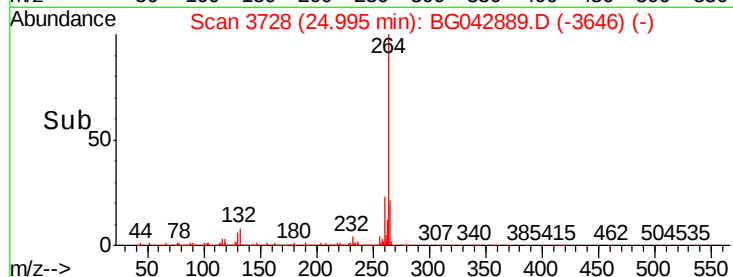
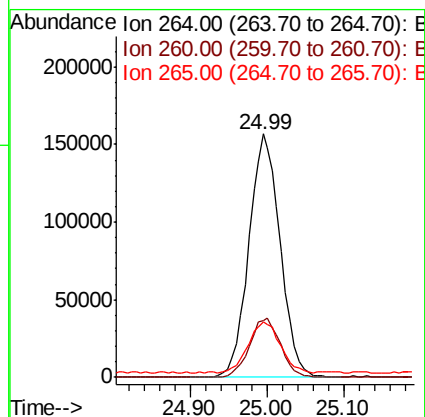
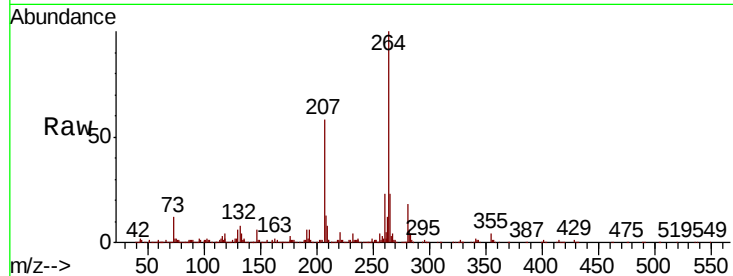
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3728
 Delta R.T. -0.05 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.1	18.2	27.2	
265	23.0	16.9	25.3	

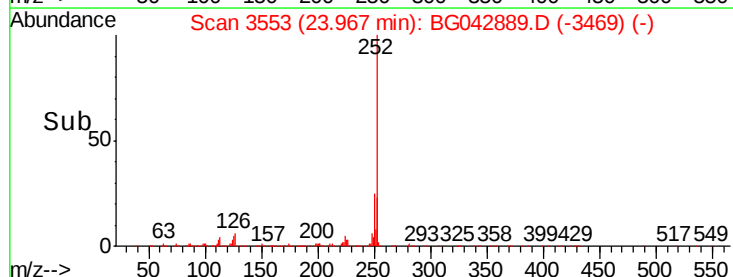
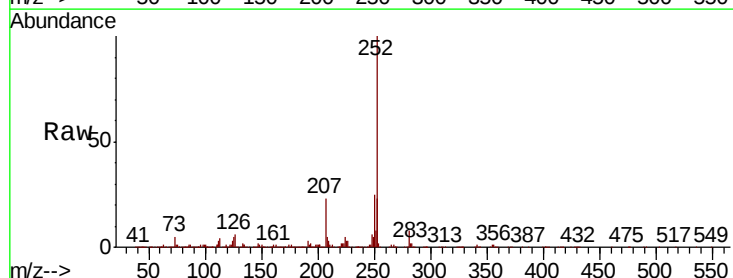
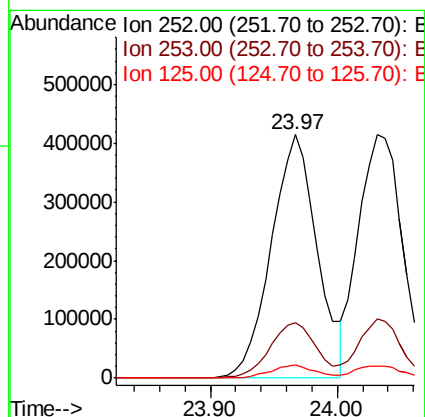
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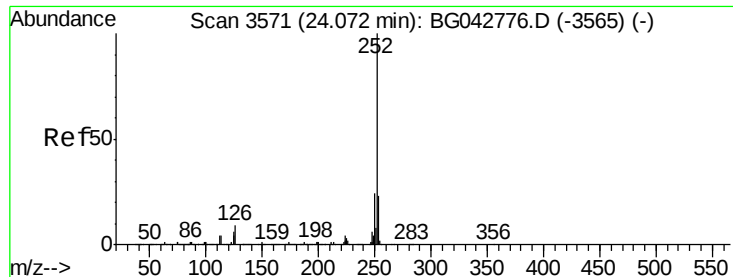
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#88
 Benzo(b)fluoranthene
 Concen: 40.038 ng
 RT: 23.97 min Scan# 3553
 Delta R.T. -0.03 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.9	17.9	26.9	
125	5.2	5.6	8.4#	





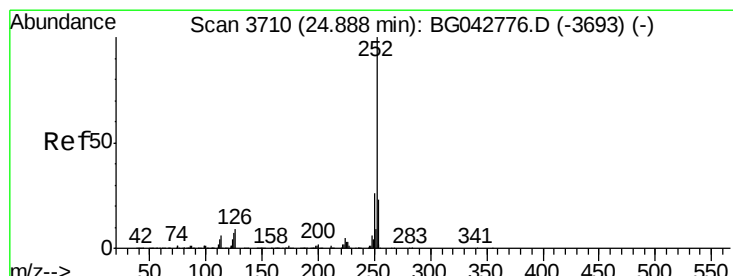
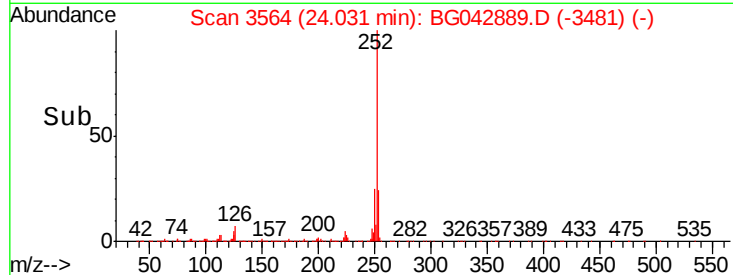
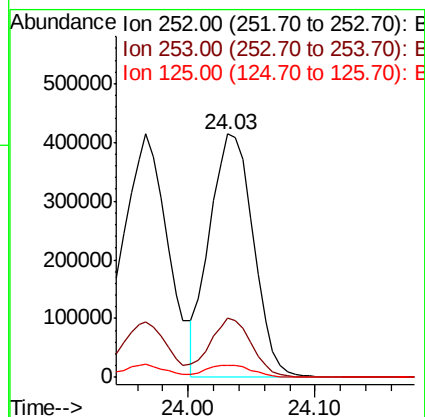
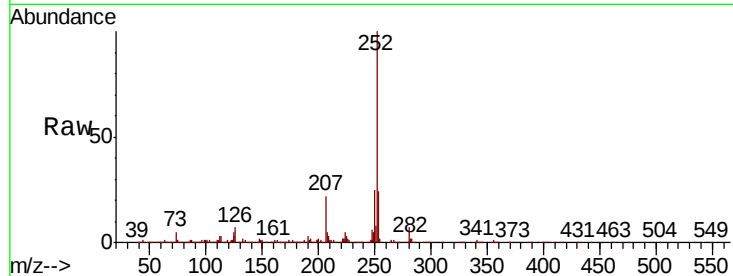
#89
Benzo(k)fluoranthene
Concen: 40.095 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	5.2	5.3	7.9

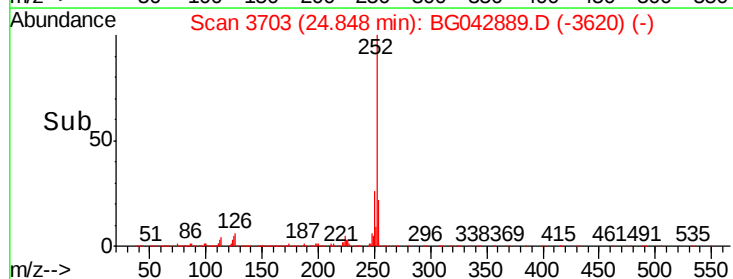
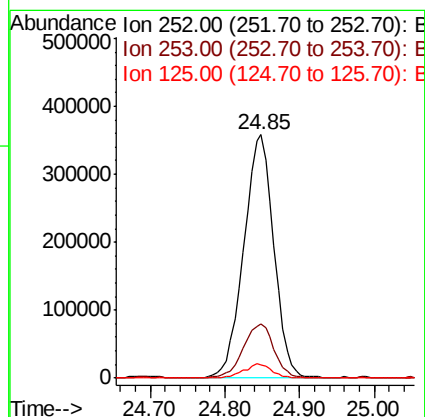
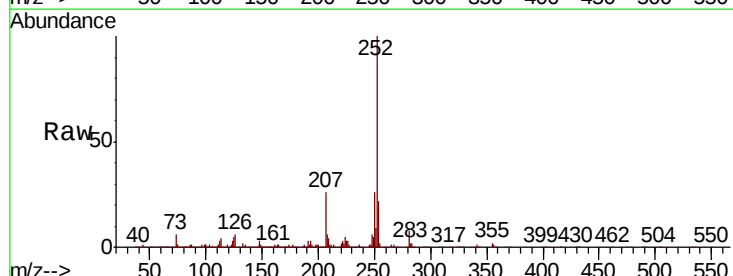
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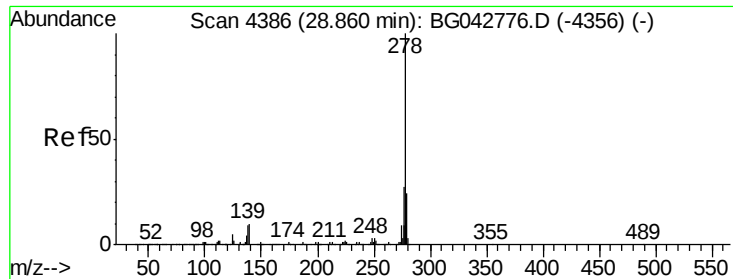
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#90
Benzo(a)pyrene
Concen: 40.666 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	5.4	5.7	8.5





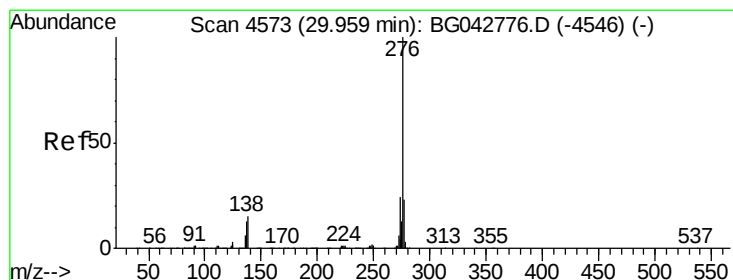
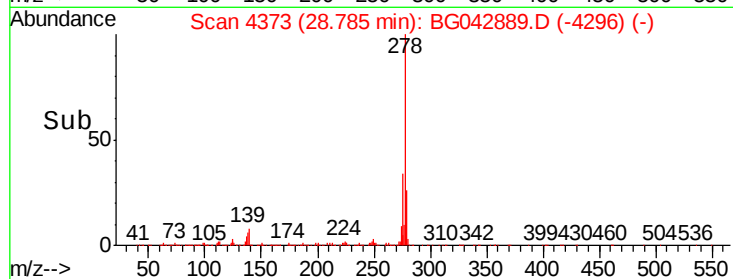
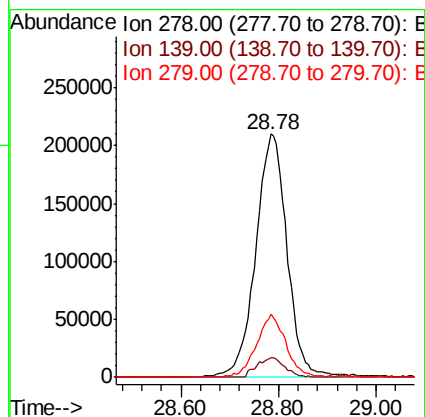
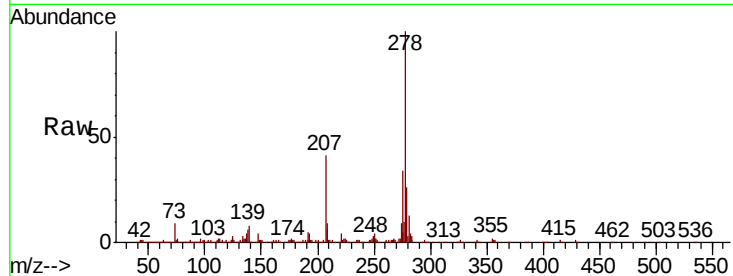
#91
Dibenzo(a,h)anthracene
Concen: 39.047 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.08 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	8.2	12.2#
279	26.1	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 39.487 ng
RT: 29.88 min Scan# 4559
Delta R.T. -0.08 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	10.7	11.8	17.8#

