

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042998.D
 Acq On : 2 Oct 2019 23:35
 Operator : JU
 Sample : K5133-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:07 AM

Quant Time: Oct 03 05:46:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63758	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	235526	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	170107	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	412716	20.00	ng	0.00
76) Chrysene-d12	21.70	240	446566	20.00	ng	-0.01
87) Perylene-d12	24.93	264	529910	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	466194	130.49	ng	0.00
7) Phenol-d6	7.24	99	674947	131.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	423161	87.33	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	406768	139.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	972758	82.90	ng	-0.01
79) Terphenyl-d14	20.04	244	1769849	84.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	56463	37.906	ng	96
3) Pyridine	3.95	79	147838	35.288	ng	95
4) n-Nitrosodimethylamine	3.86	42	89728	44.537	ng	87
6) Aniline	7.40	93	199223	32.079	ng	99
8) 2-Chlorophenol	7.64	128	187298	50.271	ng	97
9) Benzaldehyde	7.21	77	123293	39.217	ng	92
10) Phenol	7.27	94	248532	52.653	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	163738	44.833	ng	96
12) 1,3-Dichlorobenzene	7.96	146	212406	44.690	ng	96
13) 1,4-Dichlorobenzene	8.11	146	212872	44.928	ng	96
14) 1,2-Dichlorobenzene	8.42	146	205196	45.489	ng	97
15) Benzyl Alcohol	8.31	79	188083	48.625	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	270190	38.523	ng	99
17) 2-Methylphenol	8.52	107	161350	48.853	ng	95
18) Hexachloroethane	9.15	117	78364	43.916	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	149268	44.185	ng	# 96
20) 3+4-Methylphenols	8.84	107	222062	49.062	ng	97
22) Acetophenone	8.89	105	281103	46.302	ng	# 97
24) Nitrobenzene	9.27	77	231156	50.012	ng	97
25) Isophorone	9.79	82	414345	48.680	ng	99
26) 2-Nitrophenol	9.98	139	109532	55.668	ng	97
27) 2,4-Dimethylphenol	10.05	122	179203	59.306	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	227279	47.063	ng	98
29) 2,4-Dichlorophenol	10.52	162	208759	55.550	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	235645	48.556	ng	97
31) Naphthalene	10.92	128	585510	50.501	ng	99
32) Benzoic acid	10.19	122	126998	52.879	ng	91
33) 4-Chloroaniline	11.03	127	113500	22.560	ng	94
34) Hexachlorobutadiene	11.21	225	168240	46.299	ng	95
35) Caprolactam	11.81	113	66848m	50.441	ng	
36) 4-Chloro-3-methylphenol	12.15	107	223664	54.738	ng	94
37) 2-Methylnaphthalene	12.52	142	439784	49.722	ng	95
38) 1-Methylnaphthalene	12.74	142	419761	50.155	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	292377	45.713	ng	98

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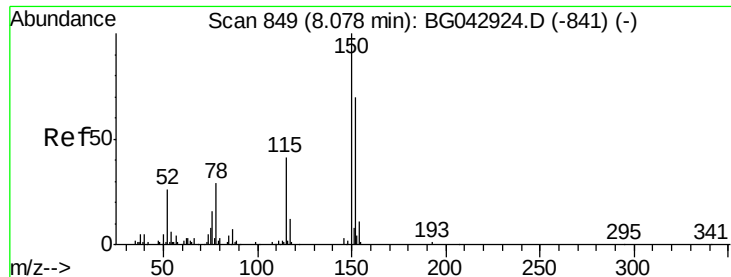
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	351434	86.238	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	195767	52.295	nq	94
44) 2,4,5-Trichlorophenol	13.20	196	212494	55.101	nq	99
46) 1,1'-Biphenyl	13.52	154	606090	46.984	nq	98
47) 2-Chloronaphthalene	13.57	162	479145	49.541	nq	99
48) 2-Nitroaniline	13.77	65	155192	48.252	nq	90
49) Acenaphthylene	14.41	152	769596	52.002	nq	99
50) Dimethylphthalate	14.15	163	747001	58.609	nq	100
51) 2,6-Dinitrotoluene	14.26	165	144253	53.147	nq	96
52) Acenaphthene	14.75	154	477158	48.169	nq	98
53) 3-Nitroaniline	14.59	138	92110	32.837	nq	# 99
54) 2,4-Dinitrophenol	14.79	184	168432	99.834	nq	94
55) Dibenzofuran	15.09	168	748583	51.085	nq	98
56) 4-Nitrophenol	14.91	139	235966	110.406	nq	95
57) 2,4-Dinitrotoluene	15.05	165	207470	52.197	nq	98
58) Fluorene	15.73	166	630504	50.398	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	214223	52.172	nq	98
60) Diethylphthalate	15.50	149	622679	48.005	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	368236	49.078	nq	99
62) 4-Nitroaniline	15.76	138	150717	49.266	nq	94
63) Azobenzene	16.02	77	572188	48.452	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	126432	54.137	nq	94
66) n-Nitrosodiphenylamine	15.94	169	563233	51.696	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	257092	49.632	nq	96
68) Hexachlorobenzene	16.74	284	283374	49.132	nq	98
69) Atrazine	16.88	200	218227	47.566	nq	96
70) Pentachlorophenol	17.08	266	367990	110.573	nq	98
71) Phenanthrene	17.47	178	1018629	50.555	nq	98
72) Anthracene	17.57	178	1038881	51.647	nq	99
73) Carbazole	17.84	167	949023	50.878	nq	100
74) Di-n-butylphthalate	18.39	149	1080527	48.551	nq	99
75) Fluoranthene	19.48	202	1323973	49.679	nq	100
77) Benzidine	19.66	184	717894	64.203	nq	99
78) Pyrene	19.84	202	1327929	49.821	nq	98
80) Butylbenzylphthalate	20.73	149	510568	50.466	nq	98
81) Benzo(a)anthracene	21.68	228	1377017	49.488	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	350386	32.106	nq	99
83) Chrysene	21.75	228	1337190	49.521	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	736276	51.144	nq	97
85) Di-n-octyl phthalate	22.81	149	1242976	52.801	nq	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1778249	52.900	nq	99
88) Benzo(b)fluoranthene	23.91	252	1465281	48.869	nq	98
89) Benzo(k)fluoranthene	23.97	252	1433325	48.322	nq	99
90) Benzo(a)pyrene	24.78	252	1461941	51.680	nq	100
91) Dibenzo(a,h)anthracene	28.66	278	1507872	51.982	nq	99
92) Benzo(g,h,i)perylene	29.75	276	1488958	52.977	nq	98

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



#1

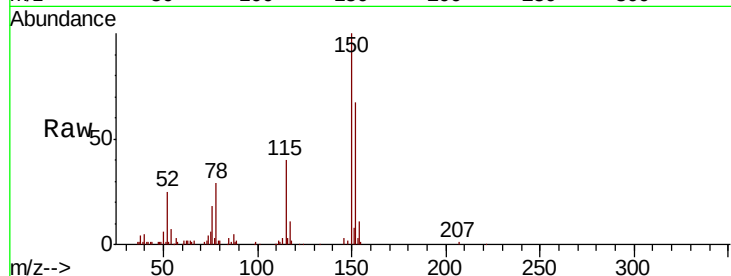
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	115.0	172.4
115	59.7	47.0	70.6

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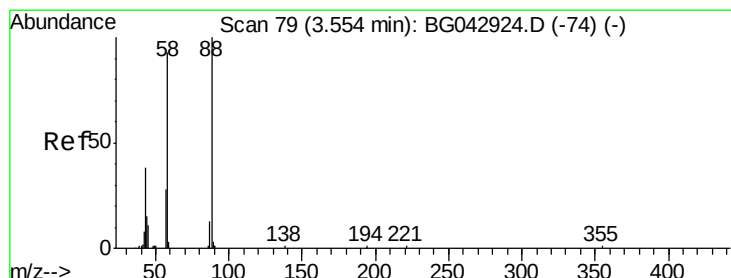
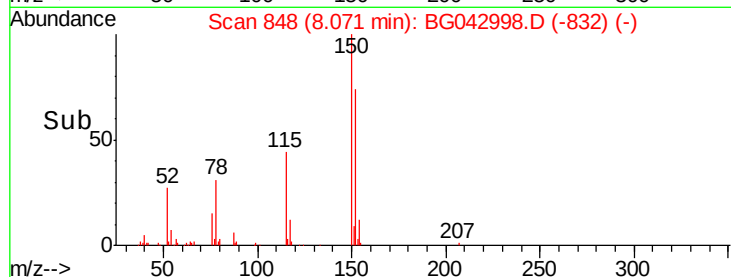
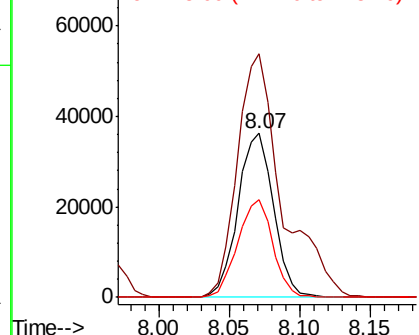


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

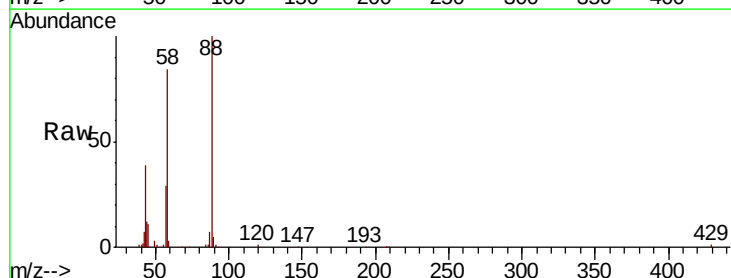
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.906 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	74.3	111.5
43	37.5	29.8	44.8

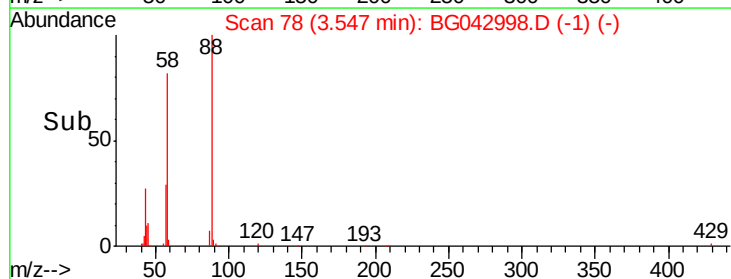
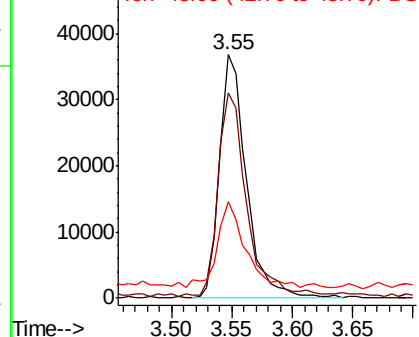


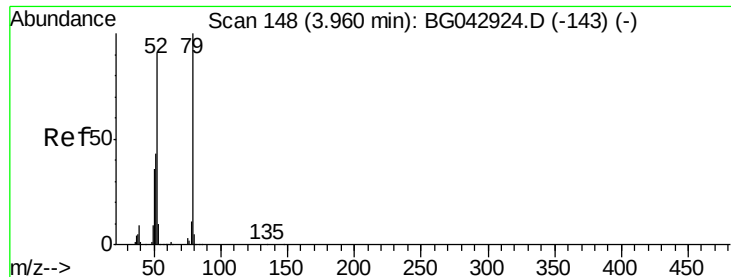
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.288 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

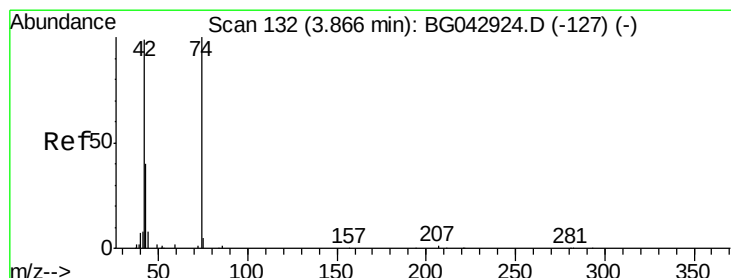
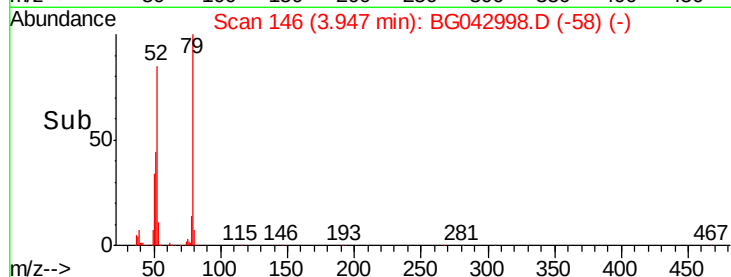
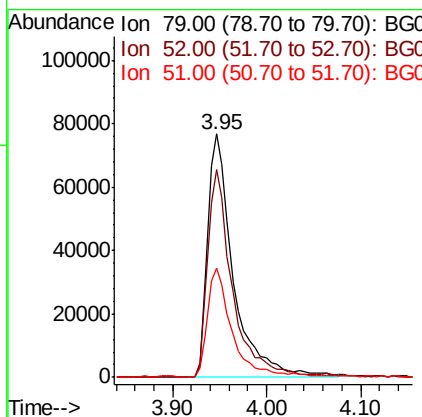
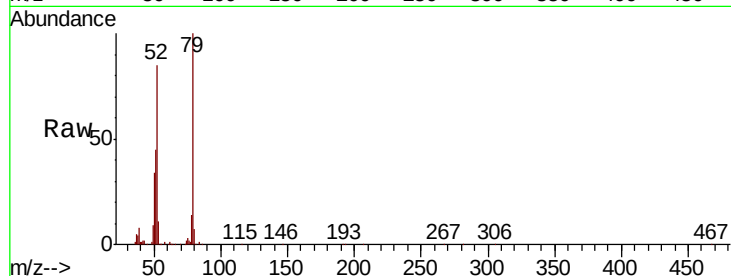
ClientSampled :

S-1MSD

Tot Ion:	79	Resp:	147838
Ion	Ratio	Lower	Upper
79	100		
52	85.4	73.0	109.4
51	44.9	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 44.537 ng

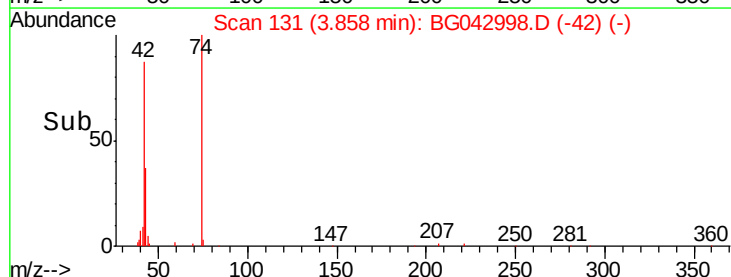
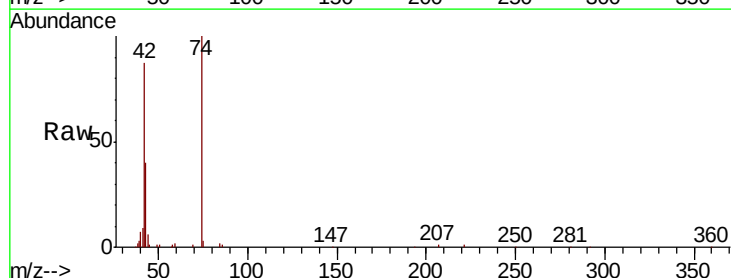
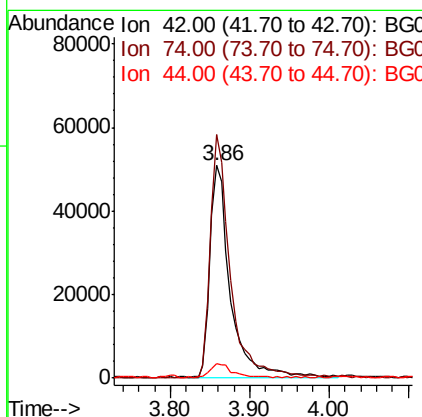
RT: 3.86 min Scan# 131

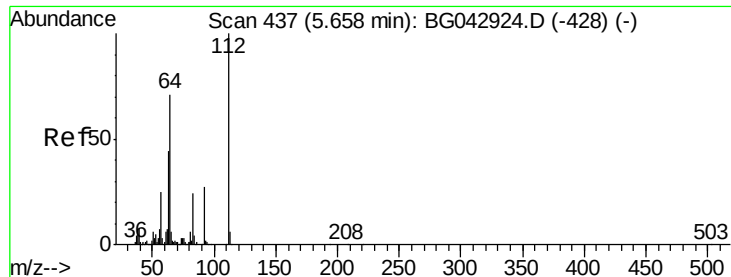
Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	42	Resp:	89728
Ion	Ratio	Lower	Upper
42	100		
74	114.6	80.5	120.7
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 130.490 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

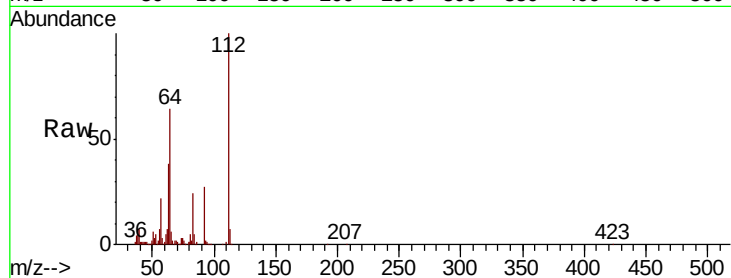
ClientSampleId :

S-1MSD

Tot Ion:	112	Resp:	466194
Ion Ratio	Lower	Upper	
112	100		
64	63.9	56.6	84.8
63	37.9	35.1	52.7

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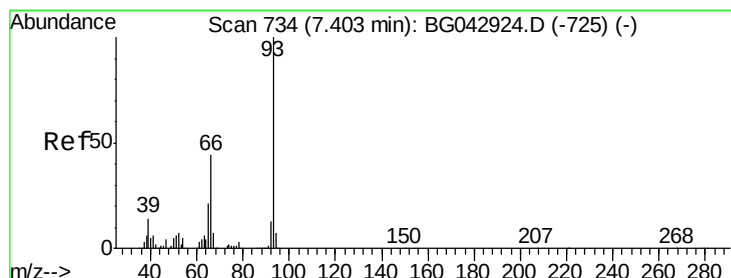
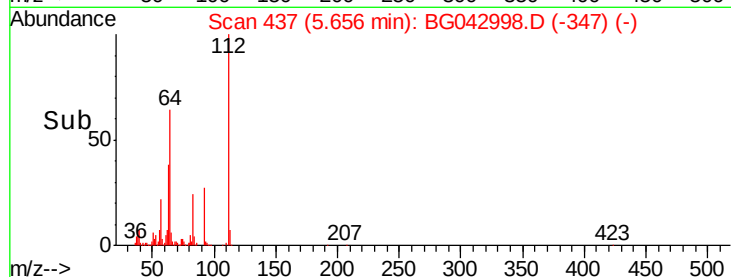
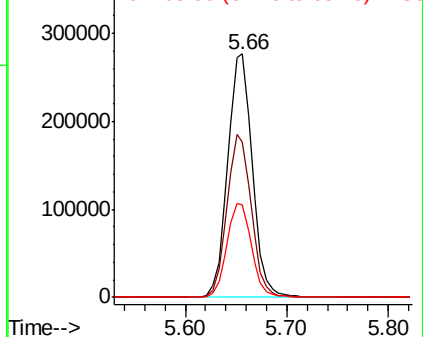
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.079 ng

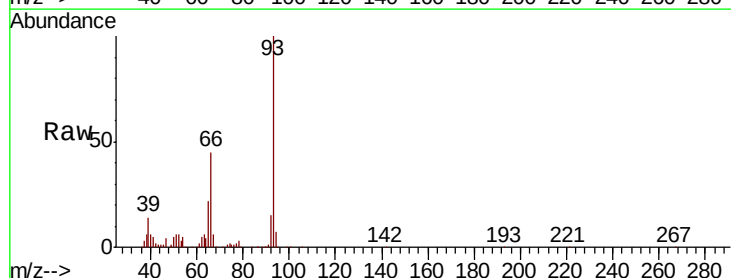
RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

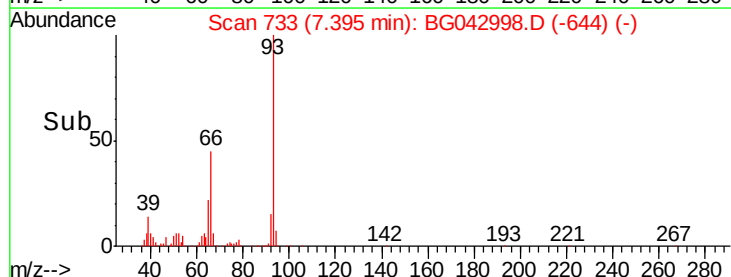
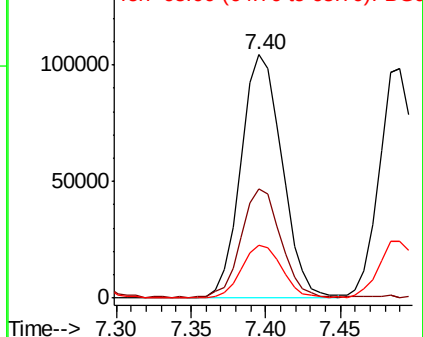
Tgt Ion:	93	Resp:	199223
Ion Ratio	Lower	Upper	
93	100		
66	44.9	35.0	52.6
65	21.5	17.4	26.0

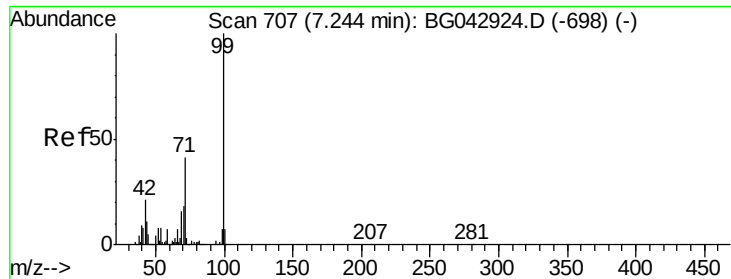


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.190 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

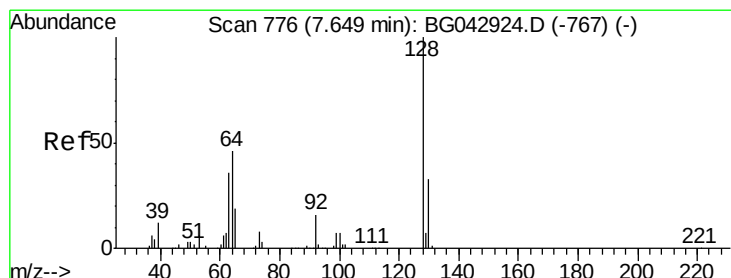
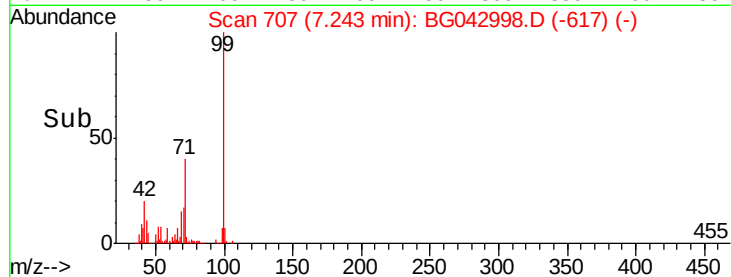
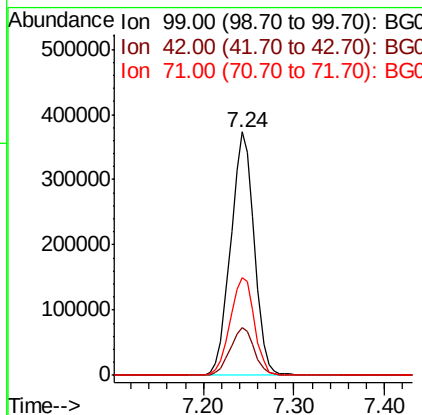
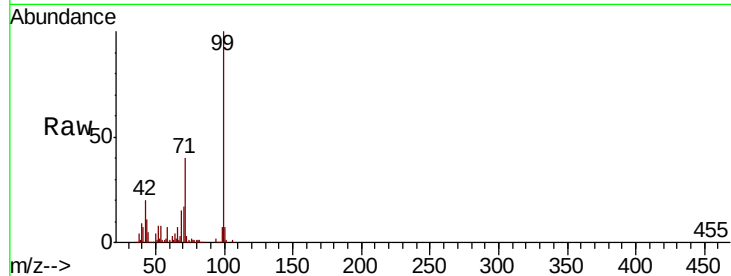
ClientSampled :

S-1MSD

Tot Ion:	99	Resp:	674947
Ion Ratio	Lower	Upper	
99	100		
42	19.9	17.2	25.8
71	40.0	33.1	49.7

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#8

2-Chlorophenol

Concen: 50.271 ng

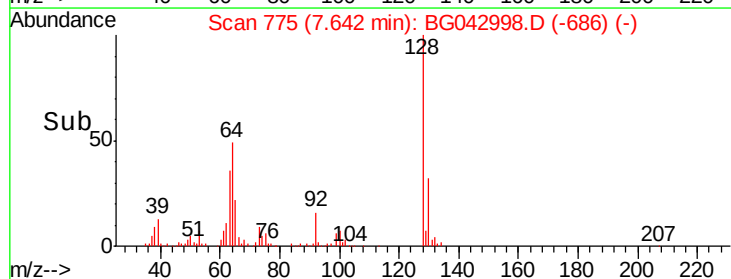
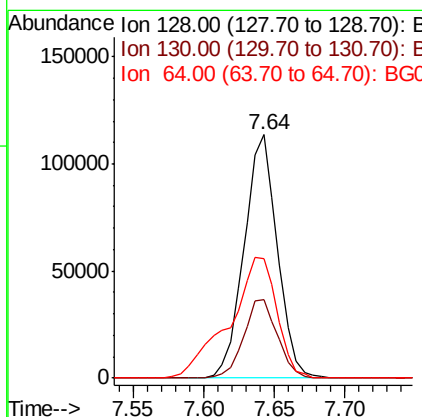
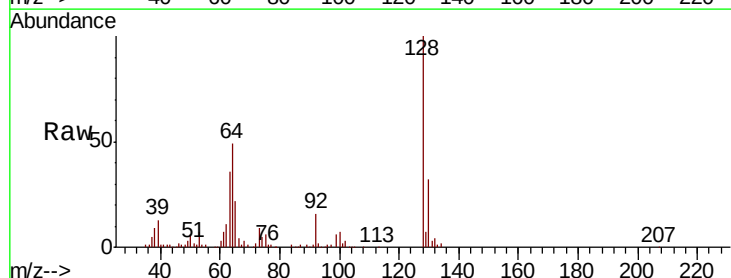
RT: 7.64 min Scan# 775

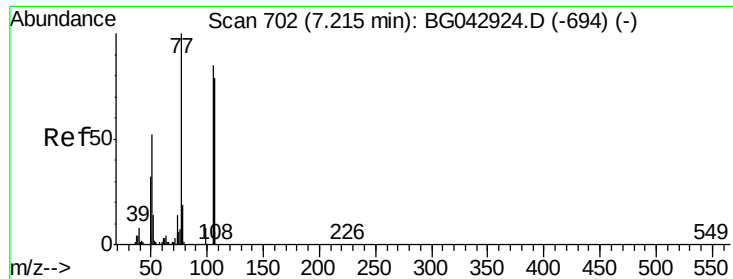
Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	128	Resp:	187298
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.5	52.5
64	49.3	32.8	72.8





#9

Benzaldehyde

Concen: 39.217 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

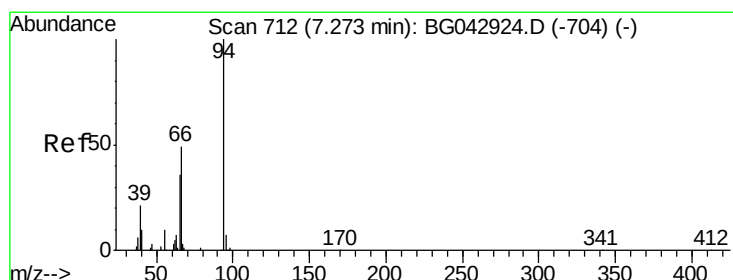
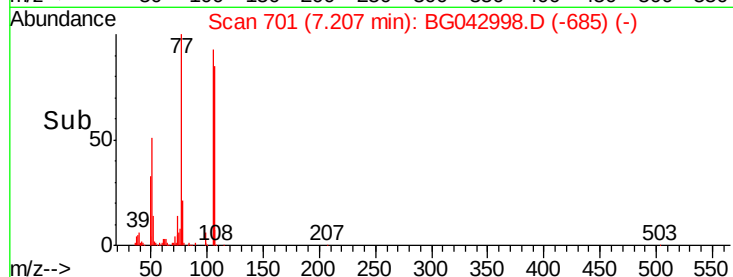
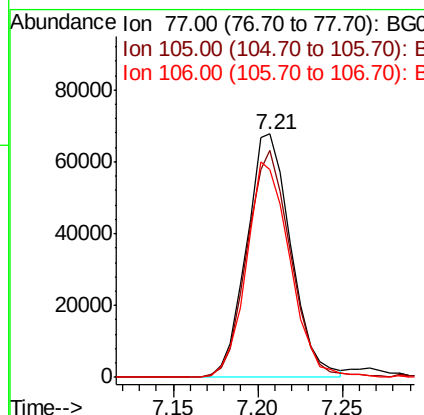
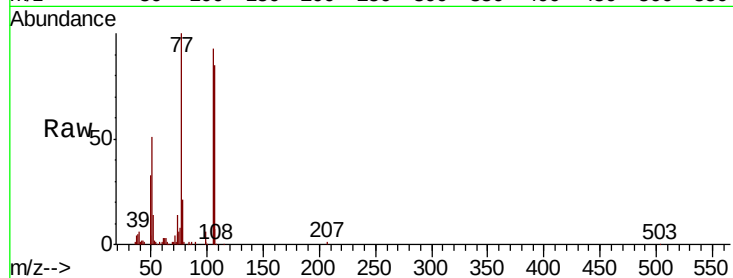
ClientSampleId :

S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	93.3	64.6	104.6		
106	85.3	59.4	99.4		

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#10

Phenol

Concen: 52.653 ng

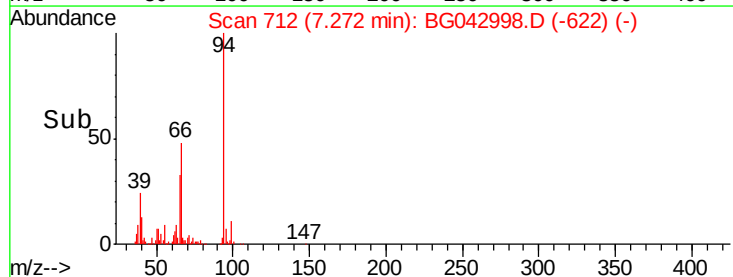
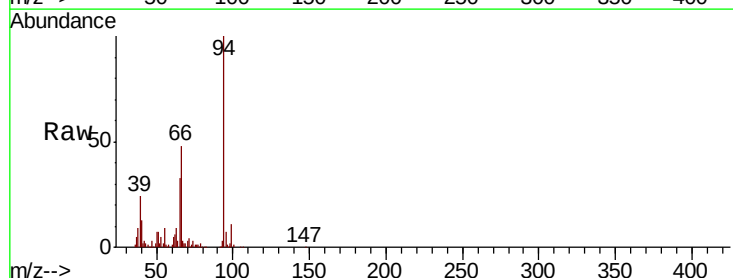
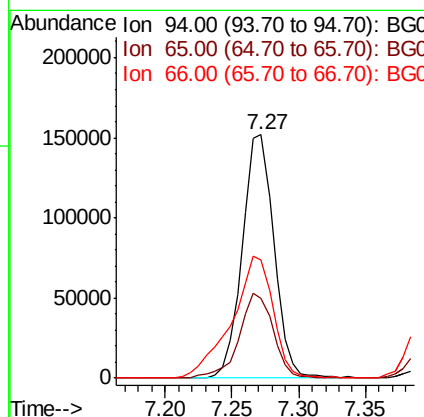
RT: 7.27 min Scan# 712

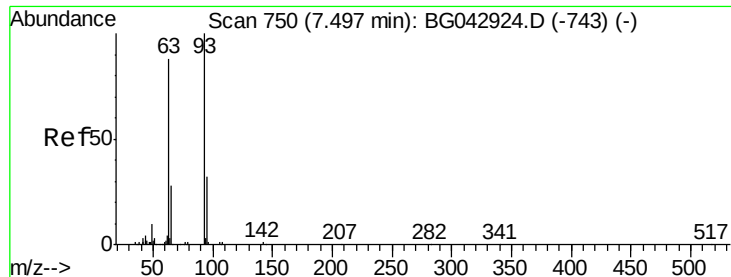
Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.7	16.6	56.6		
66	48.4	32.4	72.4		





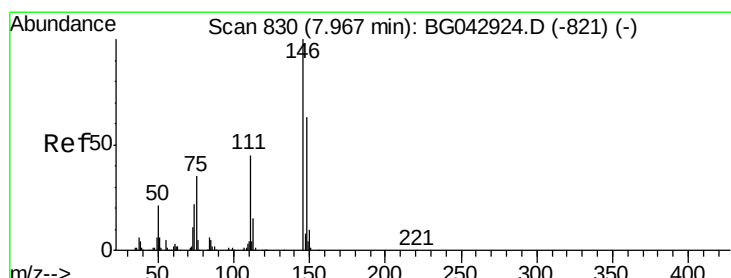
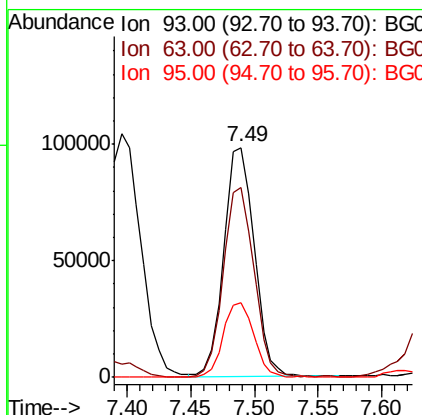
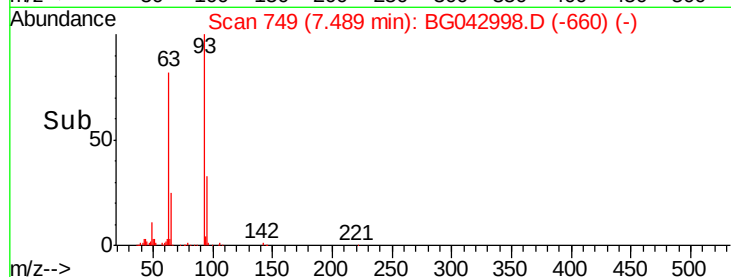
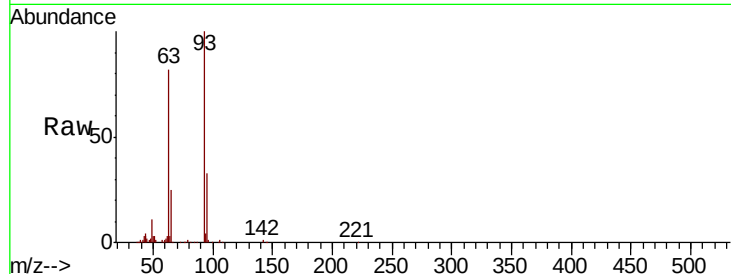
#11
bis(2-Chloroethyl)ether
Concen: 44.833 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	67.4	107.4
95	32.5	11.9	51.9

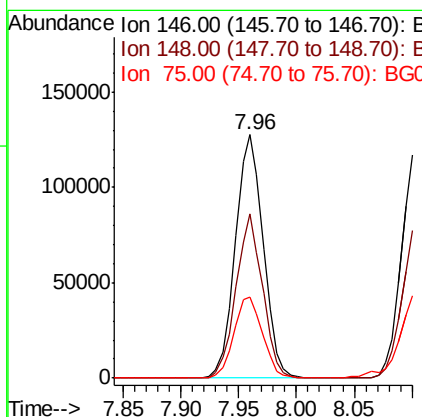
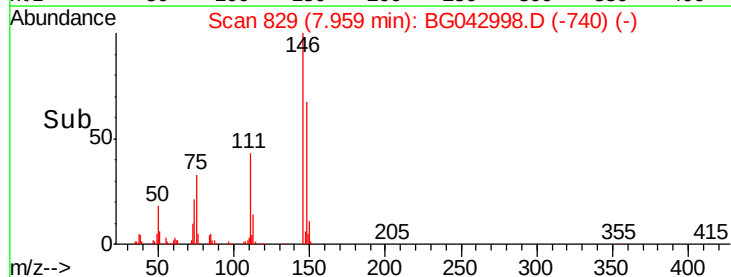
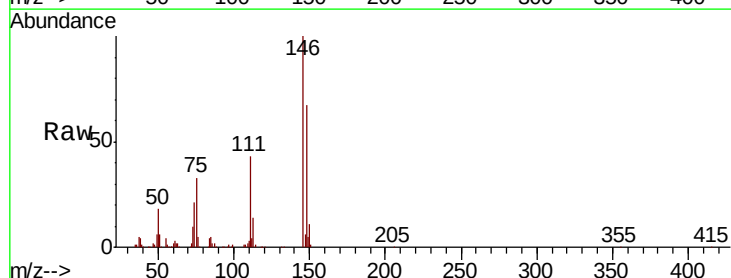
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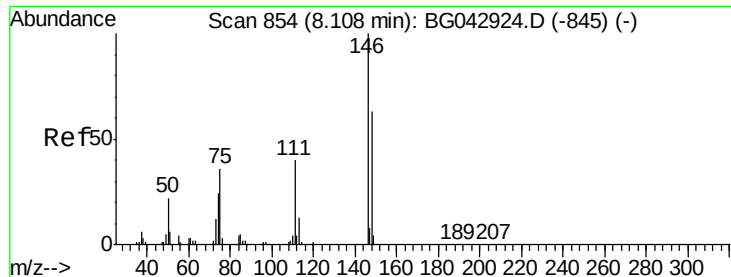
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.690 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.7	76.1
75	33.0	27.7	41.5





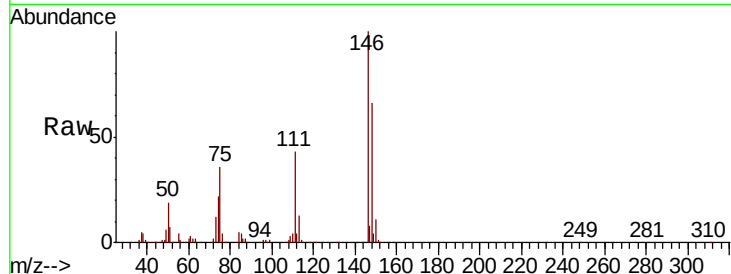
#13
 1,4-Dichlorobenzene
 Concen: 44.928 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.9	76.3
111	43.1	31.8	47.8

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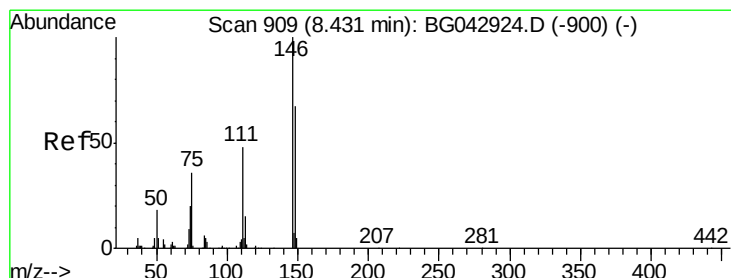
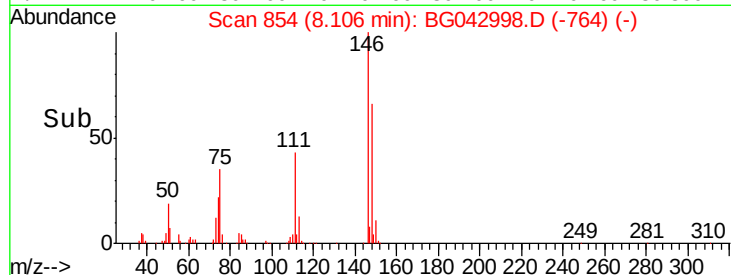
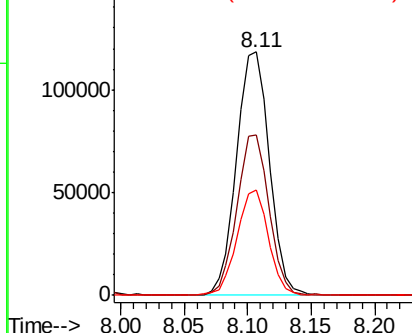


Abundance

Ion 146.00 (145.70 to 146.70): E

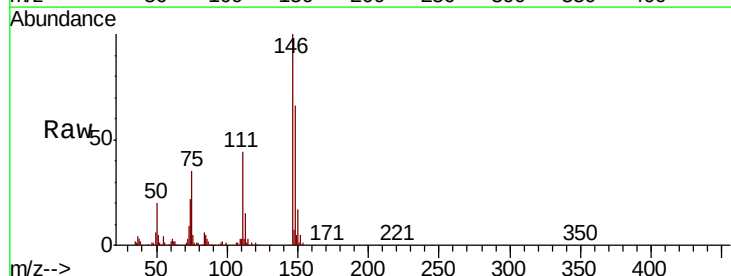
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.489 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.4	80.2
111	43.8	38.5	57.7

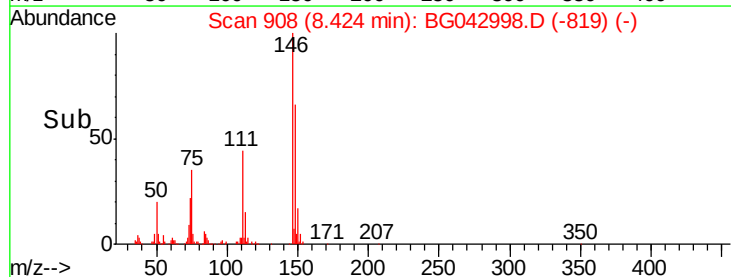
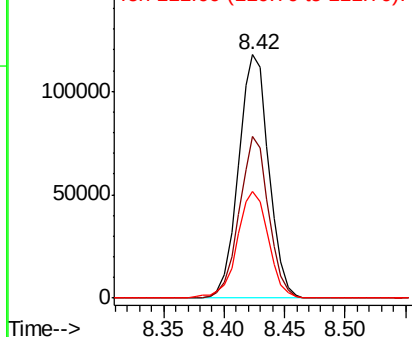


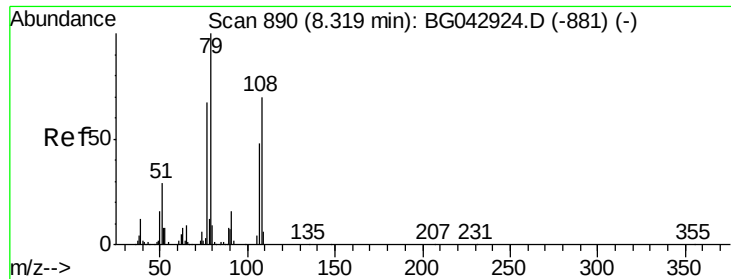
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





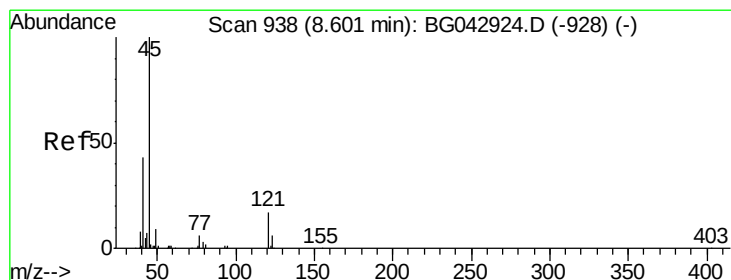
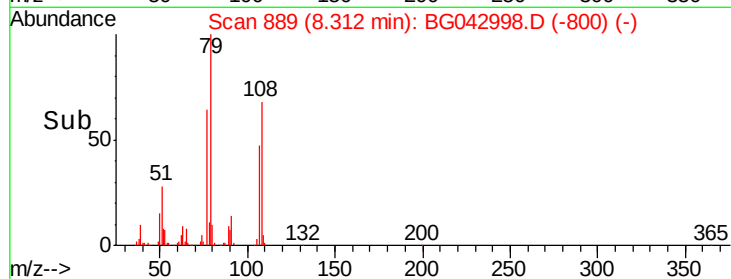
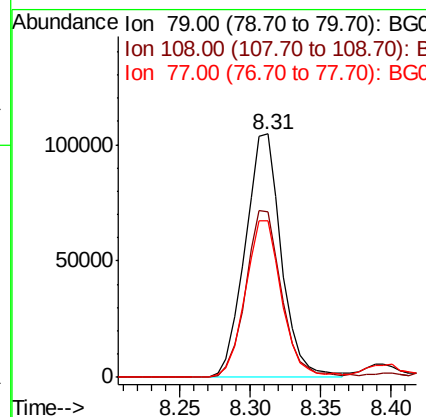
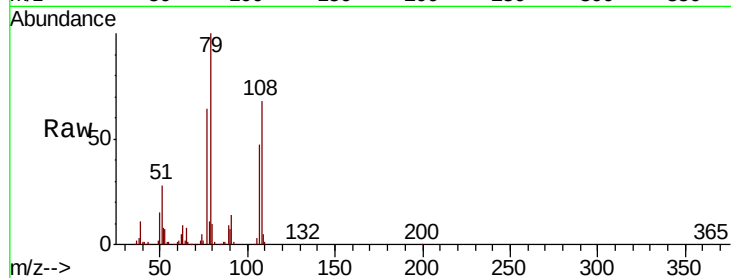
#15
Benzyl Alcohol
Concen: 48.625 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.0	55.7	83.5
77	64.4	53.3	79.9

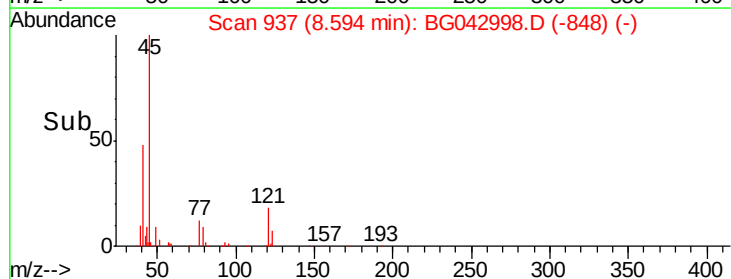
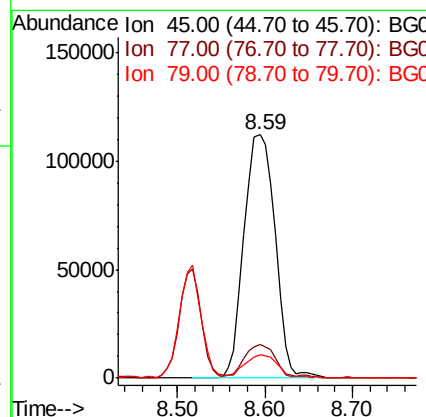
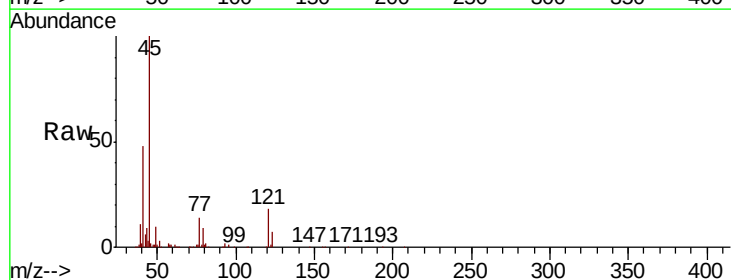
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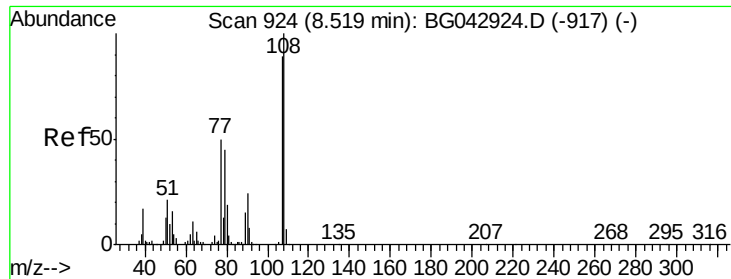
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.523 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.8
79	9.4	0.0	29.4





#17

2-Methylphenol

Concen: 48.853 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

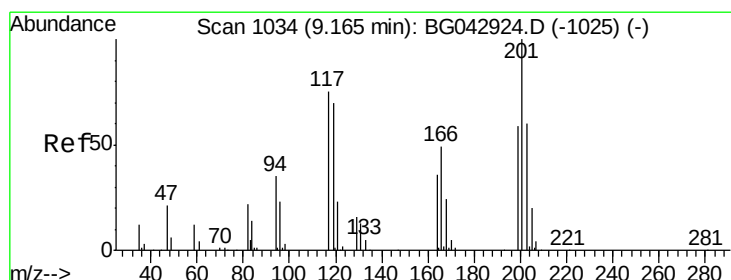
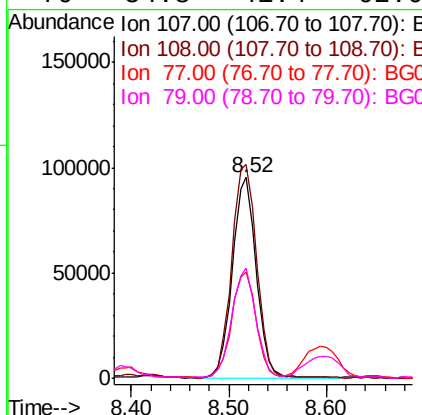
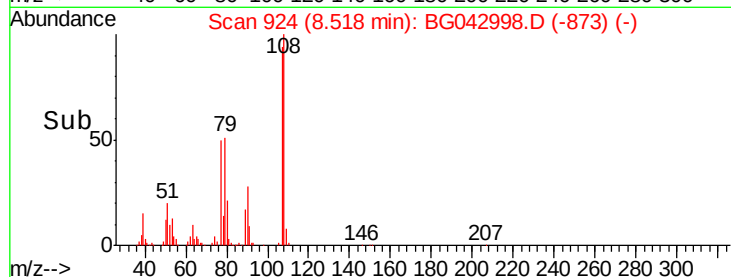
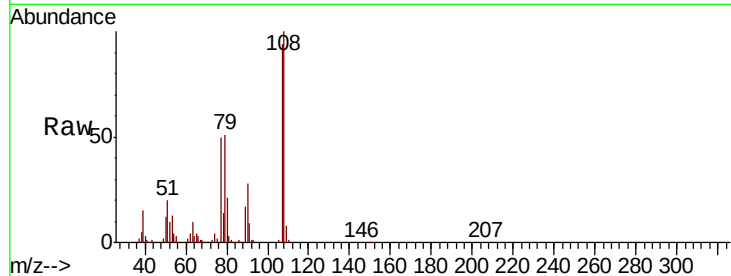
ClientSampleId :

S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.6	89.9	134.9	
77	52.8	45.4	68.2	
79	54.8	41.4	62.0	

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#18

Hexachloroethane

Concen: 43.916 ng

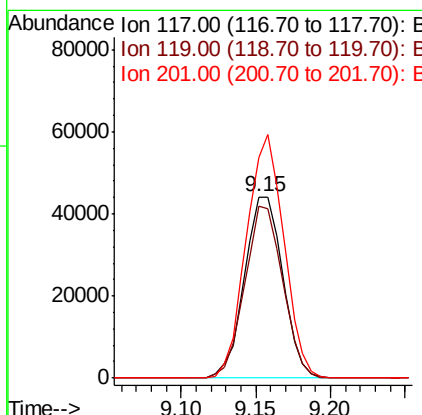
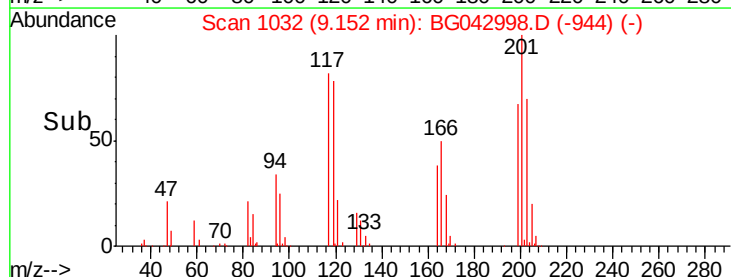
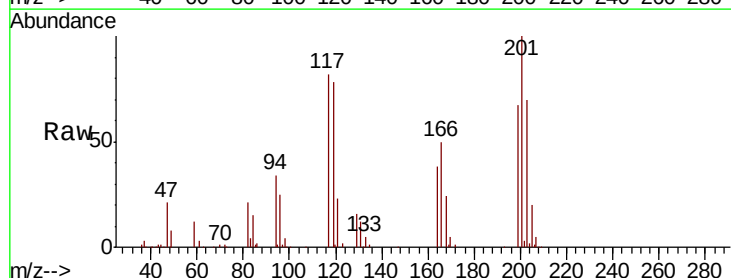
RT: 9.15 min Scan# 1032

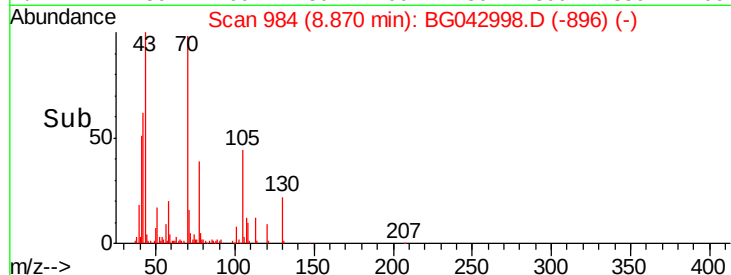
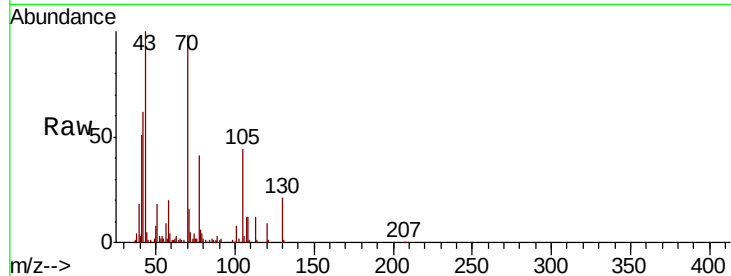
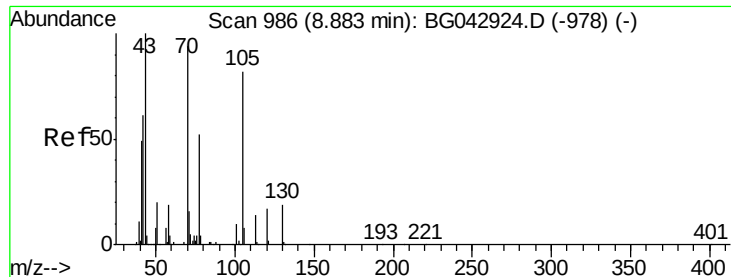
Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	74.6	111.8	
201	122.0	106.0	159.0	





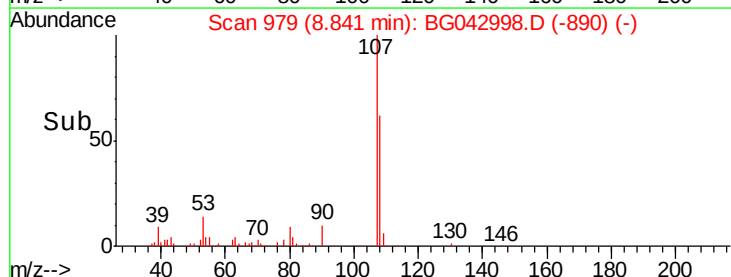
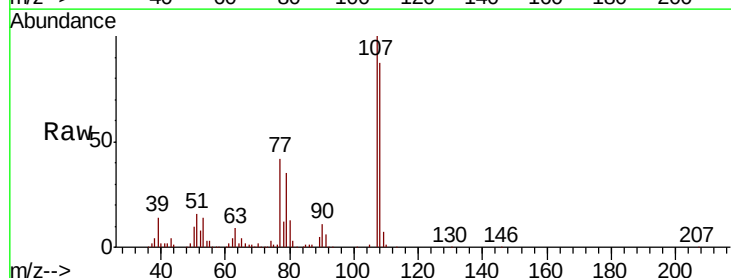
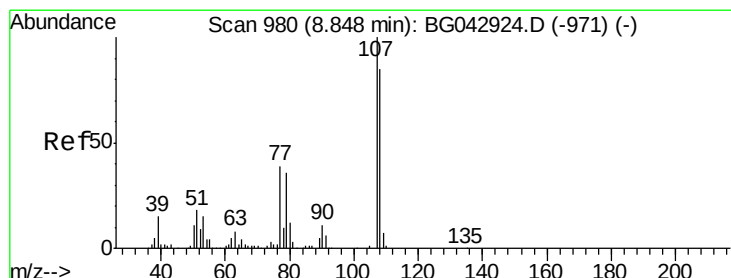
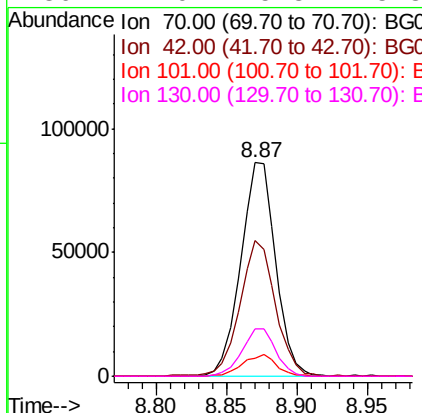
#19
n-Nitroso-di-n-propylamine
Concen: 44.185 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	52.6	79.0
101	8.6	8.7	13.1
130	22.0	15.8	23.8

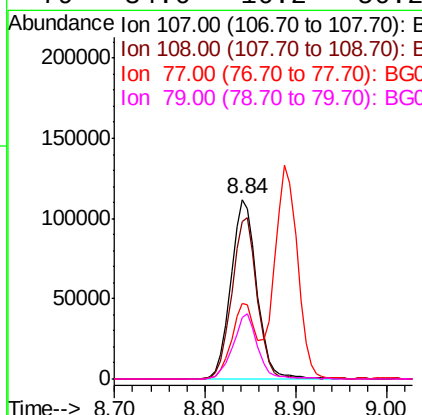
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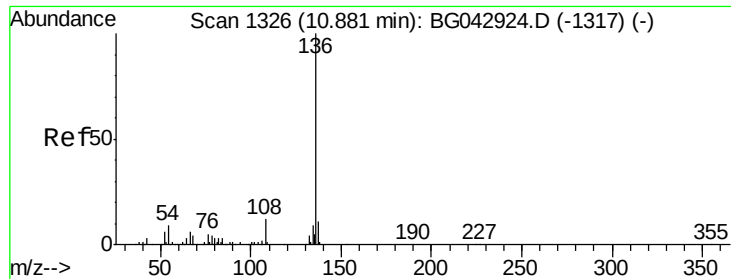
mohammad
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#20
3+4-Methylphenols
Concen: 49.062 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	64.9	104.9
77	41.8	19.4	59.4
79	34.6	16.2	56.2





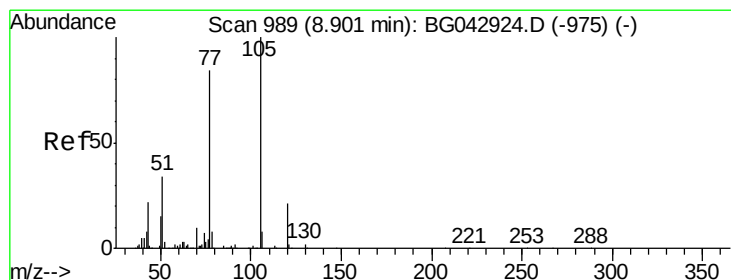
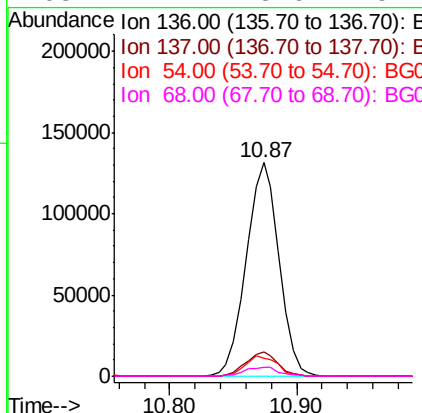
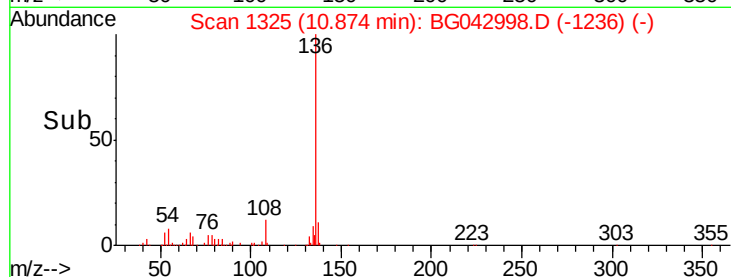
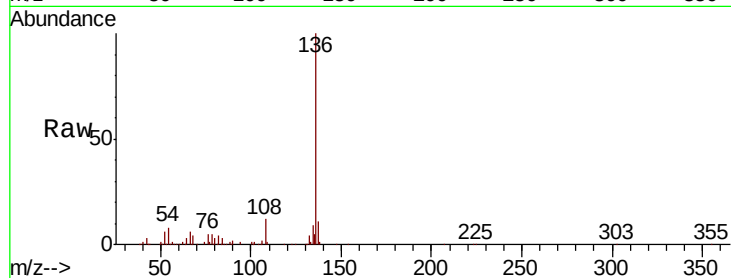
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	8.2	7.4	11.2	
68	4.1	3.6	5.4	

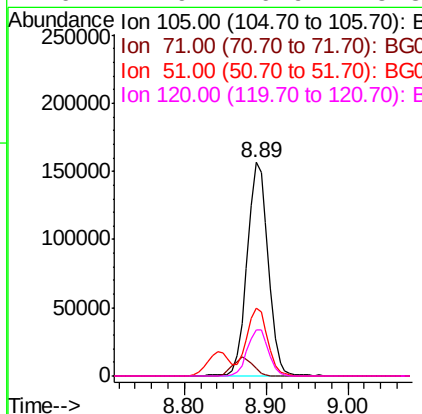
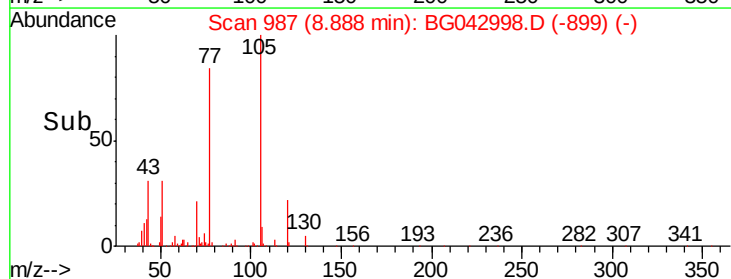
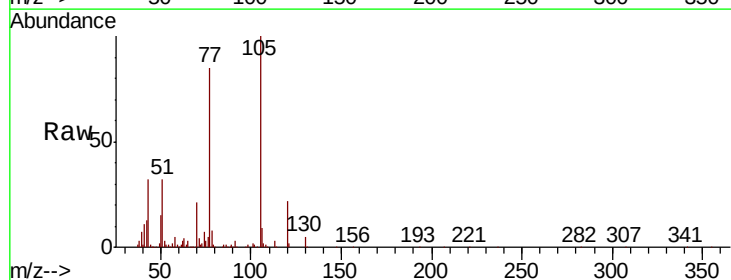
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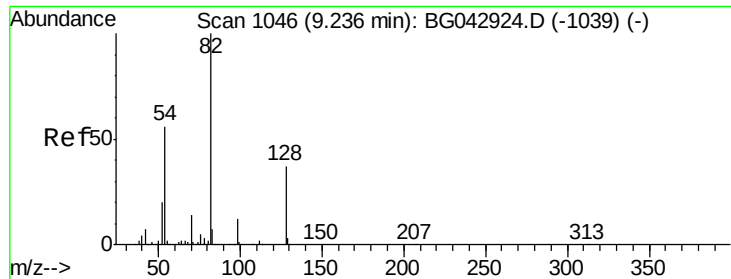
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#22
Acetophenone
Concen: 46.302 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	1.2	1.8#	
51	31.5	27.2	40.8	
120	21.9	16.9	25.3	





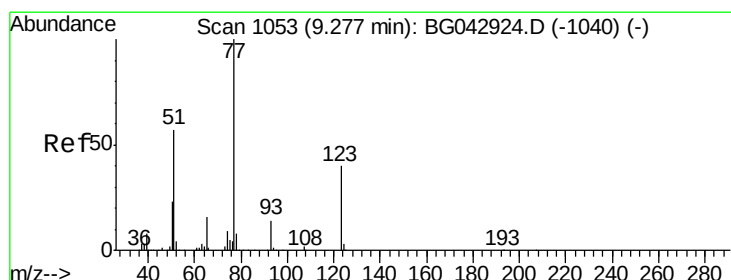
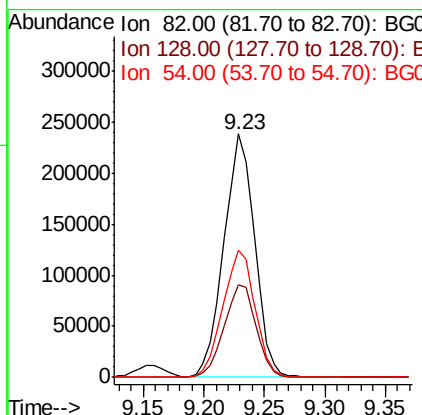
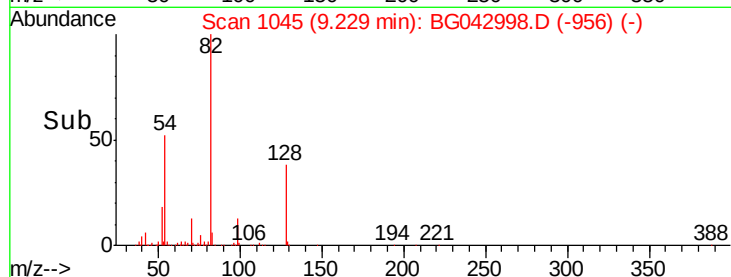
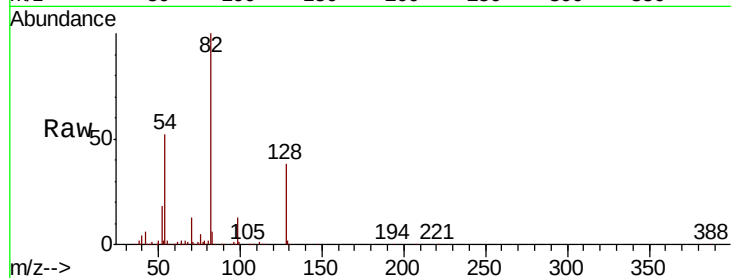
#23
Nitrobenzene-d5
Concen: 87.327 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.5	44.3
54	52.2	44.6	67.0

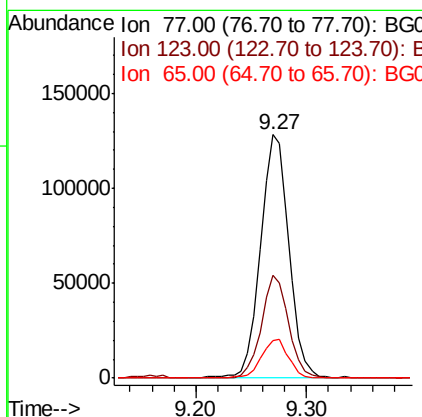
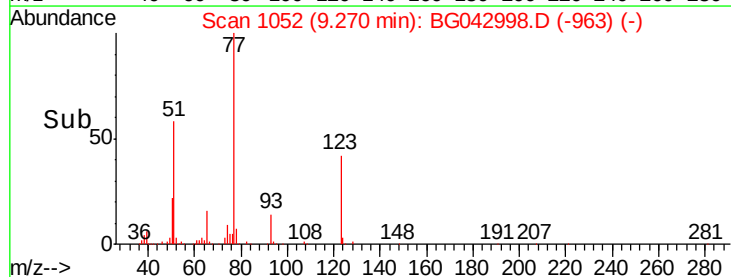
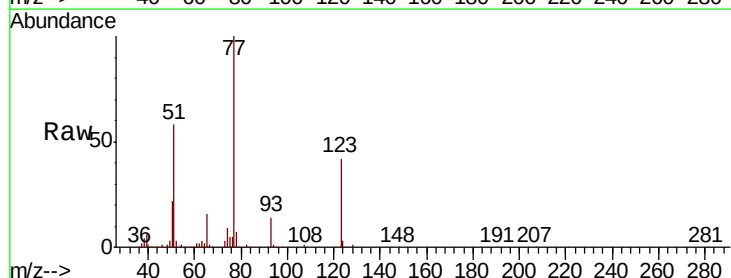
Manual Integrations
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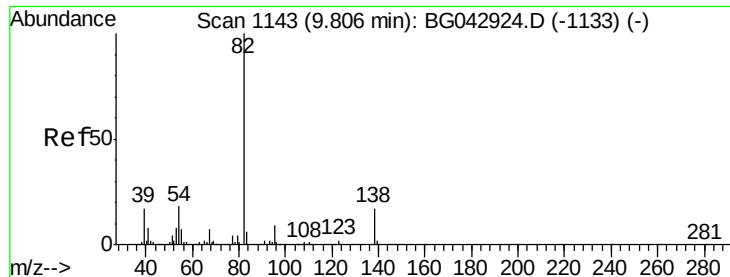
mohammad
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#24
Nitrobenzene
Concen: 50.012 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	31.9	47.9
65	15.6	12.4	18.6





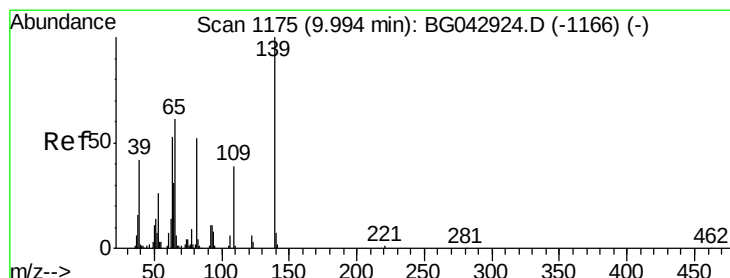
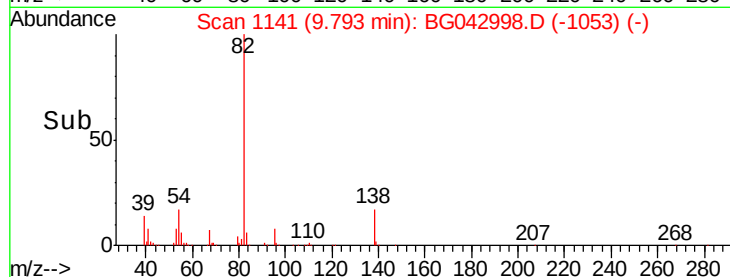
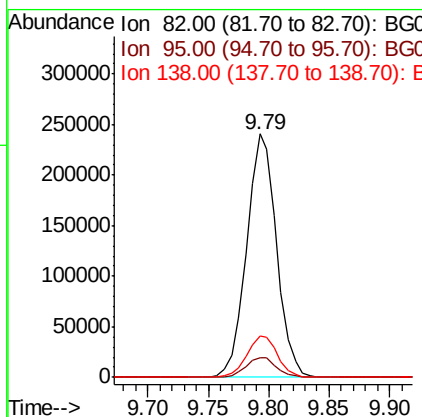
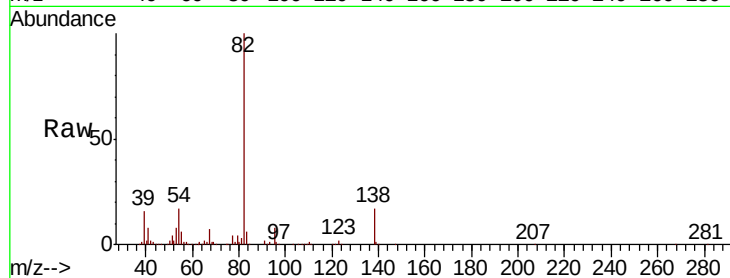
#25
Isophorone
Concen: 48.680 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	7.0	10.4
138	16.8	13.8	20.6

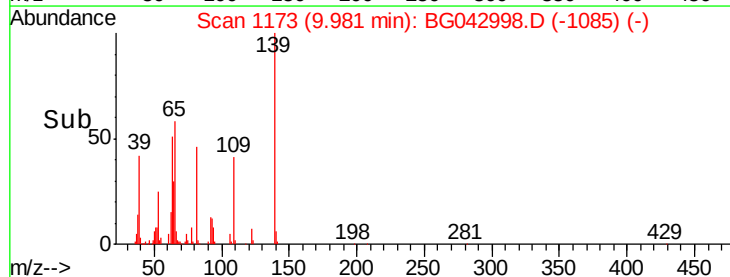
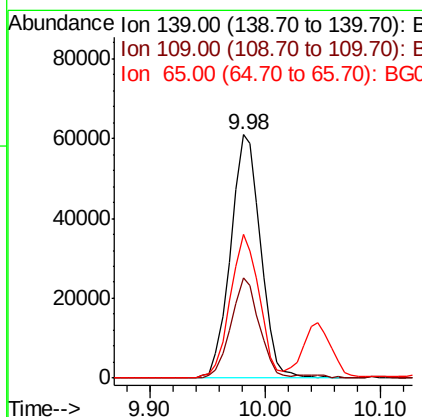
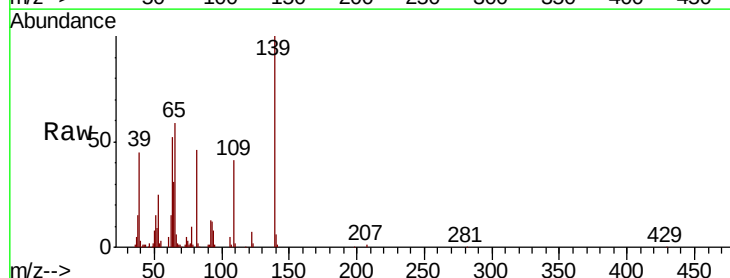
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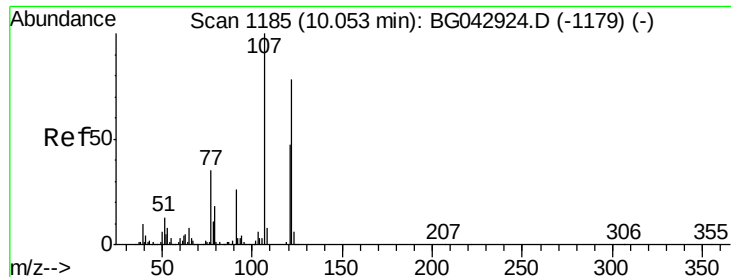
mohammad
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#26
2-Nitrophenol
Concen: 55.668 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.3	31.0	46.6
65	59.0	48.4	72.6





#27

2,4-Dimethylphenol

Concen: 59.306 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

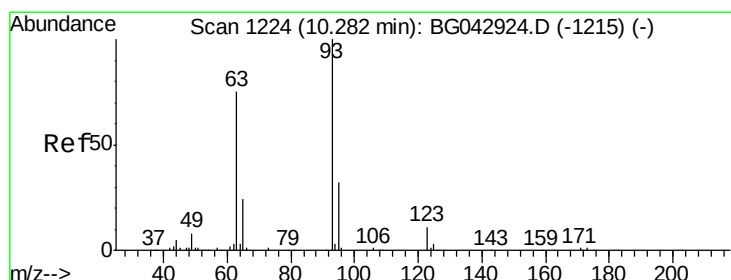
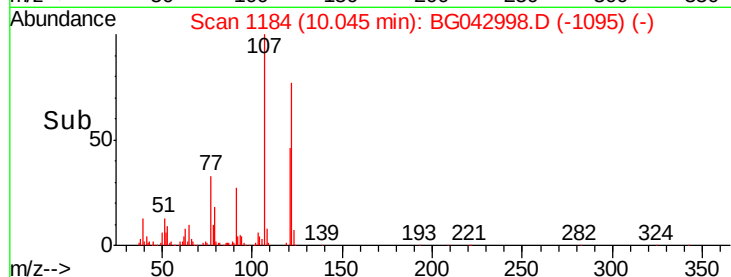
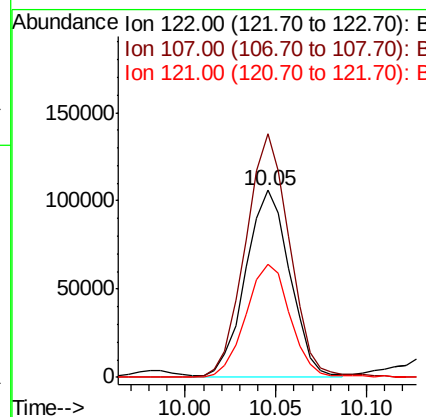
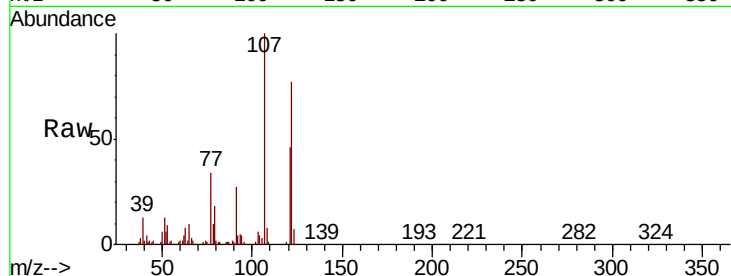
ClientSampled :

S-1MSD

Tot Ion:	122	Resp:	179203
Ion Ratio	Lower	Upper	
122	100		
107	130.2	102.2	153.2
121	60.3	48.5	72.7

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#28

bis(2-Chloroethoxy)methane

Concen: 47.063 ng

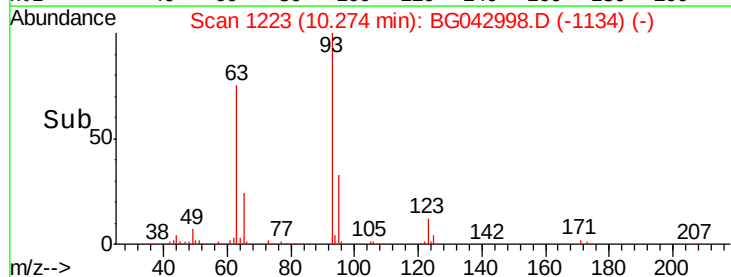
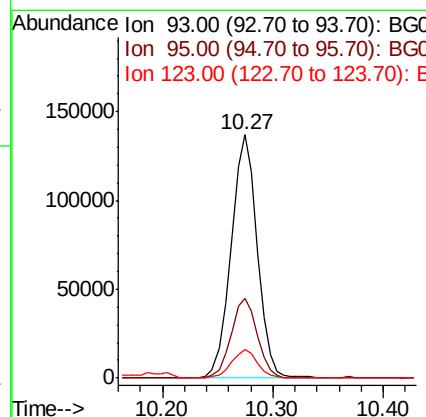
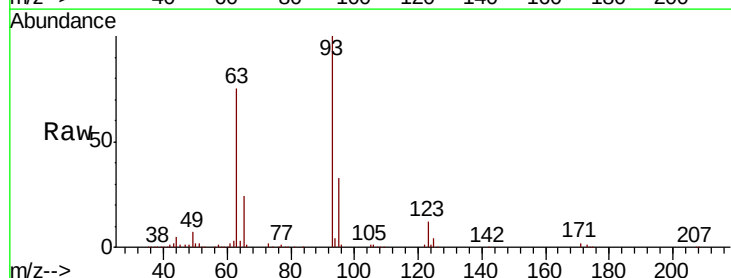
RT: 10.27 min Scan# 1223

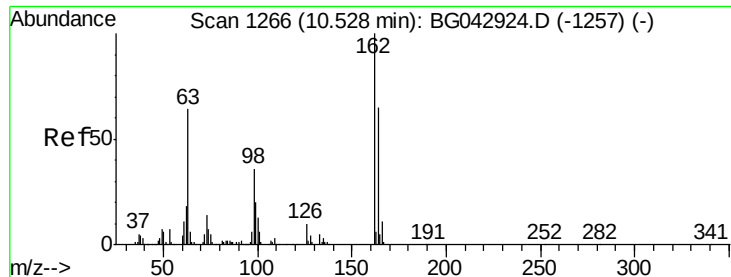
Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	93	Resp:	227279
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.4	38.0
123	11.7	9.3	13.9





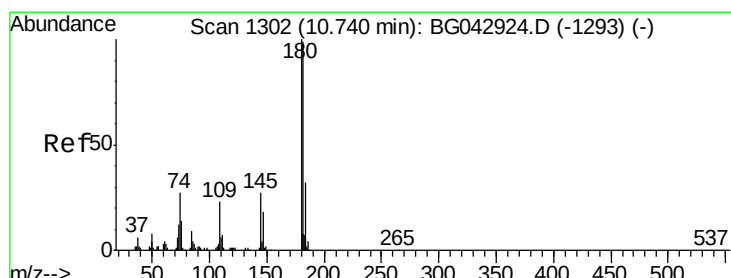
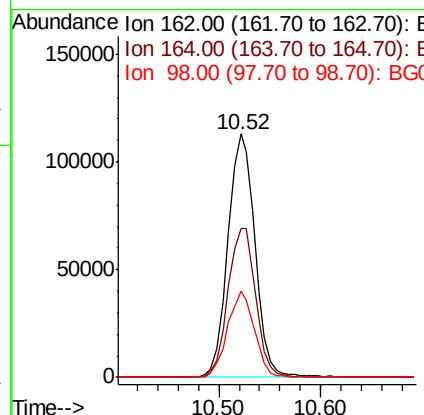
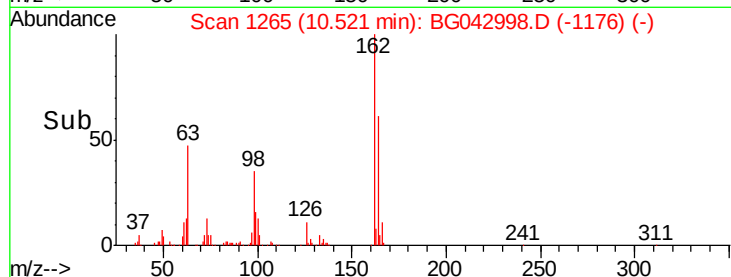
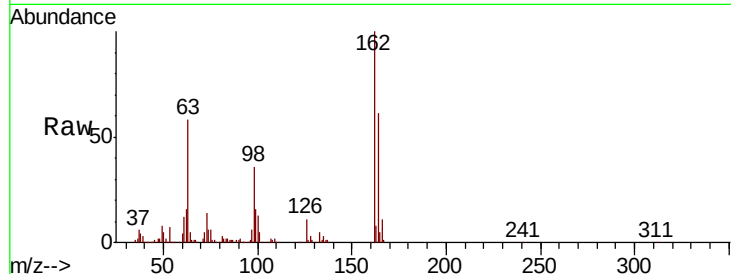
#29
2,4-Dichlorophenol
Concen: 55.550 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.4	44.7	84.7	
98	35.6	16.0	56.0	

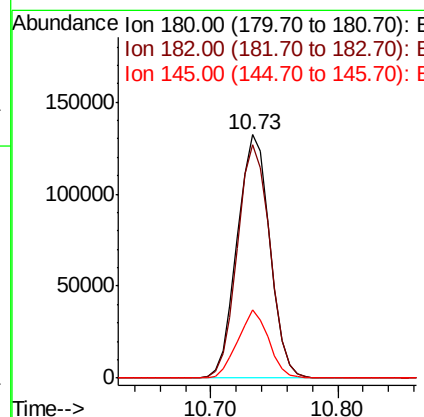
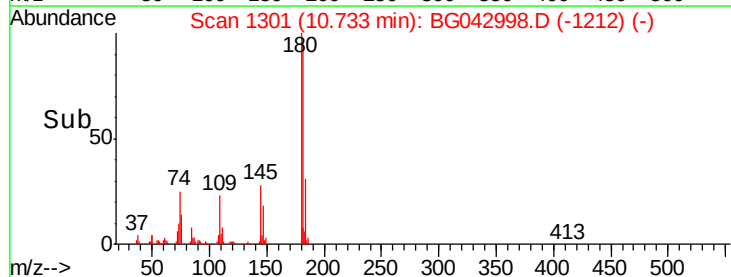
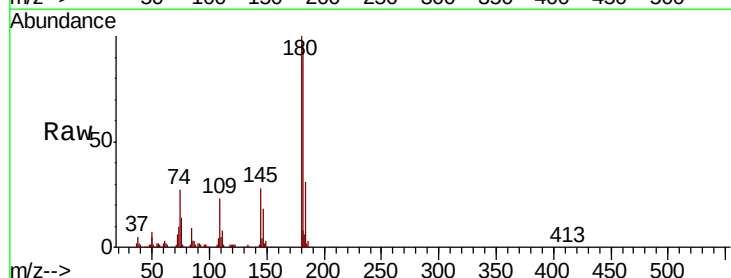
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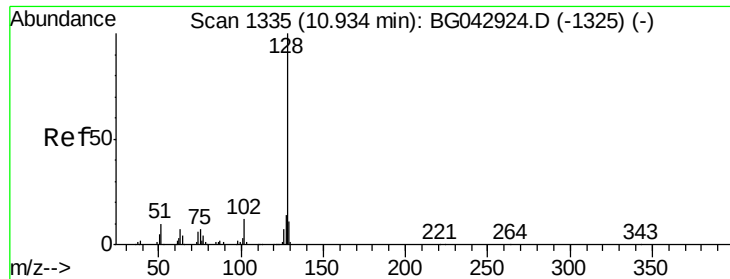
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#30
1,2,4-Trichlorobenzene
Concen: 48.556 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	79.3	118.9	
145	28.3	22.0	33.0	





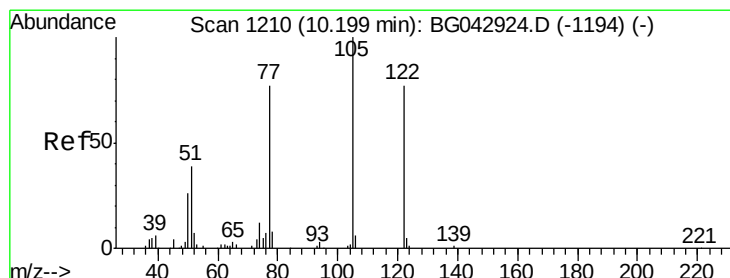
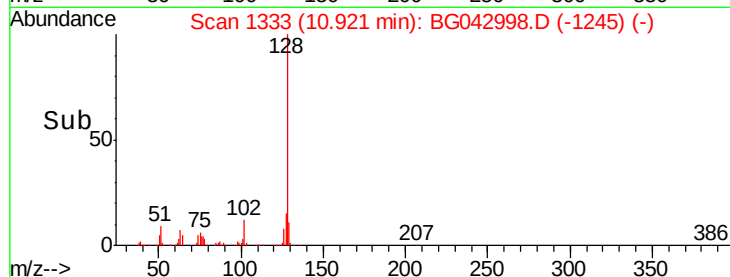
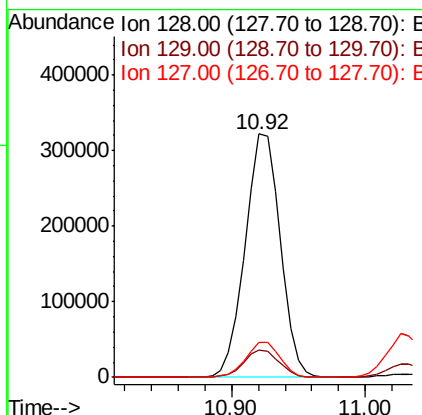
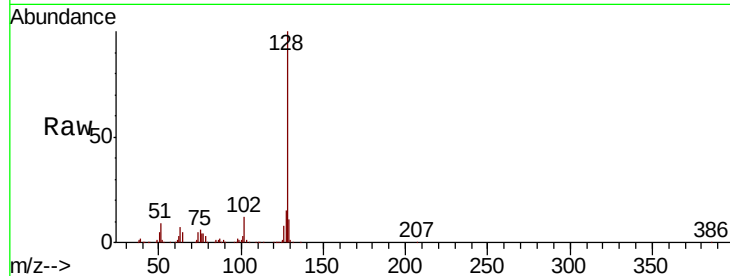
#31
Naphthalene
Concen: 50.501 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	585510		
129	11.3		8.8	13.2
127	14.5		11.3	16.9

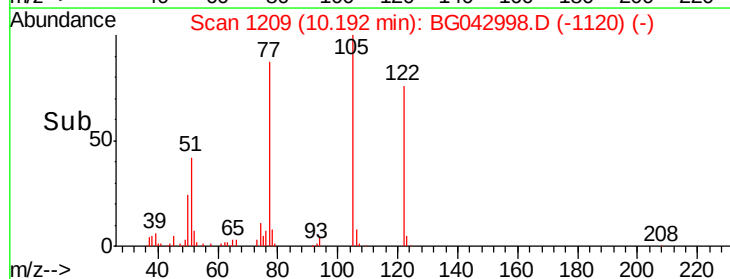
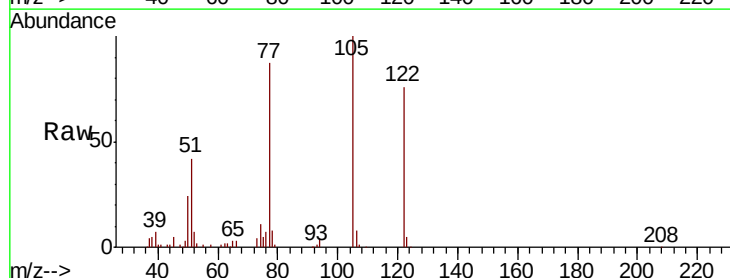
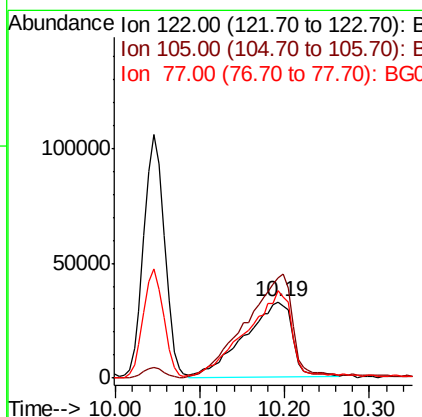
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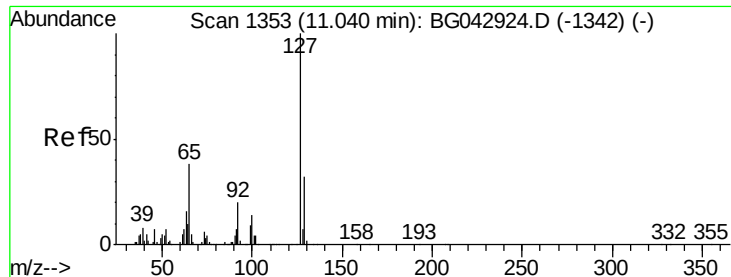
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#32
Benzoic acid
Concen: 52.879 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	126998		
105	131.7		107.5	147.5
77	115.0		79.8	119.8





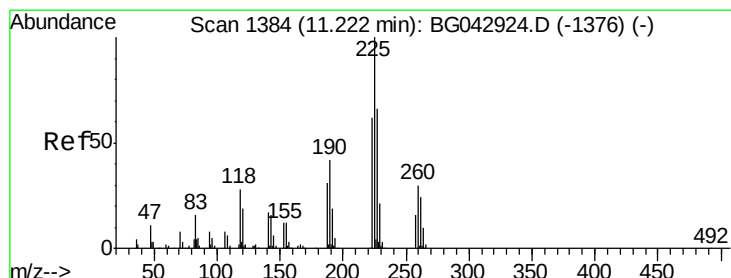
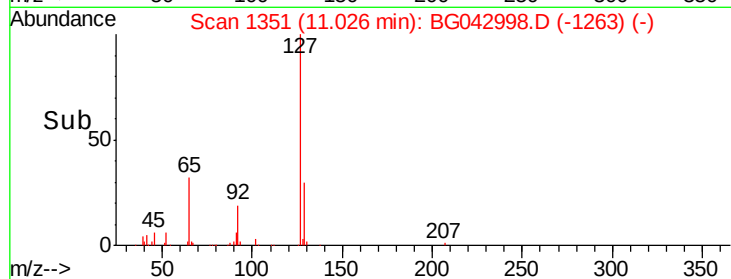
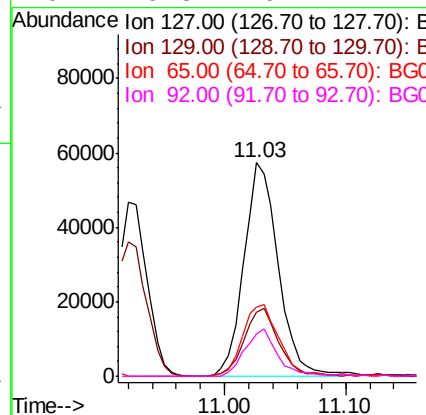
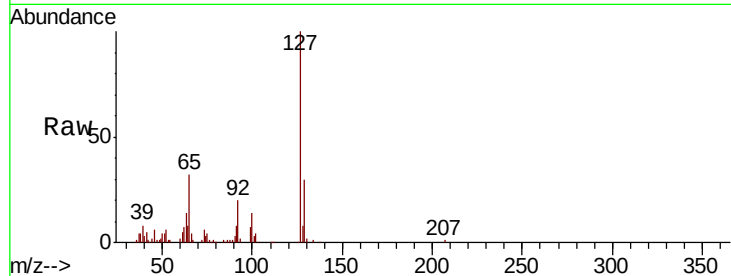
#33
 4-Chloroaniline
 Concen: 22.560 ng
 RT: 11.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.8	26.2	39.2	
65	32.4	30.6	45.8	
92	19.8	16.2	24.4	

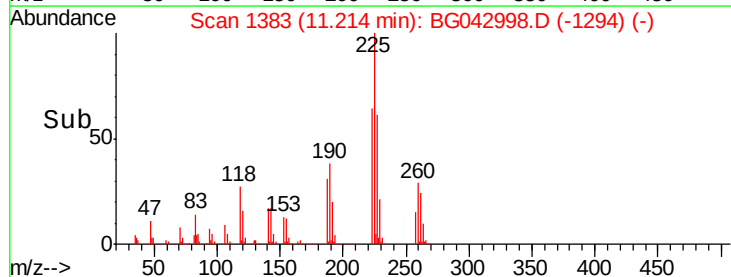
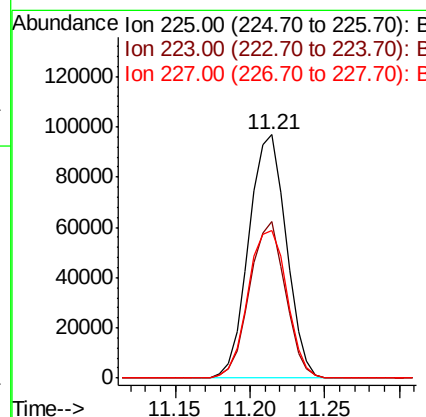
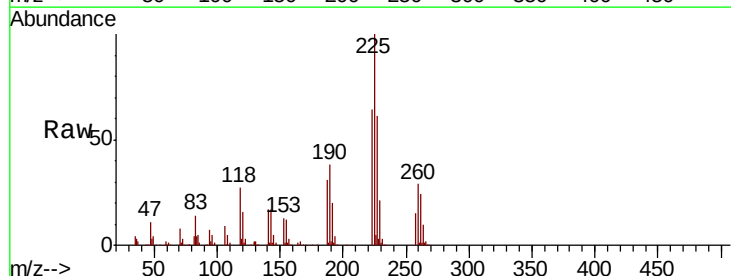
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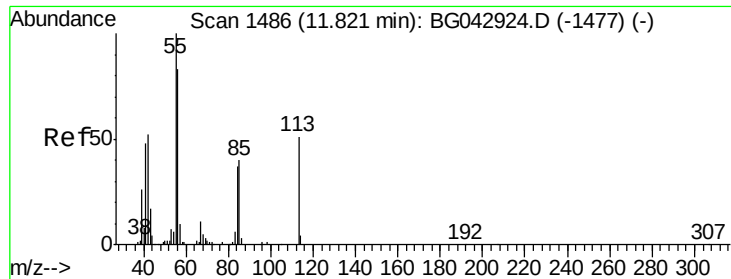
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#34
 Hexachlorobutadiene
 Concen: 46.299 ng
 RT: 11.21 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	49.3	73.9	
227	60.5	52.8	79.2	





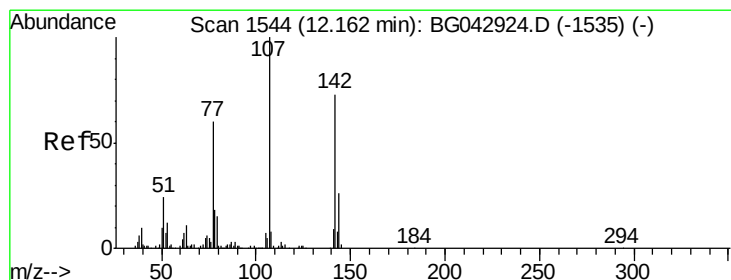
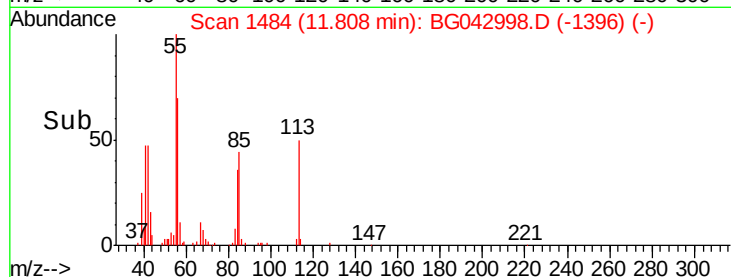
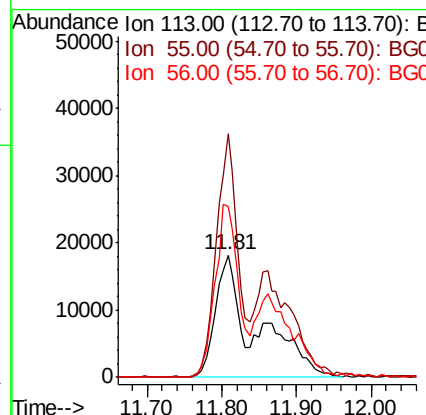
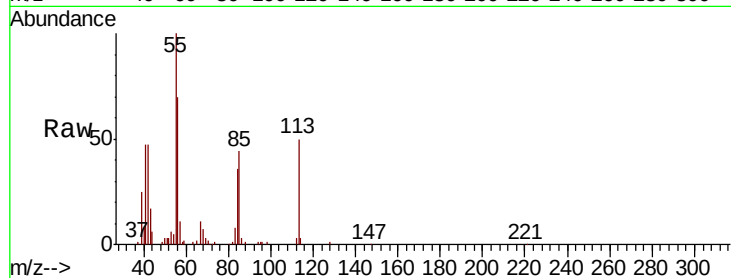
#35
 Caprolactam
 Concen: 50.441 ng/ml
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.8	175.5	215.5
56	138.8	142.3	182.3

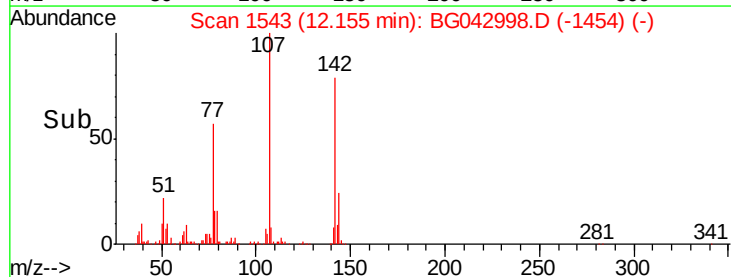
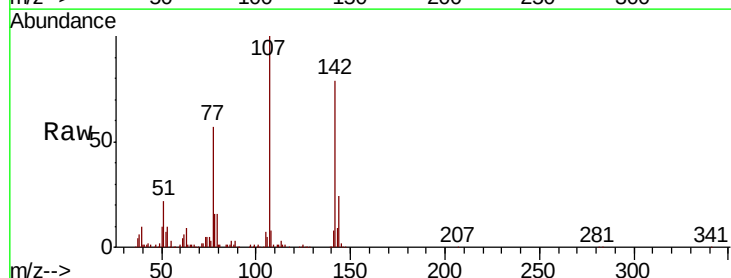
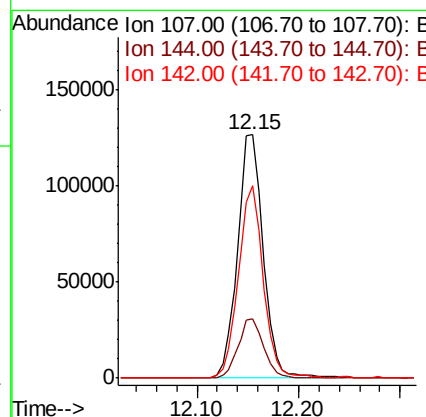
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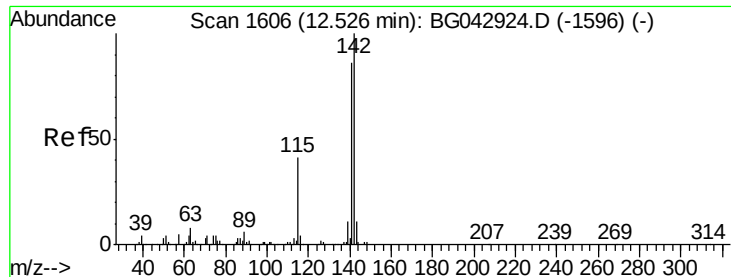
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#36
 4-Chloro-3-methylphenol
 Concen: 54.738 ng/ml
 RT: 12.15 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.7	31.1
142	79.1	58.6	87.8





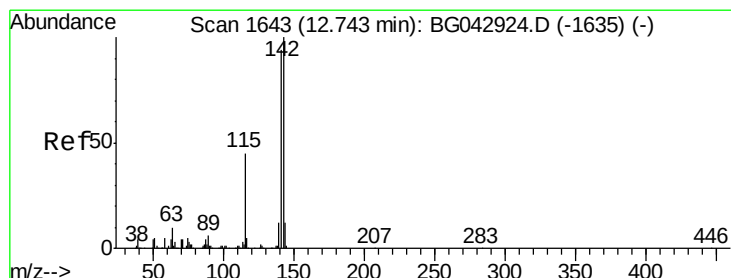
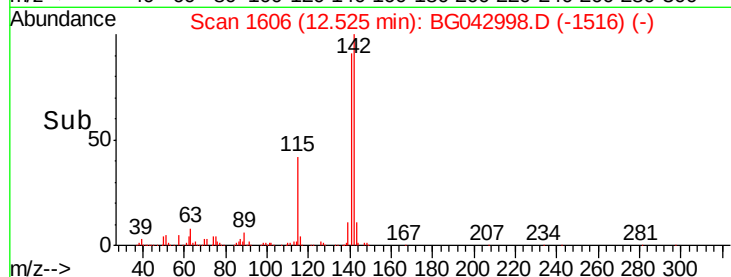
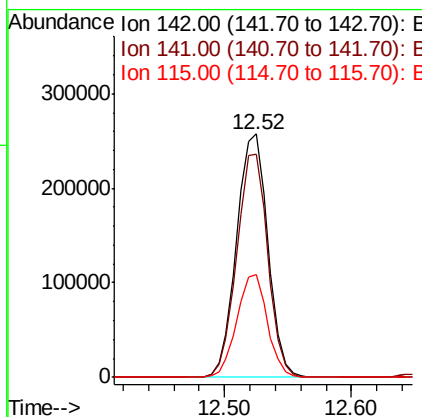
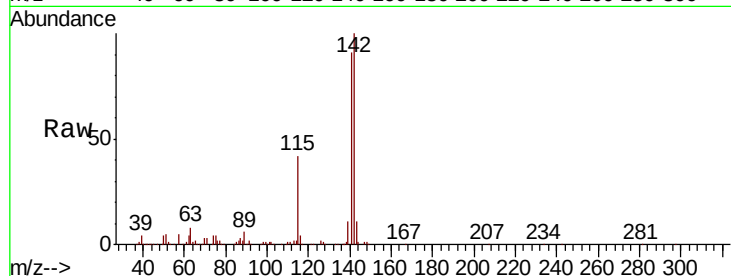
#37
 2-Methylnaphthalene
 Concen: 49.722 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	69.0	103.4
115	42.3	32.8	49.2

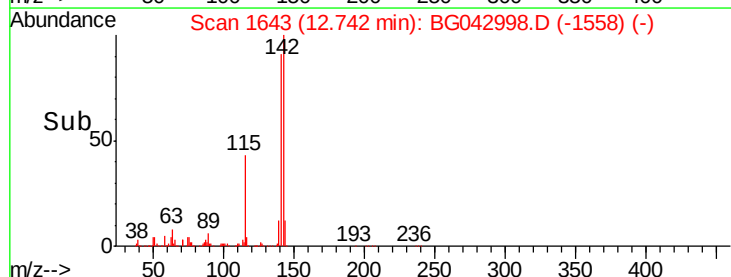
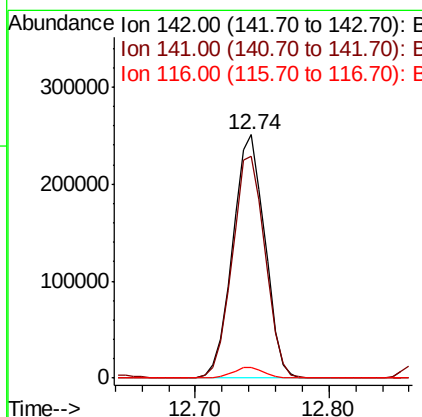
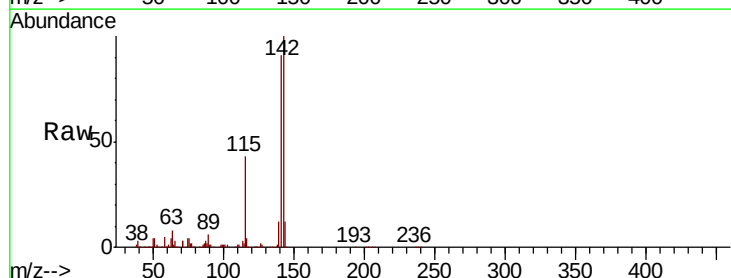
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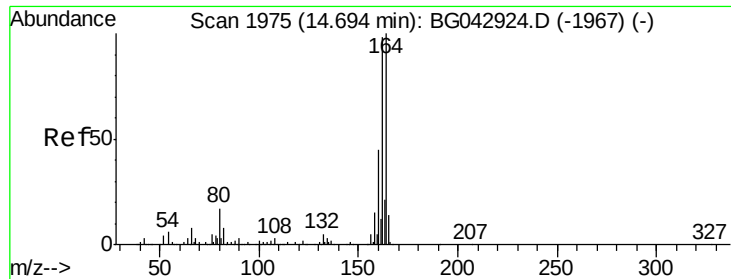
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#38
 1-Methylnaphthalene
 Concen: 50.155 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.9	112.3
116	4.2	3.7	5.5





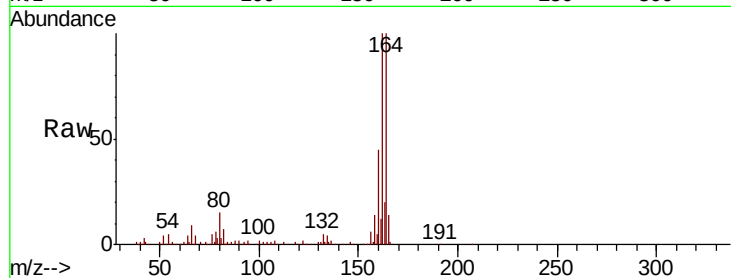
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.5	117.7
160	44.9	35.9	53.9

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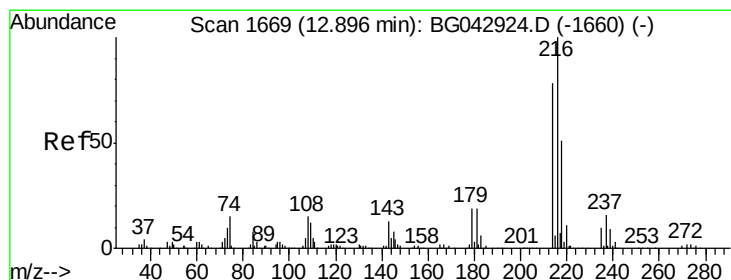
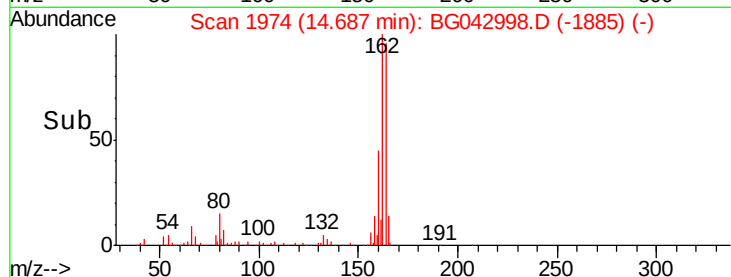
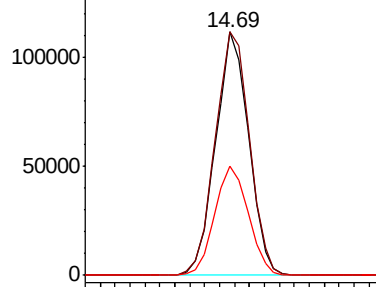


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.713 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.4	93.6
179	20.1	15.4	23.2
108	16.5	12.6	19.0

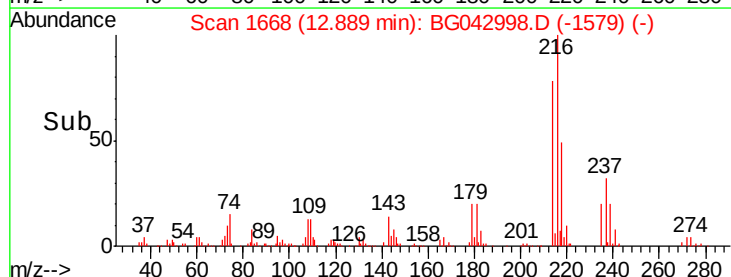
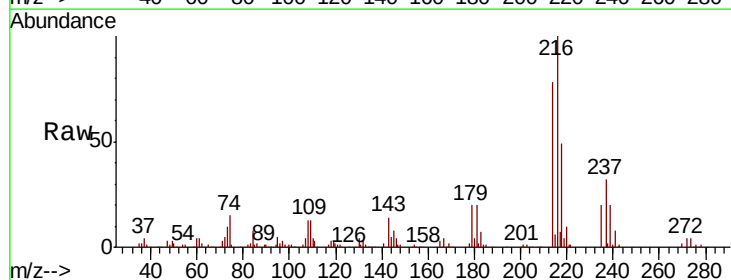
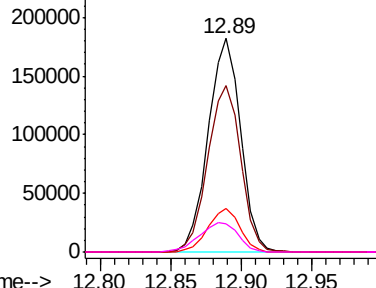
Abundance

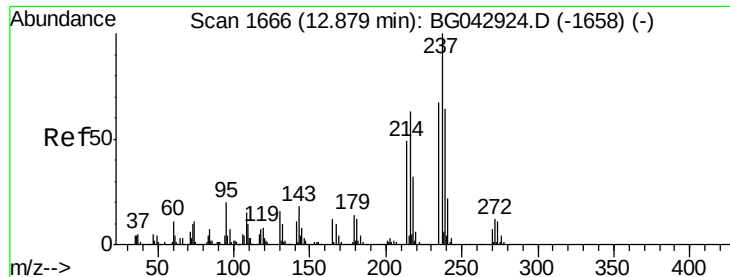
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





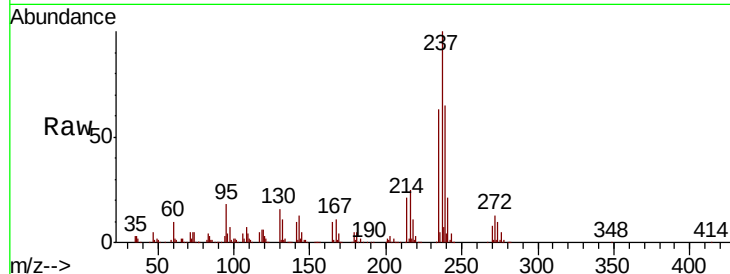
#41
Hexachlorocyclopentadiene
Concen: 86.238 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	46.7	86.7
272	12.8	0.0	32.3

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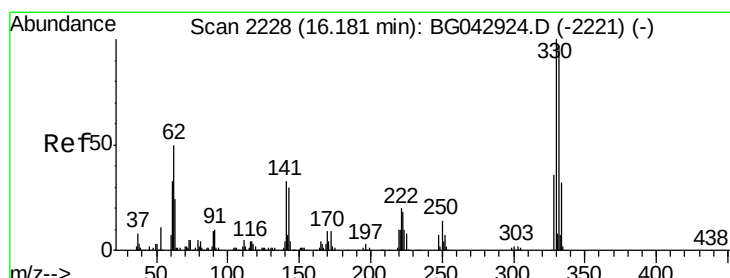
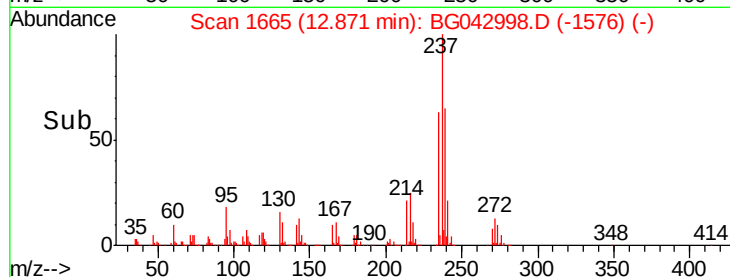
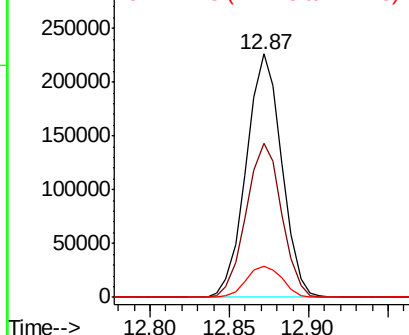


Abundance

Ion 236.80 (236.50 to 237.50): E

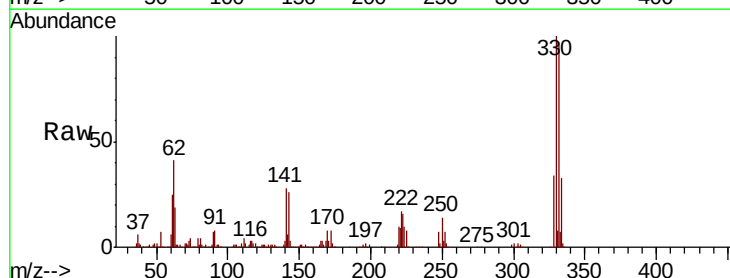
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 139.061 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	29.6	26.0	39.0

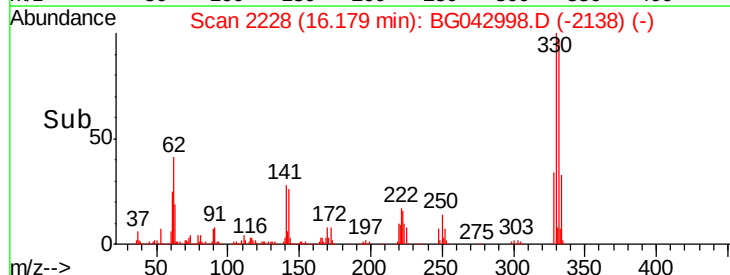
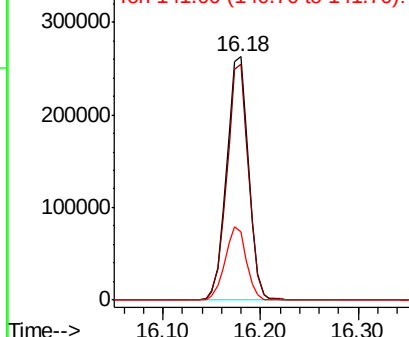


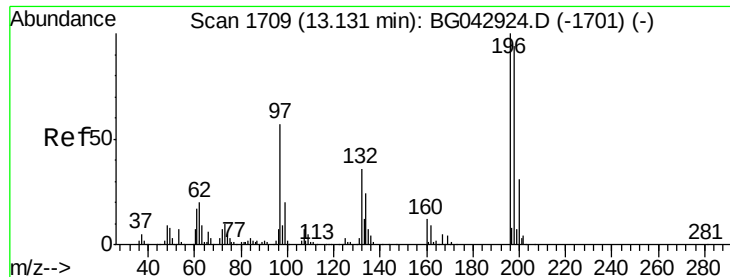
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





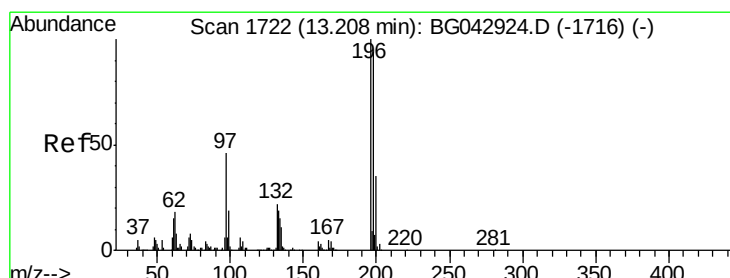
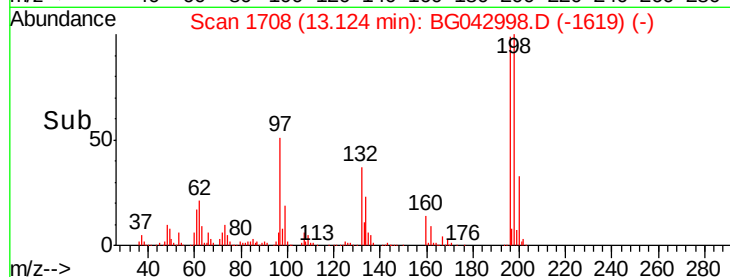
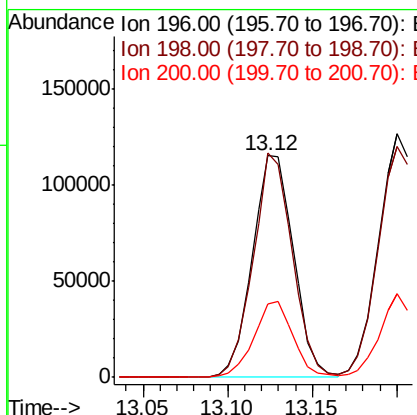
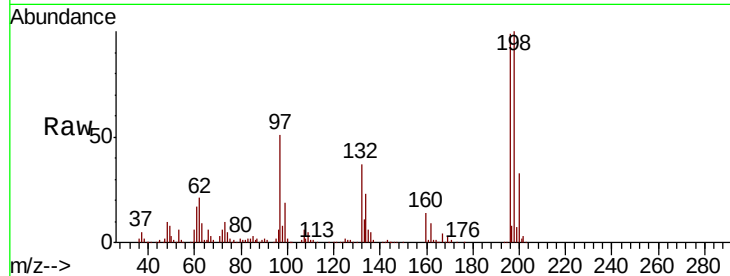
#43
 2,4,6-Trichlorophenol
 Concen: 52.295 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195767		
198	101.0	75.5	113.3	
200	33.0	24.9	37.3	

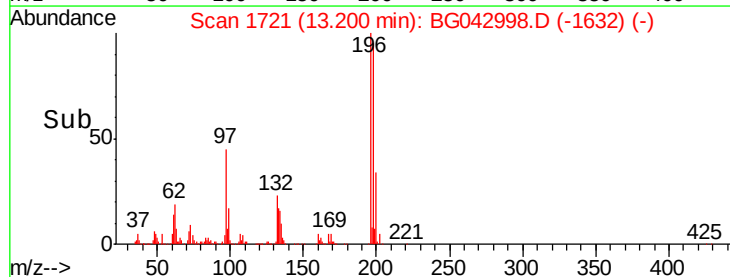
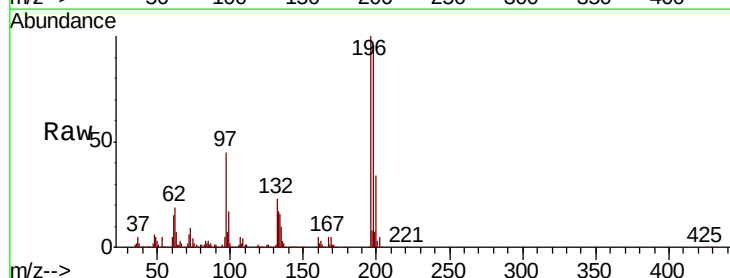
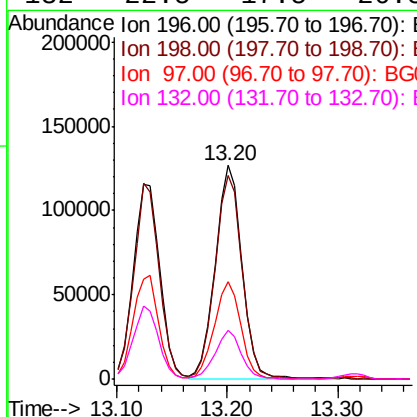
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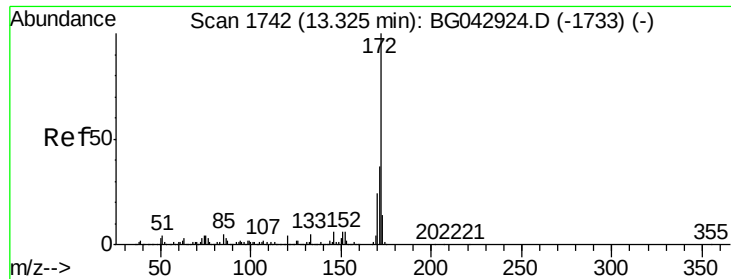
mohammad
 10/4/2019 8:18:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 55.101 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212494		
198	95.0	75.1	112.7	
97	45.4	37.0	55.4	
132	22.5	17.5	26.3	





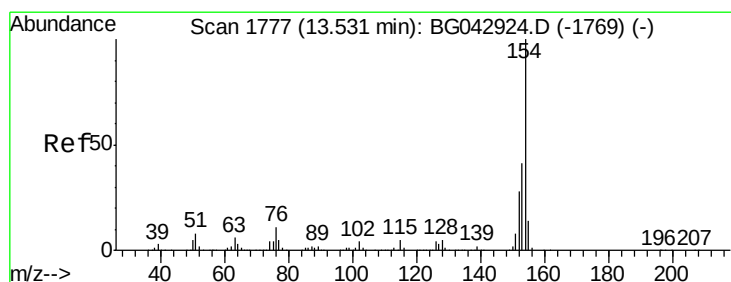
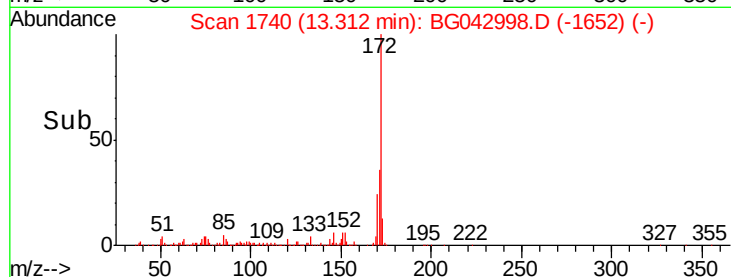
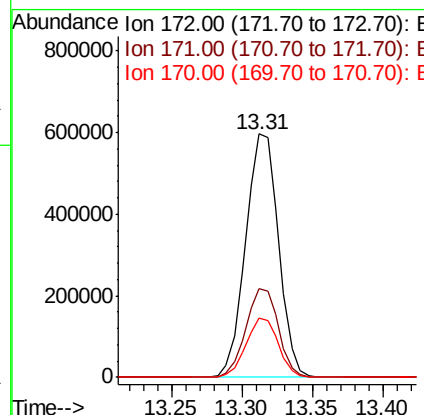
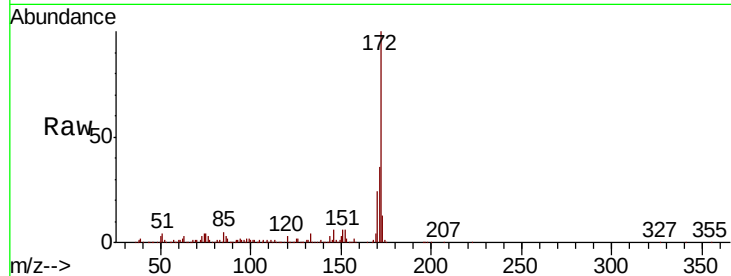
#45
2-Fluorobiphenyl
Concen: 82.901 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.6	29.4

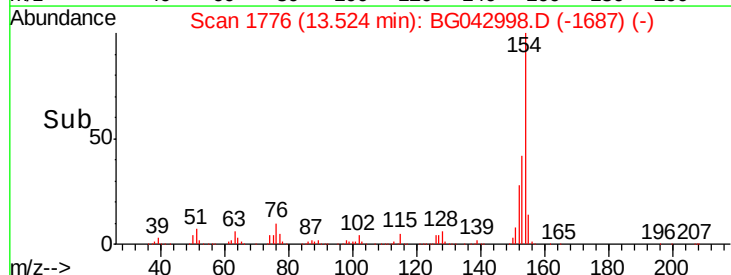
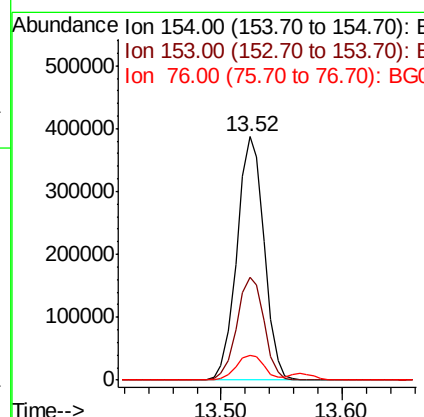
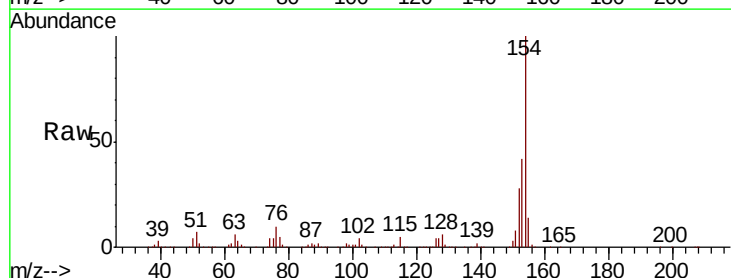
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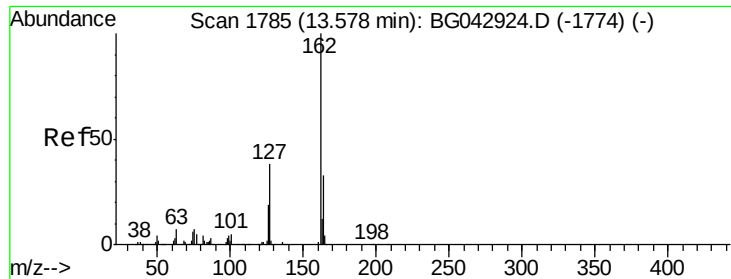
mohammad
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#46
1,1'-Biphenyl
Concen: 46.984 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	10.4	0.0	31.3





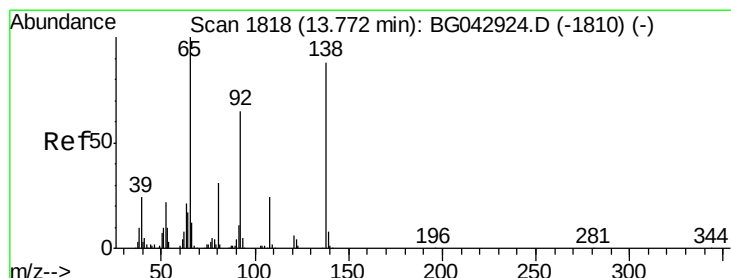
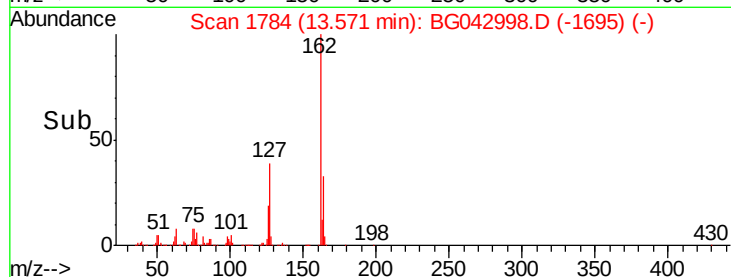
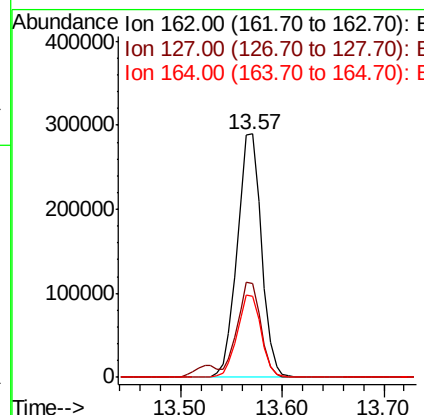
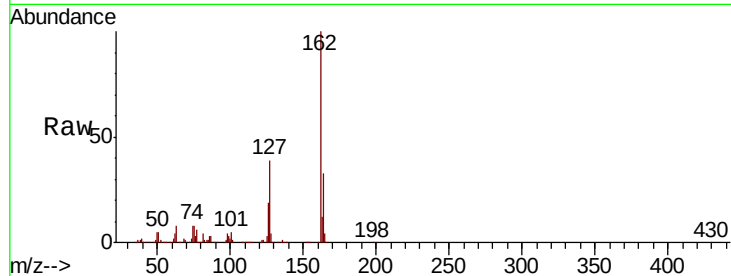
#47
 2-Chloronaphthalene
 Concen: 49.541 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	479145		
127	38.6		31.0	46.6
164	33.2		26.2	39.2

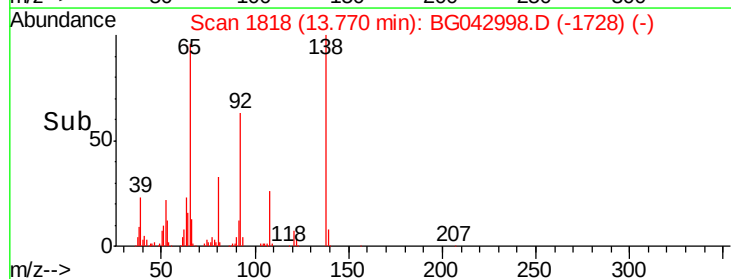
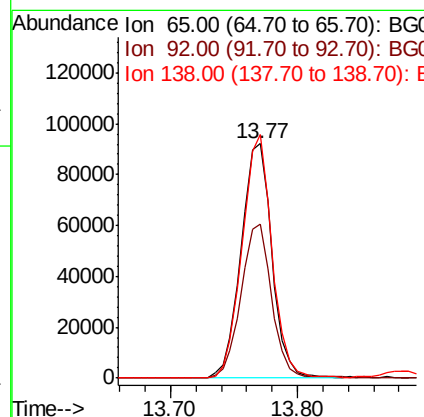
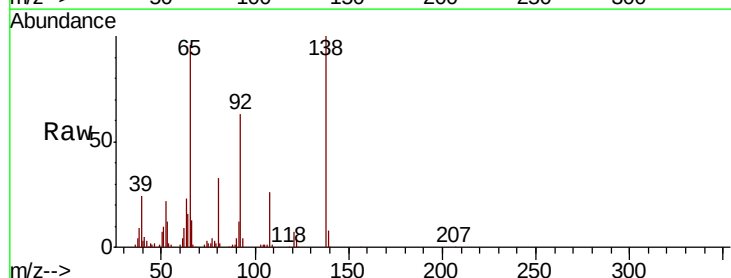
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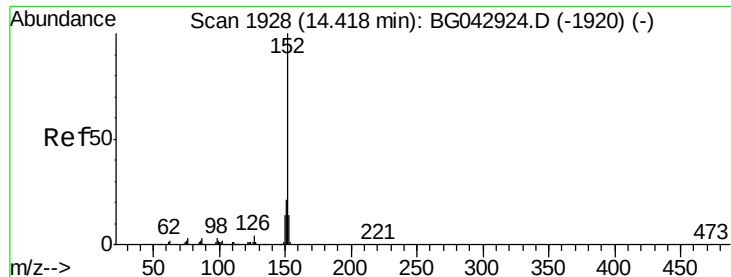
mohammad
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#48
 2-Nitroaniline
 Concen: 48.252 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155192		
92	66.0		52.0	78.0
138	103.9		70.4	105.6





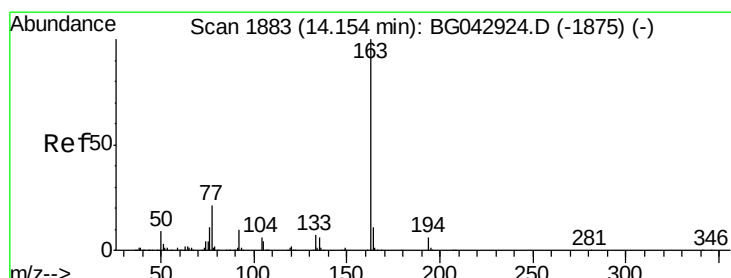
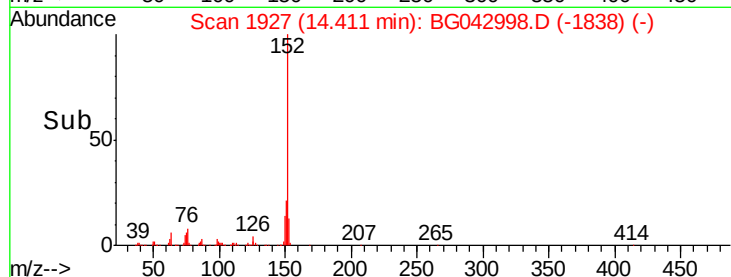
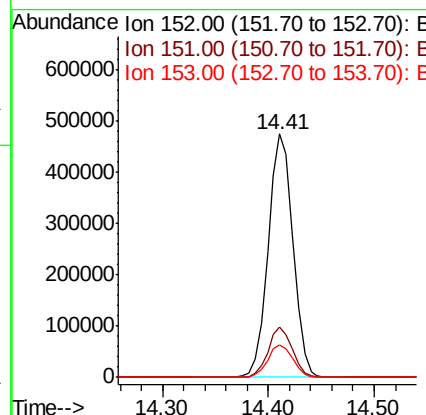
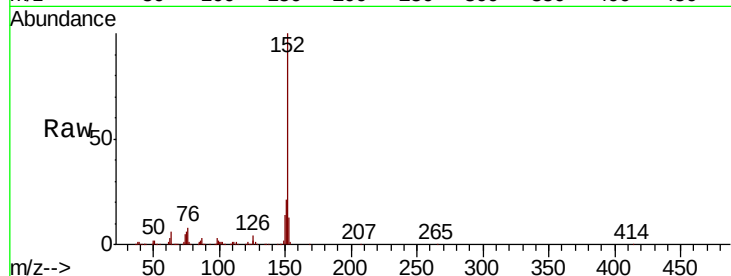
#49
Acenaphthylene
Concen: 52.002 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		769596		
151	20.8	16.8	25.2		
153	13.4	11.3	16.9		

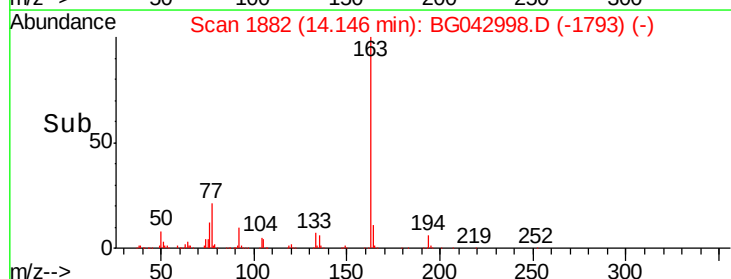
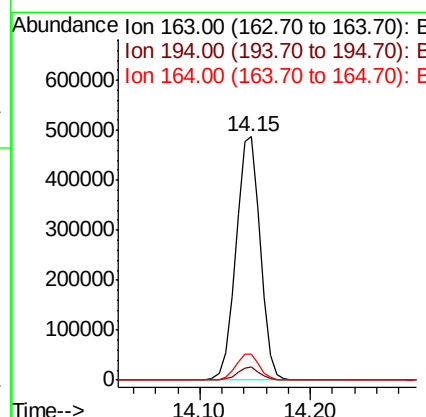
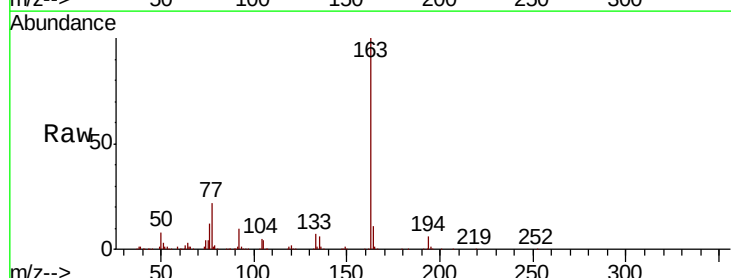
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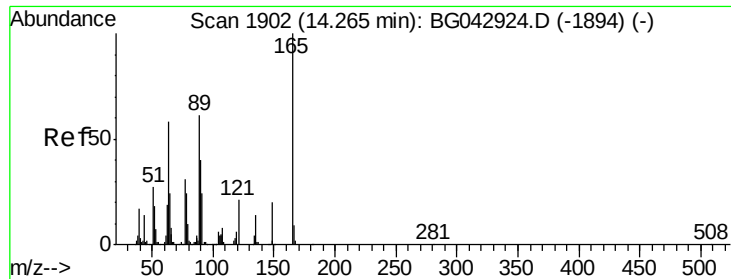
mohammad
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#50
Dimethylphthalate
Concen: 58.609 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		747001		
194	5.7	4.4	6.6		
164	10.8	8.6	12.8		





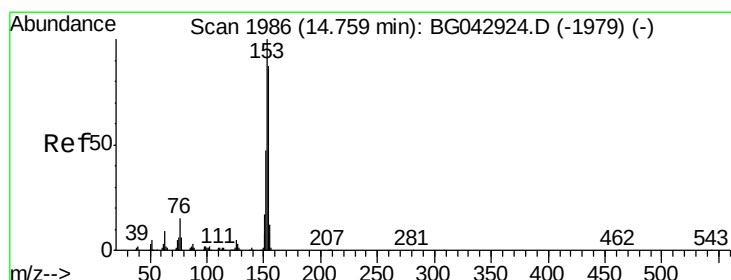
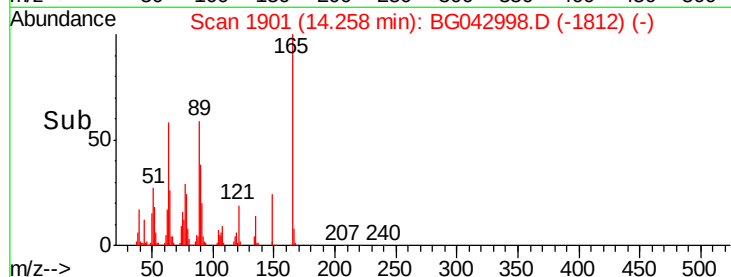
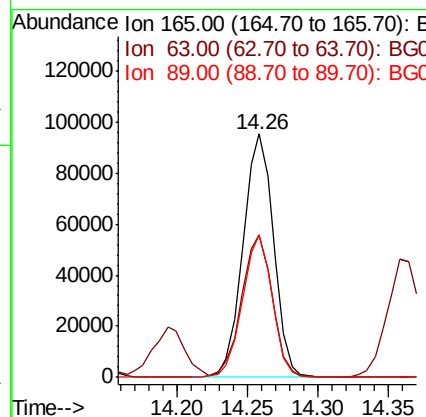
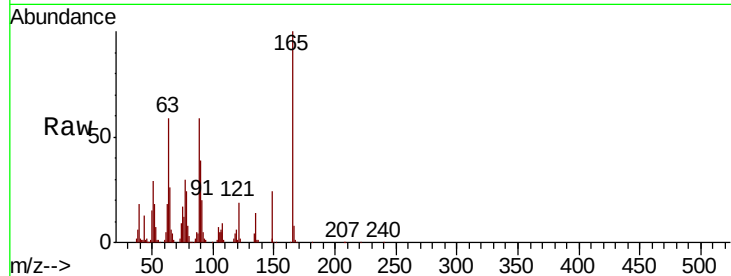
#51
 2,6-Dinitrotoluene
 Concen: 53.147 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	50.3	75.5
89	58.7	48.9	73.3

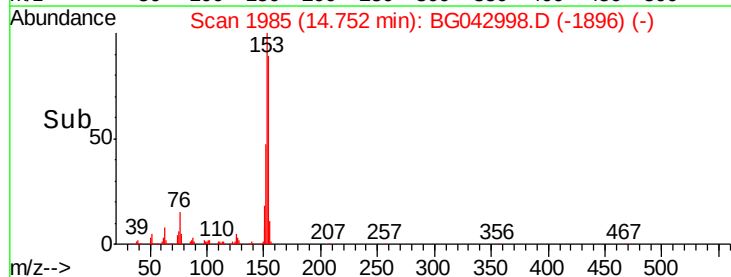
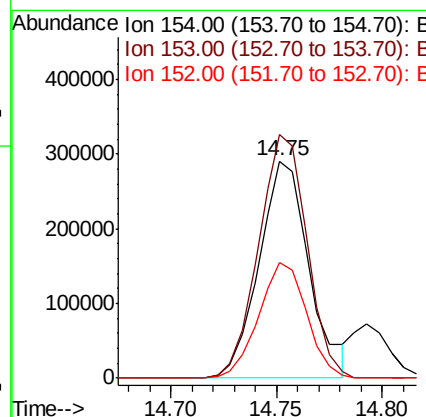
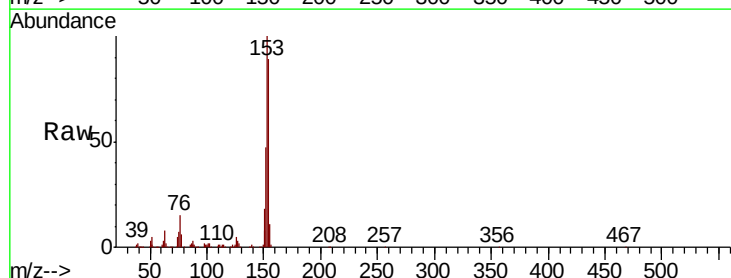
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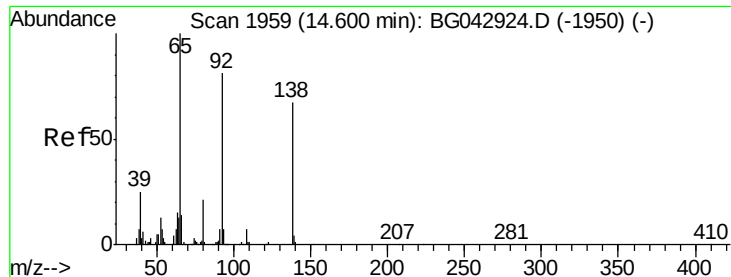
mohammad
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#52
 Acenaphthene
 Concen: 48.169 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.4	137.0
152	53.0	42.8	64.2





#53

3-Nitroaniline

Concen: 32.837 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

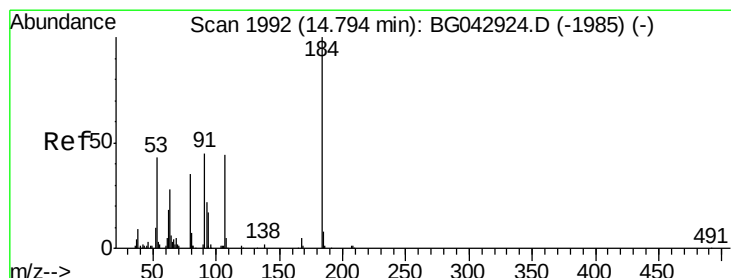
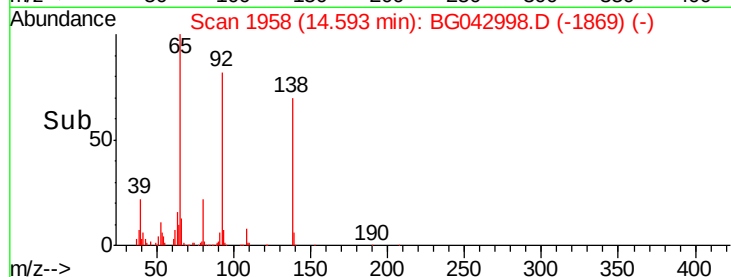
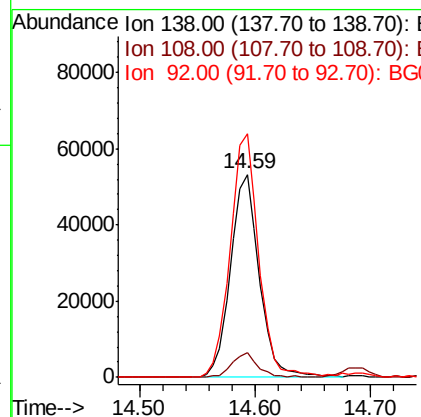
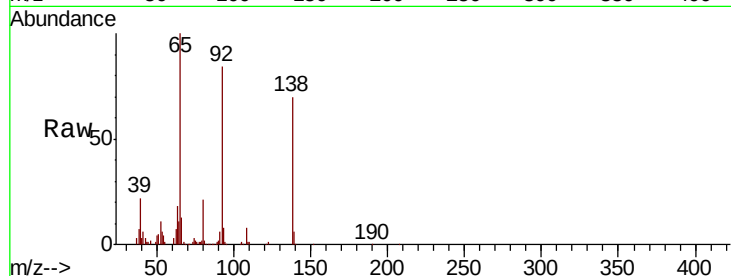
ClientSampleId :

S-1MSD

Tot Ion:138 Resp: 92110
 Ion Ratio Lower Upper
 138 100
 108 11.9 7.9 11.9#
 92 120.1 97.0 145.6

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#54

2,4-Dinitrophenol

Concen: 99.834 ng

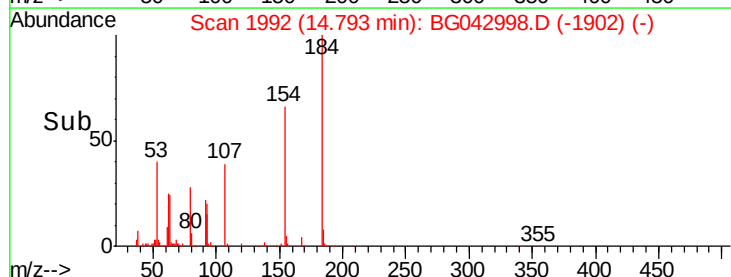
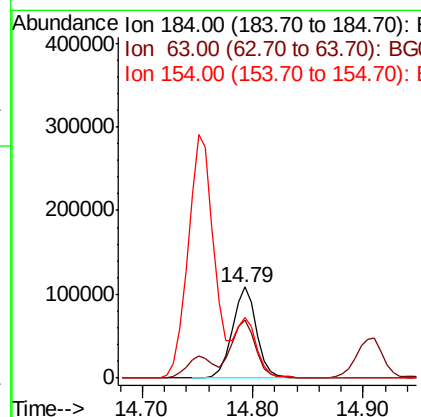
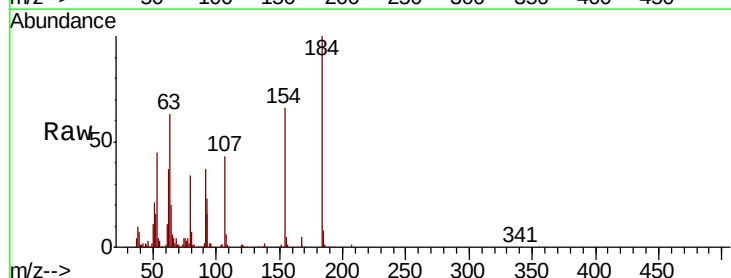
RT: 14.79 min Scan# 1992

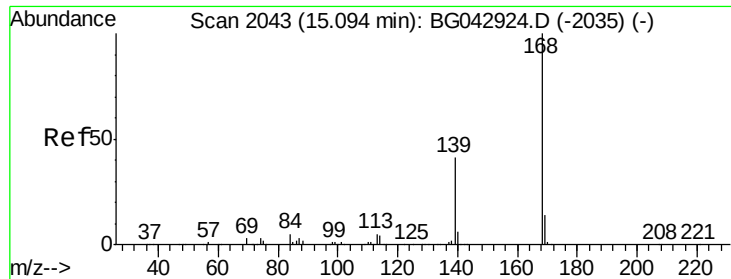
Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:184 Resp: 168432
 Ion Ratio Lower Upper
 184 100
 63 63.3 55.0 82.6
 154 66.4 56.5 84.7





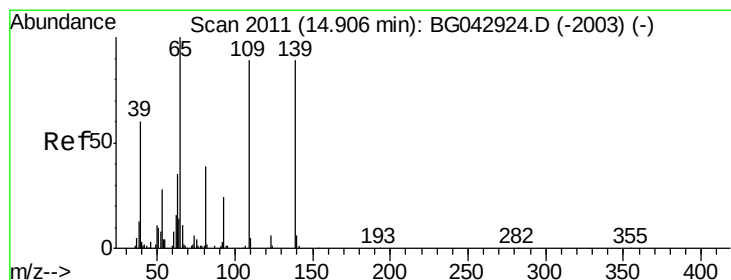
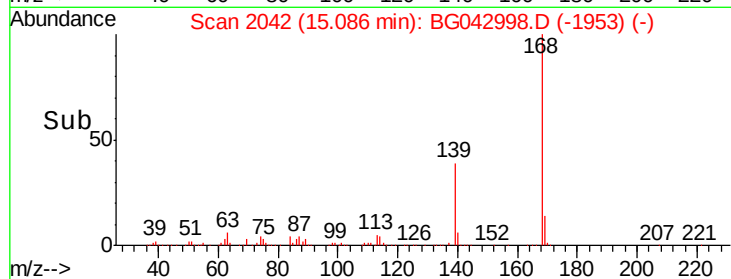
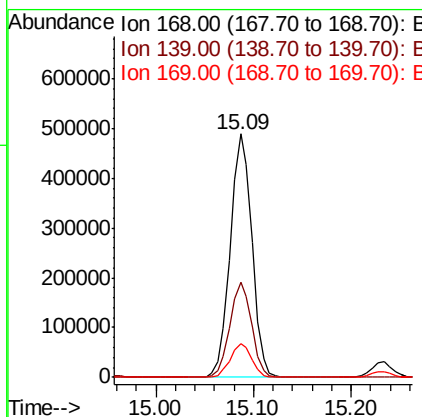
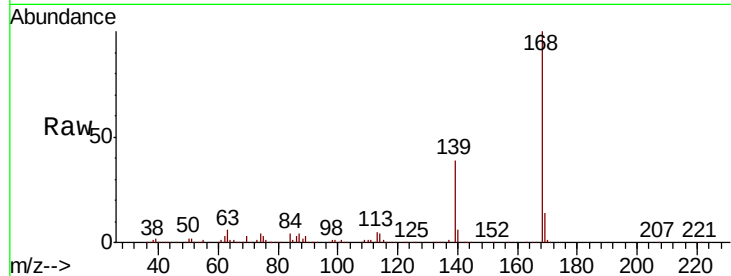
#55
Dibenzenofuran
Concen: 51.085 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.6	48.8
169	13.8	11.2	16.8

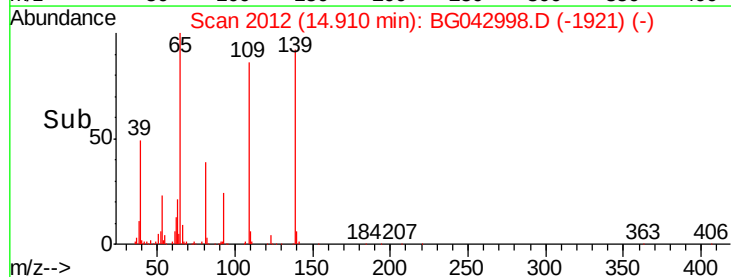
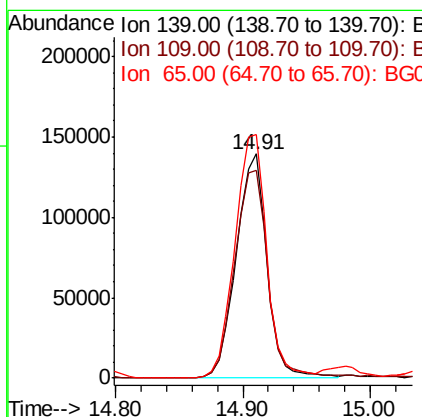
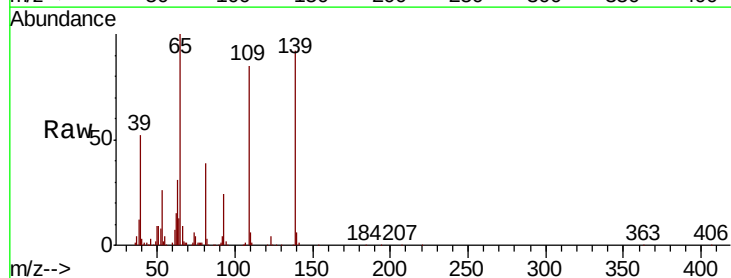
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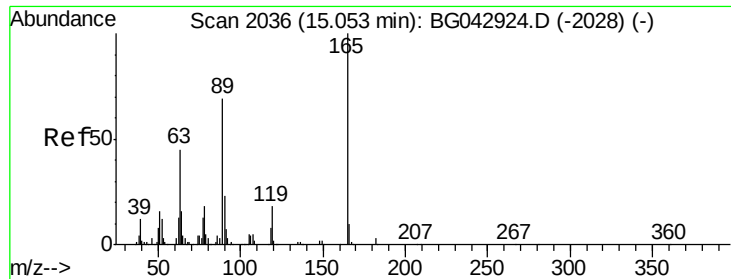
mohammad
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#56
4-Nitrophenol
Concen: 110.406 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.5	79.4	119.4
65	108.6	92.5	132.5





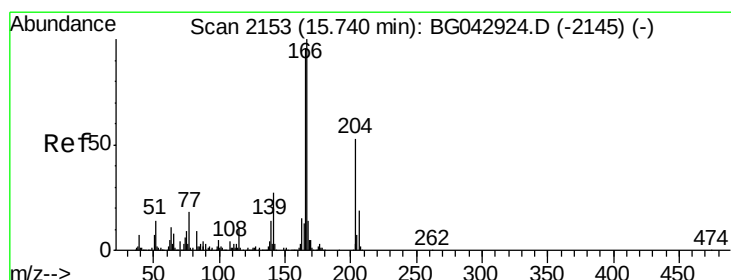
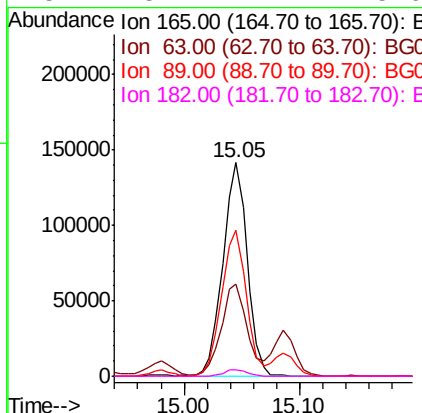
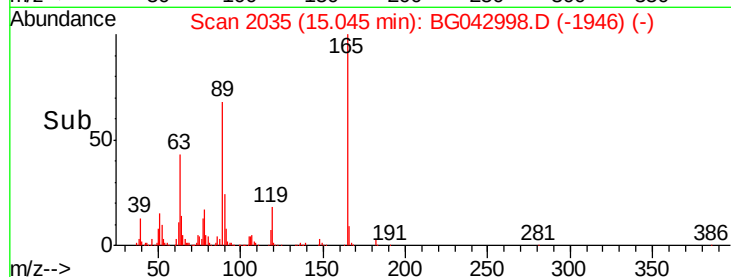
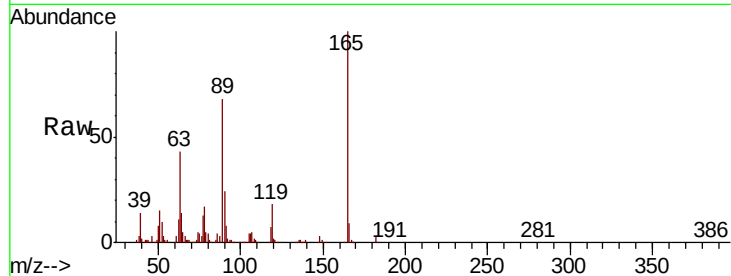
#57
2,4-Dinitrotoluene
Concen: 52.197 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.5	36.5	54.7
89	68.2	55.5	83.3
182	3.2	2.4	3.6

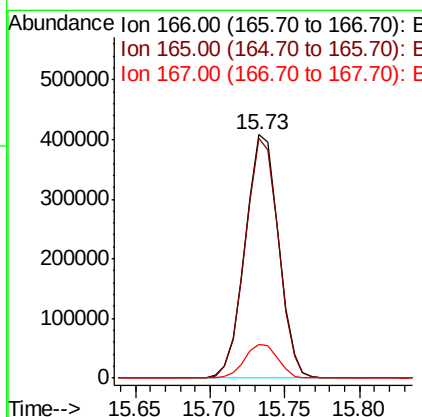
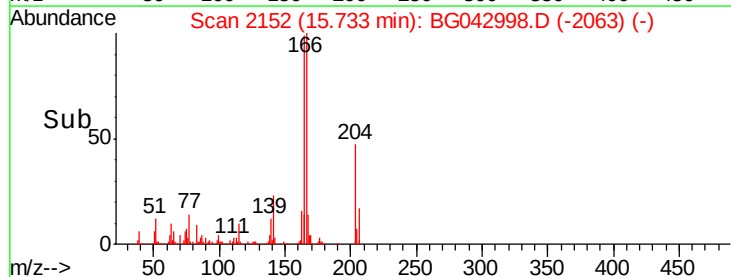
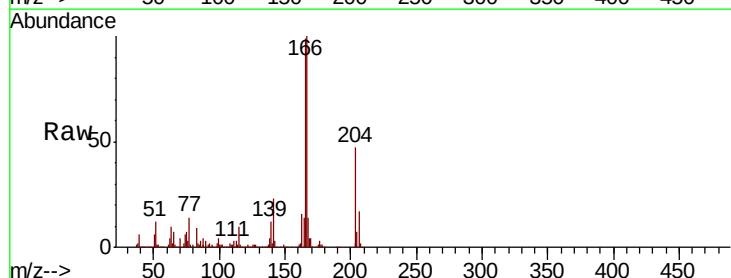
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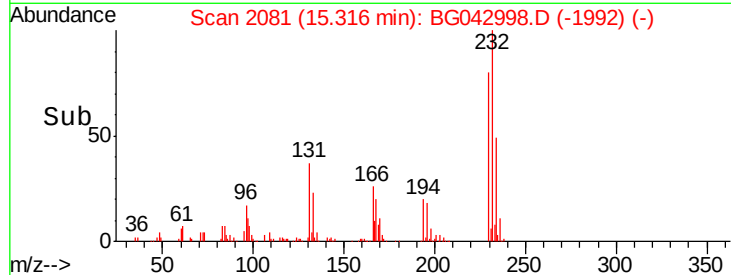
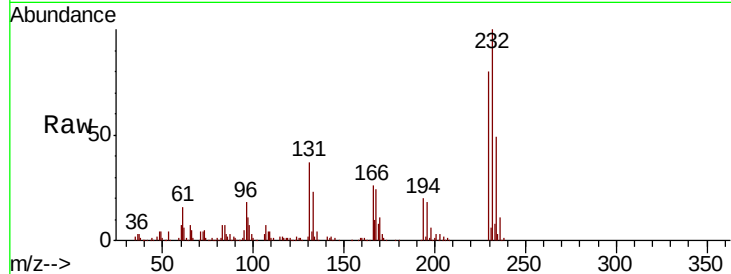
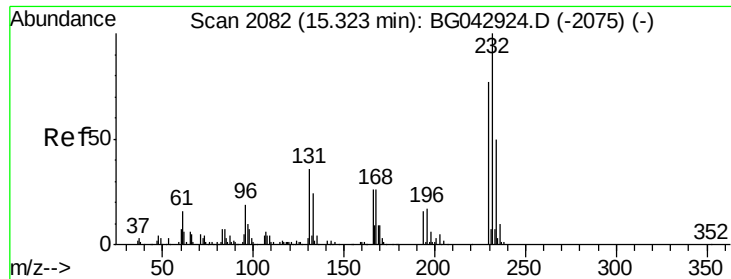
mohammad
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#58
Fluorene
Concen: 50.398 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.6	77.1	115.7
167	13.7	11.0	16.6





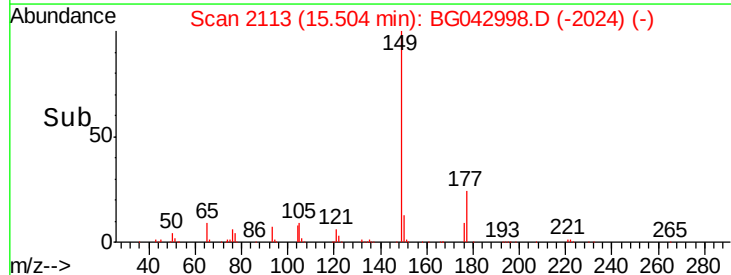
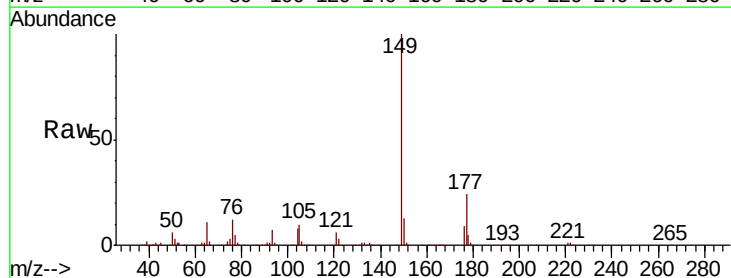
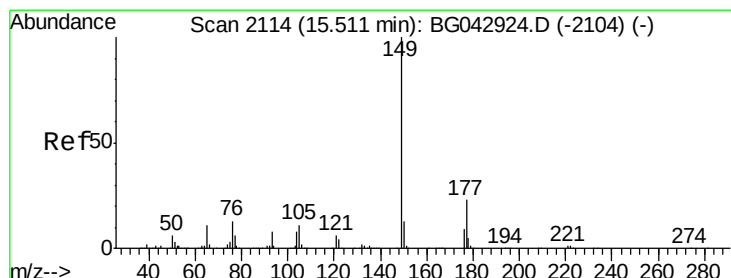
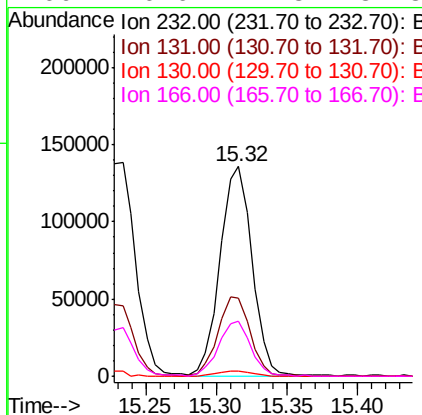
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.172 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214223		
131	38.3	29.6	44.4	
130	2.5	1.9	2.9	
166	26.6	21.8	32.8	

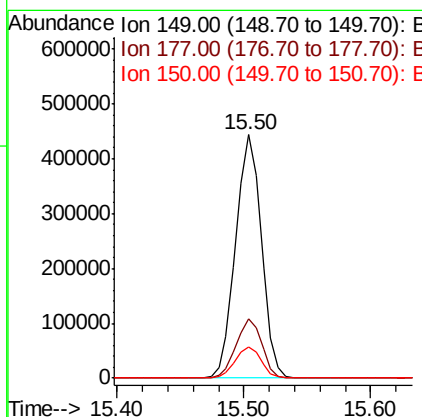
Manual Integrations
APPROVED

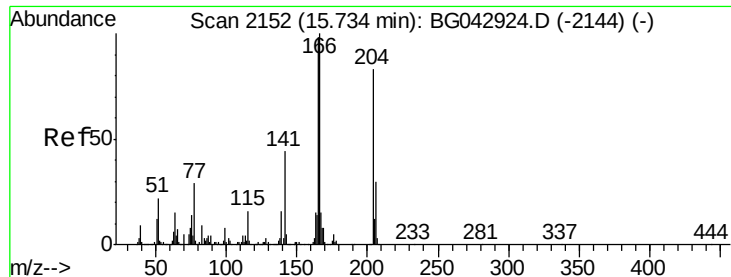
mohammad
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#60
Diethylphthalate
Concen: 48.005 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	622679		
177	24.3	18.8	28.2	
150	13.0	10.6	15.8	





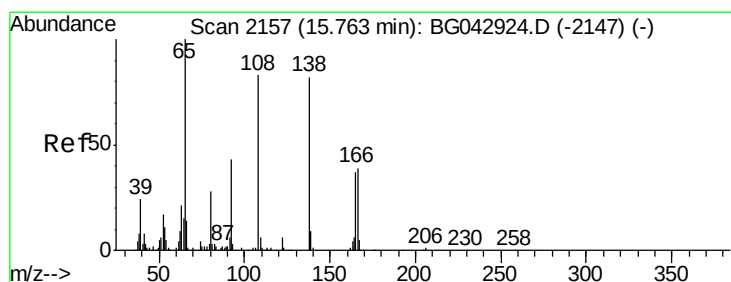
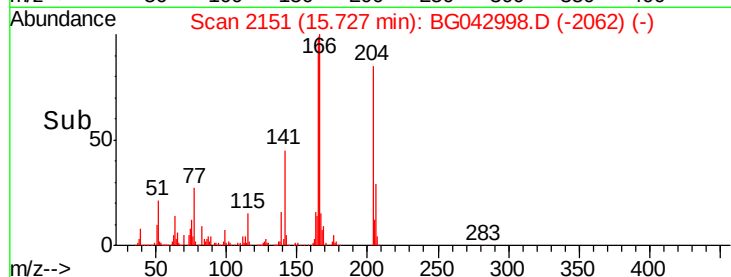
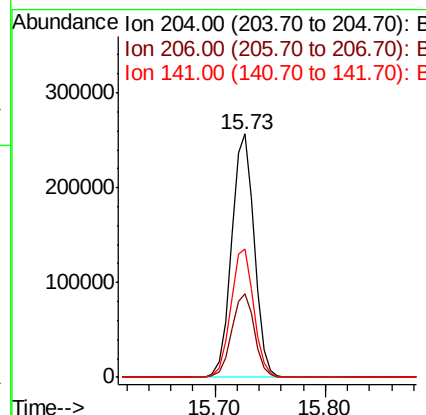
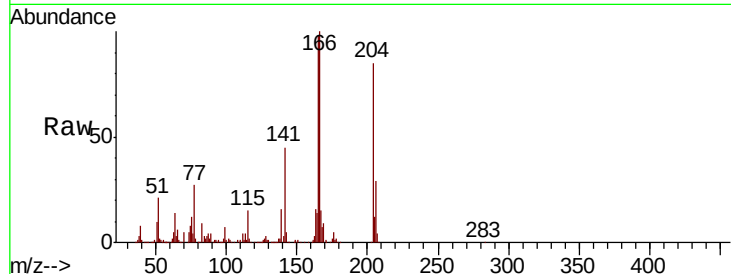
#61
4-Chlorophenyl-phenylether
Concen: 49.078 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	52.6	42.4	63.6

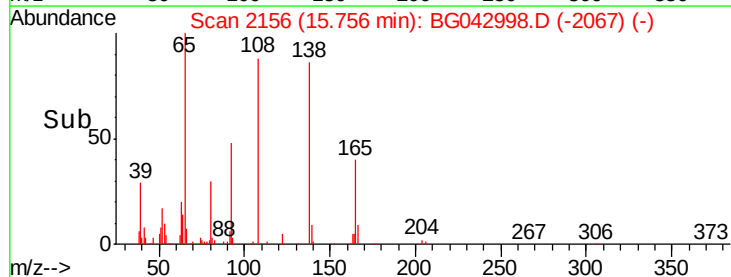
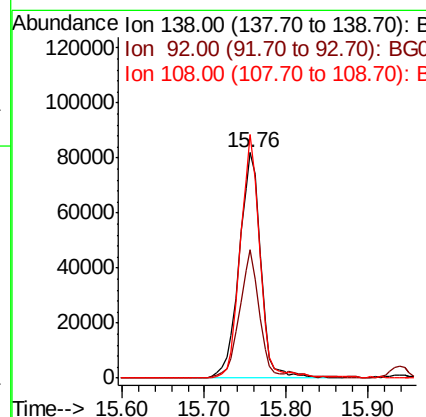
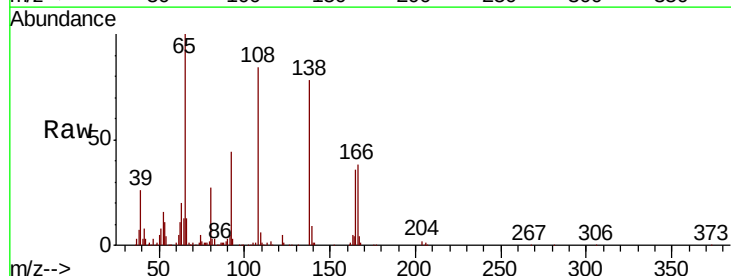
Manual Integrations
APPROVED

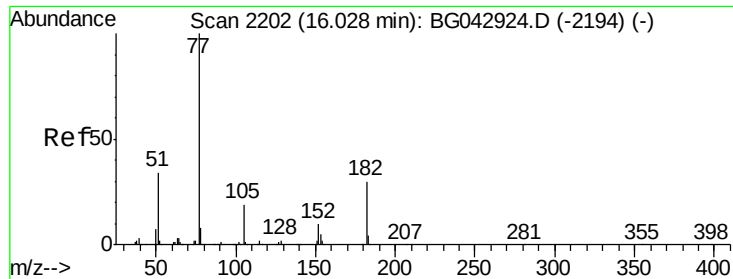
mohammad
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#62
4-Nitroaniline
Concen: 49.266 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	32.9	72.9
108	108.0	81.3	121.3





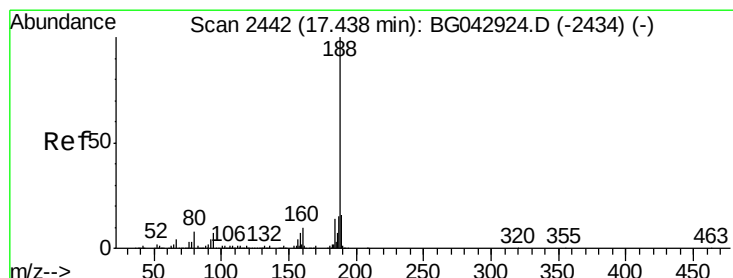
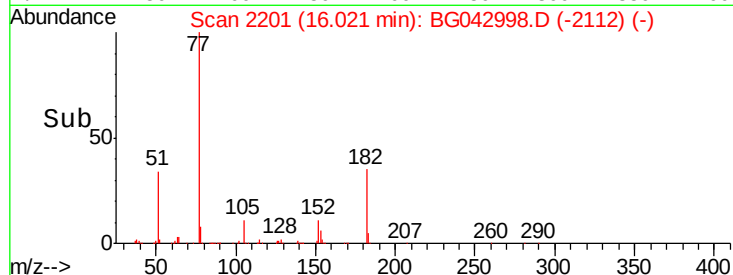
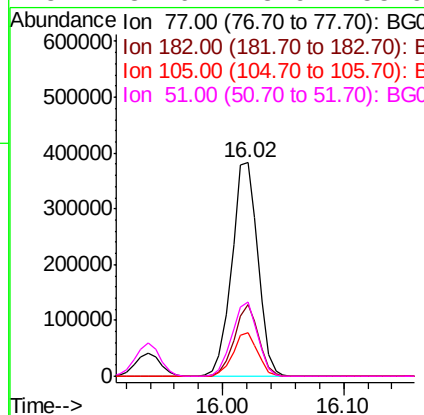
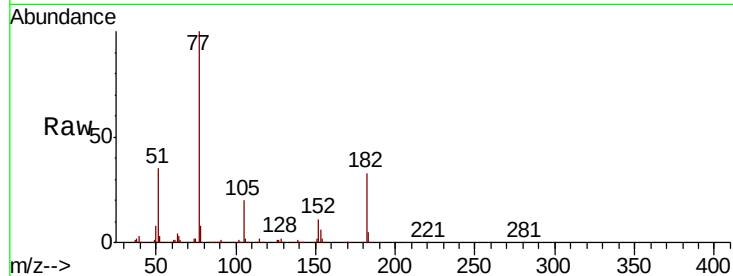
#63
Azobenzene
Concen: 48.452 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		572188		
182	33.4	10.2	50.2		
105	20.3	0.0	39.1		
51	34.6	13.9	53.9		

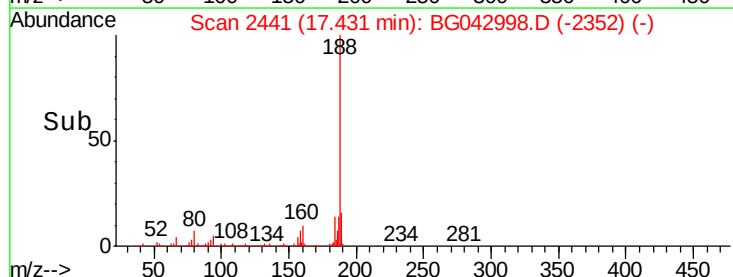
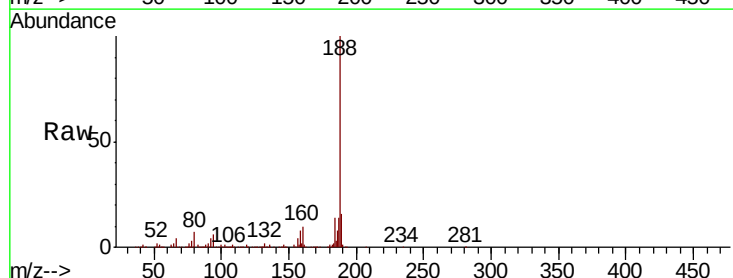
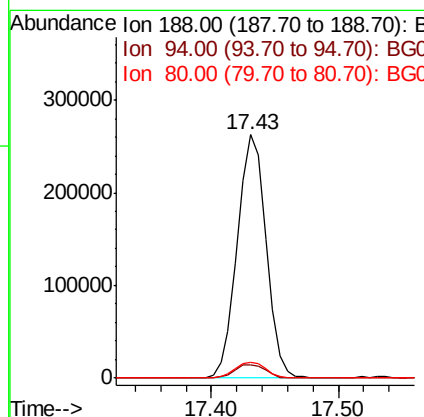
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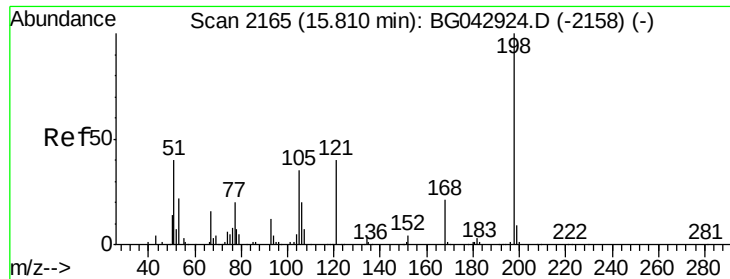
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		412716		
94	5.6	5.7	8.5#		
80	6.7	6.5	9.7		





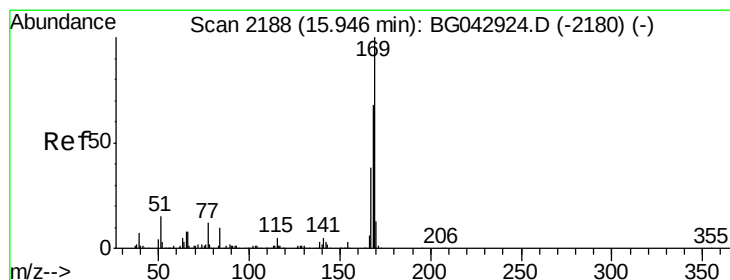
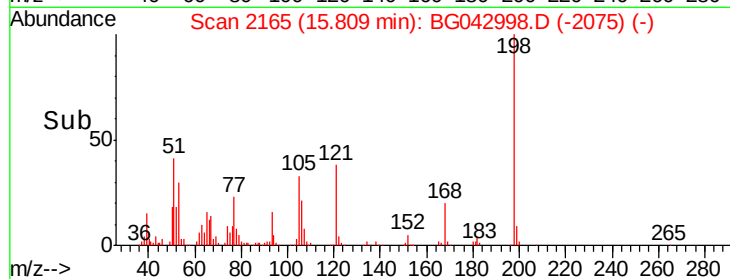
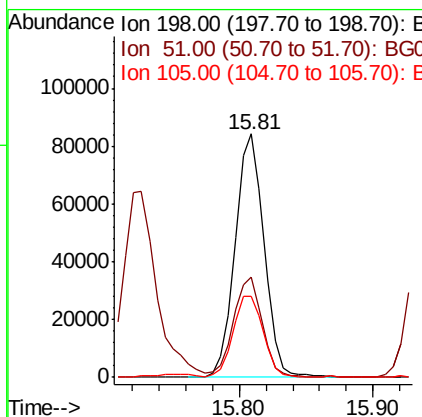
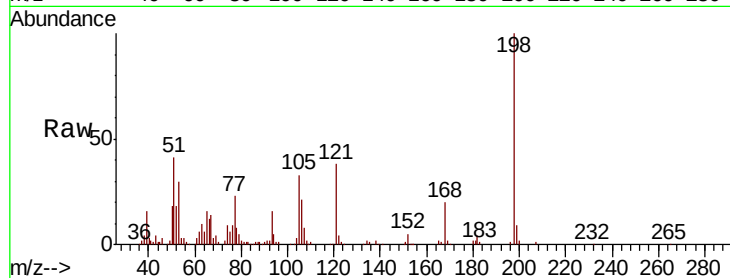
#65
4,6-Dinitro-2-methylphenol
Concen: 54.137 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	126432		
51	41.4	25.3	65.3	
105	33.1	16.6	56.6	

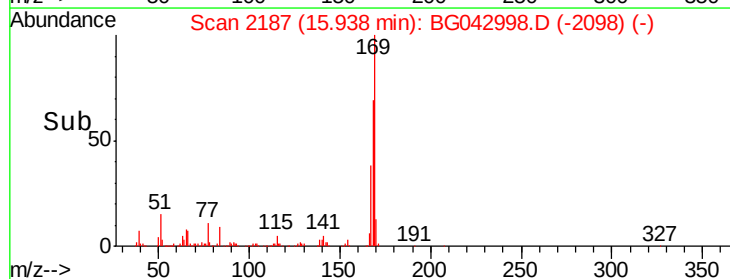
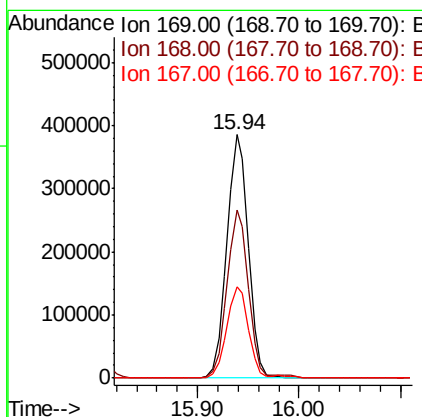
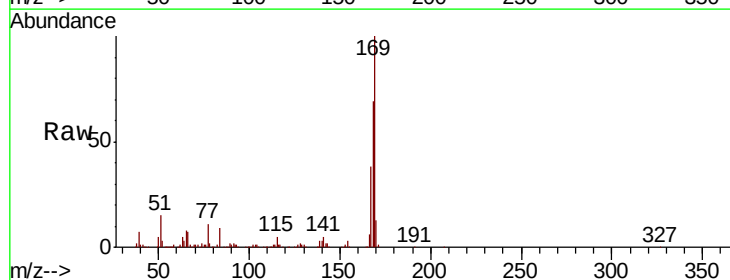
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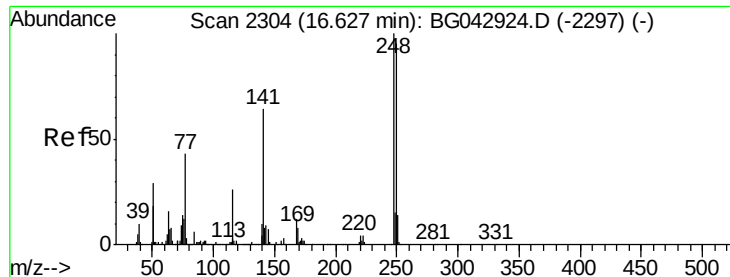
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#66
n-Nitrosodiphenylamine
Concen: 51.696 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	563233		
168	68.8	54.8	82.2	
167	37.6	30.6	46.0	





#67

4-Bromophenyl-phenylether

Concen: 49.632 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

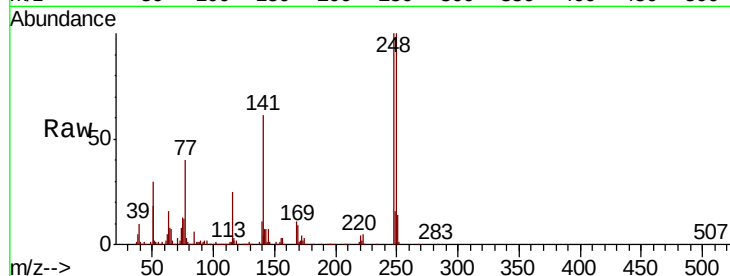
ClientSampled :

S-1MSD

Tot Ion:	248	Resp:	257092
Ion Ratio	Lower	Upper	
248	100		
250	99.6	75.8	113.8
141	61.1	51.1	76.7

Manual Integrations
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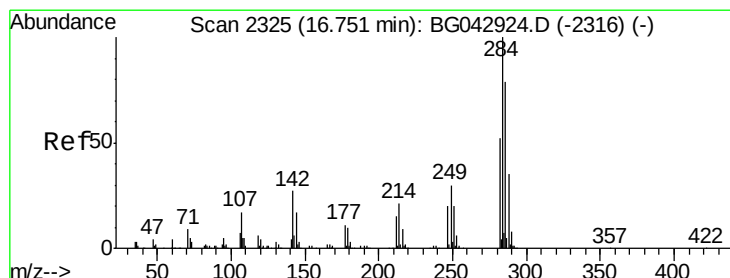
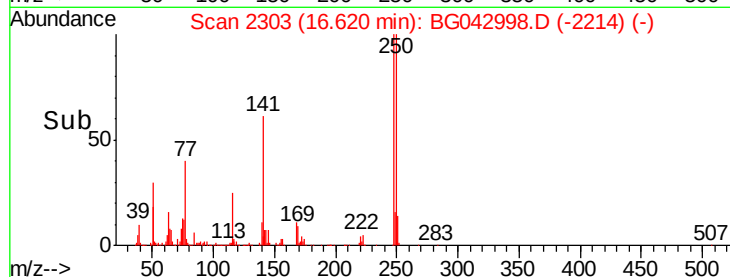
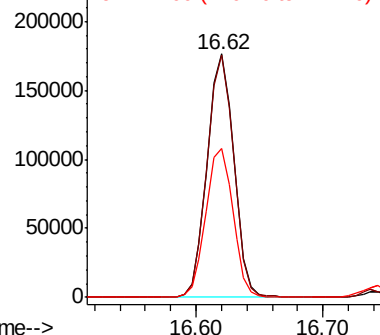


Abundance

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: 49.132 ng

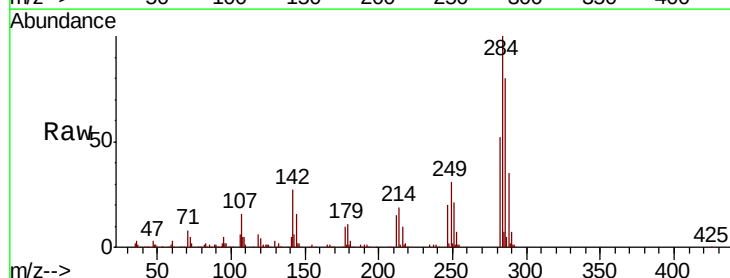
RT: 16.74 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	284	Resp:	283374
Ion Ratio	Lower	Upper	
284	100		
142	26.7	21.6	32.4
249	31.5	24.1	36.1

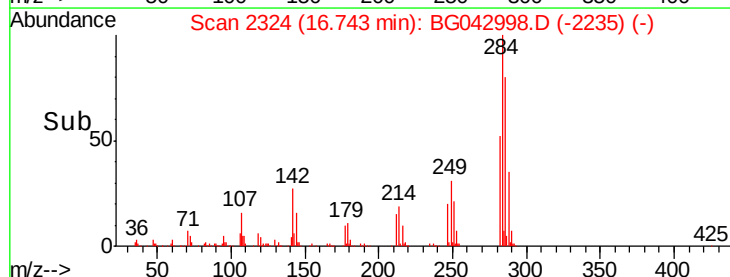
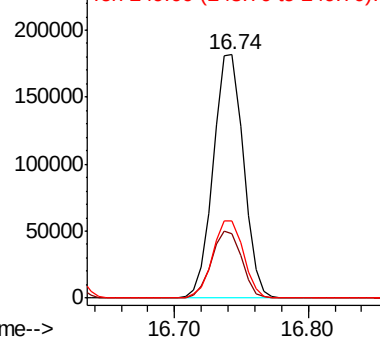


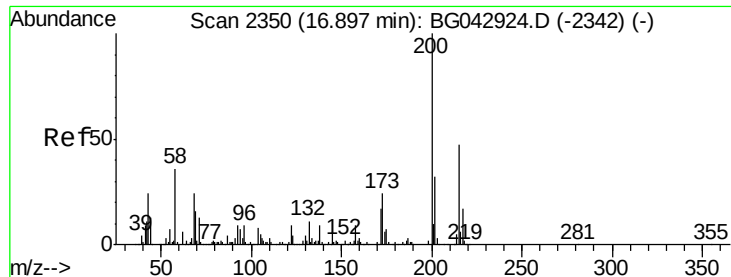
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





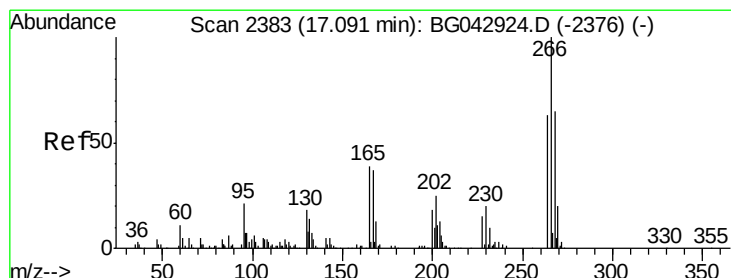
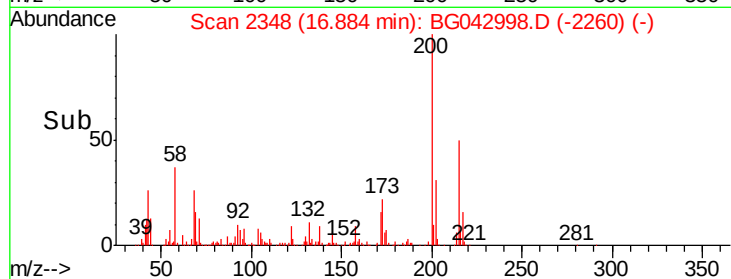
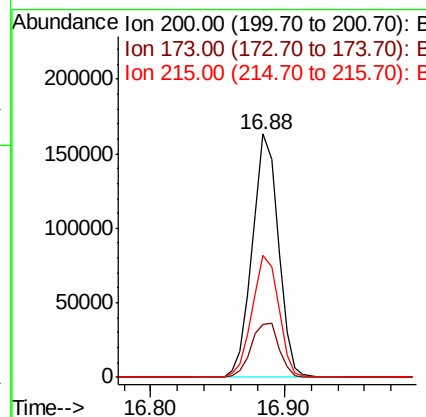
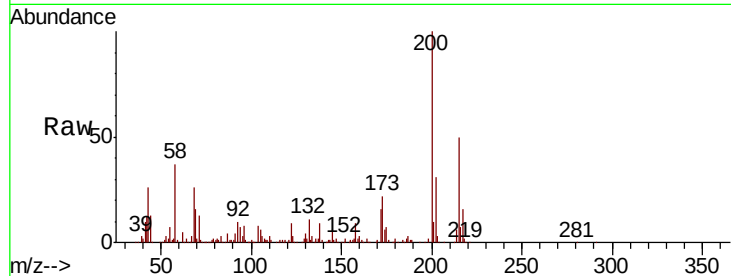
#69
 Atrazine
 Concen: 47.566 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	218227		
173	21.9	4.0	44.0	
215	50.1	27.4	67.4	

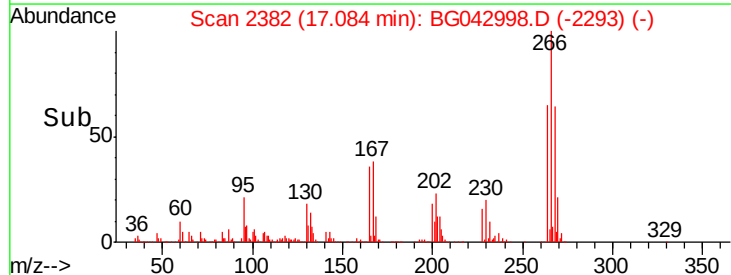
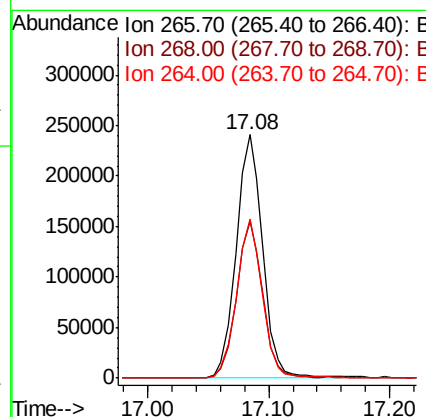
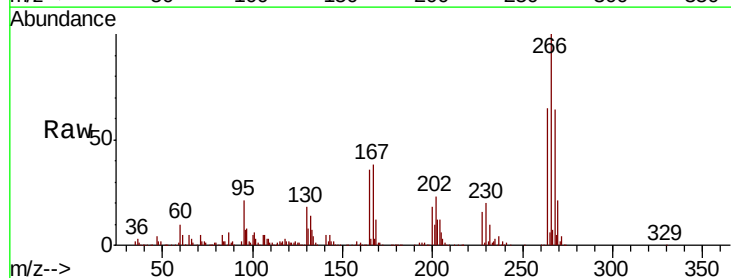
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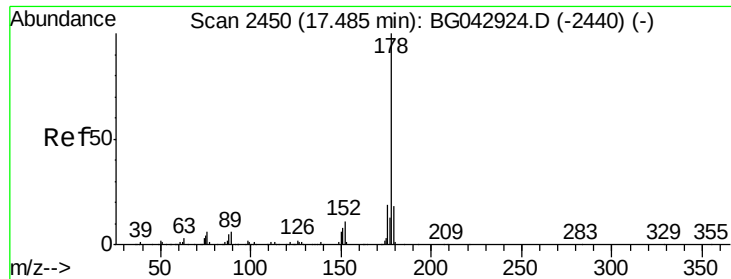
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#70
 Pentachlorophenol
 Concen: 110.573 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	367990		
268	64.2	52.2	78.2	
264	65.5	50.7	76.1	





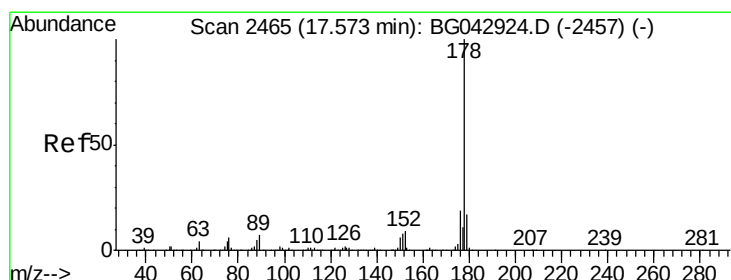
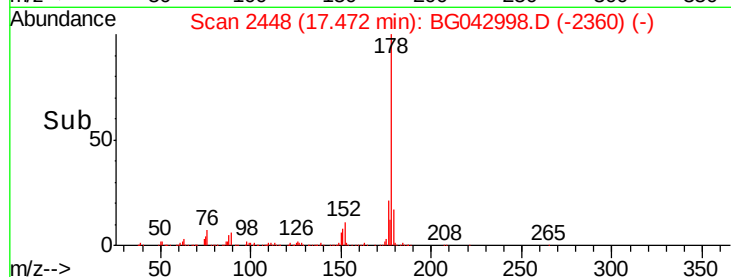
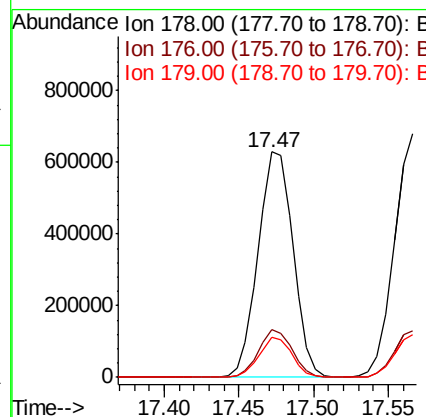
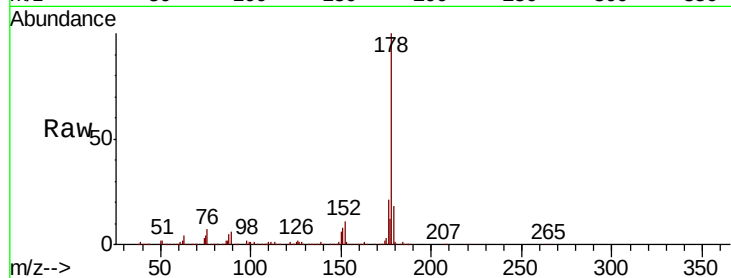
#71
Phenanthrene
Concen: 50.555 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	17.6	14.1	21.1

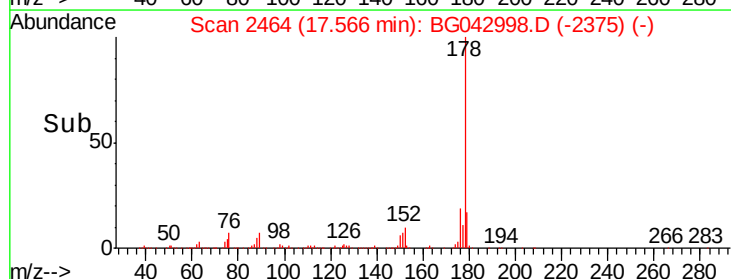
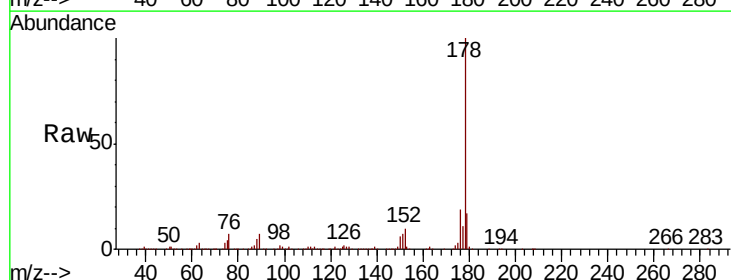
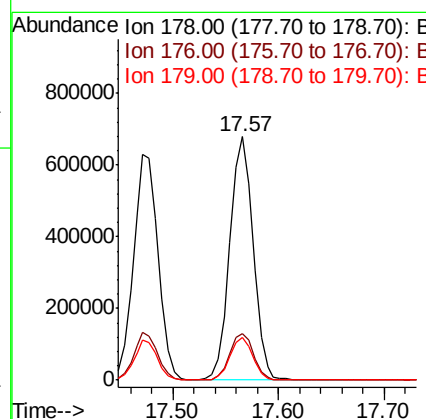
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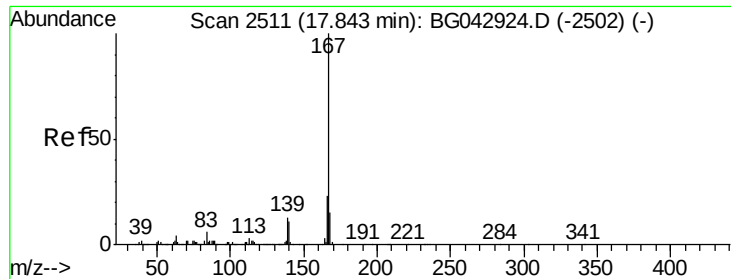
mohammad
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#72
Anthracene
Concen: 51.647 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	17.3	13.5	20.3





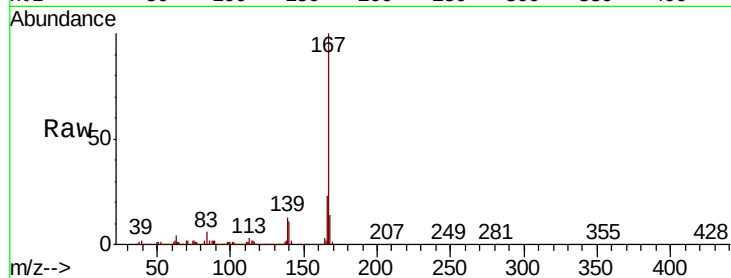
#73
 Carbazole
 Concen: 50.878 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.6	28.0
139	13.2	10.8	16.2

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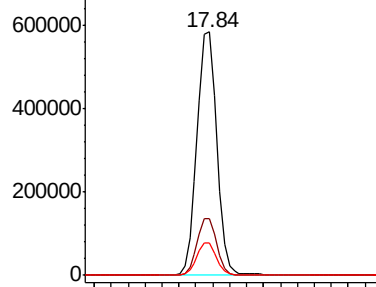


Abundance

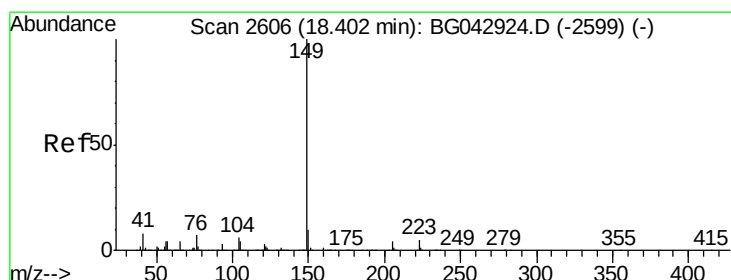
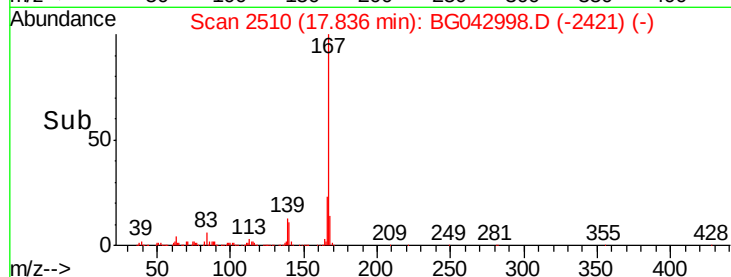
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

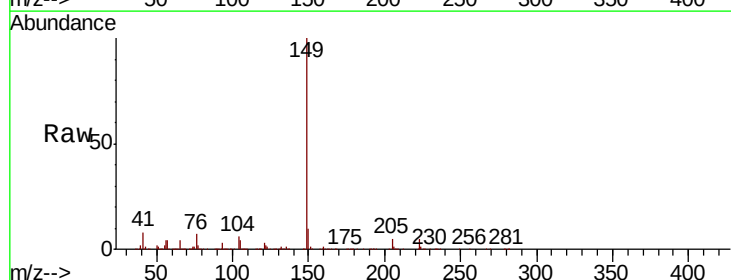


Time--> 17.70 17.80 17.90 18.00



#74
 Di-n-butylphthalate
 Concen: 48.551 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.3	5.0	7.6

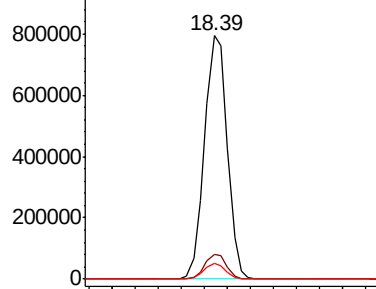


Abundance

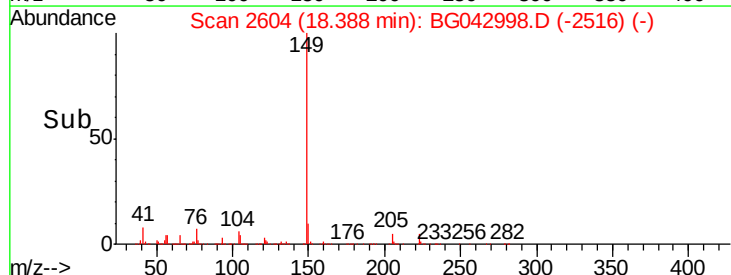
Ion 149.00 (148.70 to 149.70): E

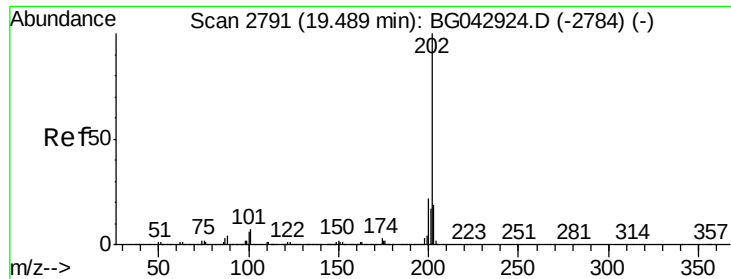
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40 18.50





#75

Fluoranthene

Concen: 49.679 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

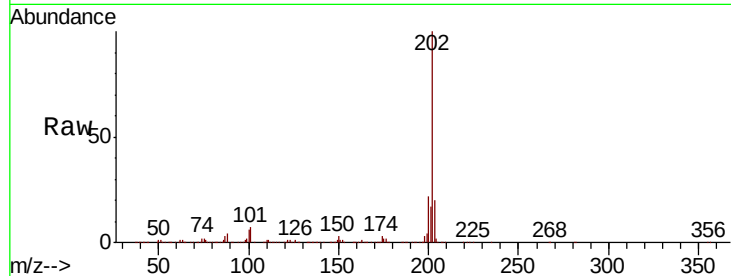
ClientSampleId :

S-1MSD

Tot Ion:	202	Resp:	1323973
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.3
203	19.7	0.0	39.5

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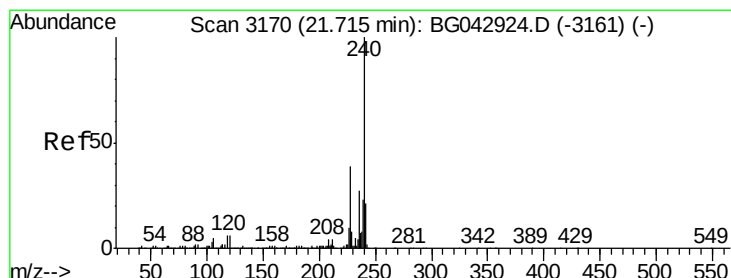
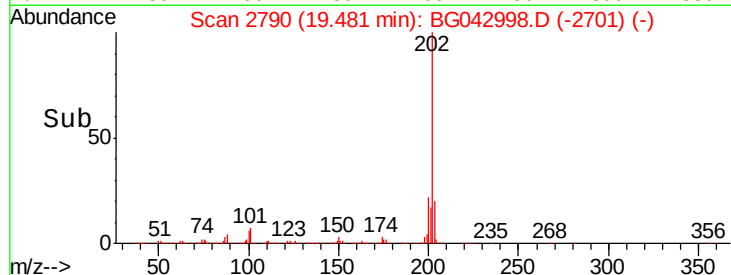
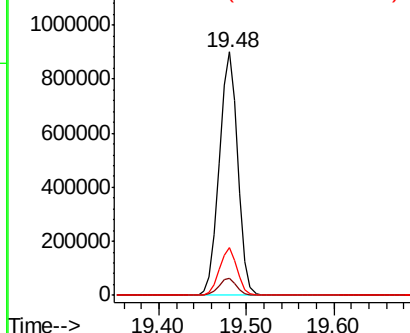


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

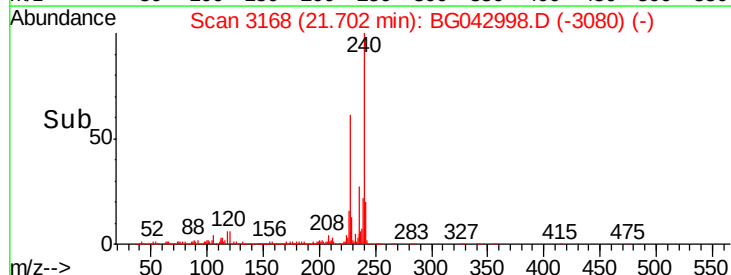
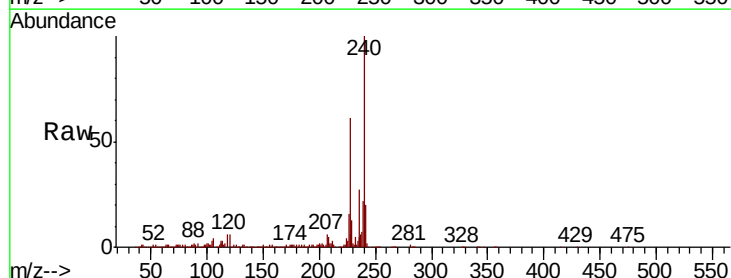
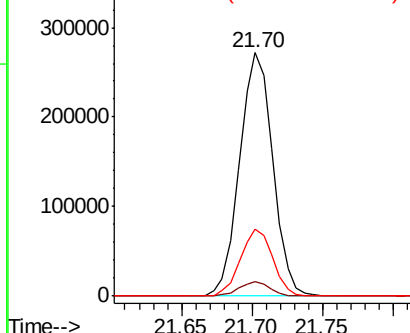
Tgt Ion:	240	Resp:	446566
Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.8	7.2
236	27.4	21.4	32.0

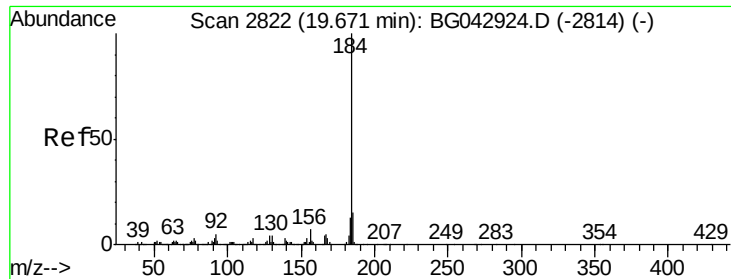
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.203 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

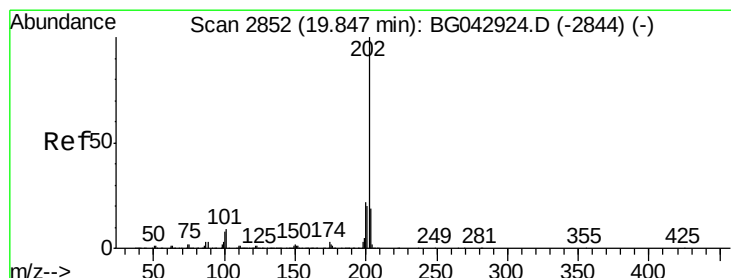
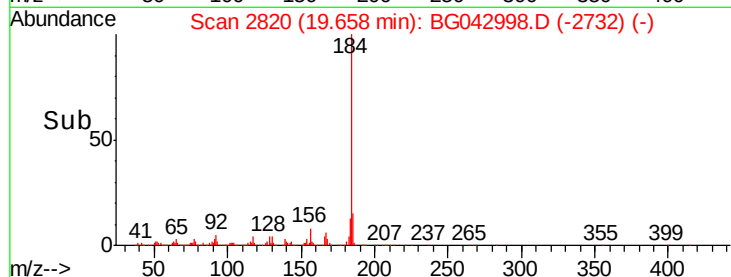
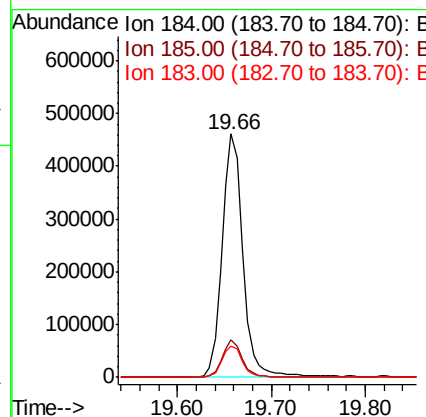
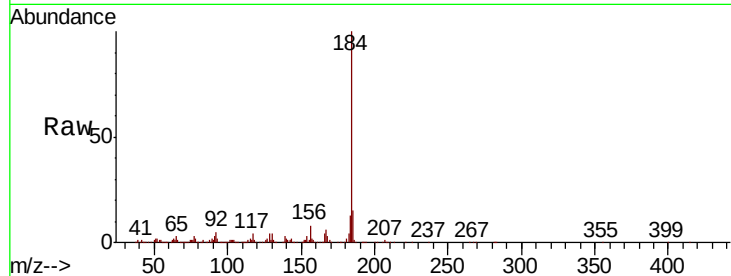
ClientSampleId :

S-1MSD

Tot Ion:	184	Resp:	717894
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	13.0	10.1	15.1

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#78

Pyrene

Concen: 49.821 ng

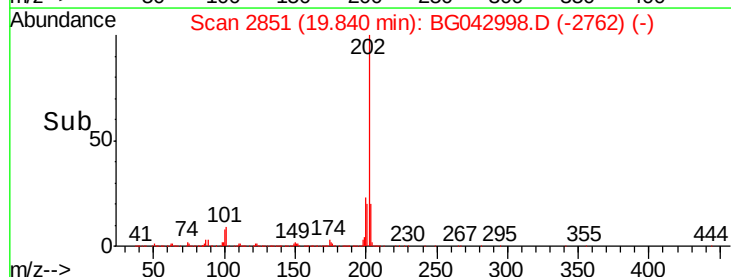
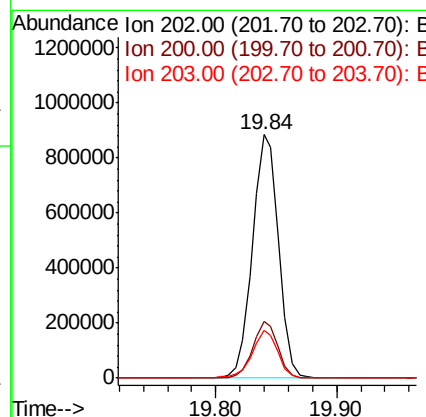
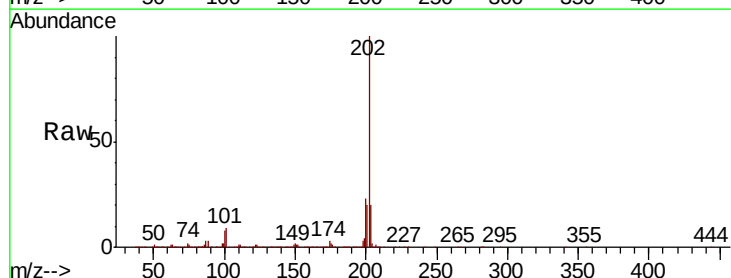
RT: 19.84 min Scan# 2851

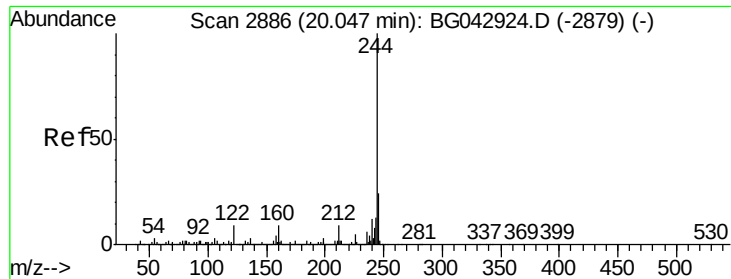
Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	202	Resp:	1327929
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.6	26.4
203	19.8	15.2	22.8





#79

Terphenyl-d14

Concen: 84.452 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

Tot Ion:244 Resp: 1769849

Ion Ratio Lower Upper

244 100

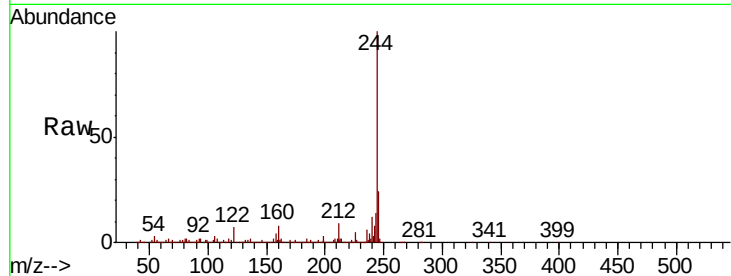
212 8.5 7.4 11.0

122 7.3 7.0 10.4

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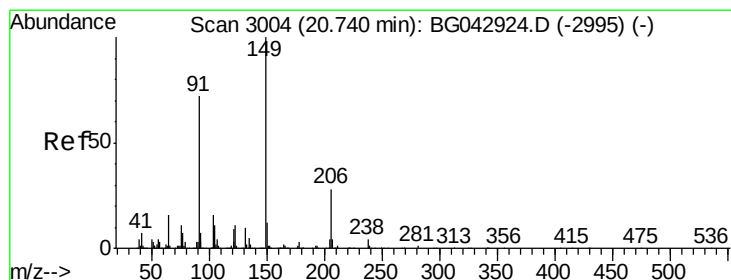
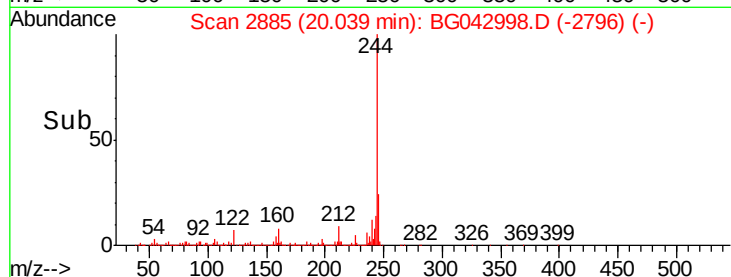
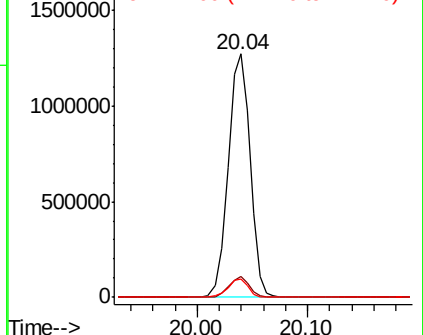
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.466 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

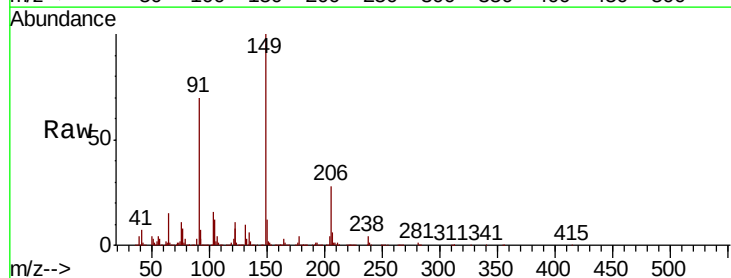
Tgt Ion:149 Resp: 510568

Ion Ratio Lower Upper

149 100

91 69.9 57.7 86.5

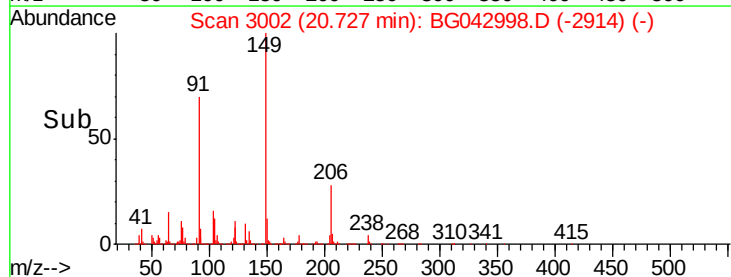
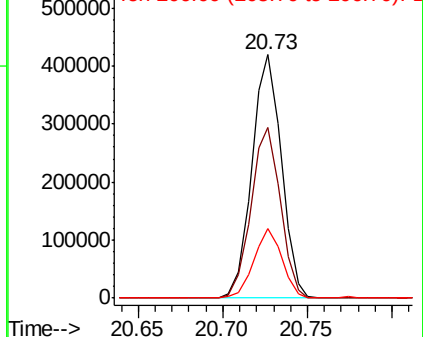
206 28.3 22.6 33.8

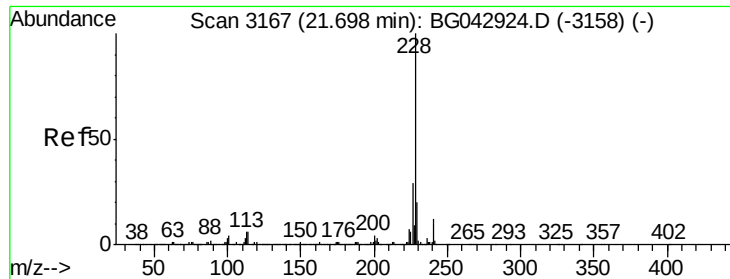


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.488 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampled :

S-1MSD

Tot Ion:228 Resp: 1377017

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	22.1	16.3	24.5

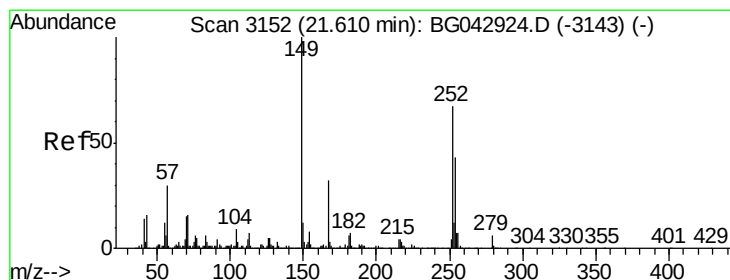
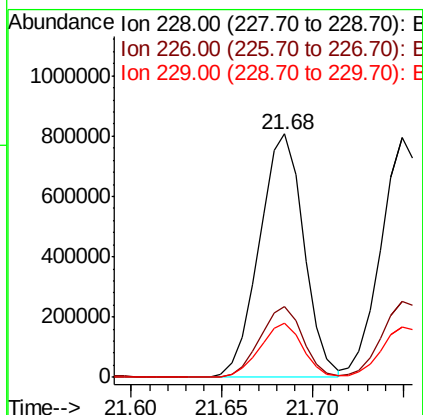
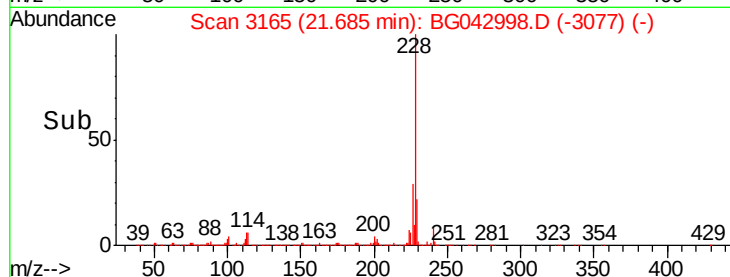
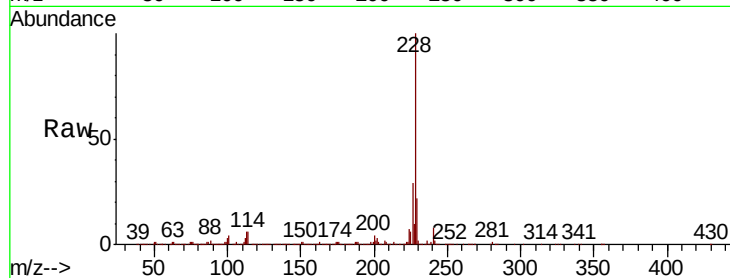
228 100

226 29.0 23.0 34.4

229 22.1 16.3 24.5

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#82

3,3'-Dichlorobenzidine

Concen: 32.106 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

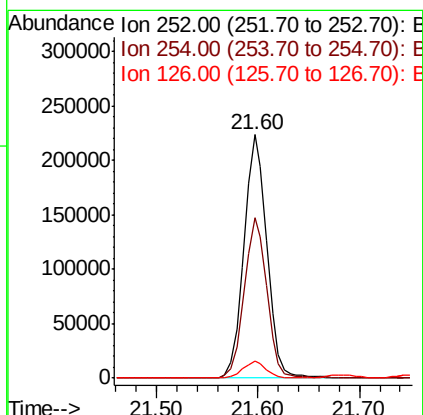
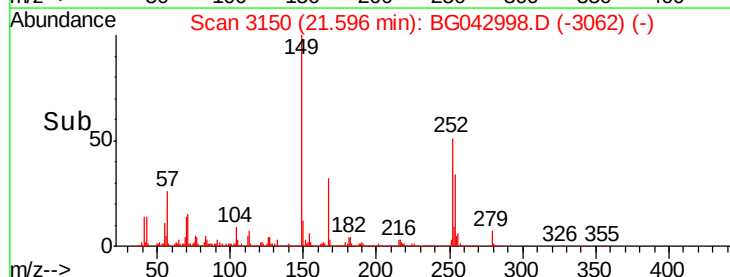
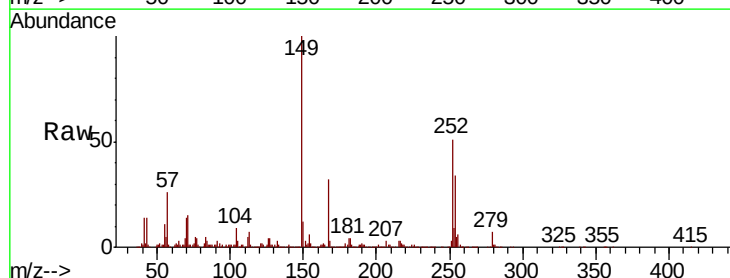
Tgt Ion:252 Resp: 350386

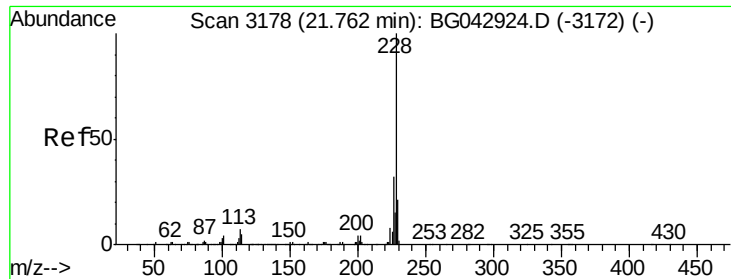
Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	7.3	6.1	9.1

252 100

254 65.7 51.9 77.9

126 7.3 6.1 9.1





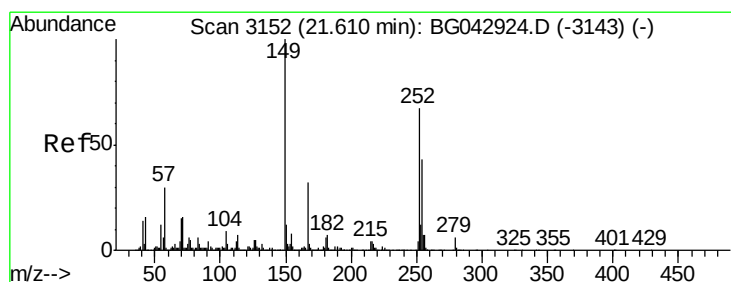
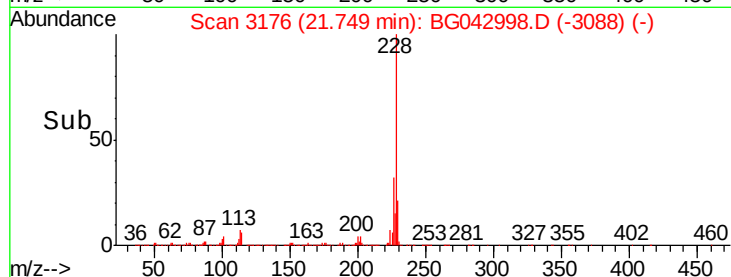
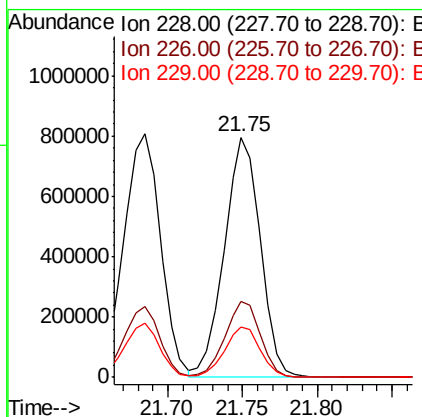
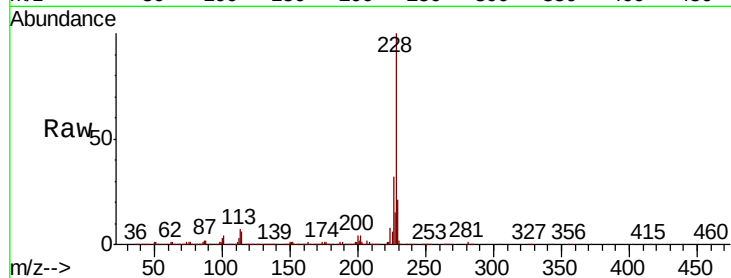
#83
 Chrysene
 Concen: 49.521 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	21.2	16.9	25.3

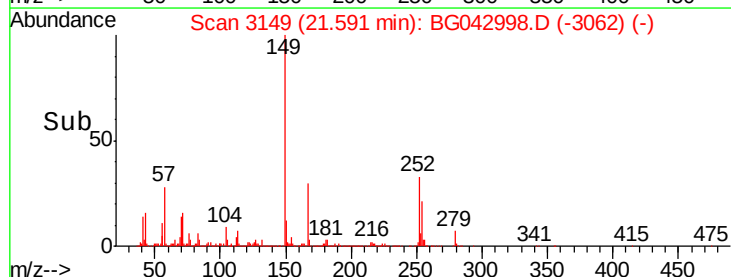
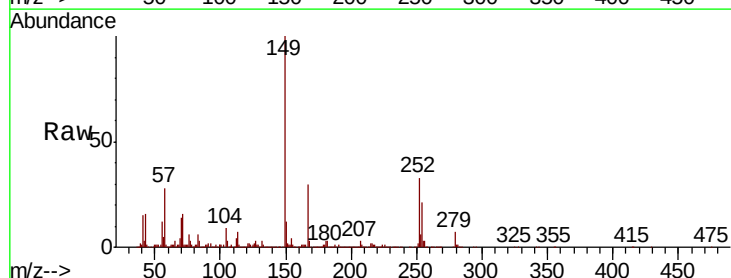
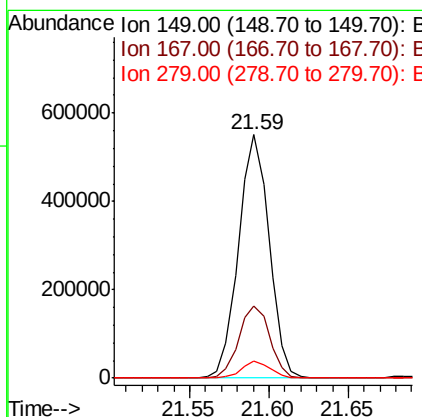
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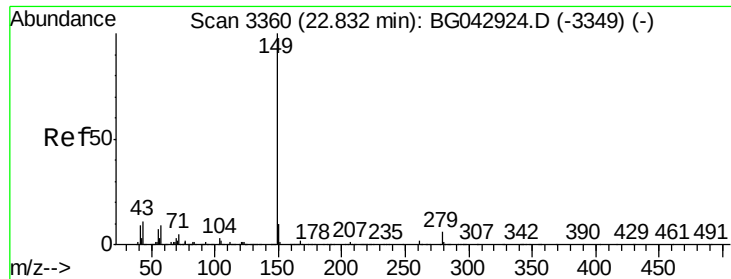
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.144 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	25.4	38.2
279	6.9	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 52.801 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

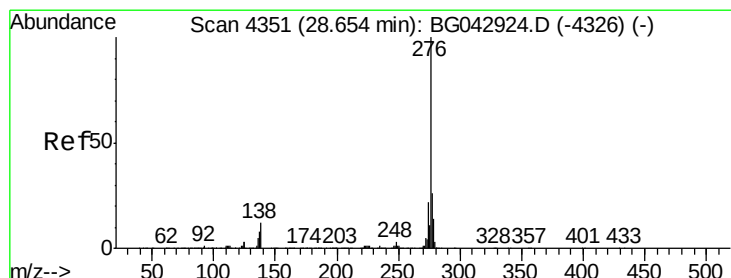
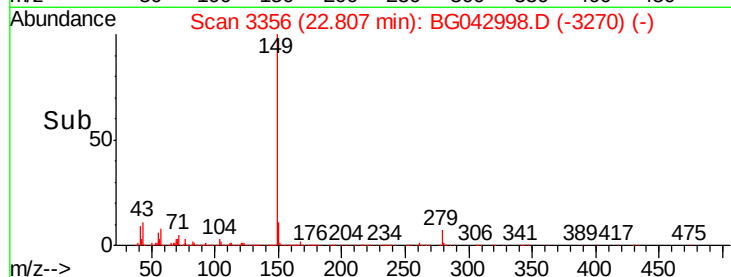
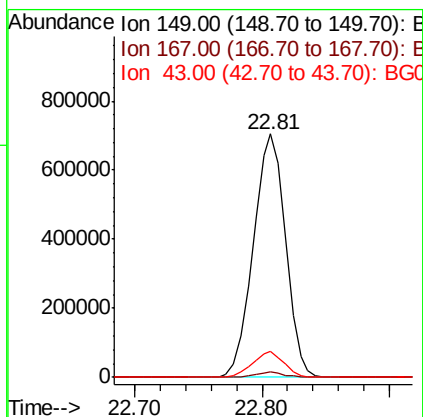
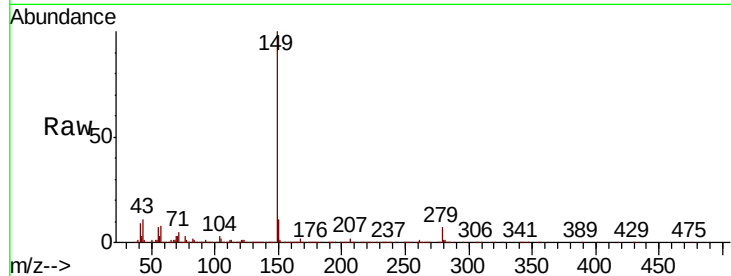
ClientSampleId :

S-1MSD

Tot Ion:	149	Resp:	1242976
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.2	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 52.900 ng

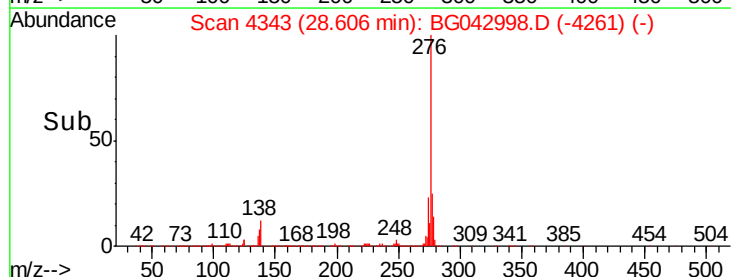
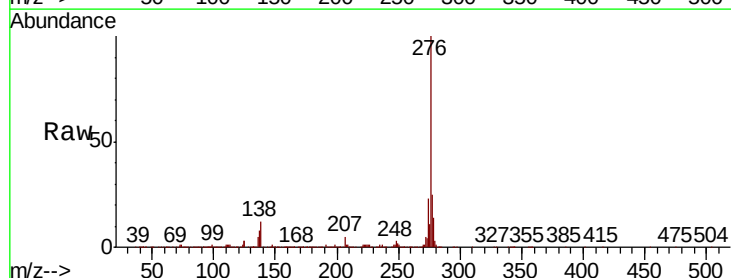
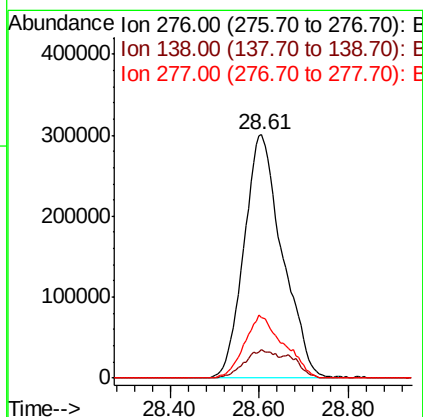
RT: 28.61 min Scan# 4343

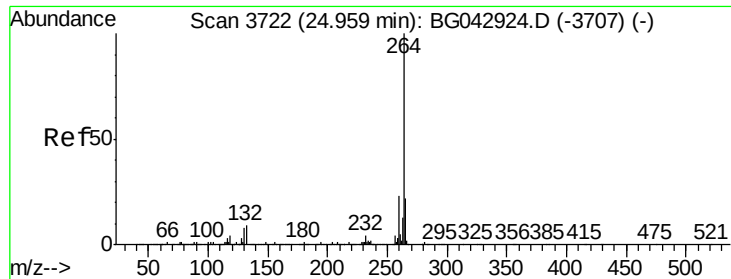
Delta R.T. -0.05 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	276	Resp:	1778249
Ion	Ratio	Lower	Upper
276	100		
138	9.8	7.0	10.6
277	26.5	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

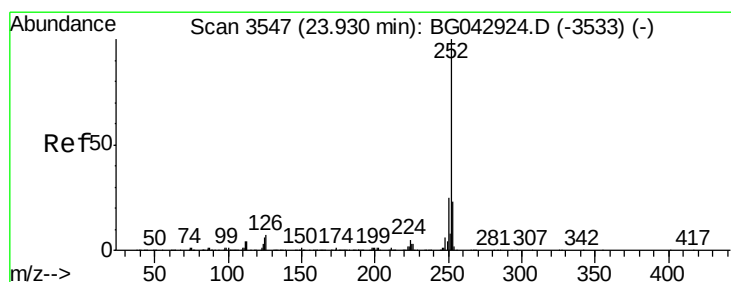
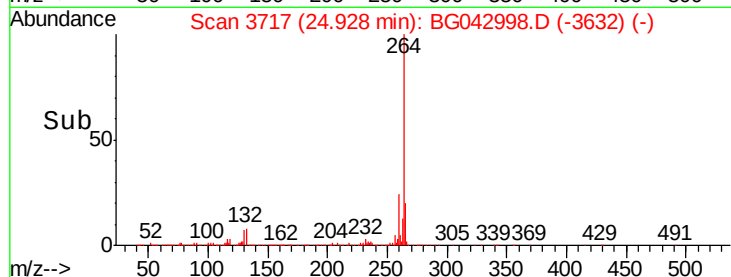
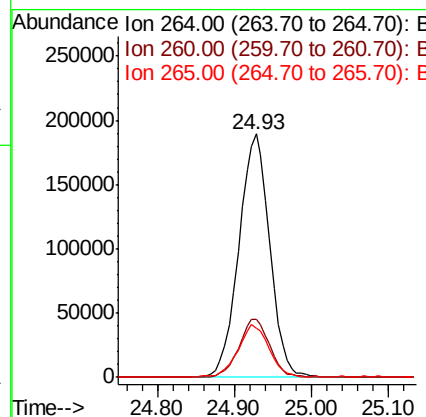
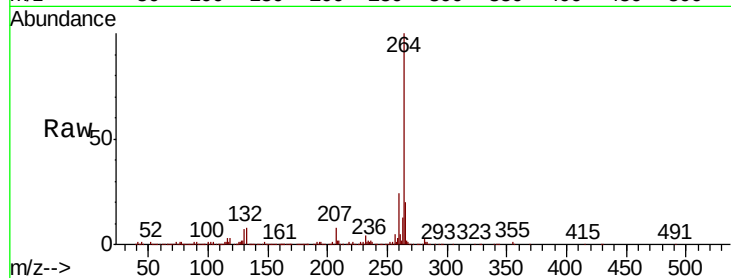
ClientSampleId :

S-1MSD

Tot Ion:	264	Resp:	529910
Ion Ratio		Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 48.869 ng

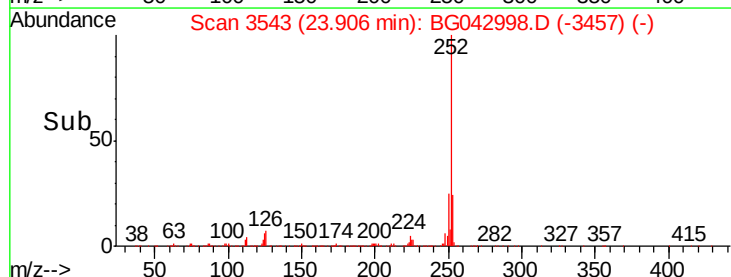
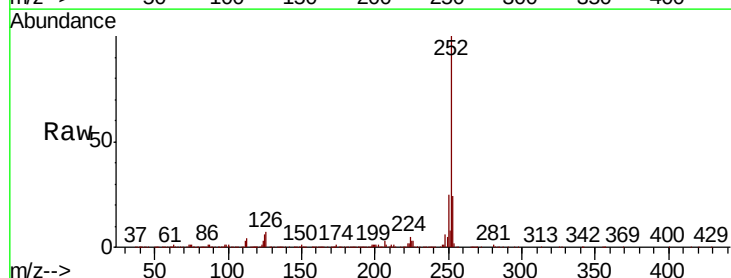
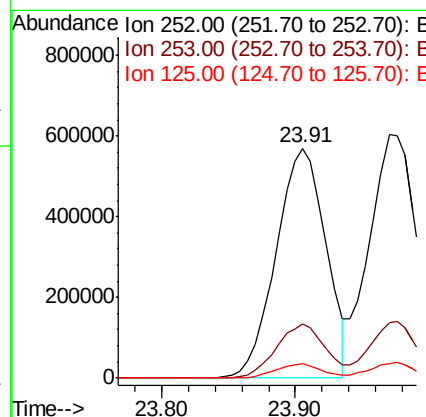
RT: 23.91 min Scan# 3543

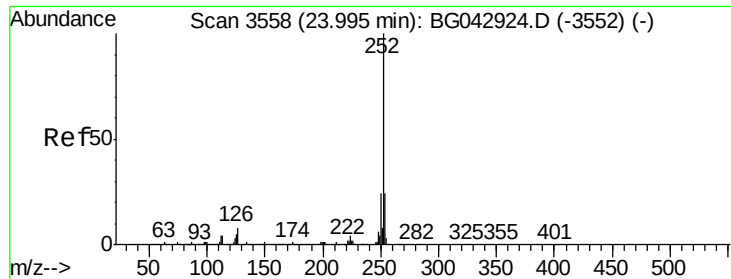
Delta R.T. -0.02 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:	252	Resp:	1465281
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.2	27.2
125	6.4	4.6	7.0





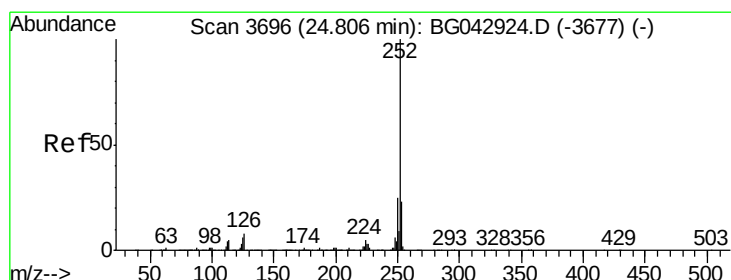
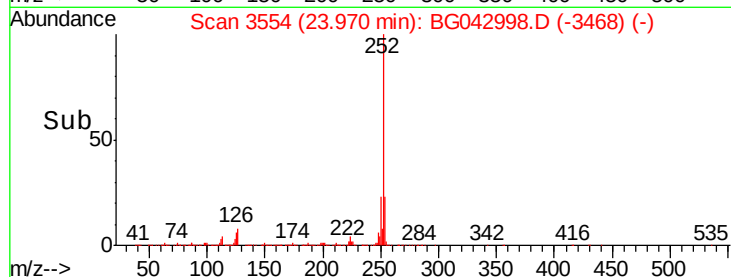
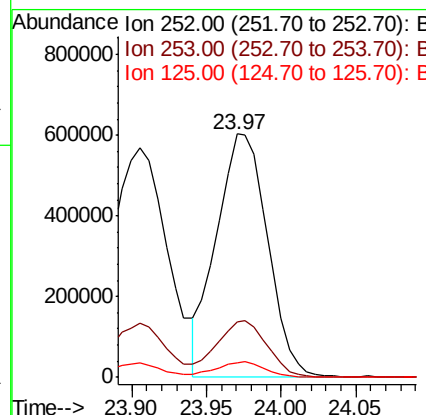
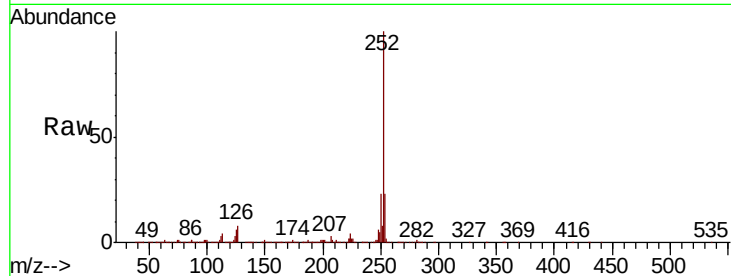
#89
Benzo(k)fluoranthene
Concen: 48.322 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	5.7	4.5	6.7

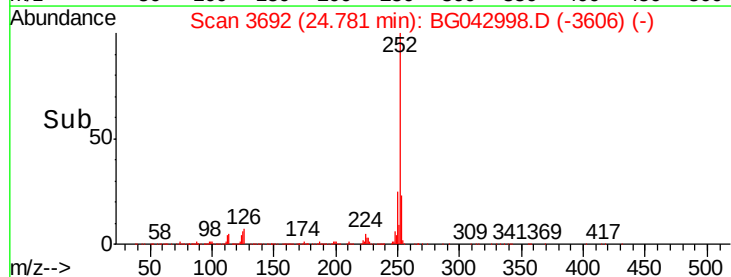
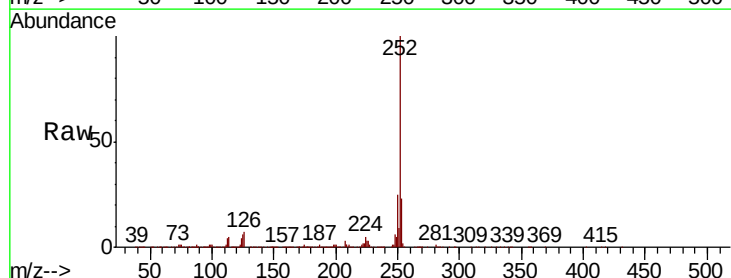
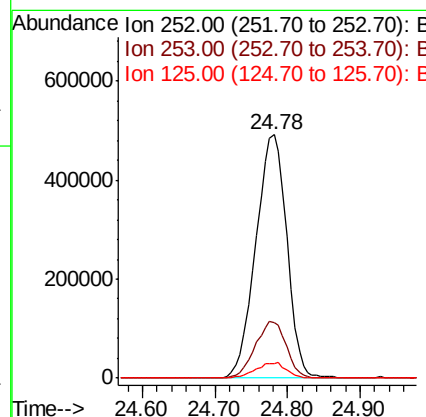
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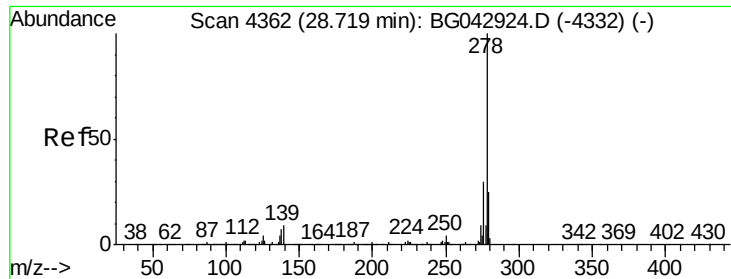
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#90
Benzo(a)pyrene
Concen: 51.680 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	5.9	5.0	7.6





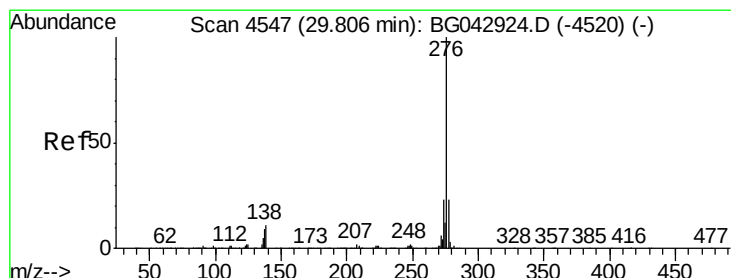
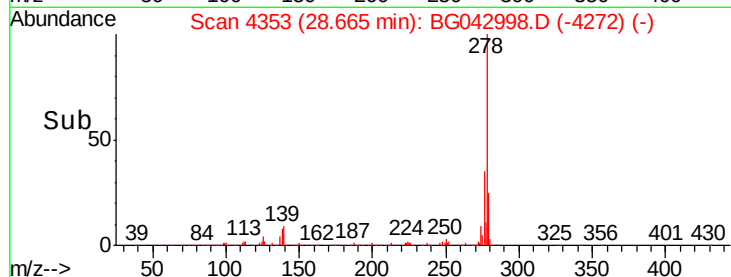
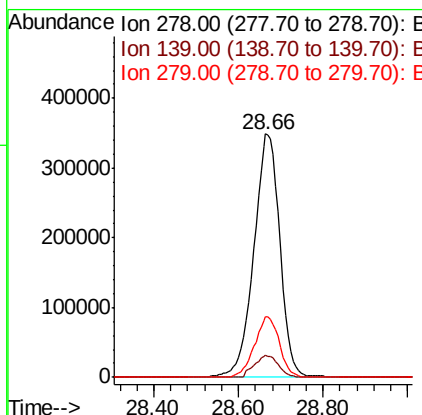
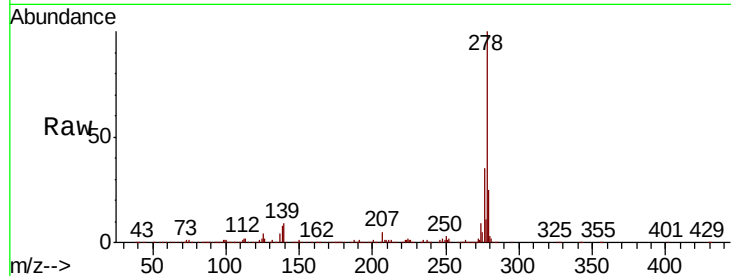
#91
Dibenzo(a,h)anthracene
Concen: 51.982 ng
RT: 28.66 min Scan# 4353
Delta R.T. -0.05 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:278 Resp: 1507872
Ion Ratio Lower Upper
278 100
139 9.1 6.8 10.2
279 24.8 20.1 30.1

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#92
Benzo(g,h,i)perylene
Concen: 52.977 ng
RT: 29.75 min Scan# 4537
Delta R.T. -0.06 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:276 Resp: 1488958
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 10.9 8.6 12.8

