

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044905.D
 Acq On : 19 Mar 2020 20:15
 Operator : CG/JU
 Sample : L1964-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Manual Integrations
 APPROVED

mohammad
 3/20/2020 11:48:04 AM

Quant Time: Mar 20 02:15:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81306	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	308044	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	211922	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	487279	20.00	ng	0.00
76) Chrysene-d12	21.69	240	452614	20.00	ng	-0.01
87) Perylene-d12	24.90	264	539770	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	619689	118.65	ng	0.00
7) Phenol-d6	7.20	99	781254	102.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	624947	89.02	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	418700	150.89	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1276227	86.24	ng	0.00
79) Terphenyl-d14	20.03	244	2261791	93.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	86156	34.255	ng	# 24
3) Pyridine	3.93	79	167977	22.560	ng	99
4) n-Nitrosodimethylamine	3.83	42	120706	42.727	ng	99
6) Aniline	7.36	93	132802	14.064	ng	94
8) 2-Chlorophenol	7.61	128	254200	48.754	ng	98
9) Benzaldehyde	7.17	77	203954	46.036	ng	95
10) Phenol	7.23	94	285603	38.015	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	247376	41.257	ng	93
12) 1,3-Dichlorobenzene	7.94	146	267614	41.667	ng	96
13) 1,4-Dichlorobenzene	8.08	146	269105	42.381	ng	97
14) 1,2-Dichlorobenzene	8.40	146	248137	41.204	ng	99
15) Benzyl Alcohol	8.28	79	259397	42.603	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	368185	34.796	ng	98
17) 2-Methylphenol	8.49	107	220657	43.358	ng	98
18) Hexachloroethane	9.14	117	102112	40.847	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	208959	38.996	ng	98
20) 3+4-Methylphenols	8.81	107	303842	43.311	ng	97
22) Acetophenone	8.86	105	380980	43.656	ng	# 98
24) Nitrobenzene	9.24	77	322579	44.286	ng	100
25) Isophorone	9.77	82	596330	43.525	ng	99
26) 2-Nitrophenol	9.96	139	137502	53.643	ng	98
27) 2,4-Dimethylphenol	10.02	122	239336	53.642	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	328926	40.229	ng	99
29) 2,4-Dichlorophenol	10.49	162	253703	48.683	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	272823	43.783	ng	96
31) Naphthalene	10.90	128	753683	44.167	ng	98
32) Benzoic acid	10.15	122	109475	34.821	ng	97
33) 4-Chloroaniline	11.01	127	25061	3.260	ng	# 91
34) Hexachlorobutadiene	11.20	225	182726	44.591	ng	97
35) Caprolactam	11.76	113	65664m	33.280	ng	
36) 4-Chloro-3-methylphenol	12.12	107	292907	47.127	ng	96
37) 2-Methylnaphthalene	12.50	142	567366	44.448	ng	95
38) 1-Methylnaphthalene	12.73	142	541553	45.128	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	300096	42.998	ng	99

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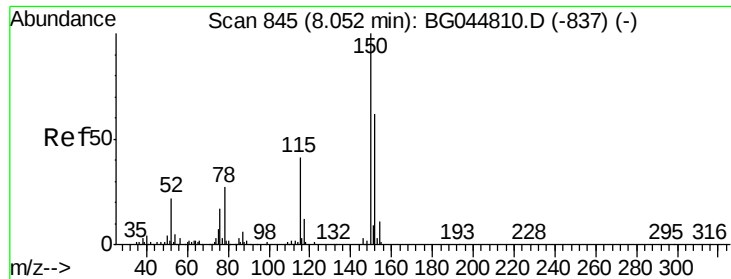
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	368666	96.656	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	225965	48.786	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	242301	50.443	nq	94
46) 1,1'-Biphenyl	13.51	154	709904	41.919	nq	99
47) 2-Chloronaphthalene	13.56	162	548022	42.361	nq	99
48) 2-Nitroaniline	13.74	65	202789	44.774	nq	98
49) Acenaphthylene	14.40	152	917867	45.287	nq	98
50) Dimethylphthalate	14.13	163	794112	47.048	nq	99
51) 2,6-Dinitrotoluene	14.24	165	173550	51.011	nq	97
52) Acenaphthene	14.74	154	660255	49.742	nq	99
53) 3-Nitroaniline	14.57	138	53695	13.727	nq	99
54) 2,4-Dinitrophenol	14.77	184	179113	98.589	nq	92
55) Dibenzofuran	15.08	168	878626	45.647	nq	99
56) 4-Nitrophenol	14.88	139	261943	87.747	nq	92
57) 2,4-Dinitrotoluene	15.03	165	246226	52.770	nq	97
58) Fluorene	15.72	166	727551	45.949	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	229105	51.806	nq	# 93
60) Diethylphthalate	15.49	149	786151	44.657	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	396539	46.510	nq	98
62) 4-Nitroaniline	15.74	138	173052	41.490	nq	95
63) Azobenzene	16.01	77	780180	42.677	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	138587	58.435	nq	96
66) n-Nitrosodiphenylamine	15.93	169	665266	45.347	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	275230	45.181	nq	98
68) Hexachlorobenzene	16.73	284	297515	45.018	nq	99
69) Atrazine	16.88	200	268820	50.014	nq	98
70) Pentachlorophenol	17.08	266	368548	101.353	nq	98
71) Phenanthrene	17.46	178	1204226	46.246	nq	100
72) Anthracene	17.56	178	1237590	48.200	nq	99
73) Carbazole	17.82	167	1170047	47.440	nq	99
74) Di-n-butylphthalate	18.39	149	1388598	46.315	nq	99
75) Fluoranthene	19.47	202	1534152	49.482	nq	99
77) Benzidine	19.64	184	185375	12.616	nq	98
78) Pyrene	19.83	202	1529736	46.067	nq	99
80) Butylbenzylphthalate	20.72	149	655480	44.370	nq	96
81) Benzo(a)anthracene	21.67	228	1498273	45.971	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	186113	14.761	nq	97
83) Chrysene	21.74	228	1408144	45.231	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	907743	44.522	nq	99
85) Di-n-octyl phthalate	22.81	149	1560395	45.735	nq	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1968233	48.223	nq	# 98
88) Benzo(b)fluoranthene	23.88	252	1628403	45.698	nq	99
89) Benzo(k)fluoranthene	23.95	252	1570453	46.570	nq	99
90) Benzo(a)pyrene	24.75	252	1504788	45.130	nq	96
91) Dibenzo(a,h)anthracene	28.60	278	1580274	48.040	nq	98
92) Benzo(g,h,i)perylene	29.68	276	1623158	48.839	nq	98

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



#1

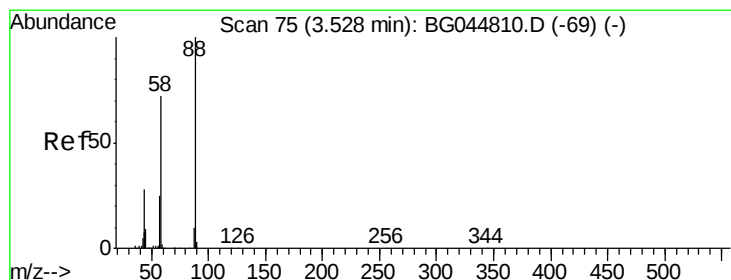
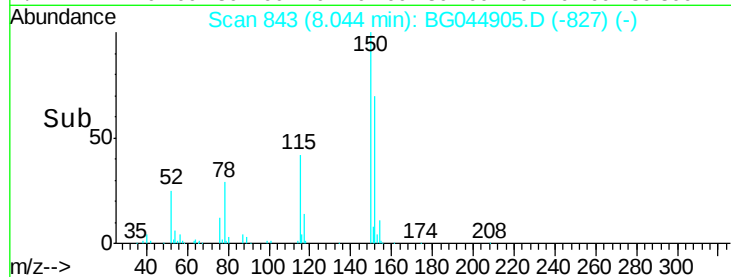
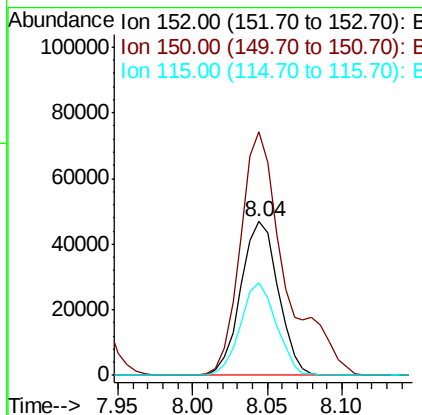
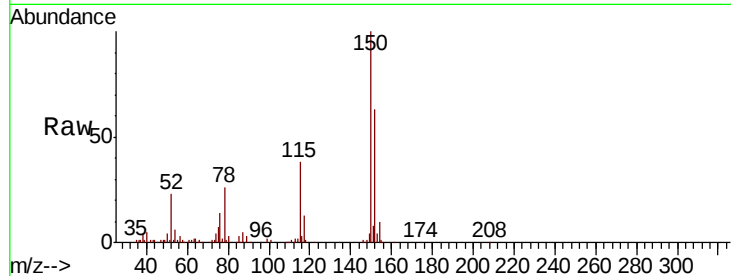
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	128.8	193.2
115	60.5	52.6	79.0

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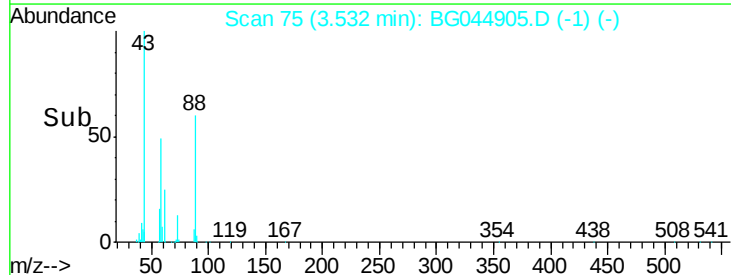
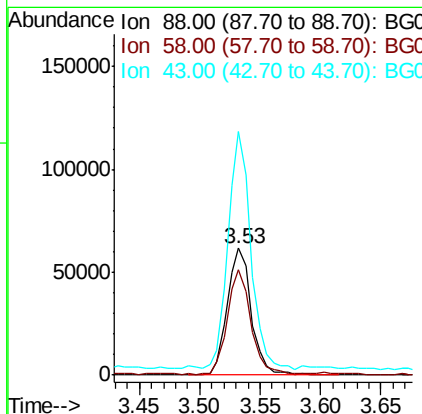
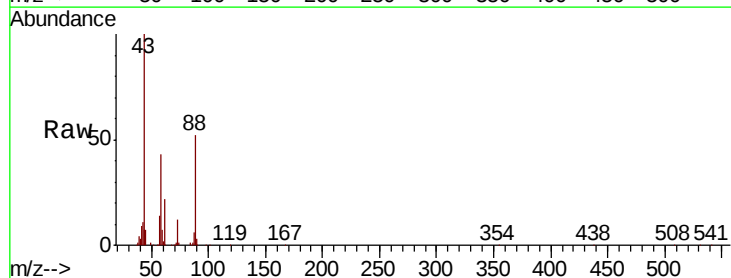
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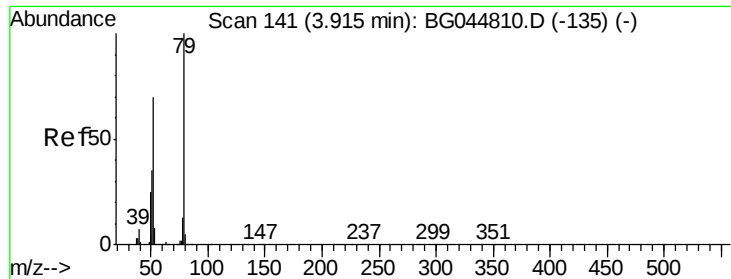


#2

1,4-Dioxane
Concen: 34.255 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	63.0	94.4
43	174.9	24.8	37.2#





#3

Pvridine

Concen: 22.560 ng

RT: 3.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

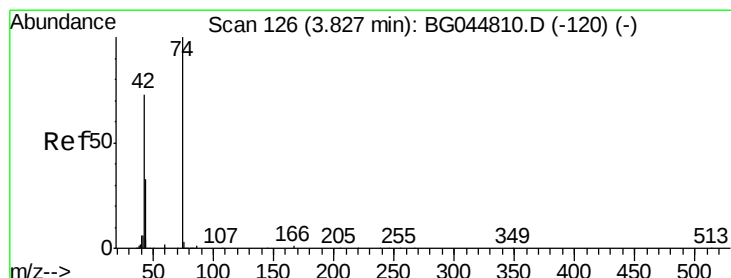
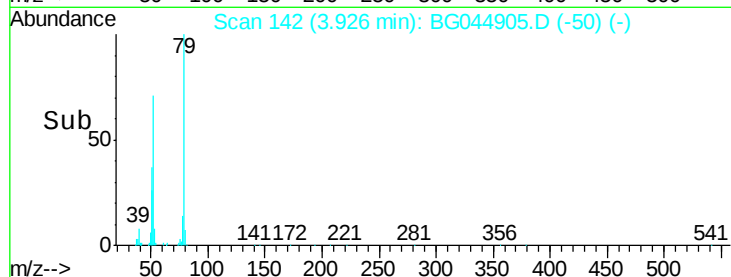
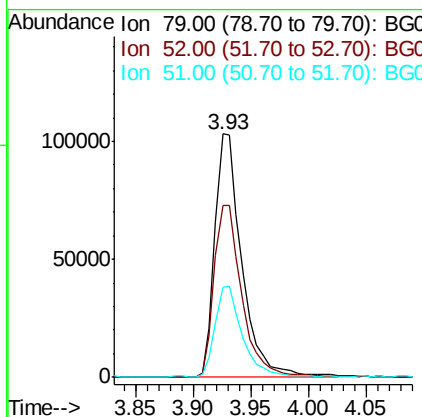
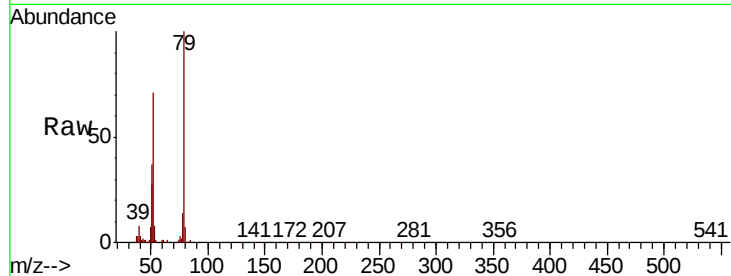
ClientSampleId :

2000448388MS

Tot Ion:	79	Resp:	167977
Ion Ratio	Lower	Upper	
79	100		
52	70.7	56.3	84.5
51	37.1	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 42.727 ng

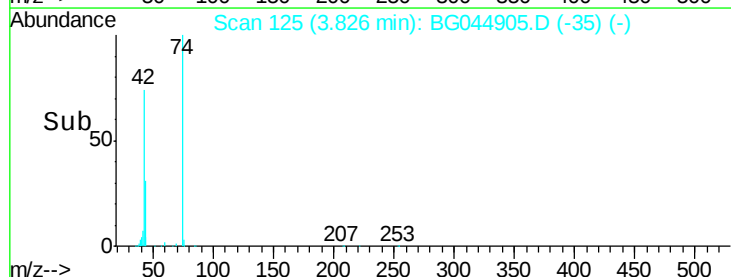
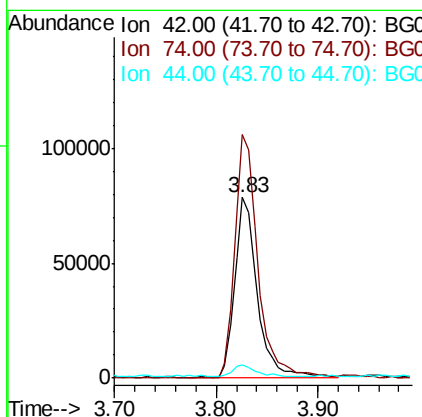
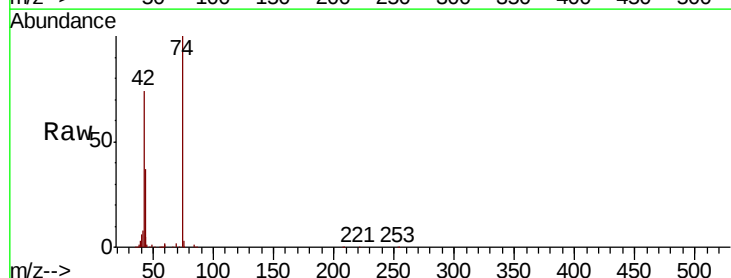
RT: 3.83 min Scan# 125

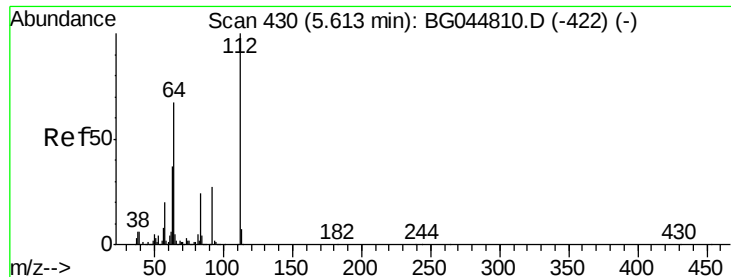
Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	42	Resp:	120706
Ion Ratio	Lower	Upper	
42	100		
74	134.8	109.1	163.7
44	7.4	5.4	8.2





#5

2-Fluorophenol

Concen: 118.646 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

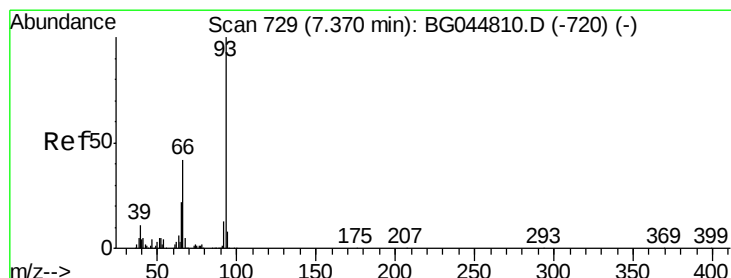
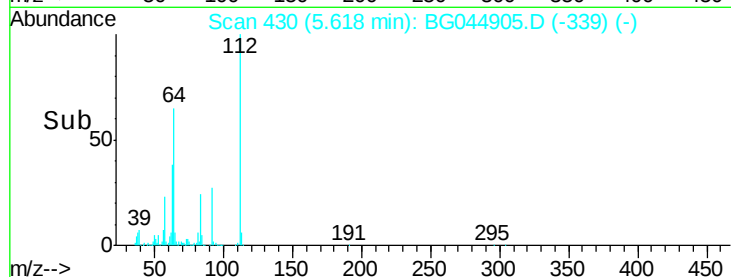
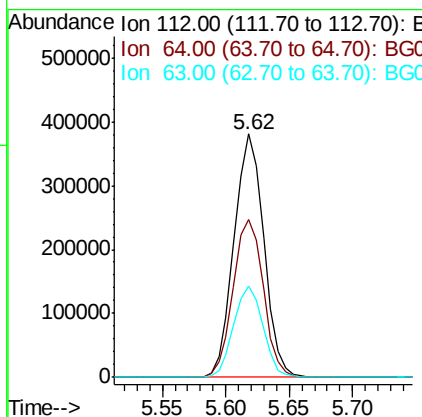
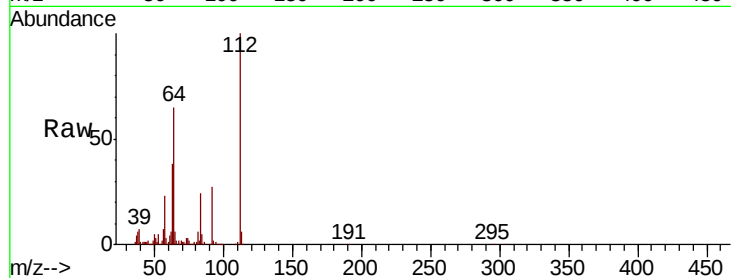
ClientSampleId :

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Tot Ion:	112	Resp:	619689
Ion Ratio	Lower	Upper	
112	100		
64	65.1	53.4	80.2
63	37.5	29.4	44.2

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#6

Aniline

Concen: 14.064 ng

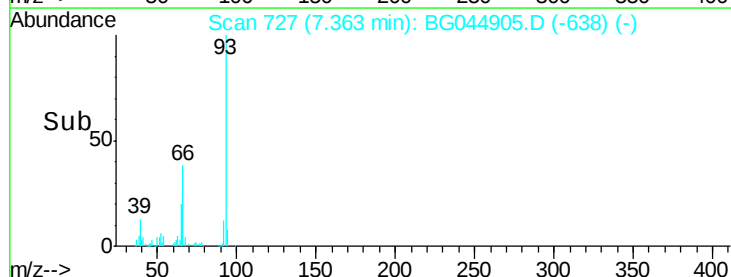
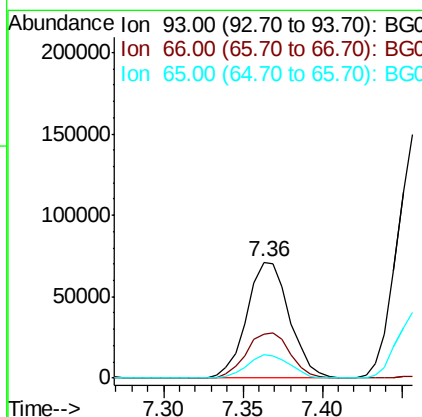
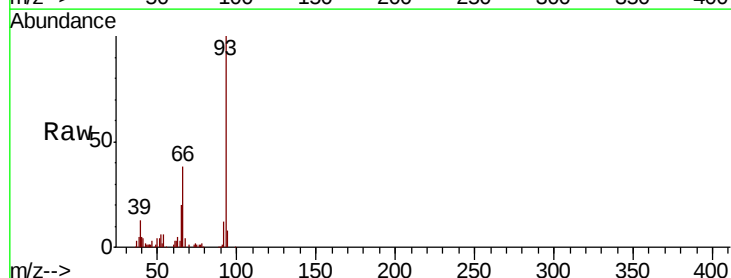
RT: 7.36 min Scan# 727

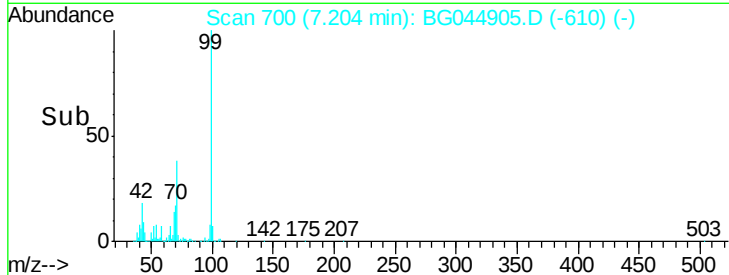
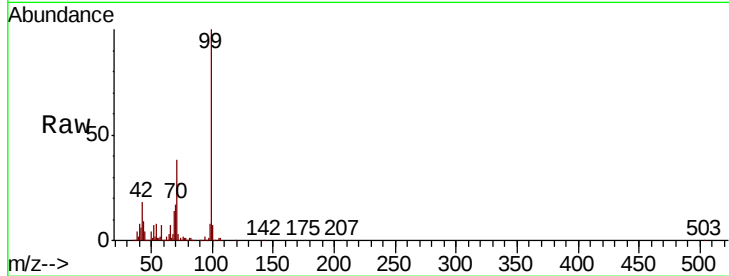
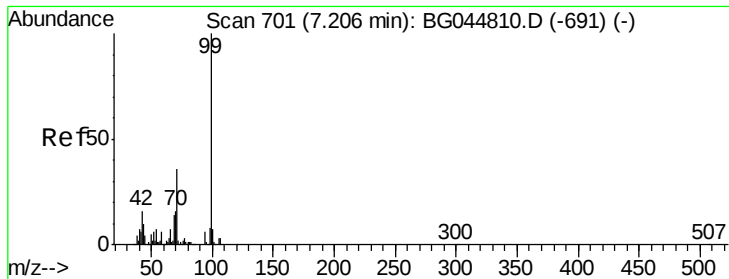
Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	93	Resp:	132802
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	19.7	17.7	26.5





#7

Phenol-d6

Concen: 102.950 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tot Ion:	99	Resp:	781254
Ion Ratio	Lower	Upper	
99	100		
42	18.0	12.6	19.0
71	38.5	29.0	43.4

Instrument :

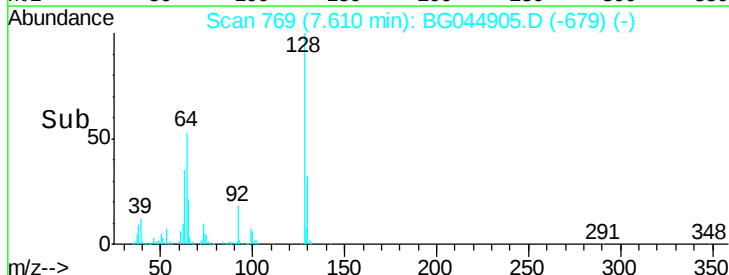
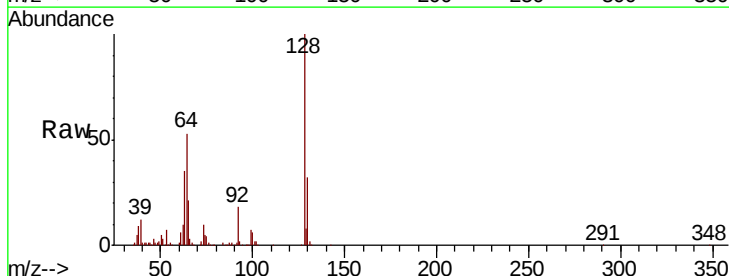
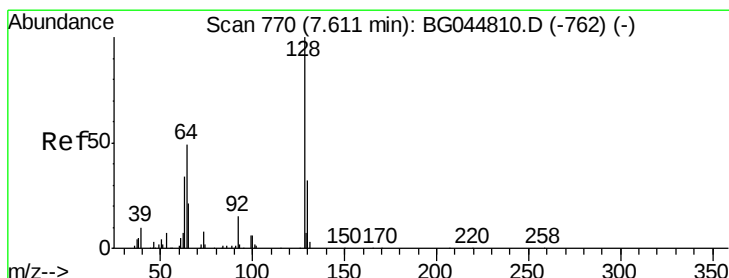
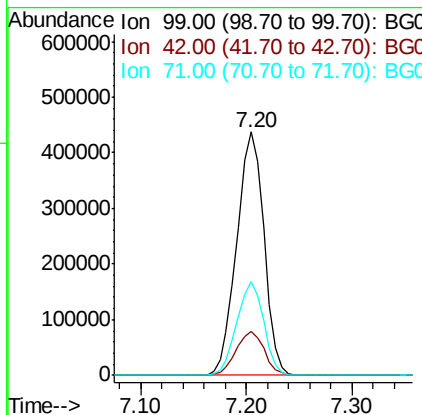
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#8

2-Chlorophenol

Concen: 48.754 ng

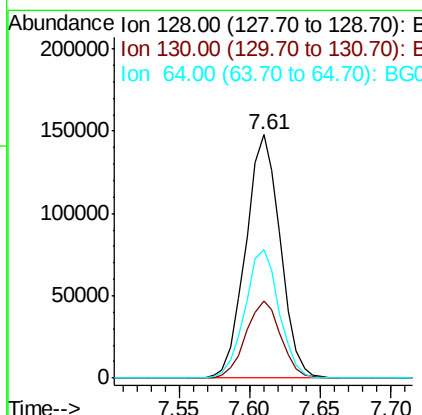
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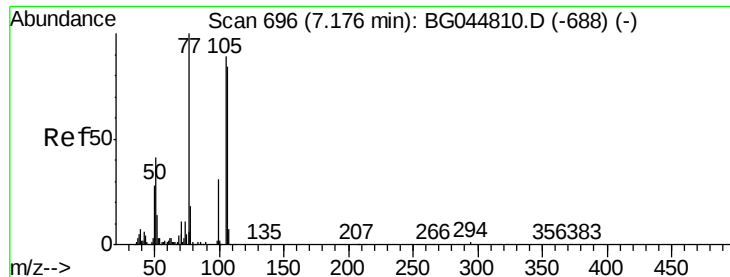
Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	128	Resp:	254200
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.6	51.6
64	52.5	34.5	74.5





#9

Benzaldehyde

Concen: 46.036 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

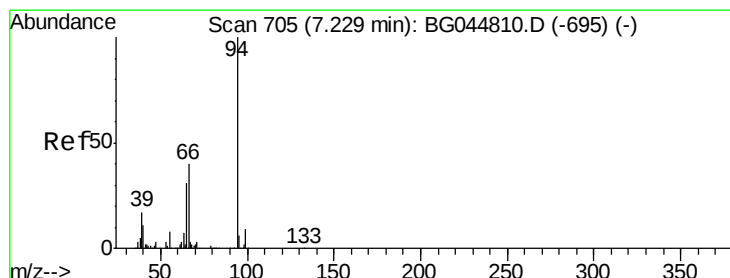
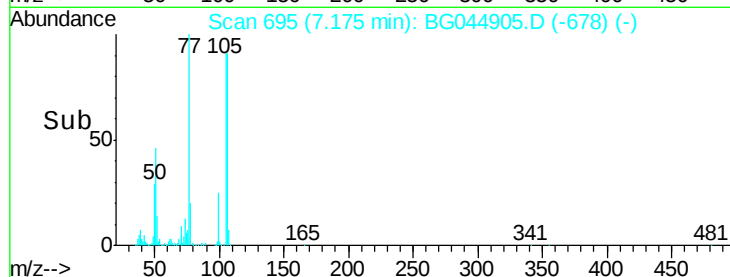
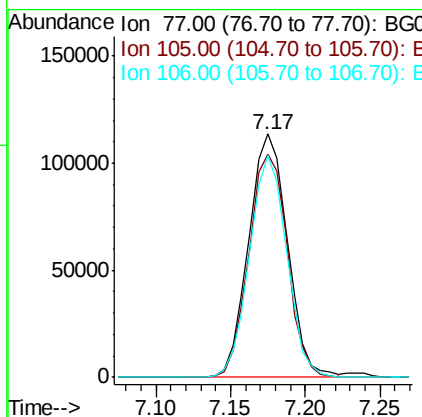
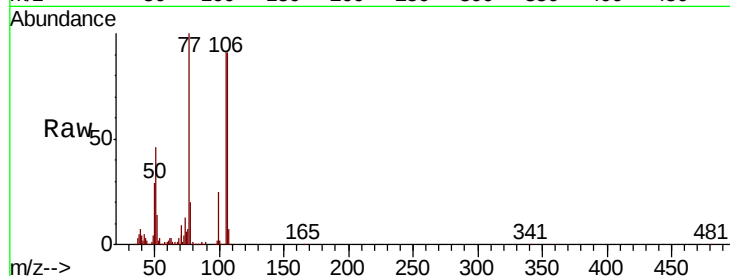
ClientSampleId :

2000448388MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	91.5	69.3	109.3	
106	91.0	64.5	104.5	

Manual Integrations
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#10

Phenol

Concen: 38.015 ng

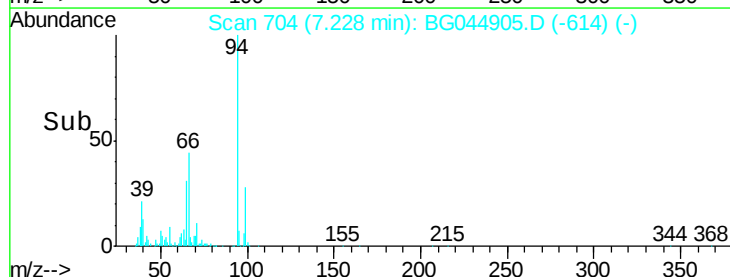
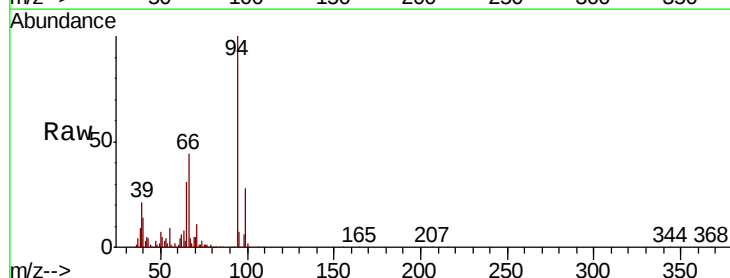
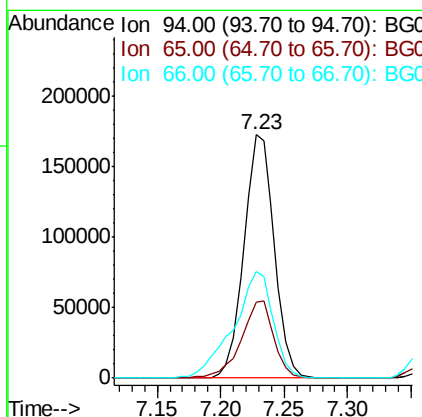
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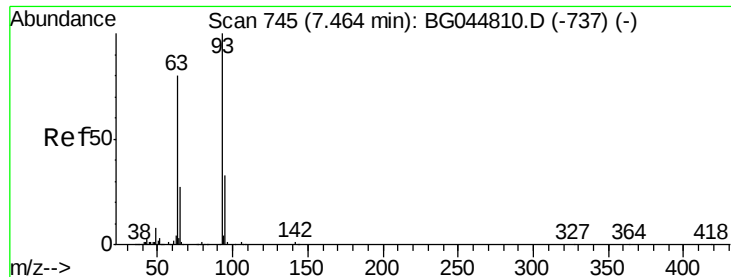
Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.3	11.0	51.0	
66	43.9	20.1	60.1	





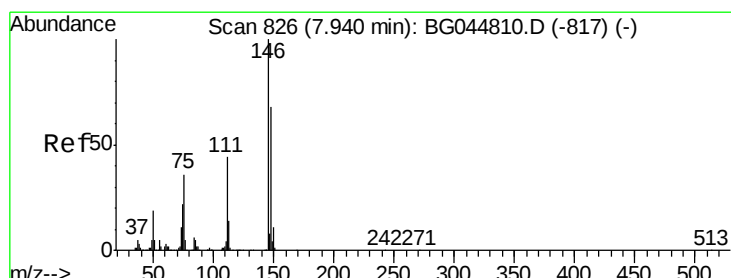
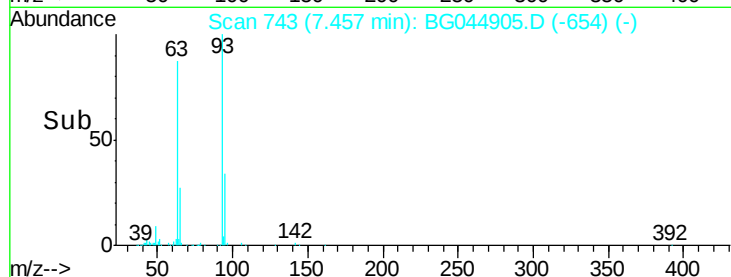
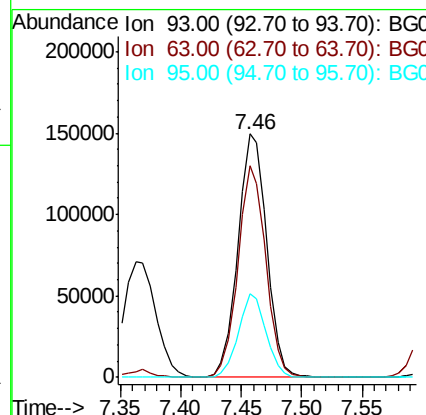
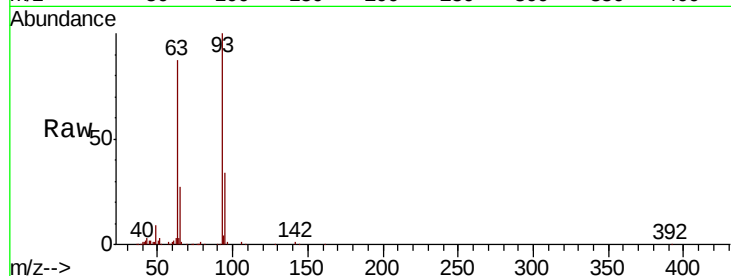
#11
bis(2-Chloroethyl)ether
Concen: 41.257 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	59.7	99.7
95	34.2	13.1	53.1

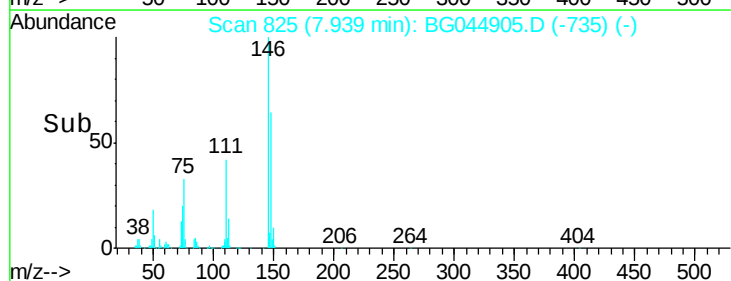
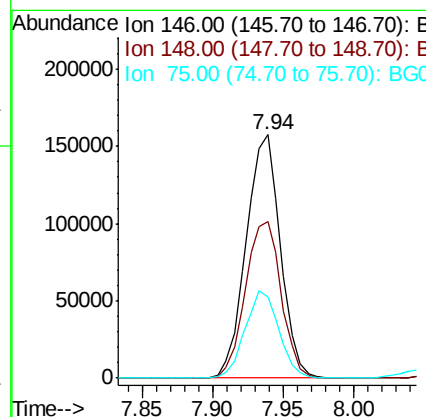
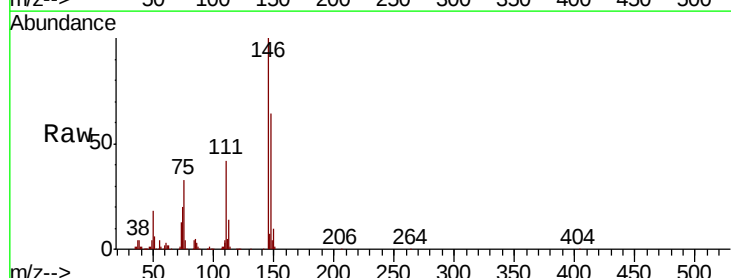
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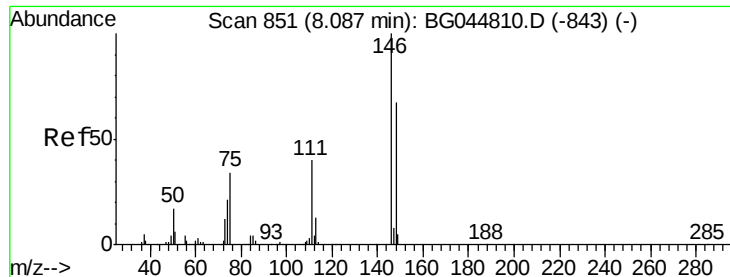
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.667 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	54.2	81.4
75	33.2	28.6	42.8





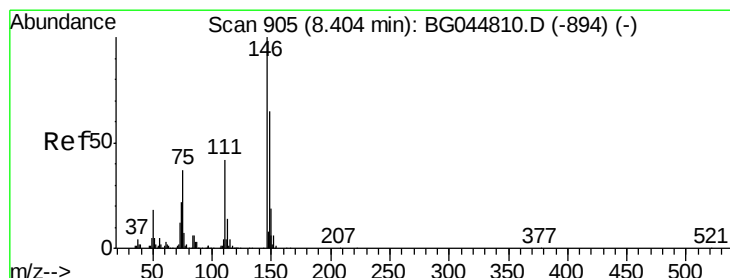
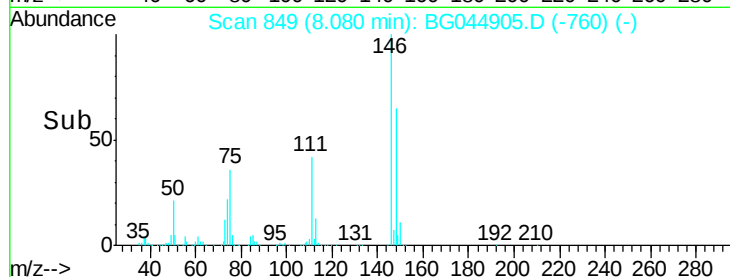
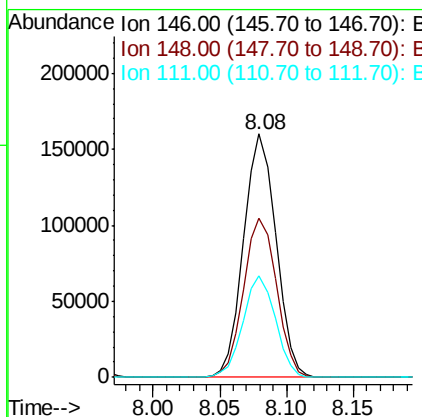
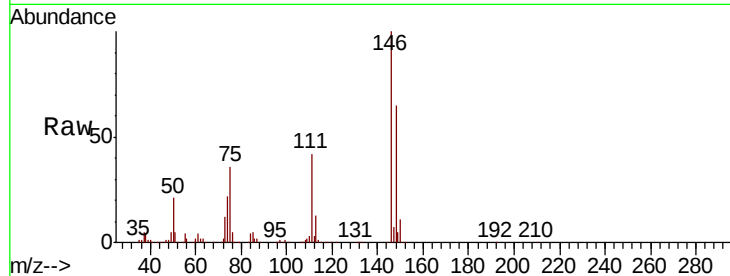
#13
 1,4-Dichlorobenzene
 Concen: 42.381 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		269105		
148	65.2	53.8		80.6	
111	41.8	32.0		48.0	

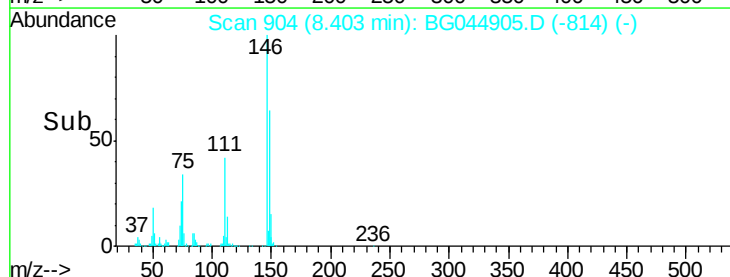
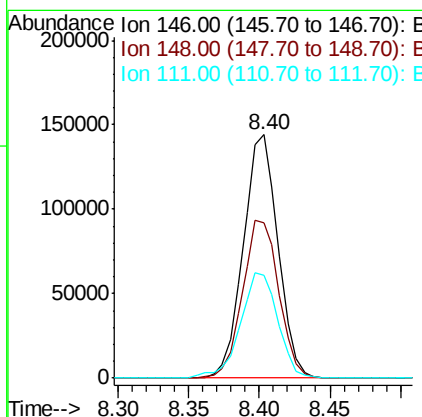
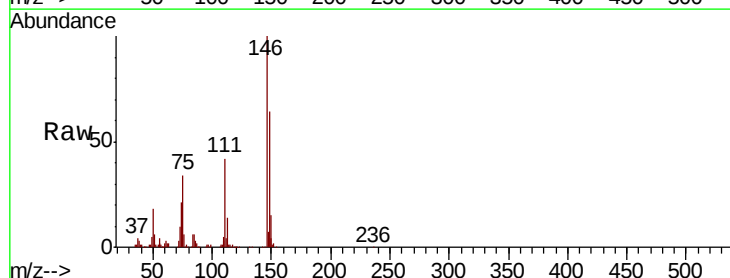
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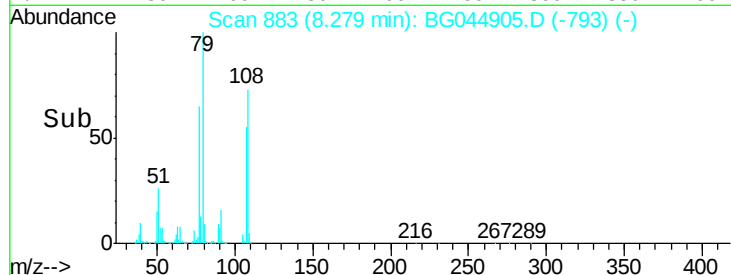
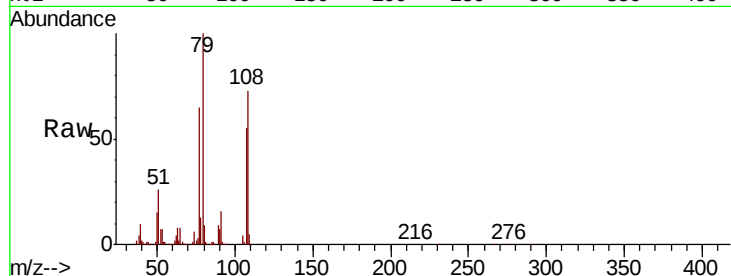
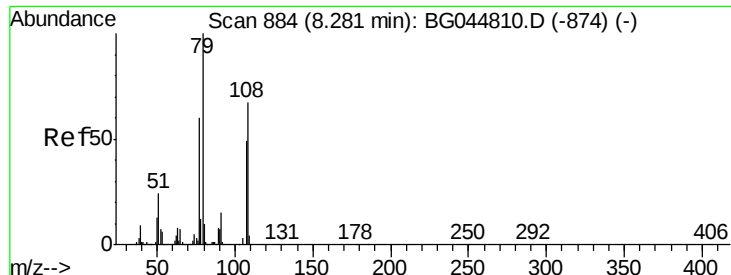
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#14
 1,2-Dichlorobenzene
 Concen: 41.204 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		248137		
148	63.7	52.1		78.1	
111	42.2	33.4		50.2	





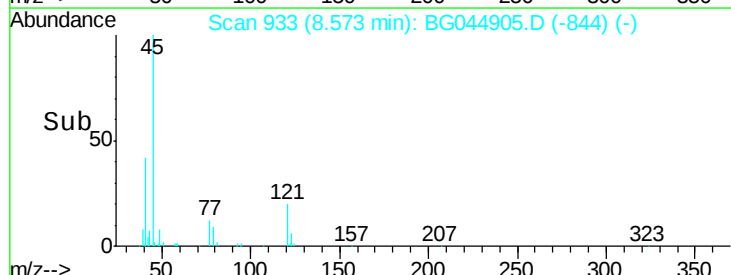
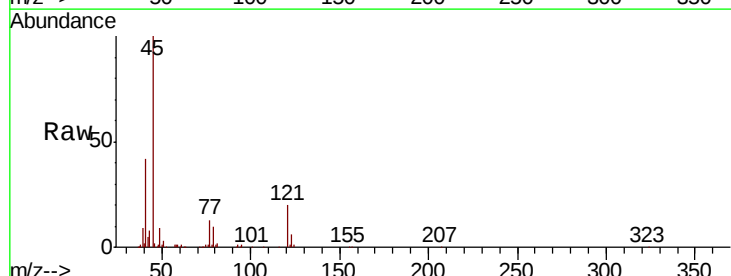
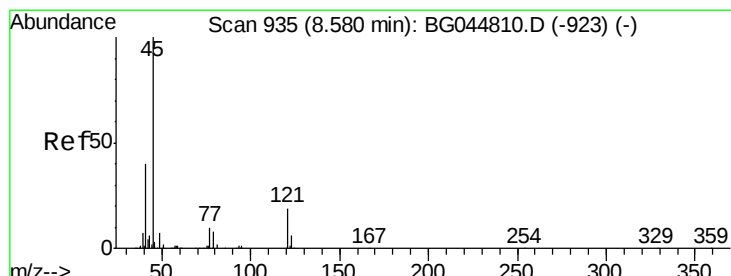
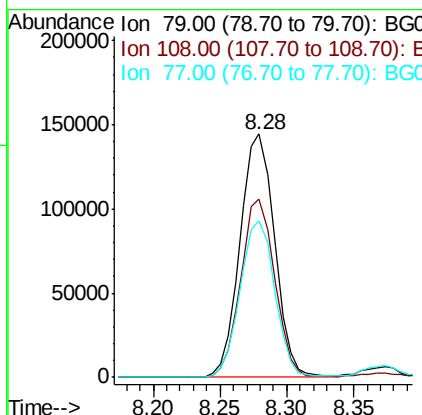
#15
Benzyl Alcohol
Concen: 42.603 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.3	53.8	80.8
77	64.6	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
2000448388MS

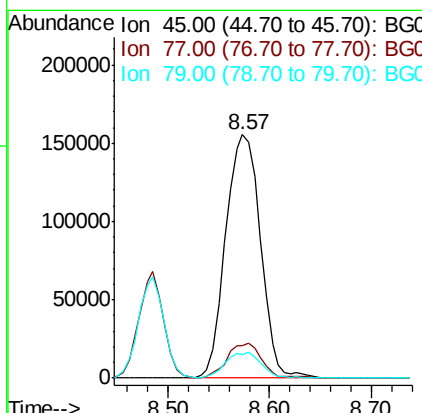
Manual Integrations
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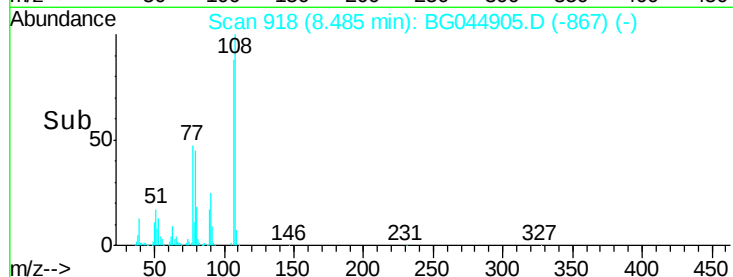
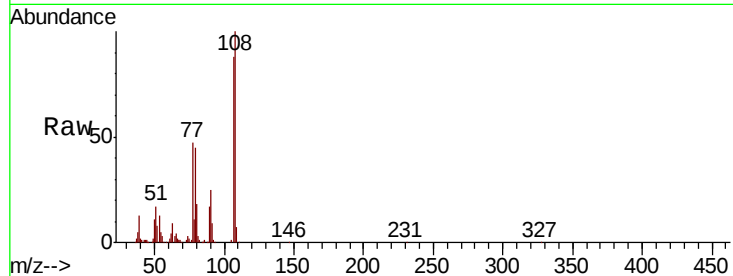
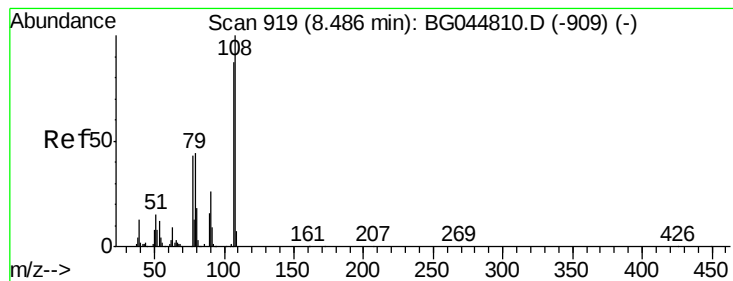
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.796 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.9
79	9.8	0.0	30.8





#17

2-Methylphenol

Concen: 43.358 ng

RT: 8.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.8	137.8	
77	54.0	40.0	60.0	
79	50.8	40.2	60.2	

Instrument :

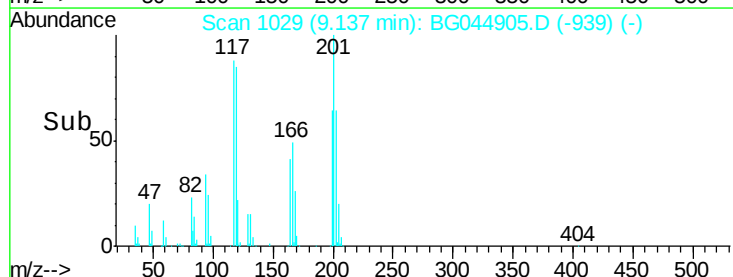
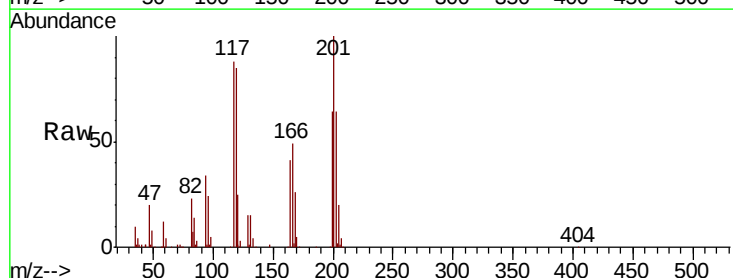
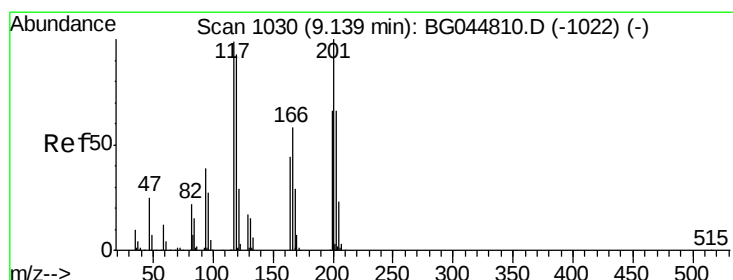
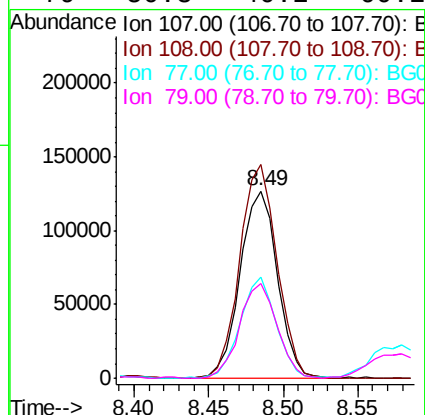
BNA_G

ClientSampleId :

2000448388MS

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#18

Hexachloroethane

Concen: 40.847 ng

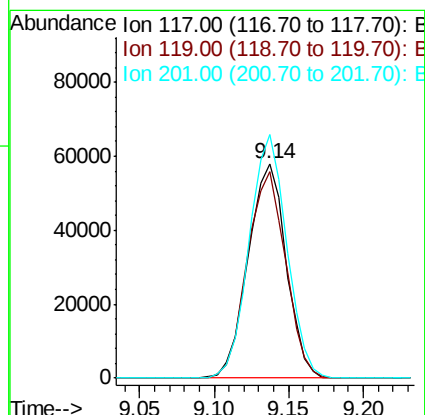
RT: 9.14 min Scan# 1029

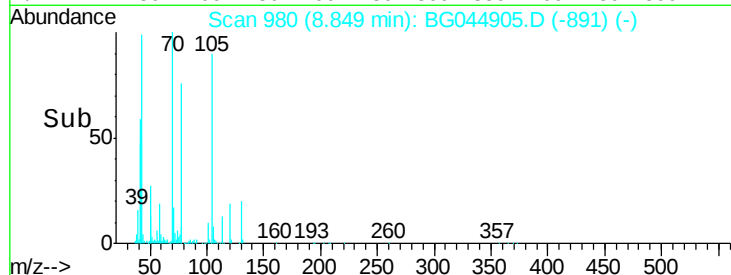
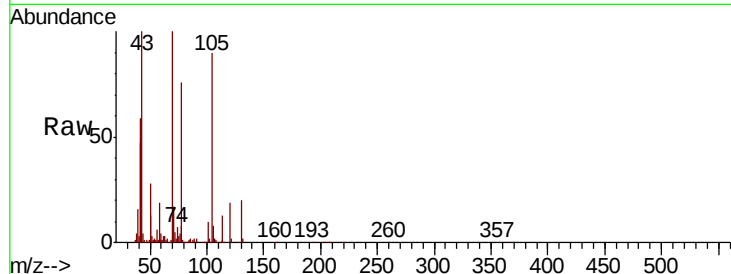
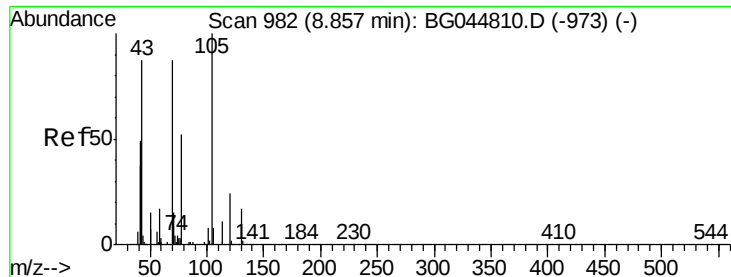
Delta R.T. -0.00 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.2	112.8	
201	113.5	81.1	121.7	





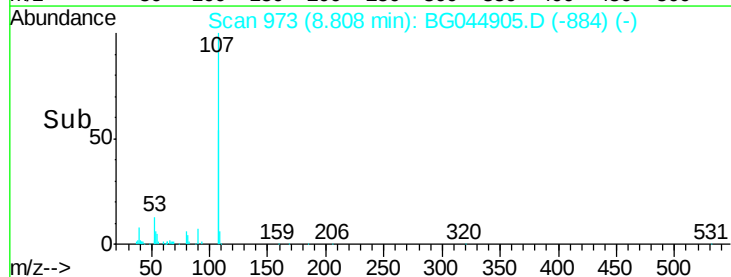
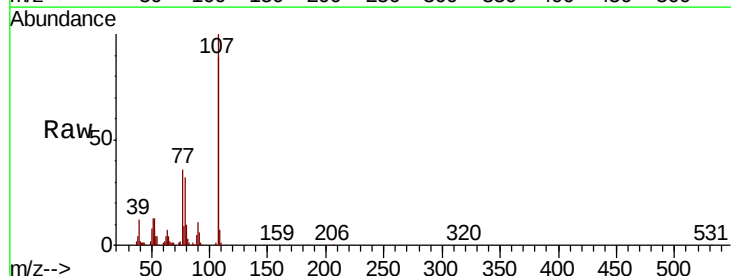
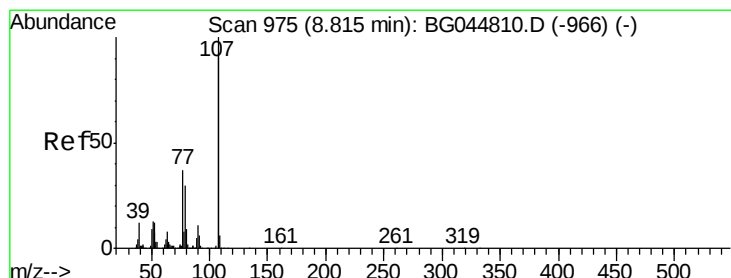
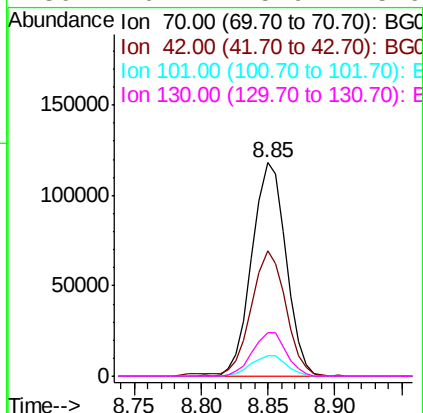
#19
n-Nitroso-di-n-propylamine
Concen: 38.996 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.7	45.7	68.5	
101	9.7	7.4	11.2	
130	20.2	15.9	23.9	

Instrument :
BNA_G
ClientSampleId :
2000448388MS

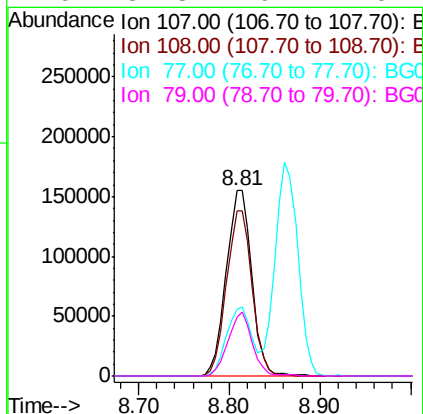
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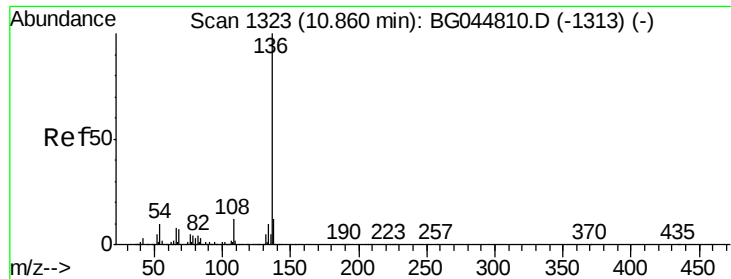
mohammad
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#20
3+4-Methylphenols
Concen: 43.311 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.3	111.3	
77	36.1	16.9	56.9	
79	31.8	9.7	49.7	





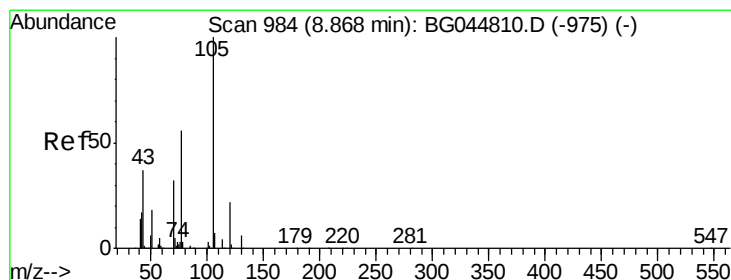
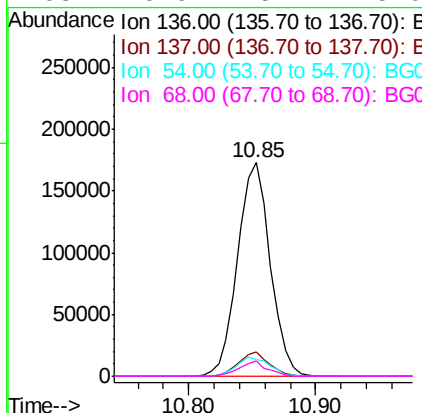
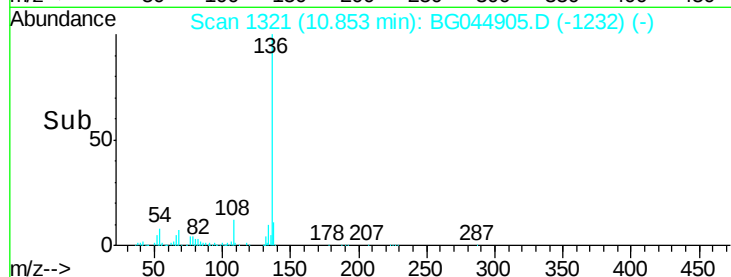
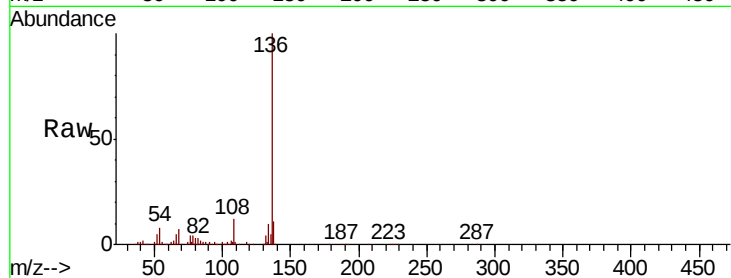
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	308044		
137	11.4		9.8	14.6
54	8.0		7.9	11.9
68	6.9		5.4	8.0

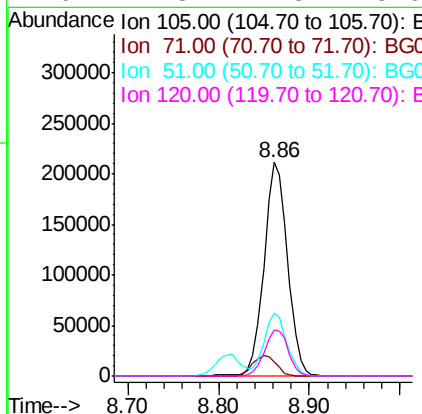
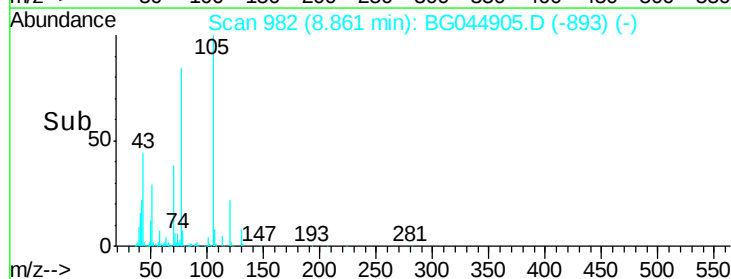
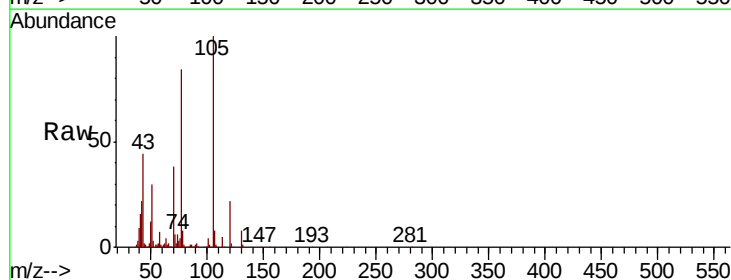
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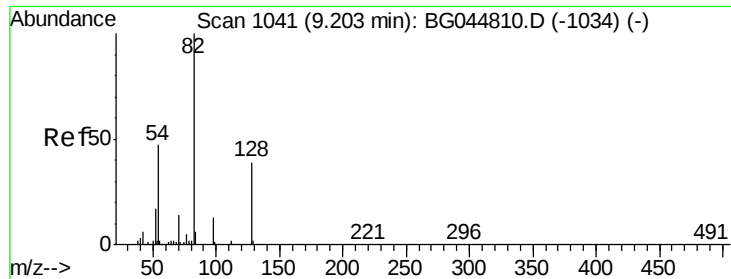
mohammad
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#22
Acetophenone
Concen: 43.656 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380980		
71	6.4		3.9	5.9#
51	29.5		22.6	33.8
120	21.8		17.3	25.9





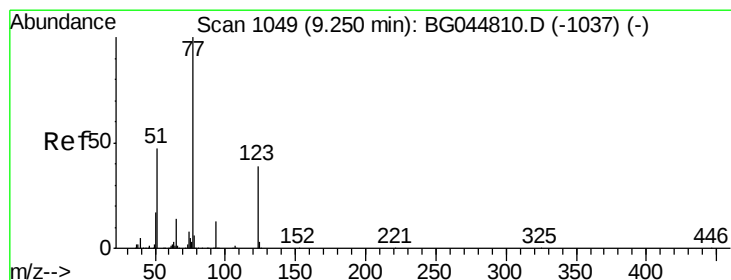
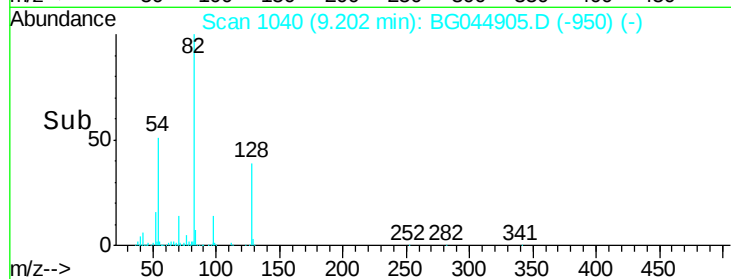
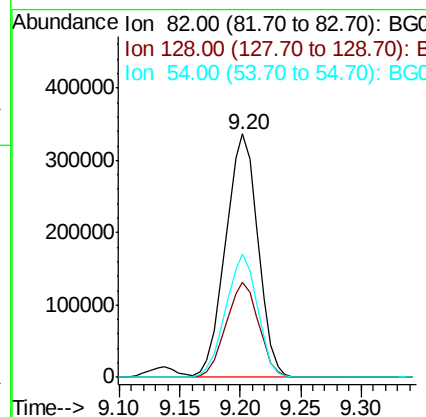
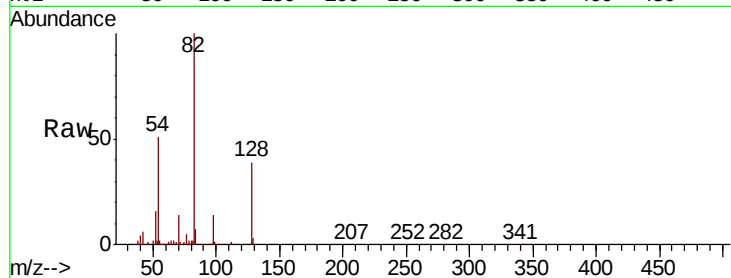
#23
 Nitrobenzene-d5
 Concen: 89.025 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	50.7	37.1	55.7

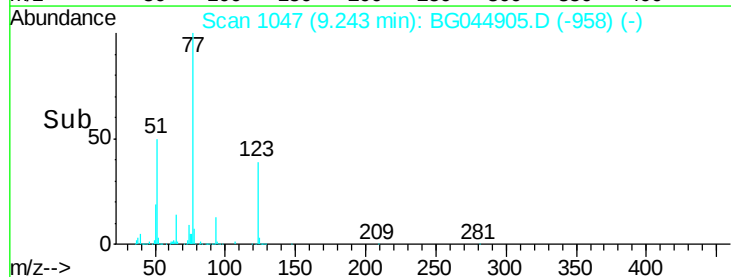
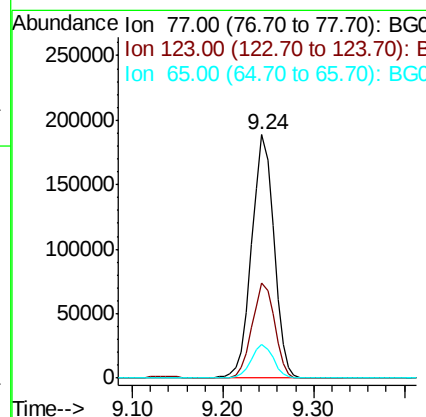
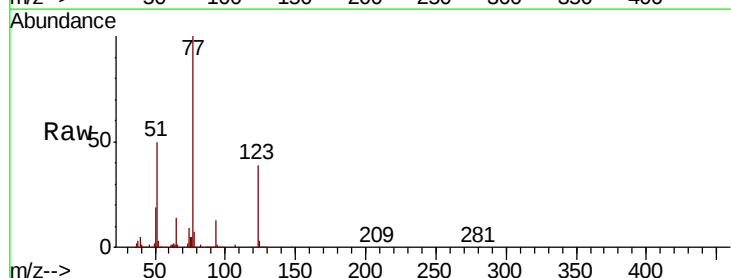
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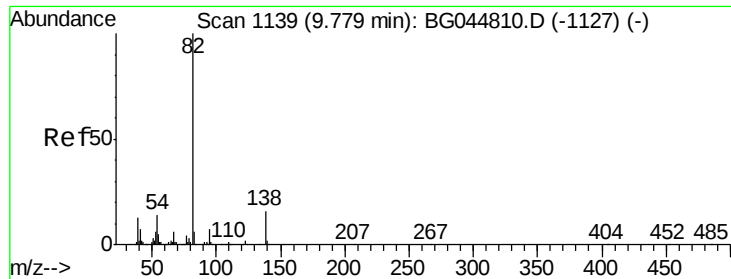
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#24
 Nitrobenzene
 Concen: 44.286 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.3	46.9
65	13.7	11.4	17.0





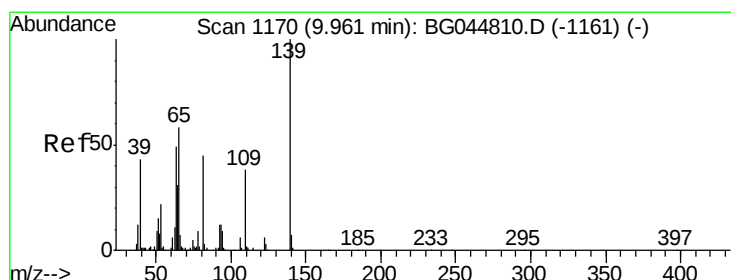
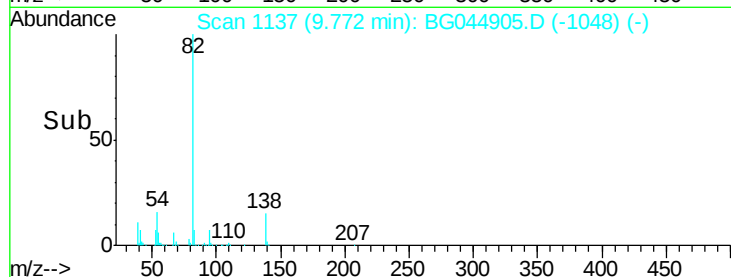
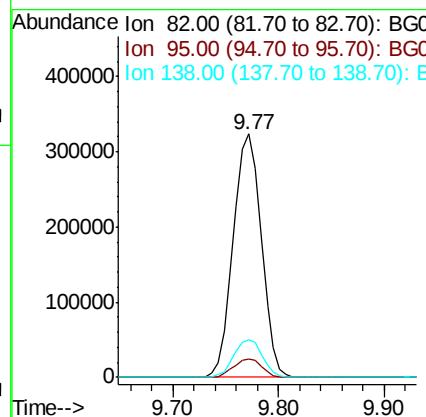
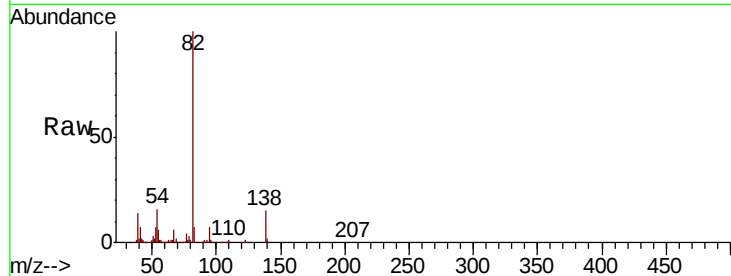
#25
Isophorone
Concen: 43.525 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	596330		
95	7.5		5.5	8.3
138	15.2		12.5	18.7

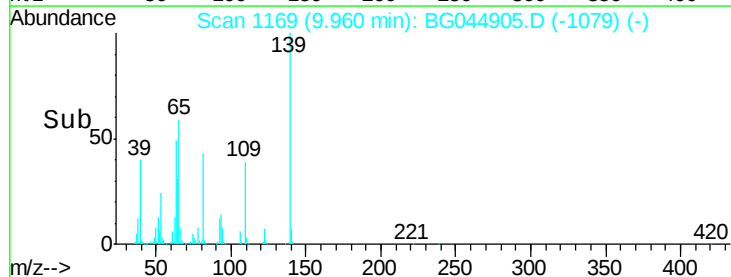
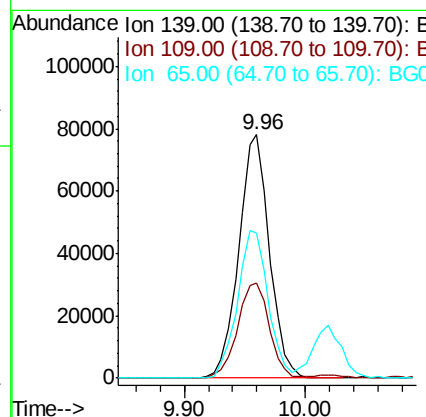
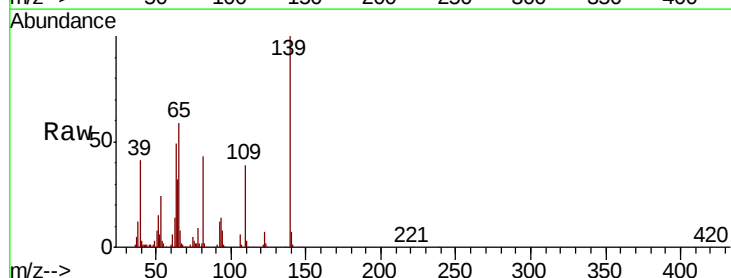
Manual Integrations
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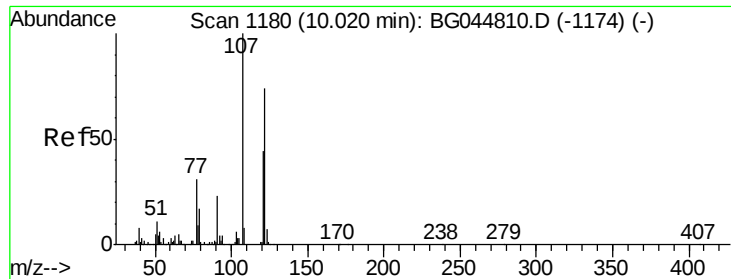
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#26
2-Nitrophenol
Concen: 53.643 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	137502		
109	38.9		30.2	45.4
65	59.4		46.3	69.5





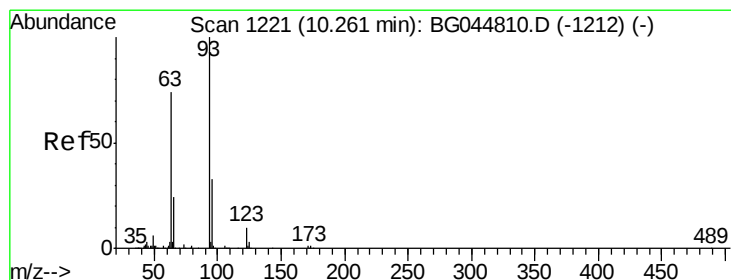
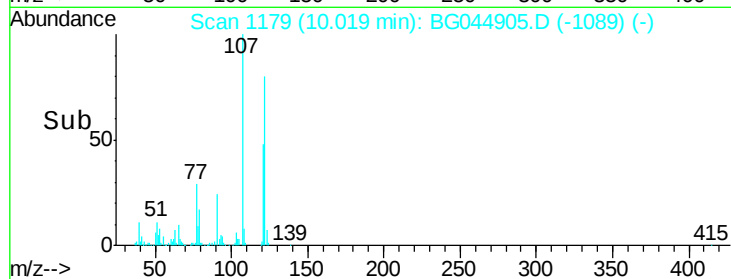
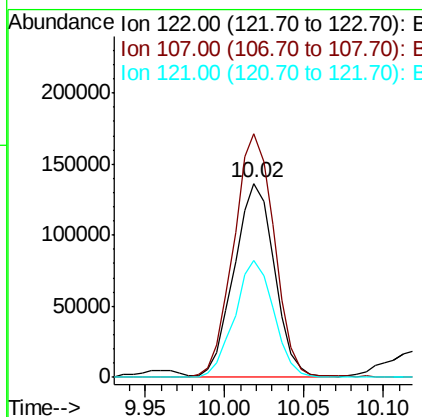
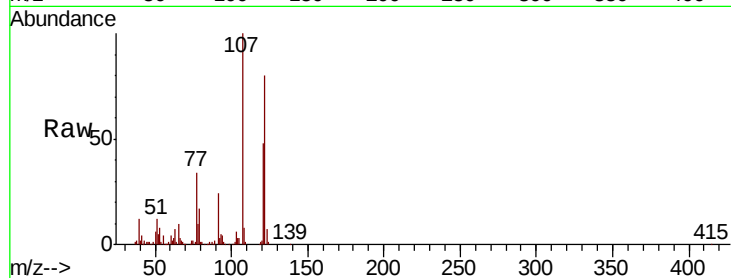
#27
 2,4-Dimethylphenol
 Concen: 53.642 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.7	107.1	160.7
121	60.6	46.8	70.2

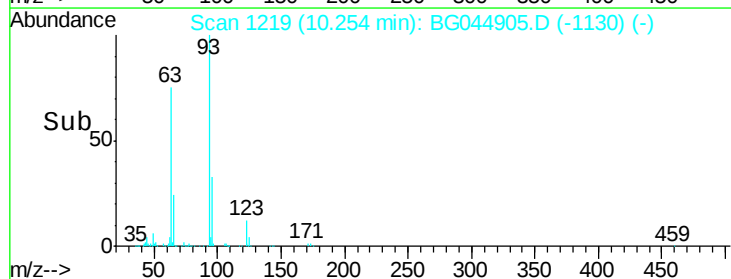
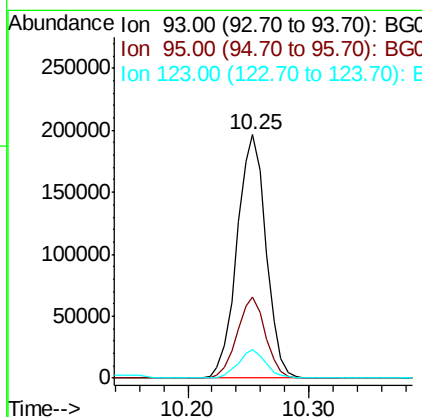
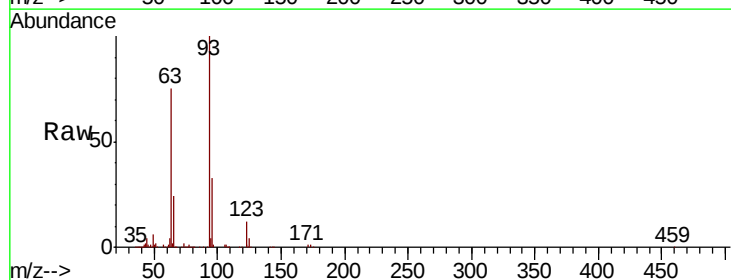
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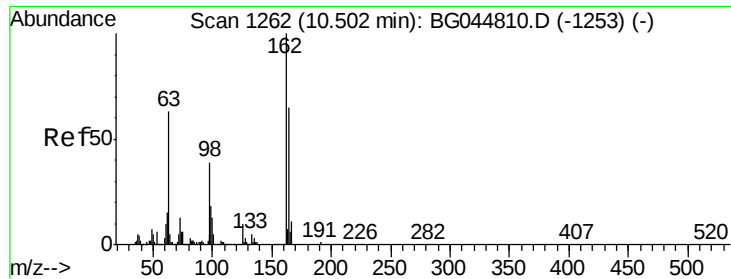
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.229 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	11.7	8.4	12.6





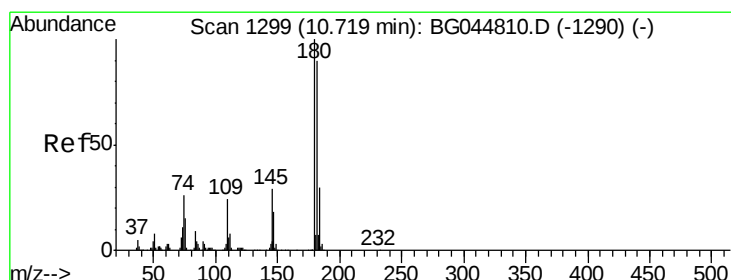
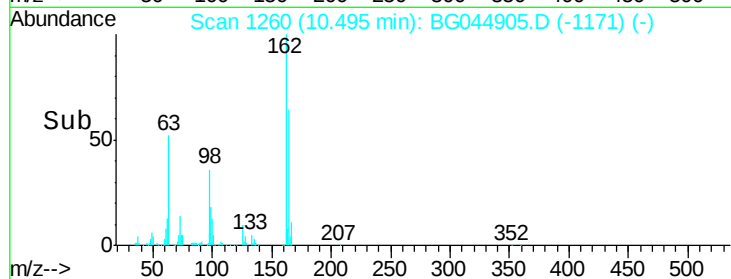
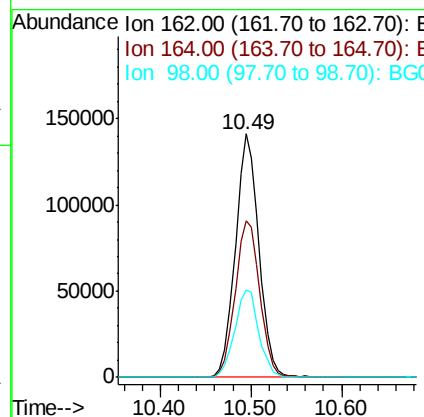
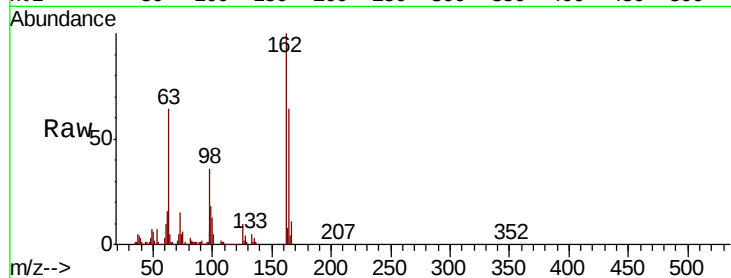
#29
 2,4-Dichlorophenol
 Concen: 48.683 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253703		
164	64.5	45.2	85.2	
98	35.9	19.0	59.0	

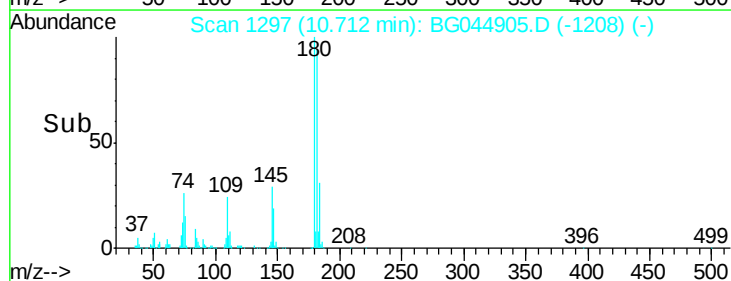
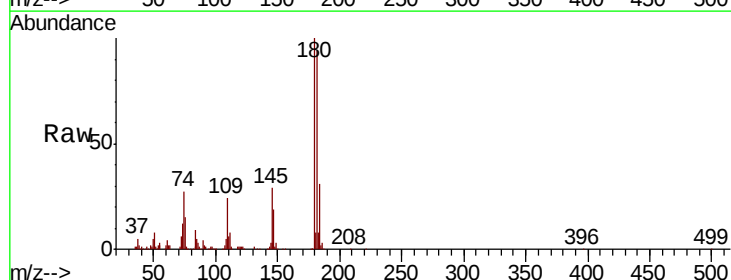
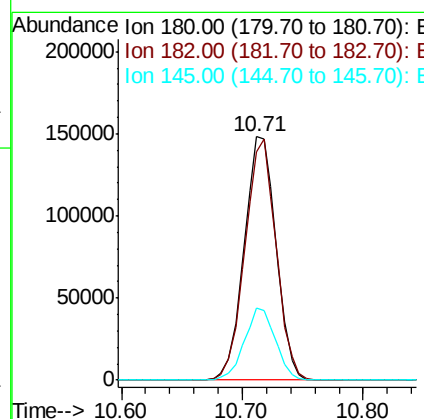
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.783 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272823		
182	93.8	71.6	107.4	
145	29.5	23.4	35.0	





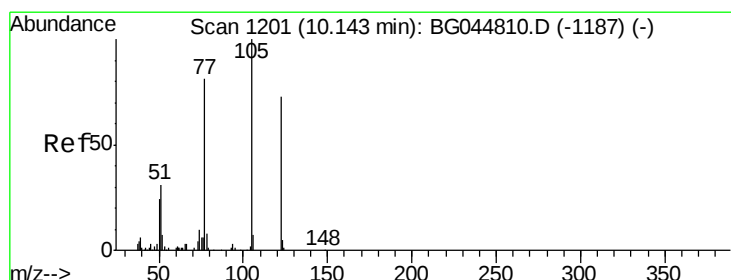
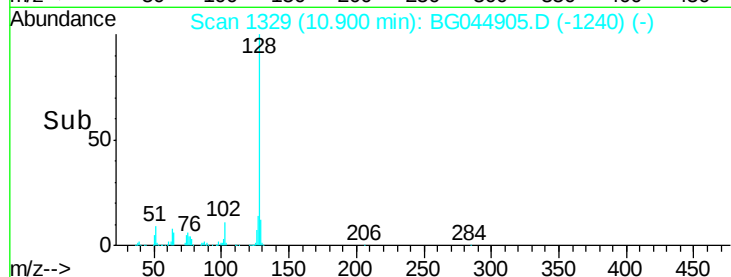
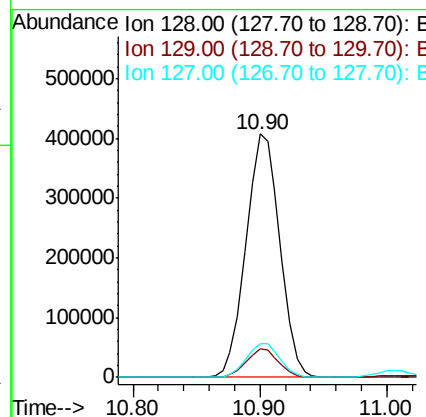
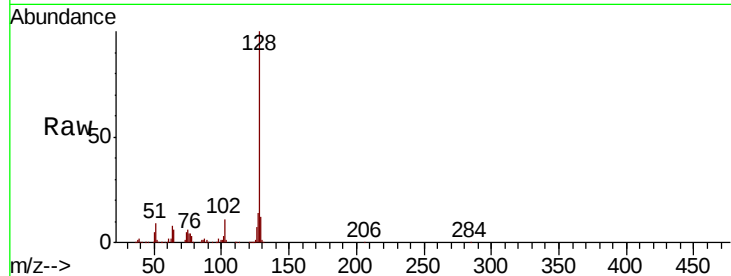
#31
Naphthalene
Concen: 44.167 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.0	13.4	
127	14.1	10.8	16.2	

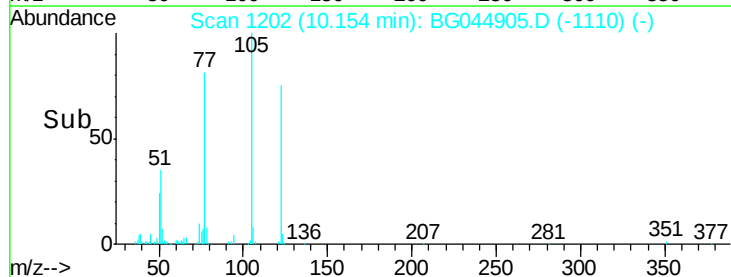
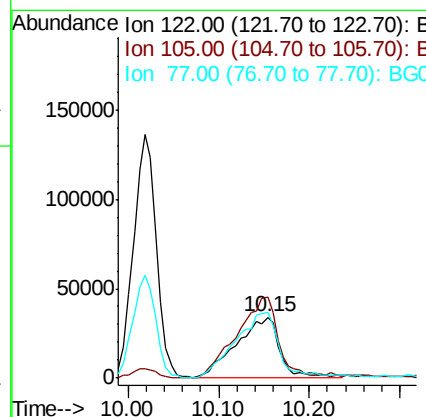
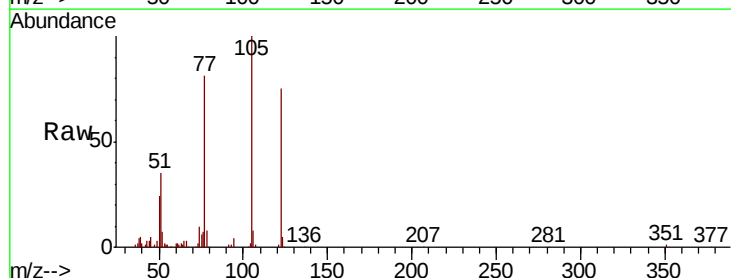
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#32
Benzoic acid
Concen: 34.821 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.2	109.1	149.1	
77	108.5	85.3	125.3	





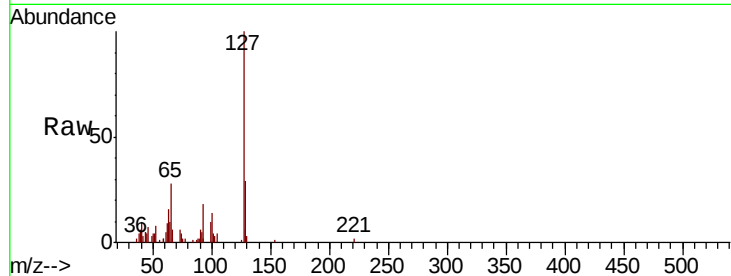
#33
4-Chloroaniline
Concen: 3.260 ng
RT: 11.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

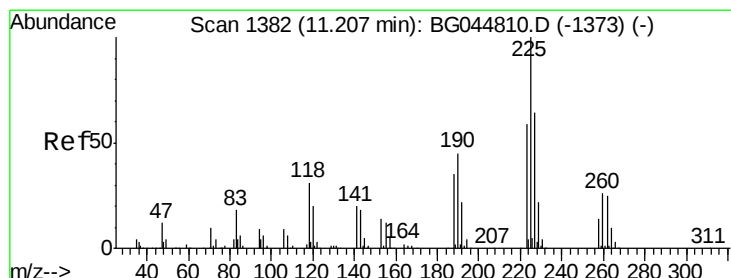
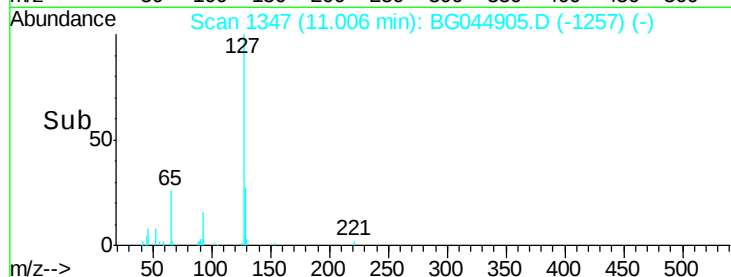
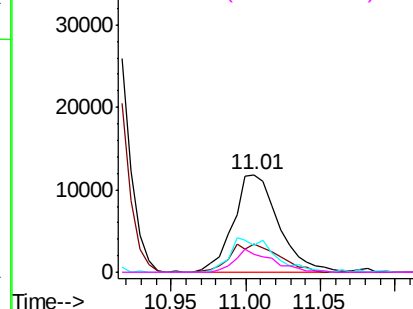
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.2	26.9	40.3
65	27.5	27.7	41.5
92	18.4	17.4	26.2

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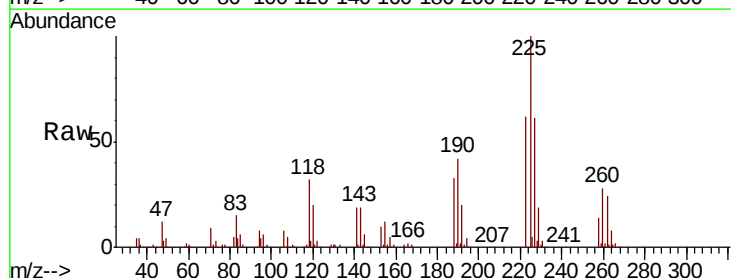


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

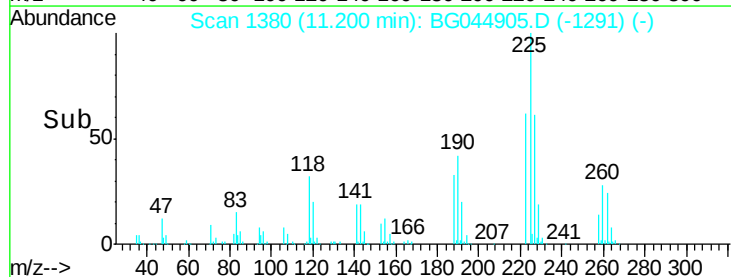
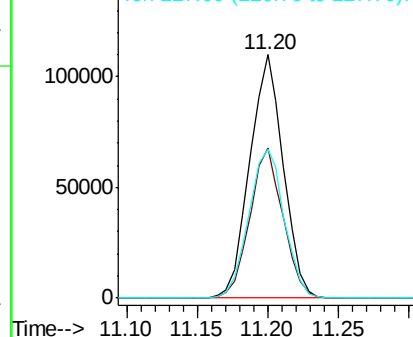


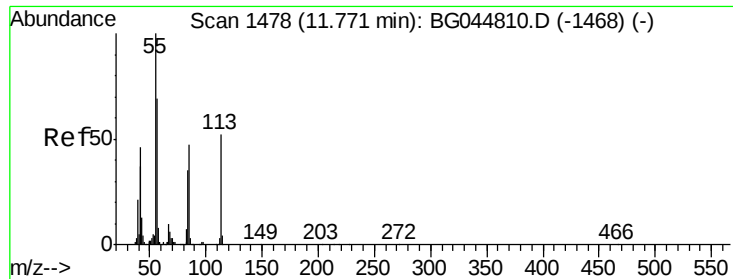
#34
Hexachlorobutadiene
Concen: 44.591 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.4	71.0
227	61.0	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





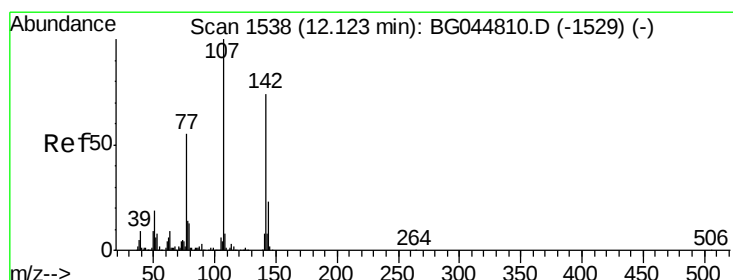
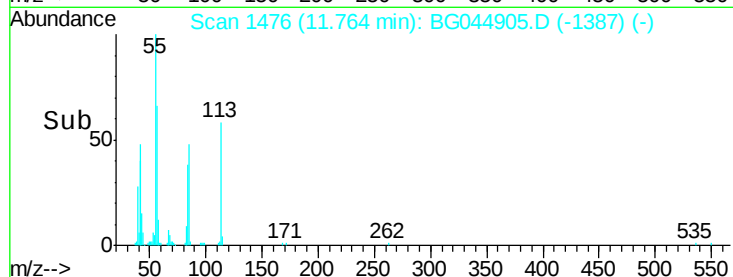
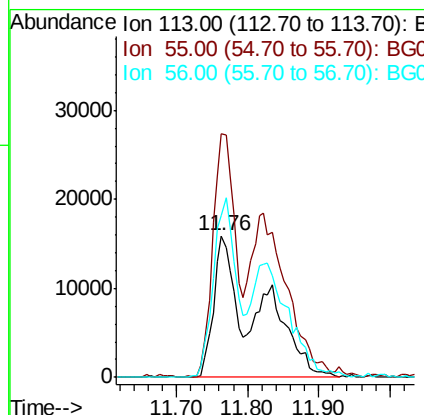
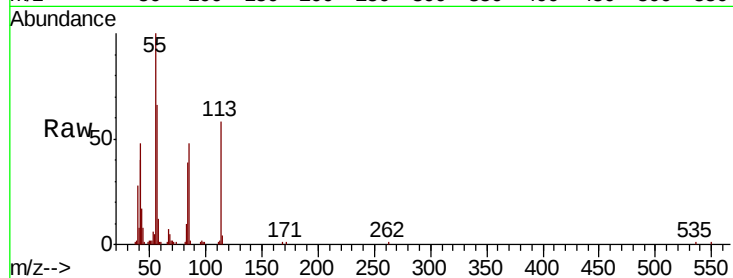
#35
 Caprolactam
 Concen: 33.280 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	172.4	173.8	213.8	
56	114.4	113.8	153.8	

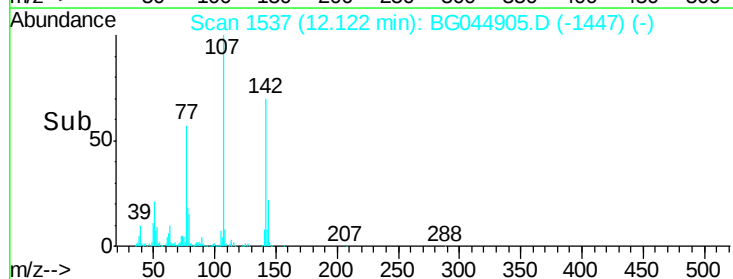
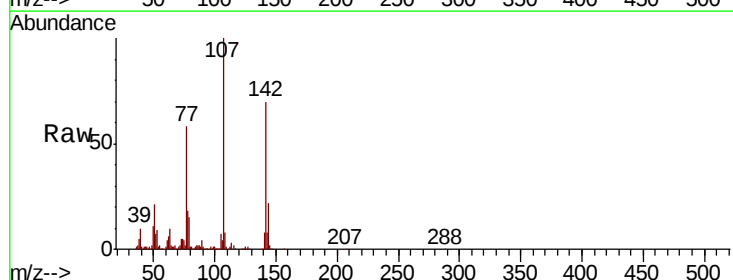
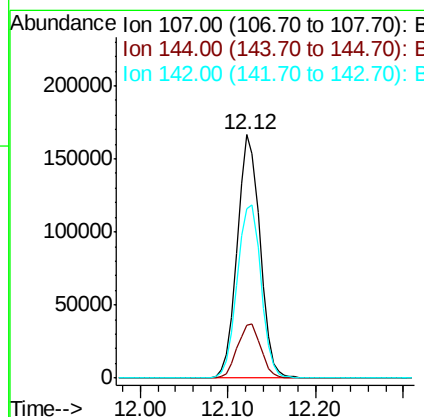
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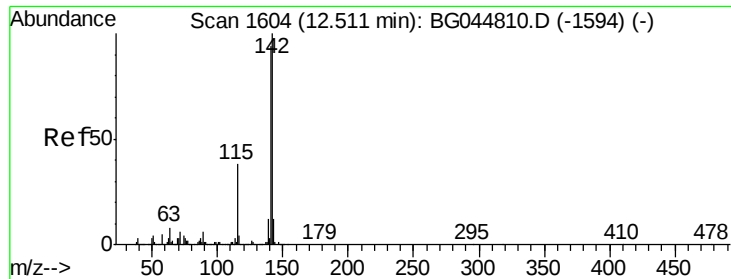
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#36
 4-Chloro-3-methylphenol
 Concen: 47.127 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.8	18.0	27.0	
142	69.8	59.0	88.4	





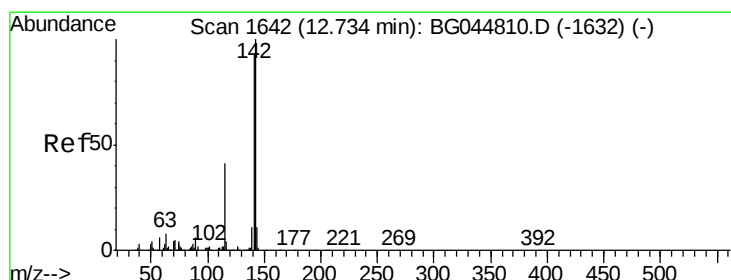
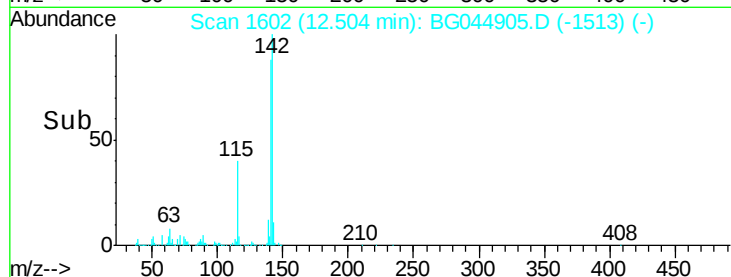
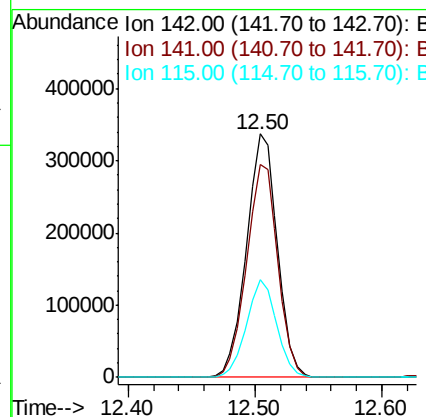
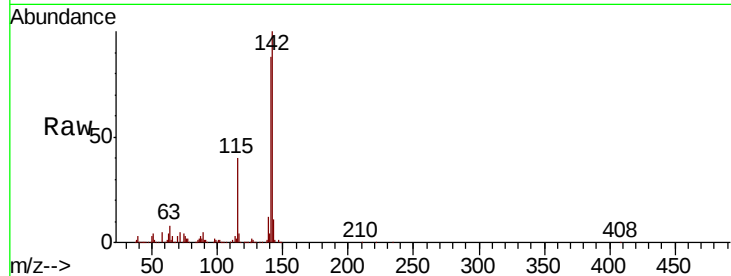
#37
 2-Methylnaphthalene
 Concen: 44.448 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	75.1	112.7
115	40.0	30.6	46.0

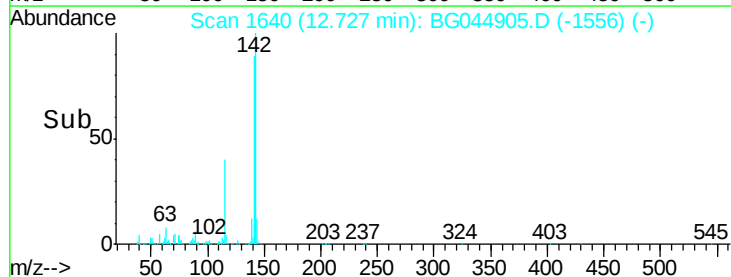
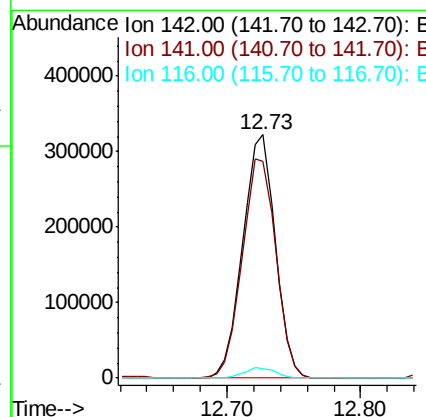
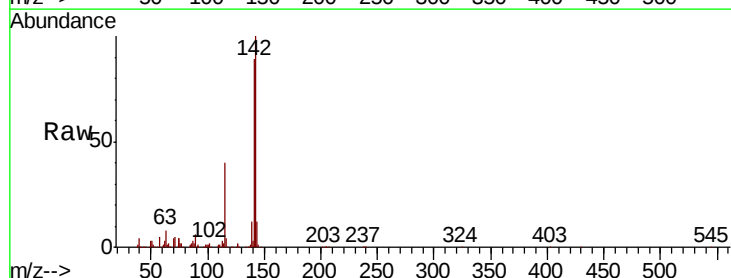
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#38
 1-Methylnaphthalene
 Concen: 45.128 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.7	112.1
116	4.0	3.3	4.9





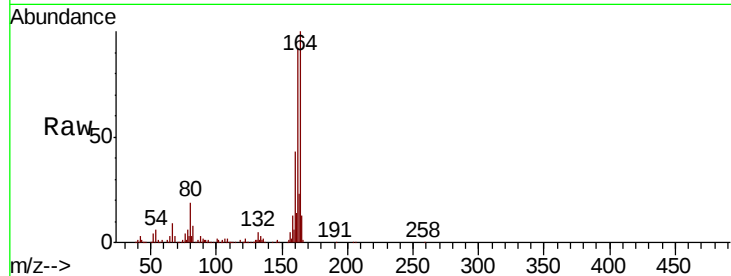
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.2	76.7	115.1
160	43.3	35.0	52.4

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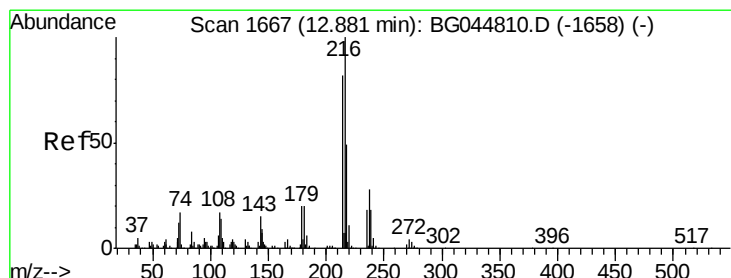
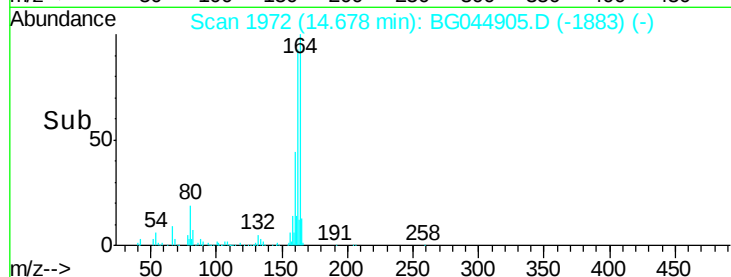
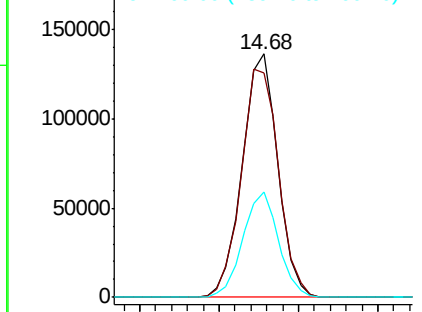


Abundance

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: 42.998 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	20.6	16.2	24.2
108	20.1	14.6	22.0

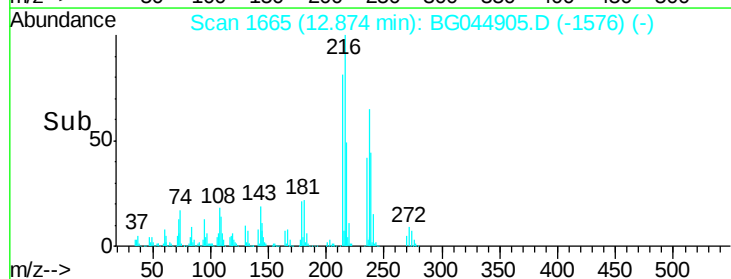
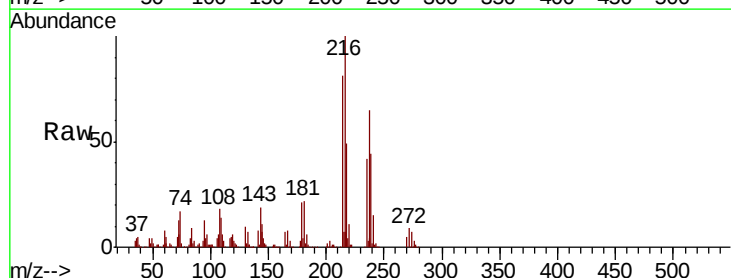
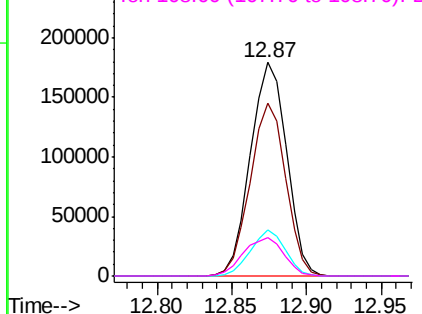
Abundance

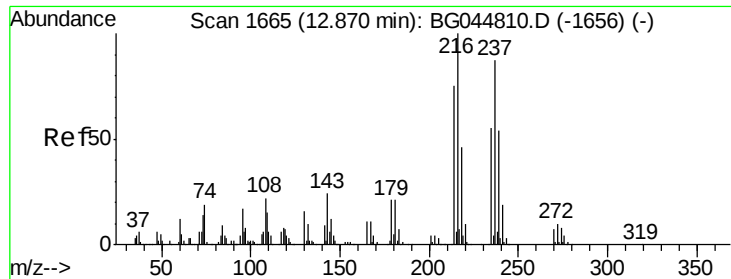
Ion 216.00 (215.70 to 216.70): E

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: 96.656 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

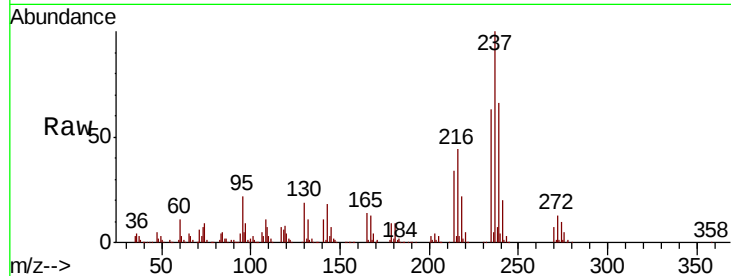
ClientSampleId :

2000448388MS

Tot Ion:	237	Resp:	368666
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.9	82.9
272	13.2	0.0	31.6

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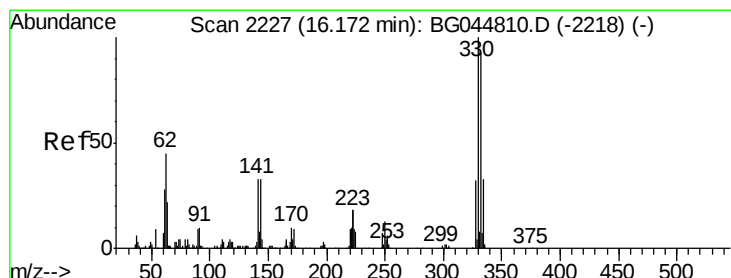
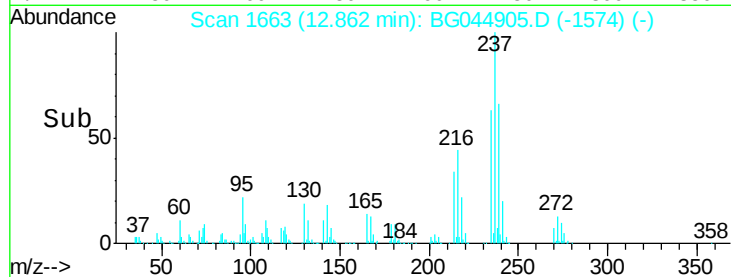
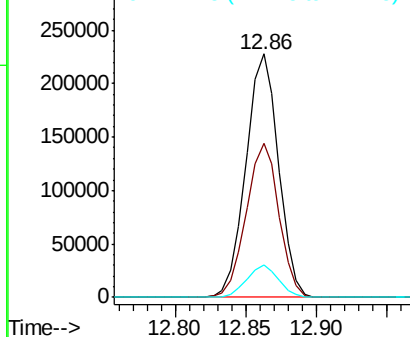


Abundance

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: 150.894 ng

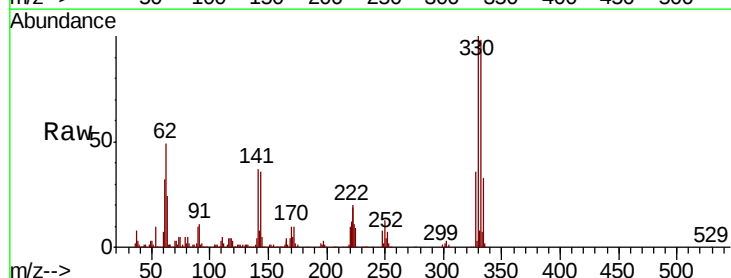
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	330	Resp:	418700
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.8	116.6
141	37.2	29.5	44.3

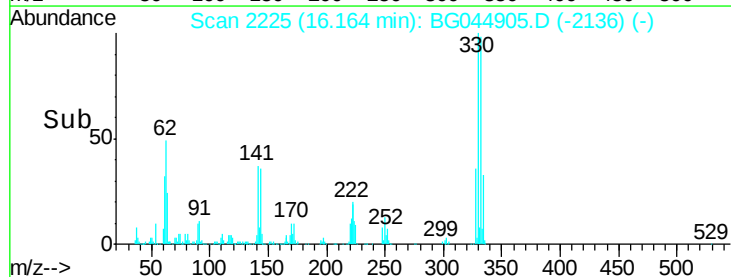
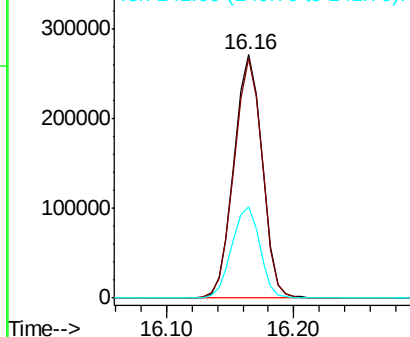


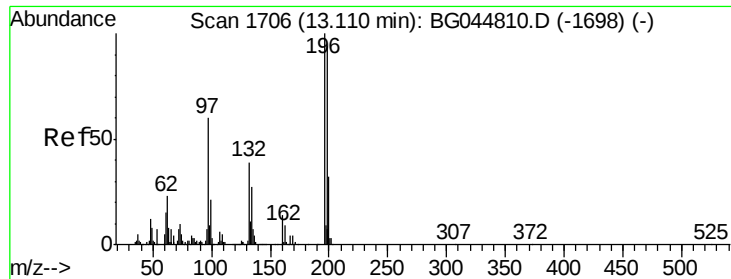
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





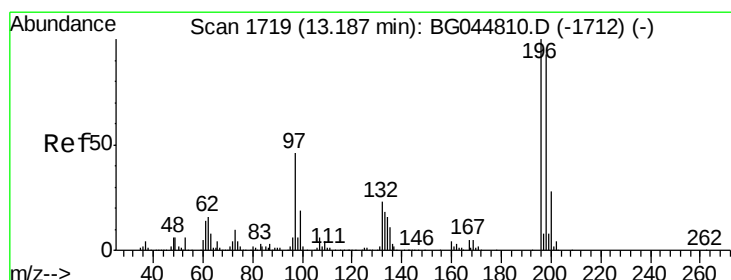
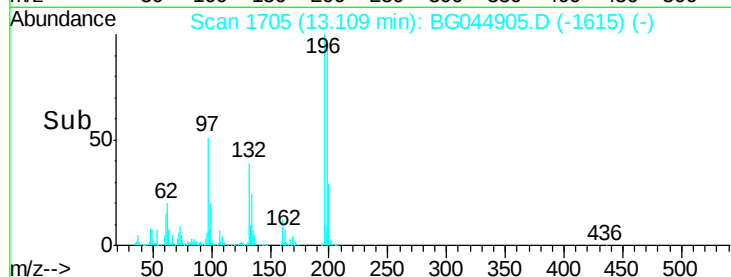
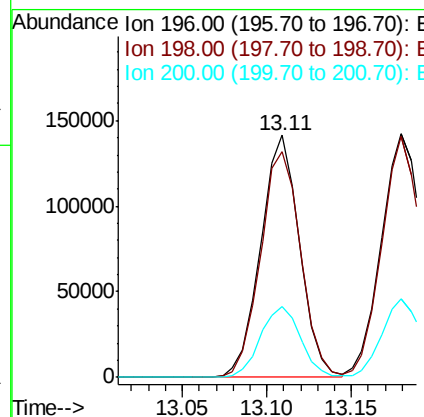
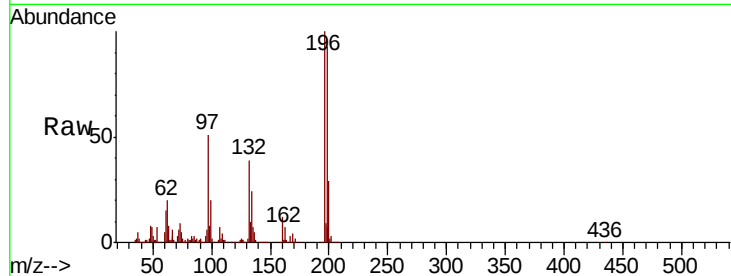
#43
 2,4,6-Trichlorophenol
 Concen: 48.786 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225965		
198	93.3	74.9	112.3	
200	29.1	25.8	38.6	

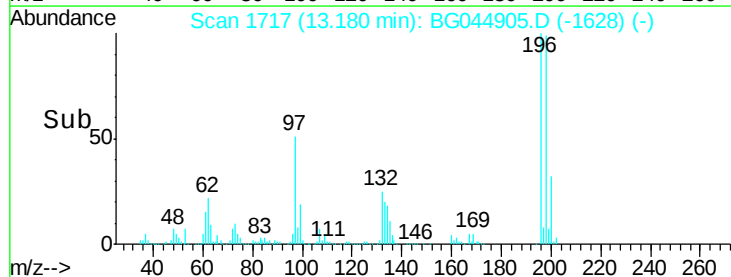
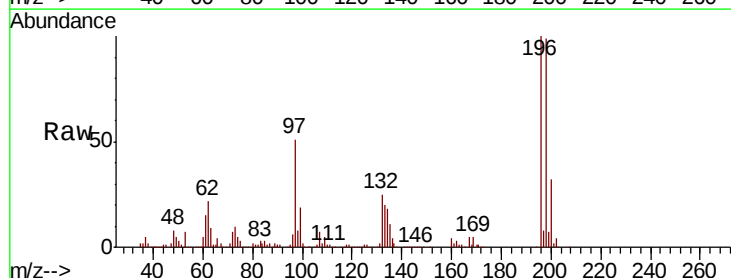
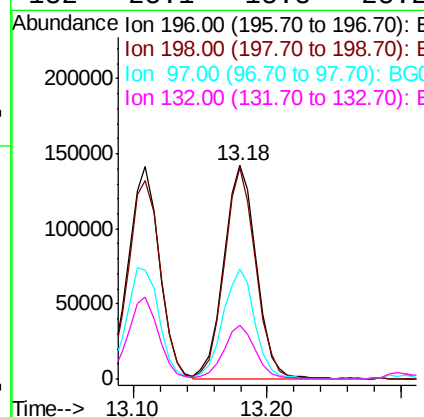
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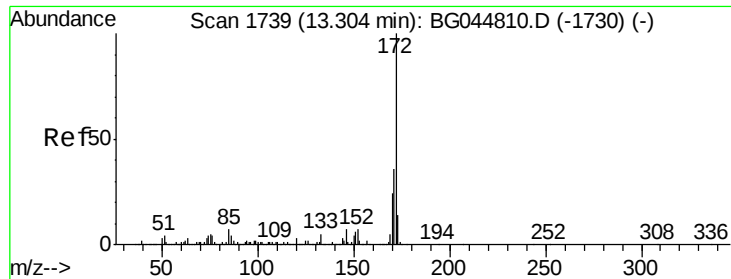
mohammad
 3/20/2020 11:48:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.443 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242301		
198	98.8	74.2	111.4	
97	51.3	36.7	55.1	
132	25.1	18.8	28.2	





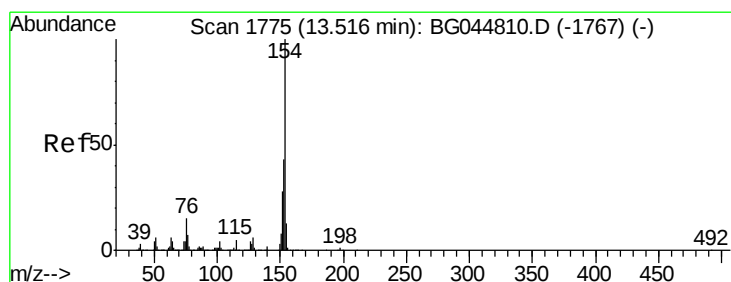
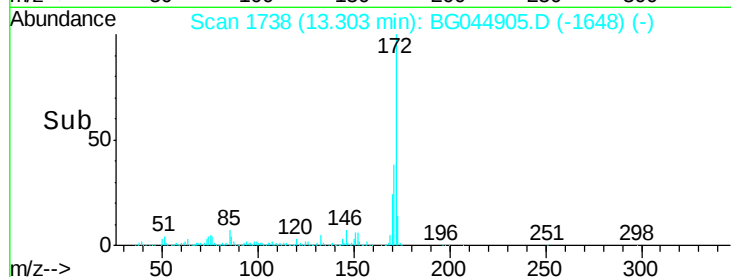
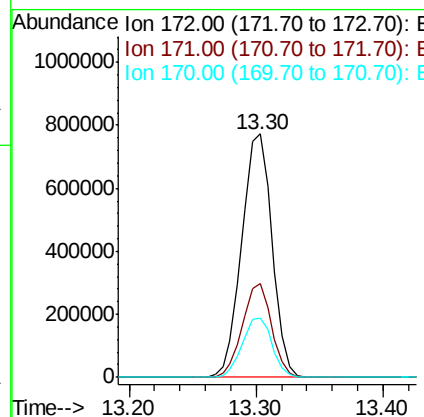
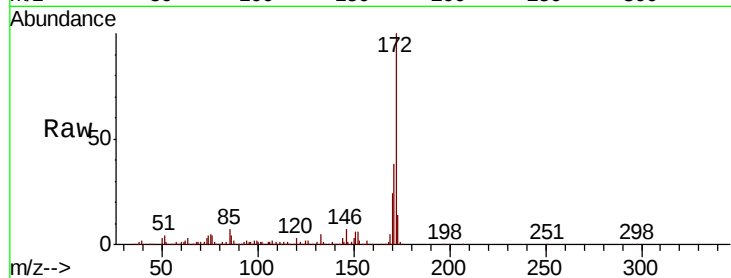
#45
2-Fluorobiphenyl
Concen: 86.239 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.4	28.7	43.1	
170	24.3	19.0	28.6	

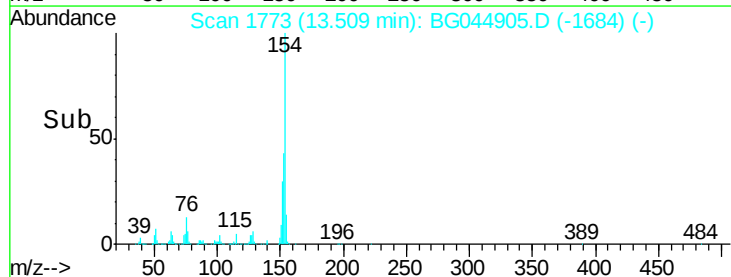
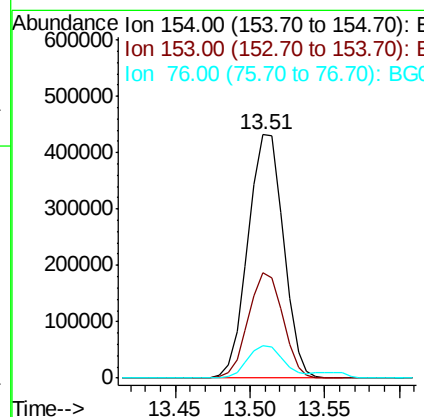
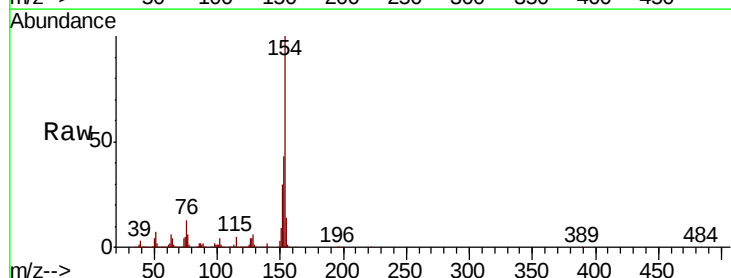
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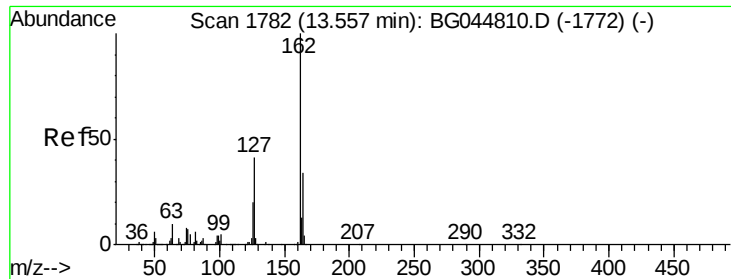
mohammad
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#46
1,1'-Biphenyl
Concen: 41.919 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.3	22.9	62.9	
76	13.2	0.0	34.6	





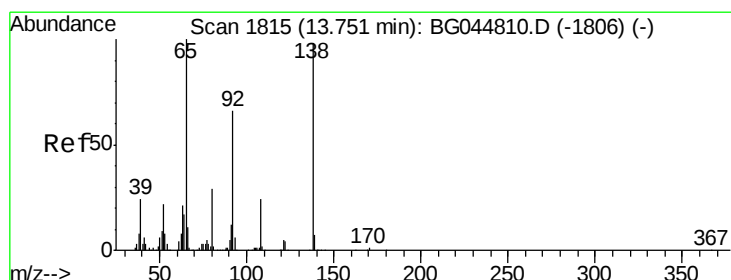
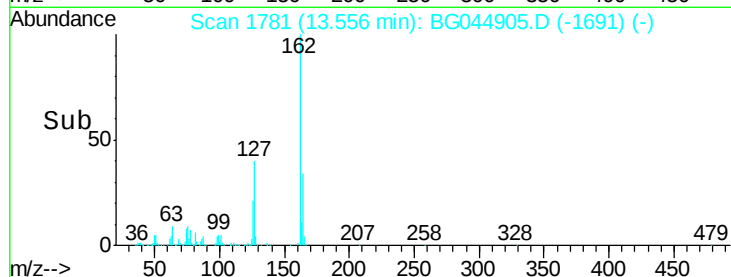
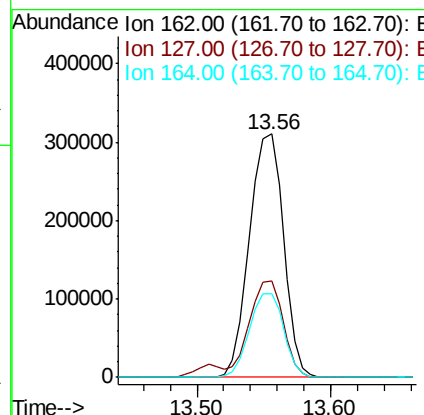
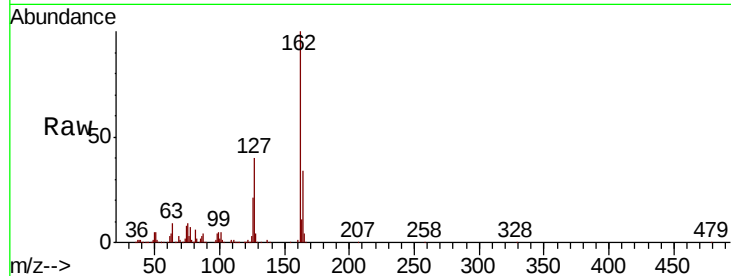
#47
 2-Chloronaphthalene
 Concen: 42.361 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	548022		
127	39.8		33.1	49.7
164	34.1		27.4	41.2

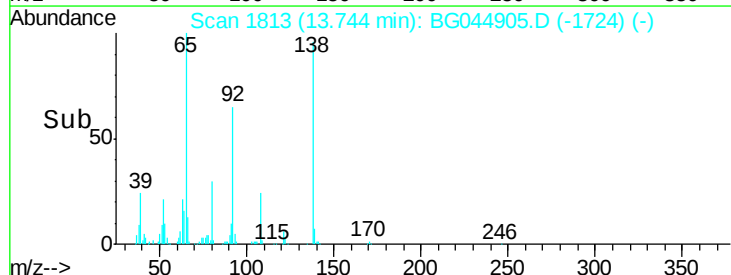
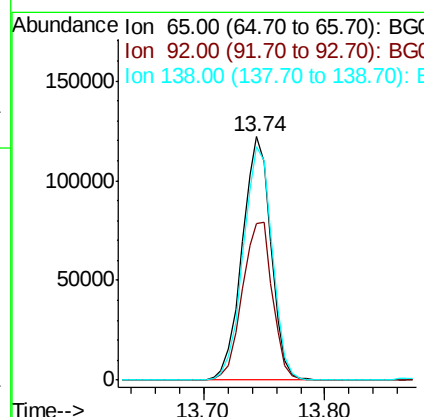
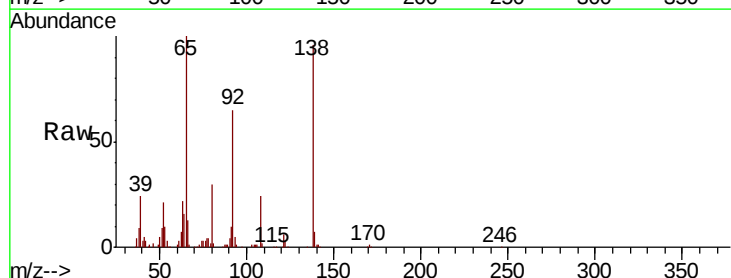
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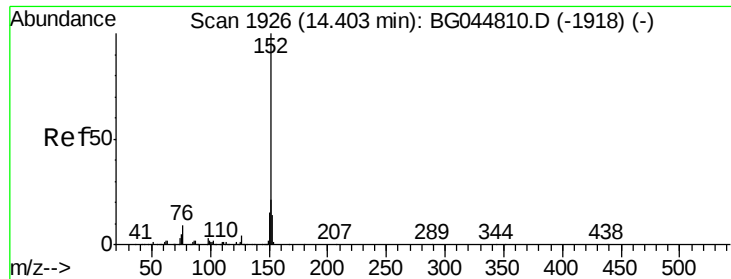
mohammad
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#48
 2-Nitroaniline
 Concen: 44.774 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	202789		
92	64.6		52.6	79.0
138	95.8		78.3	117.5





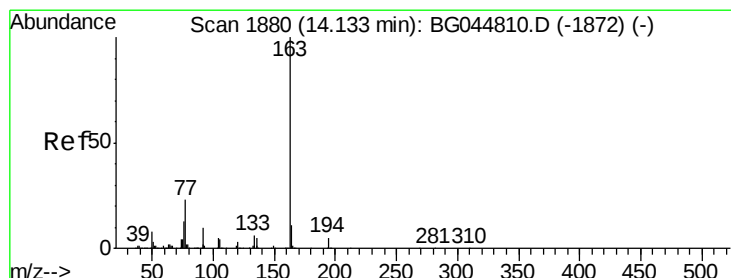
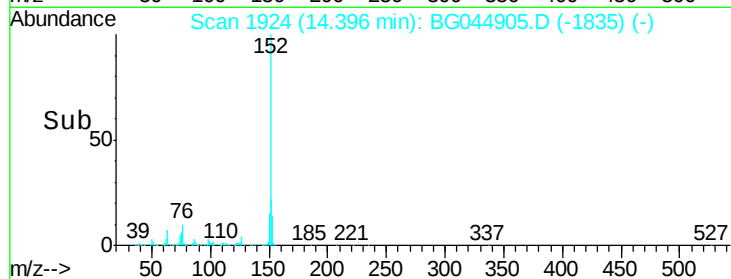
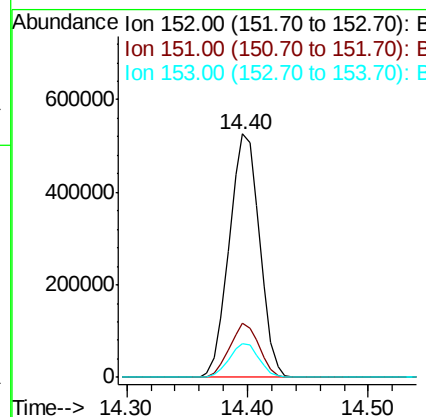
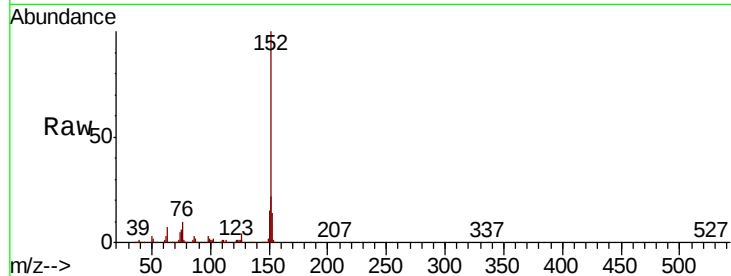
#49
Acenaphthylene
Concen: 45.287 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	13.8	10.8	16.2

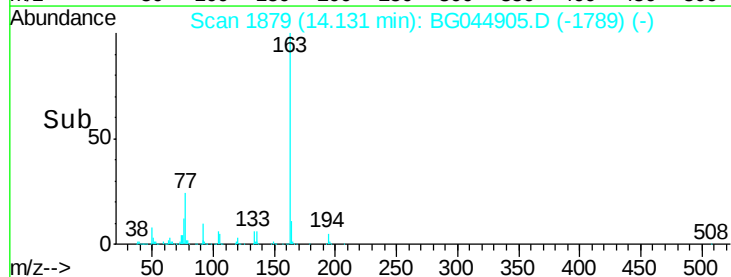
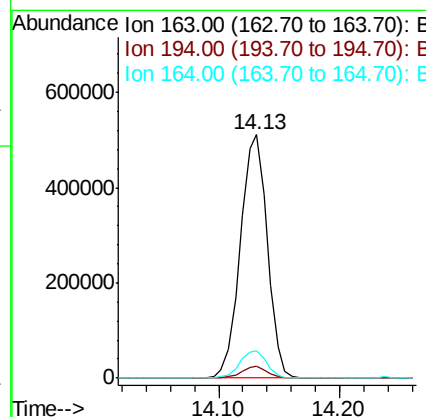
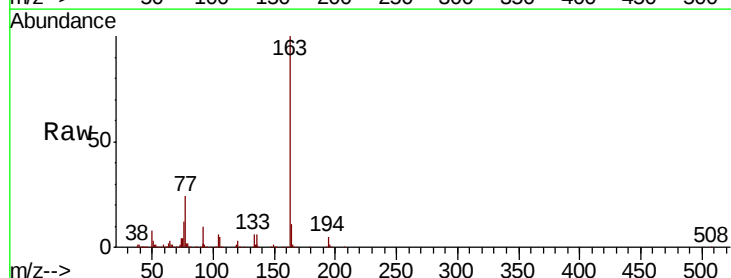
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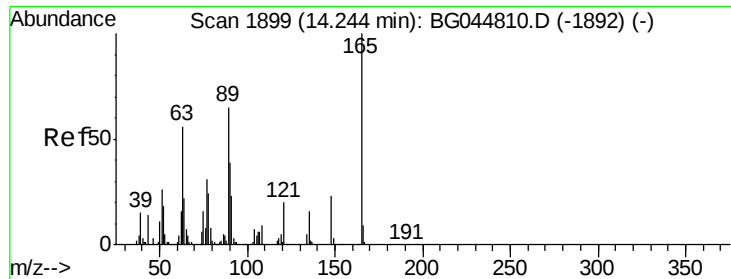
mohammad
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#50
Dimethylphthalate
Concen: 47.048 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.2	9.1	13.7





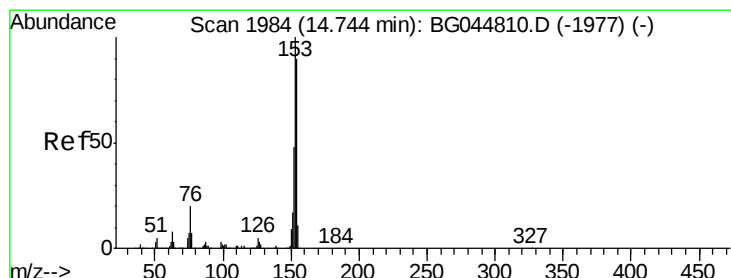
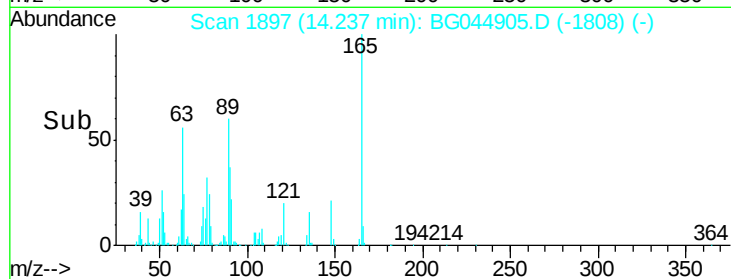
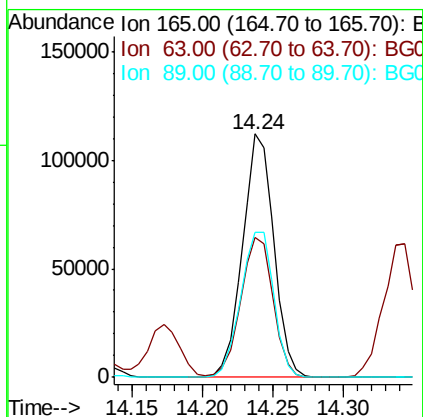
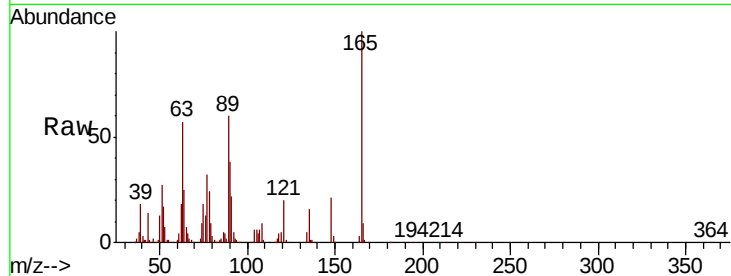
#51
 2,6-Dinitrotoluene
 Concen: 51.011 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	173550		
63	57.4		45.8	68.8
89	59.6		51.8	77.6

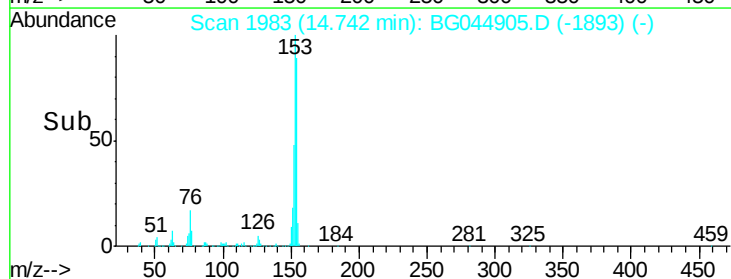
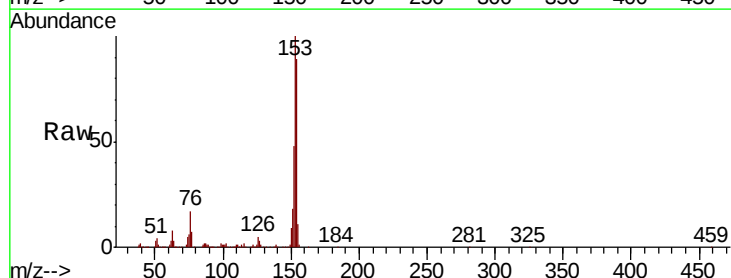
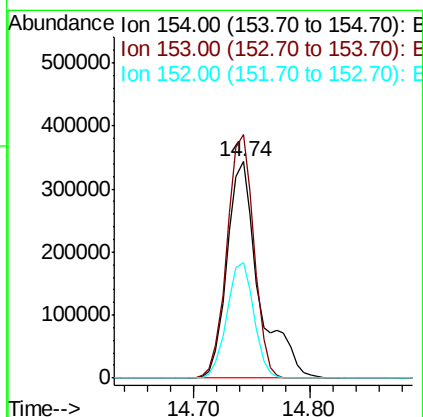
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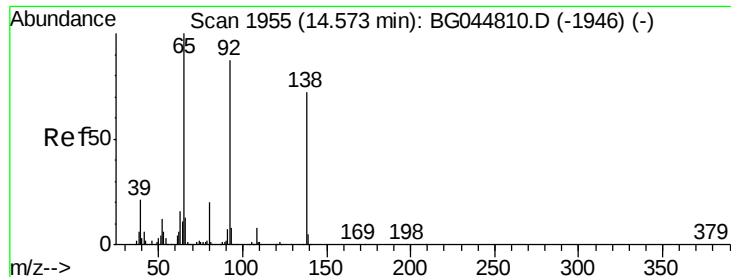
mohammad
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#52
 Acenaphthene
 Concen: 49.742 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	660255		
153	112.5		89.0	133.6
152	53.6		43.0	64.6





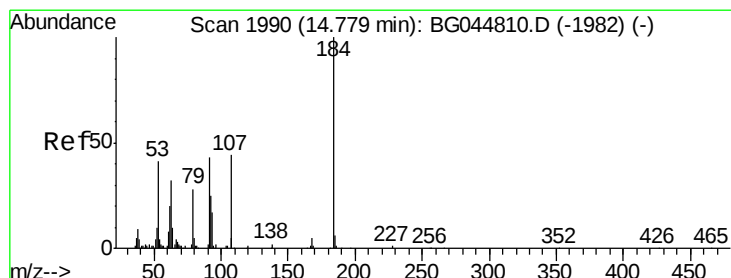
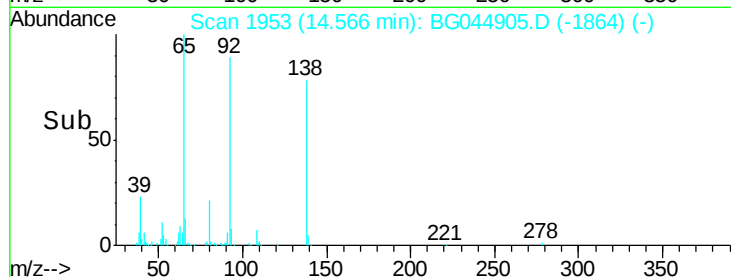
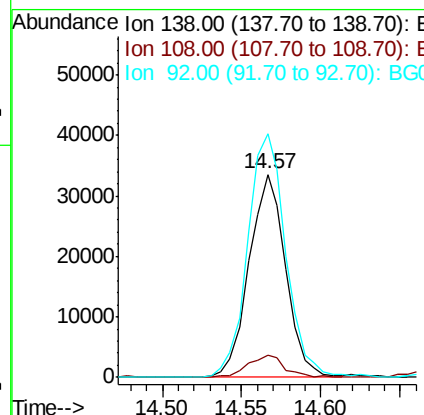
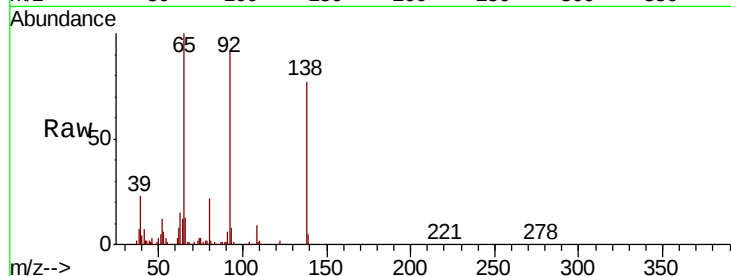
#53
3-Nitroaniline
Concen: 13.727 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	120.1	96.8	145.2

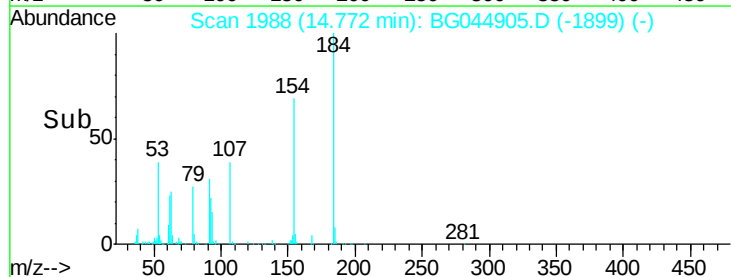
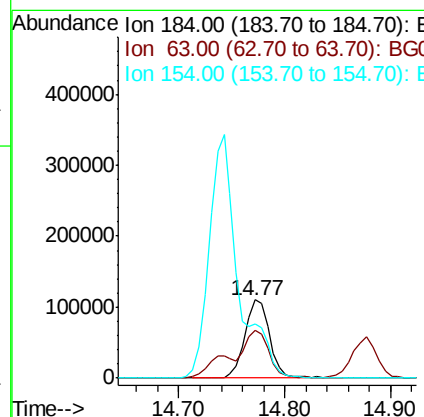
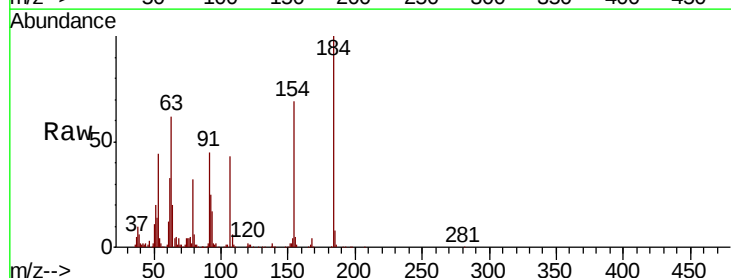
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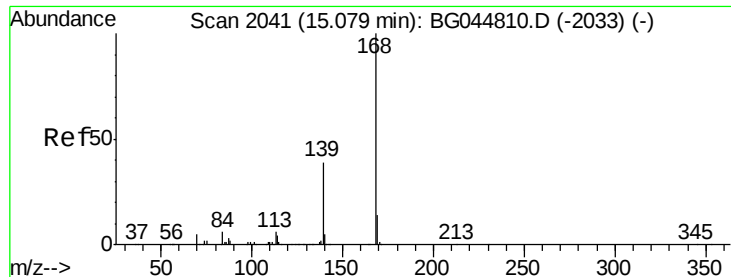
mohammad
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#54
2,4-Dinitrophenol
Concen: 98.589 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	45.5	68.3
154	69.3	49.1	73.7





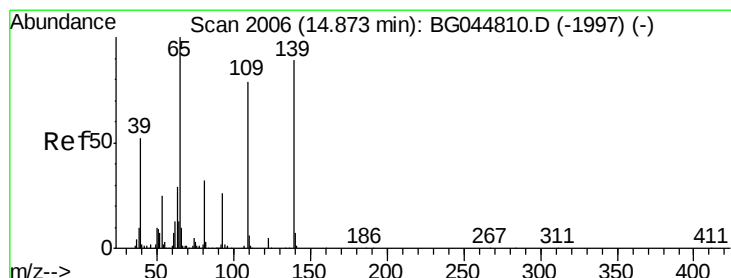
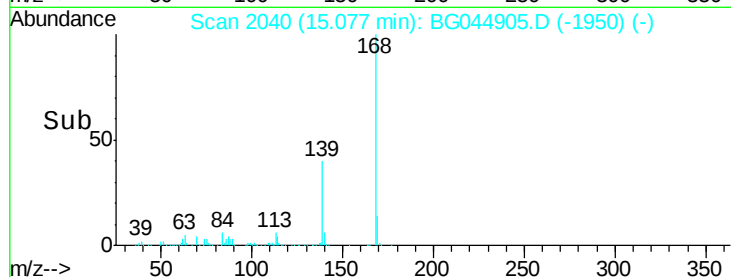
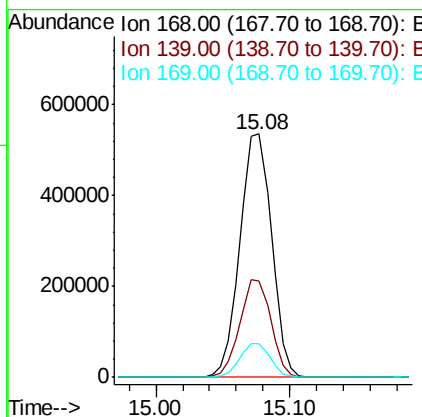
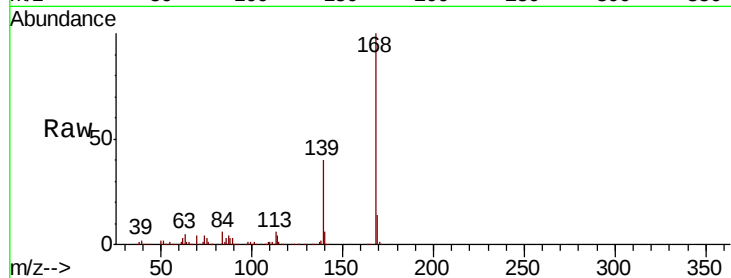
#55
Dibenzofuran
Concen: 45.647 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9		31.4	47.0
169	13.8		11.1	16.7

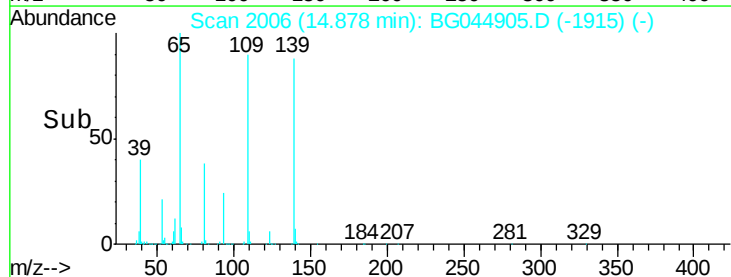
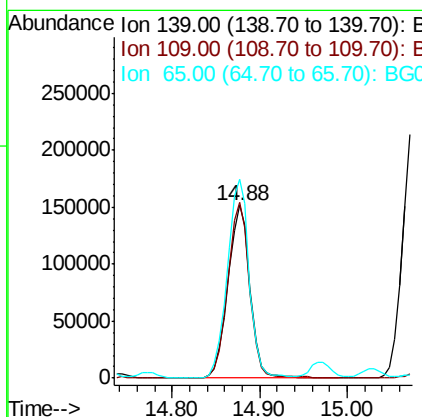
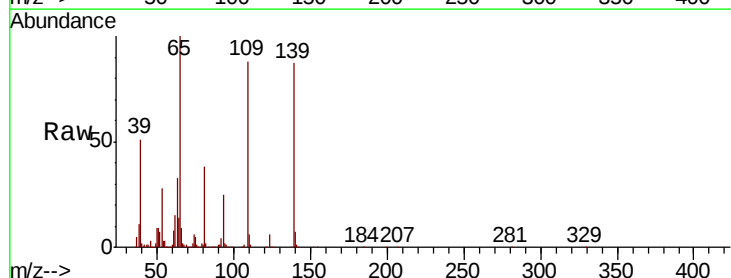
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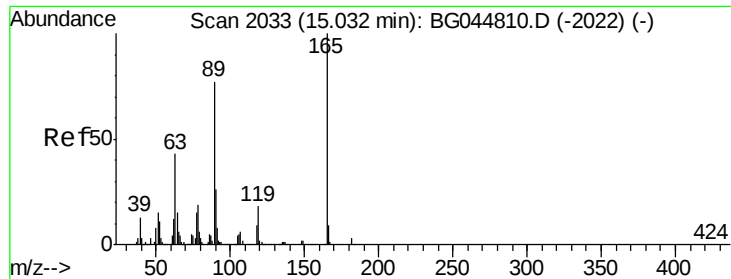
mohammad
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#56
4-Nitrophenol
Concen: 87.747 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.9		68.8	108.8
65	115.3		92.5	132.5





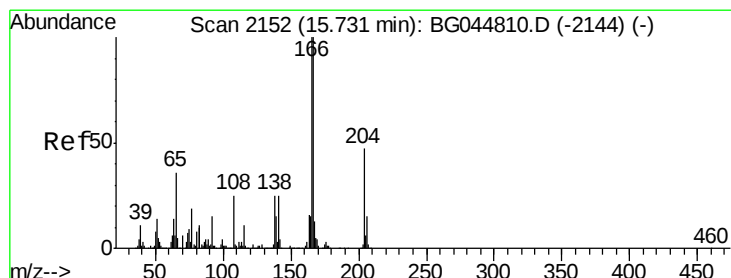
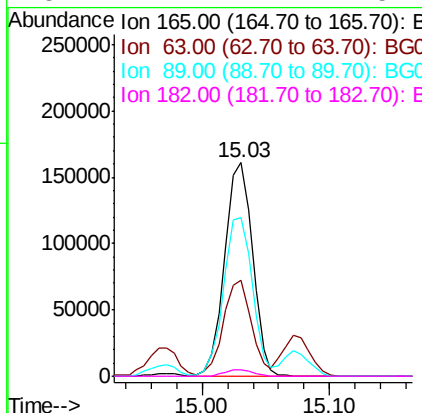
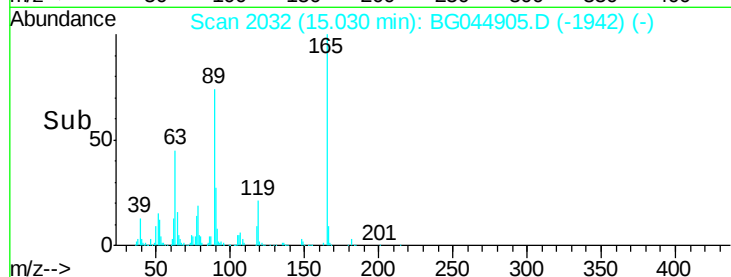
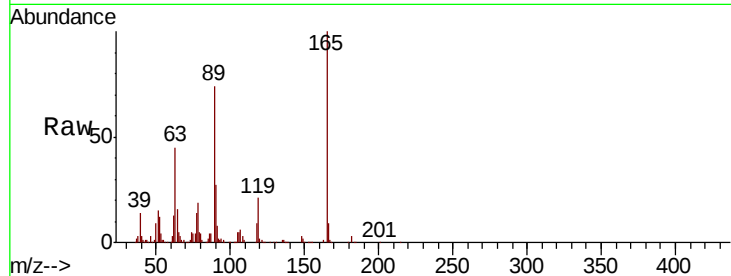
#57
2,4-Dinitrotoluene
Concen: 52.770 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		246226		
63	45.1		34.6	52.0	
89	74.3		61.3	91.9	
182	2.7		2.2	3.2	

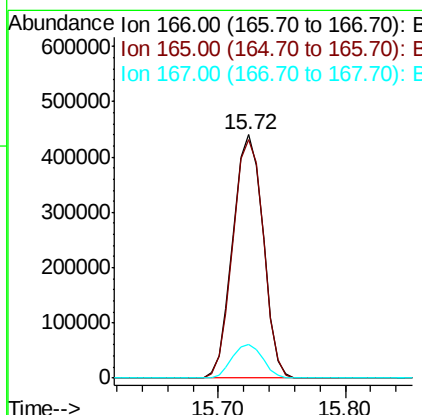
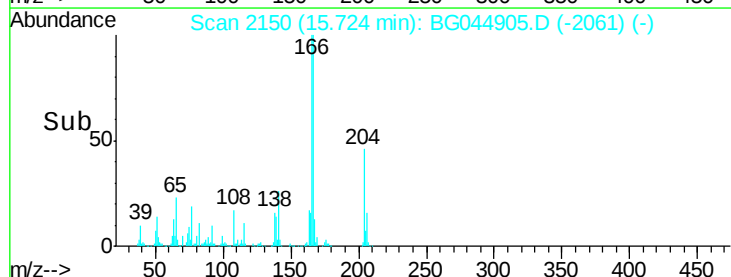
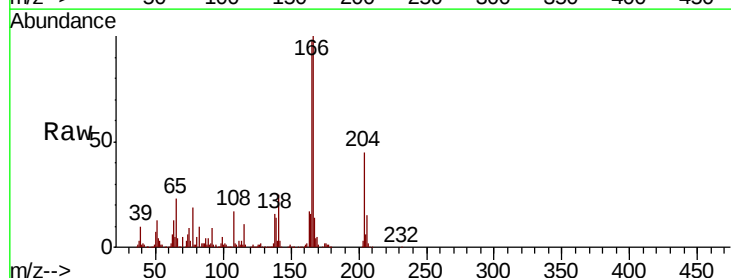
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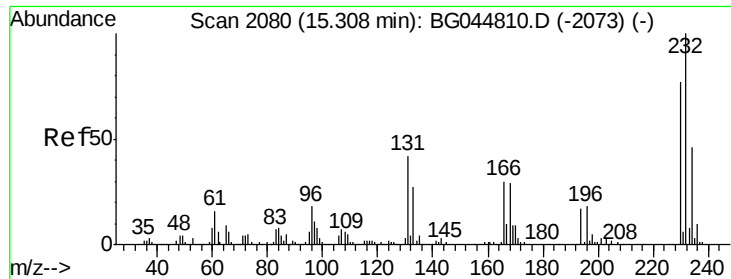
mohammad
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#58
Fluorene
Concen: 45.949 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		727551		
165	97.7		79.7	119.5	
167	13.9		10.6	16.0	





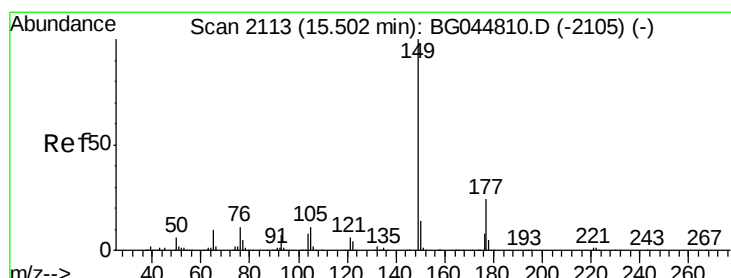
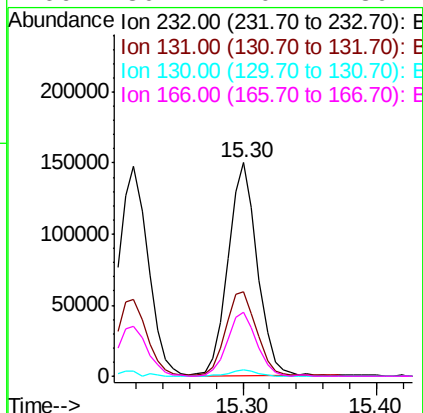
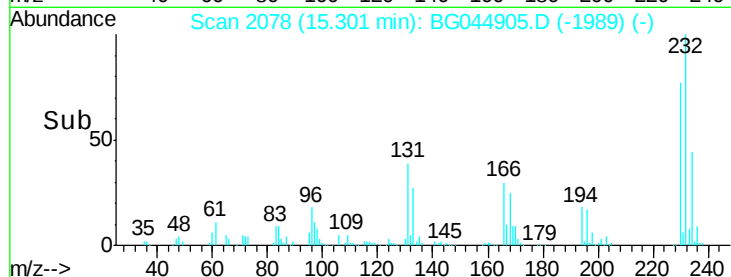
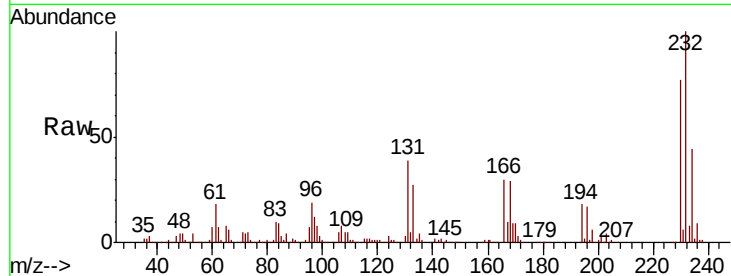
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.806 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	229105		
131	42.6		31.8	47.8
130	2.7		2.2	3.2
166	30.7		20.2	30.2#

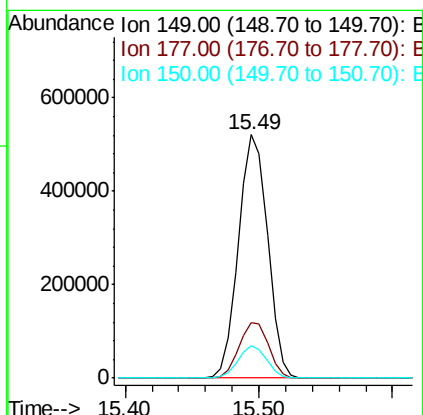
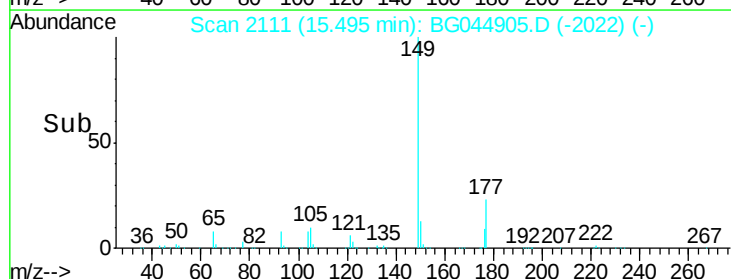
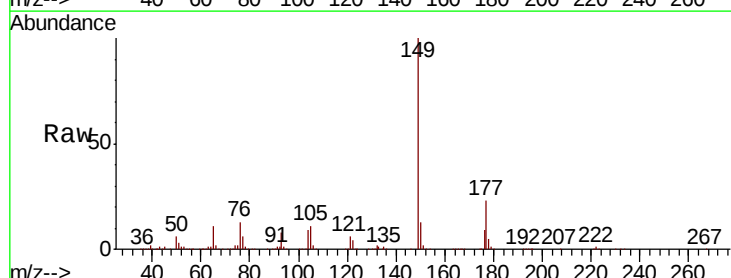
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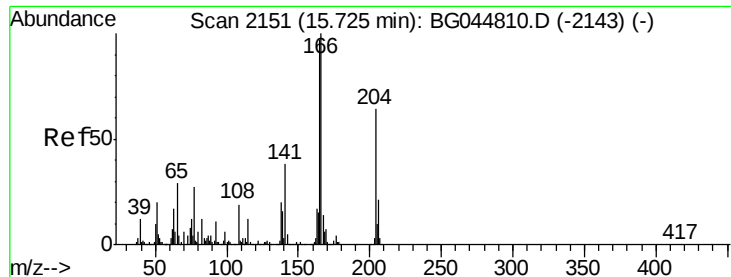
mohammad
 3/20/2020 11:48:04 AM



#60
 Diethylphthalate
 Concen: 44.657 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	786151		
177	22.9		19.3	28.9
150	13.4		11.0	16.6





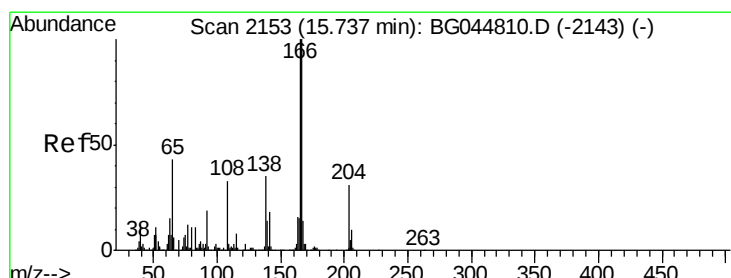
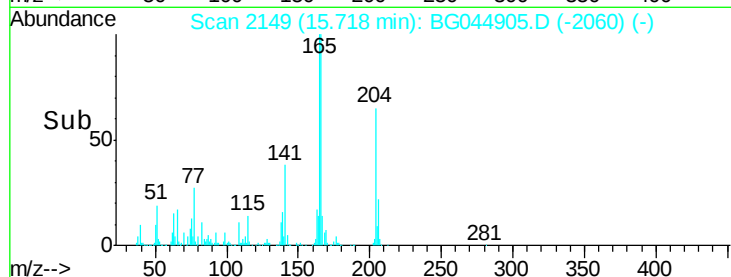
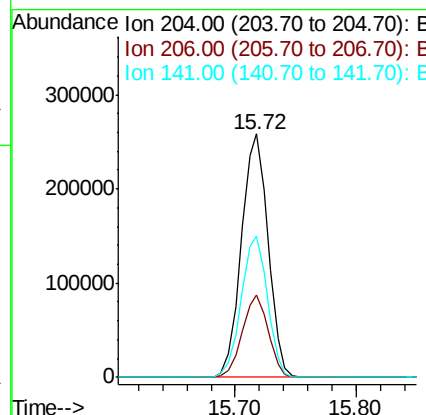
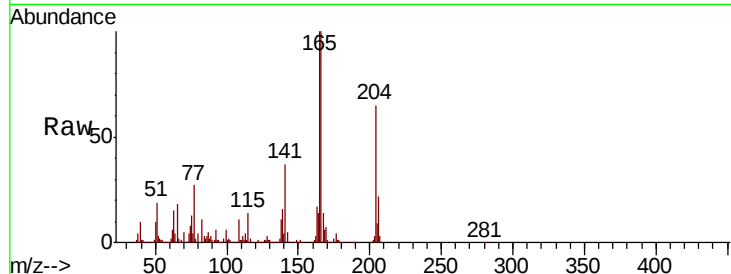
#61
4-Chlorophenyl-phenylether
Concen: 46.510 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	26.2	39.2	
141	57.8	47.7	71.5	

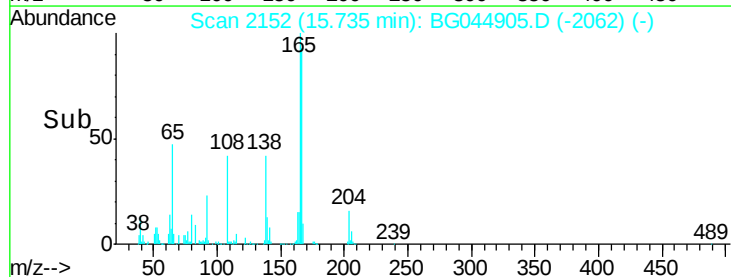
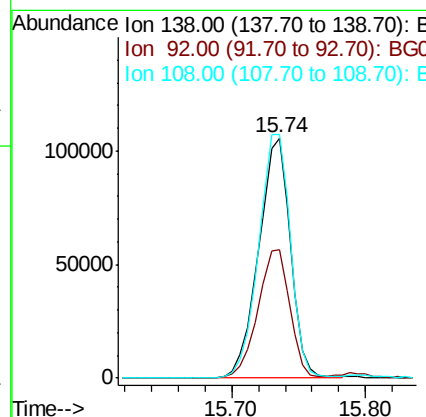
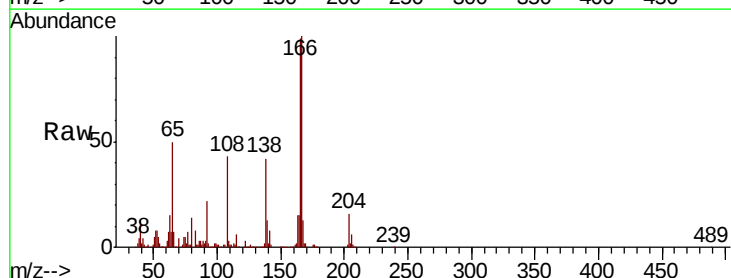
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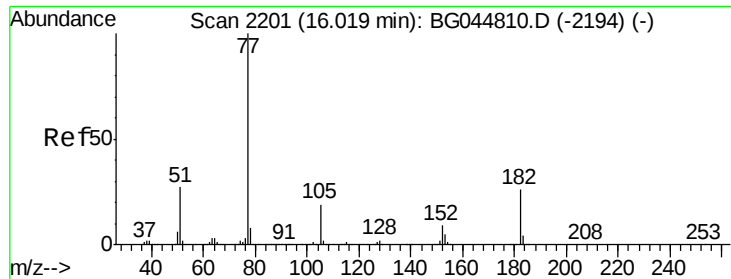
mohammad
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#62
4-Nitroaniline
Concen: 41.490 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.2	34.5	74.5	
108	101.3	74.5	114.5	





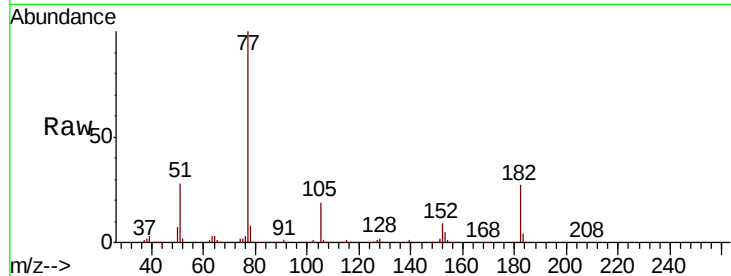
#63
Azobenzene
Concen: 42.677 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

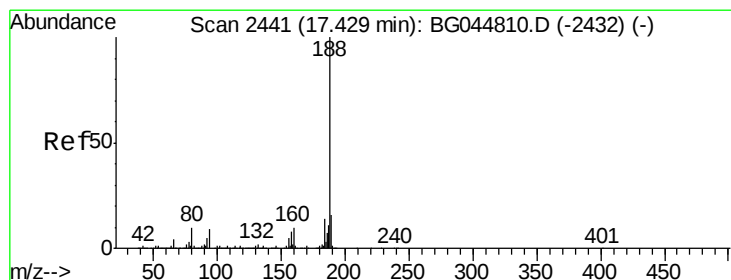
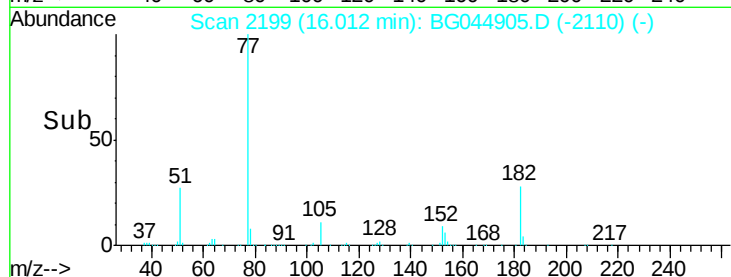
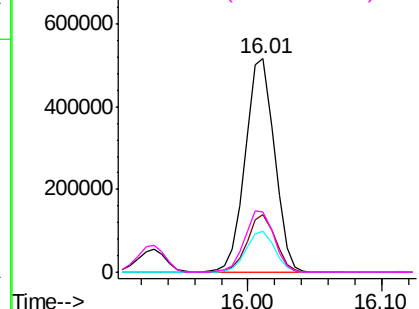
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.4	46.4
105	19.2	0.0	39.1
51	28.4	7.3	47.3

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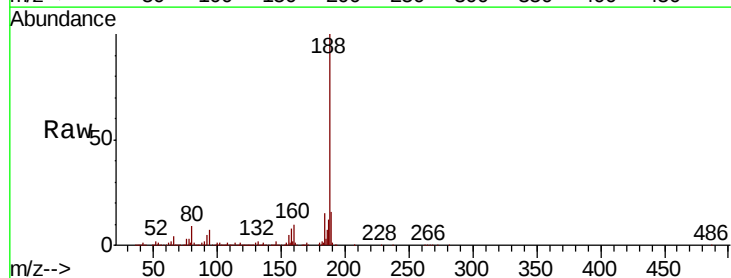


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

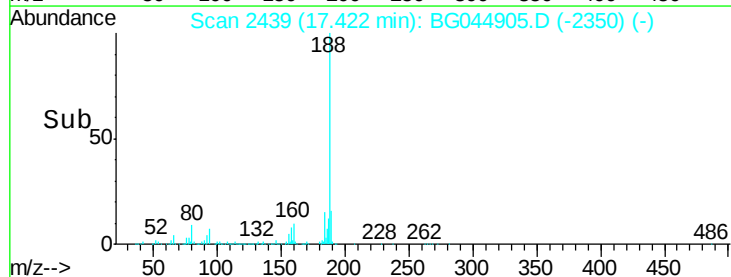
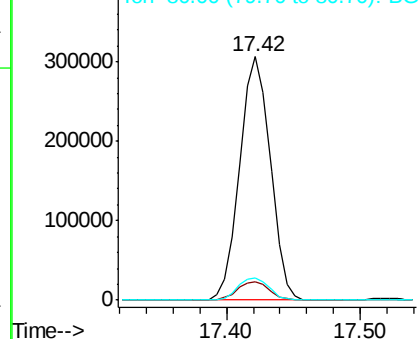


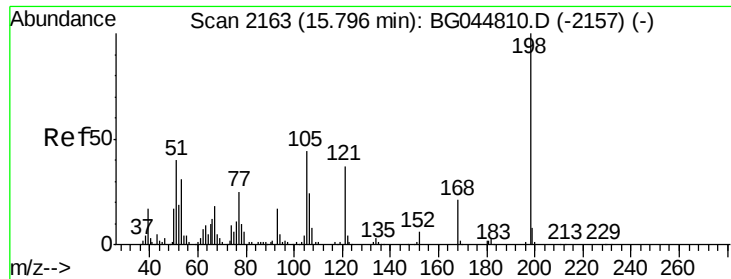
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.3	10.9
80	9.2	8.0	12.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





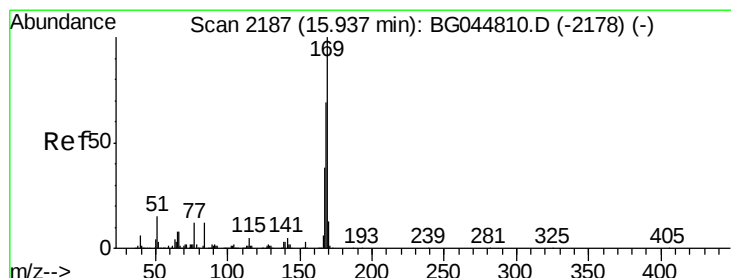
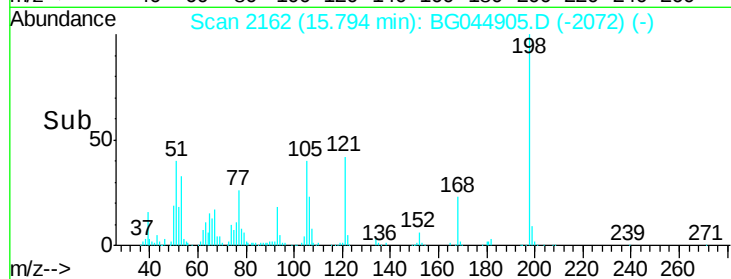
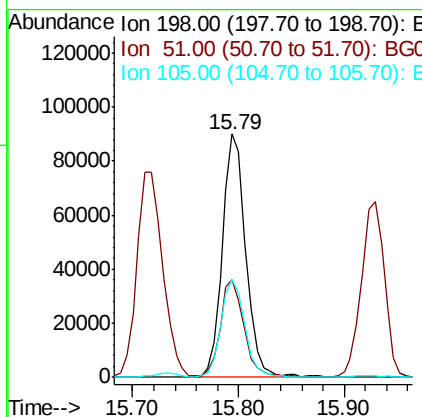
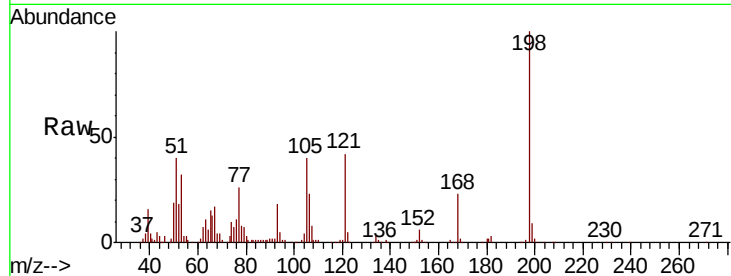
#65
4,6-Dinitro-2-methylphenol
Concen: 58.435 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138587		
51	40.0		21.1	61.1
105	40.2		24.5	64.5

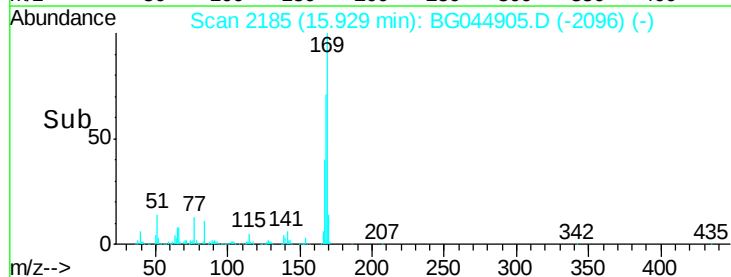
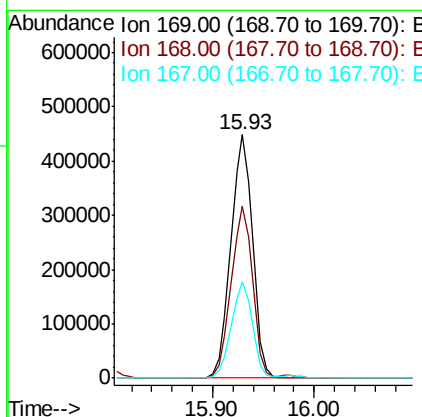
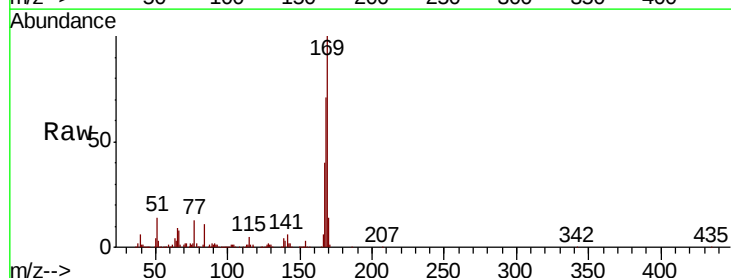
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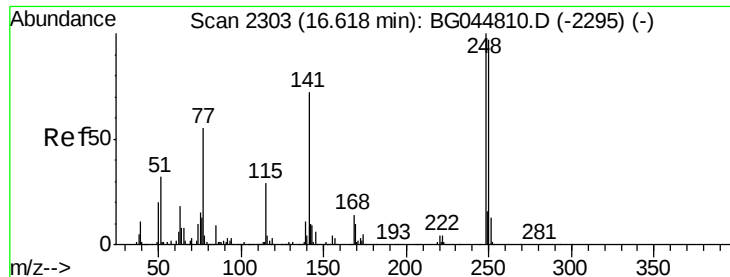
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#66
n-Nitrosodiphenylamine
Concen: 45.347 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	665266		
168	70.8		55.4	83.2
167	39.7		30.1	45.1





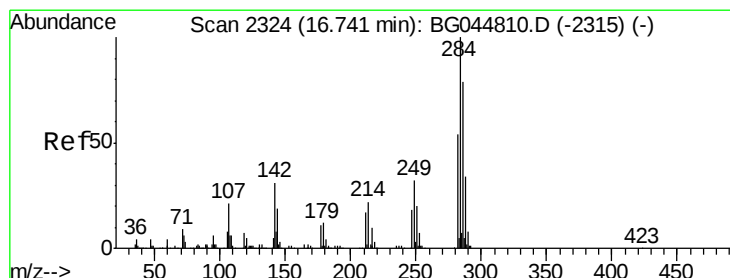
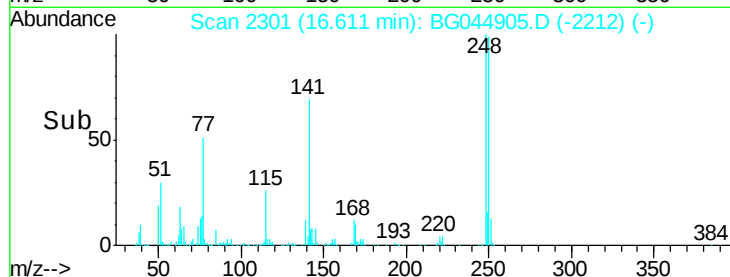
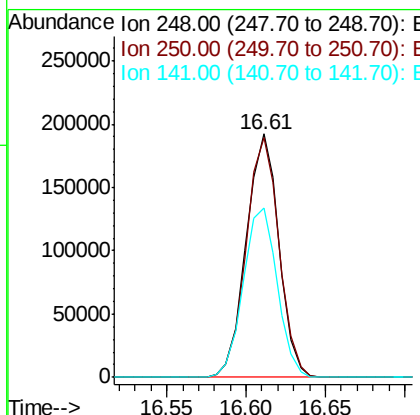
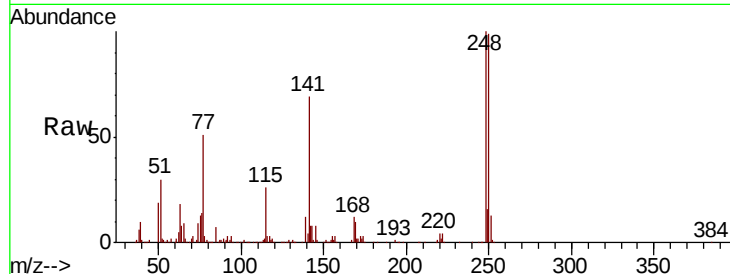
#67
4-Bromophenyl-phenylether
Concen: 45.181 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.9	116.9
141	69.4	57.5	86.3

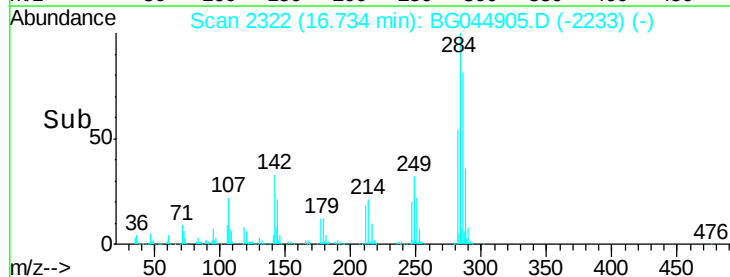
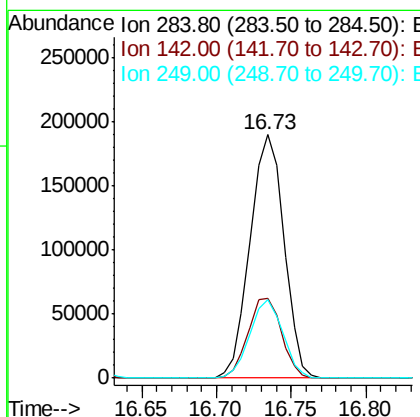
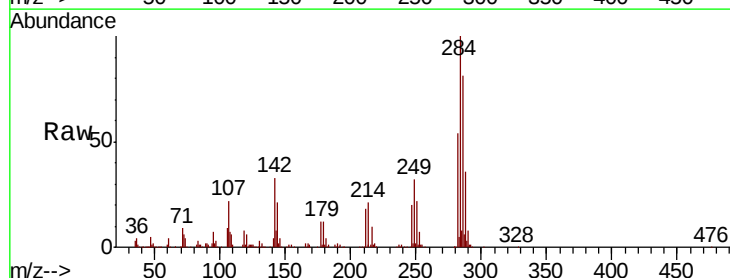
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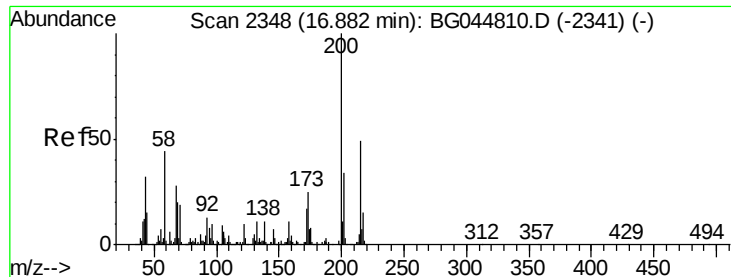
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#68
Hexachlorobenzene
Concen: 45.018 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.0	37.6
249	32.2	25.8	38.8





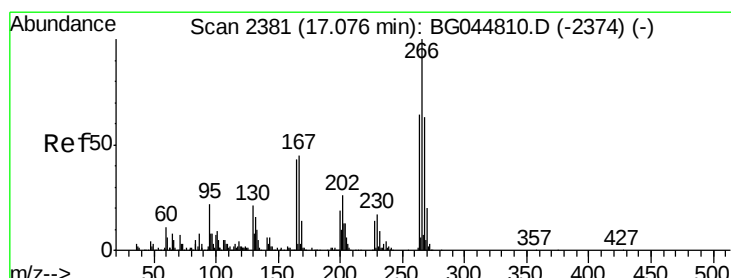
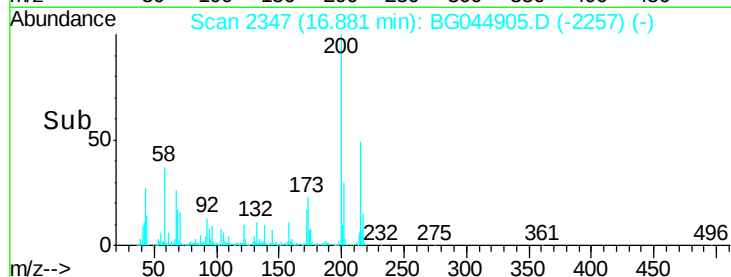
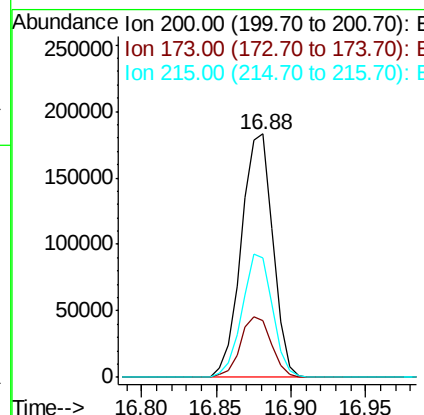
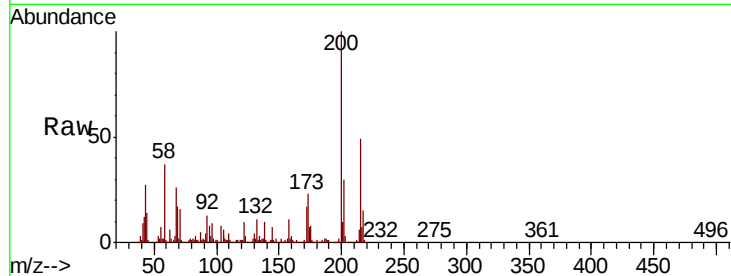
#69
Atrazine
Concen: 50.014 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	5.3	45.3
215	49.3	28.9	68.9

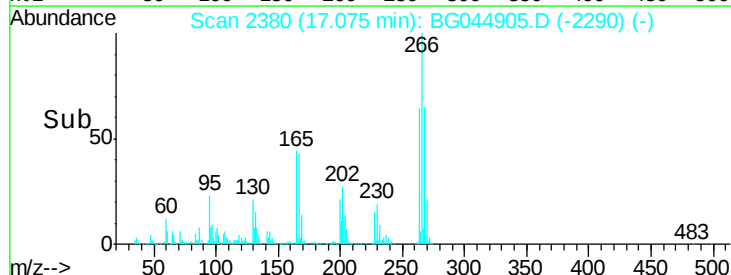
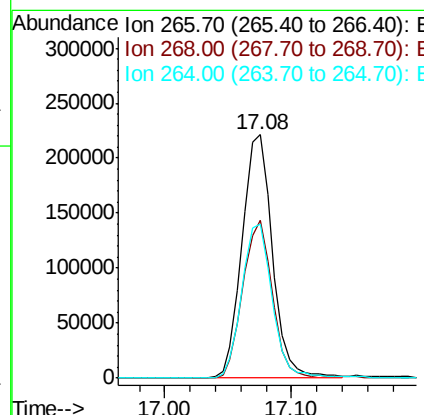
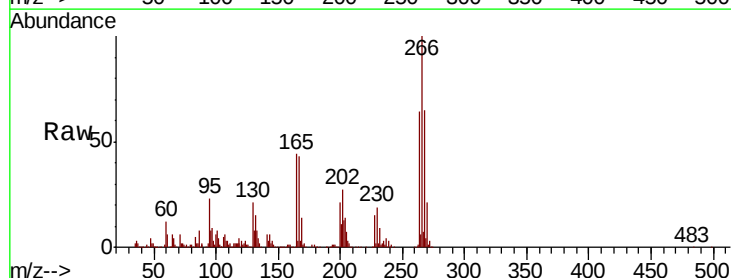
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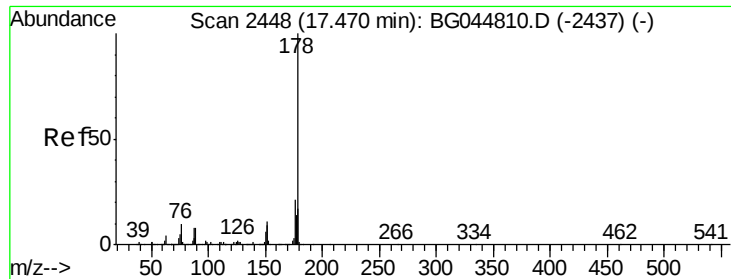
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#70
Pentachlorophenol
Concen: 101.353 ng
RT: 17.08 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.3	75.5
264	63.5	51.4	77.2





#71

Phenanthrene

Concen: 46.246 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

Tot Ion:178 Resp: 1204226

Ion Ratio Lower Upper

178 100

176 20.6 16.6 24.8

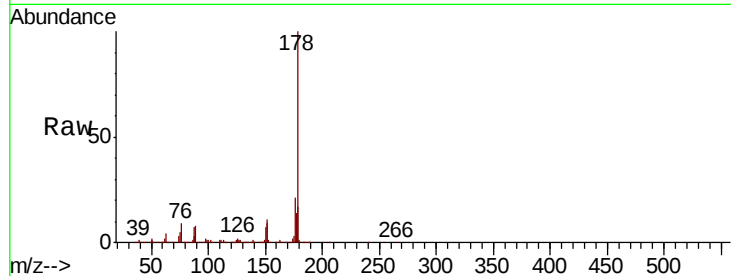
179 16.9 13.5 20.3

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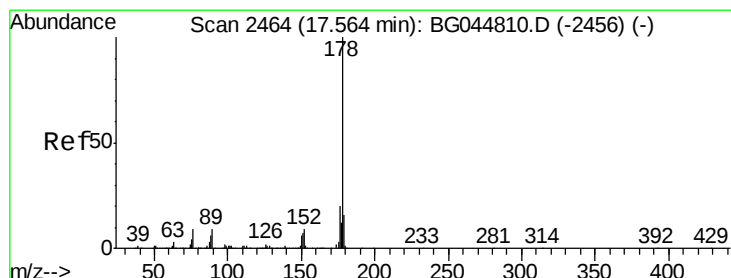
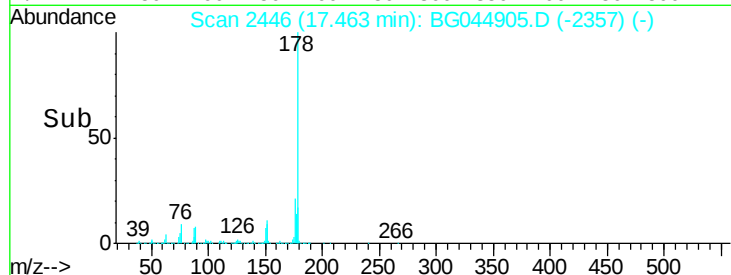
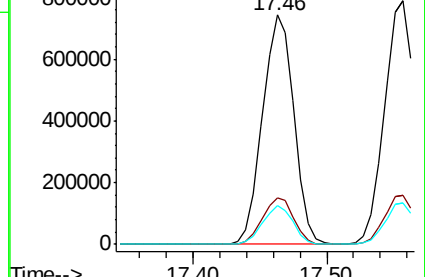
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.200 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:178 Resp: 1237590

Ion Ratio Lower Upper

178 100

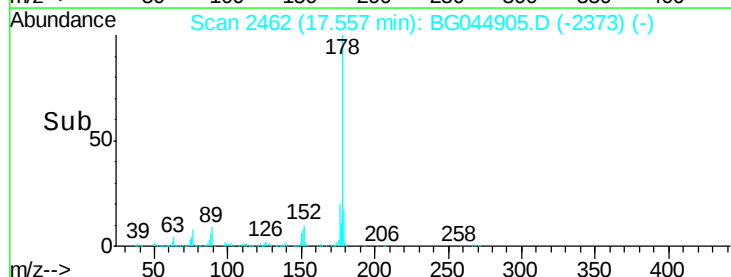
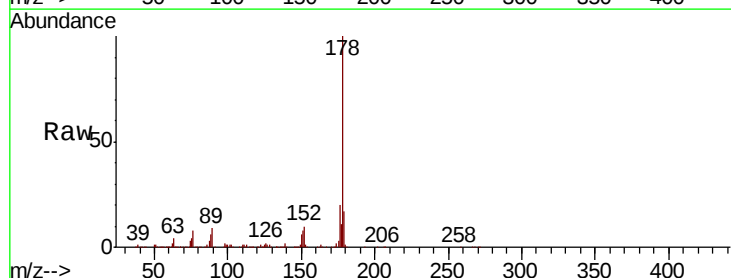
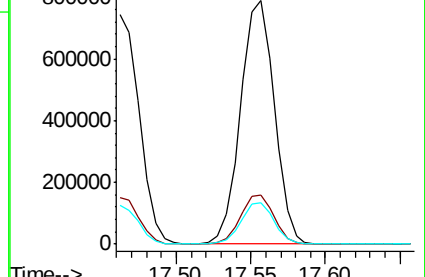
176 20.2 15.9 23.9

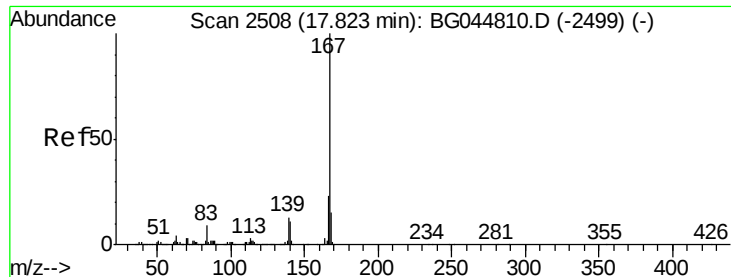
179 16.9 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





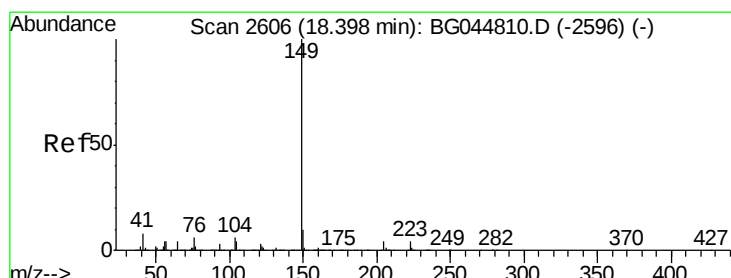
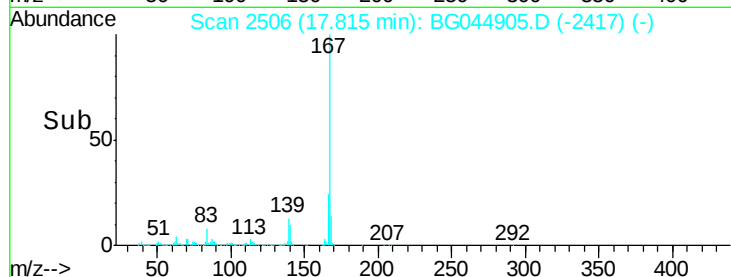
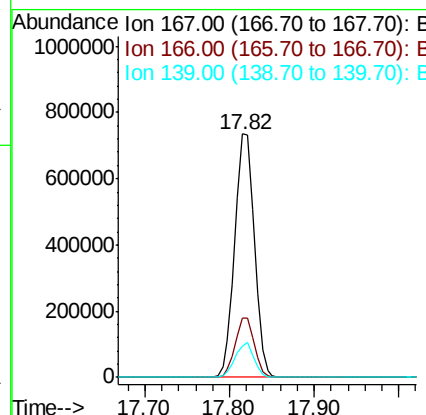
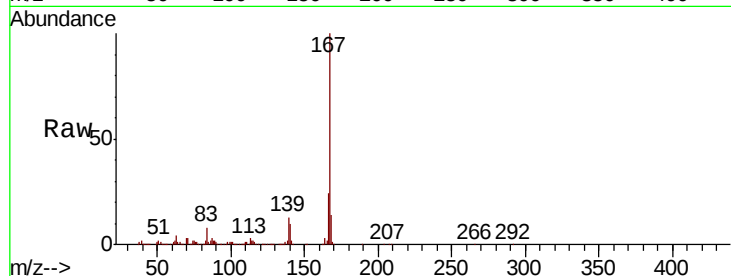
#73
 Carbazole
 Concen: 47.440 ng
 RT: 17.82 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.8	28.2
139	13.0	10.8	16.2

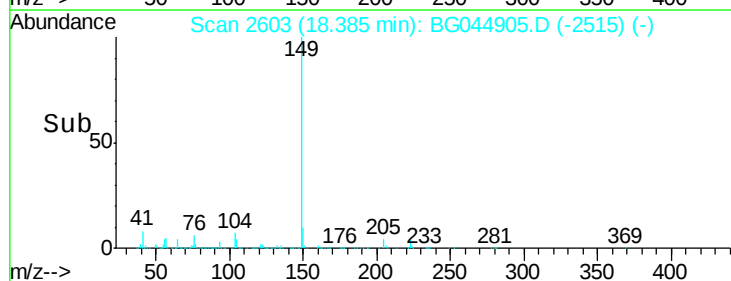
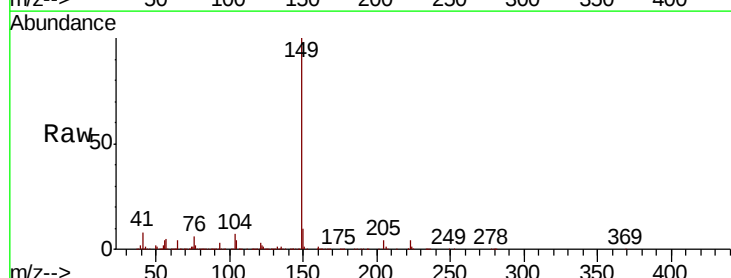
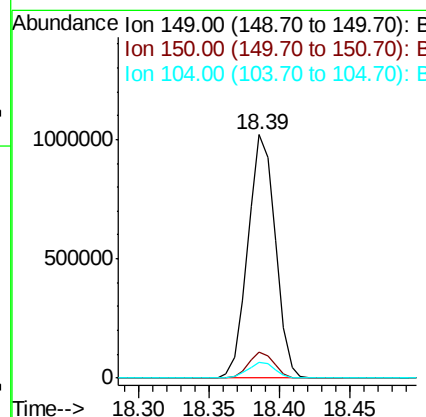
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#74
 Di-n-butylphthalate
 Concen: 46.315 ng
 RT: 18.39 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BG044905.D
 Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 49.482 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

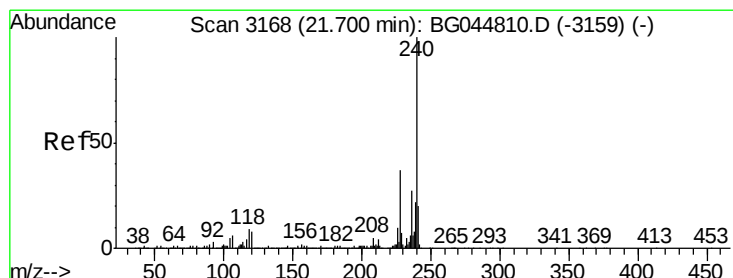
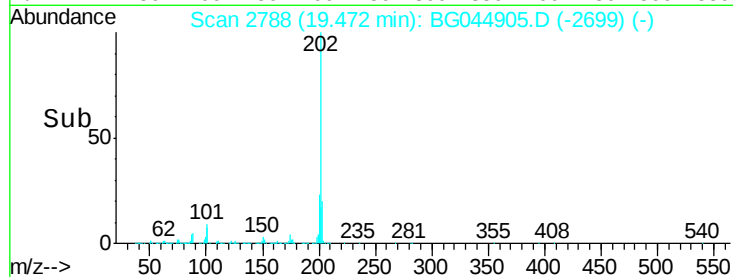
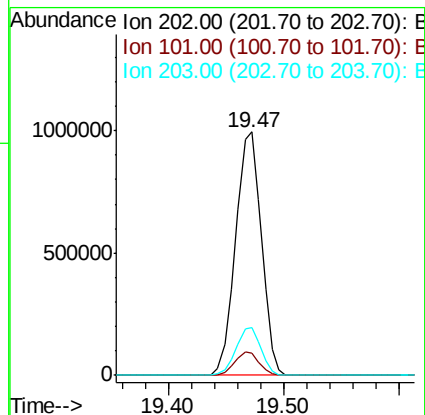
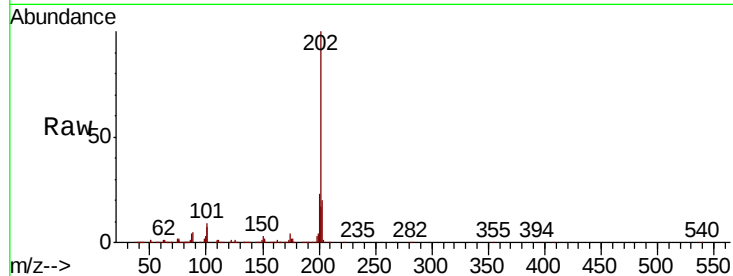
ClientSampleId :

2000448388MS

Tot Ion:	202	Resp:	1534152
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.8
203	19.5	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

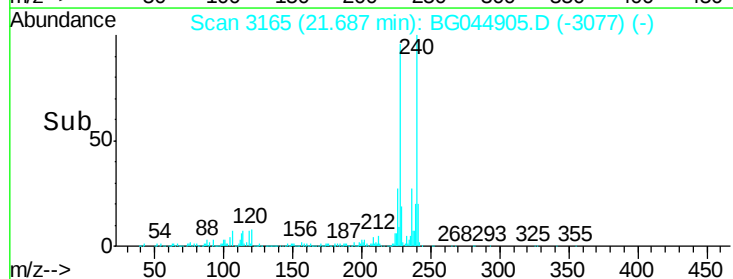
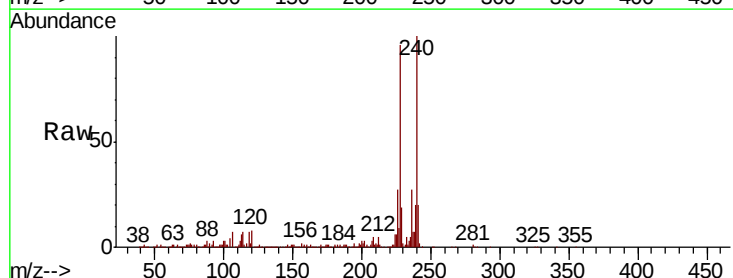
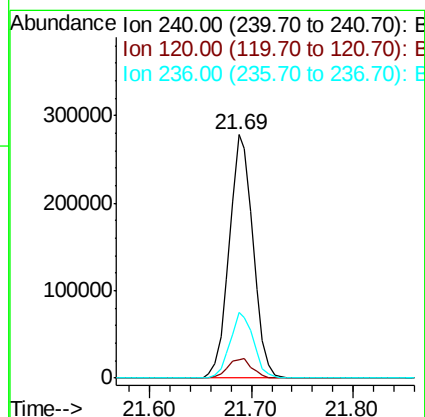
RT: 21.69 min Scan# 3165

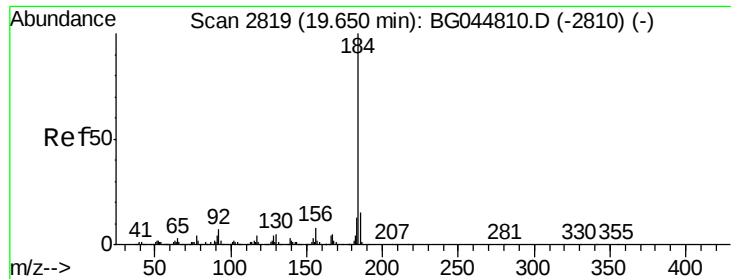
Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	240	Resp:	452614
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.7	10.1
236	27.2	21.5	32.3





#77

Benzidine

Concen: 12.616 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

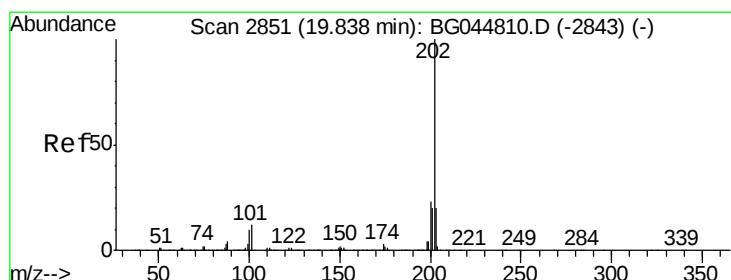
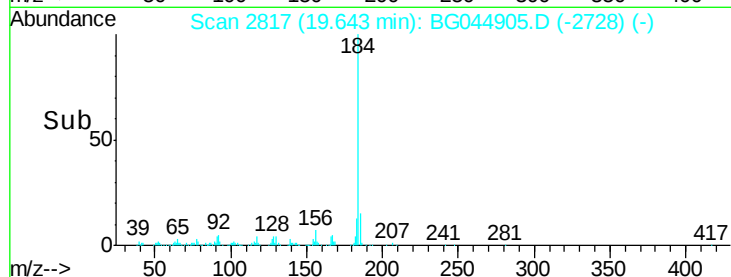
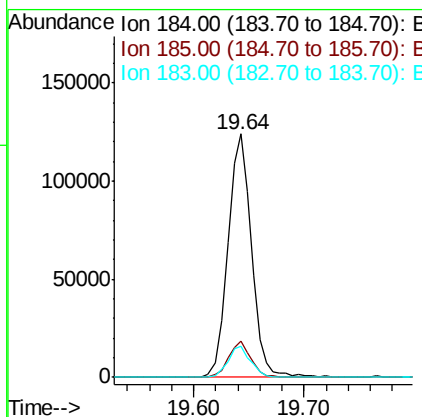
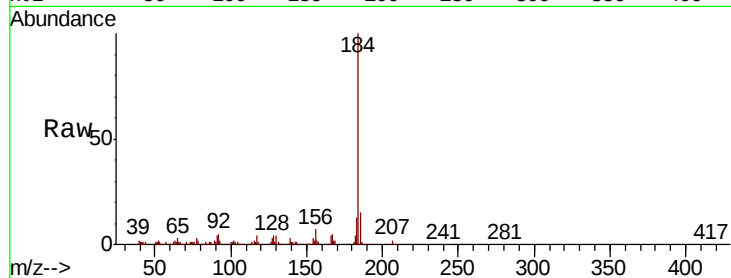
ClientSampleId :

2000448388MS

Tot Ion:	184	Resp:	185375
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.4
183	12.6	10.7	16.1

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#78

Pyrene

Concen: 46.067 ng

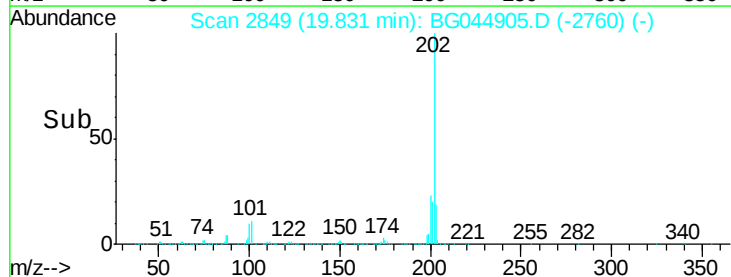
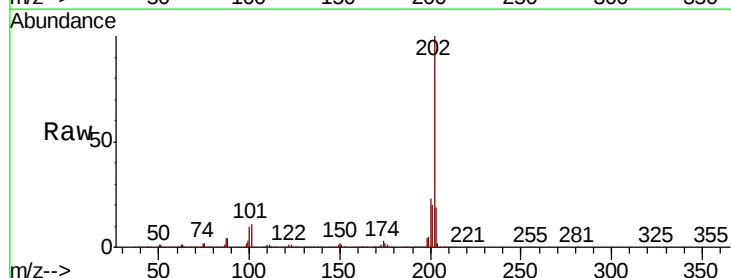
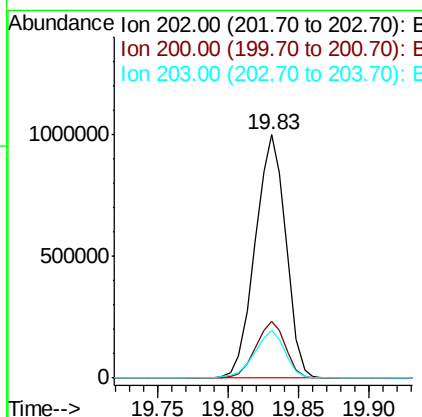
RT: 19.83 min Scan# 2849

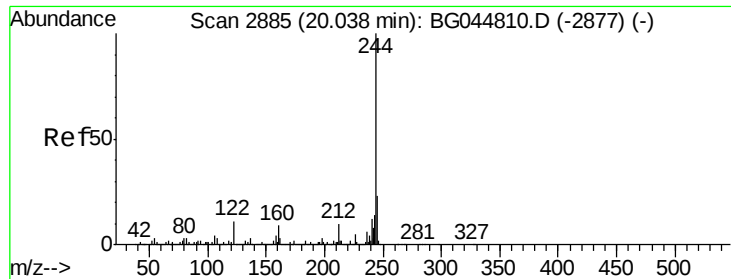
Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	202	Resp:	1529736
Ion Ratio	Lower	Upper	
202	100		
200	23.4	18.3	27.5
203	19.4	15.6	23.4





#79

Terphenyl-d14

Concen: 93.475 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

Tot Ion:244 Resp: 2261791

Ion Ratio Lower Upper

244 100

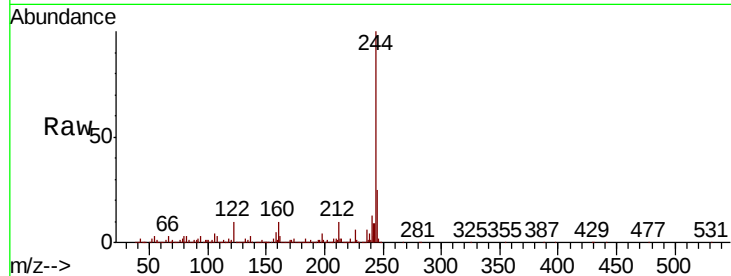
212 10.3 7.7 11.5

122 9.9 8.6 12.8

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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

2000000

1500000

1000000

500000

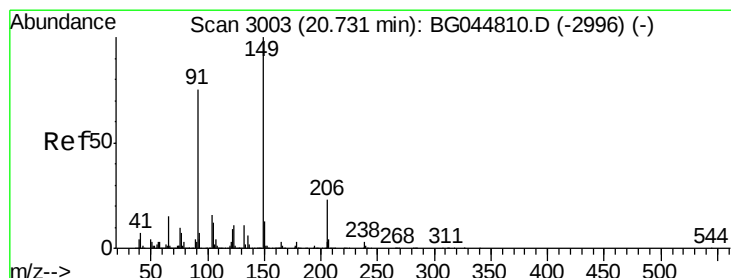
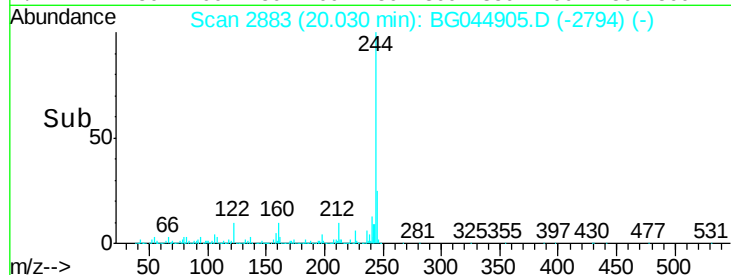
0

20.03

20.00

20.10

Time-->



#80

Butylbenzylphthalate

Concen: 44.370 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

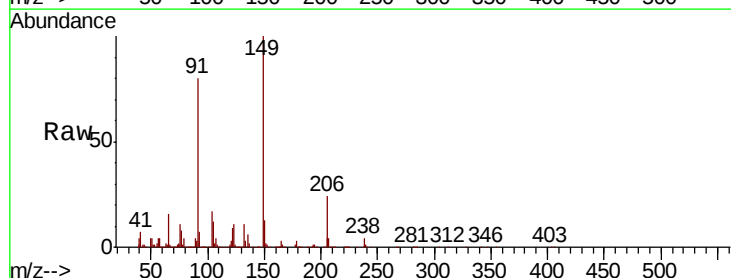
Tgt Ion:149 Resp: 655480

Ion Ratio Lower Upper

149 100

91 79.6 60.2 90.4

206 24.3 18.6 27.8



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

600000

400000

200000

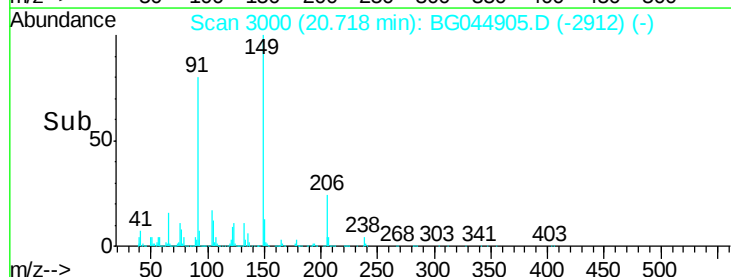
0

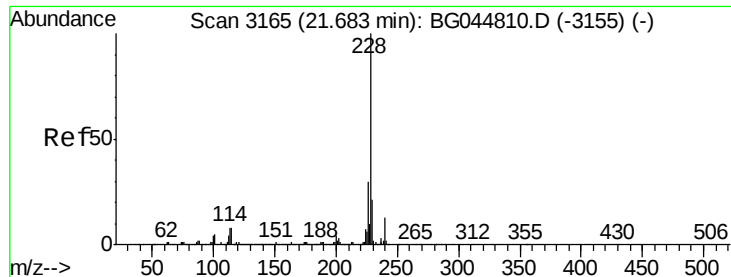
20.72

20.65

20.75

Time-->





#81

Benzo(a)anthracene

Concen: 45.971 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

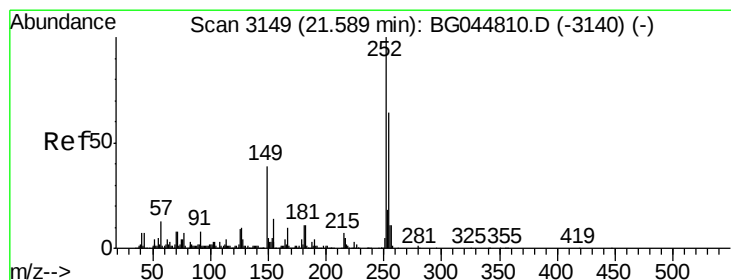
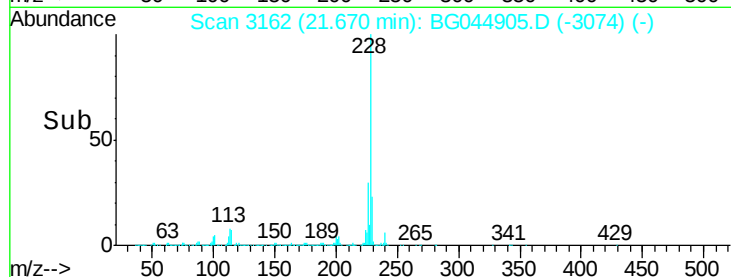
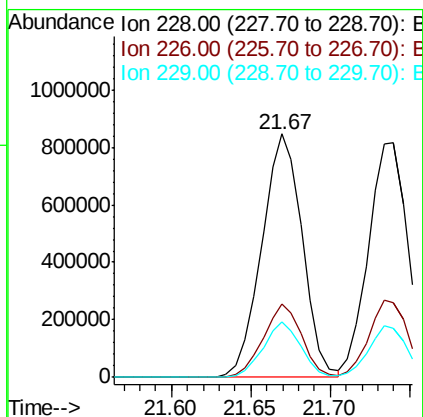
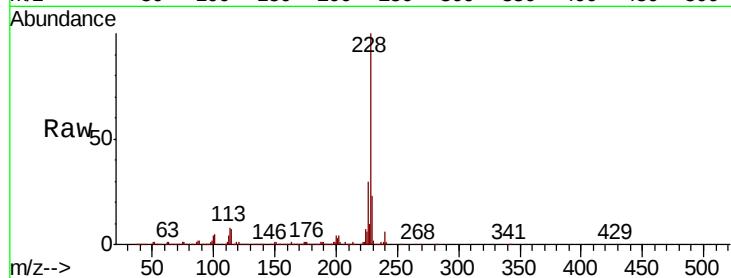
ClientSampleId :

2000448388MS

Tot Ion:	228	Resp:	1498273
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	22.7	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 14.761 ng

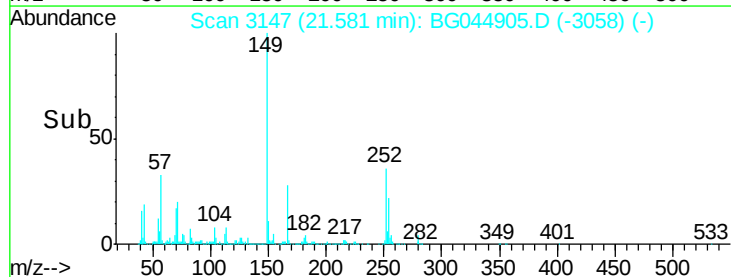
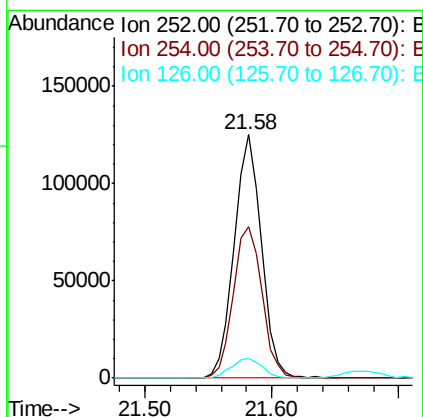
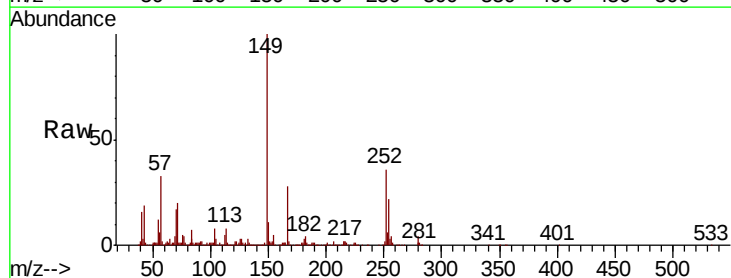
RT: 21.58 min Scan# 3147

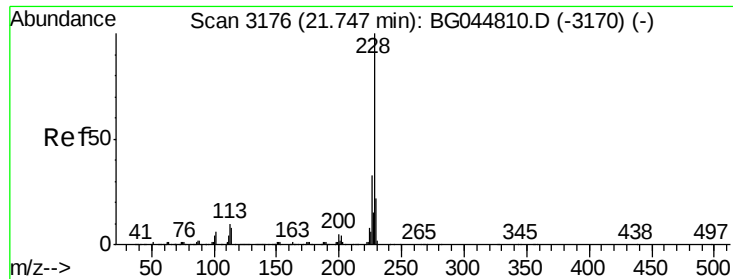
Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	252	Resp:	186113
Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.6	77.4
126	8.1	7.0	10.6





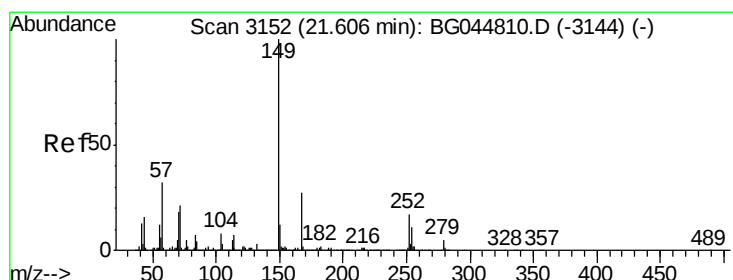
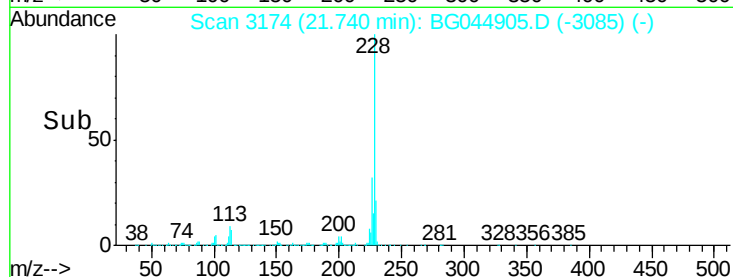
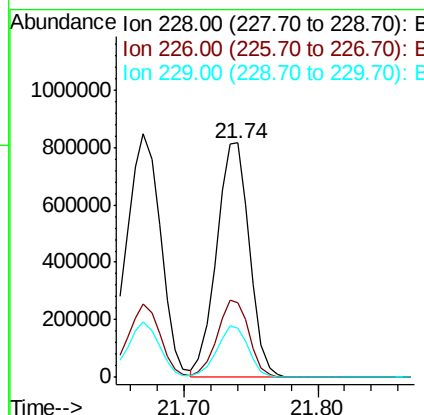
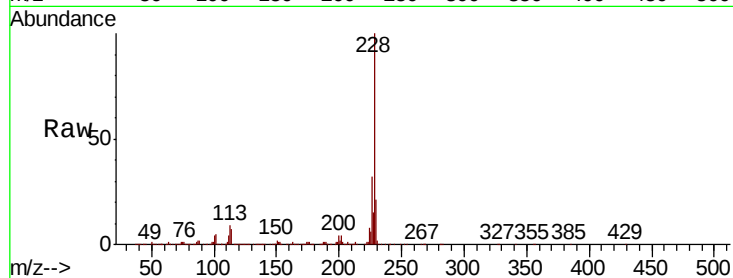
#83
Chrysene
Concen: 45.231 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion:	228	Resp:	1408144
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.9	38.9
229	20.7	17.4	26.0

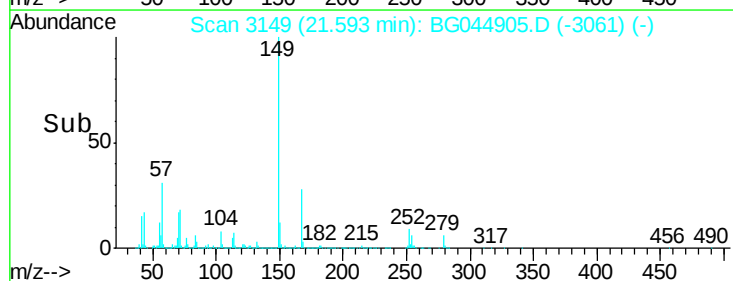
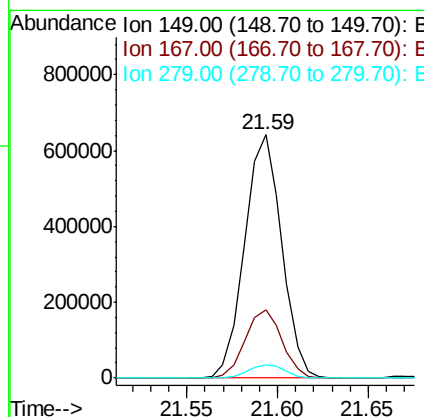
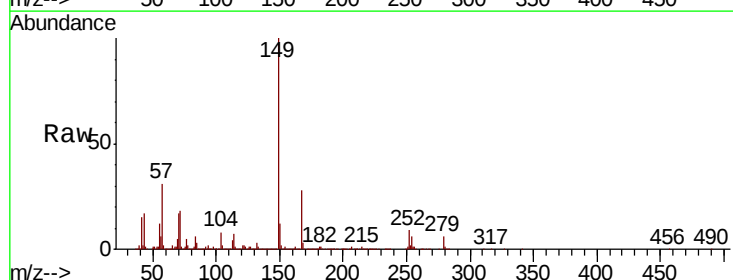
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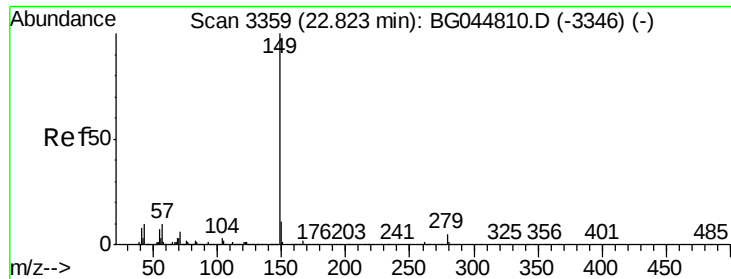
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.522 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion:	149	Resp:	907743
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	5.6	3.8	5.6





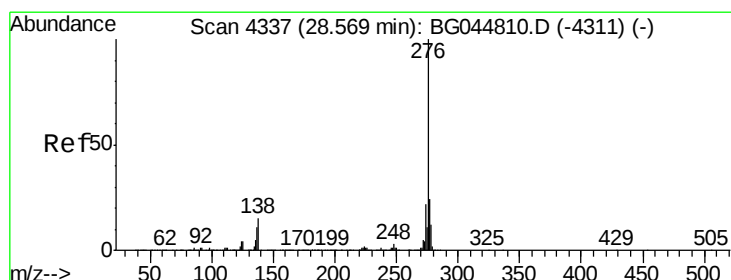
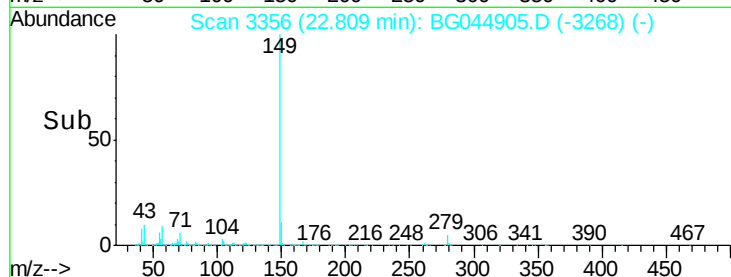
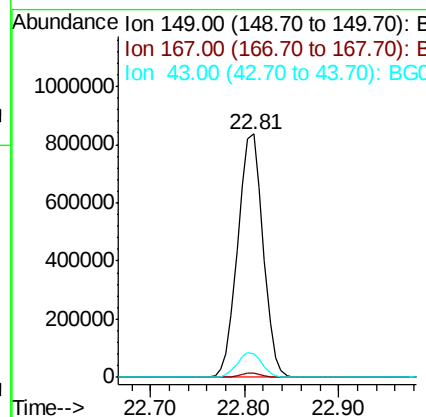
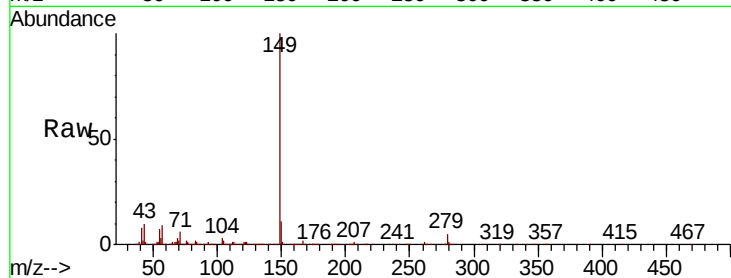
#85
Di-n-octyl phthalate
Concen: 45.735 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.1	8.2	12.4

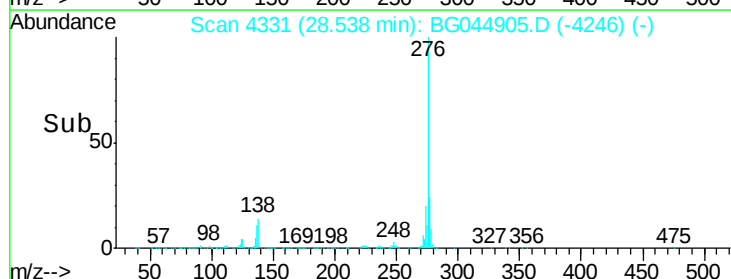
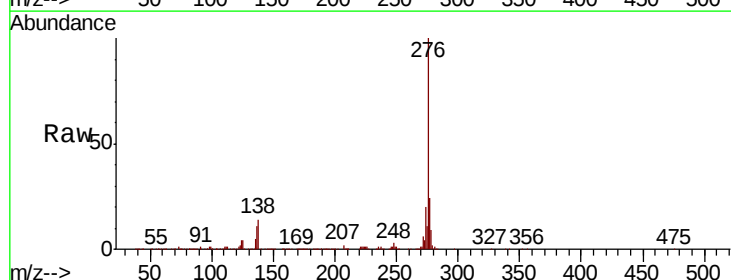
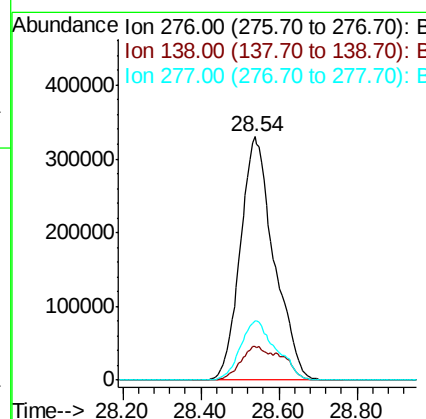
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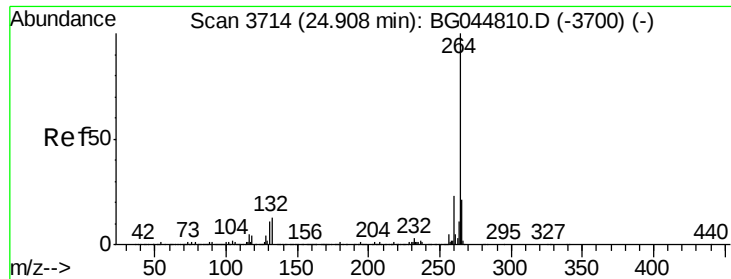
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.223 ng
RT: 28.54 min Scan# 4331
Delta R.T. -0.03 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.9	7.4	11.0#
277	25.9	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

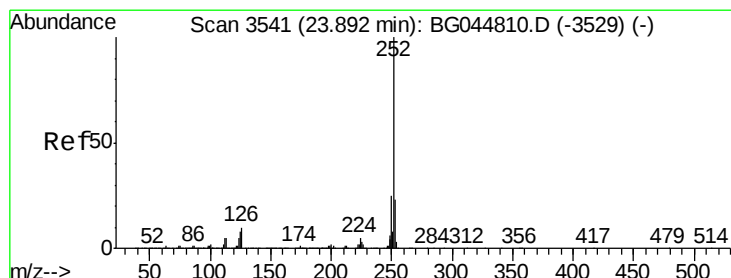
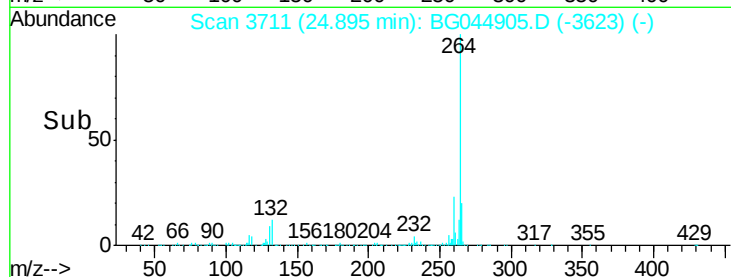
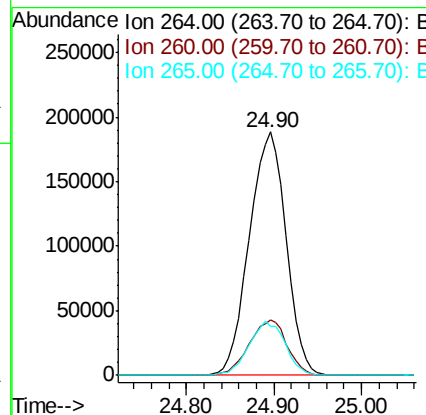
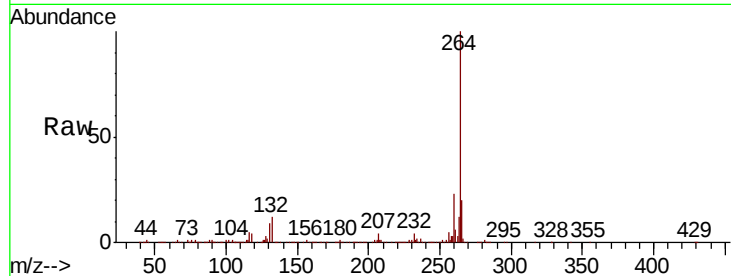
ClientSampleId :

2000448388MS

Tot Ion:	264	Resp:	539770
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.1	27.1
265	20.2	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 45.698 ng

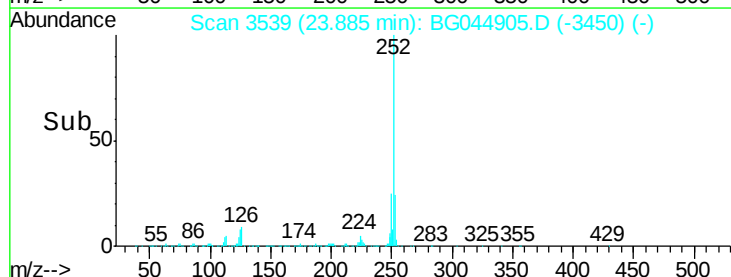
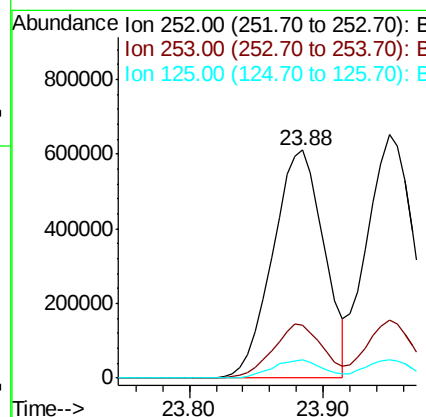
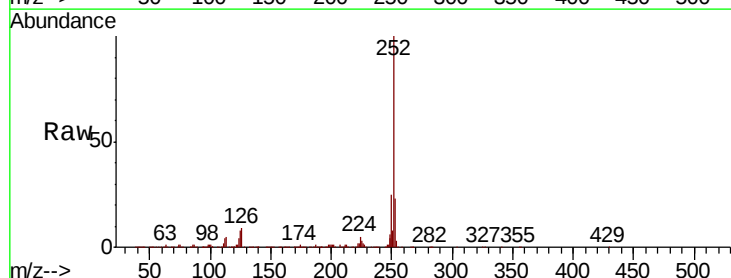
RT: 23.88 min Scan# 3539

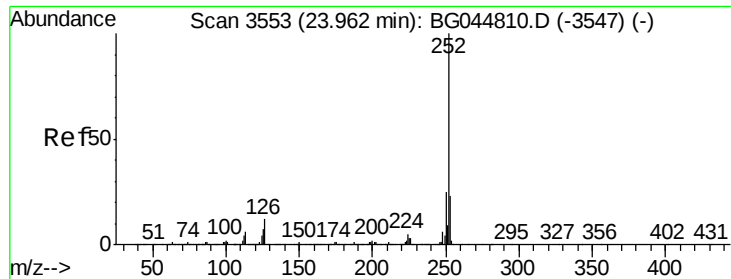
Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Tgt Ion:	252	Resp:	1628403
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.1	27.1
125	8.0	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 46.570 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

Instrument :

BNA_G

ClientSampleId :

2000448388MS

Tot Ion:252 Resp: 1570453

Ion Ratio Lower Upper

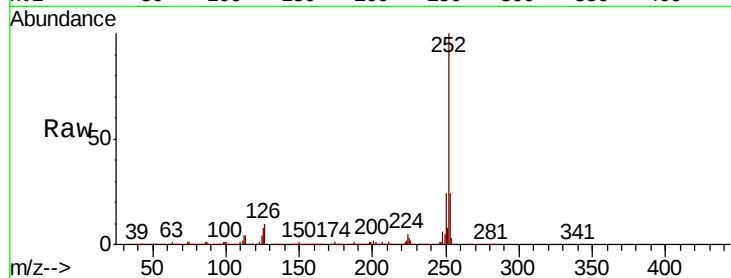
252 100

253 23.9 18.5 27.7

125 7.5 6.2 9.2

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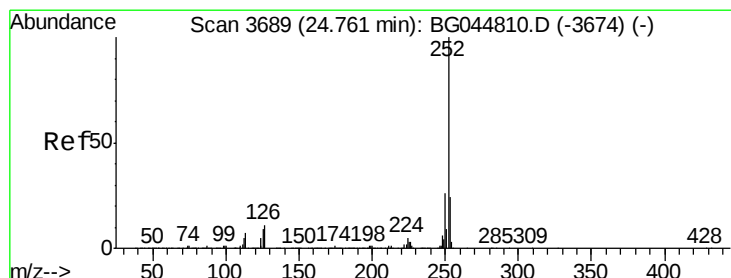
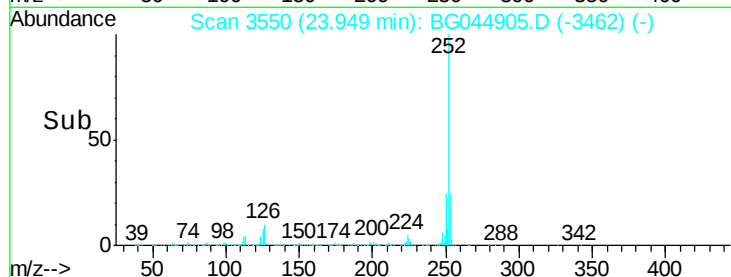
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.95

Time-->



#90

Benzo(a)pyrene

Concen: 45.130 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG044905.D

Acq: 19 Mar 2020 20:15

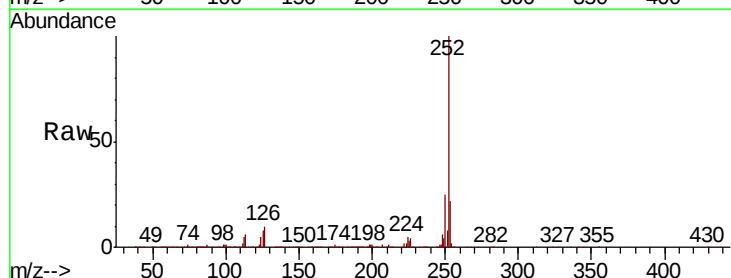
Tgt Ion:252 Resp: 1504788

Ion Ratio Lower Upper

252 100

253 22.2 19.4 29.0

125 8.2 7.2 10.8



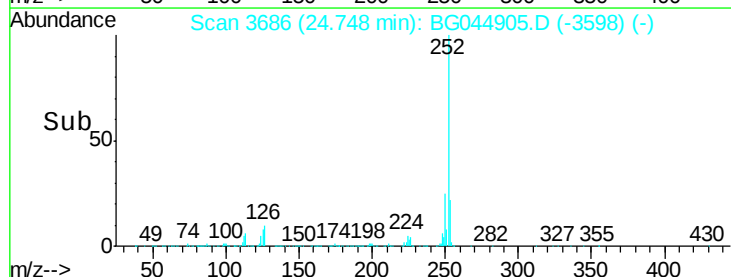
Abundance Ion 252.00 (251.70 to 252.70): E

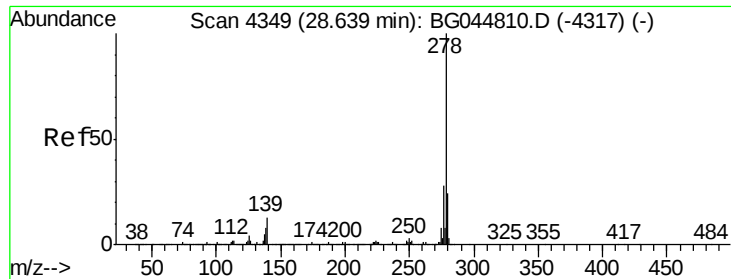
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.75

Time-->





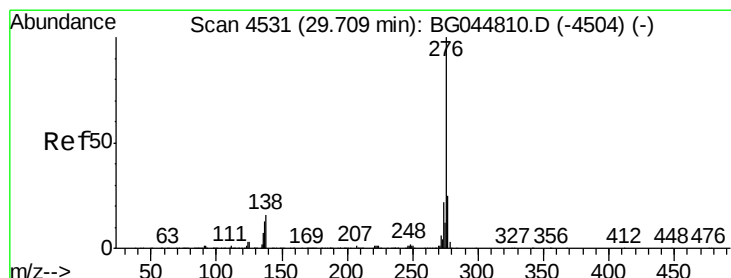
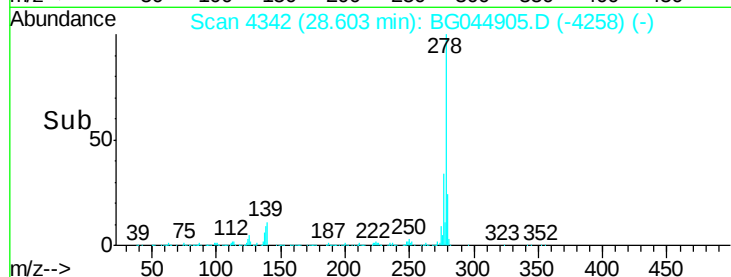
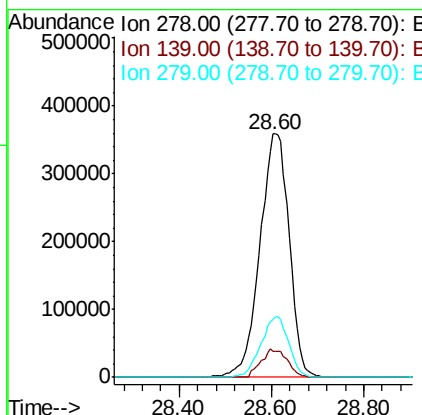
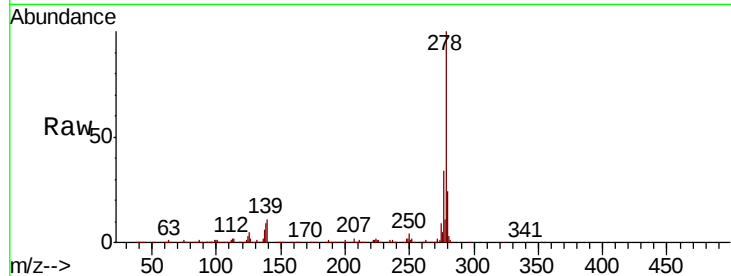
#91
Dibenzo(a,h)anthracene
Concen: 48.040 ng
RT: 28.60 min Scan# 4342
Delta R.T. -0.04 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	10.2	15.2
279	23.8	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 48.839 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.02 min
Lab File: BG044905.D
Acq: 19 Mar 2020 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.1	30.1
138	14.8	13.0	19.6

