

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044941.D
 Acq On : 24 Mar 2020 22:05
 Operator : CG/JU
 Sample : PB127786BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:27:47 PM

Quant Time: Mar 25 06:38:35 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 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82231	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	320433	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	214470	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	484268	20.00	ng	0.00
76) Chrysene-d12	21.69	240	461723	20.00	ng	-0.01
87) Perylene-d12	24.89	264	517371	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	743189	140.69	ng	0.00
7) Phenol-d6	7.20	99	1007481	131.27	ng	0.00
23) Nitrobenzene-d5	9.20	82	641549	87.86	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	424424	151.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1367354	91.30	ng	0.00
79) Terphenyl-d14	20.03	244	2216180	89.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	91027	35.784	ng	96
3) Pyridine	3.91	79	262385	34.843	ng	96
4) n-Nitrosodimethylamine	3.82	42	127724	44.702	ng	# 100
6) Aniline	7.36	93	348535	36.495	ng	94
8) 2-Chlorophenol	7.61	128	276687	52.470	ng	97
9) Benzaldehyde	7.17	77	210533	47.449	ng	93
10) Phenol	7.23	94	365255	48.070	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	254371	41.946	ng	96
12) 1,3-Dichlorobenzene	7.93	146	288811	44.461	ng	99
13) 1,4-Dichlorobenzene	8.08	146	289581	45.092	ng	98
14) 1,2-Dichlorobenzene	8.40	146	272835	44.796	ng	97
15) Benzyl Alcohol	8.28	79	273543	44.421	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384033	35.885	ng	97
17) 2-Methylphenol	8.48	107	247660	48.117	ng	96
18) Hexachloroethane	9.13	117	111225	43.992	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	220275	40.646	ng	98
20) 3+4-Methylphenols	8.81	107	338801	47.751	ng	96
22) Acetophenone	8.86	105	403583	44.458	ng	99
24) Nitrobenzene	9.24	77	338711	44.703	ng	99
25) Isophorone	9.77	82	612006	42.942	ng	# 97
26) 2-Nitrophenol	9.96	139	146789	54.907	ng	97
27) 2,4-Dimethylphenol	10.02	122	247729	53.377	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	351667	41.347	ng	99
29) 2,4-Dichlorophenol	10.49	162	273644	50.479	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	298565	46.061	ng	97
31) Naphthalene	10.90	128	803969	45.293	ng	99
32) Benzoic acid	10.16	122	143783	41.426	ng	96
33) 4-Chloroaniline	11.00	127	181705	22.721	ng	99
34) Hexachlorobutadiene	11.20	225	193567	45.411	ng	99
35) Caprolactam	11.77	113	96472m	47.003	ng	
36) 4-Chloro-3-methylphenol	12.13	107	308739	47.753	ng	97
37) 2-Methylnaphthalene	12.50	142	606765	45.697	ng	96
38) 1-Methylnaphthalene	12.72	142	579414	46.416	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	319231	45.197	ng	98

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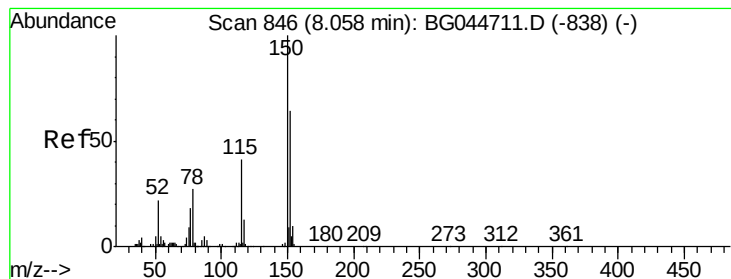
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	451833	117.054	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	239223	51.035	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	252320	51.905	ng	96
46) 1,1'-Biphenyl	13.51	154	761441	44.428	ng	97
47) 2-Chloronaphthalene	13.55	162	588892	44.979	ng	98
48) 2-Nitroaniline	13.74	65	212311	46.319	ng	97
49) Acenaphthylene	14.39	152	948221	46.229	ng	98
50) Dimethylphthalate	14.13	163	774027	45.314	ng	98
51) 2,6-Dinitrotoluene	14.24	165	178361	51.802	ng	96
52) Acenaphthene	14.74	154	699999	52.110	ng	100
53) 3-Nitroaniline	14.57	138	118849	30.024	ng	98
54) 2,4-Dinitrophenol	14.78	184	191137	103.505	ng	97
55) Dibenzofuran	15.08	168	917338	47.092	ng	98
56) 4-Nitrophenol	14.88	139	302019	99.970	ng	97
57) 2,4-Dinitrotoluene	15.03	165	248877	52.704	ng	100
58) Fluorene	15.72	166	758465	47.332	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	235985	52.728	ng	95
60) Diethylphthalate	15.49	149	791689	44.437	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	407223	47.196	ng	99
62) 4-Nitroaniline	15.73	138	180809	42.835	ng	94
63) Azobenzene	16.01	77	792281	42.824	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	146945	61.828	ng	94
66) n-Nitrosodiphenylamine	15.93	169	677794	46.489	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	287619	47.509	ng	100
68) Hexachlorobenzene	16.73	284	309065	47.056	ng	99
69) Atrazine	16.88	200	277676	51.983	ng	98
70) Pentachlorophenol	17.07	266	375411	103.883	ng	98
71) Phenanthrene	17.46	178	1206661	46.628	ng	99
72) Anthracene	17.55	178	1231633	48.266	ng	98
73) Carbazole	17.82	167	1160983	47.365	ng	98
74) Di-n-butylphthalate	18.38	149	1369163	45.950	ng	99
75) Fluoranthene	19.47	202	1505412	48.857	ng	99
77) Benzidine	19.64	184	760681	50.748	ng	100
78) Pyrene	19.83	202	1487298	43.905	ng	99
80) Butylbenzylphthalate	20.72	149	640134	42.476	ng	100
81) Benzo(a)anthracene	21.67	228	1467321	44.133	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	403793	31.394	ng	100
83) Chrysene	21.74	228	1409727	44.389	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	885788	42.588	ng	99
85) Di-n-octyl phthalate	22.80	149	1511477	43.427	ng	98
86) Indeno(1,2,3-cd)pyrene	28.53	276	1911085	45.899	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	1623898	47.544	ng	99
89) Benzo(k)fluoranthene	23.95	252	1540696	47.666	ng	98
90) Benzo(a)pyrene	24.75	252	1499163	46.908	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1541114	48.878	ng	98
92) Benzo(g,h,i)perylene	29.68	276	1551228	48.696	ng	97

(#) = 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

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Instrument :

BNA_G

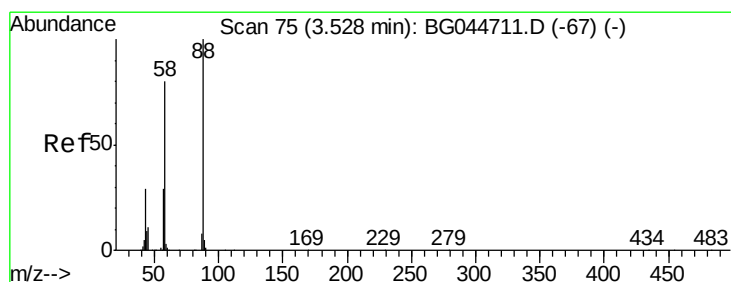
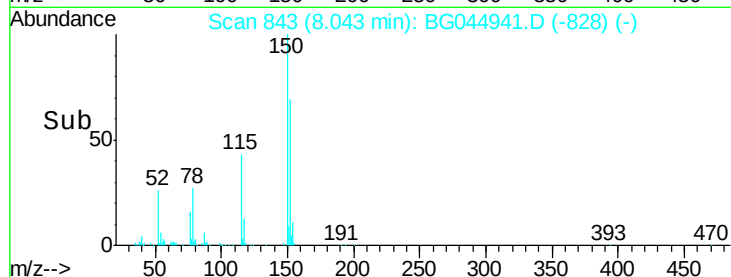
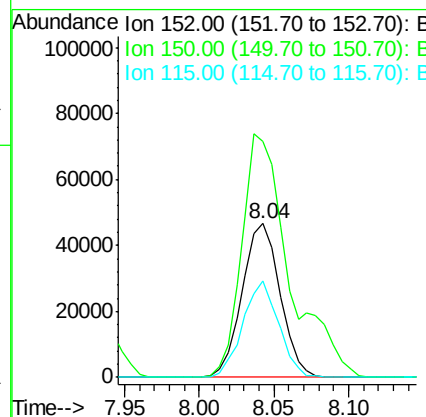
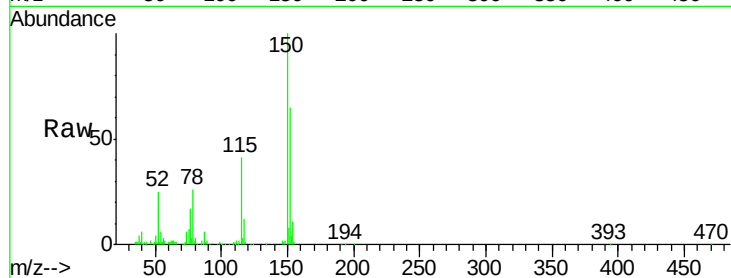
ClientSampleID :

PB127786BS

Tot Ion:	152	Resp:	82231
Ion	Ratio	Lower	Upper
152	100		
150	153.5	128.8	193.2
115	62.7	52.6	79.0

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#2

1,4-Dioxane

Concen: 35.784 ng

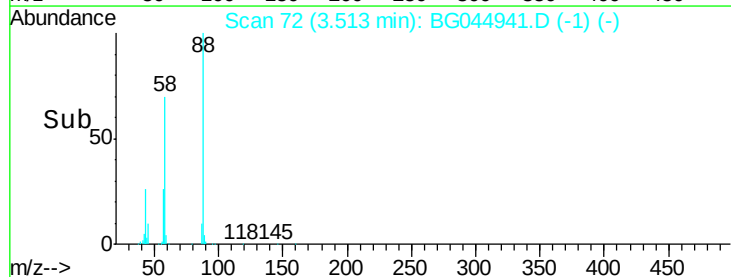
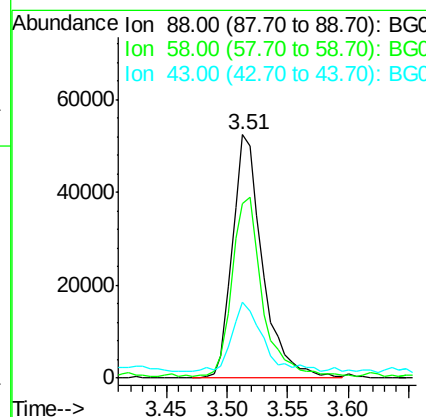
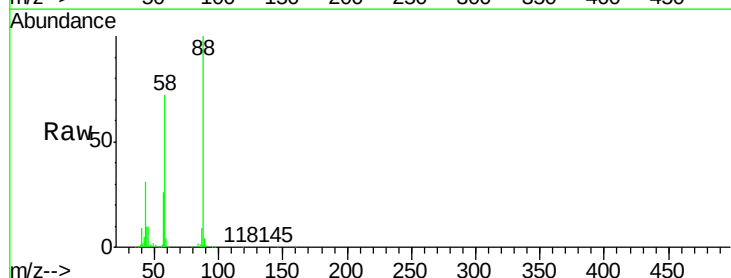
RT: 3.51 min Scan# 72

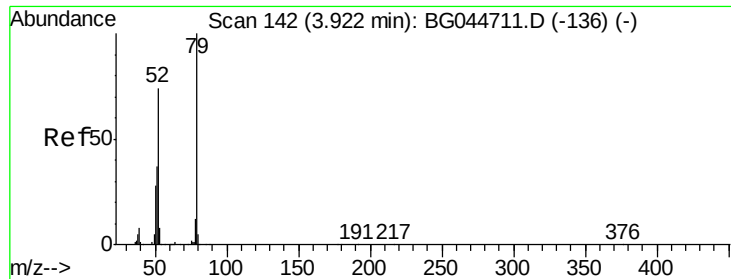
Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	88	Resp:	91027
Ion	Ratio	Lower	Upper
88	100		
58	74.6	63.0	94.4
43	28.8	24.8	37.2





#3

Pvridine

Concen: 34.843 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

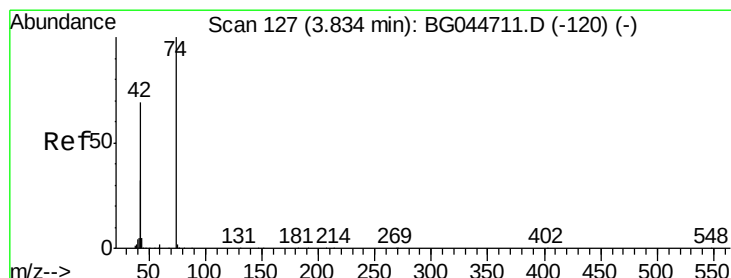
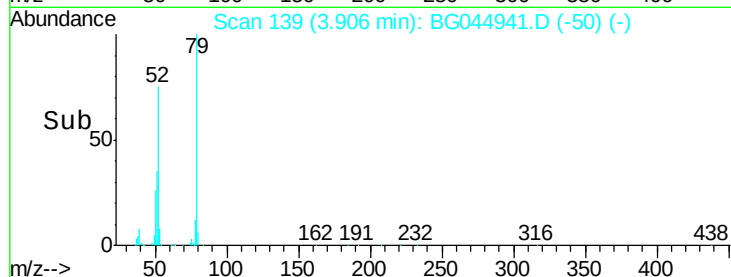
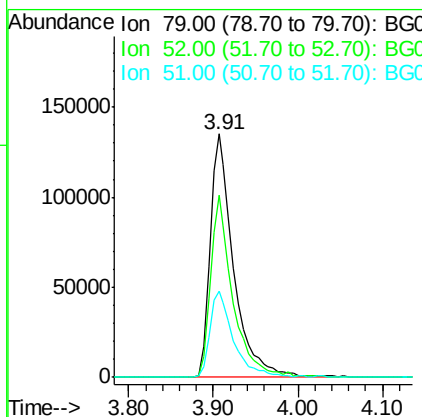
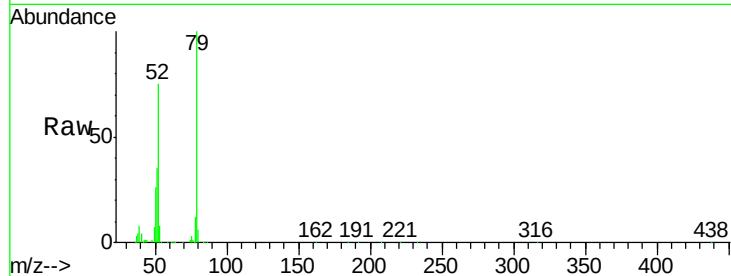
ClientSampleId :

PB127786BS

Tot Ion:	79	Resp:	262385
Ion Ratio	Lower	Upper	
79	100		
52	74.8	56.3	84.5
51	35.2	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 44.702 ng

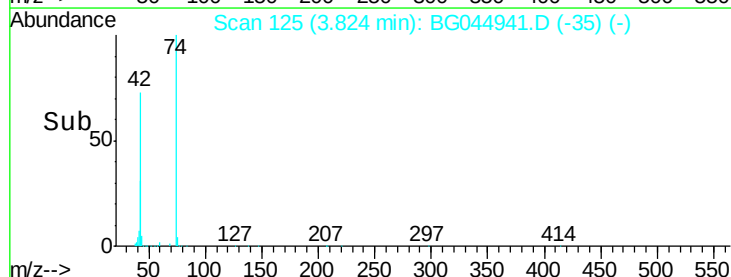
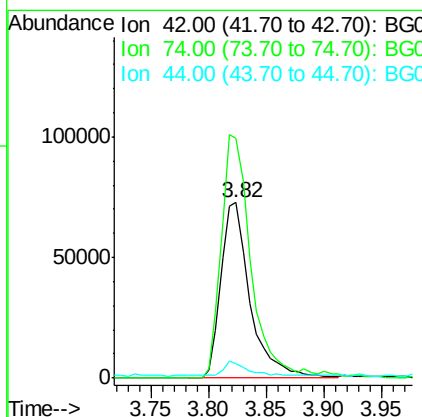
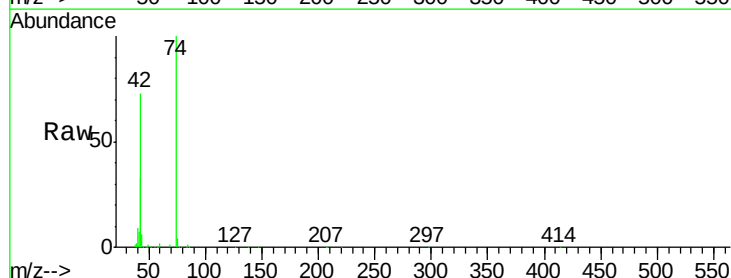
RT: 3.82 min Scan# 125

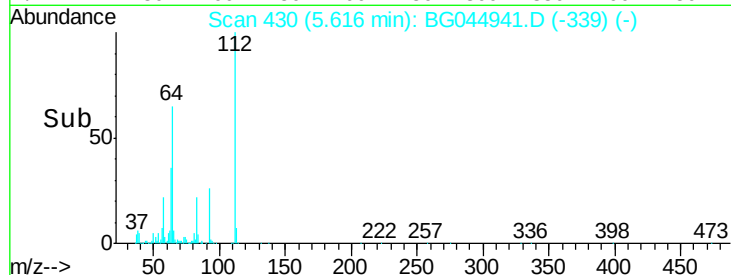
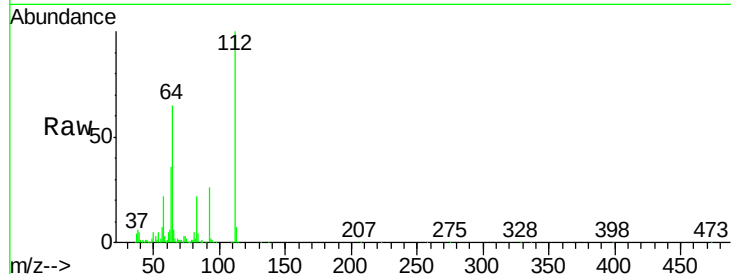
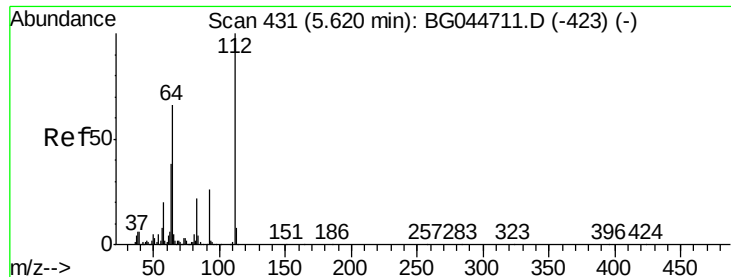
Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	42	Resp:	127724
Ion Ratio	Lower	Upper	
42	100		
74	136.6	109.1	163.7
44	8.5	5.4	8.2#





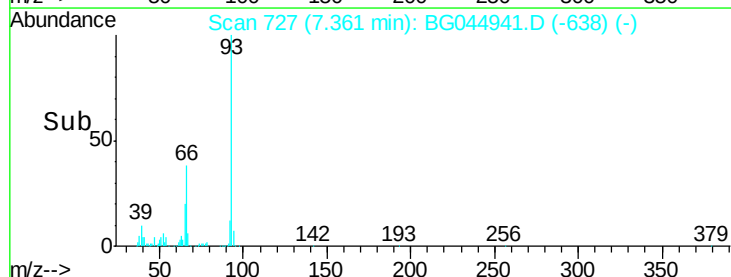
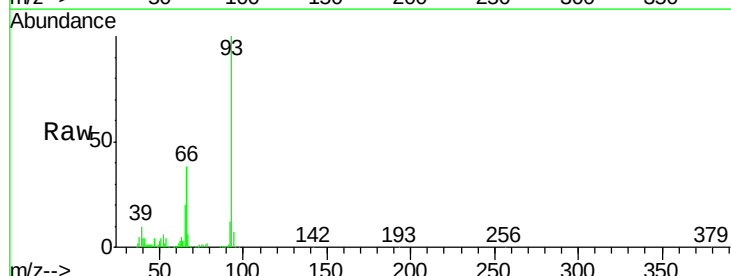
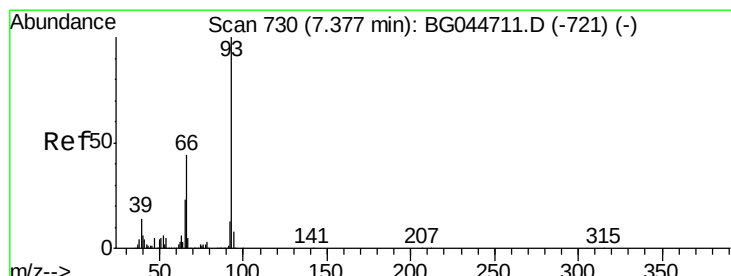
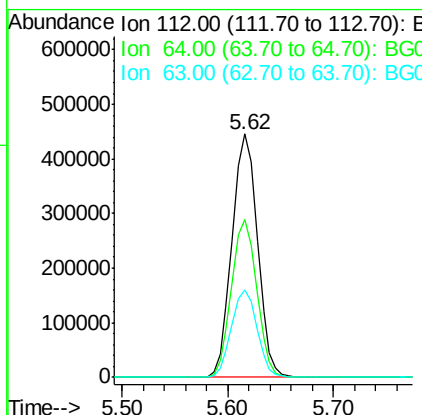
#5
2-Fluorophenol
Concen: 140.691 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tot Ion	Ratio	Resp	Lower	Upper
112	100	743189		
64	64.9	53.4	80.2	
63	35.8	29.4	44.2	

Instrument :
BNA_G
ClientSampleId :
PB127786BS

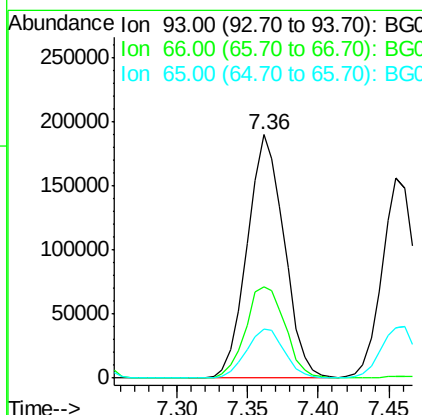
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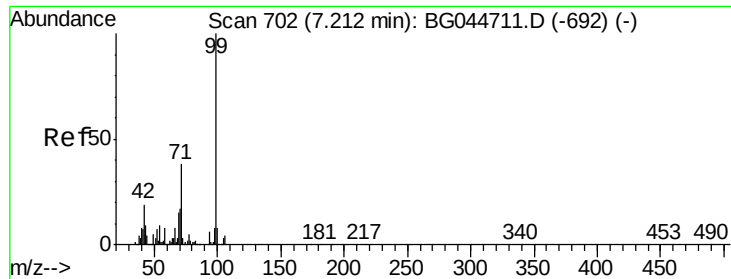
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#6
Aniline
Concen: 36.495 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	348535		
66	37.7	33.7	50.5	
65	20.2	17.7	26.5	





#7

Phenol-d6

Concen: 131.268 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tot Ion: 99 Resp: 1007481

Ion Ratio Lower Upper

99 100

42 18.0 12.6 19.0

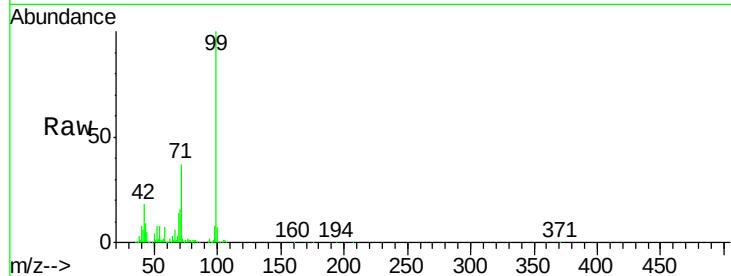
71 37.5 29.0 43.4

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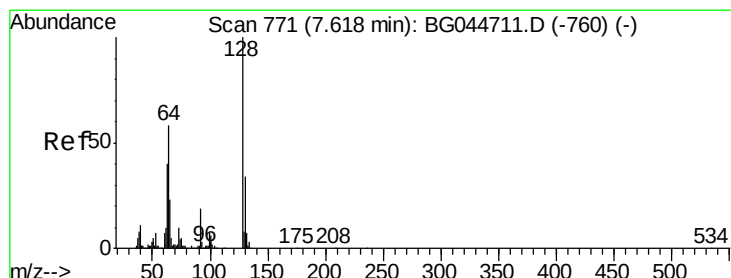
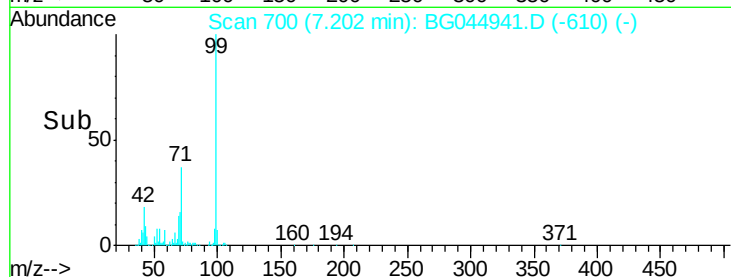
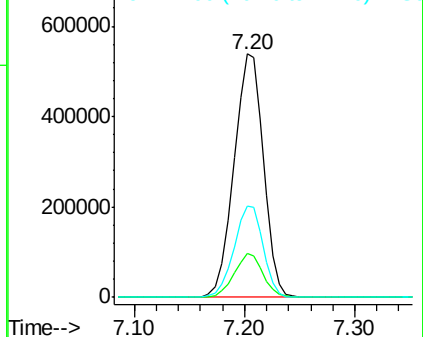
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.470 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

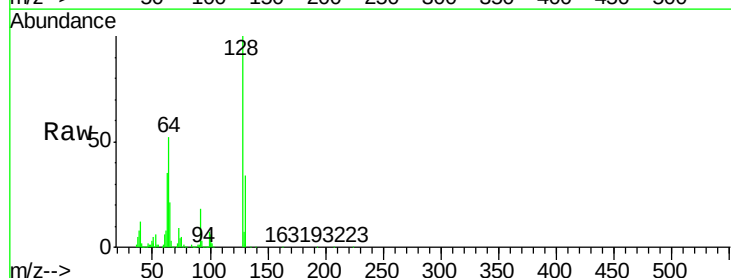
Tgt Ion: 128 Resp: 276687

Ion Ratio Lower Upper

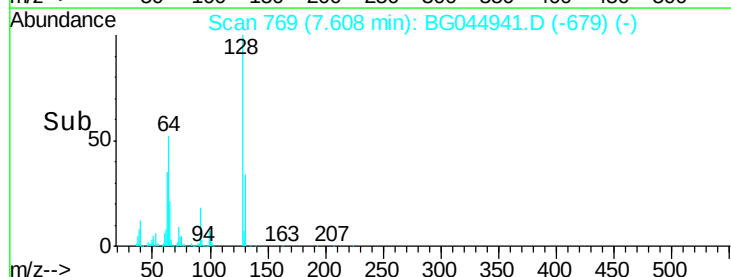
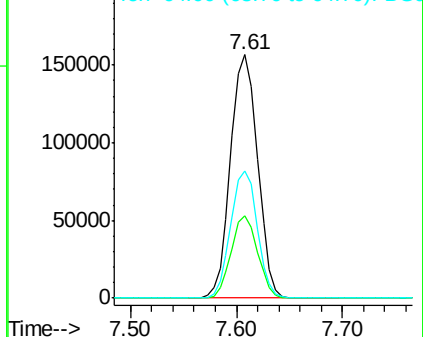
128 100

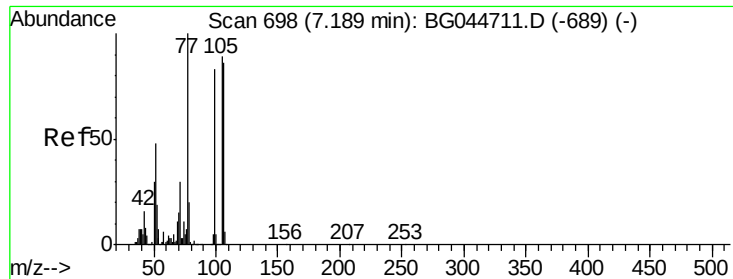
130 33.8 11.6 51.6

64 52.4 34.5 74.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 47.449 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

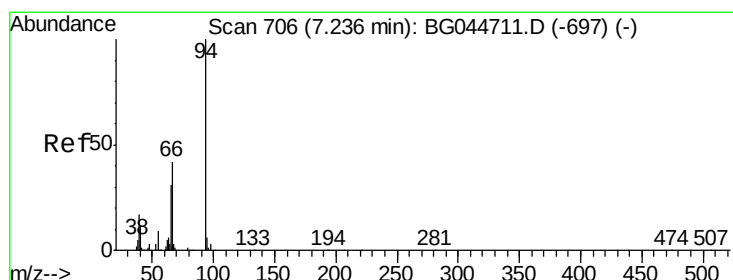
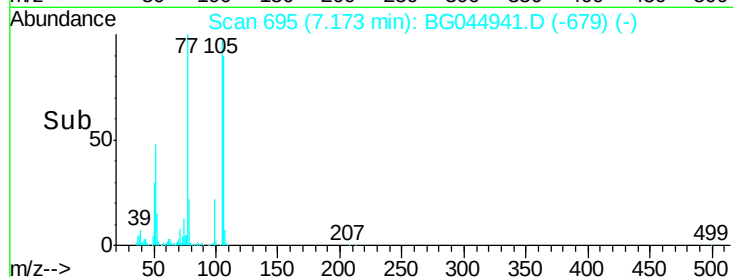
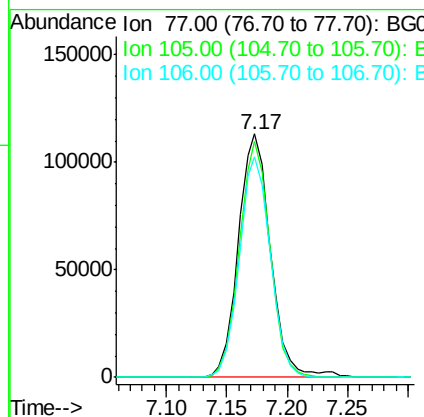
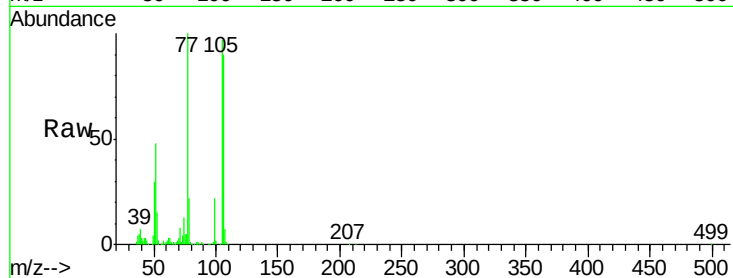
ClientSampleId :

PB127786BS

Tot Ion:	77	Resp:	210533
Ion Ratio	Lower	Upper	
77	100		
105	97.0	69.3	109.3
106	90.4	64.5	104.5

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#10

Phenol

Concen: 48.070 ng

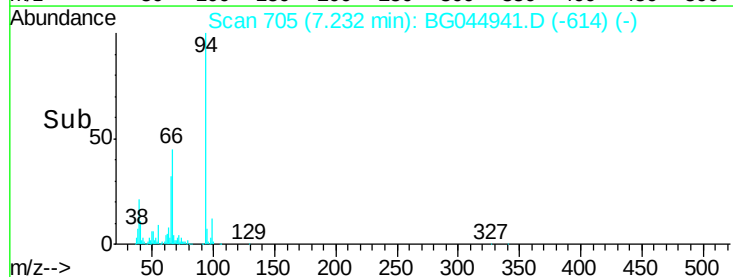
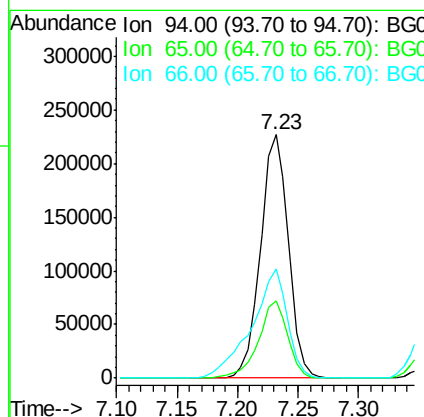
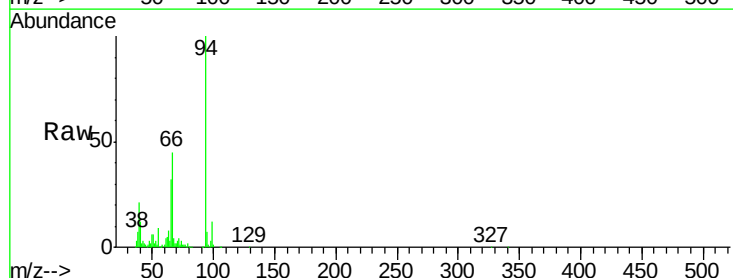
RT: 7.23 min Scan# 705

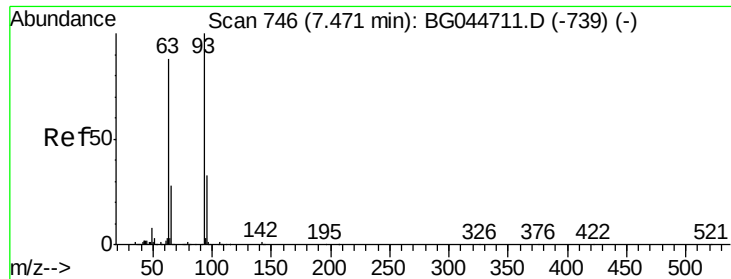
Delta R.T. 0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	94	Resp:	365255
Ion Ratio	Lower	Upper	
94	100		
65	31.7	11.0	51.0
66	45.1	20.1	60.1





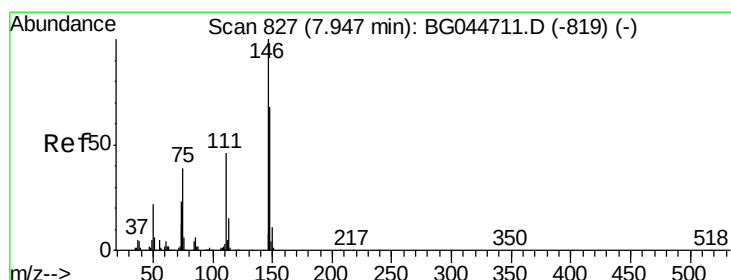
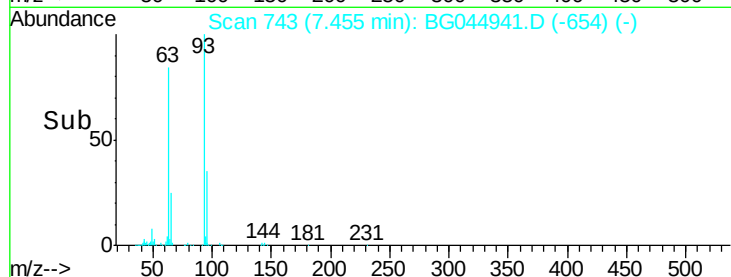
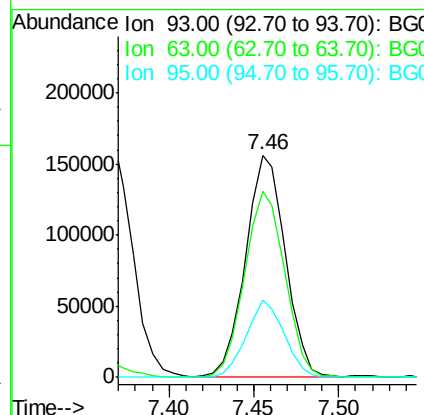
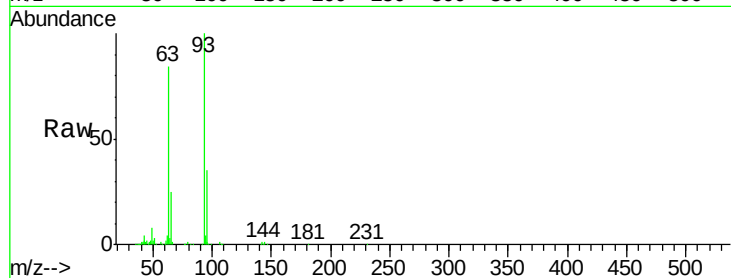
#11
bis(2-Chloroethyl)ether
Concen: 41.946 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		254371		
63	83.6	59.7	99.7		
95	34.9	13.1	53.1		

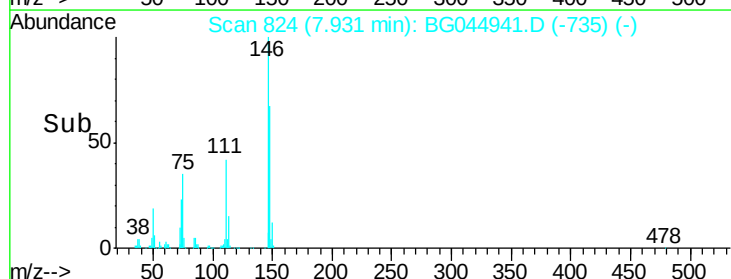
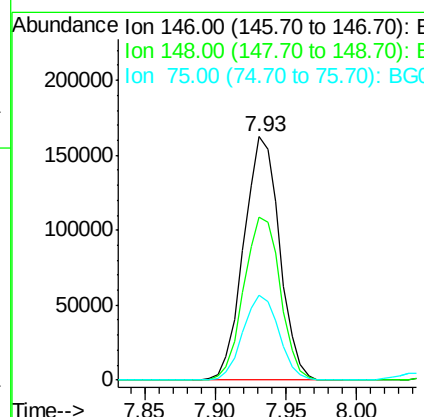
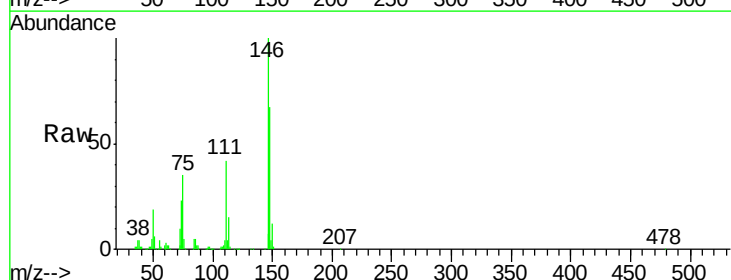
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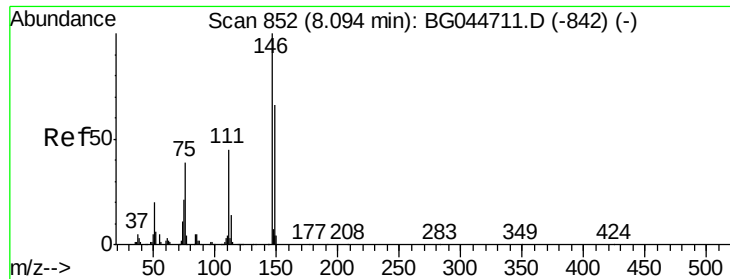
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.461 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		288811		
148	66.7	54.2	81.4		
75	35.1	28.6	42.8		





#13

1,4-Dichlorobenzene

Concen: 45.092 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

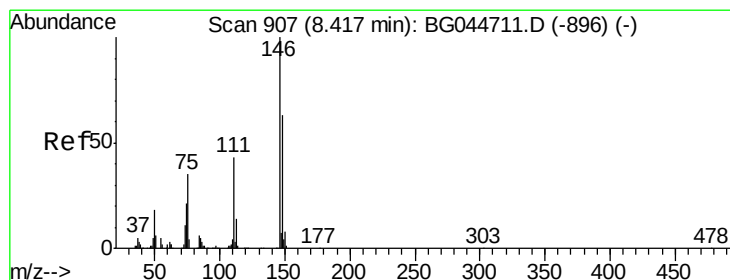
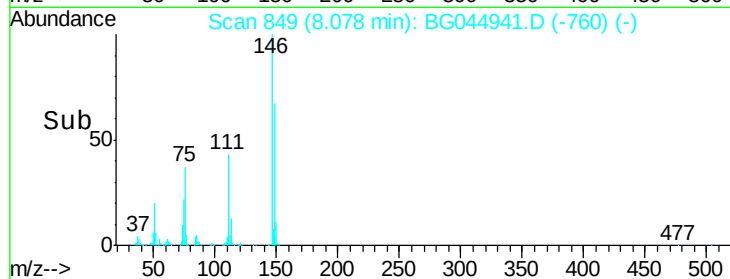
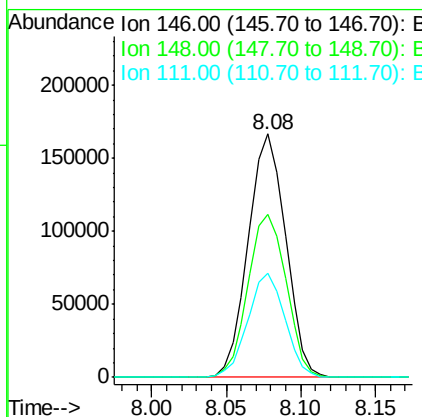
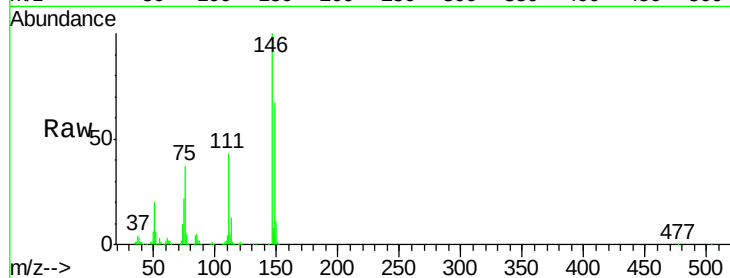
ClientSampleId :

PB127786BS

Tot Ion:	146	Resp:	289581
Ion Ratio	Lower	Upper	
146	100		
148	66.9	53.8	80.6
111	42.8	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 44.796 ng

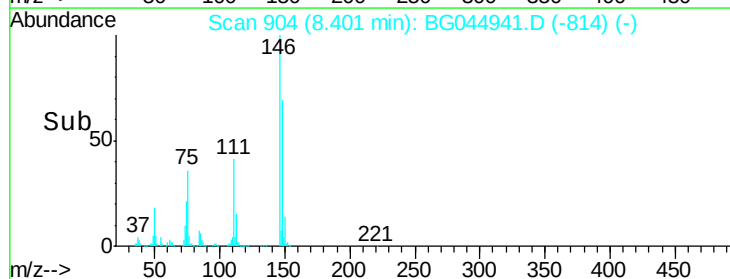
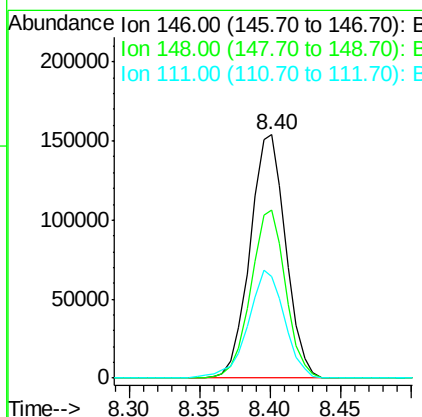
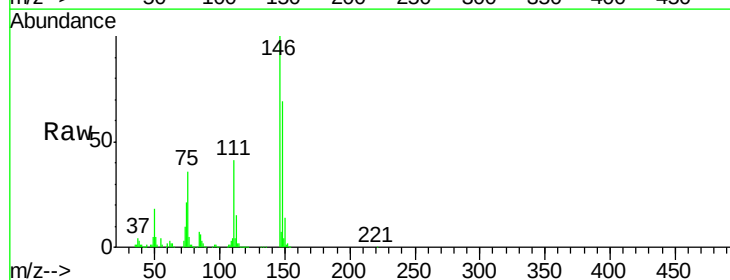
RT: 8.40 min Scan# 904

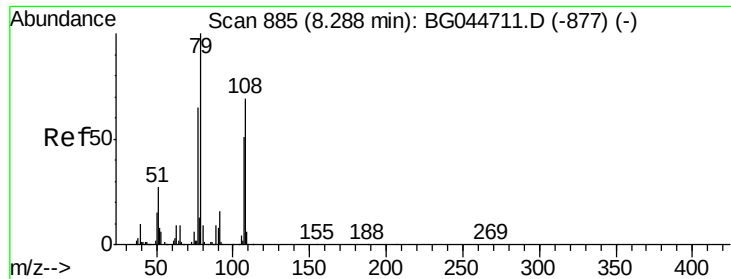
Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	146	Resp:	272835
Ion Ratio	Lower	Upper	
146	100		
148	68.9	52.1	78.1
111	41.5	33.4	50.2





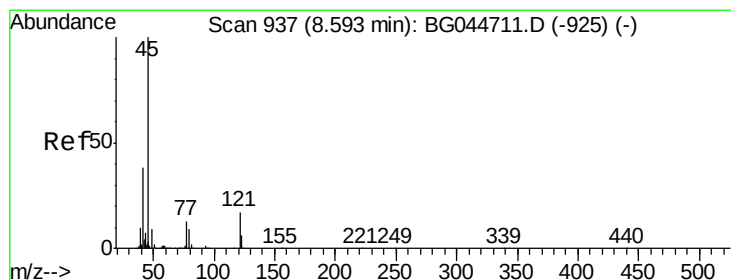
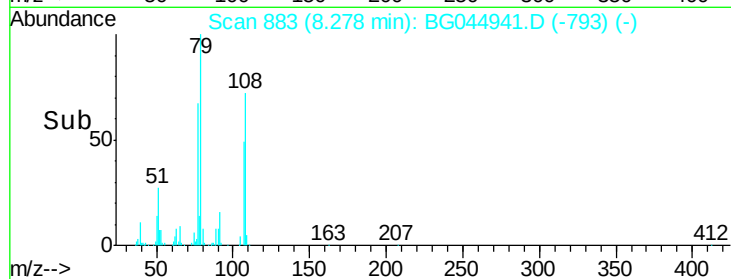
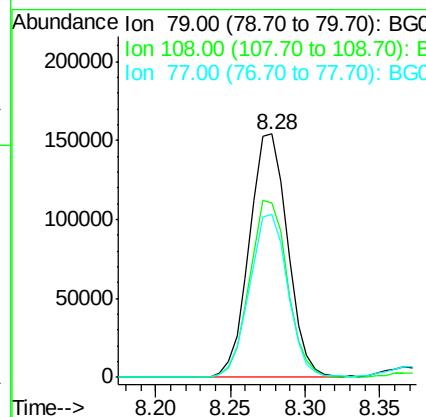
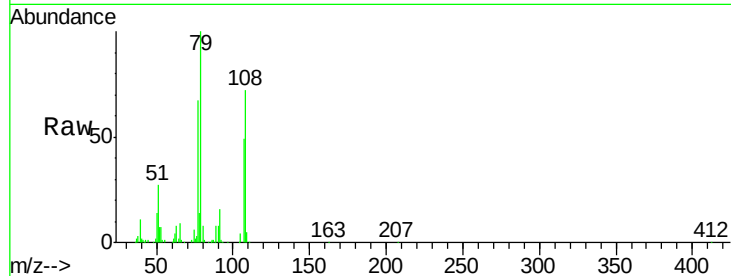
#15
Benzyl Alcohol
Concen: 44.421 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	53.8	80.8
77	66.8	47.8	71.8

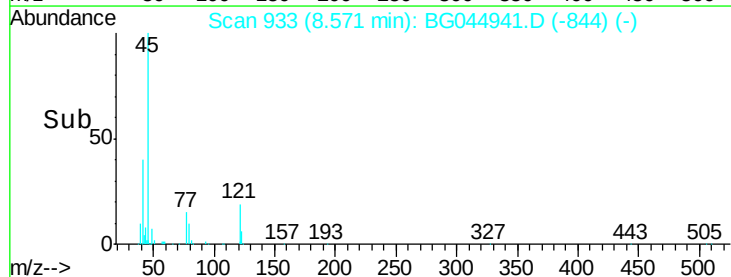
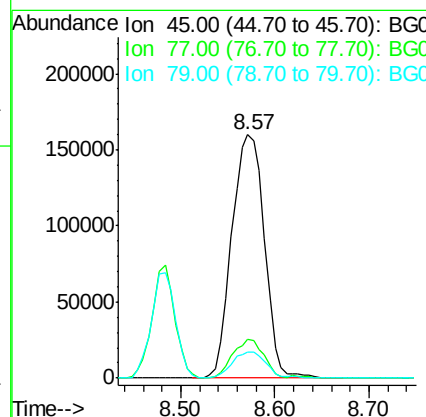
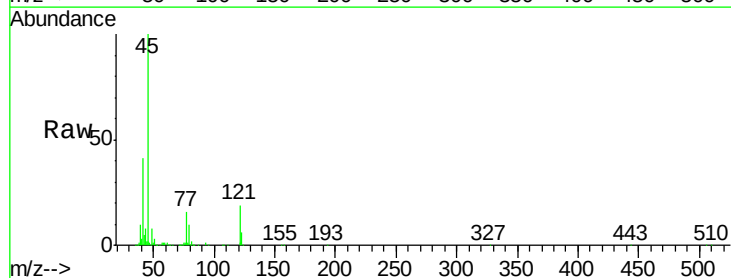
Manual Integrations
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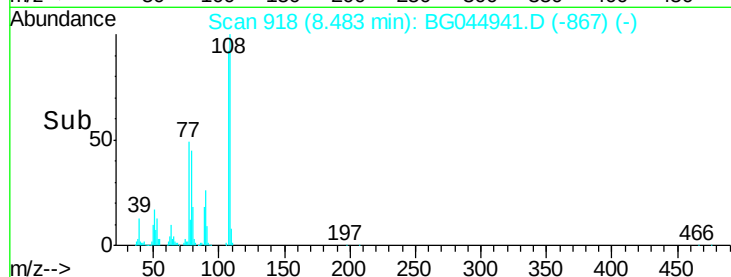
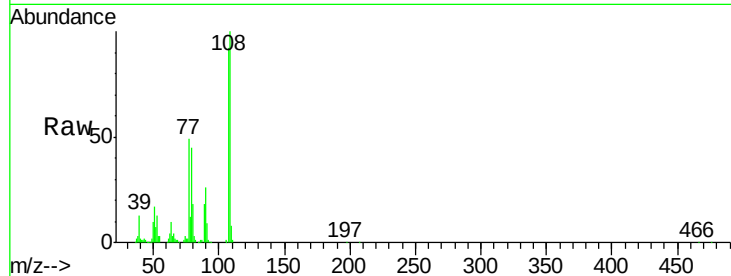
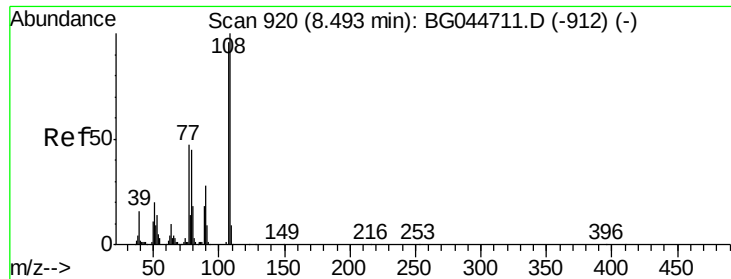
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.885 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	33.9
79	10.5	0.0	30.8





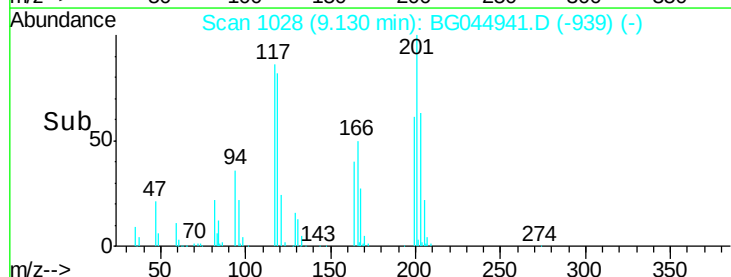
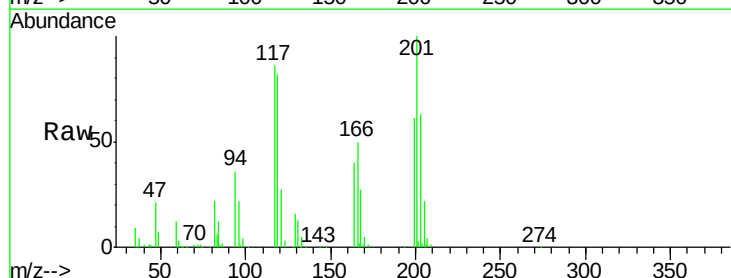
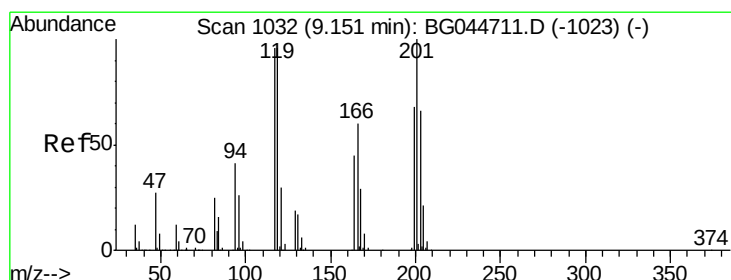
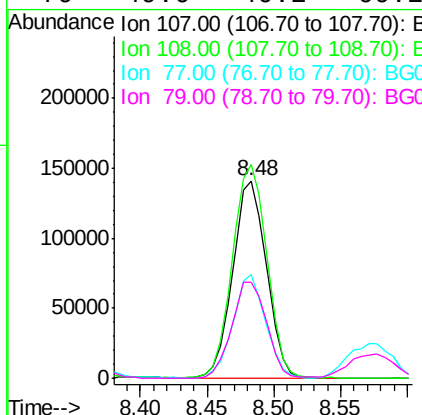
#17
2-Methylphenol
Concen: 48.117 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	91.8	137.8	
77	52.7	40.0	60.0	
79	49.0	40.2	60.2	

Instrument :
BNA_G
ClientSampleId :
PB127786BS

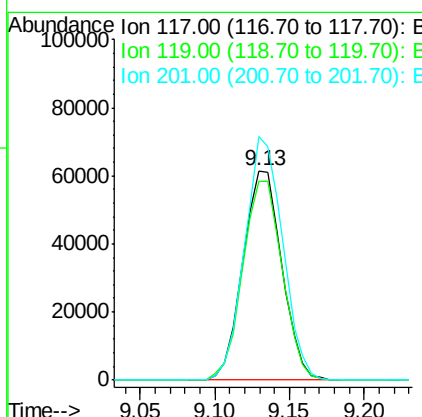
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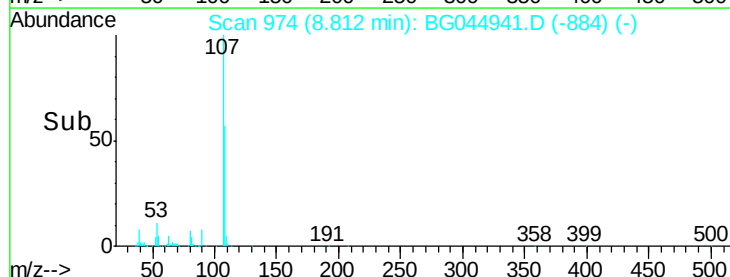
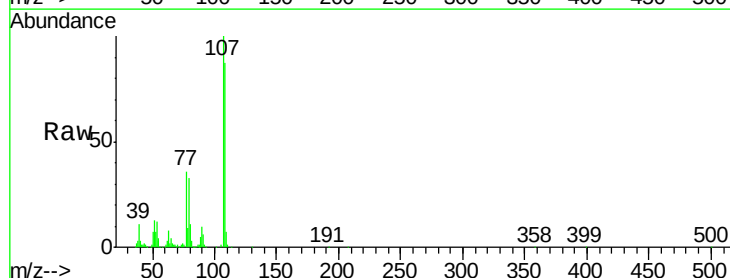
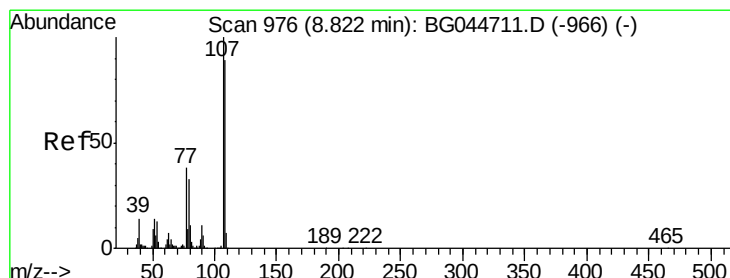
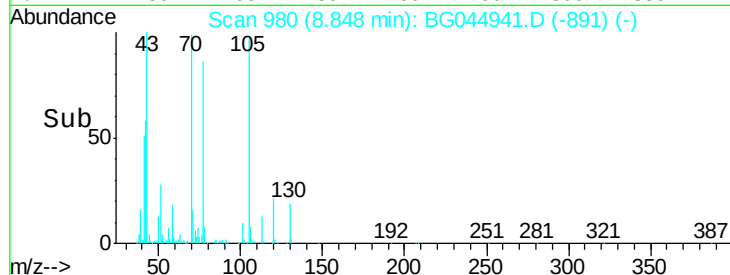
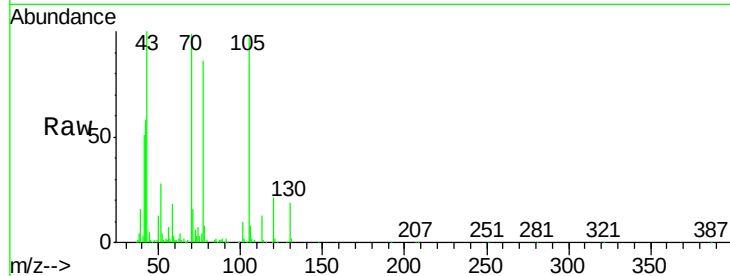
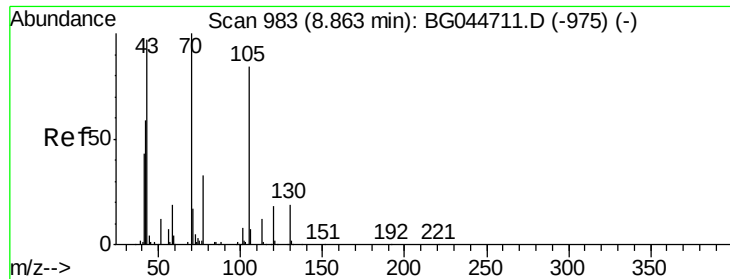
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#18
Hexachloroethane
Concen: 43.992 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

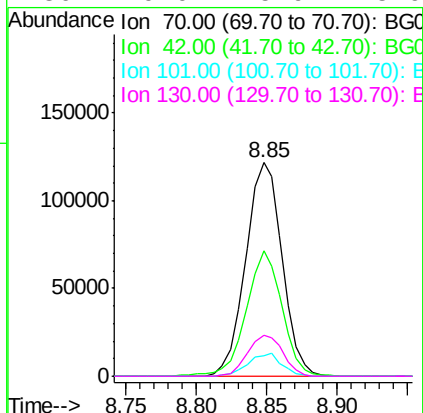
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.2	112.8	
201	116.1	81.1	121.7	





#19
n-Nitroso-di-n-propylamine
Concen: 40.646 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		220275		
42	58.7	45.7	68.5		
101	9.9	7.4	11.2		
130	19.0	15.9	23.9		



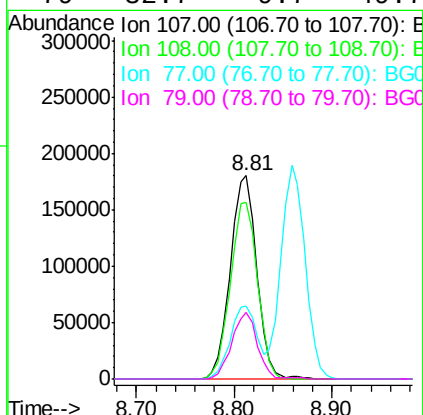
Instrument :
BNA_G
ClientSampleId :
PB127786BS

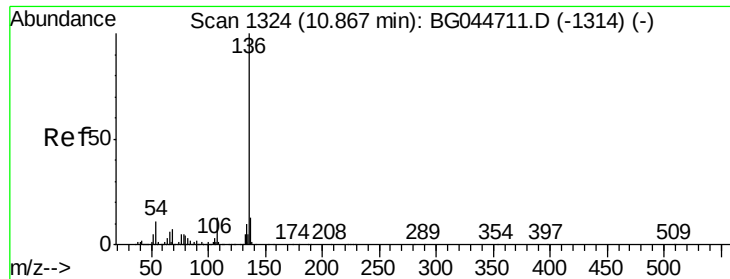
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#20
3+4-Methylphenols
Concen: 47.751 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		338801		
108	87.1	71.3	111.3		
77	36.0	16.9	56.9		
79	32.7	9.7	49.7		





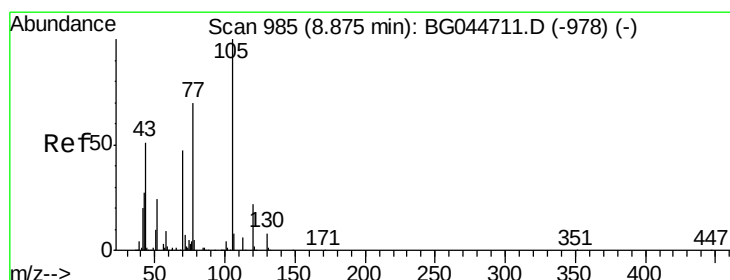
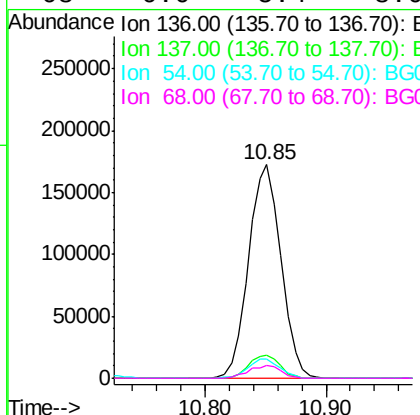
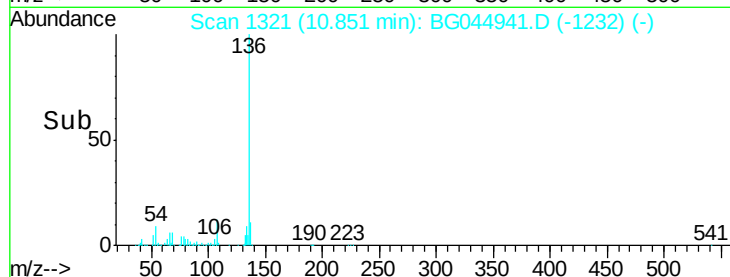
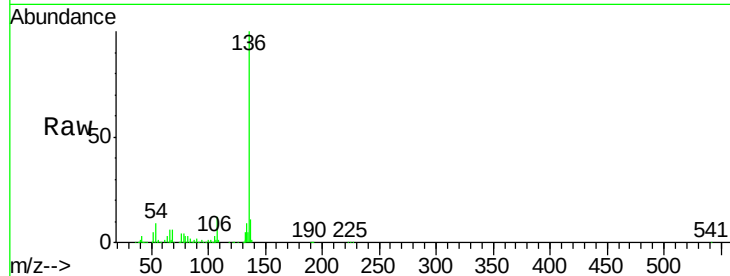
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	320433		
137	10.9		9.8	14.6
54	8.9		7.9	11.9
68	6.0		5.4	8.0

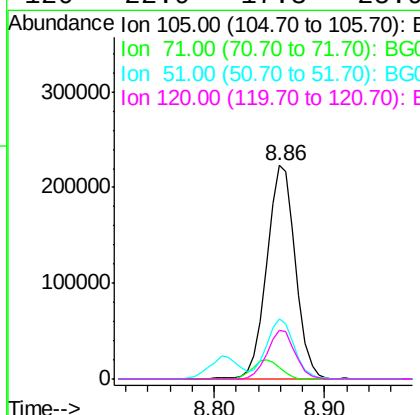
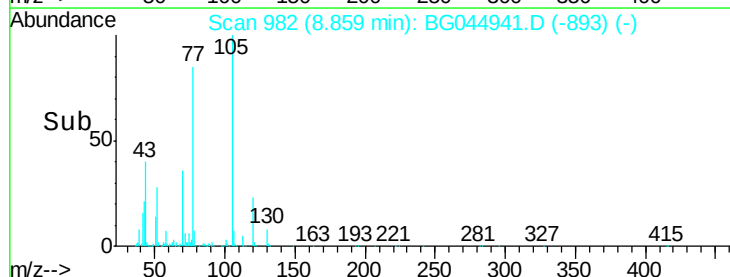
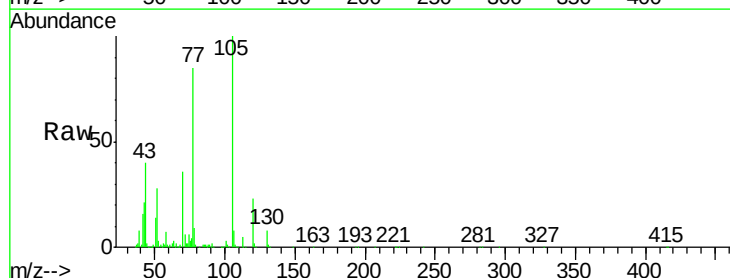
Manual Integrations
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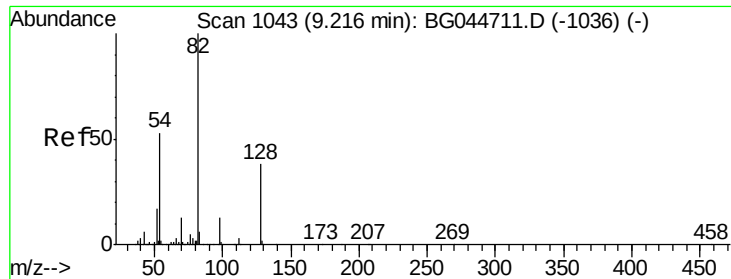
mohammad
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#22
Acetophenone
Concen: 44.458 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	403583		
71	5.6		3.9	5.9
51	28.3		22.6	33.8
120	22.9		17.3	25.9





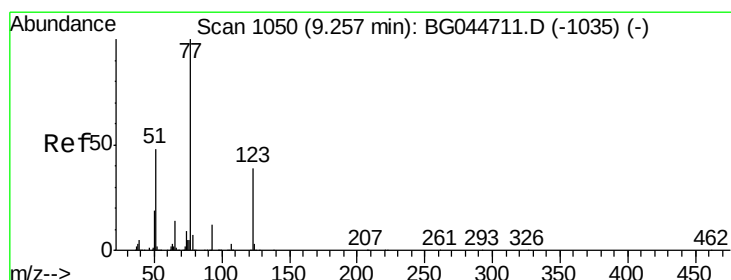
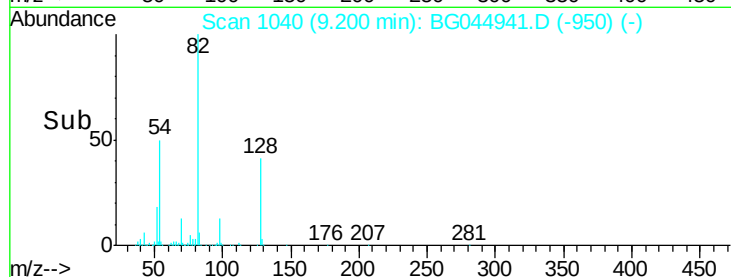
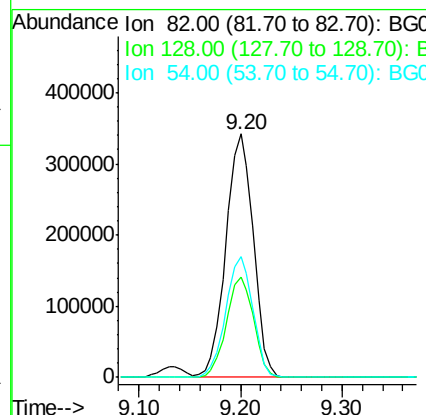
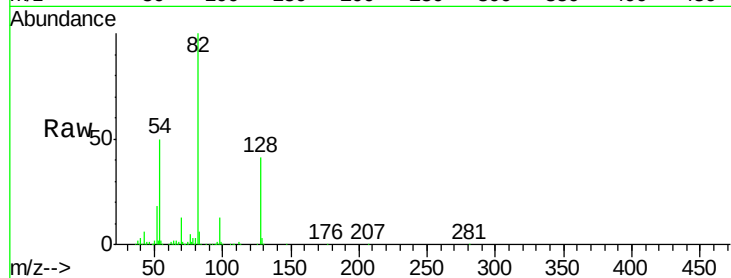
#23
 Nitrobenzene-d5
 Concen: 87.856 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.6	46.0
54	49.6	37.1	55.7

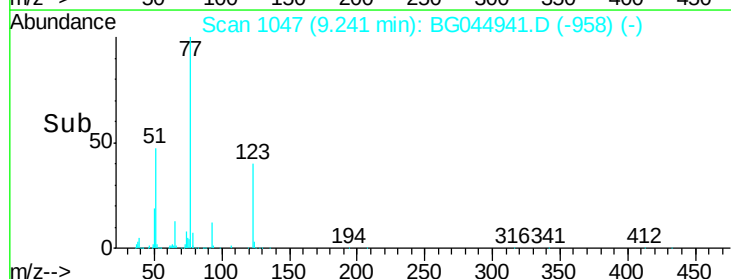
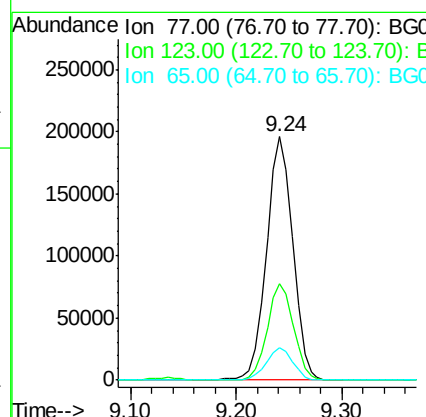
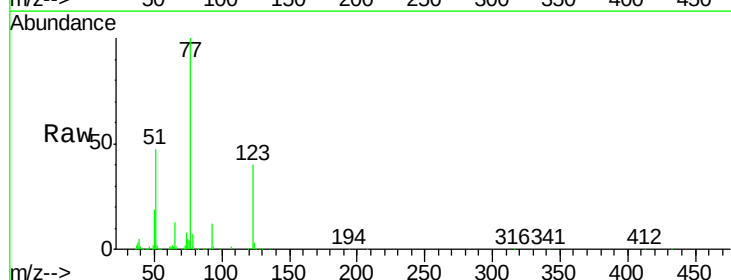
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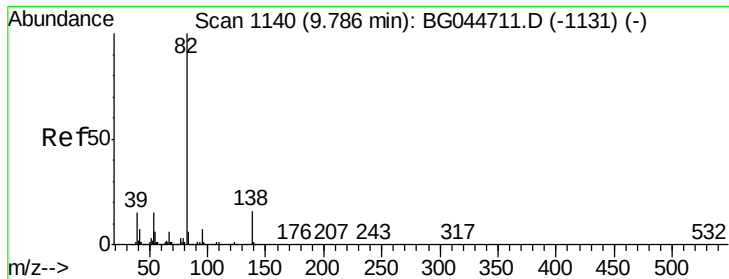
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#24
 Nitrobenzene
 Concen: 44.703 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.3	46.9
65	13.1	11.4	17.0





#25

Isophorone

Concen: 42.942 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

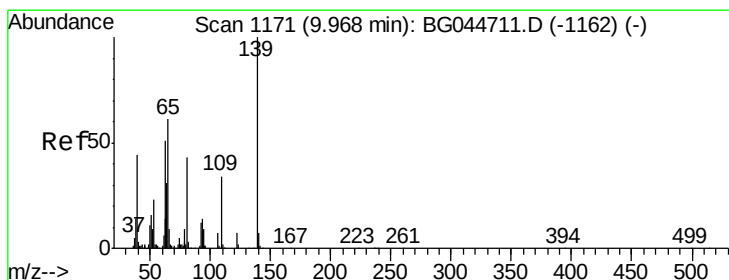
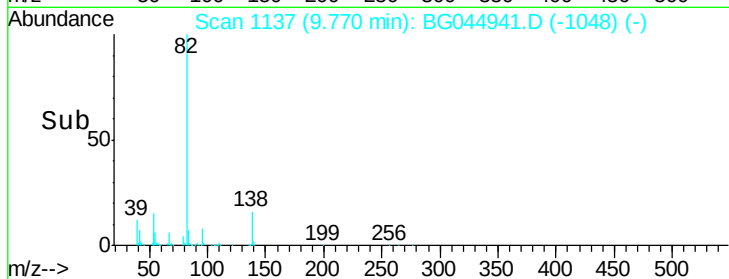
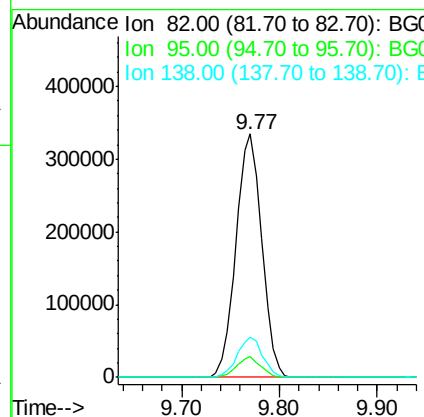
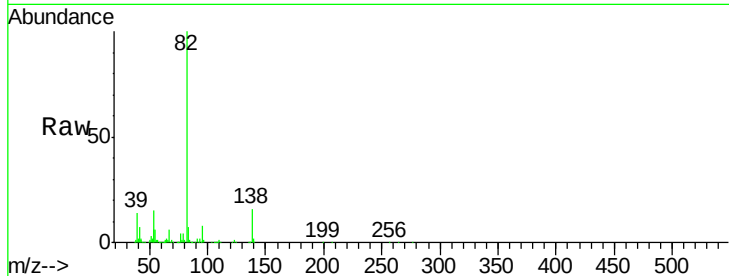
ClientSampleId :

PB127786BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.5	8.3#
138	16.4	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.907 ng

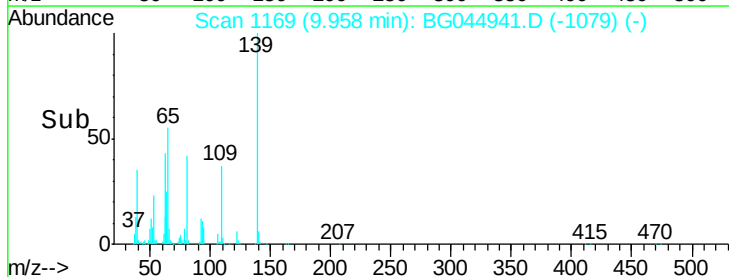
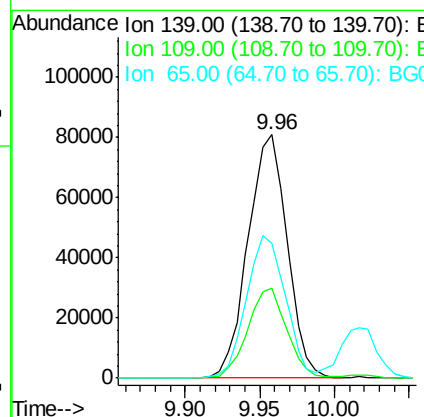
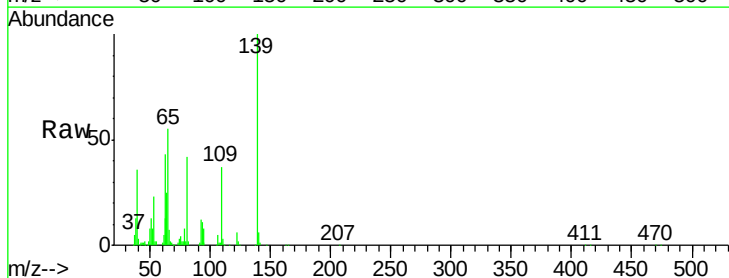
RT: 9.96 min Scan# 1169

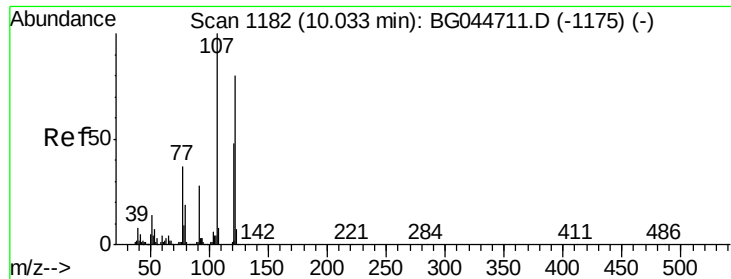
Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	36.8	30.2	45.4
65	55.4	46.3	69.5





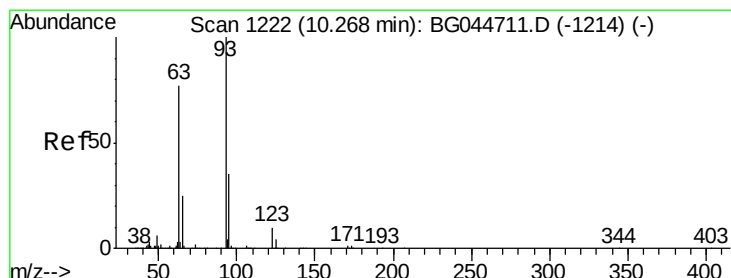
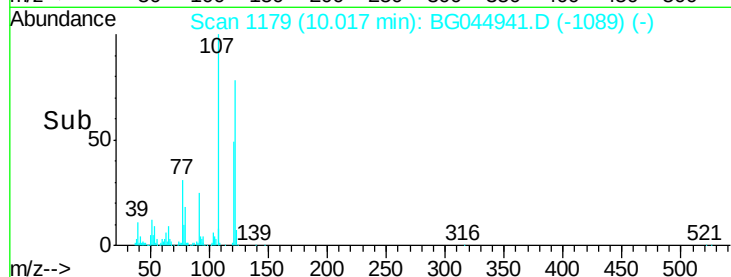
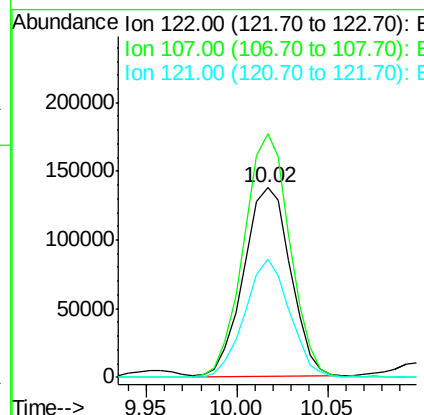
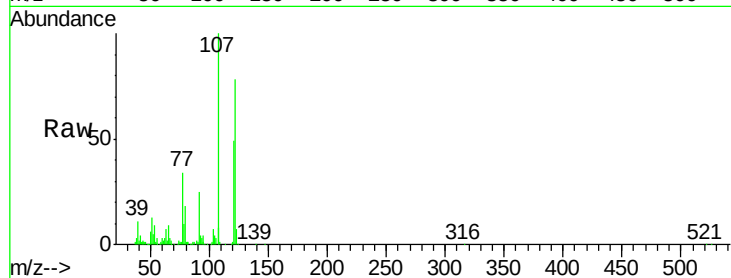
#27
2,4-Dimethylphenol
Concen: 53.377 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.4	107.1	160.7
121	62.3	46.8	70.2

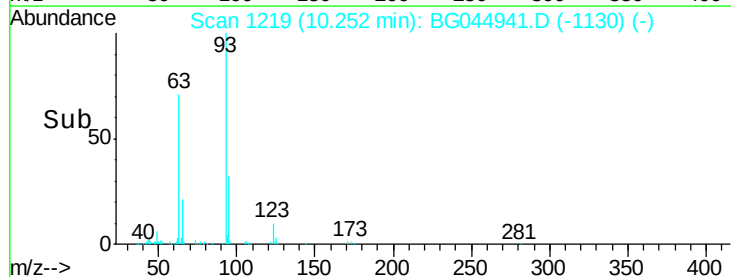
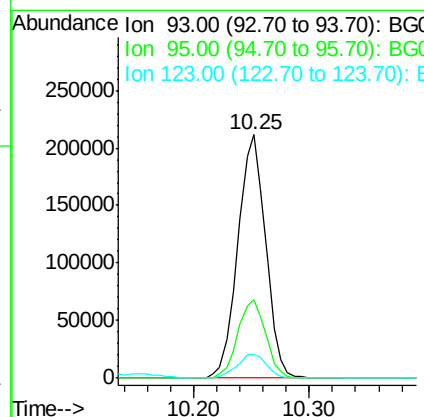
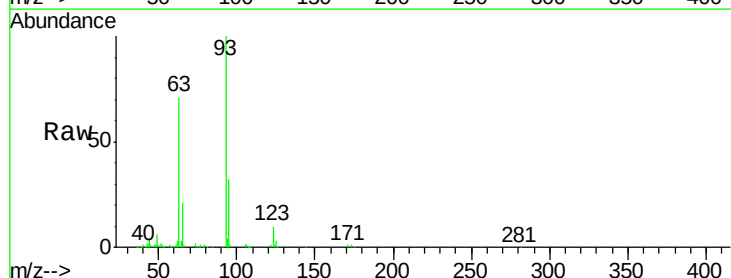
Manual Integrations
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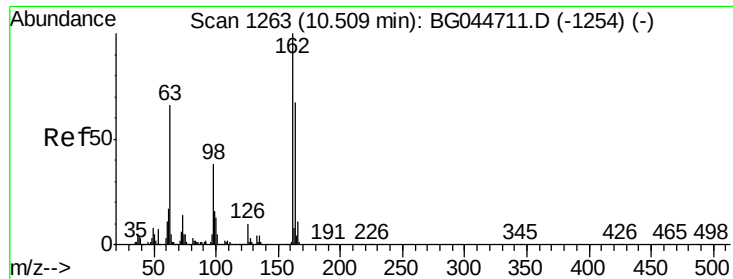
mohammad
3/25/2020 12:27:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.347 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	9.8	8.4	12.6





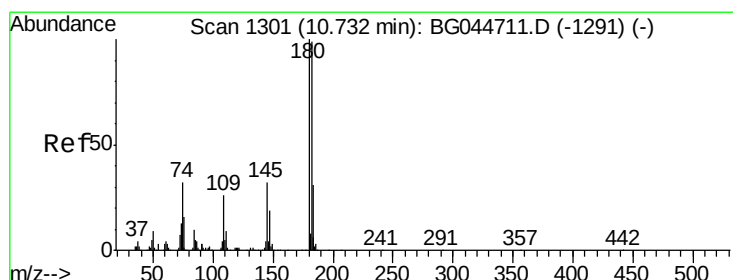
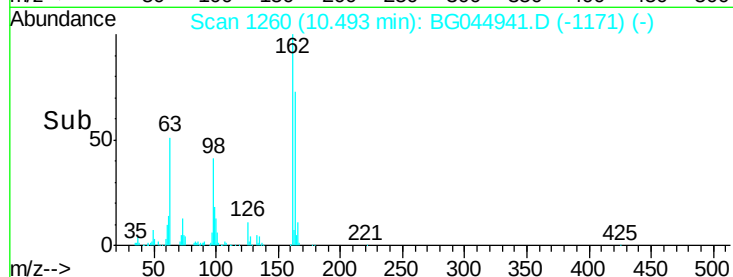
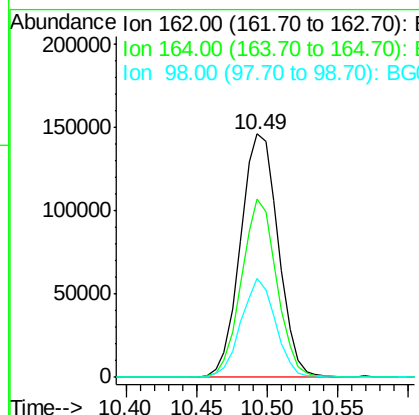
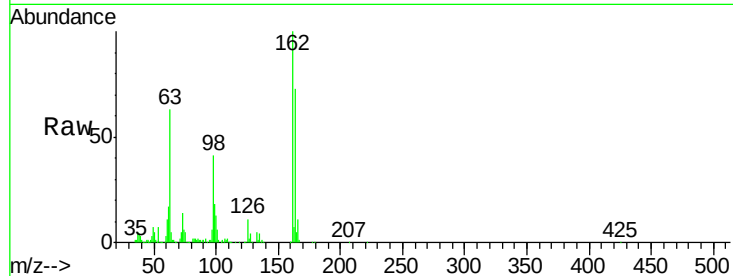
#29
2,4-Dichlorophenol
Concen: 50.479 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	73.0	45.2	85.2
98	40.8	19.0	59.0

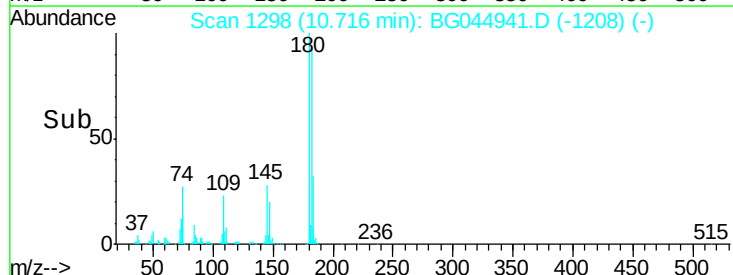
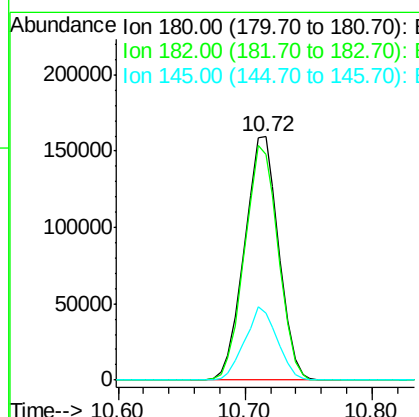
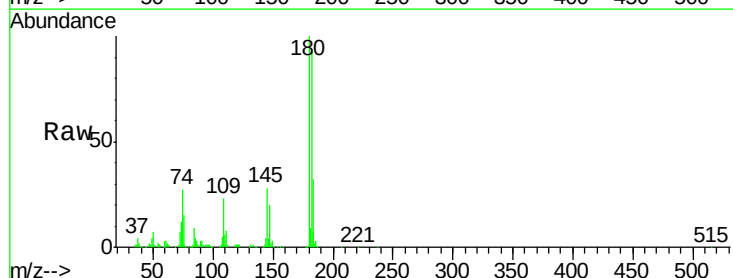
Manual Integrations
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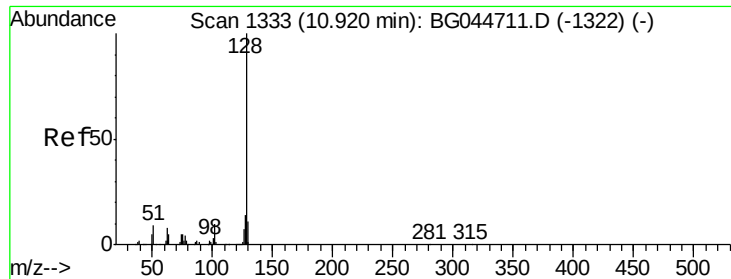
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.061 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.7	71.6	107.4
145	27.8	23.4	35.0





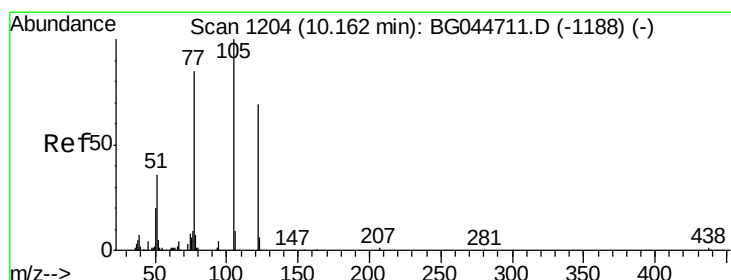
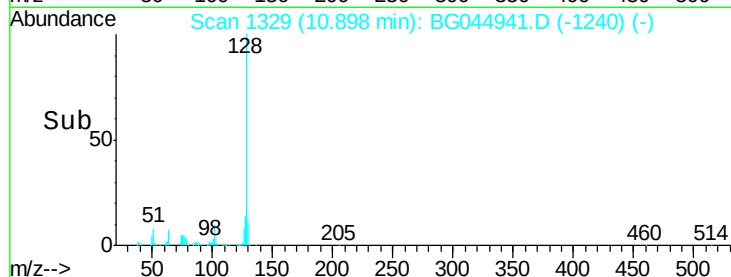
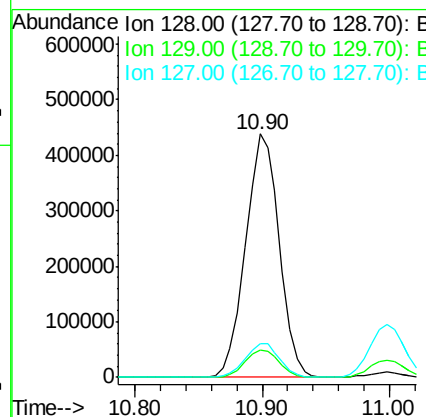
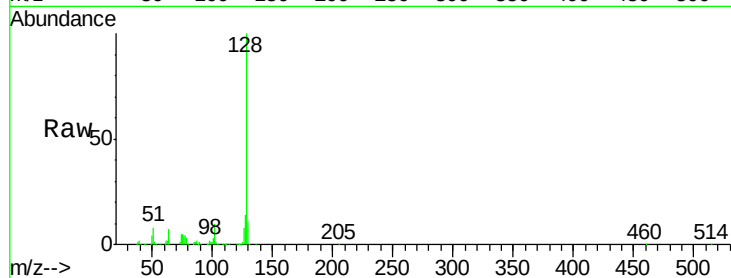
#31
Naphthalene
Concen: 45.293 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.0	10.8	16.2

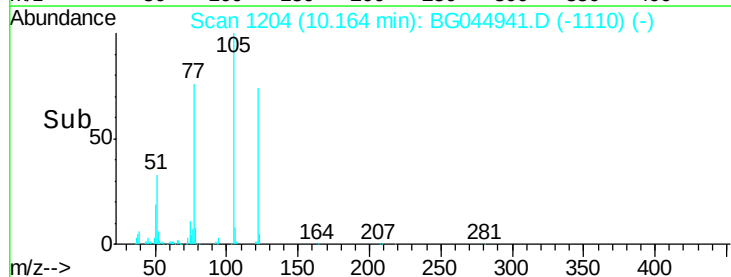
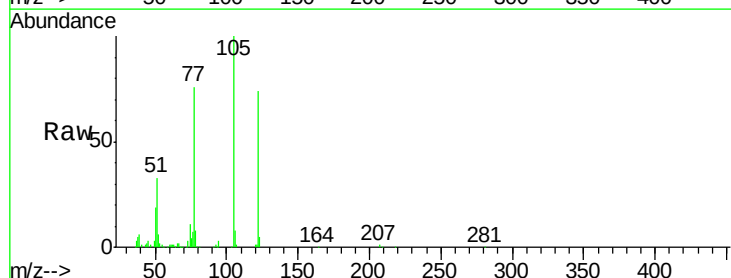
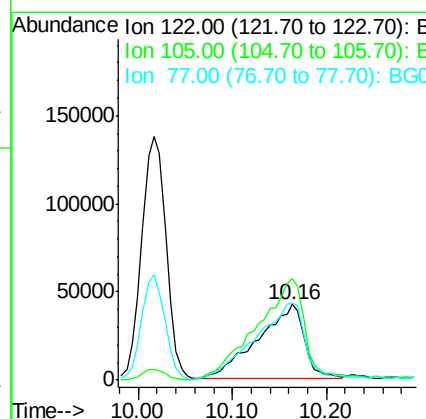
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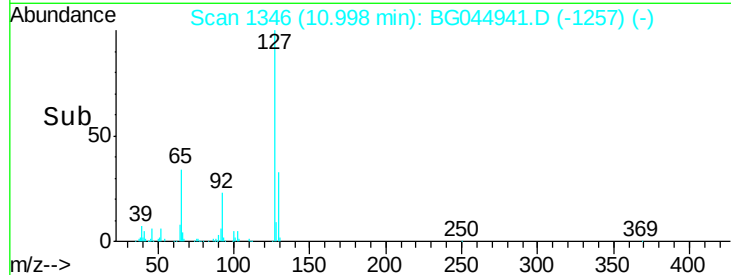
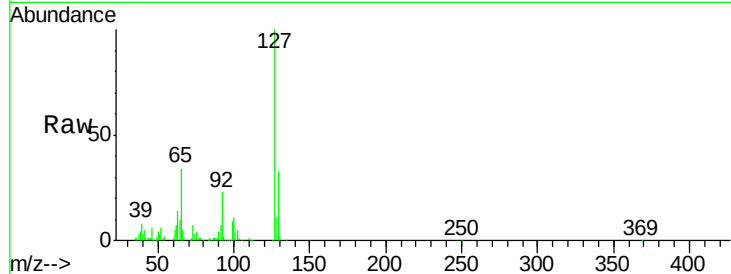
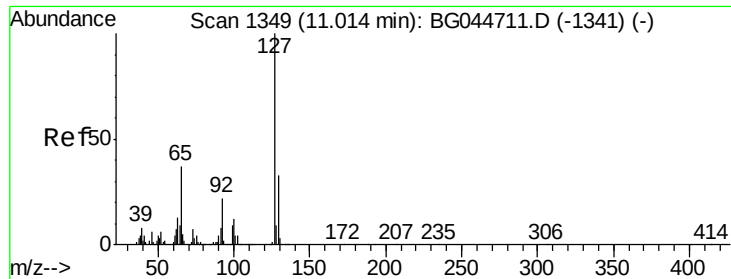
mohammad
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#32
Benzoic acid
Concen: 41.426 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.9	109.1	149.1
77	101.9	85.3	125.3





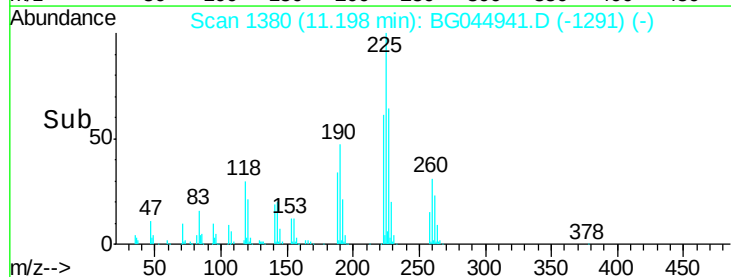
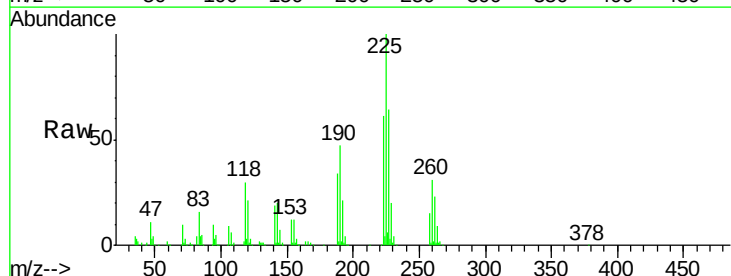
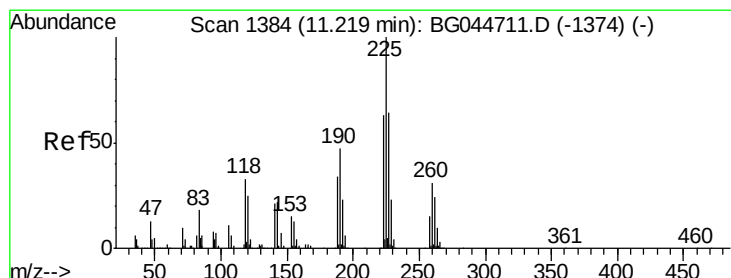
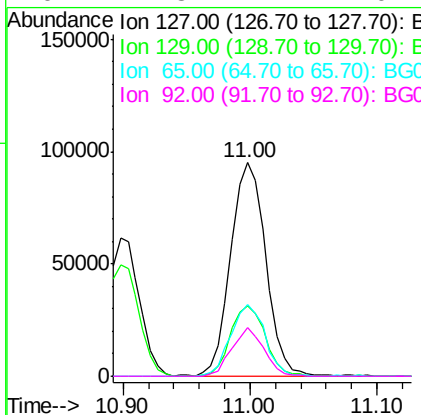
#33
4-Chloroaniline
Concen: 22.721 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.8	26.9	40.3
65	33.9	27.7	41.5
92	22.8	17.4	26.2

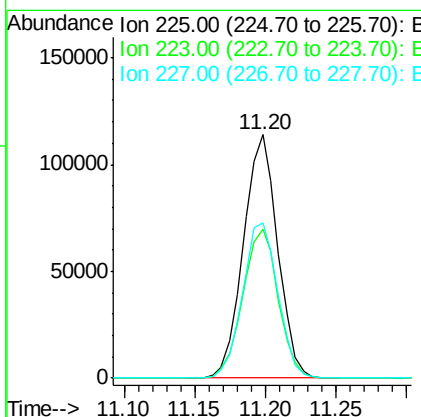
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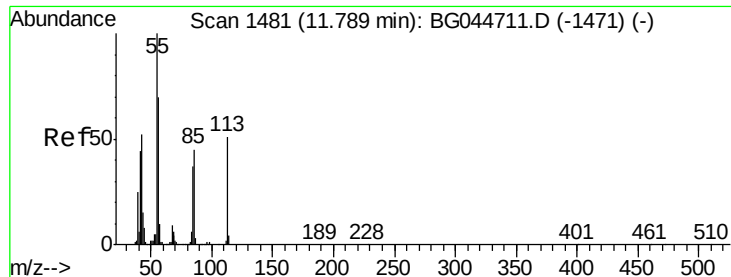
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#34
Hexachlorobutadiene
Concen: 45.411 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.1	47.4	71.0
227	63.6	50.8	76.2





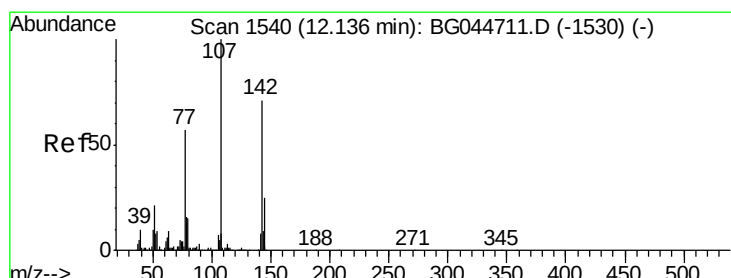
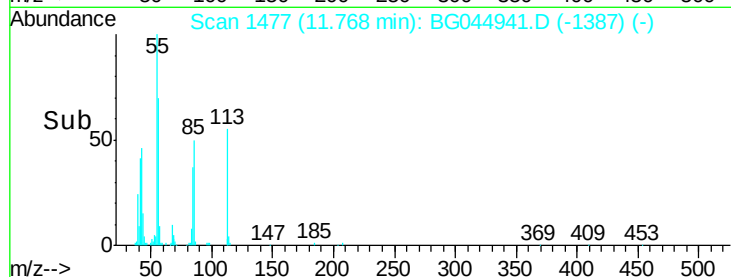
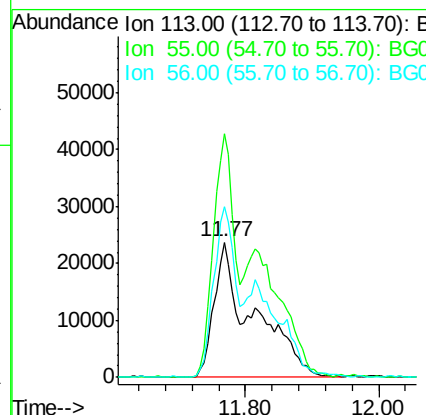
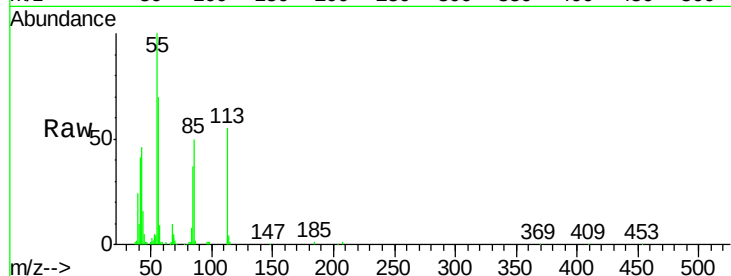
#35
Caprolactam
Concen: 47.003 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleID :
PB127786BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.5	173.8	213.8
56	126.2	113.8	153.8

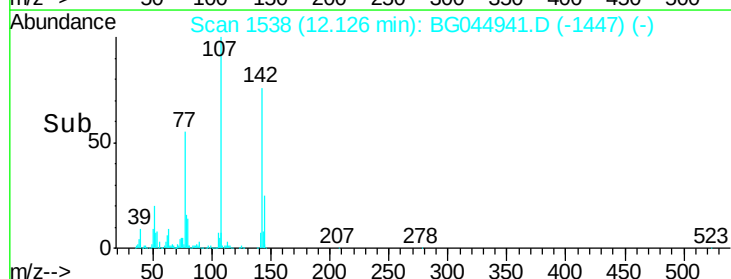
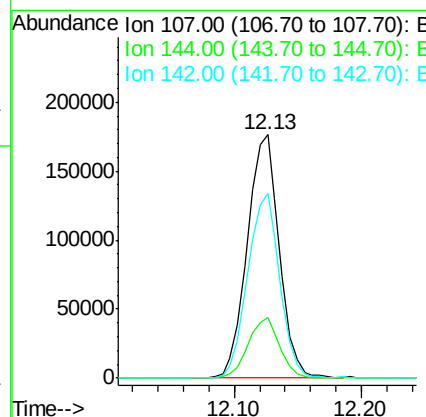
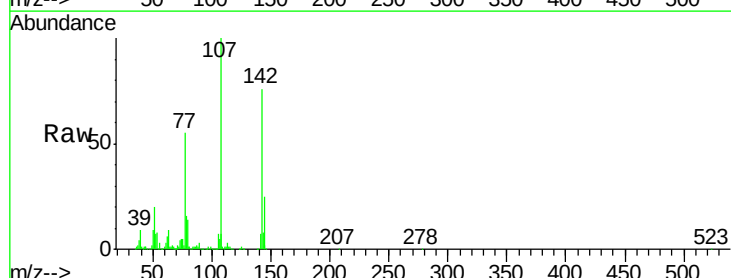
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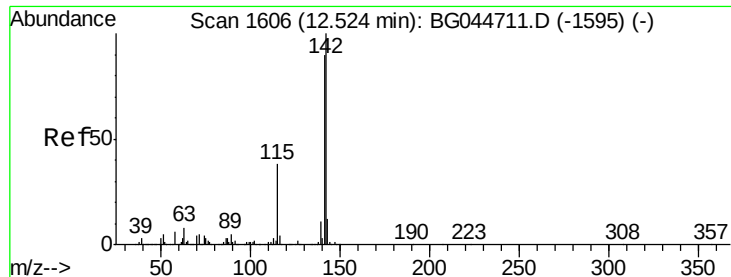
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.753 ng/ml
RT: 12.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	18.0	27.0
142	76.0	59.0	88.4





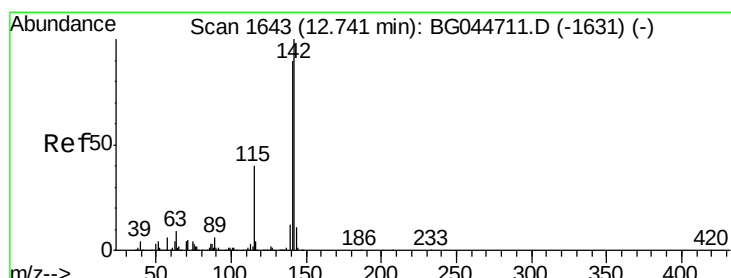
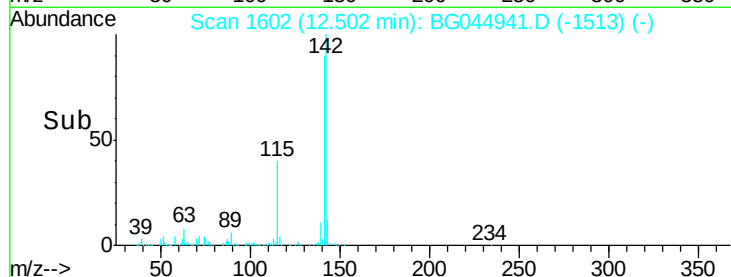
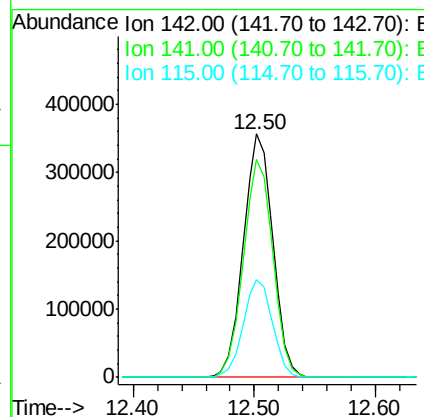
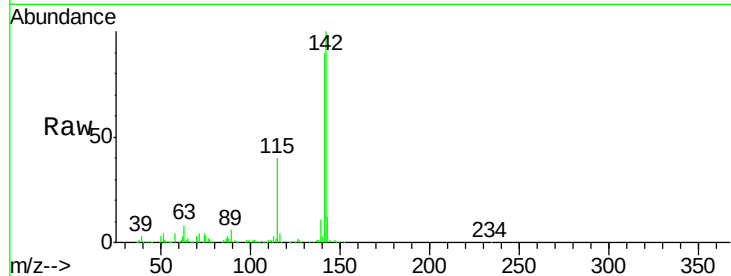
#37
2-Methylnaphthalene
Concen: 45.697 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.1	112.7
115	40.2	30.6	46.0

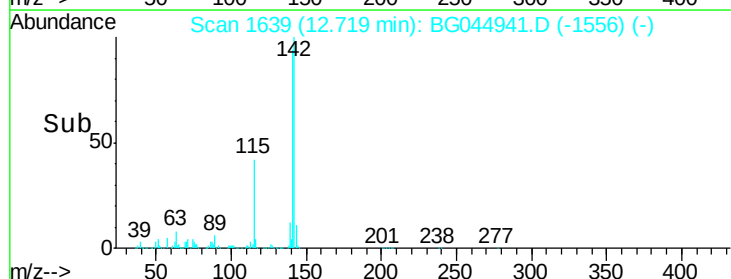
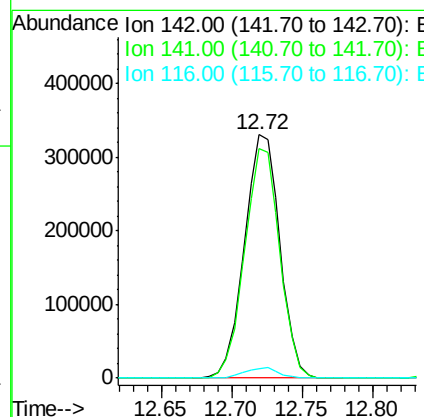
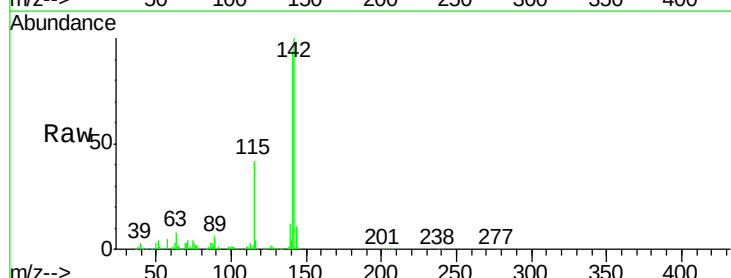
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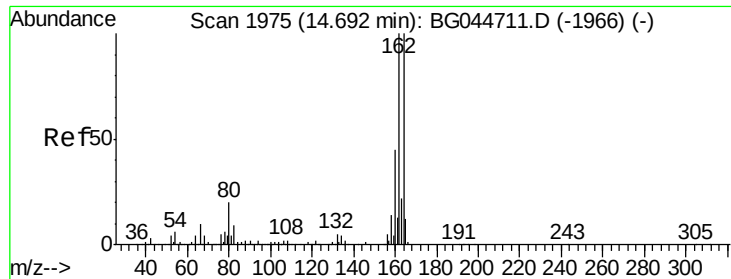
mohammad
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#38
1-Methylnaphthalene
Concen: 46.416 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.7	112.1
116	4.1	3.3	4.9





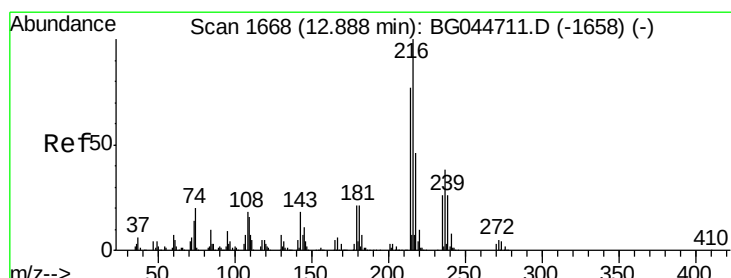
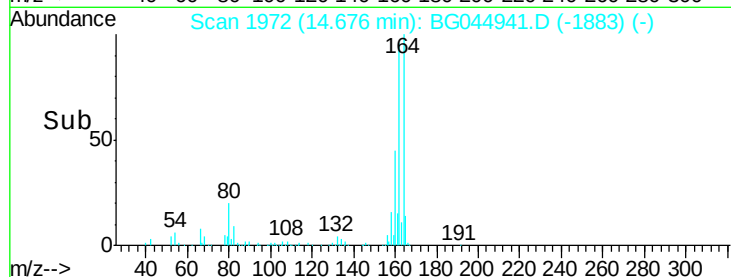
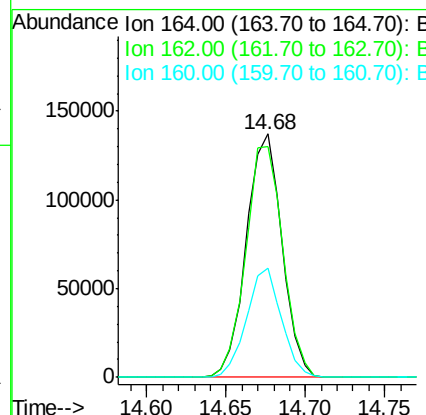
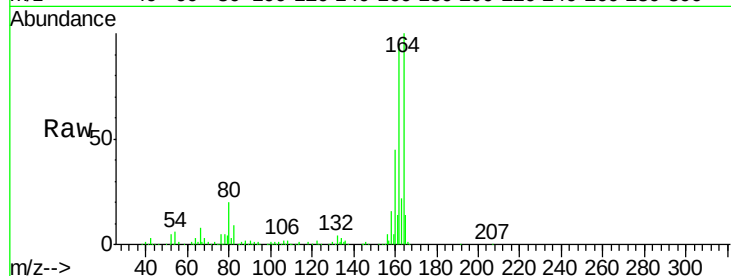
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.7	115.1
160	44.7	35.0	52.4

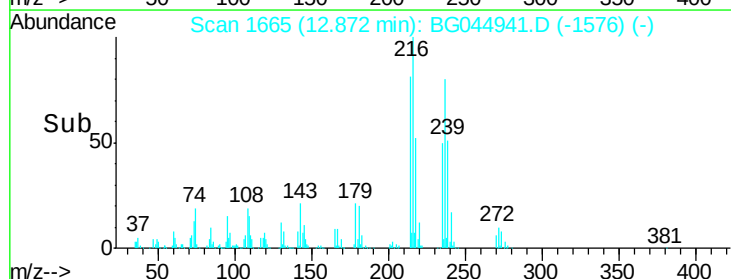
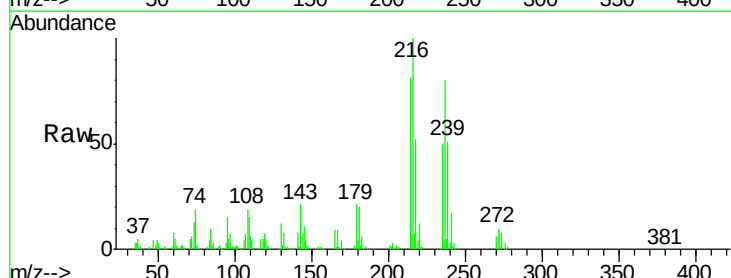
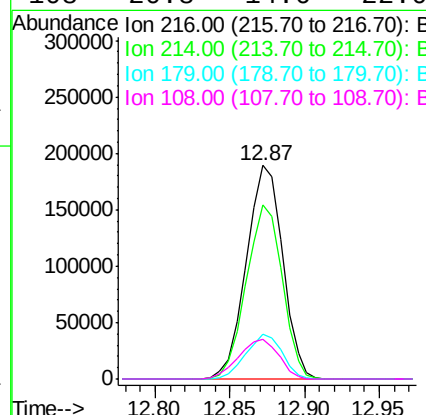
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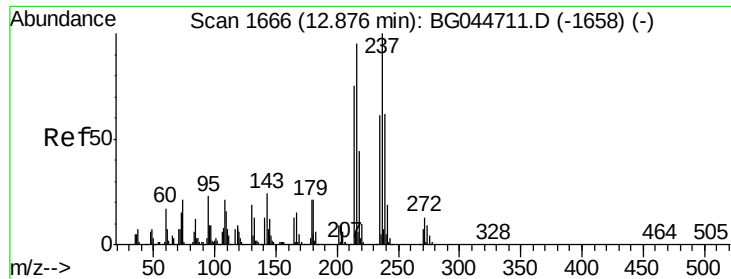
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.197 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.8	95.6
179	20.9	16.2	24.2
108	20.8	14.6	22.0





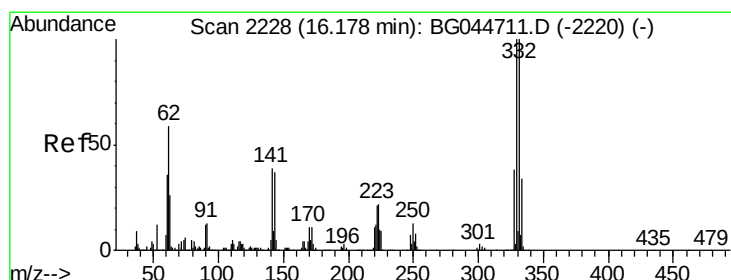
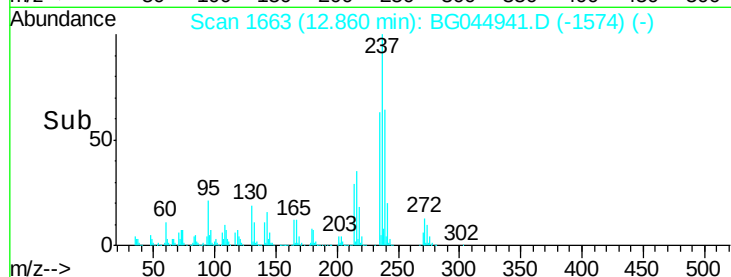
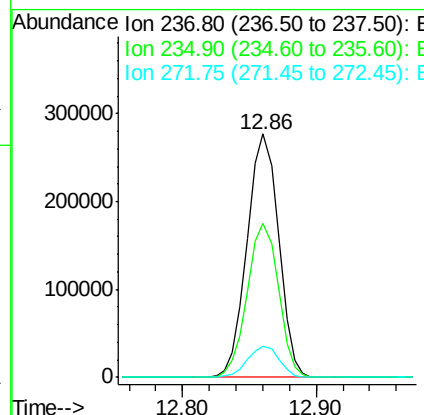
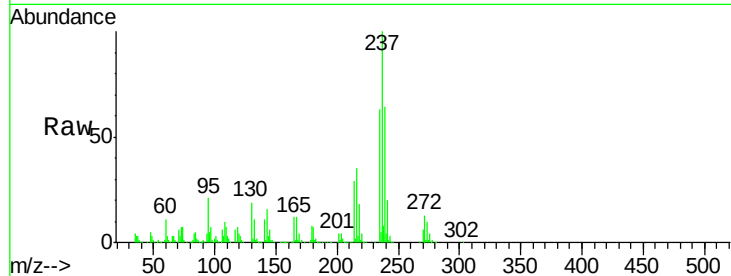
#41
Hexachlorocyclopentadiene
Concen: 117.054 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.1	42.9	82.9	
272	13.0	0.0	31.6	

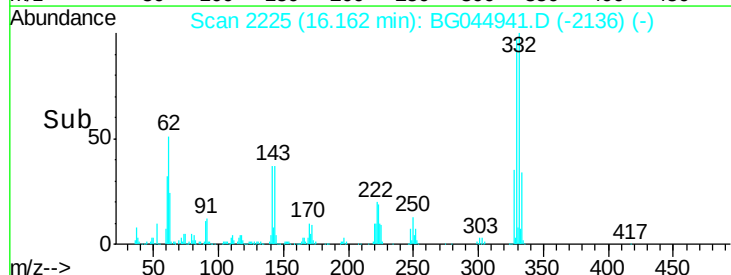
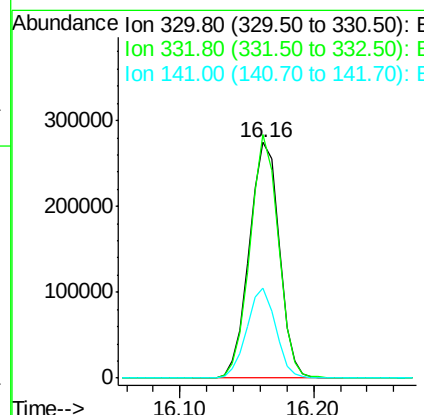
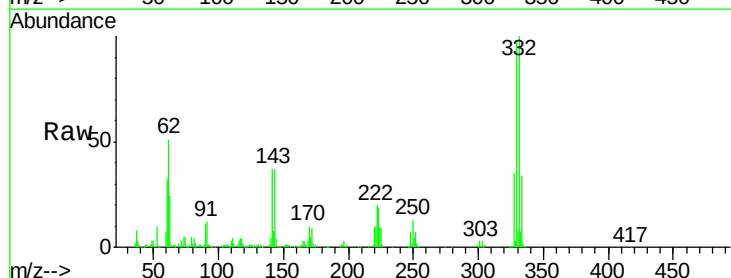
Manual Integrations
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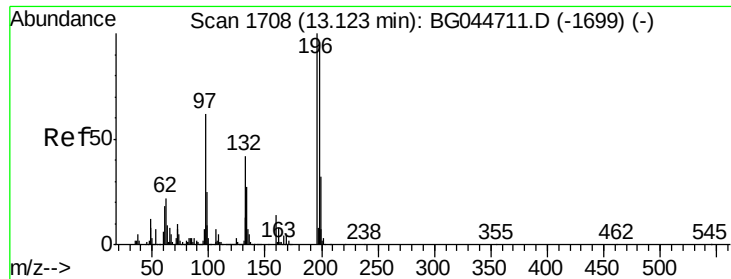
mohammad
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#42
2,4,6-Tribromophenol
Concen: 151.140 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	77.8	116.6	
141	37.0	29.5	44.3	





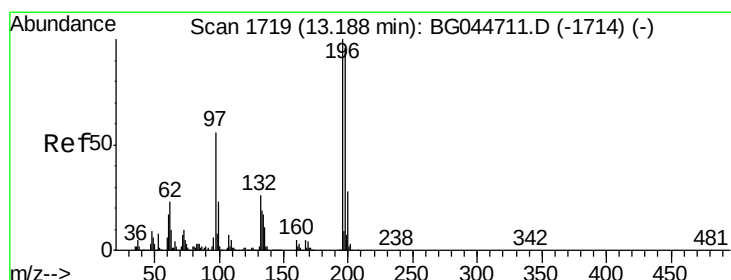
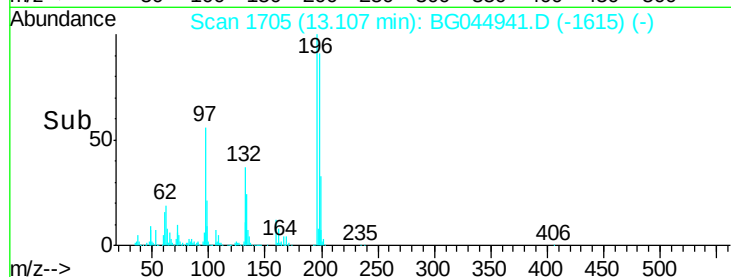
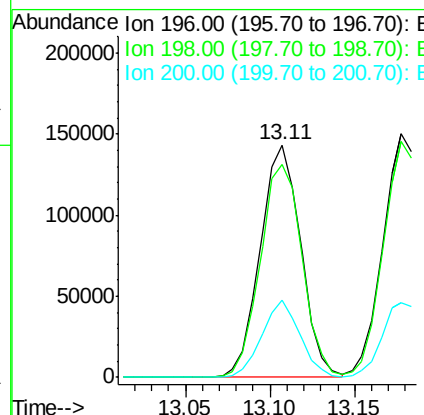
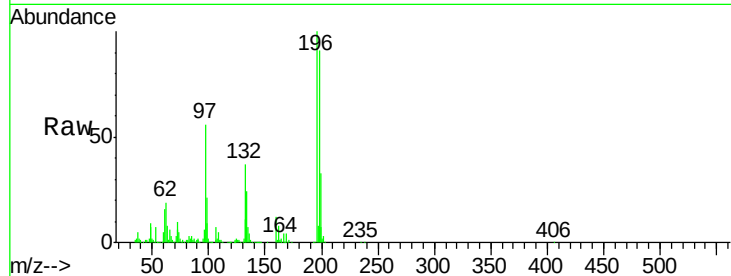
#43
2,4,6-Trichlorophenol
Concen: 51.035 ng
RT: 13.11 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.3	74.9	112.3
200	33.0	25.8	38.6

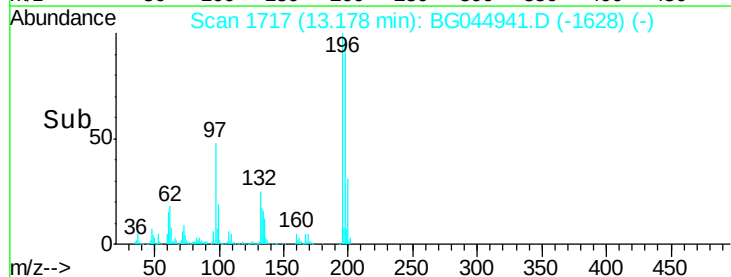
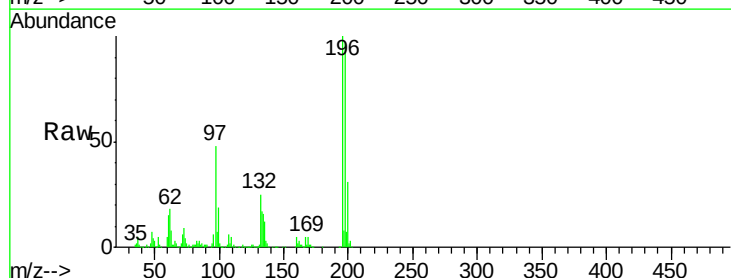
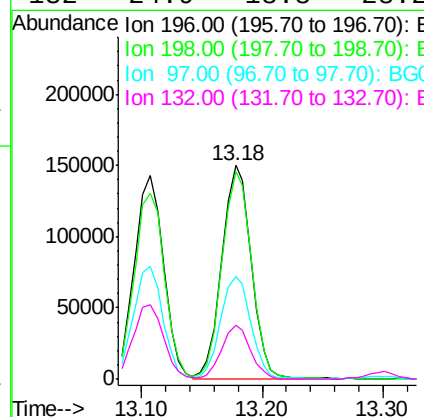
Manual Integrations
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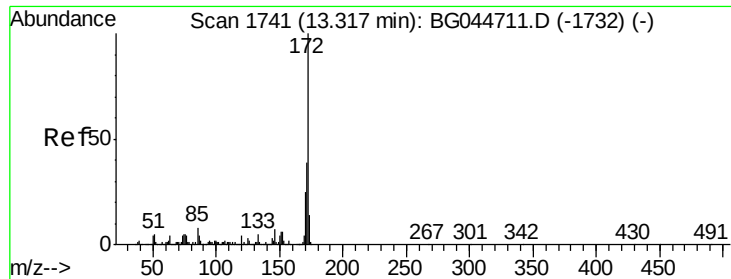
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 51.905 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.2	111.4
97	48.1	36.7	55.1
132	24.9	18.8	28.2





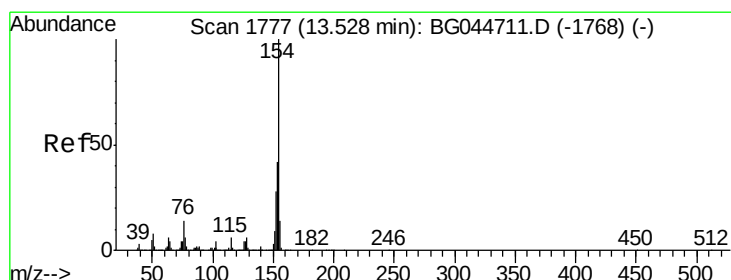
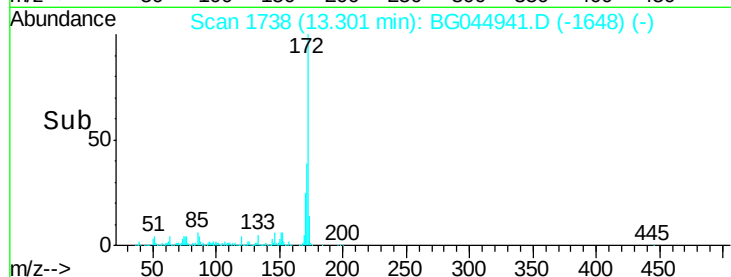
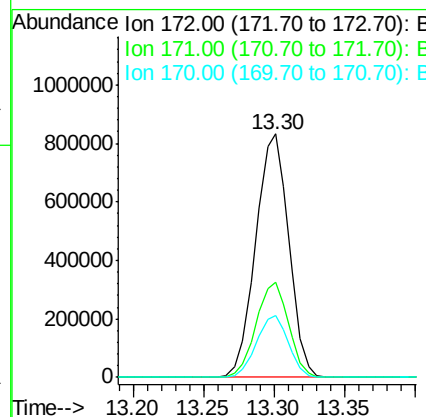
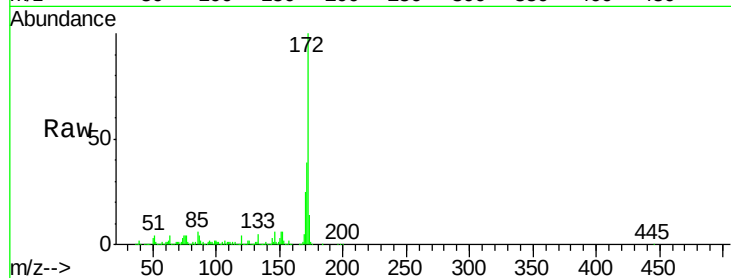
#45
2-Fluorobiphenyl
Concen: 91.299 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion:172 Resp: 1367354
Ion Ratio Lower Upper
172 100
171 38.9 28.7 43.1
170 25.2 19.0 28.6

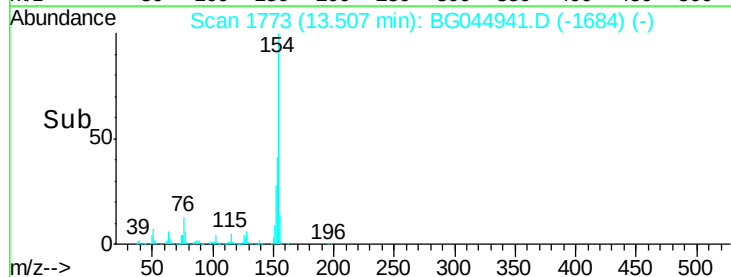
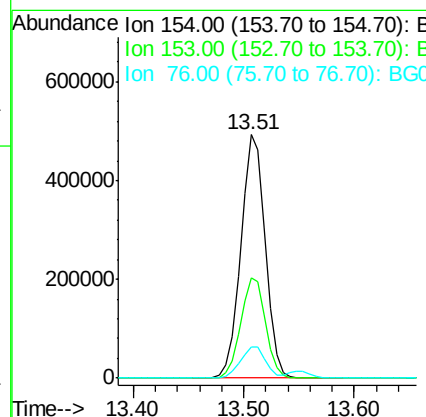
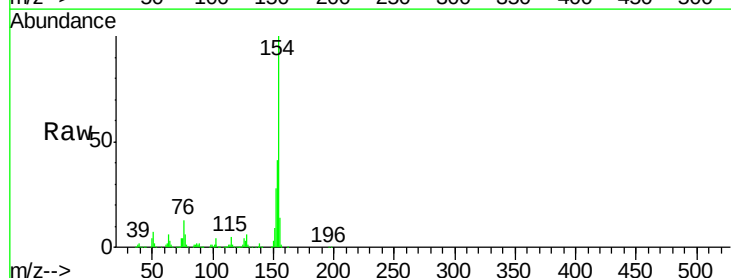
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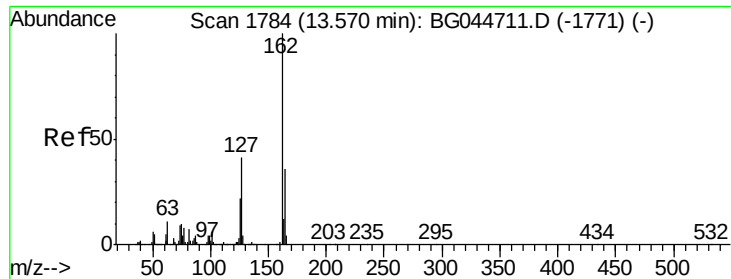
mohammad
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#46
1,1'-Biphenyl
Concen: 44.428 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:154 Resp: 761441
Ion Ratio Lower Upper
154 100
153 41.2 22.9 62.9
76 12.9 0.0 34.6





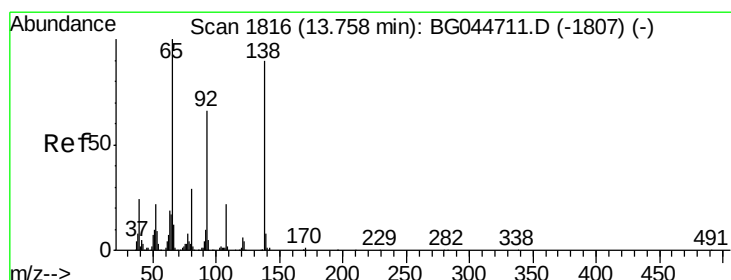
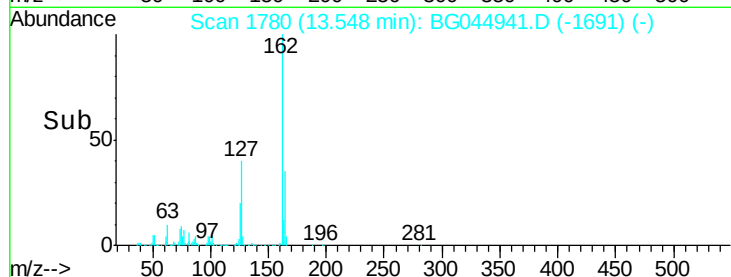
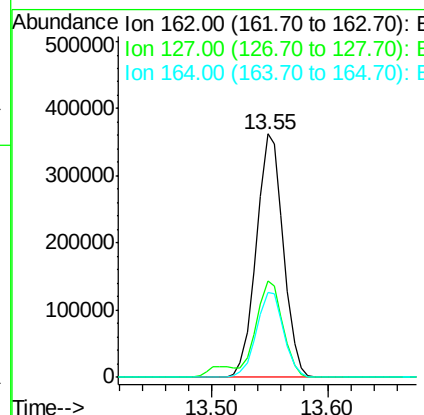
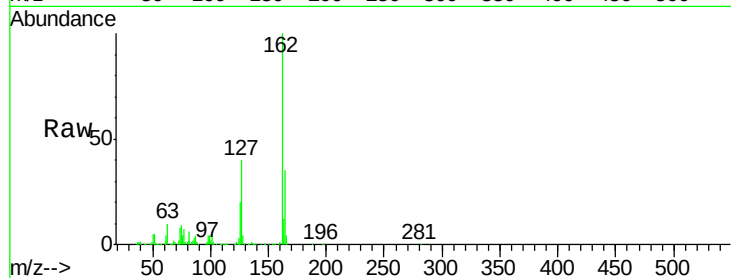
#47
2-Chloronaphthalene
Concen: 44.979 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.8	33.1	49.7
164	34.8	27.4	41.2

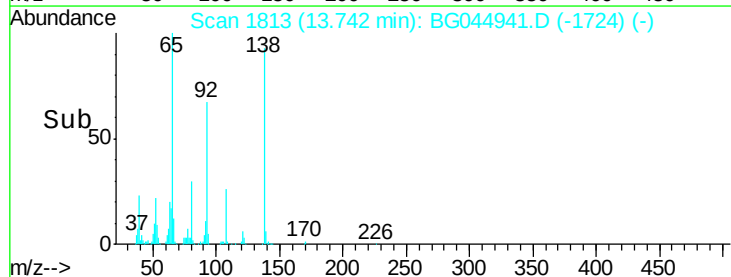
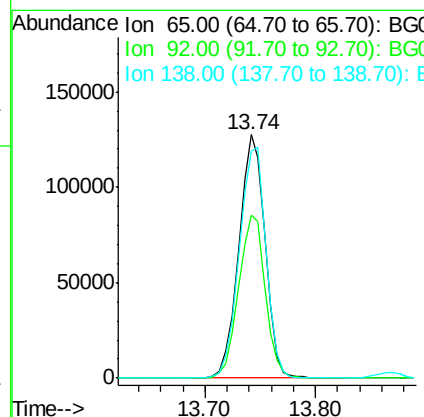
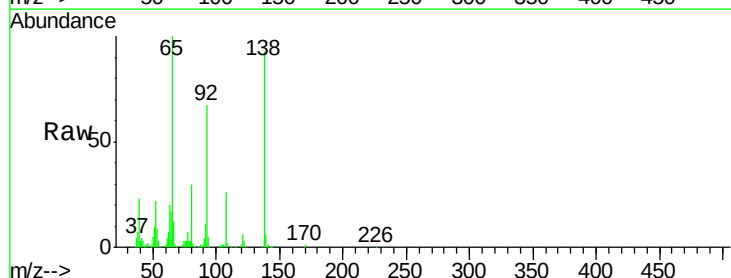
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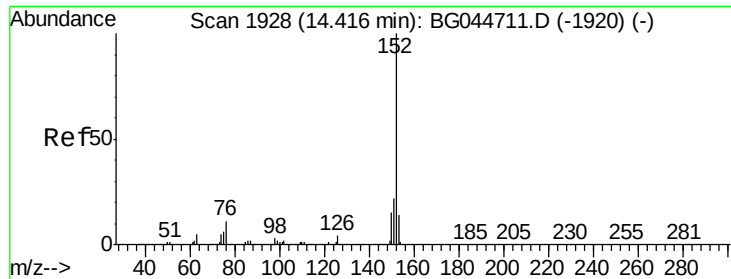
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#48
2-Nitroaniline
Concen: 46.319 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.1	52.6	79.0
138	93.2	78.3	117.5





#49

Acenaphthylene

Concen: 46.229 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

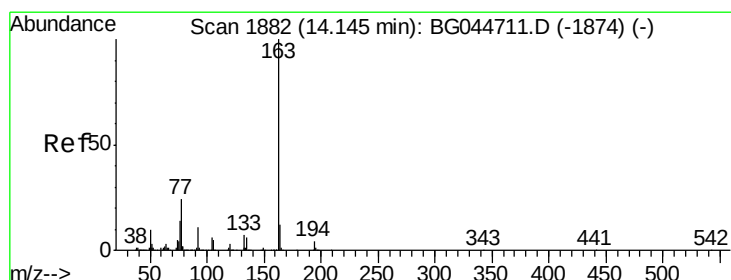
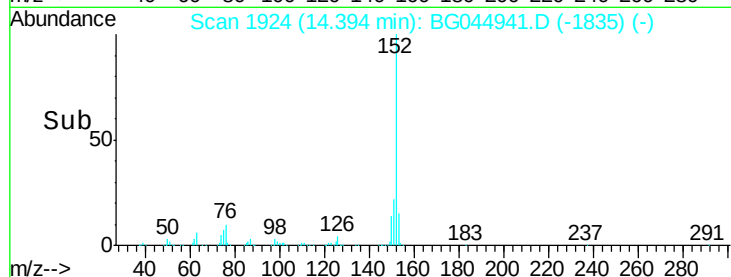
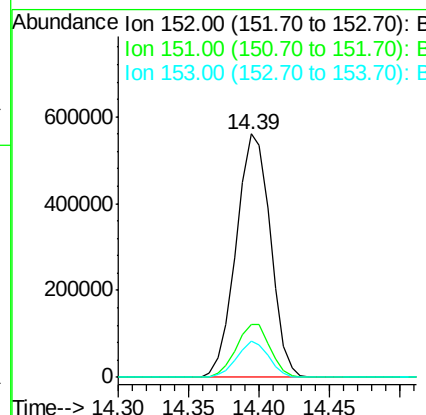
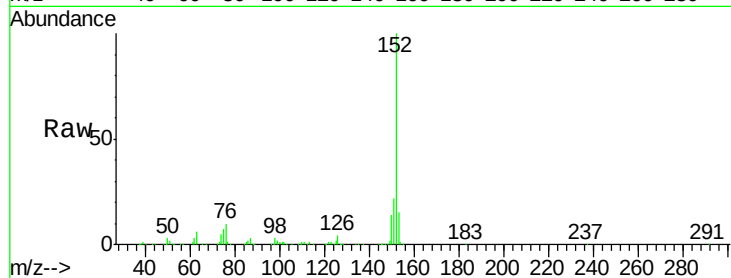
ClientSampleId :

PB127786BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		948221		
151	21.9	16.8	25.2		
153	14.8	10.8	16.2		

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.314 ng

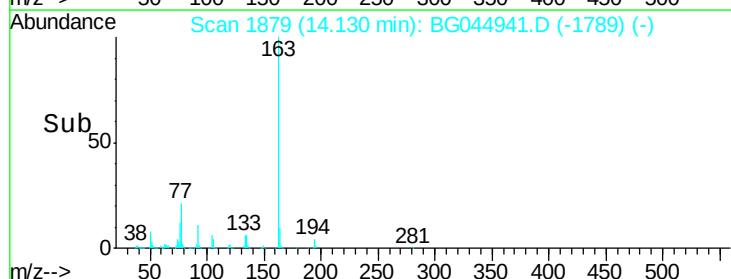
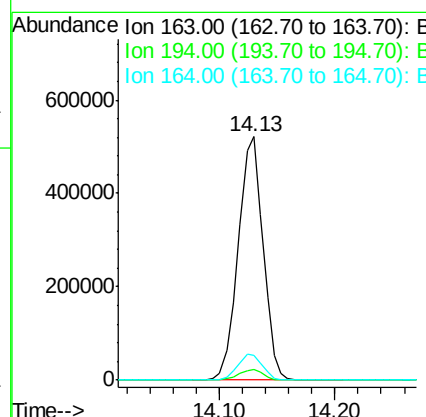
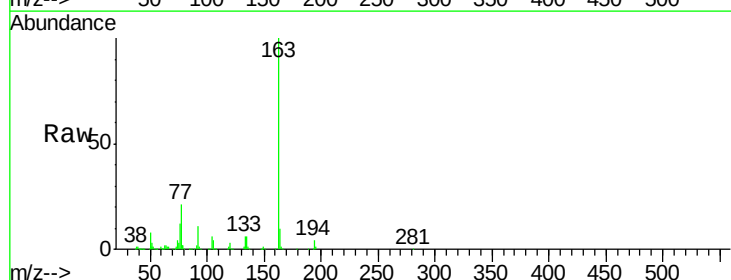
RT: 14.13 min Scan# 1879

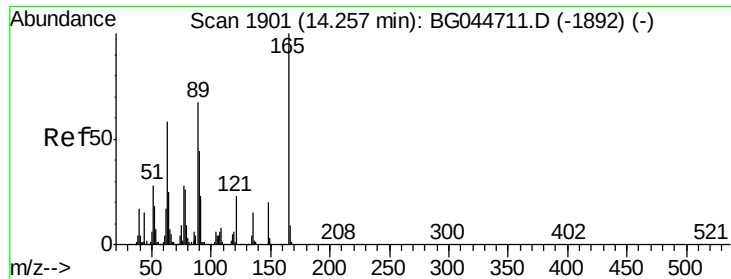
Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		774027		
194	4.4	3.7	5.5		
164	10.3	9.1	13.7		





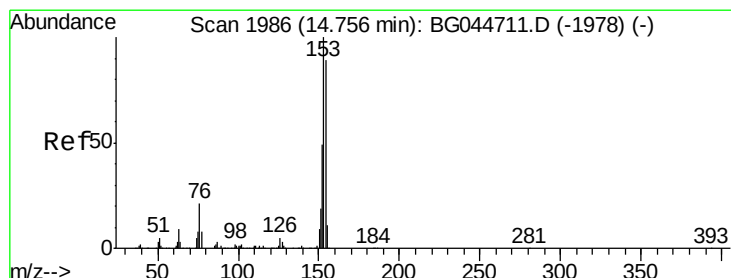
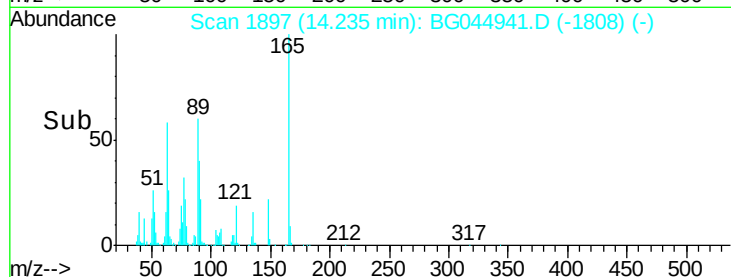
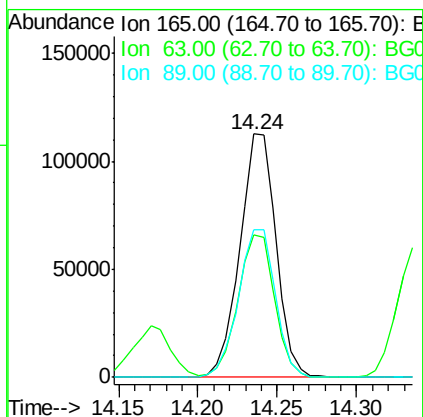
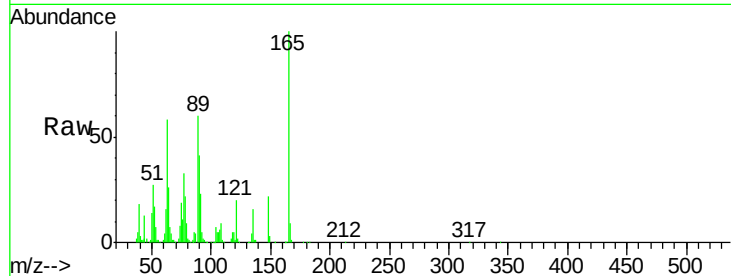
#51
 2,6-Dinitrotoluene
 Concen: 51.802 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.4	45.8	68.8
89	60.4	51.8	77.6

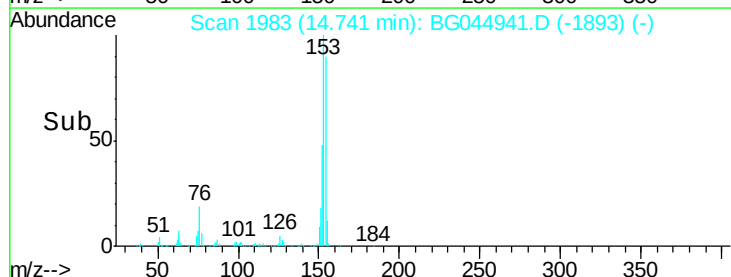
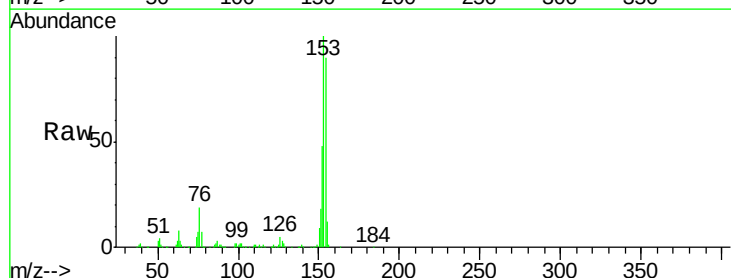
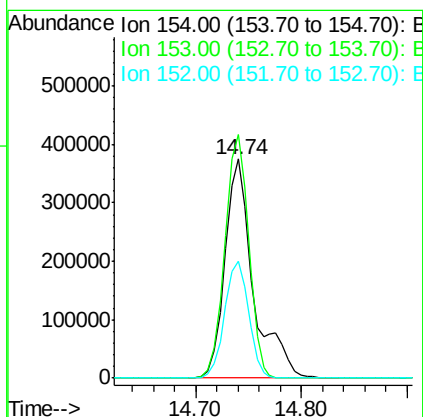
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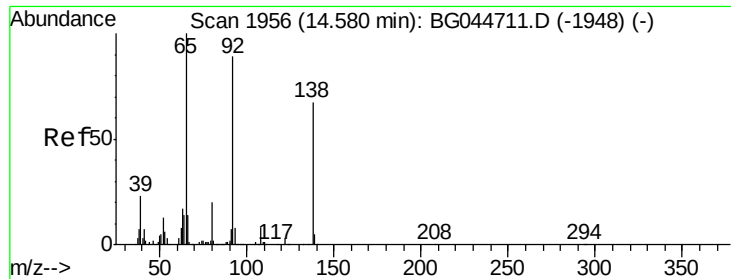
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#52
 Acenaphthene
 Concen: 52.110 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.6
152	53.6	43.0	64.6





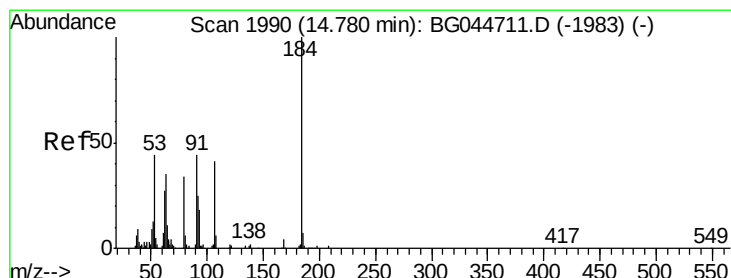
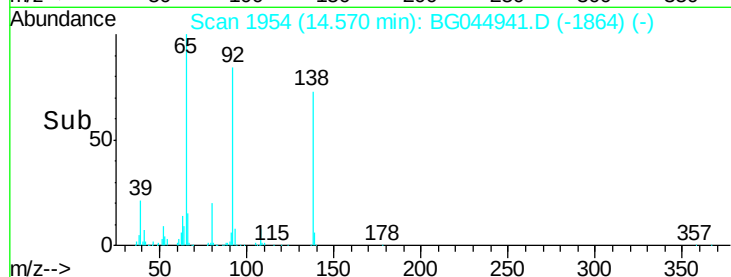
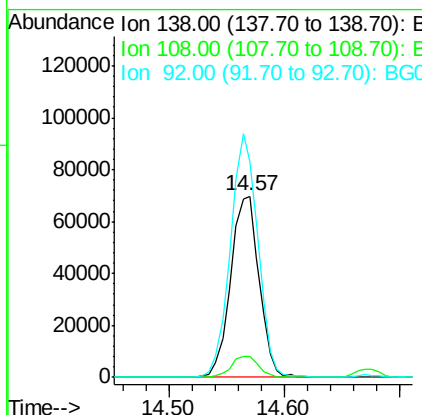
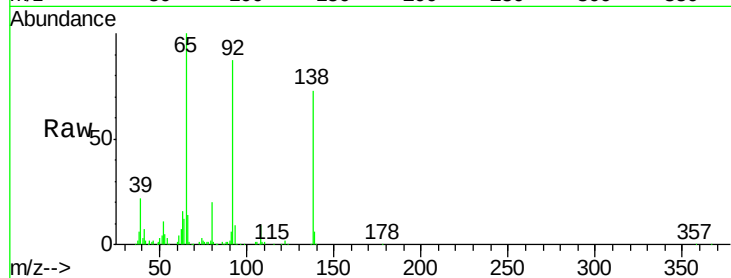
#53
3-Nitroaniline
Concen: 30.024 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.4
92	119.2	96.8	145.2

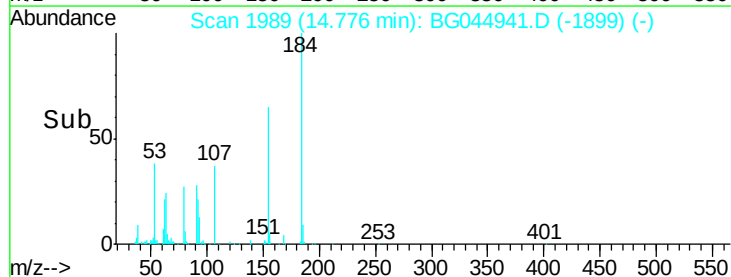
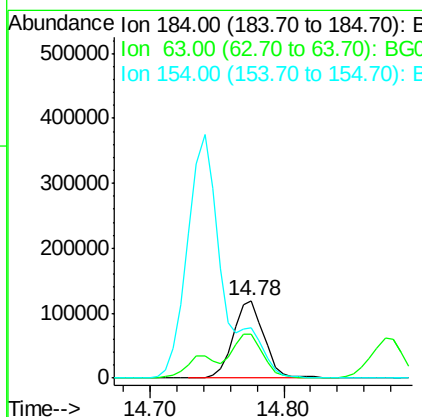
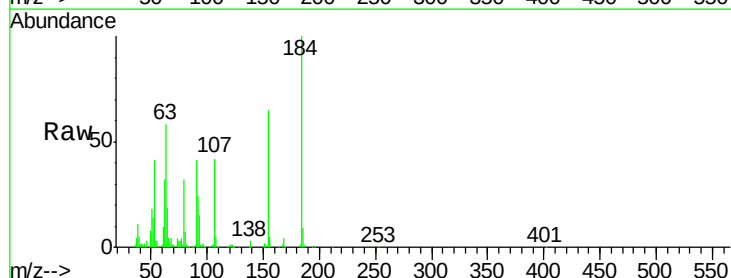
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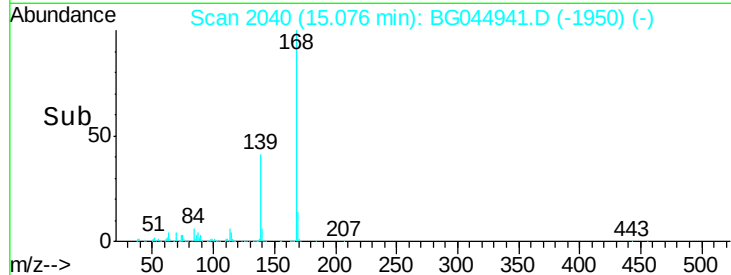
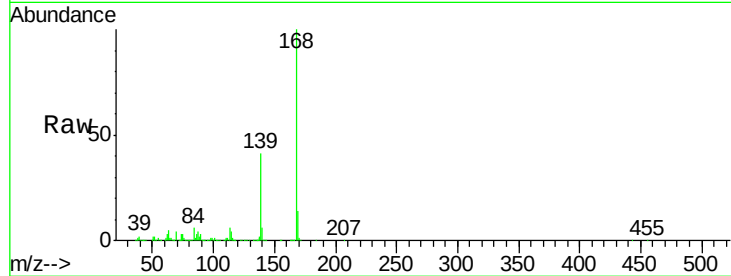
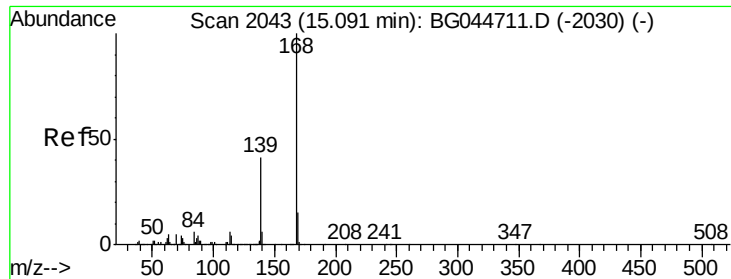
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#54
2,4-Dinitrophenol
Concen: 103.505 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.6	45.5	68.3
154	64.6	49.1	73.7





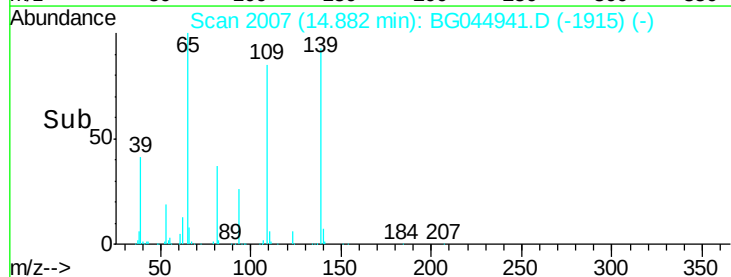
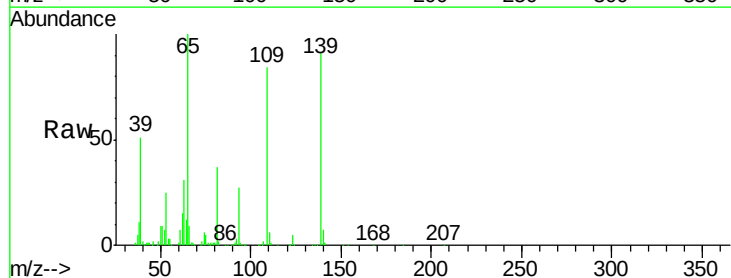
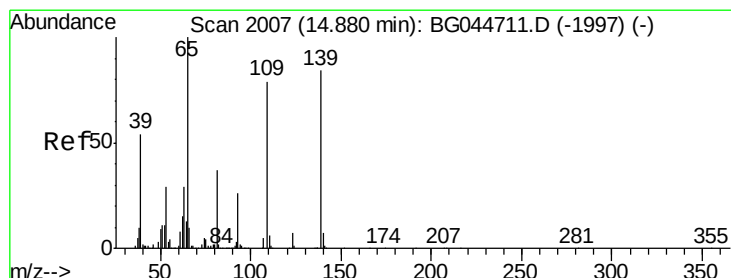
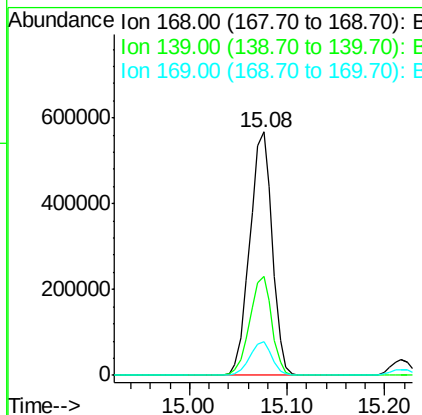
#55
Dibenzofuran
Concen: 47.092 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.4	47.0
169	14.0	11.1	16.7

Instrument :
BNA_G
ClientSampleId :
PB127786BS

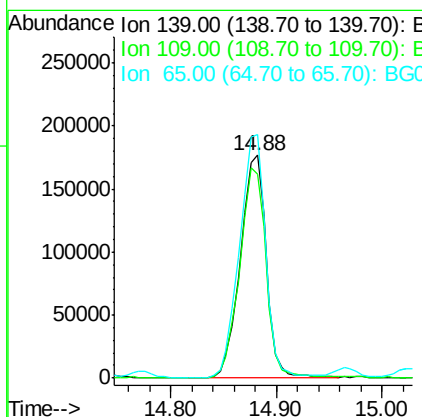
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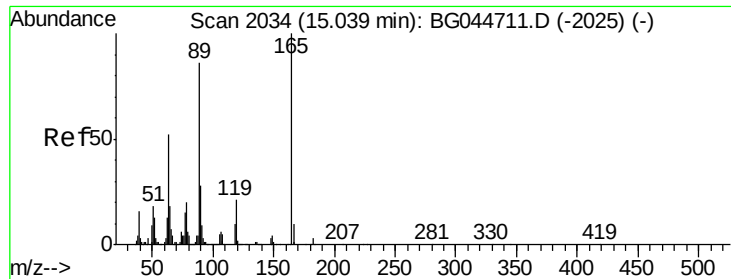
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#56
4-Nitrophenol
Concen: 99.970 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.7	68.8	108.8
65	109.3	92.5	132.5





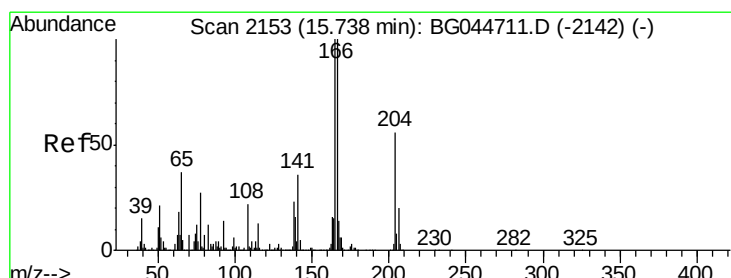
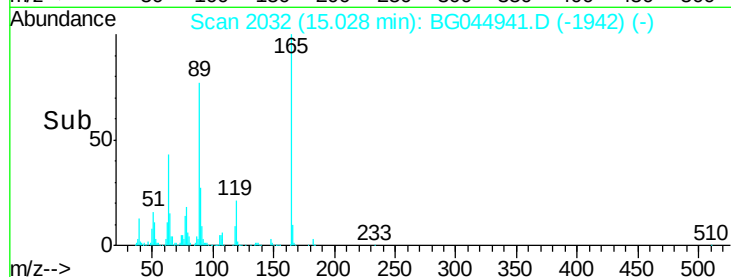
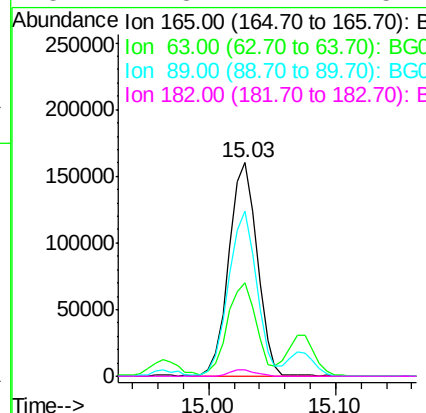
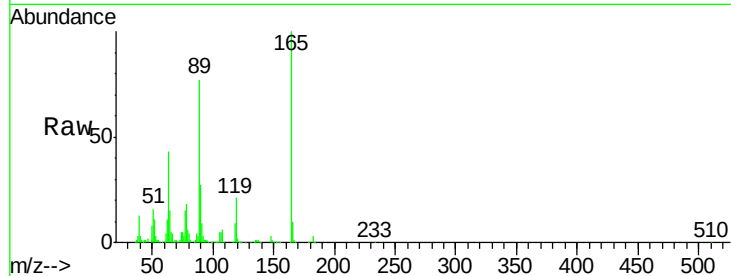
#57
2,4-Dinitrotoluene
Concen: 52.704 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	34.6	52.0
89	77.1	61.3	91.9
182	2.8	2.2	3.2

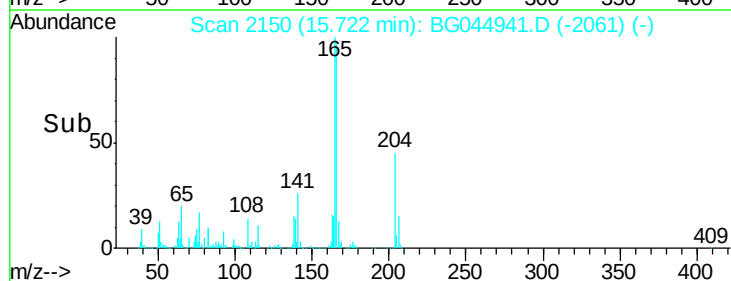
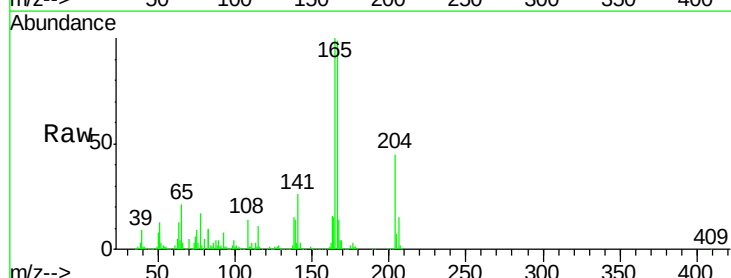
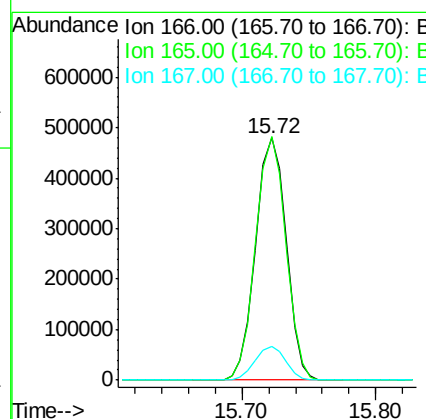
Manual Integrations
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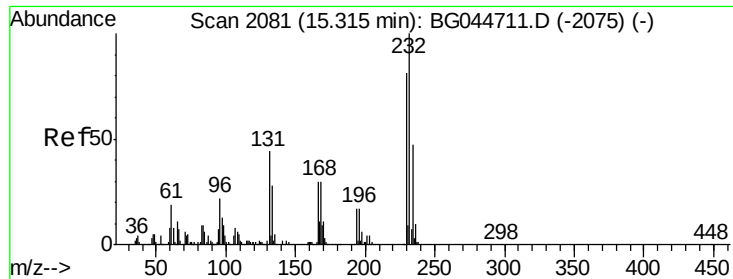
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#58
Fluorene
Concen: 47.332 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.7	119.5
167	14.0	10.6	16.0





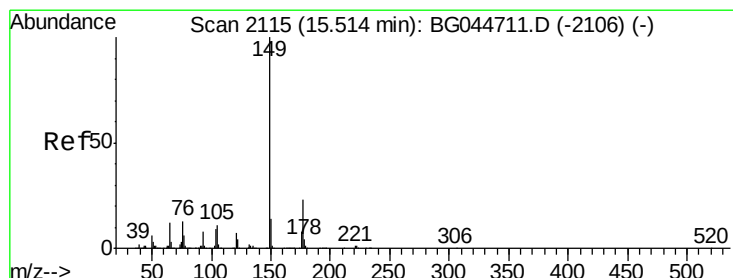
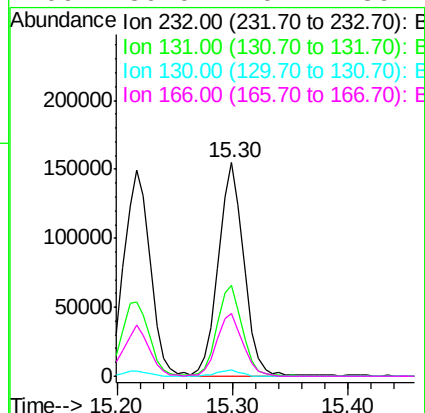
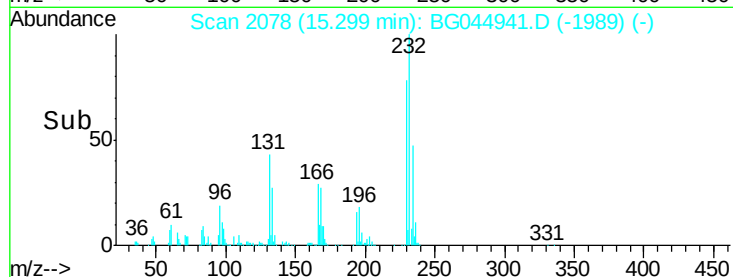
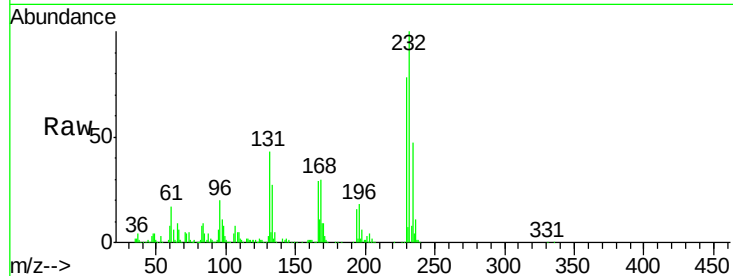
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.728 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	41.8	31.8	47.8
130	2.6	2.2	3.2
166	30.0	20.2	30.2

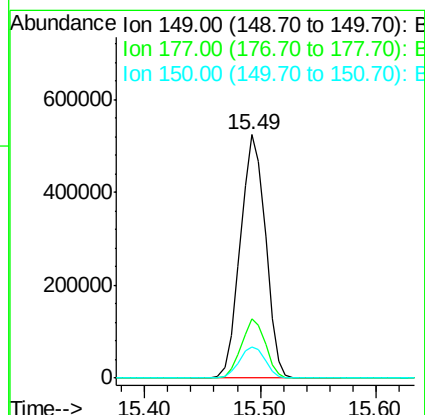
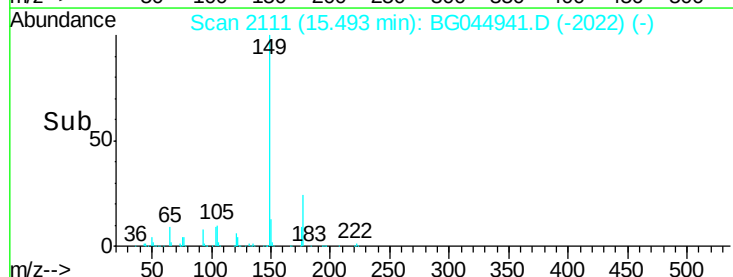
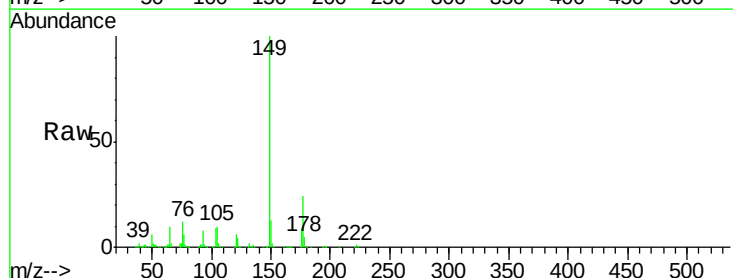
Manual Integrations
APPROVED

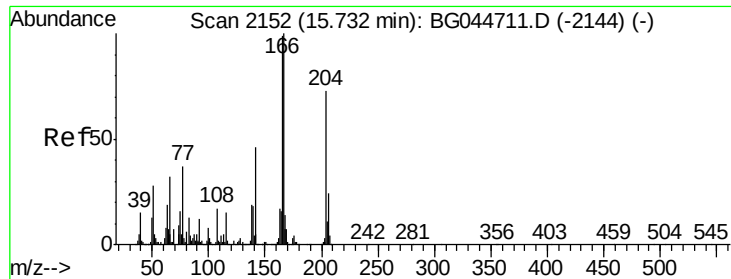
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#60
Diethylphthalate
Concen: 44.437 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.4	19.3	28.9
150	12.9	11.0	16.6





#61

4-Chlorophenyl-phenylether

Concen: 47.196 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

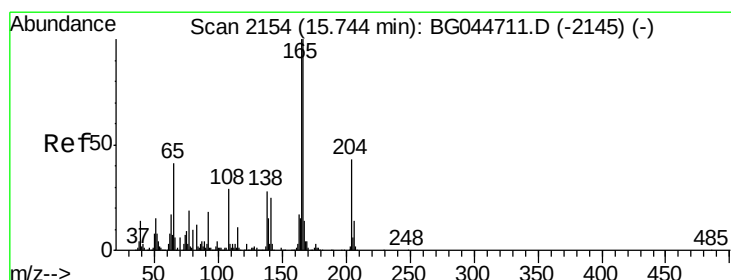
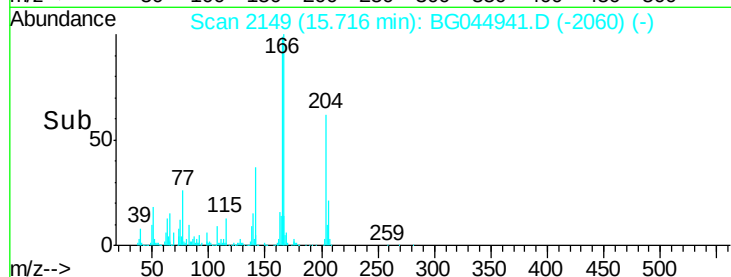
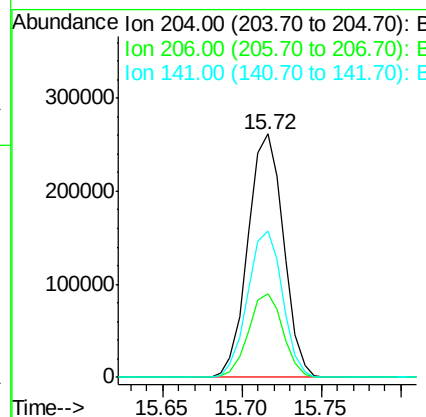
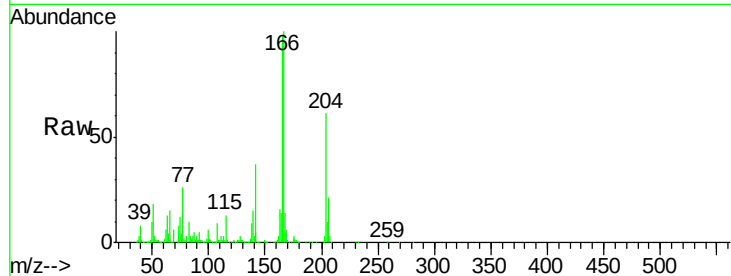
ClientSampleId :

PB127786BS

Tot Ion:	204	Resp:	407223
Ion Ratio	Lower	Upper	
204	100		
206	34.3	26.2	39.2
141	60.1	47.7	71.5

Manual Integrations
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#62

4-Nitroaniline

Concen: 42.835 ng

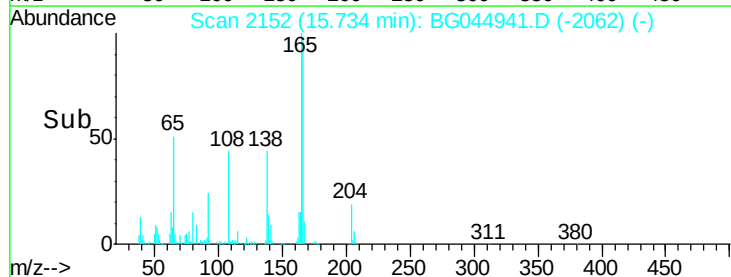
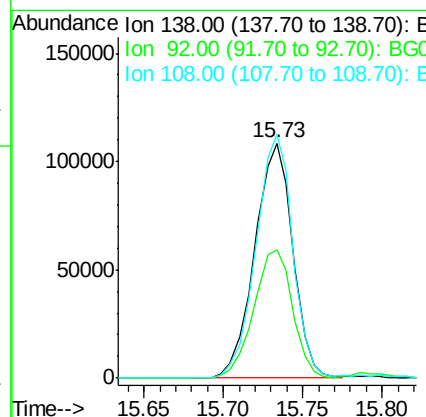
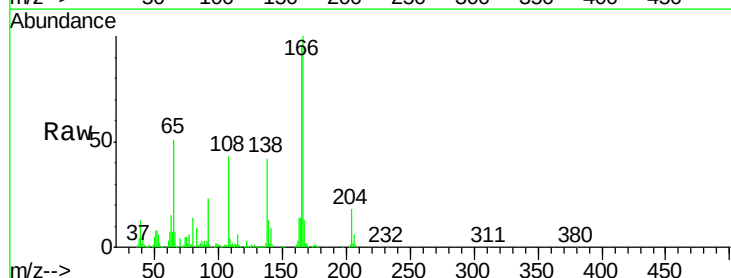
RT: 15.73 min Scan# 2152

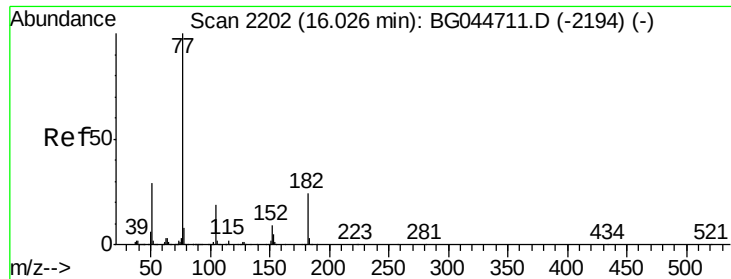
Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	138	Resp:	180809
Ion Ratio	Lower	Upper	
138	100		
92	54.7	34.5	74.5
108	103.8	74.5	114.5





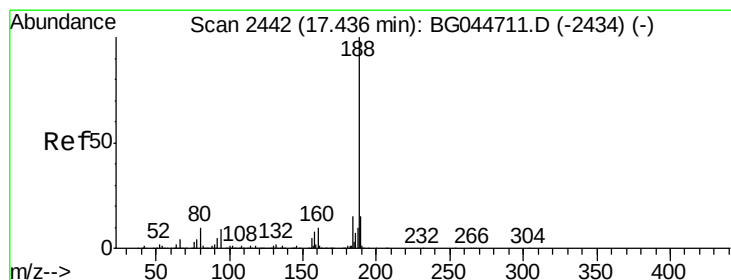
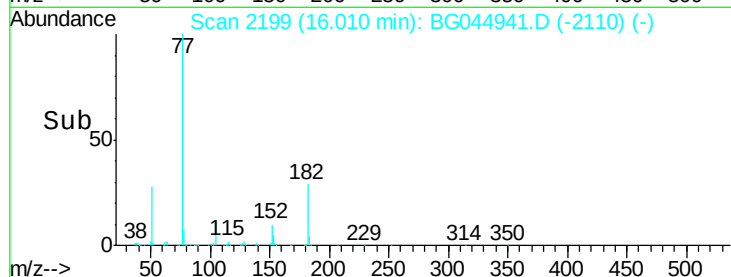
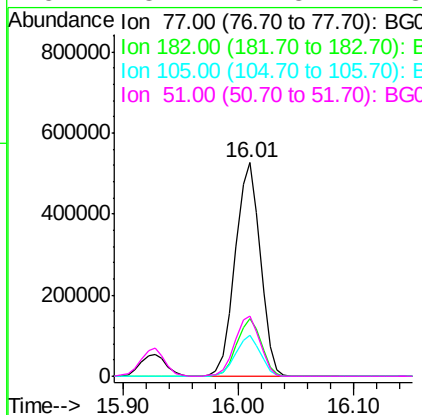
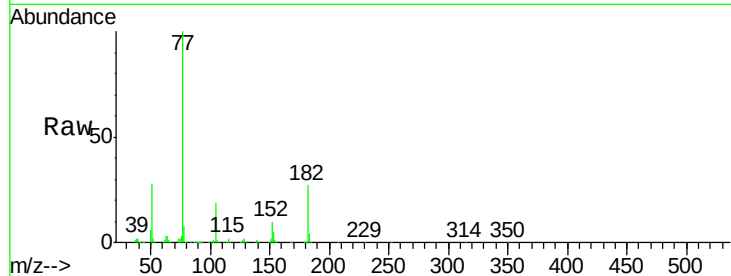
#63
Azobenzene
Concen: 42.824 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.2	6.4	46.4		
105	19.4	0.0	39.1		
51	28.4	7.3	47.3		

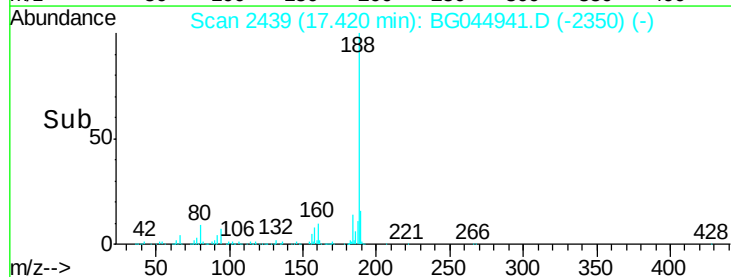
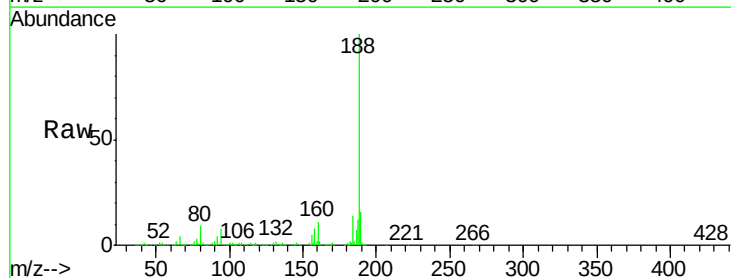
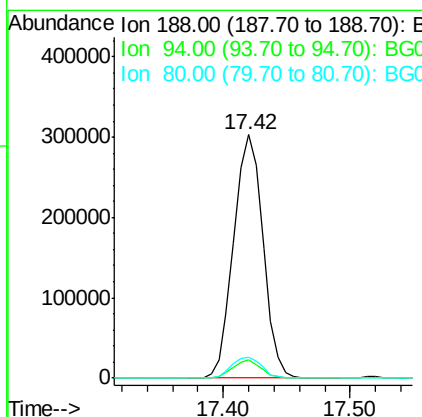
Manual Integrations
APPROVED

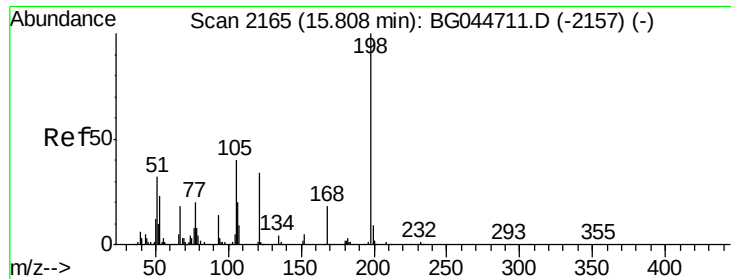
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.6	7.3	10.9		
80	8.7	8.0	12.0		





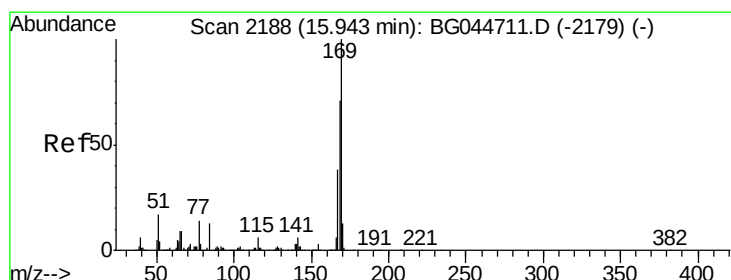
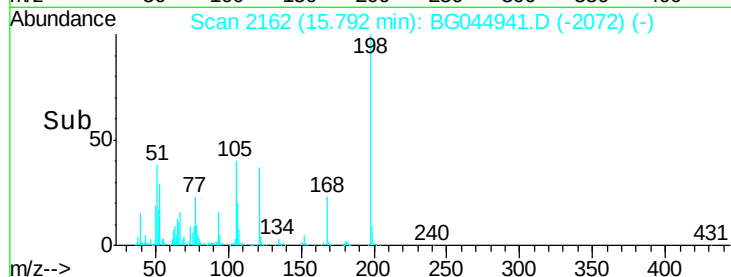
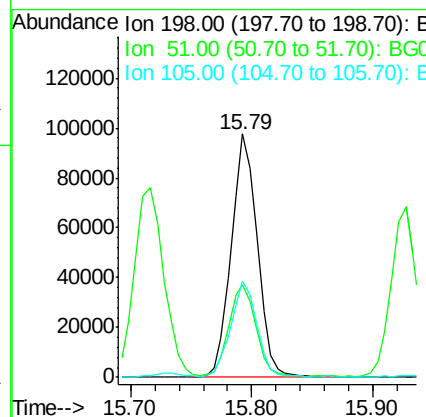
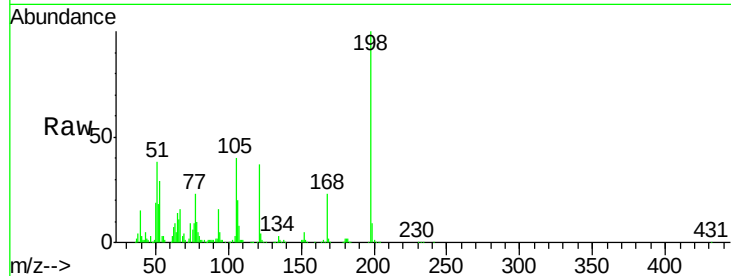
#65
4,6-Dinitro-2-methylphenol
Concen: 61.828 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	146945		
51	37.8		21.1	61.1
105	39.6		24.5	64.5

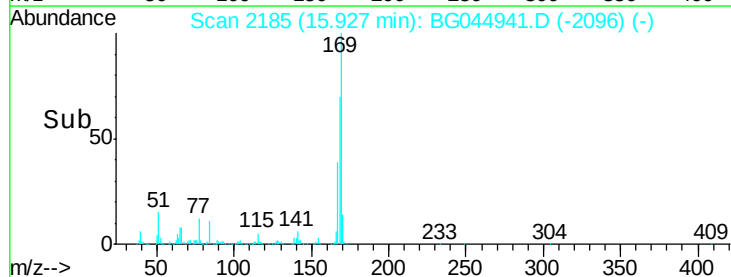
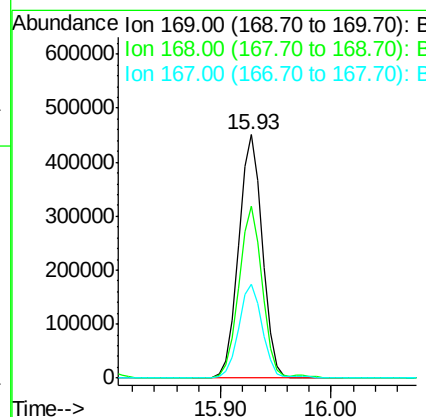
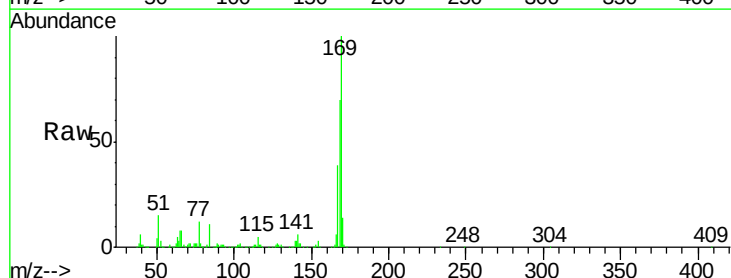
Manual Integrations
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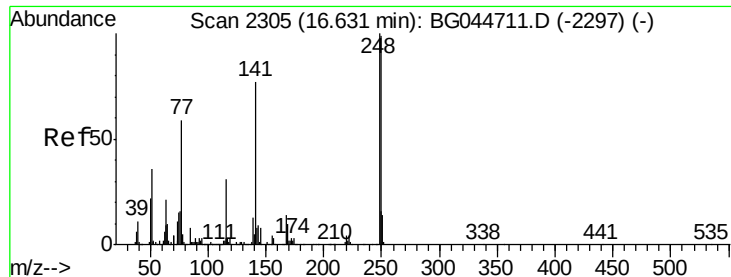
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.489 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	677794		
168	70.5		55.4	83.2
167	38.6		30.1	45.1





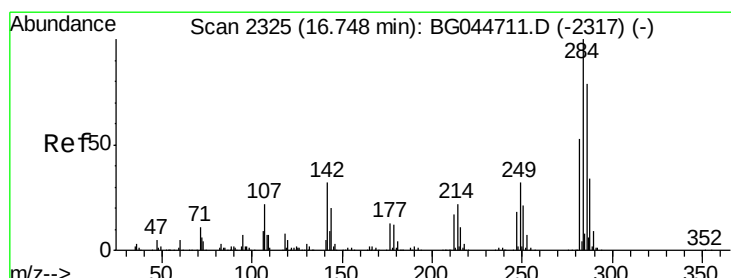
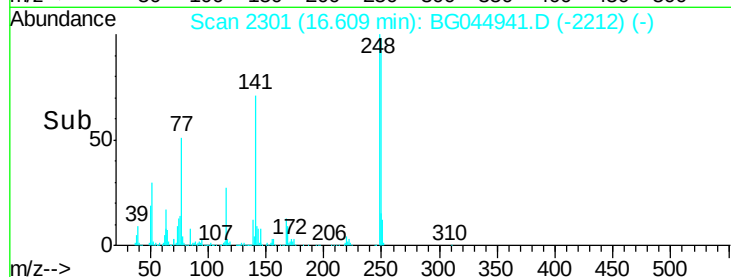
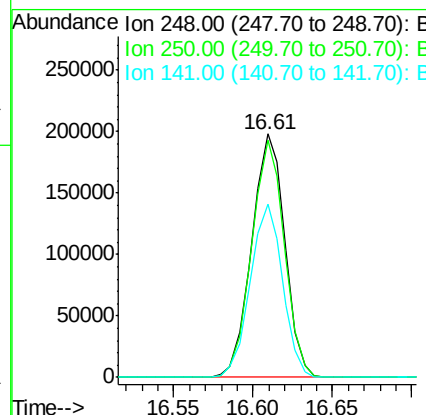
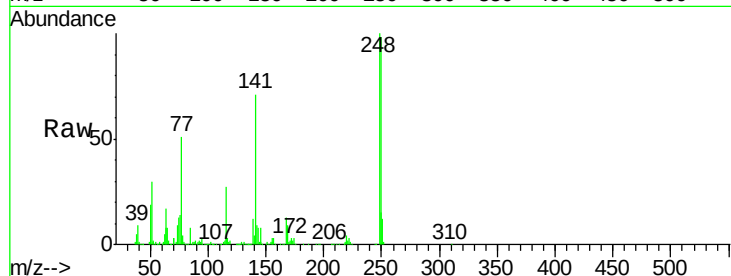
#67
4-Bromophenyl-phenylether
Concen: 47.509 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	71.2	57.5	86.3

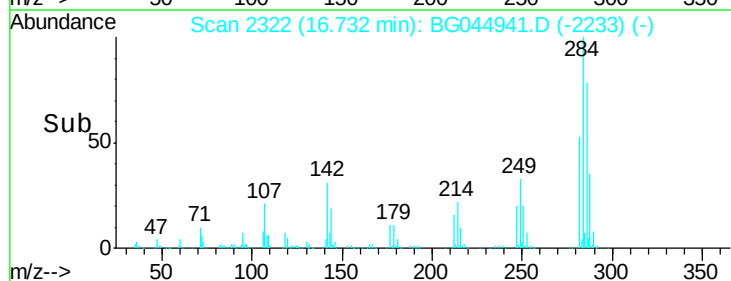
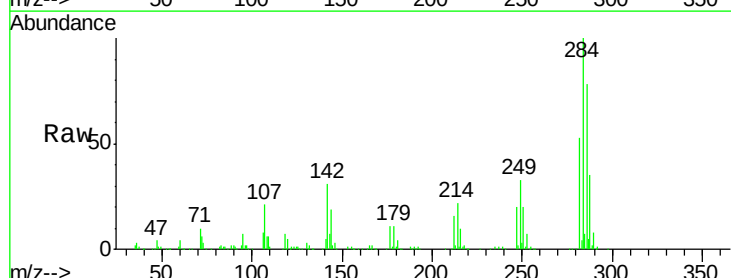
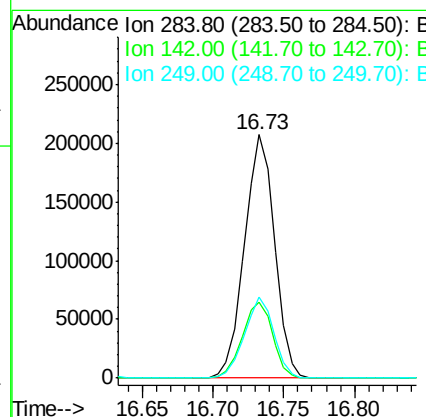
Manual Integrations
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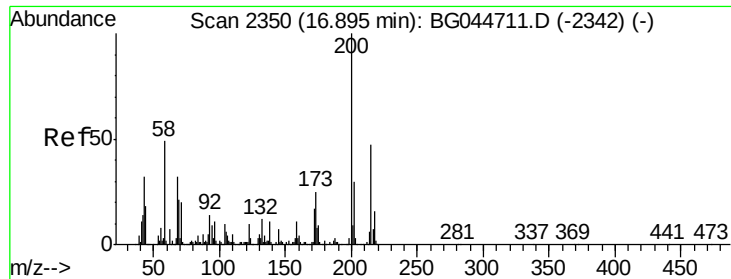
mohammad
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#68
Hexachlorobenzene
Concen: 47.056 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.0	37.6
249	33.3	25.8	38.8





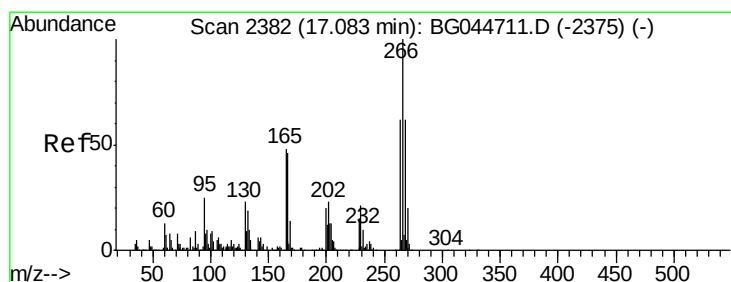
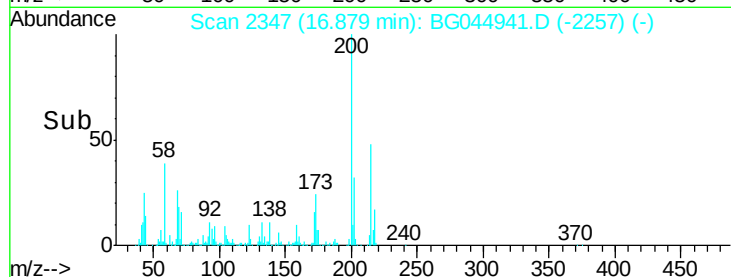
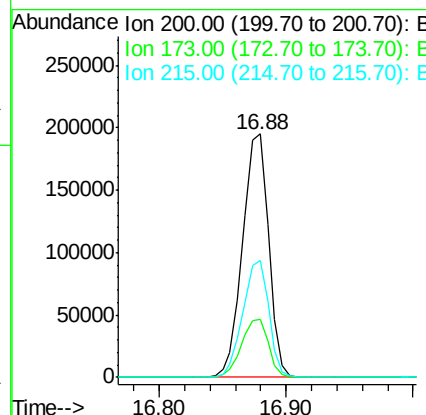
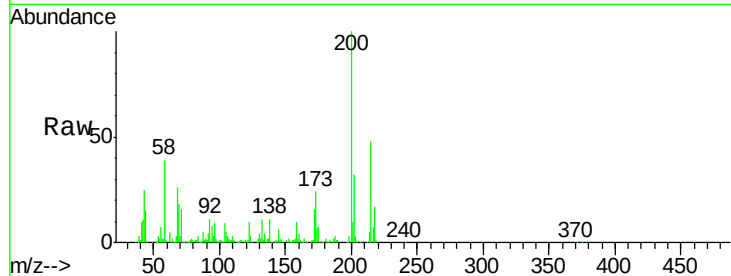
#69
 Atrazine
 Concen: 51.983 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.6	5.3	45.3
215	47.8	28.9	68.9

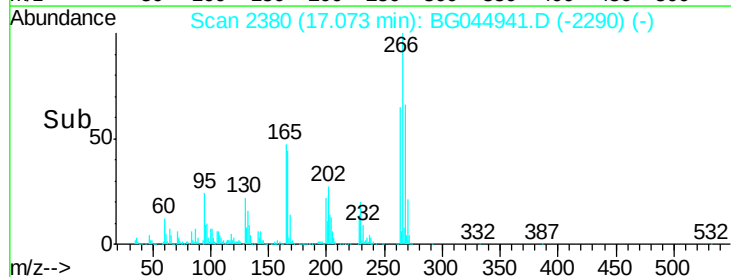
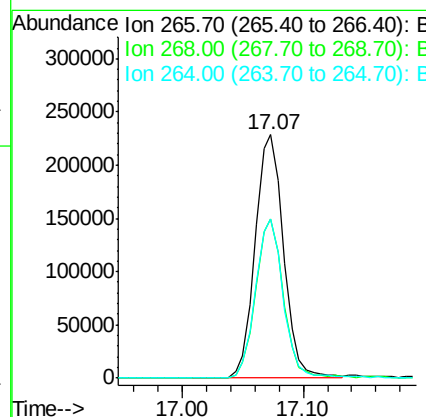
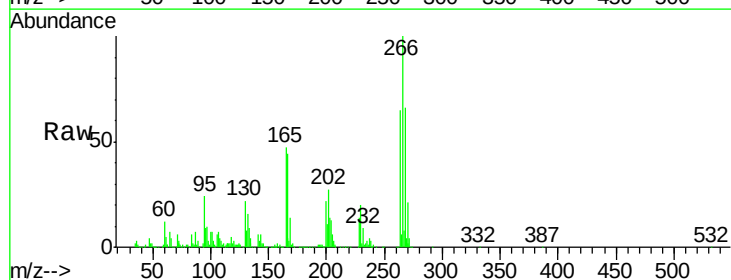
Manual Integrations
 APPROVED

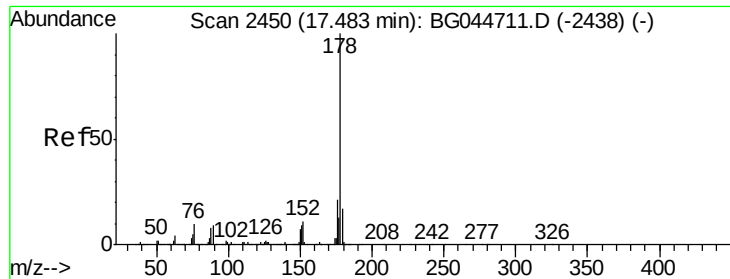
mohammad
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#70
 Pentachlorophenol
 Concen: 103.883 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.6	50.3	75.5
264	65.3	51.4	77.2





#71

Phenanthrene

Concen: 46.628 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tot Ion:178 Resp: 1206661

Ion Ratio Lower Upper

178 100

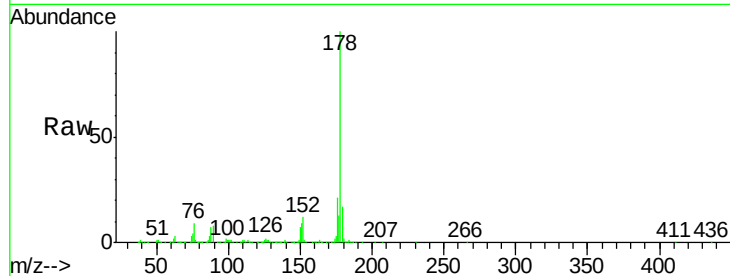
176 21.2 16.6 24.8

179 17.0 13.5 20.3

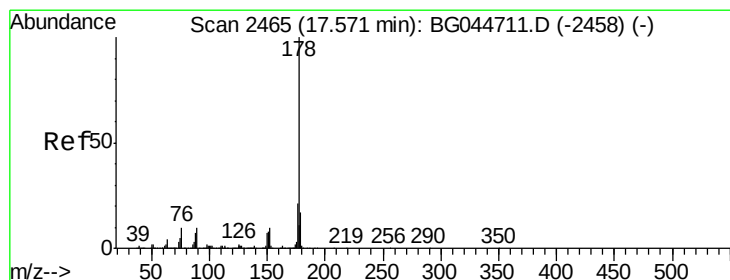
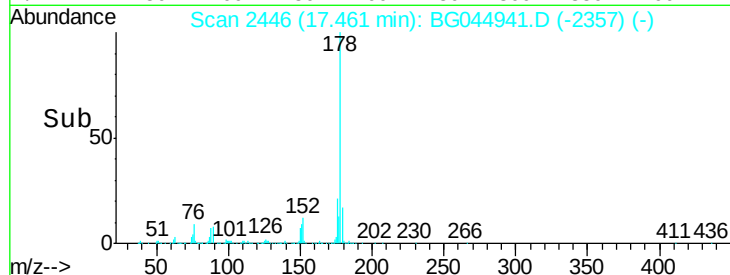
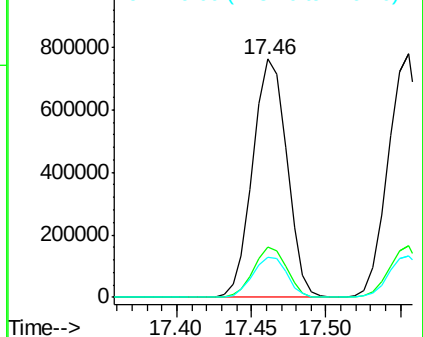
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.266 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

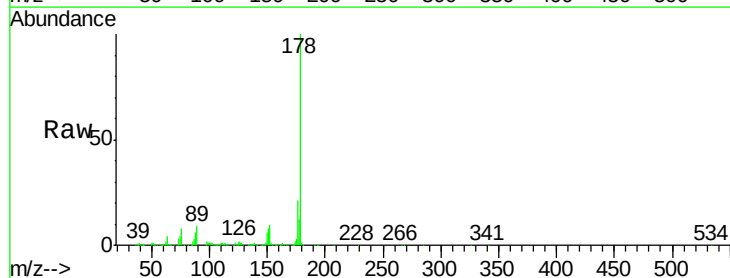
Tgt Ion:178 Resp: 1231633

Ion Ratio Lower Upper

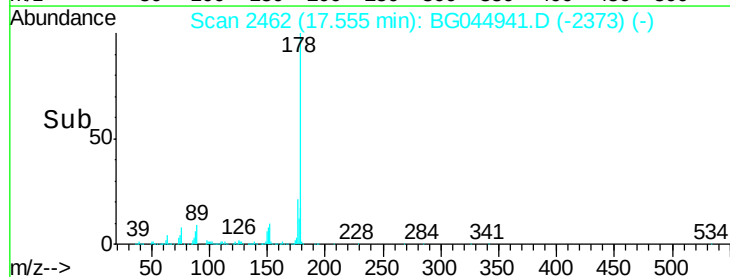
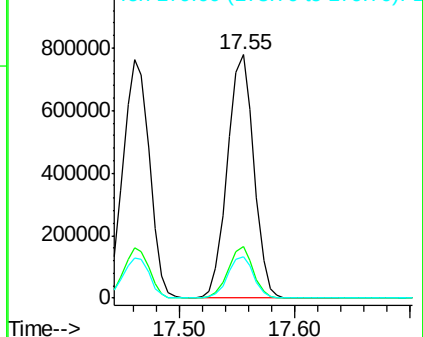
178 100

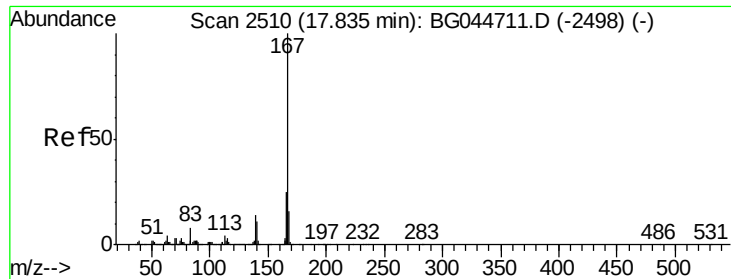
176 21.0 15.9 23.9

179 17.1 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: 47.365 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tot Ion:167 Resp: 1160983

Ion Ratio Lower Upper

167 100

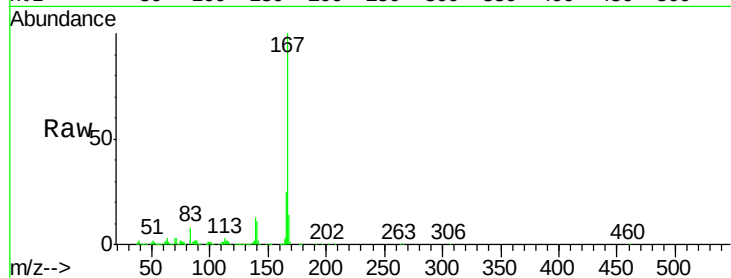
166 24.9 18.8 28.2

139 13.0 10.8 16.2

Manual Integrations
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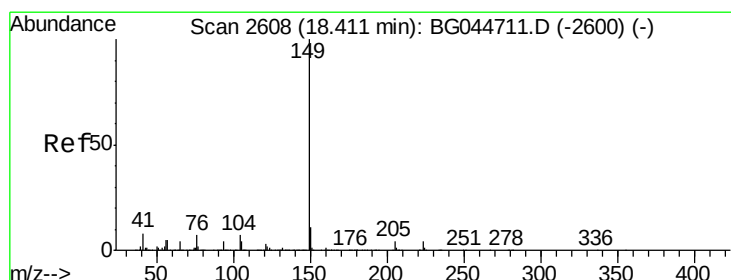
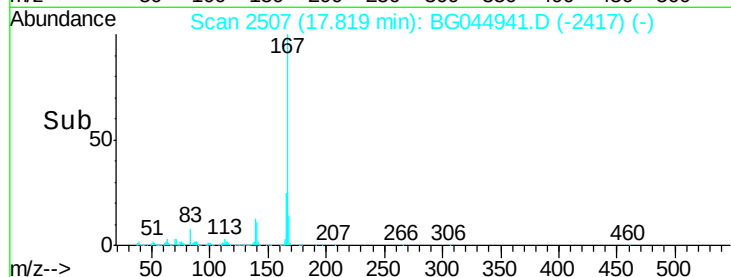
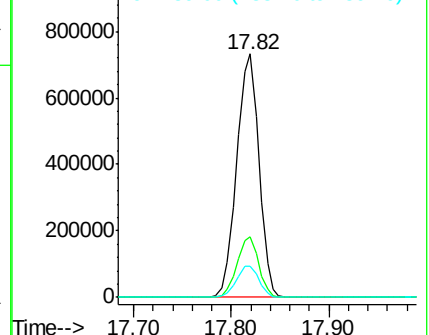
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.950 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

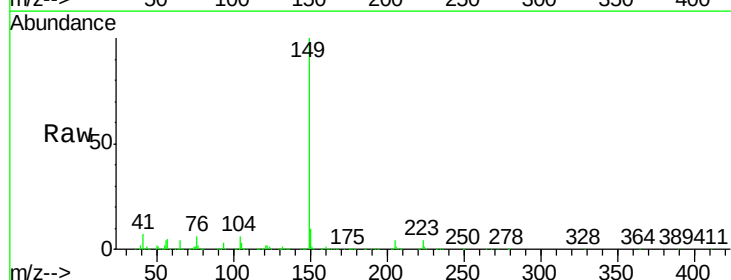
Tgt Ion:149 Resp: 1369163

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

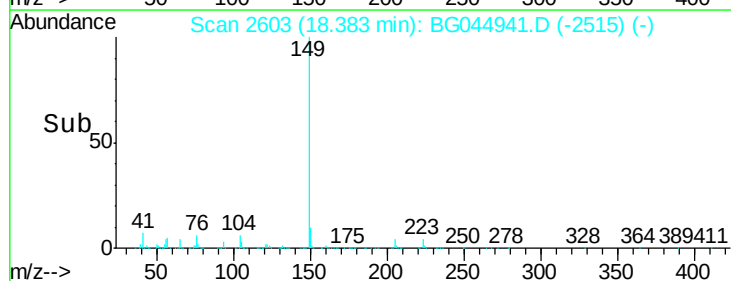
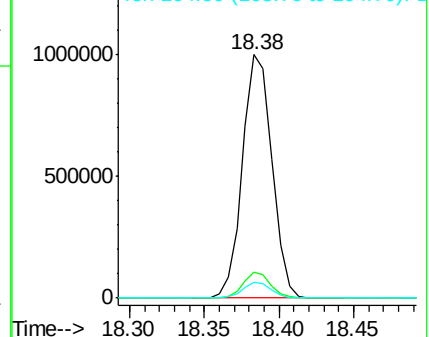
104 6.4 5.0 7.4

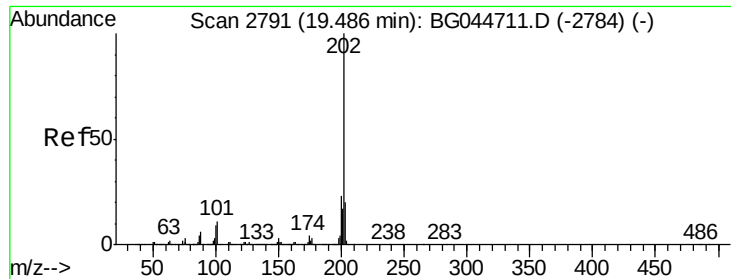


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.857 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

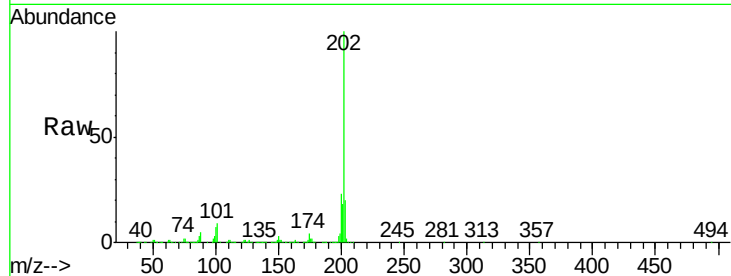
ClientSampled :

PB127786BS

Tot Ion:	202	Resp:	1505412
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	29.8
203	19.8	0.0	39.4

Manual Integrations
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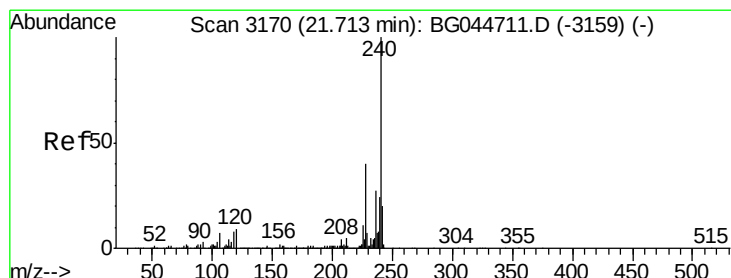
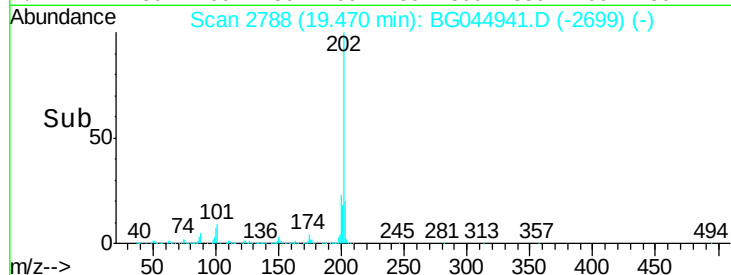
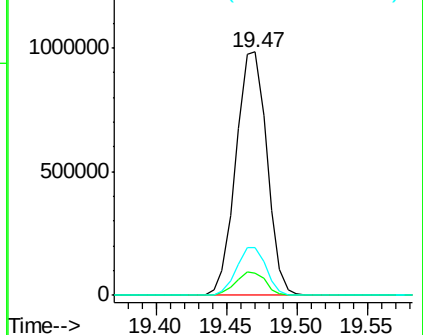
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044941.D

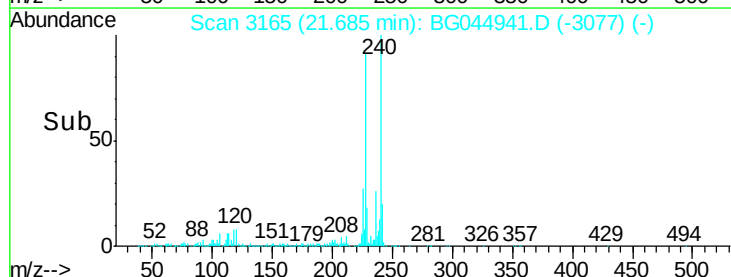
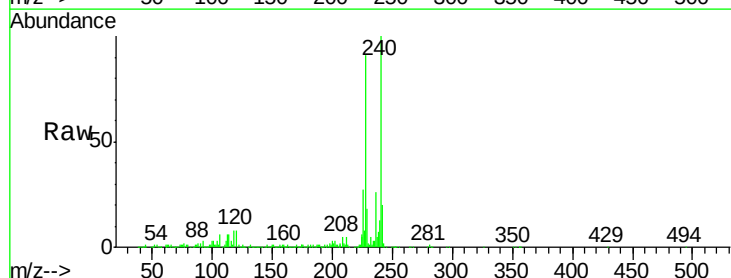
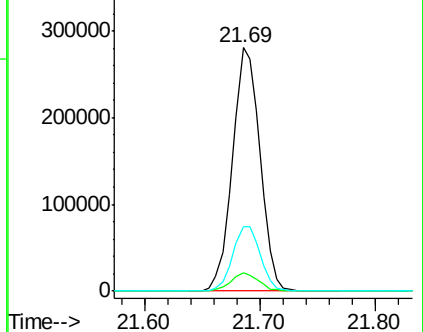
Acq: 24 Mar 2020 22:05

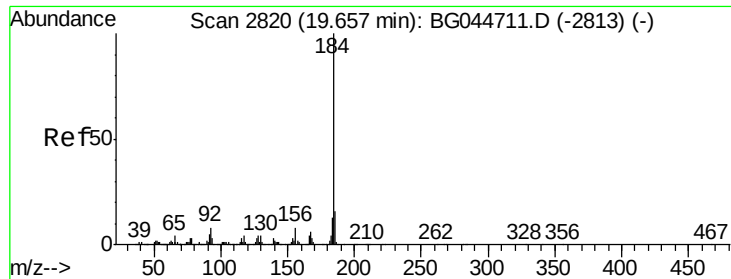
Tgt Ion:	240	Resp:	461723
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.7	10.1
236	26.2	21.5	32.3

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.748 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

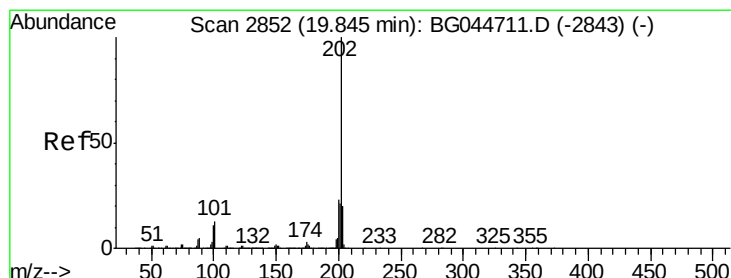
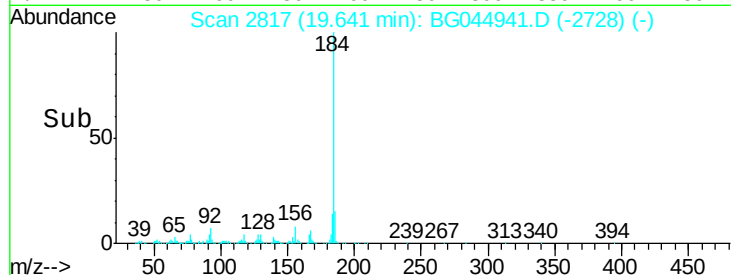
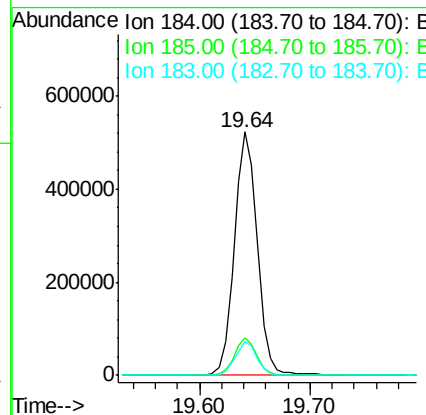
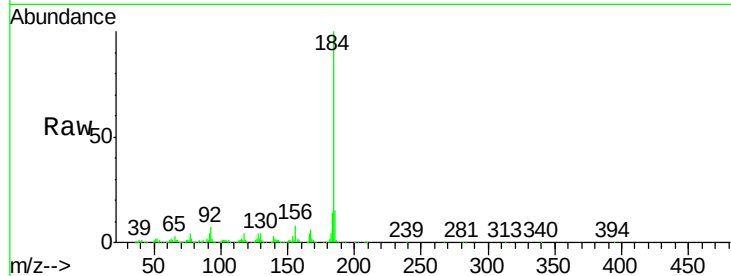
ClientSampleId :

PB127786BS

Tot Ion:	184	Resp:	760681
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.4
183	13.7	10.7	16.1

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#78

Pyrene

Concen: 43.905 ng

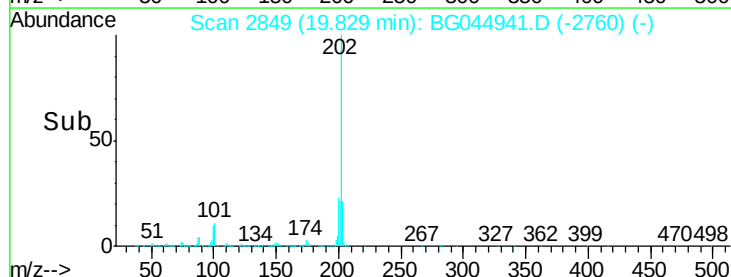
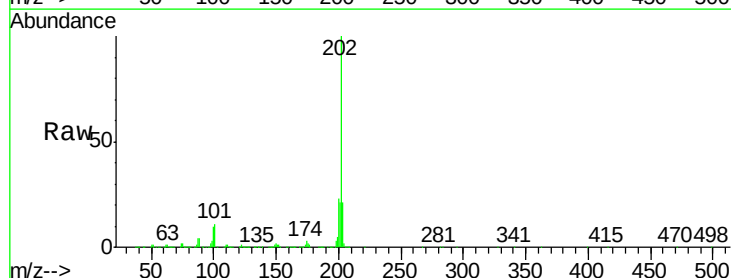
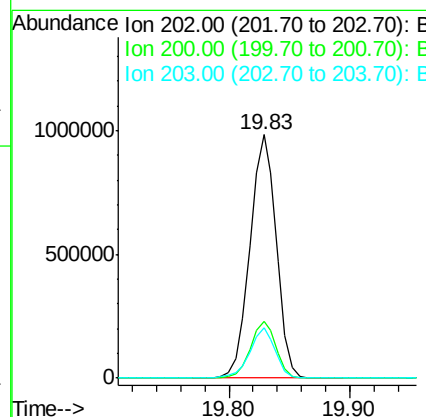
RT: 19.83 min Scan# 2849

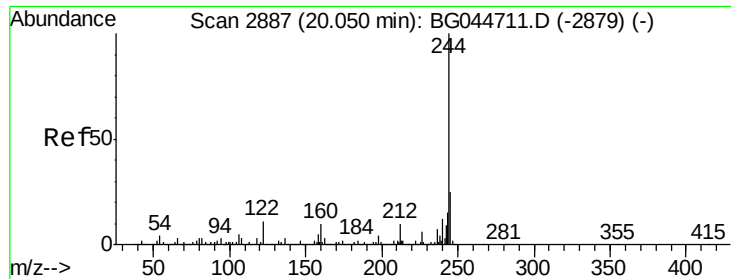
Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	202	Resp:	1487298
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.3	27.5
203	20.5	15.6	23.4





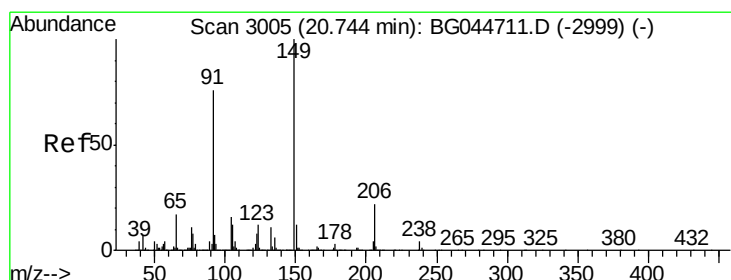
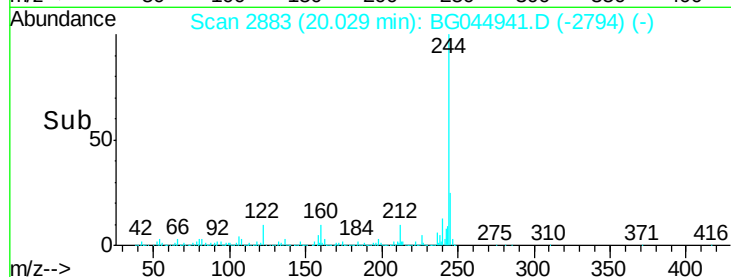
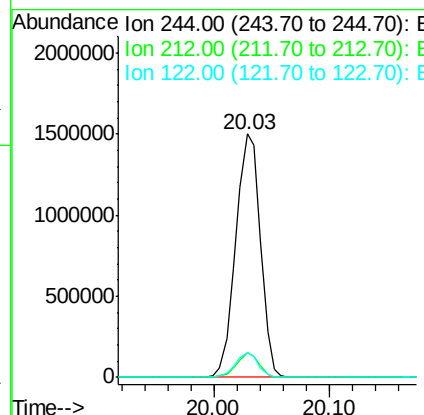
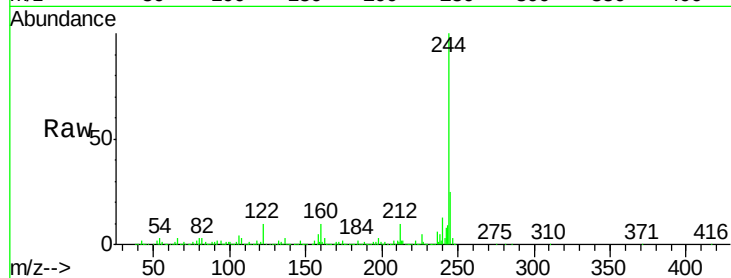
#79
 Terphenyl-d14
 Concen: 89.783 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.7	11.5
122	10.2	8.6	12.8

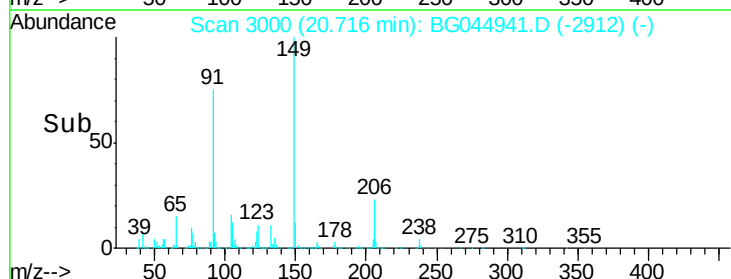
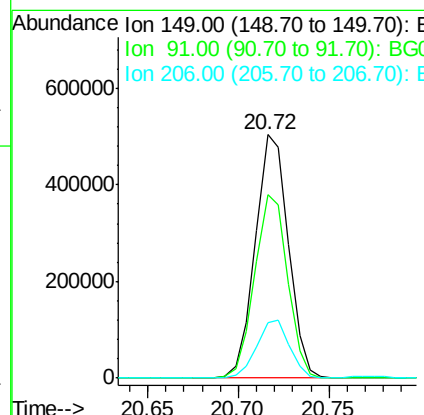
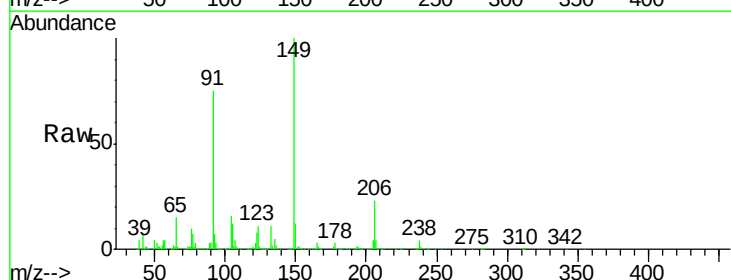
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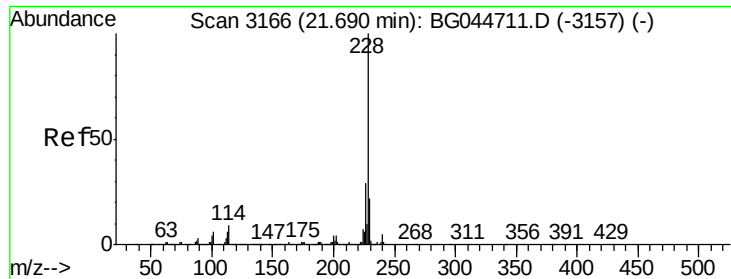
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#80
 Butylbenzylphthalate
 Concen: 42.476 ng
 RT: 20.72 min Scan# 3000
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.3	60.2	90.4
206	22.8	18.6	27.8





#81

Benzo(a)anthracene

Concen: 44.133 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

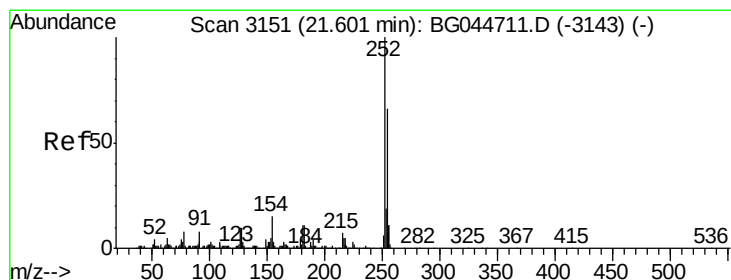
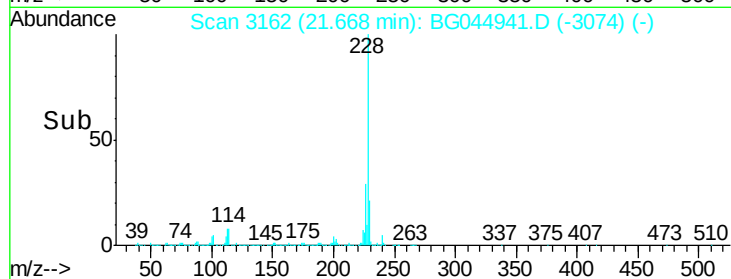
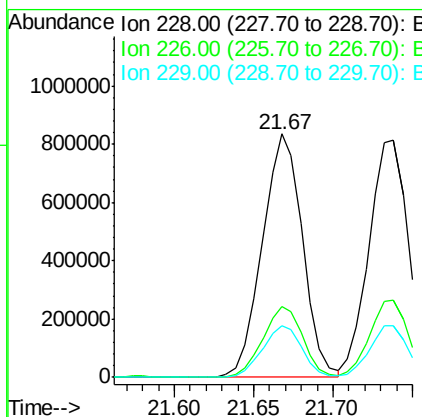
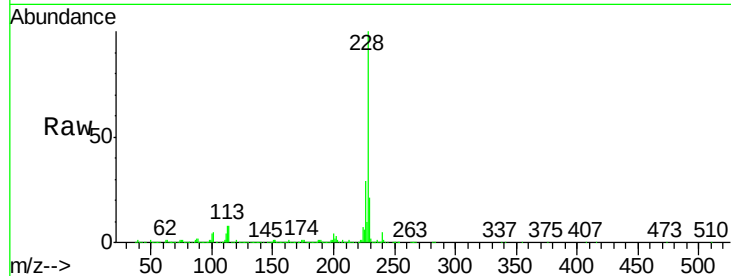
ClientSampled :

PB127786BS

Tot Ion:	228	Resp:	1467321
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	21.2	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 31.394 ng

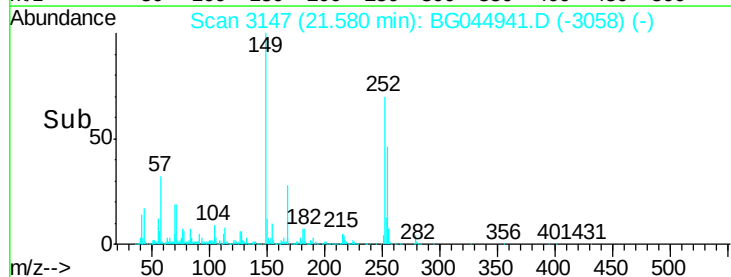
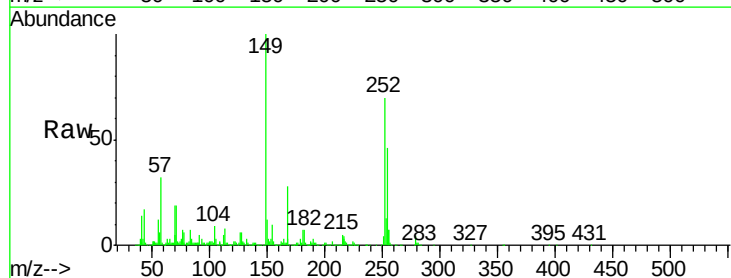
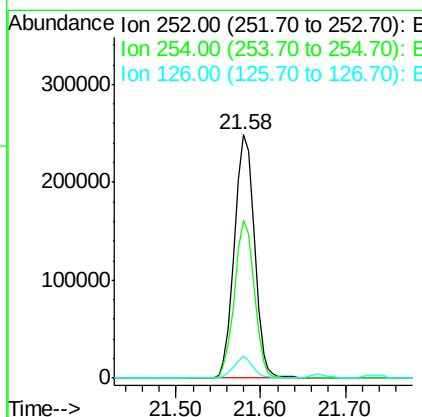
RT: 21.58 min Scan# 3147

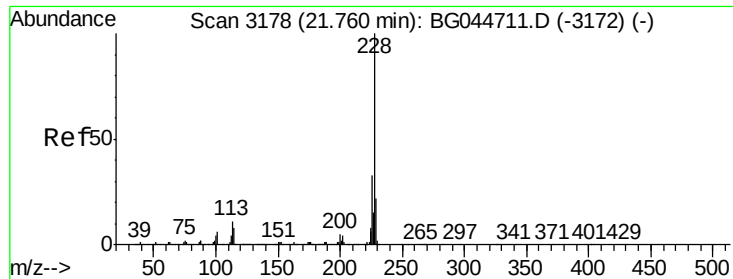
Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	252	Resp:	403793
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.6	77.4
126	9.0	7.0	10.6





#83

Chrysene

Concen: 44.389 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

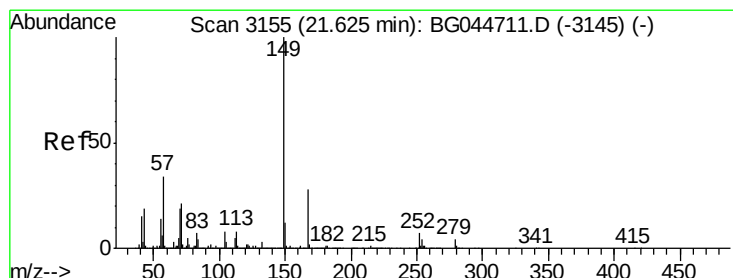
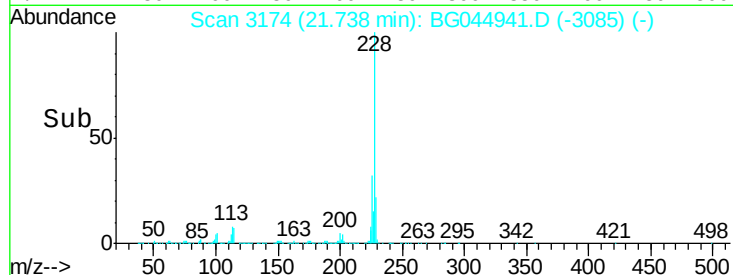
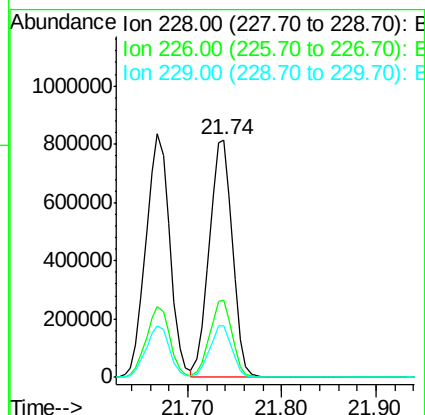
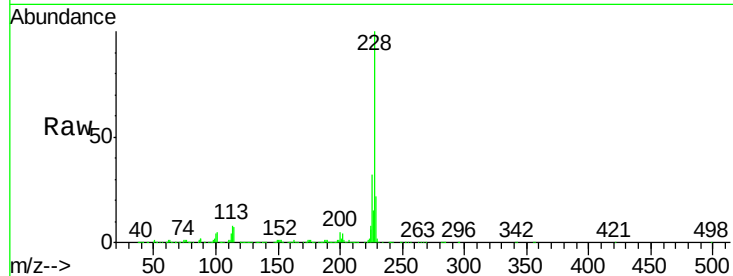
ClientSampled :

PB127786BS

Tot Ion:	228	Resp:	1409727
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.9	38.9
229	21.6	17.4	26.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.588 ng

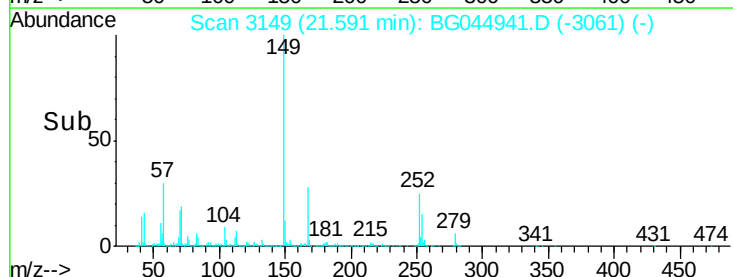
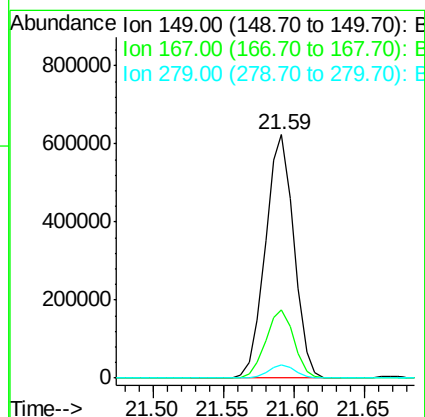
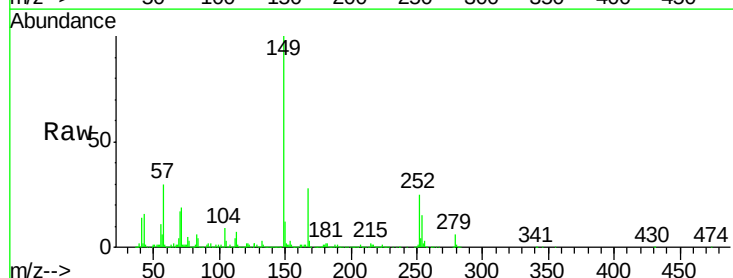
RT: 21.59 min Scan# 3149

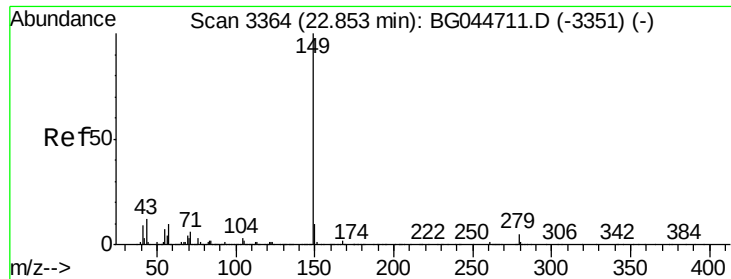
Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:	149	Resp:	885788
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.6
279	5.6	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 43.427 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.02 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

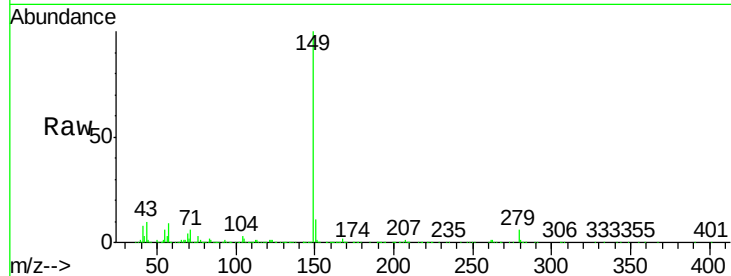
ClientSampleId :

PB127786BS

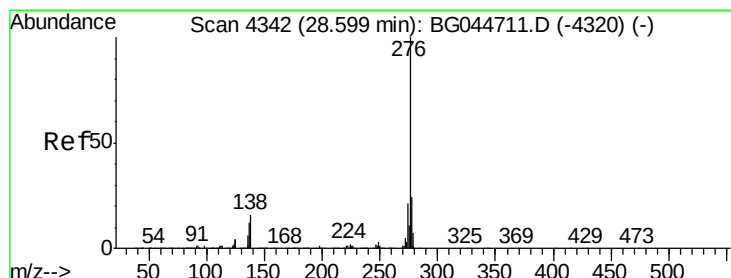
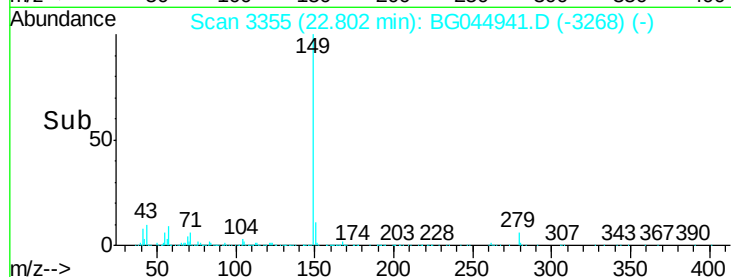
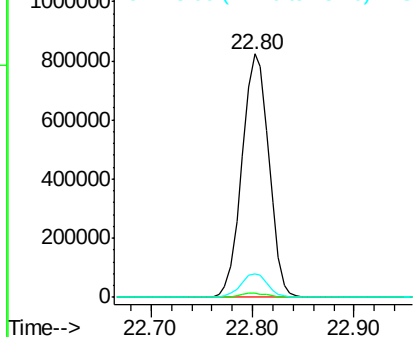
Tot Ion:	149	Resp:	1511477
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.6	8.2	12.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.899 ng

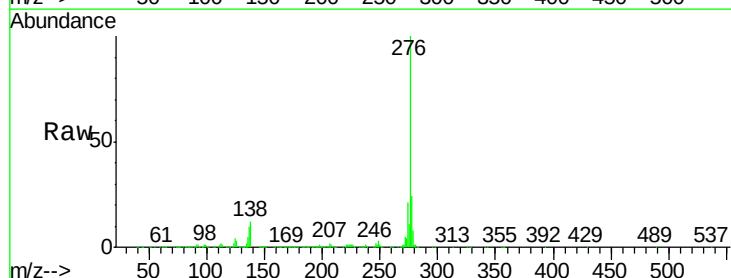
RT: 28.53 min Scan# 4330

Delta R.T. -0.04 min

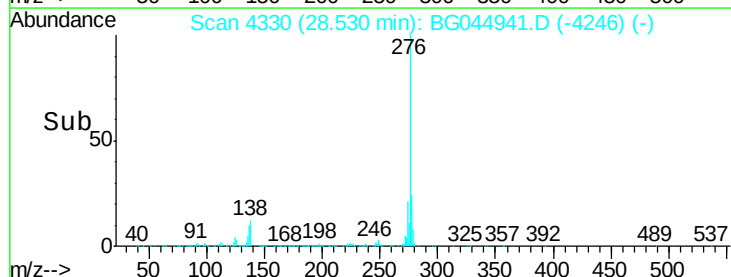
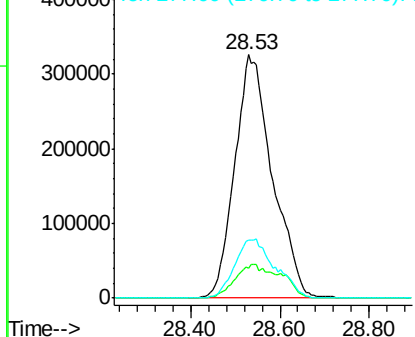
Lab File: BG044941.D

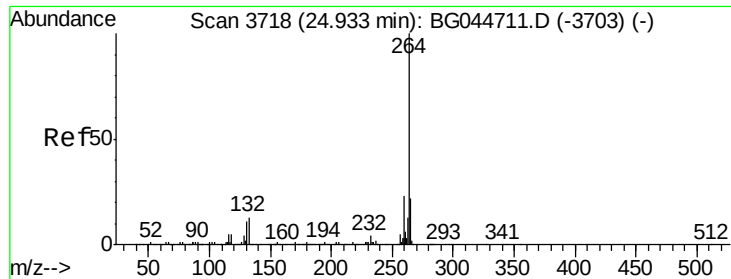
Acq: 24 Mar 2020 22:05

Tgt Ion:	276	Resp:	1911085
Ion	Ratio	Lower	Upper
276	100		
138	13.2	7.4	11.0#
277	26.0	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

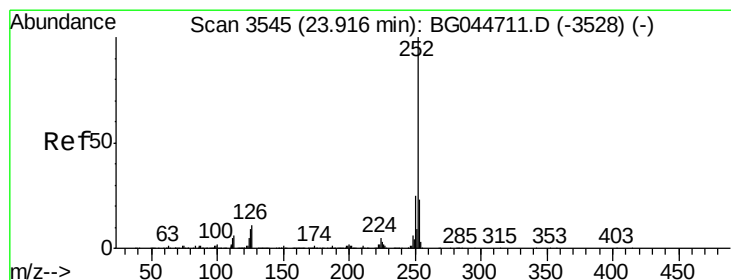
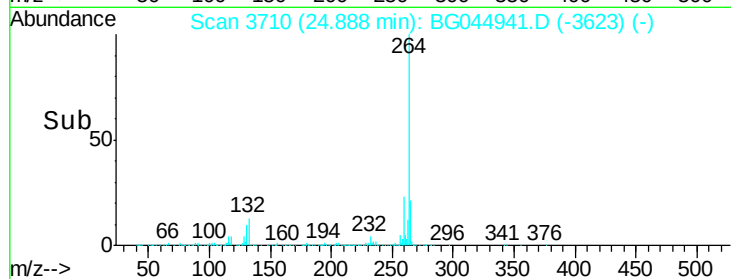
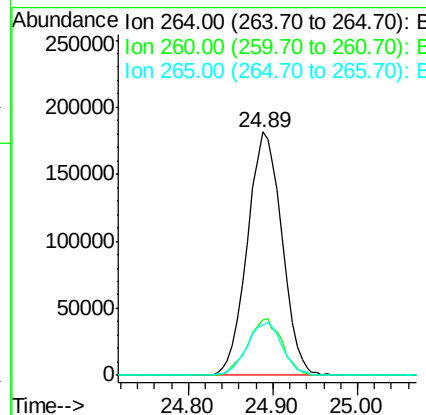
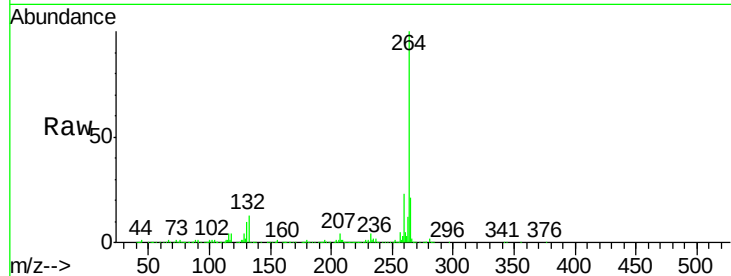
ClientSampleId :

PB127786BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.1	27.1
265	20.8	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 47.544 ng

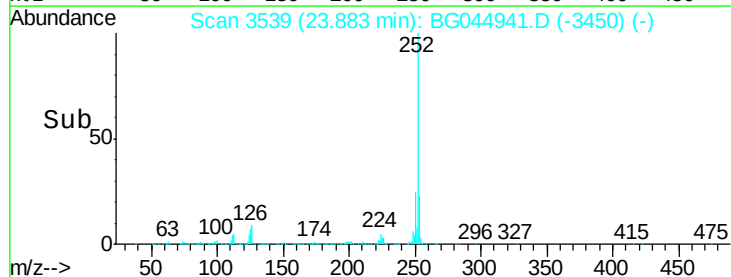
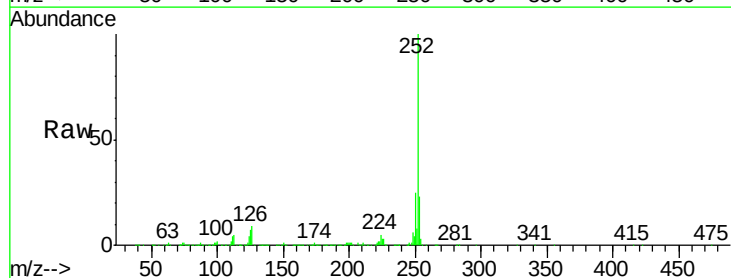
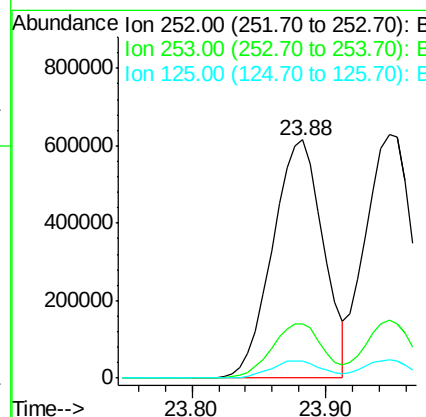
RT: 23.88 min Scan# 3539

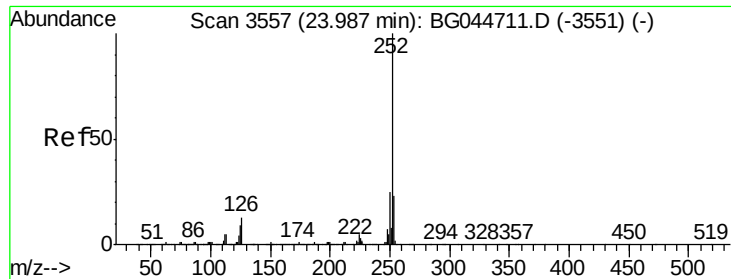
Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	7.0	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 47.666 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tot Ion:252 Resp: 1540696

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

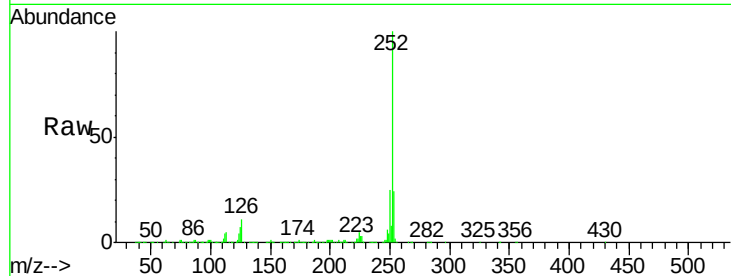
125 7.4 6.2 9.2

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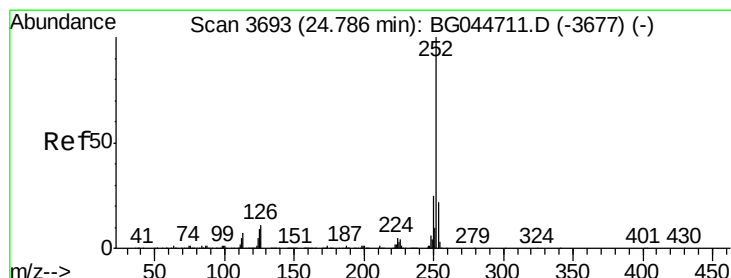
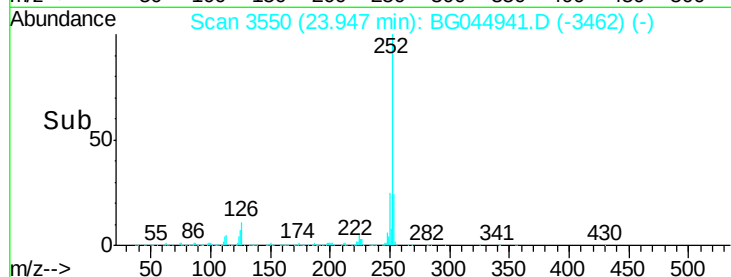
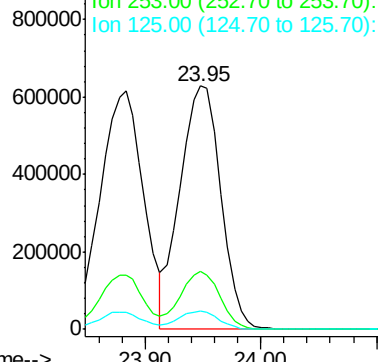
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.908 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

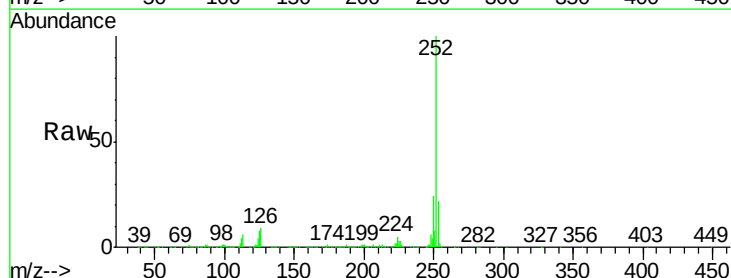
Tgt Ion:252 Resp: 1499163

Ion Ratio Lower Upper

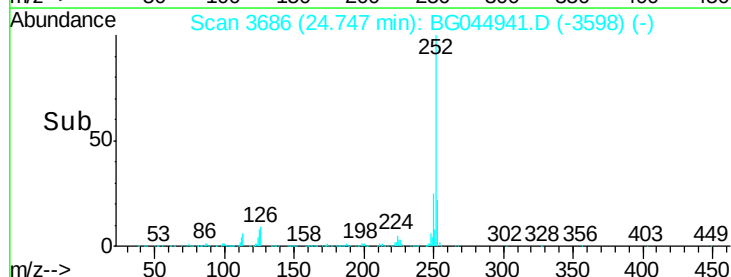
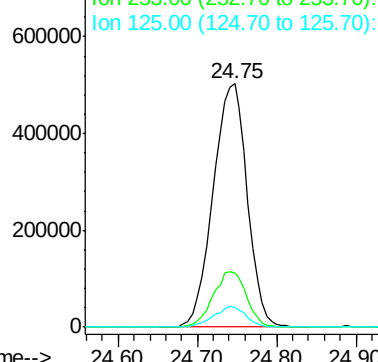
252 100

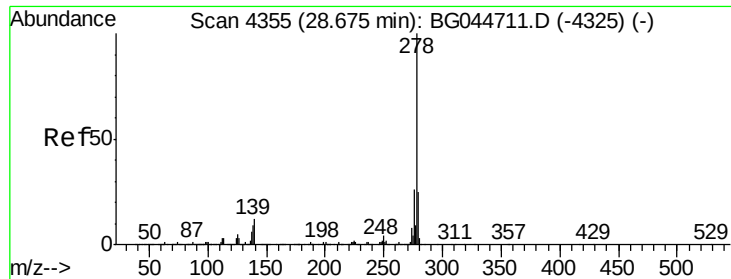
253 22.5 19.4 29.0

125 8.0 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





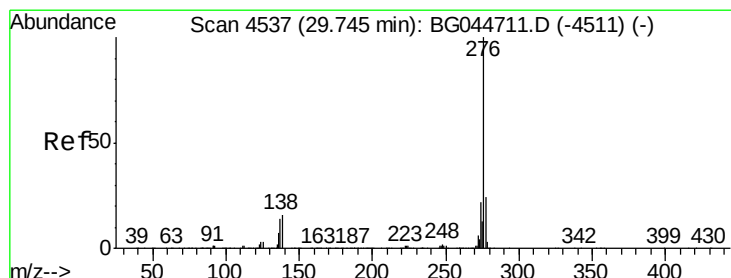
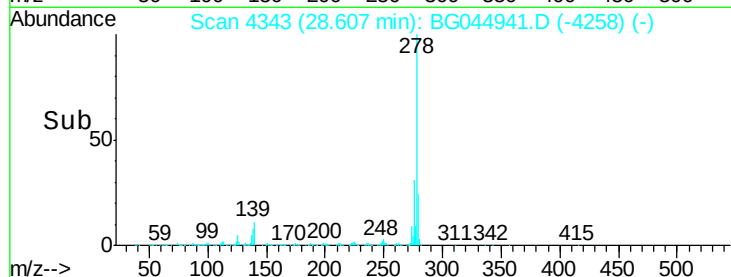
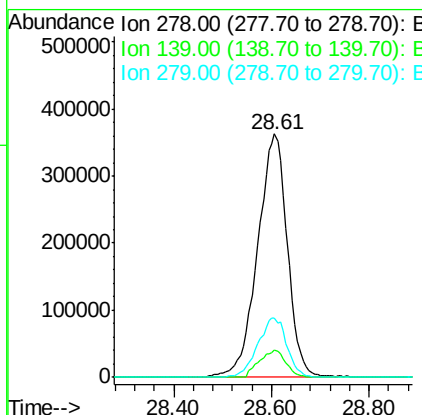
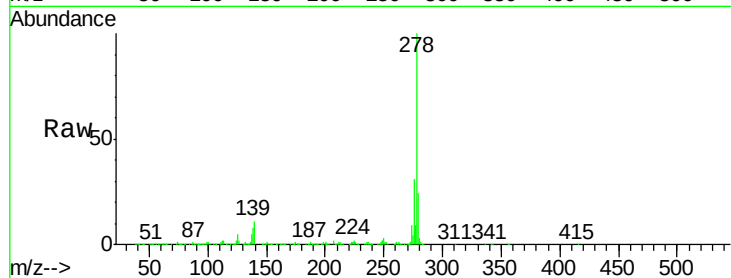
#91
Dibenzo(a,h)anthracene
Concen: 48.878 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	10.2	15.2
279	24.3	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 48.696 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	14.6	13.0	19.6

