

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044801.D
 Acq On : 14 Mar 2020 19:02
 Operator : CG/JU
 Sample : PB127536BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Manual Integrations
 APPROVED

mohammad
 3/18/2020 8:43:41 AM

Quant Time: Mar 16 04:01:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101246	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	411611	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	276836	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	595694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	499599	20.00	ng	0.00
87) Perylene-d12	24.92	264	576800	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	944324	145.19	ng	0.00
7) Phenol-d6	7.21	99	1297205	137.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	876066	93.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	529059	145.96	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1784339	92.30	ng	0.00
79) Terphenyl-d14	20.04	244	2546339	95.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	112625	35.960	ng	97
3) Pyridine	3.91	79	292576	31.555	ng	100
4) n-Nitrosodimethylamine	3.82	42	156074	44.366	ng	96
6) Aniline	7.37	93	465363	39.577	ng	94
8) 2-Chlorophenol	7.61	128	359629	55.391	ng	98
9) Benzaldehyde	7.18	77	288880	56.190	ng	94
10) Phenol	7.24	94	484440	51.781	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	347264	46.510	ng	97
12) 1,3-Dichlorobenzene	7.94	146	372213	46.539	ng	95
13) 1,4-Dichlorobenzene	8.08	146	377421	47.733	ng	98
14) 1,2-Dichlorobenzene	8.41	146	357454	47.667	ng	96
15) Benzyl Alcohol	8.28	79	380088	50.131	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	538778	40.890	ng	99
17) 2-Methylphenol	8.49	107	330584	52.165	ng	92
18) Hexachloroethane	9.14	117	144961	46.567	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	300786	45.078	ng	# 97
20) 3+4-Methylphenols	8.82	107	457793	52.404	ng	98
22) Acetophenone	8.87	105	542263	46.503	ng	# 99
24) Nitrobenzene	9.25	77	466141	47.893	ng	99
25) Isophorone	9.78	82	844544	46.132	ng	99
26) 2-Nitrophenol	9.96	139	196269	56.927	ng	94
27) 2,4-Dimethylphenol	10.03	122	338960	56.855	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	484158	44.315	ng	96
29) 2,4-Dichlorophenol	10.51	162	365903	52.546	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	401083	48.171	ng	99
31) Naphthalene	10.91	128	1091998	47.892	ng	98
32) Benzoic acid	10.17	122	244452	51.700	ng	94
33) 4-Chloroaniline	11.01	127	291151	28.342	ng	99
34) Hexachlorobutadiene	11.21	225	255533	46.668	ng	97
35) Caprolactam	11.79	113	129050m	48.948	ng	
36) 4-Chloro-3-methylphenol	12.13	107	420941	50.685	ng	96
37) 2-Methylnaphthalene	12.51	142	830525	48.693	ng	98
38) 1-Methylnaphthalene	12.74	142	782672	48.810	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	453483	49.740	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	264174	53.020	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	321644	53.160	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	334546	53.316	ng	96
46) 1,1'-Biphenyl	13.53	154	1024045	46.289	ng	97
47) 2-Chloronaphthalene	13.57	162	790015	46.747	ng	100
48) 2-Nitroaniline	13.75	65	296551	50.123	ng	99
49) Acenaphthylene	14.41	152	1297568	49.009	ng	99
50) Dimethylphthalate	14.14	163	999466	45.330	ng	100
51) 2,6-Dinitrotoluene	14.25	165	235820	53.061	ng	96
52) Acenaphthene	14.75	154	841302	48.520	ng	98
53) 3-Nitroaniline	14.58	138	193954	37.958	ng	99
54) 2,4-Dinitrophenol	14.78	184	121767	55.300	ng	# 70
55) Dibenzofuran	15.08	168	1218143	48.446	ng	99
56) 4-Nitrophenol	14.89	139	395923	101.529	ng	98
57) 2,4-Dinitrotoluene	15.04	165	322624	52.930	ng	92
58) Fluorene	15.73	166	991354	47.929	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	312411	54.078	ng	93
60) Diethylphthalate	15.51	149	1036863	45.088	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	539990	48.484	ng	97
62) 4-Nitroaniline	15.74	138	222454	40.829	ng	98
63) Azobenzene	16.02	77	1090159	45.650	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	101147	38.001	ng	97
66) n-Nitrosodiphenylamine	15.94	169	888798	49.558	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	368113	49.431	ng	95
68) Hexachlorobenzene	16.74	284	401873	49.742	ng	99
69) Atrazine	16.89	200	342157	52.073	ng	99
70) Pentachlorophenol	17.09	266	486258	109.387	ng	96
71) Phenanthrene	17.47	178	1536266	48.260	ng	98
72) Anthracene	17.57	178	1564922	49.856	ng	99
73) Carbazole	17.83	167	1451255	48.132	ng	99
74) Di-n-butylphthalate	18.40	149	1706246	46.552	ng	99
75) Fluoranthene	19.48	202	1827472	48.215	ng	99
77) Benzidine	19.65	184	1369523	84.440	ng	98
78) Pyrene	19.84	202	1809952	49.379	ng	98
80) Butylbenzylphthalate	20.73	149	781403	47.919	ng	98
81) Benzo(a)anthracene	21.68	228	1768091	49.148	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	630978	45.337	ng	99
83) Chrysene	21.75	228	1660177	48.311	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	1078978	47.944	ng	# 98
85) Di-n-octyl phthalate	22.83	149	1849708	49.116	ng	99
86) Indeno(1,2,3-cd)pyrene	28.58	276	2070761	45.964	ng	# 93
88) Benzo(b)fluoranthene	23.91	252	1849283	48.564	ng	99
89) Benzo(k)fluoranthene	23.97	252	1780033	49.396	ng	98
90) Benzo(a)pyrene	24.77	252	1704376	47.834	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1708609	48.607	ng	97
92) Benzo(g,h,i)perylene	29.72	276	1552531	43.715	ng	99

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

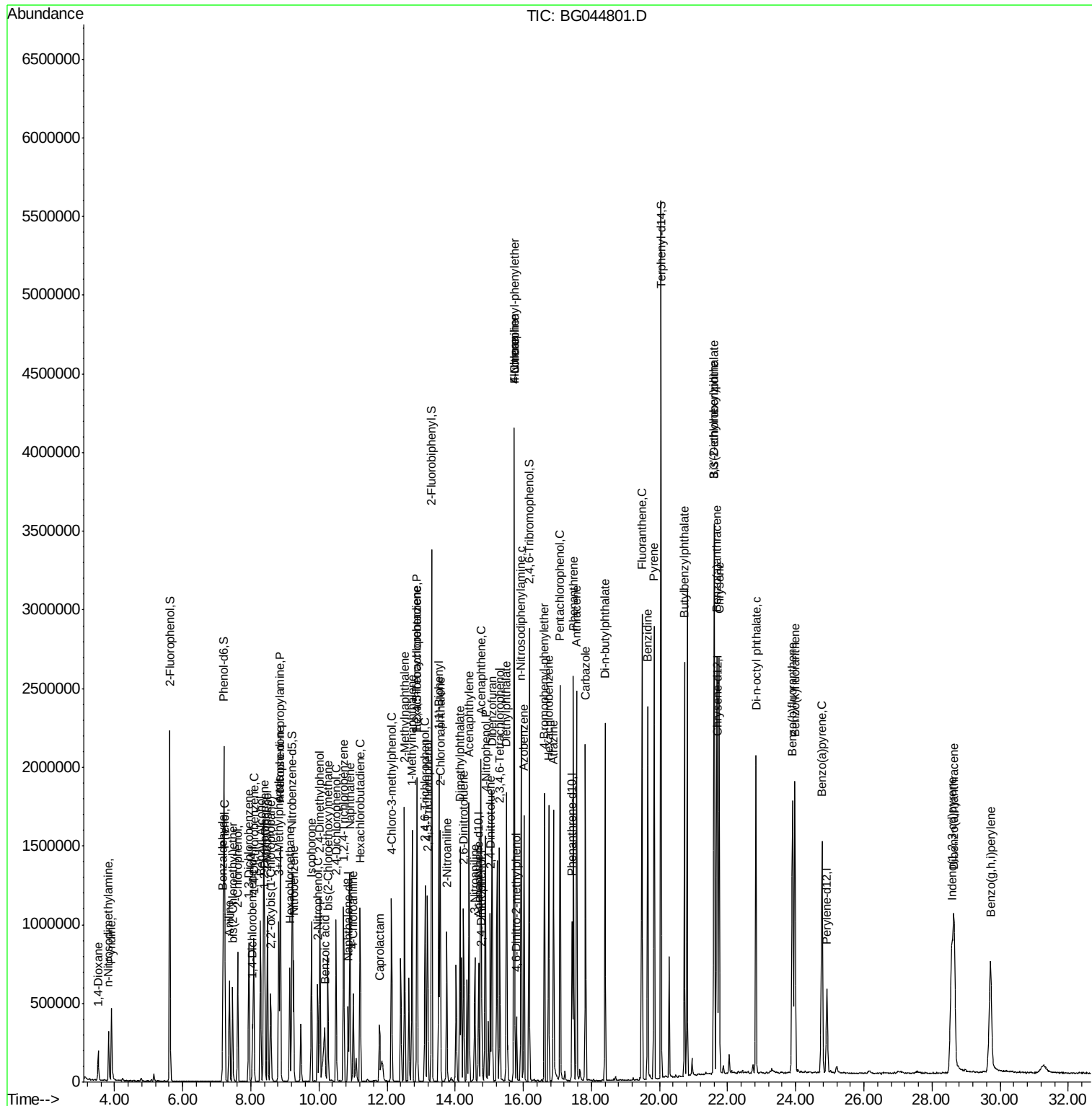
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Operator  : CG/JU
Sample    : PB127536BS
Misc      :
ALS Vial  : 35      Sample Multiplier: 1
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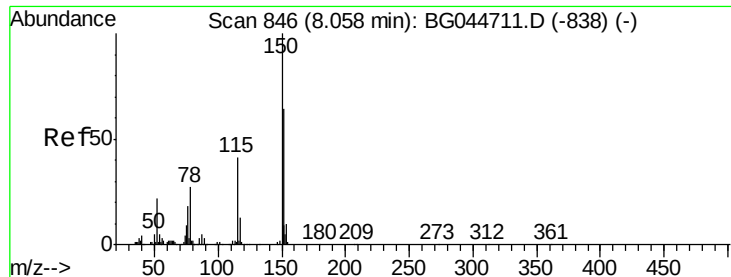
Instrument :
BNA_G
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

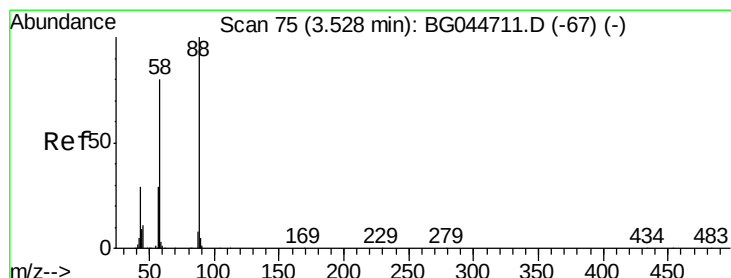
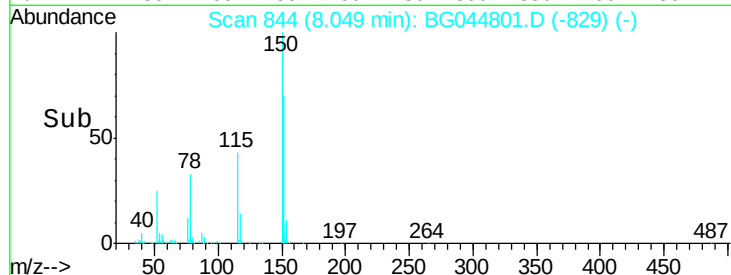
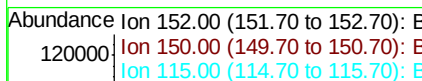
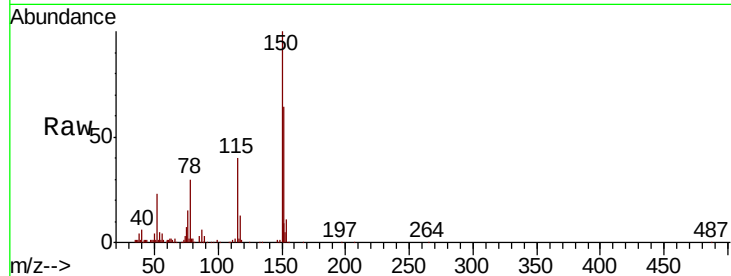
ClientSampleId :

PB127536BS

Tot Ion:	152	Resp:	101246
Ion Ratio	Lower	Upper	
152	100		
150	155.5	125.3	187.9
115	61.4	51.7	77.5

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#2

1,4-Dioxane

Concen: 35.960 ng

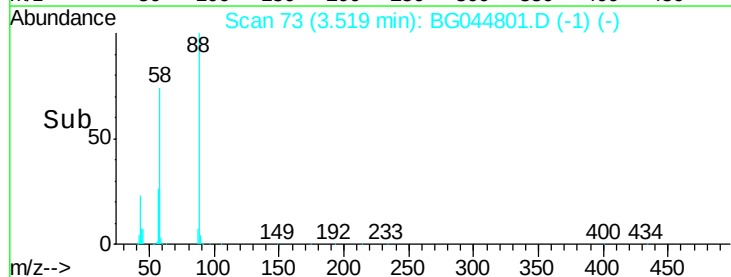
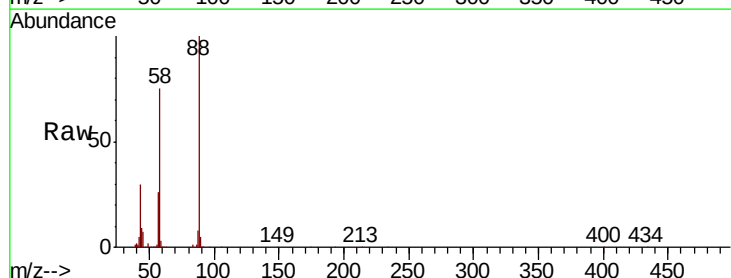
RT: 3.52 min Scan# 73

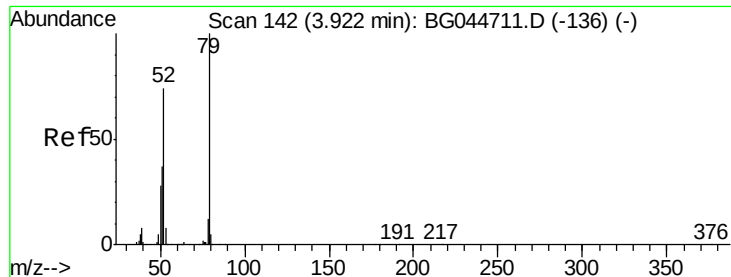
Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	88	Resp:	112625
Ion Ratio	Lower	Upper	
88	100		
58	75.6	63.0	94.4
43	28.8	23.2	34.8





#3

Pvridine

Concen: 31.555 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

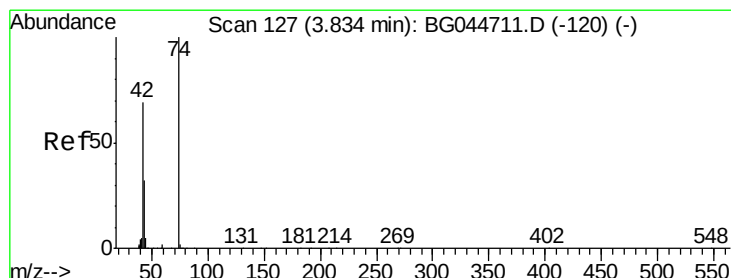
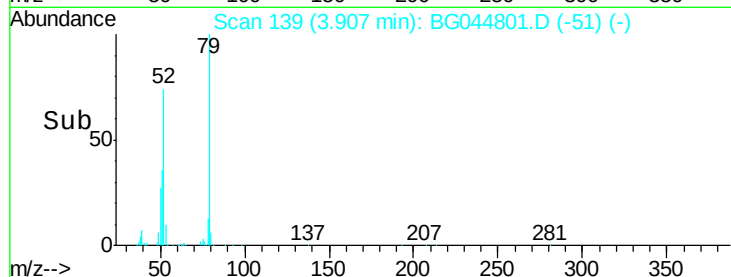
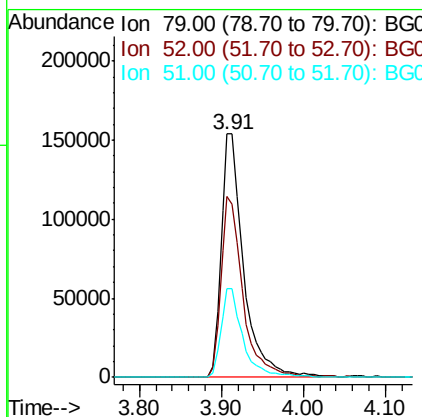
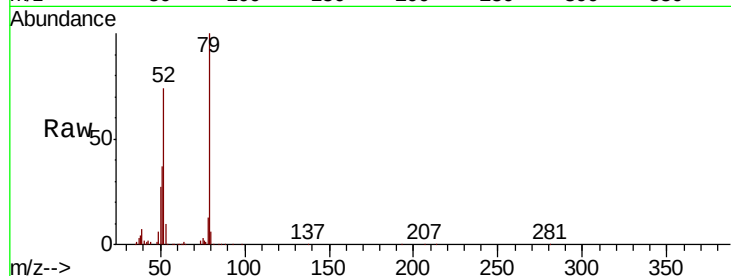
ClientSampleId :

PB127536BS

Tot Ion:	79	Resp:	292576
Ion Ratio	Lower	Upper	
79	100		
52	74.2	59.4	89.2
51	36.6	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 44.366 ng

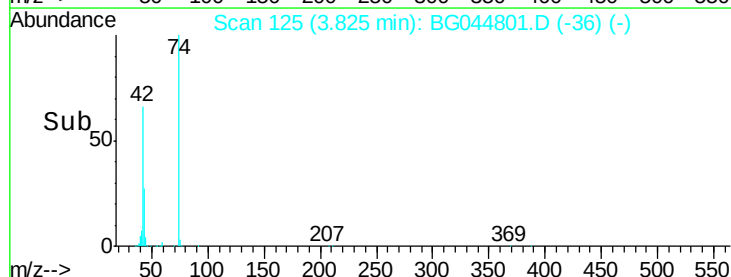
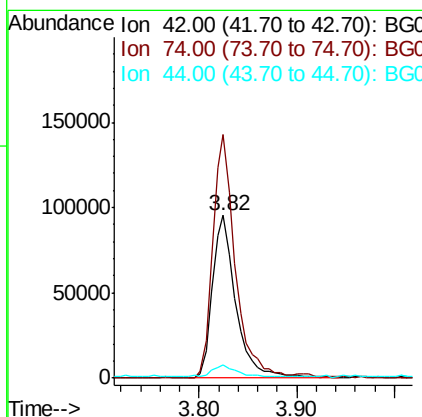
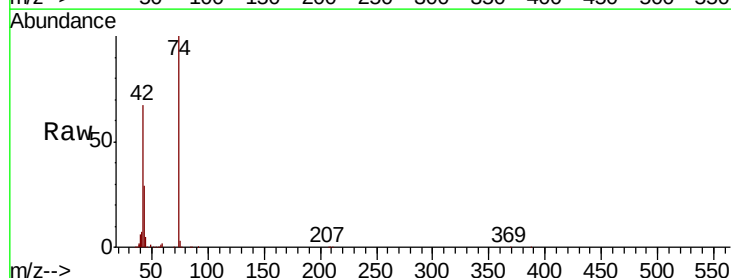
RT: 3.82 min Scan# 125

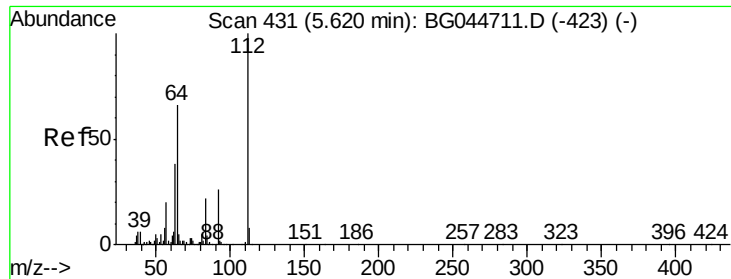
Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	42	Resp:	156074
Ion Ratio	Lower	Upper	
42	100		
74	149.7	116.1	174.1
44	7.9	7.1	10.7





#5

2-Fluorophenol

Concen: 145.193 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

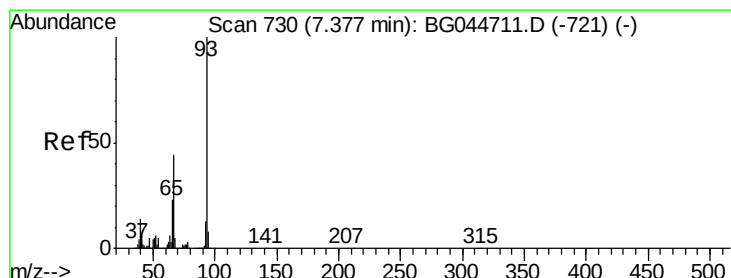
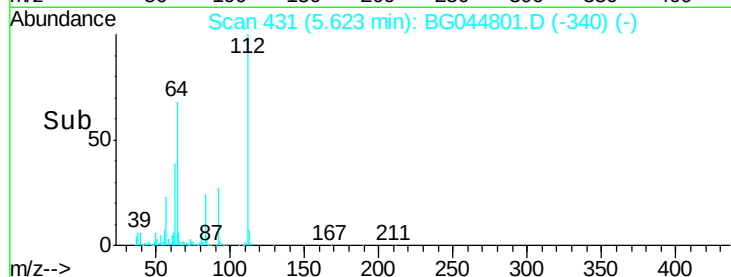
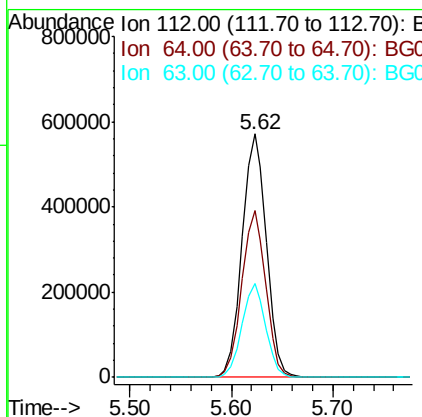
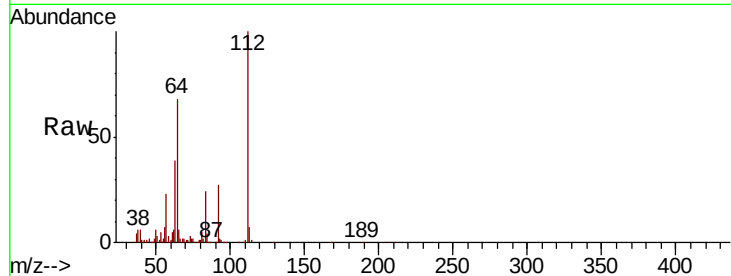
ClientSampleId :

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Tot Ion:	112	Resp:	944324
Ion Ratio	Lower	Upper	
112	100		
64	68.3	52.6	78.8
63	38.7	30.2	45.4

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#6

Aniline

Concen: 39.577 ng

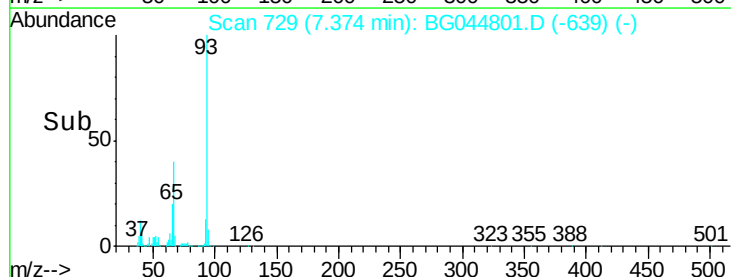
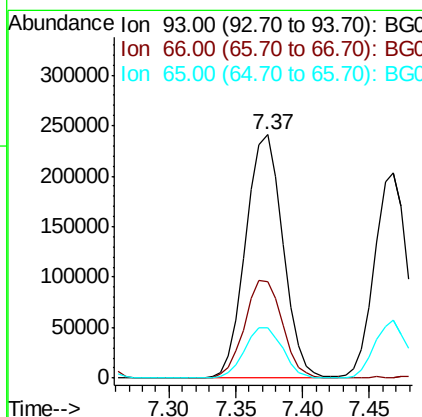
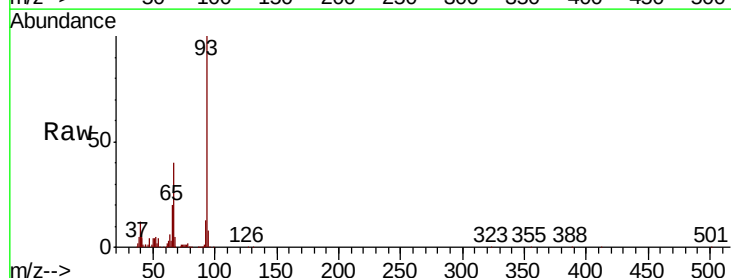
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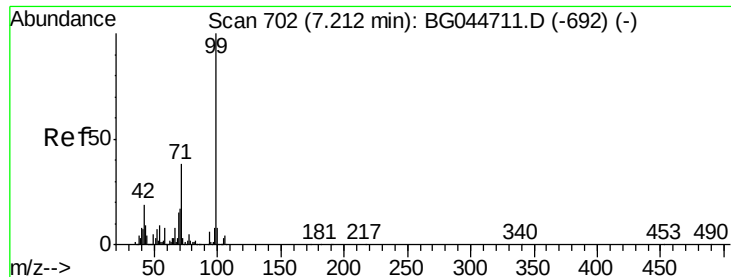
Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	93	Resp:	465363
Ion Ratio	Lower	Upper	
93	100		
66	39.9	35.3	52.9
65	20.4	18.2	27.4





#7

Phenol-d6

Concen: 137.274 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion: 99 Resp: 1297205

Ion Ratio Lower Upper

99 100

42 18.3 15.4 23.0

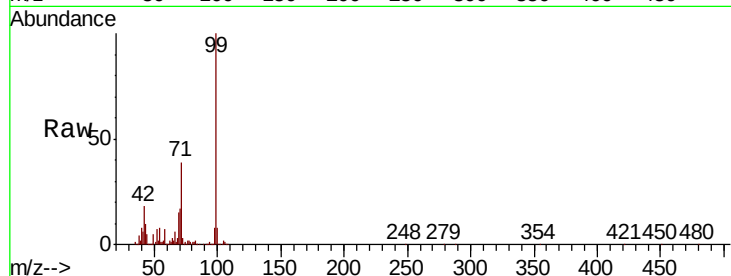
71 38.7 30.2 45.4

Manual Integrations

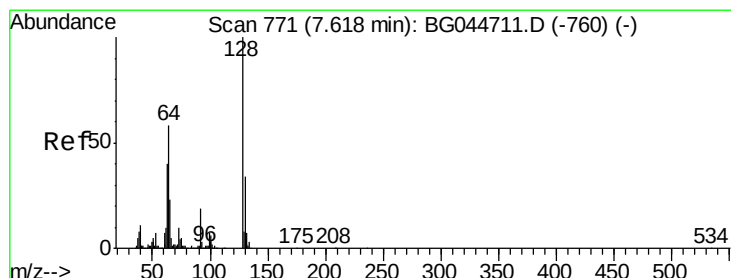
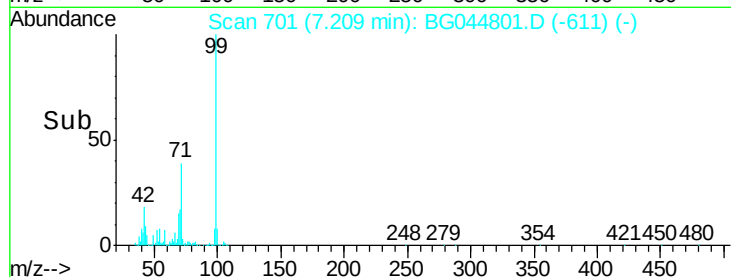
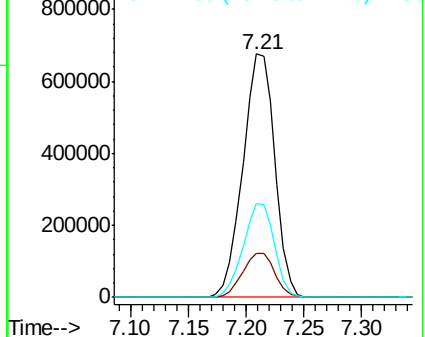
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 55.391 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

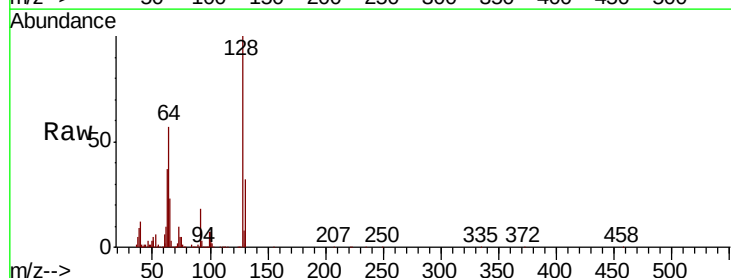
Tgt Ion: 128 Resp: 359629

Ion Ratio Lower Upper

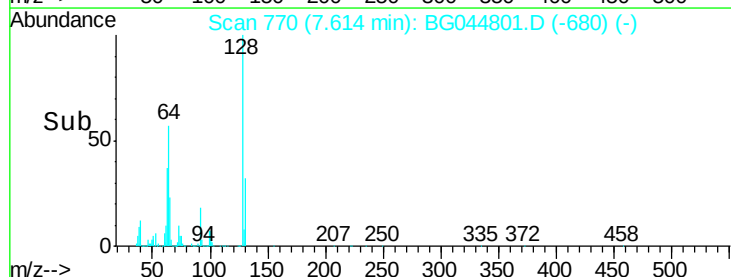
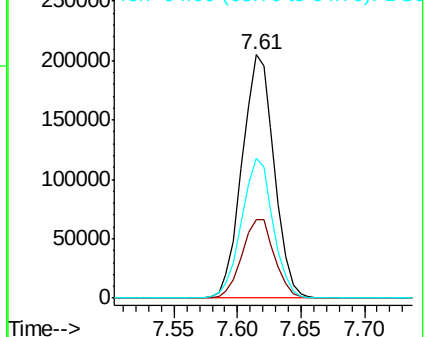
128 100

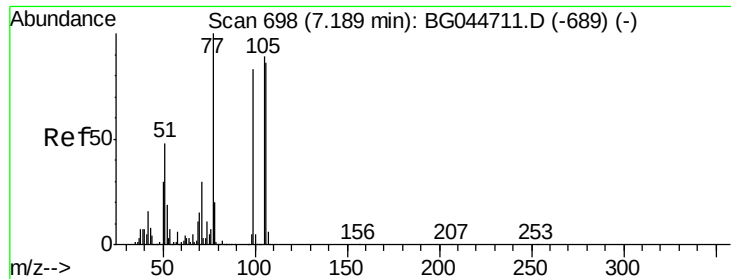
130 32.0 13.6 53.6

64 57.4 38.6 78.6



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: 56.190 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

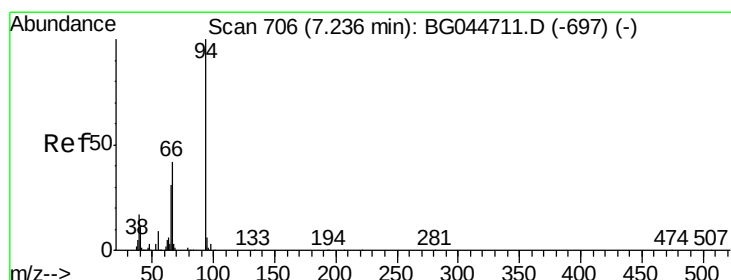
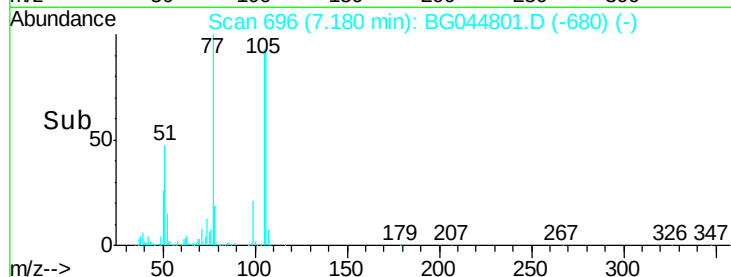
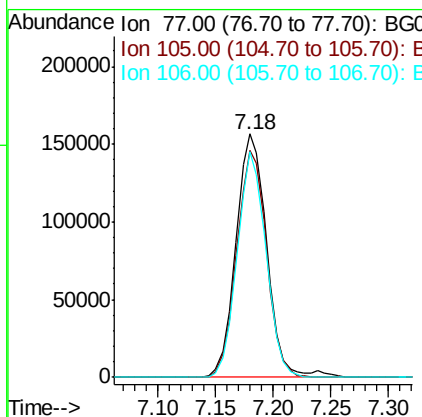
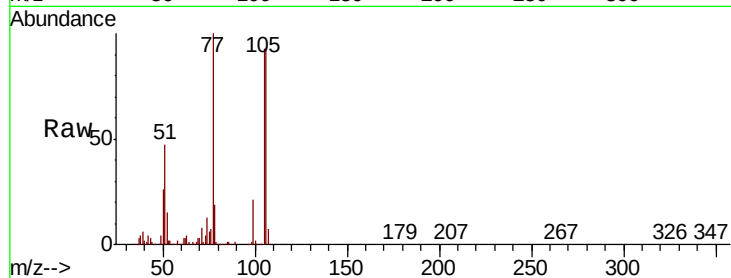
ClientSampleId :

PB127536BS

Tot Ion:	77	Resp:	288880
Ion Ratio	Lower	Upper	
77	100		
105	93.1	68.6	108.6
106	92.6	65.9	105.9

Manual Integrations
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#10

Phenol

Concen: 51.781 ng

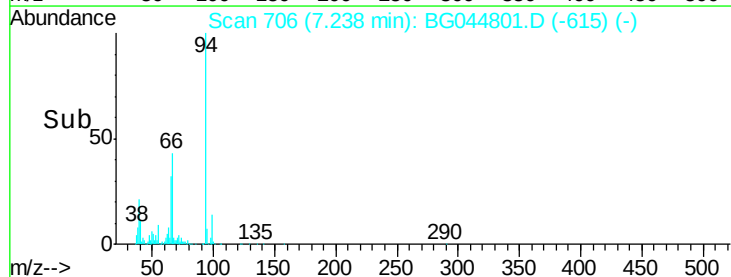
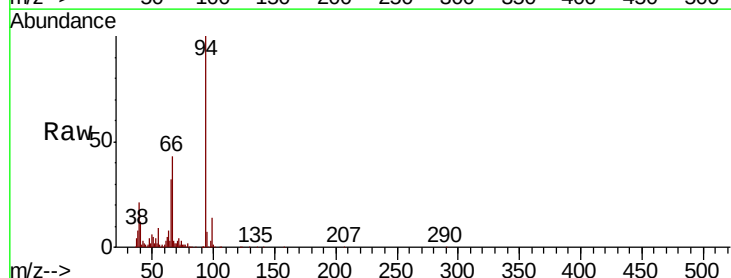
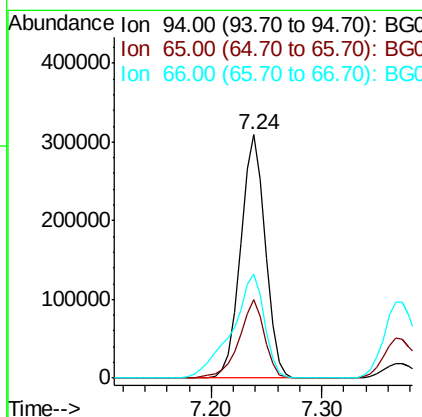
RT: 7.24 min Scan# 706

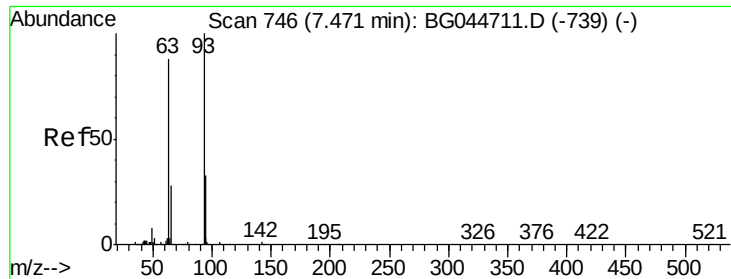
Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	94	Resp:	484440
Ion Ratio	Lower	Upper	
94	100		
65	32.4	11.3	51.3
66	42.6	22.9	62.9





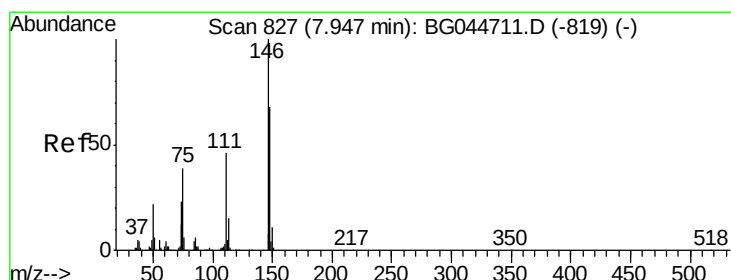
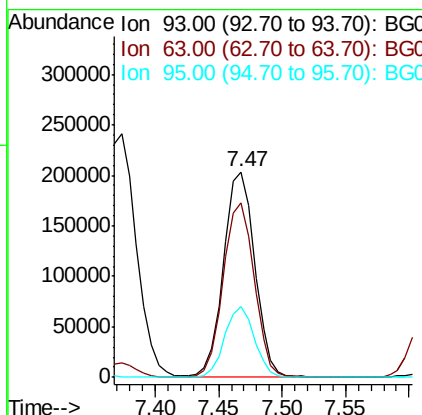
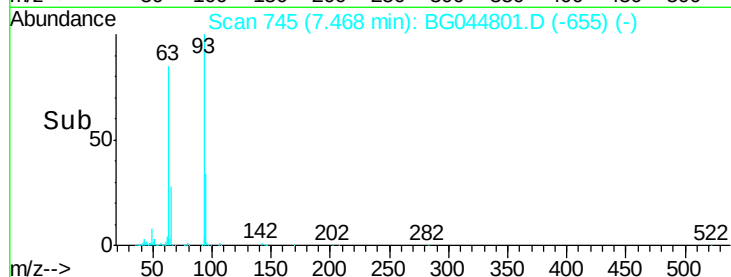
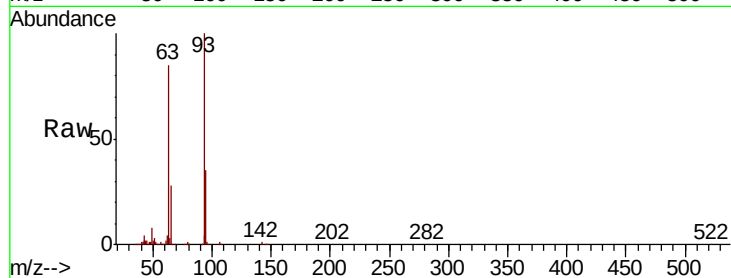
#11
bis(2-Chloroethyl)ether
Concen: 46.510 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.2	68.1	108.1
95	34.5	12.4	52.4

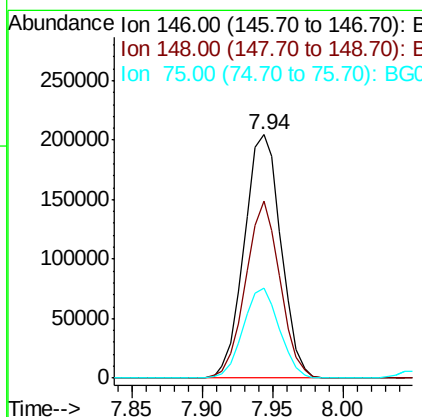
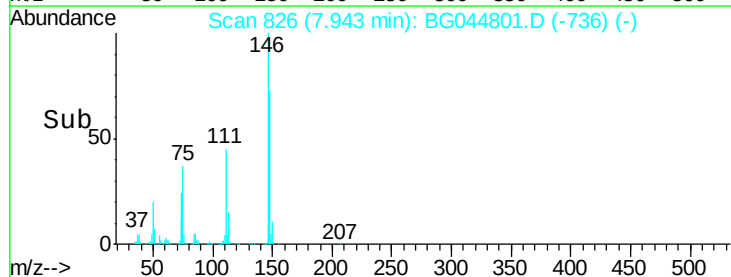
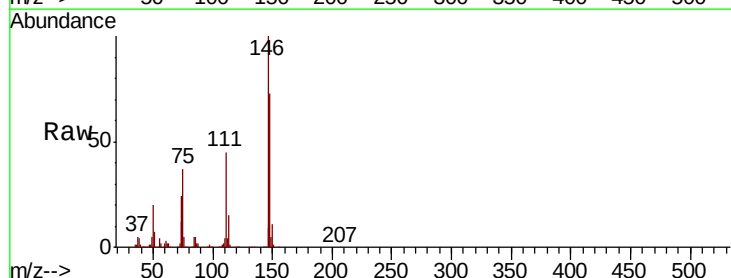
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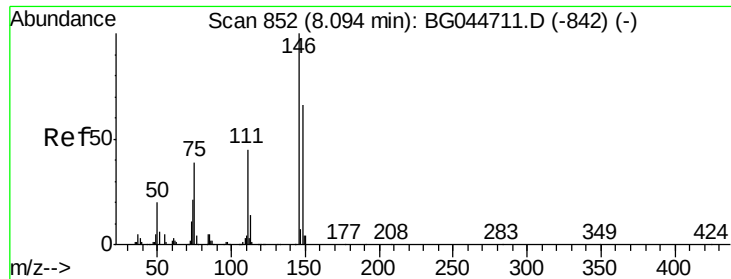
mohammad
3/18/2020 8:43:41 AM



#12
1,3-Dichlorobenzene
Concen: 46.539 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	72.6	54.2	81.2
75	37.0	31.3	46.9





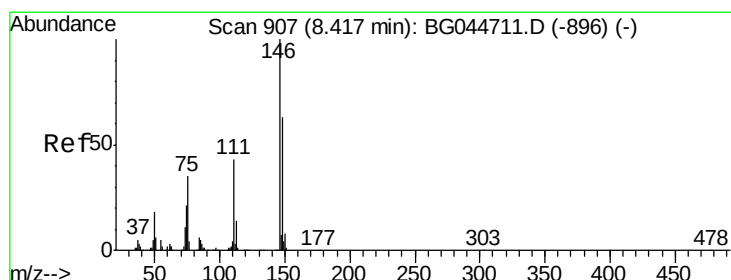
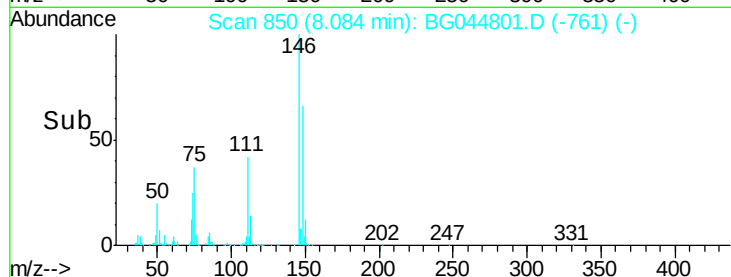
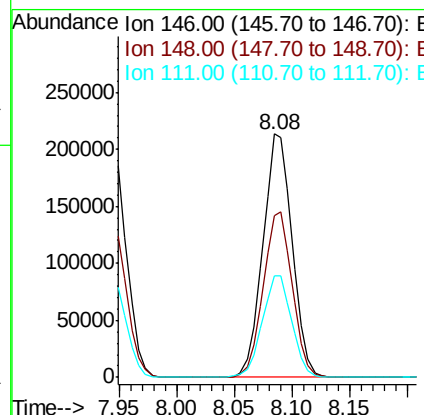
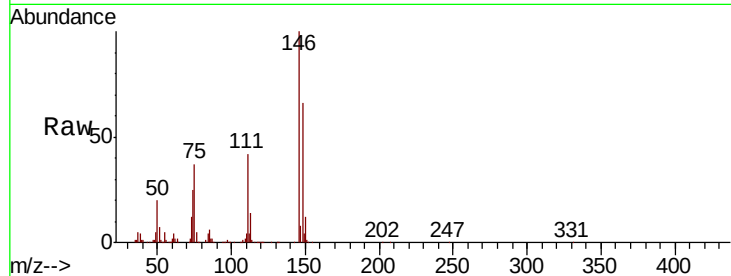
#13
 1,4-Dichlorobenzene
 Concen: 47.733 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.9	79.3
111	41.6	35.6	53.4

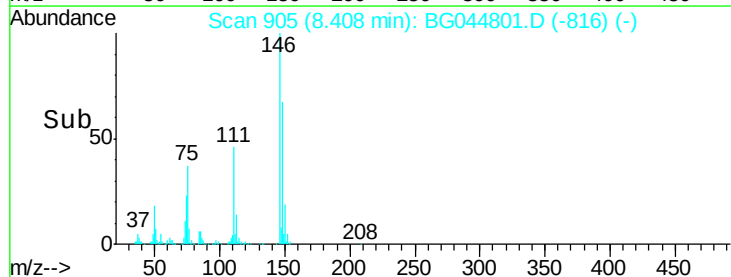
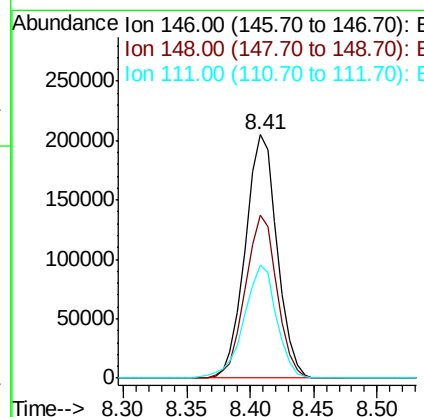
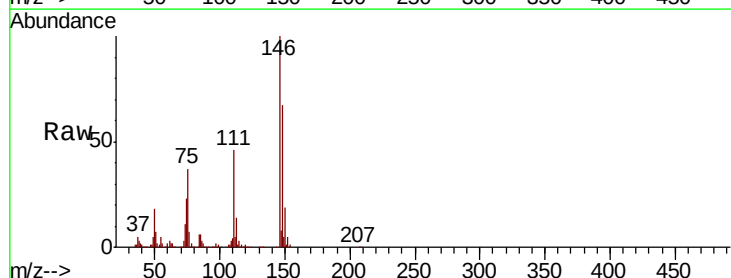
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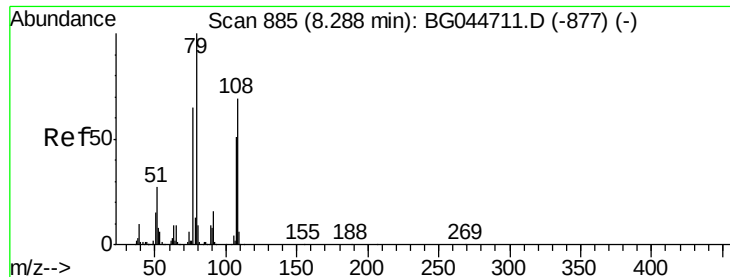
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.667 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.8	76.2
111	46.2	34.8	52.2





#15

Benzyl Alcohol

Concen: 50.131 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

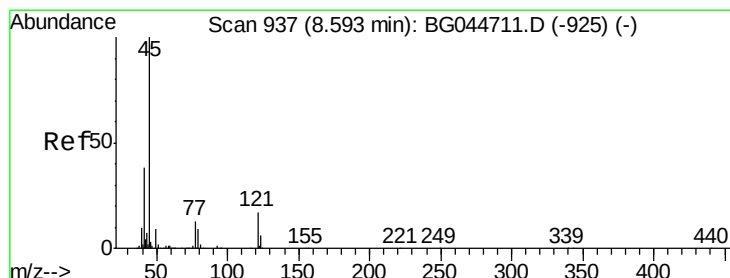
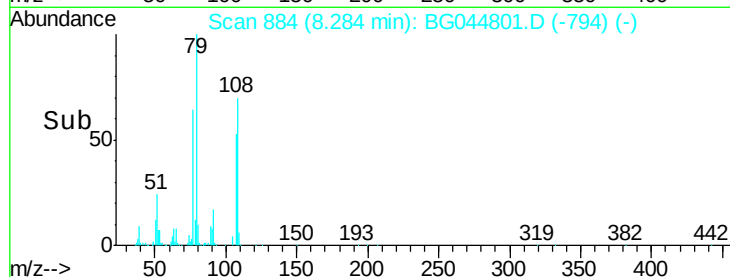
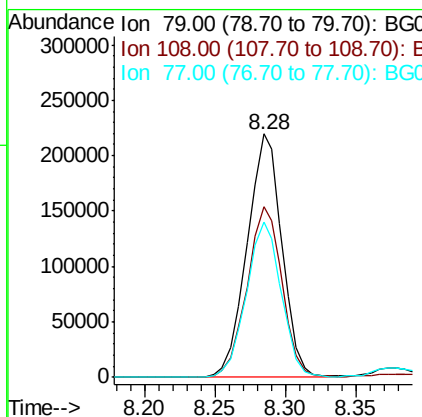
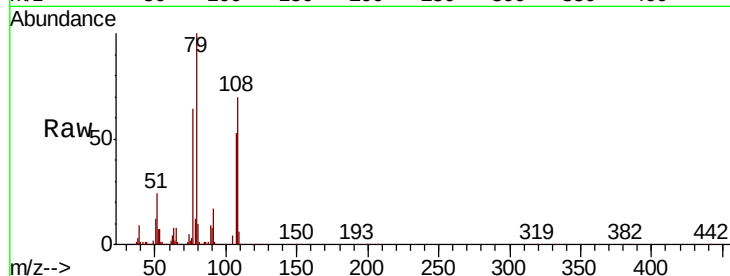
ClientSampleId :

PB127536BS

Tot Ion:	79	Resp:	380088
Ion	Ratio	Lower	Upper
79	100		
108	69.9	55.4	83.0
77	63.6	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.890 ng

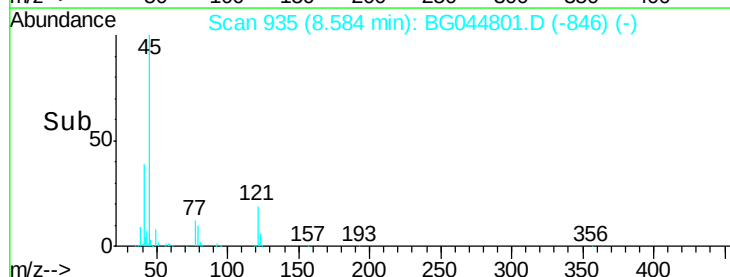
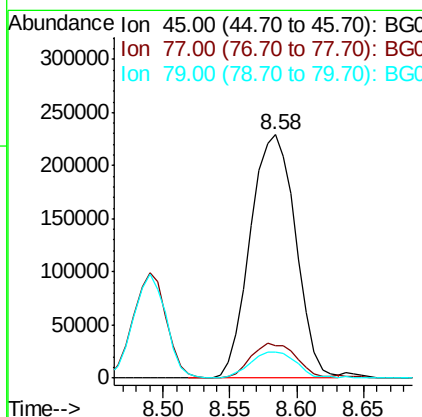
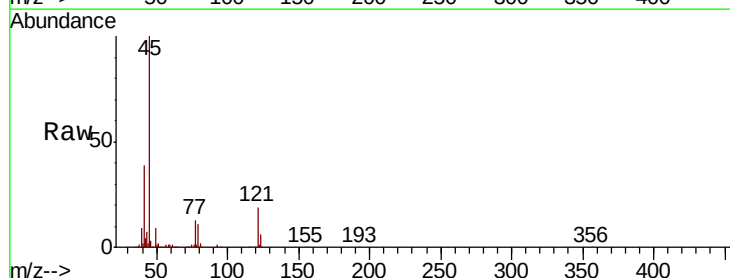
RT: 8.58 min Scan# 935

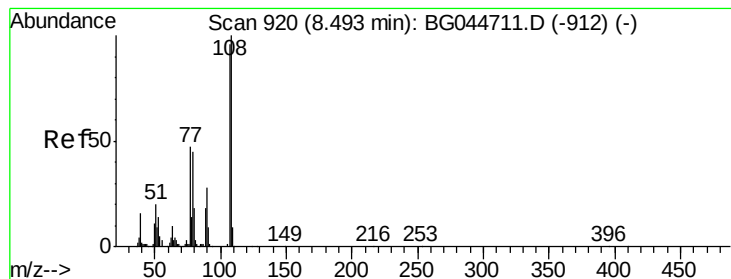
Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	45	Resp:	538778
Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.4
79	10.6	0.0	30.0





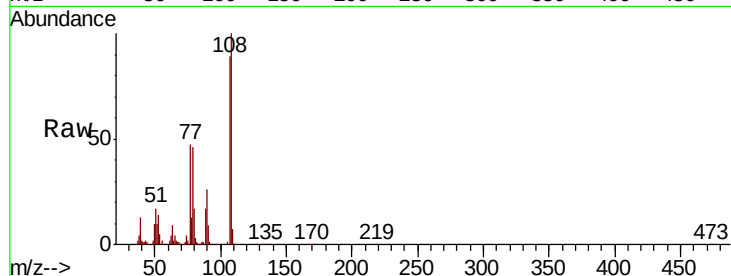
#17
2-Methylphenol
Concen: 52.165 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	83.2	124.8	
77	53.1	39.0	58.6	
79	52.2	37.6	56.4	

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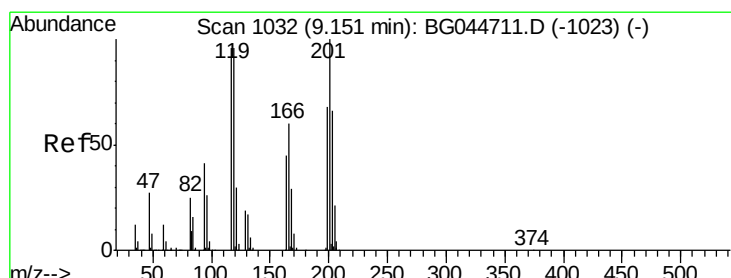
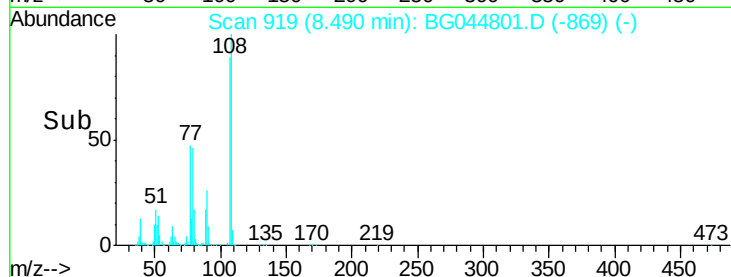
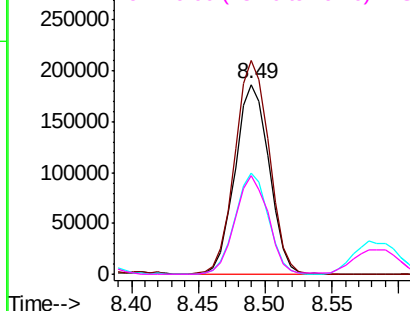
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

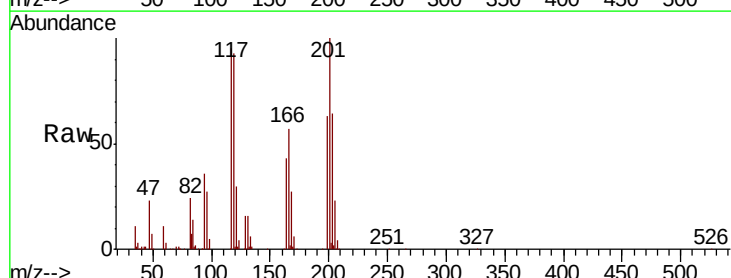
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.567 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	80.2	120.4	
201	105.3	83.4	125.2	

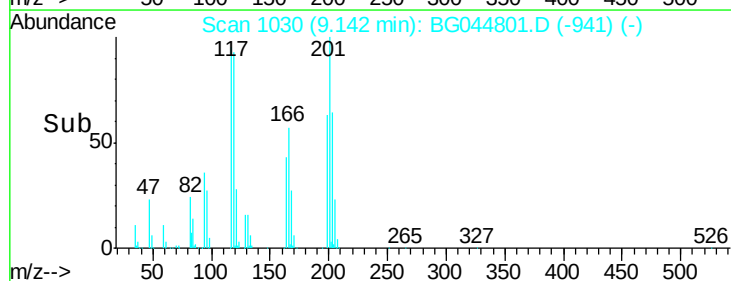
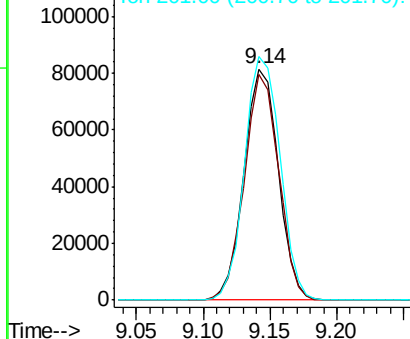


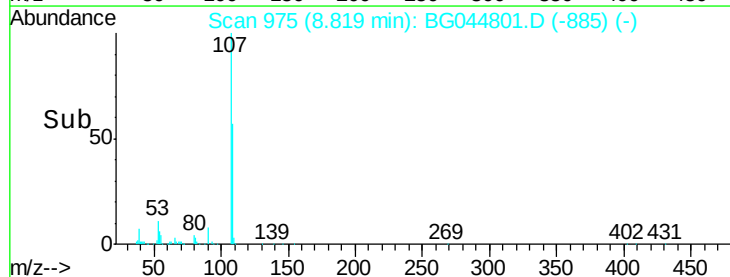
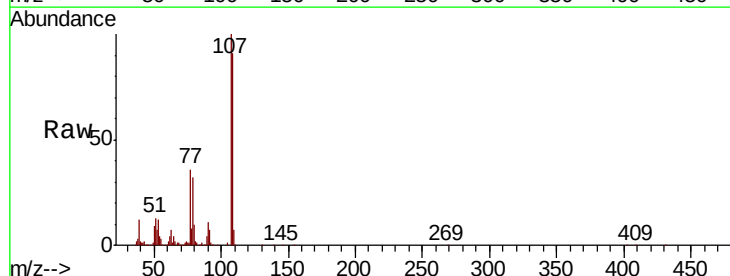
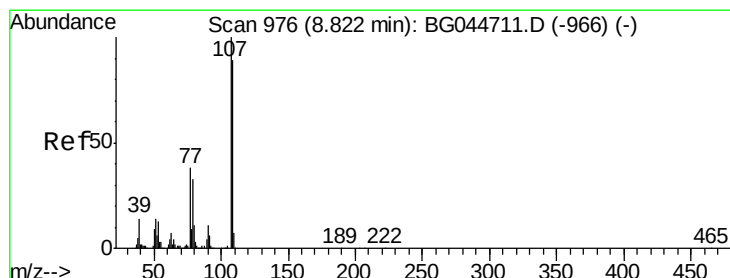
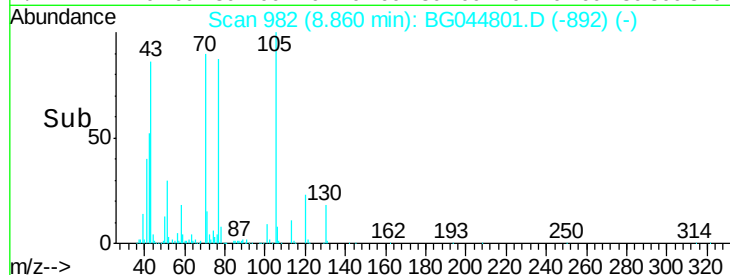
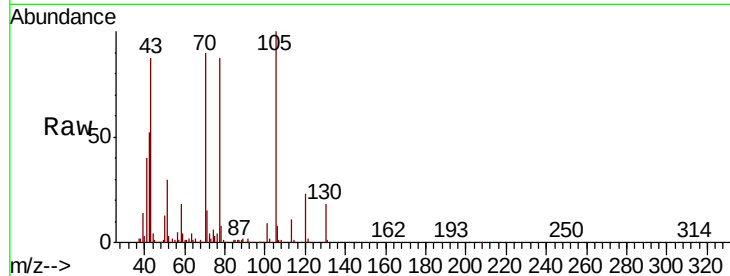
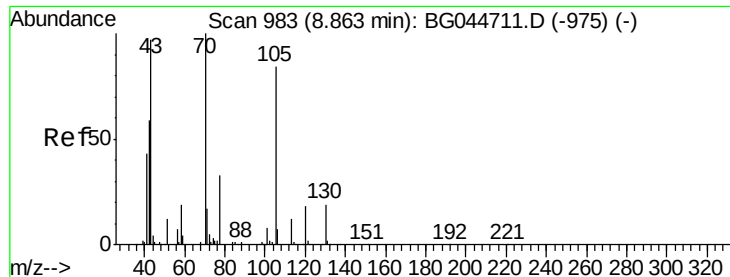
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

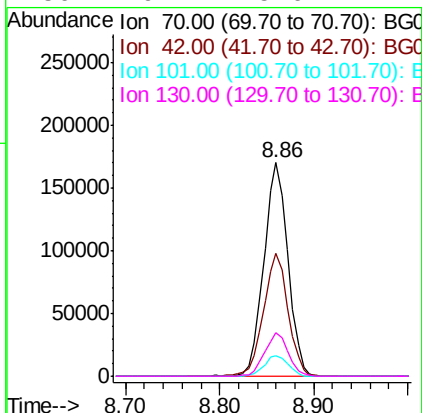
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.078 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		300786		
42	57.8	47.6	71.4		
101	9.7	6.5	9.7#		
130	20.2	15.0	22.4		



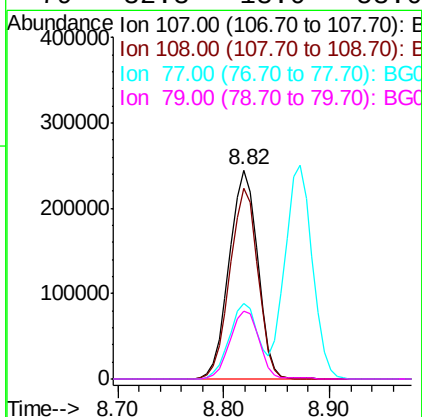
Instrument :
BNA_G
ClientSampleId :
PB127536BS

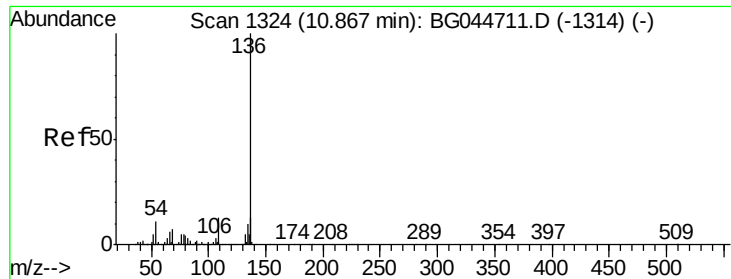
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#20
3+4-Methylphenols
Concen: 52.404 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		457793		
108	90.9	69.1	109.1		
77	36.4	17.7	57.7		
79	32.3	13.0	53.0		





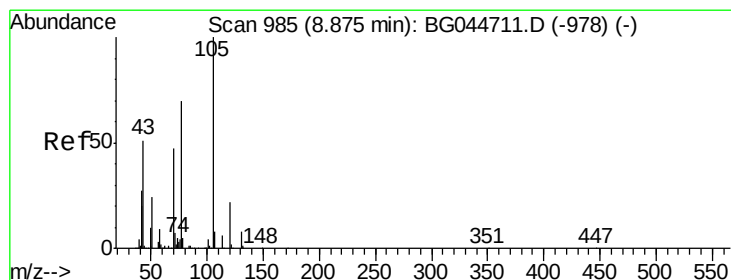
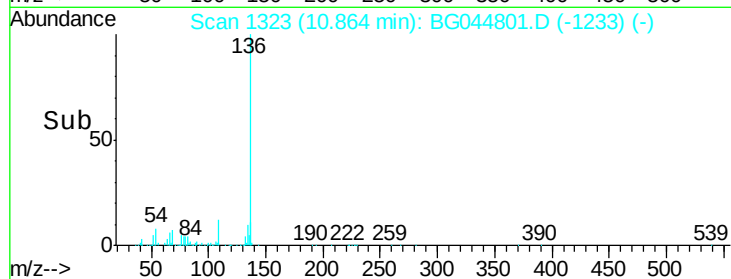
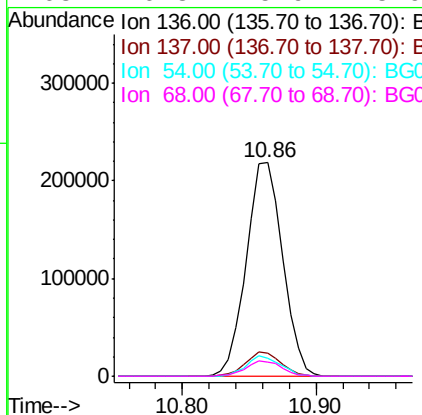
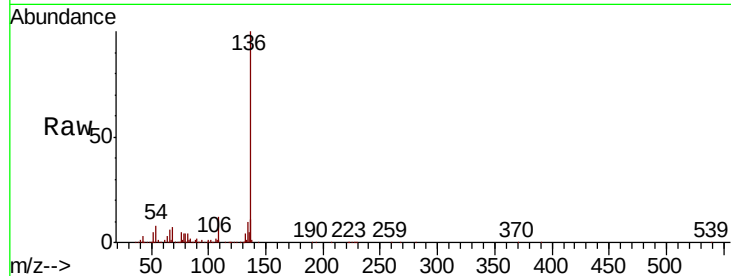
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		411611		
137	10.9	10.7	16.1		
54	8.4	9.0	13.4		
68	6.8	5.9	8.9		

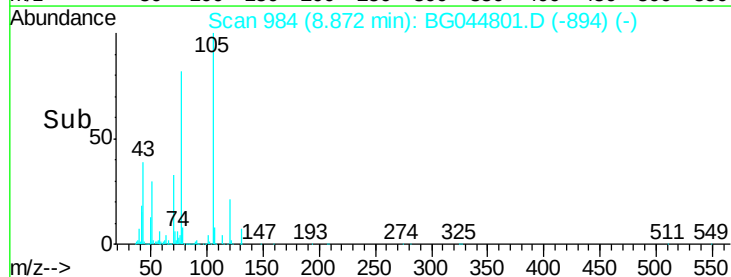
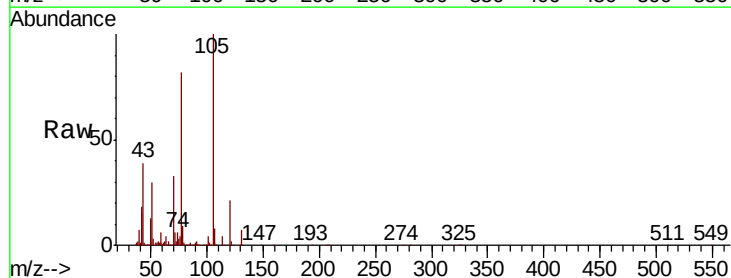
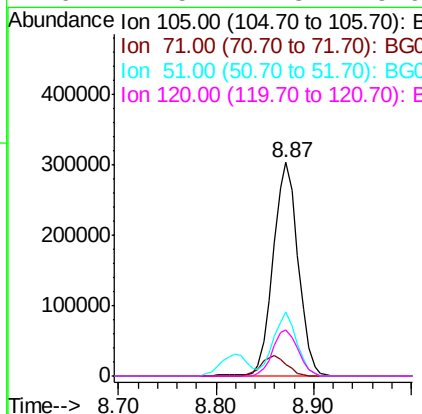
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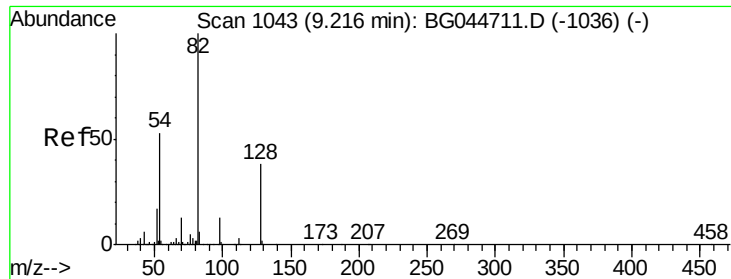
mohammad
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#22
Acetophenone
Concen: 46.503 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		542263		
71	5.6	5.8	8.8		
51	30.0	23.8	35.8		
120	21.5	17.3	25.9		





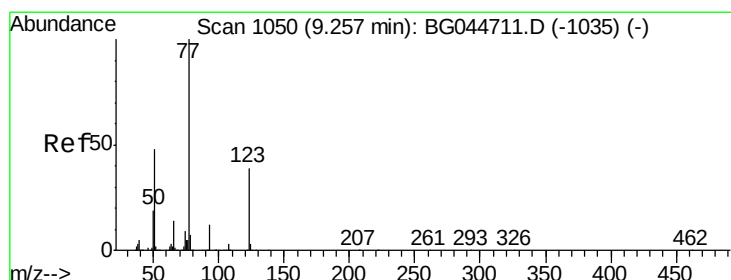
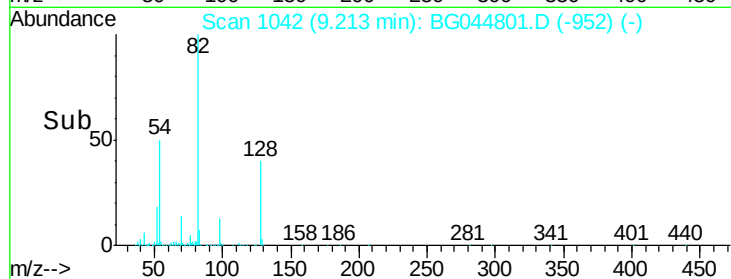
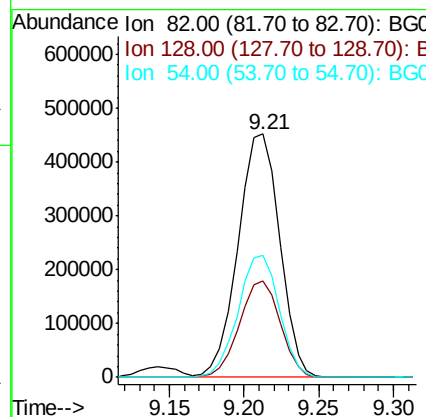
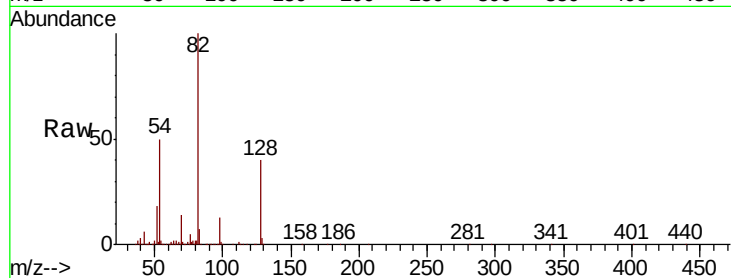
#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.2	45.2
54	50.2	41.8	62.8

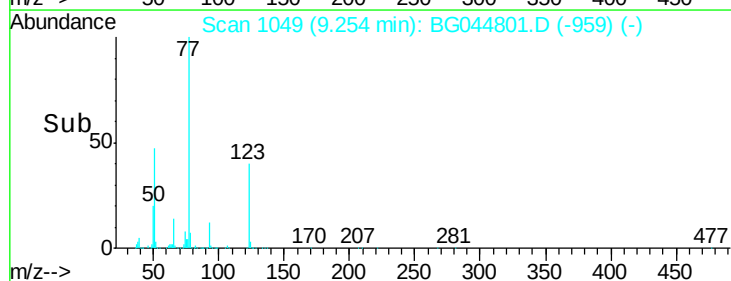
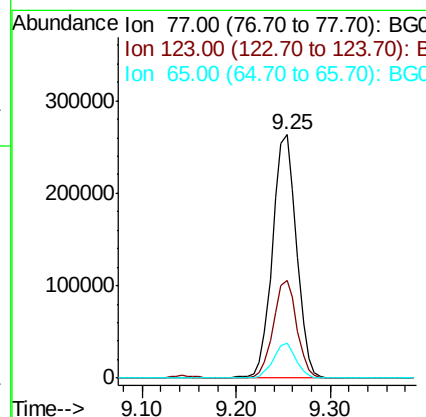
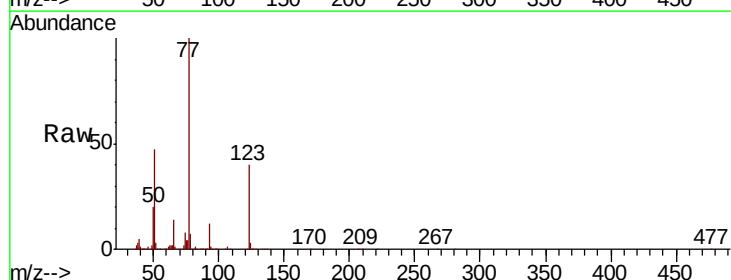
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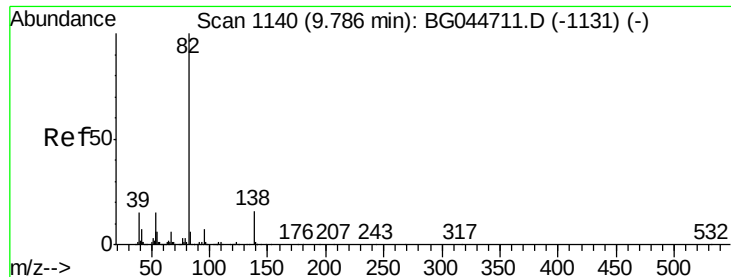
mohammad
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#24
Nitrobenzene
Concen: 47.893 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	31.5	47.3
65	14.1	11.0	16.4





#25

Isophorone

Concen: 46.132 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

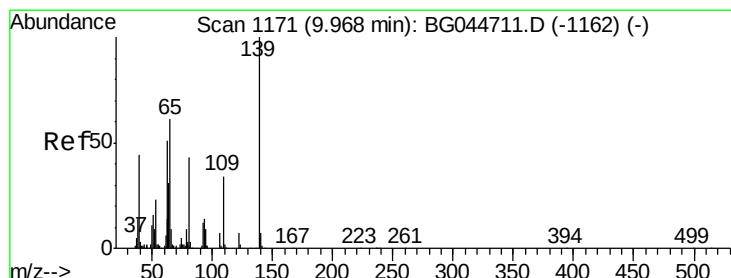
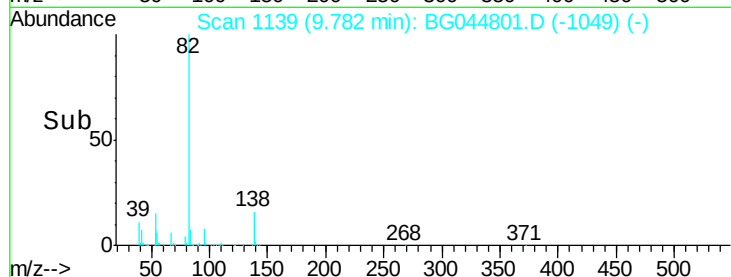
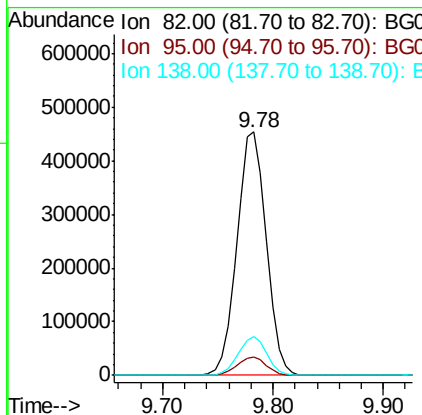
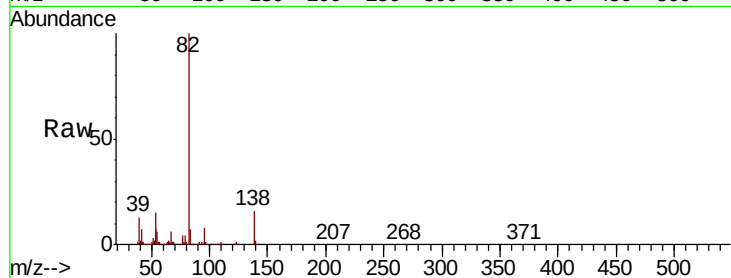
ClientSampleId :

PB127536BS

Tot Ion:	82	Resp:	844544
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.6	8.4
138	16.0	13.0	19.4

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#26

2-Nitrophenol

Concen: 56.927 ng

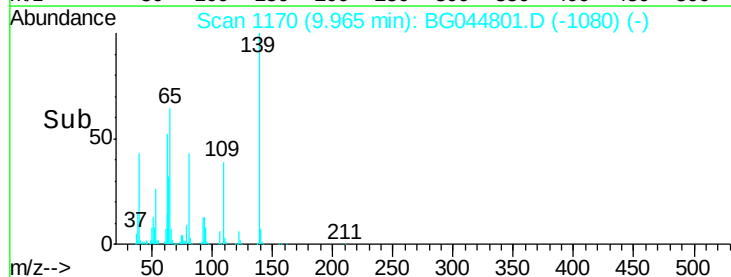
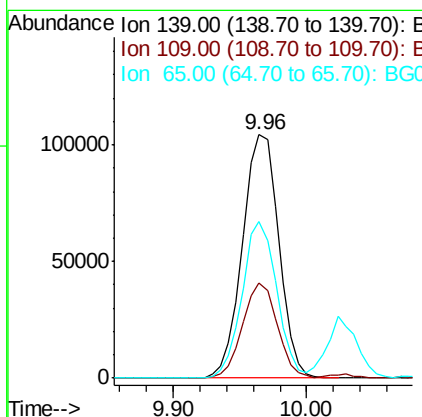
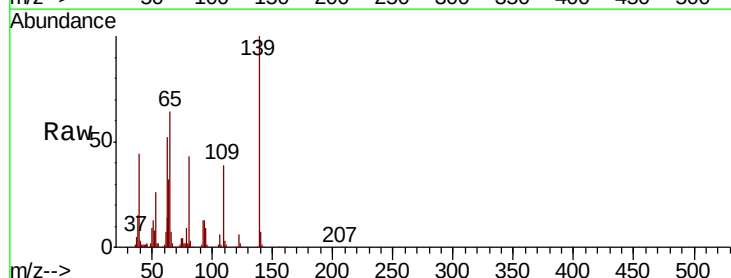
RT: 9.96 min Scan# 1170

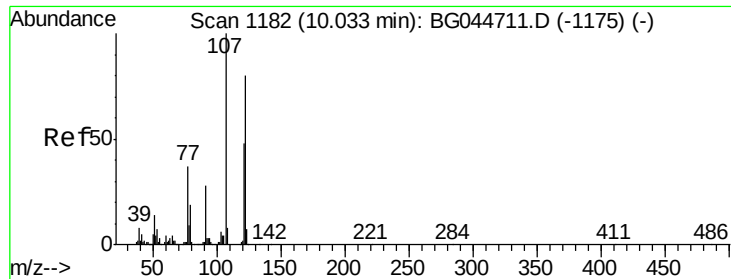
Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	139	Resp:	196269
Ion Ratio	Lower	Upper	
139	100		
109	38.9	27.0	40.4
65	64.4	48.6	73.0





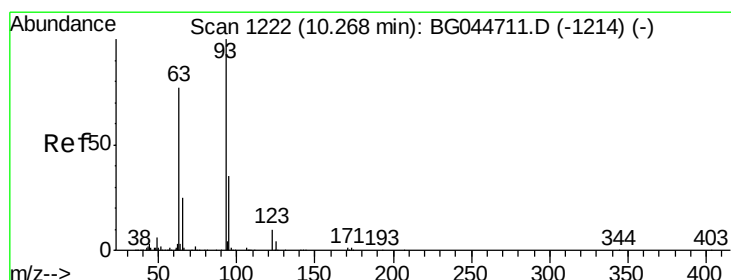
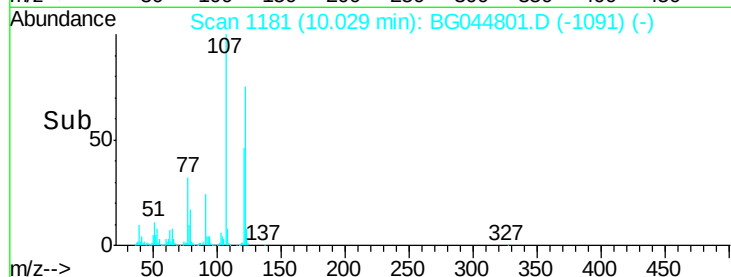
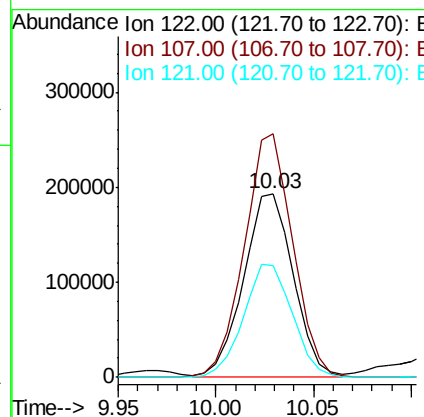
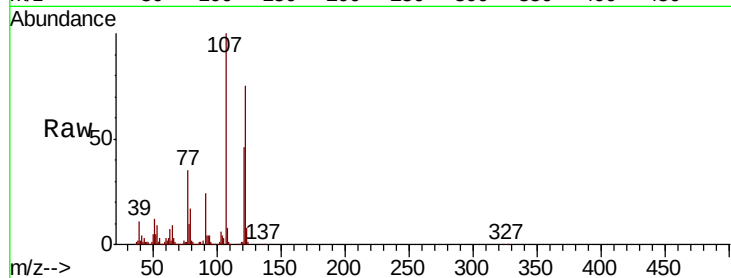
#27
2,4-Dimethylphenol
Concen: 56.855 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	99.0	148.6
121	61.0	47.6	71.4

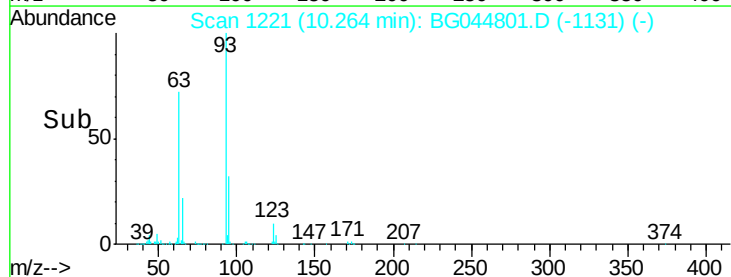
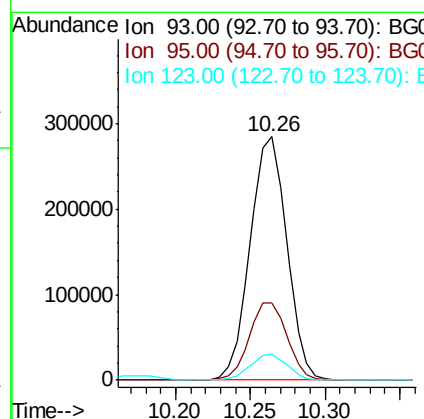
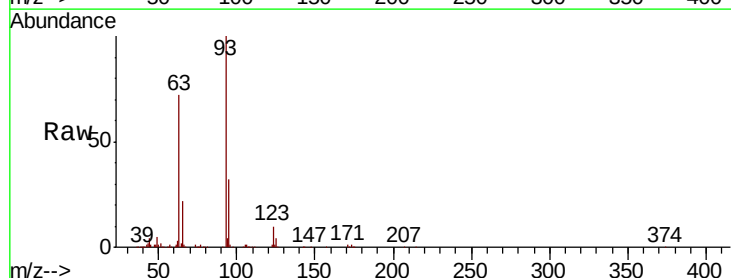
Manual Integrations
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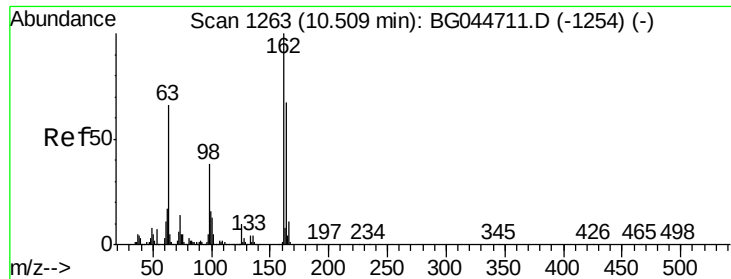
mohammad
3/18/2020 8:43:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.315 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.7	41.5
123	10.5	8.1	12.1





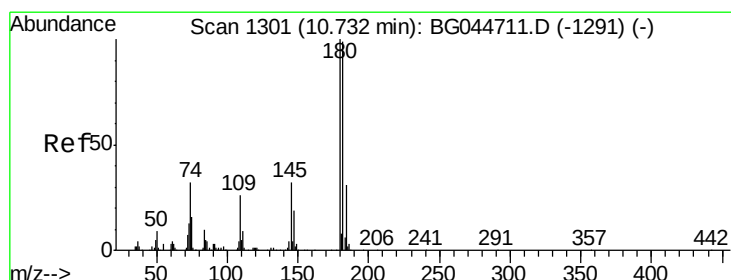
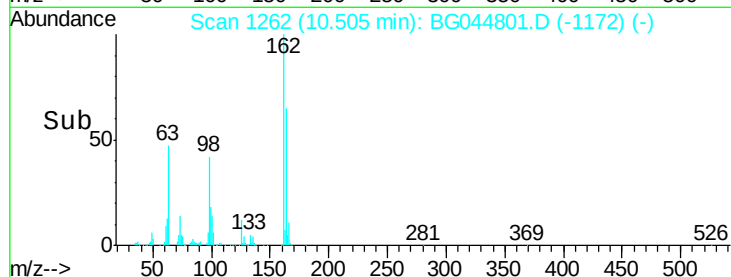
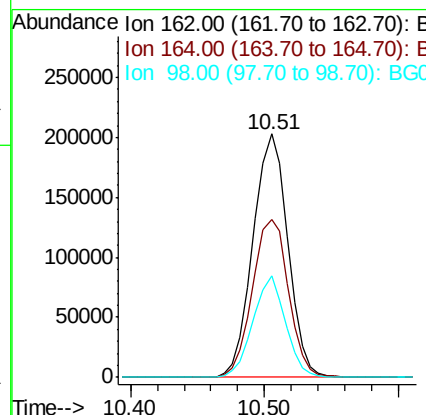
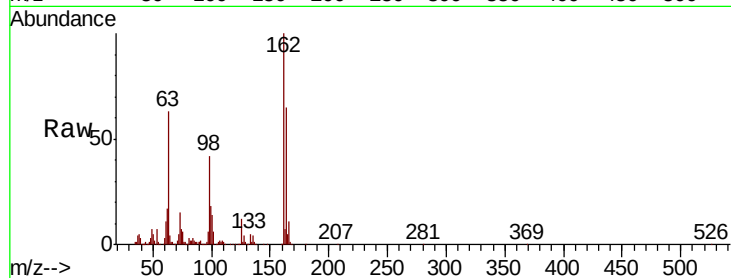
#29
 2,4-Dichlorophenol
 Concen: 52.546 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampled :
 PB127536BS

Tot Ion:	162	Resp:	365903
Ion Ratio	Lower	Upper	
162	100		
164	64.7	46.5	86.5
98	41.7	18.1	58.1

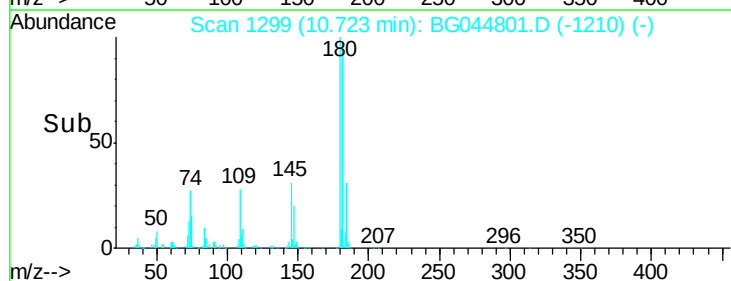
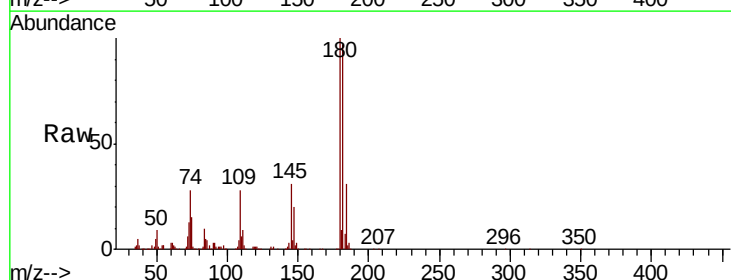
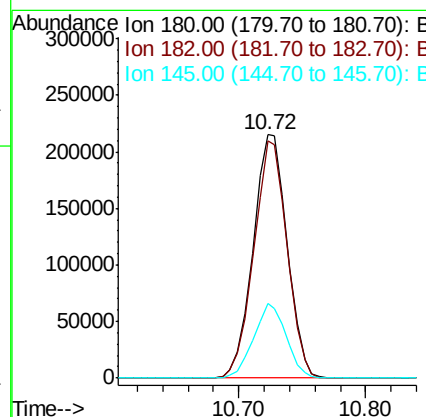
Manual Integrations
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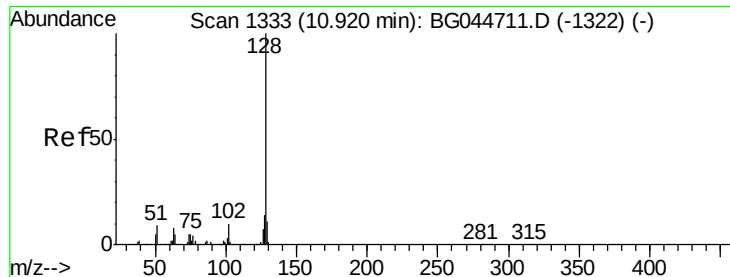
mohammad
 3/18/2020 8:43:41 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.171 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion:	180	Resp:	401083
Ion Ratio	Lower	Upper	
180	100		
182	97.3	78.8	118.2
145	30.7	25.4	38.0





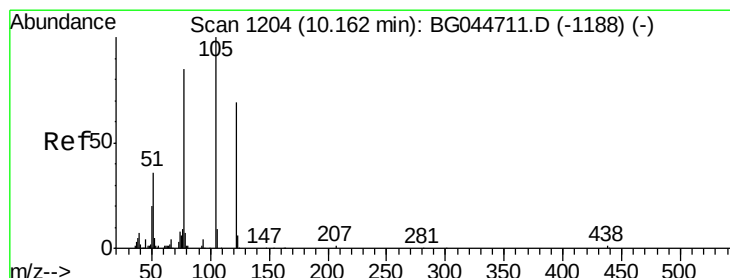
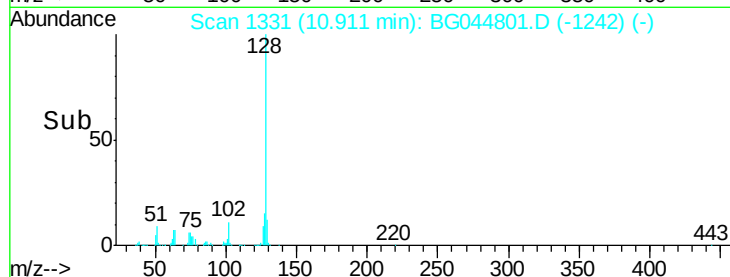
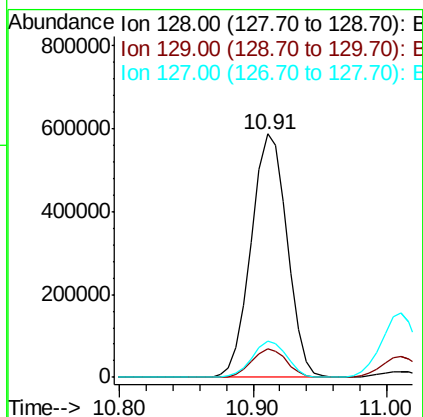
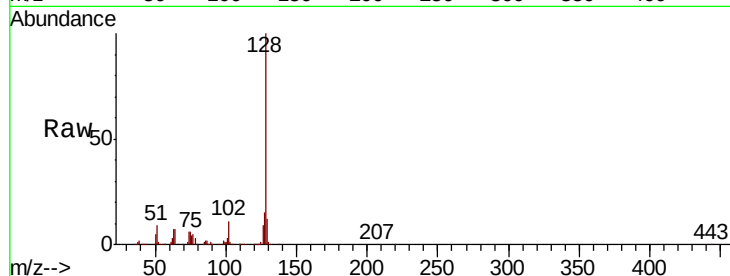
#31
Naphthalene
Concen: 47.892 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	14.8	11.0	16.6

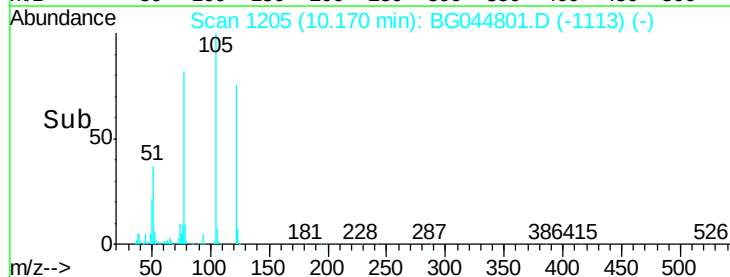
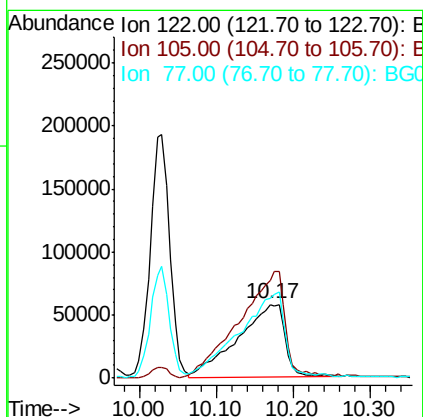
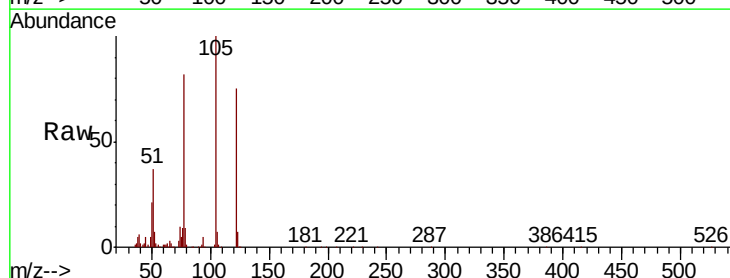
Manual Integrations
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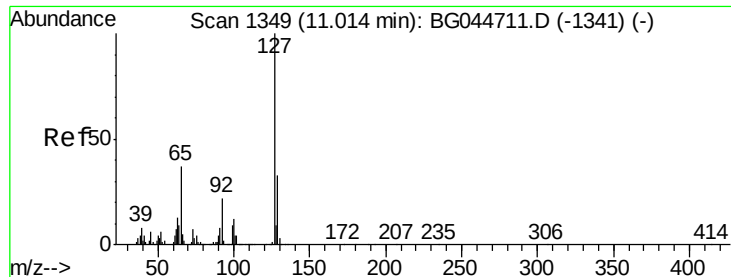
mohammad
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#32
Benzoic acid
Concen: 51.700 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	119.0	159.0
77	108.8	96.4	136.4





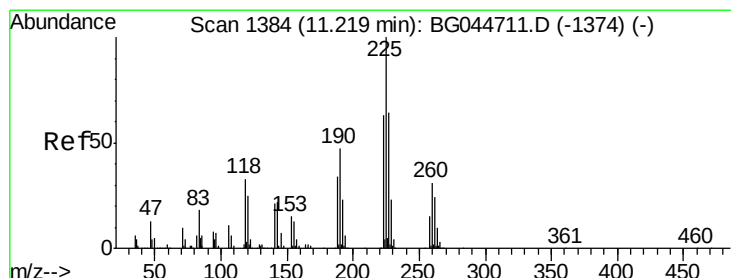
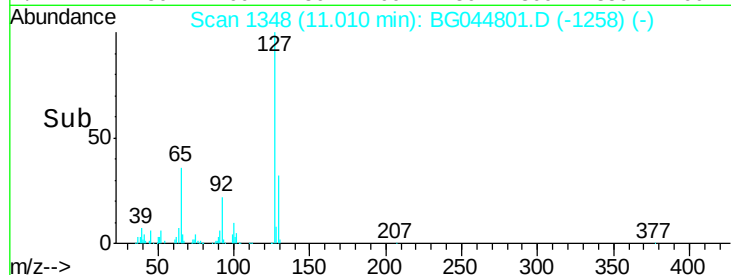
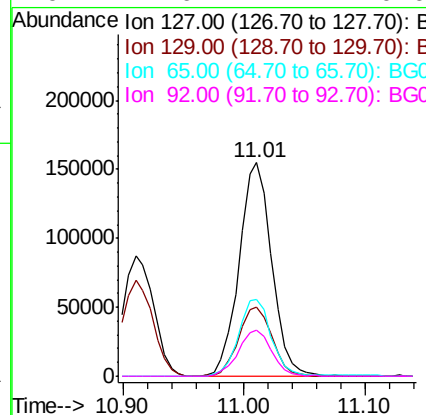
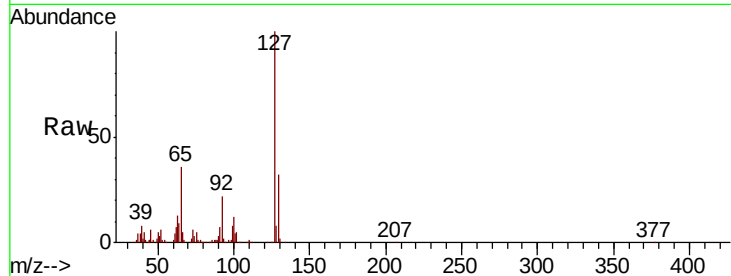
#33
4-Chloroaniline
Concen: 28.342 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	291151		
129	32.2	26.2	39.4	
65	36.2	29.6	44.4	
92	21.6	17.4	26.0	

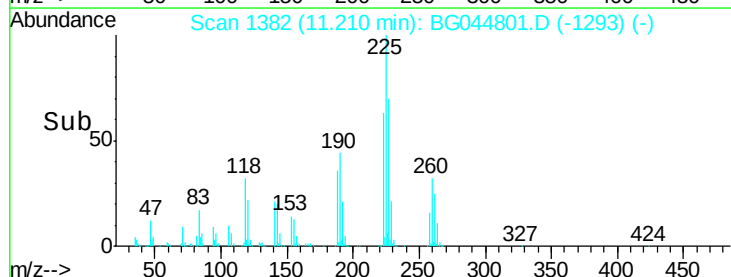
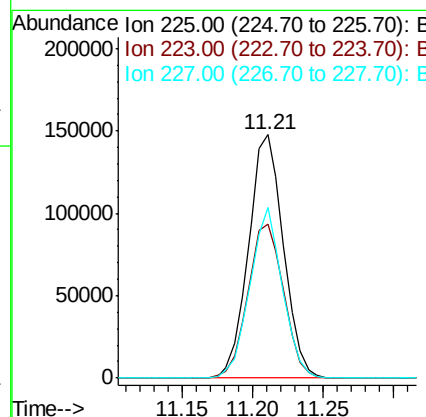
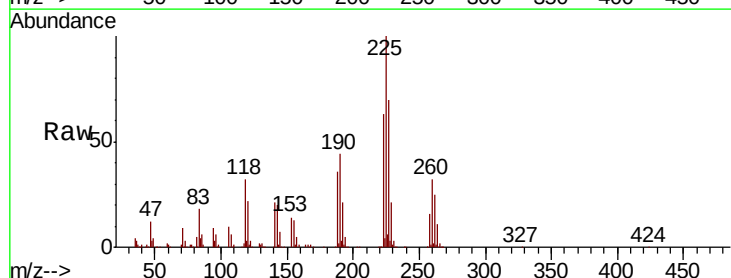
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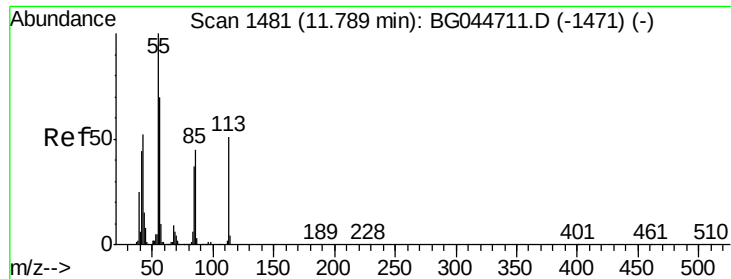
mohammad
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#34
Hexachlorobutadiene
Concen: 46.668 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	255533		
223	63.4	50.6	76.0	
227	69.9	51.6	77.4	





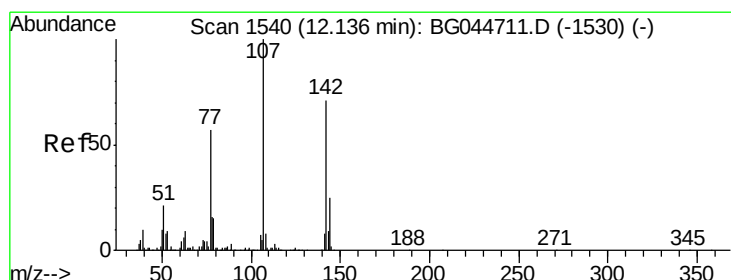
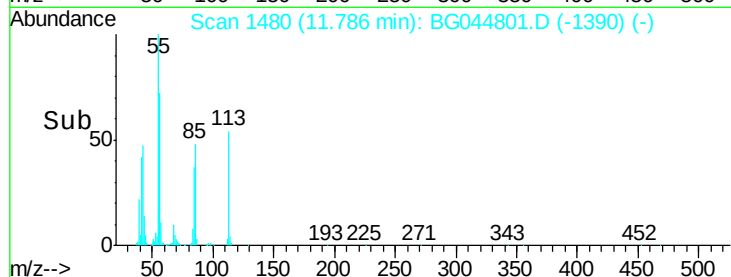
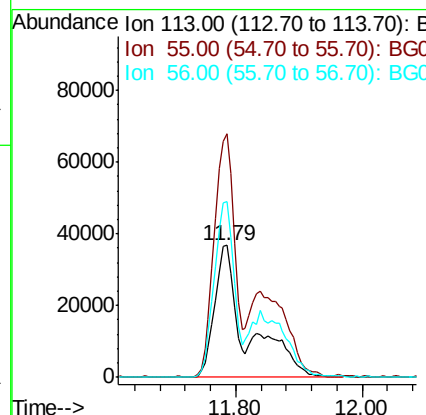
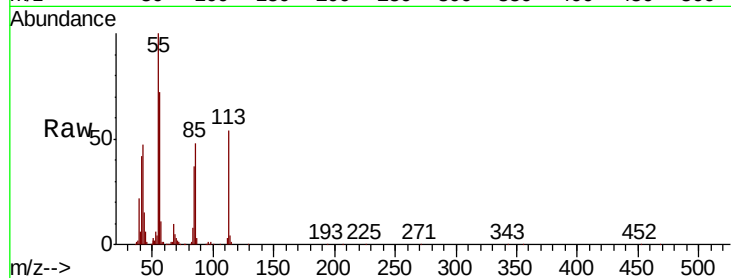
#35
Caprolactam
Concen: 48.948 ng/ml
RT: 11.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.4	178.4	218.4
56	133.2	117.7	157.7

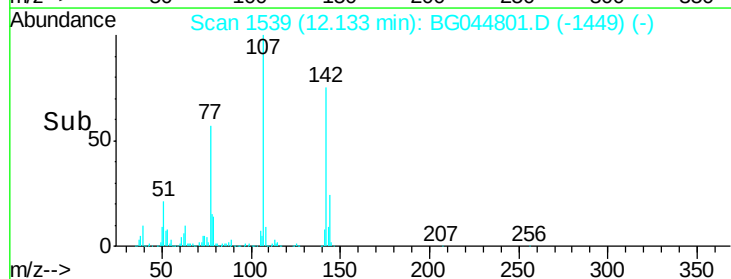
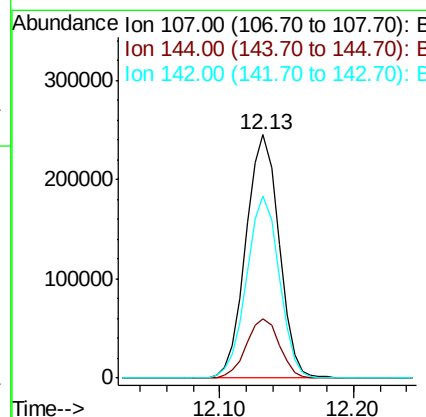
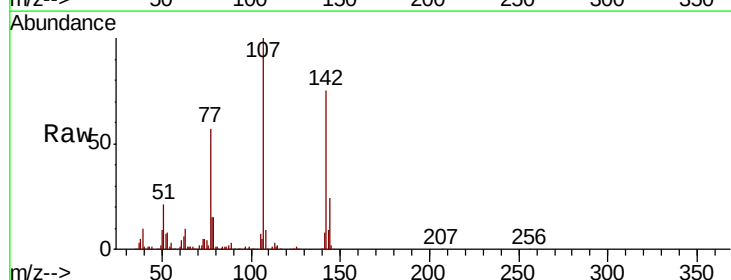
Manual Integrations
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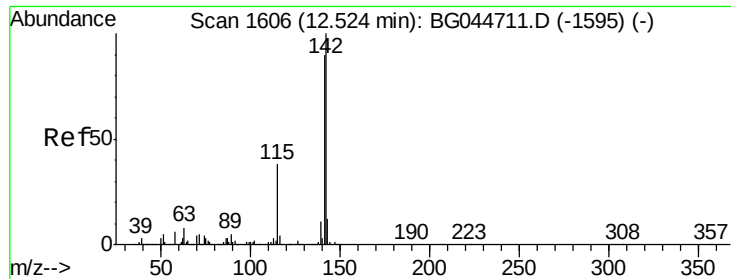
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 50.685 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.6	29.4
142	74.6	56.5	84.7





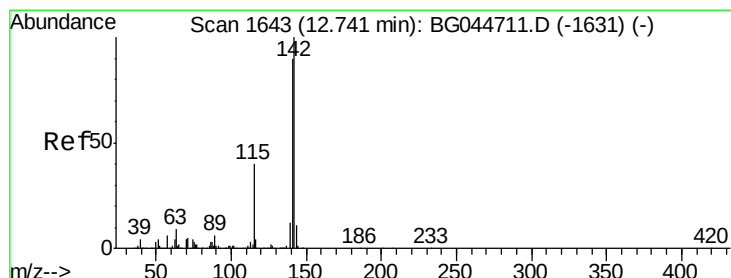
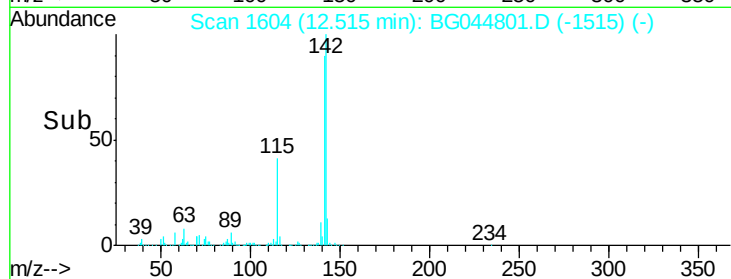
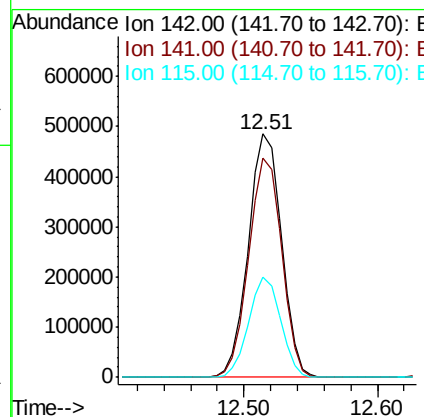
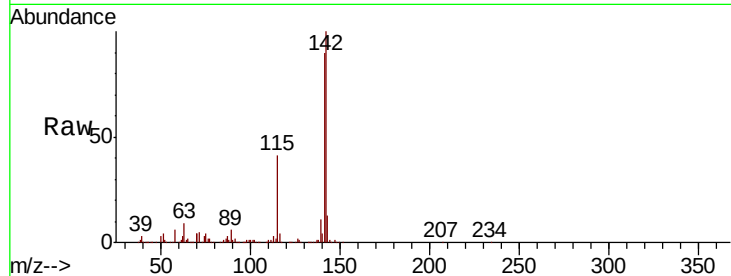
#37
 2-Methylnaphthalene
 Concen: 48.693 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	41.3	30.6	45.8

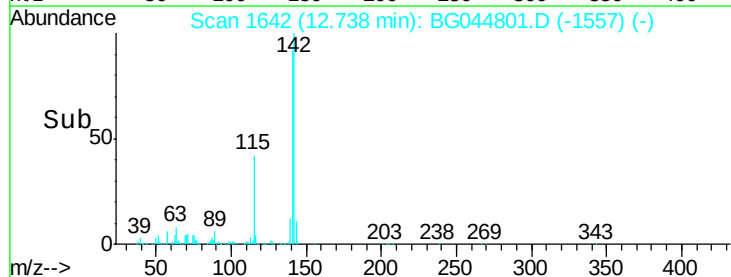
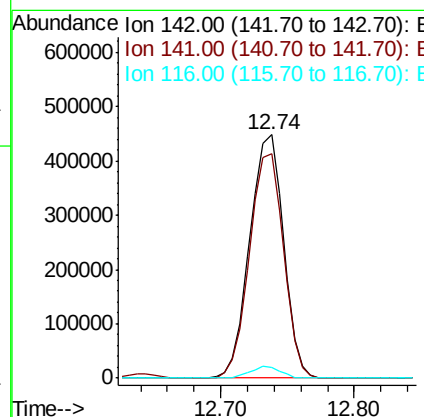
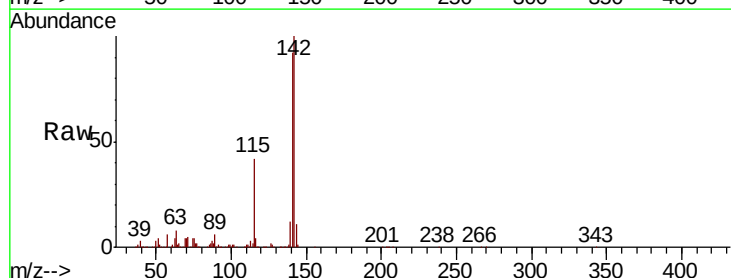
Manual Integrations
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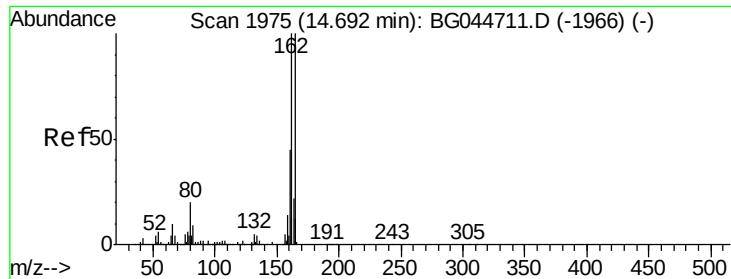
mohammad
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#38
 1-Methylnaphthalene
 Concen: 48.810 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.2
116	4.3	3.5	5.3





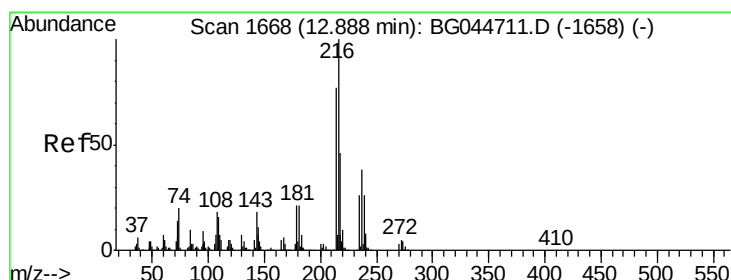
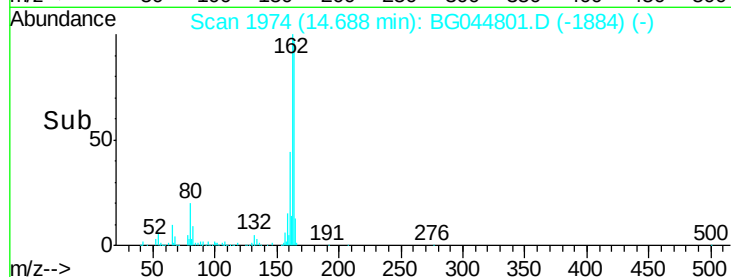
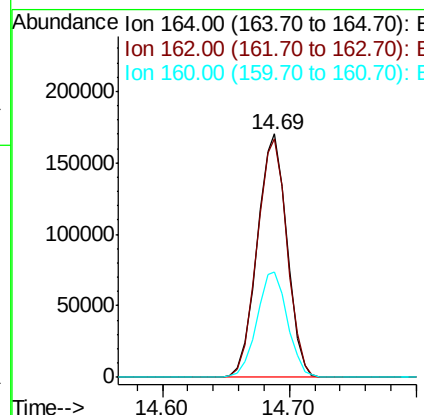
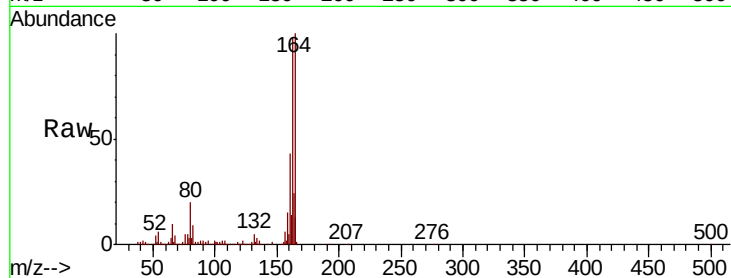
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.4
160	43.1	36.2	54.2

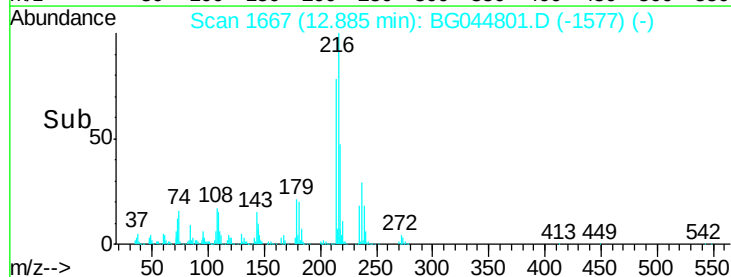
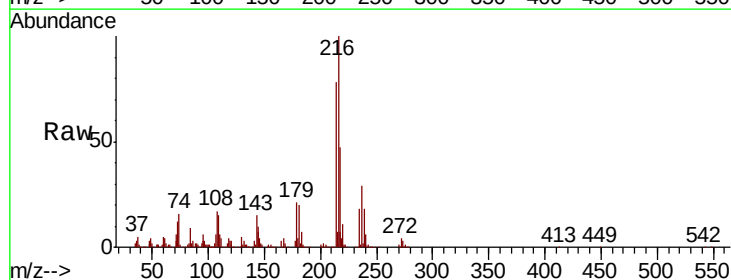
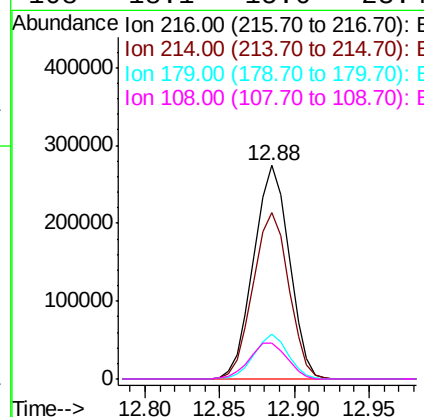
Manual Integrations
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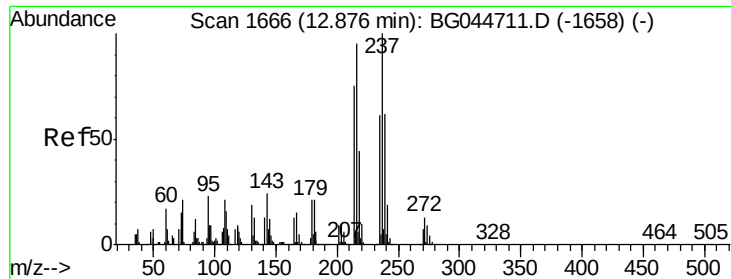
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.740 ng
 RT: 12.88 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.8	16.6	24.8
108	18.1	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 53.020 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

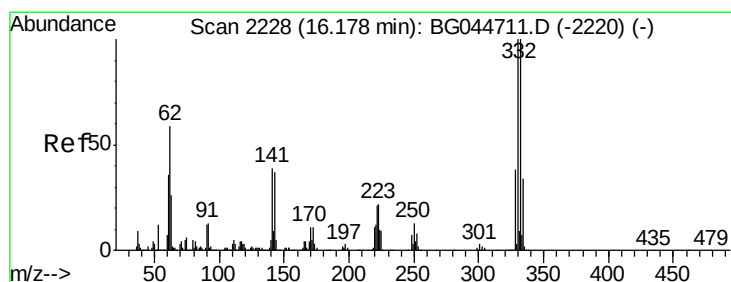
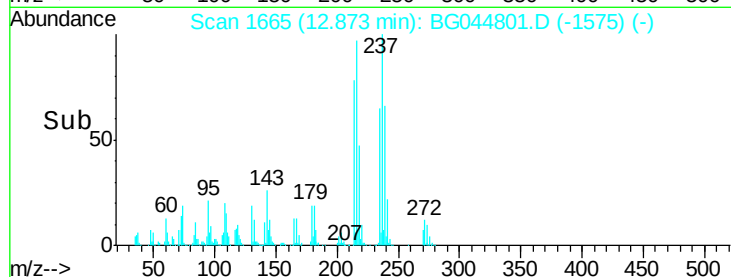
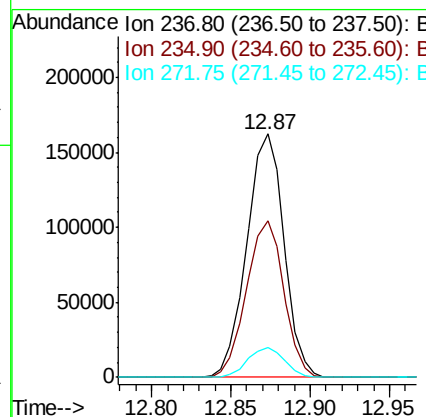
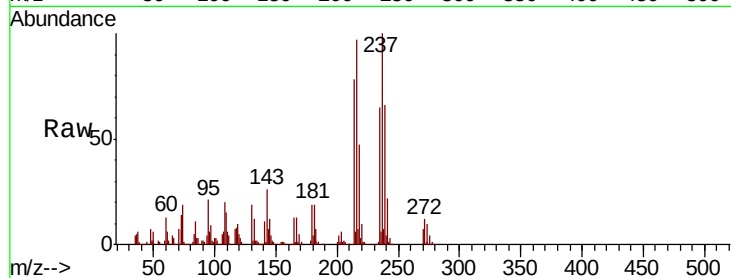
ClientSampleId :

PB127536BS

Tot Ion:	237	Resp:	264174
Ion Ratio	Lower	Upper	
237	100		
235	64.5	40.6	80.6
272	12.5	0.0	32.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 145.958 ng

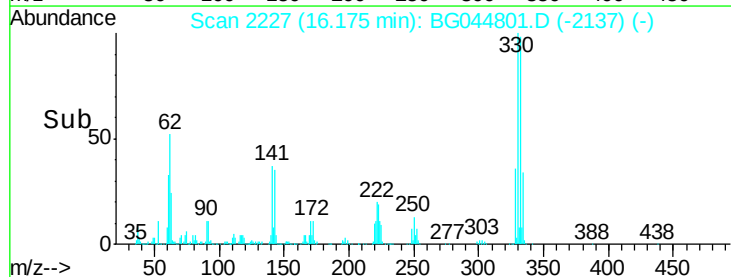
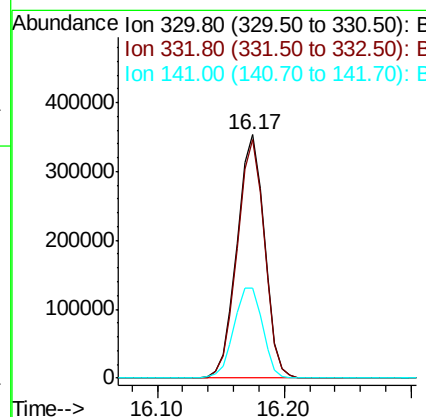
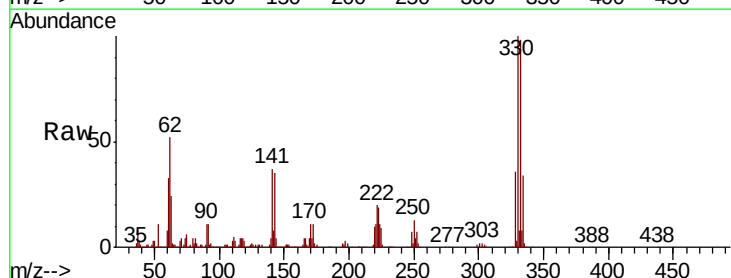
RT: 16.17 min Scan# 2227

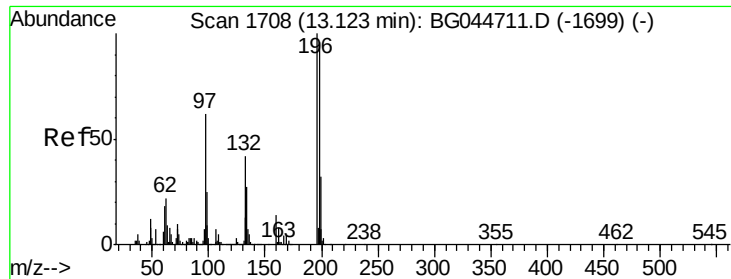
Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	330	Resp:	529059
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.5	116.3
141	38.7	31.7	47.5





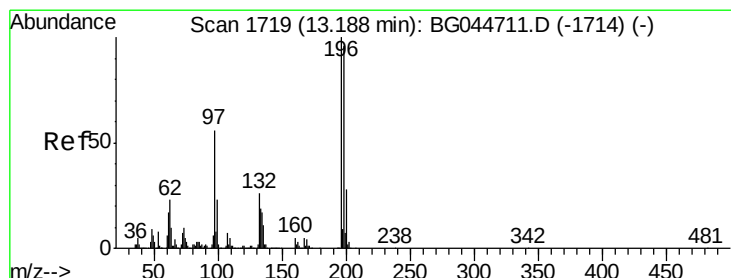
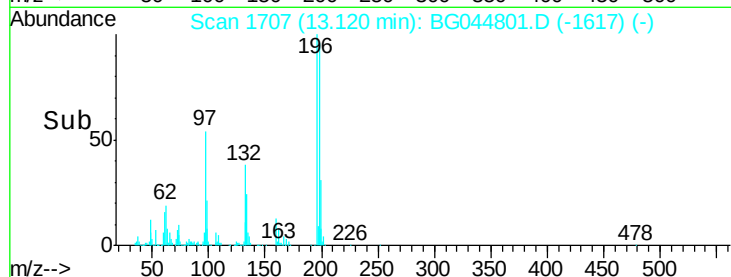
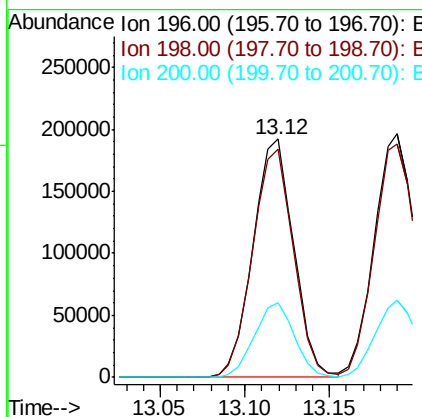
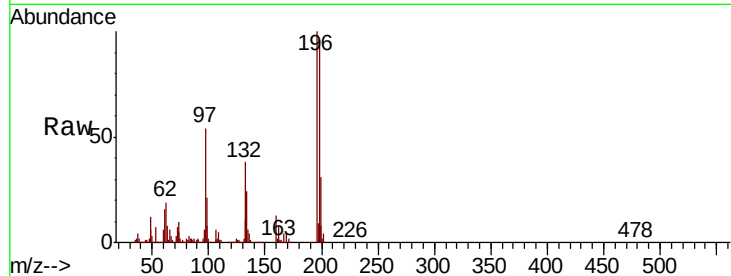
#43
2,4,6-Trichlorophenol
Concen: 53.160 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampled :
PB127536BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.5	114.7
200	31.3	25.9	38.9

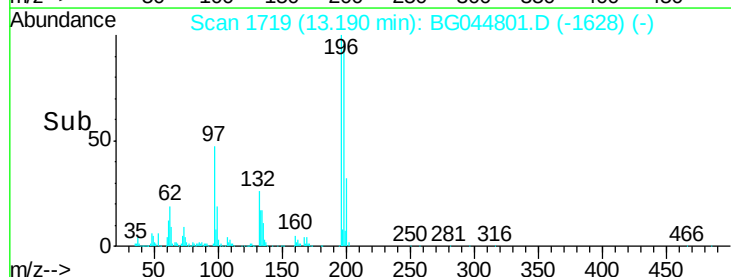
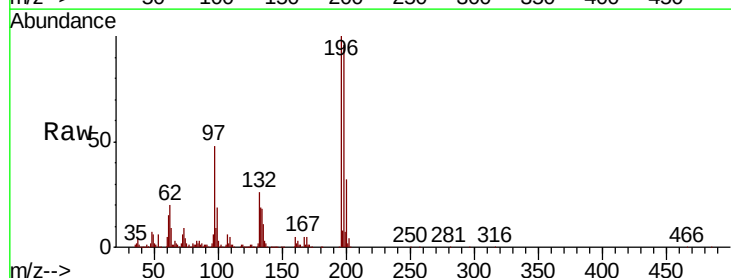
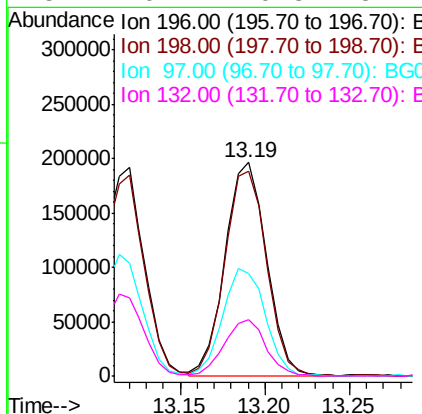
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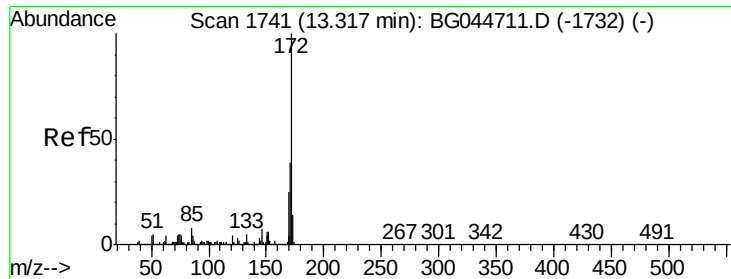
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 53.316 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.3	115.9
97	48.2	44.9	67.3
132	26.2	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 92.301 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampled :

PB127536BS

Tot Ion:172 Resp: 1784339

Ion Ratio Lower Upper

172 100

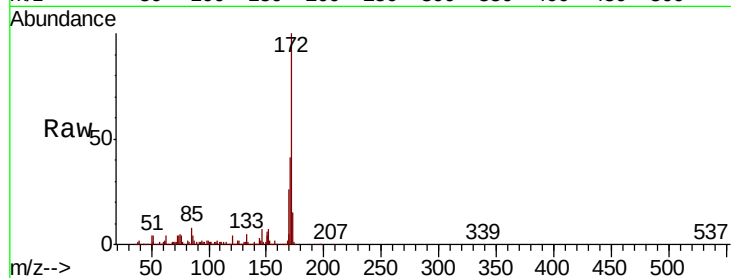
171 40.5 30.8 46.2

170 26.4 20.0 30.0

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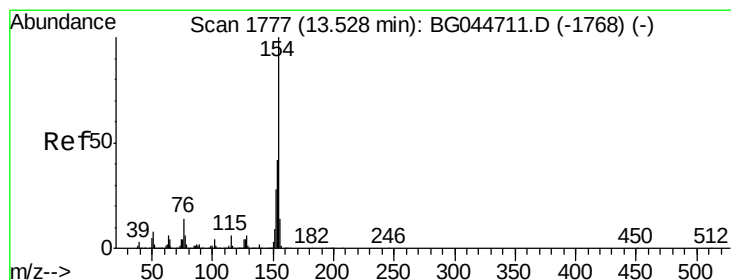
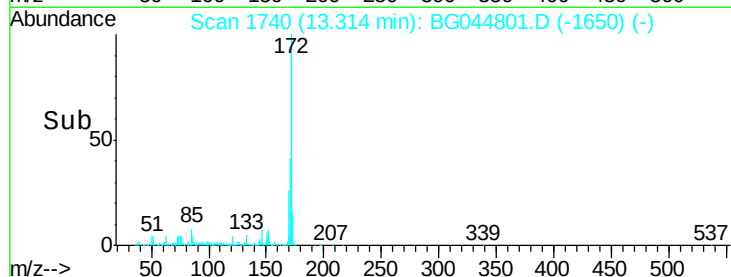
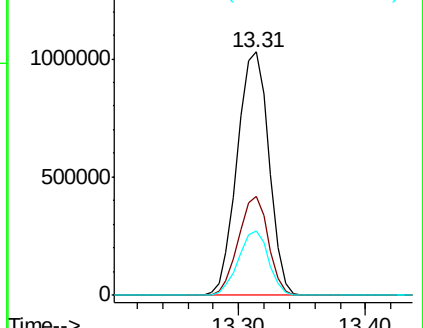
3/18/2020 8:43:41 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 46.289 ng

RT: 13.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

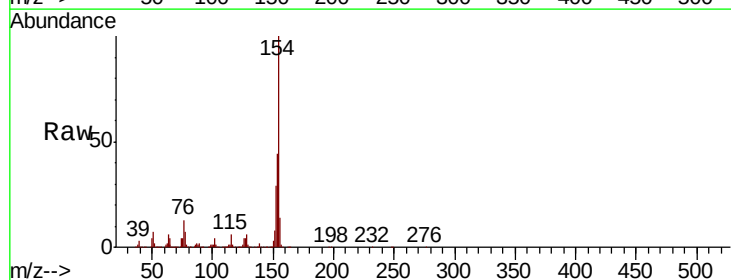
Tgt Ion:154 Resp: 1024045

Ion Ratio Lower Upper

154 100

153 43.5 22.0 62.0

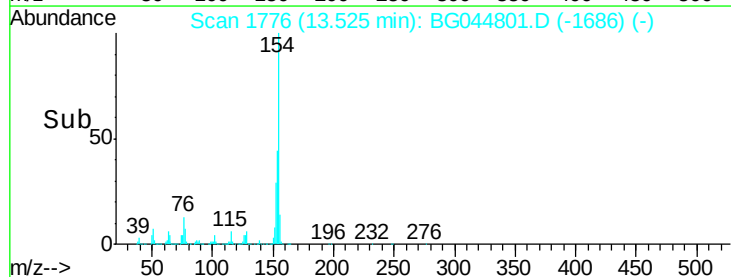
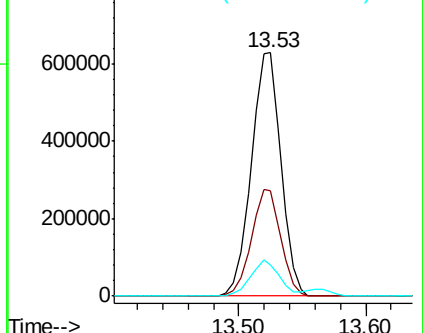
76 12.9 0.0 34.2

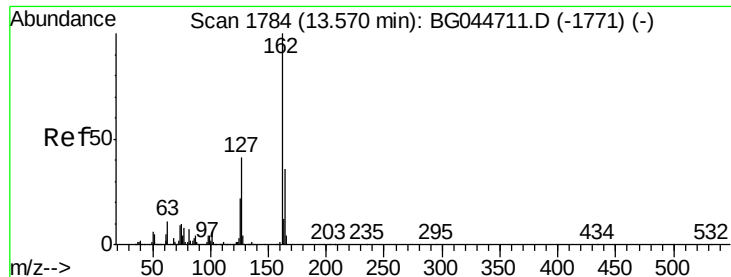


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





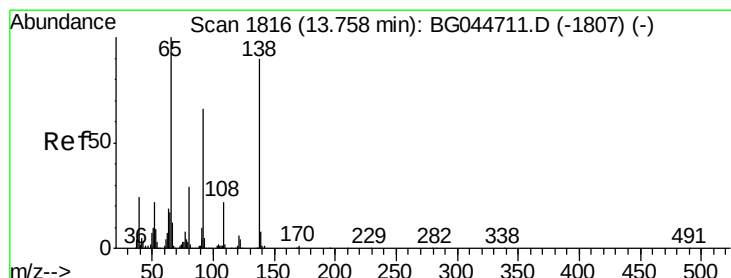
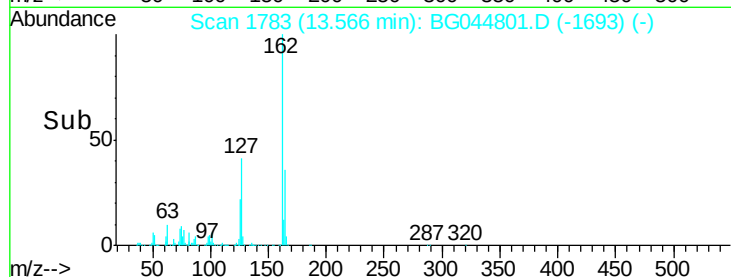
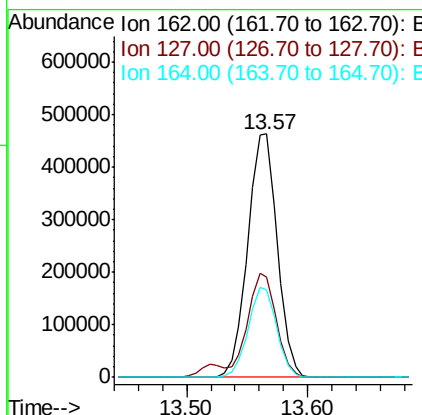
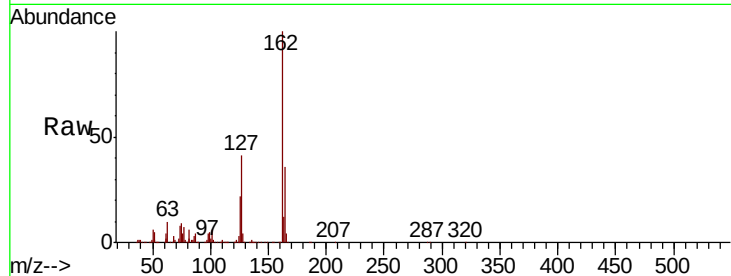
#47
 2-Chloronaphthalene
 Concen: 46.747 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	35.9	29.0	43.4

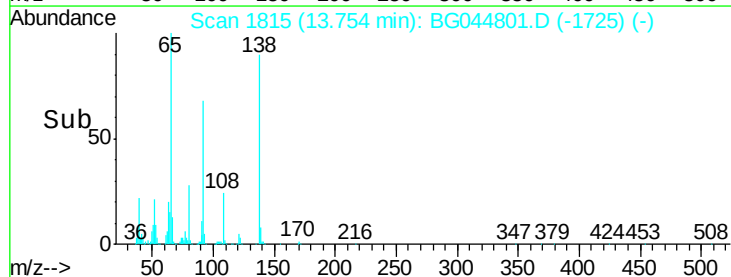
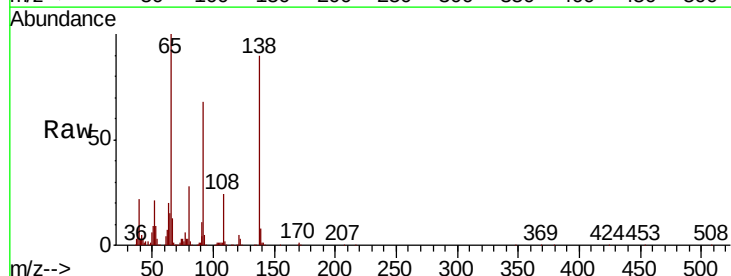
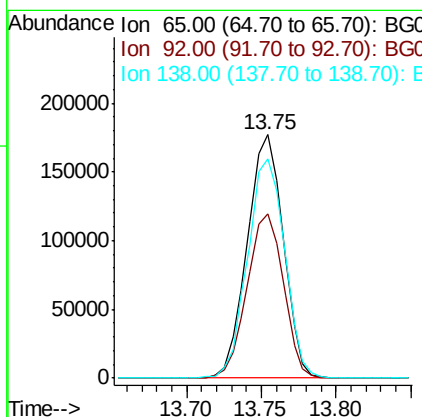
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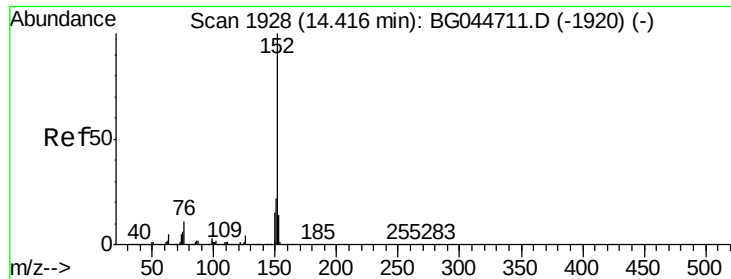
mohammad
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#48
 2-Nitroaniline
 Concen: 50.123 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	52.6	79.0
138	89.8	71.8	107.6





#49

Acenaphthylene

Concen: 49.009 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:152 Resp: 1297568

Ion Ratio Lower Upper

152 100

151 21.8 17.8 26.8

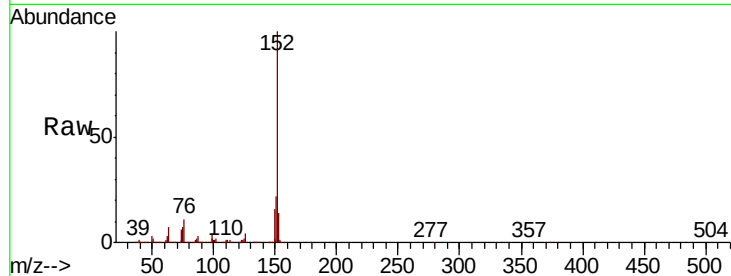
153 14.4 11.4 17.0

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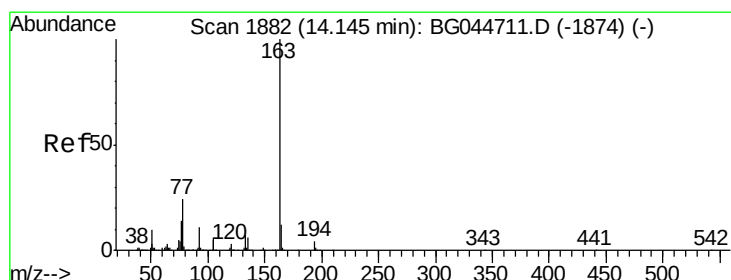
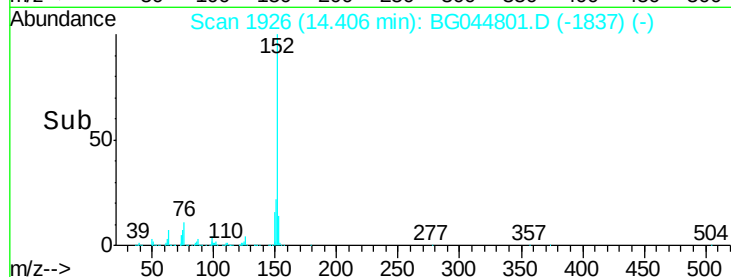
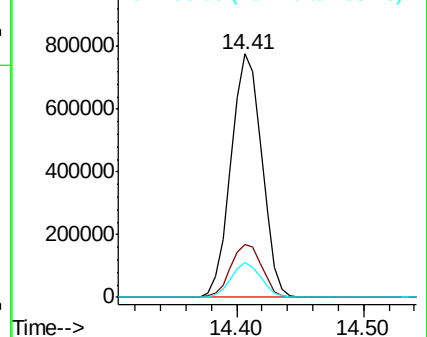


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.330 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

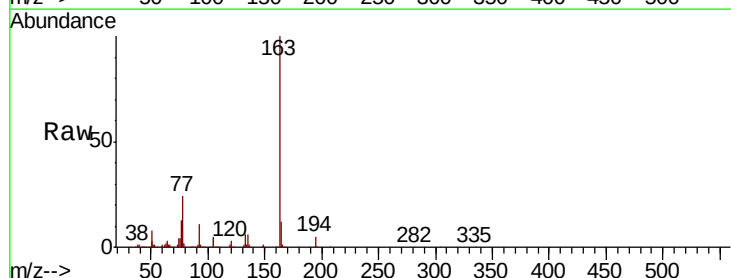
Tgt Ion:163 Resp: 999466

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 11.5 9.2 13.8

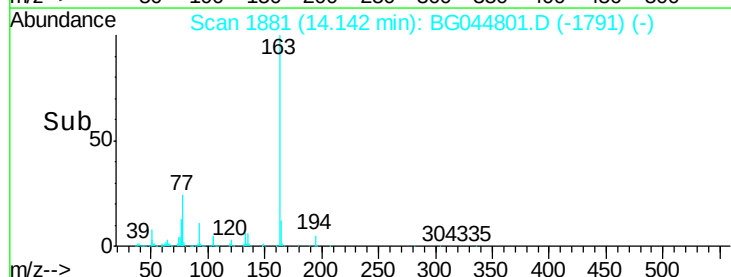
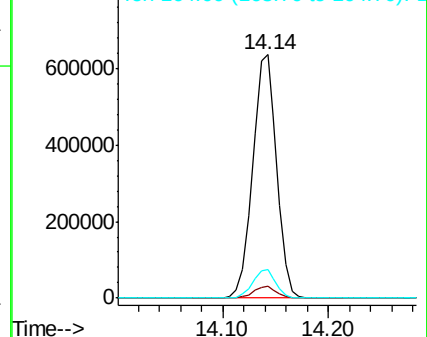


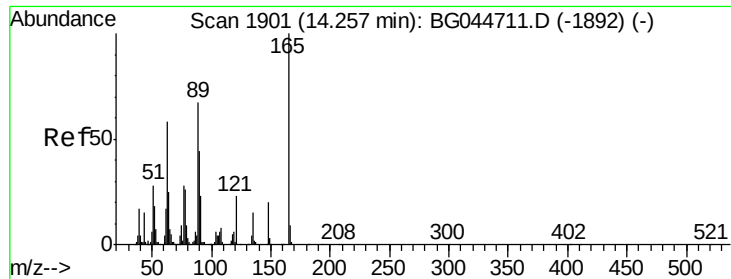
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.061 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

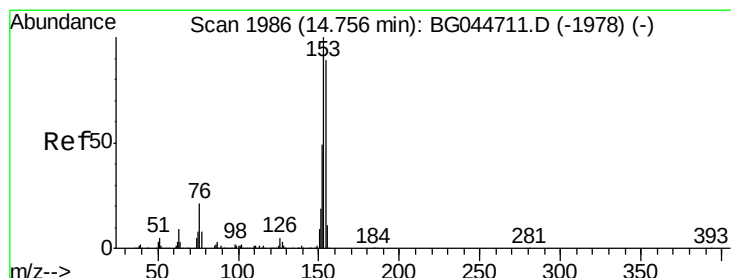
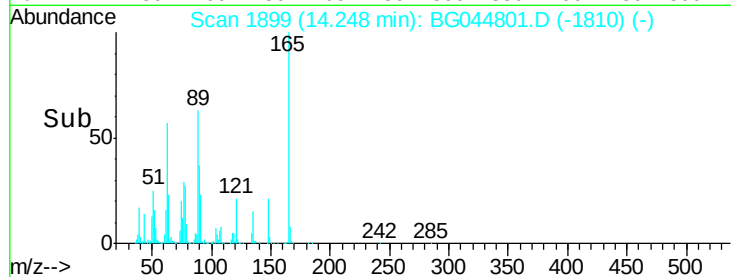
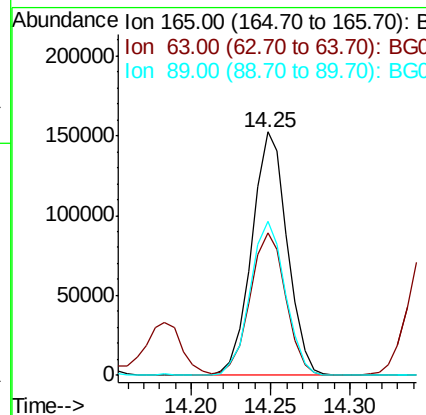
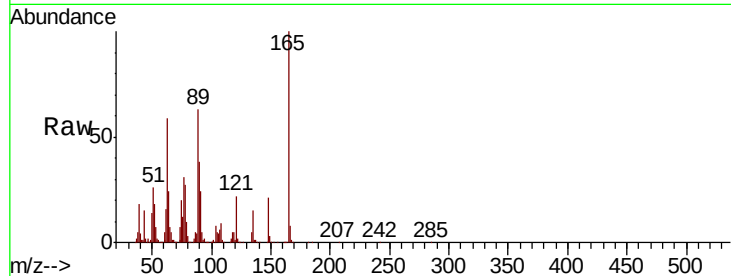
ClientSampleId :

PB127536BS

Tot Ion:	165	Resp:	235820
Ion Ratio	Lower	Upper	
165	100		
63	58.7	48.9	73.3
89	63.3	53.8	80.8

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#52

Acenaphthene

Concen: 48.520 ng

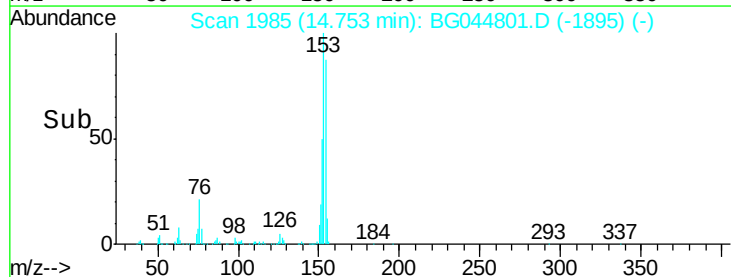
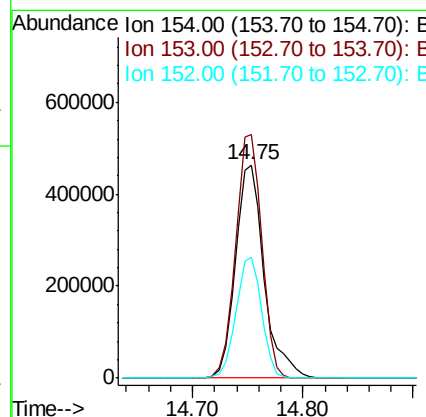
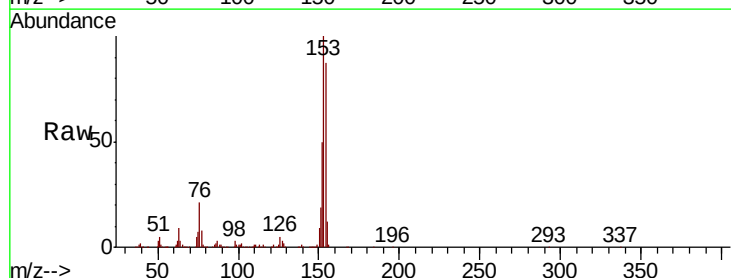
RT: 14.75 min Scan# 1985

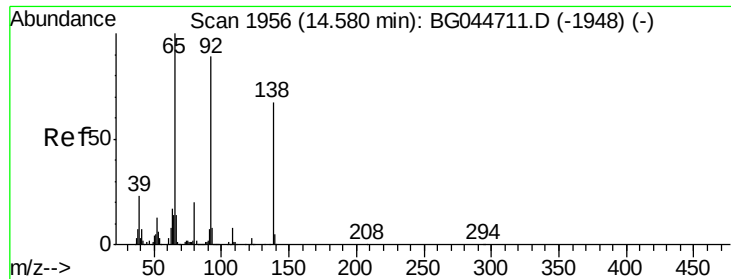
Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	154	Resp:	841302
Ion Ratio	Lower	Upper	
154	100		
153	114.4	89.8	134.8
152	56.8	44.4	66.6





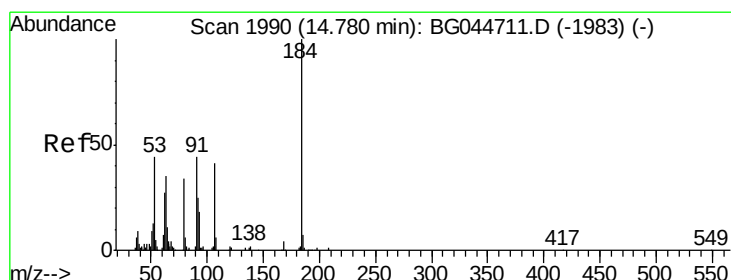
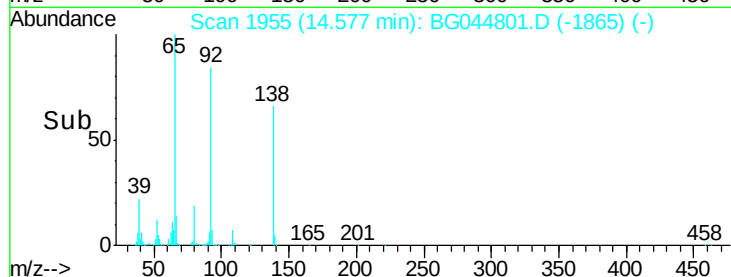
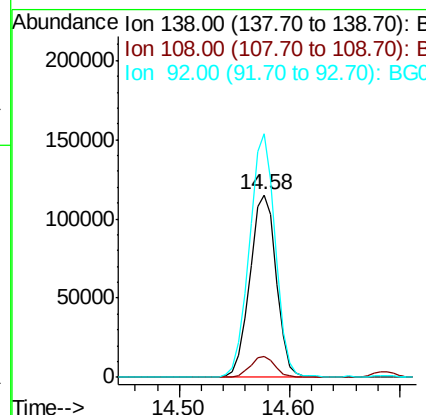
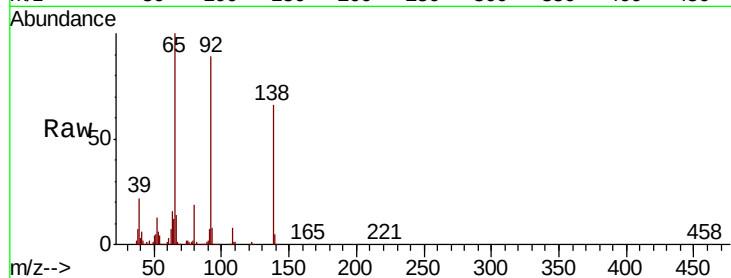
#53
3-Nitroaniline
Concen: 37.958 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.2	13.8
92	133.6	105.6	158.4

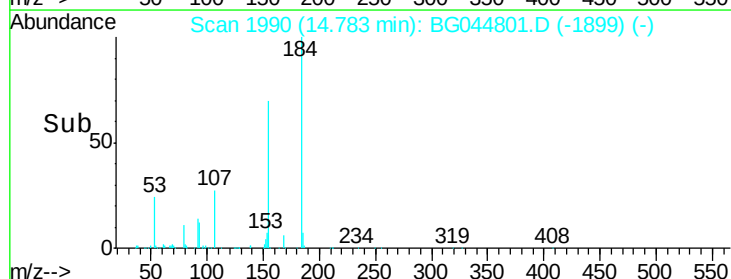
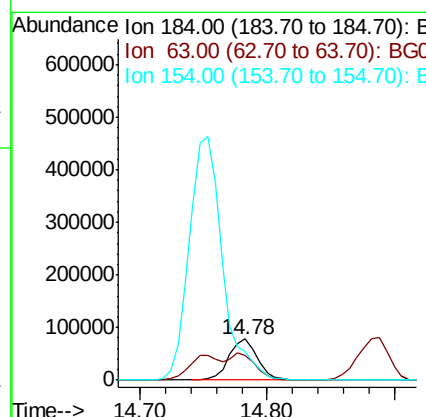
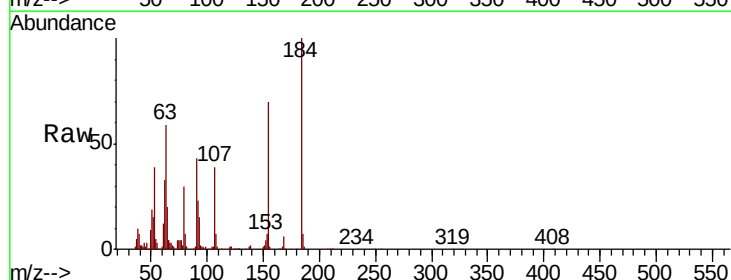
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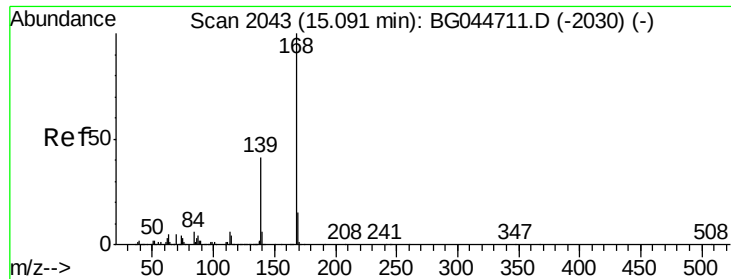
mohammad
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#54
2,4-Dinitrophenol
Concen: 55.300 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	49.0	73.6
154	69.9	94.5	141.7#





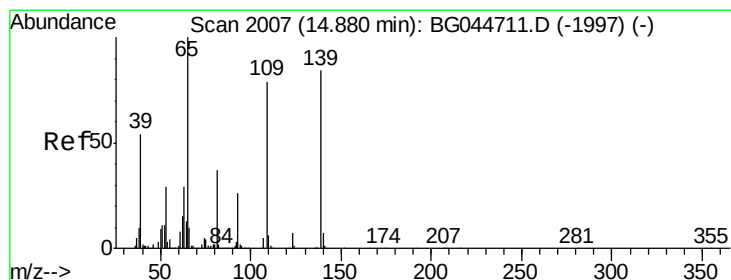
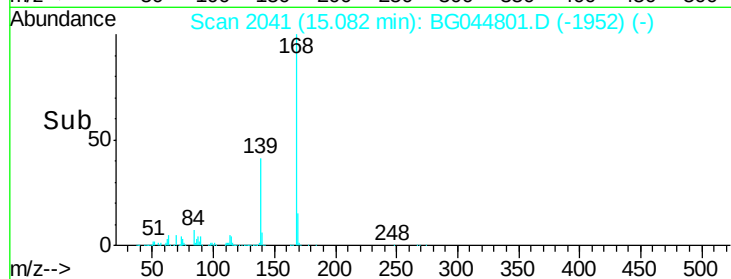
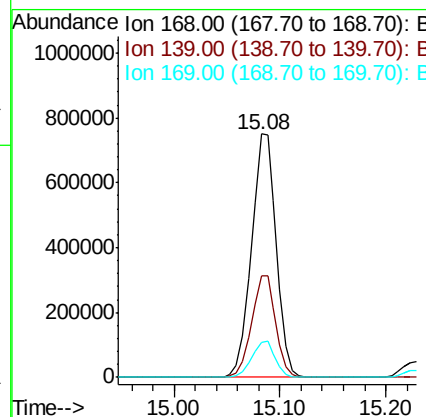
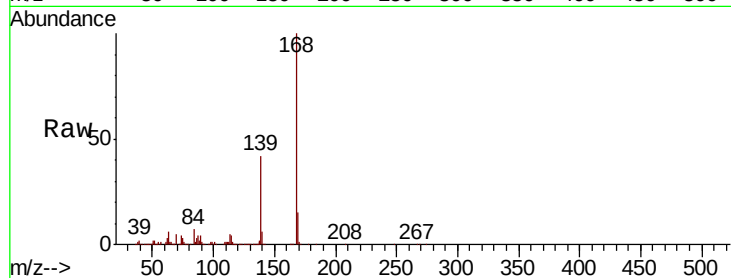
#55
Dibenzofuran
Concen: 48.446 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.6	49.0
169	14.5	11.8	17.6

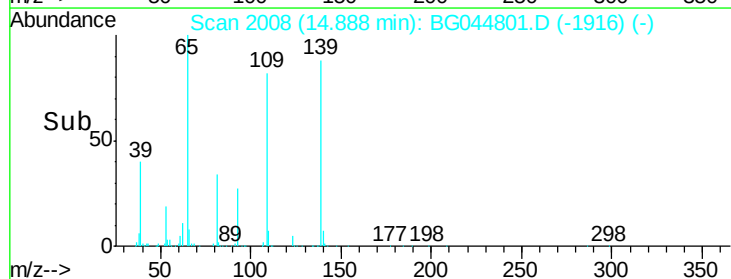
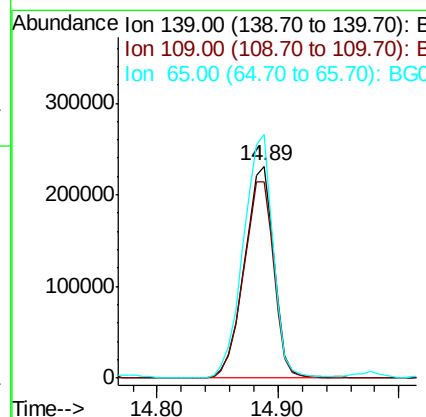
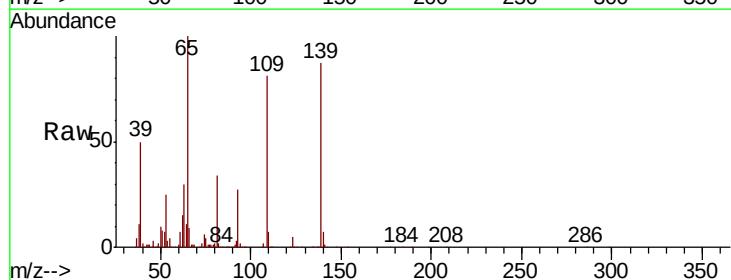
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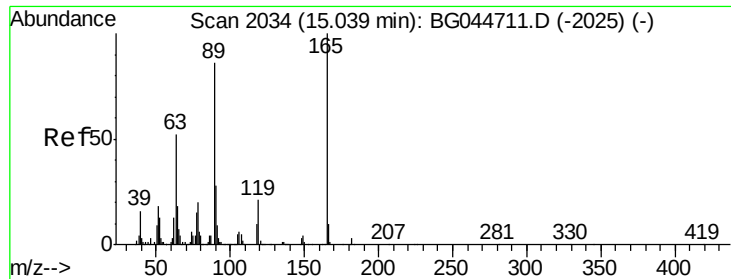
mohammad
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#56
4-Nitrophenol
Concen: 101.529 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.8	74.1	114.1
65	114.8	98.6	138.6





#57

2,4-Dinitrotoluene

Concen: 52.930 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

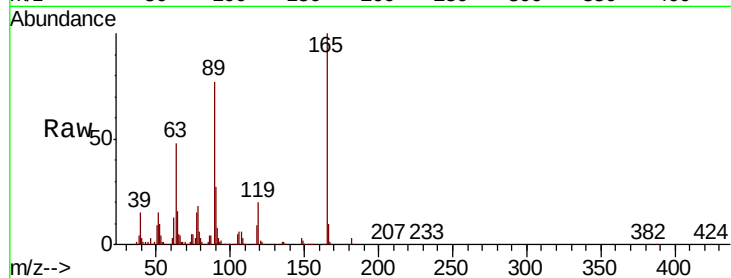
ClientSampleId :

PB127536BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.9	41.5	62.3
89	77.1	69.0	103.4
182	2.8	2.7	4.1

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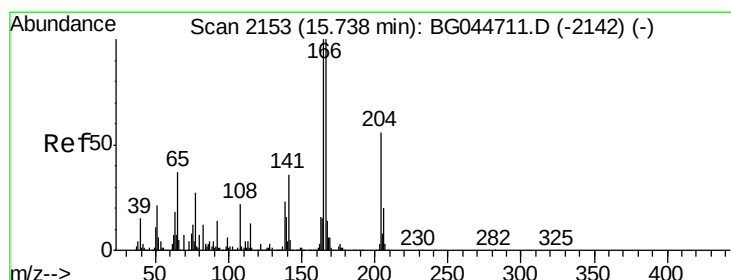
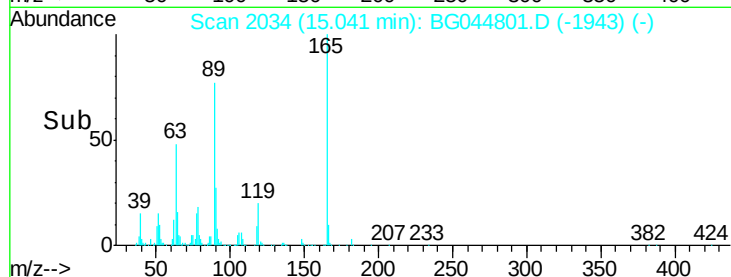
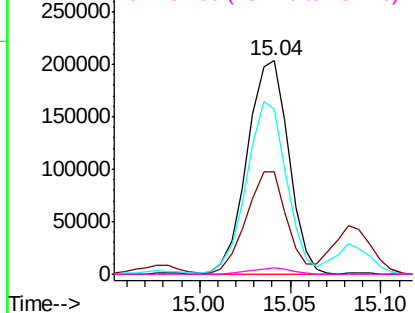
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.929 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

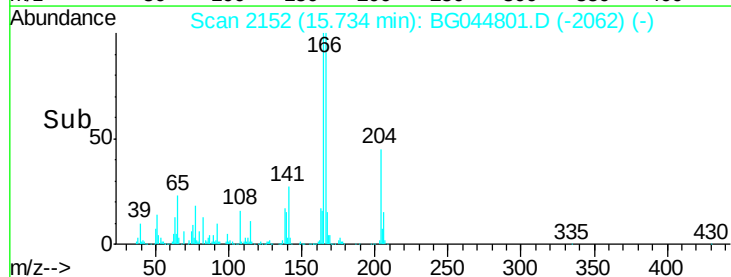
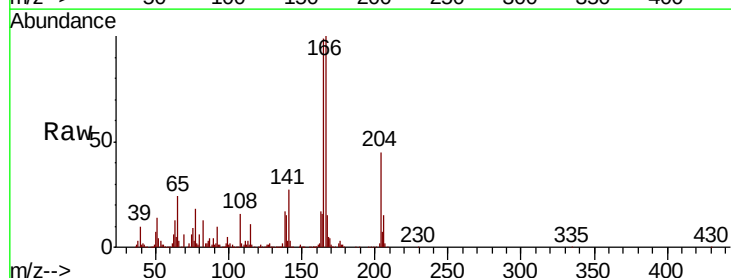
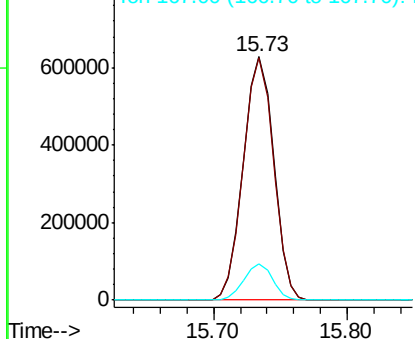
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.6	119.4
167	14.8	11.4	17.2

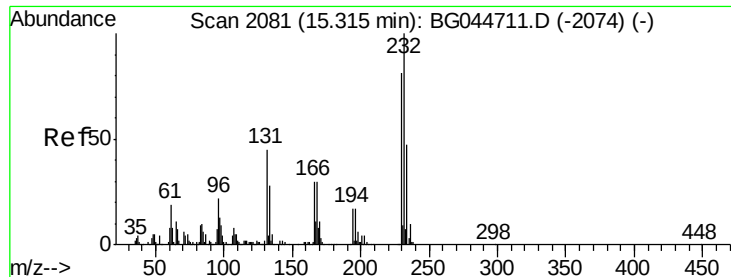
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





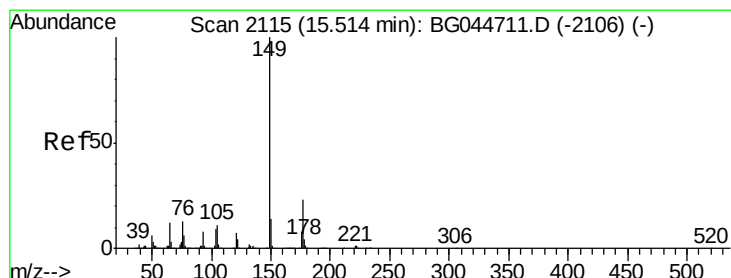
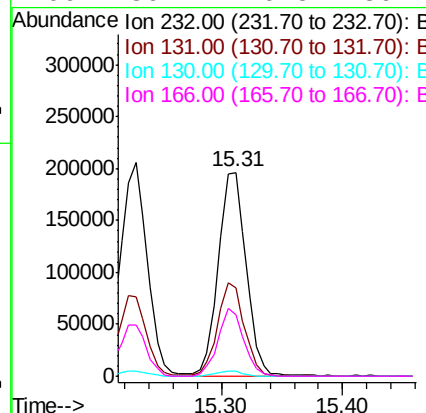
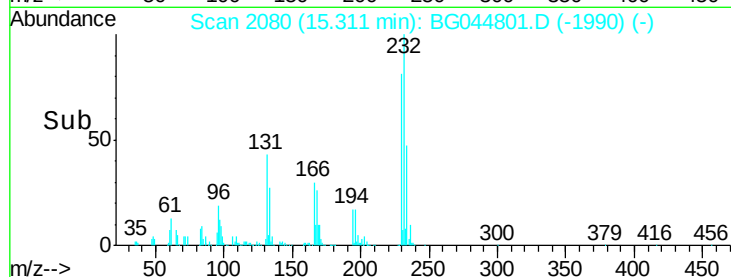
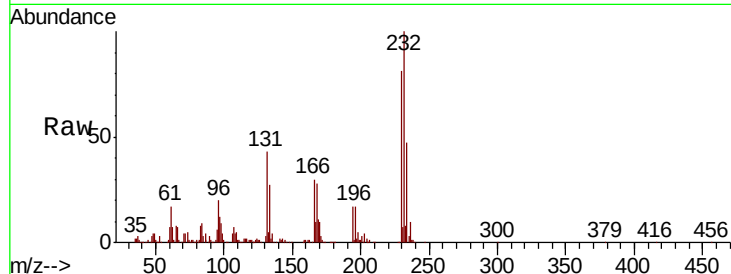
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.078 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	32.4	48.6
130	2.5	2.0	3.0
166	30.7	20.5	30.7

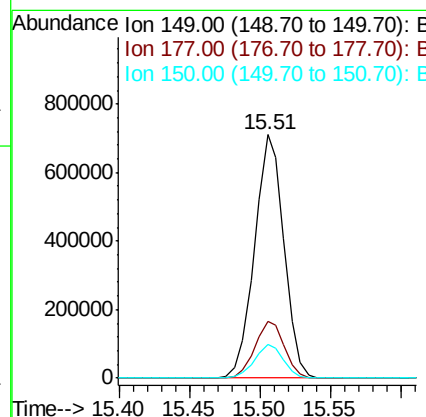
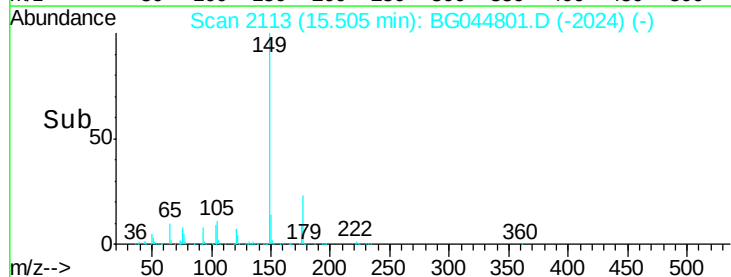
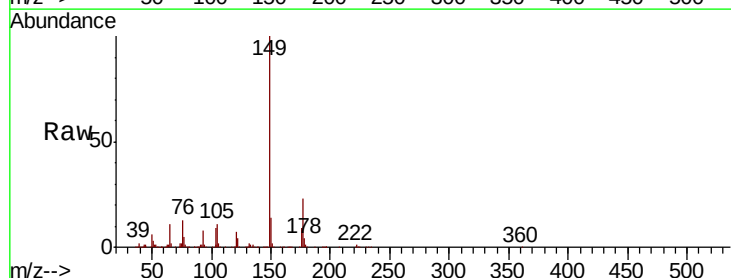
Manual Integrations
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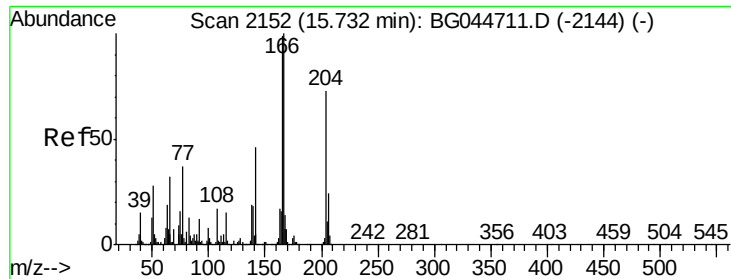
mohammad
 3/18/2020 8:43:41 AM



#60
 Diethylphthalate
 Concen: 45.088 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	13.7	11.2	16.8





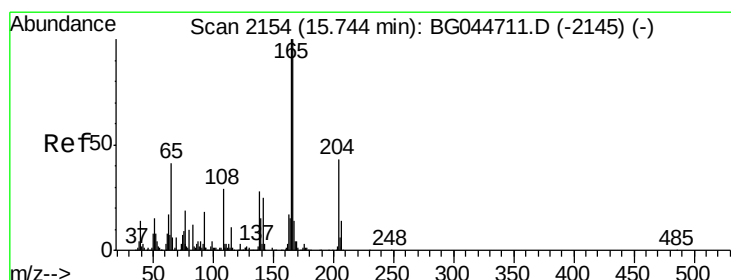
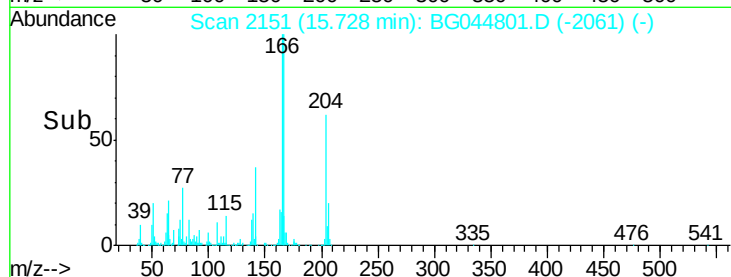
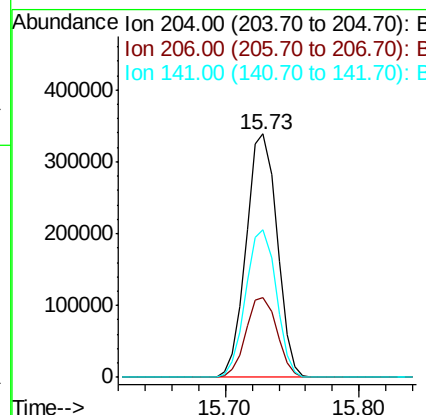
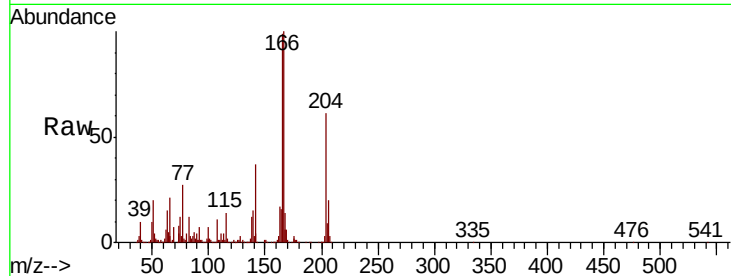
#61
4-Chlorophenyl-phenylether
Concen: 48.484 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	60.5	50.8	76.2

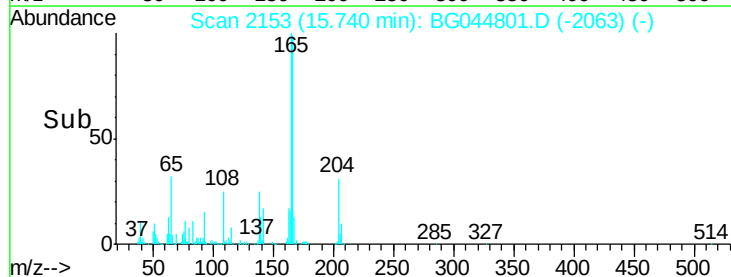
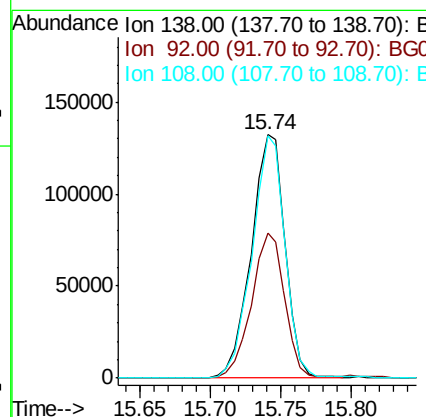
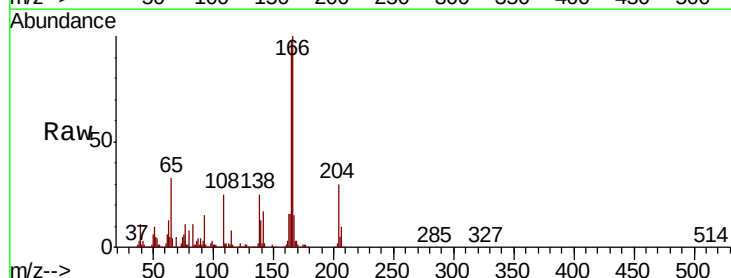
Manual Integrations
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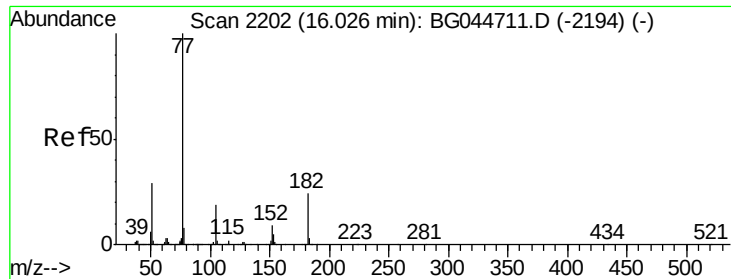
mohammad
3/18/2020 8:43:41 AM



#62
4-Nitroaniline
Concen: 40.829 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	42.1	82.1
108	99.6	81.2	121.2





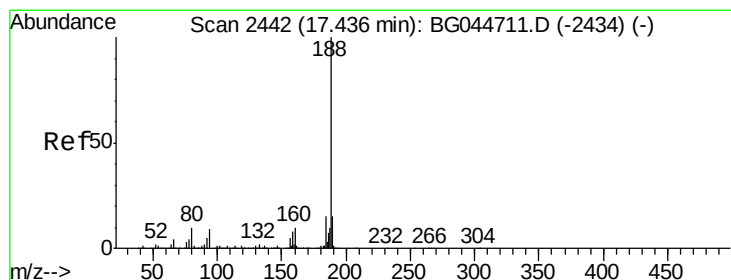
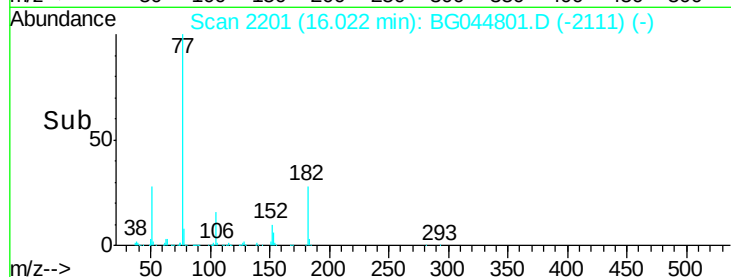
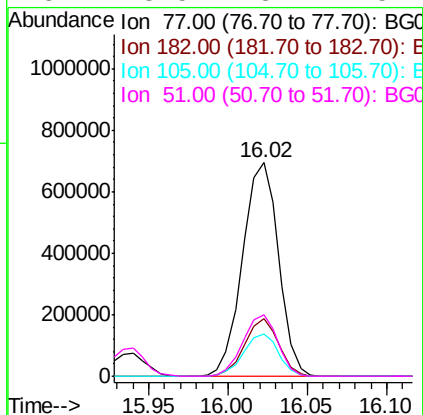
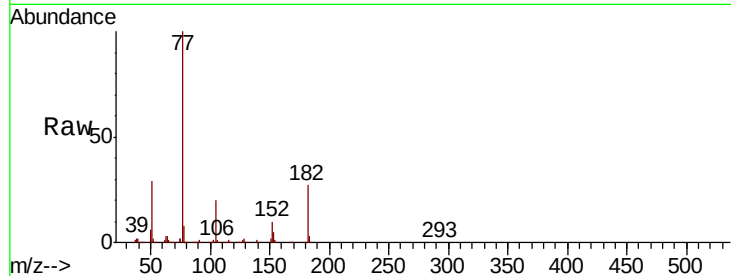
#63
Azobenzene
Concen: 45.650 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampled :
PB127536BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.9	3.6	43.6	
105	19.9	0.0	39.3	
51	28.5	8.7	48.7	

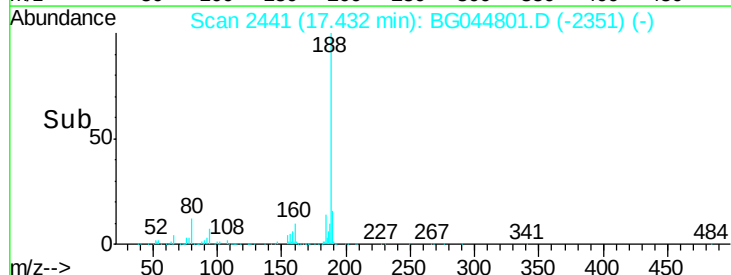
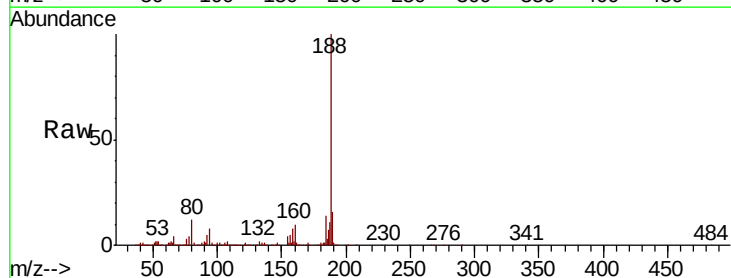
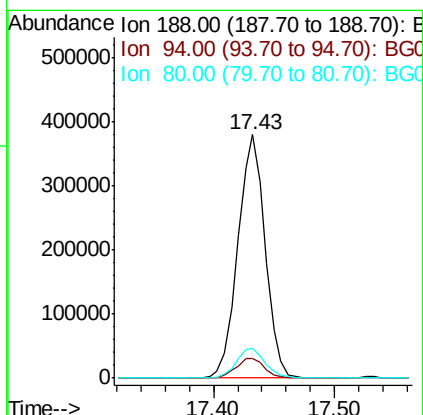
Manual Integrations
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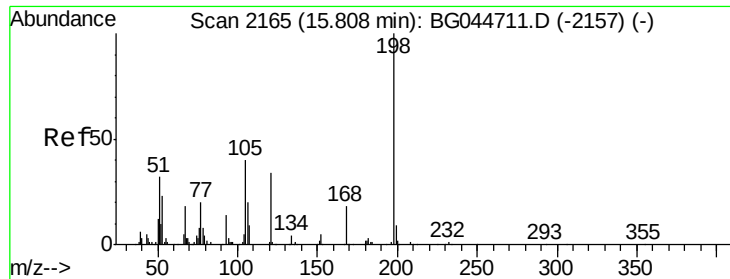
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.0	10.6	
80	12.1	8.4	12.6	





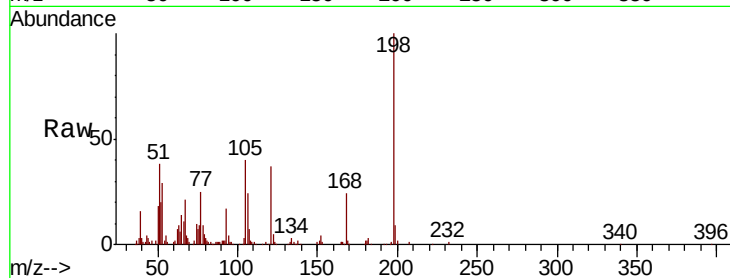
#65
4,6-Dinitro-2-methylphenol
Concen: 38.001 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampled :
PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	101147		
51	38.1	20.1	60.1	
105	40.0	21.3	61.3	

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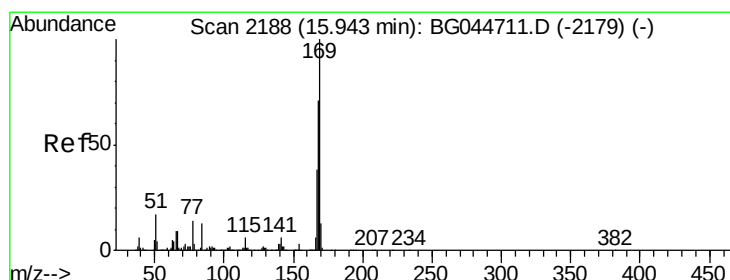
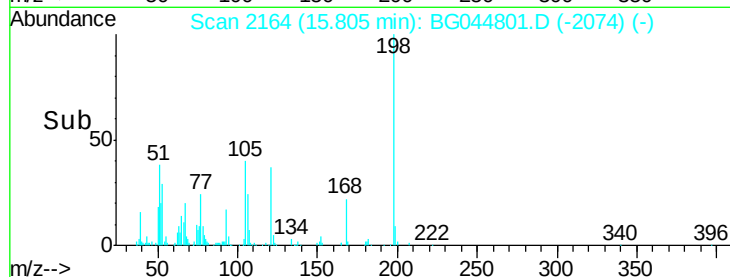
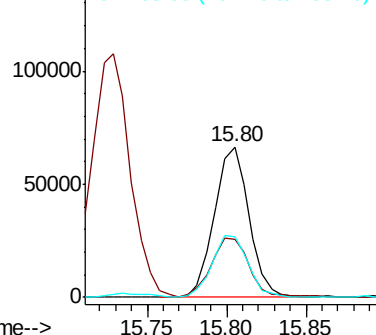


Abundance

Ion 198.00 (197.70 to 198.70): E

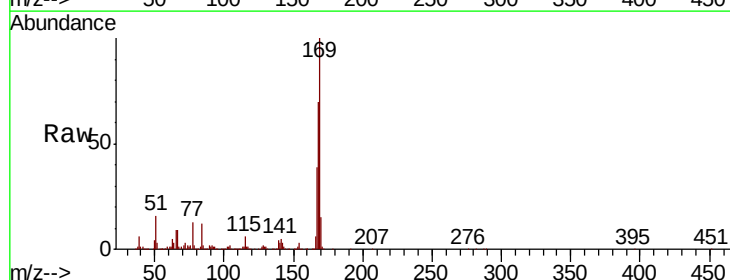
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 49.558 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	888798		
168	70.2	56.6	85.0	
167	39.2	30.1	45.1	

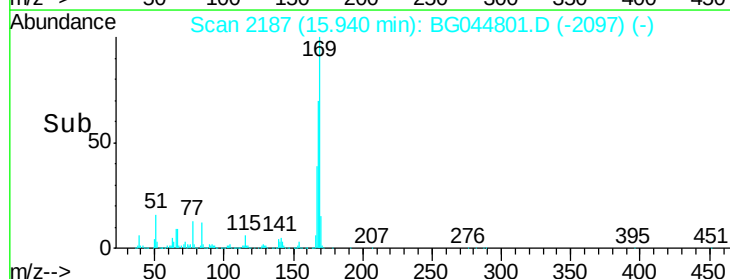
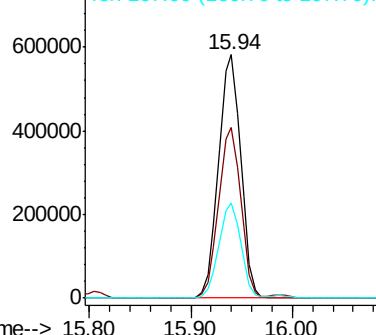


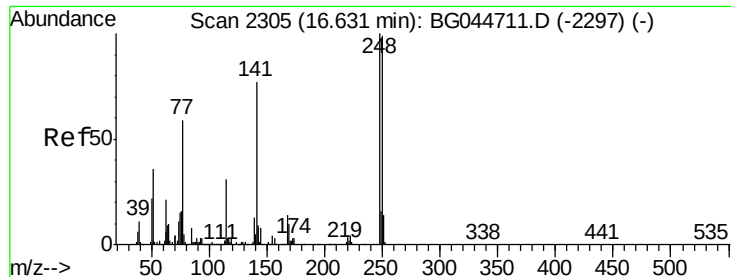
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





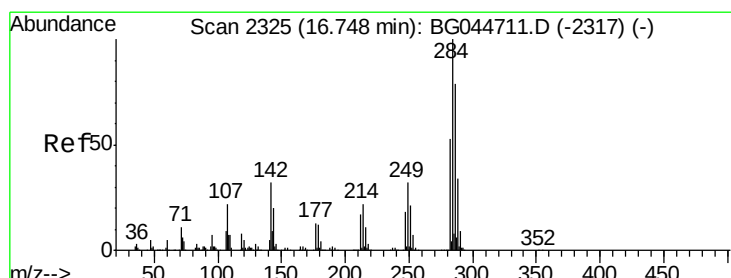
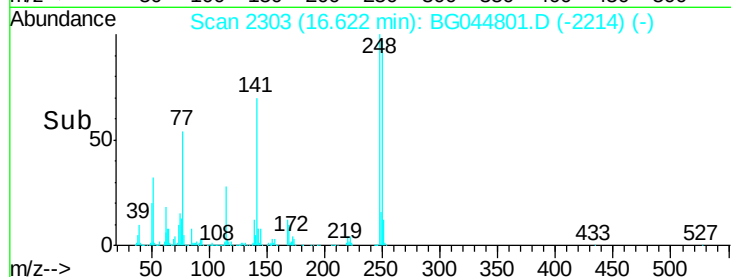
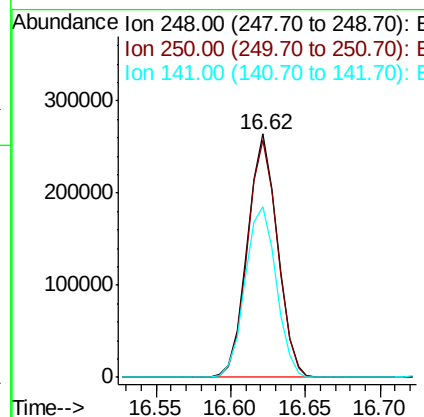
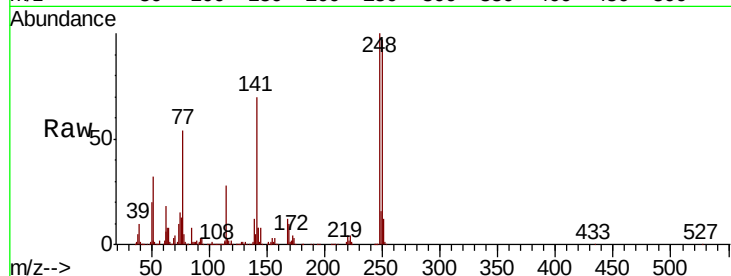
#67
 4-Bromophenyl-phenylether
 Concen: 49.431 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.4	119.0
141	69.8	61.7	92.5

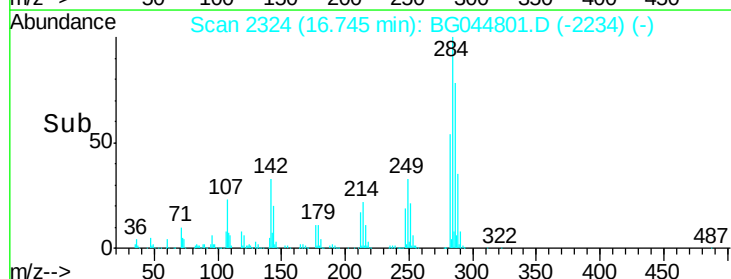
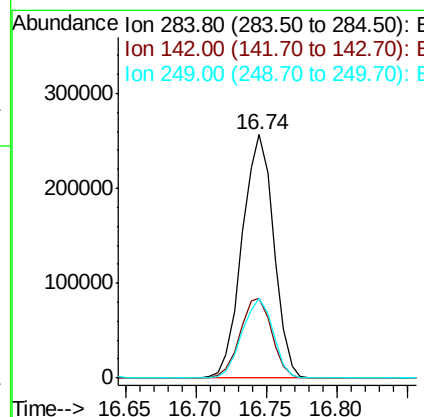
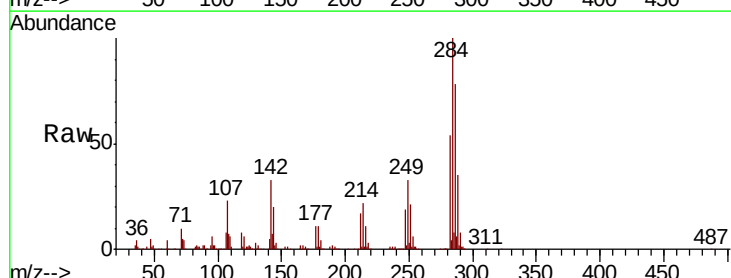
Manual Integrations
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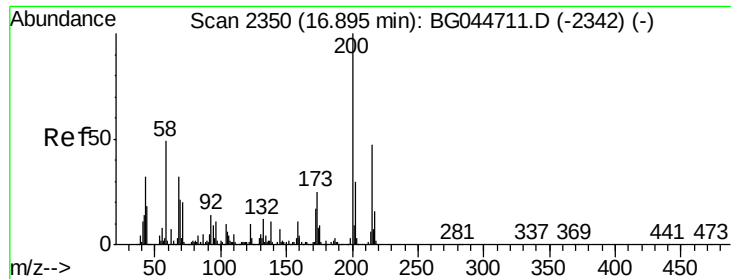
mohammad
 3/18/2020 8:43:41 AM



#68
 Hexachlorobenzene
 Concen: 49.742 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG044801.D
 Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.6	38.4
249	32.7	25.8	38.6





#69

Atrazine

Concen: 52.073 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

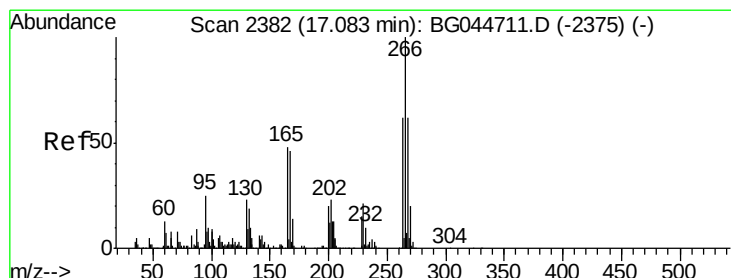
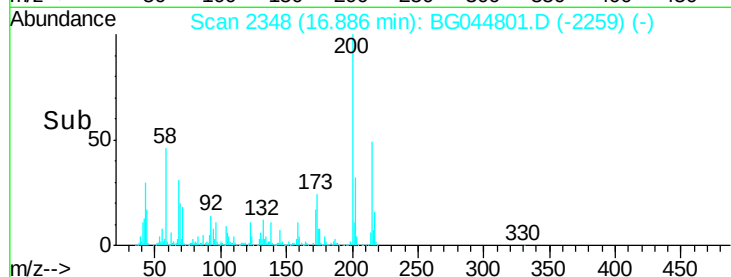
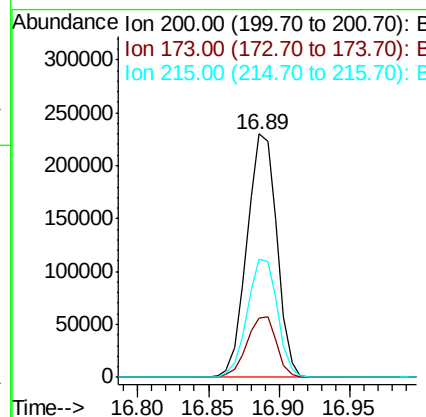
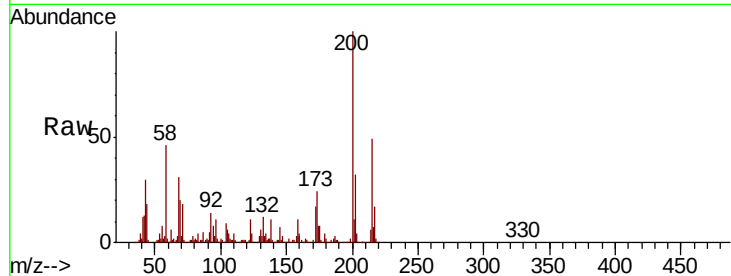
ClientSampleId :

PB127536BS

Tot Ion:	200	Resp:	342157
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.8	44.8
215	48.5	27.4	67.4

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#70

Pentachlorophenol

Concen: 109.387 ng

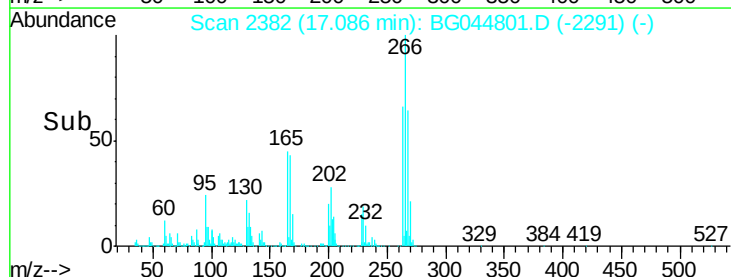
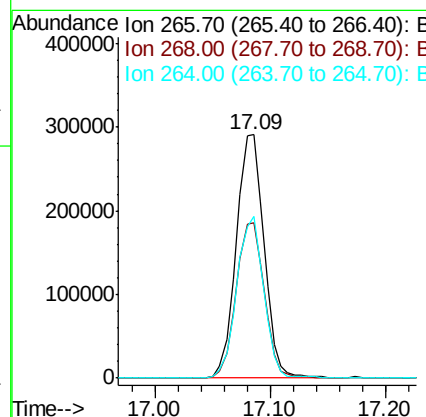
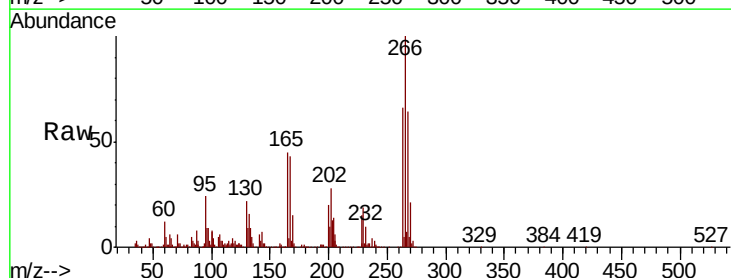
RT: 17.09 min Scan# 2382

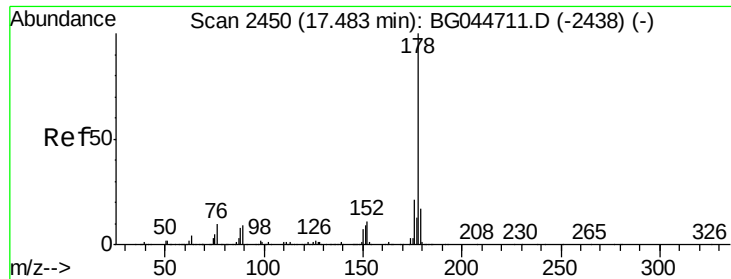
Delta R.T. 0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Tgt Ion:	266	Resp:	486258
Ion Ratio	Lower	Upper	
266	100		
268	64.0	49.9	74.9
264	66.3	49.9	74.9





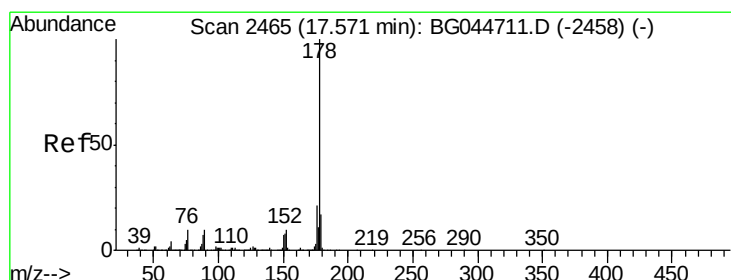
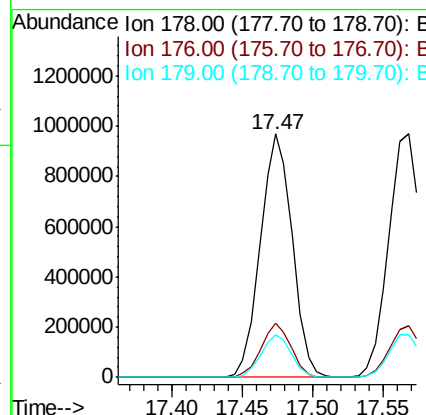
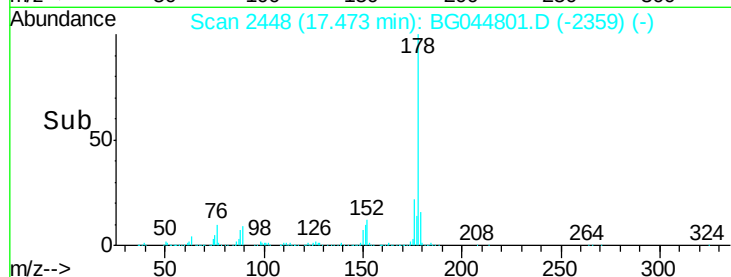
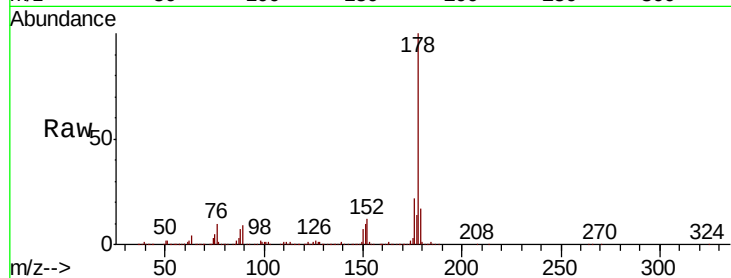
#71
Phenanthrene
Concen: 48.260 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion:178 Resp: 1536266
Ion Ratio Lower Upper
178 100
176 22.4 17.0 25.6
179 17.3 13.7 20.5

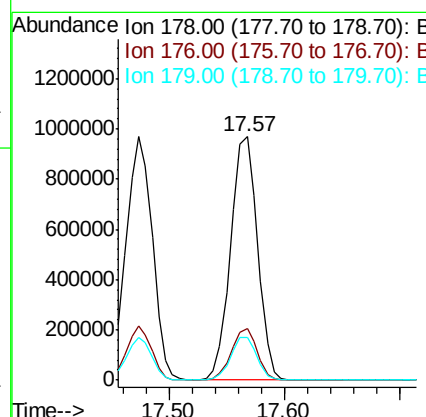
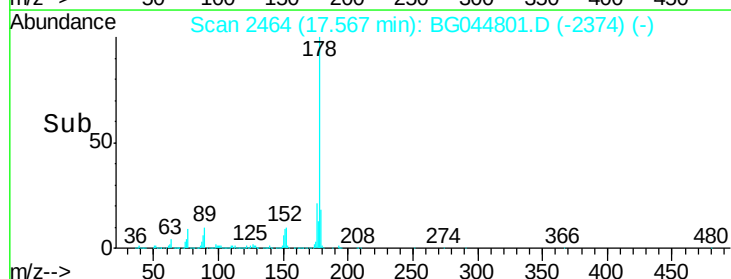
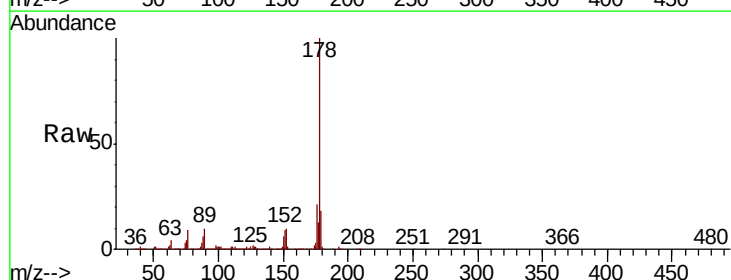
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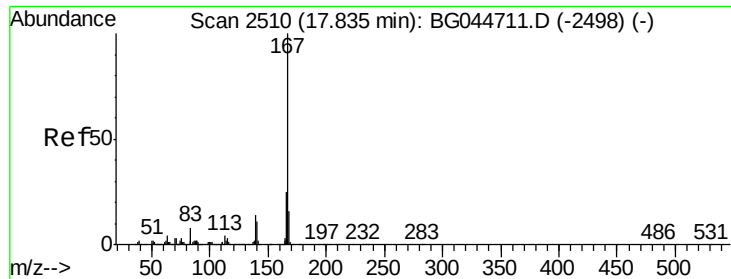
mohammad
3/18/2020 8:43:41 AM



#72
Anthracene
Concen: 49.856 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion:178 Resp: 1564922
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.6
179 17.7 13.8 20.8





#73

Carbazole

Concen: 48.132 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:167 Resp: 1451255

Ion Ratio Lower Upper

167 100

166 25.0 19.6 29.4

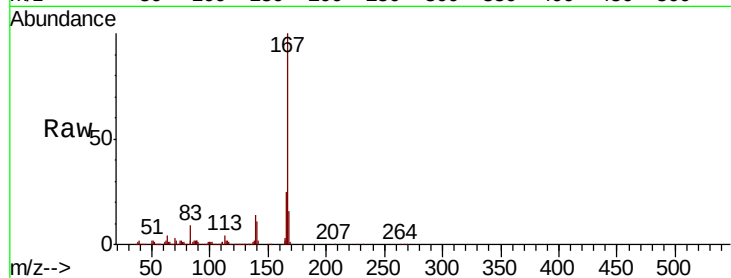
139 14.0 11.4 17.2

Manual Integrations

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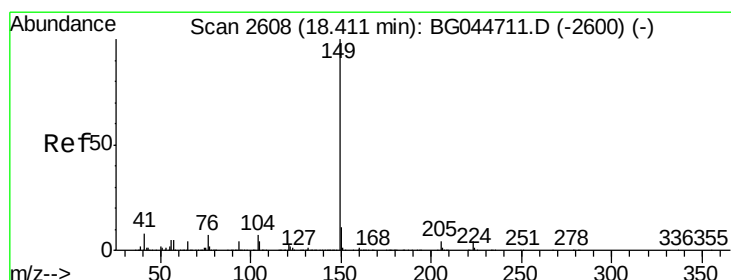
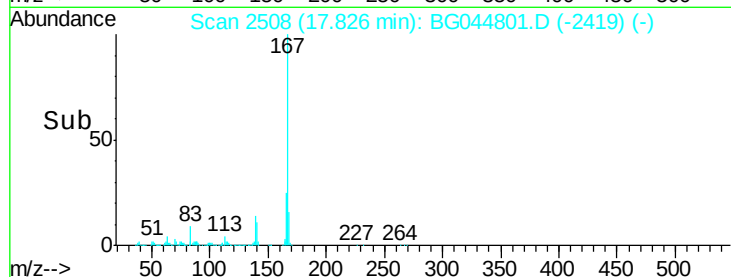
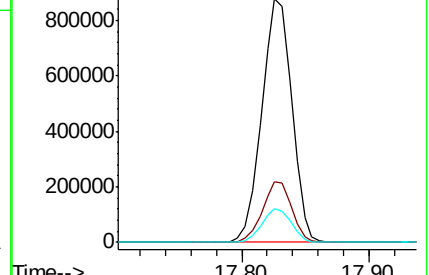
3/18/2020 8:43:41 AM



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: 46.552 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

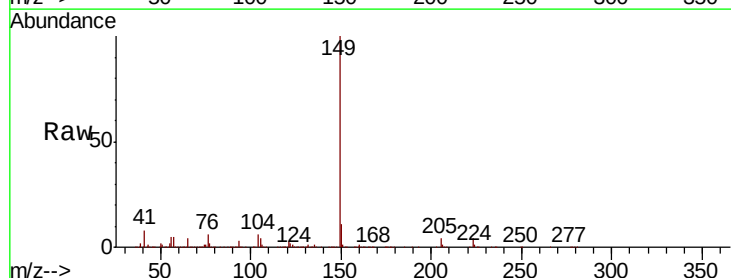
Tgt Ion:149 Resp: 1706246

Ion Ratio Lower Upper

149 100

150 10.8 8.4 12.6

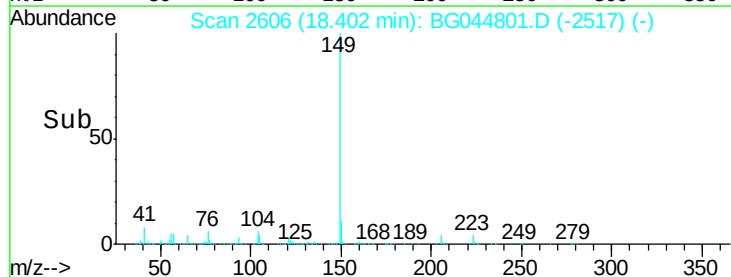
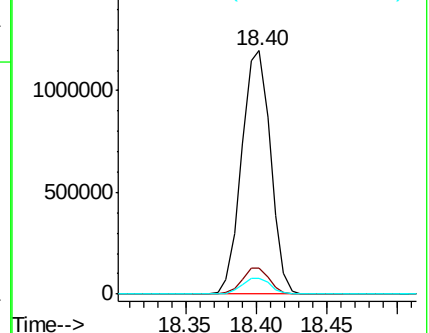
104 6.4 5.6 8.4

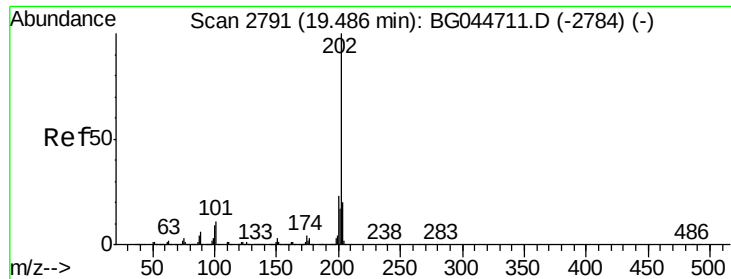


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.215 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

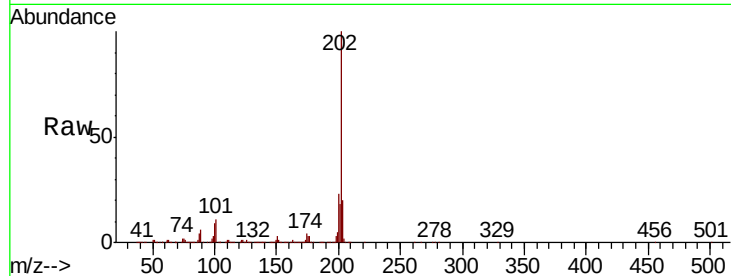
ClientSampleId :

PB127536BS

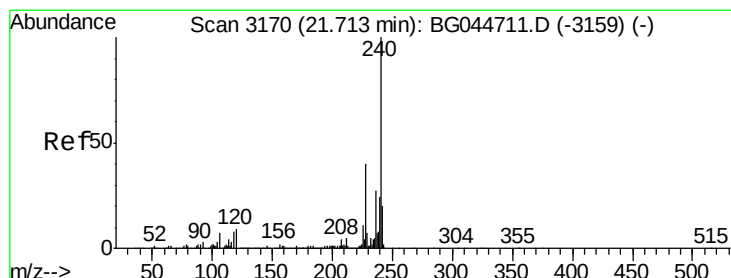
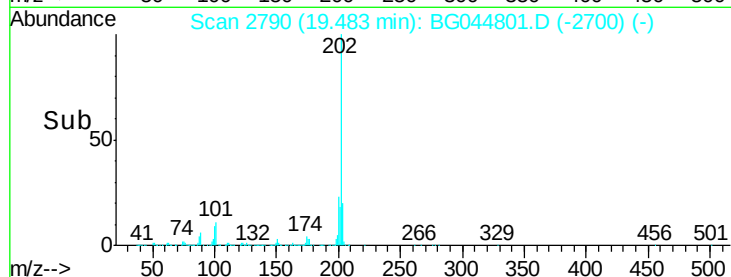
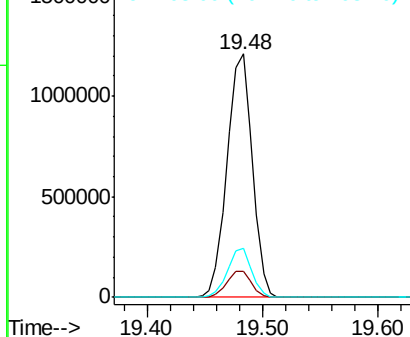
Tot Ion:	202	Resp:	1827472
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	20.3	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

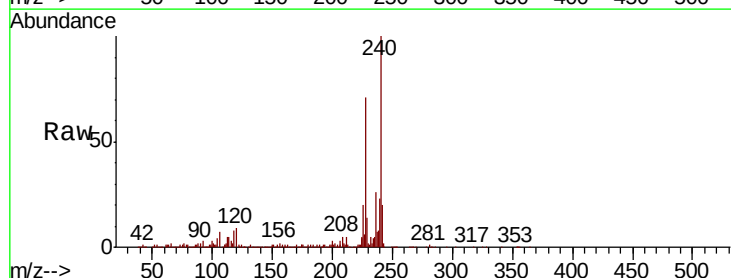
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

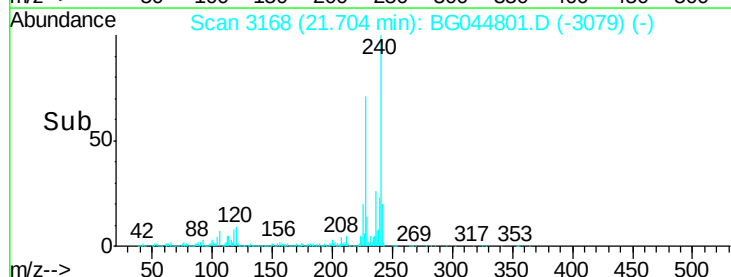
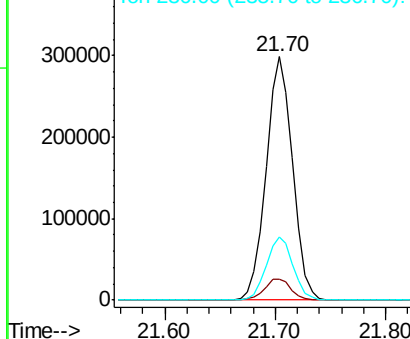
Lab File: BG044801.D

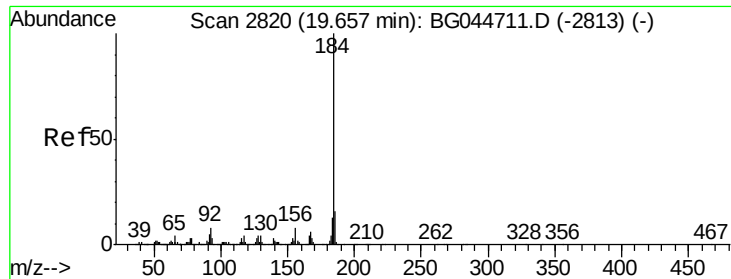
Acq: 14 Mar 2020 19:02

Tgt Ion:	240	Resp:	499599
Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.9	21.9	32.9



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: 84.440 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:184 Resp: 1369523

Ion Ratio Lower Upper

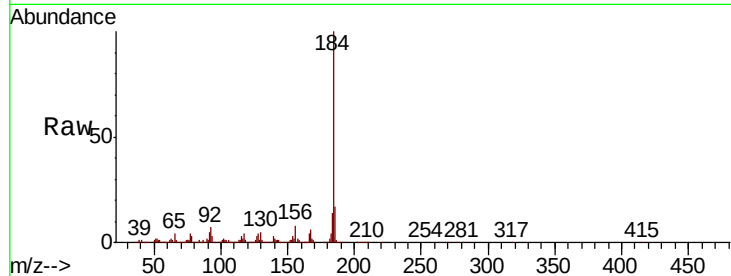
184 100

185 17.0 12.9 19.3

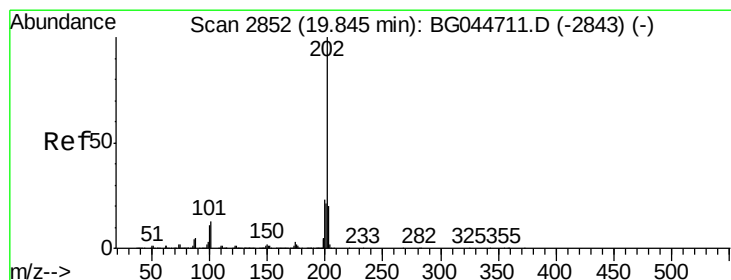
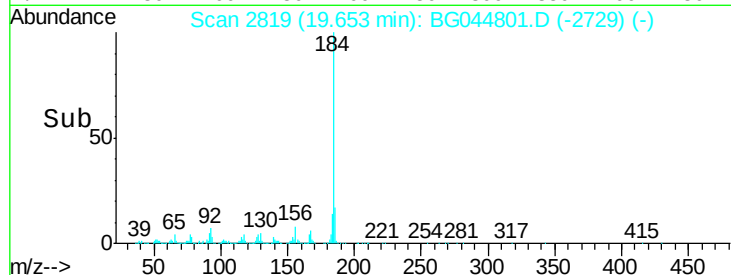
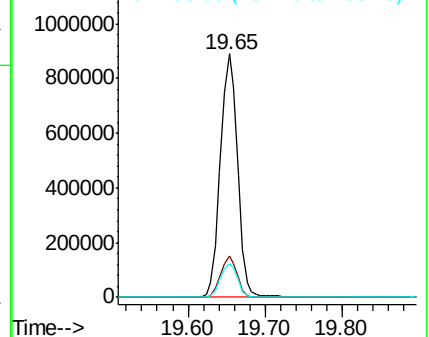
183 13.9 10.6 15.8

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
1200000 Ion 185.00 (184.70 to 185.70): E
1000000 Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.379 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

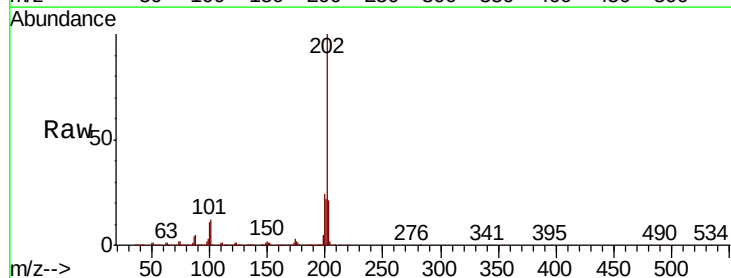
Tgt Ion:202 Resp: 1809952

Ion Ratio Lower Upper

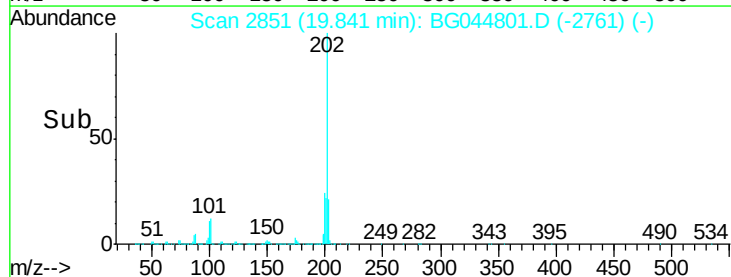
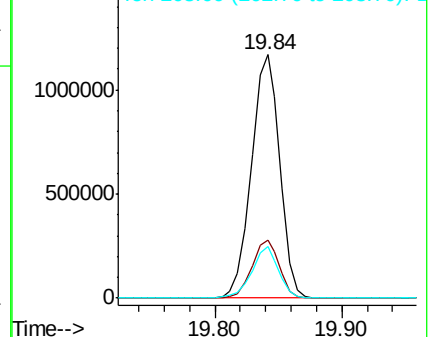
202 100

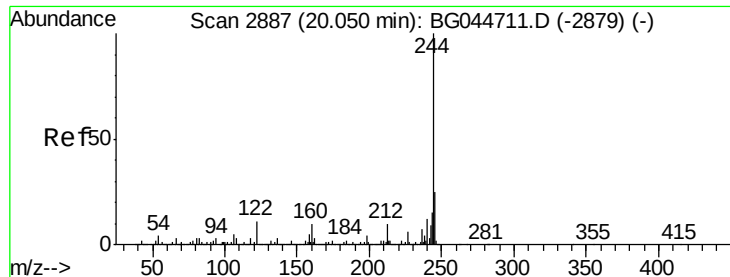
200 24.0 18.7 28.1

203 21.2 16.0 24.0



Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
1000000 Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.338 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:244 Resp: 2546339

Ion Ratio Lower Upper

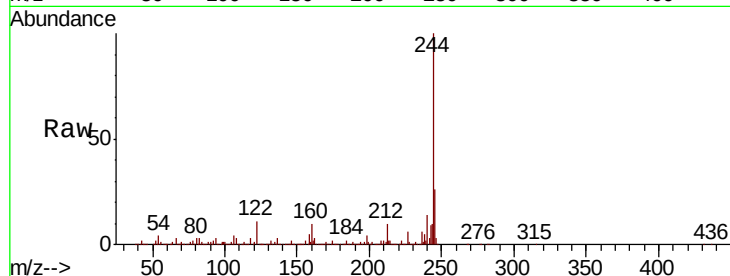
244 100

212 10.4 8.4 12.6

122 11.1 8.7 13.1

Manual Integrations
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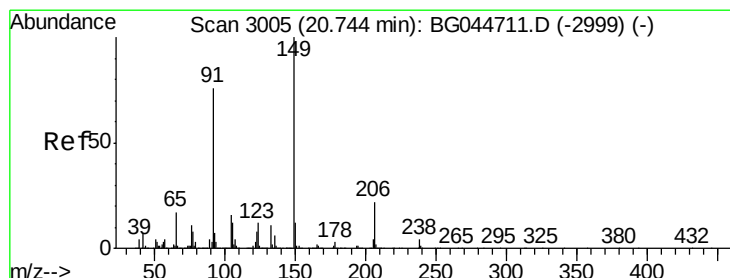
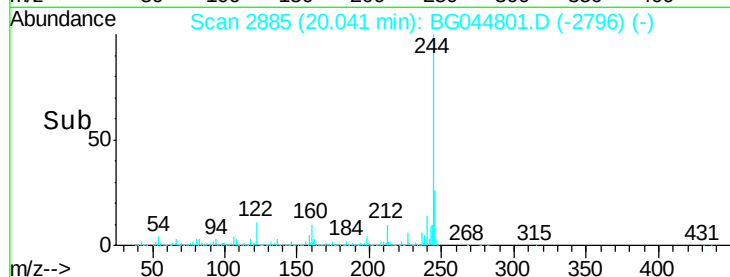
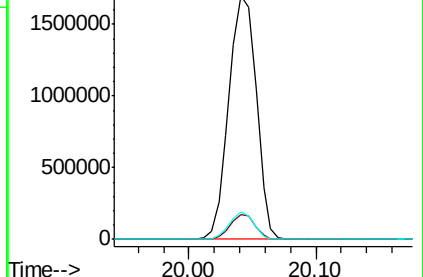
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.919 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

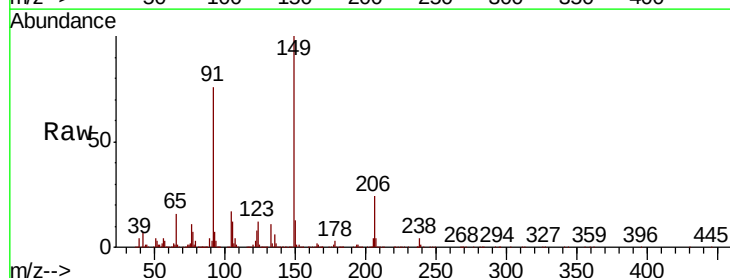
Tgt Ion:149 Resp: 781403

Ion Ratio Lower Upper

149 100

91 75.8 61.1 91.7

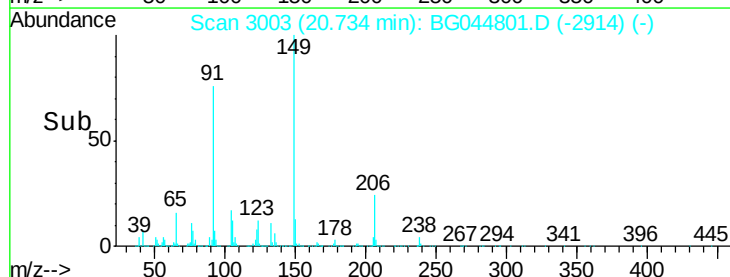
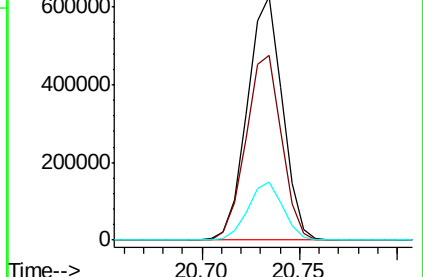
206 23.9 17.4 26.2

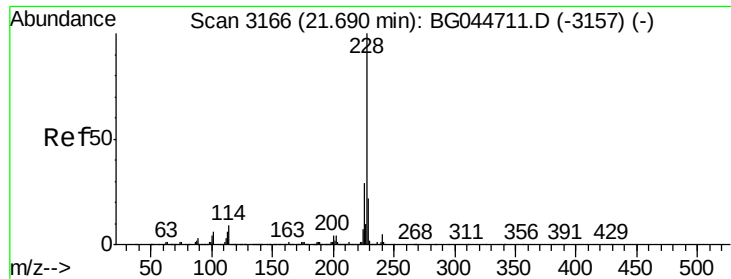


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





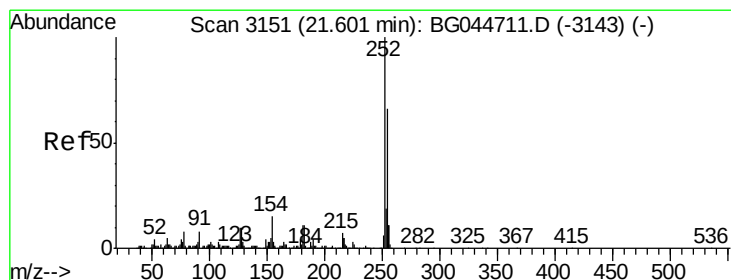
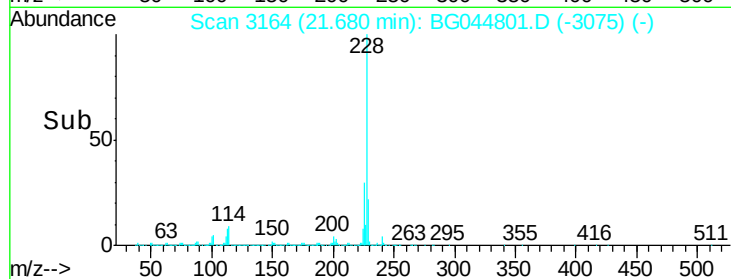
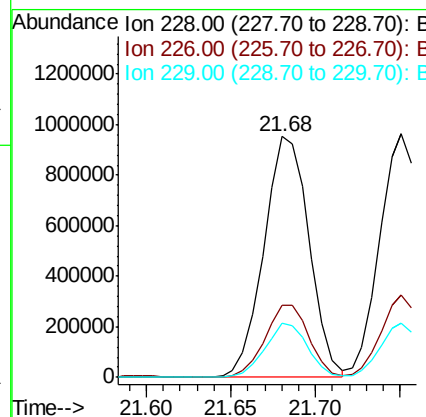
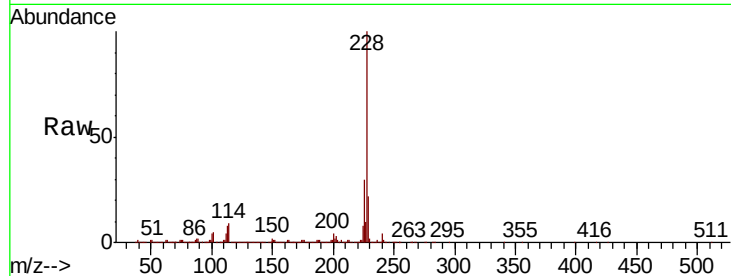
#81
Benzo(a)anthracene
Concen: 49.148 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	22.4	17.2	25.8

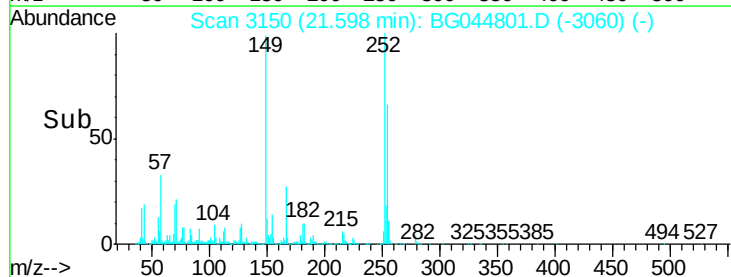
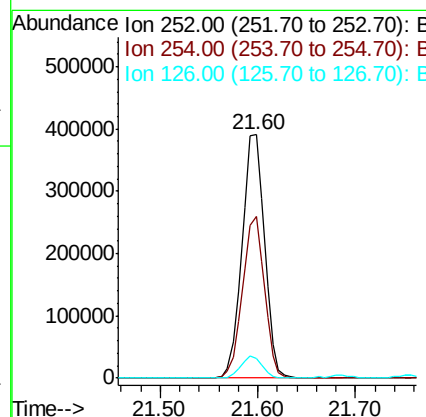
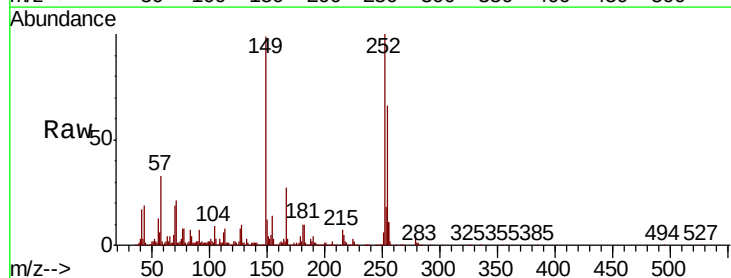
Manual Integrations
APPROVED

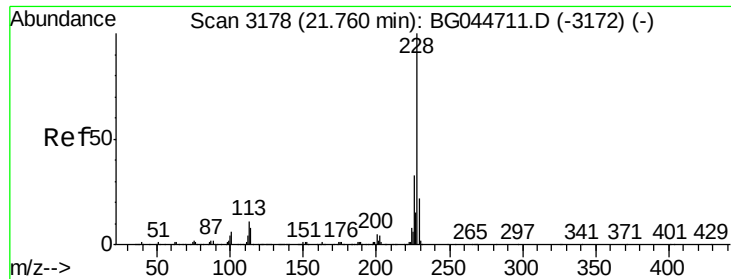
mohammad
3/18/2020 8:43:41 AM



#82
3,3'-Dichlorobenzidine
Concen: 45.337 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.4
126	8.2	8.2	12.4





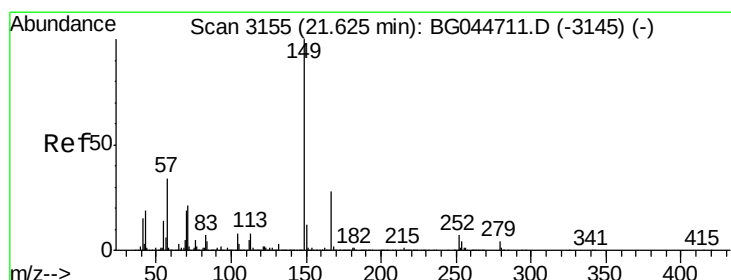
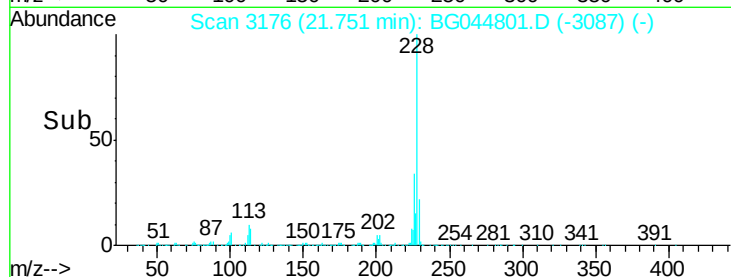
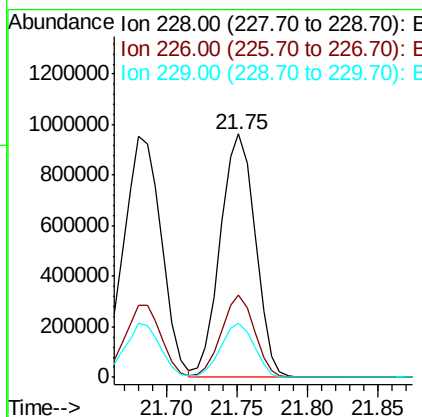
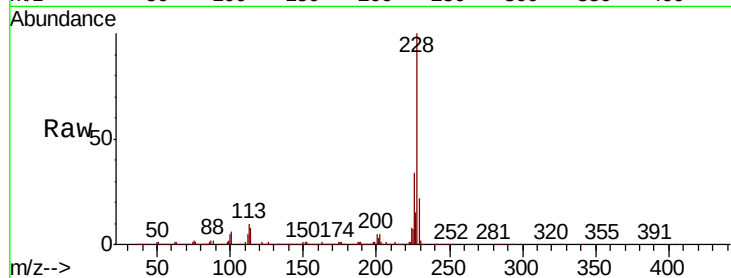
#83
Chrysene
Concen: 48.311 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	22.1	17.4	26.0

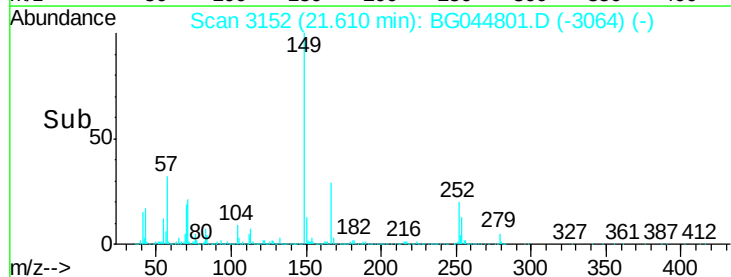
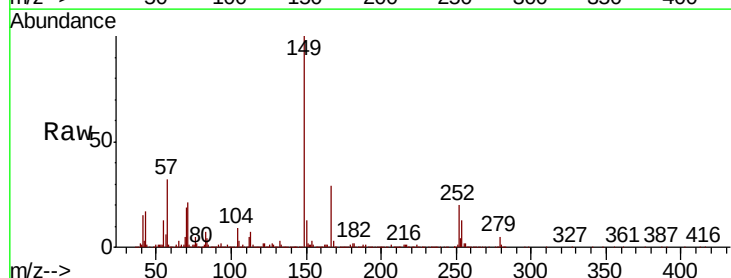
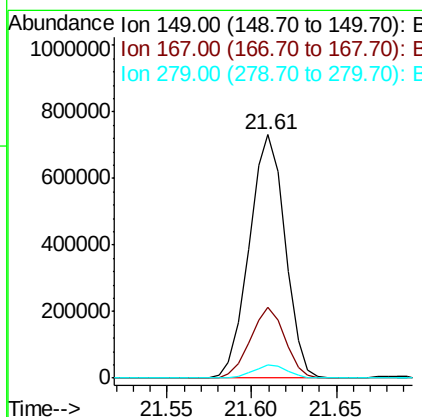
Manual Integrations
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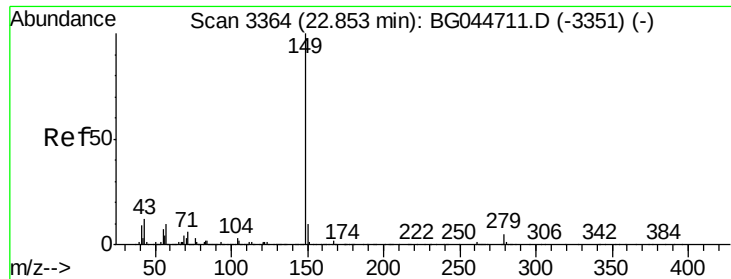
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.944 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.6	33.8
279	5.4	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 49.116 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:149 Resp: 1849708

Ion Ratio Lower Upper

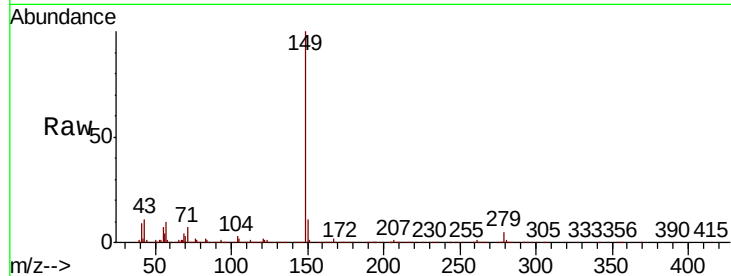
149 100

167 1.8 1.4 2.0

43 10.7 9.0 13.6

Manual Integrations
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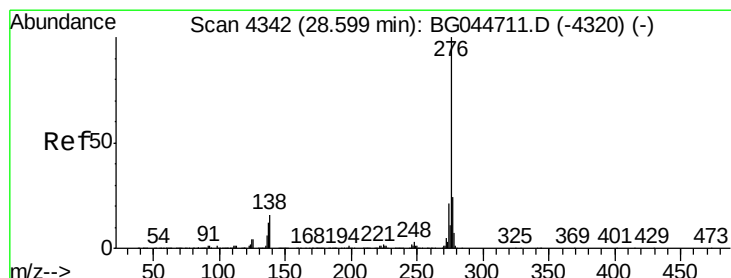
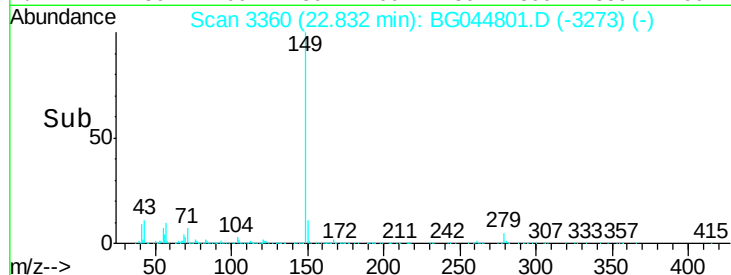
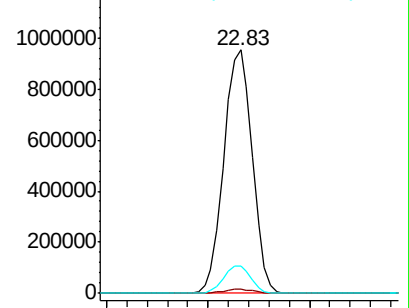
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.964 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044801.D

Acq: 14 Mar 2020 19:02

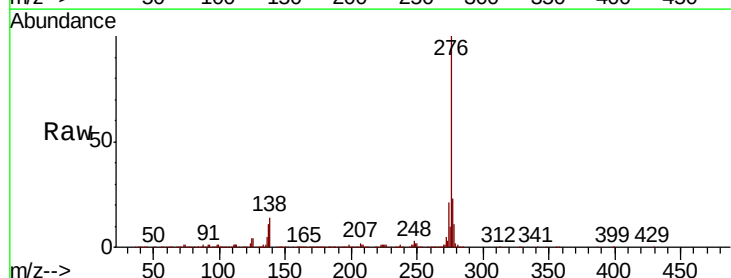
Tgt Ion:276 Resp: 2070761

Ion Ratio Lower Upper

276 100

138 6.5 10.9 16.3#

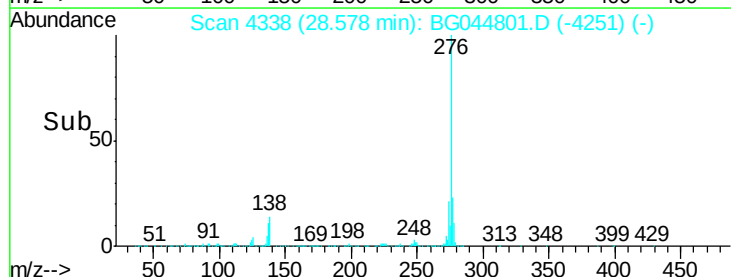
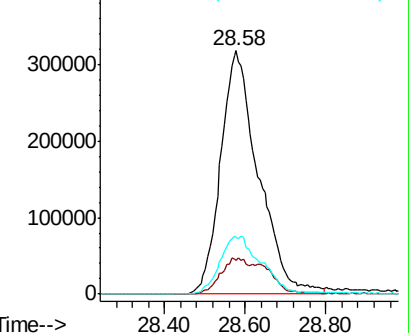
277 25.6 20.8 31.2

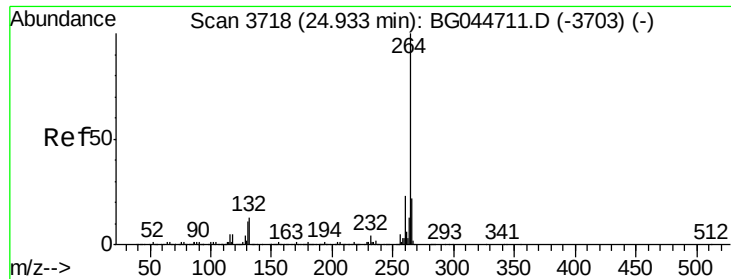


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





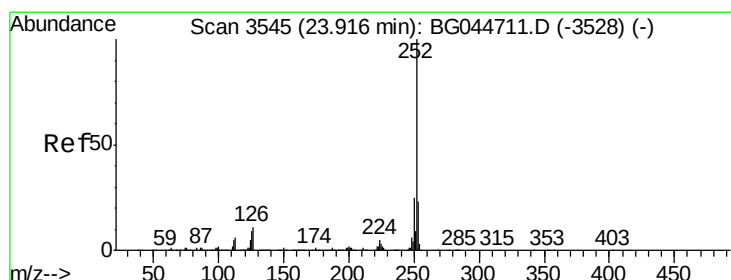
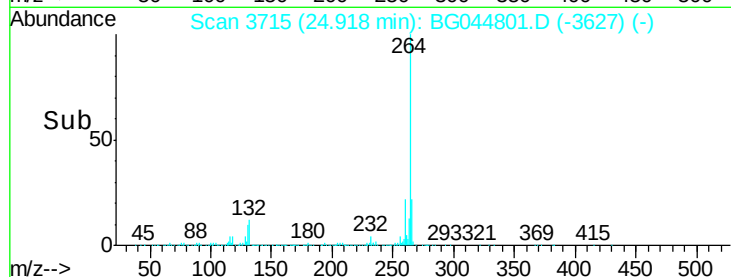
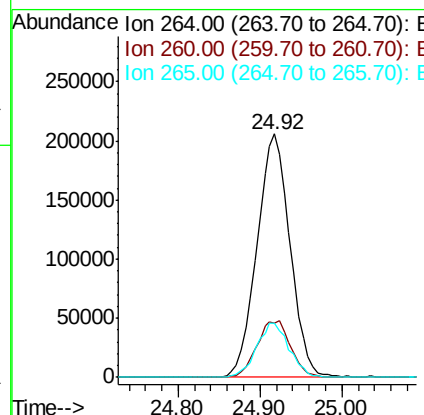
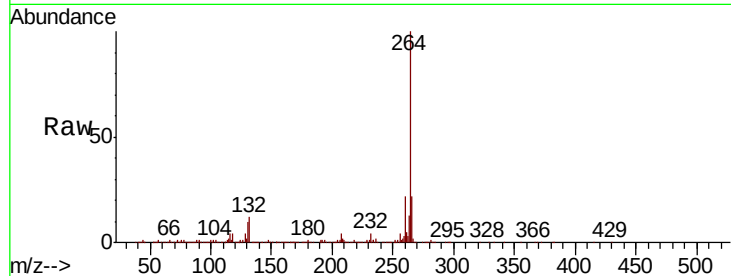
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampled :
PB127536BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	22.4	17.4	26.2

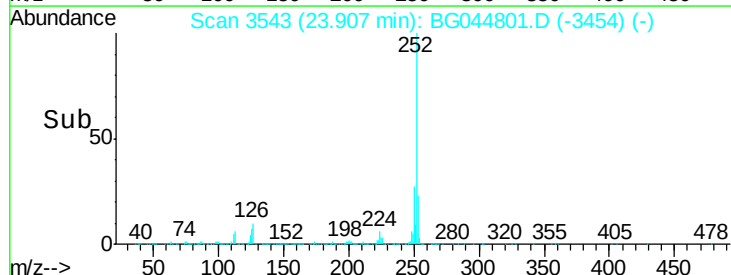
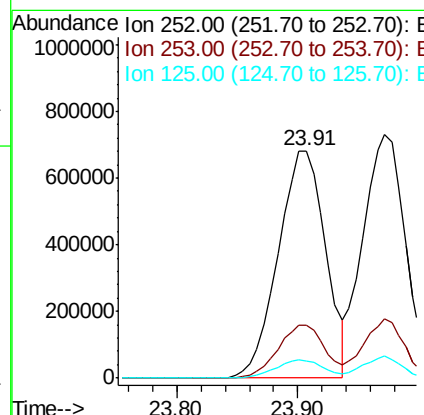
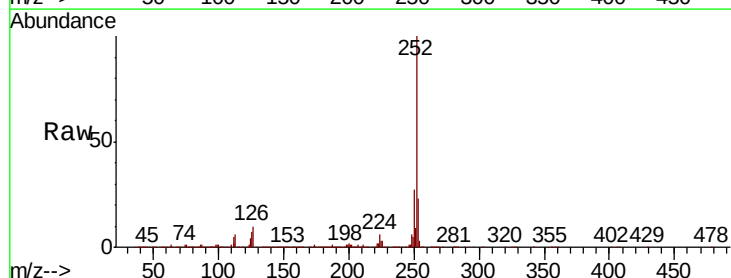
Manual Integrations
APPROVED

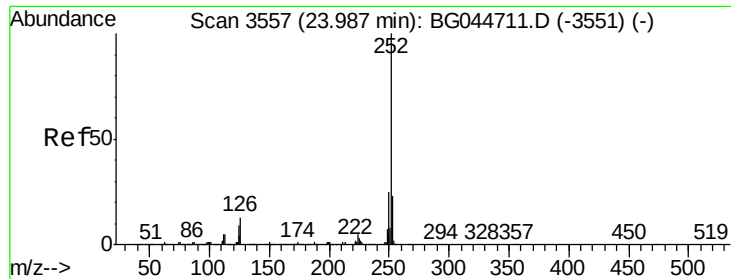
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.564 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	7.5	7.2	10.8





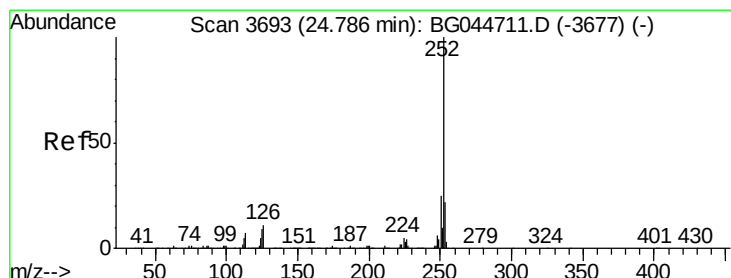
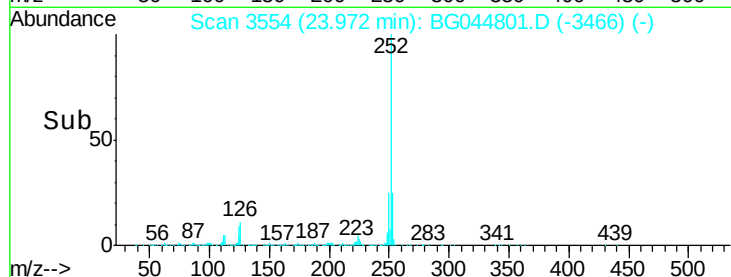
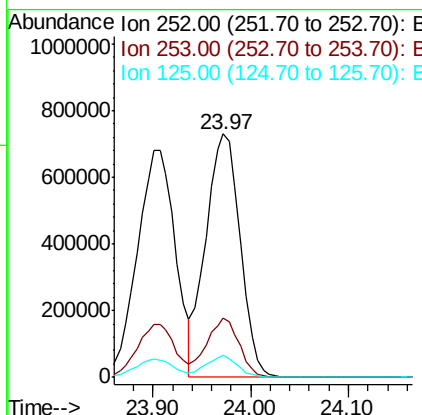
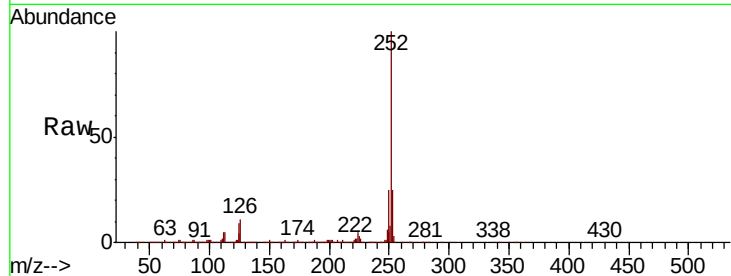
#89
Benzo(k)fluoranthene
Concen: 49.396 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	8.9	7.0	10.4

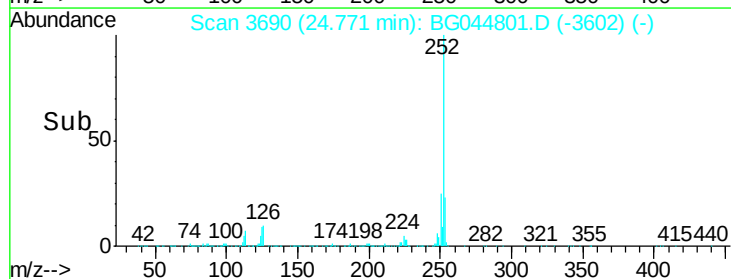
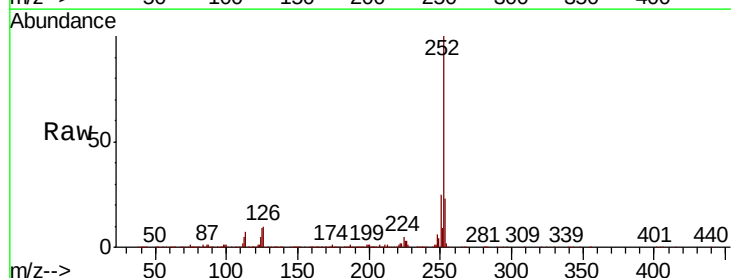
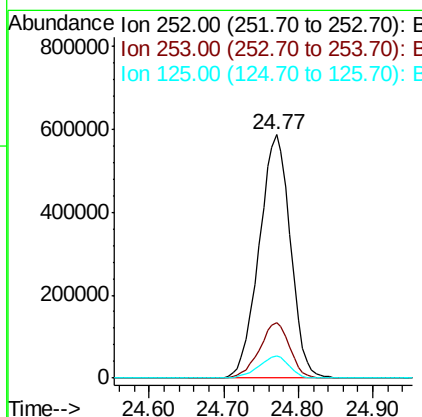
Manual Integrations
APPROVED

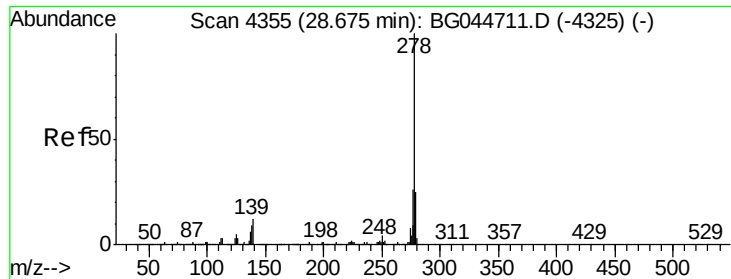
mohammad
3/18/2020 8:43:41 AM



#90
Benzo(a)pyrene
Concen: 47.834 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.1	7.0	10.6





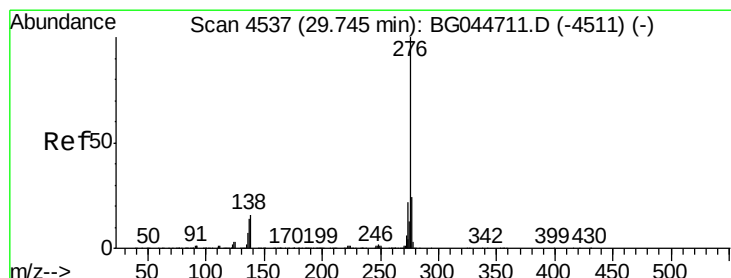
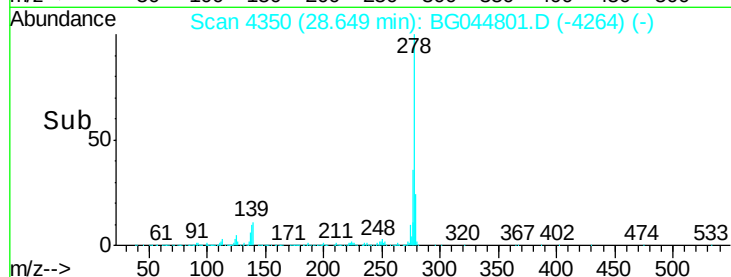
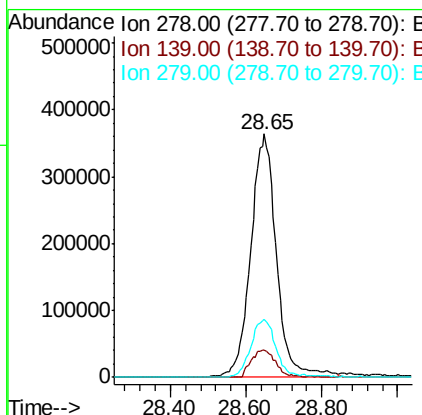
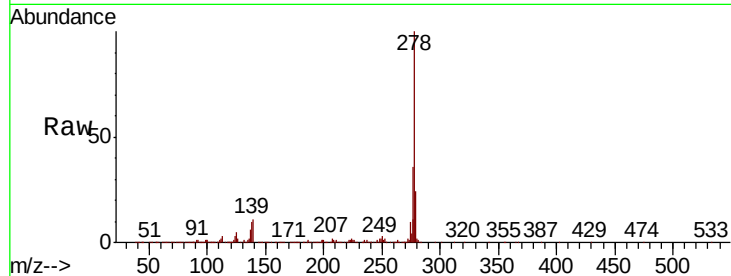
#91
Dibenzo(a,h)anthracene
Concen: 48.607 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.03 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.9	14.9
279	23.7	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/18/2020 8:43:41 AM



#92
Benzo(g,h,i)perylene
Concen: 43.715 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.03 min
Lab File: BG044801.D
Acq: 14 Mar 2020 19:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	16.0	13.0	19.4

