

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044812.D
 Acq On : 16 Mar 2020 14:21
 Operator : CG/JU
 Sample : PB127559BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Manual Integrations
 APPROVED

mohammad
 3/18/2020 8:44:09 AM

Quant Time: Mar 16 18:08:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	105631	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	403693	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	278827	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	695685	20.00	ng	0.00
76) Chrysene-d12	21.70	240	603042	20.00	ng	0.00
87) Perylene-d12	24.92	264	533236	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	828783	122.14	ng	0.01
7) Phenol-d6	7.22	99	1146452	116.28	ng	0.01
23) Nitrobenzene-d5	9.22	82	659039	71.64	ng	0.01
42) 2,4,6-Tribromophenol	16.18	330	512650	140.42	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1364395	70.07	ng	0.01
79) Terphenyl-d14	20.04	244	2251598	69.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	109252	33.435	ng	99
3) Pyridine	3.91	79	274092	28.335	ng	98
4) n-Nitrosodimethylamine	3.82	42	142826	38.914	ng	# 88
6) Aniline	7.38	93	338088	27.559	ng	98
8) 2-Chlorophenol	7.62	128	306949	45.314	ng	96
9) Benzaldehyde	7.18	77	87693m	11.017	ng	
10) Phenol	7.24	94	425861	43.630	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	313202	40.206	ng	97
12) 1,3-Dichlorobenzene	7.95	146	331744	39.757	ng	97
13) 1,4-Dichlorobenzene	8.09	146	332367	40.290	ng	97
14) 1,2-Dichlorobenzene	8.41	146	318251	40.677	ng	99
15) Benzyl Alcohol	8.29	79	325467	41.145	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	466326	33.922	ng	99
17) 2-Methylphenol	8.50	107	288701	43.665	ng	97
18) Hexachloroethane	9.15	117	133435	41.085	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	259691	37.304	ng	97
20) 3+4-Methylphenols	8.82	107	393339	43.157	ng	98
22) Acetophenone	8.87	105	474717	41.509	ng	98
24) Nitrobenzene	9.26	77	395714	41.455	ng	98
25) Isophorone	9.79	82	732614	40.803	ng	98
26) 2-Nitrophenol	9.97	139	170062	50.936	ng	96
27) 2,4-Dimethylphenol	10.03	122	295317	50.507	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	416348	38.856	ng	99
29) 2,4-Dichlorophenol	10.51	162	309161	45.269	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	333213	40.804	ng	95
31) Naphthalene	10.91	128	930709	41.619	ng	98
32) Benzoic acid	10.17	122	205427	45.683	ng	98
33) 4-Chloroaniline	11.01	127	204920	20.339	ng	97
34) Hexachlorobutadiene	11.21	225	222899	41.507	ng	98
35) Caprolactam	11.78	113	127057m	49.137	ng	
36) 4-Chloro-3-methylphenol	12.14	107	360385	44.245	ng	99
37) 2-Methylnaphthalene	12.52	142	691622	41.345	ng	96
38) 1-Methylnaphthalene	12.73	142	654717	41.631	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	364065	39.647	ng	99

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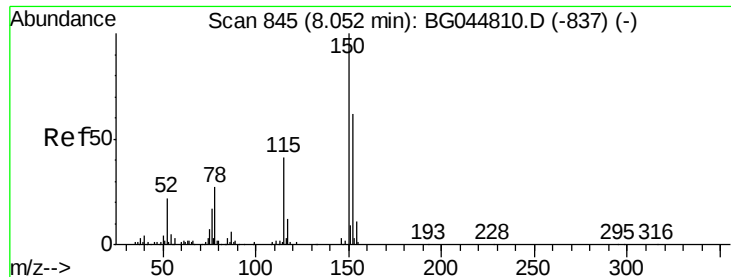
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	387194	77.156	nq	99
43) 2,4,6-Trichlorophenol	13.12	196	275102	45.143	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	288177	45.598	nq	95
46) 1,1'-Biphenyl	13.52	154	865542	38.845	nq	98
47) 2-Chloronaphthalene	13.56	162	665911	39.122	nq	99
48) 2-Nitroaniline	13.76	65	258474	43.375	nq	97
49) Acenaphthylene	14.41	152	1122460	42.093	nq	97
50) Dimethylphthalate	14.15	163	916697	41.279	nq	98
51) 2,6-Dinitrotoluene	14.25	165	212642	47.504	nq	98
52) Acenaphthene	14.76	154	822273	47.084	nq	99
53) 3-Nitroaniline	14.58	138	156737	30.456	nq	94
54) 2,4-Dinitrophenol	14.79	184	249679	103.959	nq	94
55) Dibenzofuran	15.09	168	1083755	42.793	nq	98
56) 4-Nitrophenol	14.89	139	425590	108.358	nq	94
57) 2,4-Dinitrotoluene	15.04	165	306179	49.873	nq	# 96
58) Fluorene	15.74	166	890265	42.734	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	292976m	50.352	nq	
60) Diethylphthalate	15.51	149	985112	42.531	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	476010	42.434	nq	99
62) 4-Nitroaniline	15.74	138	238337	43.431	nq	94
63) Azobenzene	16.03	77	979835	40.737	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	186972	55.645	nq	97
66) n-Nitrosodiphenylamine	15.94	169	824699	39.375	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	342456	39.376	nq	100
68) Hexachlorobenzene	16.75	284	367726	38.973	nq	99
69) Atrazine	16.89	200	358014	46.655	nq	98
70) Pentachlorophenol	17.08	266	490484	94.479	nq	98
71) Phenanthrene	17.48	178	1512813	40.693	nq	99
72) Anthracene	17.56	178	1519245	41.444	nq	96
73) Carbazole	17.83	167	1449297	41.159	nq	97
74) Di-n-butylphthalate	18.40	149	1725964	40.322	nq	98
75) Fluoranthene	19.48	202	1831028	41.366	nq	97
77) Benzidine	19.65	184	451629	23.069	nq	99
78) Pyrene	19.84	202	1815731	41.040	nq	97
80) Butylbenzylphthalate	20.73	149	782885	39.775	nq	97
81) Benzo(a)anthracene	21.68	228	1760699	40.547	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	543077	32.328	nq	99
83) Chrysene	21.75	228	1658596	39.986	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1099184	40.464	nq	98
85) Di-n-octyl phthalate	22.83	149	1876350	41.277	nq	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2192853	40.324	nq	# 98
88) Benzo(b)fluoranthene	23.90	252	1895433	53.843	nq	98
89) Benzo(k)fluoranthene	23.97	252	1758535	52.787	nq	98
90) Benzo(a)pyrene	24.77	252	1695965	51.487	nq	98
91) Dibenzo(a,h)anthracene	28.66	278	1799141	55.363	nq	97
92) Benzo(g,h,i)perylene	29.72	276	1836172	55.925	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

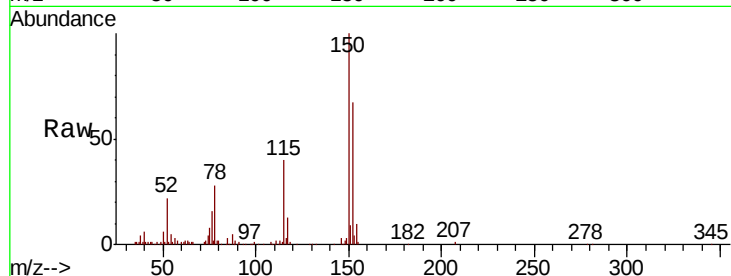
ClientSampleId :

PB127559BS

Tot Ion:	152	Resp:	105631
Ion	Ratio	Lower	Upper
152	100		
150	150.1	128.8	193.2
115	59.6	52.6	79.0

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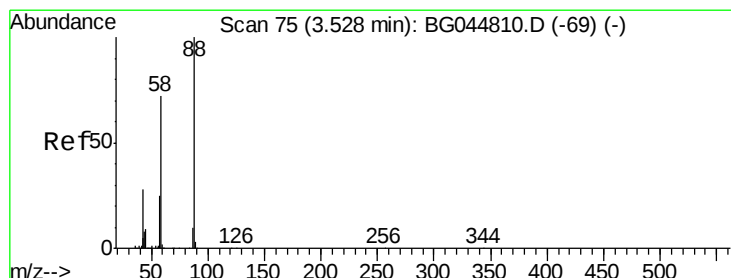
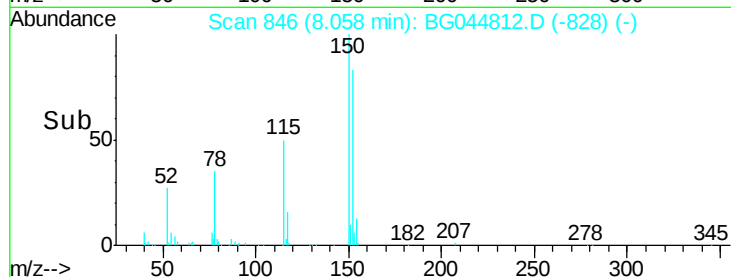
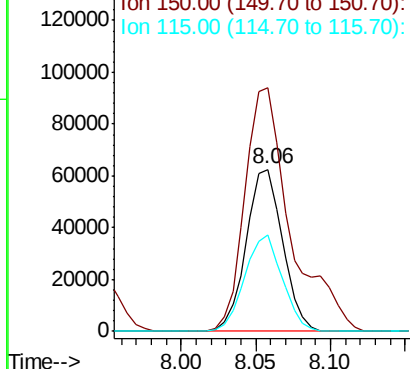


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.435 ng

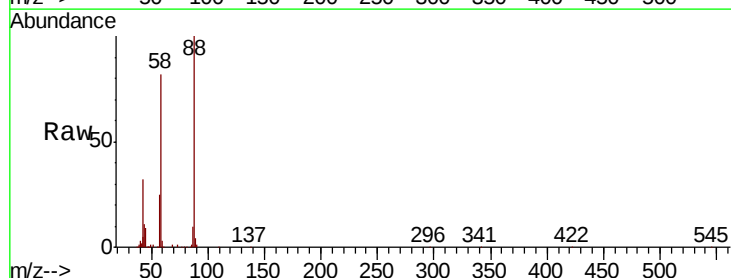
RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	88	Resp:	109252
Ion	Ratio	Lower	Upper
88	100		
58	78.0	63.0	94.4
43	32.6	24.8	37.2

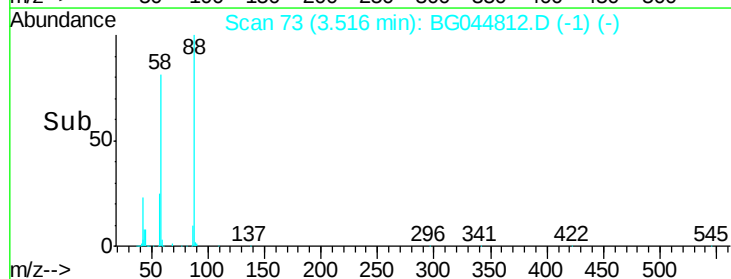
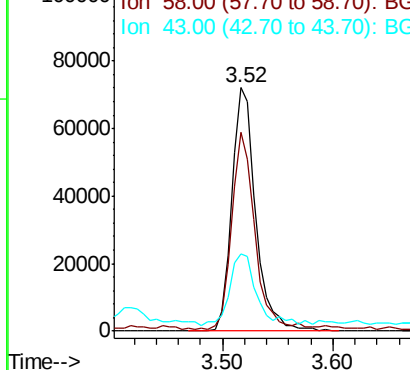


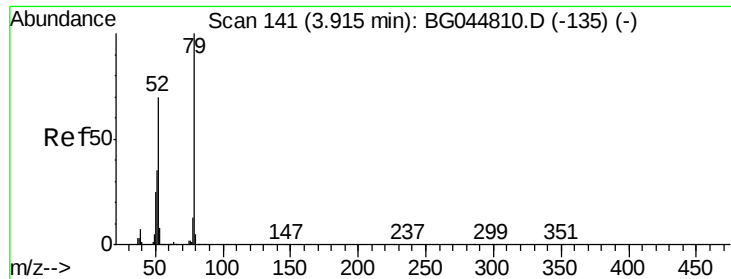
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.335 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

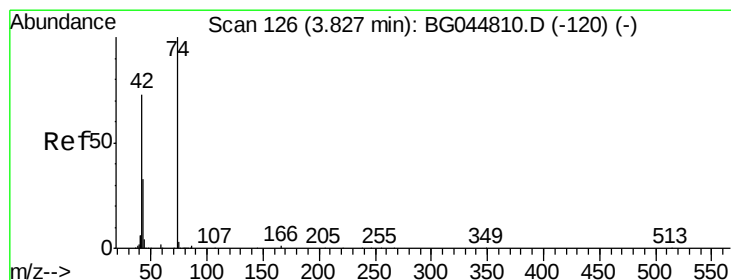
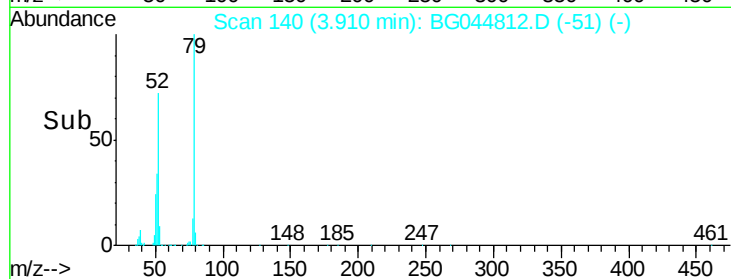
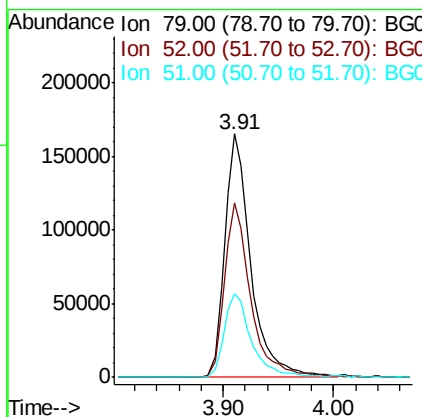
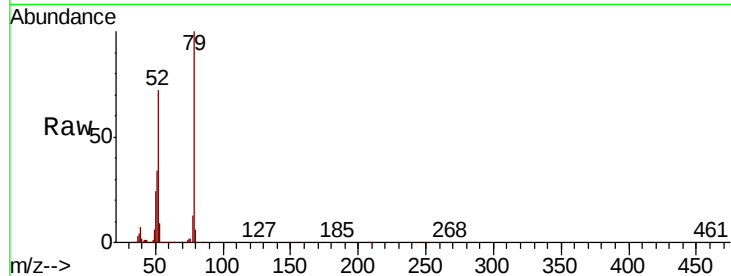
ClientSampleId :

PB127559BS

Tot Ion:	79	Resp:	274092
Ion Ratio	Lower	Upper	
79	100		
52	71.7	56.3	84.5
51	34.2	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 38.914 ng

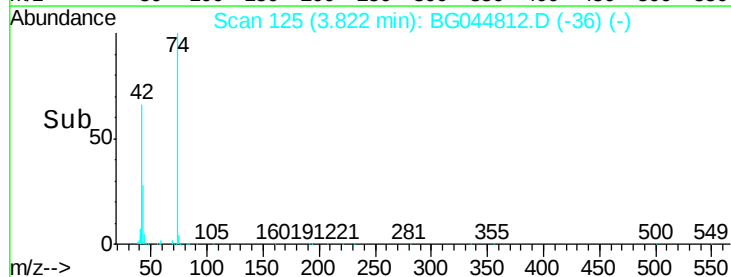
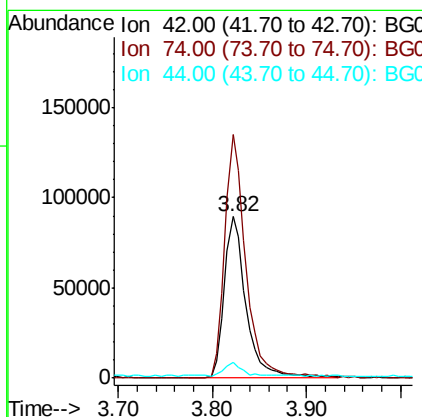
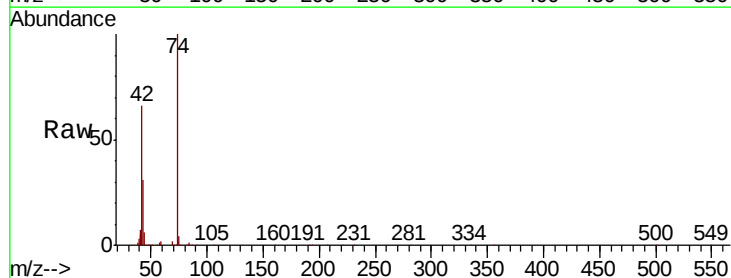
RT: 3.82 min Scan# 125

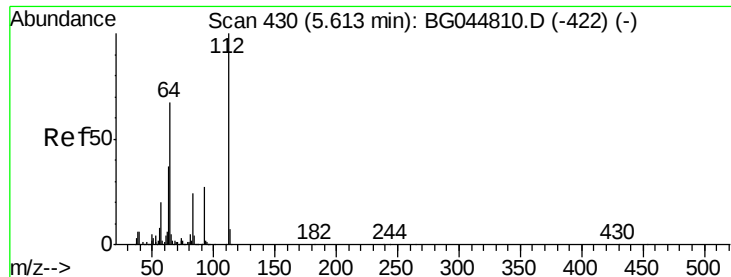
Delta R.T. -0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	42	Resp:	142826
Ion Ratio	Lower	Upper	
42	100		
74	150.9	109.1	163.7
44	9.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 122.138 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

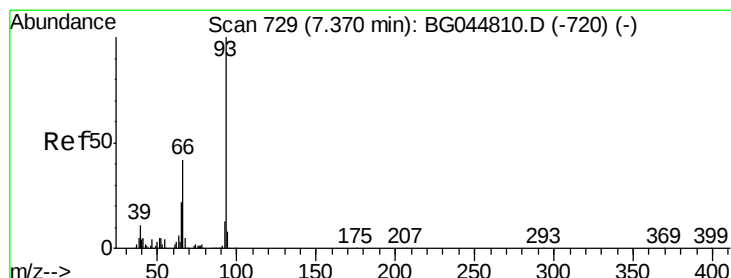
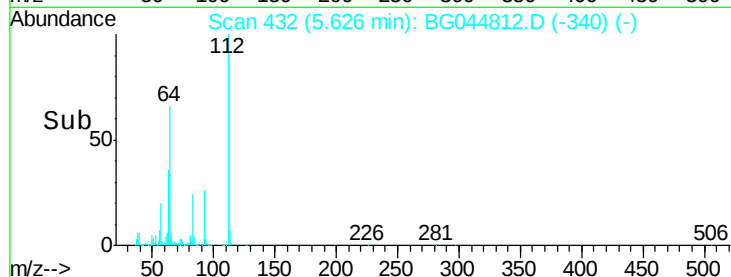
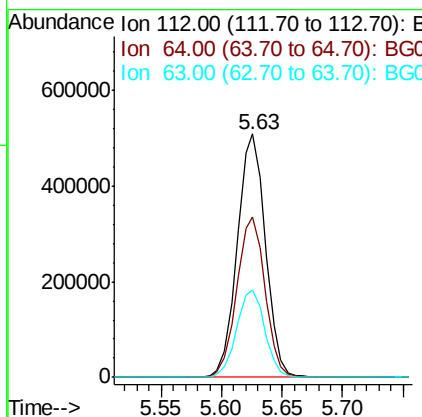
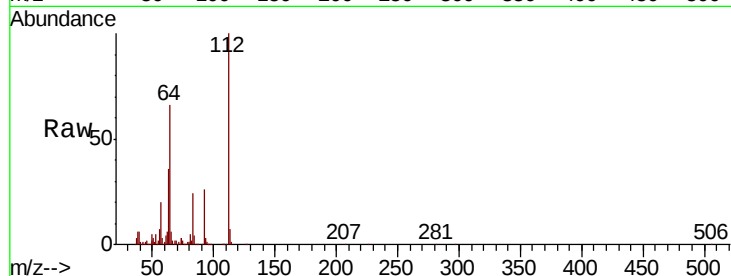
ClientSampleId :

PB127559BS

Tot Ion:	112	Resp:	828783
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.4	80.2
63	35.9	29.4	44.2

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#6

Aniline

Concen: 27.559 ng

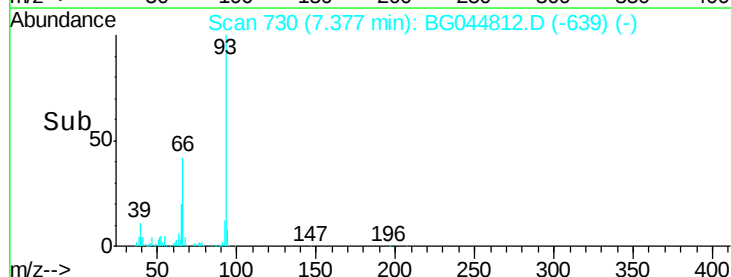
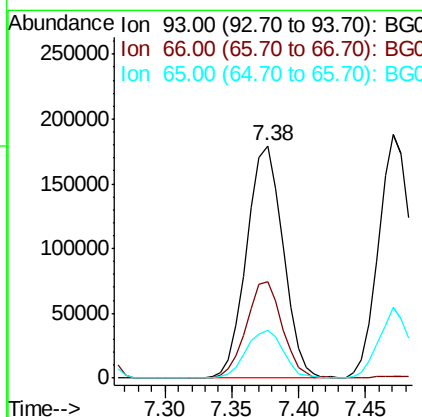
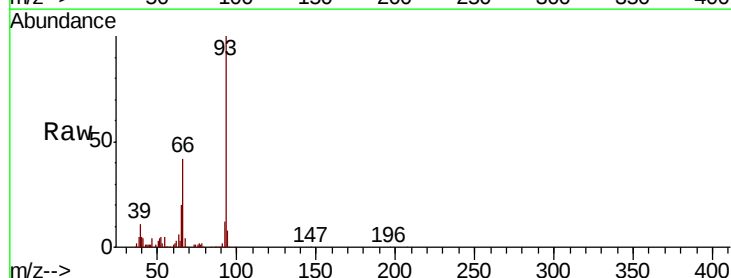
RT: 7.38 min Scan# 730

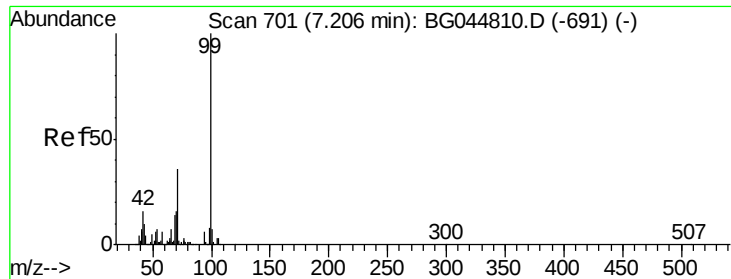
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	93	Resp:	338088
Ion Ratio	Lower	Upper	
93	100		
66	41.7	33.7	50.5
65	20.3	17.7	26.5





#7

Phenol-d6

Concen: 116.285 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion: 99 Resp: 1146452

Ion Ratio Lower Upper

99 100

42 17.9 12.6 19.0

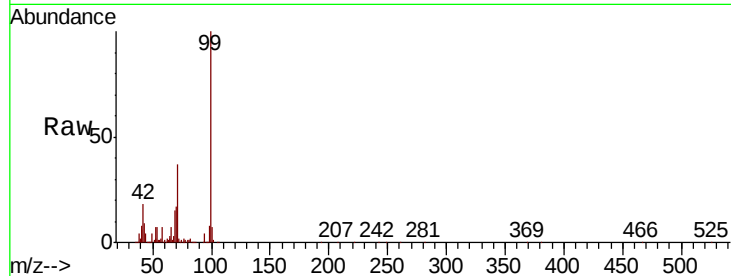
71 37.0 29.0 43.4

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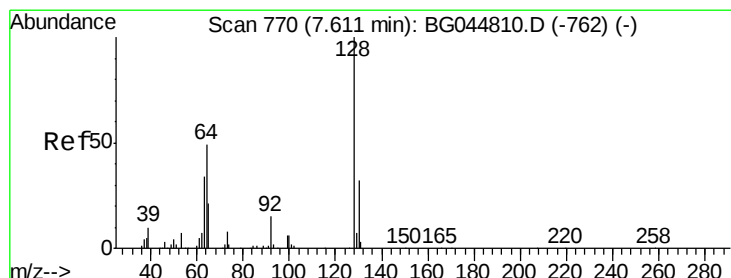
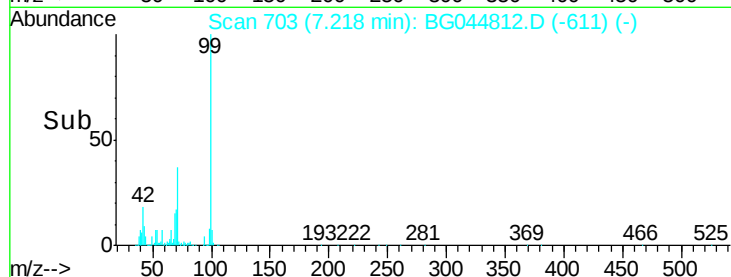
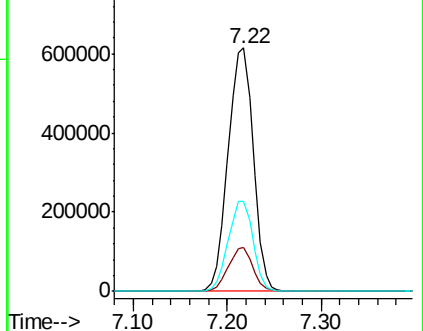
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.314 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

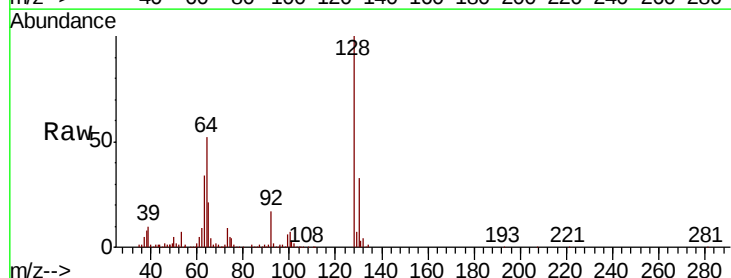
Tgt Ion: 128 Resp: 306949

Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

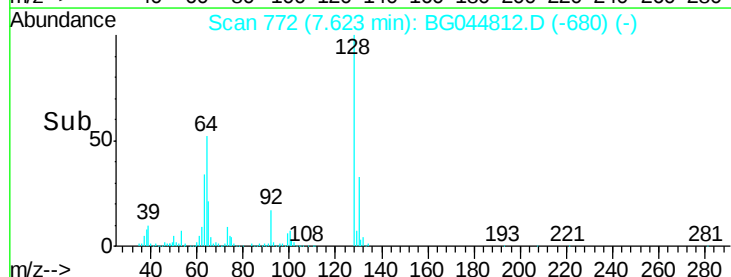
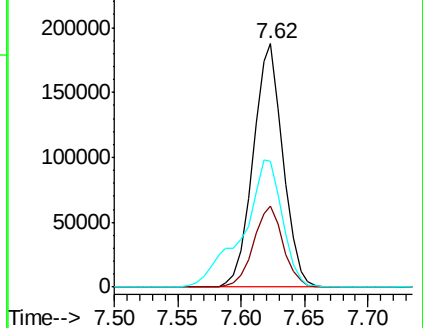
64 51.6 34.5 74.5

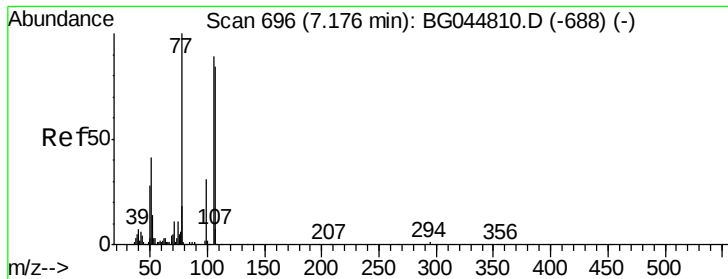


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

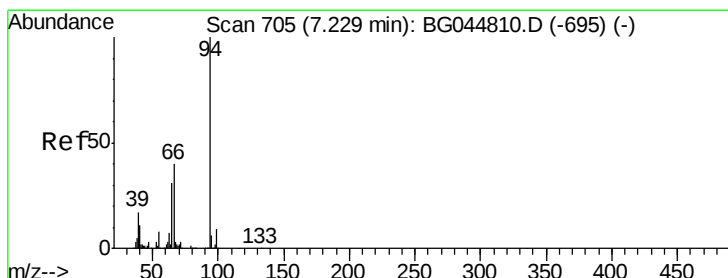
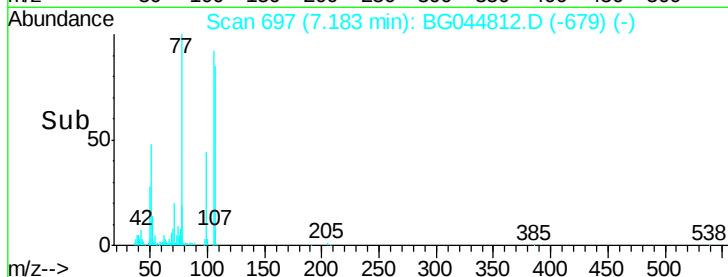
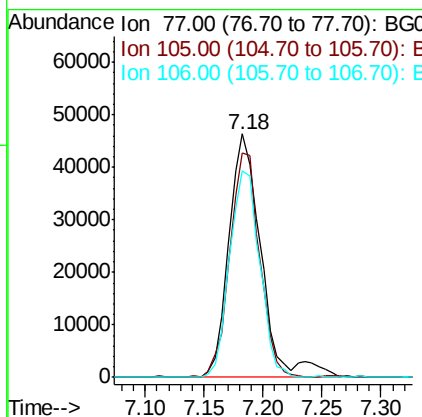
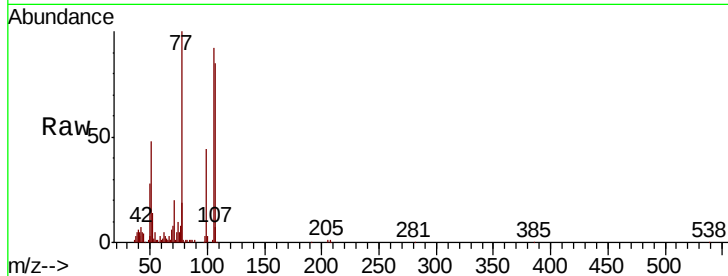
Concen: 11.017 ng/ml
 RT: 7.18 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.3	69.3	109.3
106	85.0	64.5	104.5

Manual Integrations
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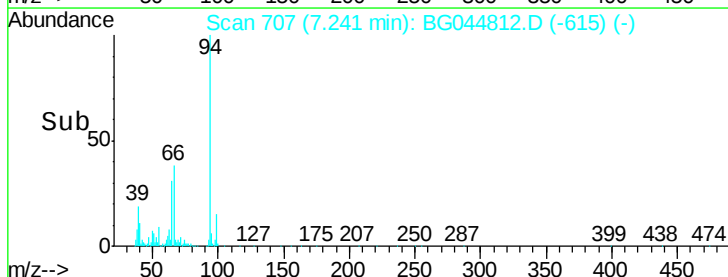
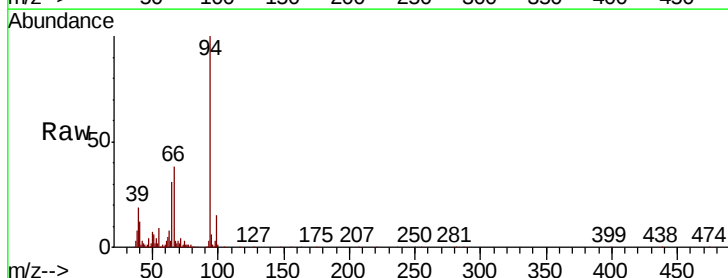
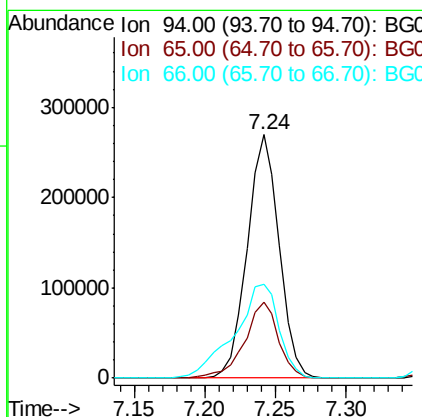


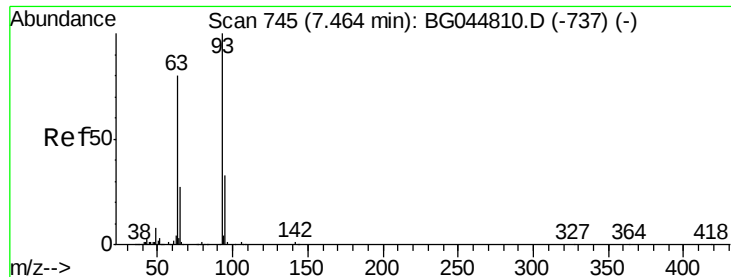
#10

Phenol

Concen: 43.630 ng/ml
 RT: 7.24 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.0	51.0
66	38.5	20.1	60.1





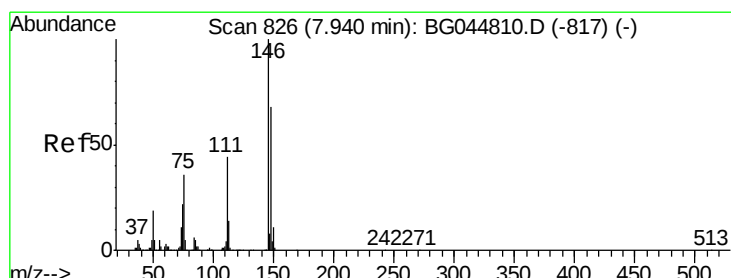
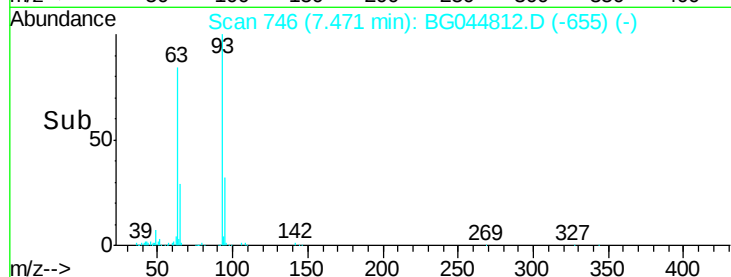
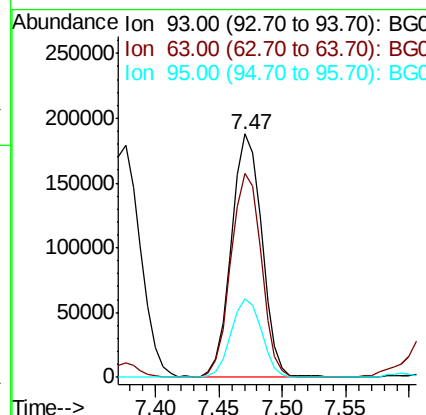
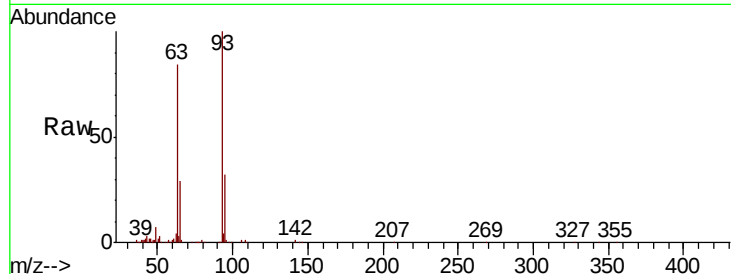
#11
bis(2-Chloroethyl)ether
Concen: 40.206 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		313202		
63	83.6	59.7	99.7		
95	32.5	13.1	53.1		

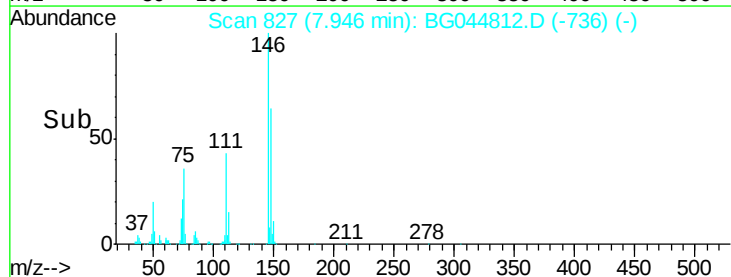
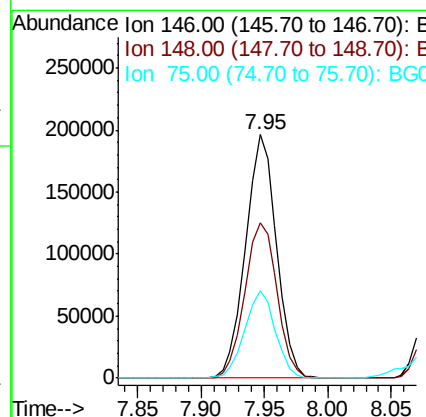
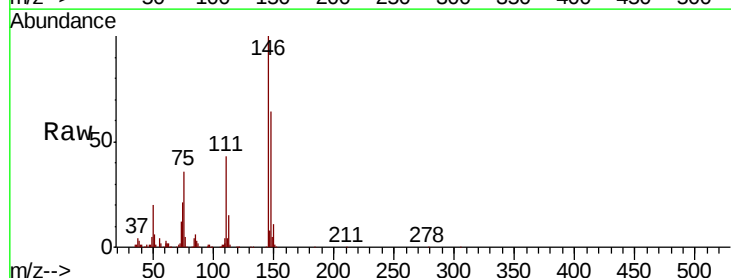
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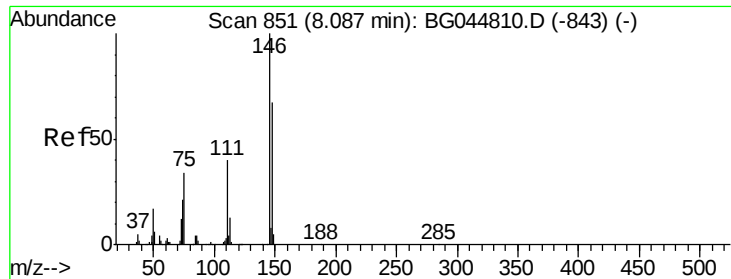
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.757 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		331744		
148	64.0	54.2	81.4		
75	35.7	28.6	42.8		





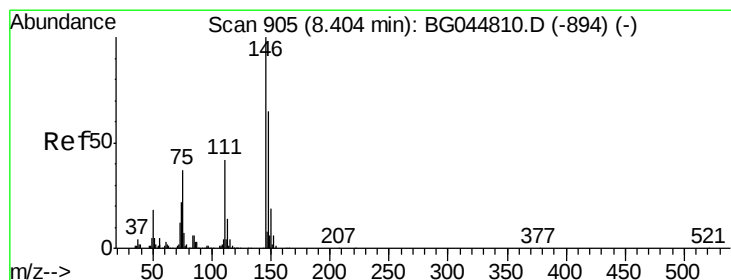
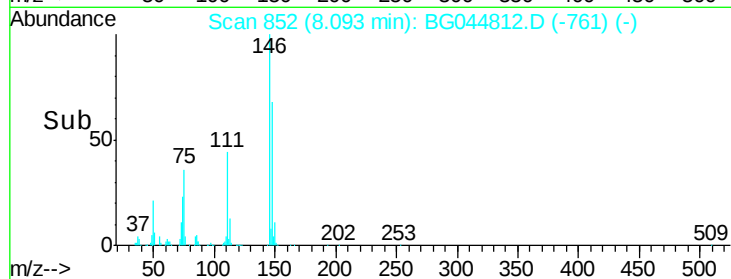
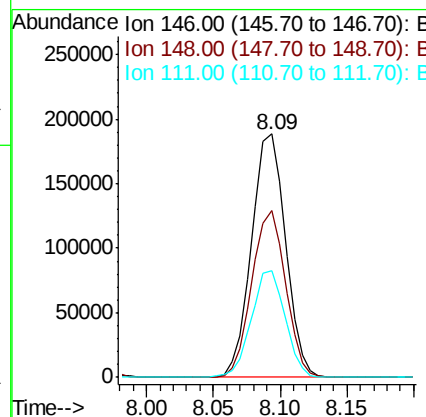
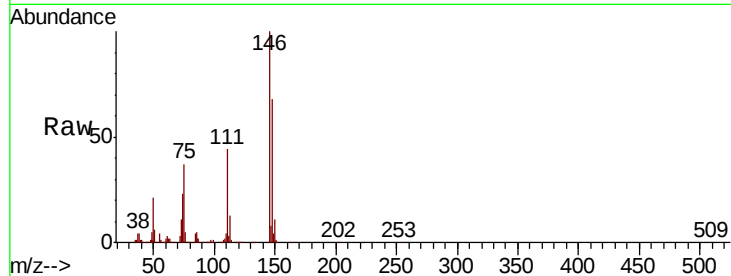
#13
 1,4-Dichlorobenzene
 Concen: 40.290 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	53.8	80.6
111	43.9	32.0	48.0

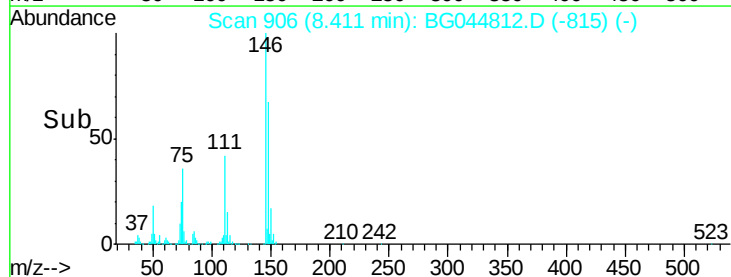
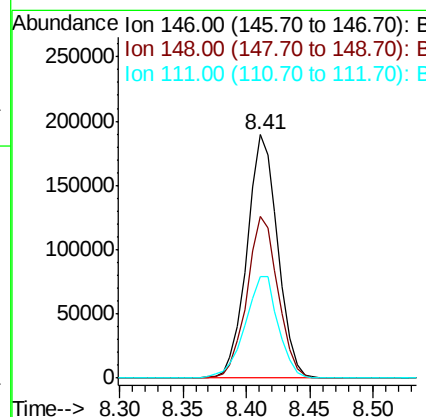
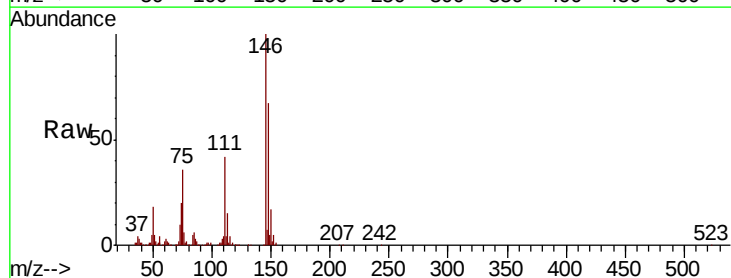
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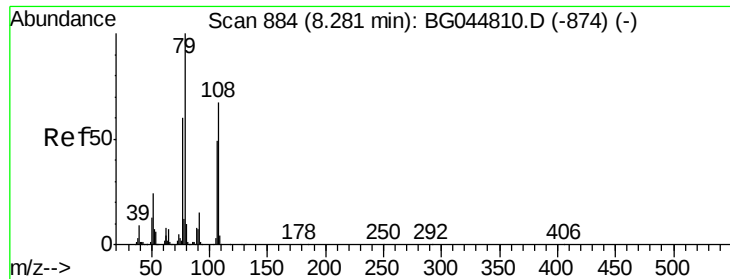
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.677 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.1	78.1
111	41.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 41.145 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

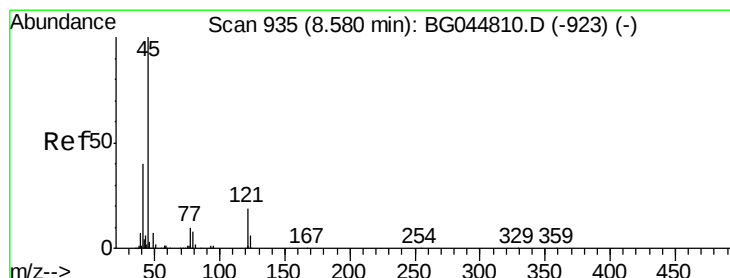
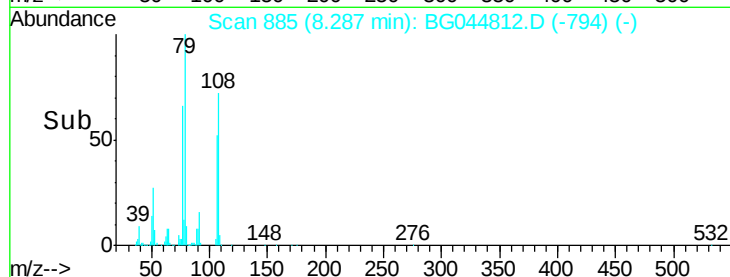
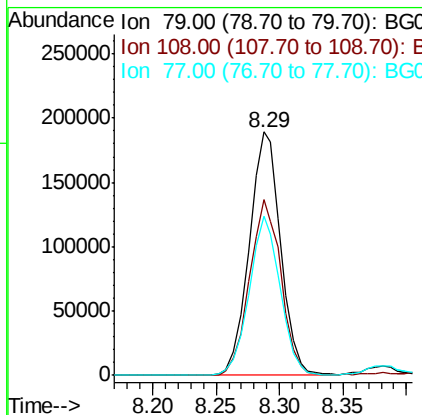
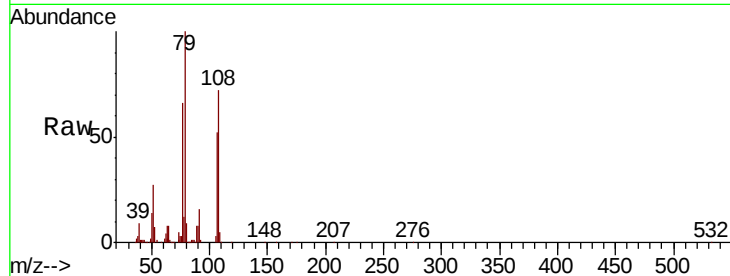
ClientSampleId :

PB127559BS

Tot Ion:	79	Resp:	325467
Ion	Ratio	Lower	Upper
79	100		
108	72.1	53.8	80.8
77	65.5	47.8	71.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.922 ng

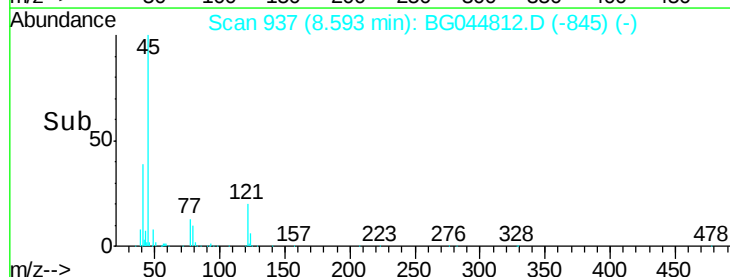
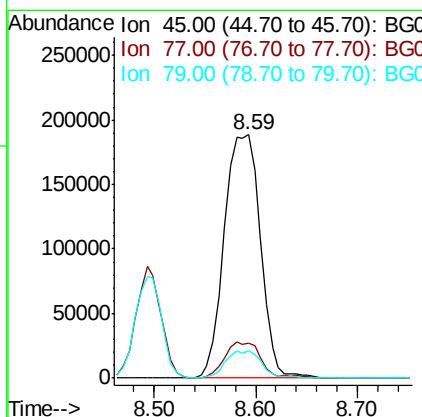
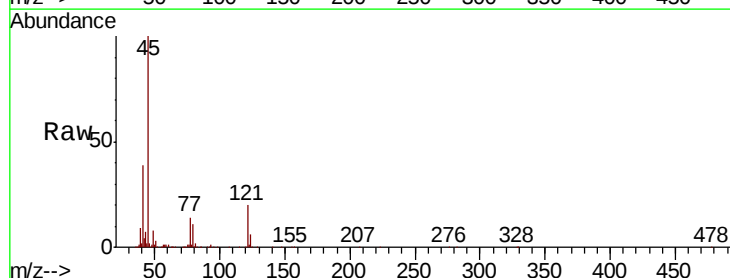
RT: 8.59 min Scan# 937

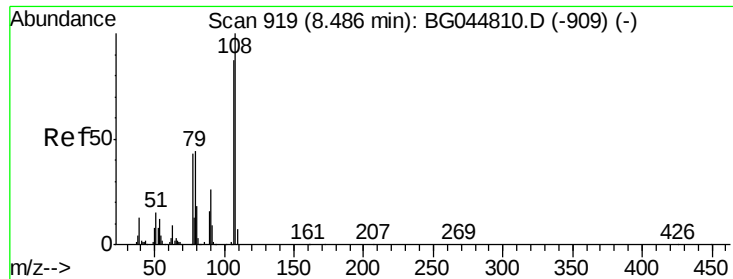
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	45	Resp:	466326
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.9
79	11.5	0.0	30.8





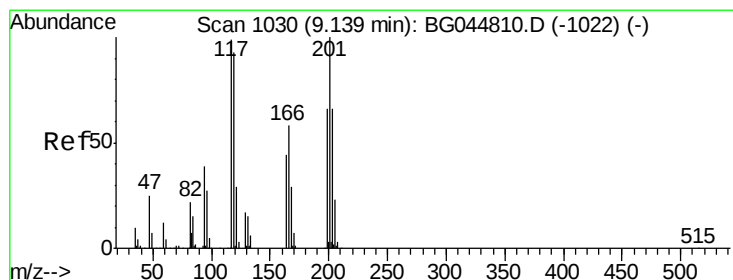
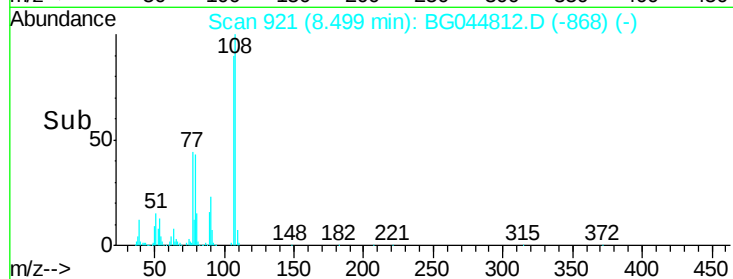
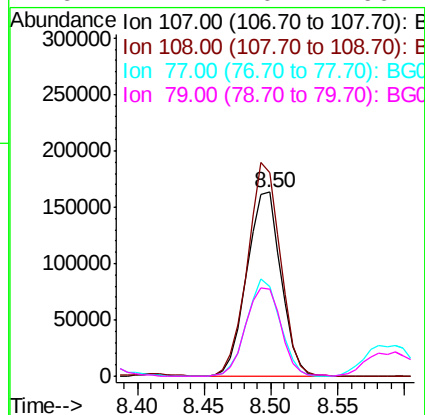
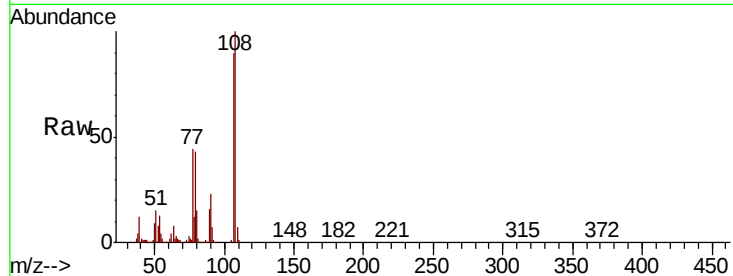
#17
2-Methylphenol
Concen: 43.665 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	91.8	137.8	
77	48.9	40.0	60.0	
79	47.4	40.2	60.2	

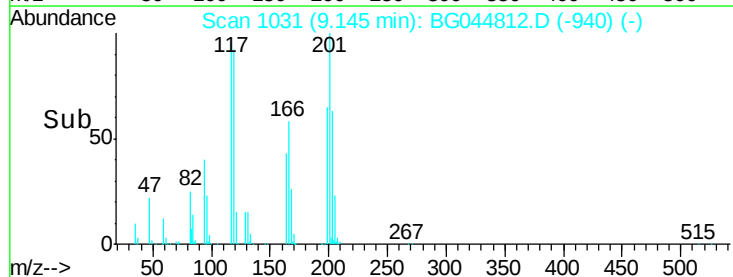
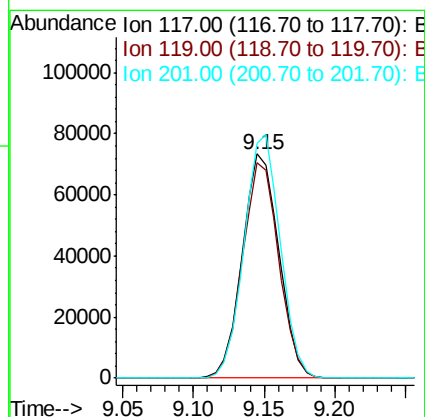
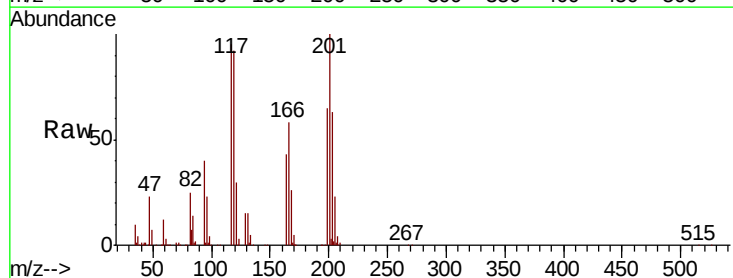
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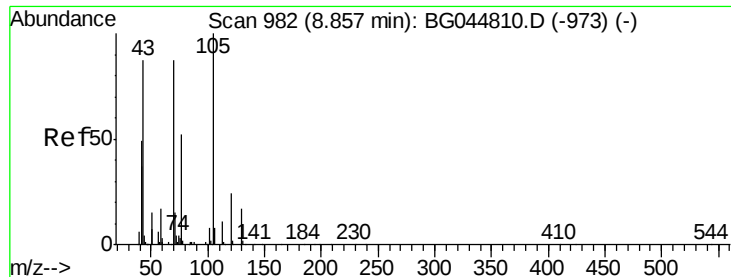
mohammad
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#18
Hexachloroethane
Concen: 41.085 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.2	112.8	
201	104.7	81.1	121.7	





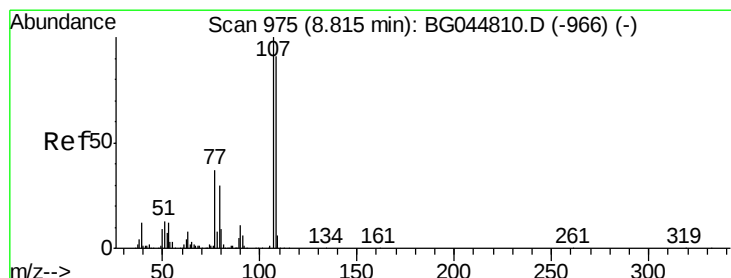
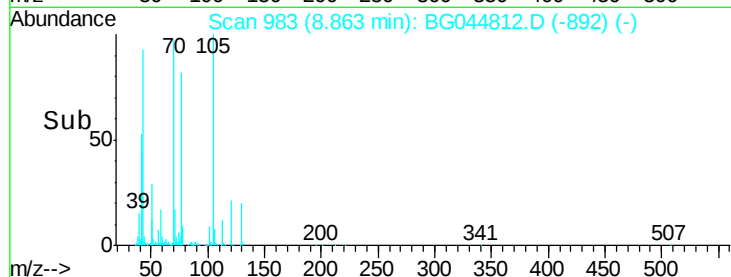
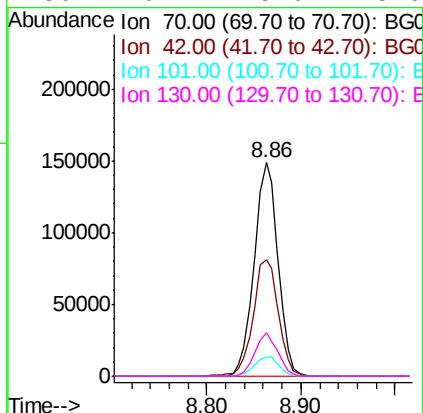
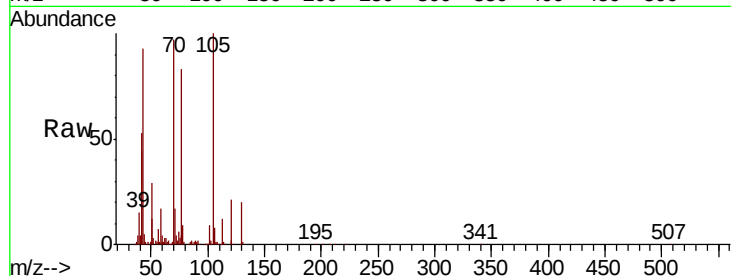
#19
n-Nitroso-di-n-propylamine
Concen: 37.304 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	45.7	68.5	
101	9.2	7.4	11.2	
130	20.2	15.9	23.9	

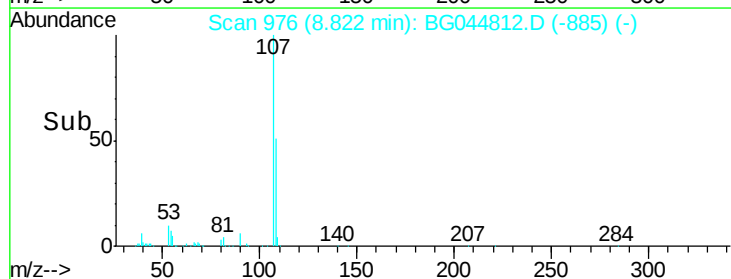
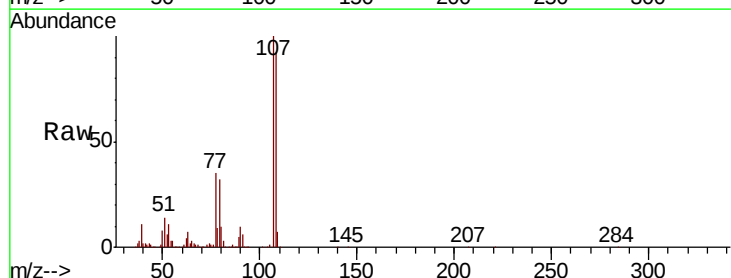
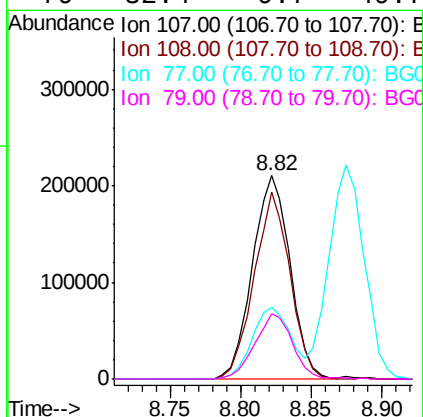
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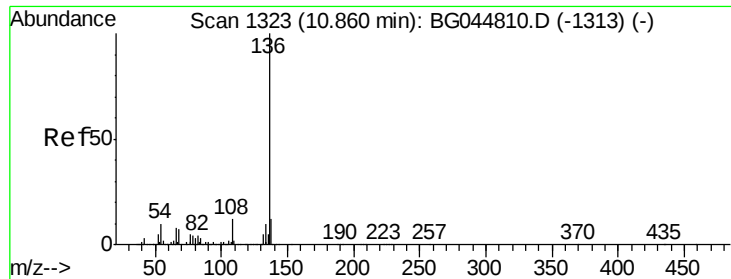
mohammad
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#20
3+4-Methylphenols
Concen: 43.157 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	71.3	111.3	
77	35.0	16.9	56.9	
79	32.4	9.7	49.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

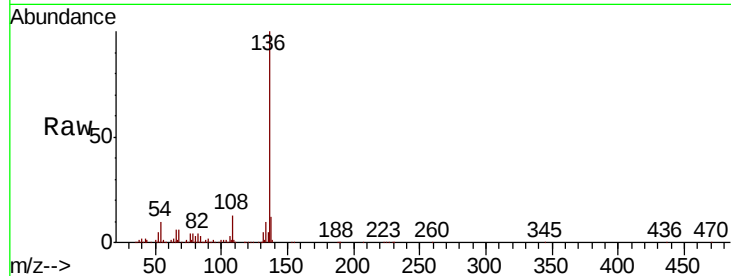
ClientSampleId :

PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	403693		
137	11.5		9.8	14.6
54	9.6		7.9	11.9
68	6.4		5.4	8.0

Manual Integrations
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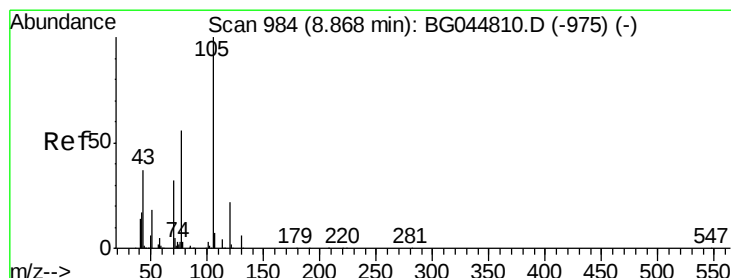
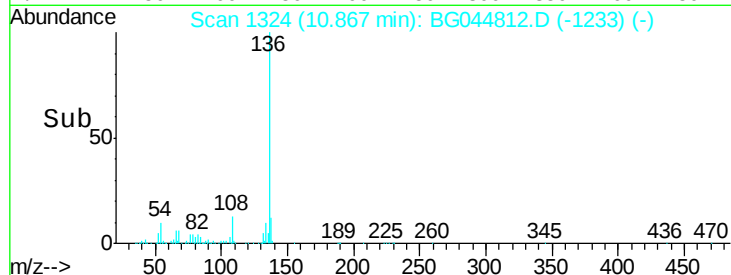
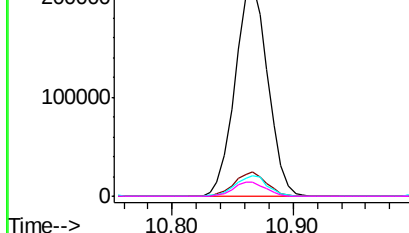


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.509 ng

RT: 8.87 min Scan# 985

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

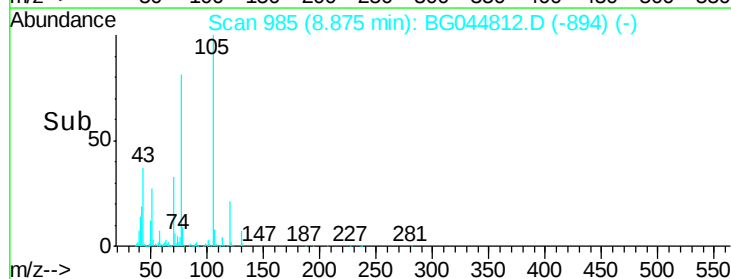
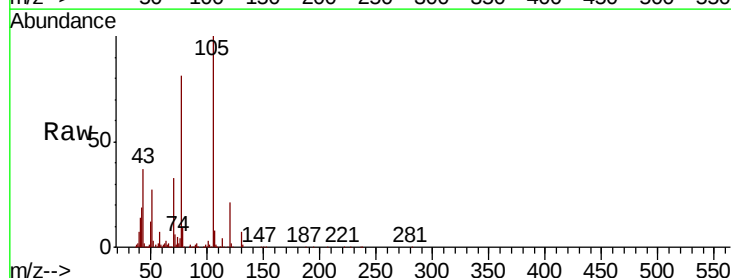
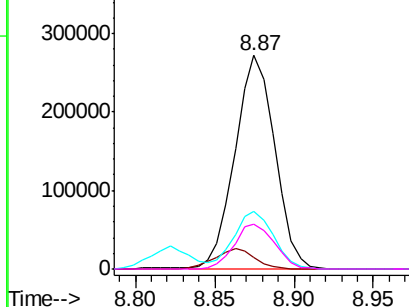
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474717		
71	5.5		3.9	5.9
51	27.0		22.6	33.8
120	20.8		17.3	25.9

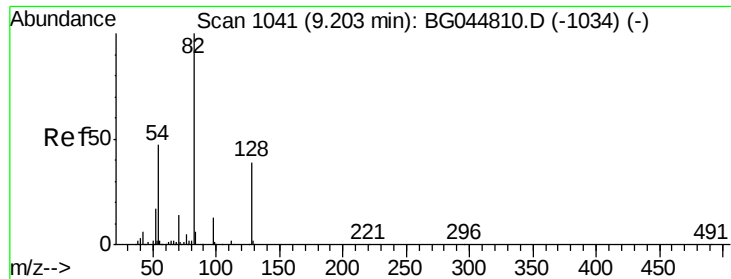
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





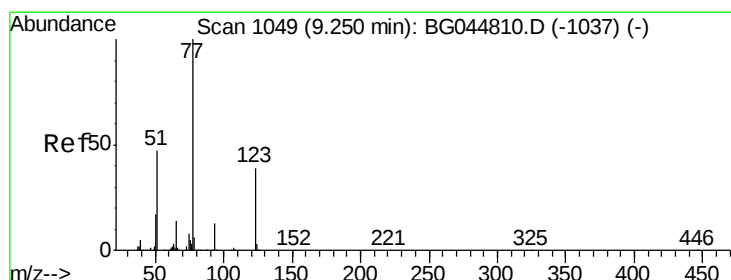
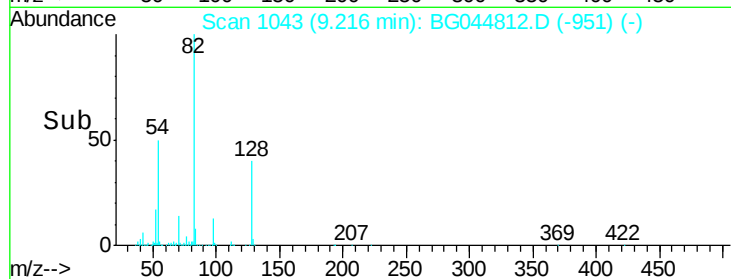
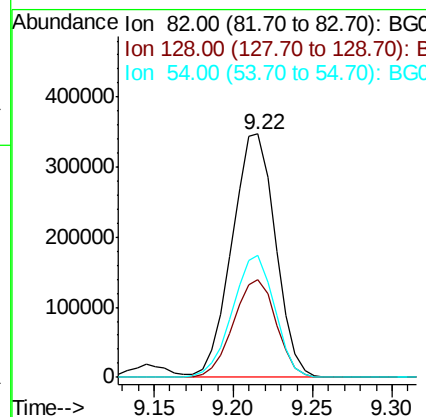
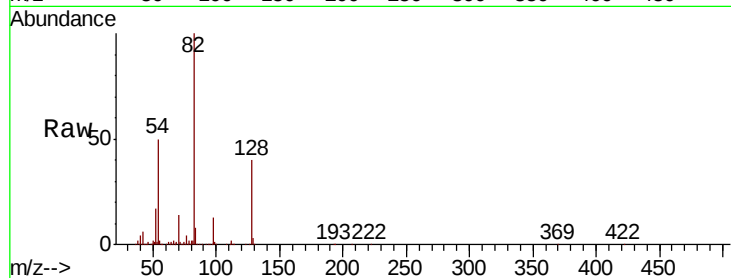
#23
Nitrobenzene-d5
Concen: 71.637 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	49.9	37.1	55.7

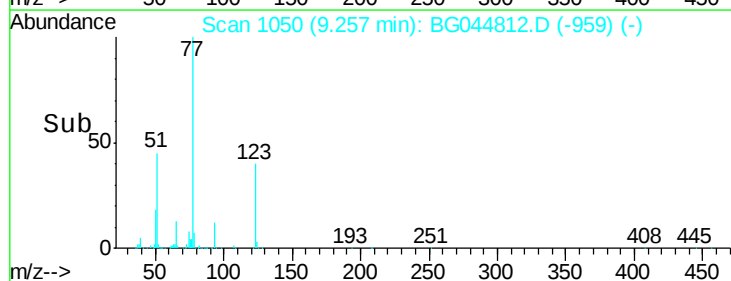
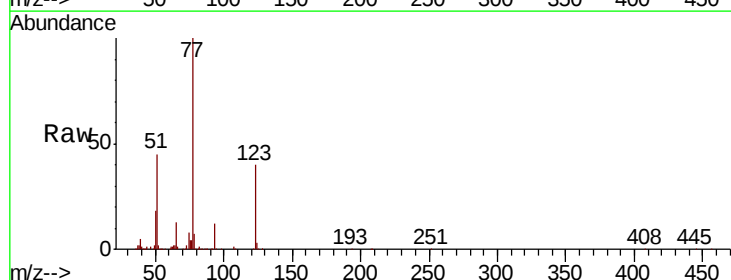
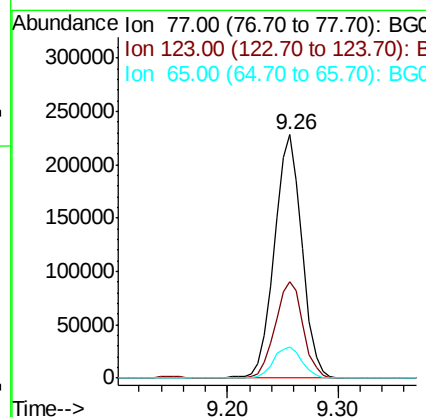
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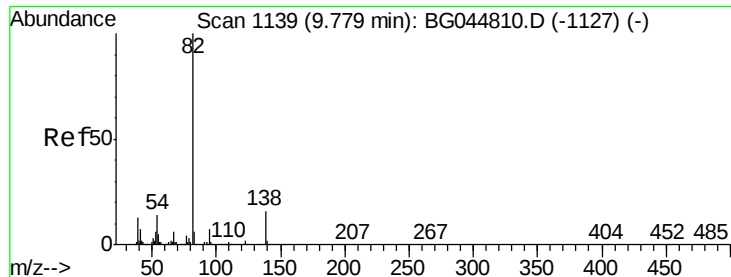
mohammad
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#24
Nitrobenzene
Concen: 41.455 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.3	46.9
65	12.9	11.4	17.0





#25

Isophorone

Concen: 40.803 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

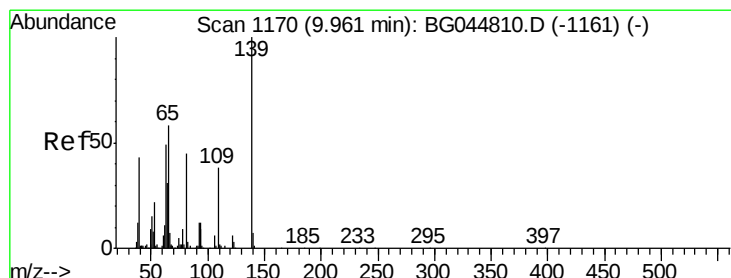
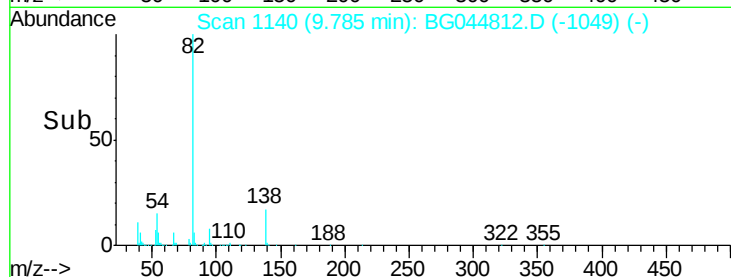
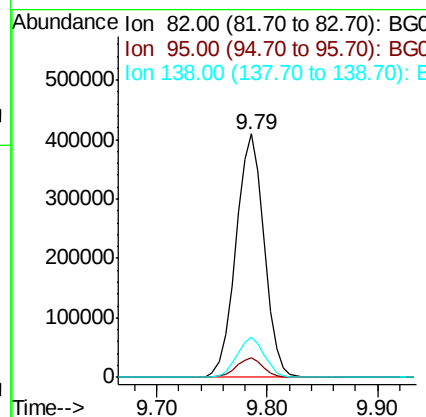
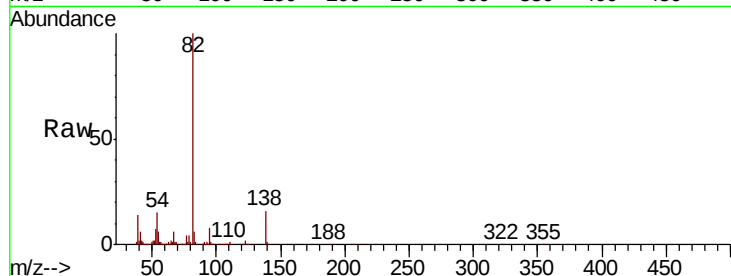
ClientSampled :

PB127559BS

Tot Ion:	82	Resp:	732614
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.5	8.3
138	16.4	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.936 ng

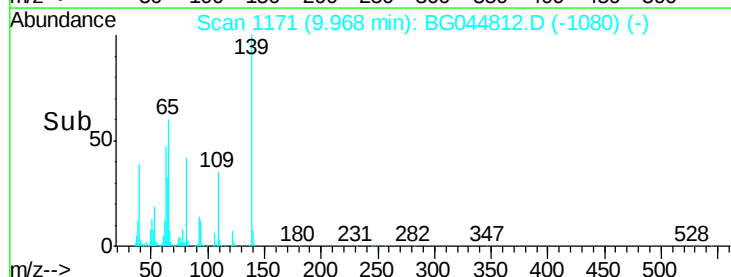
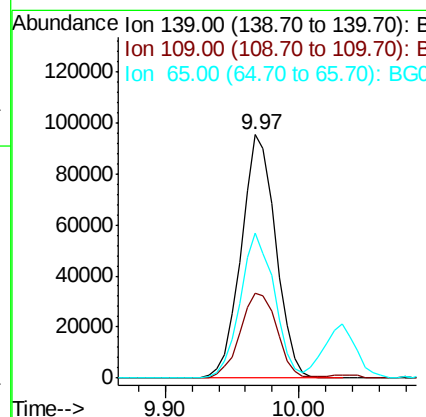
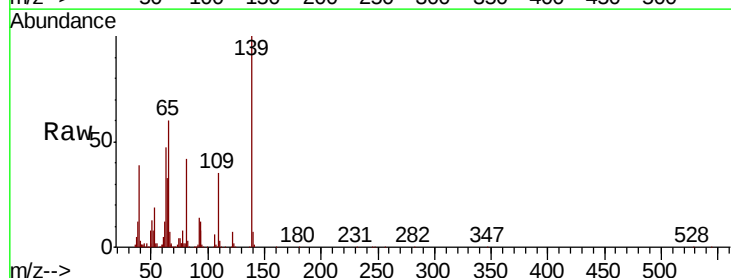
RT: 9.97 min Scan# 1171

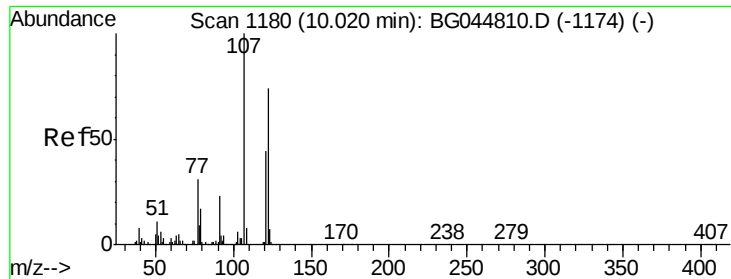
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	139	Resp:	170062
Ion Ratio	Lower	Upper	
139	100		
109	34.8	30.2	45.4
65	59.8	46.3	69.5





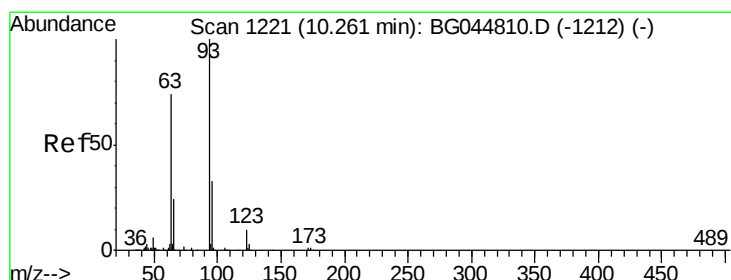
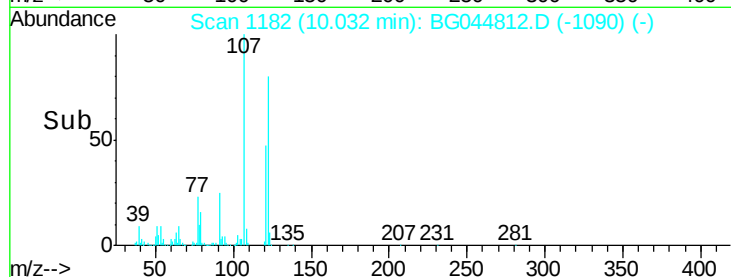
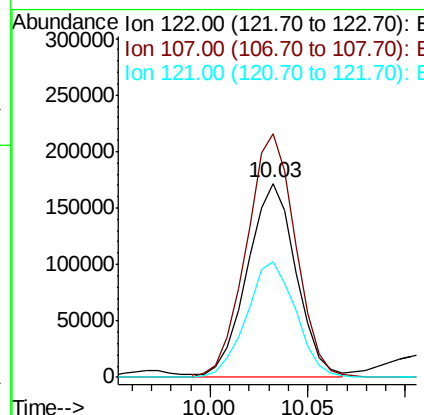
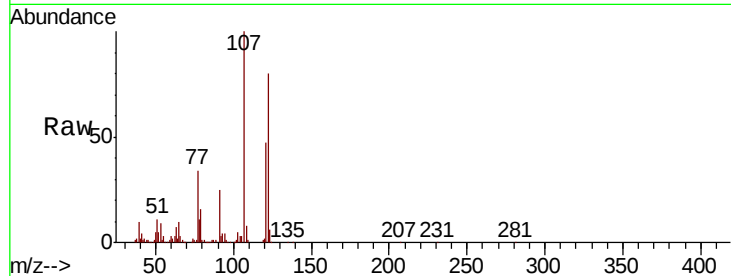
#27
2,4-Dimethylphenol
Concen: 50.507 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampled :
PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	295317		
107	125.5	107.1	160.7	
121	59.4	46.8	70.2	

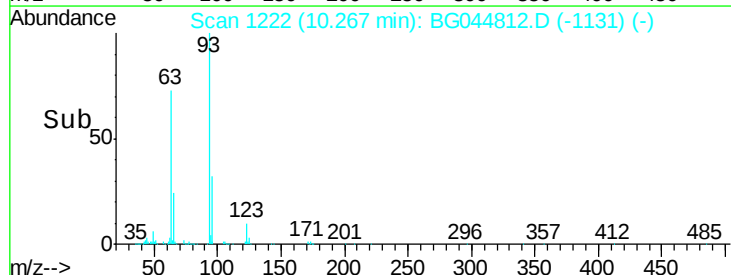
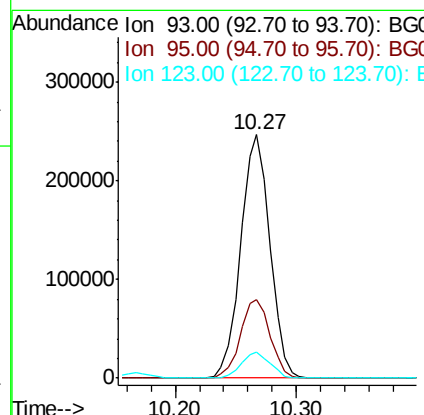
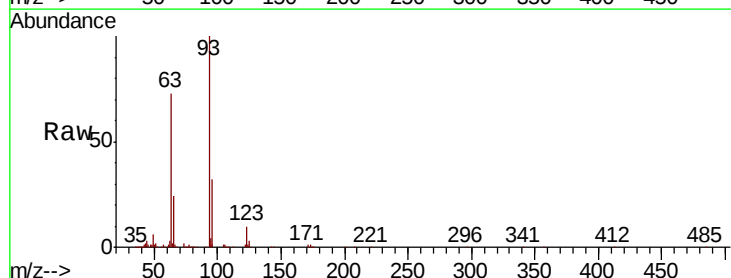
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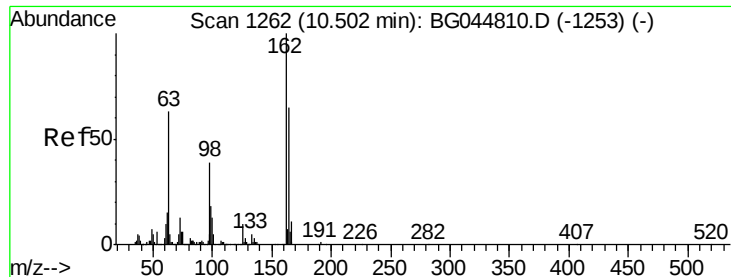
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.856 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416348		
95	32.3	26.4	39.6	
123	10.5	8.4	12.6	





#29

2,4-Dichlorophenol

Concen: 45.269 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

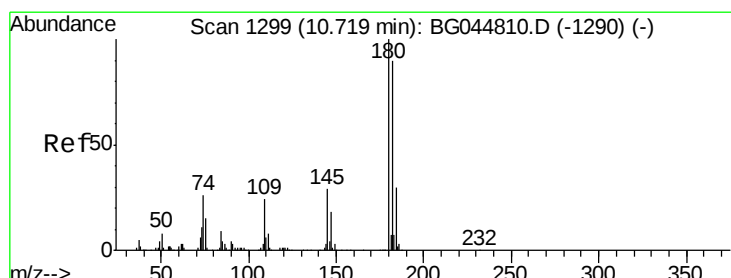
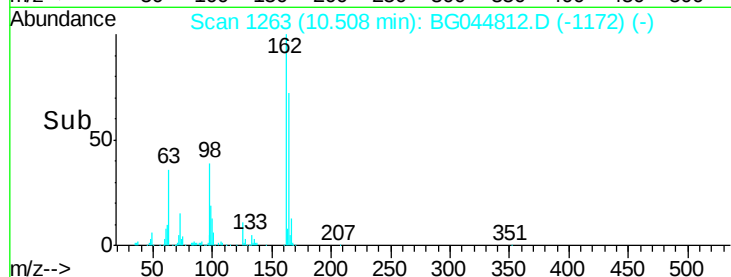
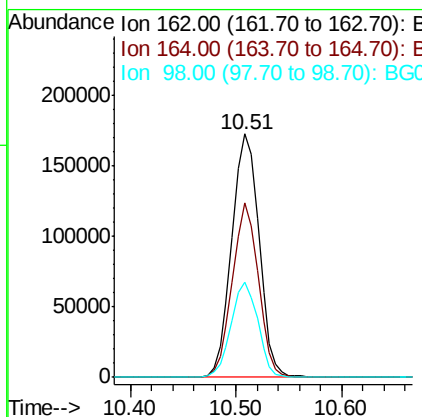
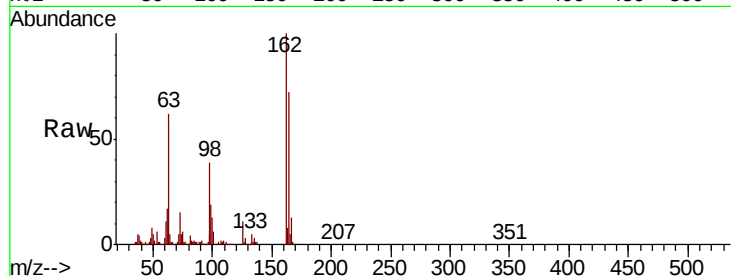
ClientSampleId :

PB127559BS

Tot Ion:	162	Resp:	309161
Ion Ratio	Lower	Upper	
162	100		
164	71.5	45.2	85.2
98	38.9	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 40.804 ng

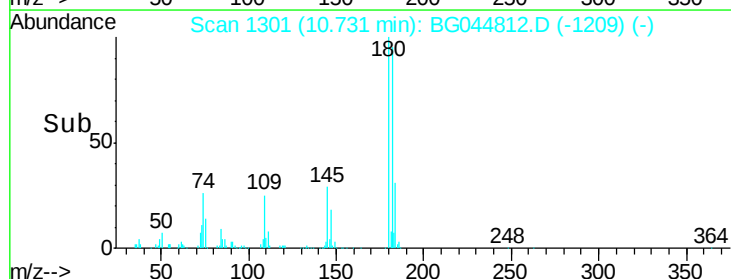
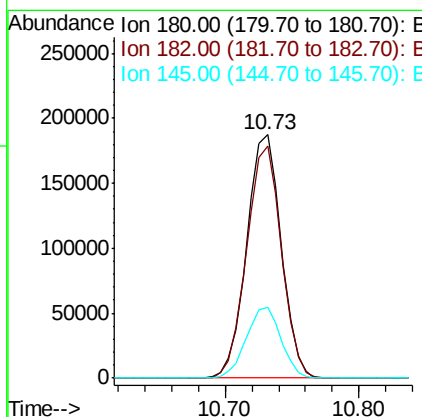
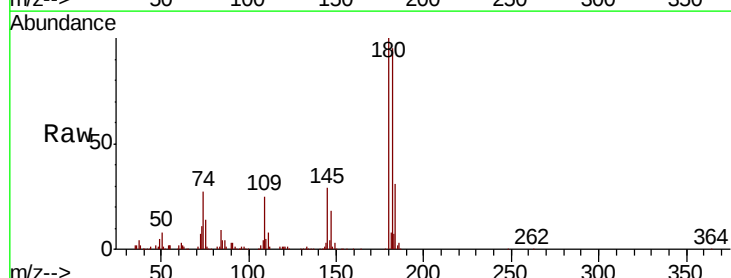
RT: 10.73 min Scan# 1301

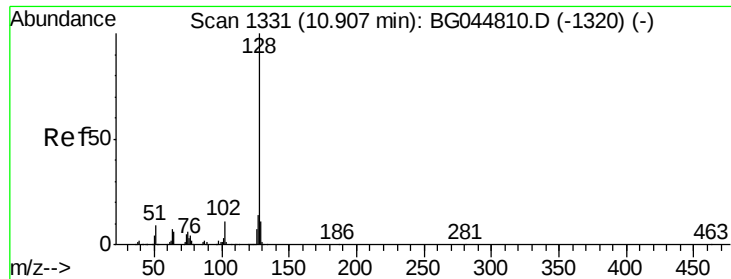
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	180	Resp:	333213
Ion Ratio	Lower	Upper	
180	100		
182	95.4	71.6	107.4
145	29.3	23.4	35.0





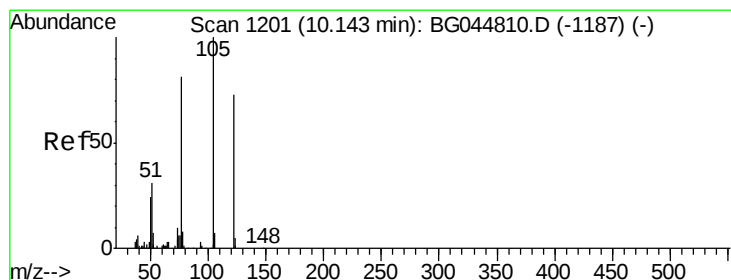
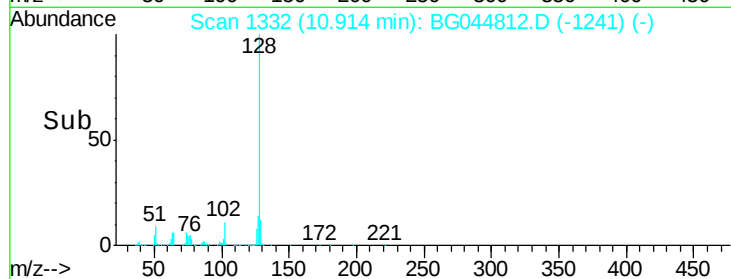
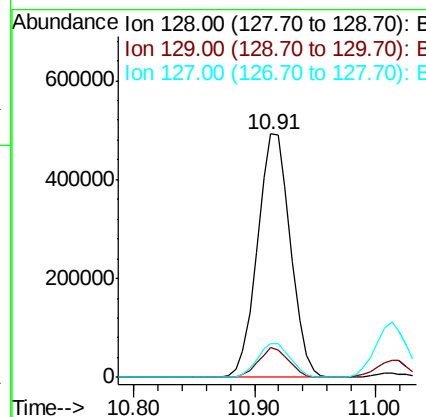
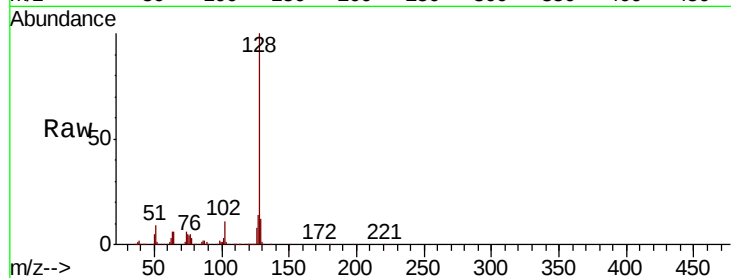
#31
Naphthalene
Concen: 41.619 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.1	9.0	13.4	
127	14.0	10.8	16.2	

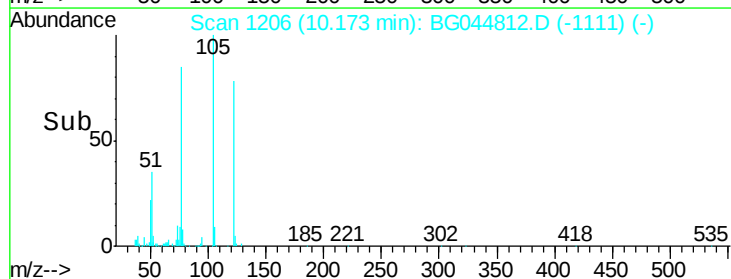
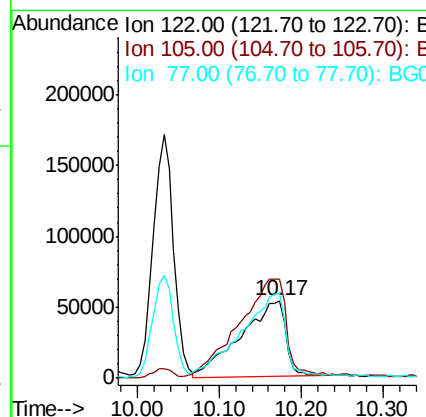
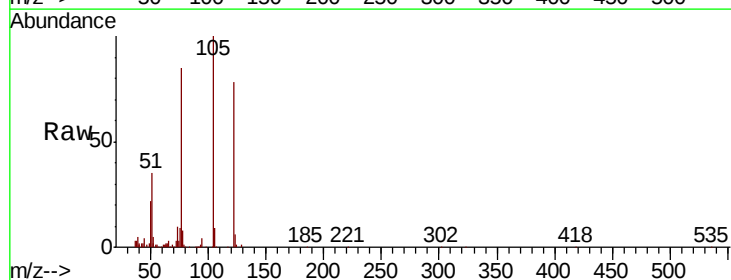
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#32
Benzoic acid
Concen: 45.683 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.4	109.1	149.1	
77	109.6	85.3	125.3	





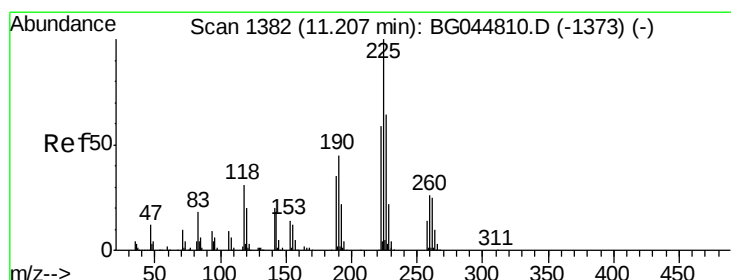
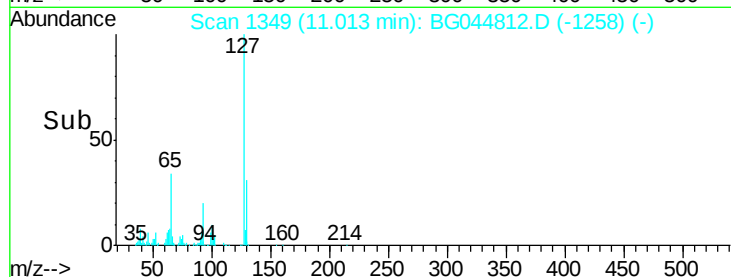
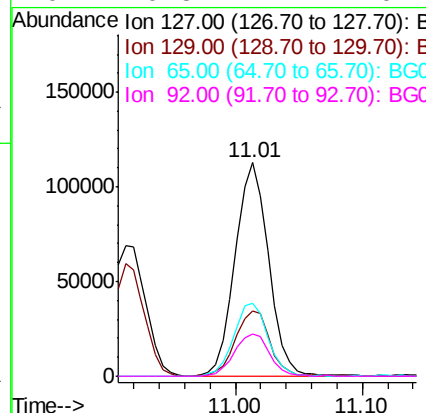
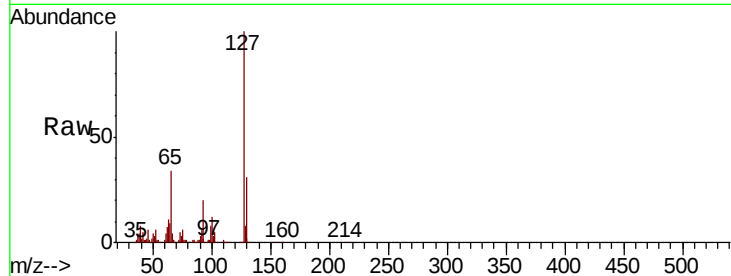
#33
4-Chloroaniline
Concen: 20.339 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampled :
PB127559BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.9	40.3
65	34.4	27.7	41.5
92	19.8	17.4	26.2

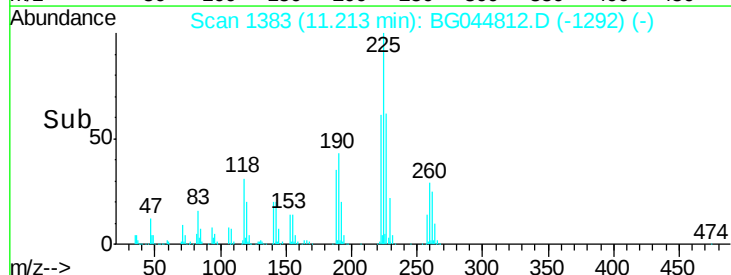
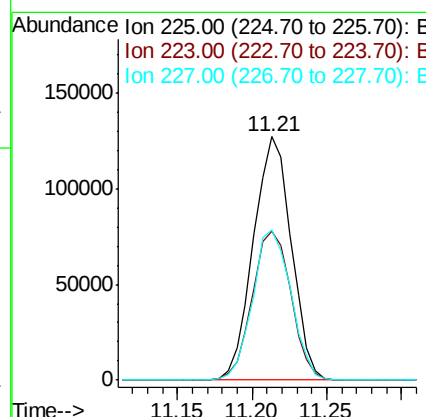
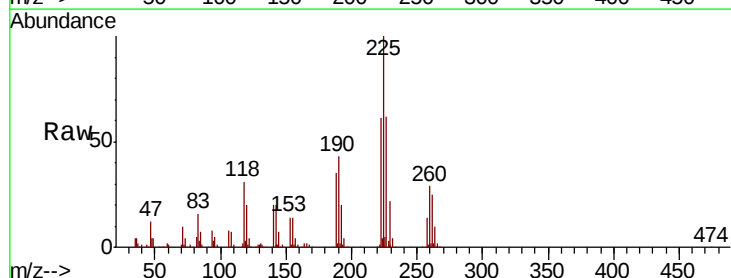
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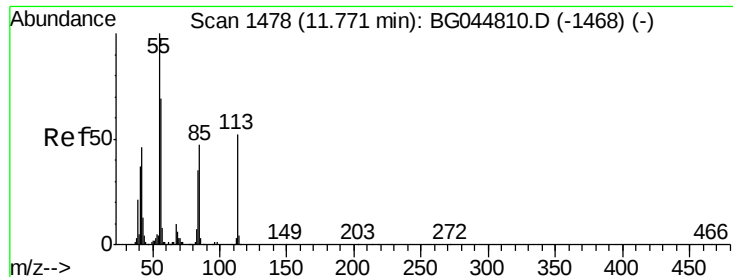
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#34
Hexachlorobutadiene
Concen: 41.507 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	47.4	71.0
227	61.5	50.8	76.2





#35

Caprolactam

Concen: 49.137 ng/ml

RT: 11.78 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

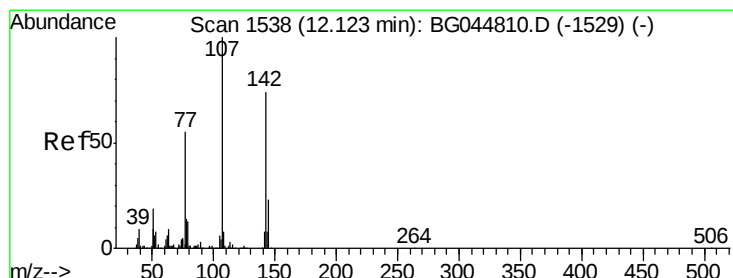
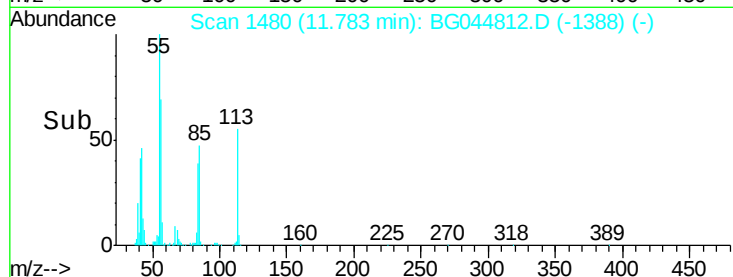
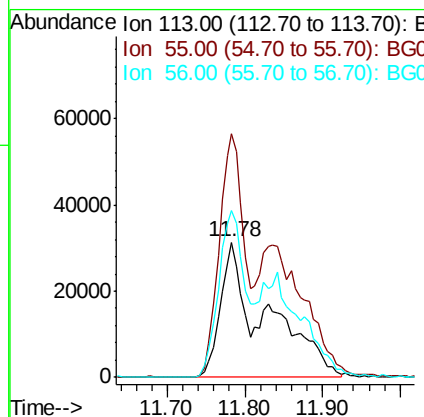
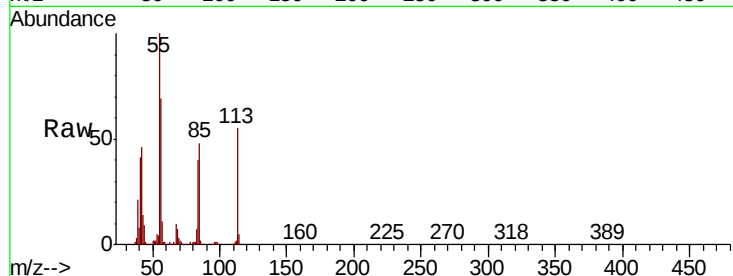
ClientSampleId :

PB127559BS

Tot Ion:	113	Resp:	127057
Ion Ratio	Lower	Upper	
113	100		
55	180.2	173.8	213.8
56	123.6	113.8	153.8

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#36

4-Chloro-3-methylphenol

Concen: 44.245 ng/ml

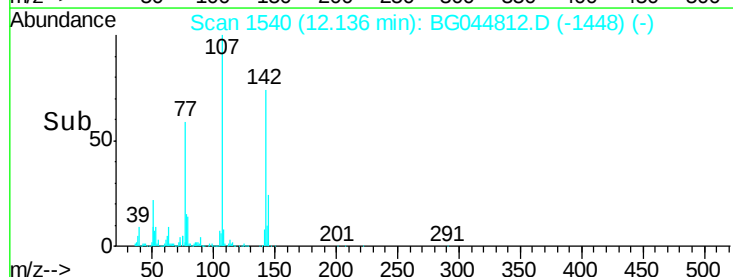
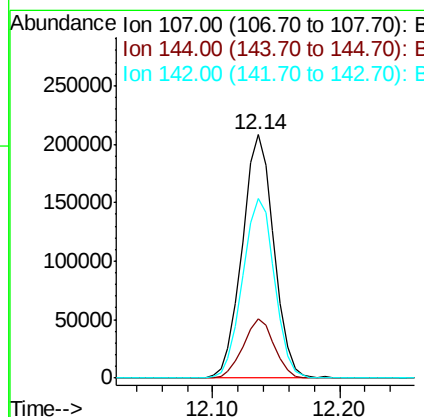
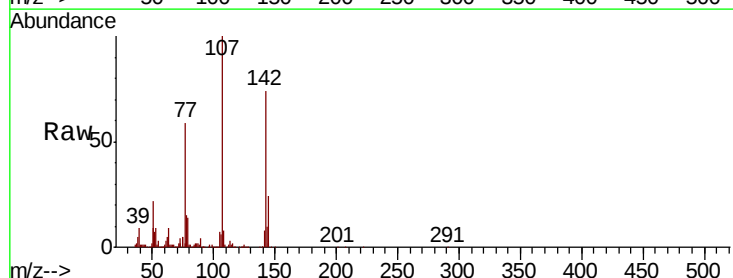
RT: 12.14 min Scan# 1540

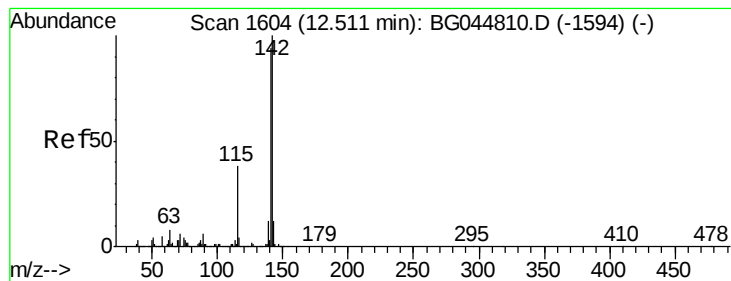
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	107	Resp:	360385
Ion Ratio	Lower	Upper	
107	100		
144	24.3	18.0	27.0
142	74.0	59.0	88.4





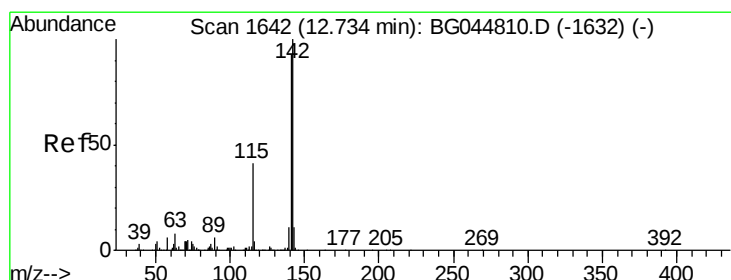
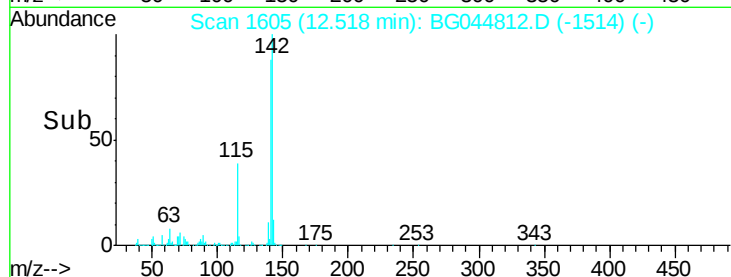
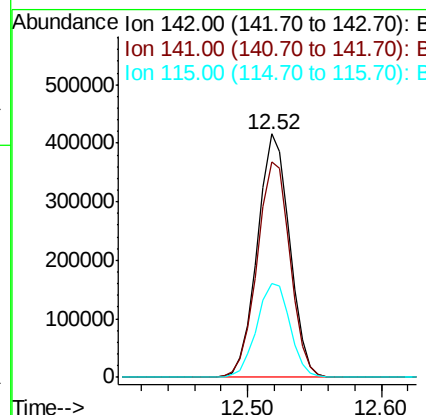
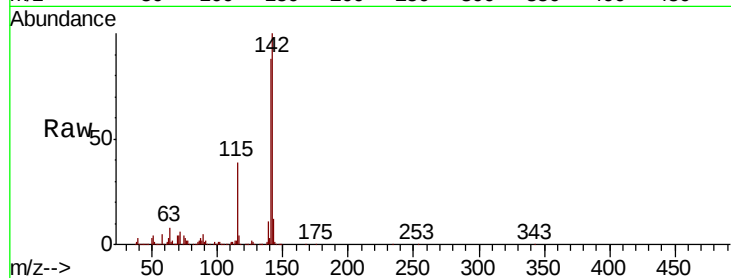
#37
2-Methylnaphthalene
Concen: 41.345 ng
RT: 12.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	75.1	112.7
115	38.6	30.6	46.0

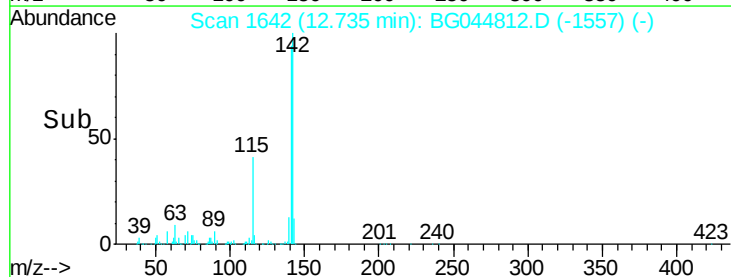
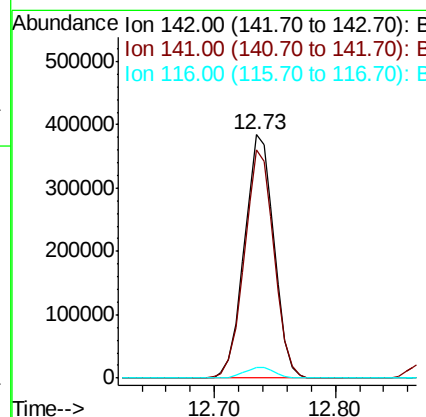
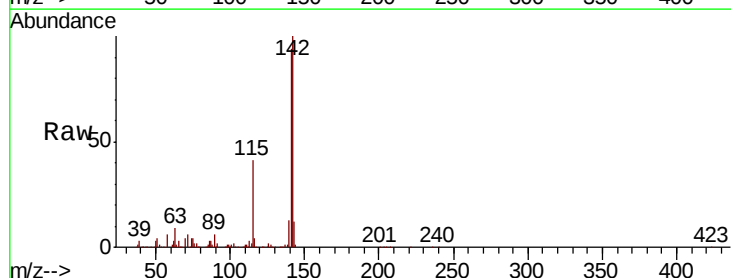
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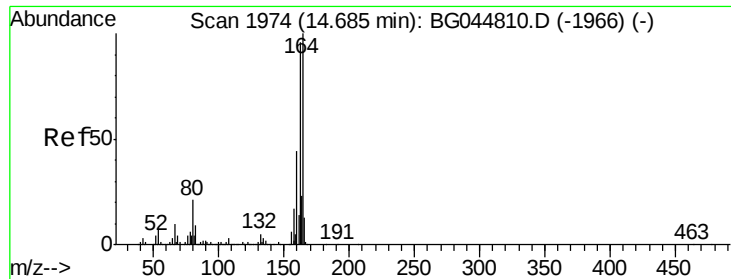
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#38
1-Methylnaphthalene
Concen: 41.631 ng
RT: 12.73 min Scan# 1642
Delta R.T. 0.00 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.7	112.1
116	4.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

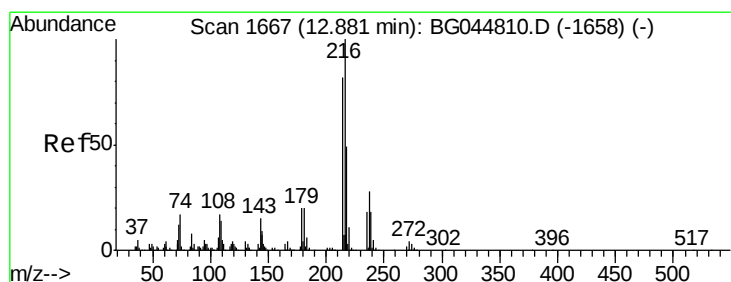
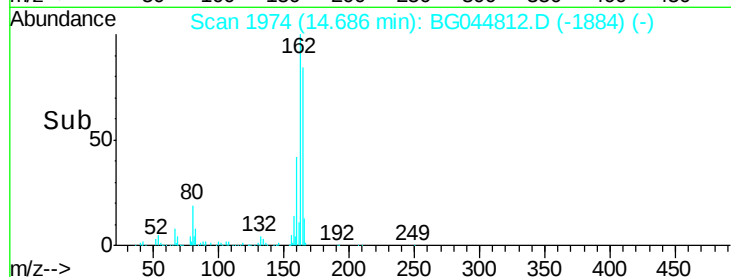
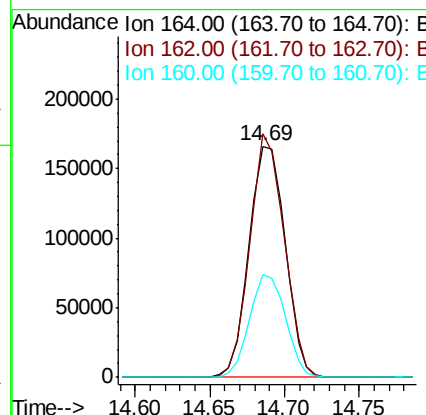
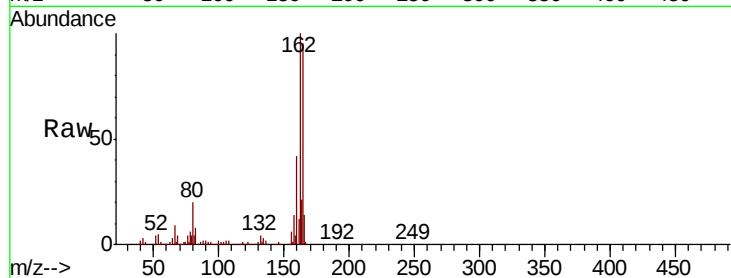
ClientSampleId :

PB127559BS

Tot Ion:	164	Resp:	278827
Ion Ratio	Lower	Upper	
164	100		
162	105.4	76.7	115.1
160	44.5	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.647 ng

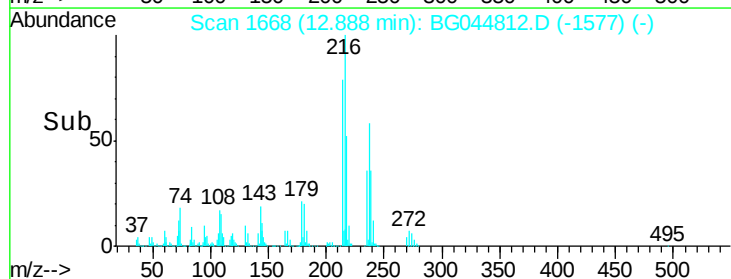
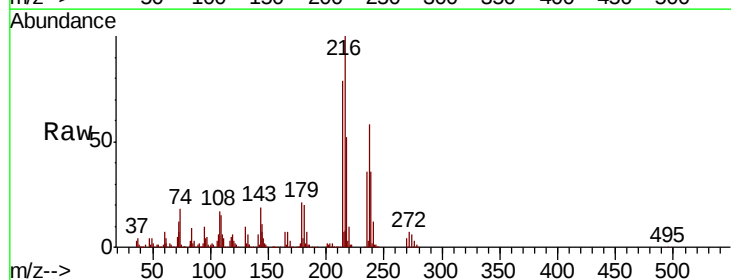
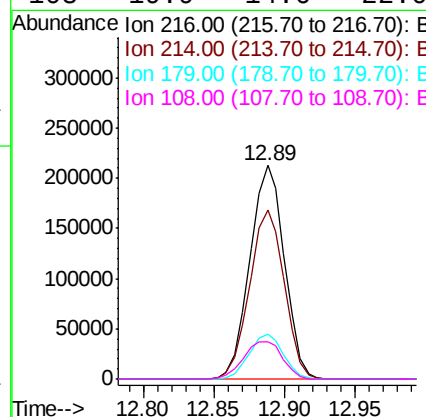
RT: 12.89 min Scan# 1668

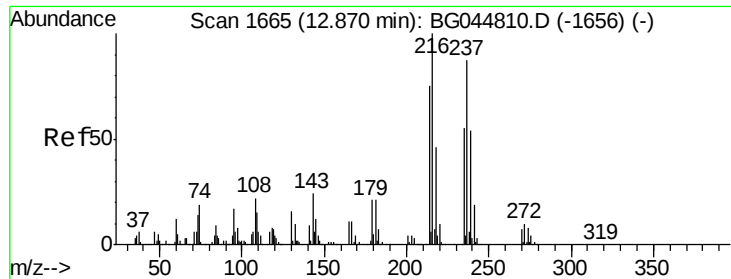
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	216	Resp:	364065
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.8	95.6
179	20.8	16.2	24.2
108	19.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 77.156 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

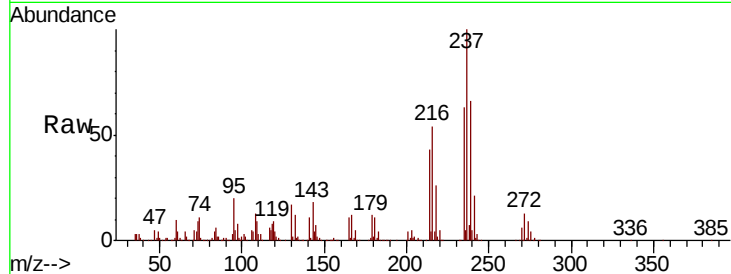
ClientSampleId :

PB127559BS

Tot Ion:	237	Resp:	387194
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.9	82.9
272	13.3	0.0	31.6

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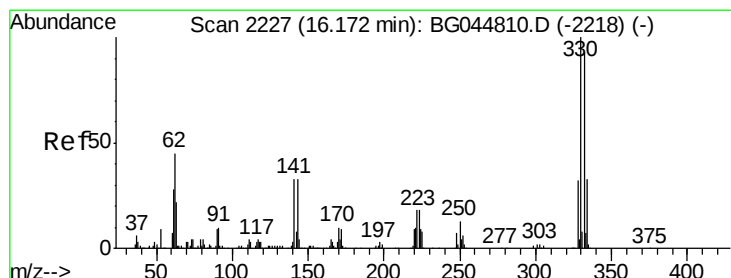
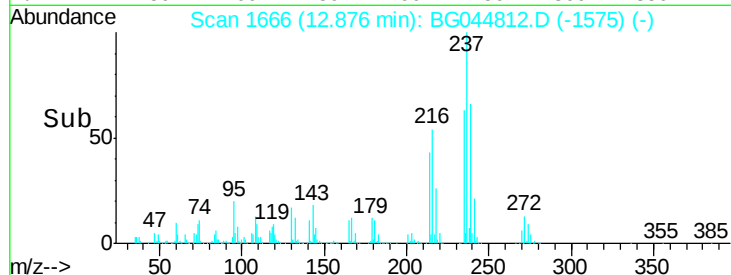
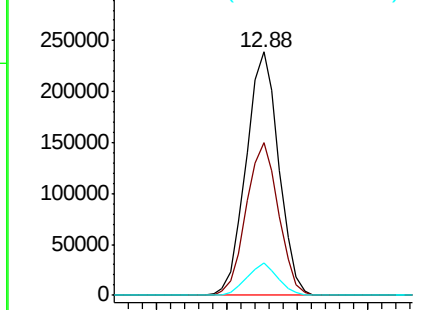


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.421 ng

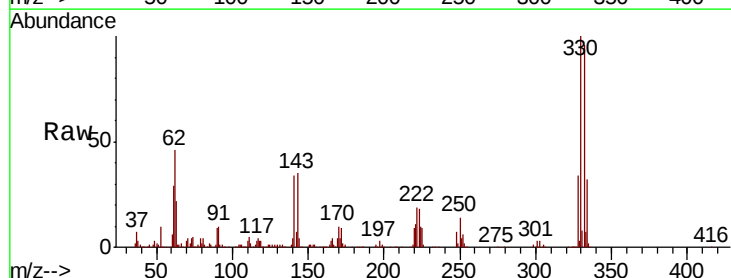
RT: 16.18 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	330	Resp:	512650
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.8	116.6
141	37.2	29.5	44.3

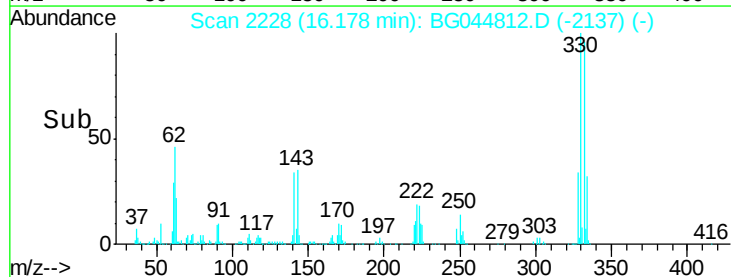
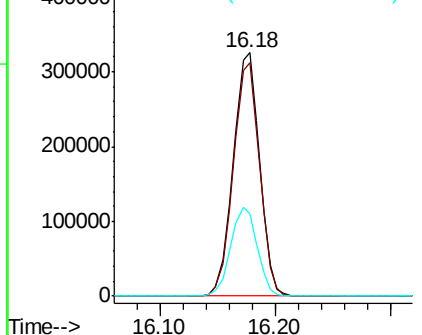


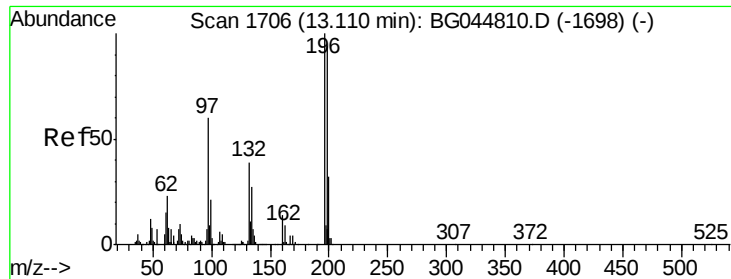
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





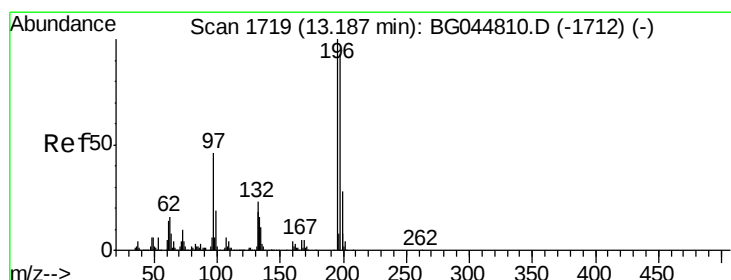
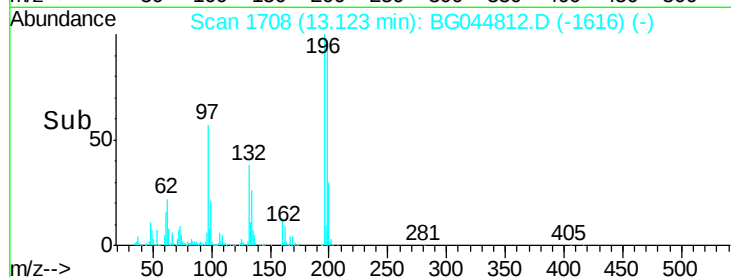
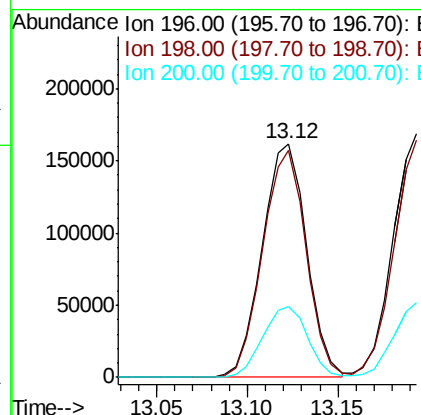
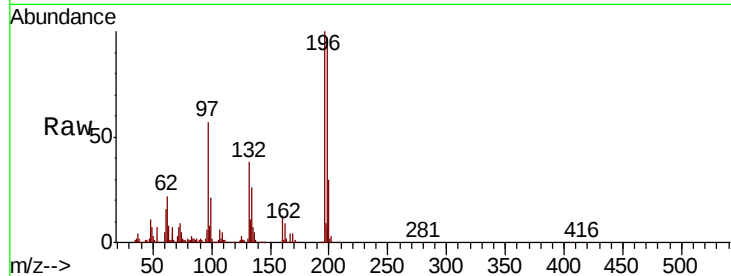
#43
 2,4,6-Trichlorophenol
 Concen: 45.143 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	275102		
198	97.1	74.9	112.3	
200	30.5	25.8	38.6	

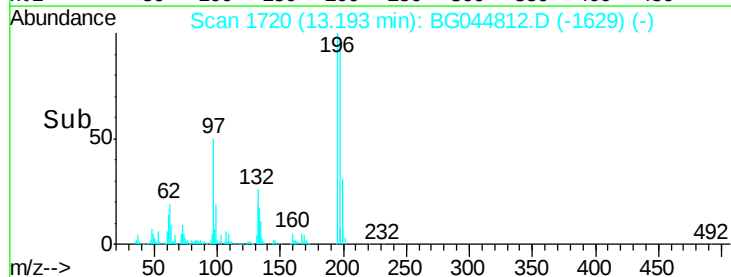
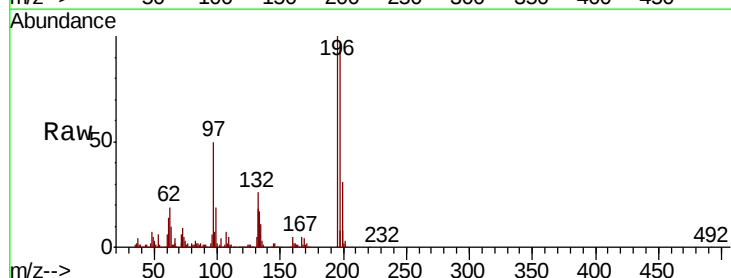
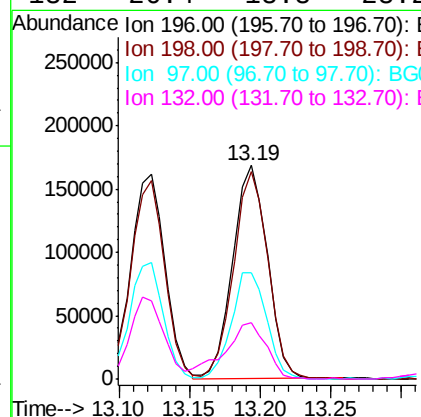
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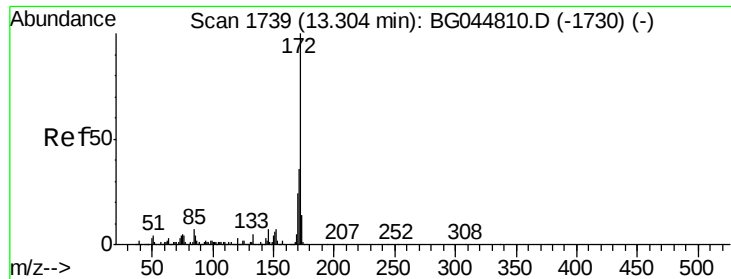
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.598 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288177		
198	97.3	74.2	111.4	
97	49.9	36.7	55.1	
132	26.4	18.8	28.2	





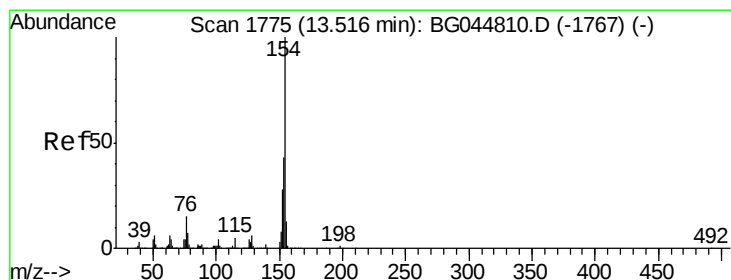
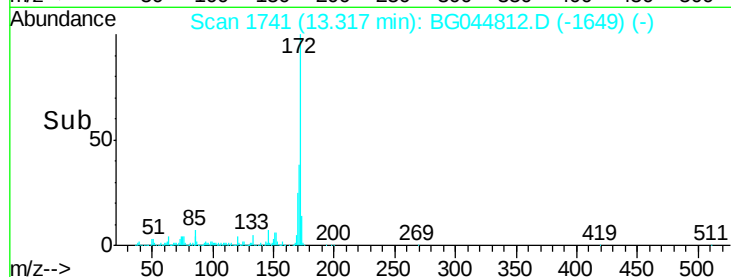
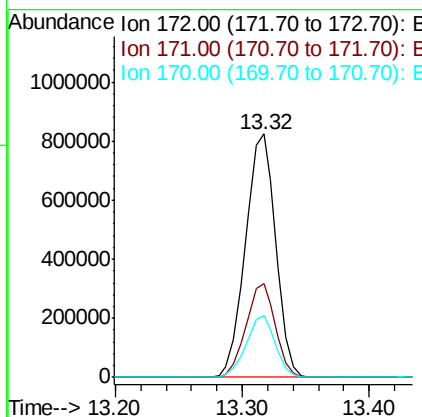
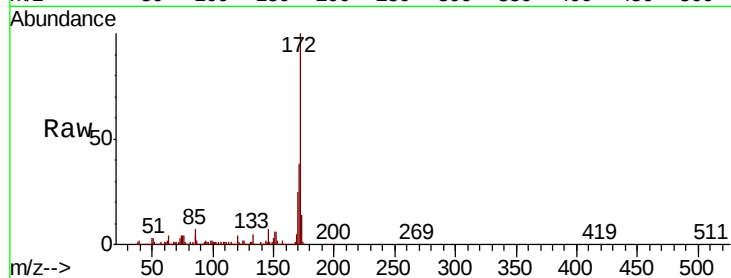
#45
2-Fluorobiphenyl
Concen: 70.074 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampled :
PB127559BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.7	43.1
170	25.3	19.0	28.6

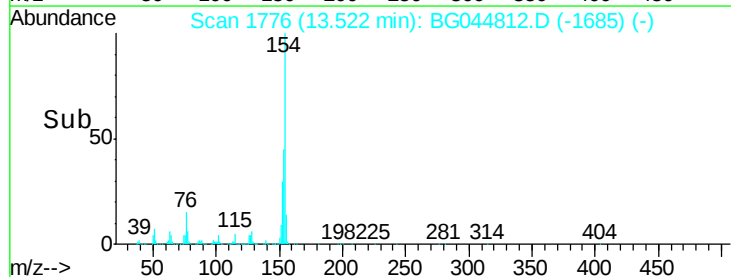
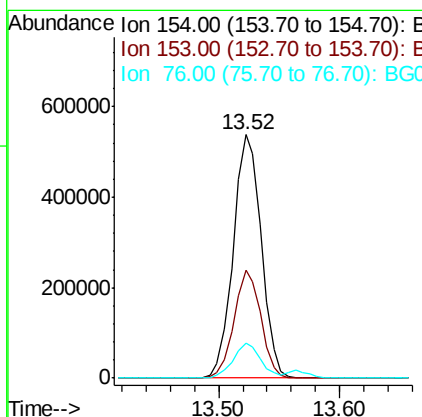
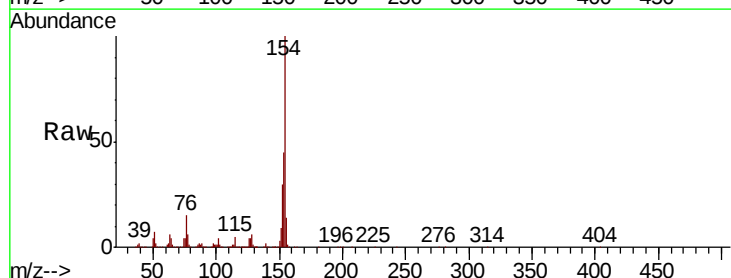
Manual Integrations
APPROVED

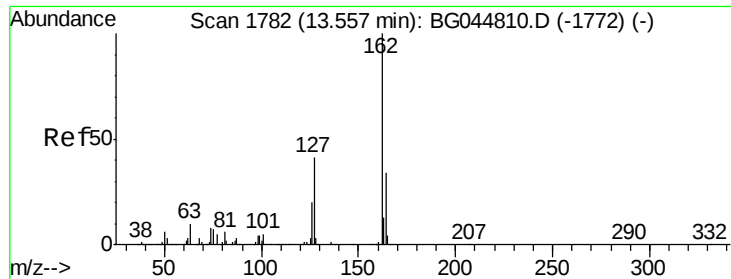
mohammad
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#46
1,1'-Biphenyl
Concen: 38.845 ng
RT: 13.52 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	22.9	62.9
76	14.5	0.0	34.6





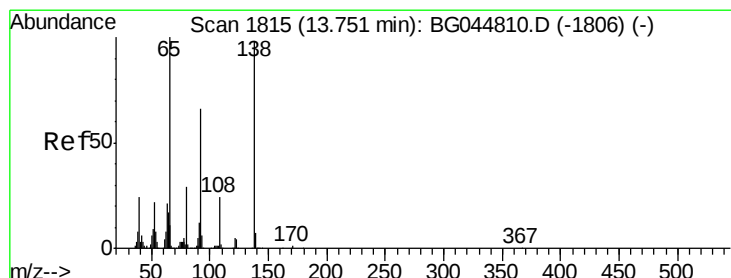
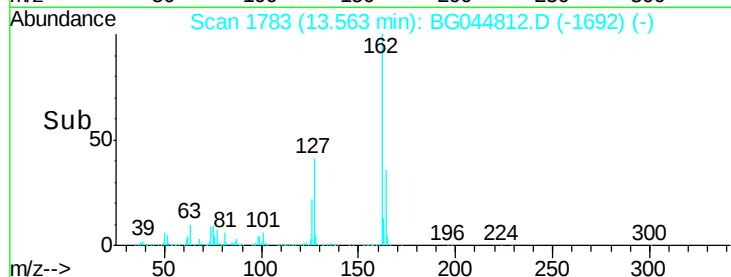
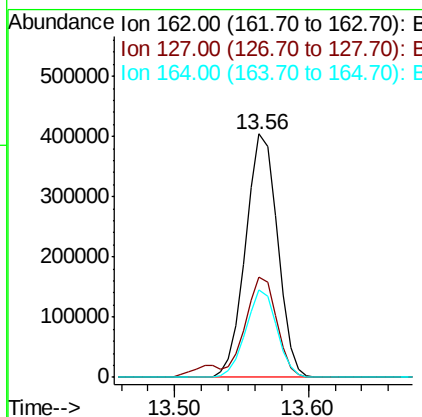
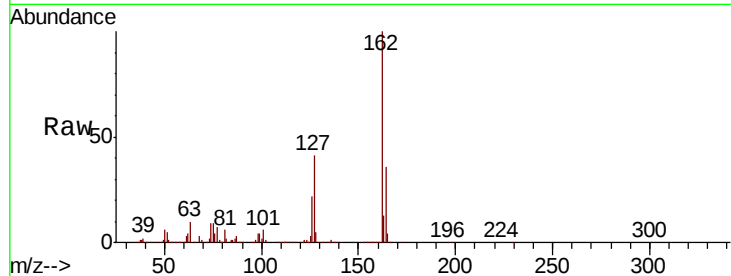
#47
2-Chloronaphthalene
Concen: 39.122 ng
RT: 13.56 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampled :
PB127559BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.1	49.7
164	35.8	27.4	41.2

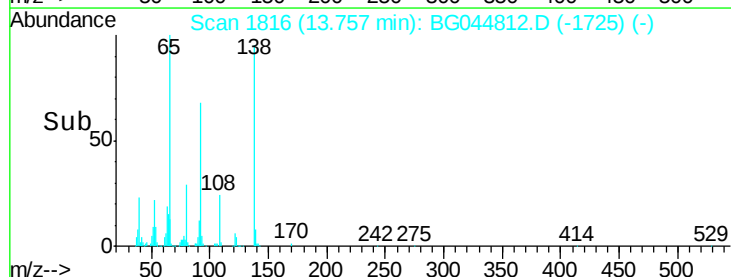
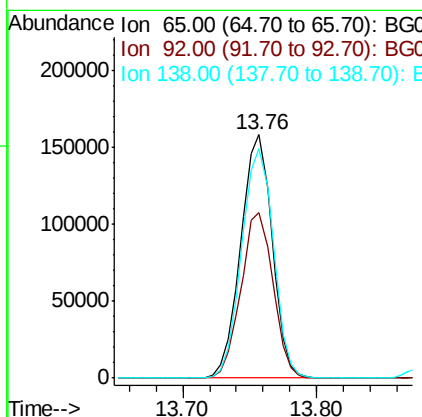
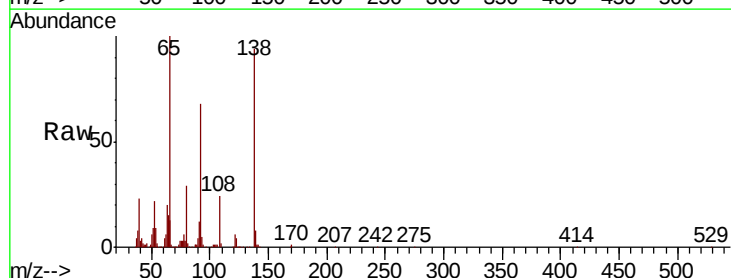
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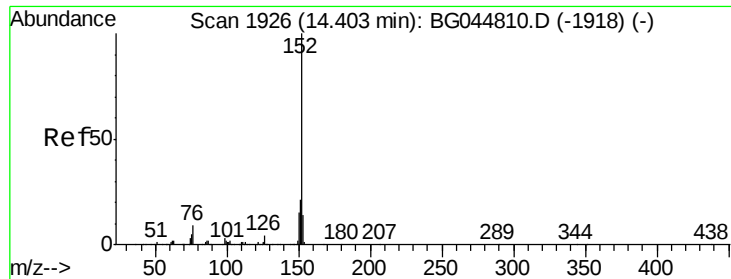
mohammad
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#48
2-Nitroaniline
Concen: 43.375 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	52.6	79.0
138	94.4	78.3	117.5





#49

Acenaphthylene

Concen: 42.093 ng

RT: 14.41 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

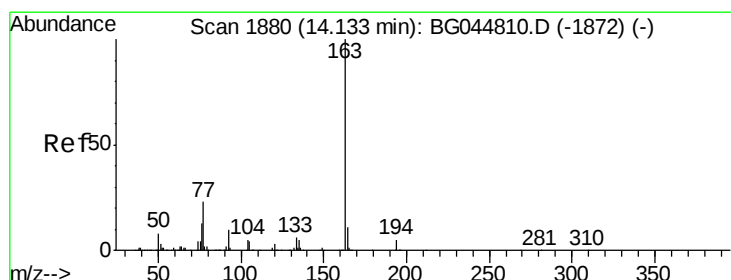
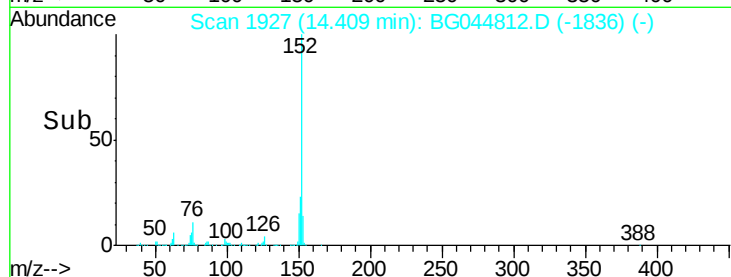
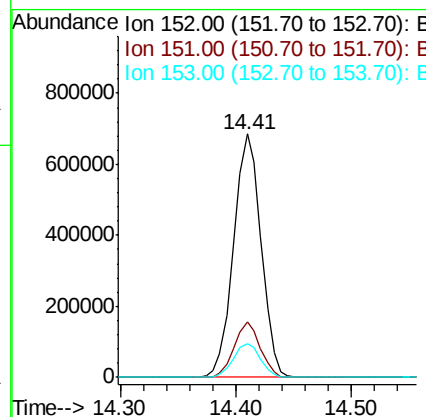
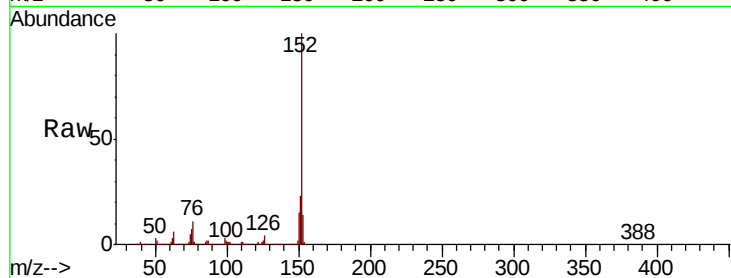
ClientSampleId :

PB127559BS

Tot Ion:	152	Resp:	1122460
Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.8	25.2
153	14.0	10.8	16.2

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#50

Dimethylphthalate

Concen: 41.279 ng

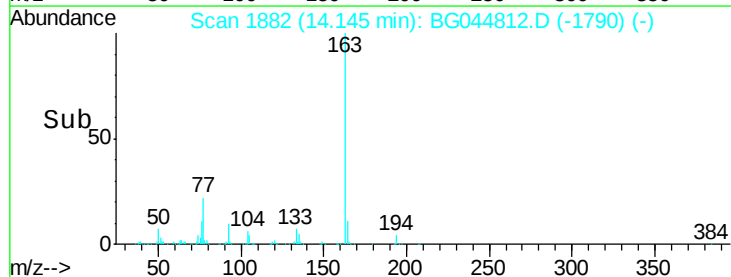
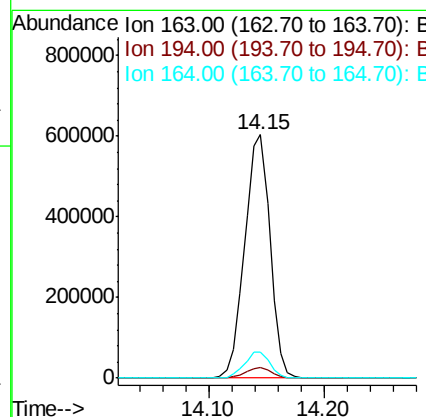
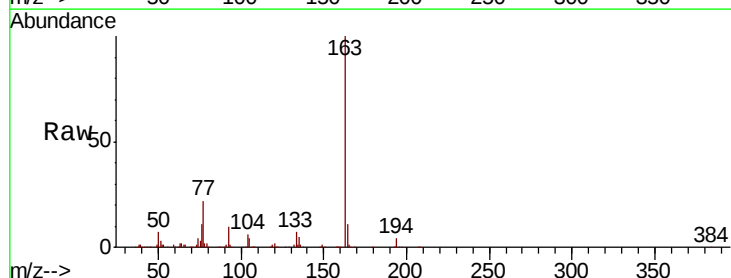
RT: 14.15 min Scan# 1882

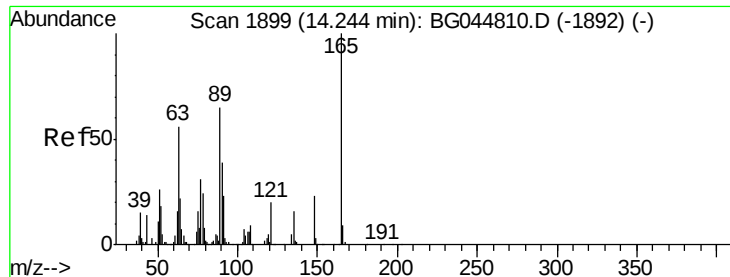
Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	163	Resp:	916697
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.6	9.1	13.7





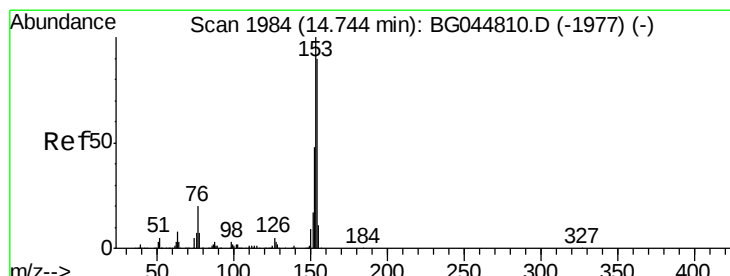
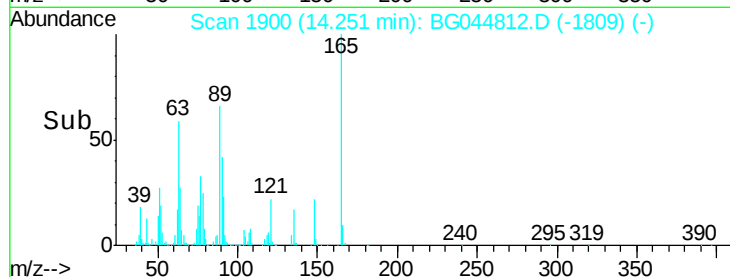
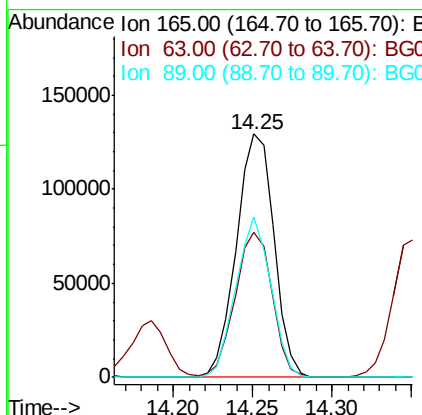
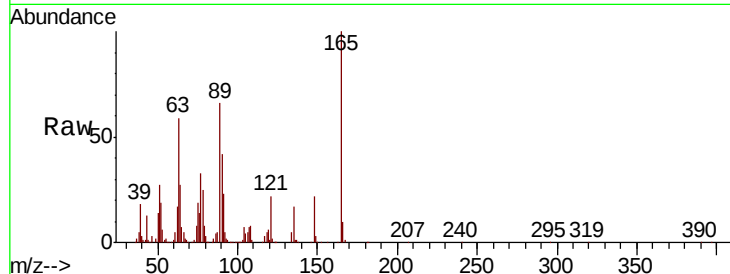
#51
 2,6-Dinitrotoluene
 Concen: 47.504 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	212642		
63	59.5		45.8	68.8
89	65.9		51.8	77.6

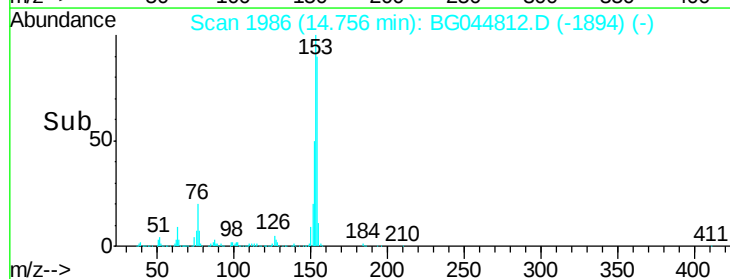
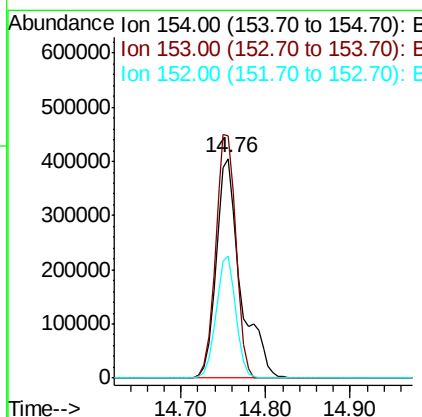
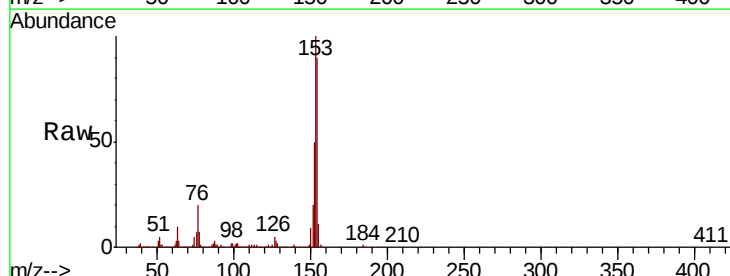
Manual Integrations
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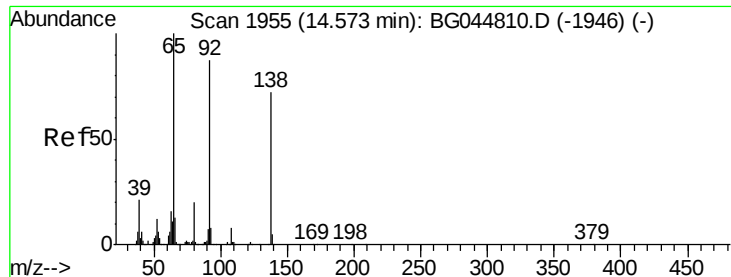
mohammad
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#52
 Acenaphthene
 Concen: 47.084 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	822273		
153	110.6		89.0	133.6
152	55.4		43.0	64.6





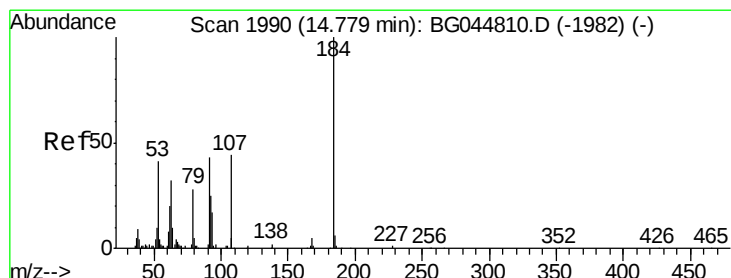
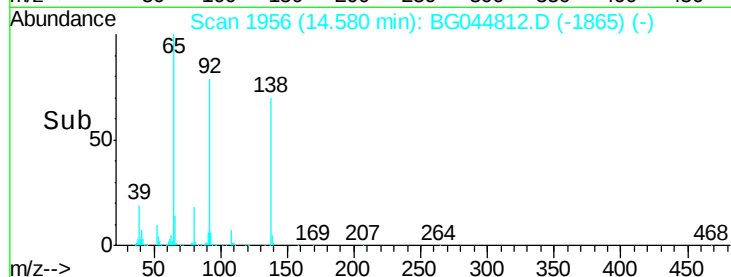
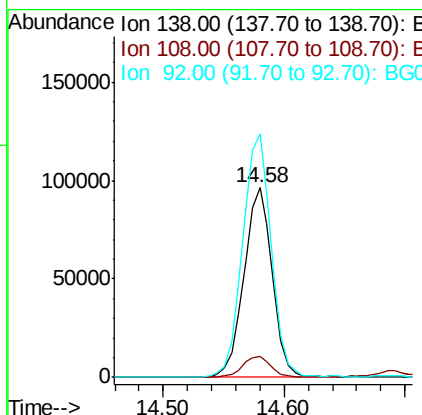
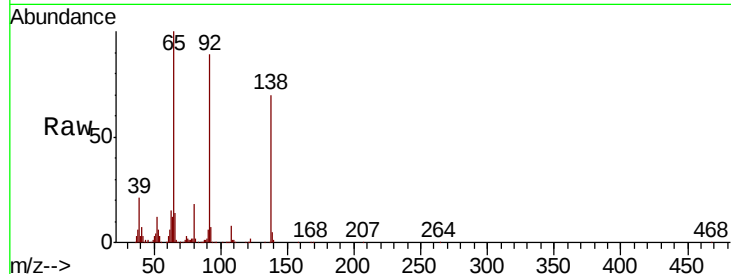
#53
3-Nitroaniline
Concen: 30.456 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	128.6	96.8	145.2

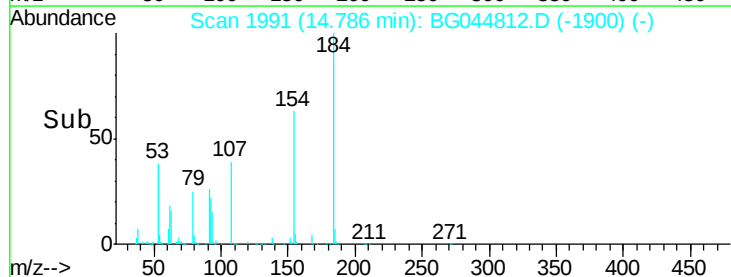
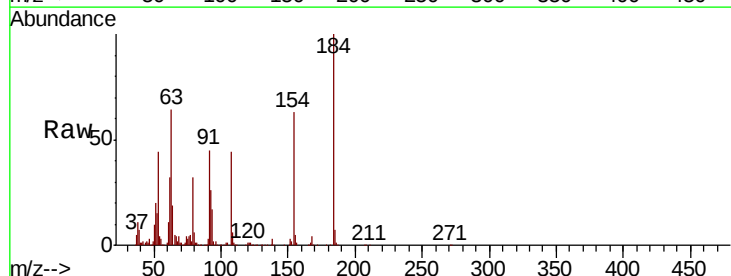
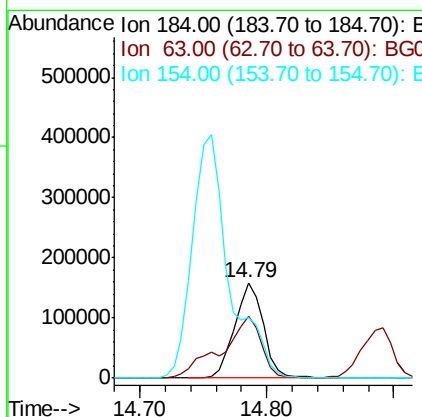
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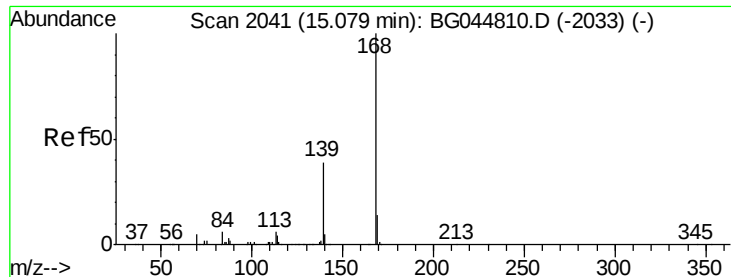
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#54
2,4-Dinitrophenol
Concen: 103.959 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	45.5	68.3
154	63.2	49.1	73.7





#55

Dibenzofuran

Concen: 42.793 ng

RT: 15.09 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

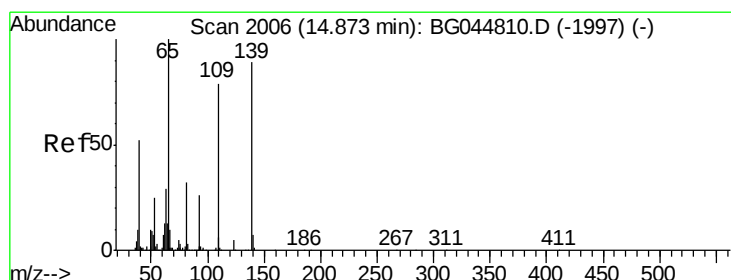
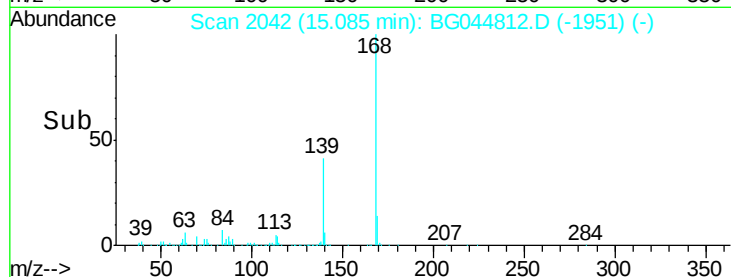
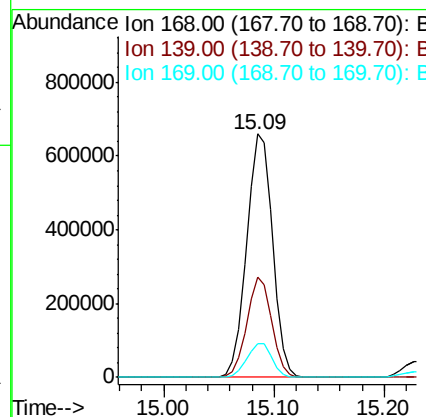
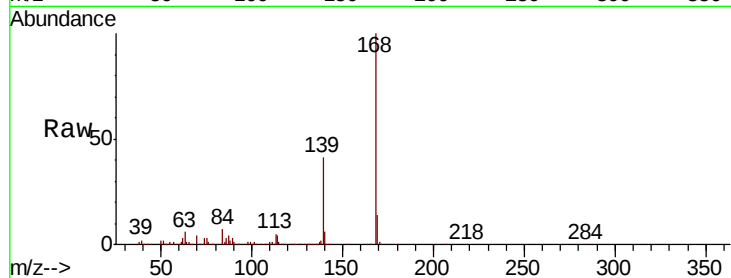
ClientSampleId :

PB127559BS

Tot Ion:168	Resp: 1083755
Ion Ratio	Lower Upper
168 100	
139 41.0	31.4 47.0
169 13.9	11.1 16.7

Manual Integrations
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#56

4-Nitrophenol

Concen: 108.358 ng

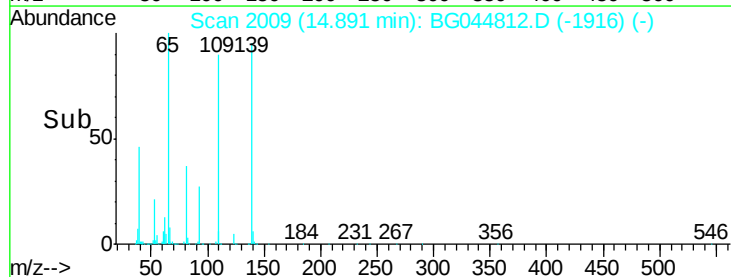
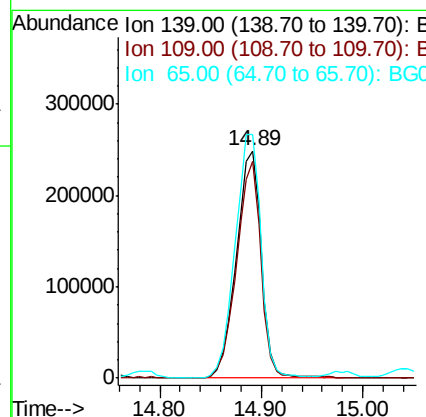
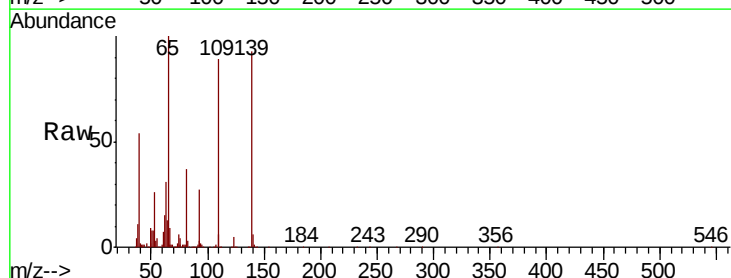
RT: 14.89 min Scan# 2009

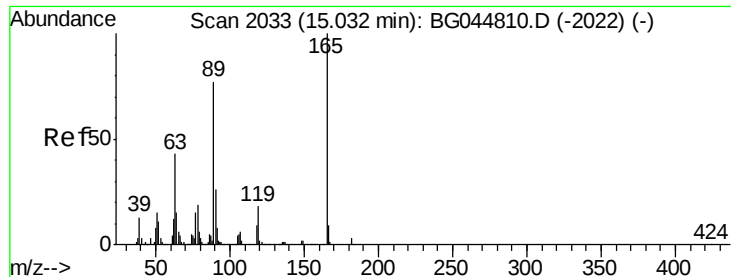
Delta R.T. 0.02 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:139	Resp: 425590
Ion Ratio	Lower Upper
139 100	
109 95.2	68.8 108.8
65 107.1	92.5 132.5





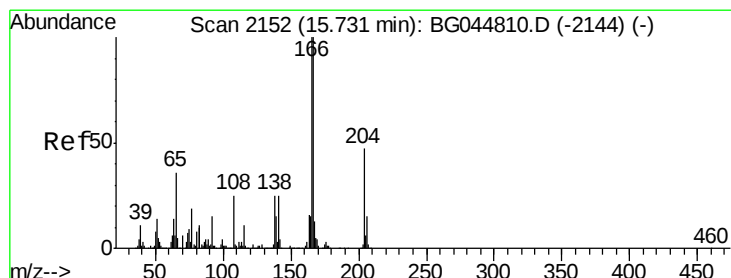
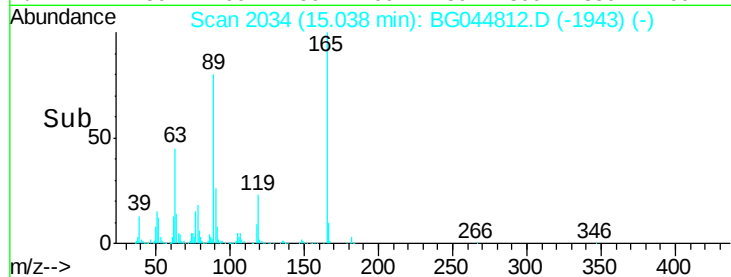
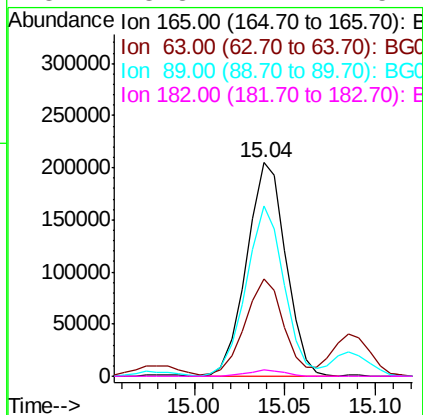
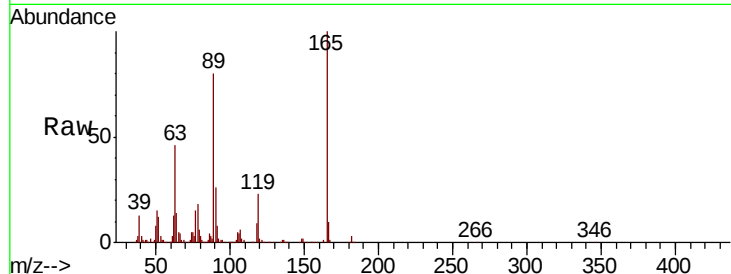
#57
2,4-Dinitrotoluene
Concen: 49.873 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.5	34.6	52.0
89	79.7	61.3	91.9
182	3.3	2.2	3.2#

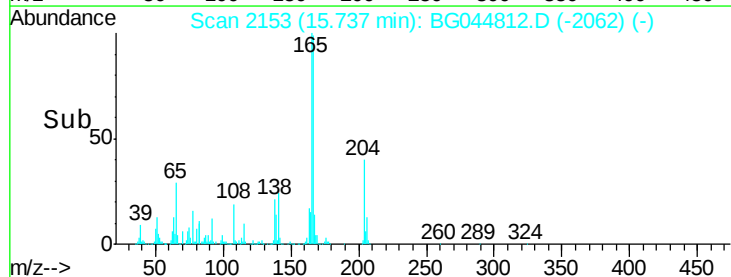
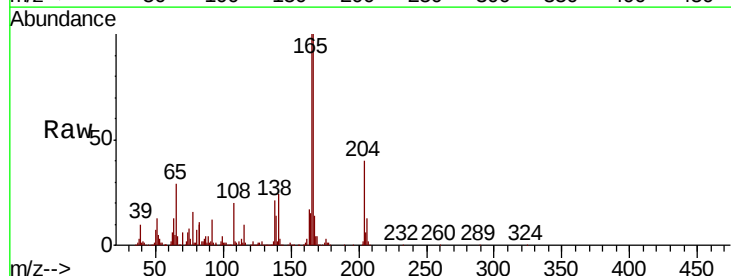
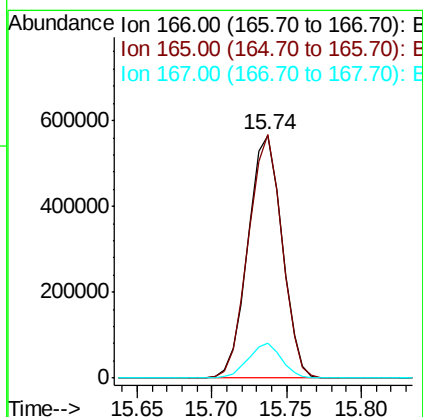
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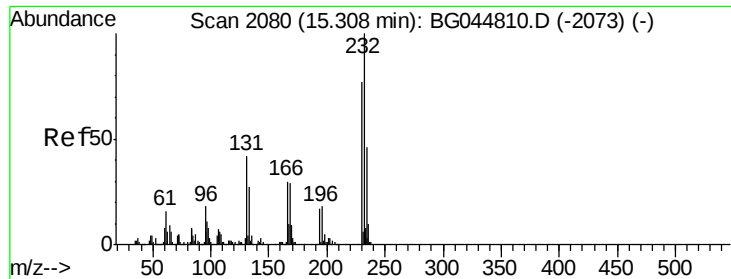
mohammad
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#58
Fluorene
Concen: 42.734 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	100.2	79.7	119.5
167	14.2	10.6	16.0





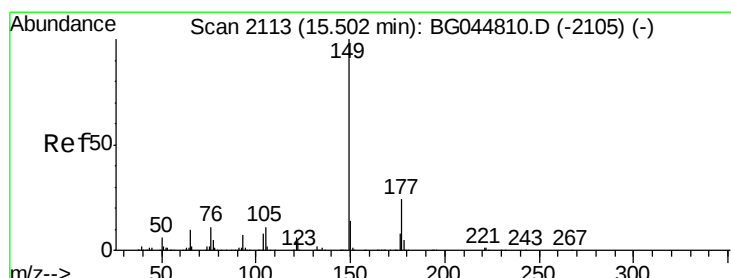
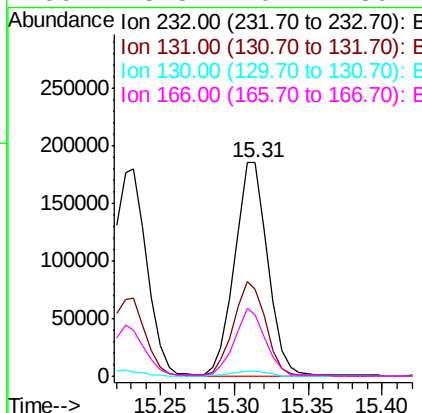
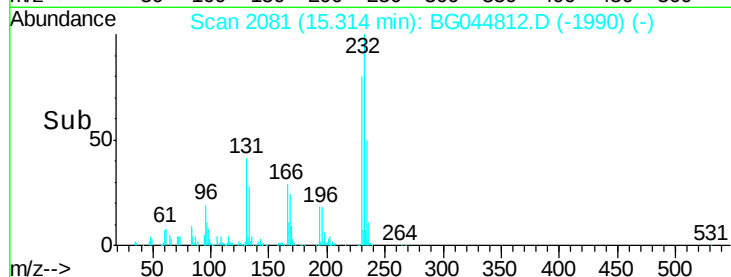
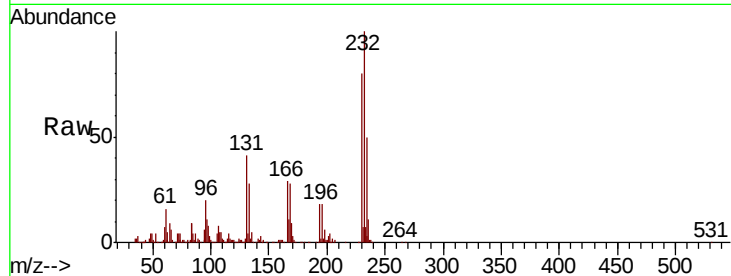
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.352 ng m
 RT: 15.31 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	292976		
131	37.5		31.8	47.8
130	2.7		2.2	3.2
166	23.8		20.2	30.2

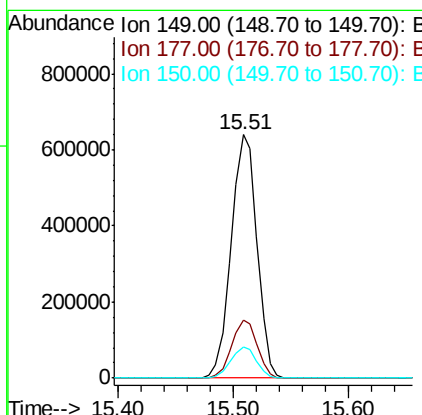
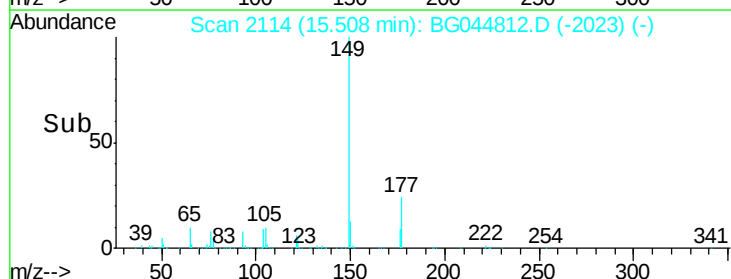
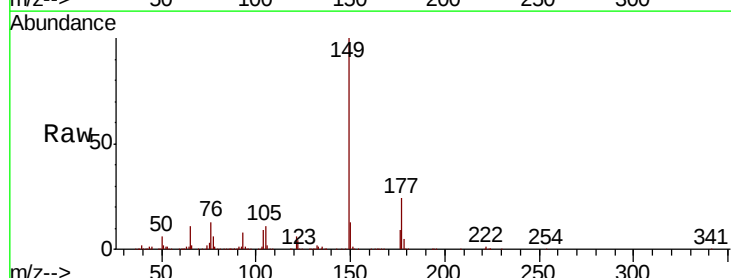
Manual Integrations
 APPROVED

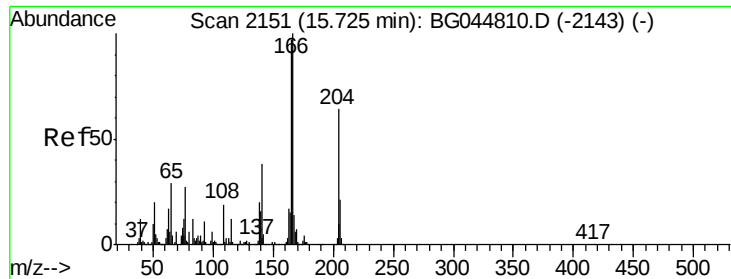
mohammad
 3/18/2020 8:44:09 AM



#60
 Diethylphthalate
 Concen: 42.531 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	985112		
177	23.6		19.3	28.9
150	13.0		11.0	16.6





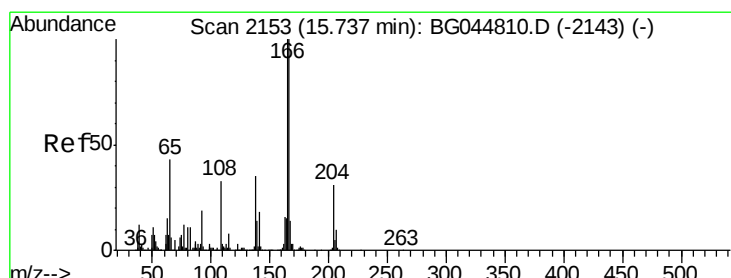
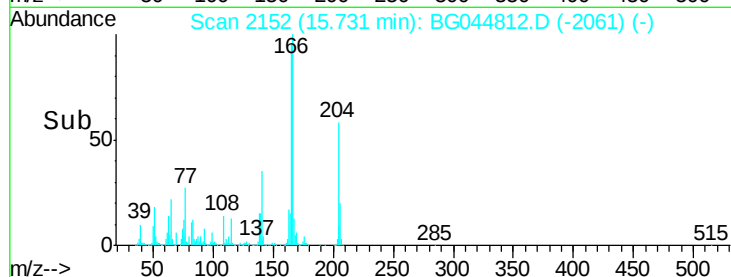
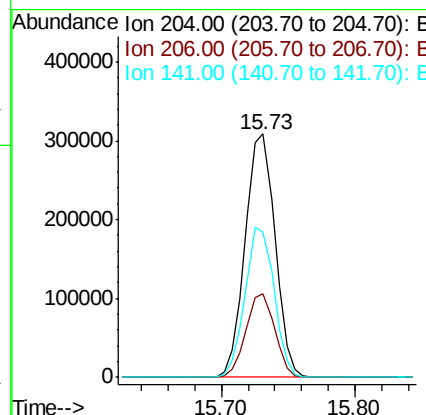
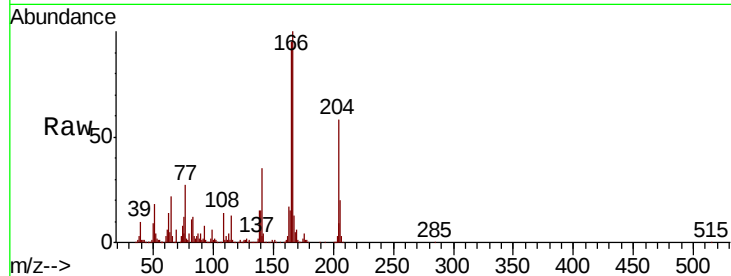
#61
4-Chlorophenyl-phenylether
Concen: 42.434 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	59.6	47.7	71.5

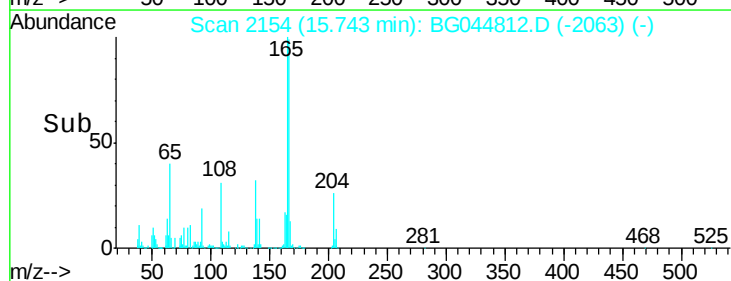
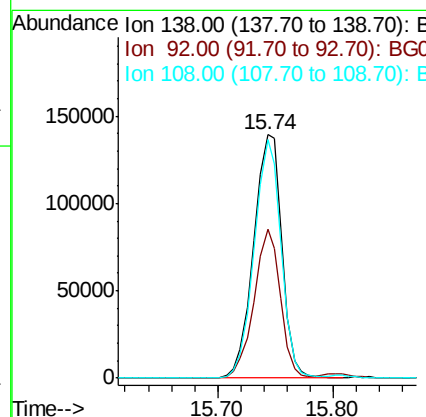
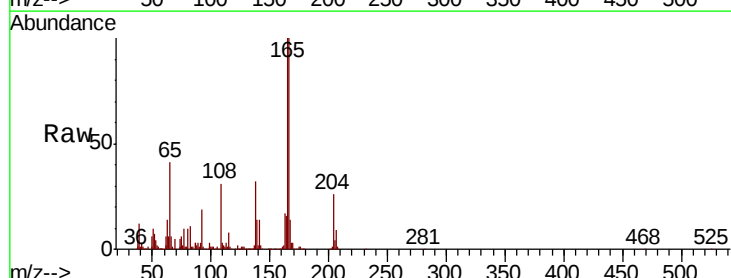
Manual Integrations
APPROVED

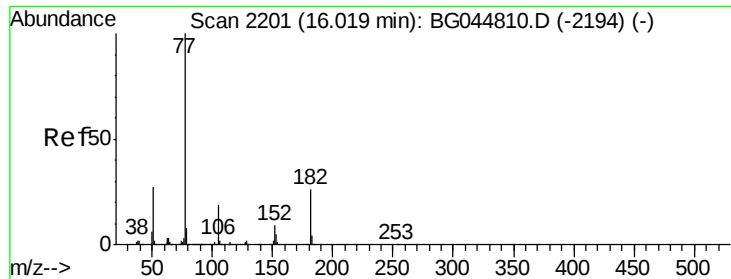
mohammad
3/18/2020 8:44:09 AM



#62
4-Nitroaniline
Concen: 43.431 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	34.5	74.5
108	98.0	74.5	114.5





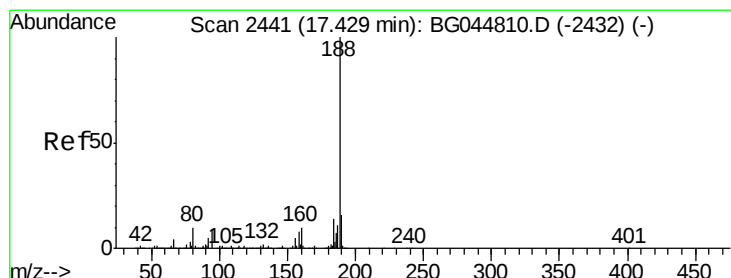
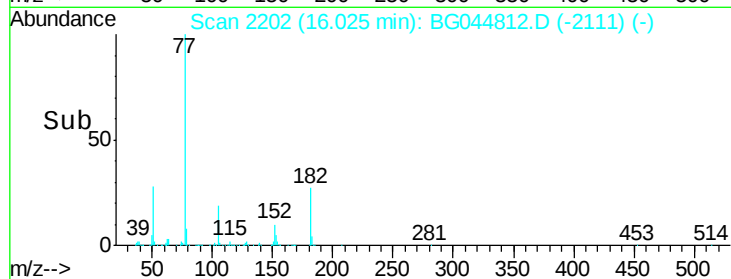
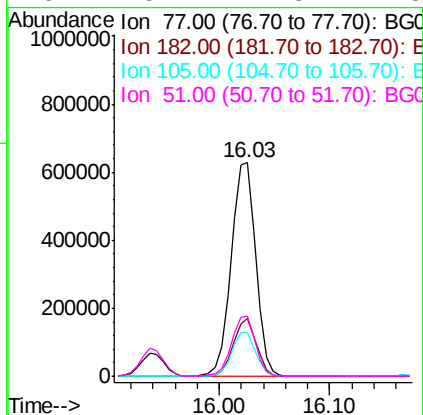
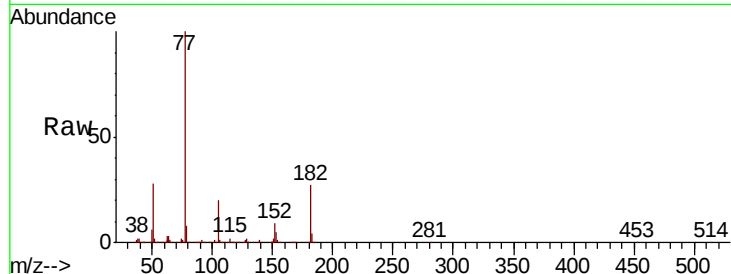
#63
Azobenzene
Concen: 40.737 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.4	46.4
105	20.4	0.0	39.1
51	28.4	7.3	47.3

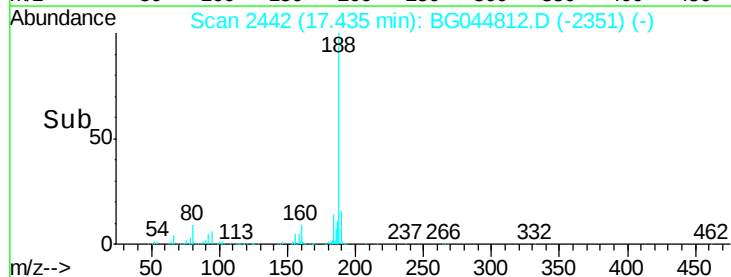
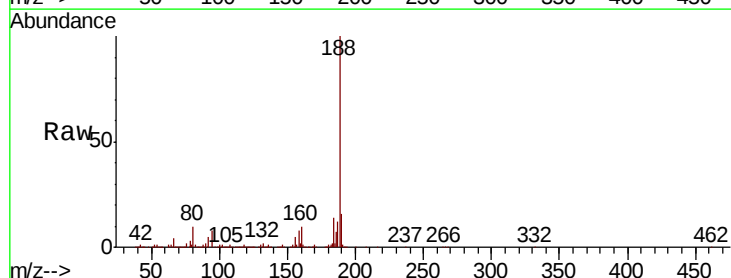
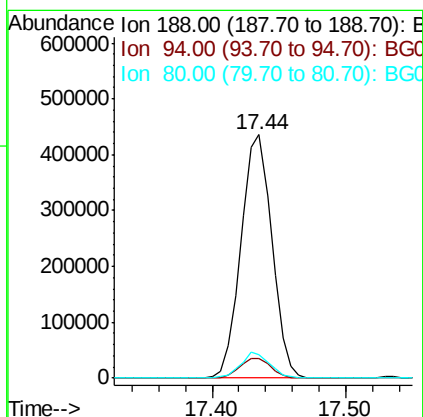
Manual Integrations
APPROVED

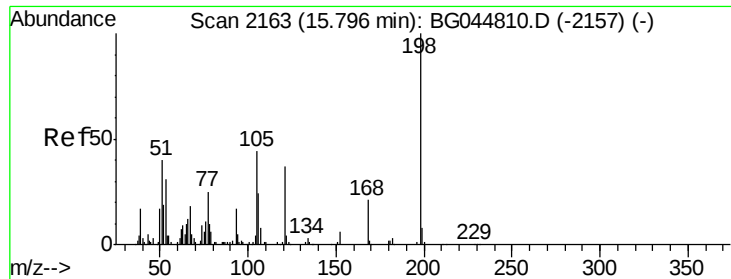
mohammad
3/18/2020 8:44:09 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.3	10.9
80	9.5	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 55.645 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

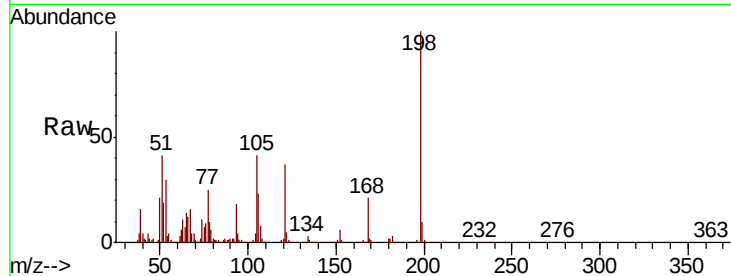
ClientSampleId :

PB127559BS

Tot Ion:	198	Resp:	186972
Ion Ratio	Lower	Upper	
198	100		
51	41.4	21.1	61.1
105	40.9	24.5	64.5

Manual Integrations
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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

15.81

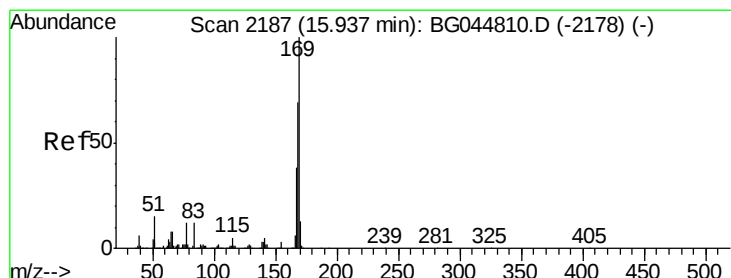
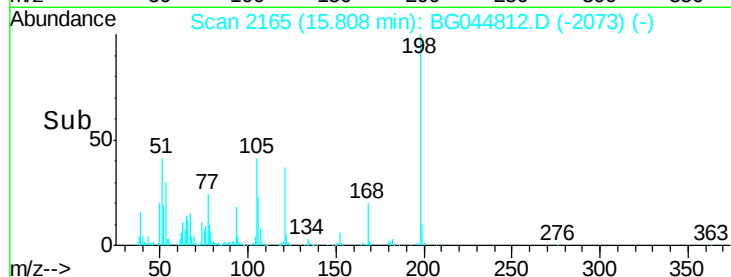
100000

50000

0

15.75 15.80 15.85 15.90

Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.375 ng

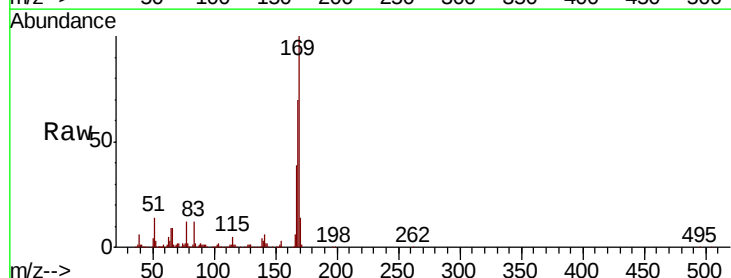
RT: 15.94 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:	169	Resp:	824699
Ion Ratio	Lower	Upper	
169	100		
168	70.2	55.4	83.2
167	38.5	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

15.94

600000

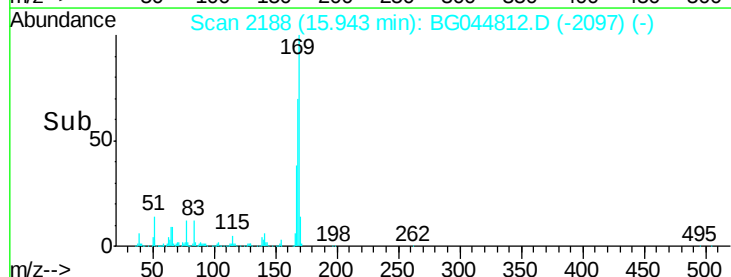
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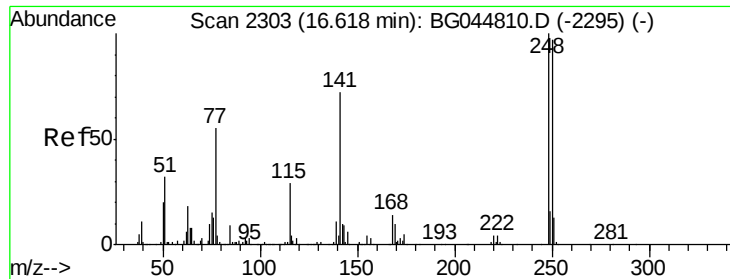
200000

0

15.85 15.90 15.95 16.00

Time-->





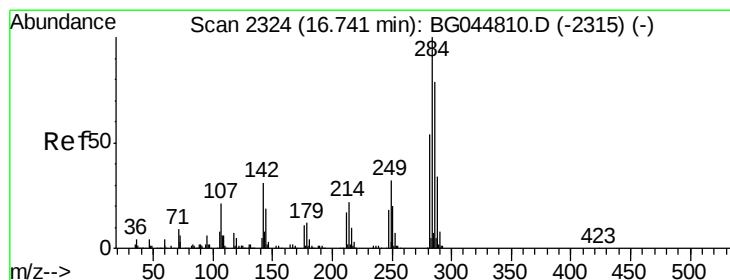
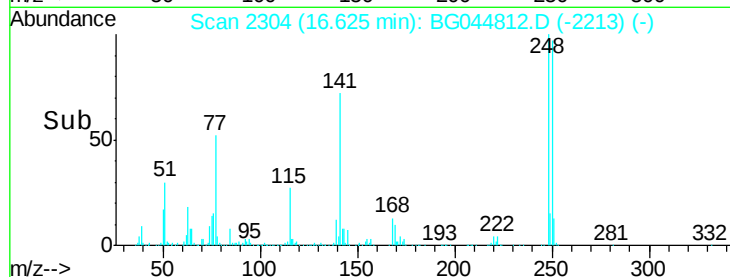
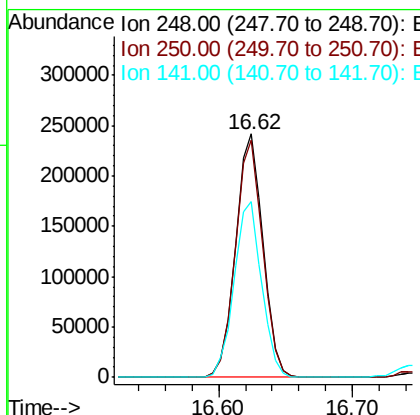
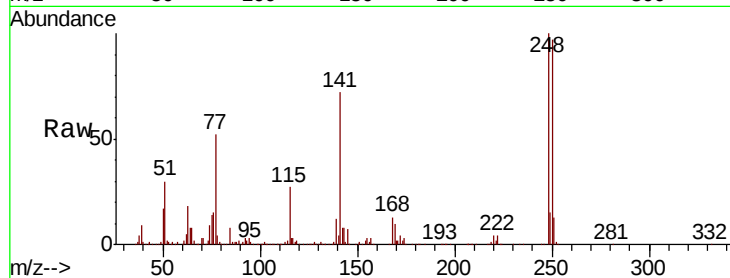
#67
4-Bromophenyl-phenylether
Concen: 39.376 ng
RT: 16.62 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	72.2	57.5	86.3

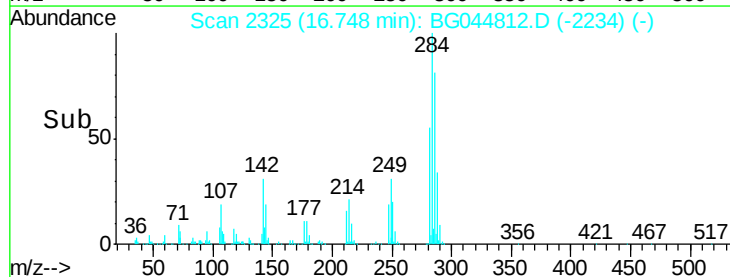
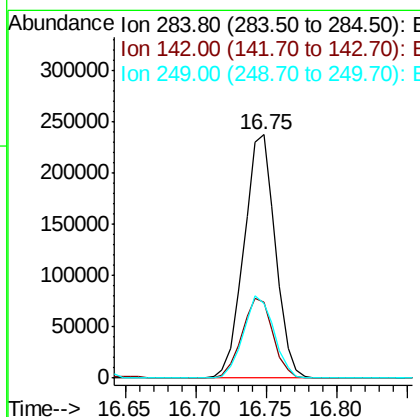
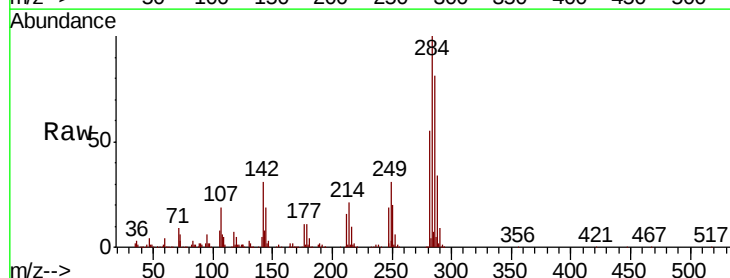
Manual Integrations
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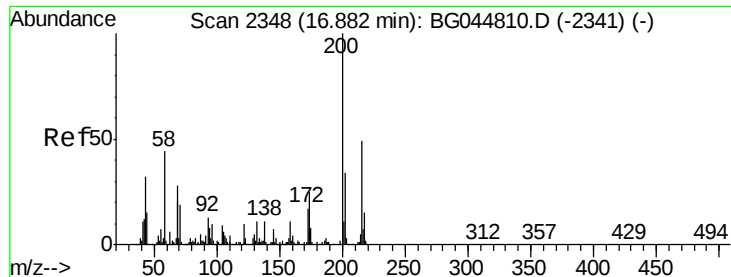
mohammad
3/18/2020 8:44:09 AM



#68
Hexachlorobenzene
Concen: 38.973 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.0	37.6
249	30.9	25.8	38.8





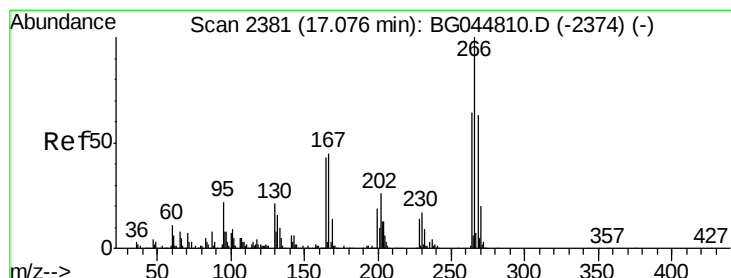
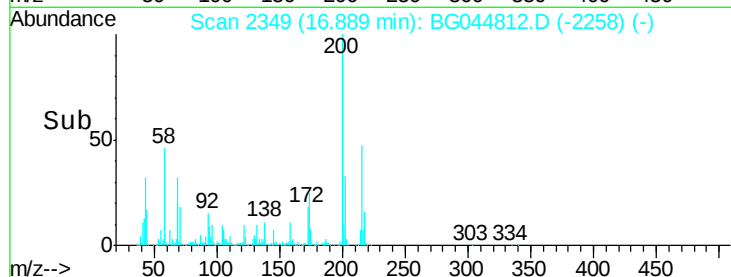
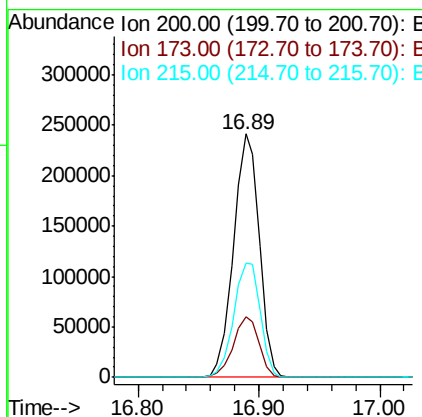
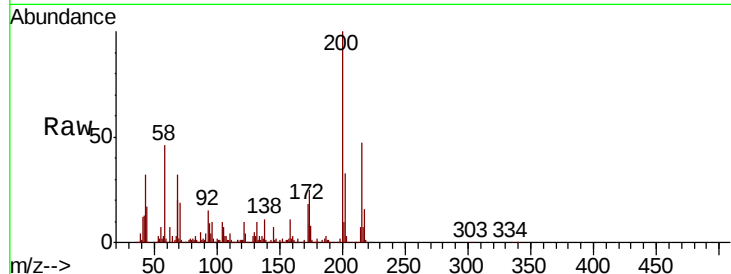
#69
Atrazine
Concen: 46.655 ng
RT: 16.89 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	5.3	45.3
215	47.0	28.9	68.9

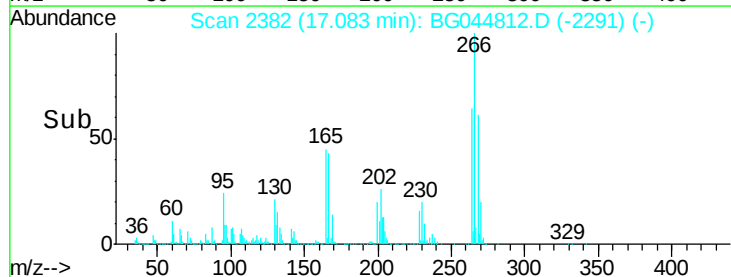
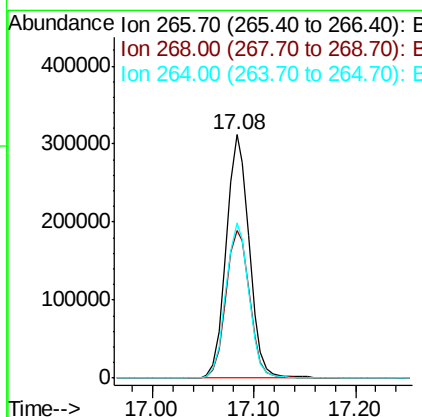
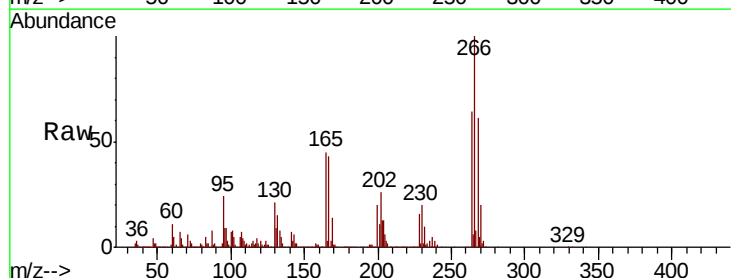
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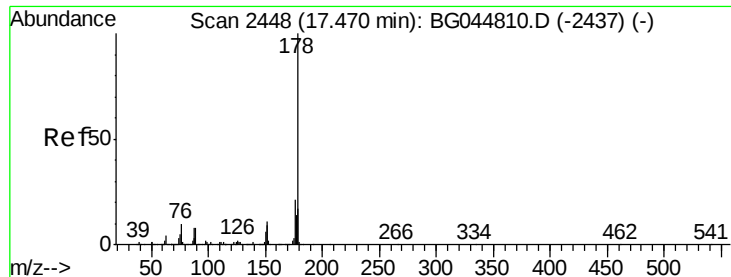
mohammad
3/18/2020 8:44:09 AM



#70
Pentachlorophenol
Concen: 94.479 ng
RT: 17.08 min Scan# 2382
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	60.6	50.3	75.5
264	63.9	51.4	77.2





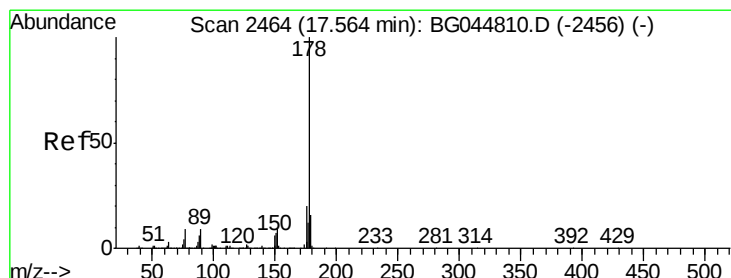
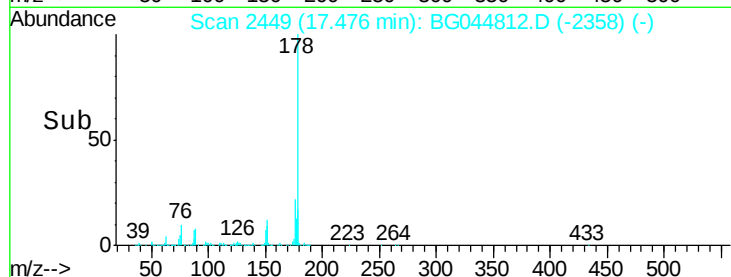
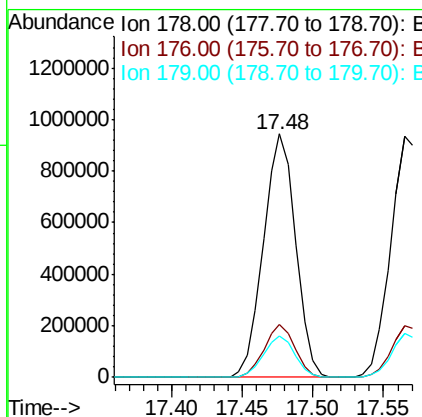
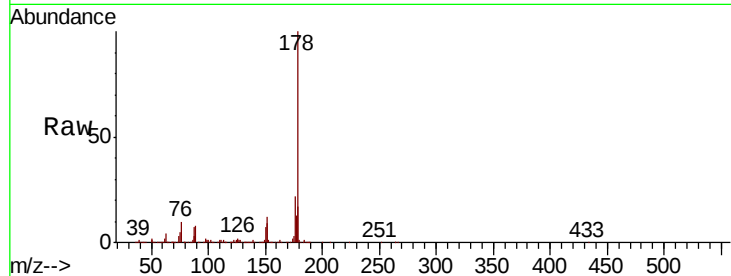
#71
Phenanthrene
Concen: 40.693 ng
RT: 17.48 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion:178 Resp: 1512813
Ion Ratio Lower Upper
178 100
176 21.7 16.6 24.8
179 17.0 13.5 20.3

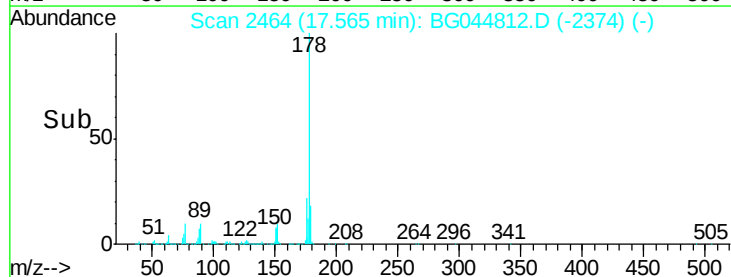
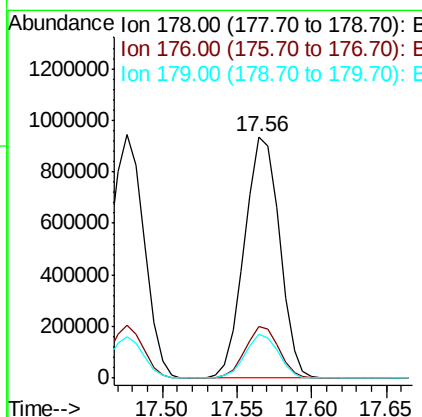
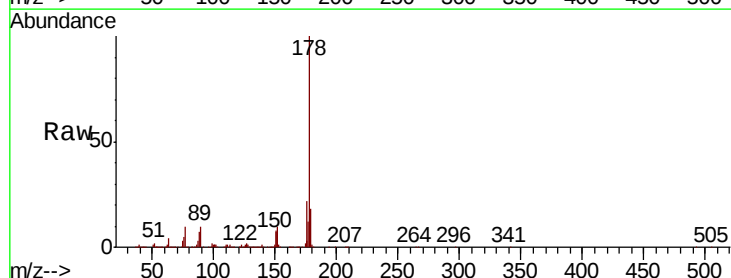
Manual Integrations
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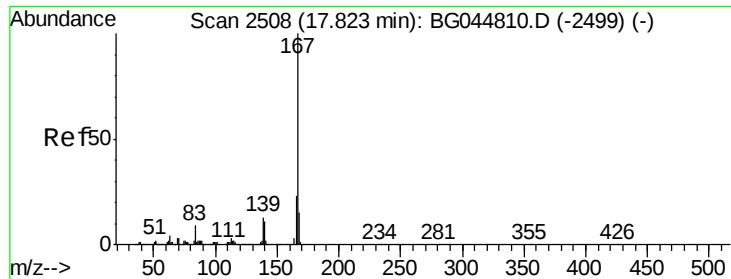
mohammad
3/18/2020 8:44:09 AM



#72
Anthracene
Concen: 41.444 ng
RT: 17.56 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion:178 Resp: 1519245
Ion Ratio Lower Upper
178 100
176 21.5 15.9 23.9
179 18.1 13.2 19.8





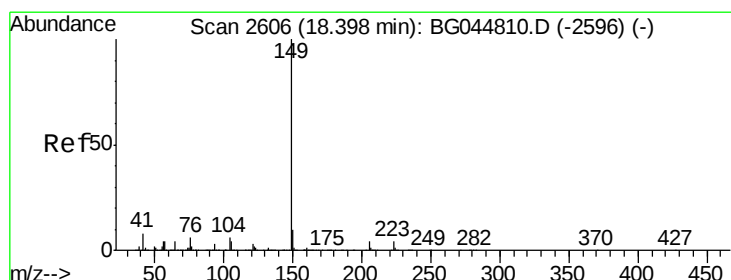
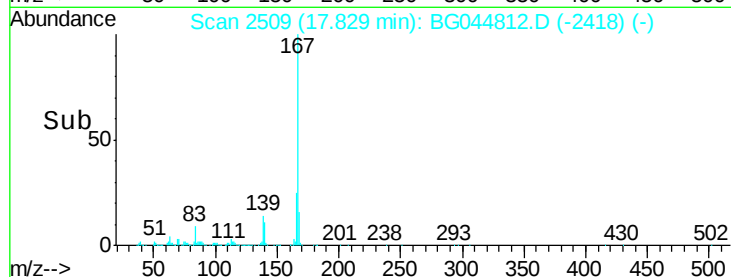
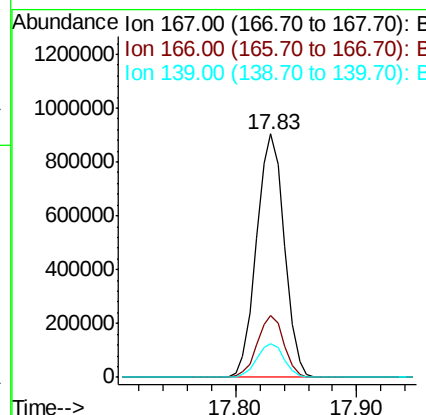
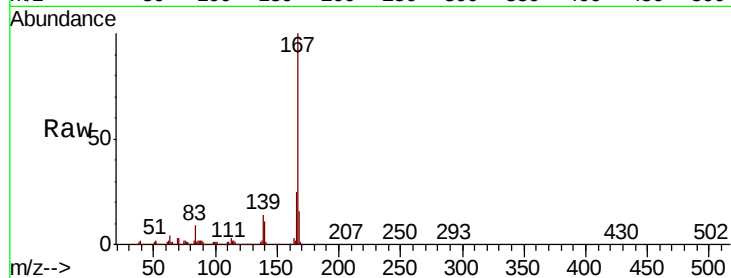
#73
 Carbazole
 Concen: 41.159 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :
 PB127559BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	18.8	28.2
139	13.9	10.8	16.2

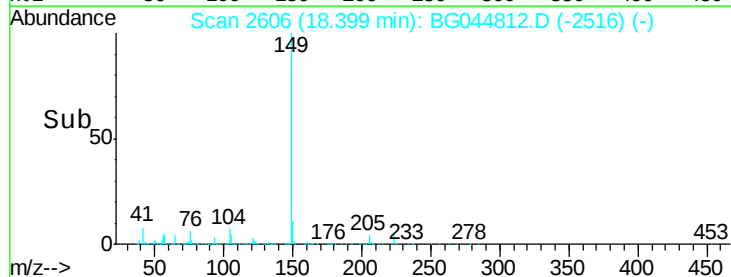
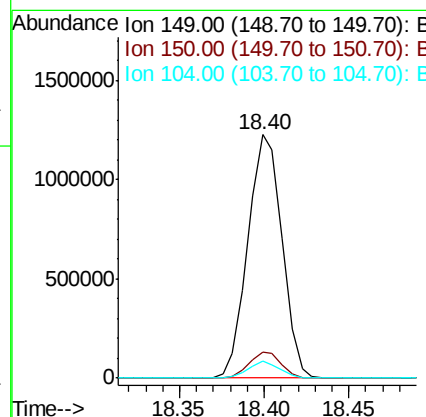
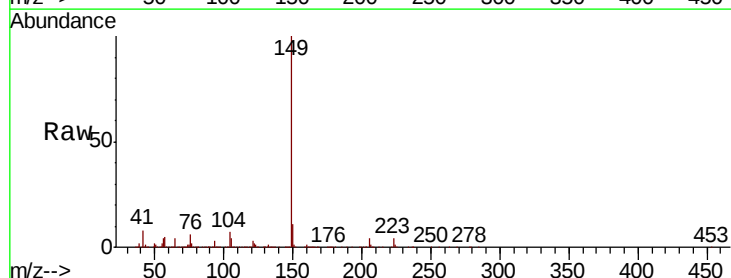
Manual Integrations
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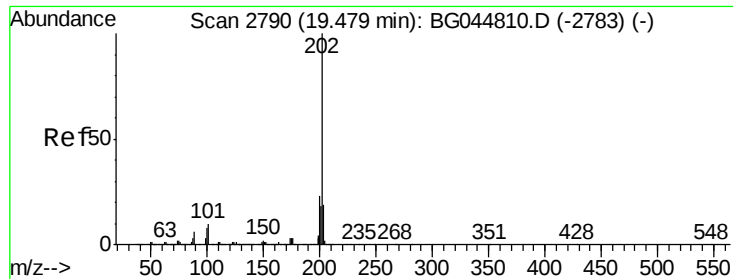
mohammad
 3/18/2020 8:44:09 AM



#74
 Di-n-butylphthalate
 Concen: 40.322 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG044812.D
 Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.1	12.1
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 41.366 ng

RT: 19.48 min Scan# 2790

Delta R.T. 0.00 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:202 Resp: 1831028

Ion Ratio Lower Upper

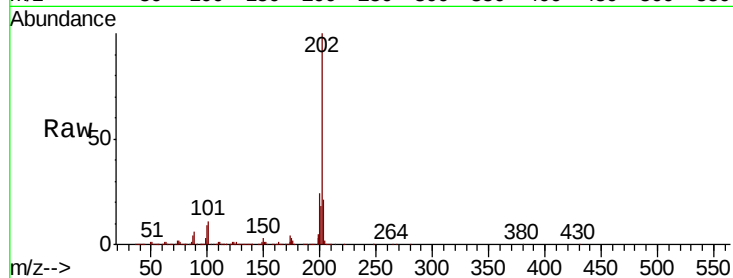
202 100

101 10.8 0.0 29.8

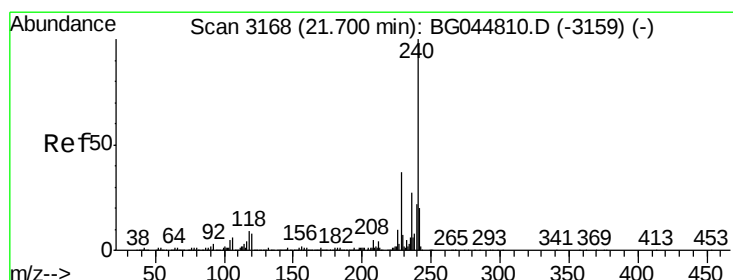
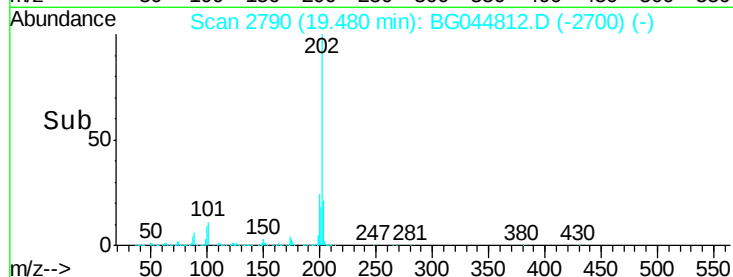
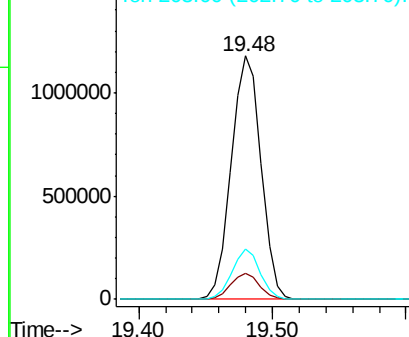
203 20.6 0.0 39.4

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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. 0.00 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

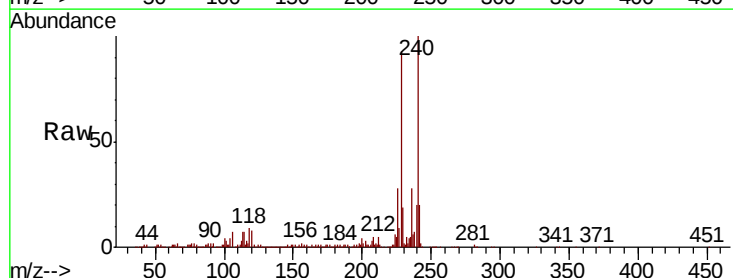
Tgt Ion:240 Resp: 603042

Ion Ratio Lower Upper

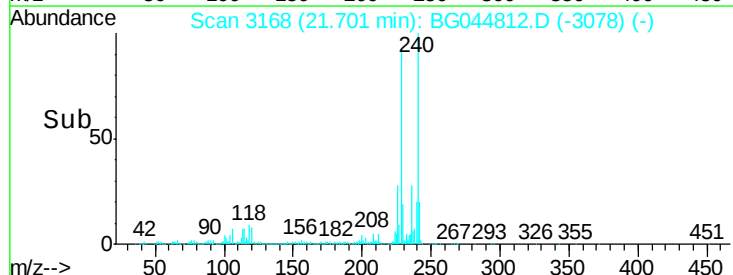
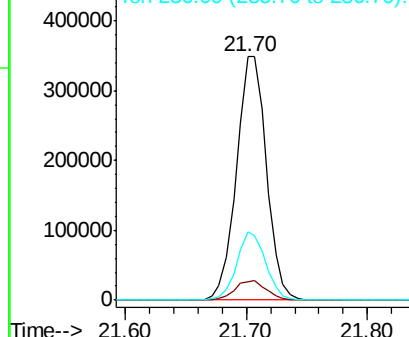
240 100

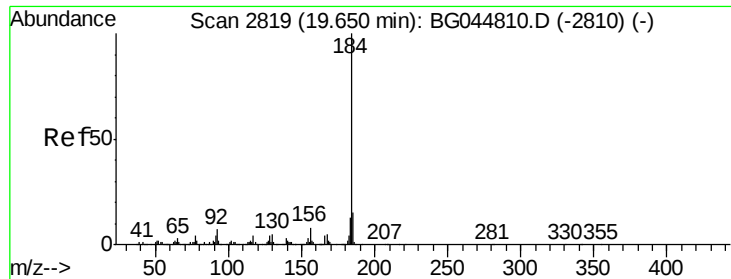
120 7.7 6.7 10.1

236 28.1 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.069 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

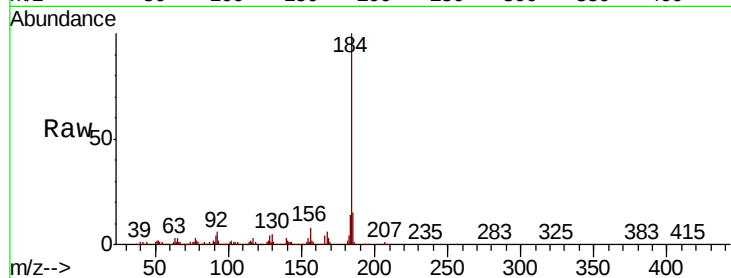
ClientSampleId :

PB127559BS

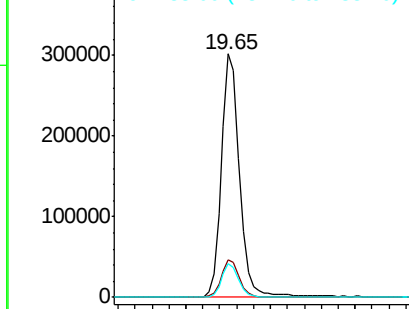
Tot Ion:	184	Resp:	451629
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.4
183	14.0	10.7	16.1

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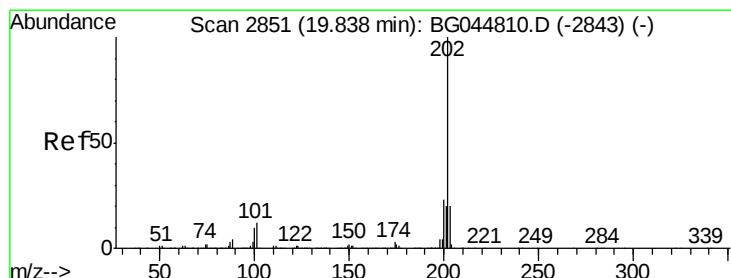
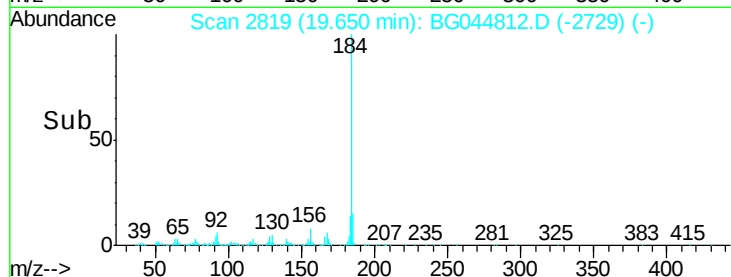
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.60 19.70 19.80



#78

Pyrene

Concen: 41.040 ng

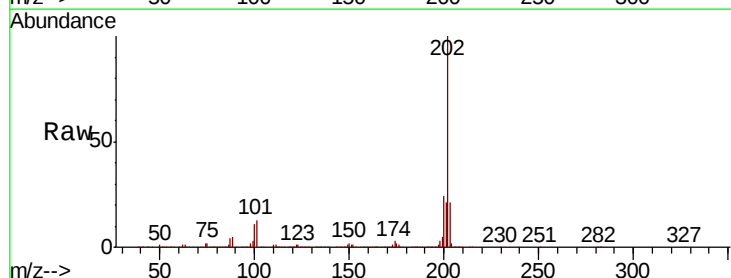
RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

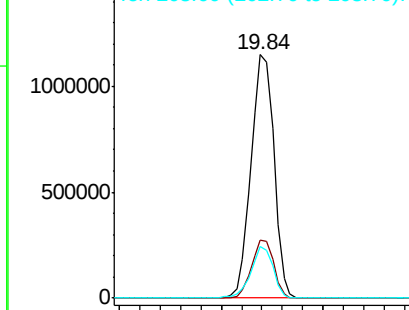
Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

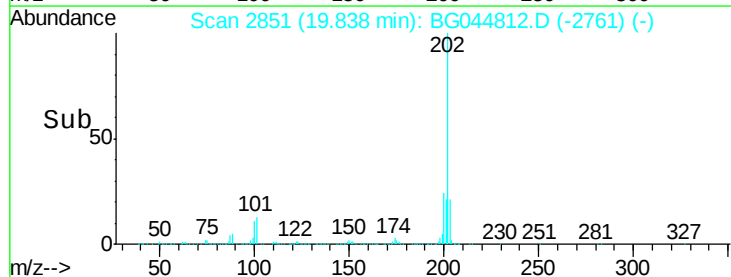
Tgt Ion:	202	Resp:	1815731
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.3	27.5
203	21.0	15.6	23.4

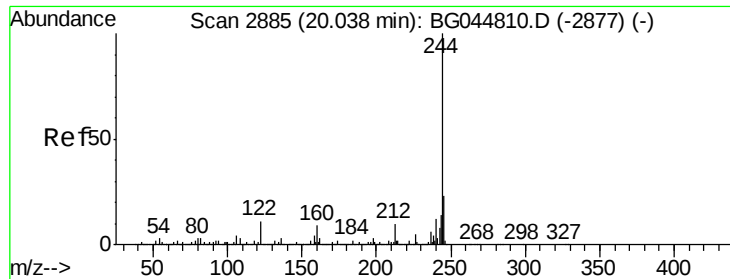


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





#79

Terphenyl-d14

Concen: 69.841 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:244 Resp: 2251598

Ion Ratio Lower Upper

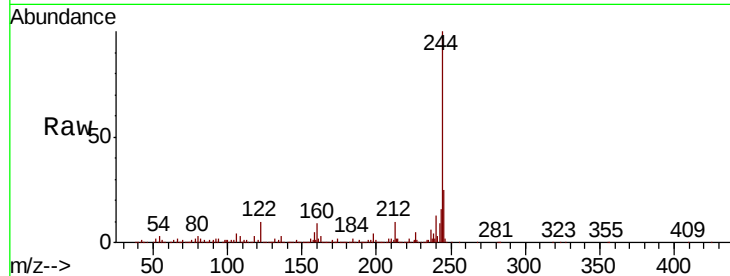
244 100

212 9.7 7.7 11.5

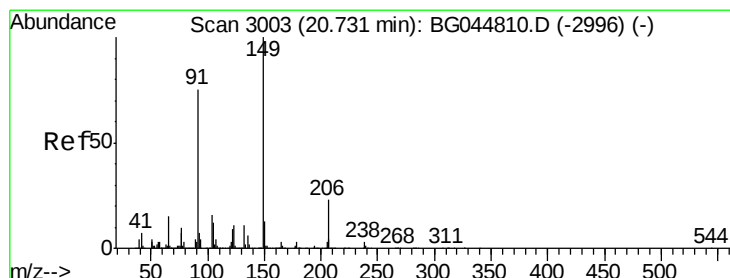
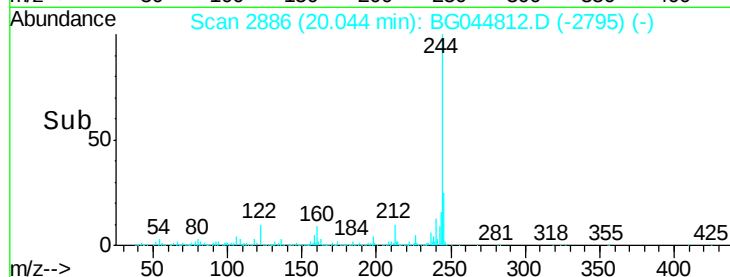
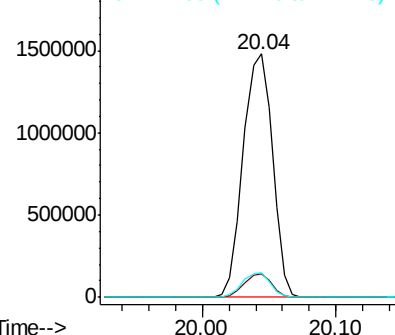
122 10.4 8.6 12.8

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.775 ng

RT: 20.73 min Scan# 3003

Delta R.T. 0.00 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

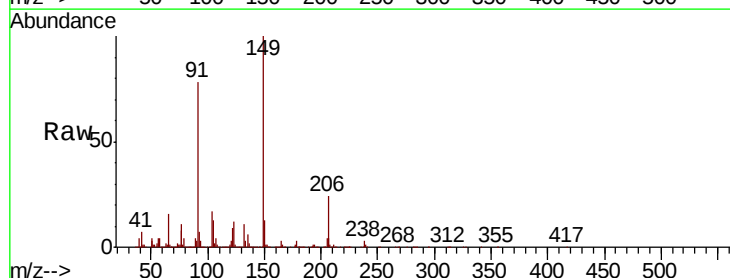
Tgt Ion:149 Resp: 782885

Ion Ratio Lower Upper

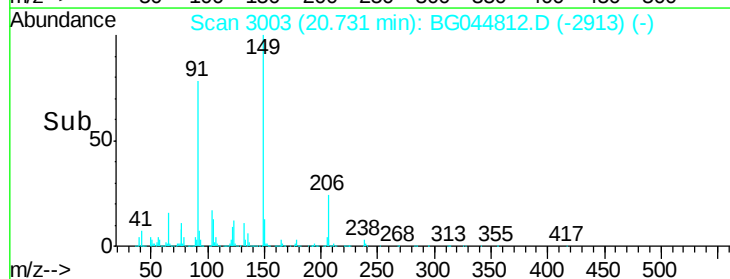
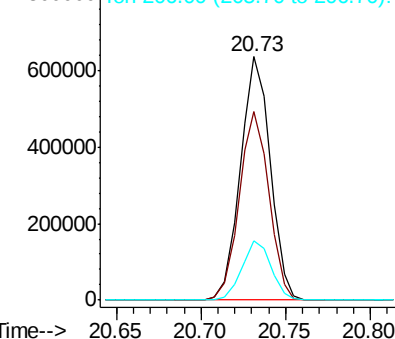
149 100

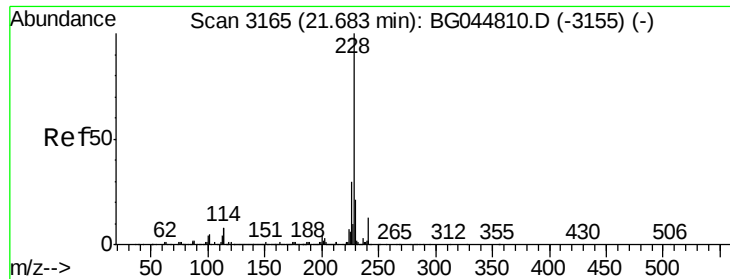
91 77.6 60.2 90.4

206 24.2 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.547 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

ClientSampled :

PB127559BS

Tot Ion:228 Resp: 1760699

Ion Ratio Lower Upper

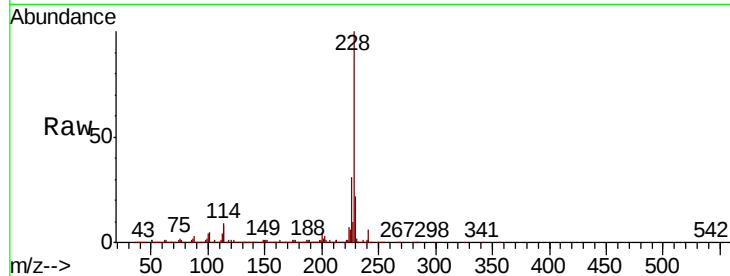
228 100

226 30.6 23.6 35.4

229 22.5 17.1 25.7

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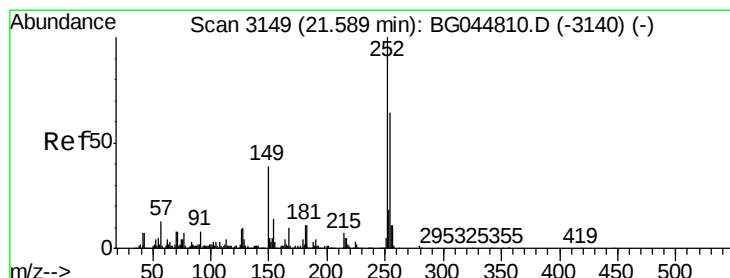
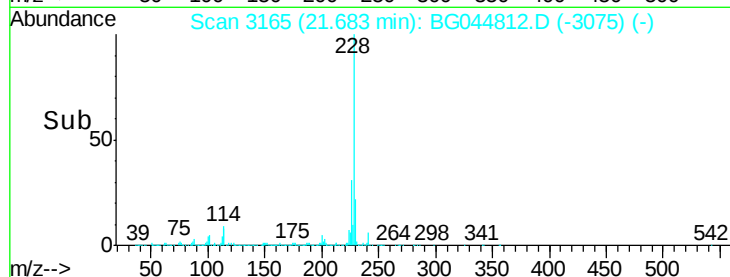
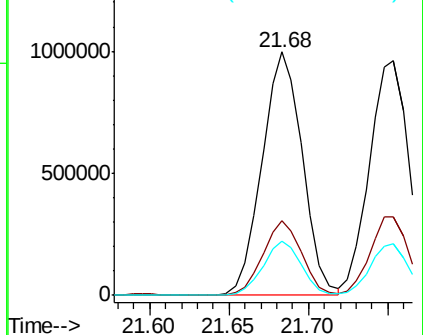
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.328 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

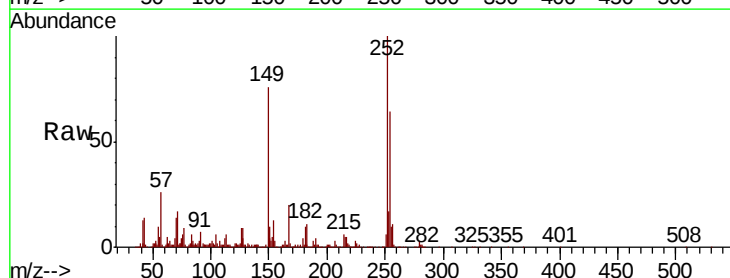
Tgt Ion:252 Resp: 543077

Ion Ratio Lower Upper

252 100

254 63.9 51.6 77.4

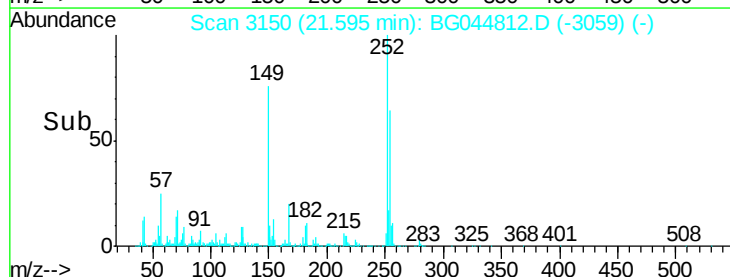
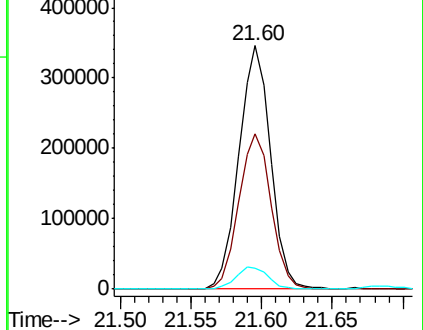
126 8.7 7.0 10.6

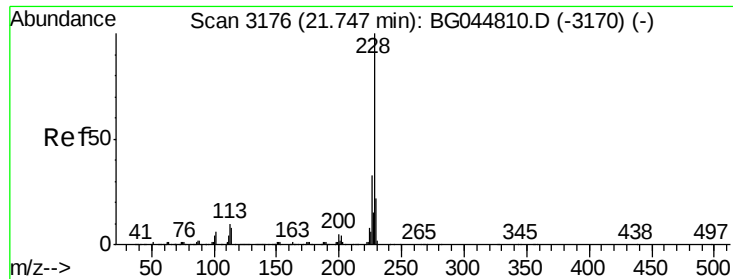


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





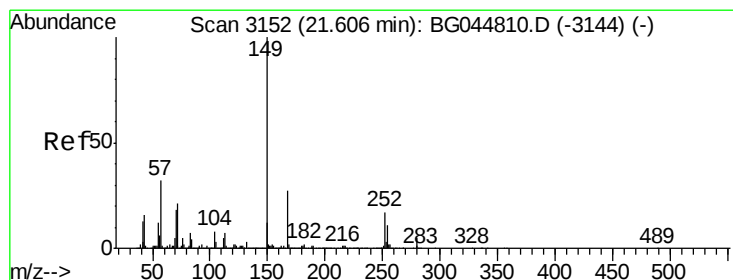
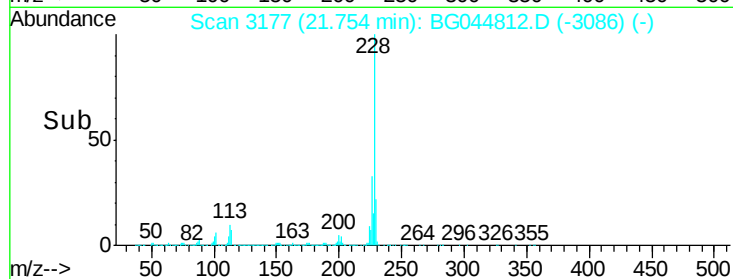
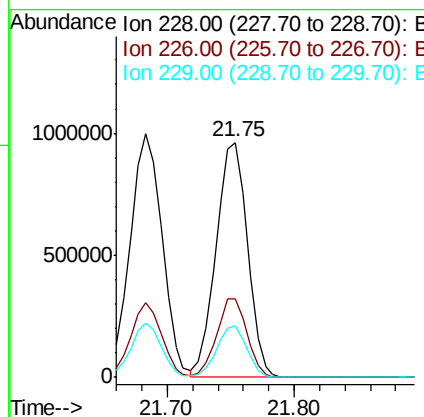
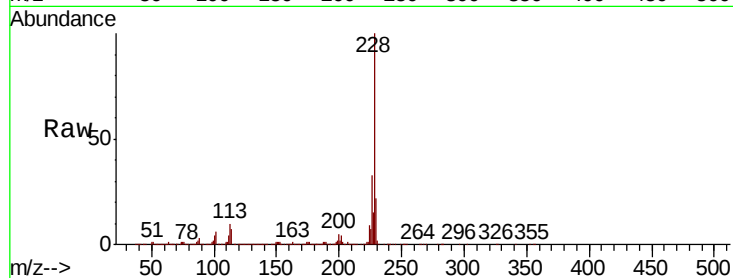
#83
Chrysene
Concen: 39.986 ng
RT: 21.75 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.9	38.9
229	22.2	17.4	26.0

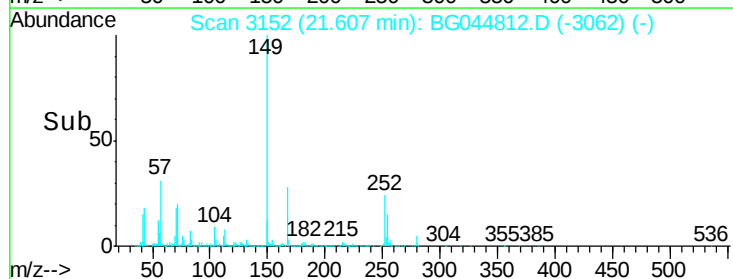
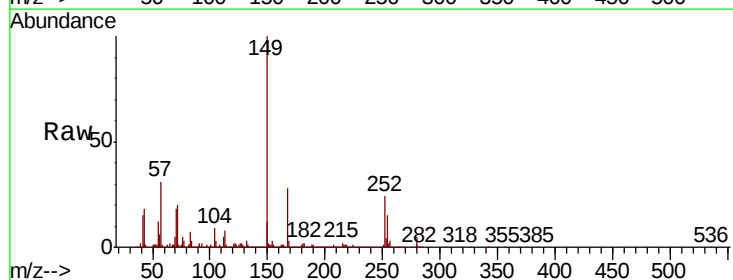
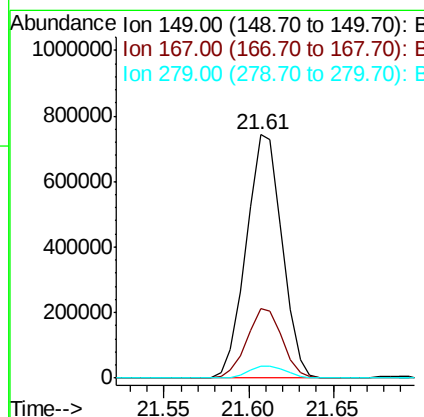
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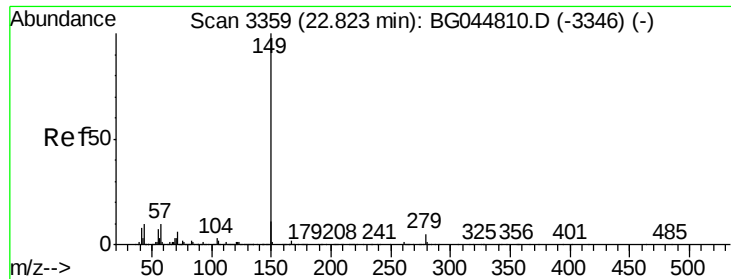
mohammad
3/18/2020 8:44:09 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.464 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.6
279	5.1	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 41.277 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Instrument :

BNA_G

ClientSampleId :

PB127559BS

Tot Ion:149 Resp: 1876350

Ion Ratio Lower Upper

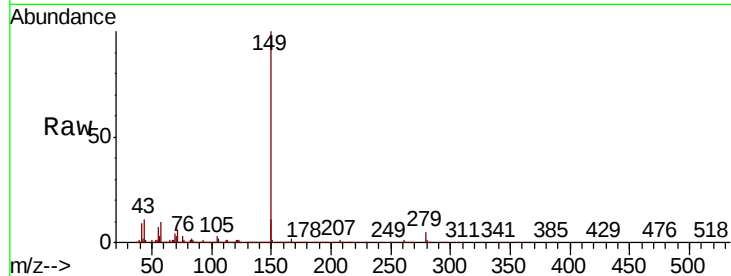
149 100

167 1.8 1.4 2.0

43 10.3 8.2 12.4

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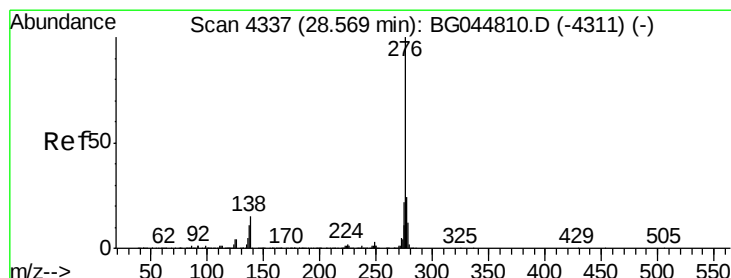
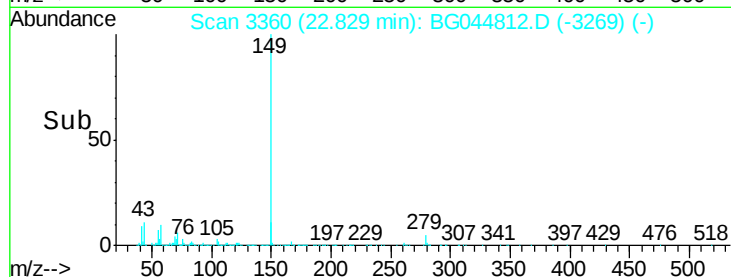
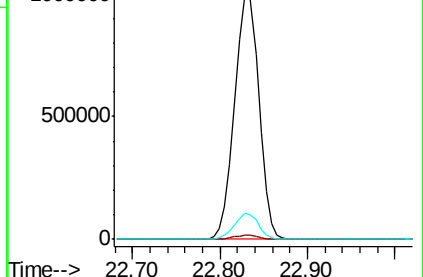
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.324 ng

RT: 28.58 min Scan# 4339

Delta R.T. 0.01 min

Lab File: BG044812.D

Acq: 16 Mar 2020 14:21

Tgt Ion:276 Resp: 2192853

Ion Ratio Lower Upper

276 100

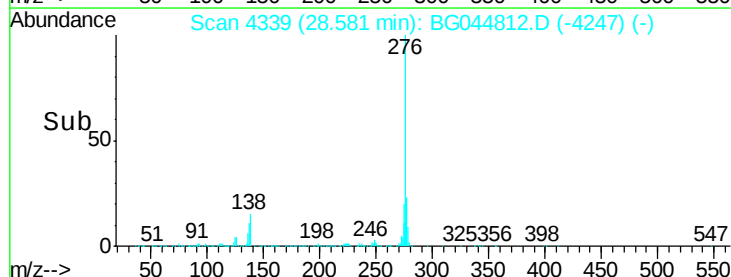
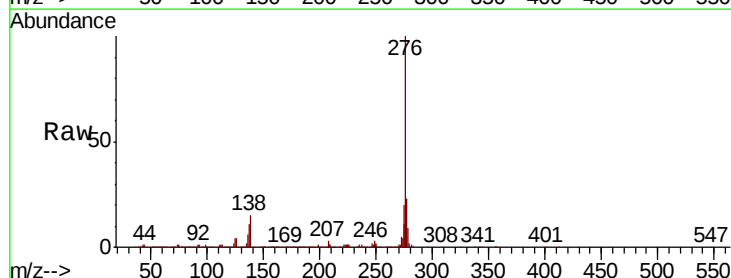
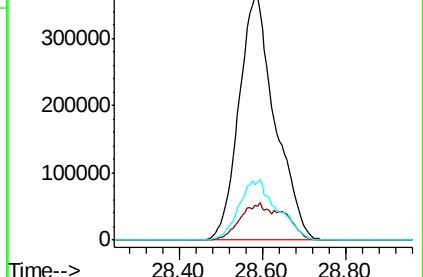
138 12.0 7.4 11.0#

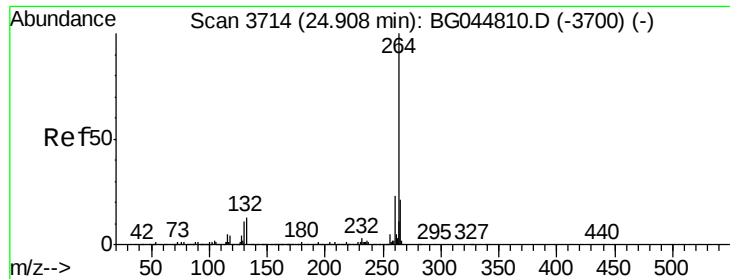
277 26.2 20.8 31.2

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





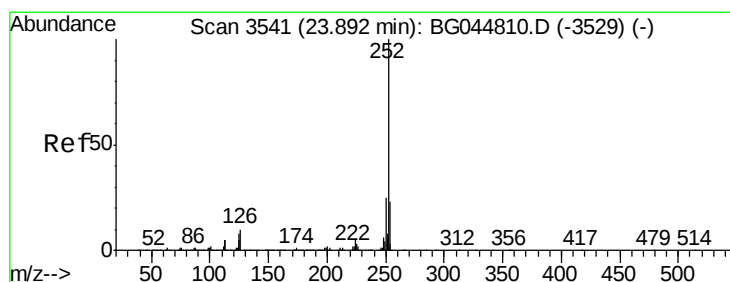
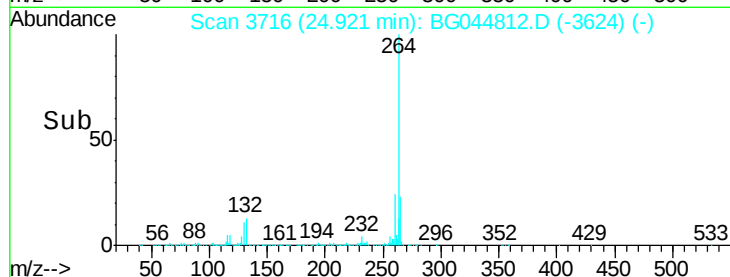
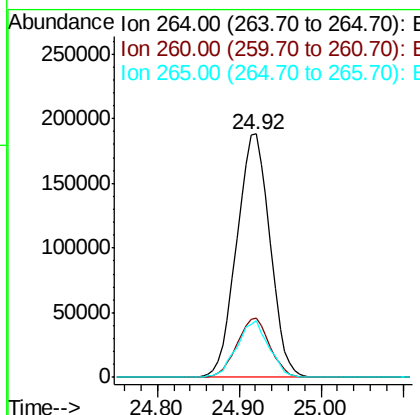
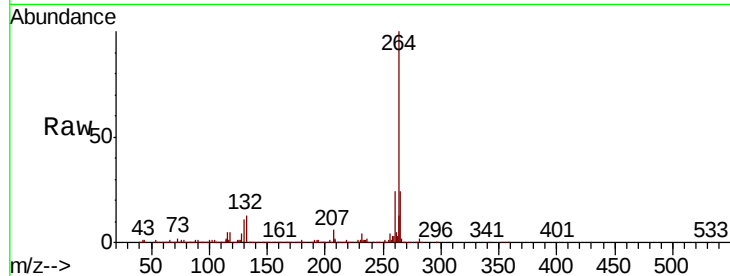
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.1	27.1
265	23.5	17.1	25.7

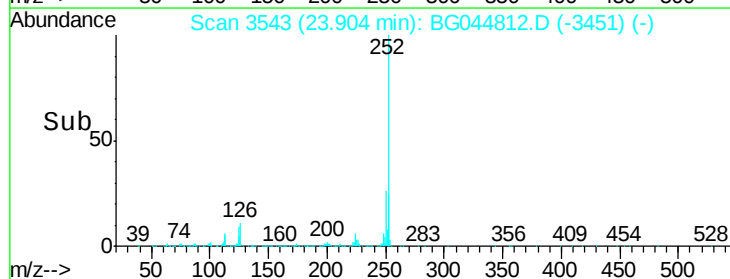
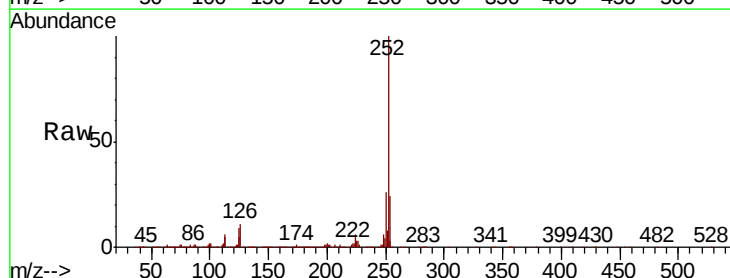
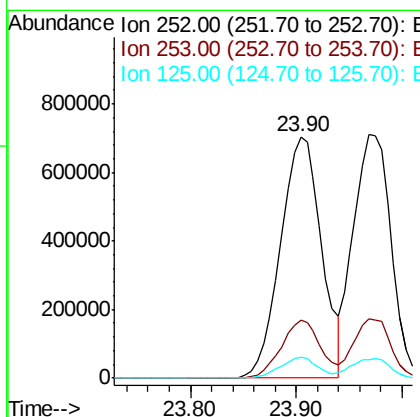
Manual Integrations
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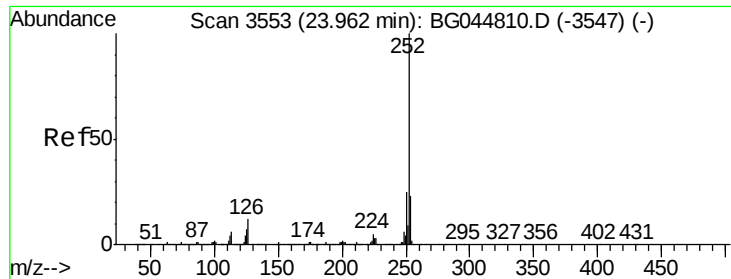
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.843 ng
RT: 23.90 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	8.5	6.6	9.8





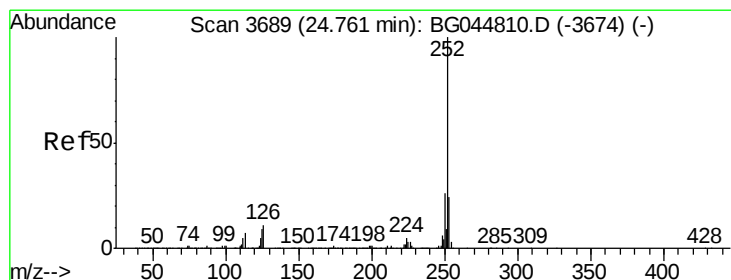
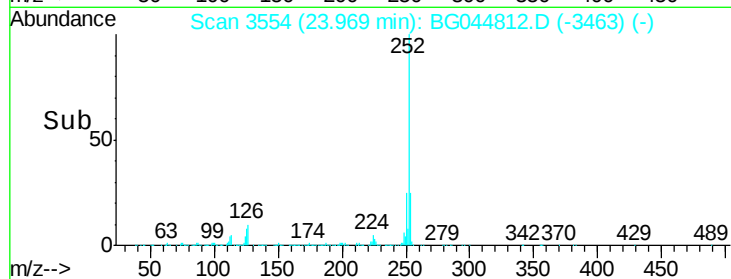
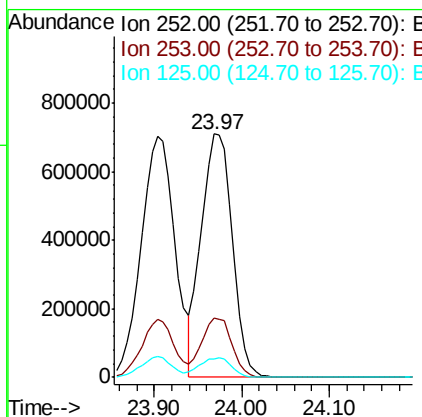
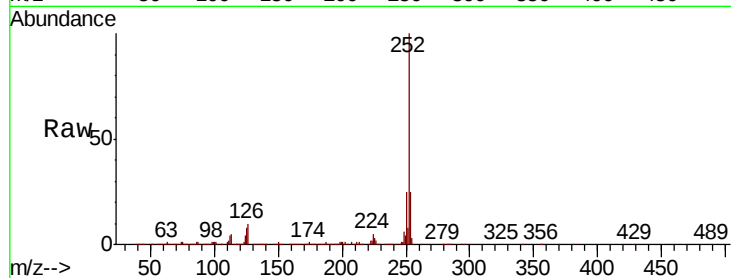
#89
Benzo(k)fluoranthene
Concen: 52.787 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	7.8	6.2	9.2

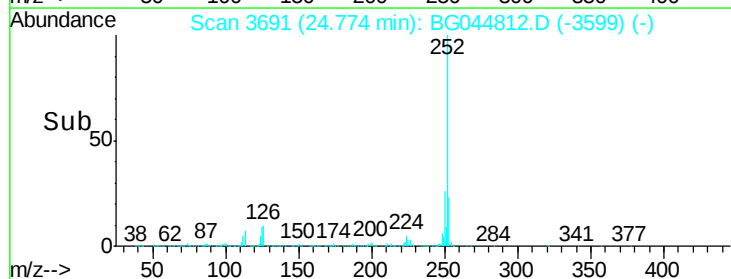
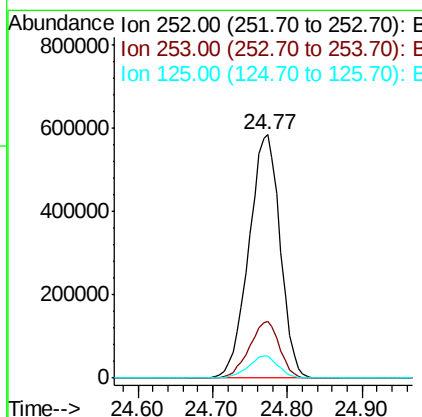
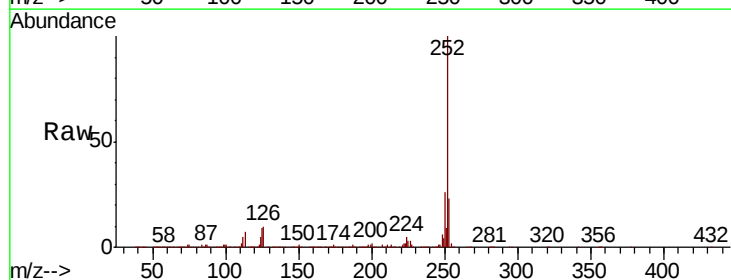
Manual Integrations
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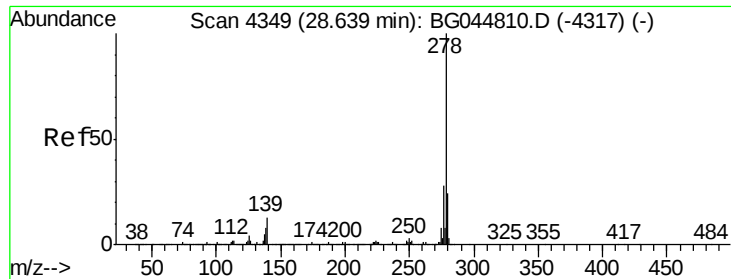
mohammad
3/18/2020 8:44:09 AM



#90
Benzo(a)pyrene
Concen: 51.487 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.0
125	9.0	7.2	10.8





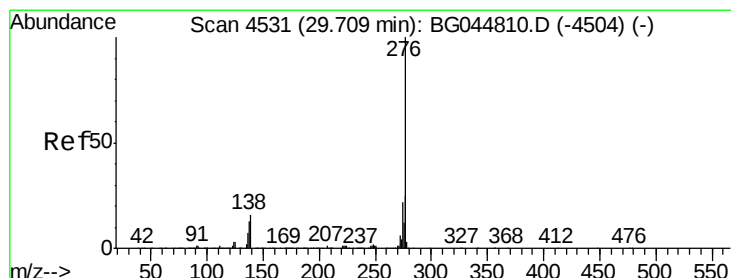
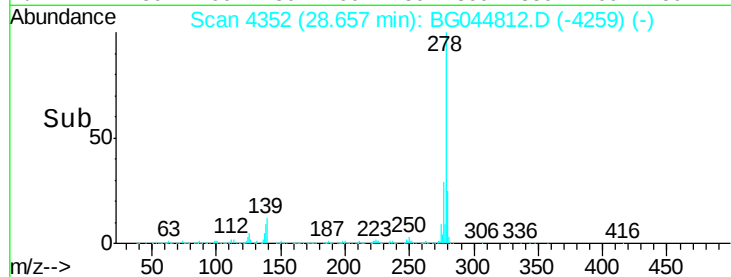
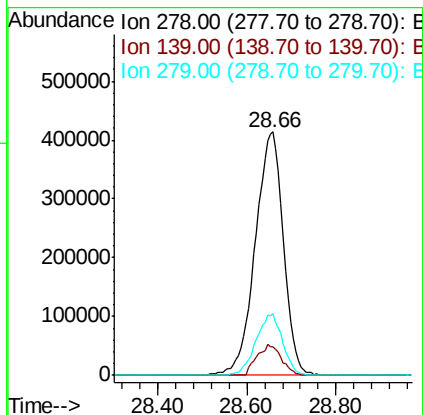
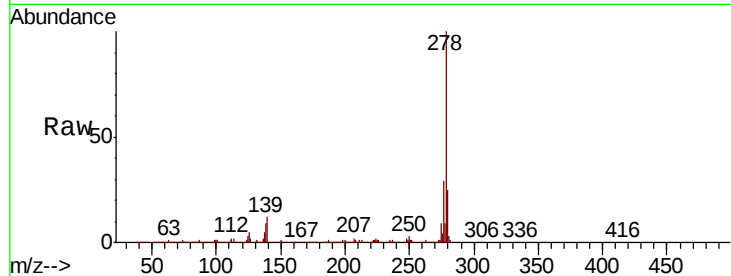
#91
Dibenzo(a,h)anthracene
Concen: 55.363 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.02 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Instrument :
BNA_G
ClientSampleId :
PB127559BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.6	10.2	15.2
279	25.2	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:09 AM



#92
Benzo(g,h,i)perylene
Concen: 55.925 ng
RT: 29.72 min Scan# 4532
Delta R.T. 0.01 min
Lab File: BG044812.D
Acq: 16 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.1	30.1
138	16.8	13.0	19.6

