

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043031.D
 Acq On : 4 Oct 2019 17:00
 Operator : JU
 Sample : PB123594BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Manual Integrations
 APPROVED

mohammad
 10/9/2019 8:31:43 AM

Quant Time: Oct 05 06:03:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	77276	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	300947	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	211330	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	498251	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	557181	20.00	ng	-0.02
87) Perylene-d12	24.92	264	562735	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	495049	114.33	ng	-0.01
7) Phenol-d6	7.24	99	671683	107.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	398748	64.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	405302	111.53	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	986289	67.66	ng	-0.02
79) Terphenyl-d14	20.03	244	1796989	68.72	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.54	88	65711	36.398 ng	96
3) Pyridine	3.94	79	159254	31.363 ng	93
4) n-Nitrosodimethylamine	3.85	42	92286	37.794 ng	# 78
6) Aniline	7.39	93	260785	34.646 ng	99
8) 2-Chlorophenol	7.63	128	209435	46.379 ng	99
9) Benzaldehyde	7.20	77	106687	27.999 ng	93
10) Phenol	7.26	94	262933	45.959 ng	95
11) bis(2-Chloroethyl)ether	7.48	93	179864	40.634 ng	96
12) 1,3-Dichlorobenzene	7.95	146	226650	39.345 ng	98
13) 1,4-Dichlorobenzene	8.10	146	230282	40.100 ng	99
14) 1,2-Dichlorobenzene	8.42	146	219137	40.082 ng	96
15) Benzyl Alcohol	8.30	79	203254	43.355 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	283761	33.380 ng	96
17) 2-Methylphenol	8.51	107	180705	45.142 ng	97
18) Hexachloroethane	9.15	117	84564	39.100 ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	161617	39.472 ng	95
20) 3+4-Methylphenols	8.84	107	249197	45.426 ng	98
22) Acetophenone	8.88	105	313932	40.468 ng	# 95
24) Nitrobenzene	9.26	77	244256	41.358 ng	97
25) Isophorone	9.79	82	449233	41.305 ng	99
26) 2-Nitrophenol	9.98	139	118856	47.275 ng	92
27) 2,4-Dimethylphenol	10.04	122	196678	50.939 ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	251439	40.748 ng	98
29) 2,4-Dichlorophenol	10.52	162	227415	47.359 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	253493	40.879 ng	96
31) Naphthalene	10.92	128	624157	42.131 ng	98
32) Benzoic acid	10.19	122	134824	45.386 ng	95
33) 4-Chloroaniline	11.02	127	210771	32.787 ng	97
34) Hexachlorobutadiene	11.20	225	176242	37.958 ng	98
35) Caprolactam	11.80	113	70921m	41.881 ng	
36) 4-Chloro-3-methylphenol	12.14	107	239804	45.930 ng	95
37) 2-Methylnaphthalene	12.51	142	479878	42.461 ng	97
38) 1-Methylnaphthalene	12.73	142	446323	41.736 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	315155	39.663 ng	99

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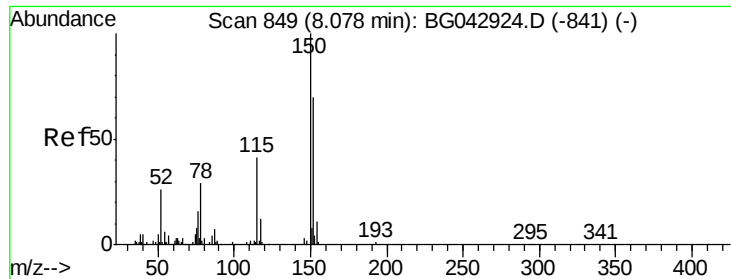
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	406876	80.367	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	208243	44.776	nq	95
44) 2,4,5-Trichlorophenol	13.20	196	228018	47.593	nq	98
46) 1,1'-Biphenyl	13.52	154	645775	40.295	nq	99
47) 2-Chloronaphthalene	13.56	162	500012	41.614	nq	99
48) 2-Nitroaniline	13.76	65	167422	41.900	nq	95
49) Acenaphthylene	14.41	152	797926	43.399	nq	100
50) Dimethylphthalate	14.14	163	666108	42.068	nq	98
51) 2,6-Dinitrotoluene	14.25	165	151831	45.027	nq	95
52) Acenaphthene	14.75	154	482430	39.202	nq	99
53) 3-Nitroaniline	14.59	138	121559	34.883	nq	94
54) 2,4-Dinitrophenol	14.79	184	189272	90.303	nq	97
55) Dibenzofuran	15.08	168	768061	42.190	nq	97
56) 4-Nitrophenol	14.91	139	242829	91.455	nq	98
57) 2,4-Dinitrotoluene	15.04	165	217161	43.978	nq	93
58) Fluorene	15.73	166	654471	42.109	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223667	43.846	nq	99
60) Diethylphthalate	15.50	149	653853	40.575	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	387731	41.596	nq	98
62) 4-Nitroaniline	15.75	138	155553	40.929	nq	96
63) Azobenzene	16.01	77	586455	39.973	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134579	47.733	nq	95
66) n-Nitrosodiphenylamine	15.93	169	589383	44.809	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	266935	42.685	nq	97
68) Hexachlorobenzene	16.73	284	290669	41.745	nq	96
69) Atrazine	16.88	200	223723	40.392	nq	98
70) Pentachlorophenol	17.08	266	379606	94.482	nq	99
71) Phenanthrene	17.47	178	1030395	42.360	nq	99
72) Anthracene	17.56	178	1048803	43.189	nq	98
73) Carbazole	17.83	167	968927	43.027	nq	99
74) Di-n-butylphthalate	18.38	149	1118702	41.637	nq	98
75) Fluoranthene	19.48	202	1353101	42.056	nq	100
77) Benzidine	19.65	184	392573	28.139	nq	99
78) Pyrene	19.83	202	1381744	41.549	nq	98
80) Butylbenzylphthalate	20.72	149	534425	42.337	nq	96
81) Benzo(a)anthracene	21.67	228	1417238	40.822	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	555010	40.760	nq	100
83) Chrysene	21.74	228	1392232	41.324	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	763949	42.532	nq	99
85) Di-n-octyl phthalate	22.80	149	1292945	44.020	nq	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1825306	43.520	nq	99
88) Benzo(b)fluoranthene	23.89	252	1551960	48.741	nq	100
89) Benzo(k)fluoranthene	23.96	252	1480426	46.998	nq	100
90) Benzo(a)pyrene	24.76	252	1492421	49.680	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1550386	50.330	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1532047	51.330	nq	98

(#) = 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. -0.02 min

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Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

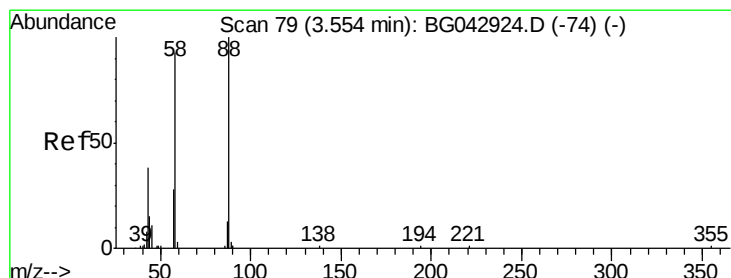
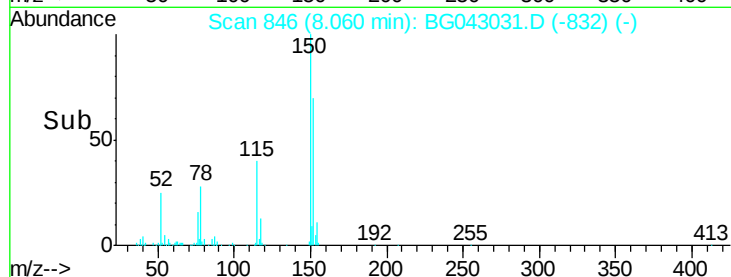
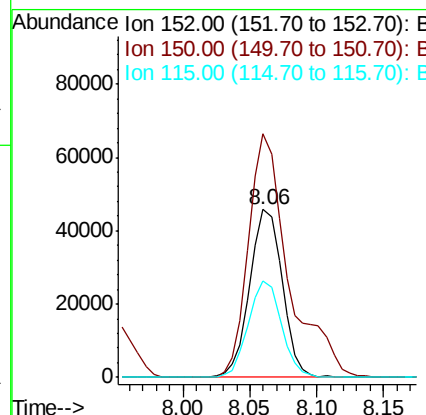
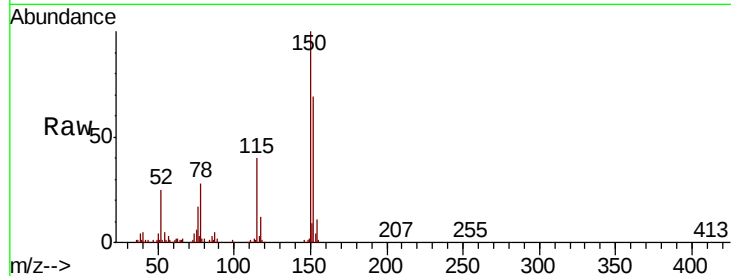
ClientSampleId :

PB123594BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	115.0	172.4
115	57.5	47.0	70.6

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#2

1,4-Dioxane

Concen: 36.398 ng

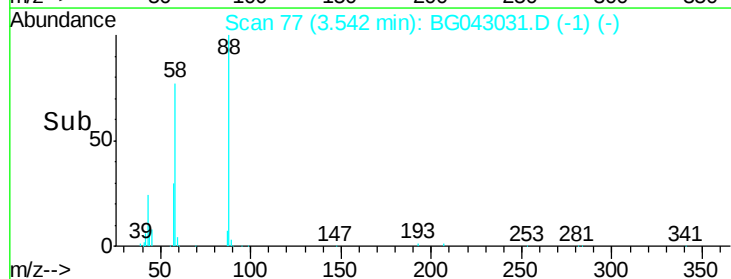
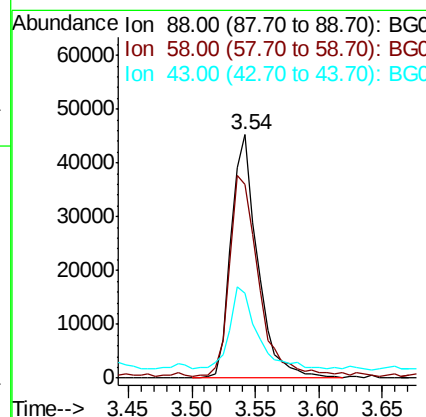
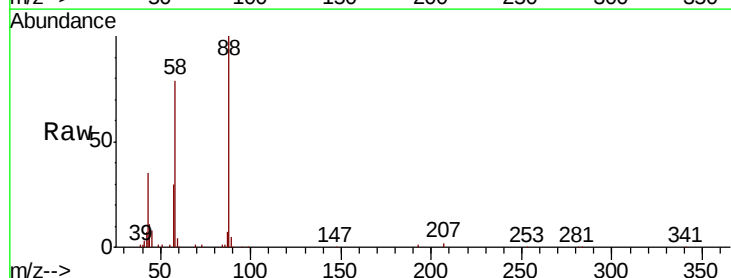
RT: 3.54 min Scan# 77

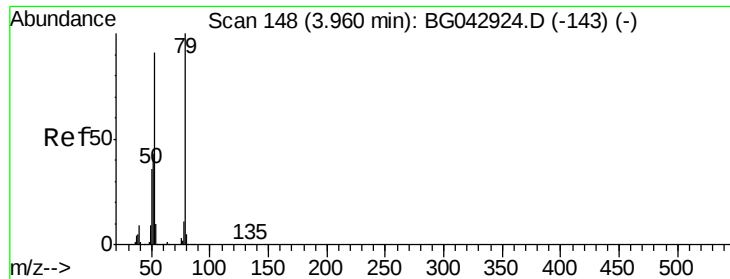
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	74.3	111.5
43	35.3	29.8	44.8





#3

Pvridine

Concen: 31.363 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

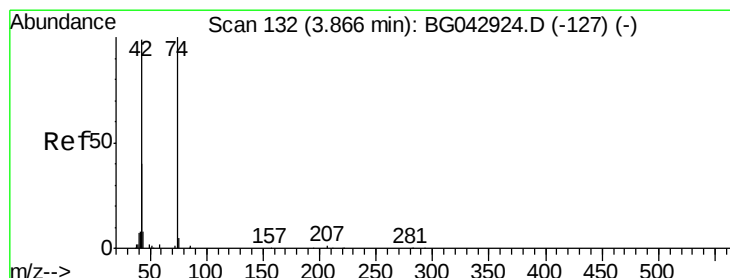
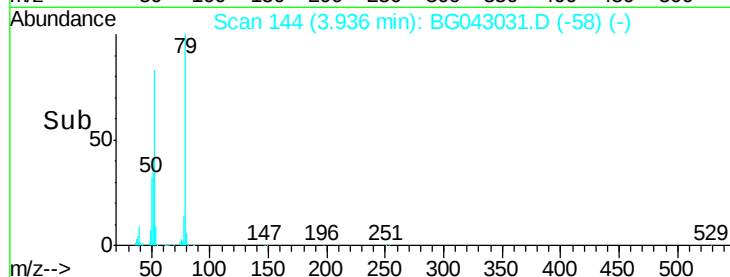
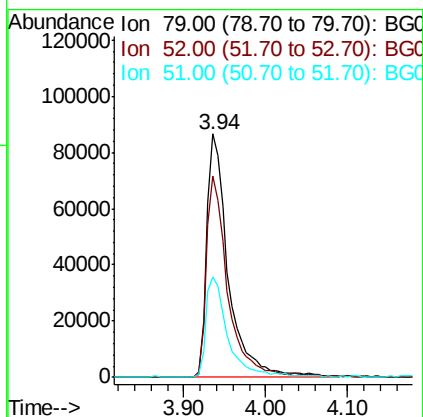
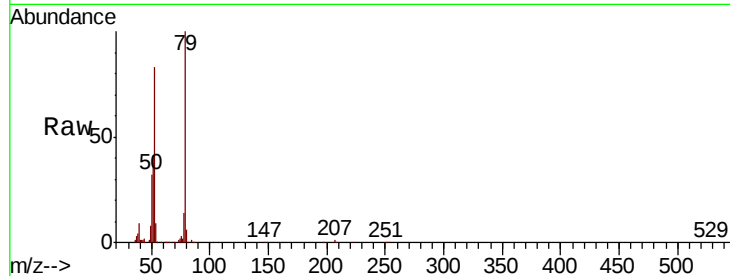
ClientSampleId :

PB123594BS

Tot Ion:	79	Resp:	159254
Ion Ratio	Lower	Upper	
79	100		
52	82.6	73.0	109.4
51	41.4	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 37.794 ng

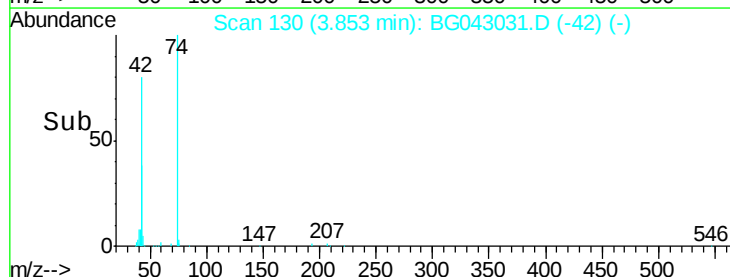
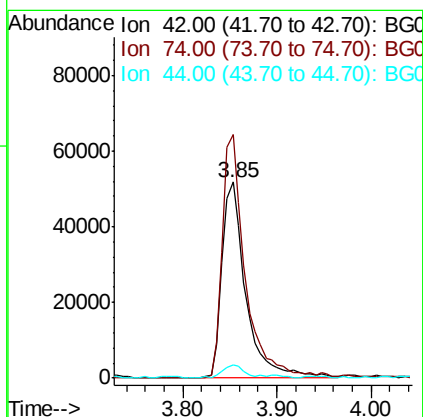
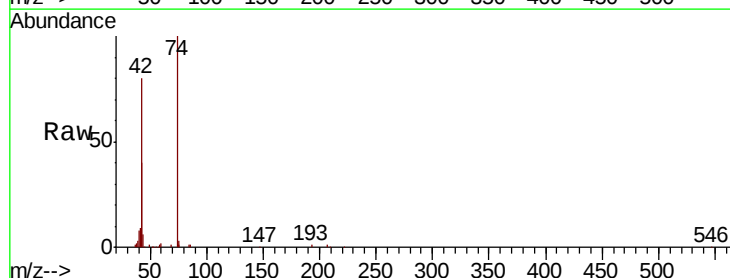
RT: 3.85 min Scan# 130

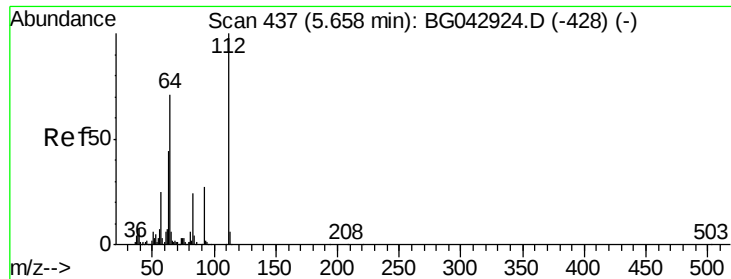
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	42	Resp:	92286
Ion Ratio	Lower	Upper	
42	100		
74	124.4	80.5	120.7#
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 114.327 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

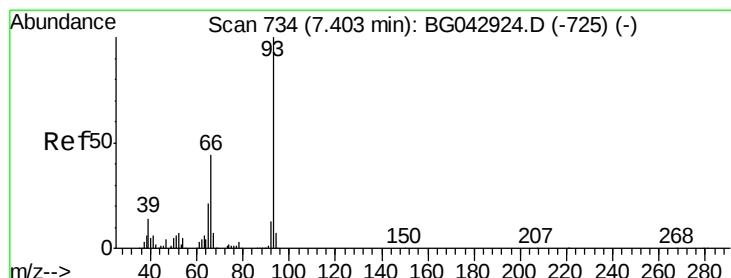
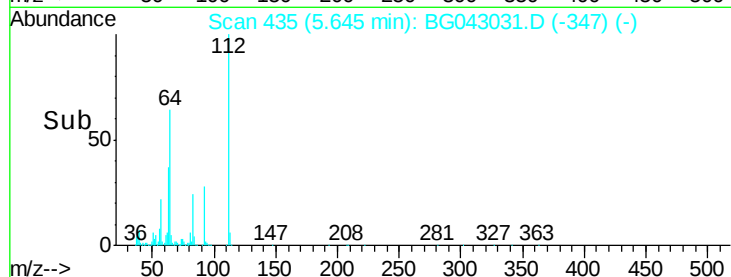
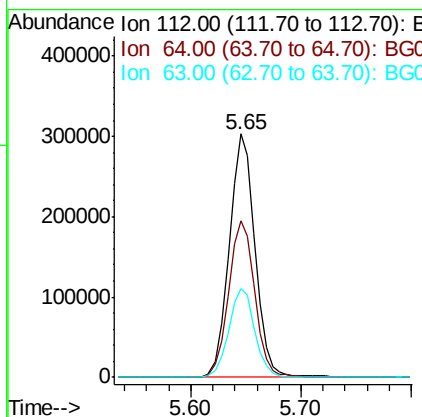
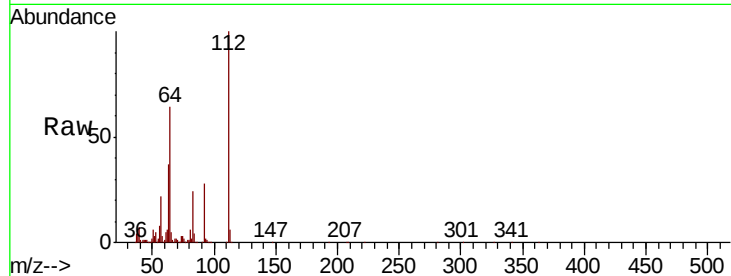
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Tot Ion:	112	Resp:	495049
Ion Ratio	Lower	Upper	
112	100		
64	64.3	56.6	84.8
63	36.6	35.1	52.7

Manual Integrations
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#6

Aniline

Concen: 34.646 ng

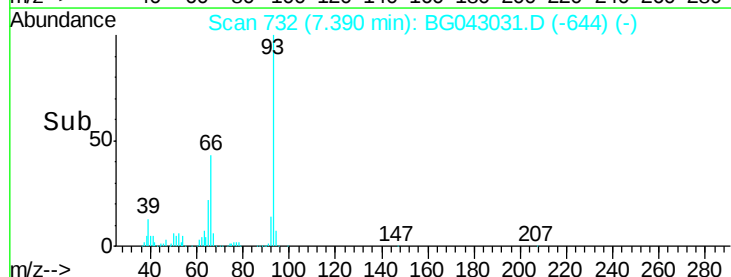
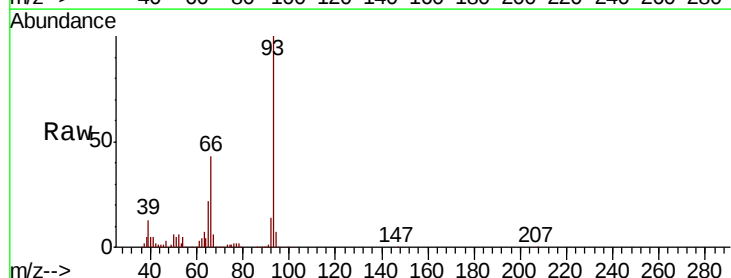
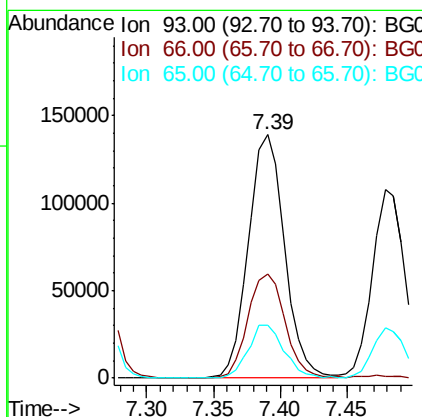
RT: 7.39 min Scan# 732

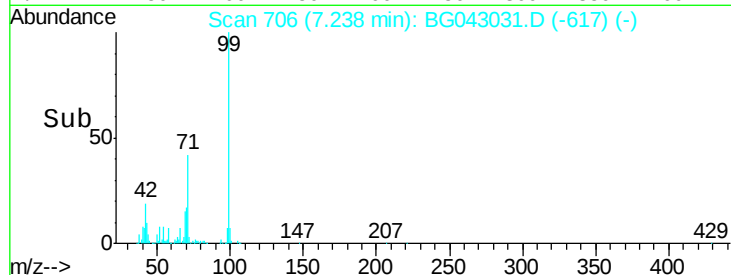
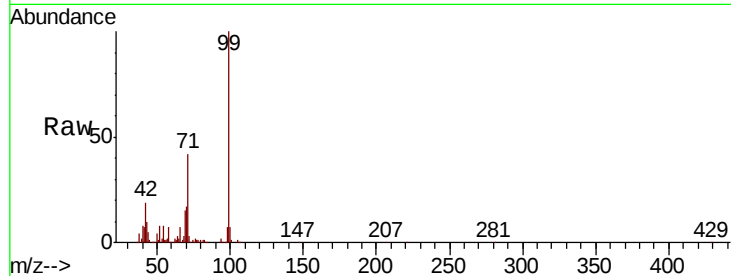
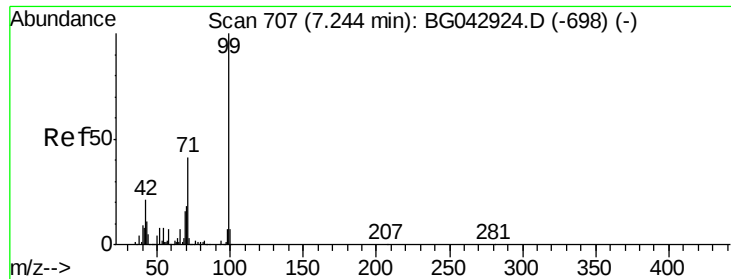
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	93	Resp:	260785
Ion Ratio	Lower	Upper	
93	100		
66	42.5	35.0	52.6
65	22.0	17.4	26.0





#7

Phenol-d6

Concen: 107.717 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tot Ion:	99	Resp:	671683
Ion Ratio	Lower	Upper	
99	100		
42	18.9	17.2	25.8
71	41.9	33.1	49.7

Instrument :

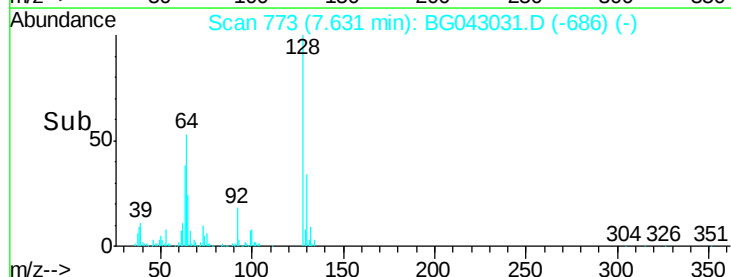
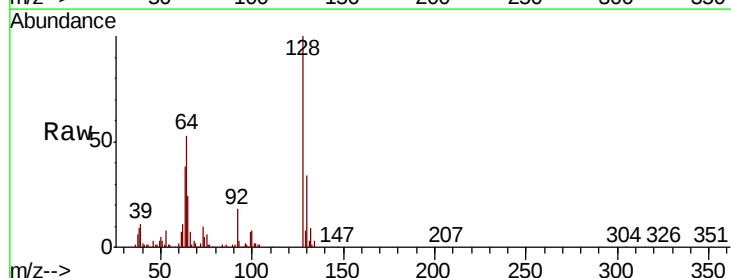
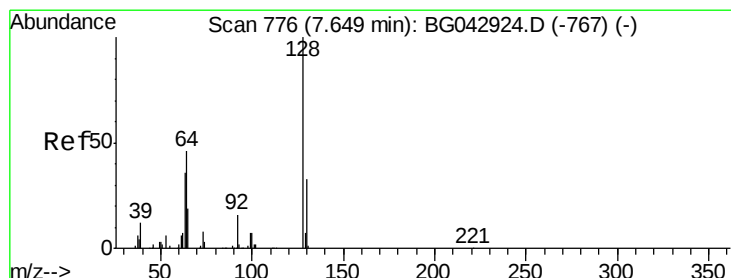
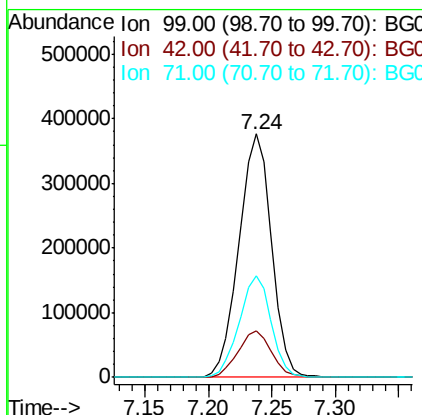
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#8

2-Chlorophenol

Concen: 46.379 ng

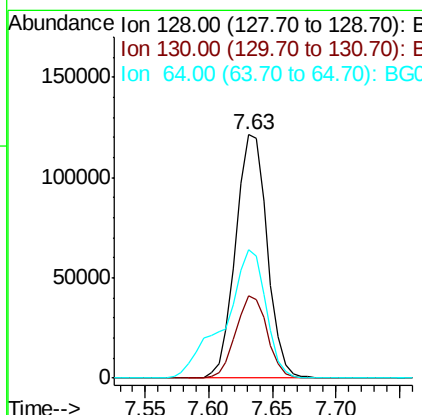
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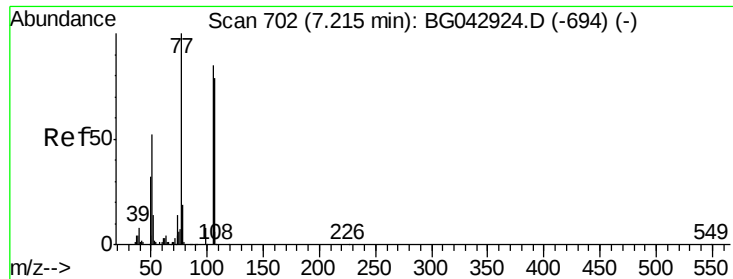
Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	128	Resp:	209435
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.5	52.5
64	52.7	32.8	72.8





#9

Benzaldehyde

Concen: 27.999 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

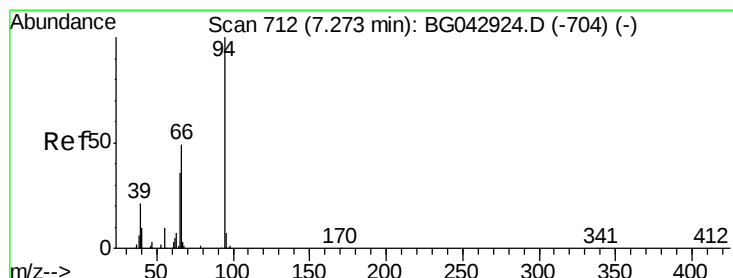
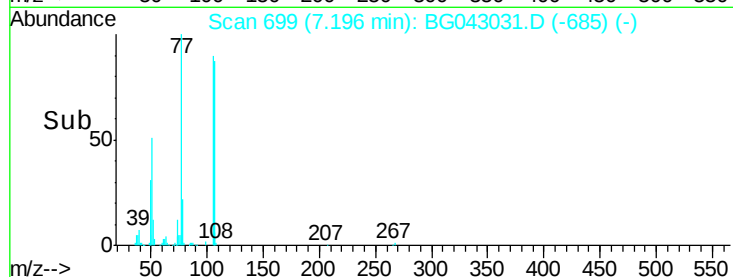
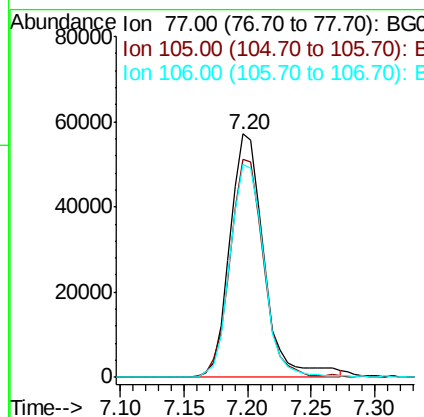
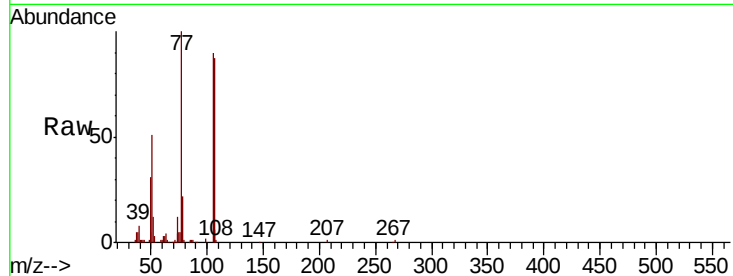
ClientSampleId :

PB123594BS

Tot Ion:	77	Resp:	106687
Ion Ratio	Lower	Upper	
77	100		
105	89.6	64.6	104.6
106	87.3	59.4	99.4

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#10

Phenol

Concen: 45.959 ng

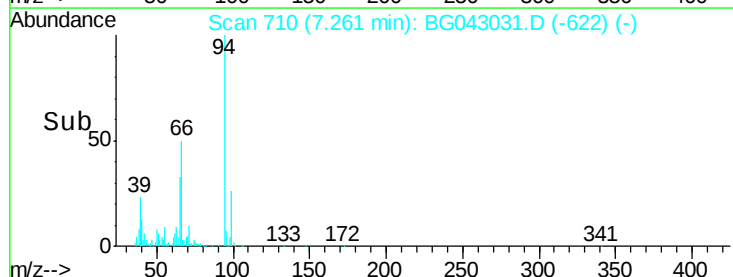
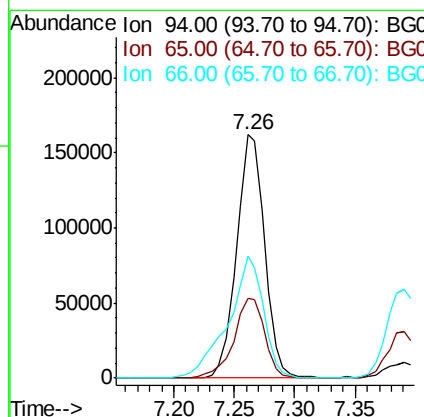
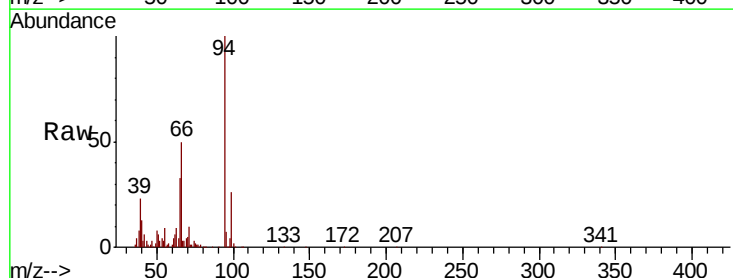
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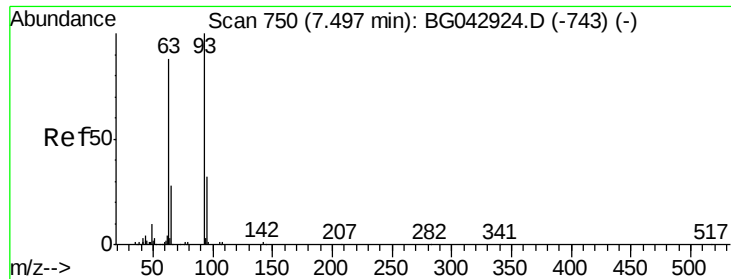
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	94	Resp:	262933
Ion Ratio	Lower	Upper	
94	100		
65	32.9	16.6	56.6
66	49.9	32.4	72.4





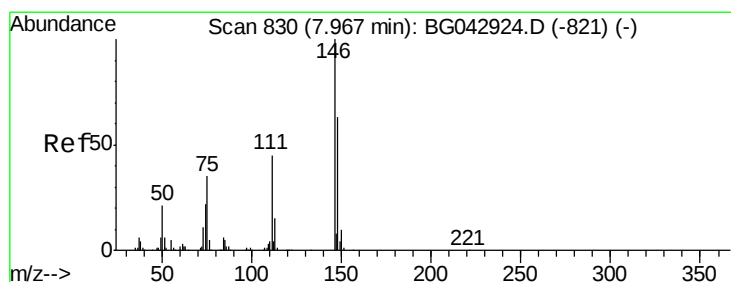
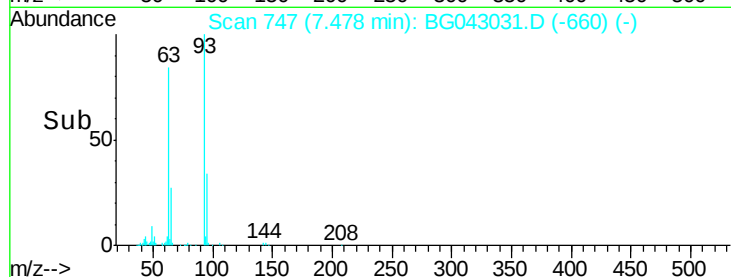
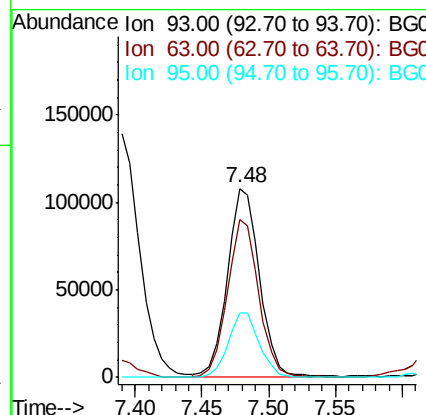
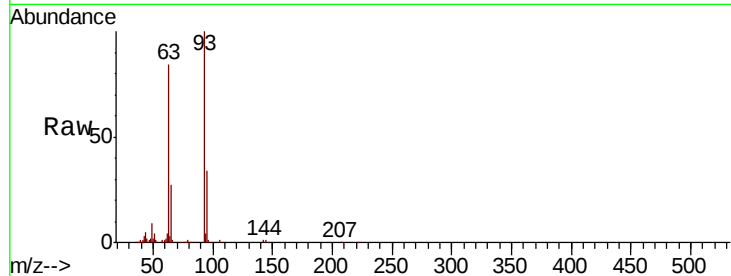
#11
bis(2-Chloroethyl)ether
Concen: 40.634 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	67.4	107.4
95	34.4	11.9	51.9

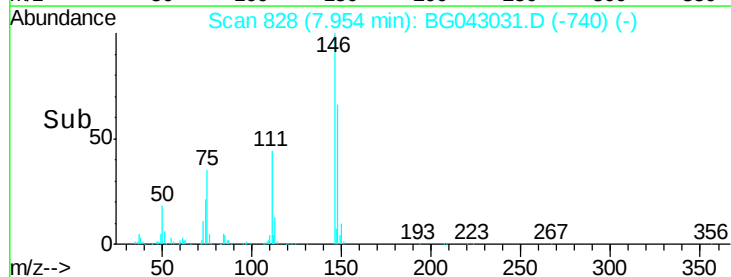
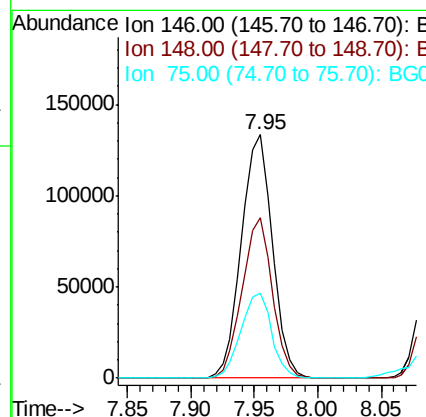
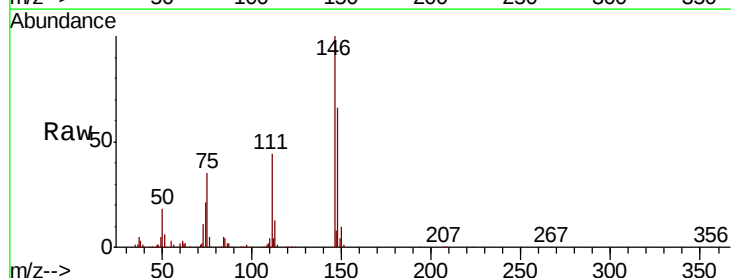
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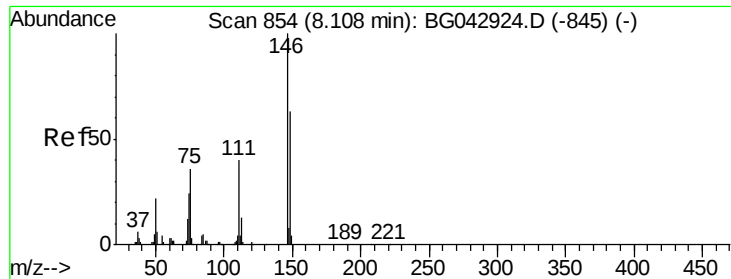
mohammad
10/9/2019 8:31:43 AM



#12
1,3-Dichlorobenzene
Concen: 39.345 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.7	76.1
75	34.7	27.7	41.5





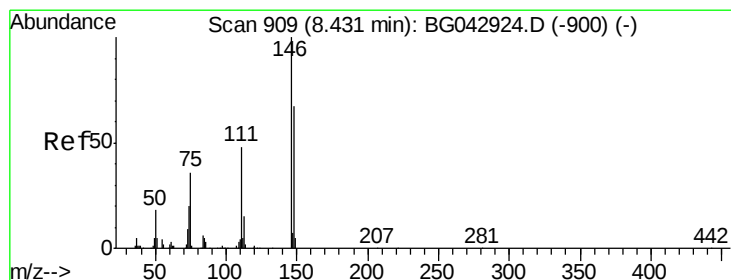
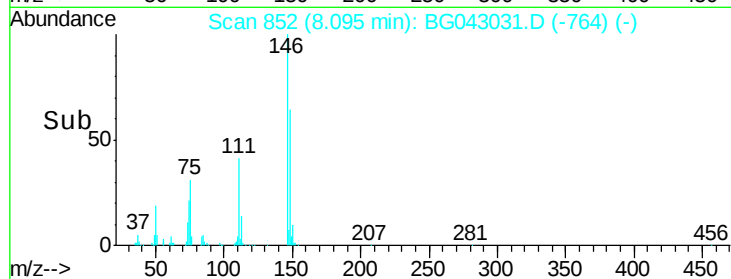
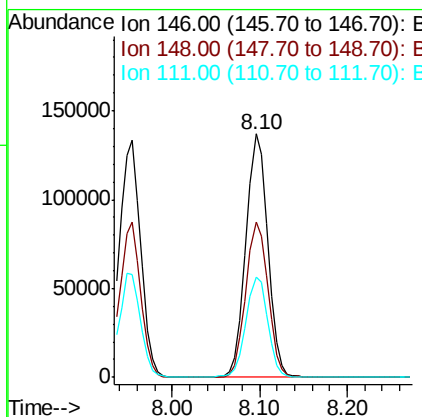
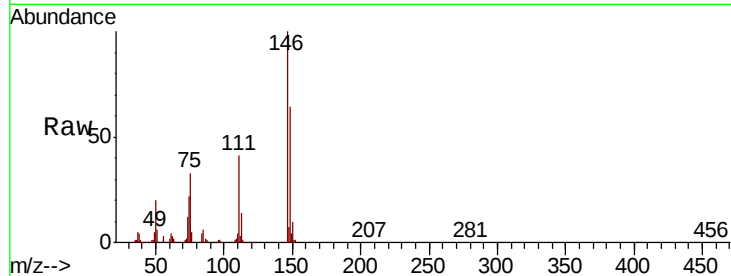
#13
1,4-Dichlorobenzene
Concen: 40.100 ng
RT: 8.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
111	40.9	31.8	47.8

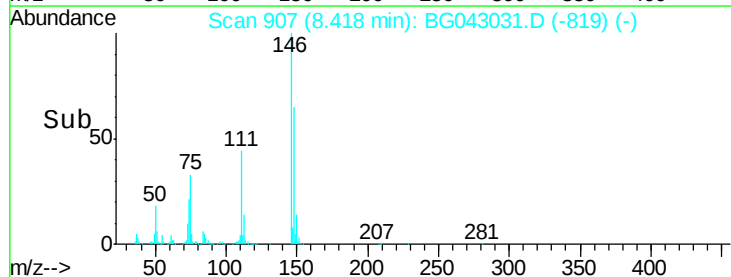
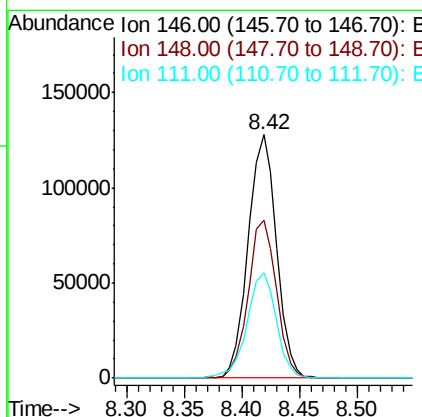
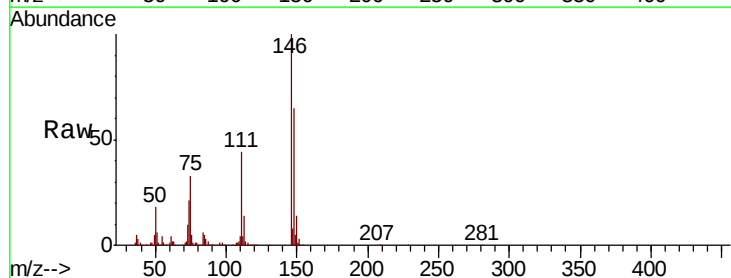
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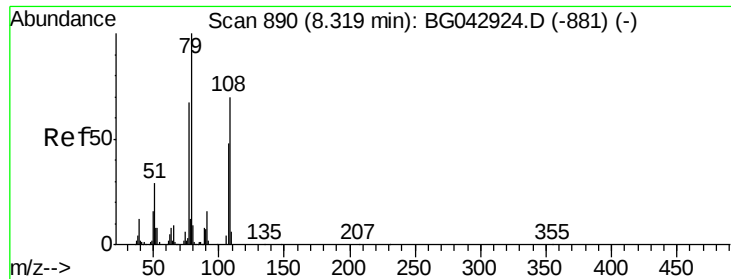
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.082 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.2
111	43.5	38.5	57.7





#15

Benzyl Alcohol

Concen: 43.355 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

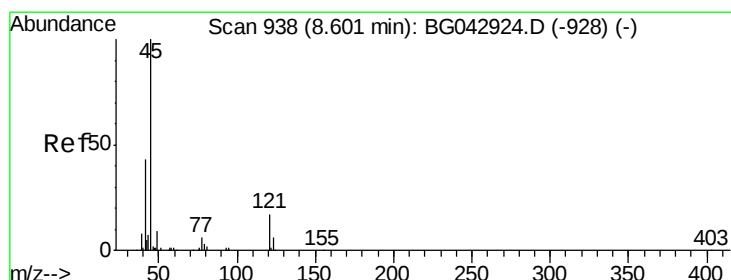
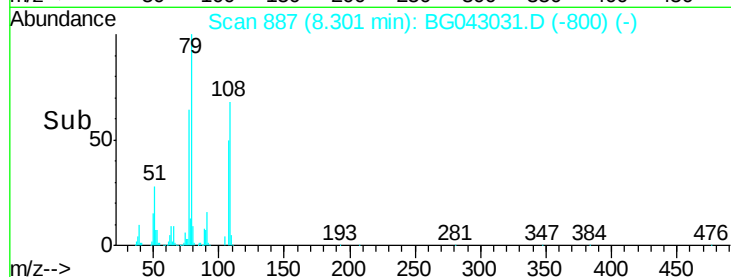
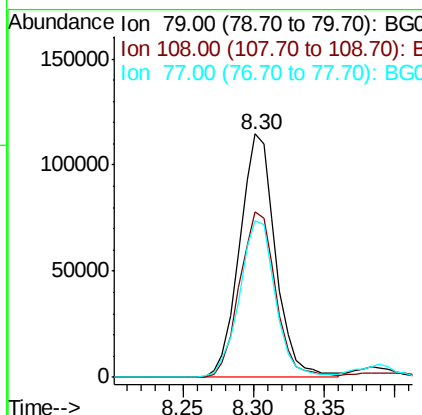
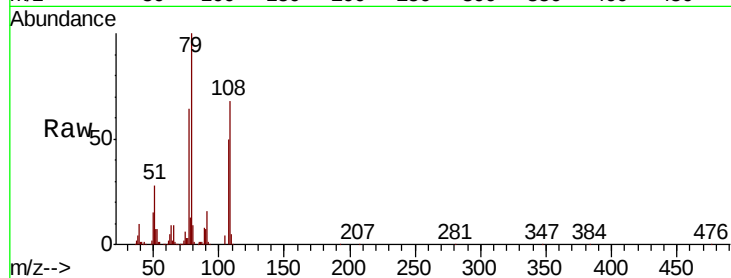
ClientSampleId :

PB123594BS

Tot Ion	79	Resp	203254
Ion Ratio	Lower	Upper	
79	100		
108	67.9	55.7	83.5
77	64.3	53.3	79.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.380 ng

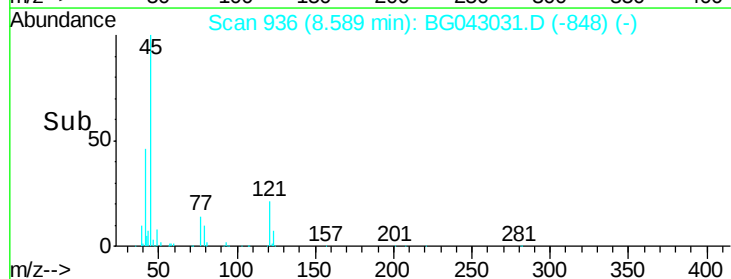
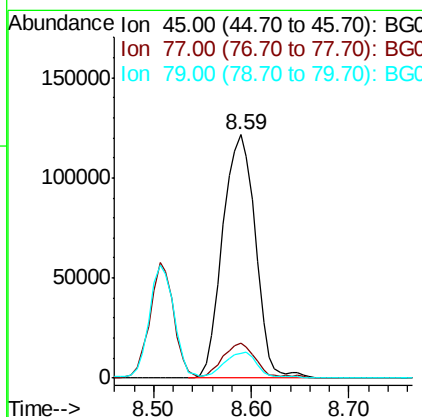
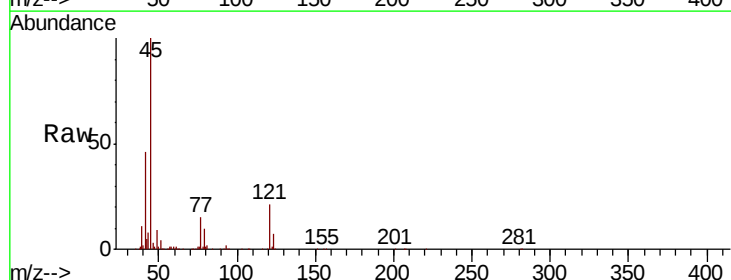
RT: 8.59 min Scan# 936

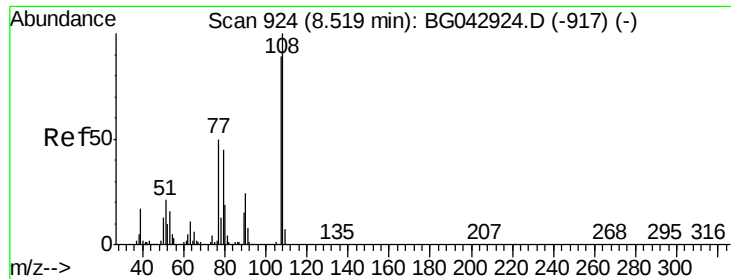
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion	45	Resp	283761
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	32.8
79	10.3	0.0	29.4





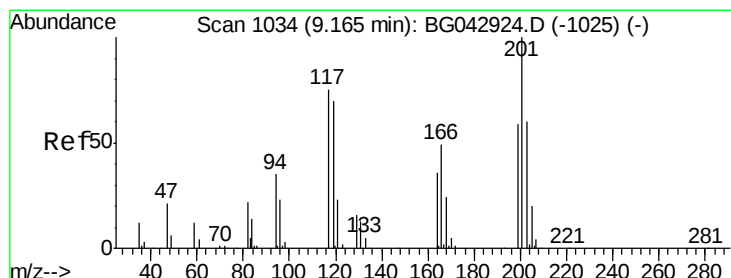
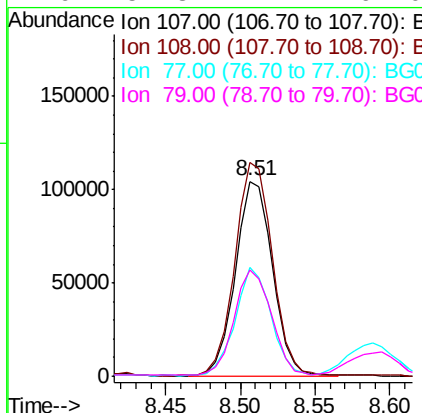
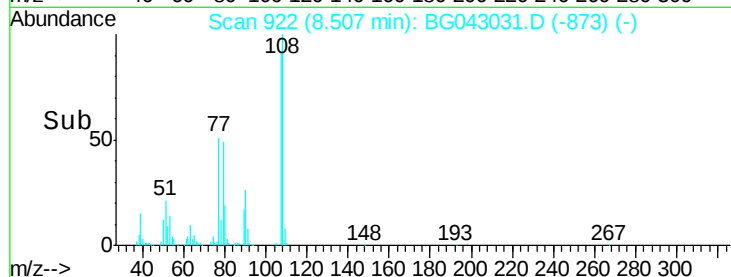
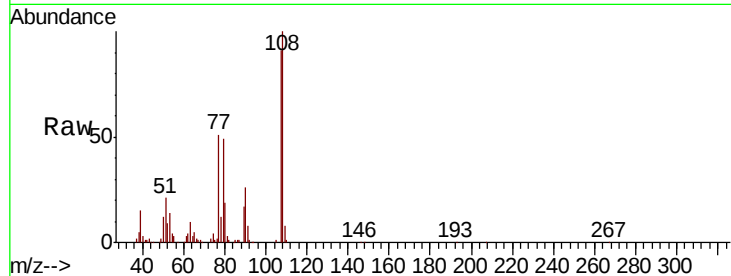
#17
2-Methylphenol
Concen: 45.142 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	89.9	134.9	
77	55.6	45.4	68.2	
79	54.3	41.4	62.0	

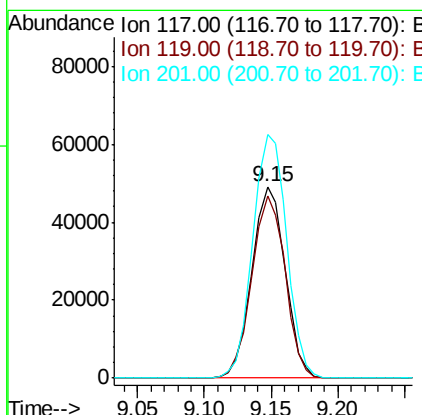
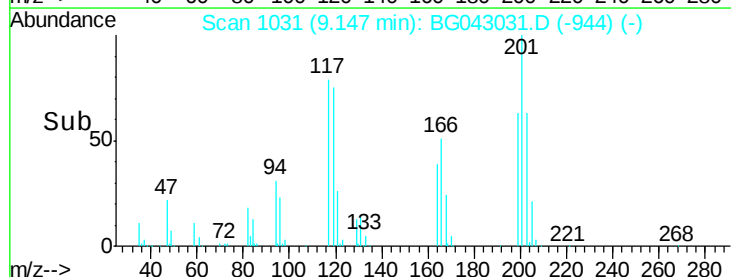
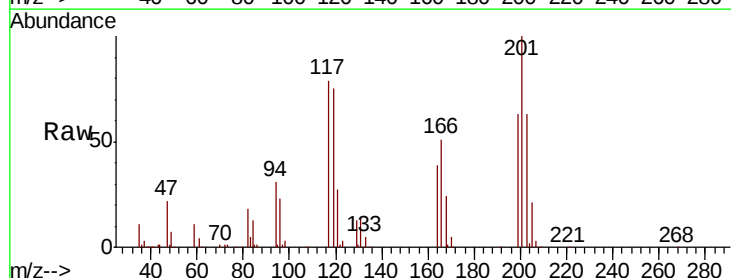
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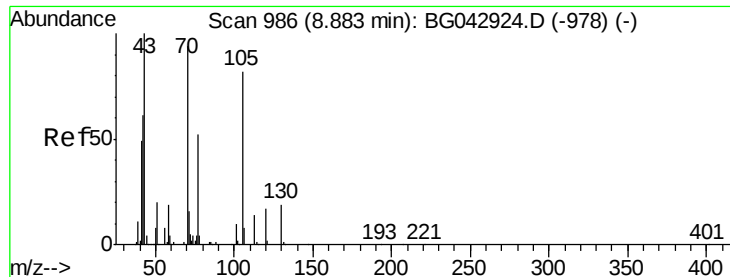
mohammad
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#18
Hexachloroethane
Concen: 39.100 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	74.6	111.8	
201	127.2	106.0	159.0	





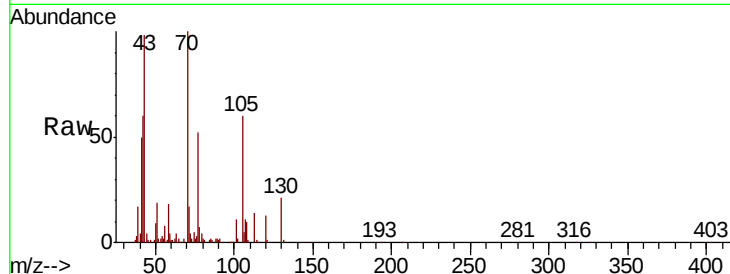
#19
n-Nitroso-di-n-propylamine
Concen: 39.472 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.3	52.6	79.0		
101	10.7	8.7	13.1		
130	21.0	15.8	23.8		

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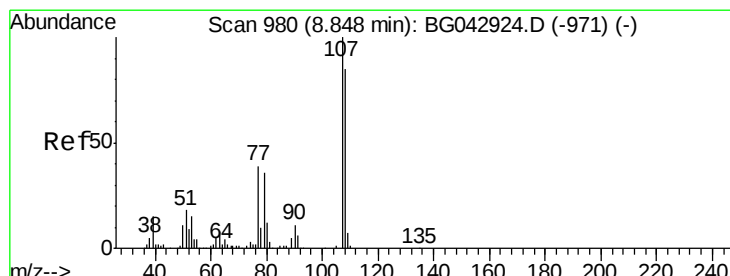
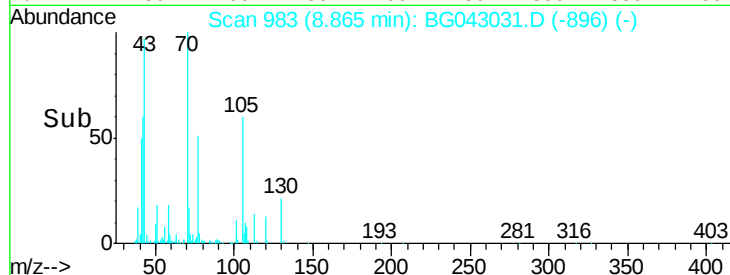
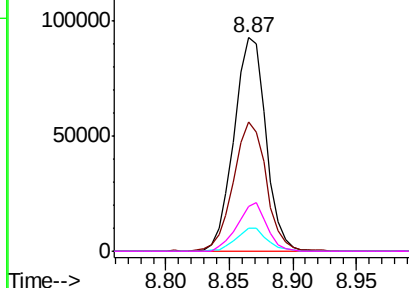
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.426 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.3	64.9	104.9		
77	37.8	19.4	59.4		
79	34.4	16.2	56.2		

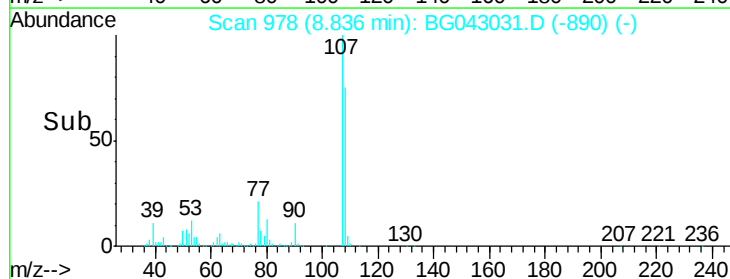
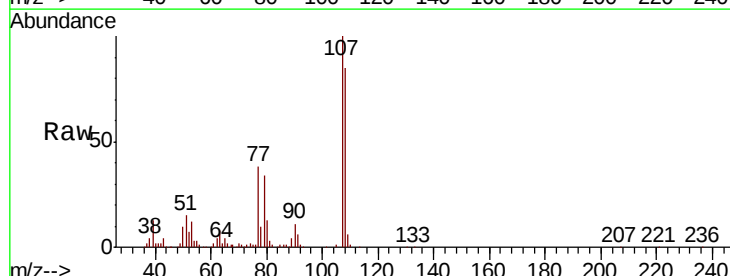
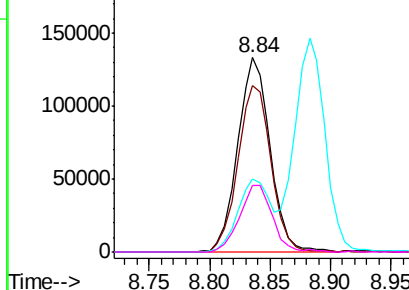
Abundance

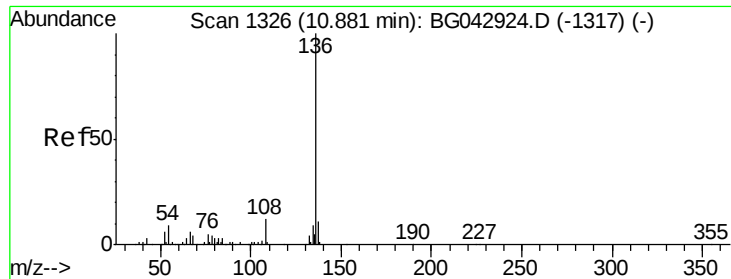
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





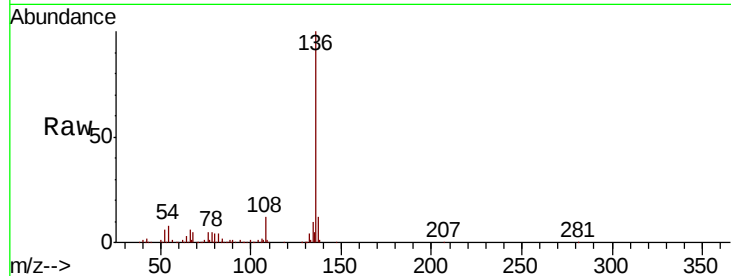
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		300947		
137	12.0		8.5	12.7	
54	8.0		7.4	11.2	
68	4.7		3.6	5.4	

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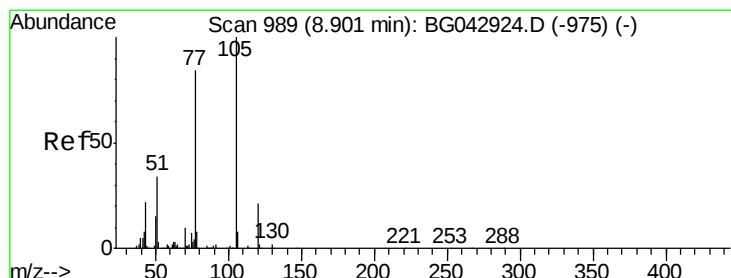
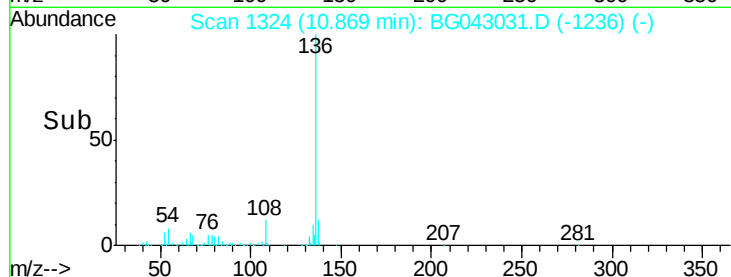
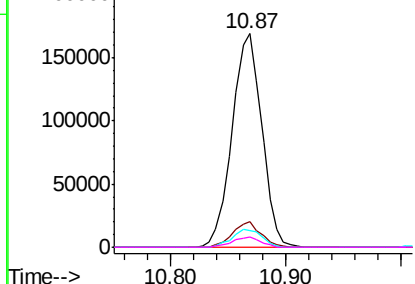
Abundance

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: 40.468 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		313932		
71	2.7		1.2	1.8#	
51	29.6		27.2	40.8	
120	21.2		16.9	25.3	

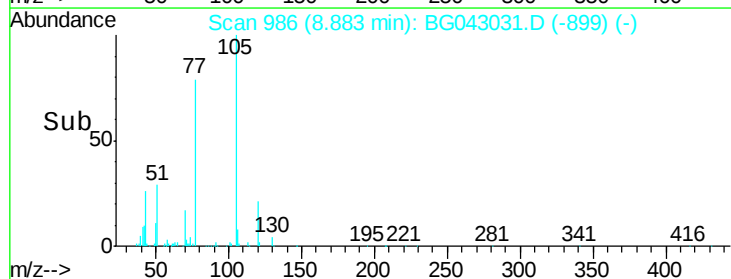
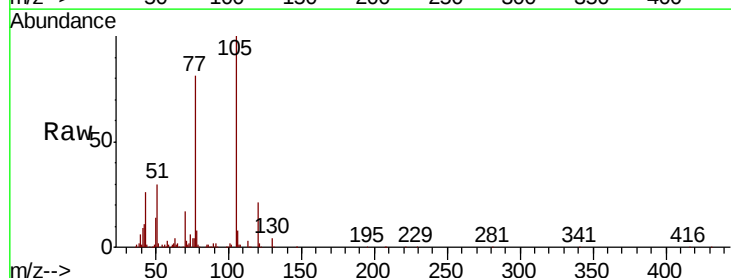
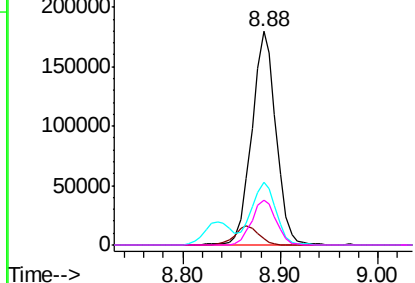
Abundance

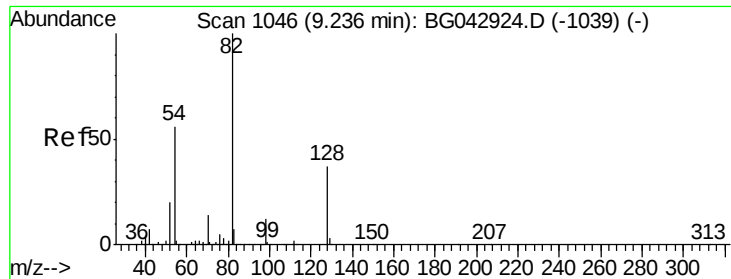
Ion 105.00 (104.70 to 105.70): E

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





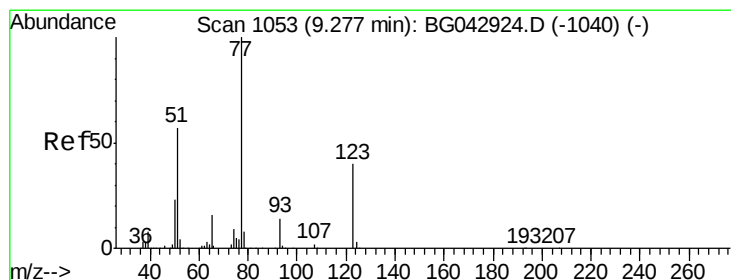
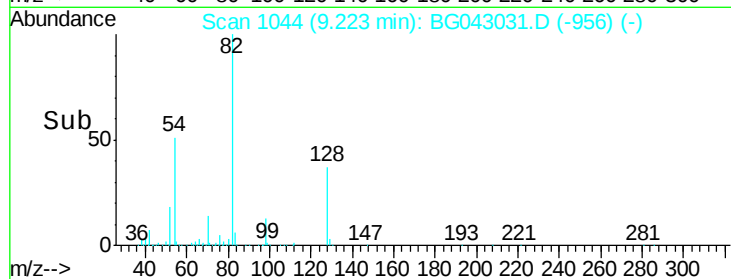
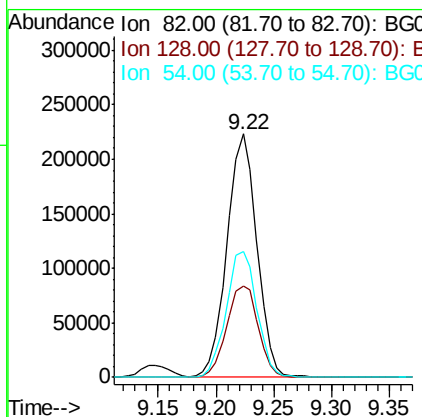
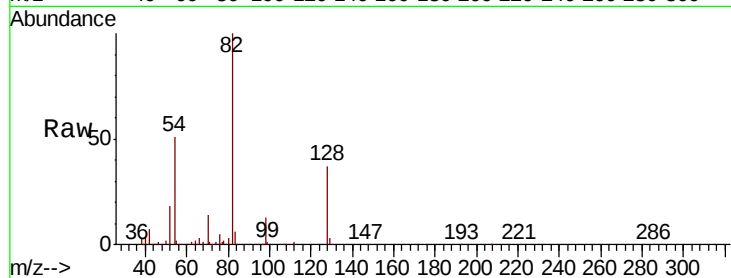
#23
Nitrobenzene-d5
Concen: 64.401 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.5	29.5	44.3	
54	51.5	44.6	67.0	

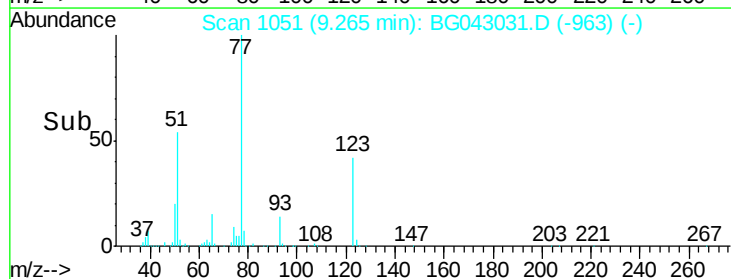
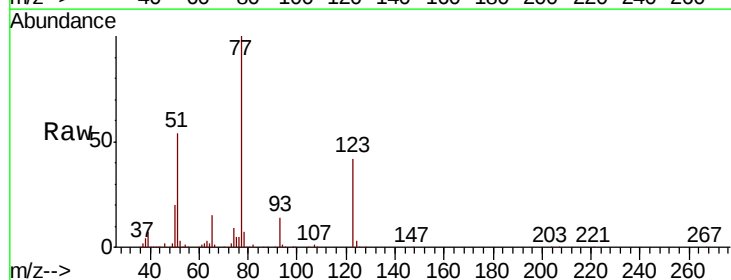
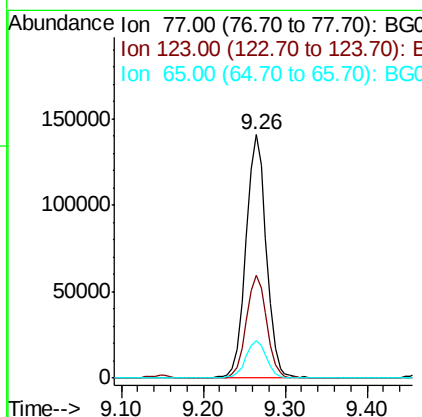
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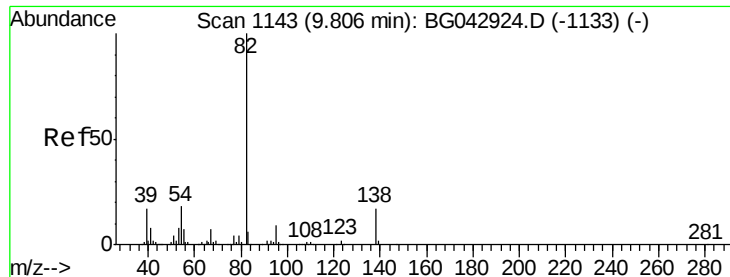
mohammad
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#24
Nitrobenzene
Concen: 41.358 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.5	31.9	47.9	
65	15.2	12.4	18.6	





#25

Isophorone

Concen: 41.305 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

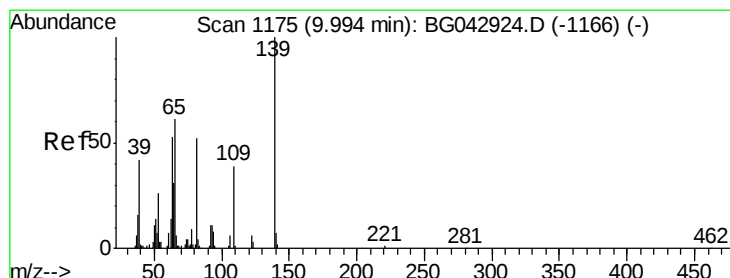
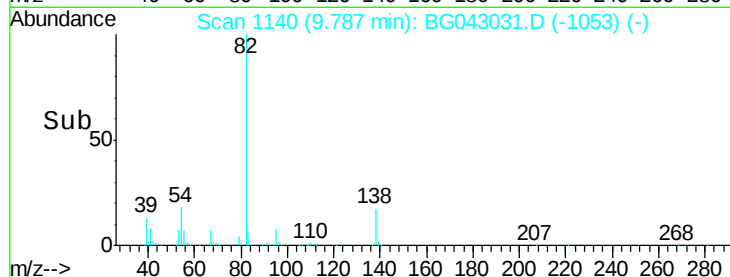
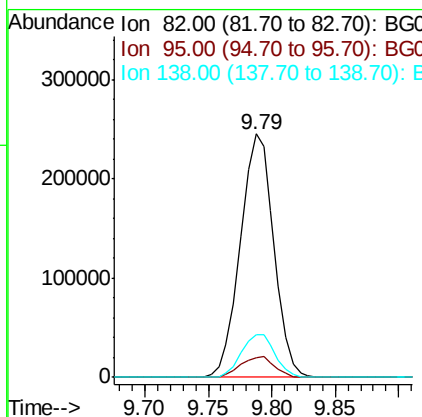
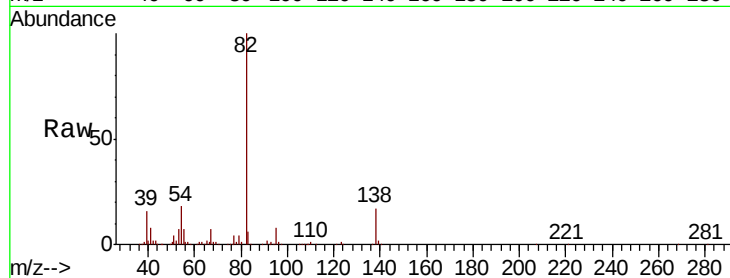
ClientSampleId :

PB123594BS

Tot Ion:	82	Resp:	449233
Ion Ratio	Lower	Upper	
82	100		
95	8.1	7.0	10.4
138	17.4	13.8	20.6

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#26

2-Nitrophenol

Concen: 47.275 ng

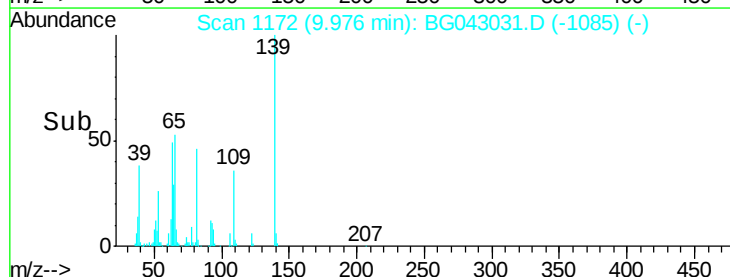
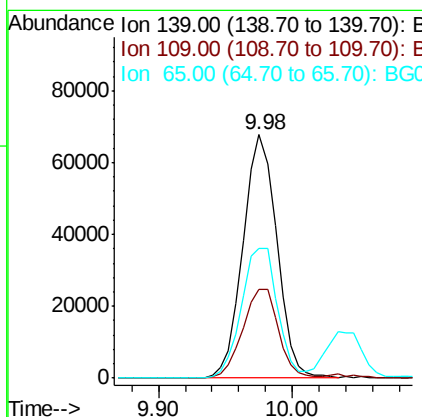
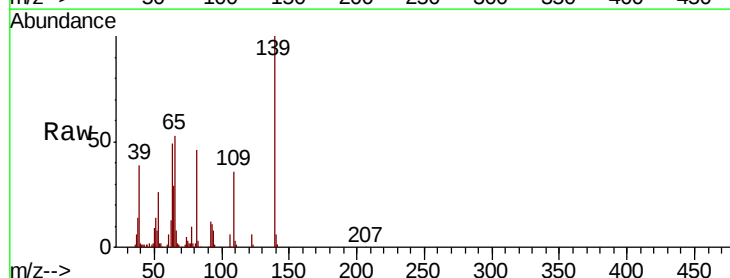
RT: 9.98 min Scan# 1172

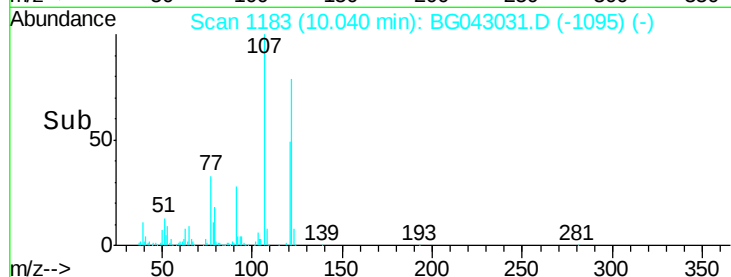
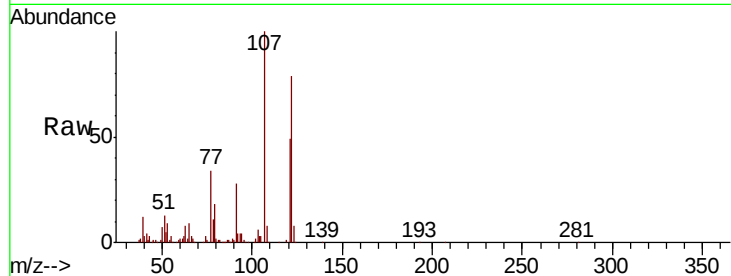
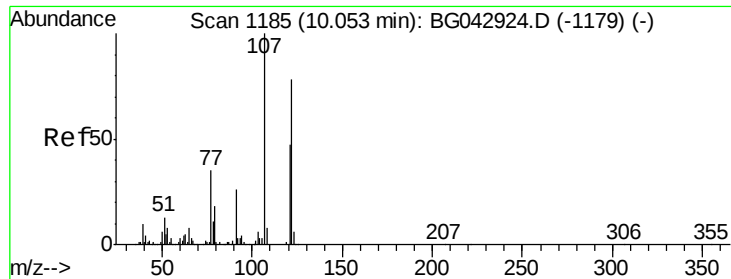
Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	139	Resp:	118856
Ion Ratio	Lower	Upper	
139	100		
109	36.3	31.0	46.6
65	53.0	48.4	72.6





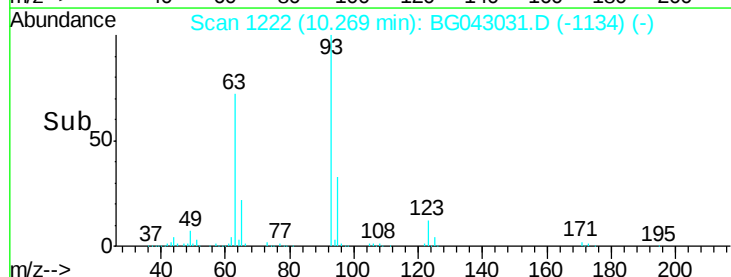
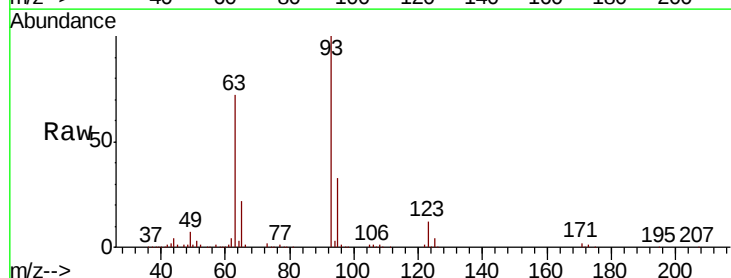
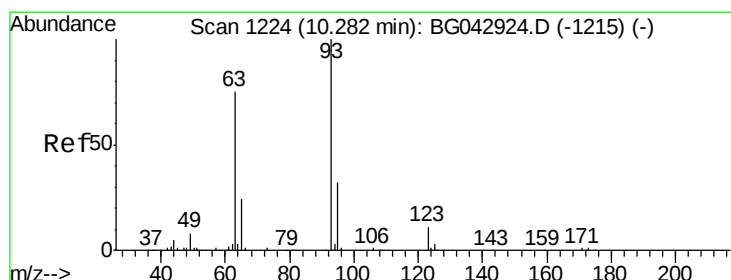
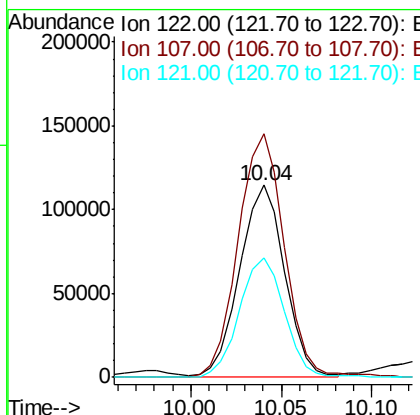
#27
2,4-Dimethylphenol
Concen: 50.939 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tot Ion	Ratio	Resp	Lower	Upper
122	100	196678		
107	126.9	102.2	153.2	
121	62.2	48.5	72.7	

Instrument :
BNA_G
ClientSampleId :
PB123594BS

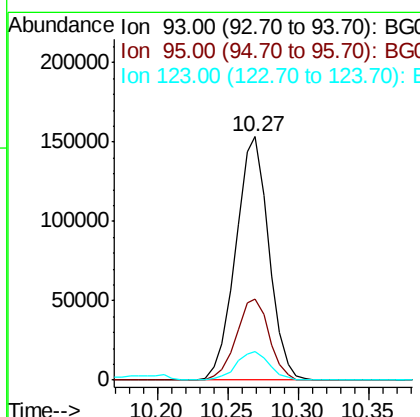
Manual Integrations
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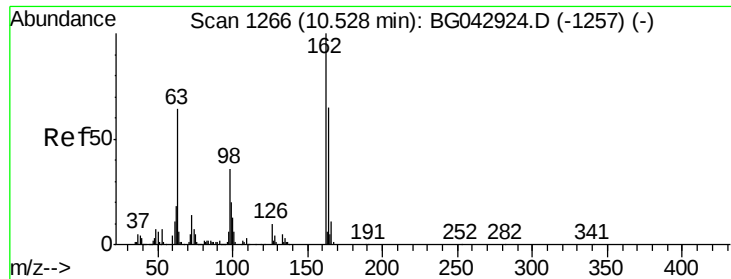
mohammad
10/9/2019 8:31:43 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.748 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251439		
95	33.3	25.4	38.0	
123	11.5	9.3	13.9	





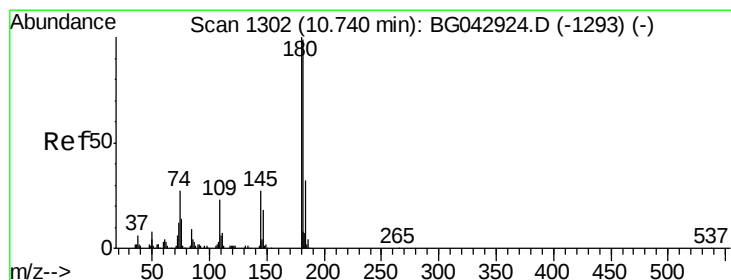
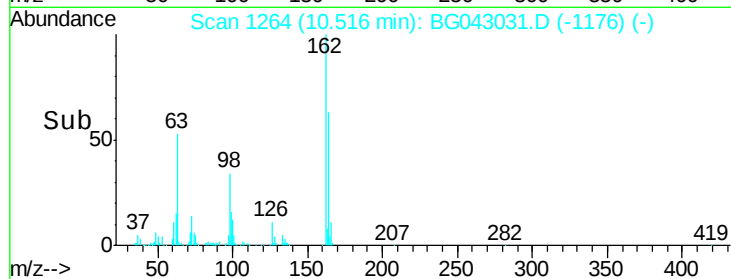
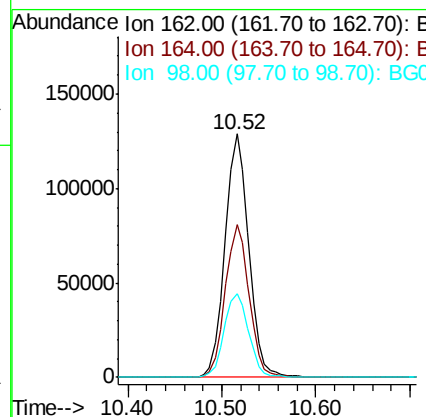
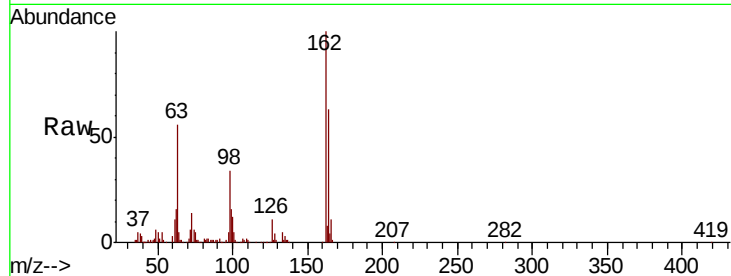
#29
 2,4-Dichlorophenol
 Concen: 47.359 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:	162	Resp:	227415
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.7	84.7
98	34.4	16.0	56.0

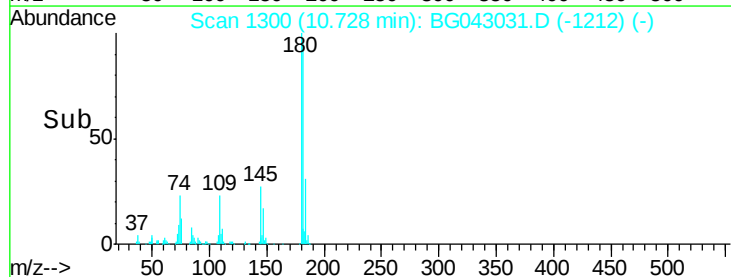
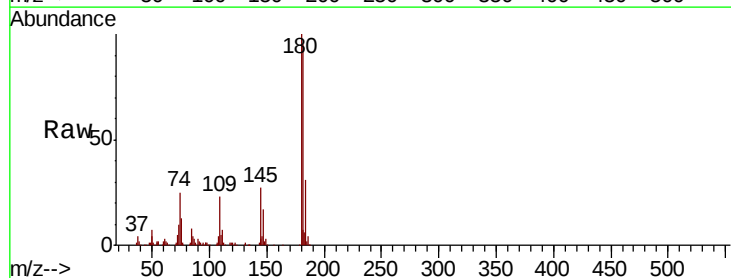
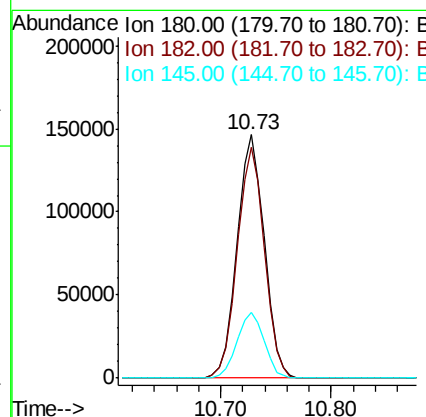
Manual Integrations
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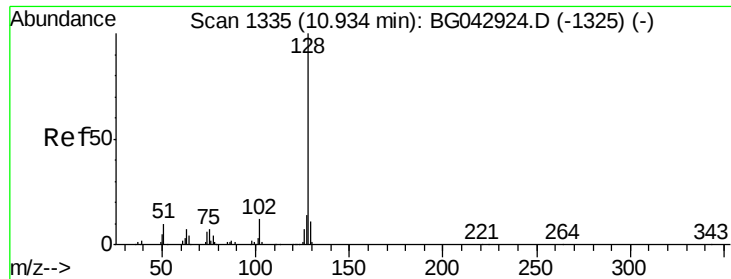
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.879 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion:	180	Resp:	253493
Ion Ratio	Lower	Upper	
180	100		
182	94.8	79.3	118.9
145	26.7	22.0	33.0





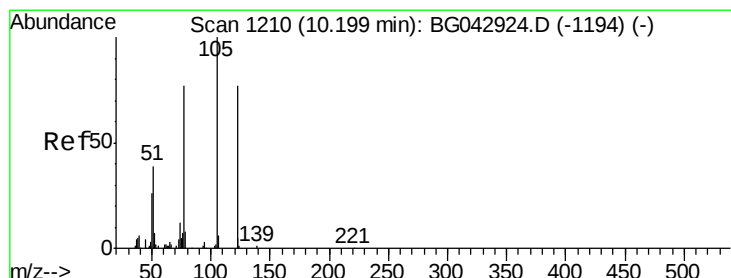
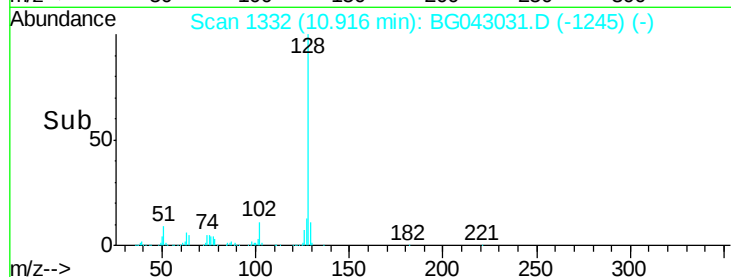
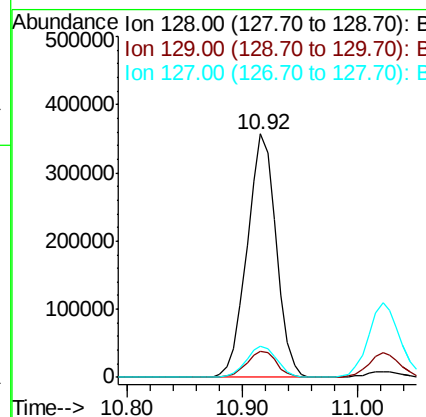
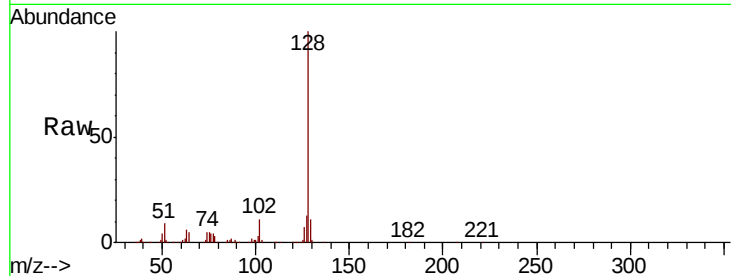
#31
Naphthalene
Concen: 42.131 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	624157		
129	10.8		8.8	13.2
127	13.0		11.3	16.9

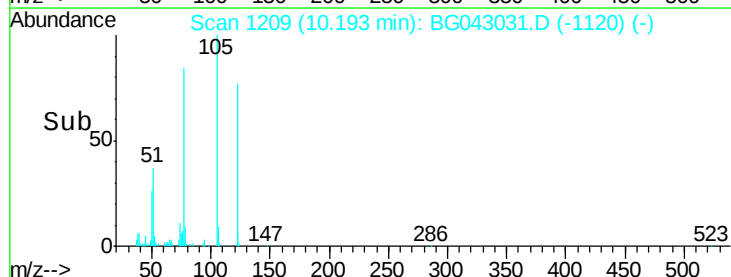
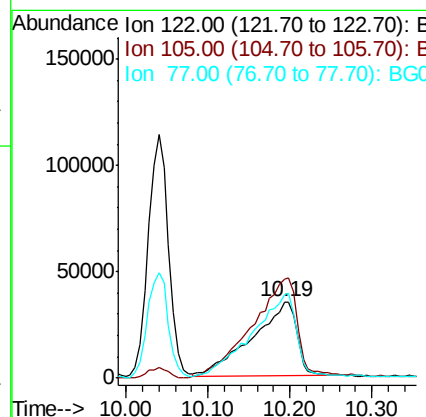
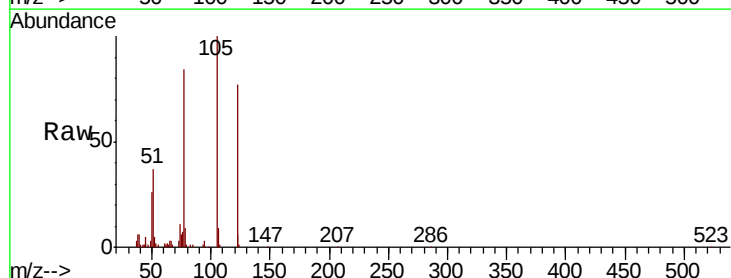
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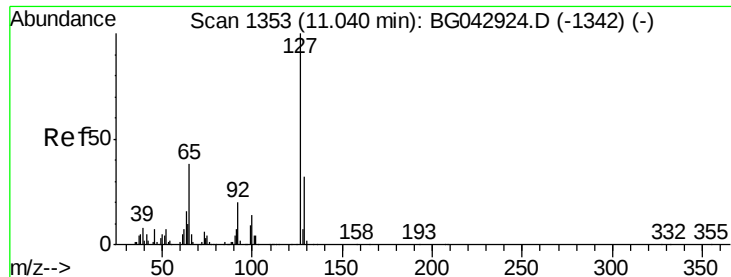
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#32
Benzoic acid
Concen: 45.386 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	134824		
105	129.8		107.5	147.5
77	109.3		79.8	119.8





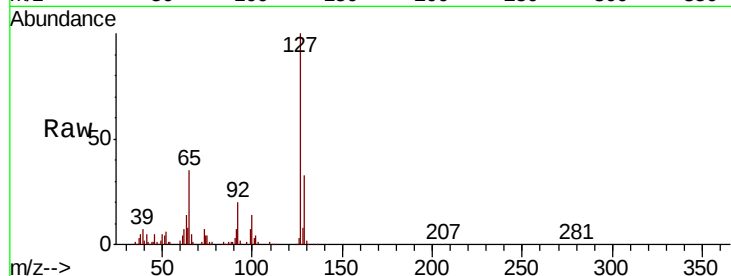
#33
4-Chloroaniline
Concen: 32.787 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.2		
65	34.6	30.6	45.8		
92	20.0	16.2	24.4		

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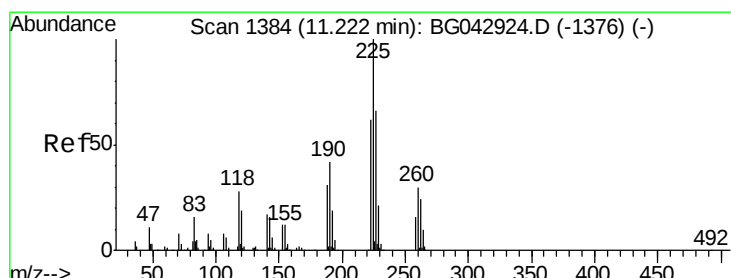
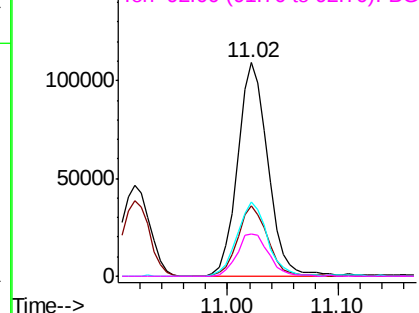
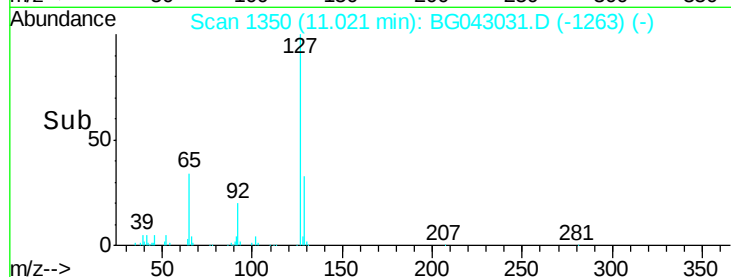
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

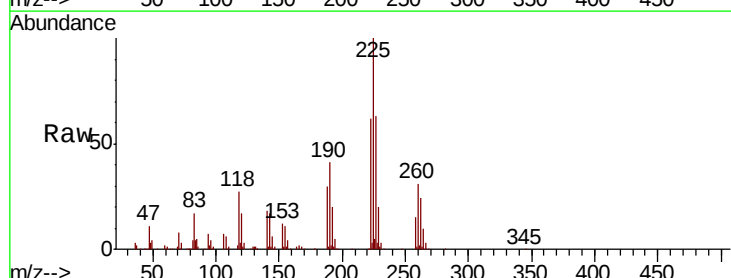
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.958 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	49.3	73.9		
227	63.2	52.8	79.2		

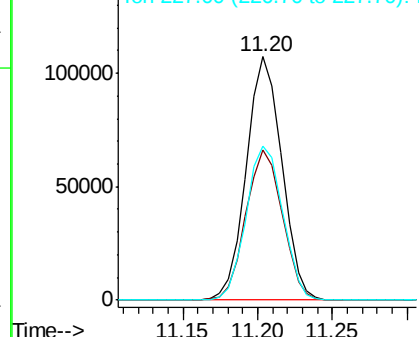
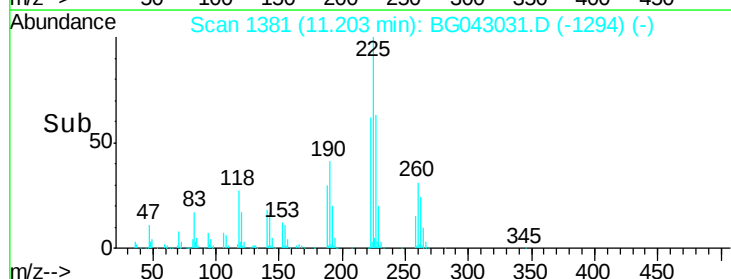


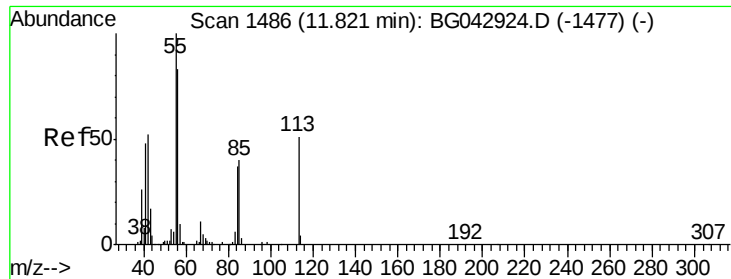
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





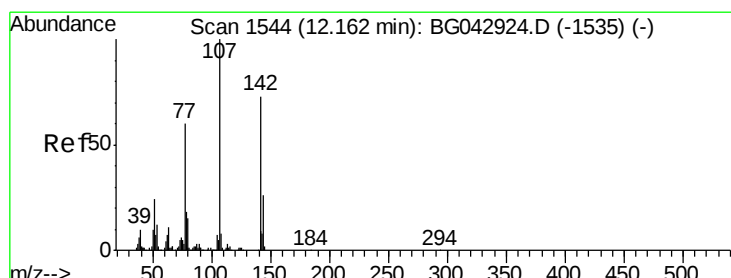
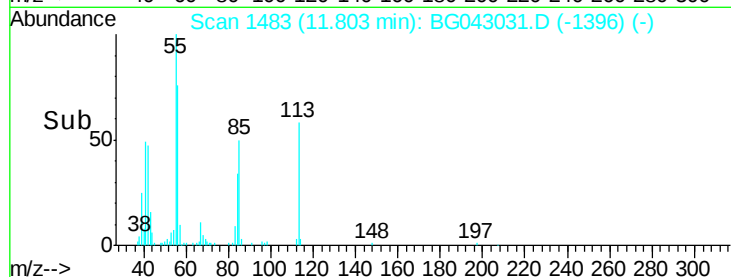
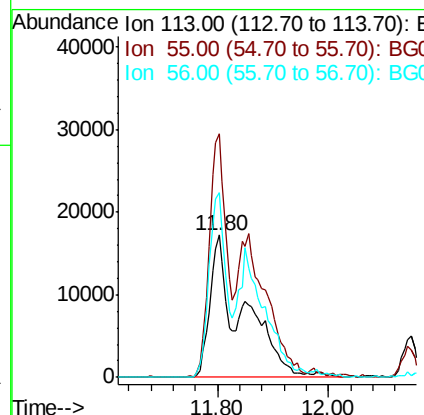
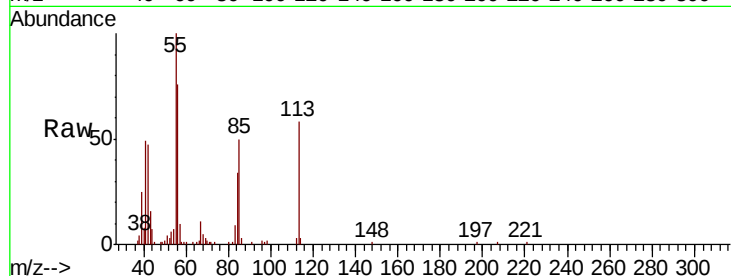
#35
Caprolactam
Concen: 41.881 ng/ml
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.5	175.5	215.5#
56	129.9	142.3	182.3#

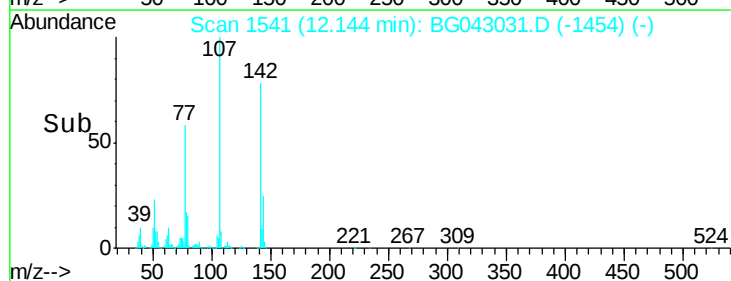
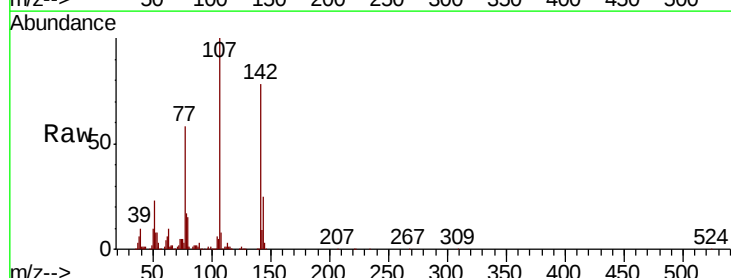
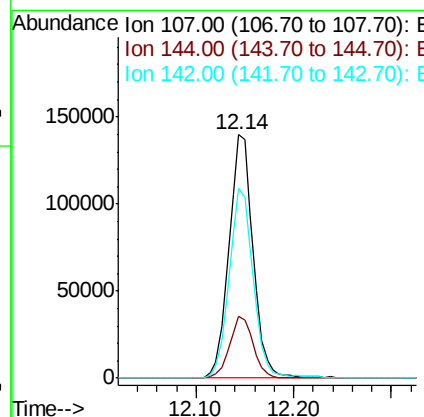
Manual Integrations
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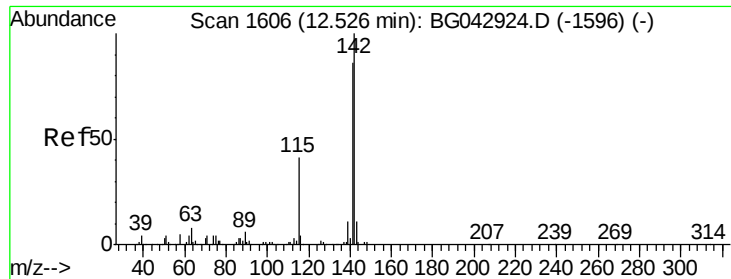
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#36
4-Chloro-3-methylphenol
Concen: 45.930 ng/ml
RT: 12.14 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.7	31.1
142	77.9	58.6	87.8





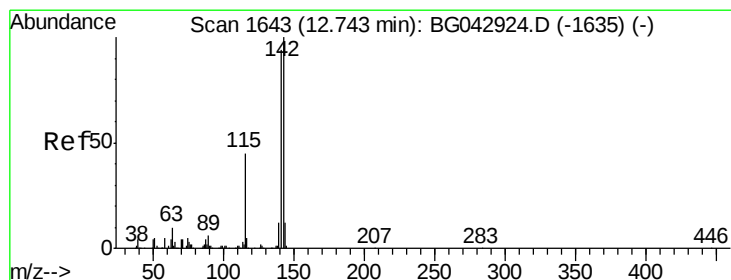
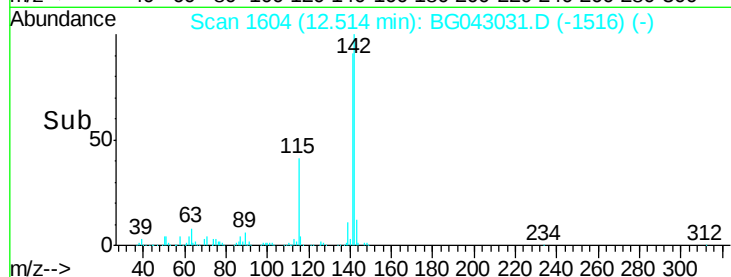
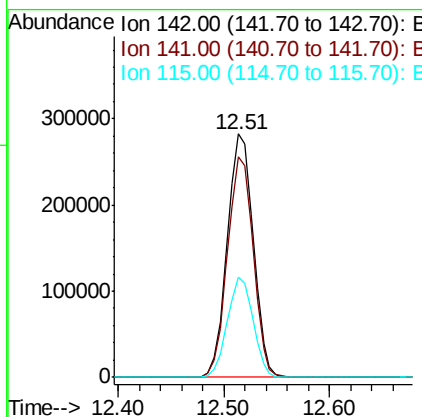
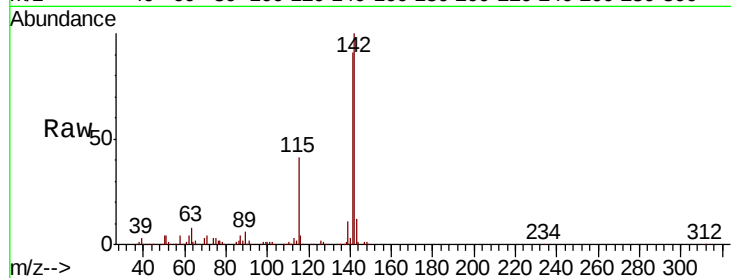
#37
2-Methylnaphthalene
Concen: 42.461 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.0	103.4
115	40.9	32.8	49.2

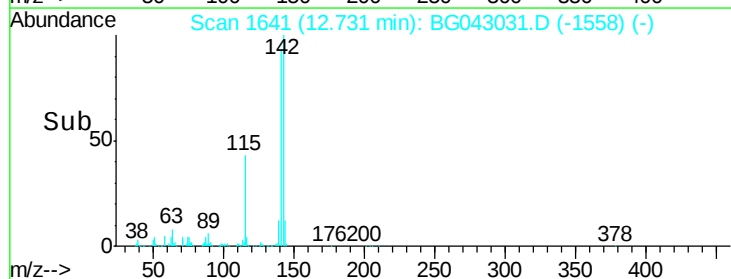
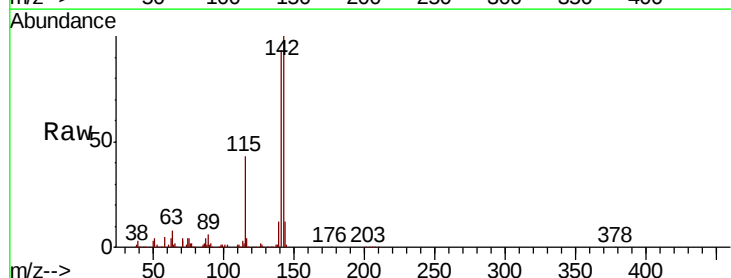
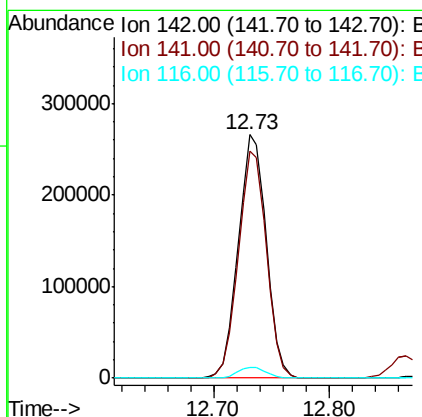
Manual Integrations
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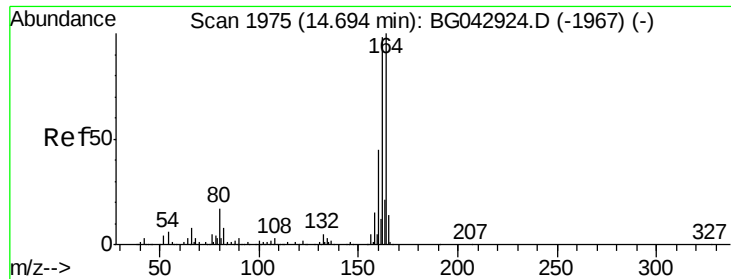
mohammad
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#38
1-Methylnaphthalene
Concen: 41.736 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.9	112.3
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

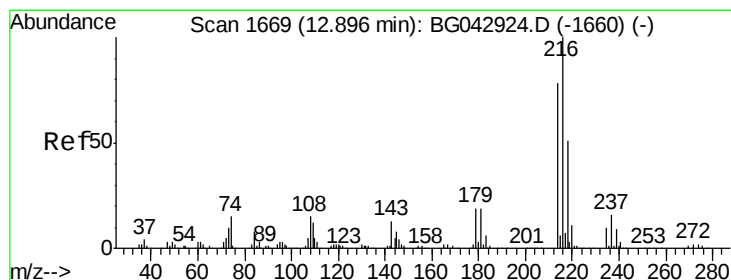
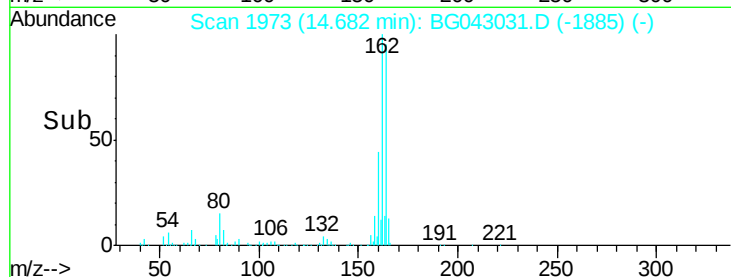
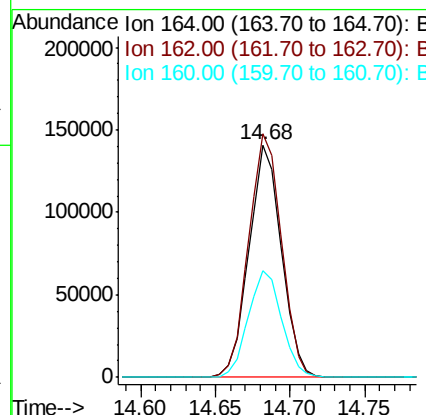
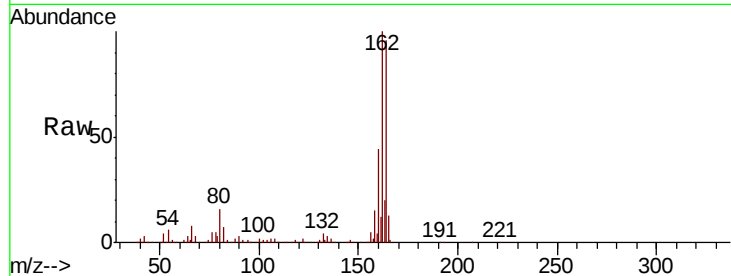
ClientSampleId :

PB123594BS

Tot Ion:	164	Resp:	211330
Ion Ratio	Lower	Upper	
164	100		
162	104.6	78.5	117.7
160	45.6	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.663 ng

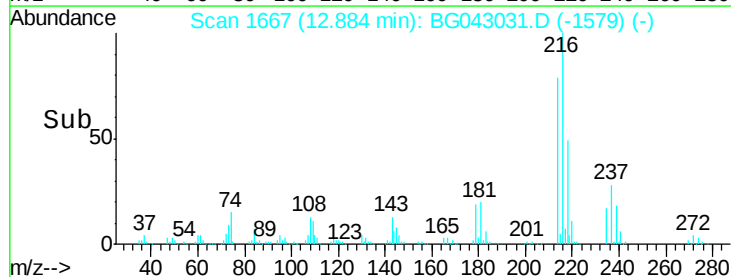
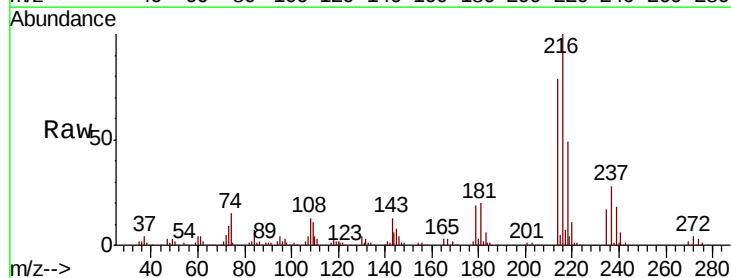
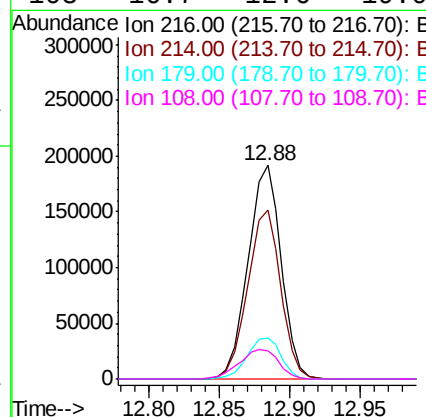
RT: 12.88 min Scan# 1667

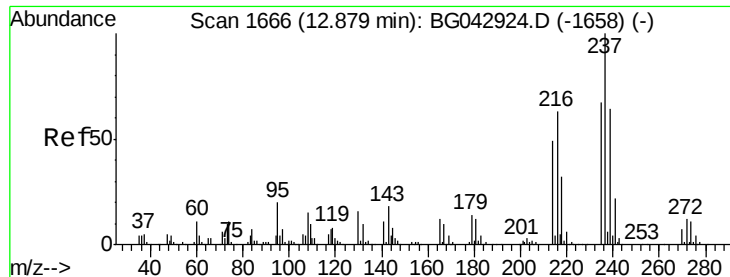
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	216	Resp:	315155
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.4	93.6
179	20.0	15.4	23.2
108	16.7	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 80.367 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

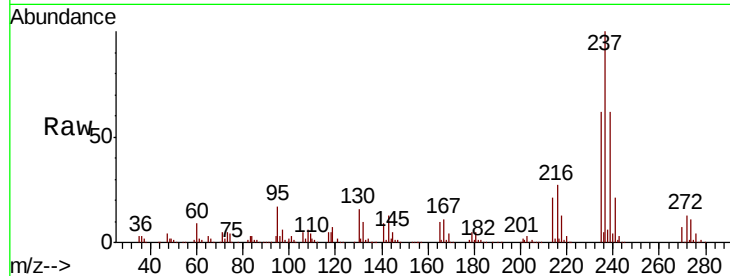
ClientSampleId :

PB123594BS

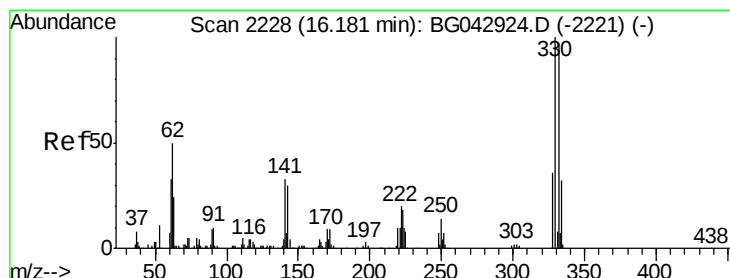
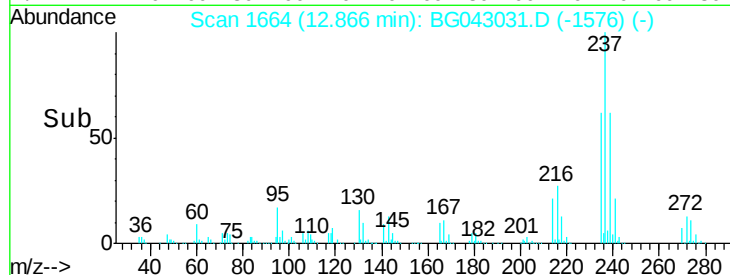
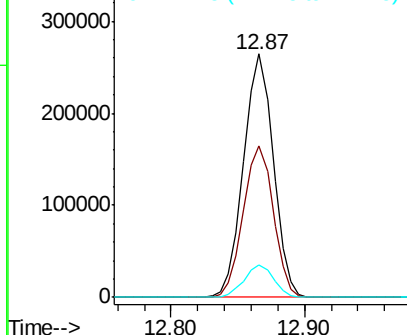
Tot Ion:	237	Resp:	406876
Ion Ratio		Lower	Upper
237	100		
235	62.3	46.7	86.7
272	13.3	0.0	32.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.532 ng

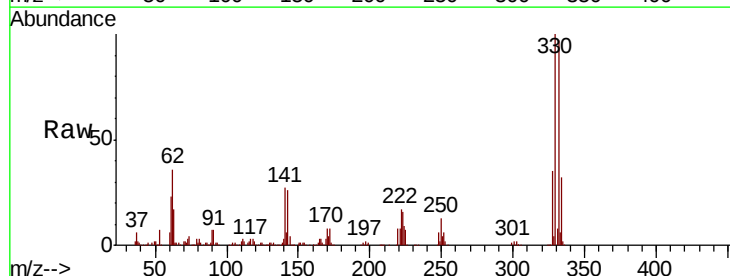
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

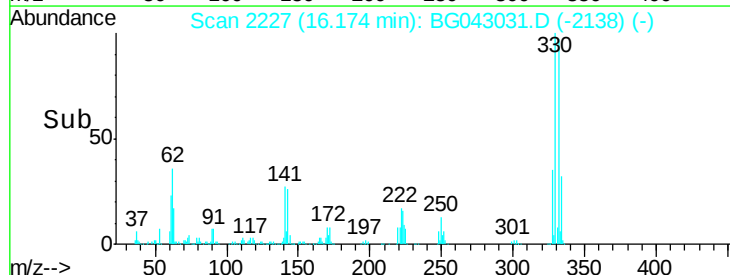
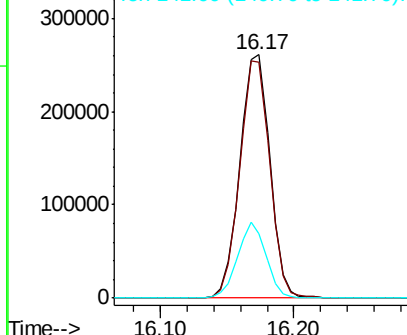
Lab File: BG043031.D

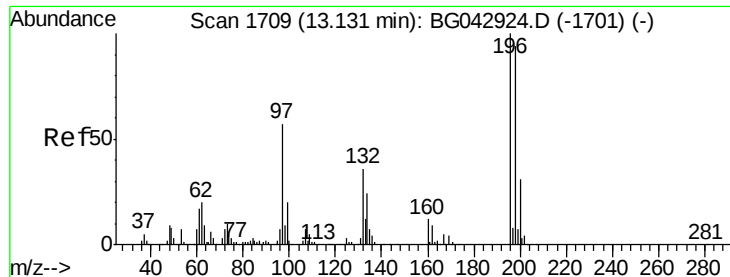
Acq: 4 Oct 2019 17:00

Tgt Ion:	330	Resp:	405302
Ion Ratio		Lower	Upper
330	100		
332	97.7	78.2	117.2
141	29.6	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





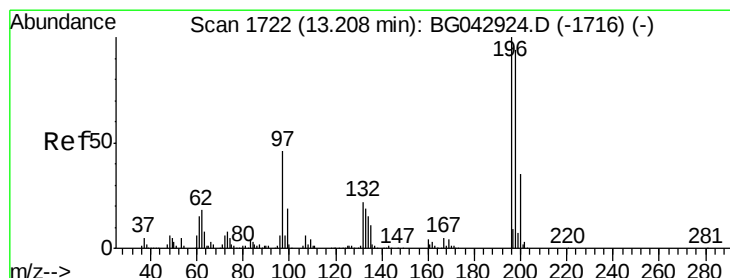
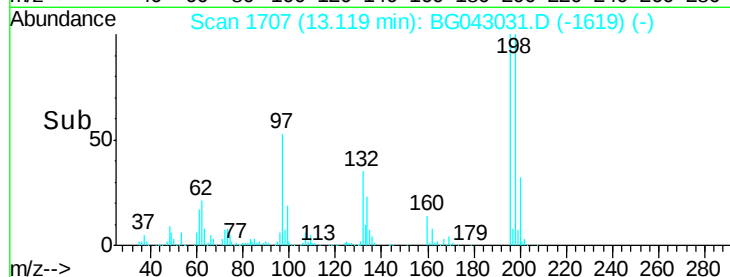
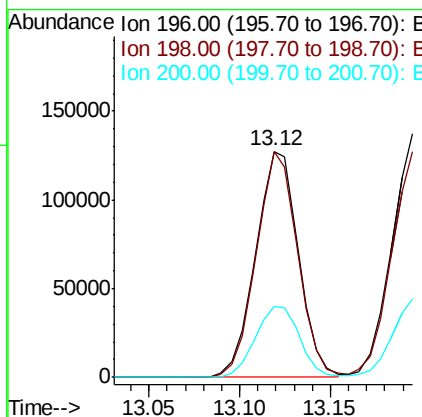
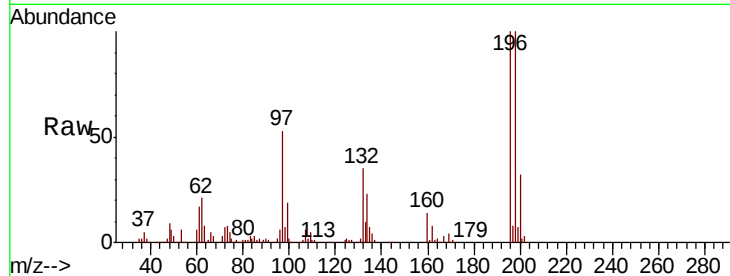
#43
 2,4,6-Trichlorophenol
 Concen: 44.776 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208243		
198	100.1	75.5	113.3	
200	31.6	24.9	37.3	

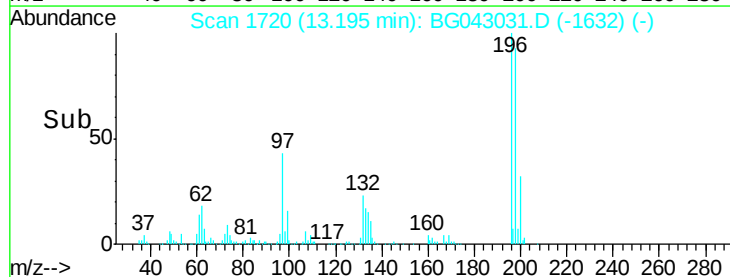
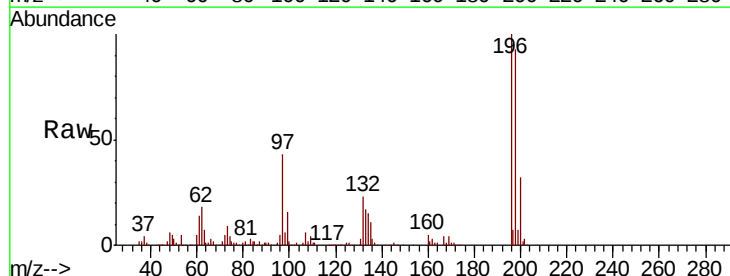
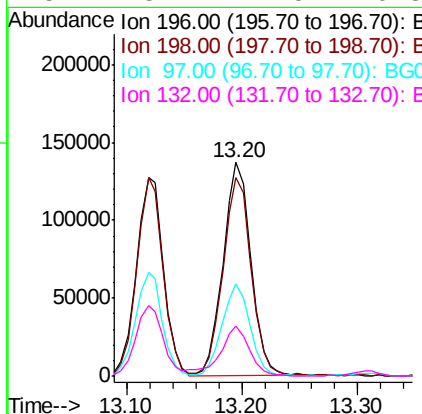
Manual Integrations
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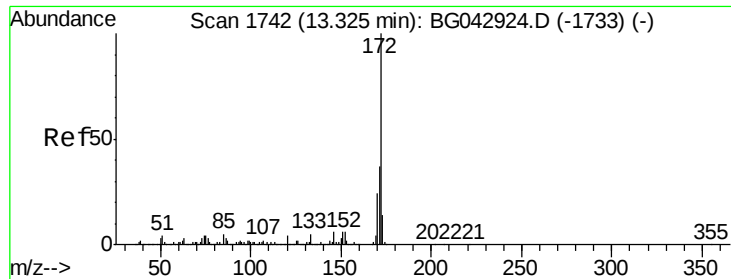
mohammad
 10/9/2019 8:31:43 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.593 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228018		
198	92.7	75.1	112.7	
97	43.3	37.0	55.4	
132	23.1	17.5	26.3	





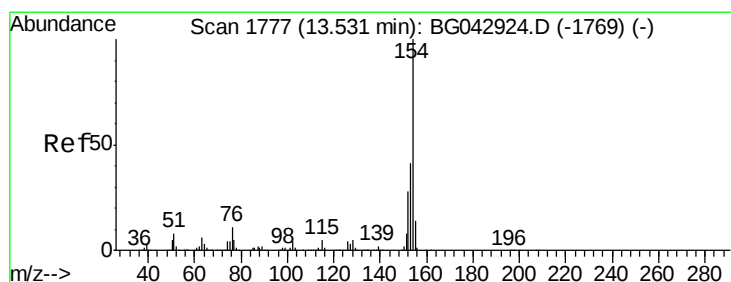
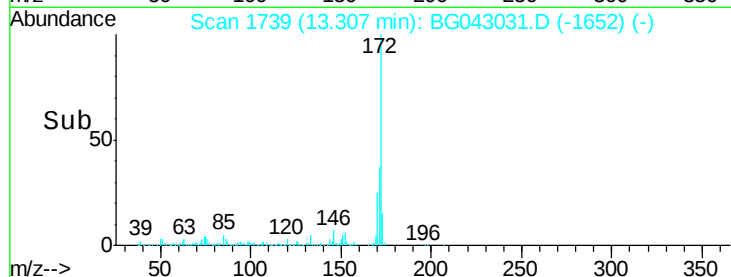
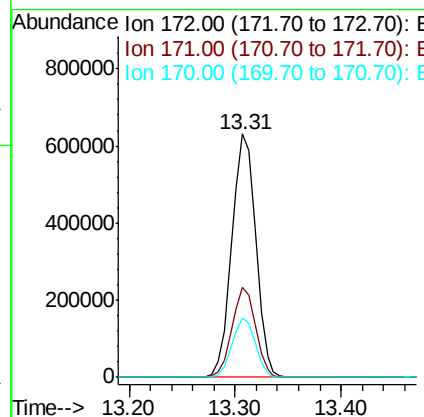
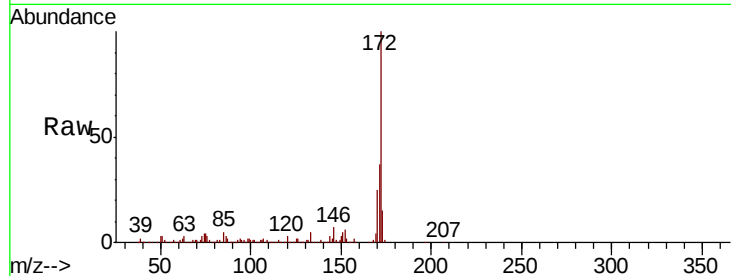
#45
 2-Fluorobiphenyl
 Concen: 67.658 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.5	19.6	29.4

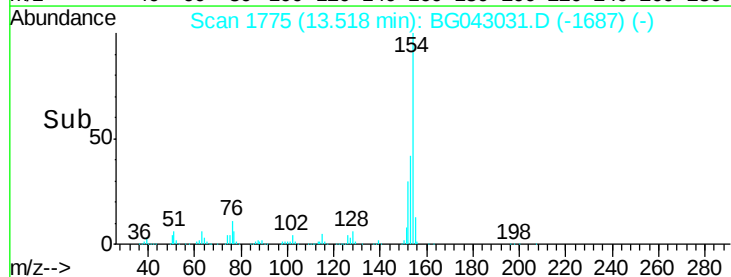
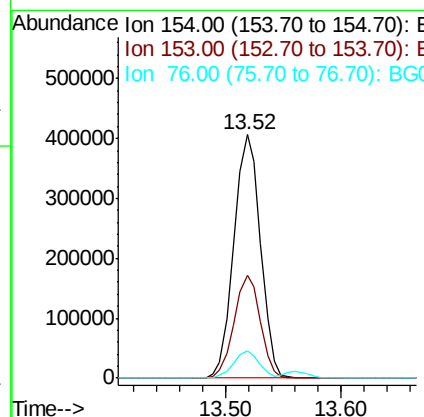
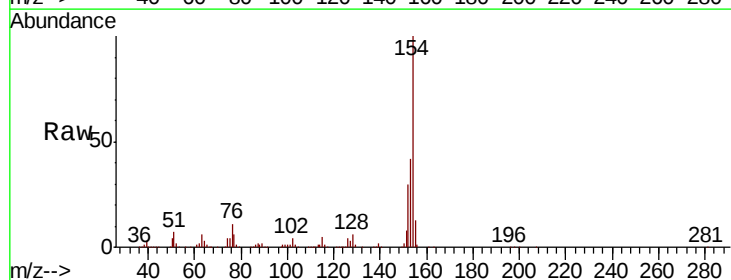
Manual Integrations
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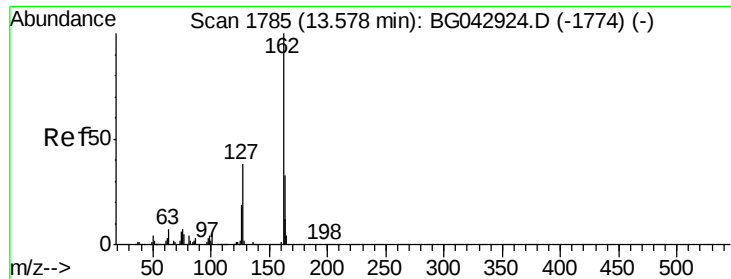
mohammad
 10/9/2019 8:31:43 AM



#46
 1,1'-Biphenyl
 Concen: 40.295 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	11.3	0.0	31.3





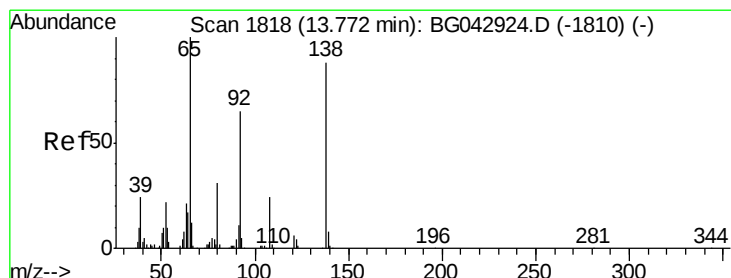
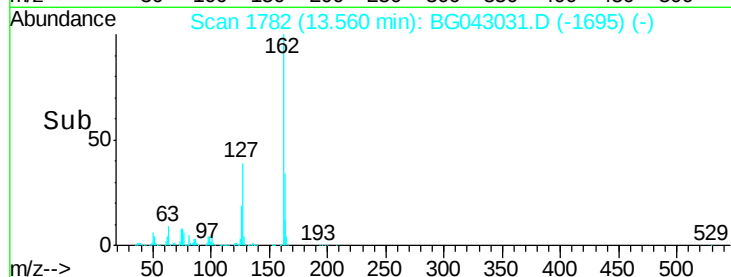
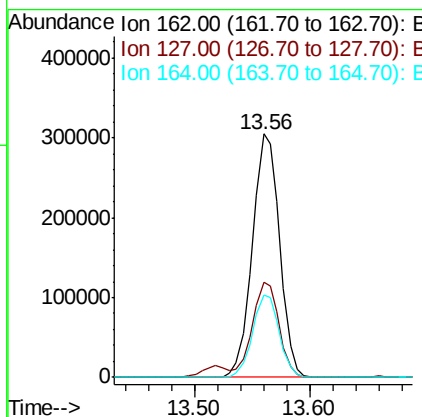
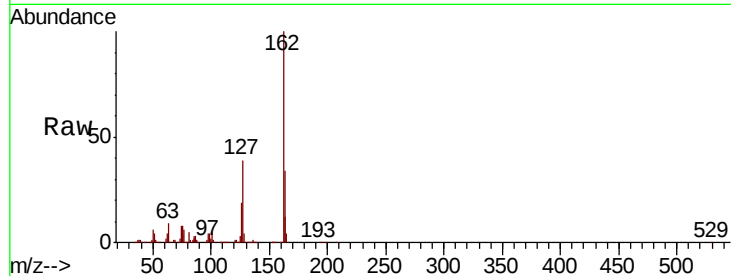
#47
2-Chloronaphthalene
Concen: 41.614 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.6
164	33.6	26.2	39.2

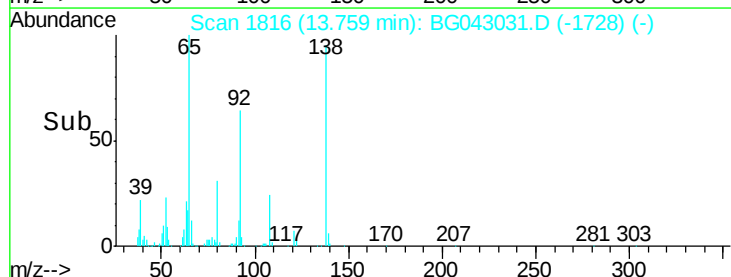
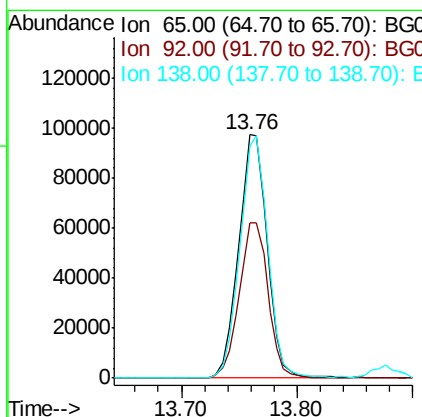
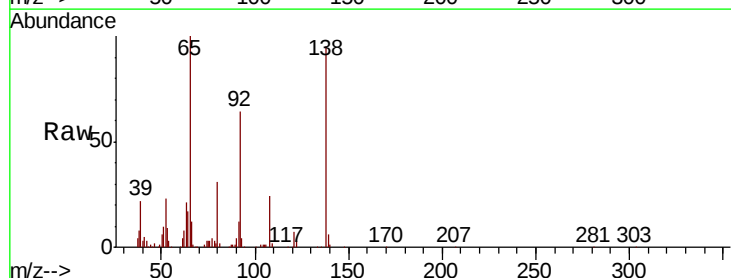
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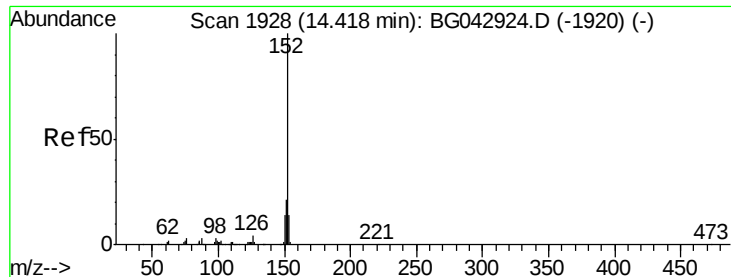
mohammad
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#48
2-Nitroaniline
Concen: 41.900 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	52.0	78.0
138	95.2	70.4	105.6





#49

Acenaphthylene

Concen: 43.399 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

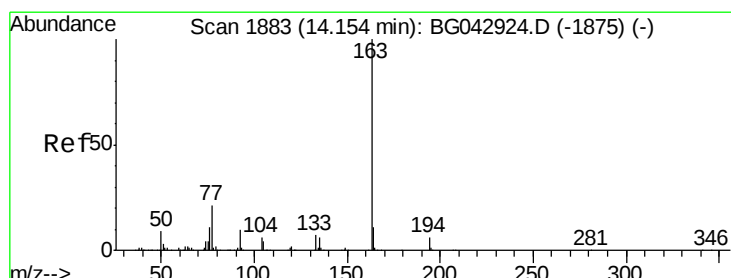
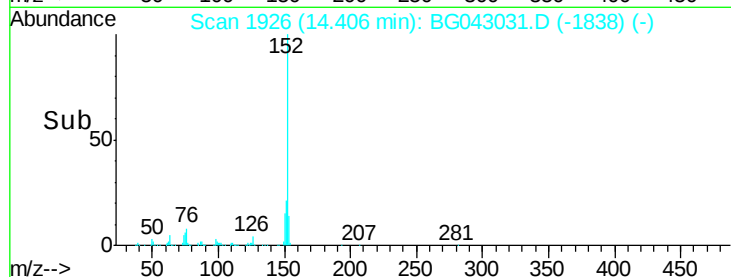
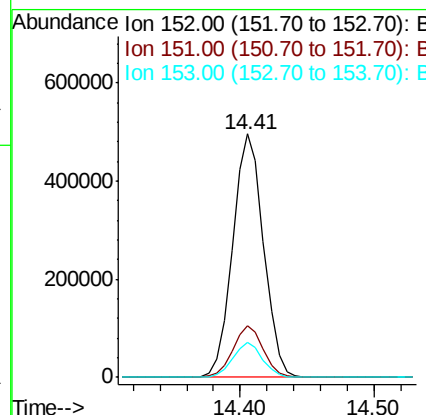
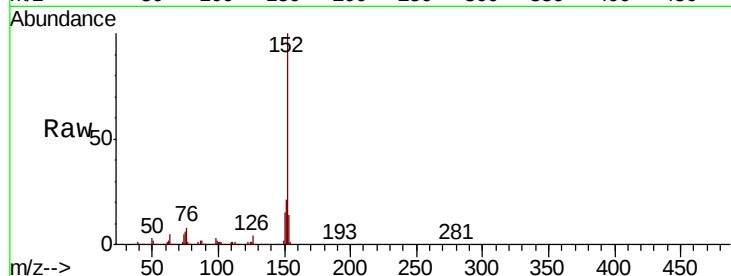
ClientSampleId :

PB123594BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	14.2	11.3	16.9

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#50

Dimethylphthalate

Concen: 42.068 ng

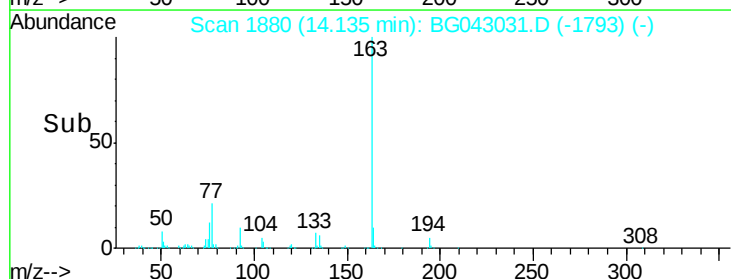
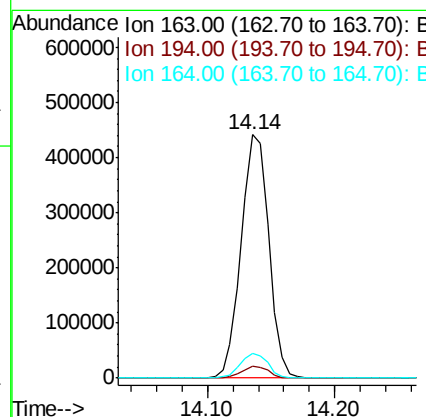
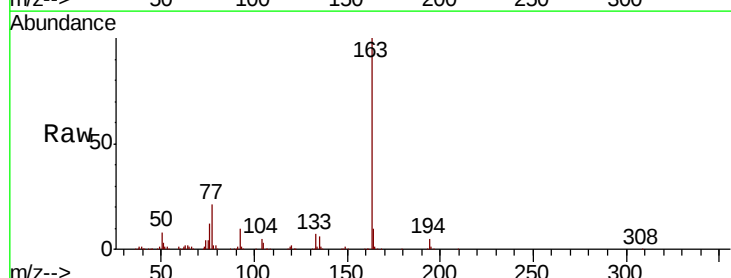
RT: 14.14 min Scan# 1880

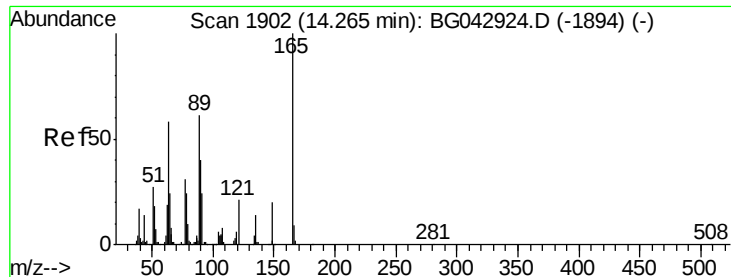
Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.1	8.6	12.8





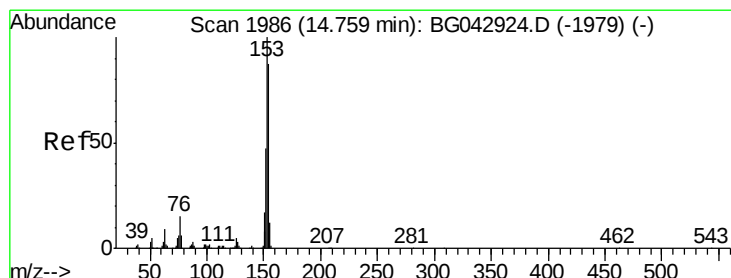
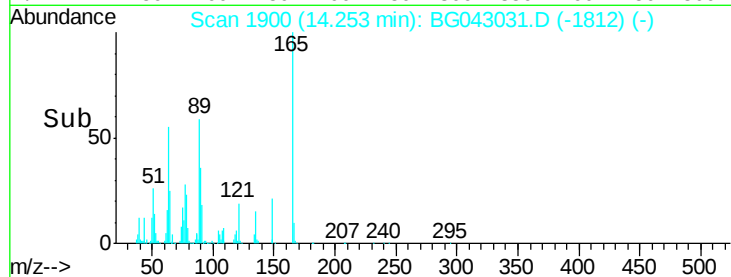
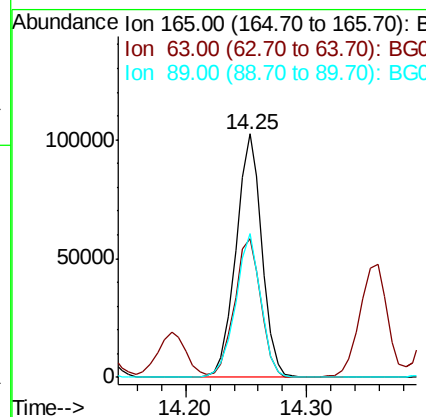
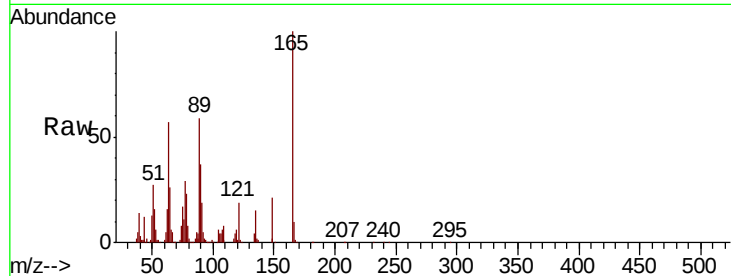
#51
 2,6-Dinitrotoluene
 Concen: 45.027 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampled :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	50.3	75.5
89	59.1	48.9	73.3

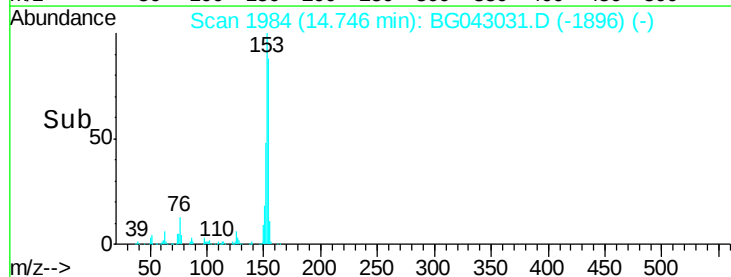
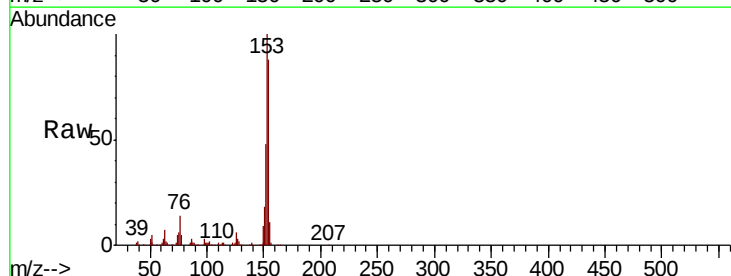
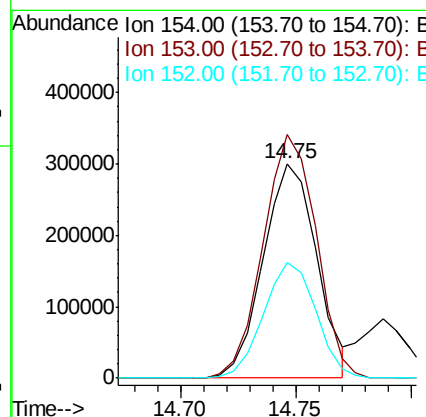
Manual Integrations
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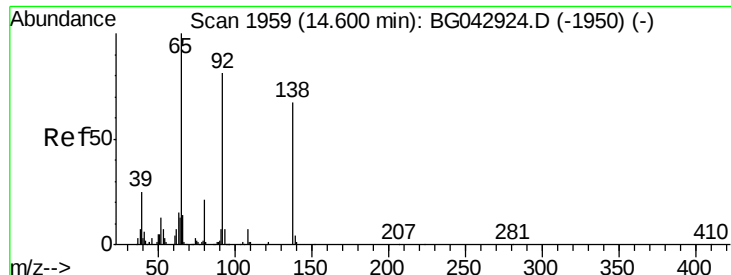
mohammad
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#52
 Acenaphthene
 Concen: 39.202 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.4	137.0
152	54.0	42.8	64.2





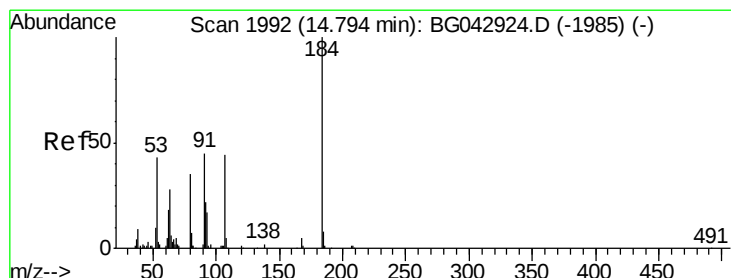
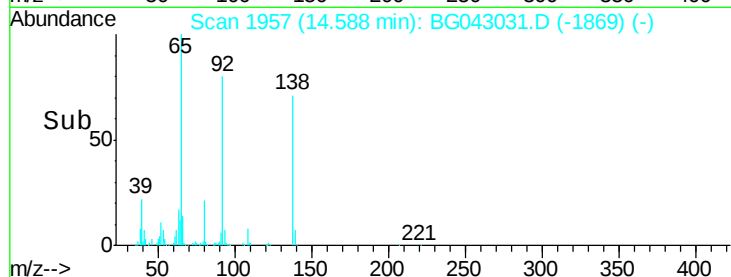
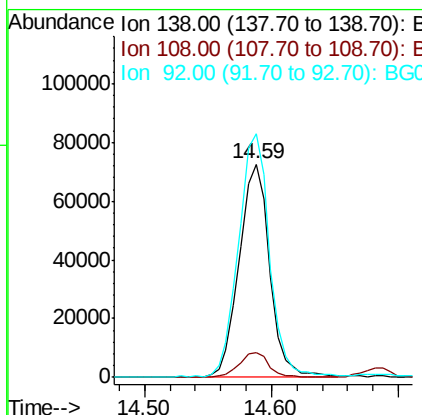
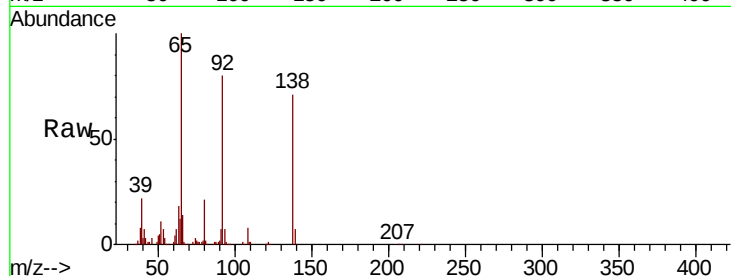
#53
3-Nitroaniline
Concen: 34.883 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampled :
PB123594BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	7.9	11.9
92	114.0	97.0	145.6

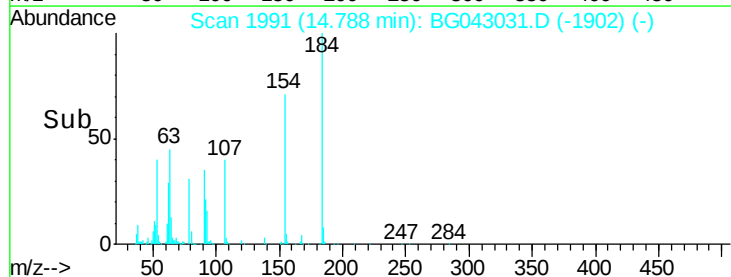
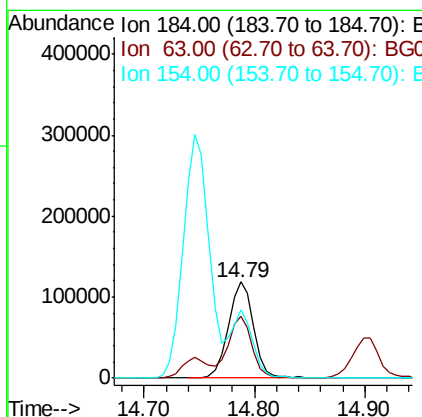
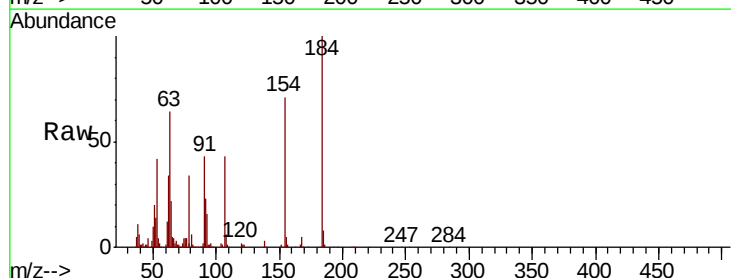
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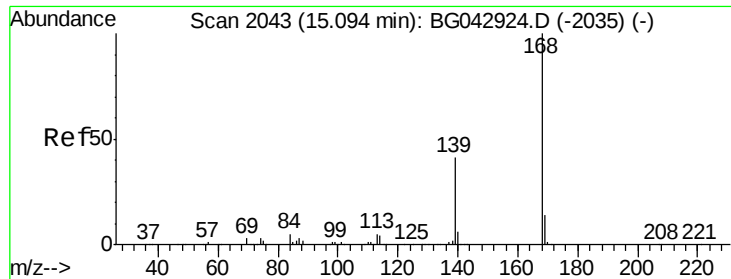
mohammad
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#54
2,4-Dinitrophenol
Concen: 90.303 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.3	55.0	82.6
154	70.6	56.5	84.7





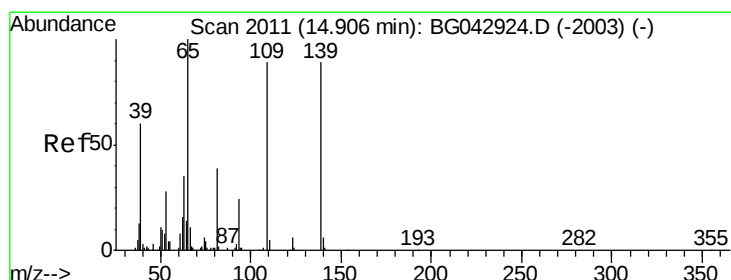
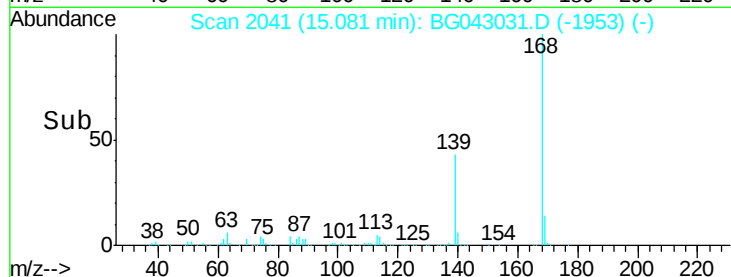
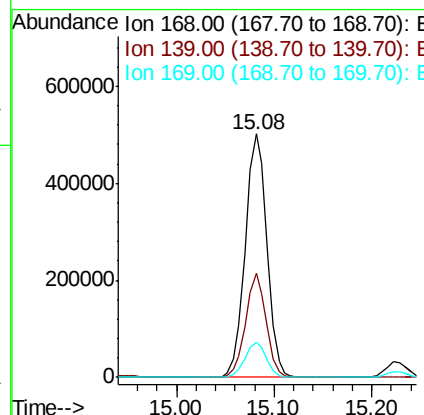
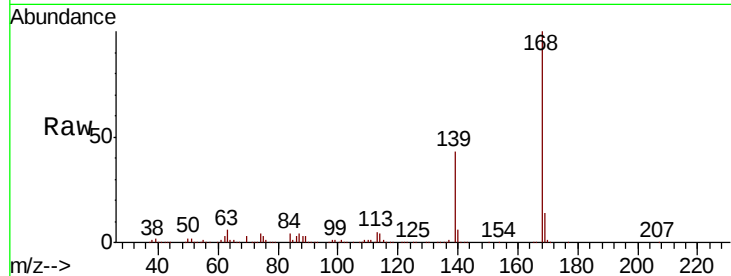
#55
Dibenzofuran
Concen: 42.190 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.9	32.6	48.8
169	14.4	11.2	16.8

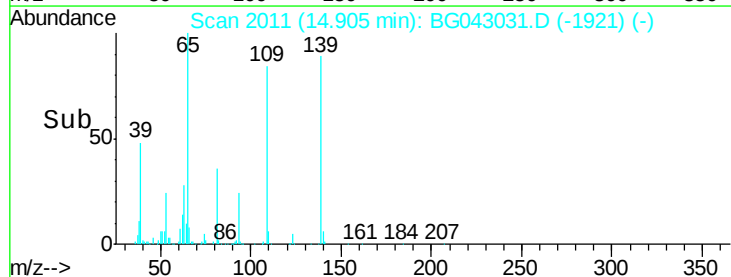
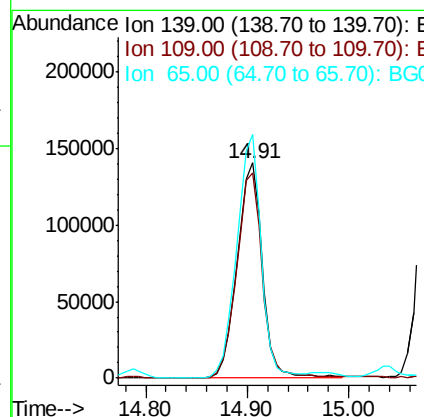
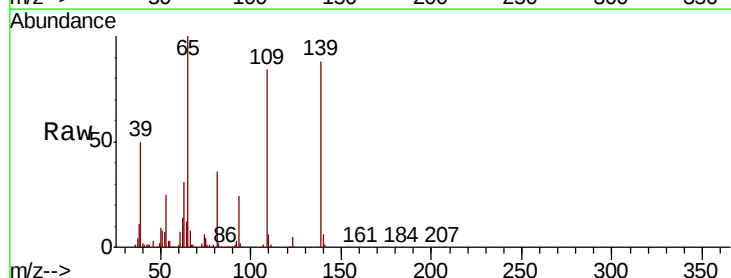
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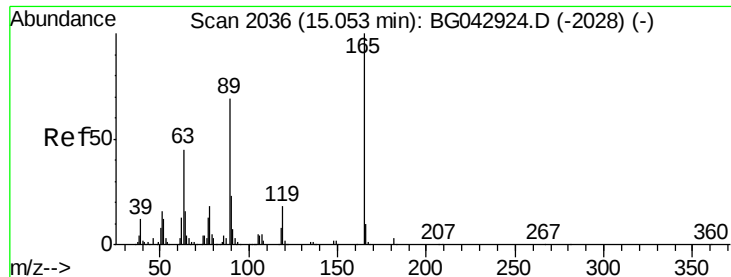
mohammad
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#56
4-Nitrophenol
Concen: 91.455 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.2	79.4	119.4
65	113.3	92.5	132.5





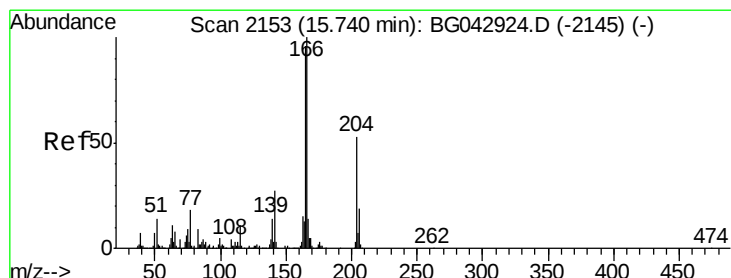
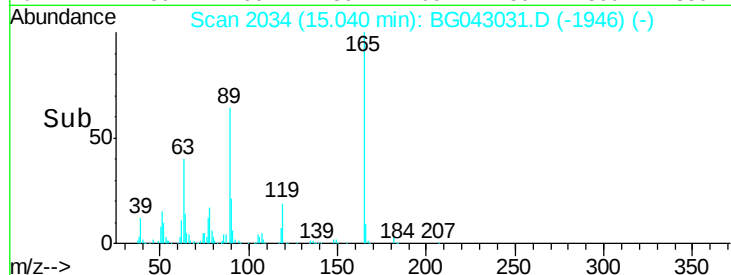
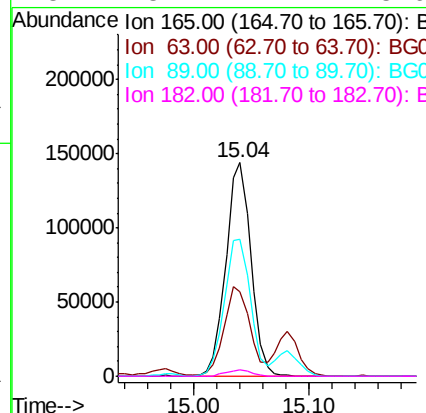
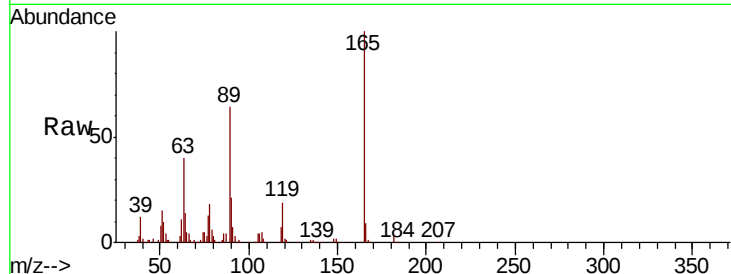
#57
 2,4-Dinitrotoluene
 Concen: 43.978 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		217161		
63	39.7		36.5	54.7	
89	63.9		55.5	83.3	
182	3.1		2.4	3.6	

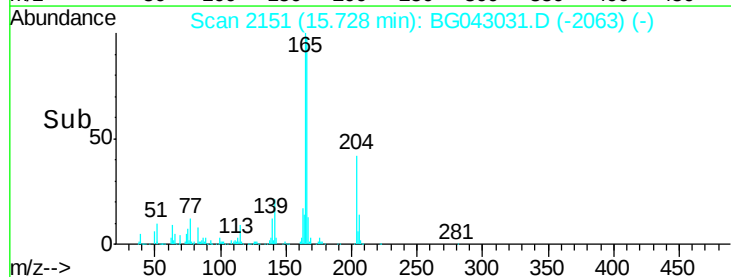
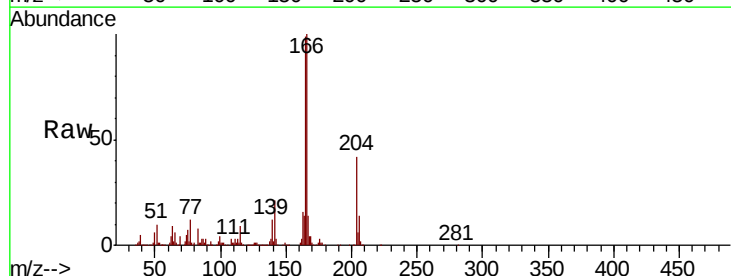
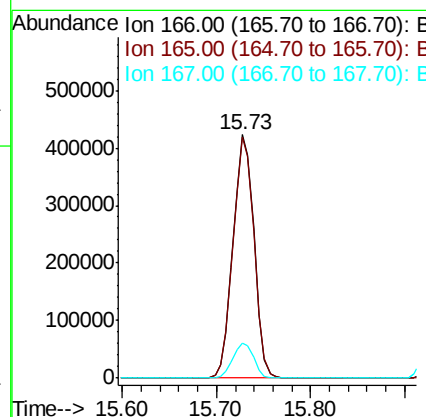
Manual Integrations
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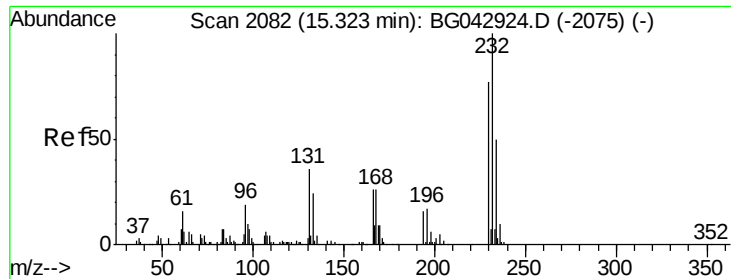
mohammad
 10/9/2019 8:31:43 AM



#58
 Fluorene
 Concen: 42.109 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		654471		
165	99.2		77.1	115.7	
167	14.2		11.0	16.6	





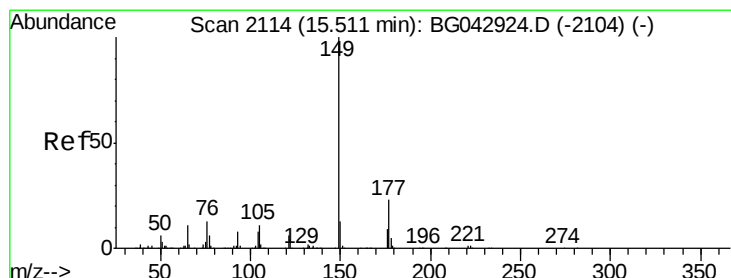
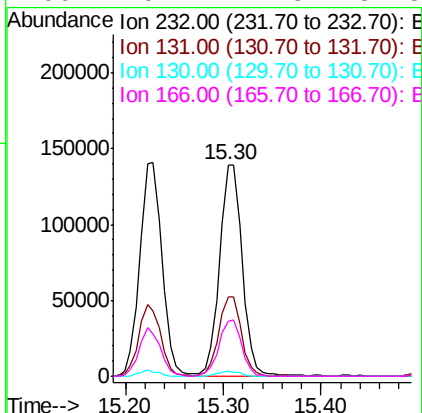
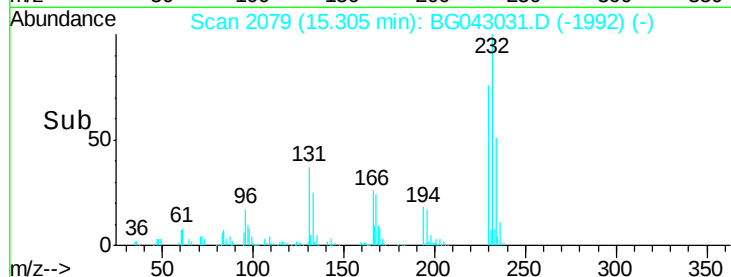
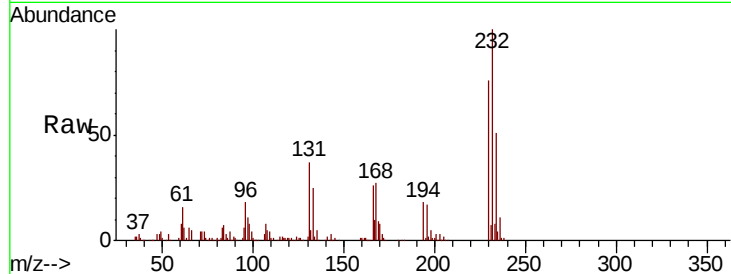
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.846 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	223667		
131	37.1		29.6	44.4
130	2.3		1.9	2.9
166	26.7		21.8	32.8

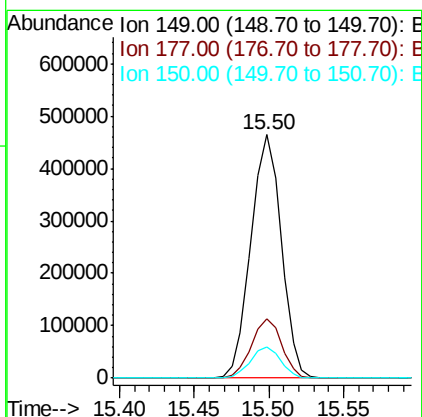
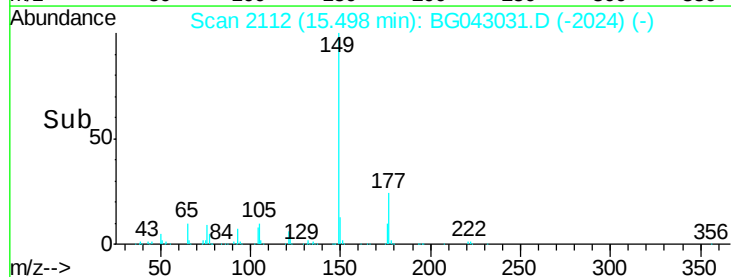
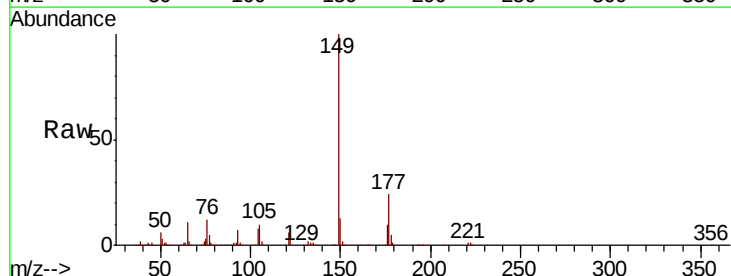
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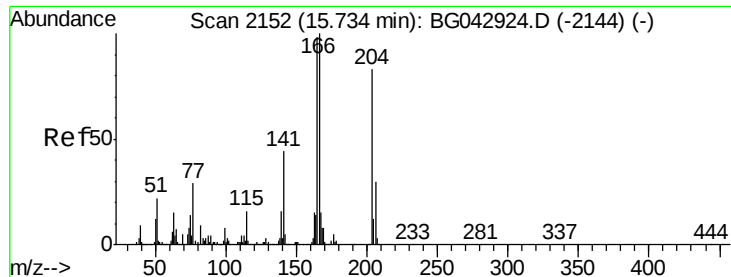
mohammad
 10/9/2019 8:31:43 AM



#60
 Diethylphthalate
 Concen: 40.575 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	653853		
177	24.2		18.8	28.2
150	13.0		10.6	15.8





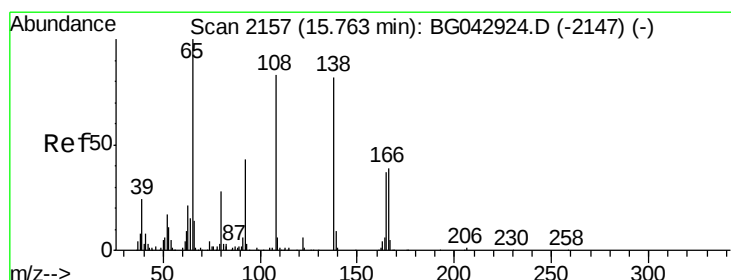
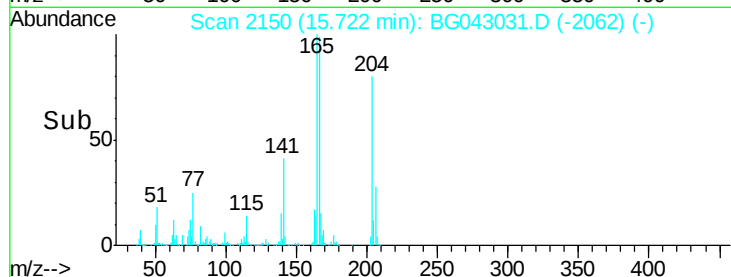
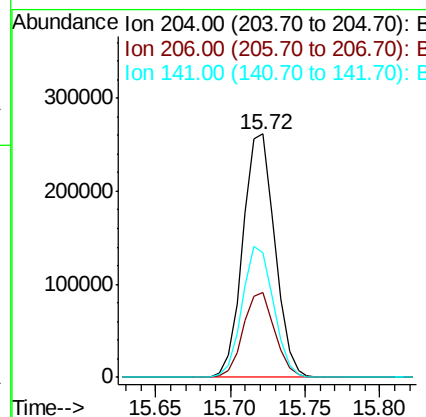
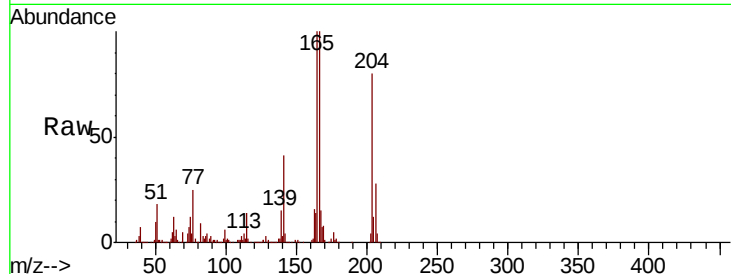
#61
4-Chlorophenyl-phenylether
Concen: 41.596 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	387731		
206	34.8		28.5	42.7
141	51.4		42.4	63.6

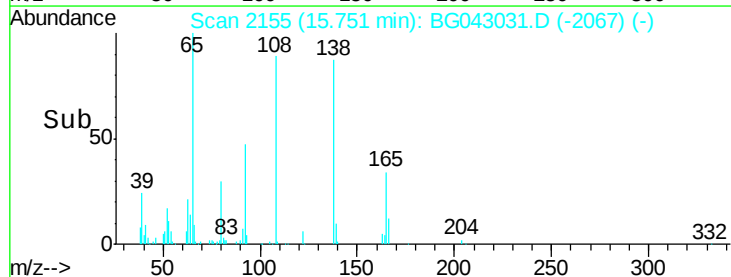
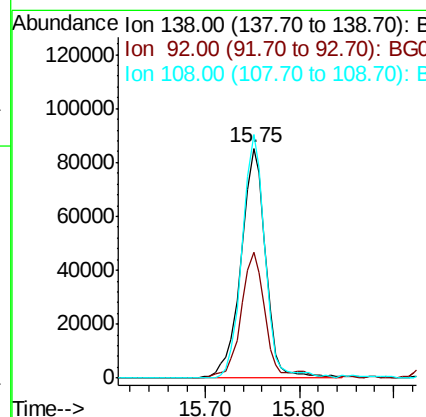
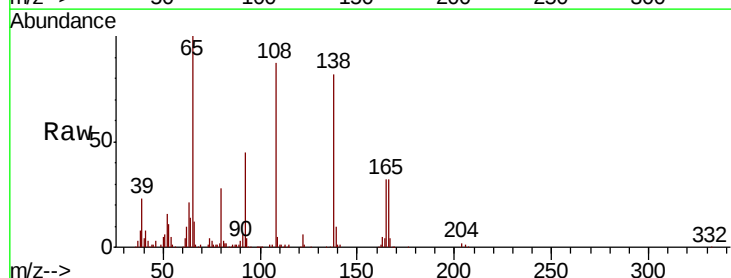
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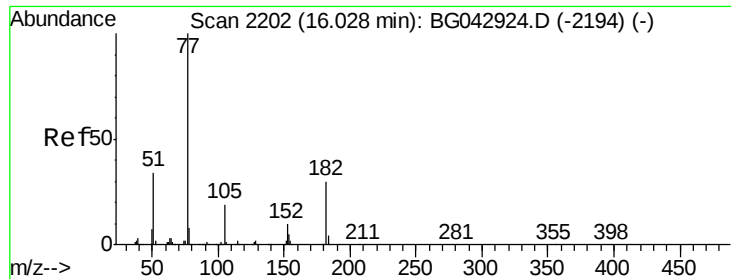
mohammad
10/9/2019 8:31:43 AM



#62
4-Nitroaniline
Concen: 40.929 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	155553		
92	54.7		32.9	72.9
108	105.9		81.3	121.3





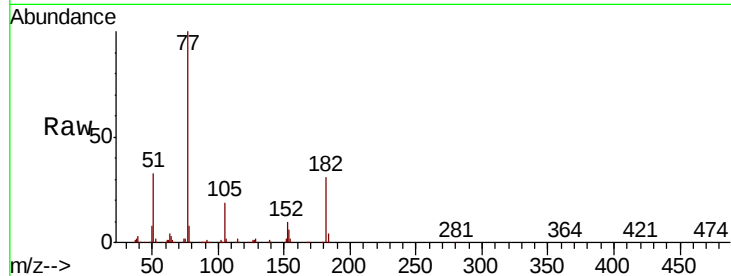
#63
Azobenzene
Concen: 39.973 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

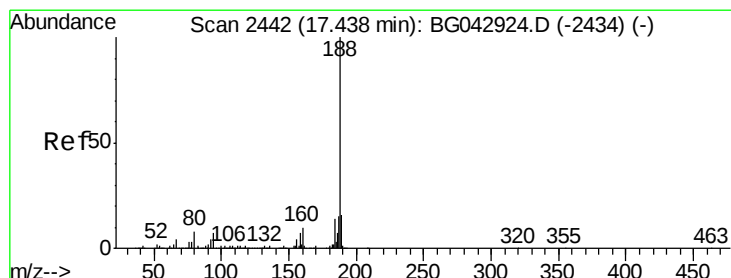
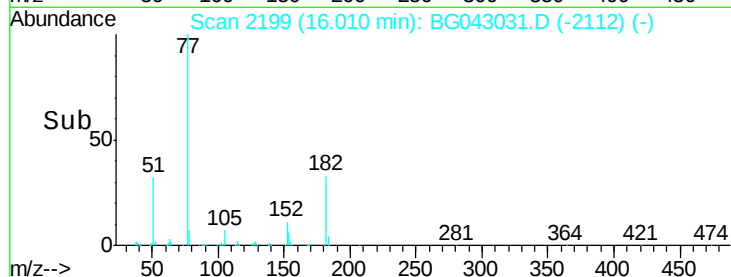
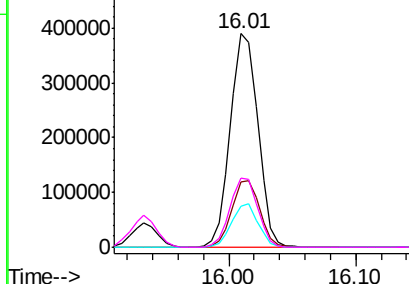
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.5	10.2	50.2		
105	19.0	0.0	39.1		
51	32.7	13.9	53.9		

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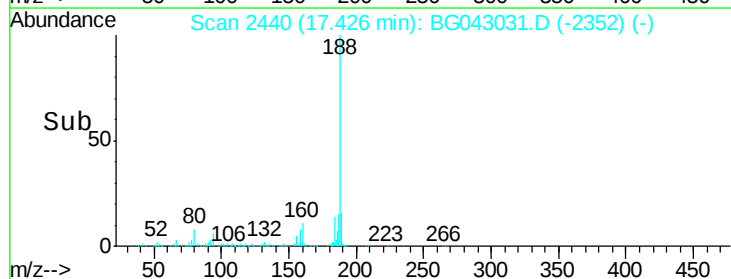
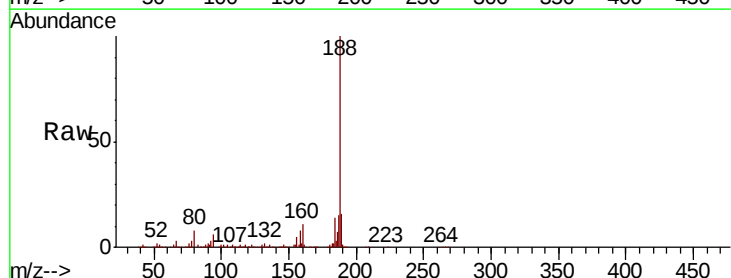
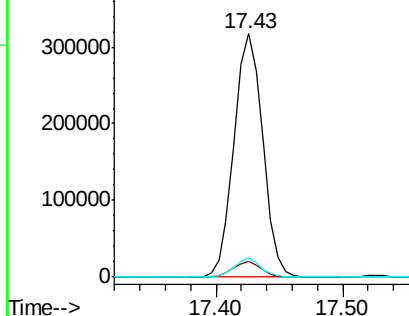
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

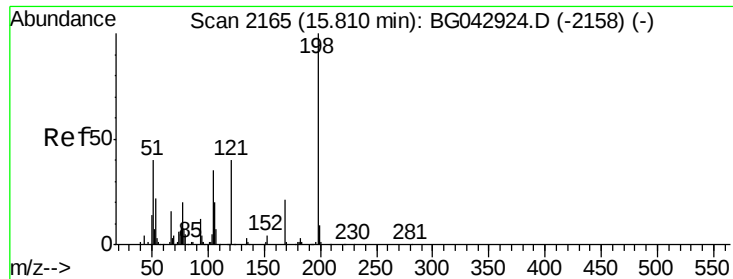


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.3	5.7	8.5		
80	8.0	6.5	9.7		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.733 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

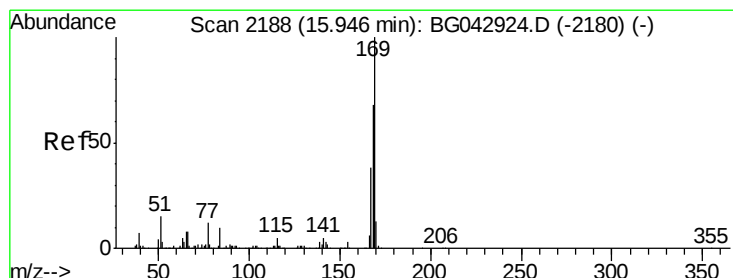
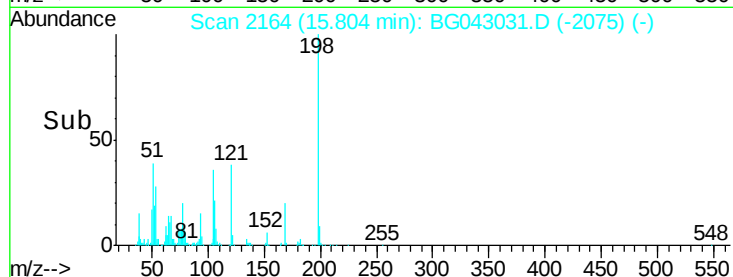
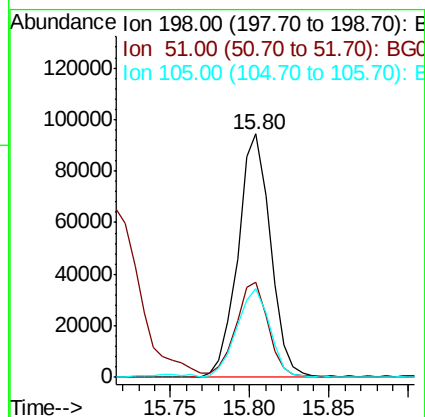
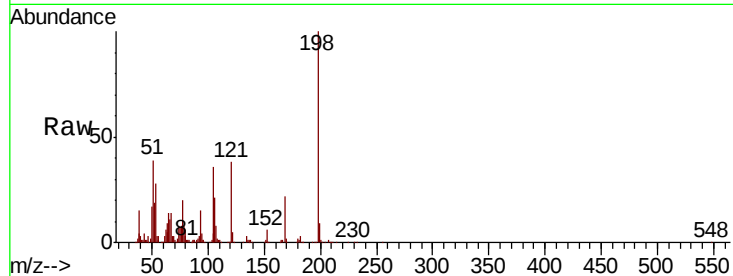
ClientSampleId :

PB123594BS

Tot Ion:	198	Resp:	134579
Ion	Ratio	Lower	Upper
198	100		
51	39.3	25.3	65.3
105	36.2	16.6	56.6

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#66

n-Nitrosodiphenylamine

Concen: 44.809 ng

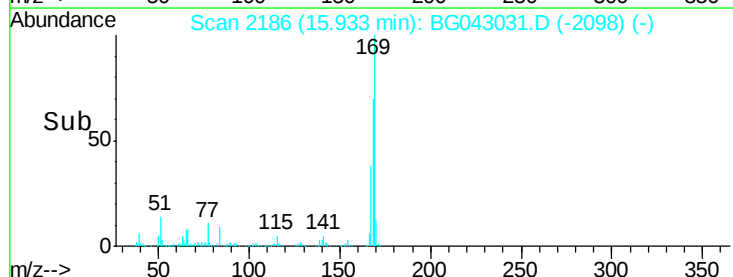
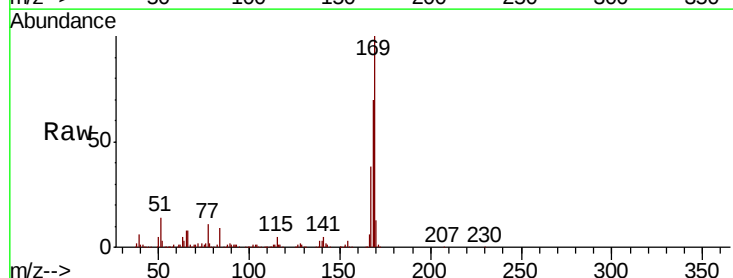
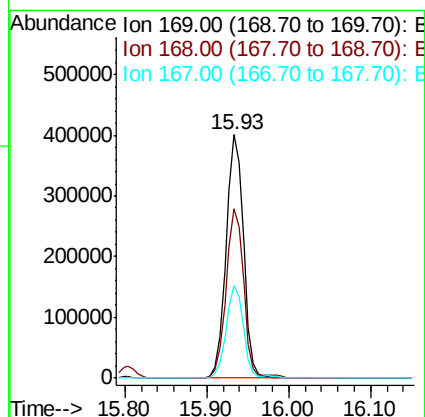
RT: 15.93 min Scan# 2186

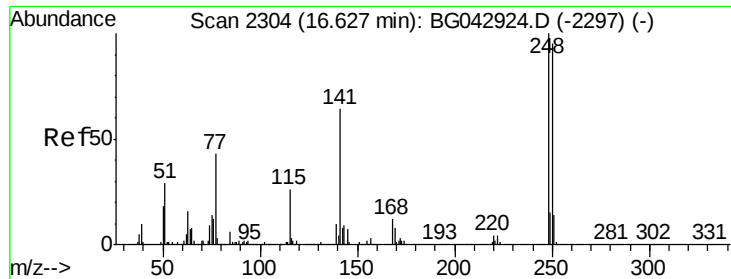
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion:	169	Resp:	589383
Ion	Ratio	Lower	Upper
169	100		
168	69.5	54.8	82.2
167	37.9	30.6	46.0





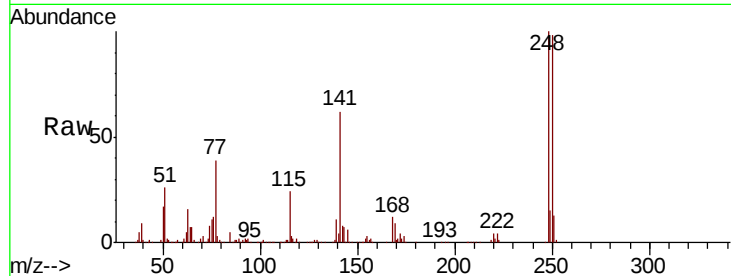
#67
4-Bromophenyl-phenylether
Concen: 42.685 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleID :
PB123594BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.8	113.8
141	61.8	51.1	76.7

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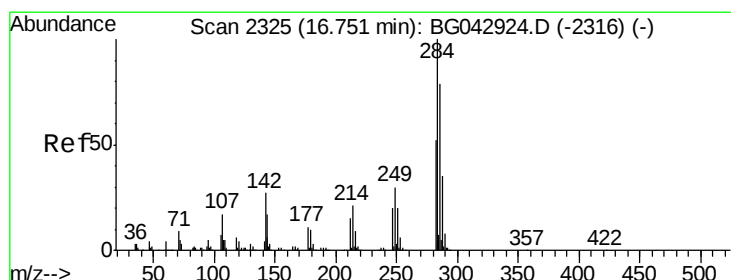
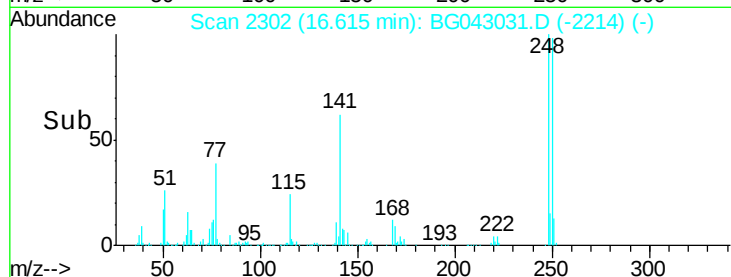
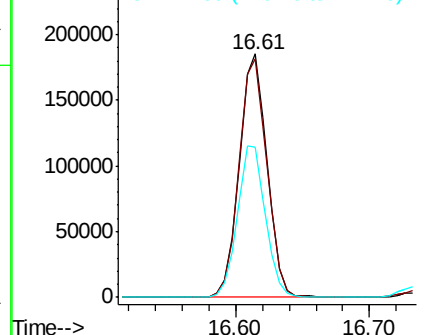


Abundance

Ion 248.00 (247.70 to 248.70): E

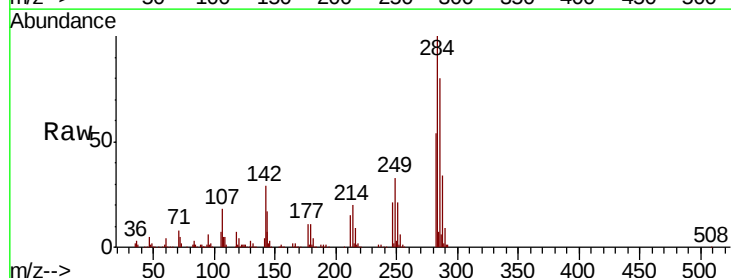
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.745 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	21.6	32.4
249	32.6	24.1	36.1

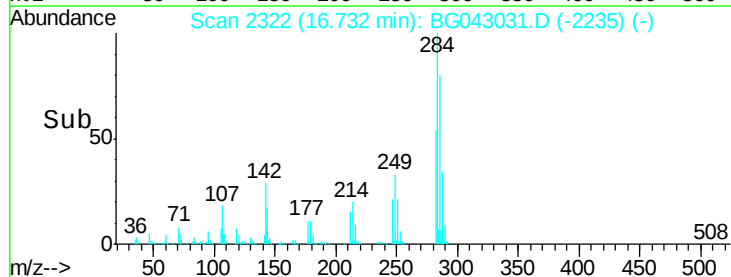
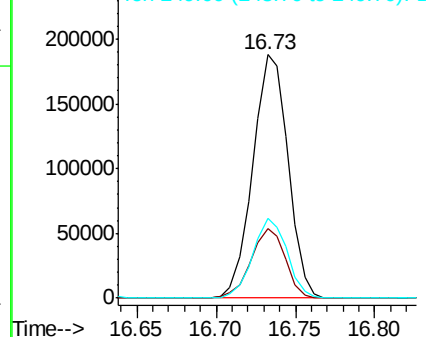


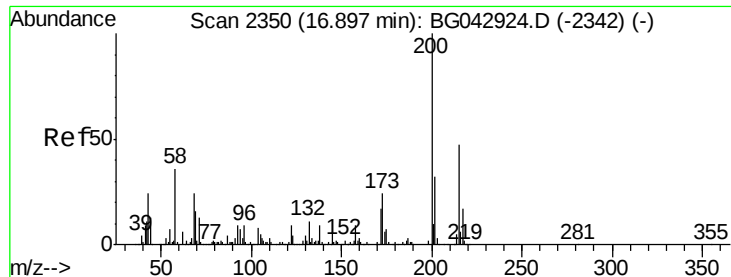
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





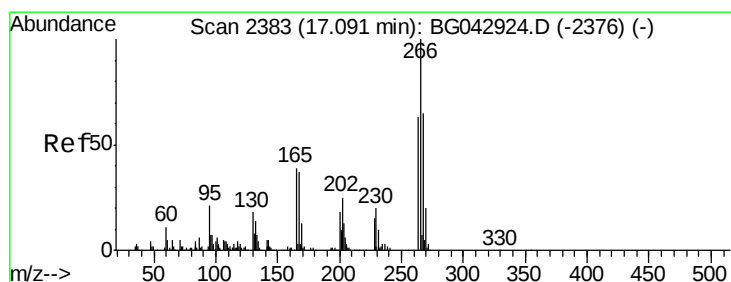
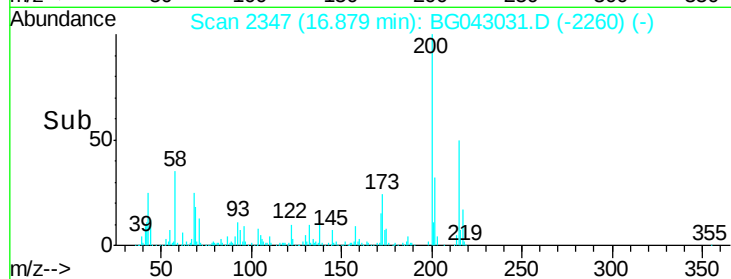
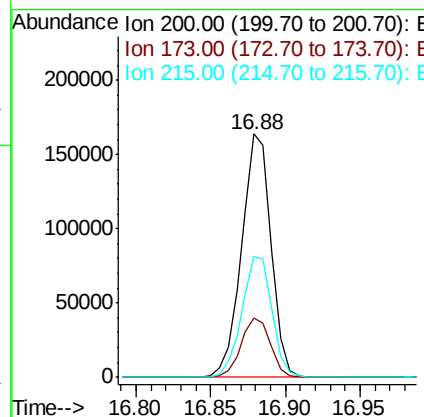
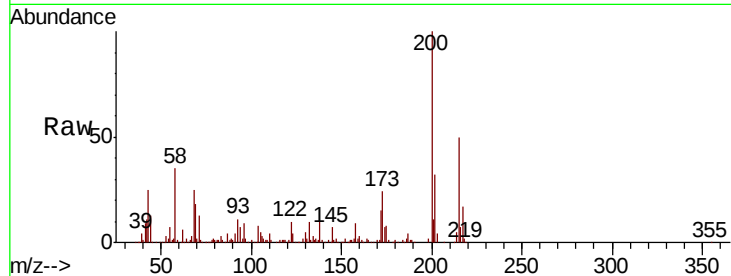
#69
Atrazine
Concen: 40.392 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	4.0	44.0
215	49.7	27.4	67.4

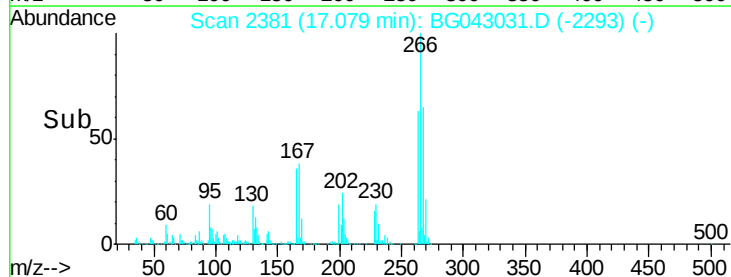
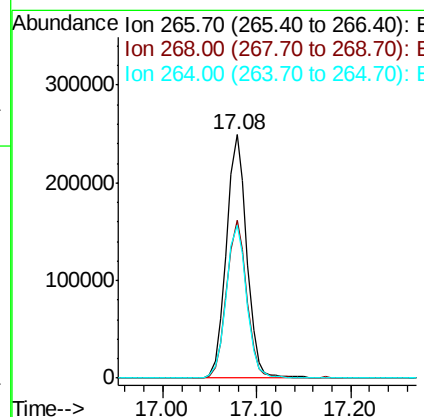
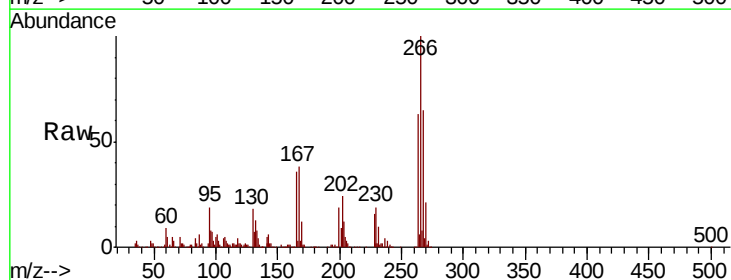
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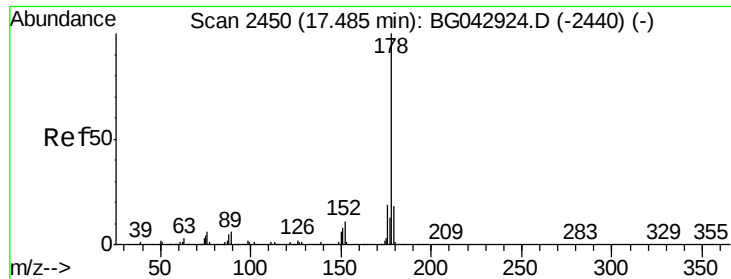
mohammad
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#70
Pentachlorophenol
Concen: 94.482 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	52.2	78.2
264	62.7	50.7	76.1





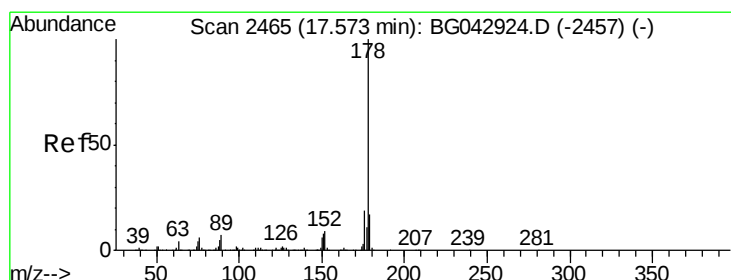
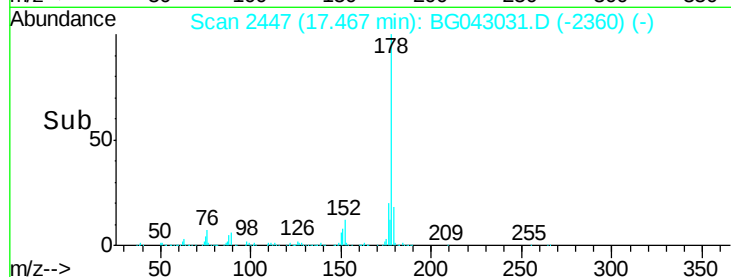
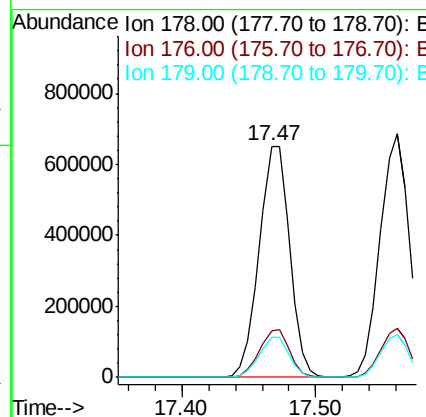
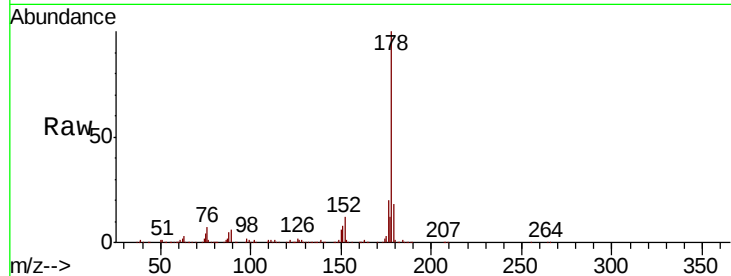
#71
Phenanthrene
Concen: 42.360 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	17.6	14.1	21.1

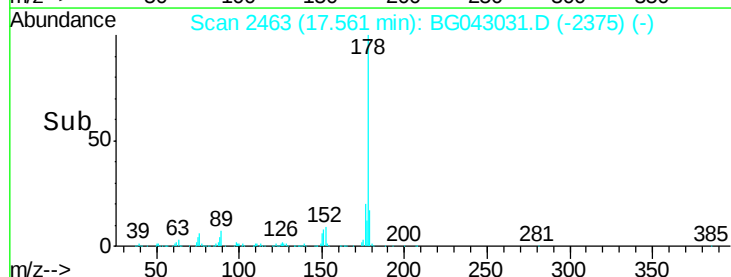
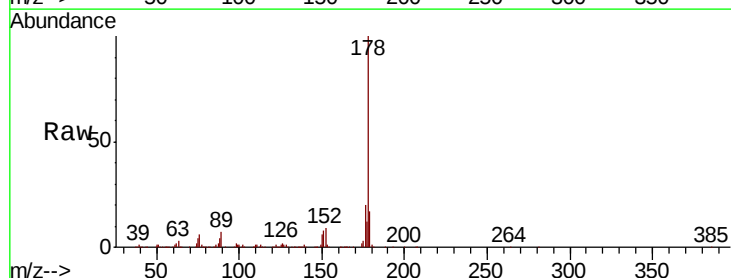
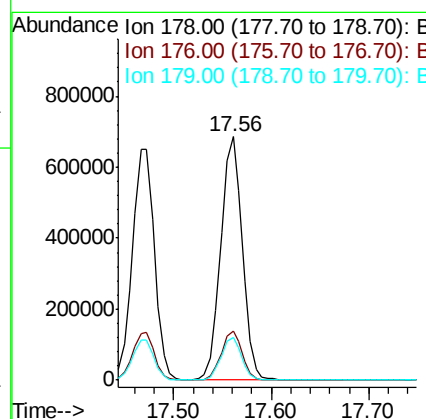
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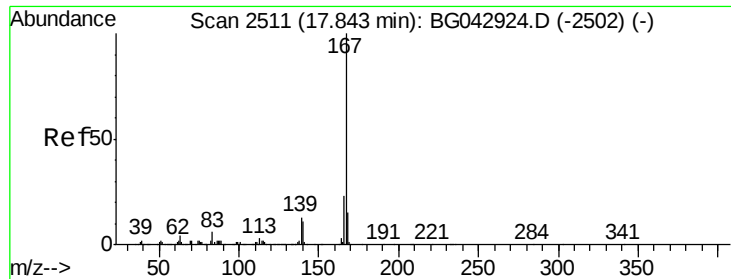
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#72
Anthracene
Concen: 43.189 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	17.4	13.5	20.3





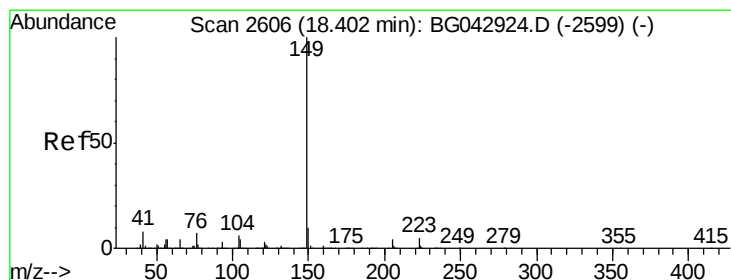
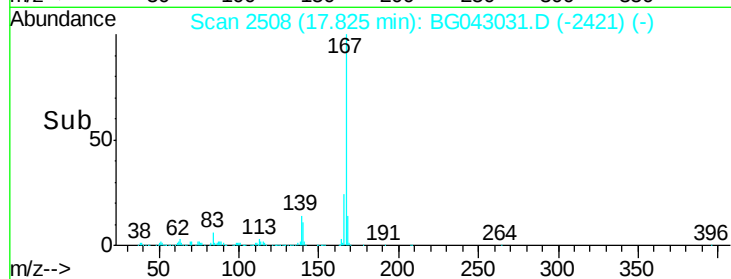
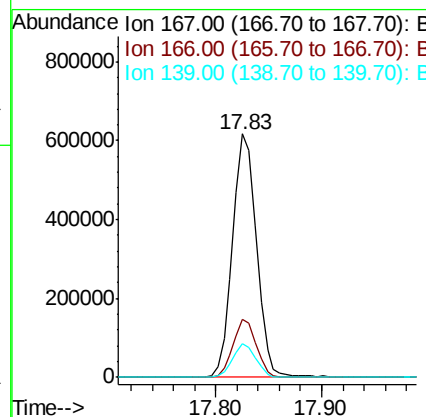
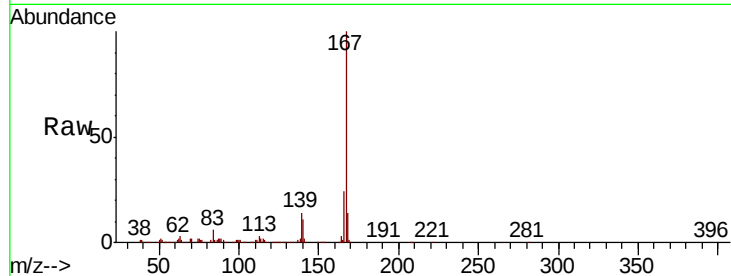
#73
 Carbazole
 Concen: 43.027 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	28.0
139	13.7	10.8	16.2

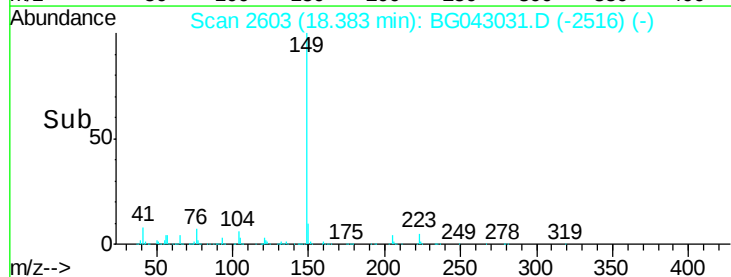
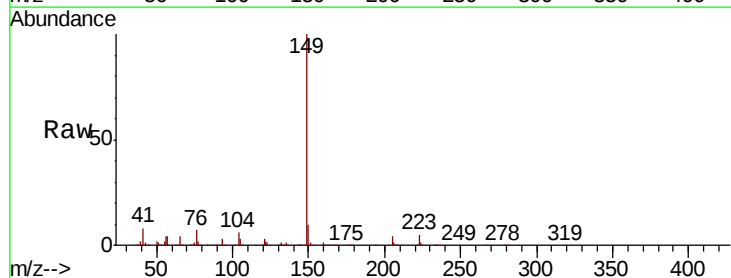
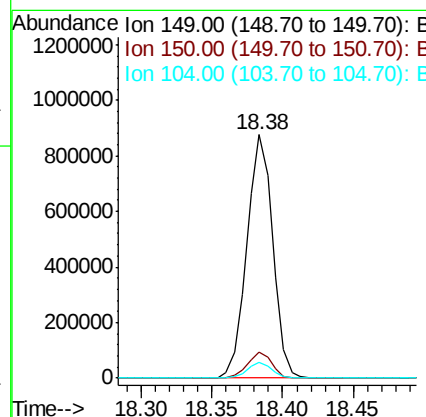
Manual Integrations
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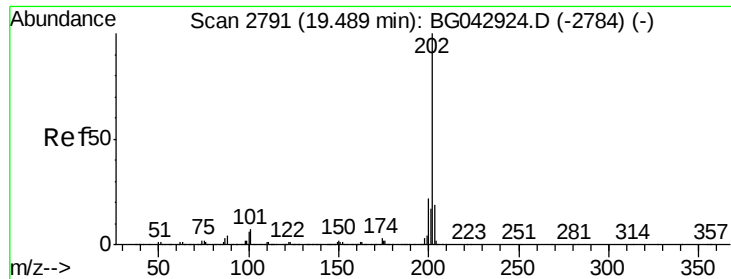
mohammad
 10/9/2019 8:31:43 AM



#74
 Di-n-butylphthalate
 Concen: 41.637 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.7	11.5
104	6.4	5.0	7.6





#75

Fluoranthene

Concen: 42.056 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

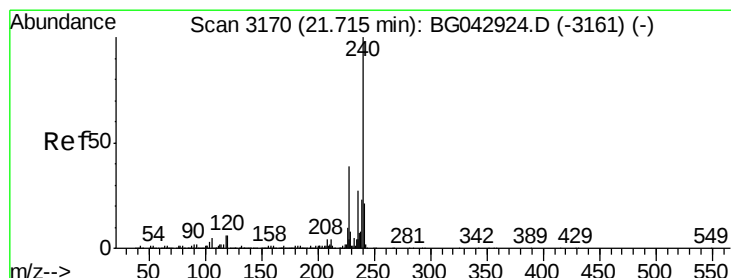
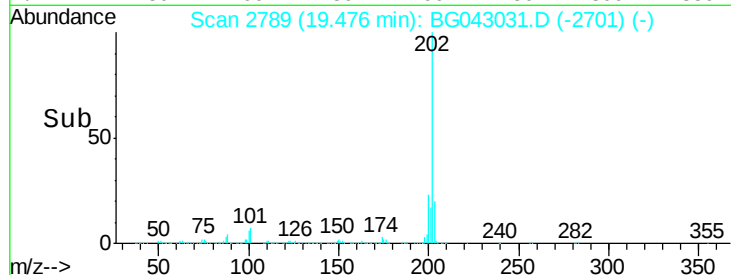
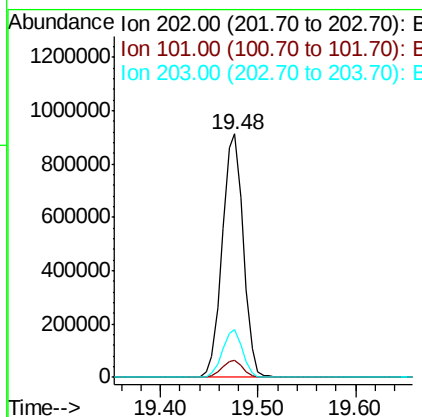
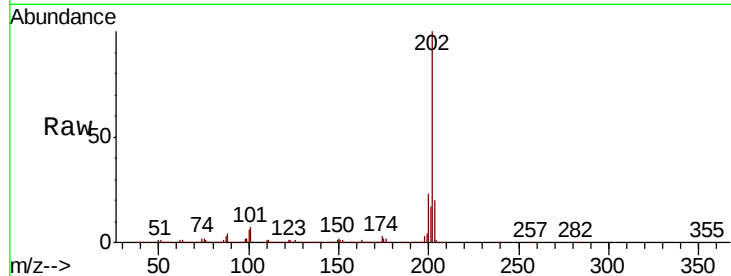
ClientSampleId :

PB123594BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.0	0.0	27.3		
203	19.5	0.0	39.5		

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#76

Chrysene-d12

Concen: 20.000 ng

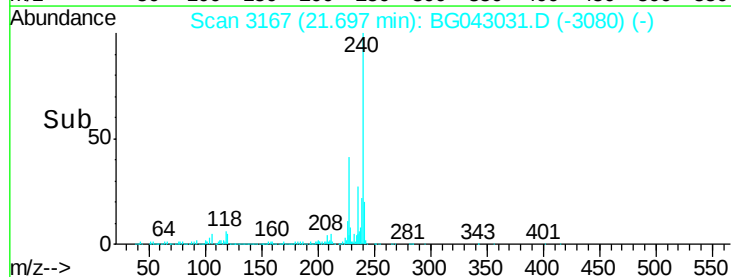
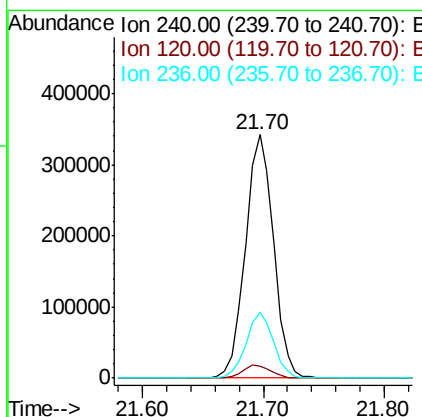
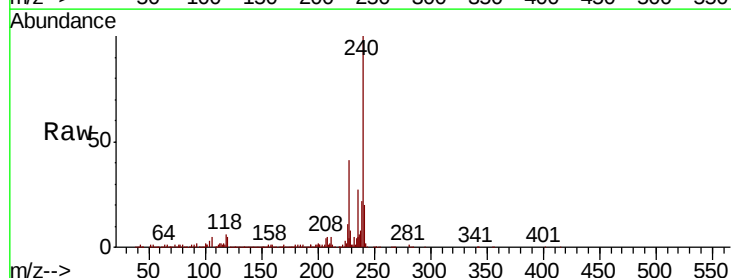
RT: 21.70 min Scan# 3167

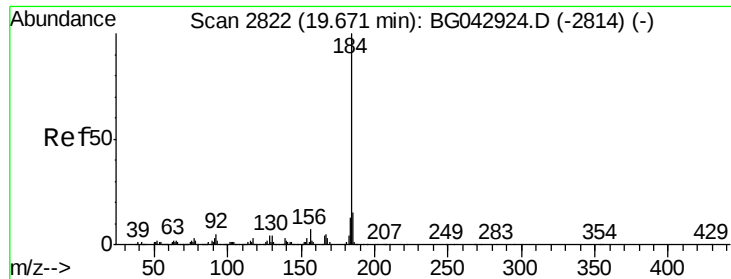
Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	4.9	4.8	7.2		
236	26.7	21.4	32.0		





#77

Benzidine

Concen: 28.139 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

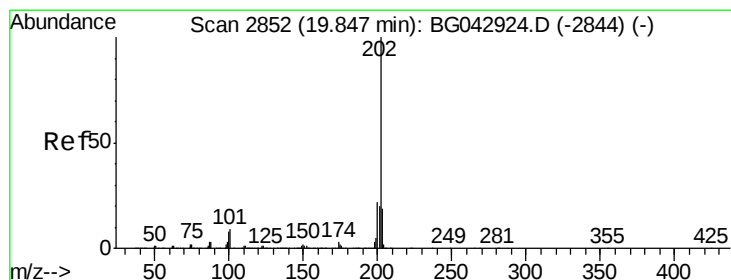
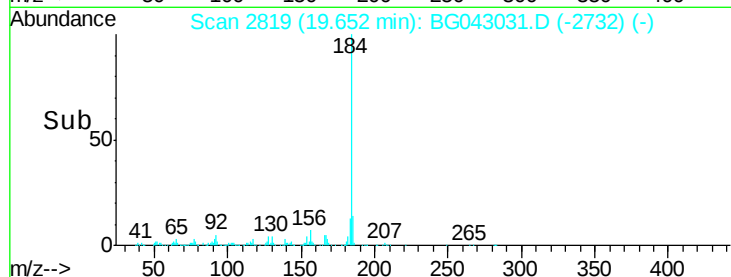
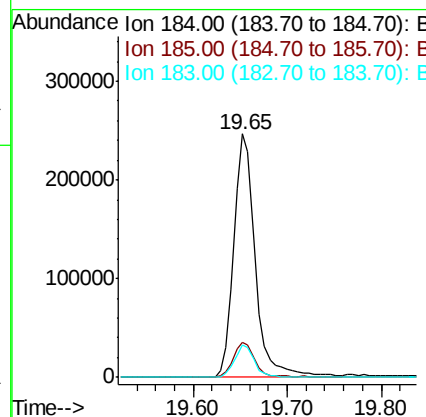
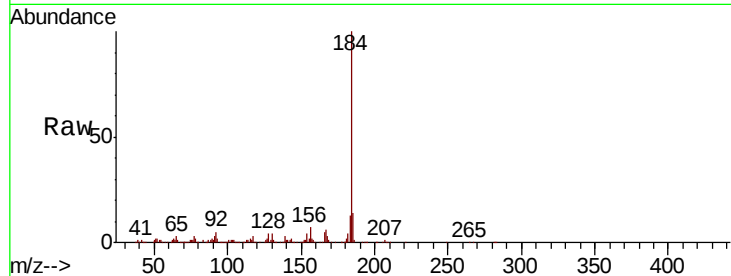
ClientSampleId :

PB123594BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	13.4	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 41.549 ng

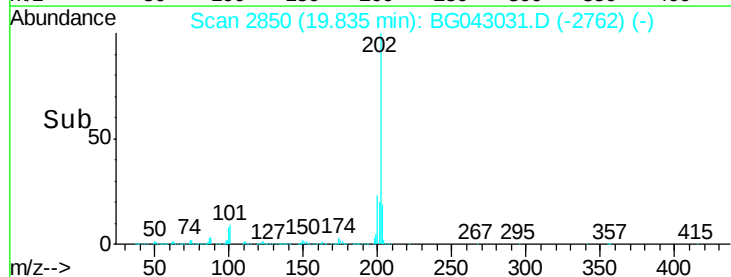
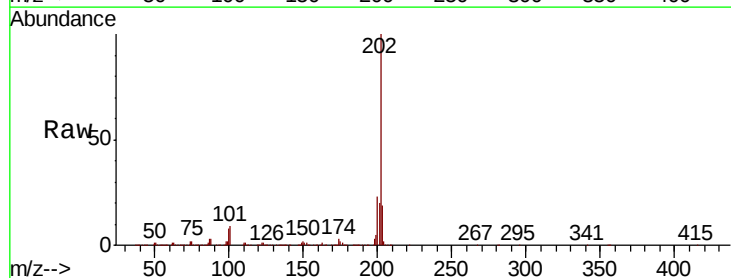
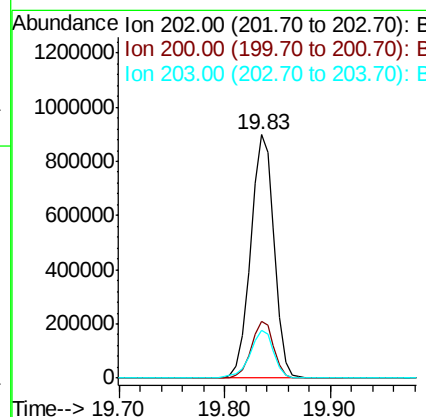
RT: 19.83 min Scan# 2850

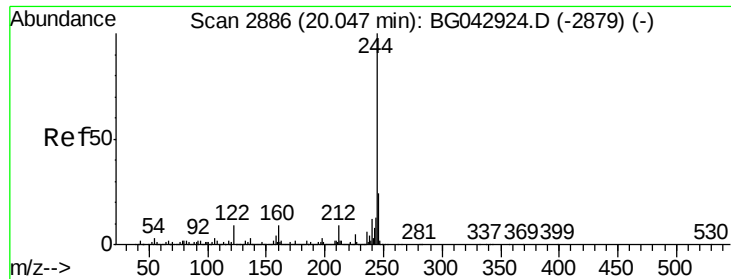
Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 68.724 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:244 Resp: 1796989

Ion Ratio Lower Upper

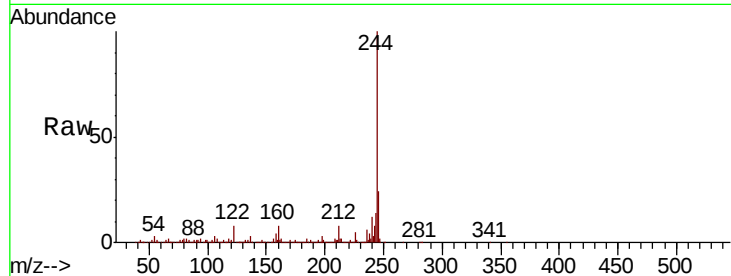
244 100

212 8.3 7.4 11.0

122 7.8 7.0 10.4

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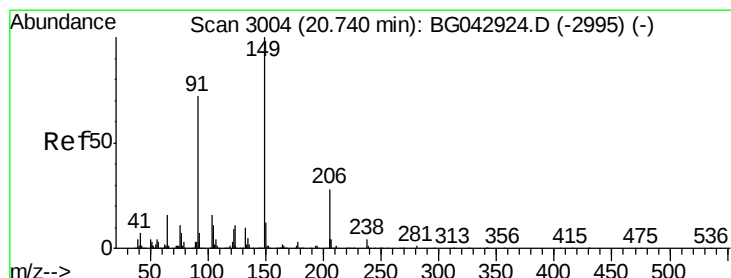
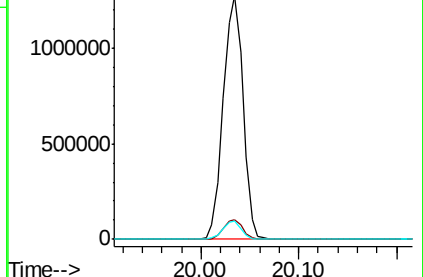
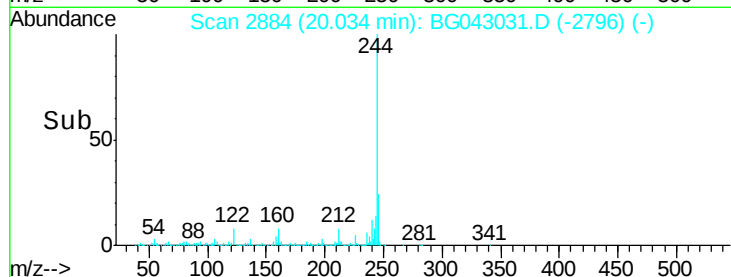
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.337 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

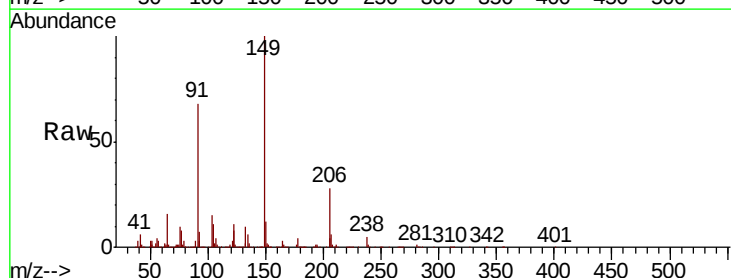
Tgt Ion:149 Resp: 534425

Ion Ratio Lower Upper

149 100

91 68.1 57.7 86.5

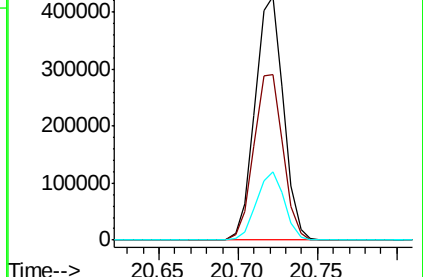
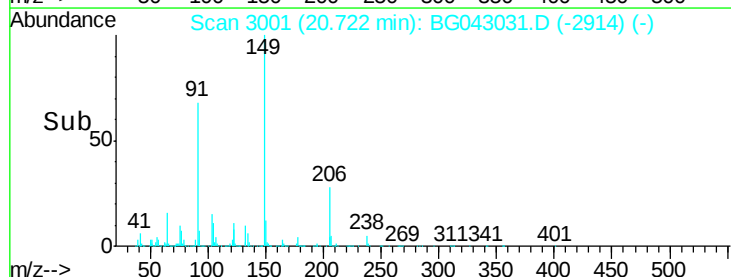
206 27.9 22.6 33.8

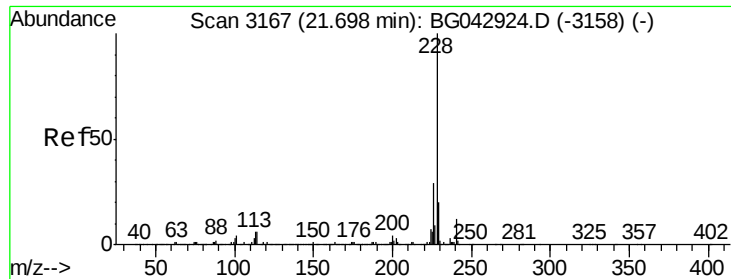


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.822 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

Instrument :

BNA_G

ClientSampled :

PB123594BS

Tot Ion:228 Resp: 1417238

Ion Ratio Lower Upper

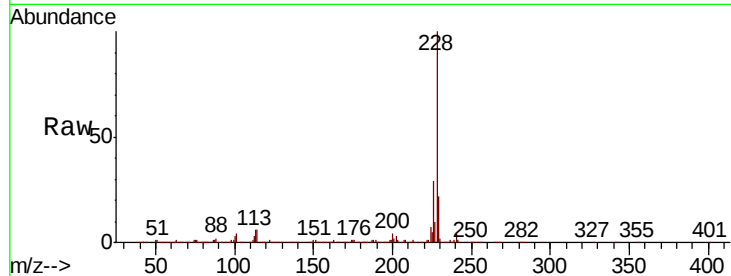
228 100

226 29.1 23.0 34.4

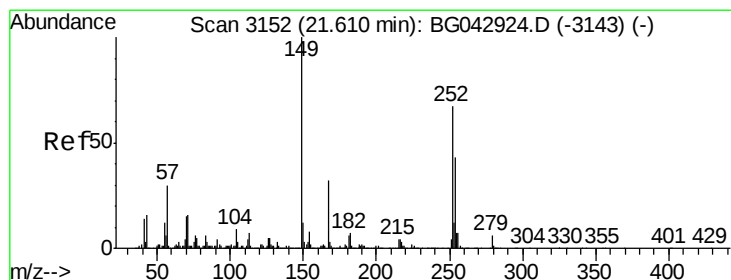
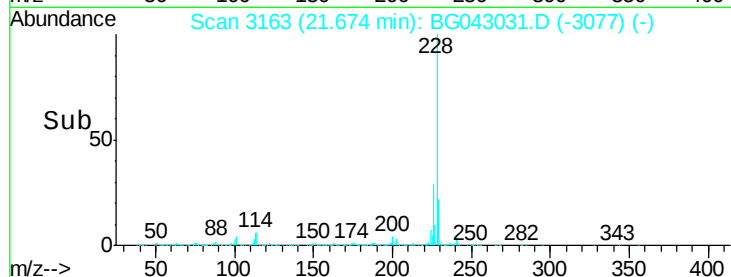
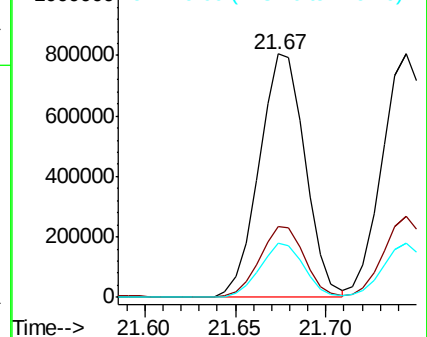
229 22.1 16.3 24.5

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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: 40.760 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG043031.D

Acq: 4 Oct 2019 17:00

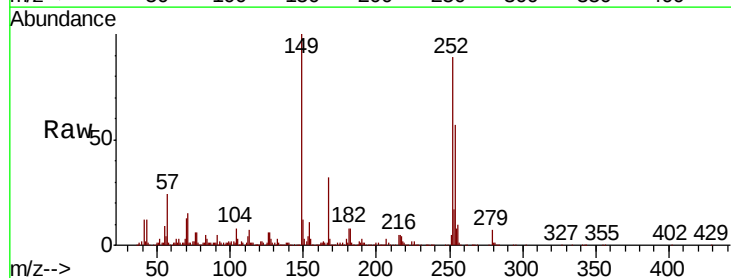
Tgt Ion:252 Resp: 555010

Ion Ratio Lower Upper

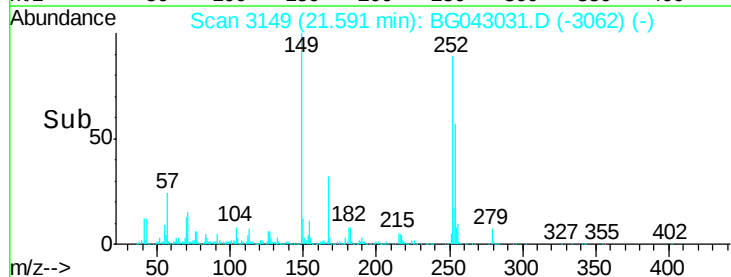
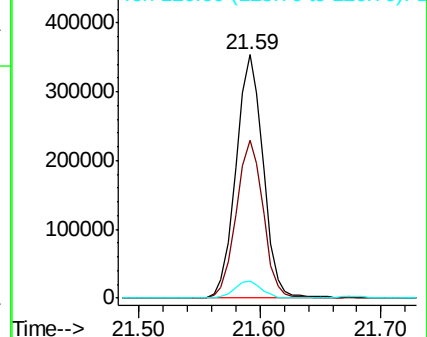
252 100

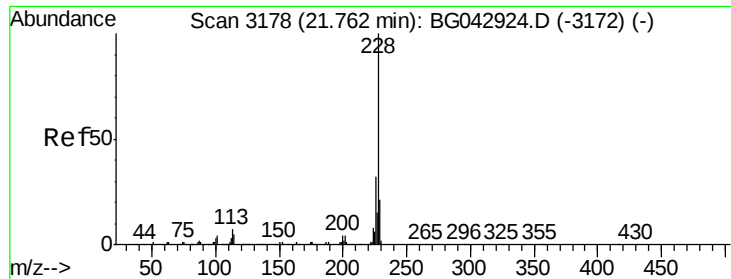
254 64.7 51.9 77.9

126 7.0 6.1 9.1



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





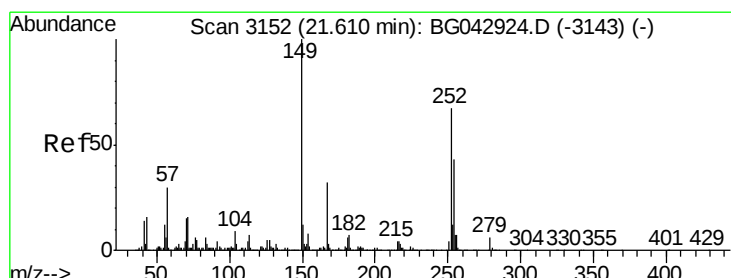
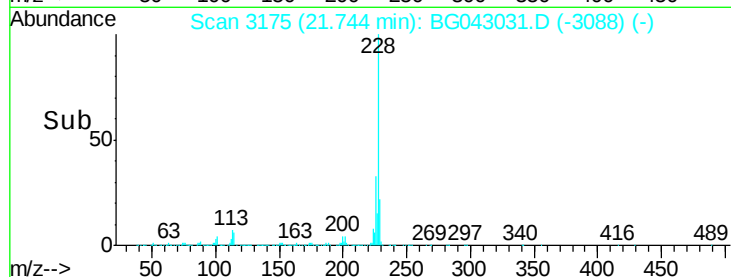
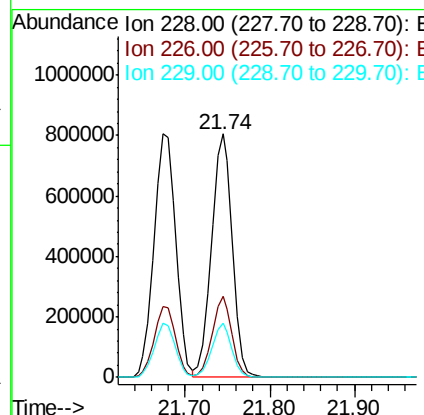
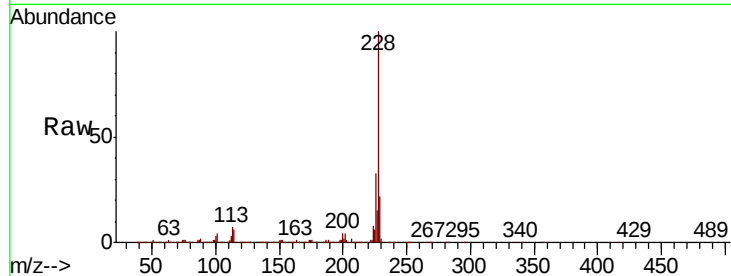
#83
 Chrysene
 Concen: 41.324 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Instrument :
 BNA_G
 ClientSampled :
 PB123594BS

Tot Ion:228 Resp: 1392232
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.6 38.4
 229 22.3 16.9 25.3

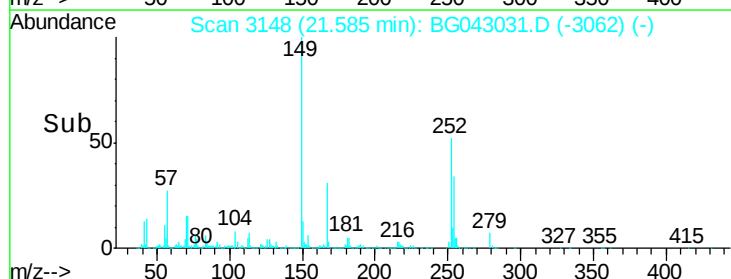
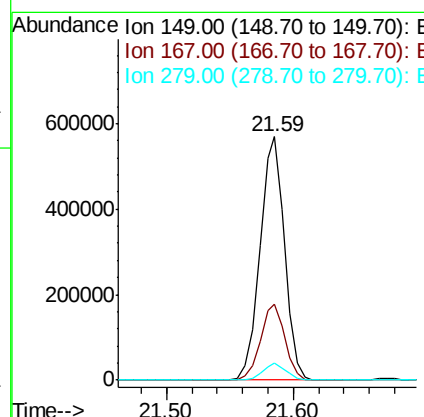
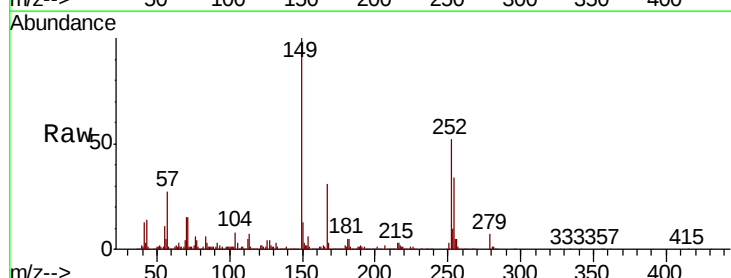
Manual Integrations
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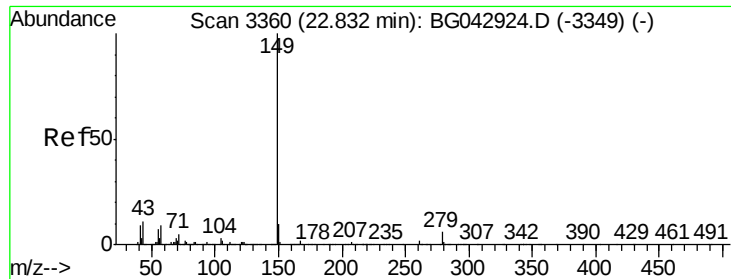
mohammad
 10/9/2019 8:31:43 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.532 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.02 min
 Lab File: BG043031.D
 Acq: 4 Oct 2019 17:00

Tgt Ion:149 Resp: 763949
 Ion Ratio Lower Upper
 149 100
 167 31.1 25.4 38.2
 279 7.0 5.1 7.7





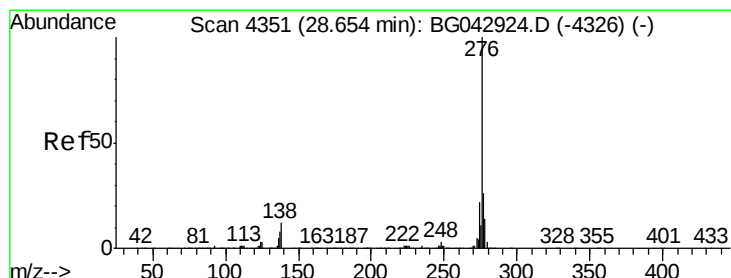
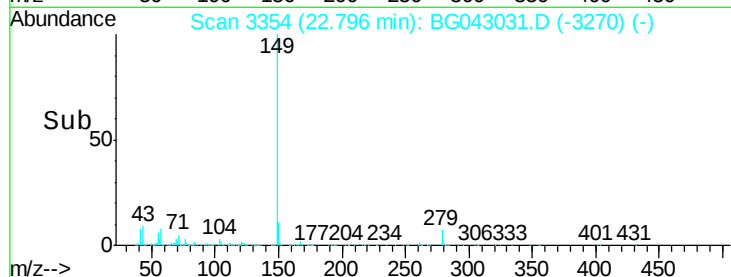
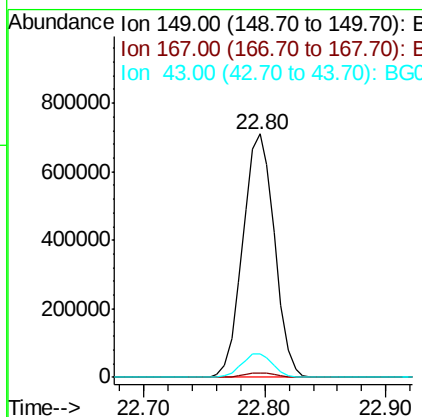
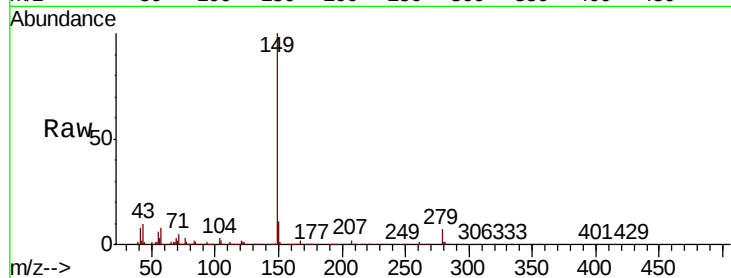
#85
Di-n-octyl phthalate
Concen: 44.020 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.6	8.7	13.1

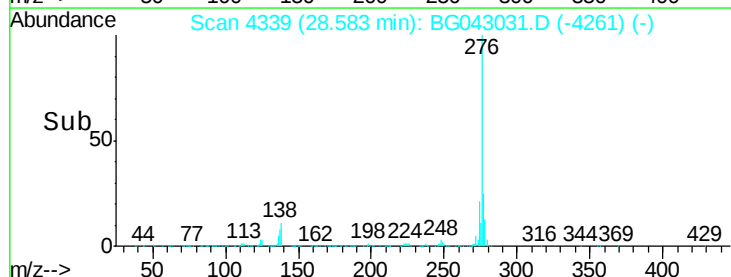
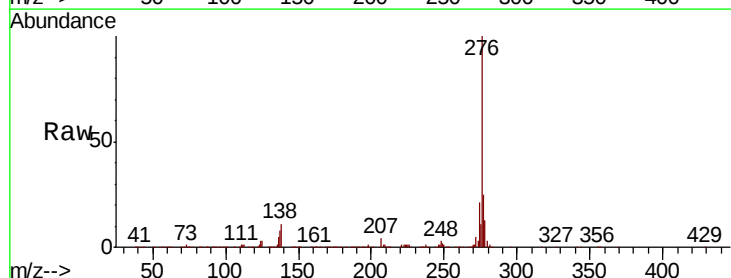
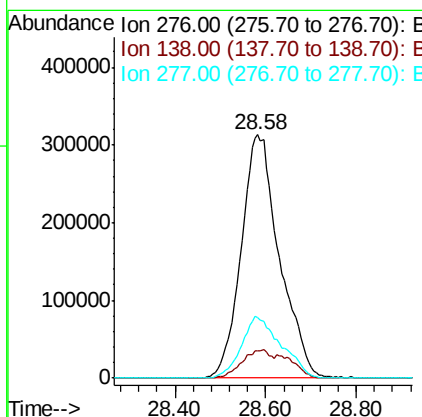
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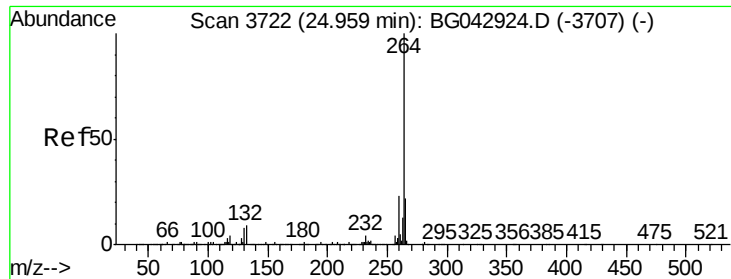
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.520 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	7.0	10.6
277	26.4	20.9	31.3





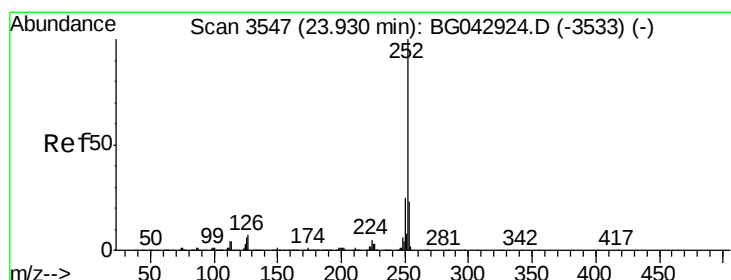
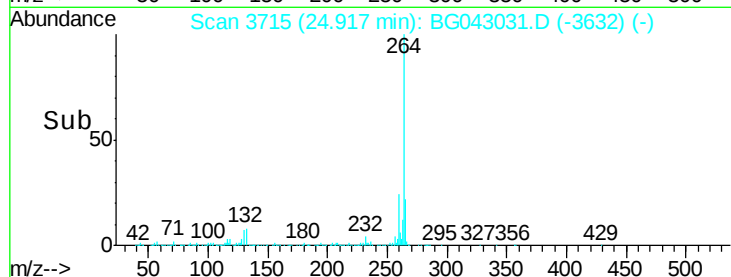
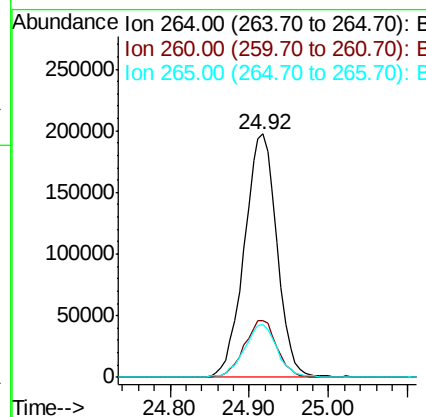
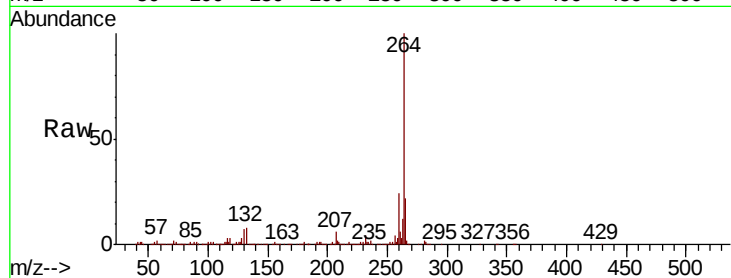
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.0	17.7	26.5

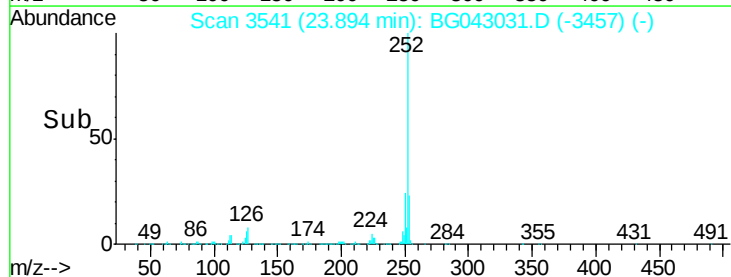
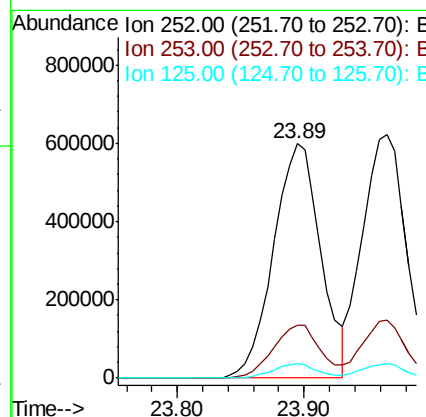
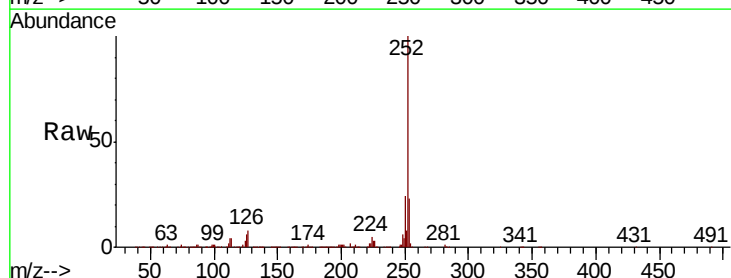
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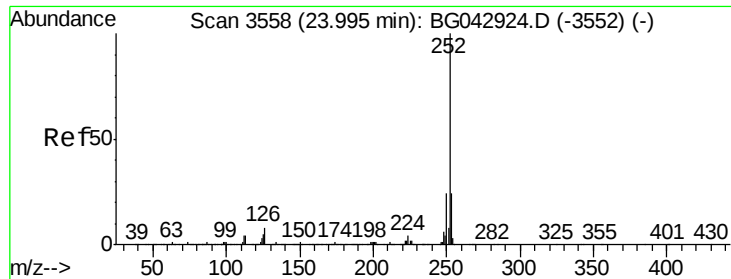
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.741 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	6.1	4.6	7.0





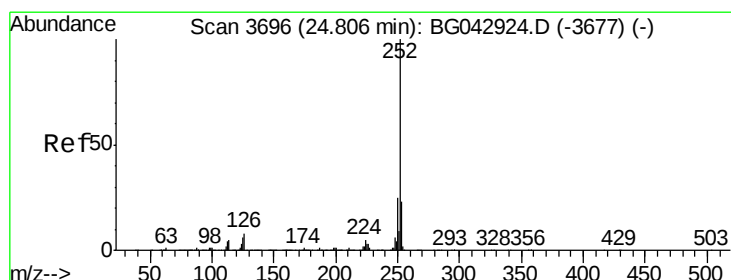
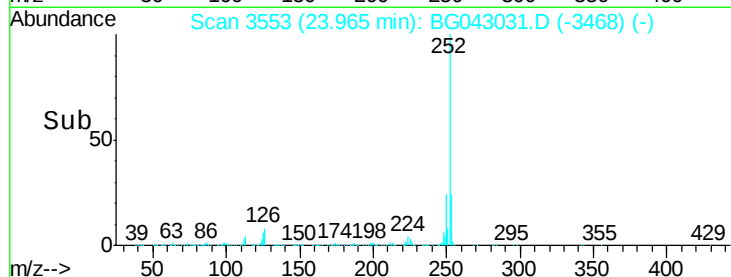
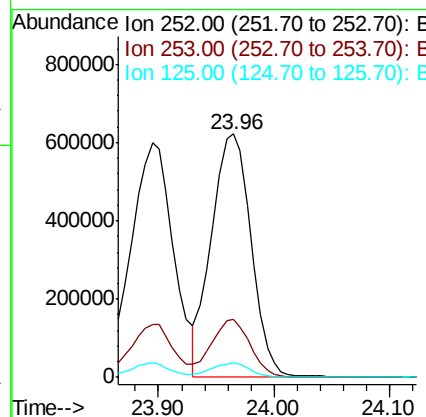
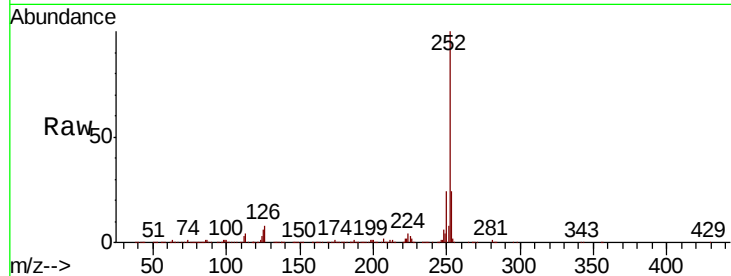
#89
Benzo(k)fluoranthene
Concen: 46.998 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	6.2	4.5	6.7

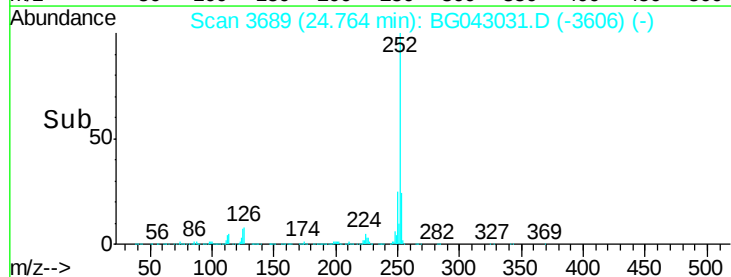
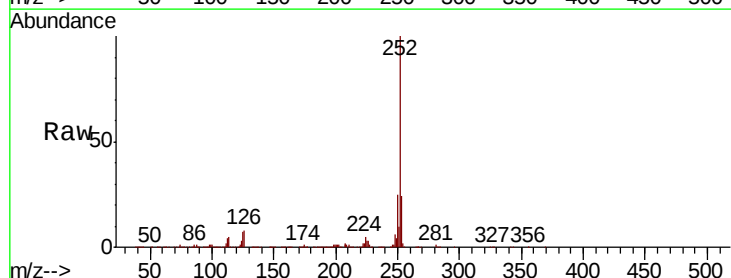
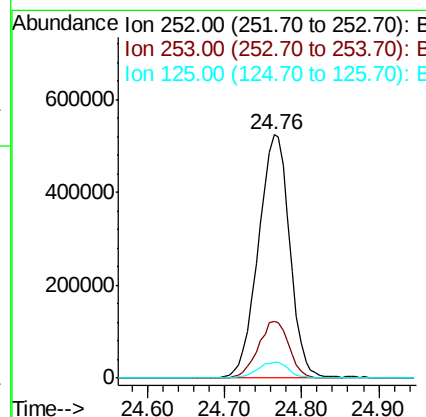
Manual Integrations
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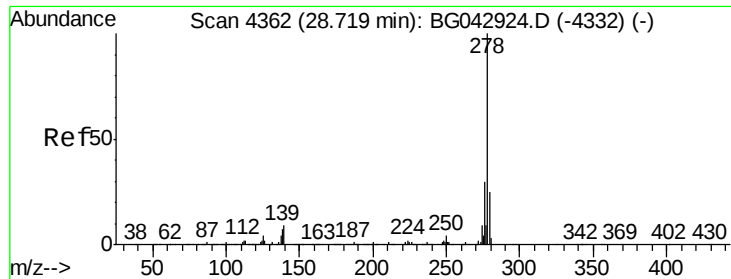
mohammad
10/9/2019 8:31:43 AM



#90
Benzo(a)pyrene
Concen: 49.680 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	6.6	5.0	7.6





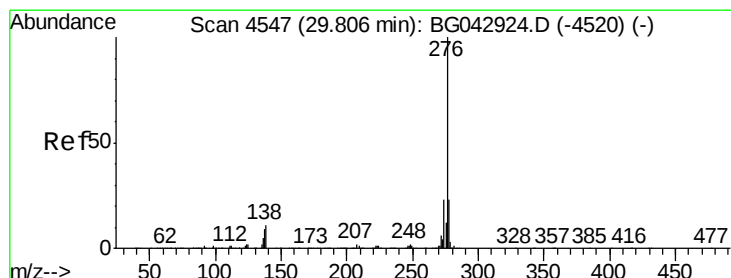
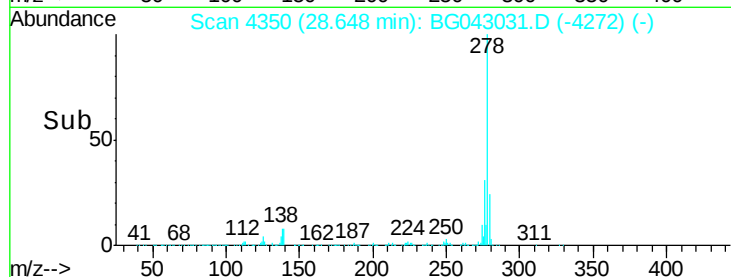
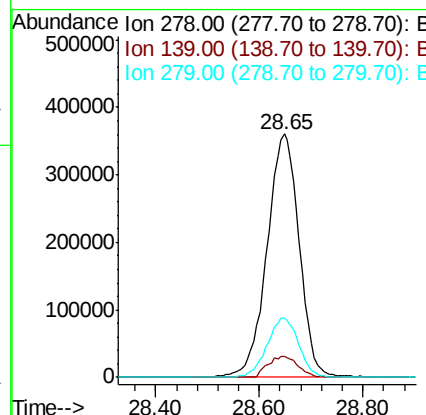
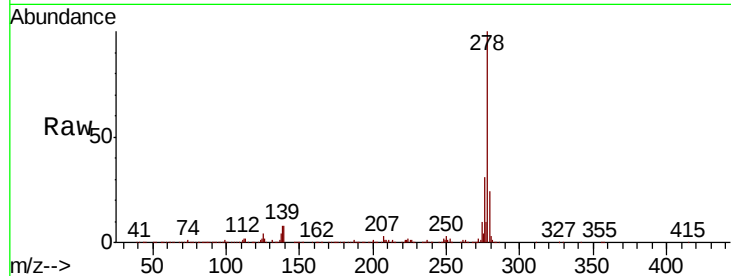
#91
Dibenzo(a,h)anthracene
Concen: 50.330 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	24.1	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/9/2019 8:31:43 AM



#92
Benzo(g,h,i)perylene
Concen: 51.330 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043031.D
Acq: 4 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	12.1	8.6	12.8

