

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044350.D
 Acq On : 8 Feb 2020 00:50
 Operator : CG/JU
 Sample : PB126664BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:18 AM

Quant Time: Feb 08 03:14:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	108495	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	455574	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	262226	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	568648	20.00	ng	0.00
76) Chrysene-d12	21.54	240	553638	20.00	ng	0.00
87) Perylene-d12	24.63	264	399599	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	789212	128.38	ng	0.00
7) Phenol-d6	7.09	99	1059975	128.40	ng	0.00
23) Nitrobenzene-d5	9.07	82	615742	76.30	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	381224	123.84	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1314112	83.92	ng	0.00
79) Terphenyl-d14	19.91	244	1786283	66.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	86354	31.264	ng	98
3) Pyridine	3.78	79	222034	30.173	ng	98
4) n-Nitrosodimethylamine	3.69	42	115305	37.497	ng	97
6) Aniline	7.24	93	248523	24.253	ng	100
8) 2-Chlorophenol	7.48	128	289681	42.875	ng	99
10) Phenol	7.12	94	354709	43.416	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	272187	38.969	ng	97
12) 1,3-Dichlorobenzene	7.80	146	293182	36.344	ng	98
13) 1,4-Dichlorobenzene	7.95	146	298318	37.338	ng	100
14) 1,2-Dichlorobenzene	8.27	146	285394	37.791	ng	99
15) Benzyl Alcohol	8.15	79	246345	42.150	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	370978	39.241	ng	99
17) 2-Methylphenol	8.36	107	249524	42.807	ng	98
18) Hexachloroethane	9.00	117	110512	36.860	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	212354	38.598	ng	99
20) 3+4-Methylphenols	8.69	107	339490	42.260	ng	99
22) Acetophenone	8.73	105	408179	36.830	ng	100
24) Nitrobenzene	9.11	77	302902	38.450	ng	99
25) Isophorone	9.64	82	576091	38.303	ng	99
26) 2-Nitrophenol	9.82	139	168762	41.285	ng	99
27) 2,4-Dimethylphenol	9.89	122	267031	46.277	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	369014	36.778	ng	99
29) 2,4-Dichlorophenol	10.36	162	285011	40.849	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	295997	36.998	ng	99
31) Naphthalene	10.76	128	847742	38.354	ng	100
32) Benzoic acid	10.06	122	159282	43.706	ng	93
33) 4-Chloroaniline	10.87	127	196158	19.513	ng	99
34) Hexachlorobutadiene	11.05	225	174425	35.432	ng	99
35) Caprolactam	11.64	113	94964m	37.155	ng	
36) 4-Chloro-3-methylphenol	12.00	107	292275	39.954	ng	99
37) 2-Methylnaphthalene	12.37	142	631590	38.486	ng	100
38) 1-Methylnaphthalene	12.59	142	600614	38.819	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	318471	40.600	ng	98
41) Hexachlorocyclopentadiene	12.73	237	218592	58.077	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.98	196	223168	44.016	nq	97
44) 2,4,5-Trichlorophenol	13.06	196	233019	44.996	nq	99
46) 1,1'-Biphenyl	13.38	154	790319	41.783	nq	100
47) 2-Chloronaphthalene	13.42	162	609138	40.471	nq	99
48) 2-Nitroaniline	13.62	65	176728	39.786	nq	99
49) Acenaphthylene	14.27	152	929259	42.093	nq	100
50) Dimethylphthalate	14.00	163	758617	40.246	nq	100
51) 2,6-Dinitrotoluene	14.12	165	176796	42.066	nq	99
52) Acenaphthene	14.61	154	585269	40.902	nq	99
53) 3-Nitroaniline	14.45	138	122153	26.271	nq	98
54) 2,4-Dinitrophenol	14.66	184	209285	83.653	nq	98
55) Dibenzofuran	14.95	168	900415	41.561	nq	100
56) 4-Nitrophenol	14.77	139	294970	86.603	nq	97
57) 2,4-Dinitrotoluene	14.91	165	240748	40.870	nq	99
58) Fluorene	15.60	166	712215	41.738	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	210157	44.927	nq	98
60) Diethylphthalate	15.37	149	757616	40.337	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	375264	40.560	nq	98
62) 4-Nitroaniline	15.61	138	168784	36.327	nq	98
63) Azobenzene	15.88	77	674222	40.958	nq	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	149179	47.525	nq	96
66) n-Nitrosodiphenylamine	15.80	169	652639	40.954	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	245244	39.585	nq	98
68) Hexachlorobenzene	16.61	284	263754	38.000	nq	99
69) Atrazine	16.75	200	143953	26.355	nq	98
70) Pentachlorophenol	16.95	266	454019	127.416	nq	96
71) Phenanthrene	17.33	178	1104624	40.116	nq	99
72) Anthracene	17.42	178	1095538	40.242	nq	100
73) Carbazole	17.69	167	1017903	40.559	nq	99
74) Di-n-butylphthalate	18.26	149	1252065	40.371	nq	100
75) Fluoranthene	19.34	202	1297931	40.746	nq	100
77) Benzidine	19.52	184	157082	10.229	nq	98
78) Pyrene	19.70	202	1303009	36.648	nq	99
80) Butylbenzylphthalate	20.60	149	592381	36.561	nq	100
81) Benzo(a)anthracene	21.52	228	1249597	36.622	nq	100
82) 3,3'-Dichlorobenzidine	21.44	252	368046	27.792	nq	99
83) Chrysene	21.58	228	1172721	35.557	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	801372	35.933	nq	99
85) Di-n-octyl phthalate	22.61	149	1425573	36.944	nq	100
86) Indeno(1,2,3-cd)pyrene	28.13	276	1503190	34.934	nq	100
88) Benzo(b)fluoranthene	23.65	252	1338509	58.130	nq	100
89) Benzo(k)fluoranthene	23.72	252	1258387	56.072	nq	99
90) Benzo(a)pyrene	24.49	252	1258505	57.806	nq	97
91) Dibenzo(a,h)anthracene	28.19	278	1253534	58.179	nq	98
92) Benzo(g,h,i)perylene	29.22	276	1261519	58.487	nq	99

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

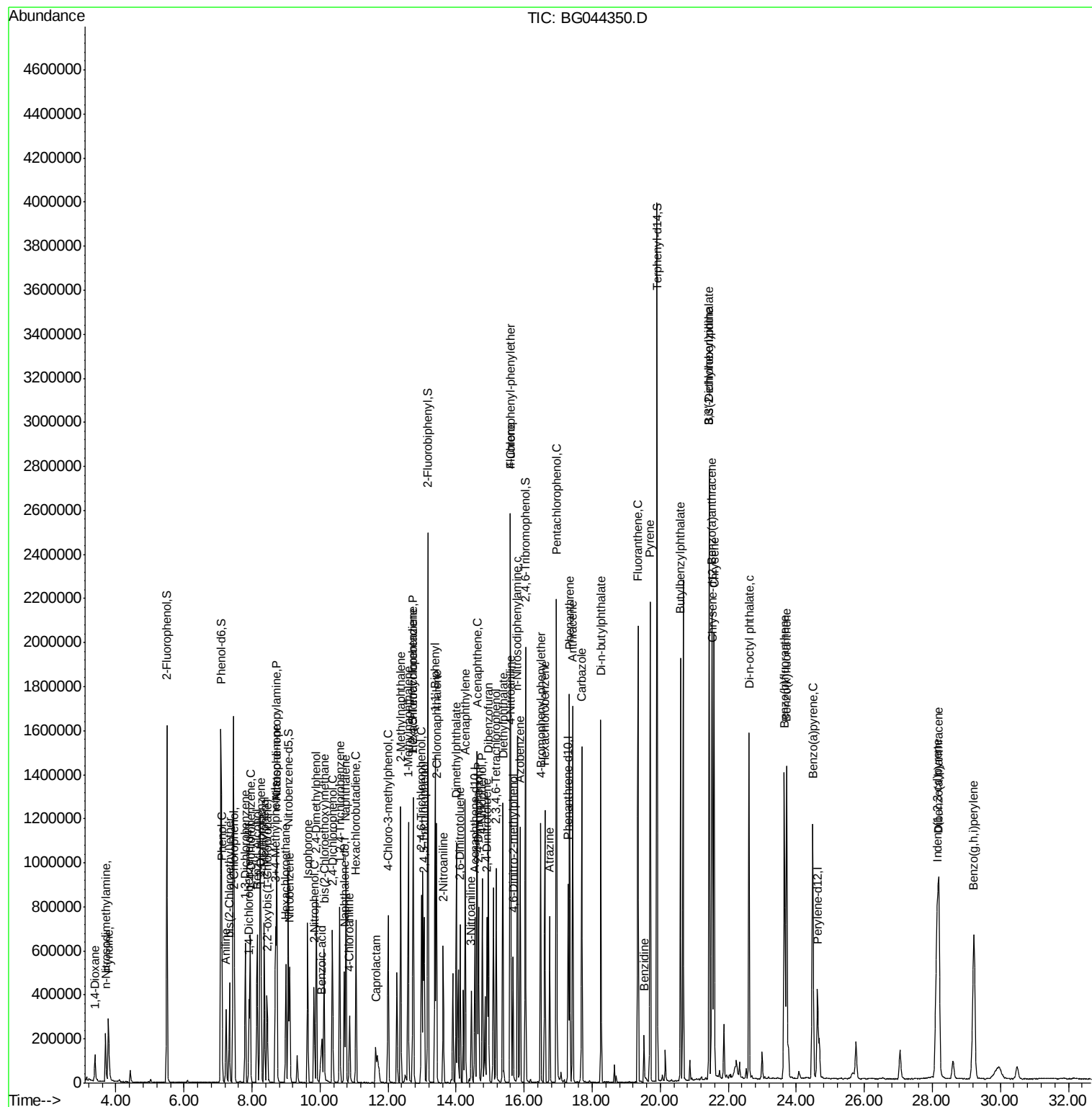
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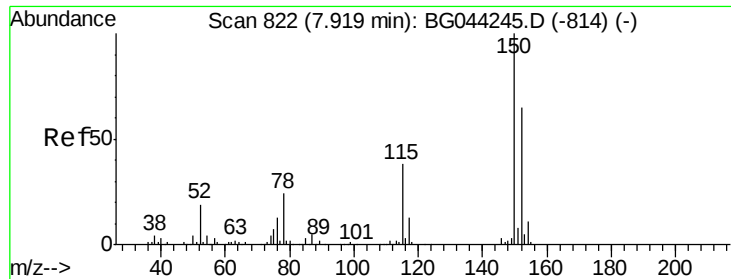
Instrument :
 BNA_G
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#1

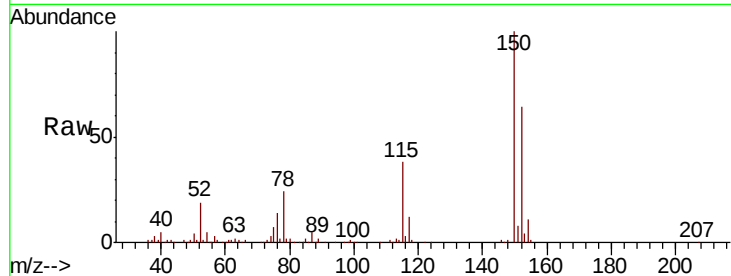
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.6	183.8
115	58.7	46.0	69.0

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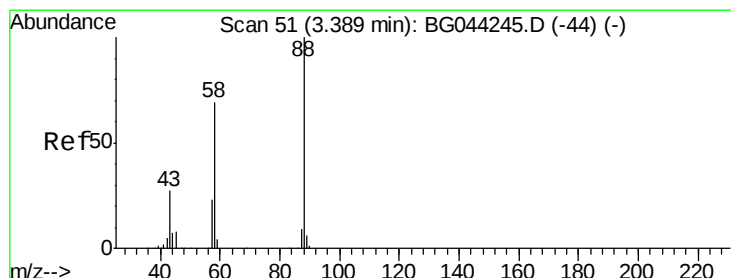
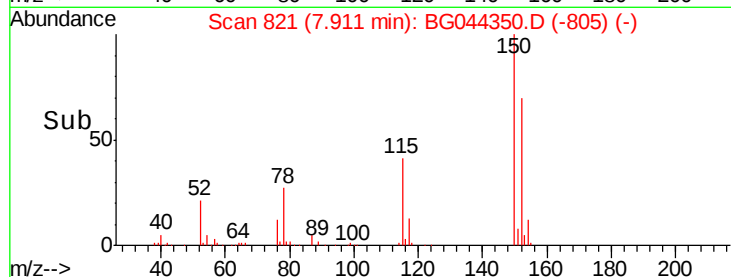
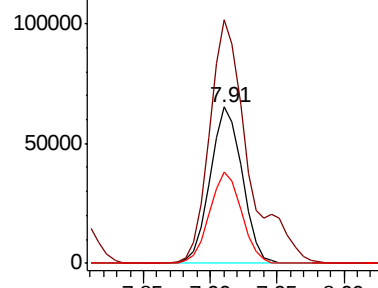


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

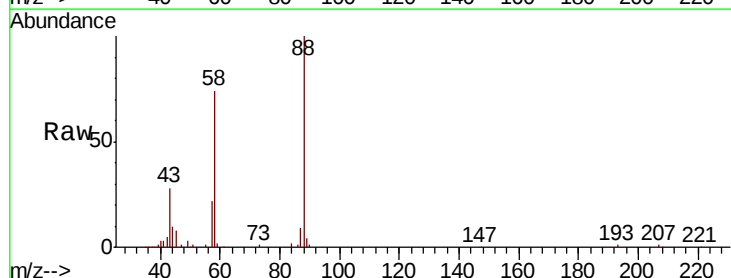
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.264 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	55.8	83.6
43	26.9	21.6	32.4

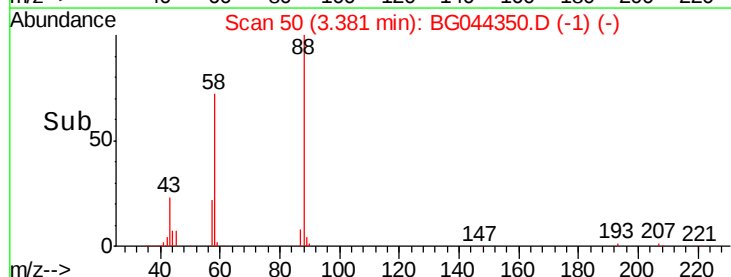
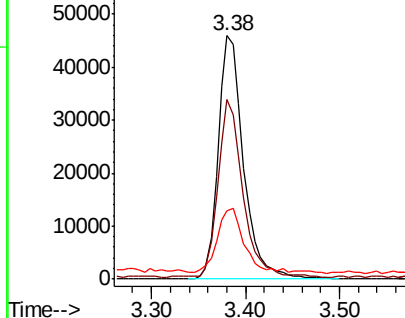


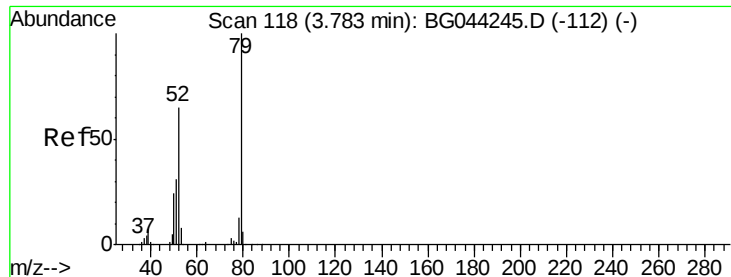
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.173 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

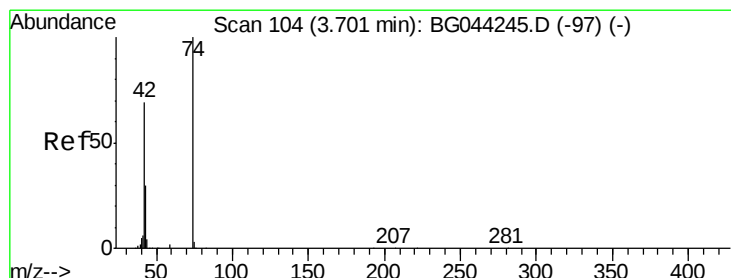
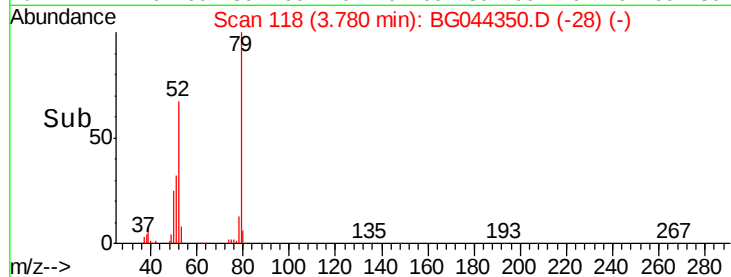
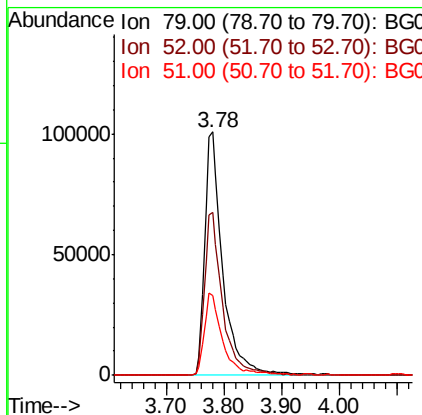
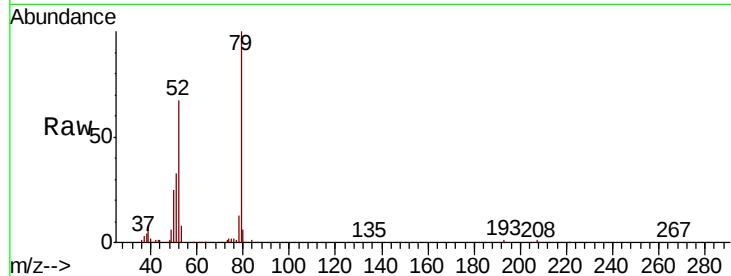
ClientSampleId :

PB126664BS

Tot Ion:	79	Resp:	222034
Ion	Ratio	Lower	Upper
79	100		
52	67.0	51.9	77.9
51	32.6	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 37.497 ng

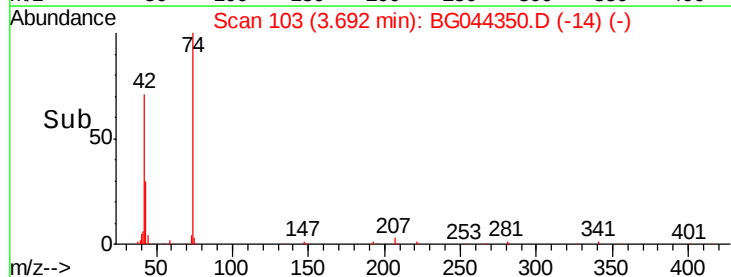
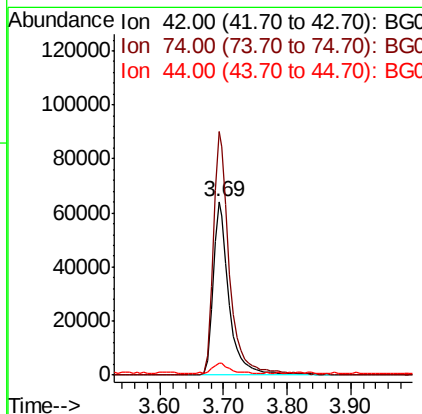
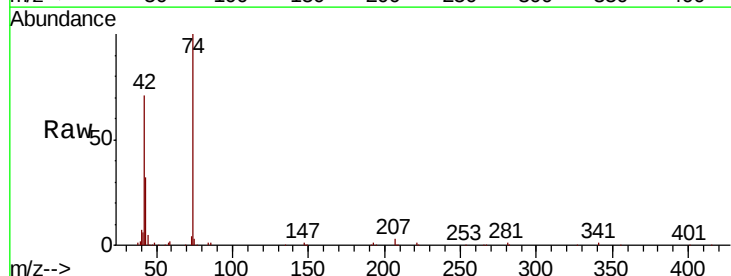
RT: 3.69 min Scan# 103

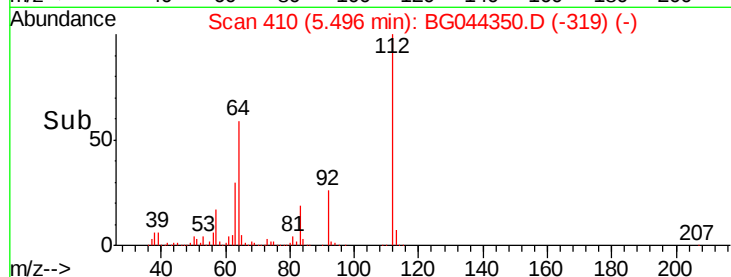
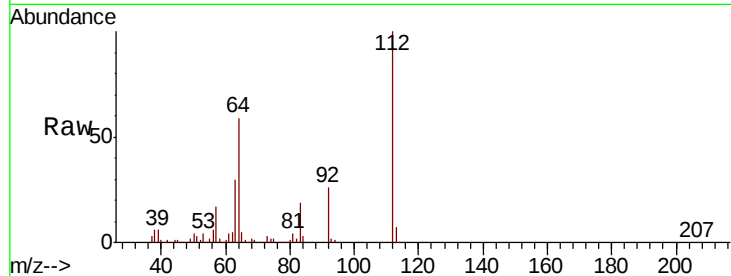
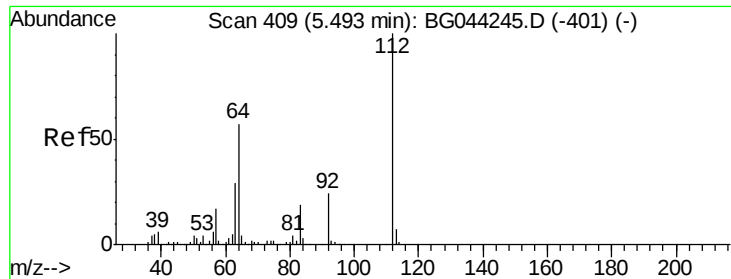
Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:	42	Resp:	115305
Ion	Ratio	Lower	Upper
42	100		
74	140.5	115.1	172.7
44	7.2	5.6	8.4





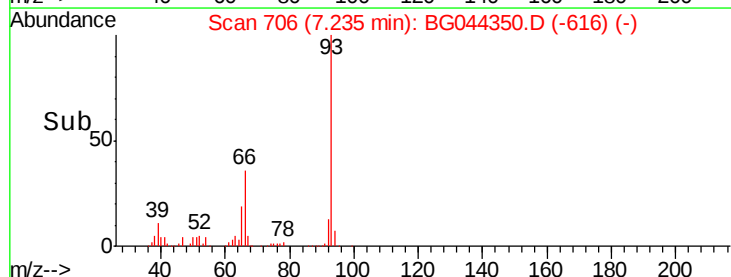
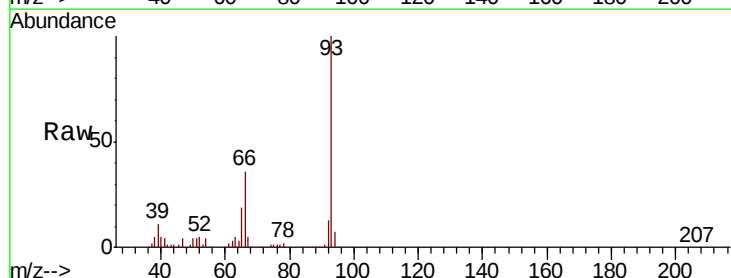
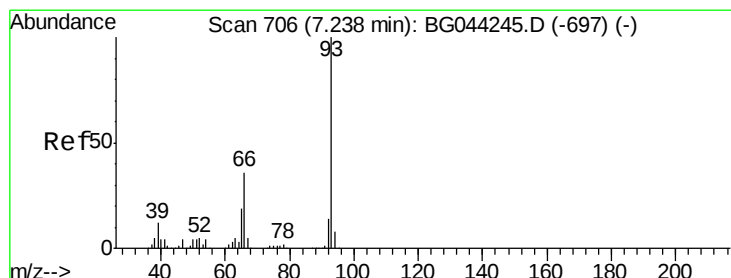
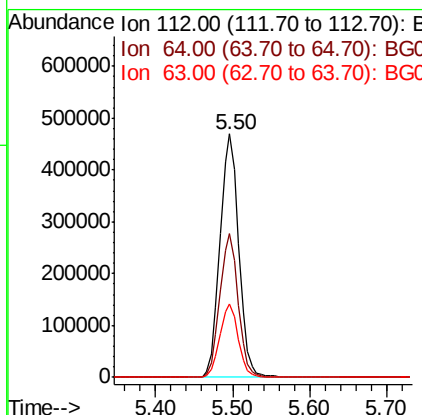
#5
2-Fluorophenol
Concen: 128.378 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.1	45.4	68.2
63	30.2	22.9	34.3

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BNA_G
ClientSampleId :
PB126664BS

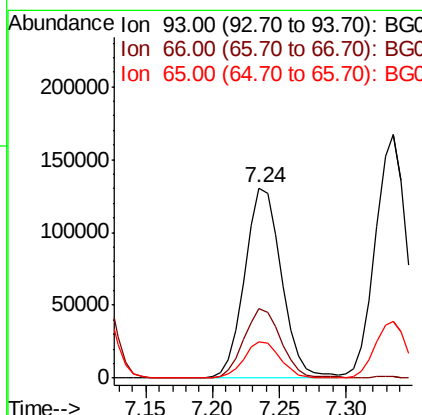
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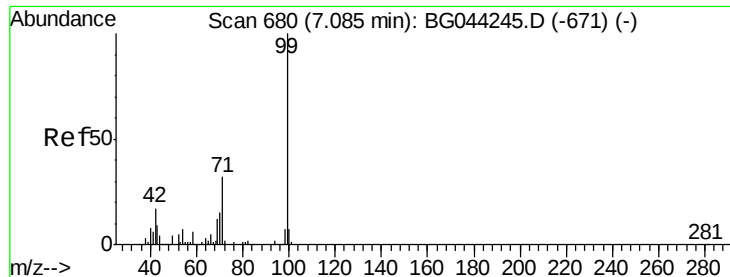
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#6
Aniline
Concen: 24.253 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.3	28.7	43.1
65	19.2	15.4	23.0





#7

Phenol-d6

Concen: 128.400 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

ClientSampleId :

PB126664BS

Tot Ion: 99 Resp: 1059975

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.6

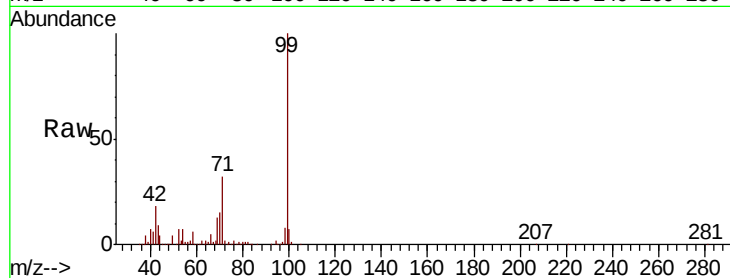
71 32.4 25.5 38.3

Manual Integrations

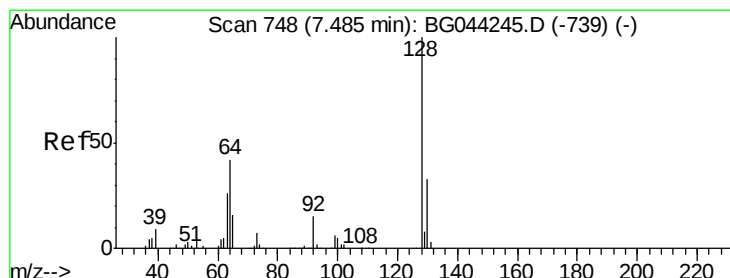
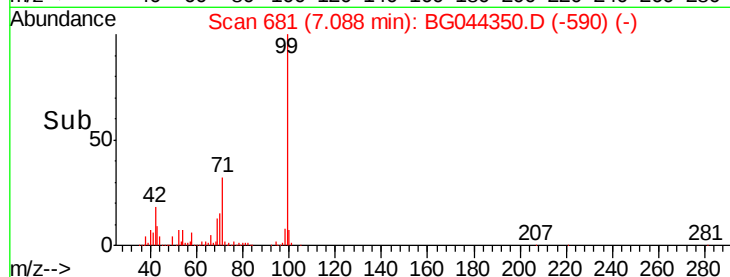
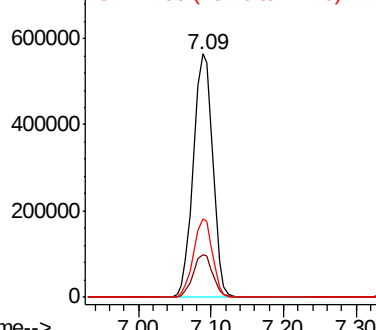
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.875 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

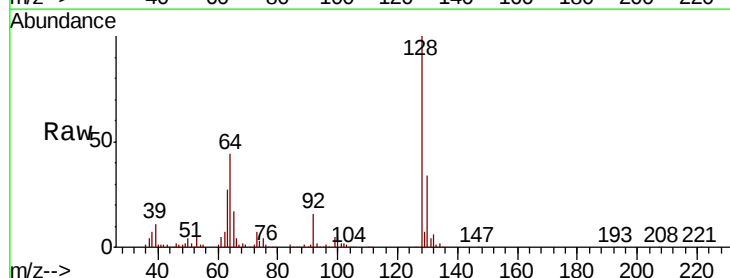
Tgt Ion: 128 Resp: 289681

Ion Ratio Lower Upper

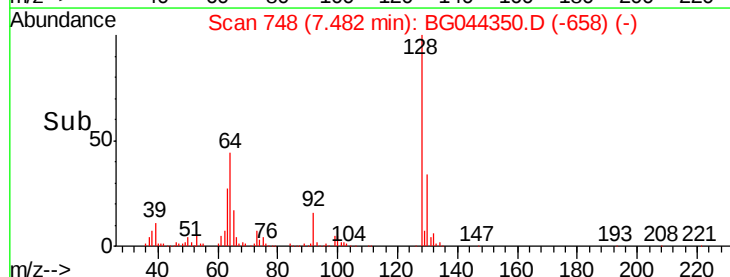
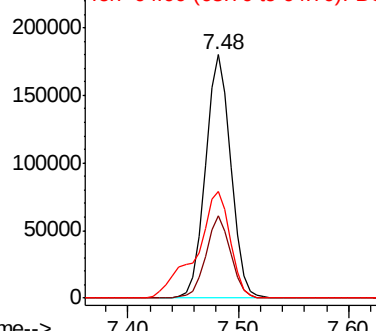
128 100

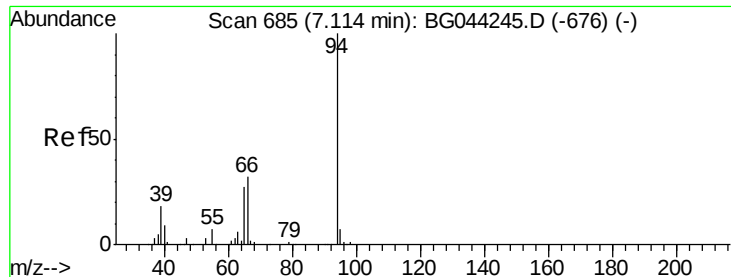
130 33.6 12.5 52.5

64 43.6 24.2 64.2



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





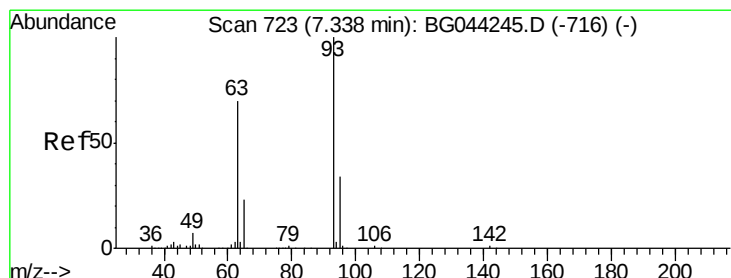
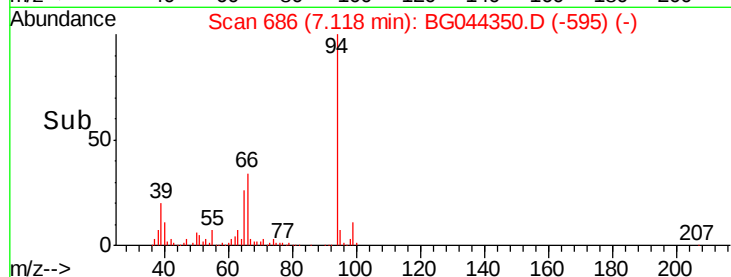
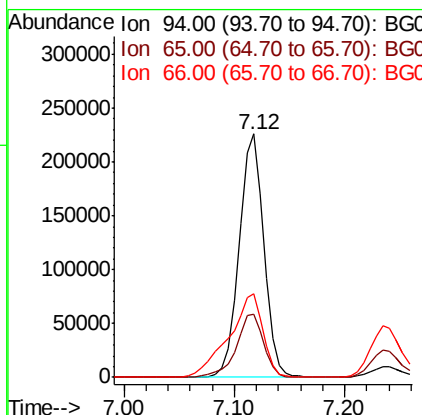
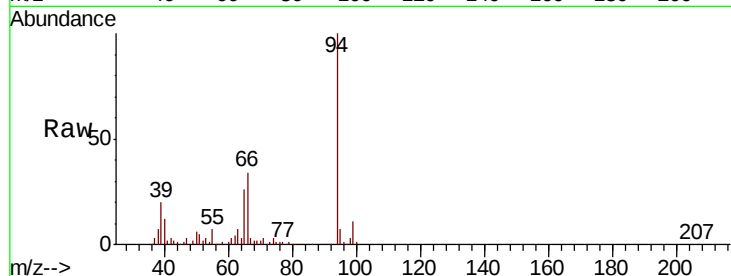
#10
Phenol
Concen: 43.416 ng
RT: 7.12 min Scan# 686
Delta R.T. 0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.0	47.0
66	34.1	12.7	52.7

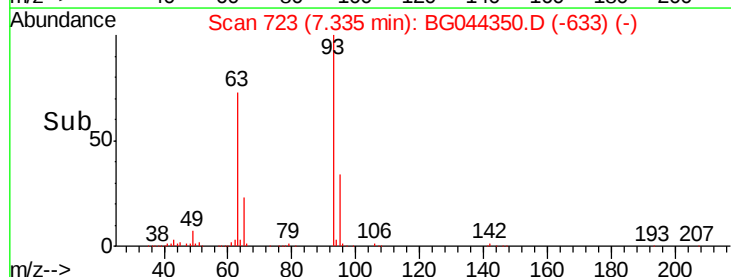
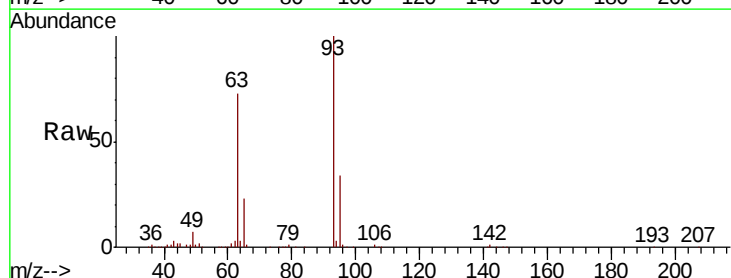
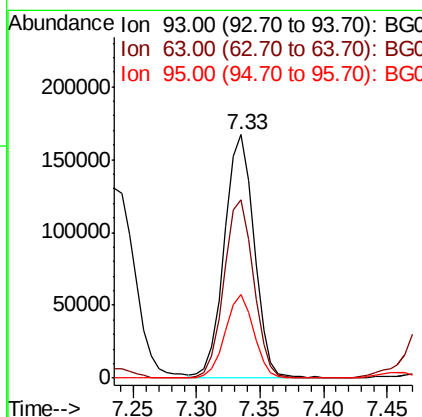
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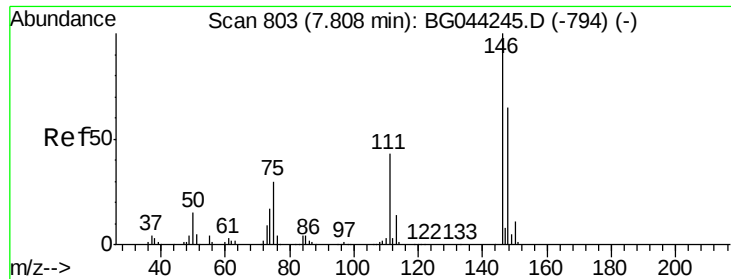
mohammad
2/11/2020 8:26:18 AM



#11
bis(2-Chloroethyl)ether
Concen: 38.969 ng
RT: 7.33 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.0	49.2	89.2
95	34.1	13.6	53.6





#12

1,3-Dichlorobenzene

Concen: 36.344 ng

RT: 7.80 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

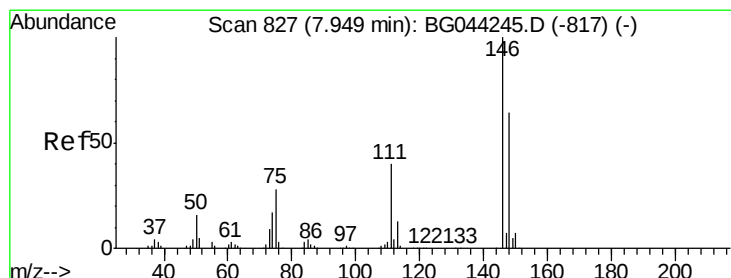
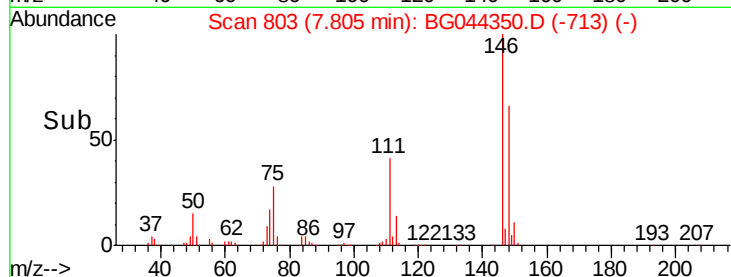
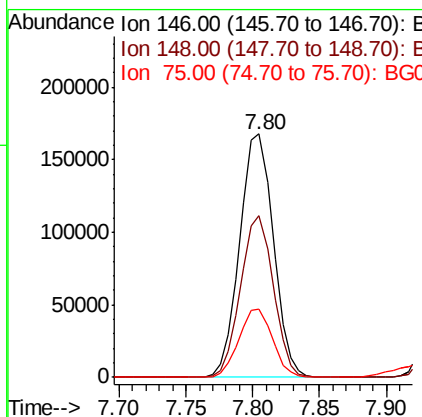
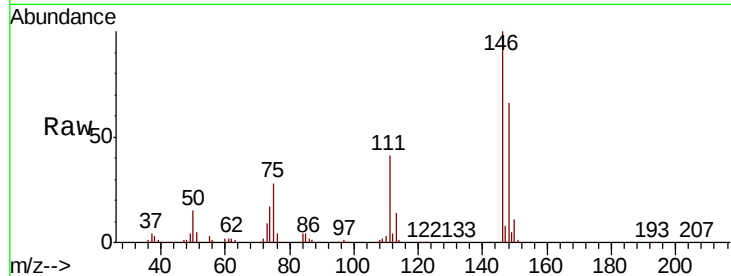
ClientSampleId :

PB126664BS

Tot Ion:	146	Resp:	293182
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.8	77.8
75	27.8	23.7	35.5

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#13

1,4-Dichlorobenzene

Concen: 37.338 ng

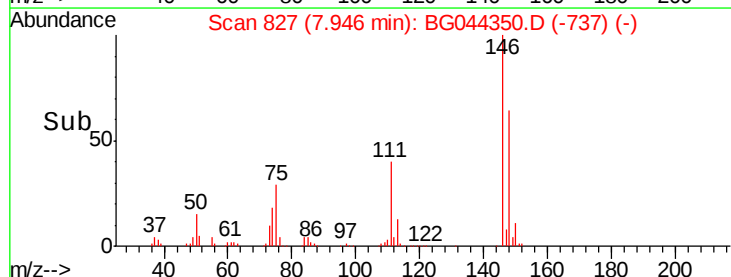
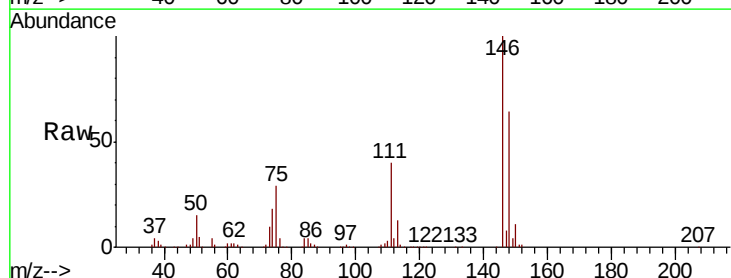
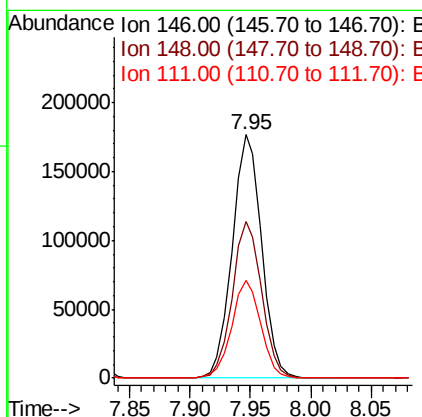
RT: 7.95 min Scan# 827

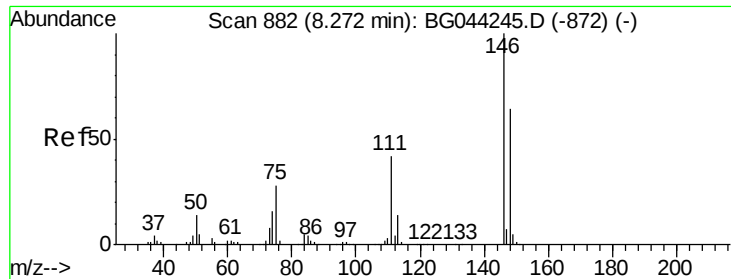
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:	146	Resp:	298318
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	40.1	31.8	47.8





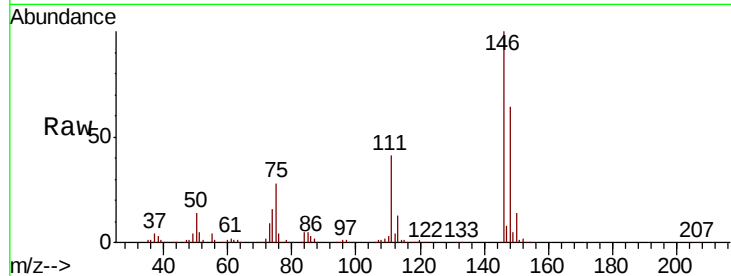
#14
1,2-Dichlorobenzene
Concen: 37.791 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	40.7	34.0	51.0

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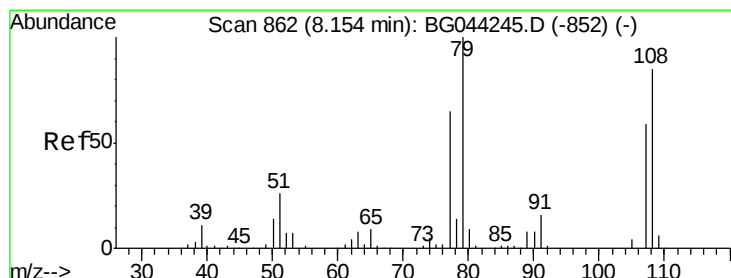
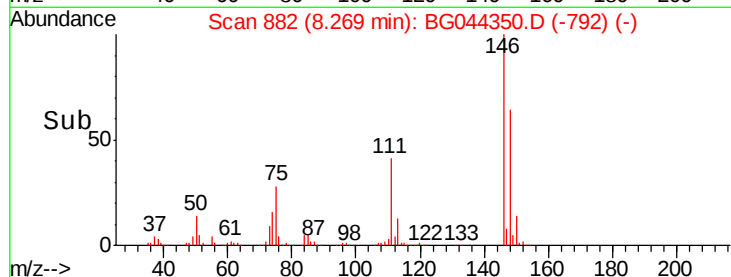
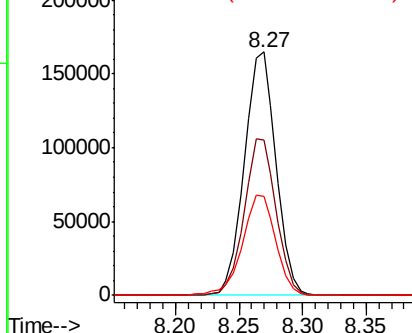


Abundance

Ion 146.00 (145.70 to 146.70): E

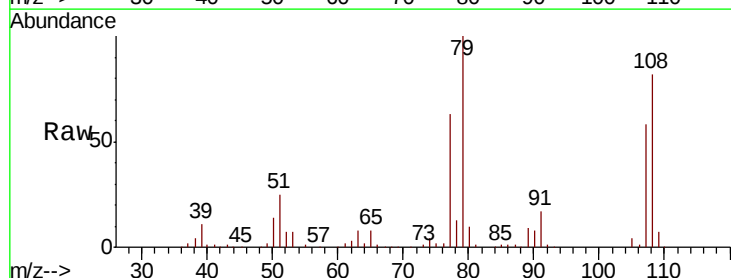
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
Benzyl Alcohol
Concen: 42.150 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.7	68.3	102.5
77	63.2	51.8	77.8

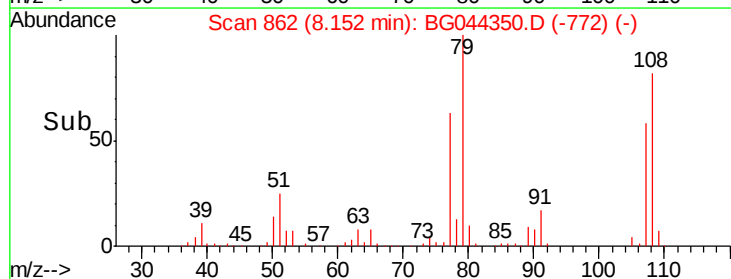
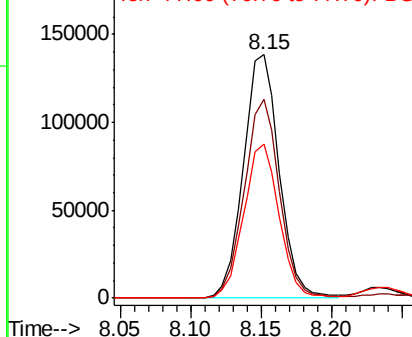


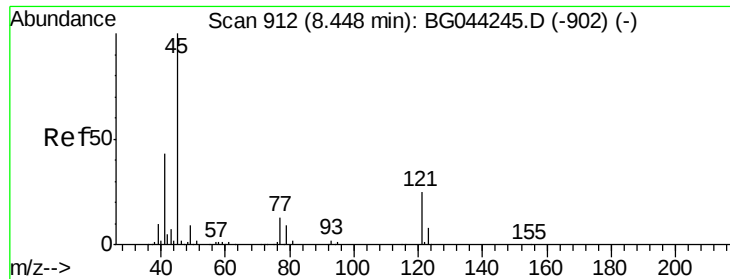
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





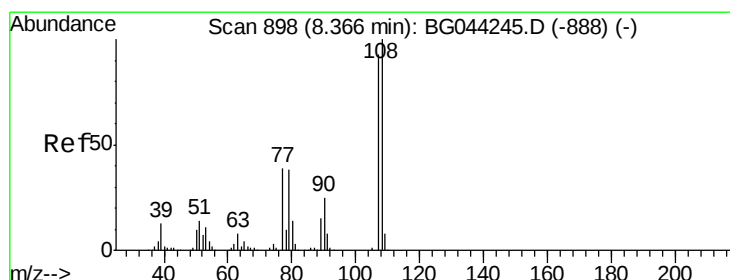
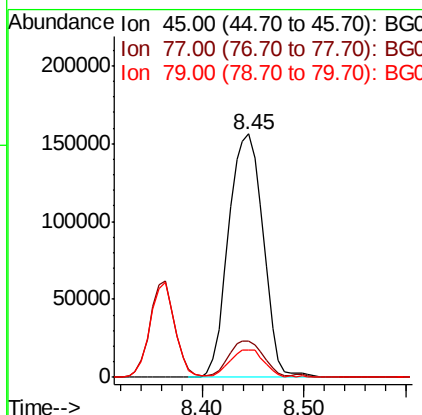
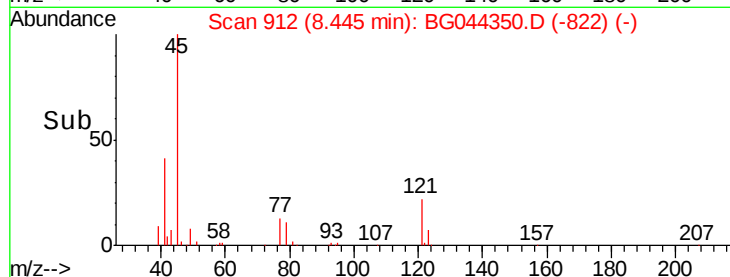
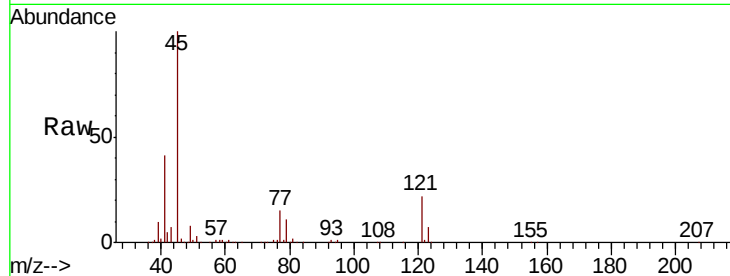
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.241 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	370978		
77	14.7		0.0	35.2
79	11.4		0.0	31.1

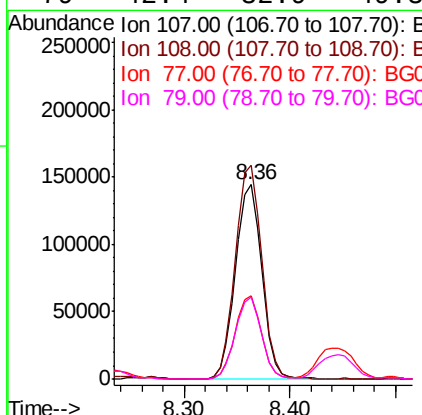
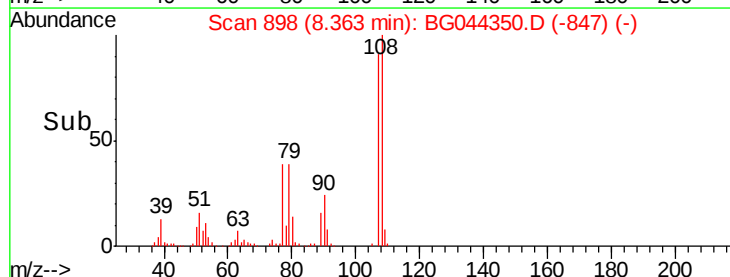
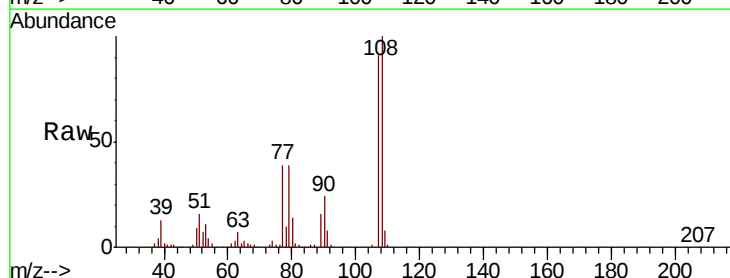
Manual Integrations
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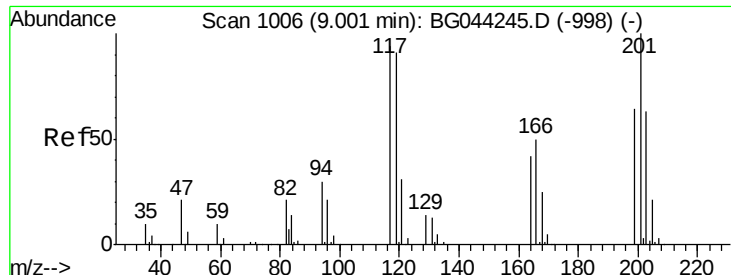
mohammad
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#17
2-Methylphenol
Concen: 42.807 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	249524		
108	110.0		86.4	129.6
77	43.0		34.0	51.0
79	42.4		32.9	49.3





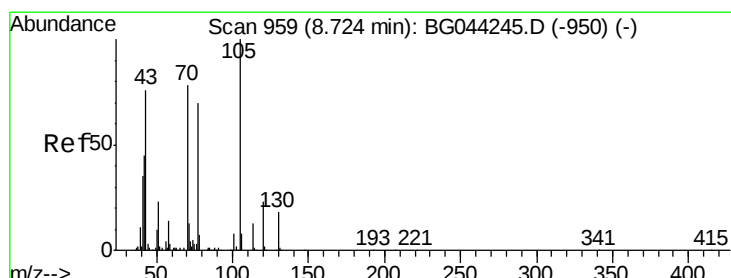
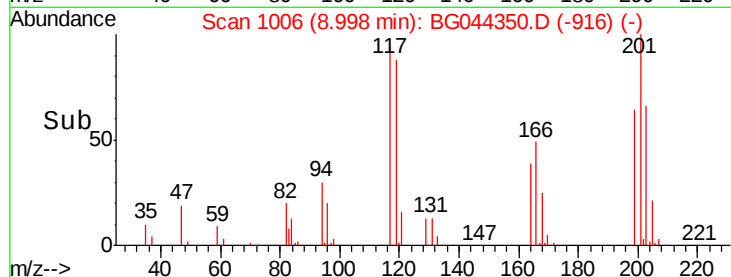
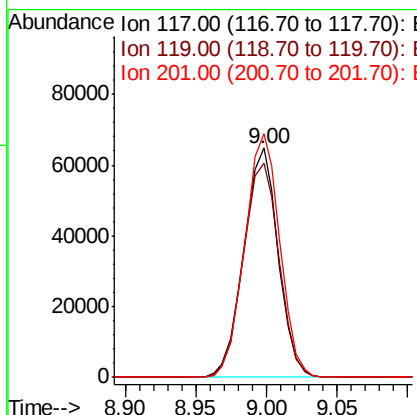
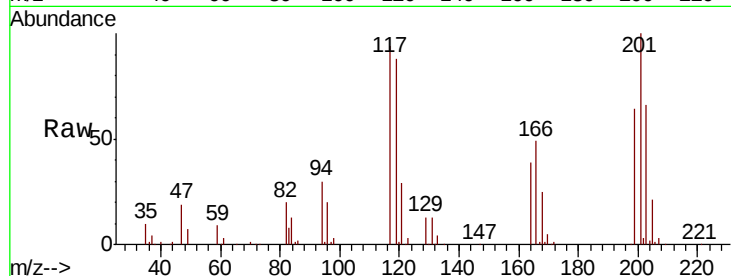
#18
Hexachloroethane
Concen: 36.860 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	110512		
119	93.2	77.5	116.3	
201	106.2	84.9	127.3	

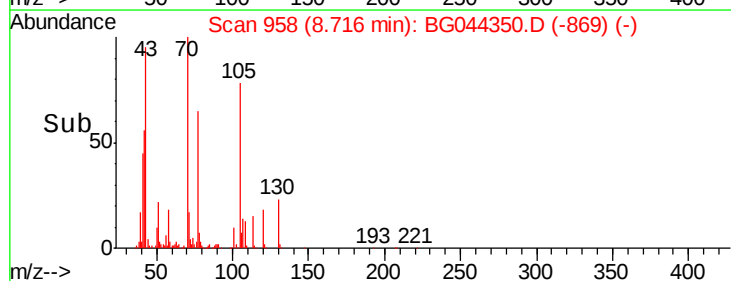
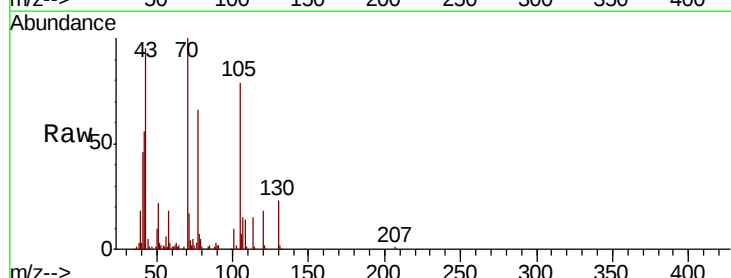
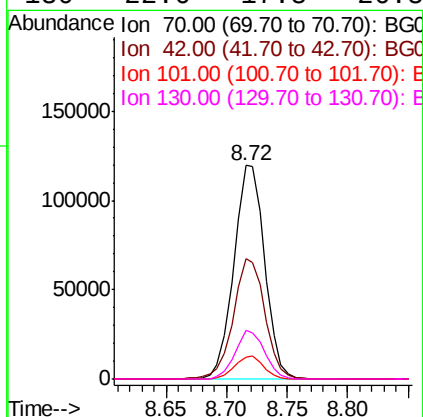
Manual Integrations
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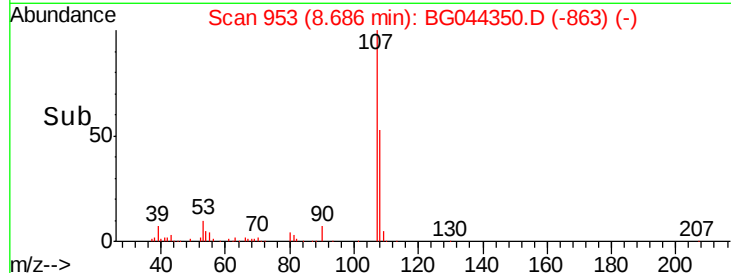
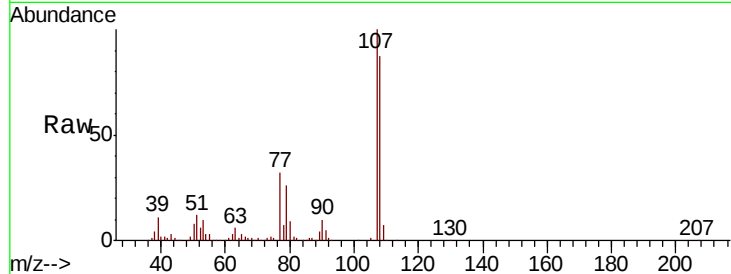
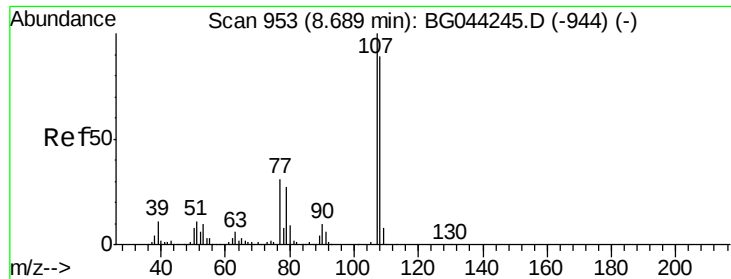
mohammad
2/11/2020 8:26:18 AM



#19
n-Nitroso-di-n-propylamine
Concen: 38.598 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	212354		
42	56.5	46.2	69.2	
101	10.2	8.4	12.6	
130	22.6	17.8	26.8	





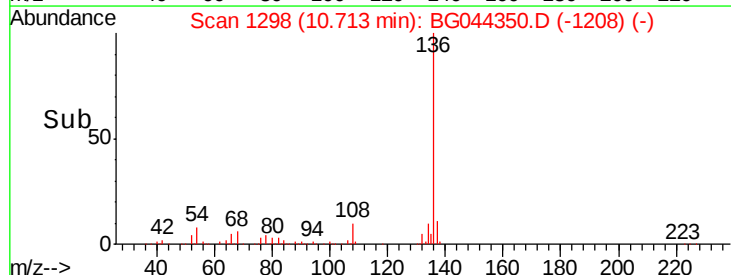
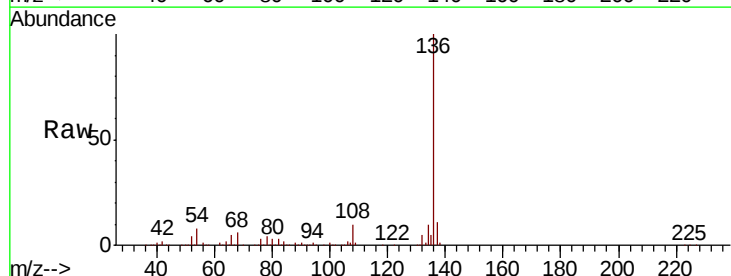
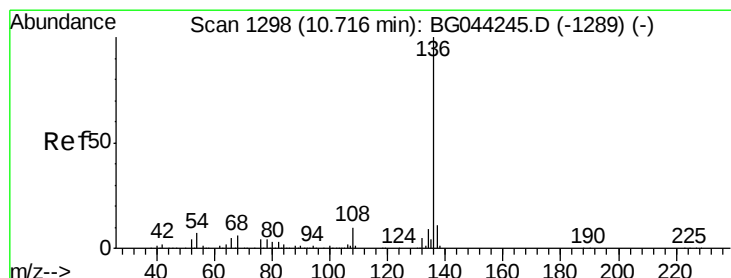
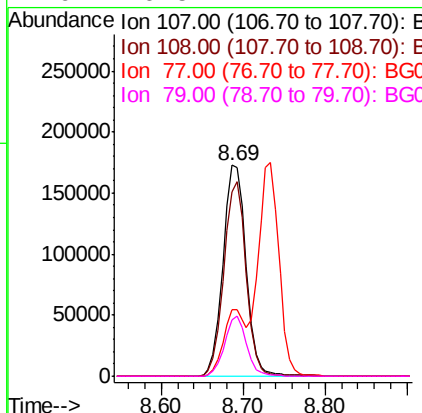
#20
3+4-Methylphenols
Concen: 42.260 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tot Ion	107	Resp	339490
Ion Ratio	Lower	Upper	
107	100		
108	87.3	68.5	108.5
77	31.7	10.9	50.9
79	26.5	7.1	47.1

Instrument :
BNA_G
ClientSampleId :
PB126664BS

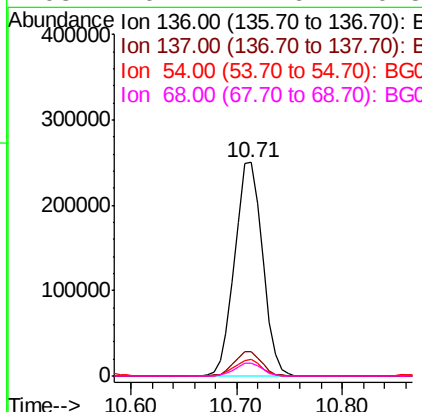
Manual Integrations
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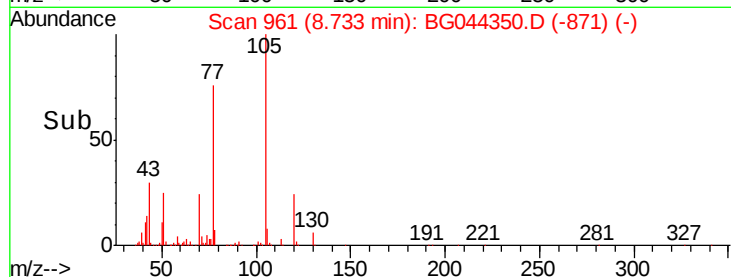
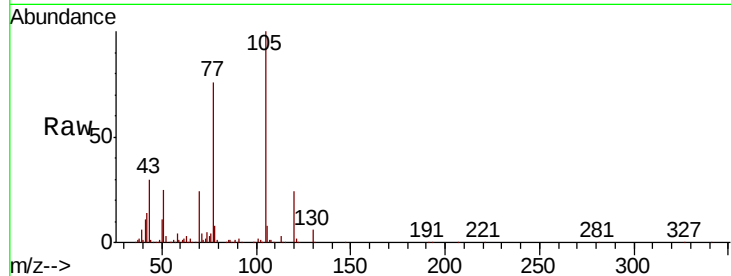
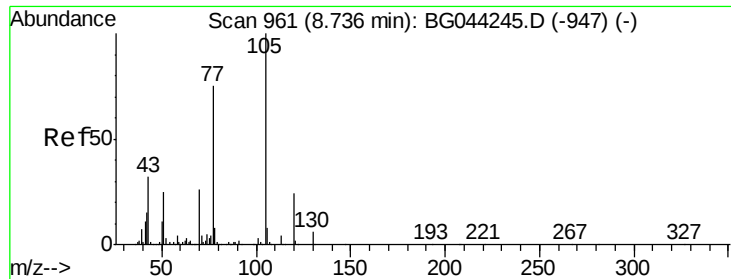
mohammad
2/11/2020 8:26:18 AM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	136	Resp	455574
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	7.9	5.8	8.8
68	6.2	4.6	6.8





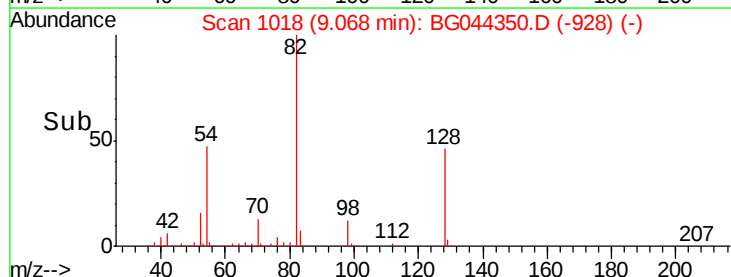
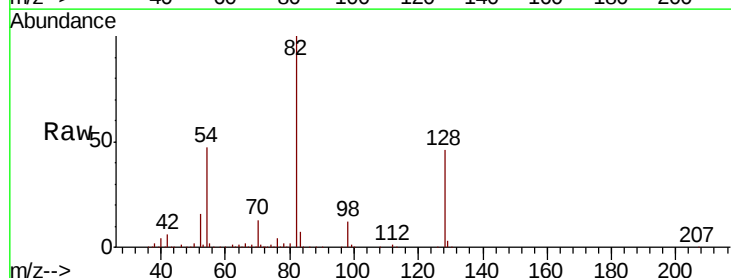
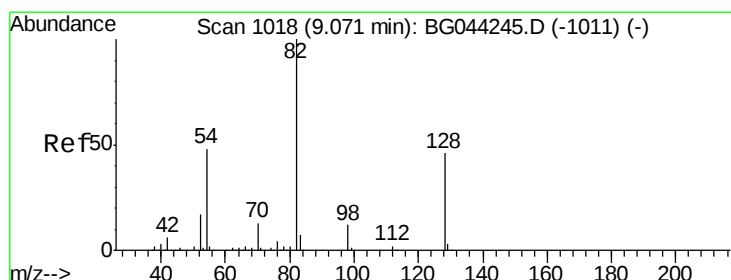
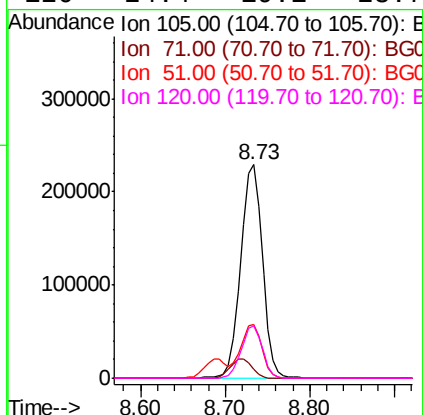
#22
Acetophenone
Concen: 36.830 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	408179		
71	71	4.1		3.4	5.0
51	51	25.3		20.2	30.4
120	120	24.4		19.1	28.7

Instrument :
BNA_G
ClientSampleId :
PB126664BS

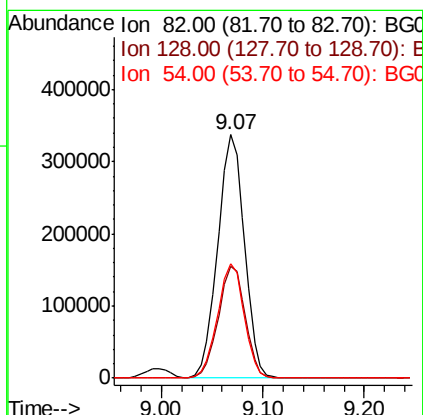
Manual Integrations
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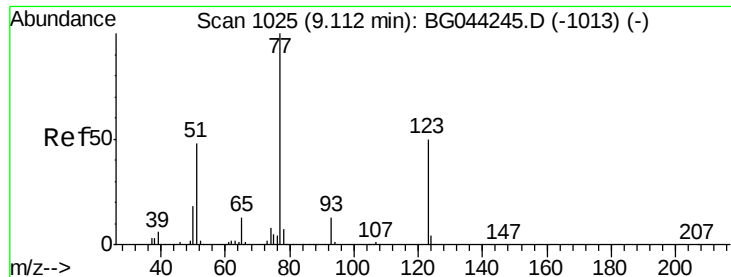
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#23
Nitrobenzene-d5
Concen: 76.305 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	615742		
128	128	46.0		36.5	54.7
54	54	47.1		38.6	58.0





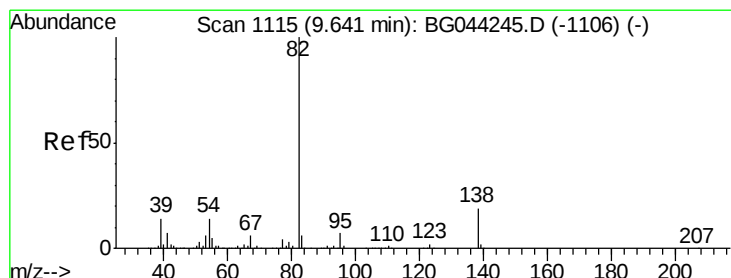
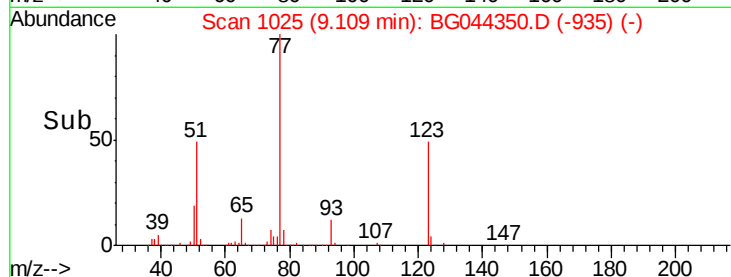
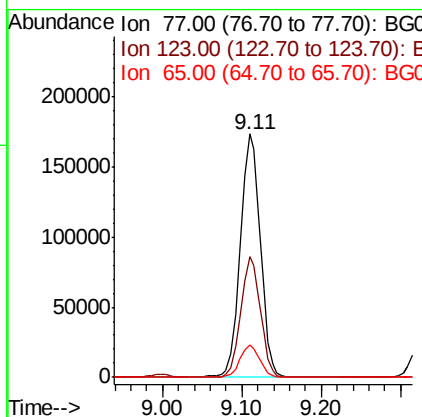
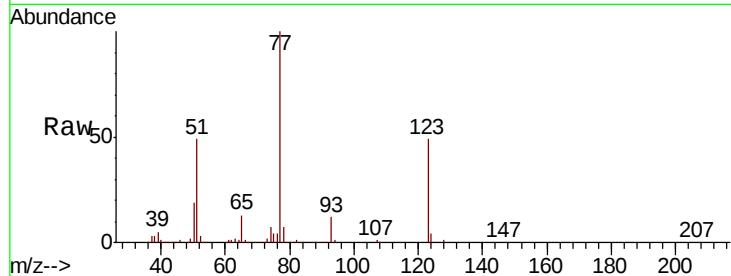
#24
Nitrobenzene
Concen: 38.450 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.9	59.9
65	13.4	10.4	15.6

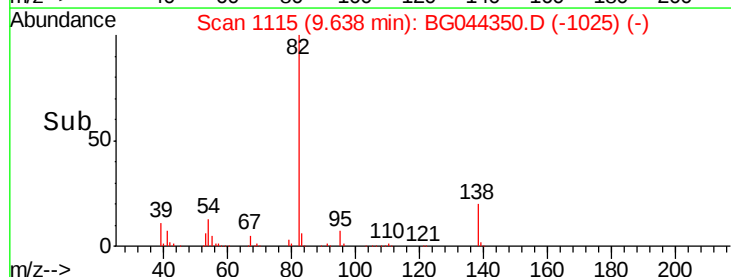
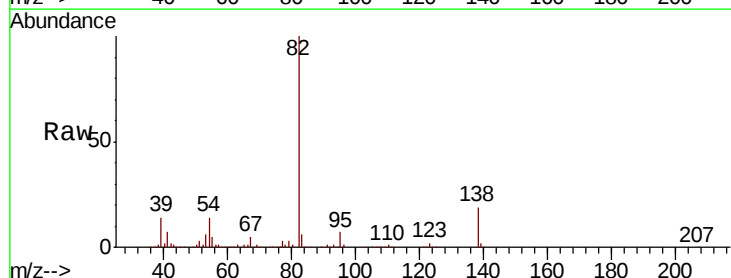
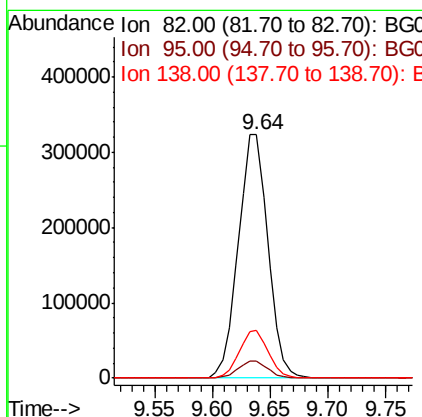
Manual Integrations
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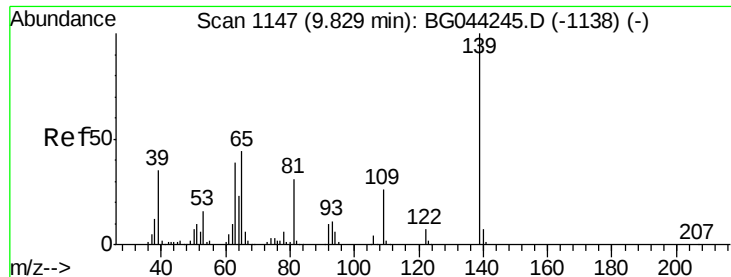
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#25
Isophorone
Concen: 38.303 ng
RT: 9.64 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.5	15.0	22.4





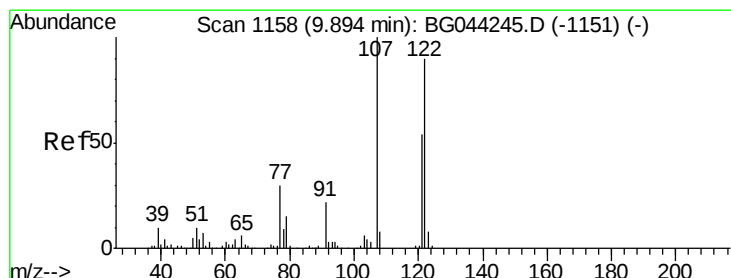
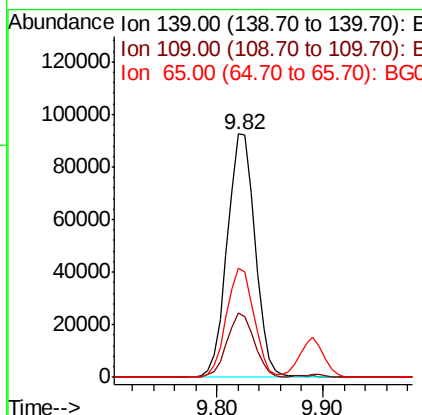
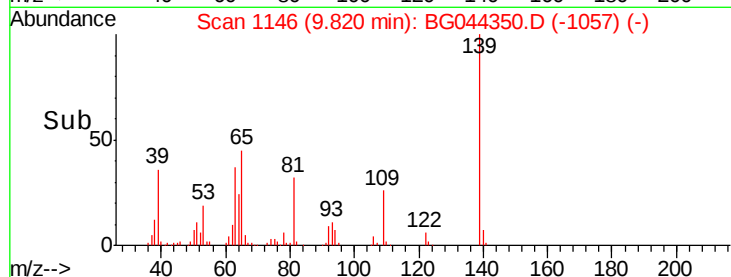
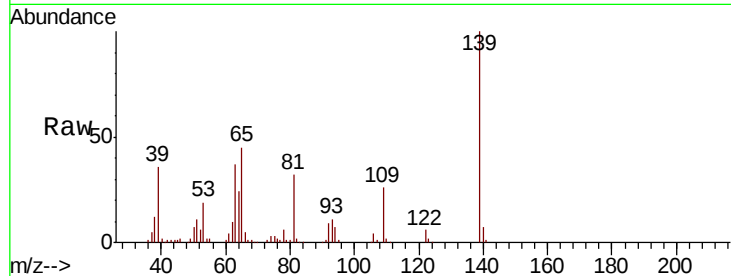
#26
2-Nitrophenol
Concen: 41.285 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	168762		
109	26.4	21.0	31.4	
65	44.6	35.0	52.4	

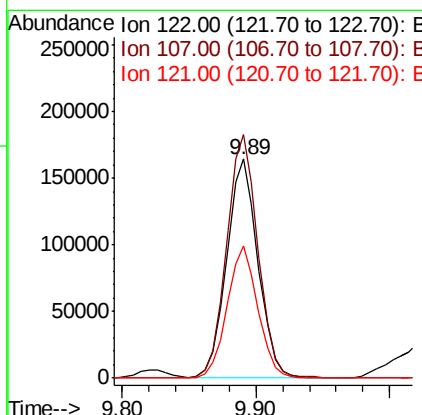
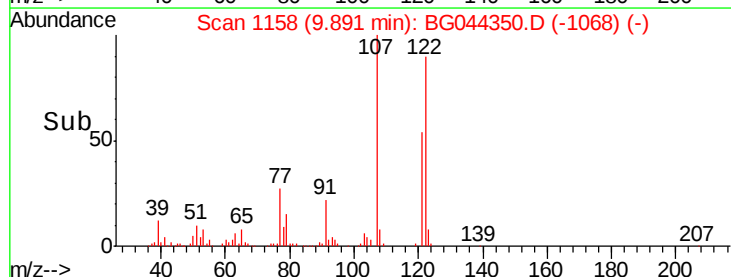
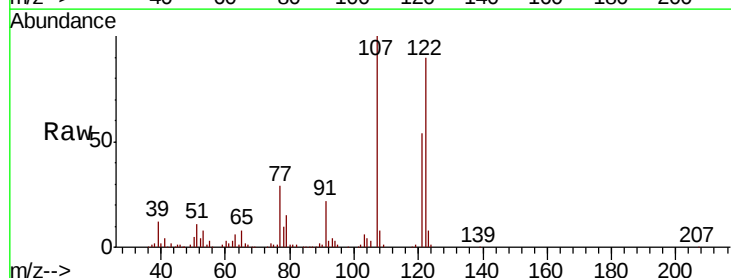
Manual Integrations
APPROVED

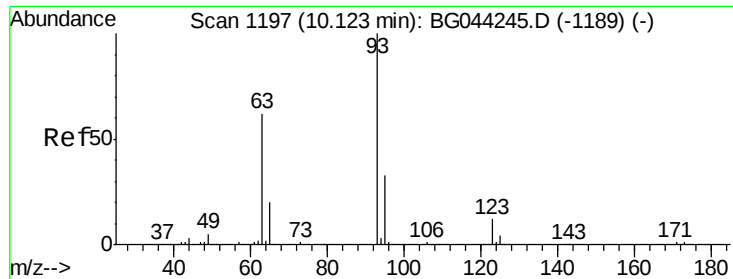
mohammad
2/11/2020 8:26:18 AM



#27
2,4-Dimethylphenol
Concen: 46.277 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	267031		
107	111.2	88.8	133.2	
121	60.1	48.3	72.5	





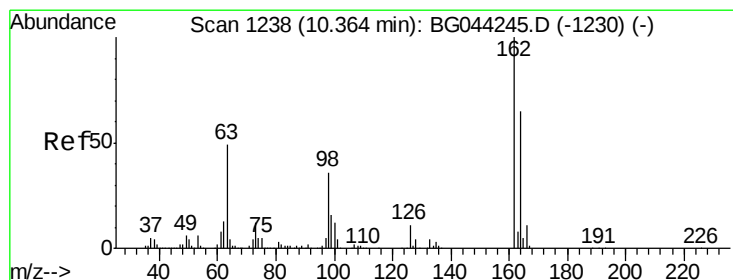
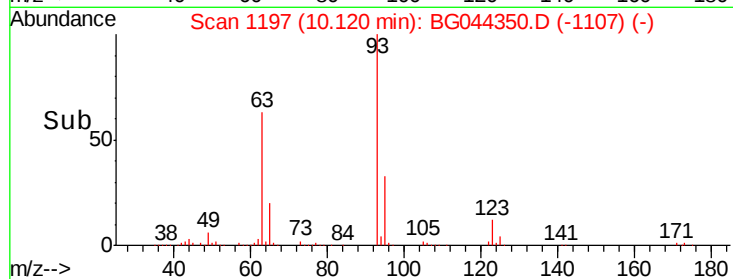
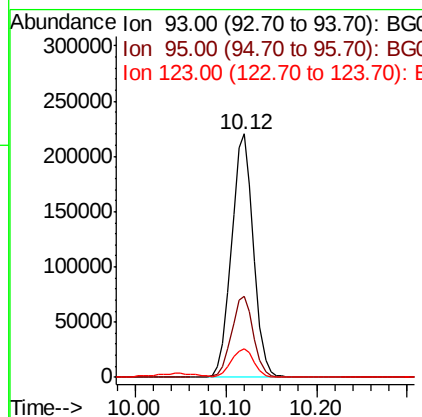
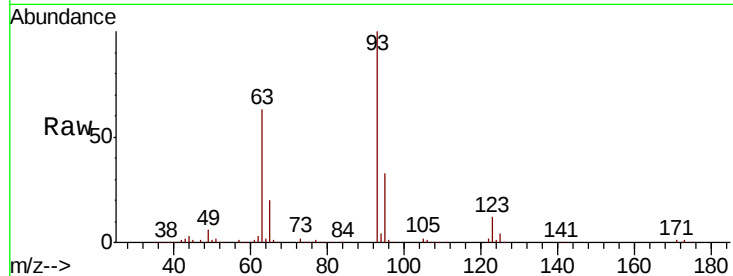
#28
bis(2-Chloroethoxy)methane
Concen: 36.778 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.2	26.6	40.0	
123	11.9	10.0	15.0	

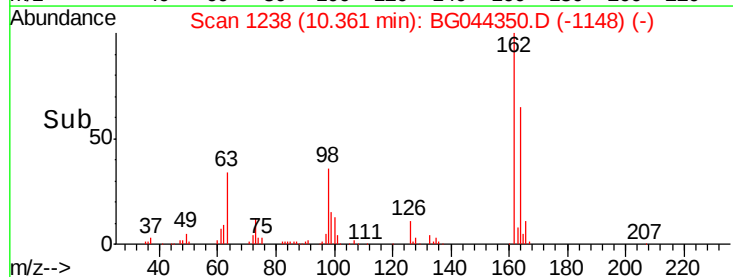
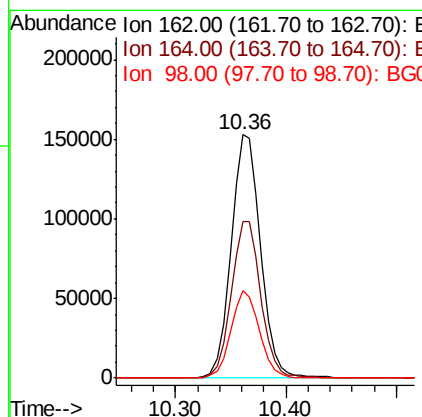
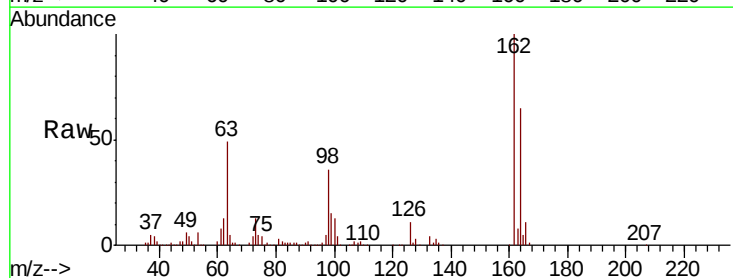
Manual Integrations
APPROVED

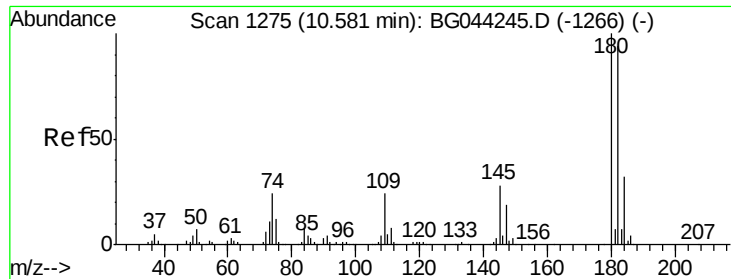
mohammad
2/11/2020 8:26:18 AM



#29
2,4-Dichlorophenol
Concen: 40.849 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.5	44.7	84.7	
98	35.9	15.8	55.8	





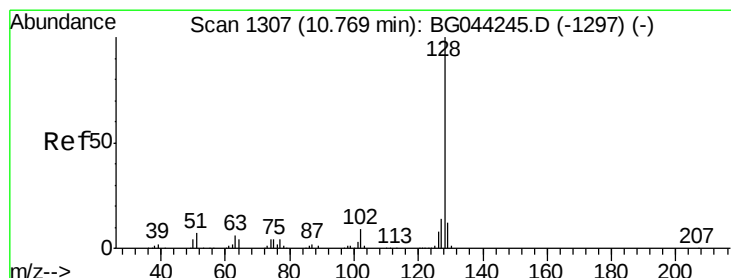
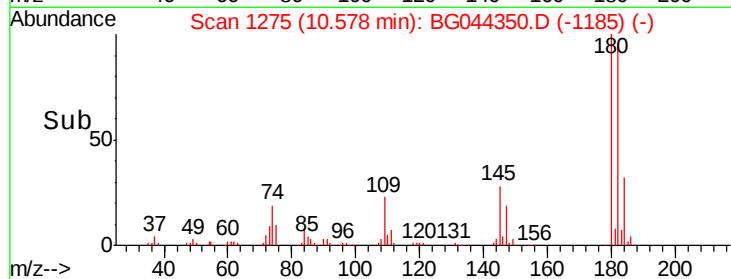
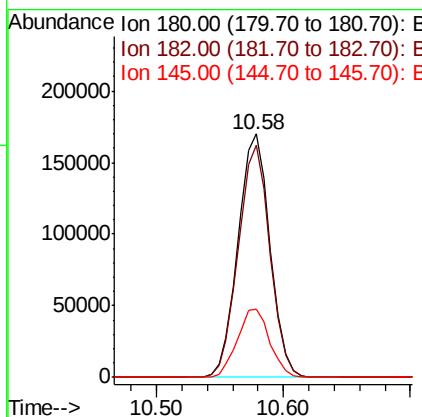
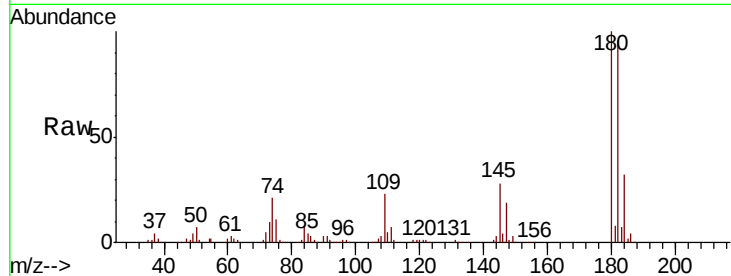
#30
1,2,4-Trichlorobenzene
Concen: 36.998 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	295997		
182	95.5	75.5	113.3	
145	28.3	22.6	34.0	

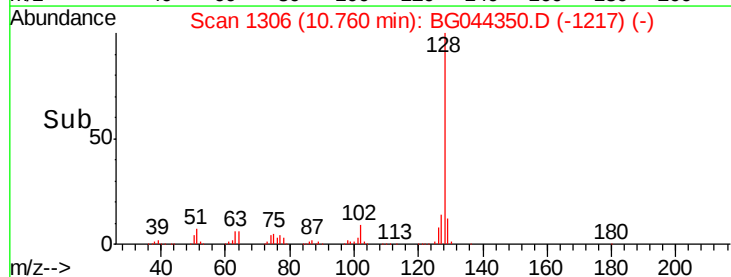
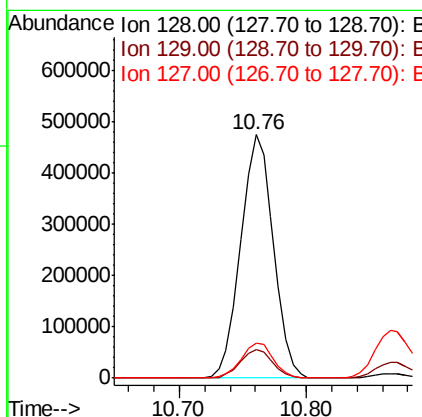
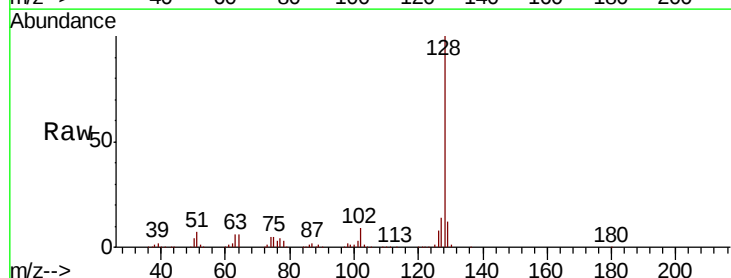
Manual Integrations
APPROVED

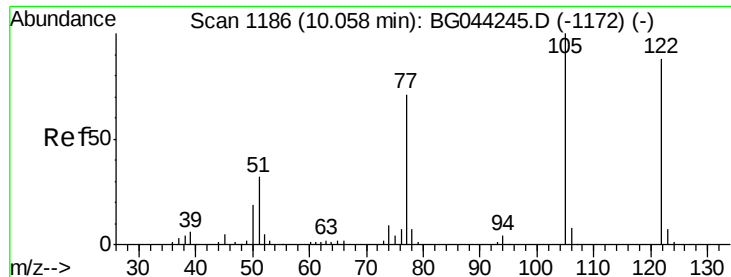
mohammad
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#31
Naphthalene
Concen: 38.354 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	847742		
129	11.7	9.3	13.9	
127	14.4	11.6	17.4	





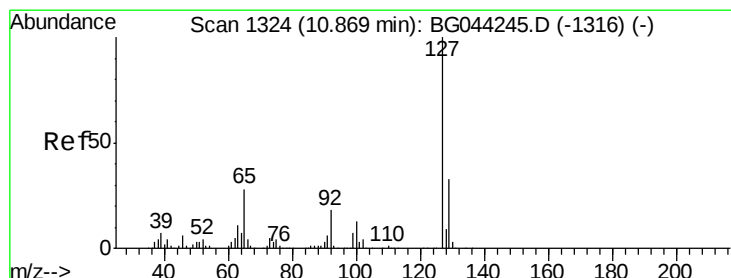
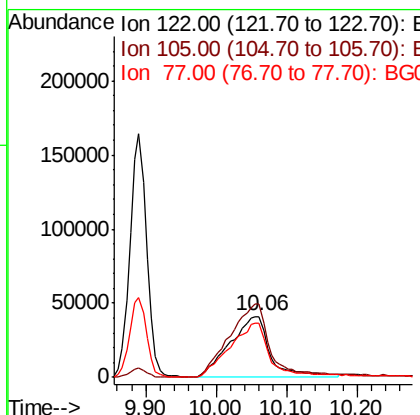
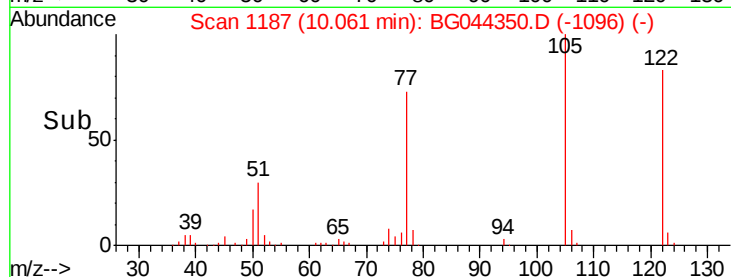
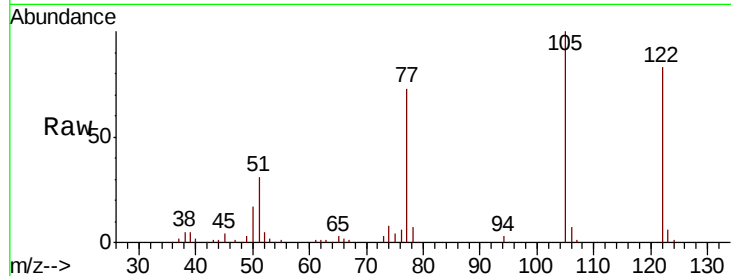
#32
Benzoic acid
Concen: 43.706 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	120.9	93.5	133.5
77	88.4	61.0	101.0

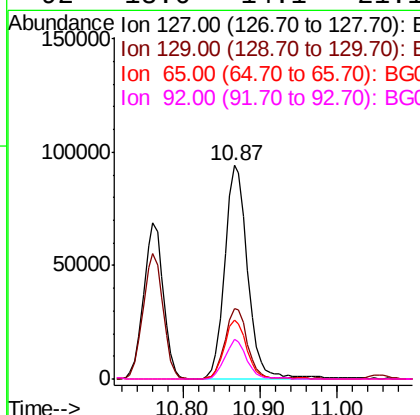
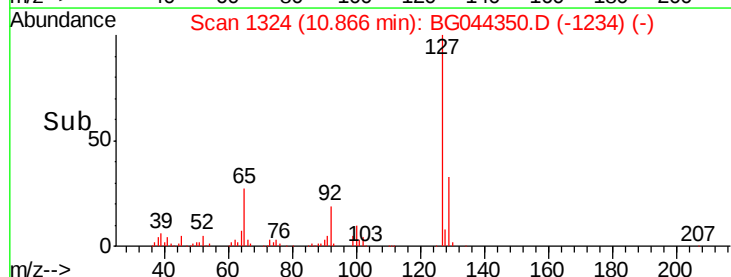
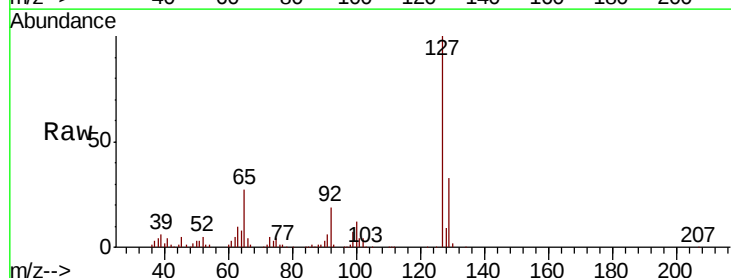
Manual Integrations
APPROVED

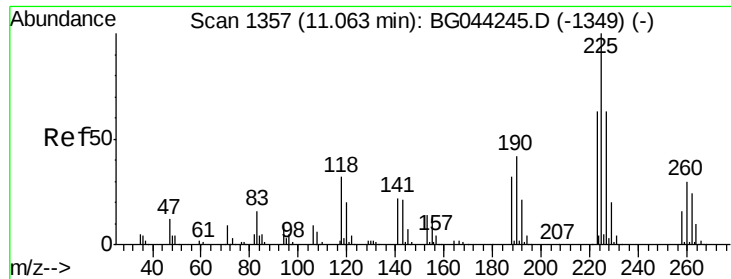
mohammad
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#33
4-Chloroaniline
Concen: 19.513 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	27.4	22.5	33.7
92	18.6	14.1	21.1





#34

Hexachlorobutadiene

Concen: 35.432 ng

RT: 11.05 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

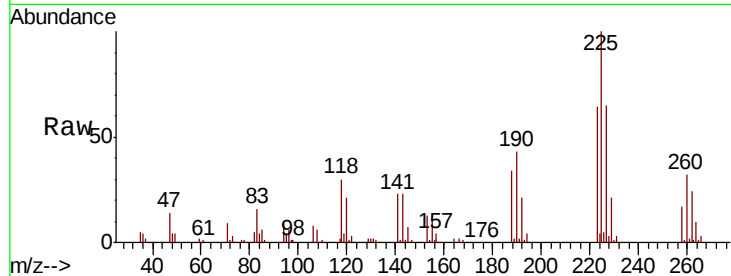
ClientSampled :

PB126664BS

Tot Ion:	225	Resp:	174425
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.2	75.4
227	64.8	50.8	76.2

Manual Integrations
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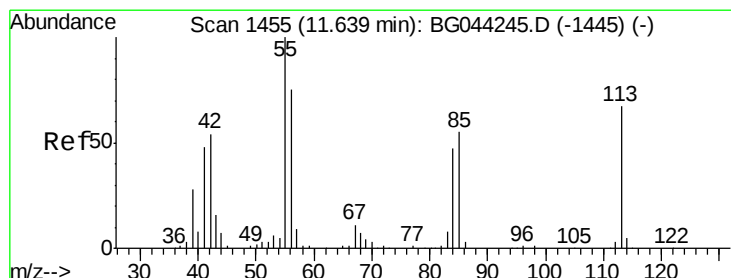
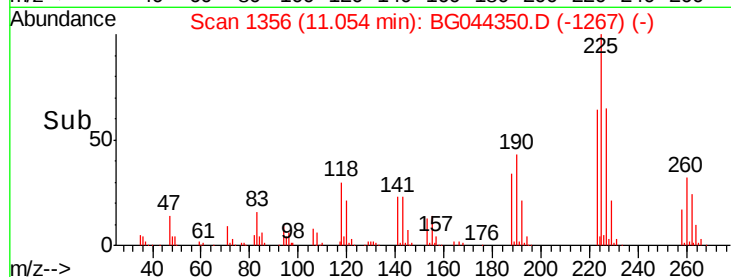
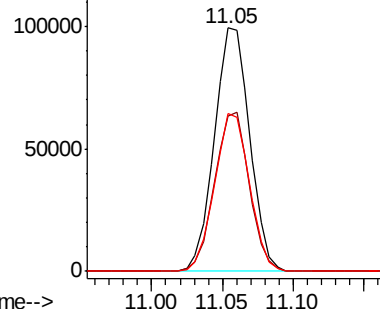


Abundance

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: 37.155 ng m

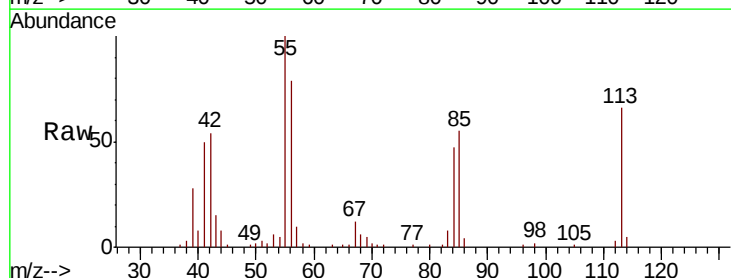
RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:	113	Resp:	94964
Ion Ratio	Lower	Upper	
113	100		
55	150.7	129.9	169.9
56	118.8	92.5	132.5

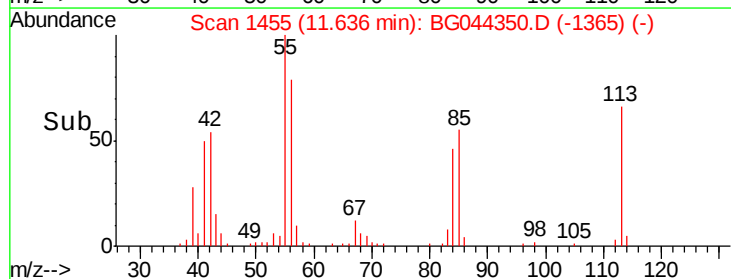
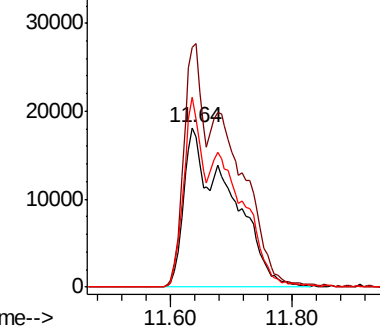


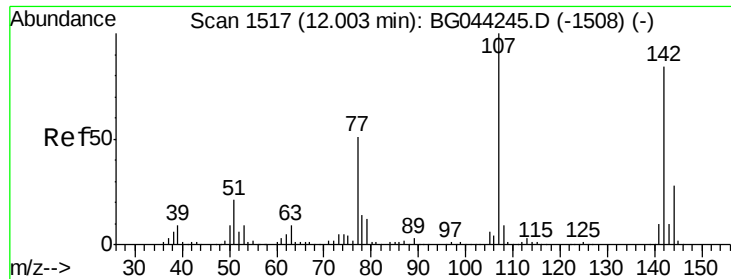
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





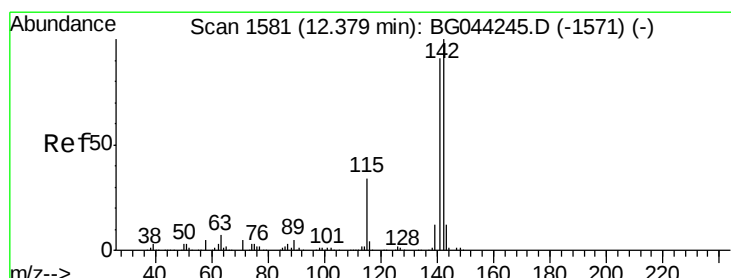
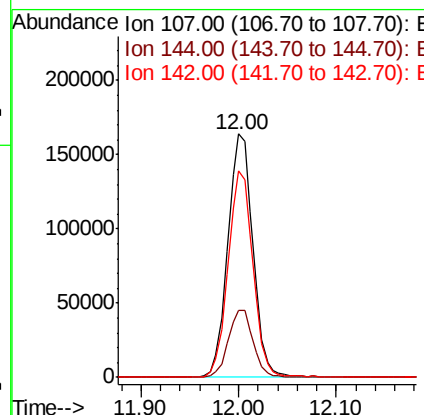
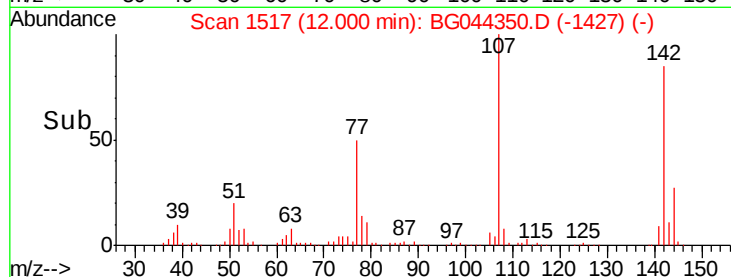
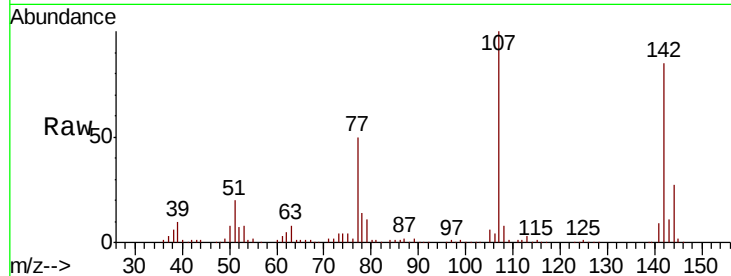
#36
 4-Chloro-3-methylphenol
 Concen: 39.954 ng
 RT: 12.00 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.3	22.2	33.4
142	84.6	67.4	101.0

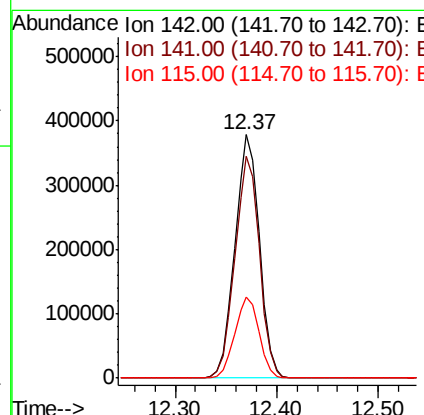
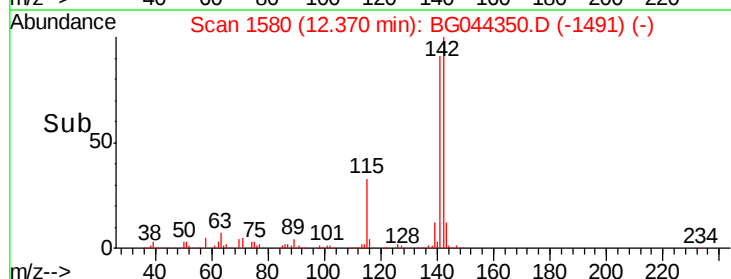
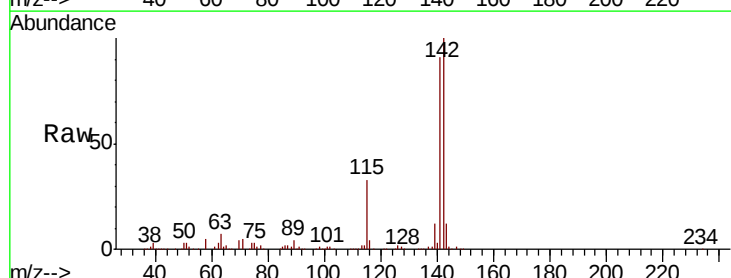
Manual Integrations
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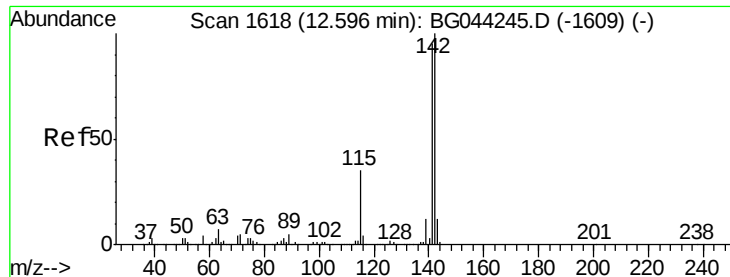
mohammad
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#37
 2-Methylnaphthalene
 Concen: 38.486 ng
 RT: 12.37 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
115	33.1	27.1	40.7





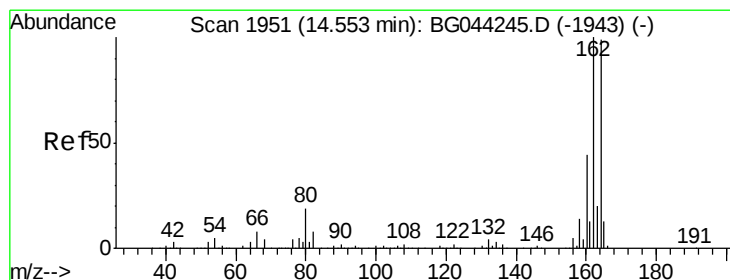
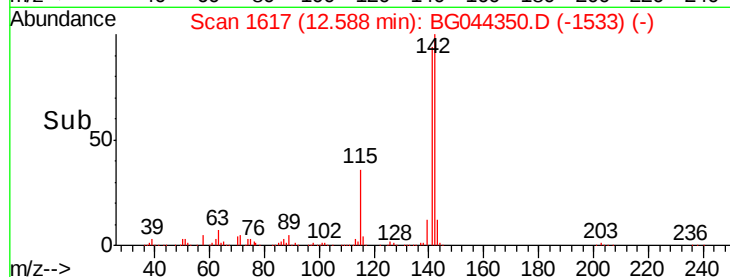
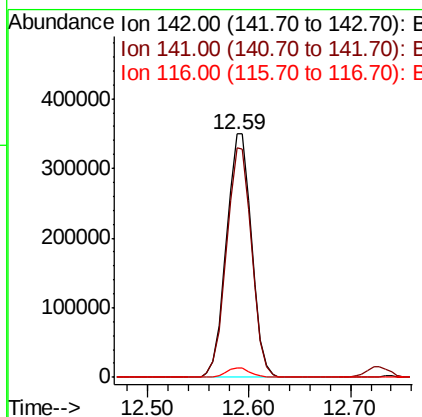
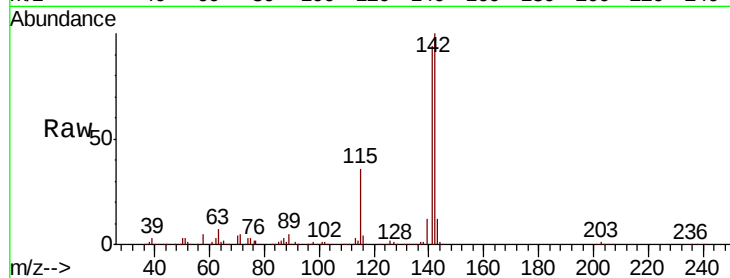
#38
1-Methylnaphthalene
Concen: 38.819 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.8	113.6
116	3.6	3.1	4.7

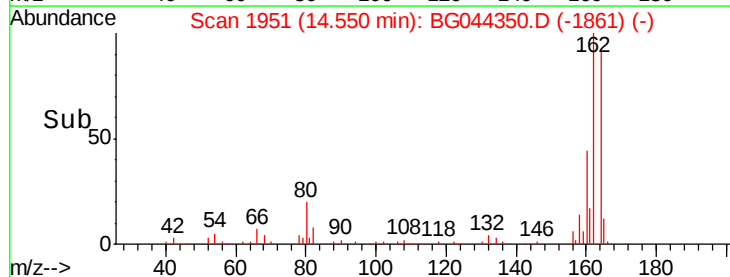
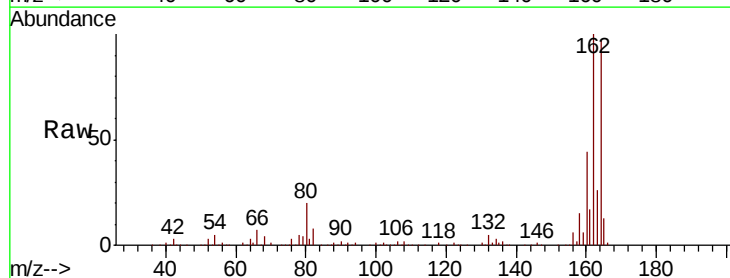
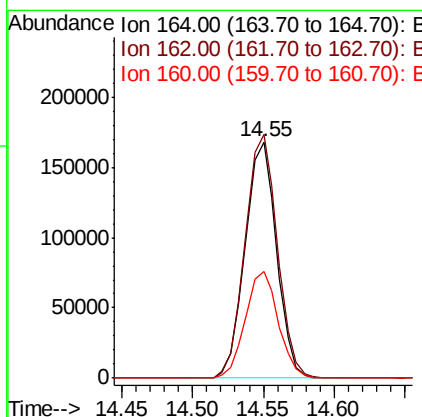
Manual Integrations
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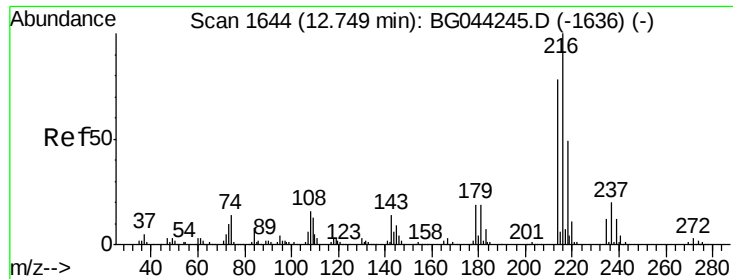
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	45.0	35.3	52.9





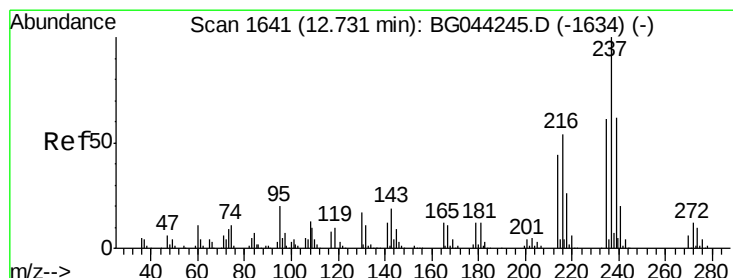
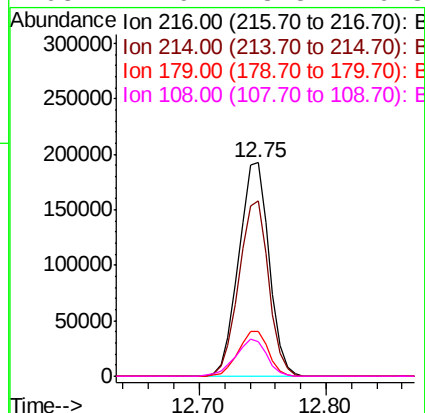
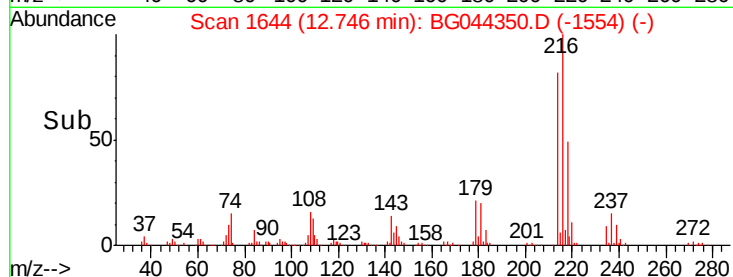
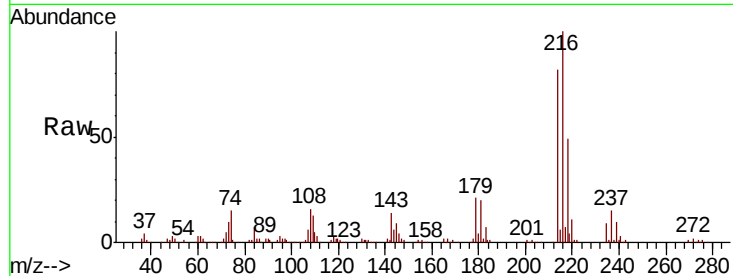
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.600 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		318471		
214	80.3		63.0	94.6	
179	20.9		16.2	24.4	
108	17.9		13.5	20.3	

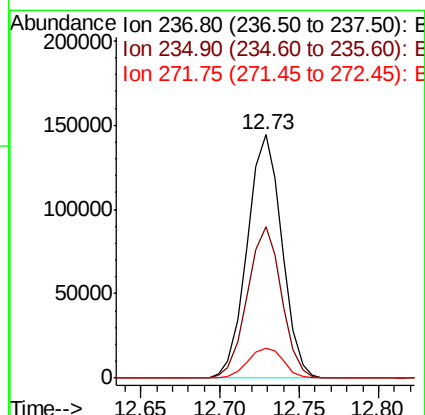
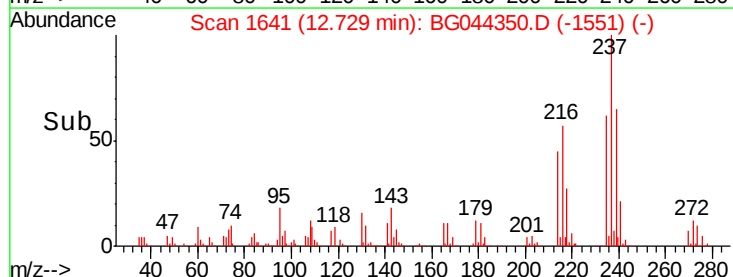
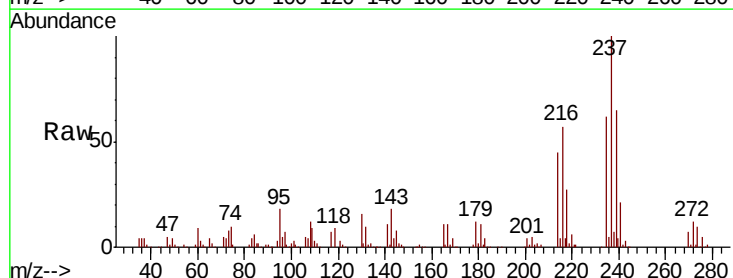
Manual Integrations
APPROVED

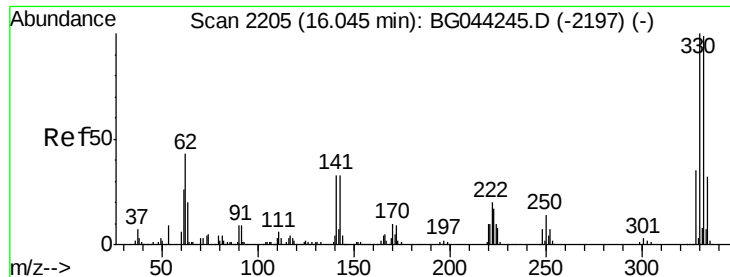
mohammad
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#41
Hexachlorocyclopentadiene
Concen: 58.077 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		218592		
235	62.4		41.2	81.2	
272	12.2		0.0	32.4	





#42

2,4,6-Tribromophenol

Concen: 123.839 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

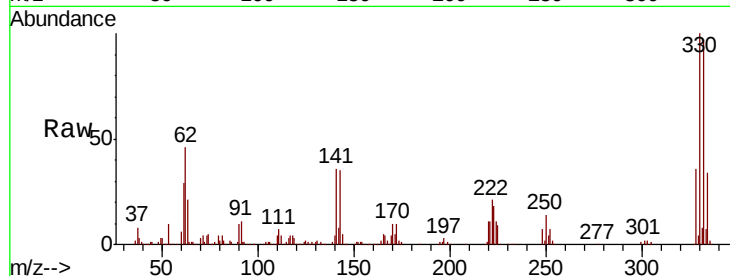
ClientSampleId :

PB126664BS

Tot Ion:	330	Resp:	381224
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.2	115.8
141	35.0	28.3	42.5

Manual Integrations
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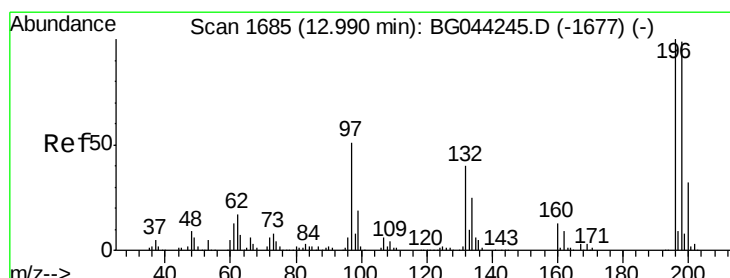
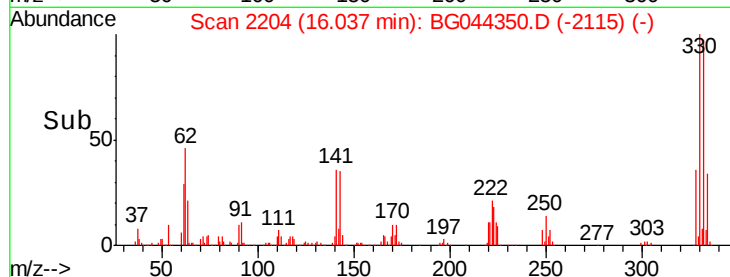
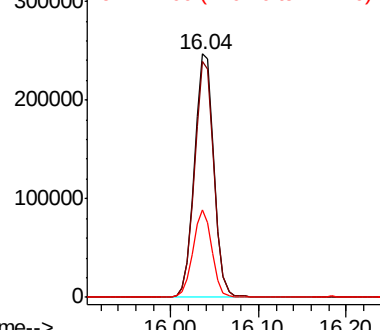


Abundance

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: 44.016 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

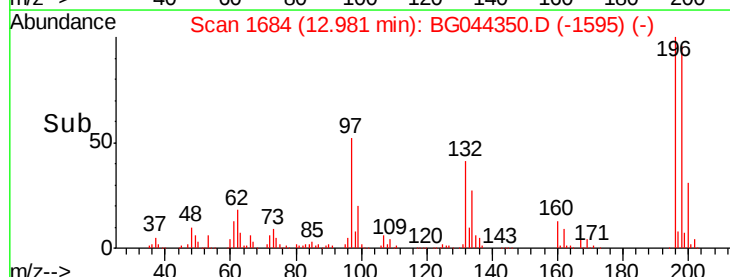
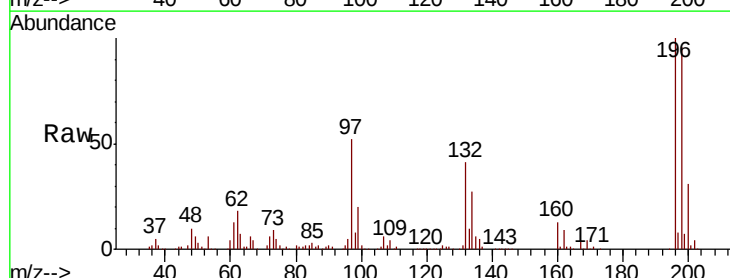
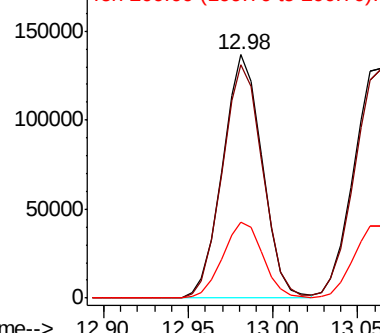
Tgt Ion:	196	Resp:	223168
Ion Ratio	Lower	Upper	
196	100		
198	96.0	79.3	118.9
200	31.4	25.7	38.5

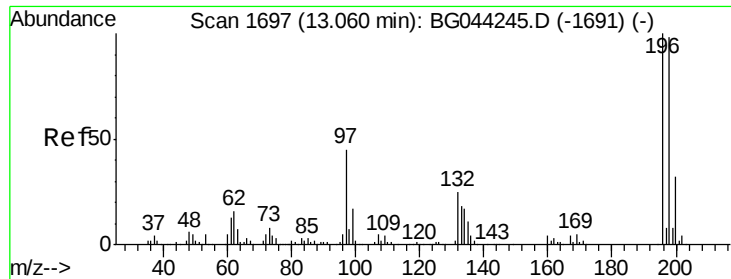
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





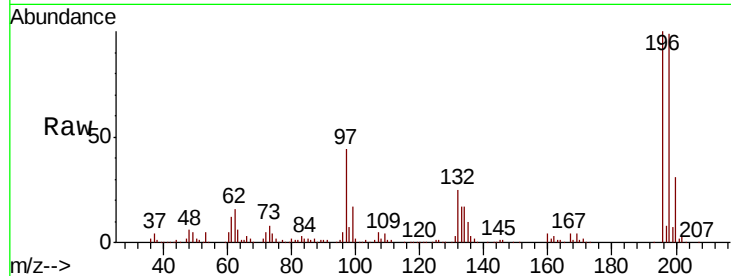
#44
 2,4,5-Trichlorophenol
 Concen: 44.996 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233019		
198	99.0		78.2	117.2
97	44.4		36.2	54.4
132	24.9		20.2	30.4

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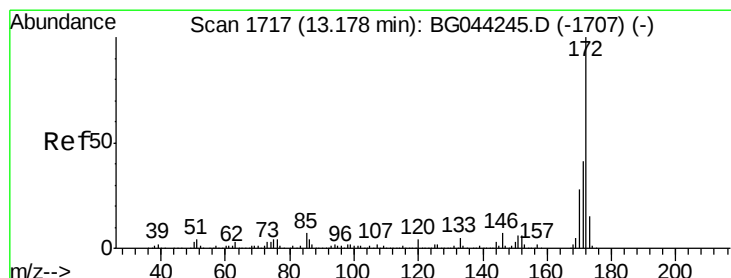
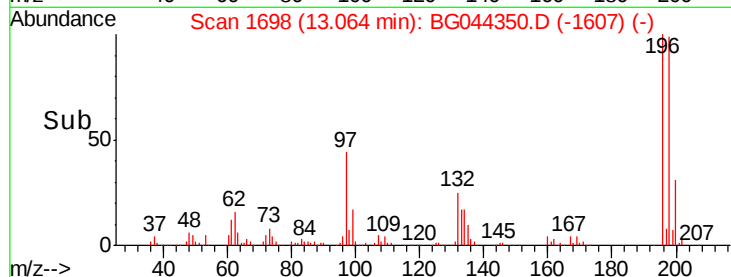
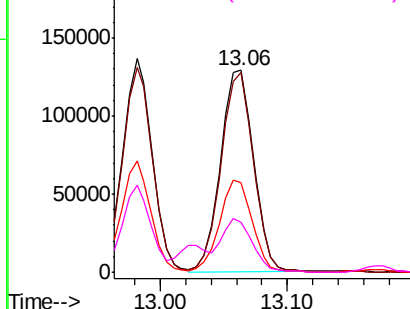
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.918 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

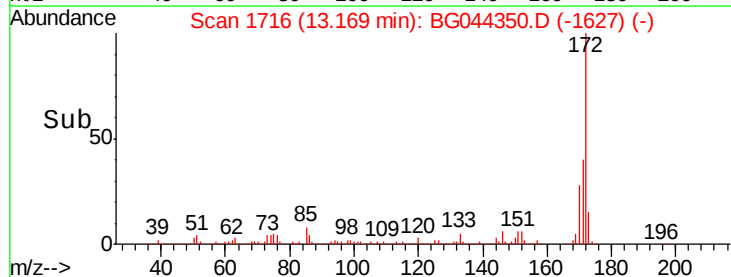
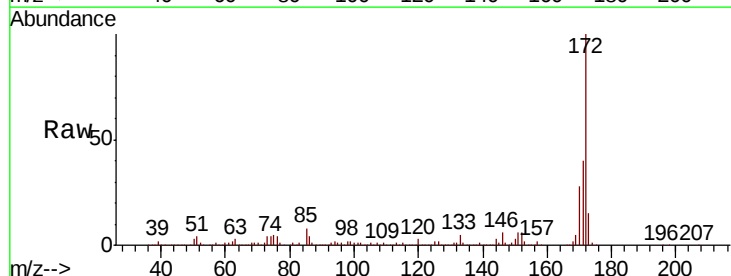
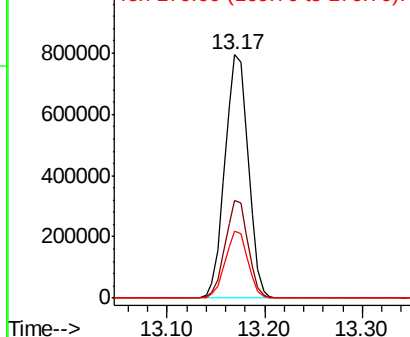
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1314112		
171	40.3		32.9	49.3
170	27.6		22.0	33.0

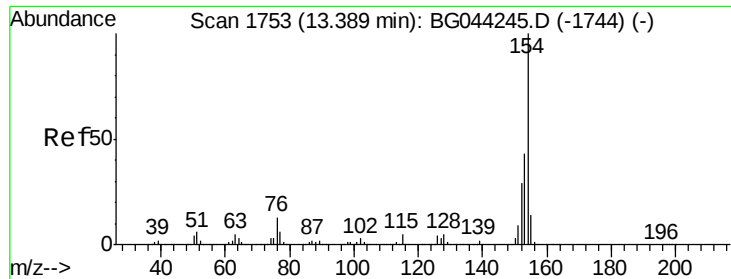
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





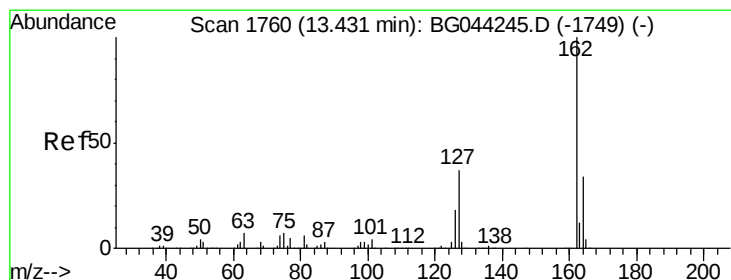
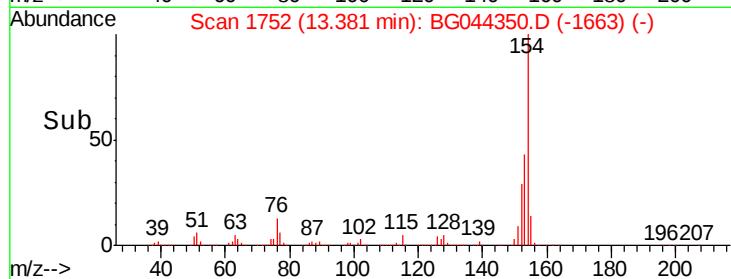
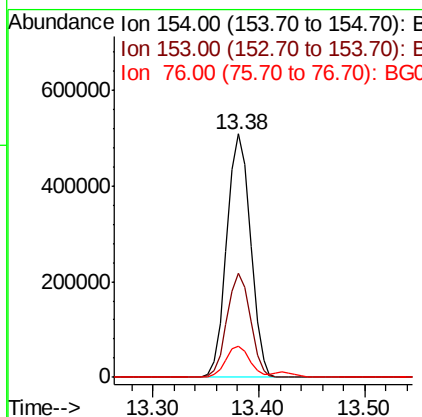
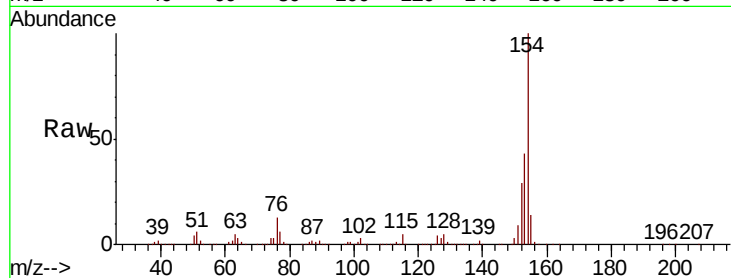
#46
 1,1'-Biphenyl
 Concen: 41.783 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.7	62.7
76	12.9	0.0	32.9

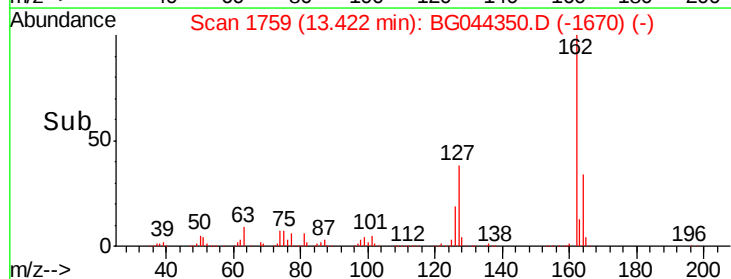
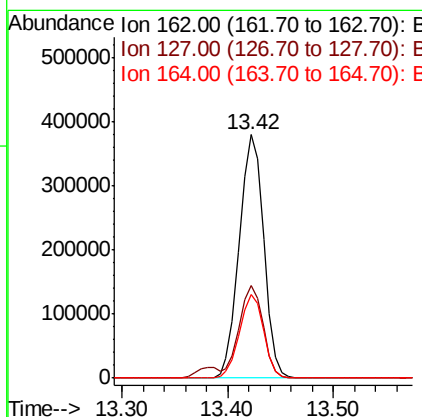
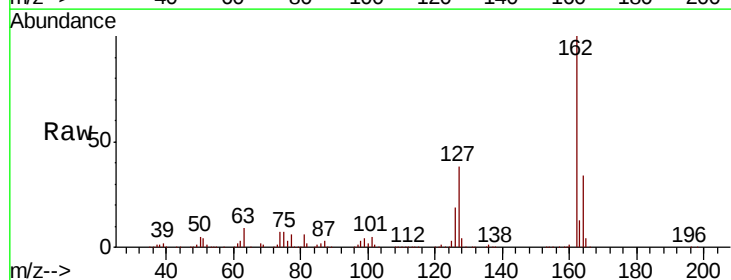
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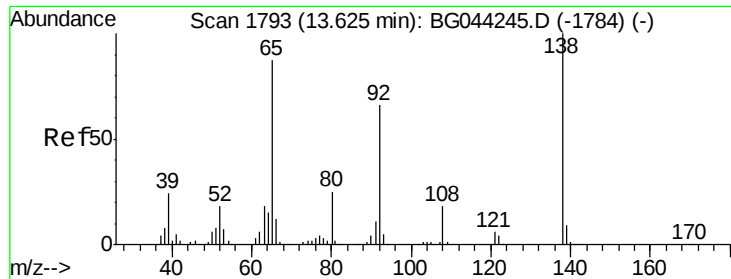
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#47
 2-Chloronaphthalene
 Concen: 40.471 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.0	45.0
164	34.2	27.2	40.8





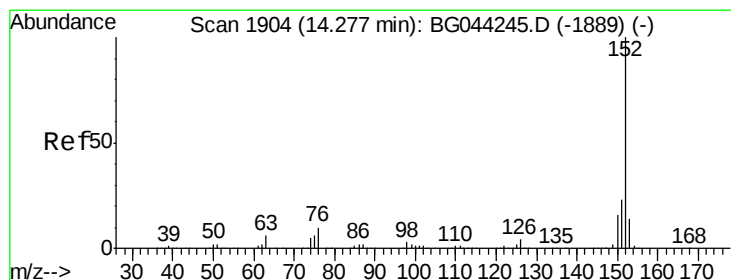
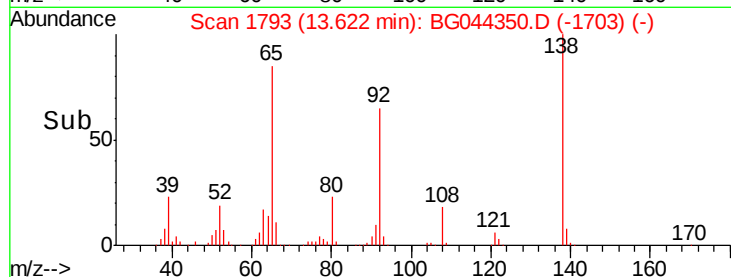
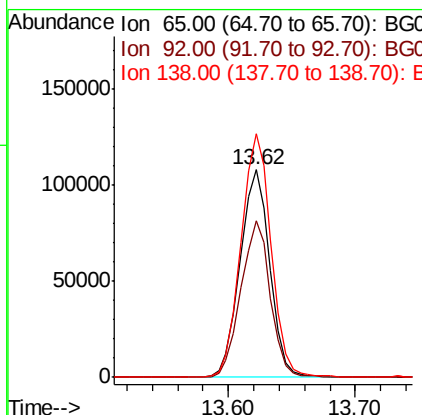
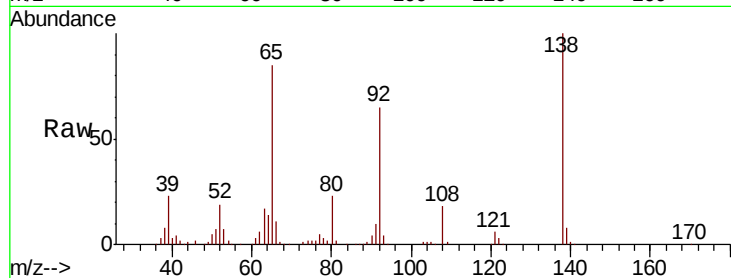
#48
2-Nitroaniline
Concen: 39.786 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	60.3	90.5
138	117.3	91.9	137.9

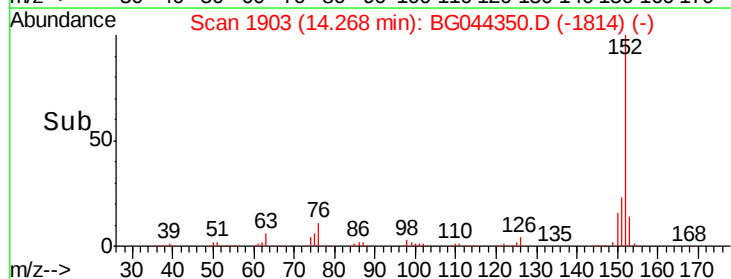
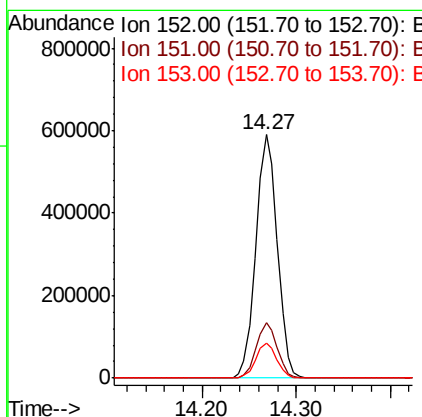
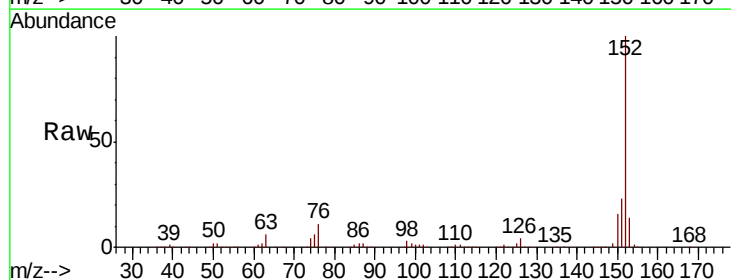
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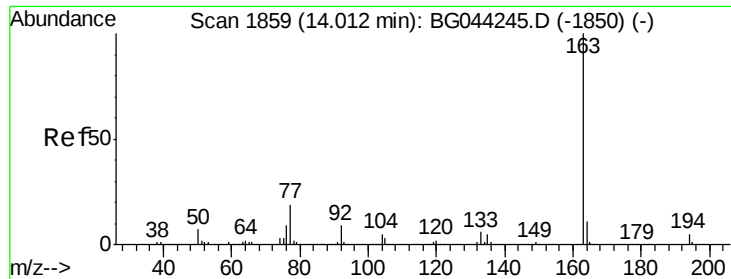
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#49
Acenaphthylene
Concen: 42.093 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.1	27.1
153	14.4	11.5	17.3





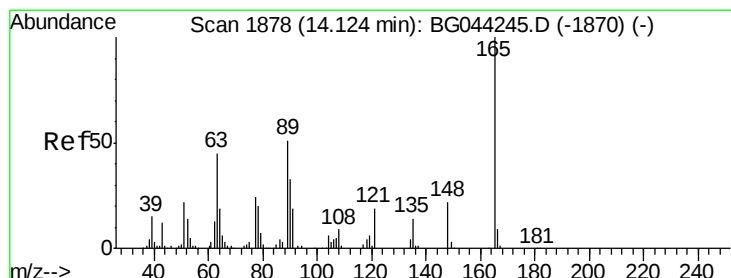
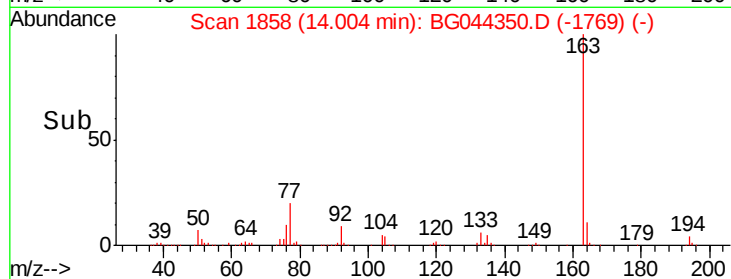
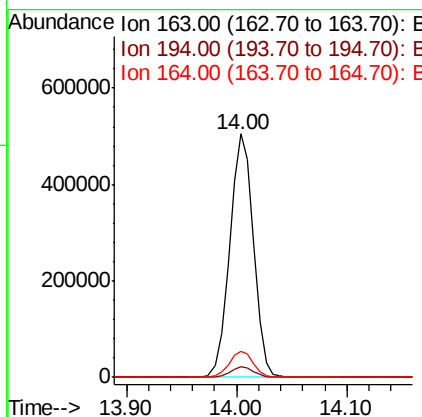
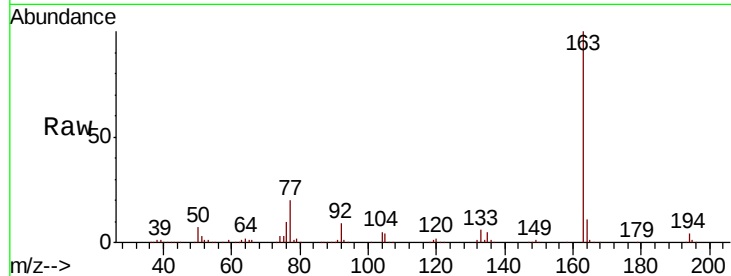
#50
Dimethylphthalate
Concen: 40.246 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.9	8.7	13.1

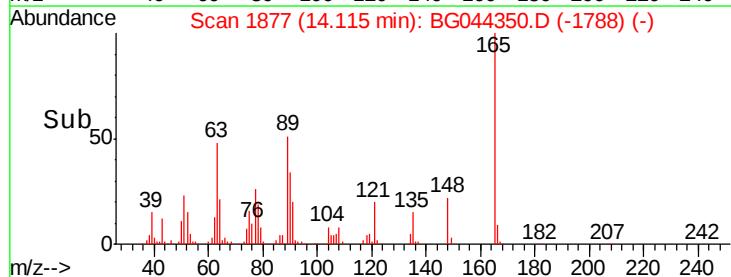
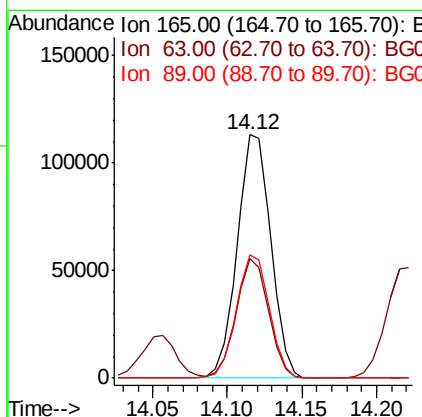
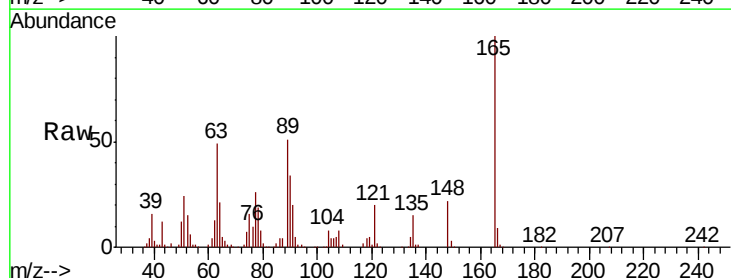
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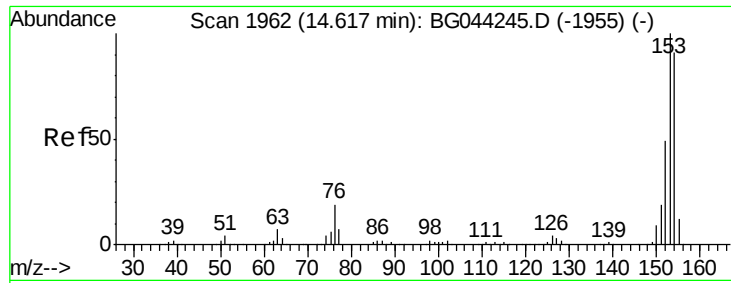
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#51
2,6-Dinitrotoluene
Concen: 42.066 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.7	58.1
89	50.8	40.4	60.6





#52

Acenaphthene

Concen: 40.902 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

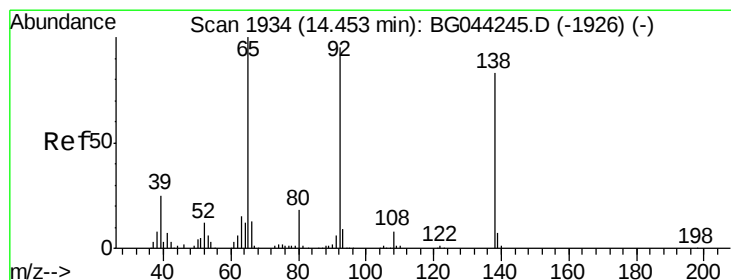
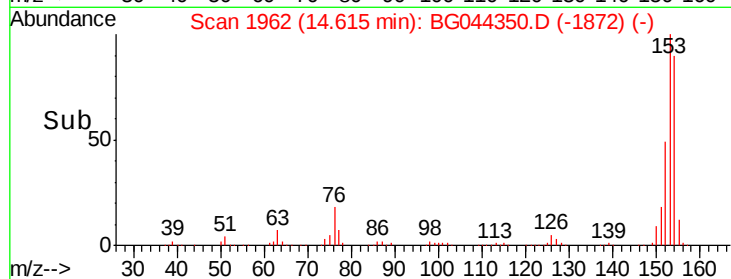
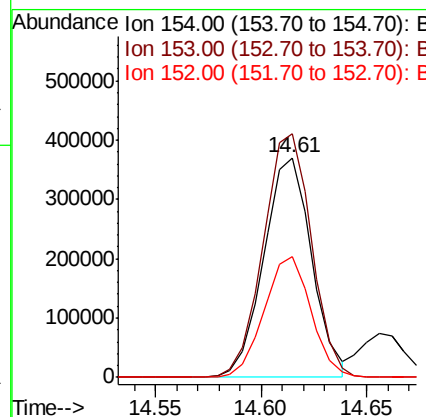
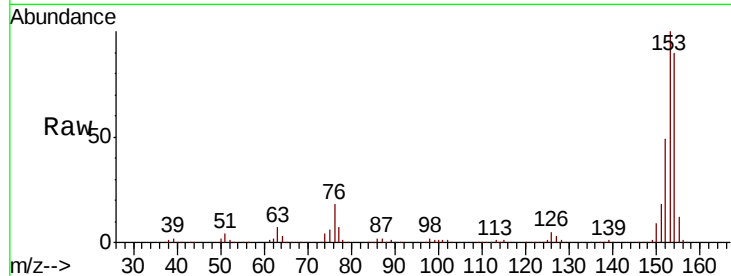
ClientSampled :

PB126664BS

Tot Ion:	154	Resp:	585269
Ion Ratio	Lower	Upper	
154	100		
153	111.0	87.9	131.9
152	54.9	43.1	64.7

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#53

3-Nitroaniline

Concen: 26.271 ng

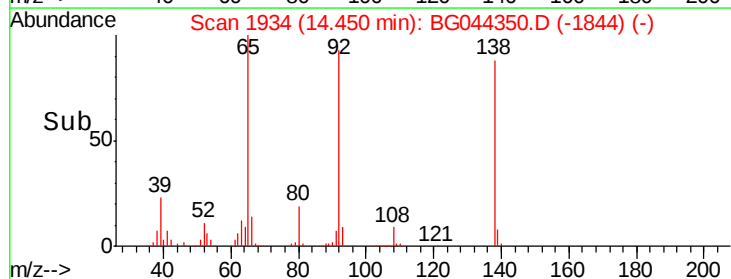
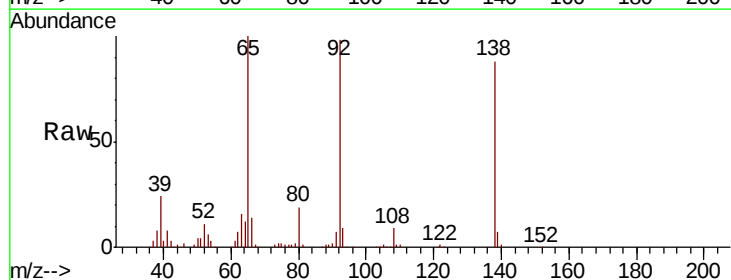
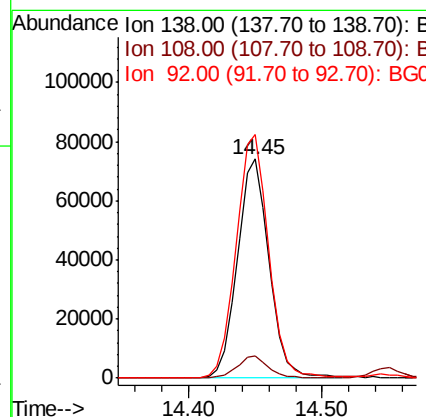
RT: 14.45 min Scan# 1934

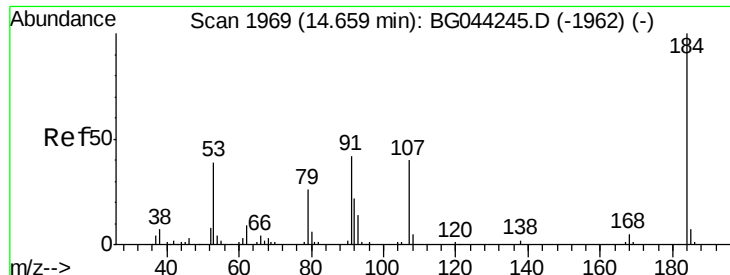
Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:	138	Resp:	122153
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.9	11.9
92	111.1	91.0	136.4





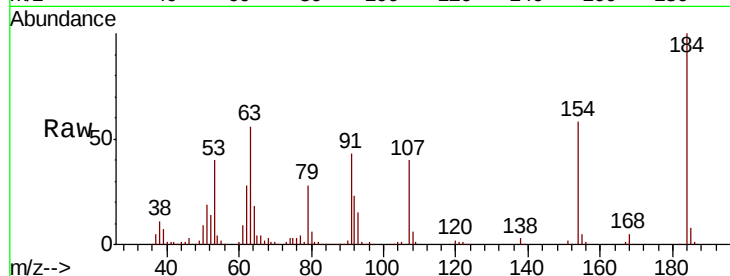
#54
2,4-Dinitrophenol
Concen: 83.653 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	209285		
63	56.2		44.1	66.1
154	58.3		45.4	68.0

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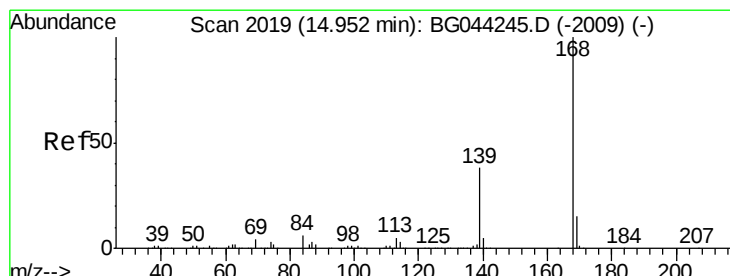
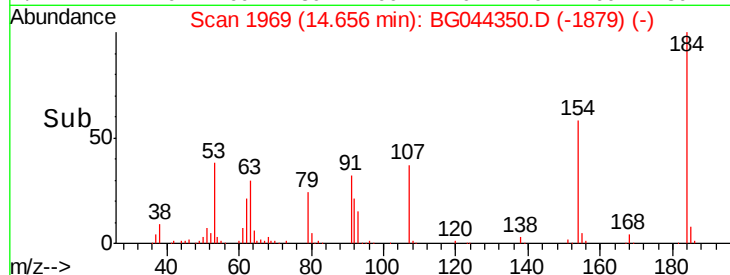
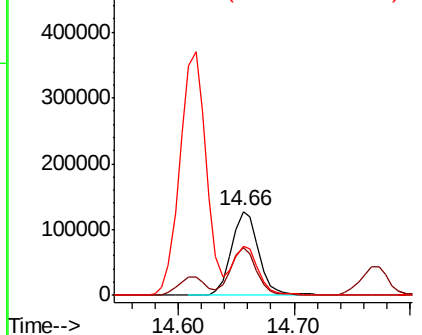


Abundance

Ion 184.00 (183.70 to 184.70): E

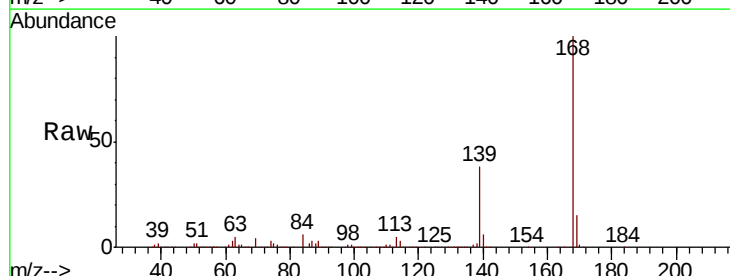
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 41.561 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	900415		
139	37.9		30.5	45.7
169	14.7		11.7	17.5

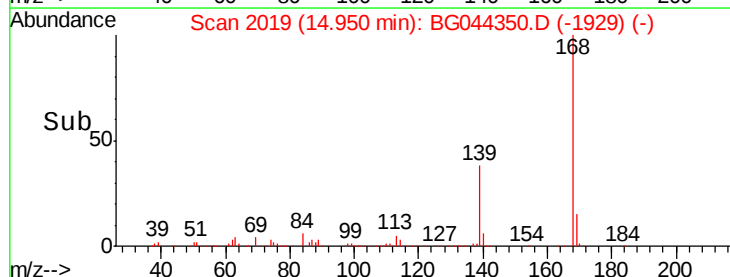
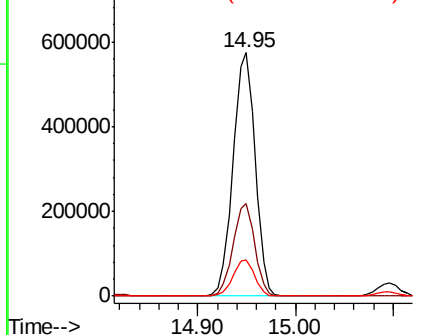


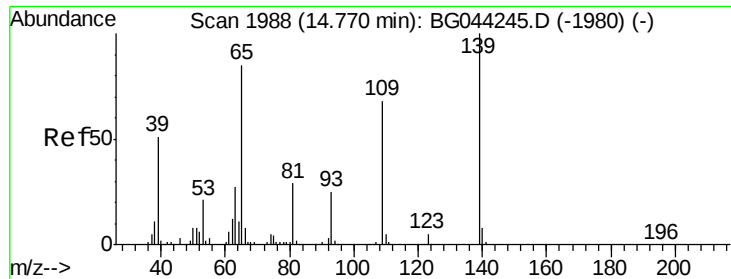
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





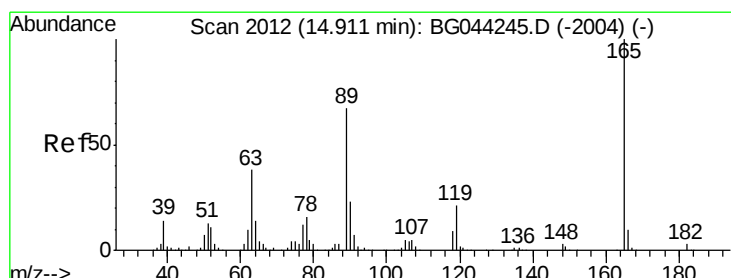
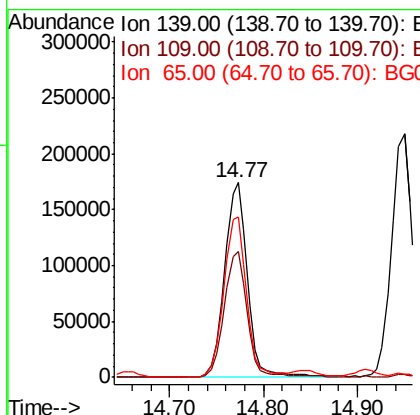
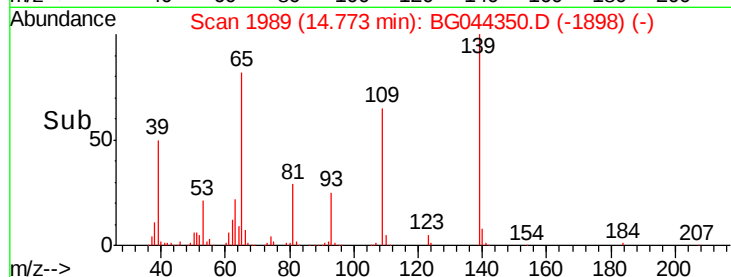
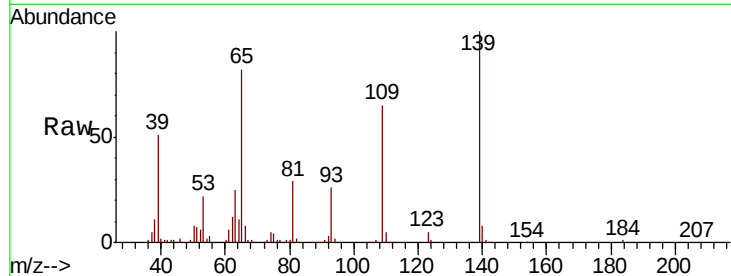
#56
4-Nitrophenol
Concen: 86.603 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	294970		
109	64.5	47.5	87.5	
65	82.3	64.9	104.9	

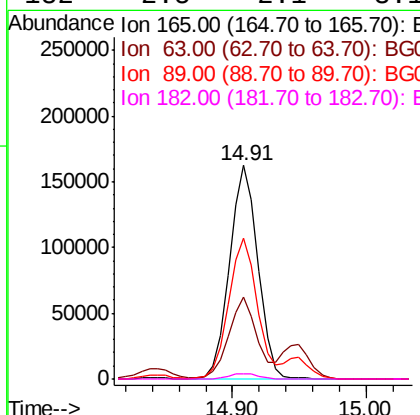
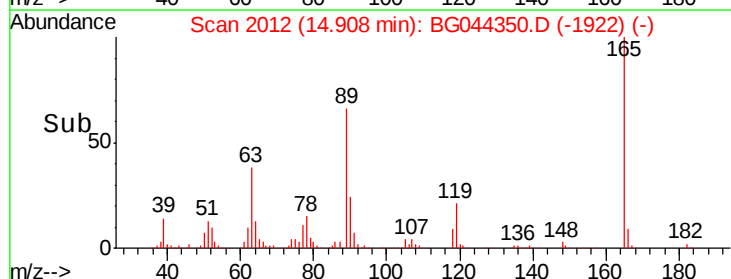
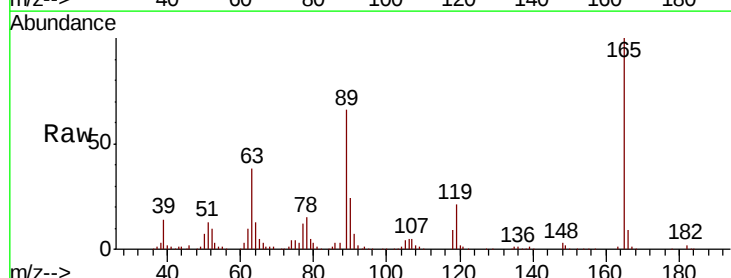
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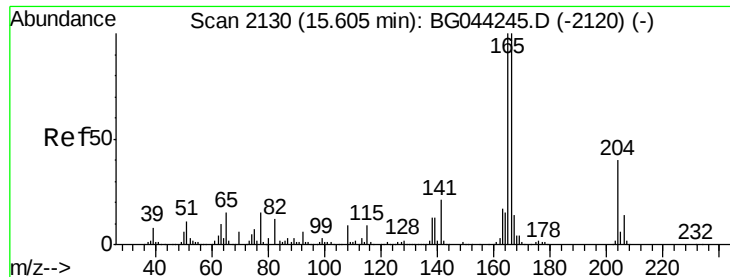
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#57
2,4-Dinitrotoluene
Concen: 40.870 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240748		
63	38.1	30.3	45.5	
89	65.8	53.4	80.2	
182	2.5	2.1	3.1	





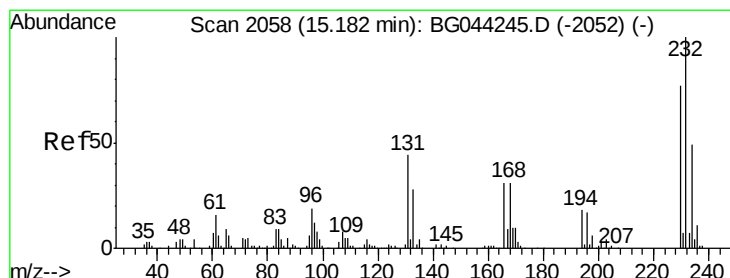
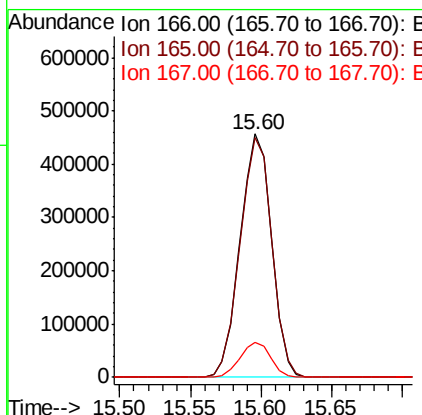
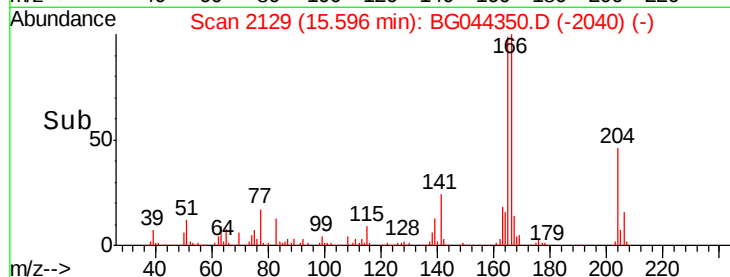
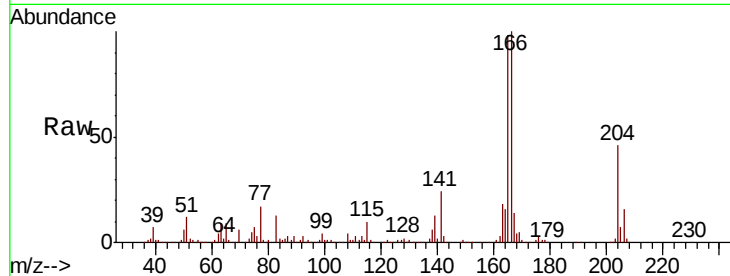
#58
Fluorene
Concen: 41.738 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	14.3	11.4	17.0

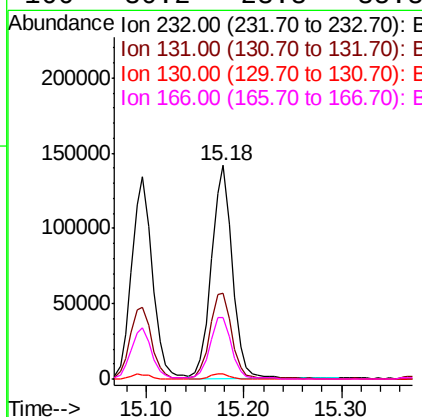
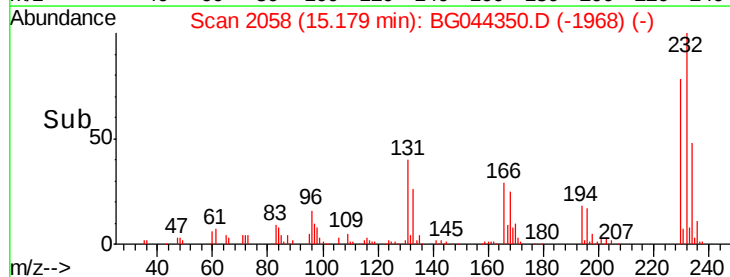
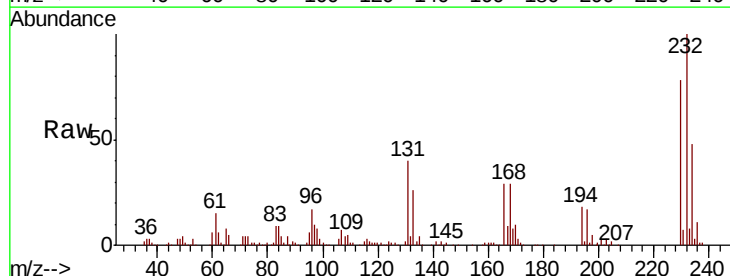
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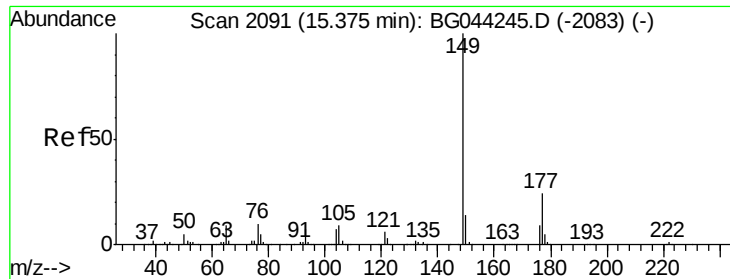
mohammad
2/11/2020 8:26:18 AM



#59
2,3,4,6-Tetrachlorophenol
Concen: 44.927 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.2	51.4
130	2.3	1.8	2.8
166	30.2	23.8	35.8





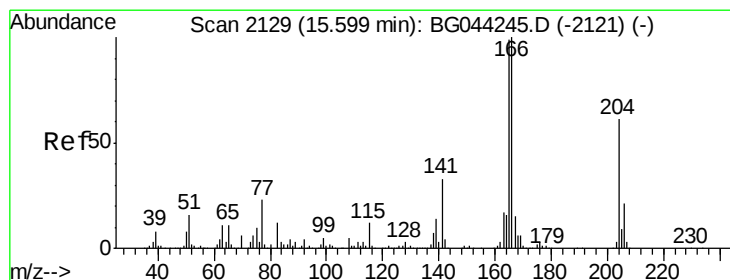
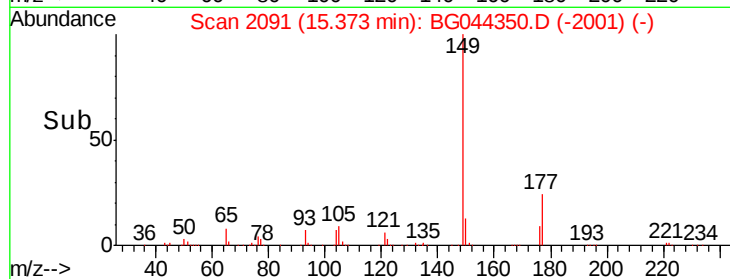
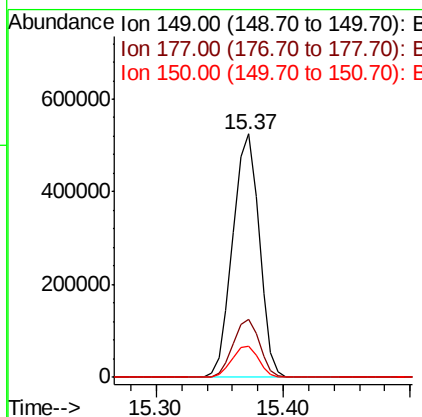
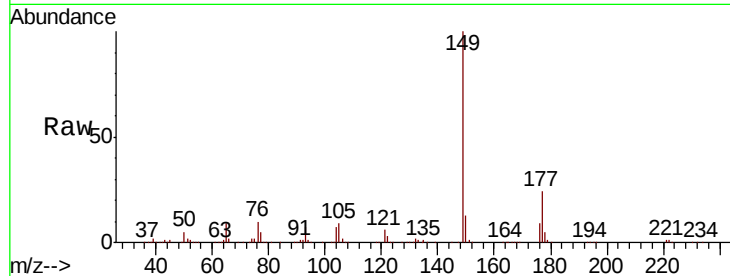
#60
Diethylphthalate
Concen: 40.337 ng
RT: 15.37 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.4	29.0
150	12.9	10.9	16.3

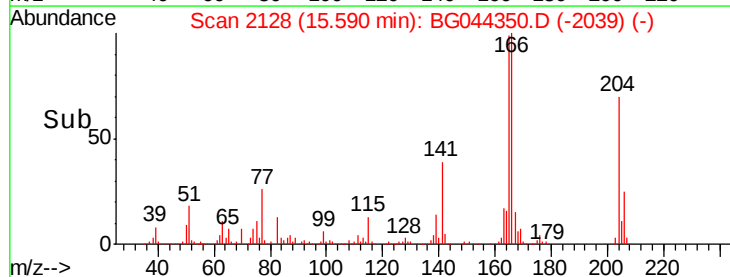
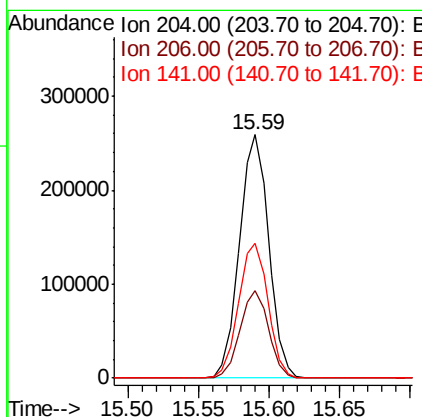
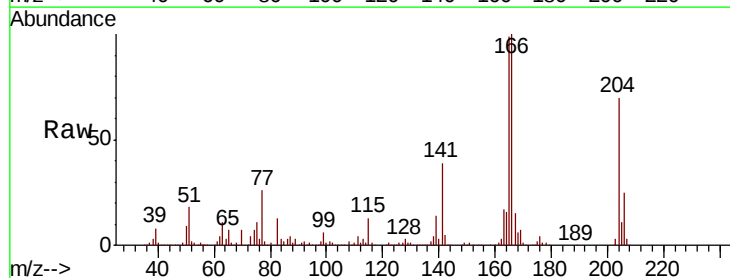
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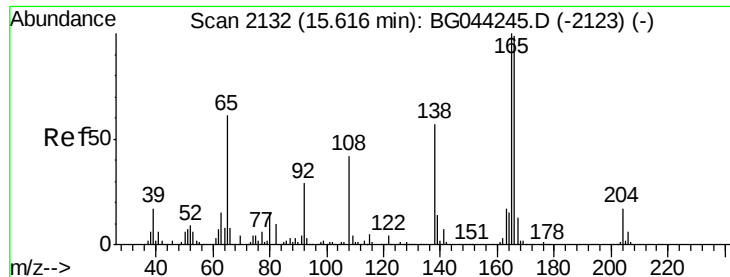
mohammad
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#61
4-Chlorophenyl-phenylether
Concen: 40.560 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	27.6	41.4
141	55.5	43.4	65.0





#62

4-Nitroaniline

Concen: 36.327 ng

RT: 15.61 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

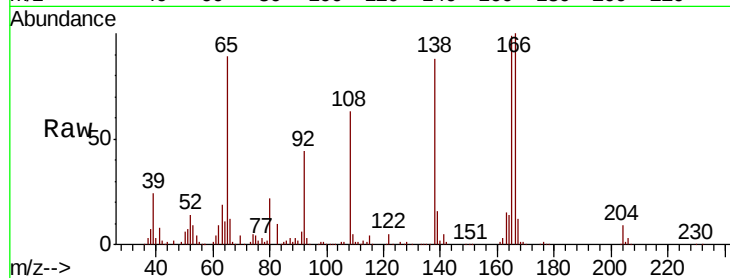
ClientSampled :

PB126664BS

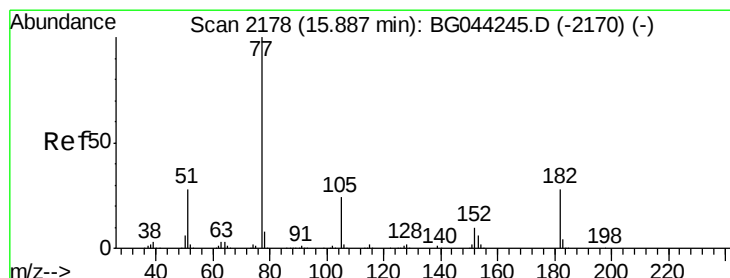
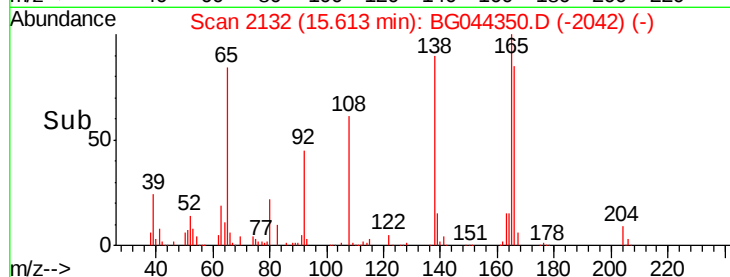
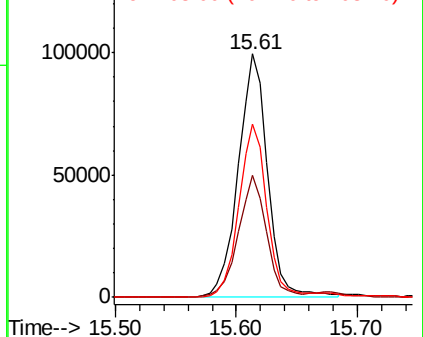
Tot Ion:	138	Resp:	168784
Ion Ratio	Lower	Upper	
138	100		
92	49.9	31.3	71.3
108	71.0	52.6	92.6

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.958 ng

RT: 15.88 min Scan# 2178

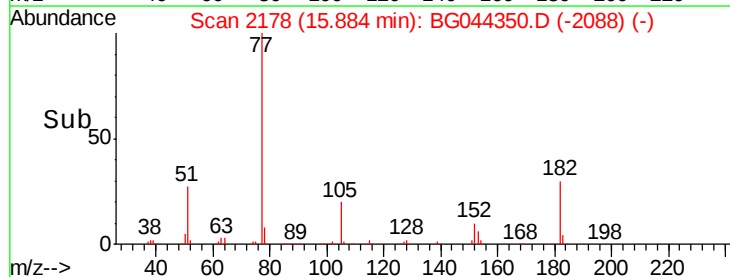
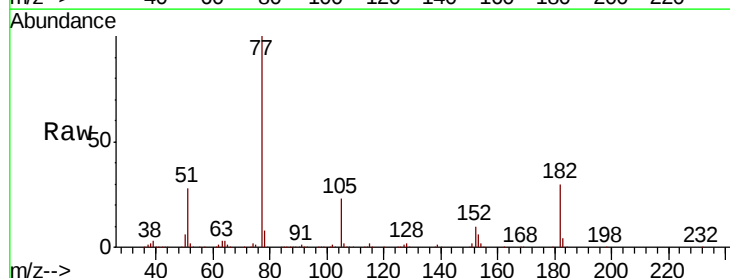
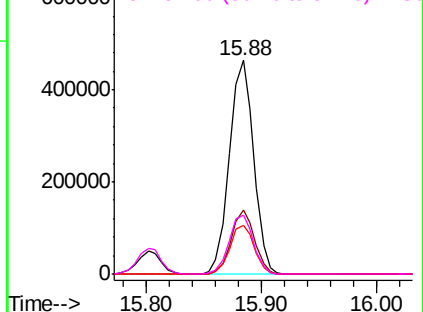
Delta R.T. -0.00 min

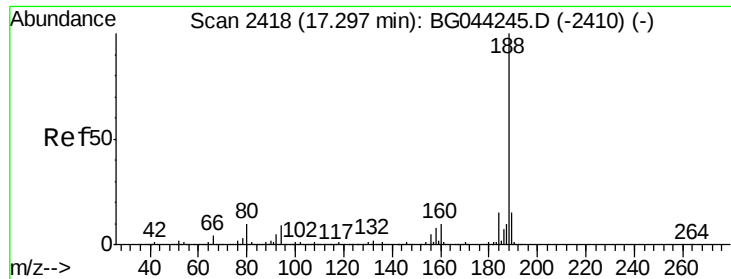
Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Tgt Ion:	77	Resp:	674222
Ion Ratio	Lower	Upper	
77	100		
182	29.8	8.2	48.2
105	22.9	3.6	43.6
51	27.7	8.3	48.3

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





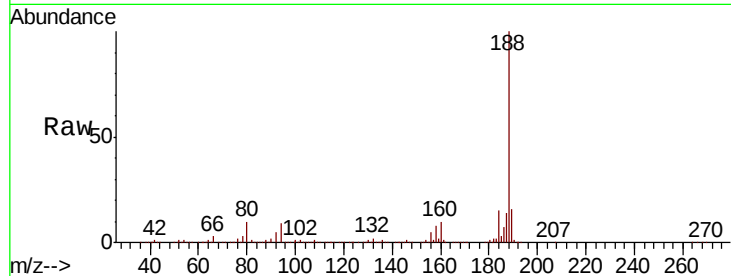
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

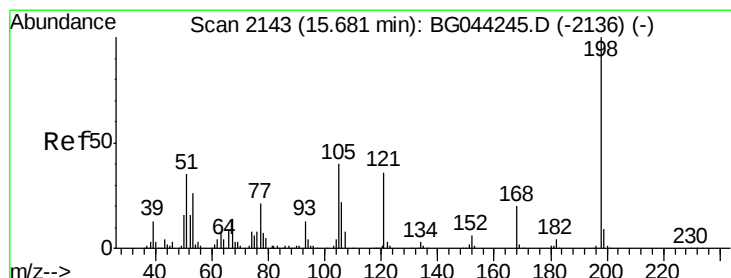
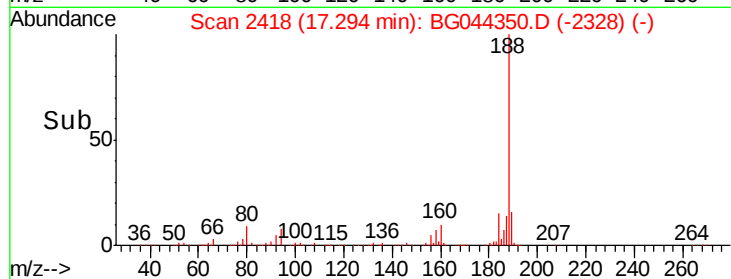
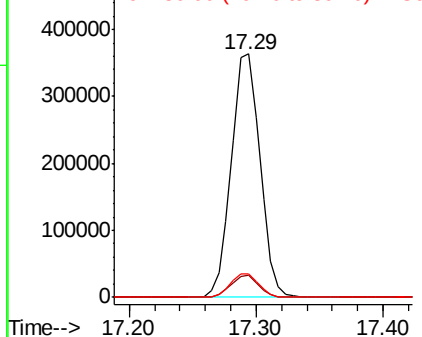
Tot Ion	Ratio	Resp	Lower	Upper
188	100	568648		
94	8.9		7.4	11.2
80	9.5		7.7	11.5

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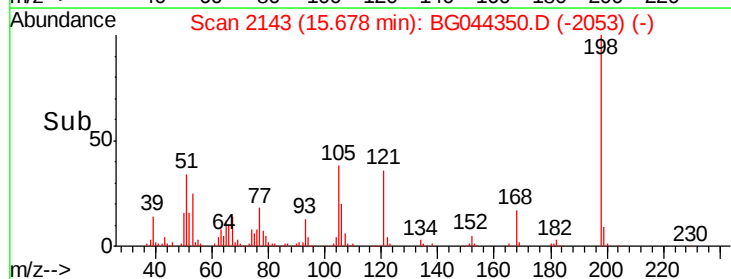
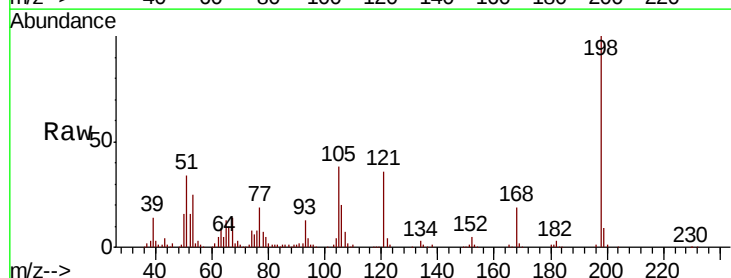
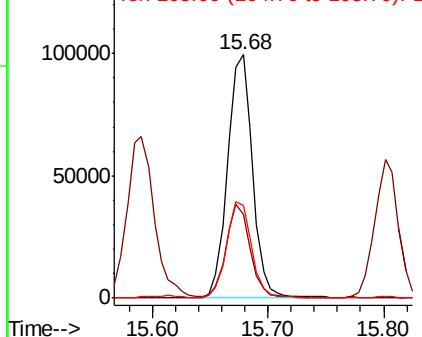
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

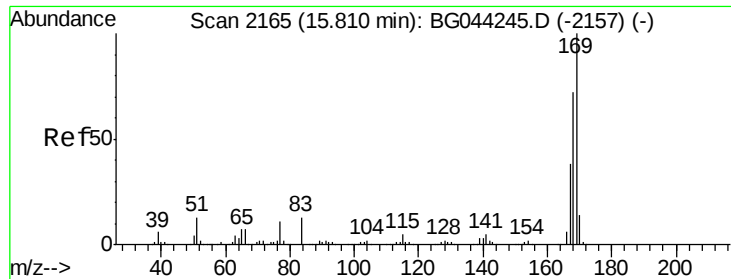


#65
4,6-Dinitro-2-methylphenol
Concen: 47.525 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	149179		
51	34.1		16.6	56.6
105	38.0		20.6	60.6

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E





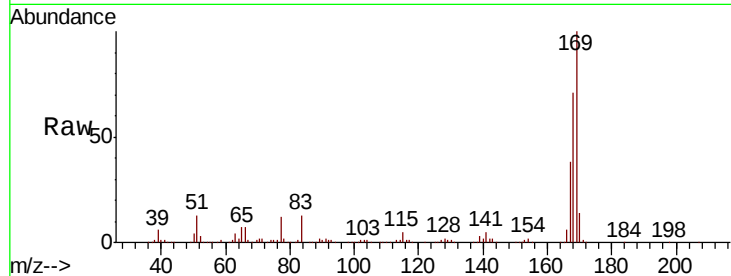
#66
n-Nitrosodiphenylamine
Concen: 40.954 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.1	57.9	86.9
167	38.4	30.7	46.1

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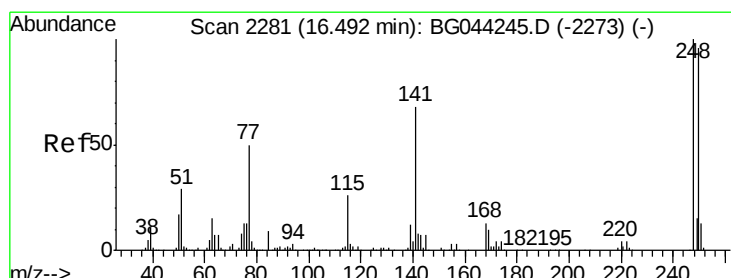
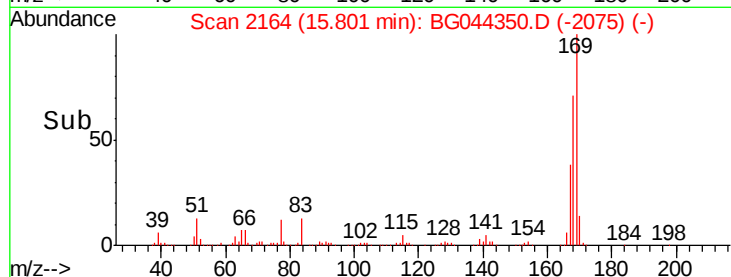
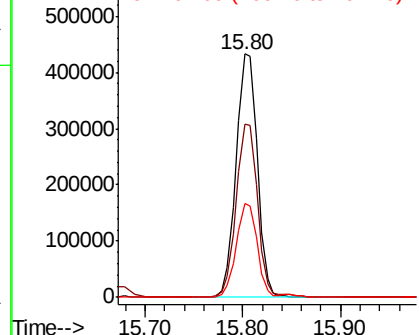


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
4-Bromophenyl-phenylether
Concen: 39.585 ng
RT: 16.48 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

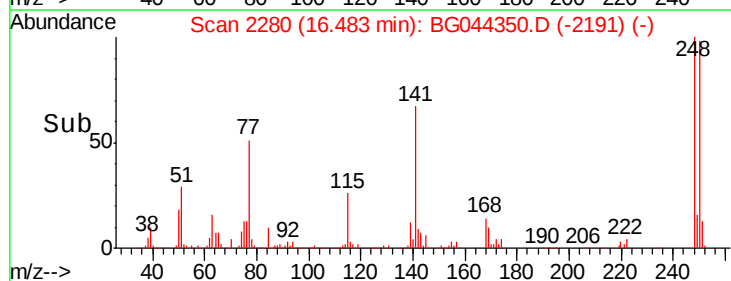
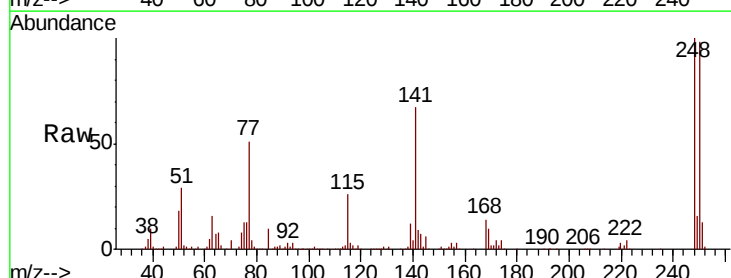
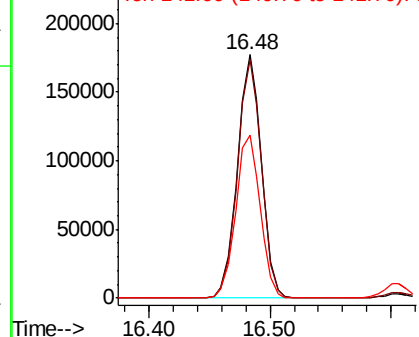
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.6	114.8
141	66.9	54.7	82.1

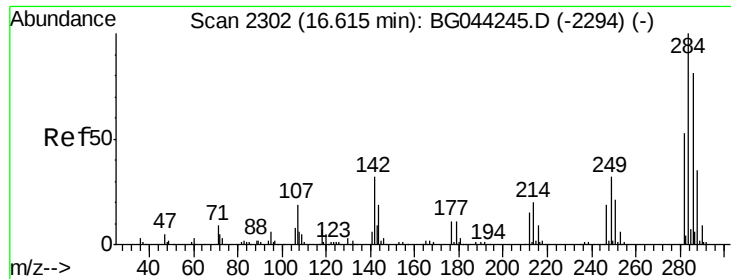
Abundance

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





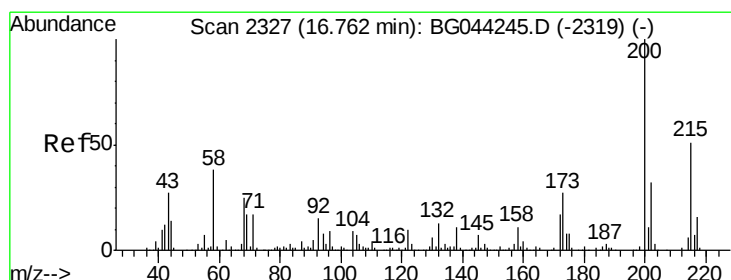
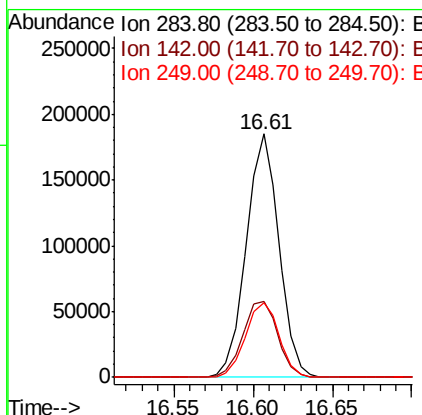
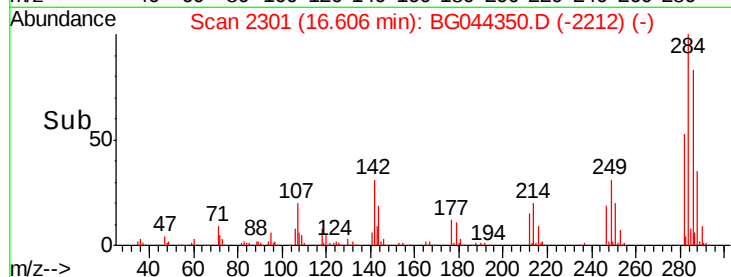
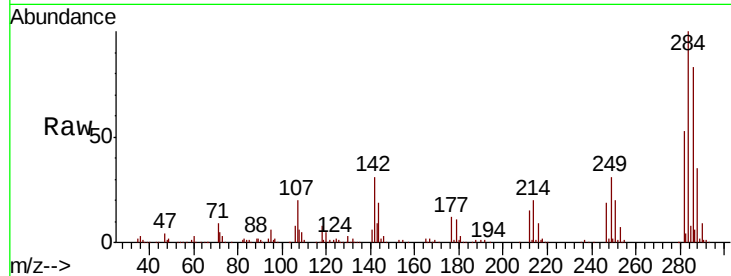
#68
Hexachlorobenzene
Concen: 38.000 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	263754		
142	31.2	25.3	37.9	
249	30.8	25.5	38.3	

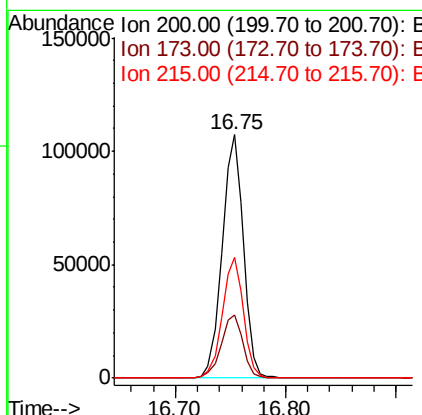
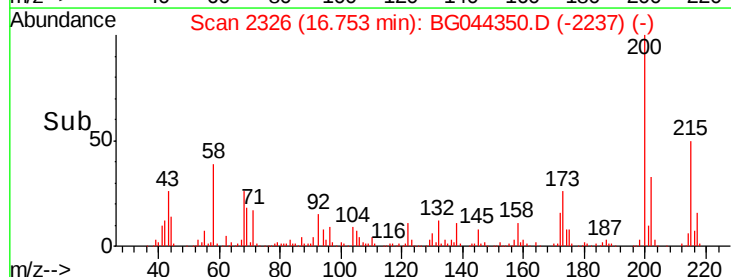
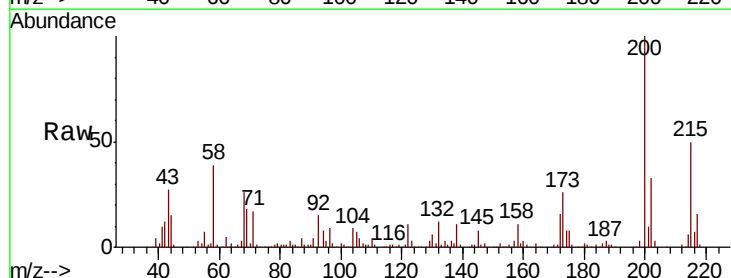
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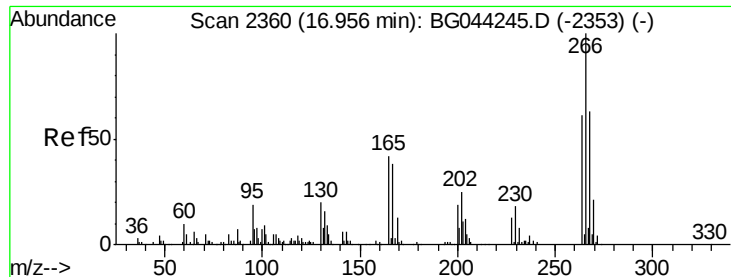
mohammad
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#69
Atrazine
Concen: 26.355 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	143953		
173	26.2	6.6	46.6	
215	49.5	31.0	71.0	





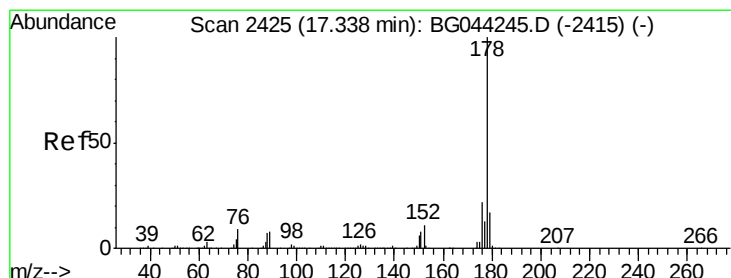
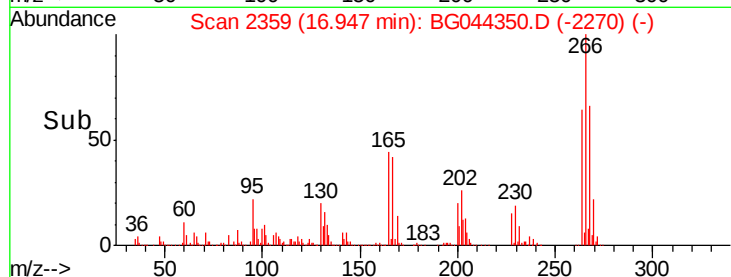
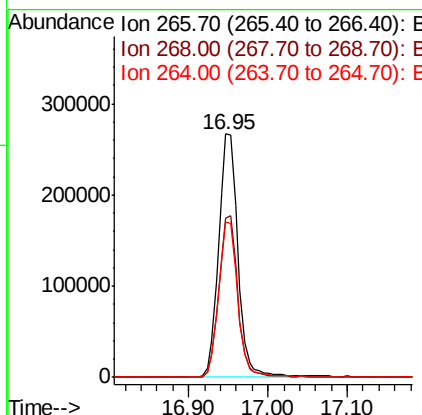
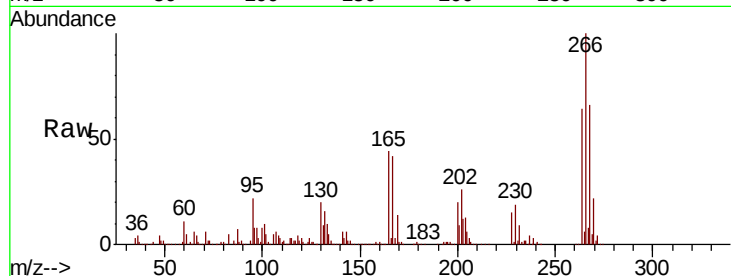
#70
 Pentachlorophenol
 Concen: 127.416 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.6	75.8
264	64.0	48.7	73.1

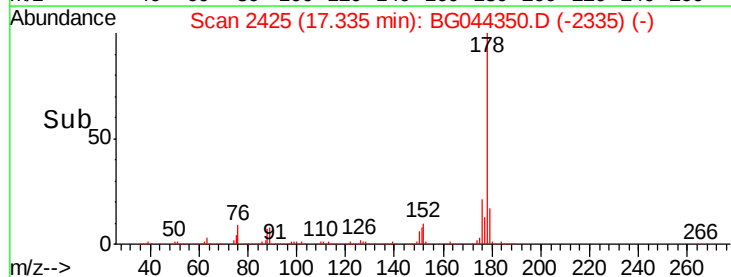
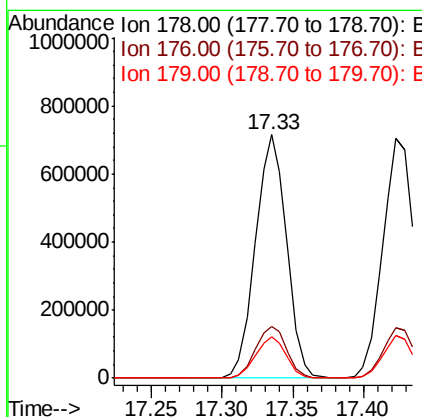
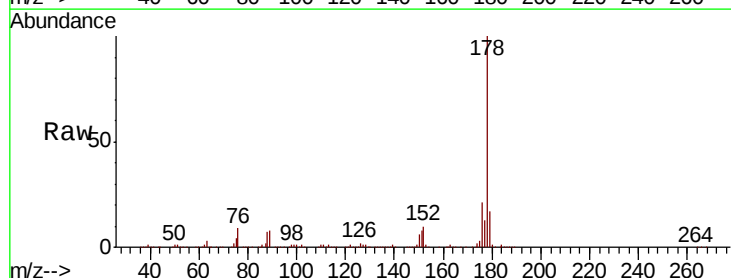
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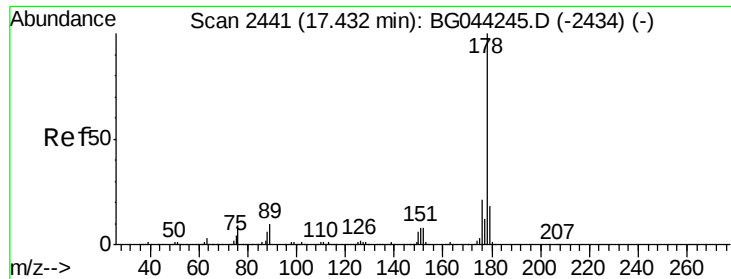
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#71
 Phenanthrene
 Concen: 40.116 ng
 RT: 17.33 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	17.2	13.7	20.5





#72

Anthracene

Concen: 40.242 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

ClientSampleId :

PB126664BS

Tot Ion:178 Resp: 1095538

Ion Ratio Lower Upper

178 100

176 21.1 17.0 25.4

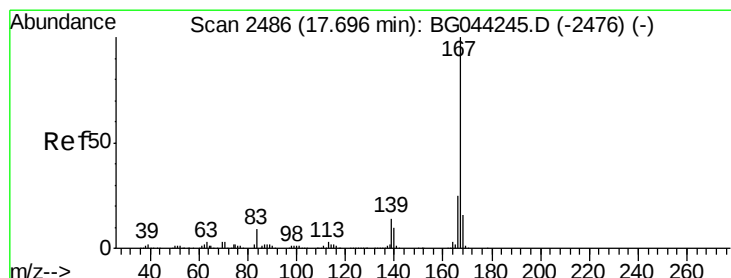
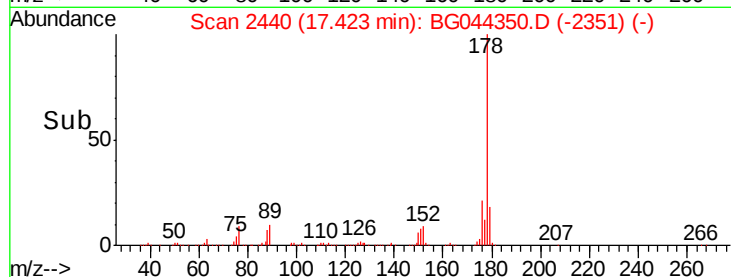
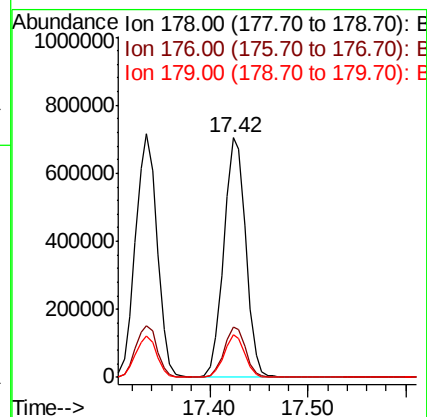
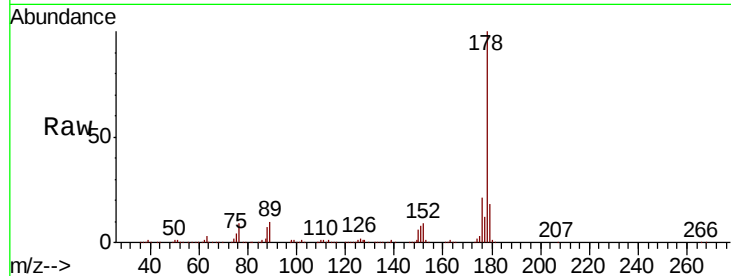
179 17.7 14.4 21.6

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#73

Carbazole

Concen: 40.559 ng

RT: 17.69 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

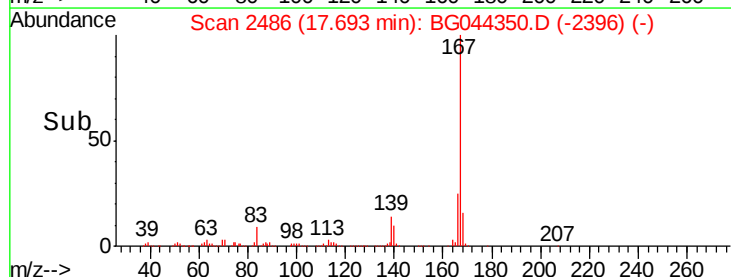
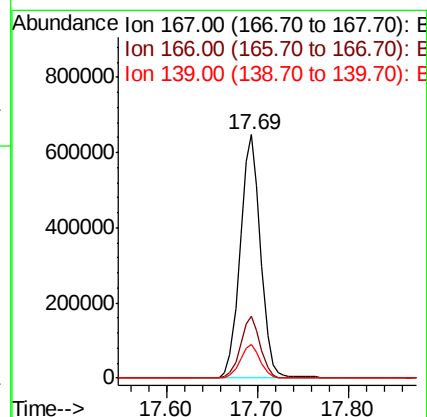
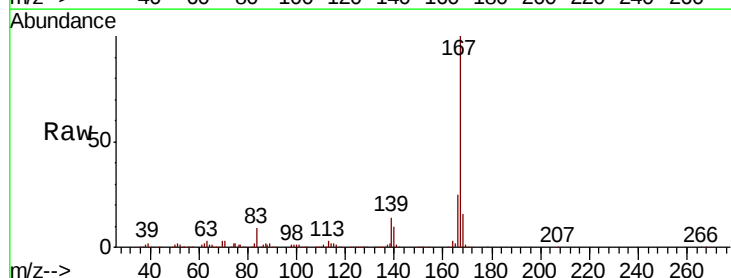
Tgt Ion:167 Resp: 1017903

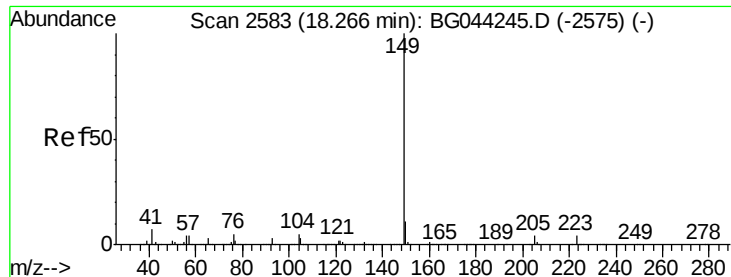
Ion Ratio Lower Upper

167 100

166 25.2 19.8 29.6

139 14.0 11.1 16.7





#74

Di-n-butylphthalate

Concen: 40.371 ng

RT: 18.26 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

ClientSampleId :

PB126664BS

Tot Ion:149 Resp: 1252065

Ion Ratio Lower Upper

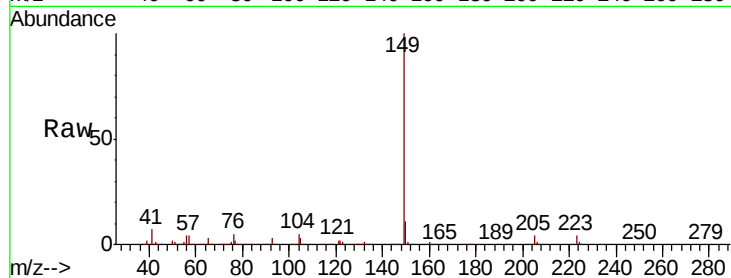
149 100

150 10.9 8.7 13.1

104 5.3 4.3 6.5

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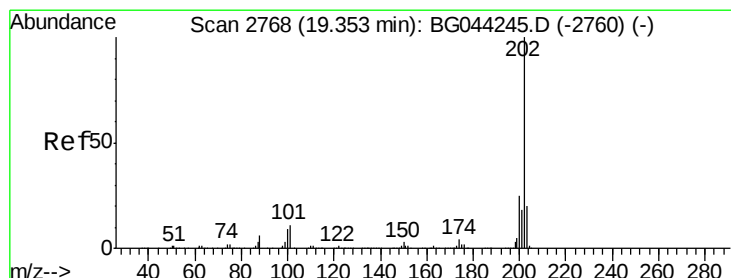
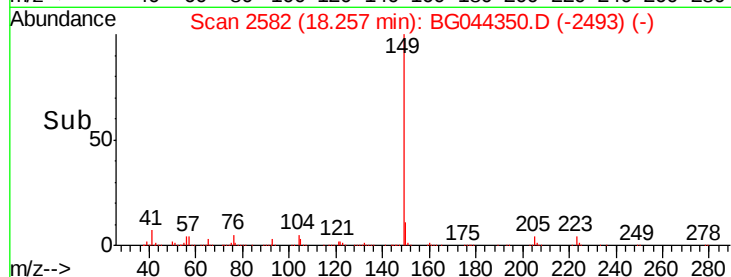
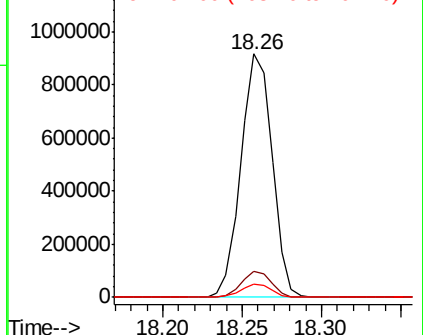


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 40.746 ng

RT: 19.34 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

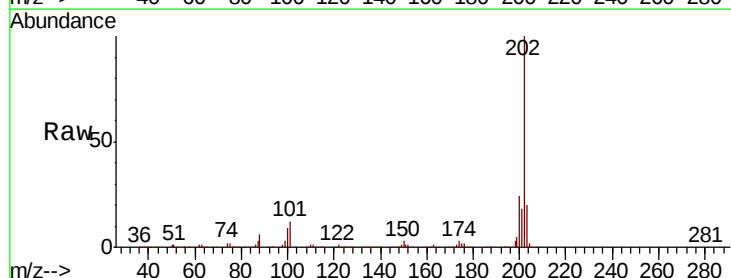
Tgt Ion:202 Resp: 1297931

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

203 20.0 0.0 39.9

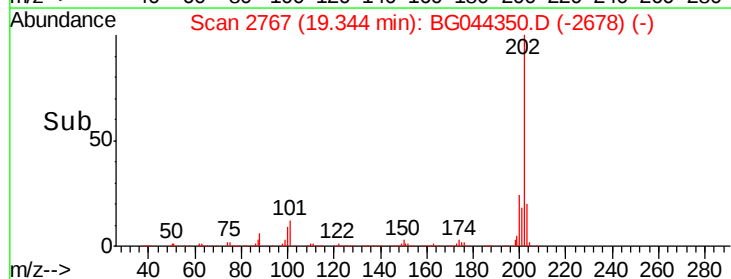
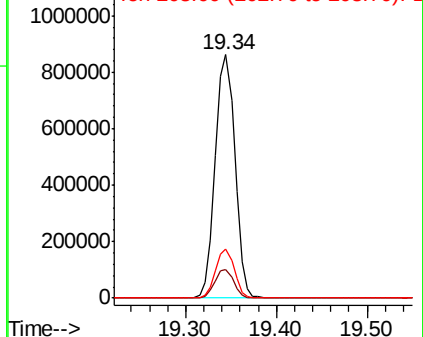


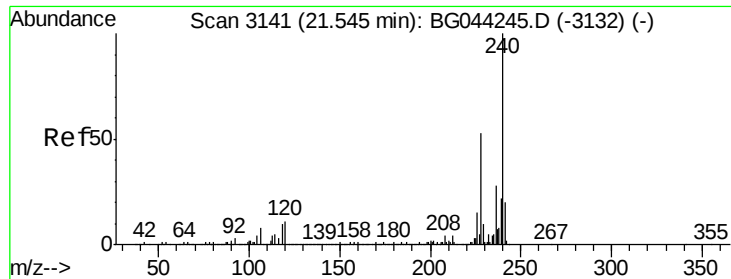
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





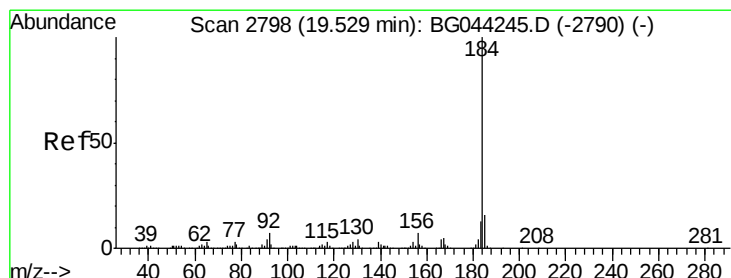
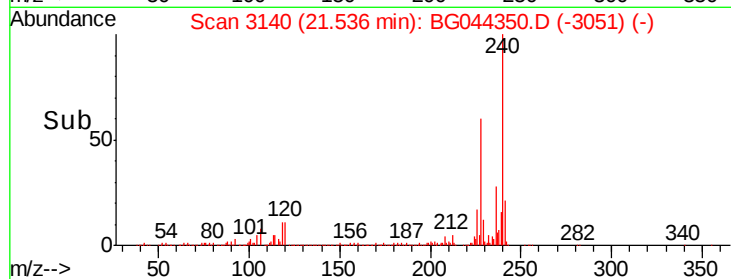
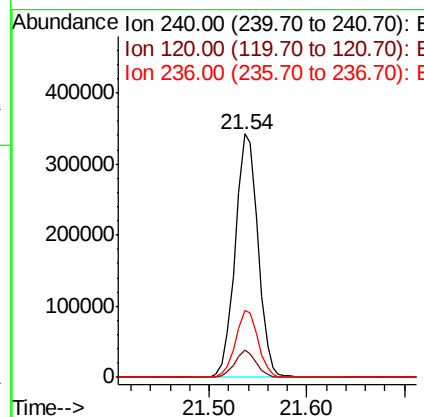
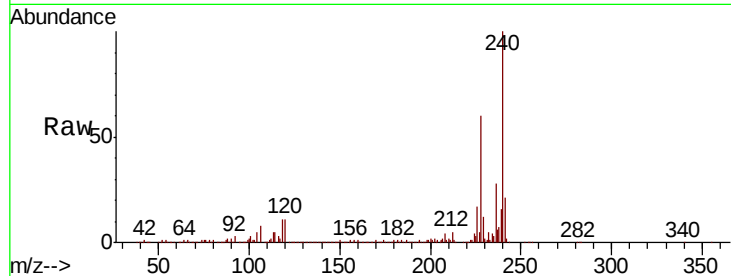
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	27.7	22.1	33.1

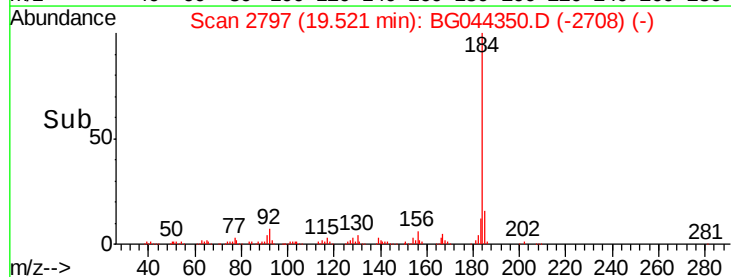
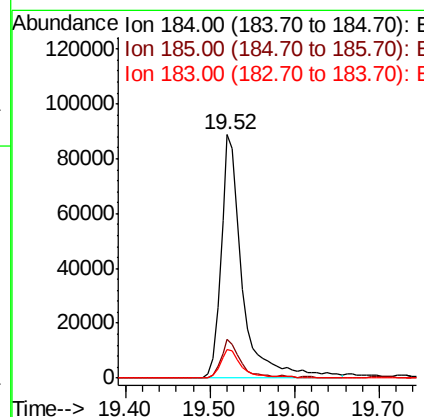
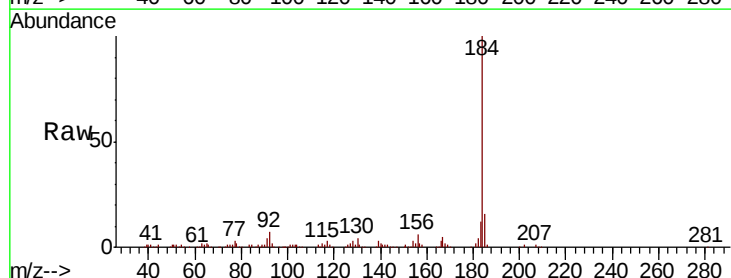
Manual Integrations
 APPROVED

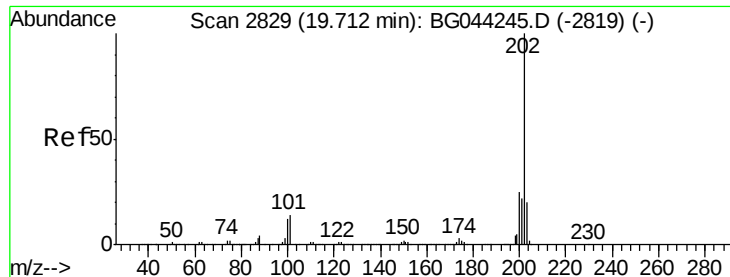
mohammad
 2/11/2020 8:26:18 AM



#77
 Benzidine
 Concen: 10.229 ng
 RT: 19.52 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	11.8	10.8	16.2





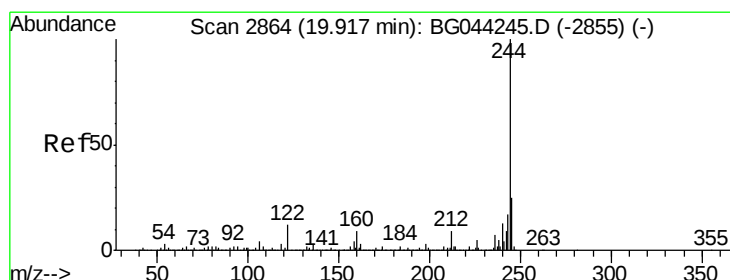
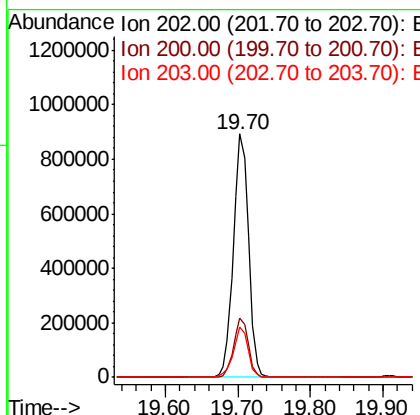
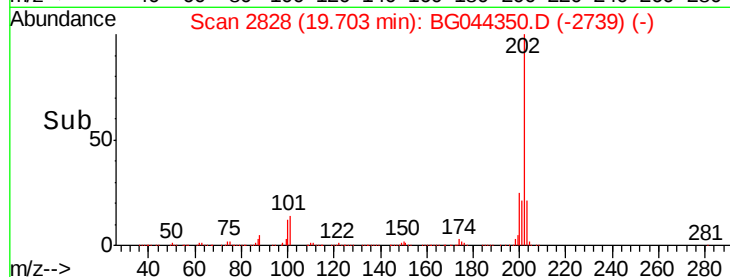
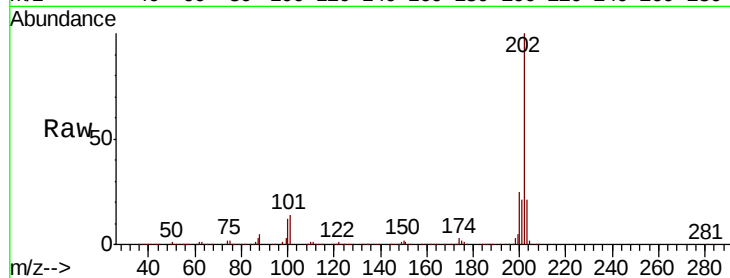
#78
Pvrene
Concen: 36.648 ng
RT: 19.70 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.6	20.0	30.0
203	20.5	16.2	24.2

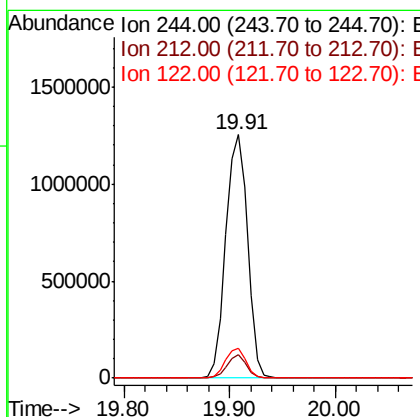
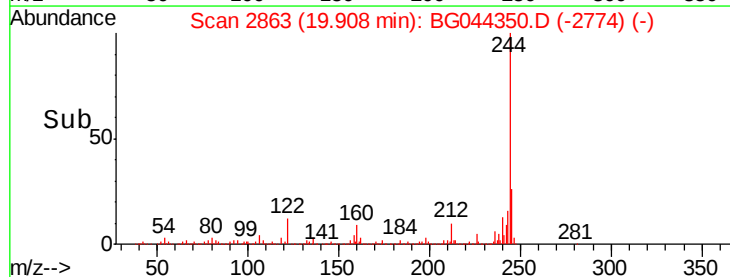
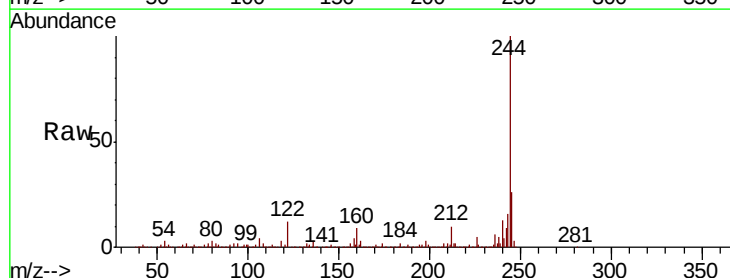
Manual Integrations
APPROVED

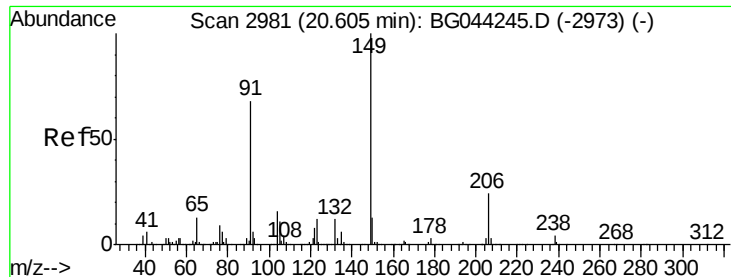
mohammad
2/11/2020 8:26:18 AM



#79
Terphenyl-d14
Concen: 66.364 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.2
122	12.3	9.8	14.6





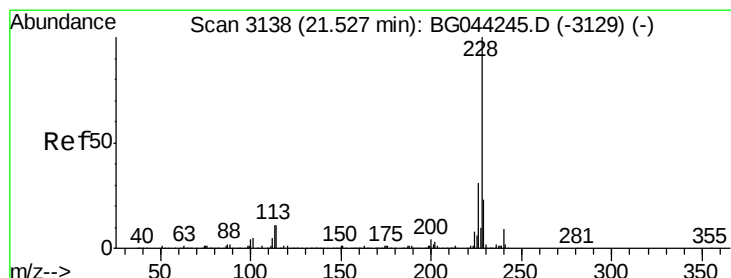
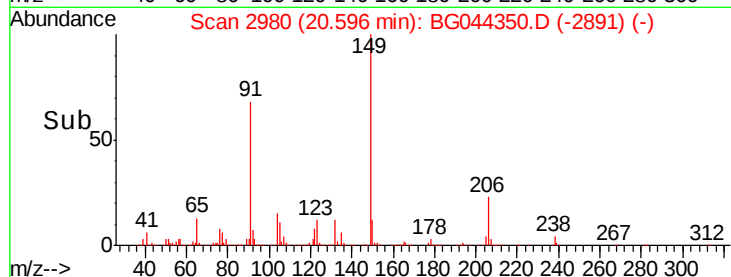
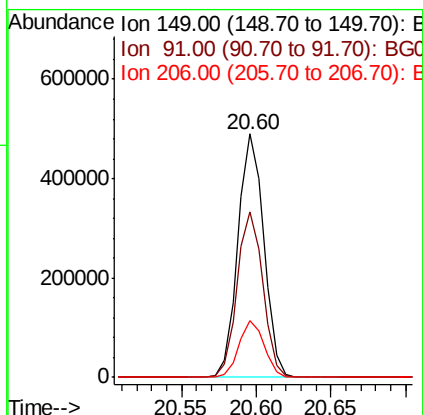
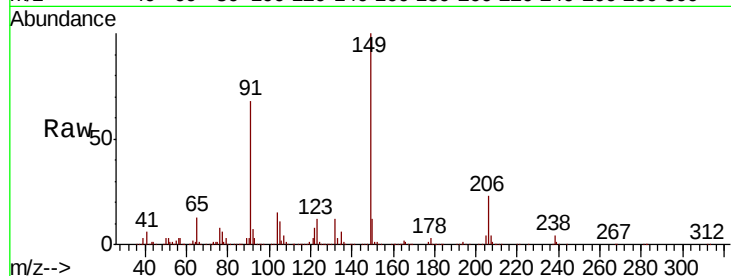
#80
Butylbenzylphthalate
Concen: 36.561 ng
RT: 20.60 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	54.5	81.7
206	23.4	19.1	28.7

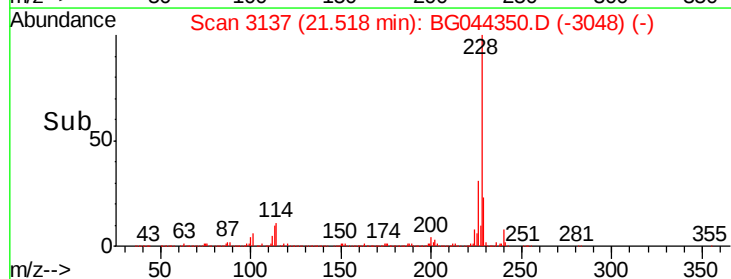
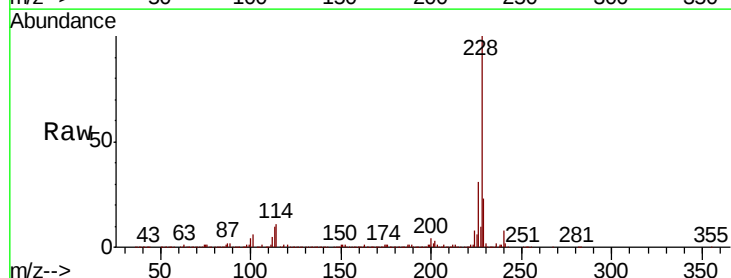
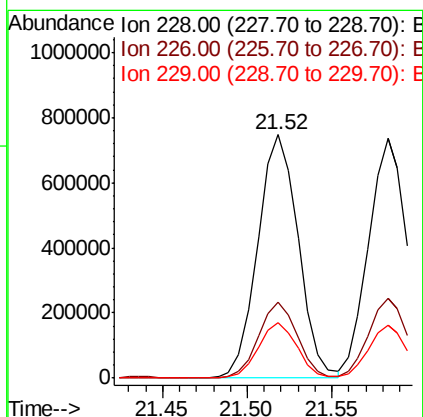
Manual Integrations
APPROVED

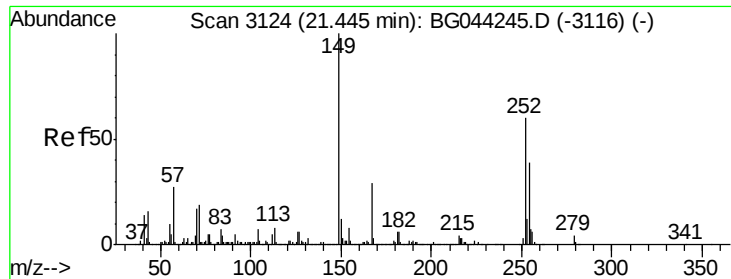
mohammad
2/11/2020 8:26:18 AM



#81
Benzo(a)anthracene
Concen: 36.622 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	22.5	18.2	27.4





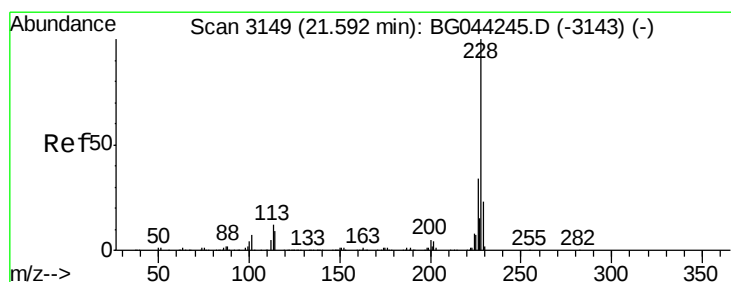
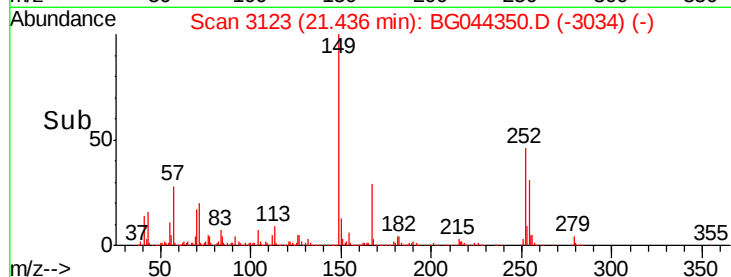
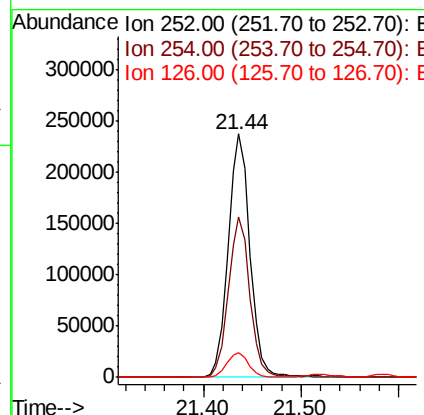
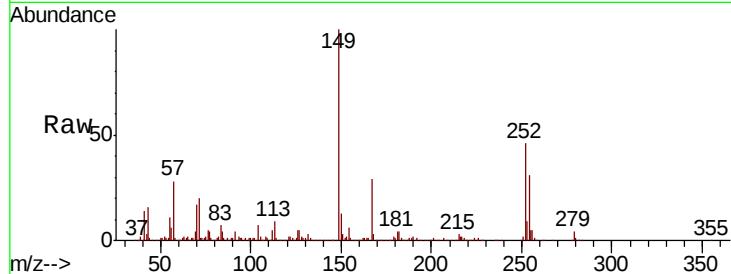
#82
 3,3'-Dichlorobenzidine
 Concen: 27.792 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	10.0	8.2	12.4

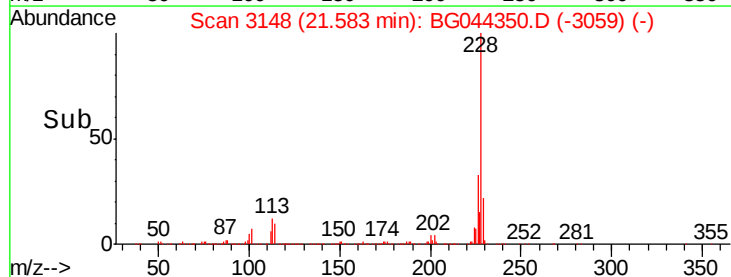
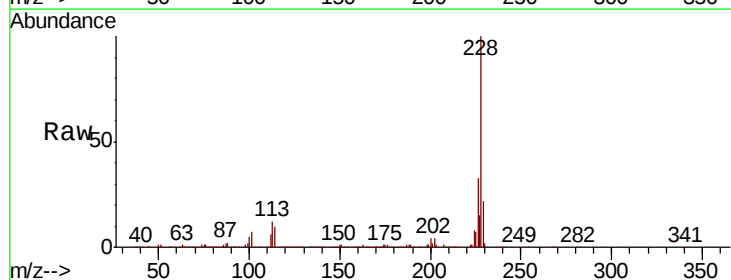
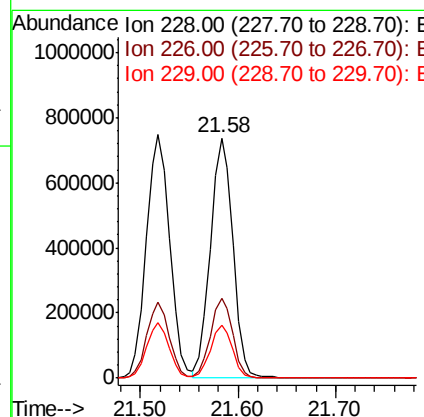
Manual Integrations
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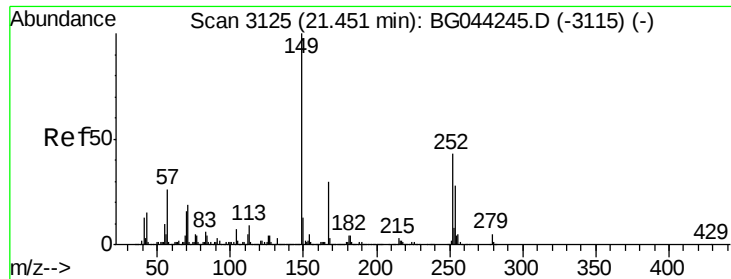
mohammad
 2/11/2020 8:26:18 AM



#83
 Chrysene
 Concen: 35.557 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.1	40.7
229	22.2	17.9	26.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.933 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044350.D

Acq: 8 Feb 2020 00:50

Instrument :

BNA_G

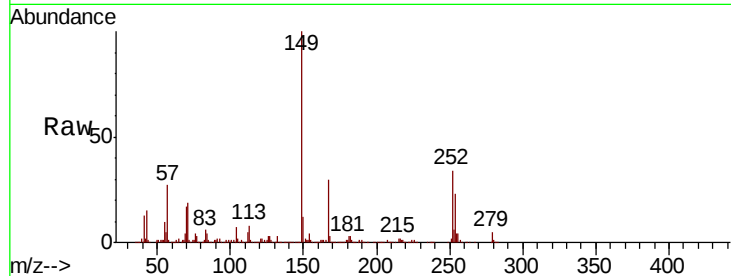
ClientSampleId :

PB126664BS

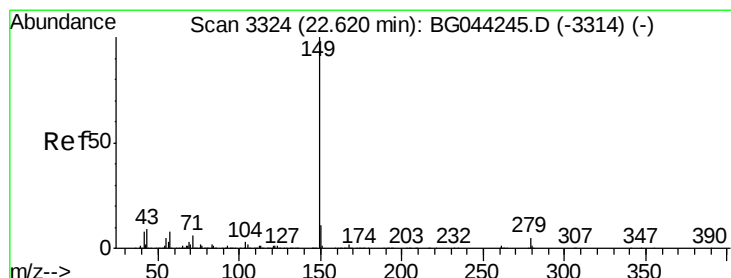
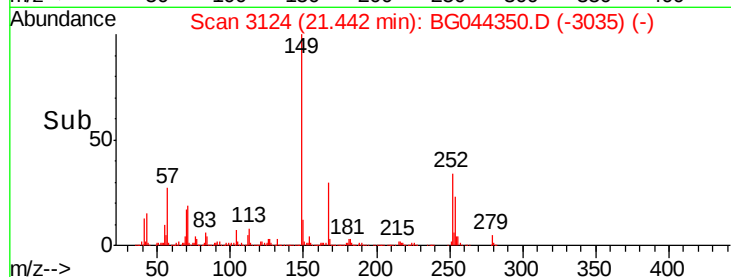
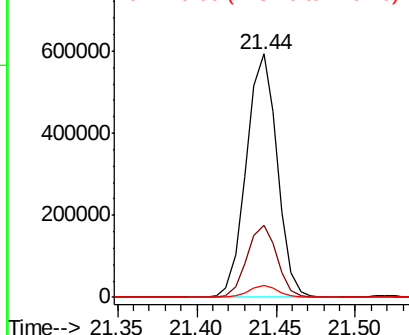
Tot Ion:	149	Resp:	801372
Ion Ratio	Lower	Upper	
149	100		
167	29.6	24.0	36.0
279	4.8	3.8	5.8

Manual Integrations
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mohammad
2/11/2020 8:26:18 AM



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 36.944 ng

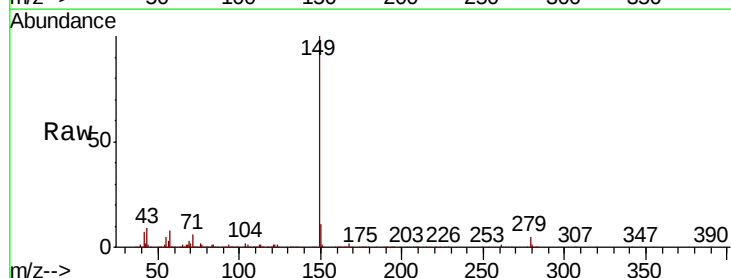
RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

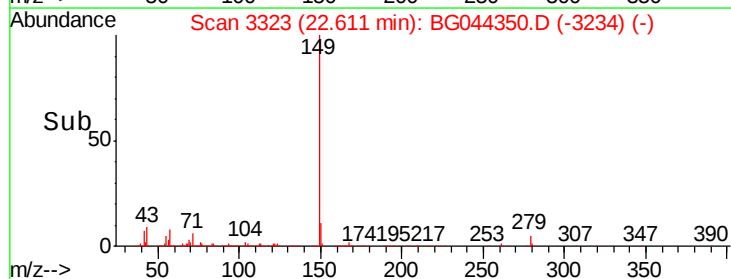
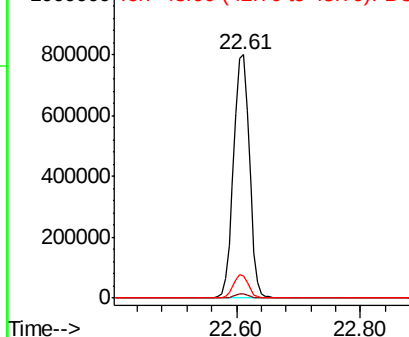
Lab File: BG044350.D

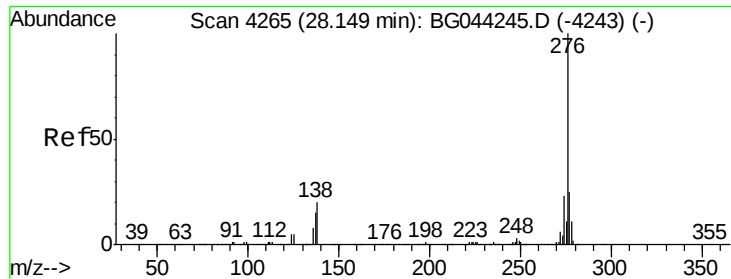
Acq: 8 Feb 2020 00:50

Tgt Ion:	149	Resp:	1425573
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.2	7.4	11.0



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC





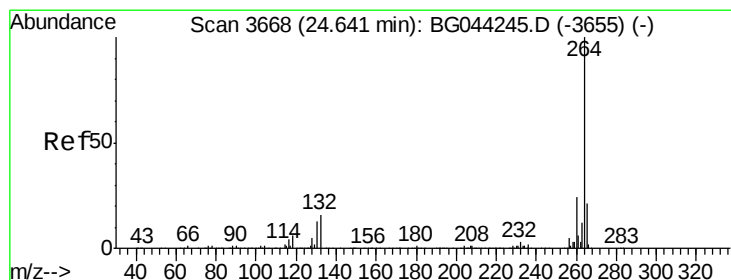
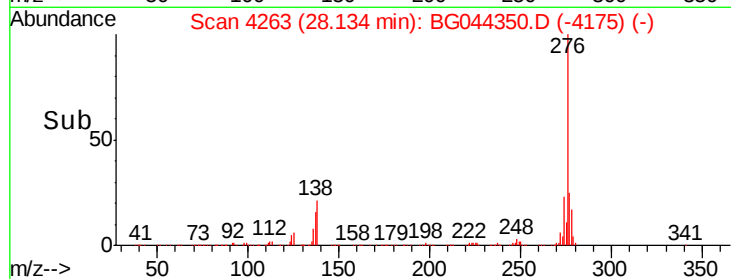
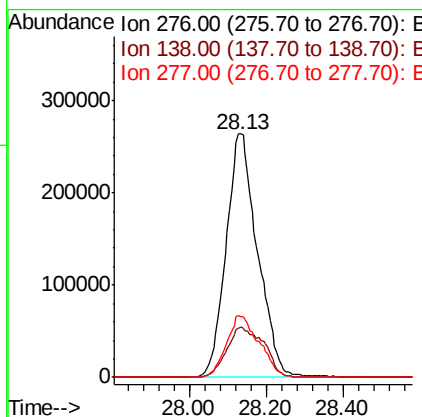
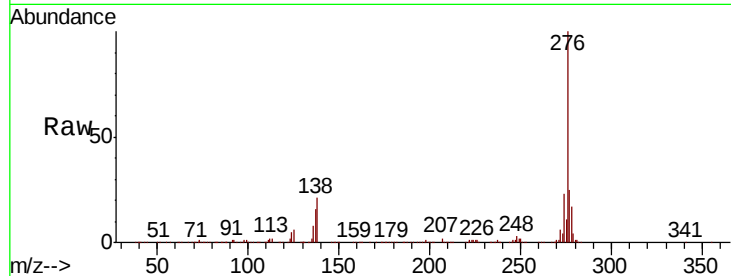
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.934 ng
RT: 28.13 min Scan# 4263
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.4	29.0
277	26.3	21.0	31.6

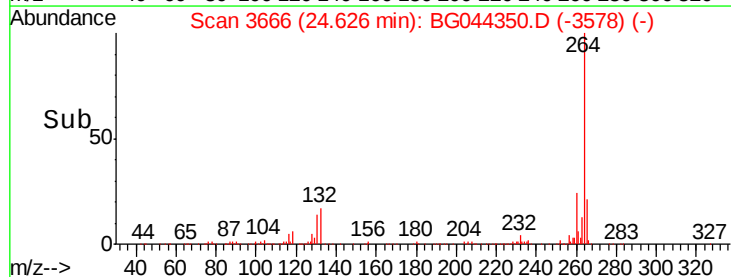
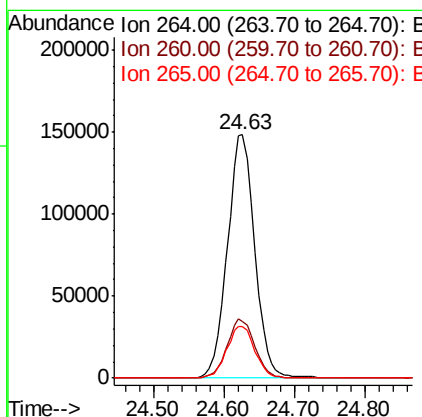
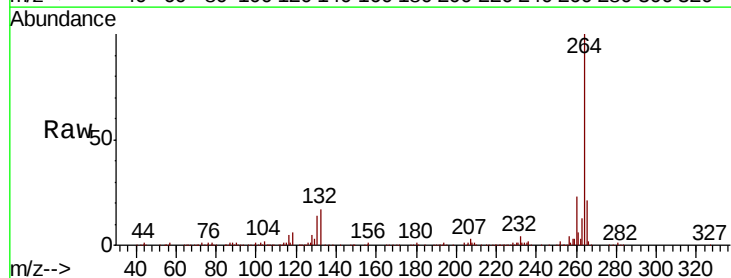
Manual Integrations
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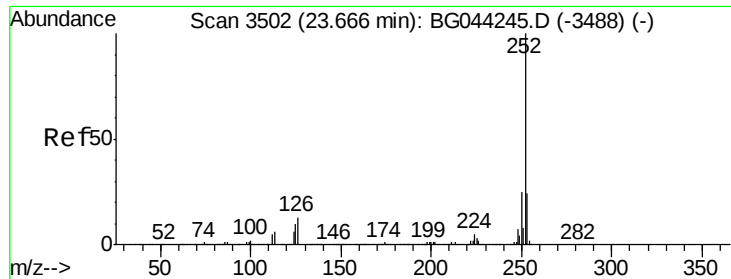
mohammad
2/11/2020 8:26:18 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.0	16.7	25.1





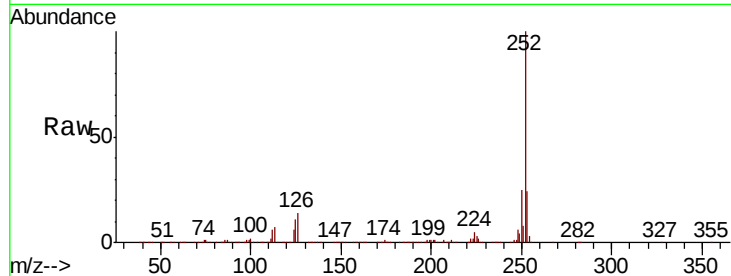
#88
Benzo(b)fluoranthene
Concen: 58.130 ng
RT: 23.65 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	10.5	8.4	12.6

Manual Integrations
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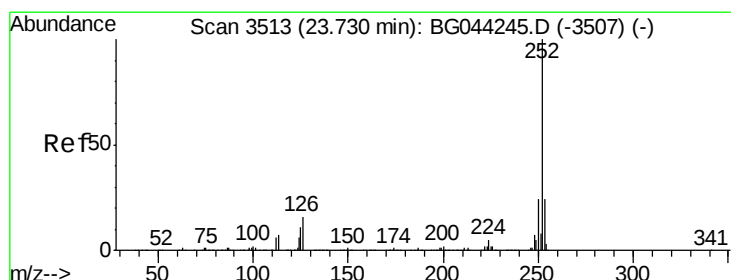
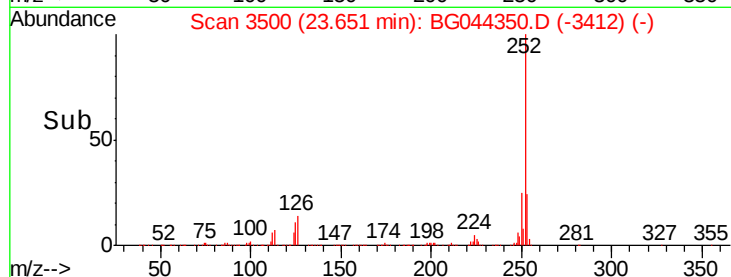
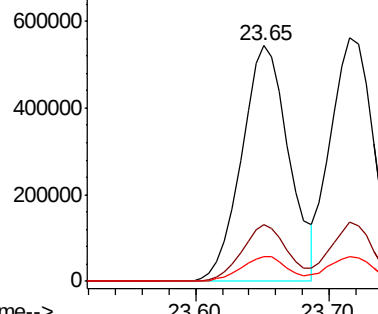


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 56.072 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

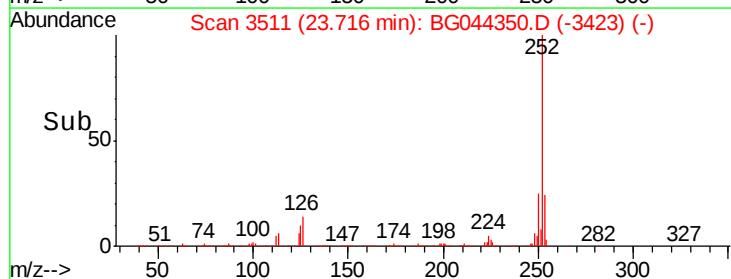
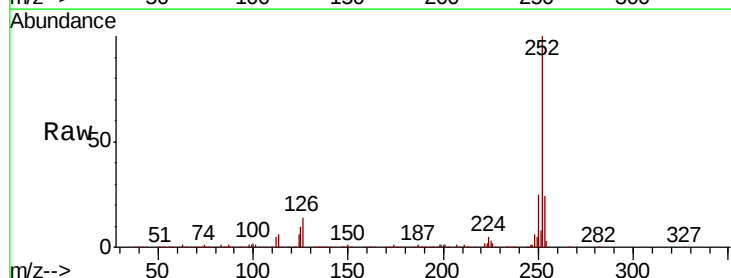
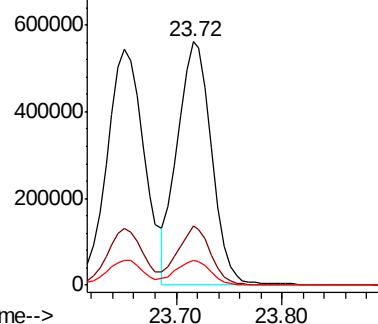
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.1	28.7
125	10.4	8.6	12.8

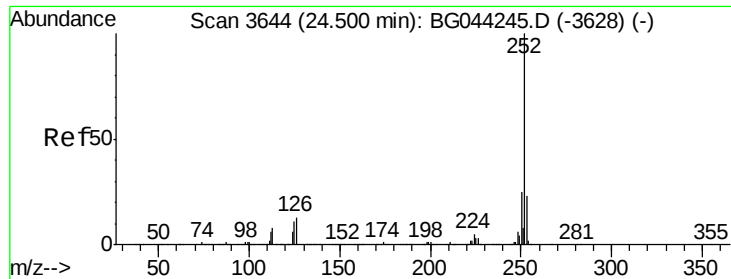
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





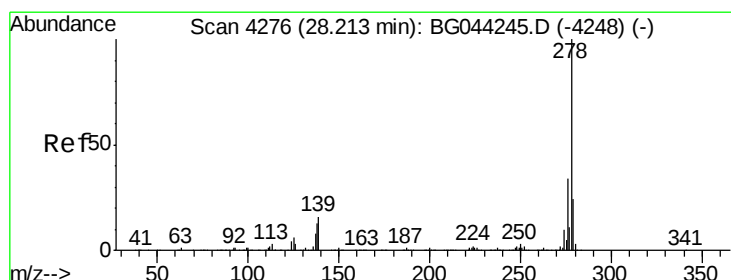
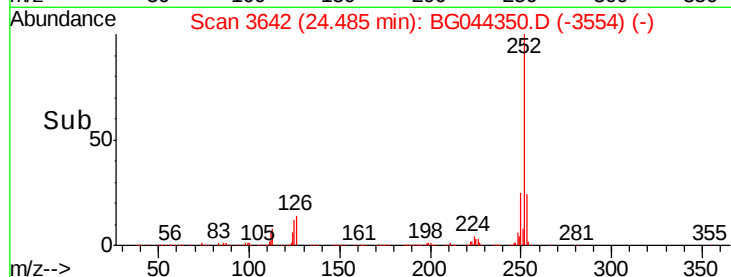
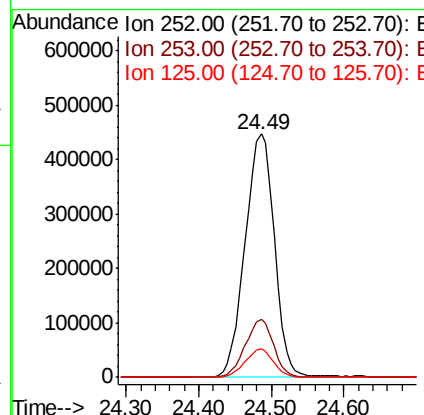
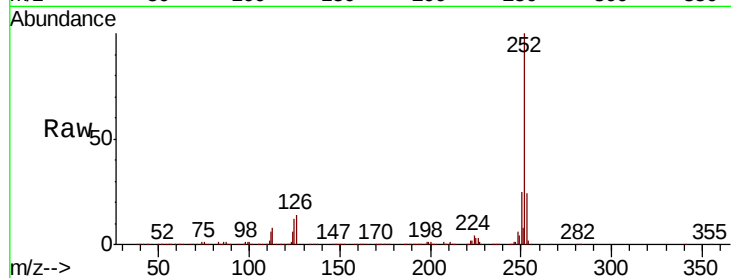
#90
Benzo(a)pyrene
Concen: 57.806 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	11.8	8.6	13.0

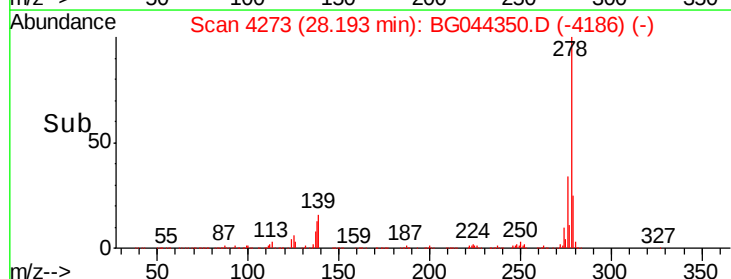
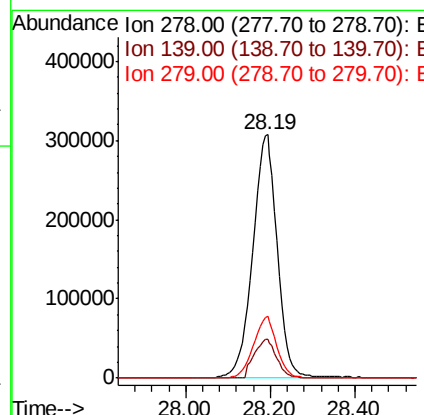
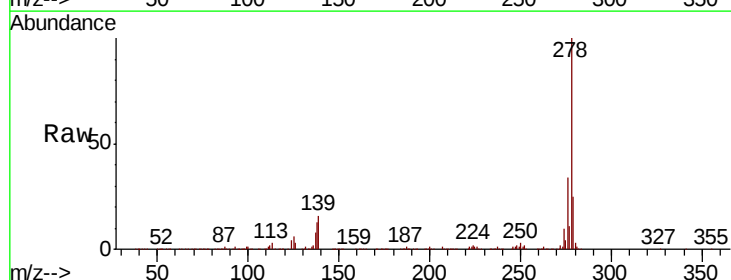
Manual Integrations
APPROVED

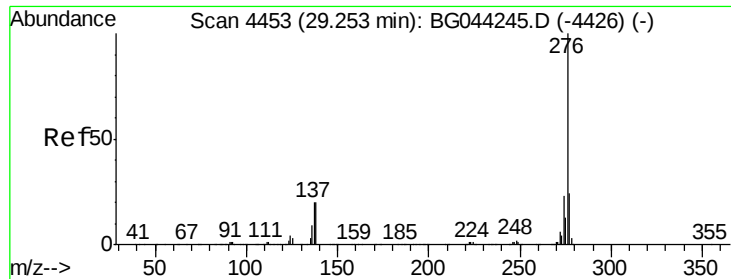
mohammad
2/11/2020 8:26:18 AM



#91
Dibenzo(a,h)anthracene
Concen: 58.179 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044350.D
Acq: 8 Feb 2020 00:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	25.2	19.3	28.9





#92
 Benzo(a,h,i)perylene
 Concen: 58.487 ng
 RT: 29.22 min Scan# 4448
 Delta R.T. -0.03 min
 Lab File: BG044350.D
 Acq: 8 Feb 2020 00:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126664BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.8	16.2	24.2

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:18 AM

