

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044371.D
 Acq On : 11 Feb 2020 2:33
 Operator : CG/JU
 Sample : PB126703BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:49:52 AM

Quant Time: Feb 11 03:23:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	66669	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	310628	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	219486	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	492804	20.00	ng	0.00
76) Chrysene-d12	21.53	240	457244	20.00	ng	0.00
87) Perylene-d12	24.62	264	491190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	160679	42.53	ng	0.00
7) Phenol-d6	7.07	99	133188	26.26	ng	0.00
23) Nitrobenzene-d5	9.06	82	545395	99.12	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	276114	107.16	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1301082	99.27	ng	0.00
79) Terphenyl-d14	19.90	244	1937291	87.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	28321	16.686	ng	95
3) Pyridine	3.76	79	68834	15.222	ng	99
4) n-Nitrosodimethylamine	3.67	42	36667	19.405	ng	99
6) Aniline	7.22	93	222341	35.311	ng	99
8) 2-Chlorophenol	7.47	128	196294	47.280	ng	99
9) Benzaldehyde	7.03	77	131625	45.559	ng	98
10) Phenol	7.10	94	73398	14.620	ng	96
11) bis(2-Chloroethyl)ether	7.32	93	233971	54.513	ng	96
12) 1,3-Dichlorobenzene	7.79	146	208517	42.065	ng	97
13) 1,4-Dichlorobenzene	7.94	146	215003	43.793	ng	99
14) 1,2-Dichlorobenzene	8.26	146	207895	44.800	ng	98
15) Benzyl Alcohol	8.14	79	125208	34.863	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	305913	52.660	ng	100
17) 2-Methylphenol	8.35	107	133174	37.180	ng	95
18) Hexachloroethane	8.99	117	72773	39.500	ng	97
19) n-Nitroso-di-n-propylamine	8.71	70	203336	60.145	ng	98
20) 3+4-Methylphenols	8.68	107	166823	33.794	ng	97
22) Acetophenone	8.72	105	378709	50.116	ng	# 99
24) Nitrobenzene	9.10	77	279401	52.016	ng	100
25) Isophorone	9.63	82	575039	56.073	ng	99
26) 2-Nitrophenol	9.82	139	149298	53.566	ng	99
27) 2,4-Dimethylphenol	9.88	122	212654	54.050	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	354992	51.890	ng	99
29) 2,4-Dichlorophenol	10.35	162	248505	52.236	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	236522	43.359	ng	98
31) Naphthalene	10.75	128	744986	49.433	ng	99
32) Benzoic acid	10.02	122	5287m	15.609	ng	
33) 4-Chloroaniline	10.86	127	244350	35.650	ng	98
34) Hexachlorobutadiene	11.05	225	125285	37.325	ng	98
35) Caprolactam	11.63	113	13759	7.895	ng	95
36) 4-Chloro-3-methylphenol	11.99	107	250054	50.133	ng	99
37) 2-Methylnaphthalene	12.36	142	596036	53.267	ng	100
38) 1-Methylnaphthalene	12.59	142	569163	53.952	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	300255	45.732	ng	99

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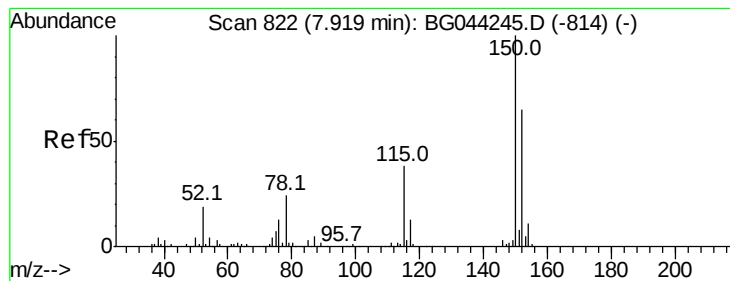
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	279643	88.766	nq	100
43) 2,4,6-Trichlorophenol	12.97	196	221058	52.090	nq	100
44) 2,4,5-Trichlorophenol	13.05	196	238641	55.055	nq	97
46) 1,1'-Biphenyl	13.38	154	790283	49.918	nq	99
47) 2-Chloronaphthalene	13.42	162	614535	48.780	nq	99
48) 2-Nitroaniline	13.62	65	196371	52.817	nq	96
49) Acenaphthylene	14.27	152	1004850	54.381	nq	100
50) Dimethylphthalate	14.00	163	845782	53.608	nq	100
51) 2,6-Dinitrotoluene	14.11	165	196447	55.844	nq	99
52) Acenaphthene	14.61	154	629319	52.544	nq	98
53) 3-Nitroaniline	14.44	138	141499	36.357	nq	99
54) 2,4-Dinitrophenol	14.65	184	204864	96.540	nq	99
55) Dibenzofuran	14.94	168	979488	54.015	nq	100
56) 4-Nitrophenol	14.76	139	94314	33.083	nq	98
57) 2,4-Dinitrotoluene	14.91	165	280124	56.815	nq	97
58) Fluorene	15.59	166	782703	54.801	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	225400	57.569	nq	98
60) Diethylphthalate	15.36	149	859061	54.645	nq	100
61) 4-Chlorophenyl-phenylether	15.59	204	420474	54.296	nq	100
62) 4-Nitroaniline	15.61	138	189725	48.786	nq	98
63) Azobenzene	15.88	77	760712	55.211	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	163551	60.123	nq	99
66) n-Nitrosodiphenylamine	15.80	169	742289	53.748	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	282887	52.689	nq	97
68) Hexachlorobenzene	16.60	284	308220	51.241	nq	99
69) Atrazine	16.75	200	291758	61.636	nq	99
70) Pentachlorophenol	16.95	266	325679	106.006	nq	98
71) Phenanthrene	17.33	178	1273821	53.380	nq	99
72) Anthracene	17.42	178	1312767	55.643	nq	99
73) Carbazole	17.69	167	1184836	54.476	nq	99
74) Di-n-butylphthalate	18.26	149	1431088	53.245	nq	99
75) Fluoranthene	19.34	202	1492156	54.053	nq	99
77) Benzidine	19.52	184	826373	65.157	nq	100
78) Pyrene	19.70	202	1484467	50.553	nq	99
80) Butylbenzylphthalate	20.59	149	659379	49.275	nq	99
81) Benzo(a)anthracene	21.52	228	1424931	50.565	nq	99
82) 3,3'-Dichlorobenzidine	21.43	252	459963	42.055	nq	100
83) Chrysene	21.58	228	1370208	50.303	nq	98
84) Bis(2-ethylhexyl)phthalate	21.43	149	901451	48.942	nq	100
85) Di-n-octyl phthalate	22.60	149	1597121	50.116	nq	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1816901	51.127	nq	100
88) Benzo(b)fluoranthene	23.64	252	1542887	54.511	nq	100
89) Benzo(k)fluoranthene	23.71	252	1486339	53.880	nq	100
90) Benzo(a)pyrene	24.48	252	1411975	52.762	nq	98
91) Dibenzo(a,h)anthracene	28.18	278	1480157	55.887	nq	98
92) Benzo(g,h,i)perylene	29.21	276	1518074	57.258	nq	98

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



#1

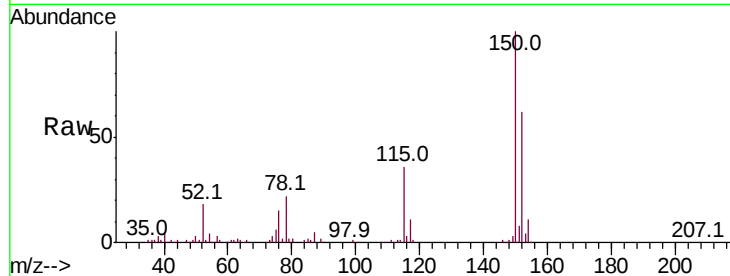
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.6	183.8
115	58.0	46.0	69.0

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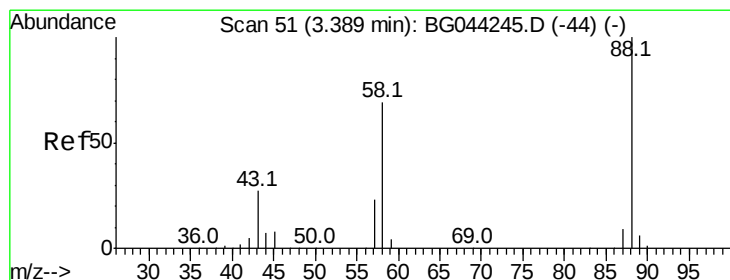
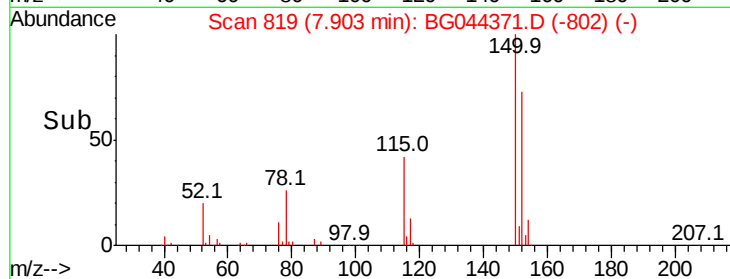
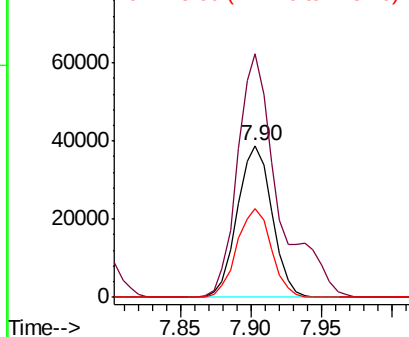


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

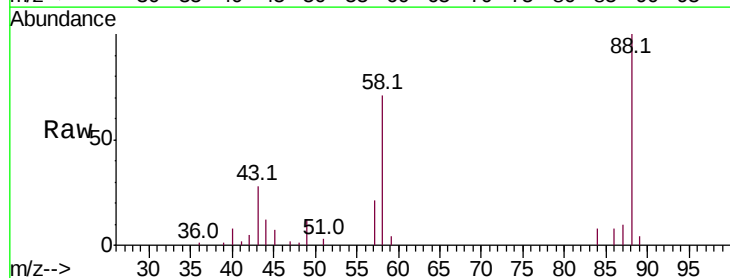
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.686 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	55.8	83.6
43	28.2	21.6	32.4

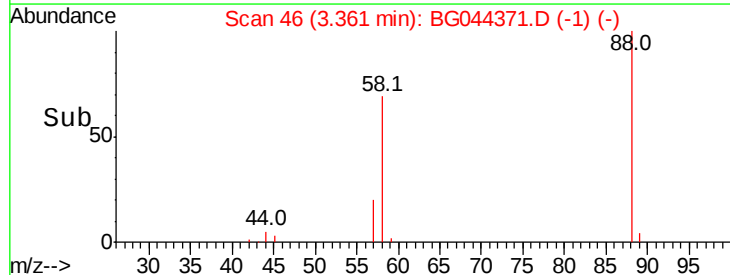
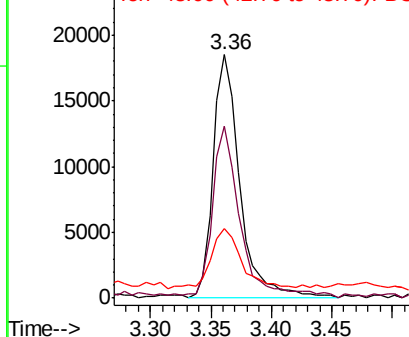


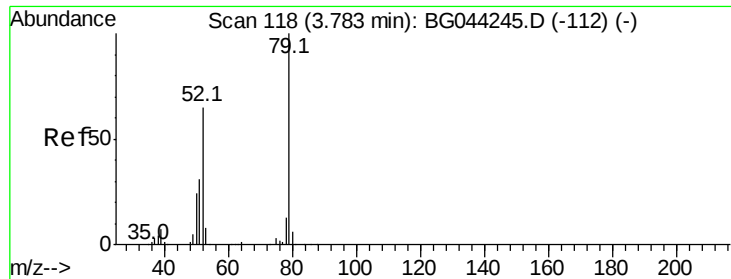
Abundance

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: 15.222 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

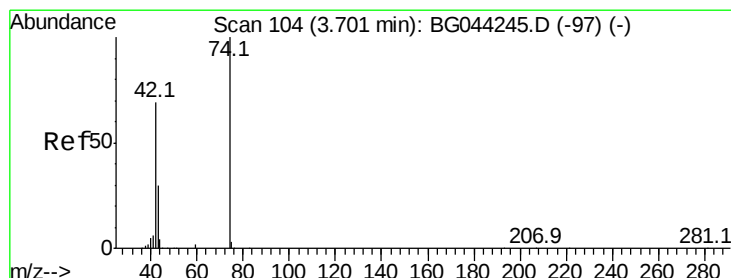
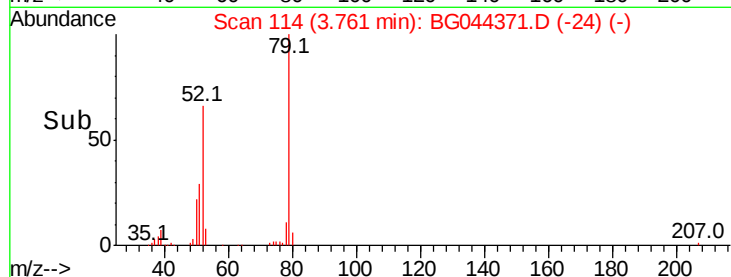
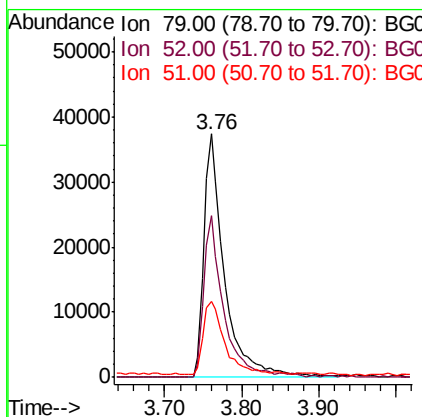
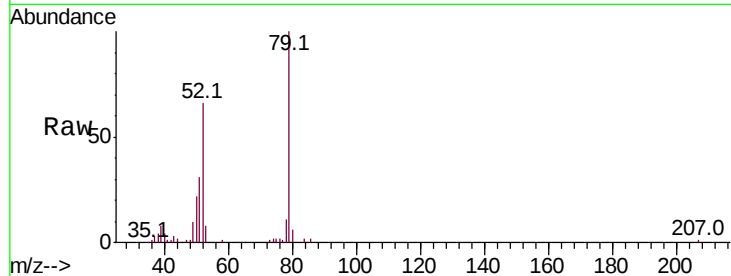
ClientSampleId :

PB126703BSD

Tot Ion:	79	Resp:	68834
Ion Ratio	Lower	Upper	
79	100		
52	66.2	51.9	77.9
51	31.3	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 19.405 ng

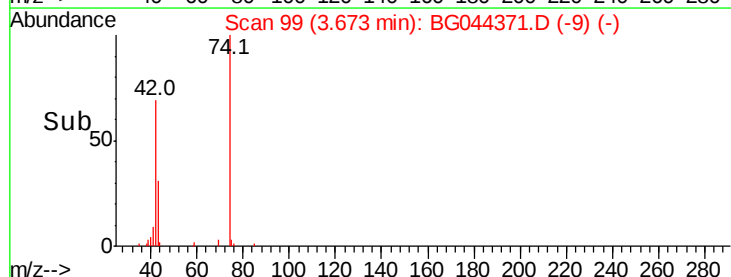
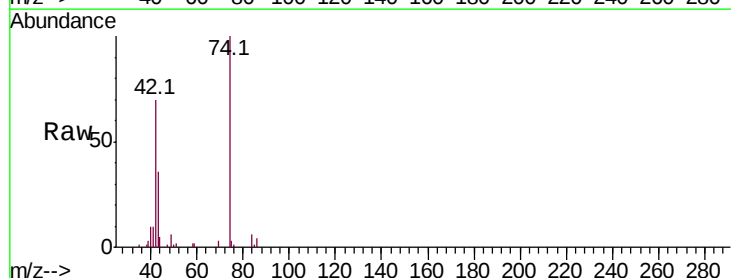
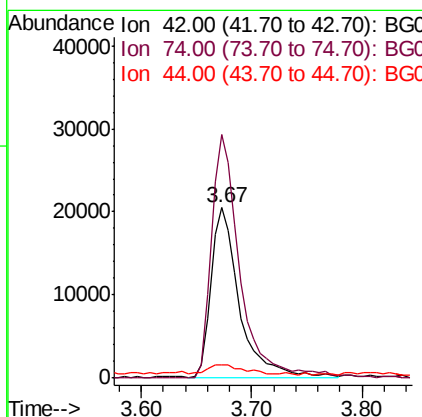
RT: 3.67 min Scan# 99

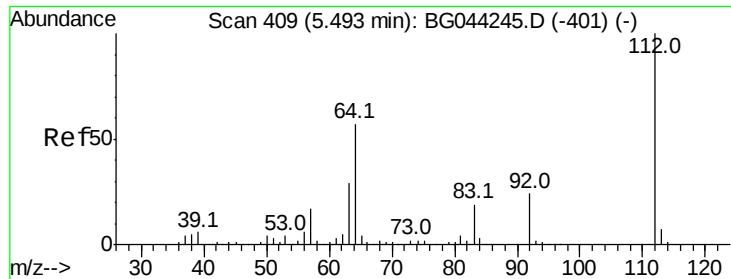
Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:	42	Resp:	36667
Ion Ratio	Lower	Upper	
42	100		
74	142.7	115.1	172.7
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 42.534 ng

RT: 5.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

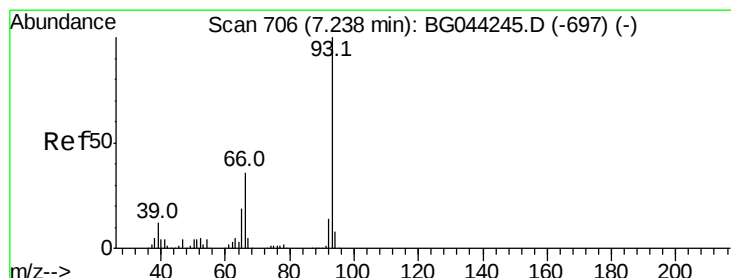
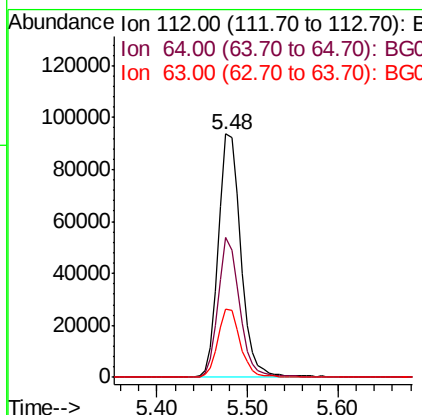
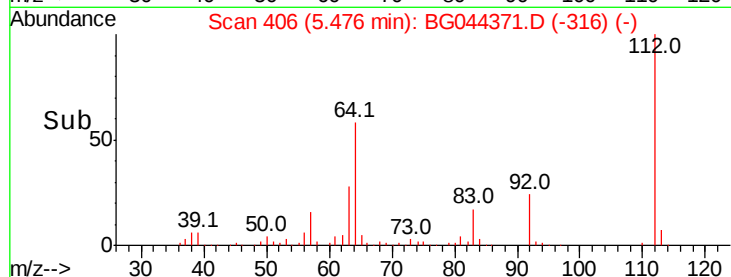
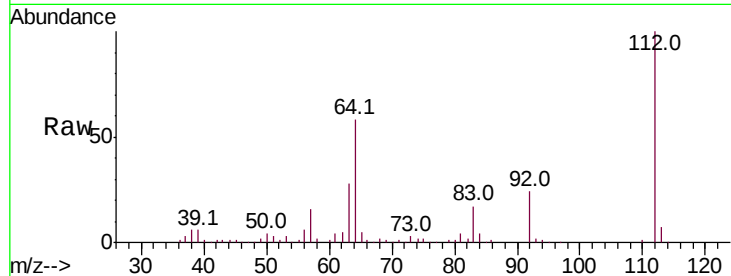
ClientSampleId :

PB126703BSD

Tot Ion:	112	Resp:	160679
Ion Ratio	Lower	Upper	
112	100		
64	57.5	45.4	68.2
63	27.9	22.9	34.3

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#6

Aniline

Concen: 35.311 ng

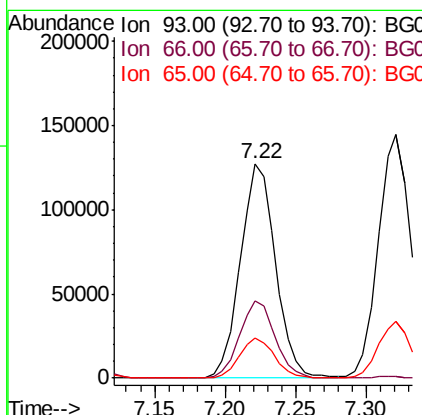
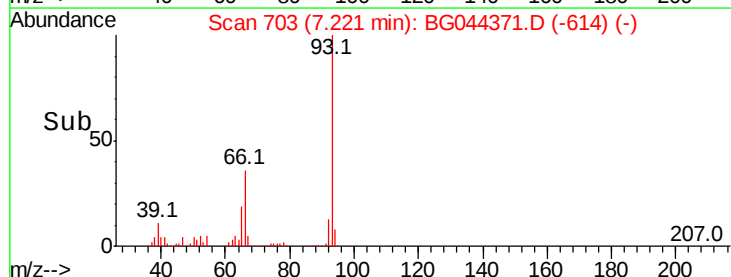
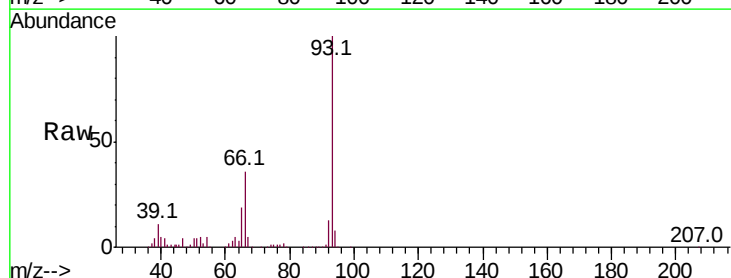
RT: 7.22 min Scan# 703

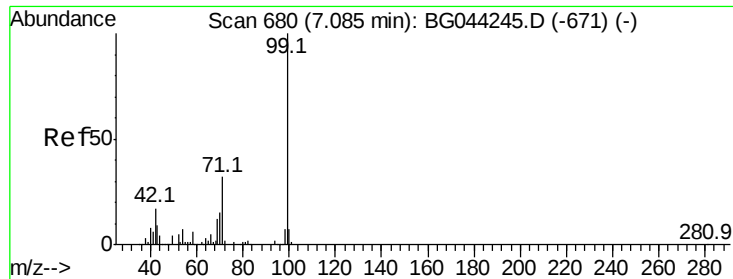
Delta R.T. -0.01 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:	93	Resp:	222341
Ion Ratio	Lower	Upper	
93	100		
66	35.7	28.7	43.1
65	18.9	15.4	23.0





#7

Phenol-d6

Concen: 26.255 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

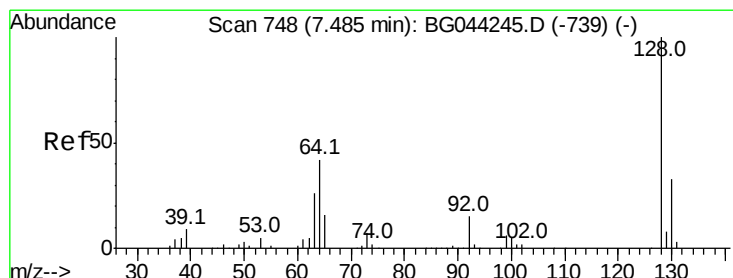
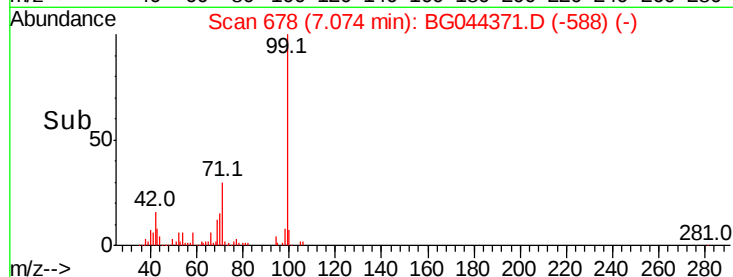
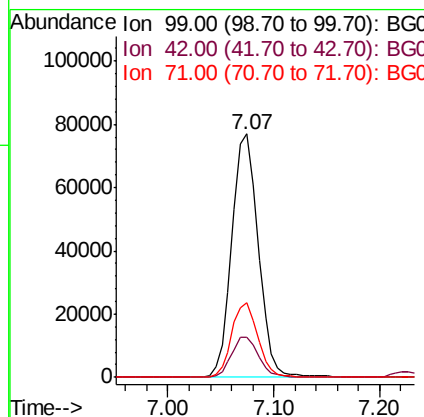
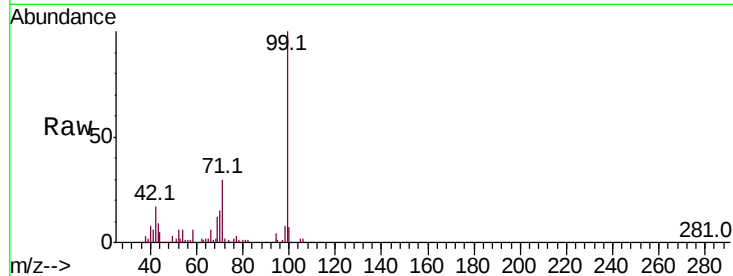
ClientSampleId :

PB126703BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		133188		
42	16.5	13.8	20.6		
71	30.4	25.5	38.3		

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#8

2-Chlorophenol

Concen: 47.280 ng

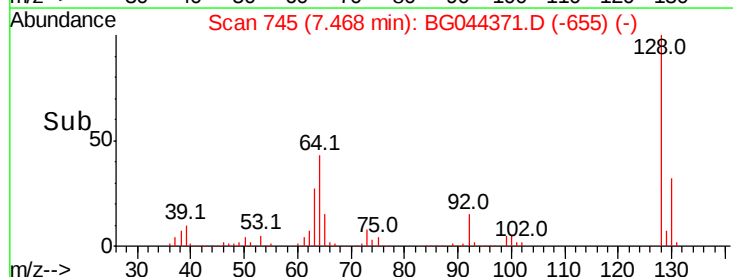
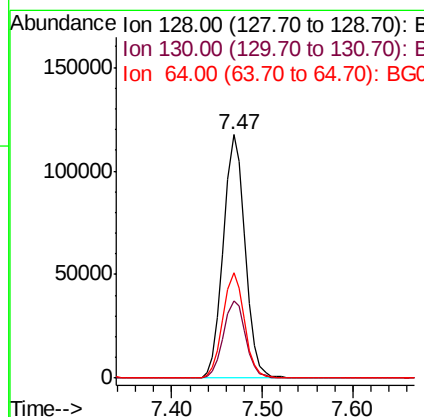
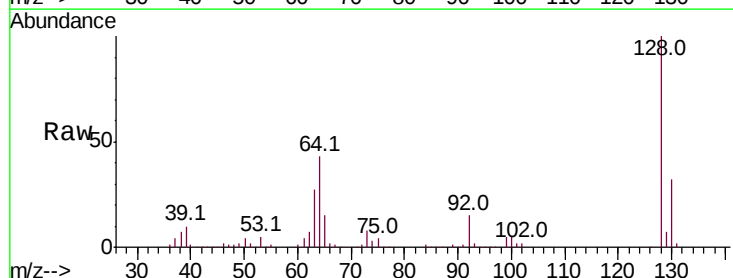
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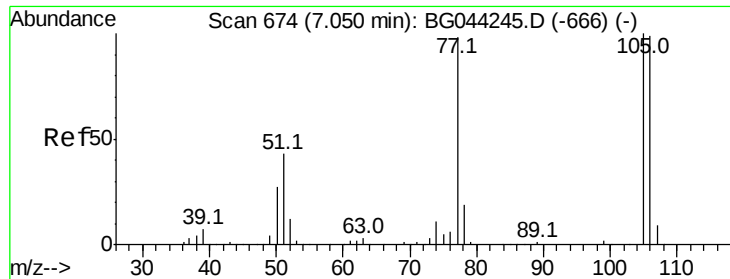
Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		196294		
130	31.7	12.5	52.5		
64	43.2	24.2	64.2		





#9

Benzaldehyde

Concen: 45.559 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleID :

PB126703BSD

Tot Ion: 77 Resp: 131625

Ion Ratio Lower Upper

77 100

105 102.3 82.0 122.0

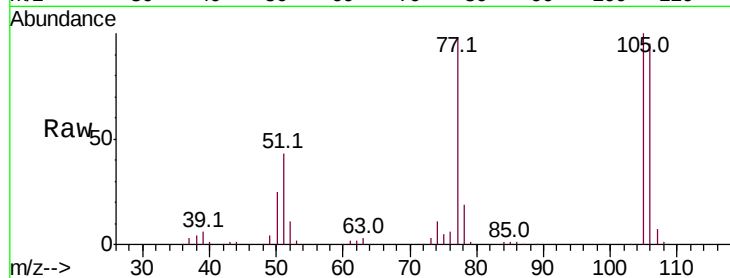
106 97.3 80.7 120.7

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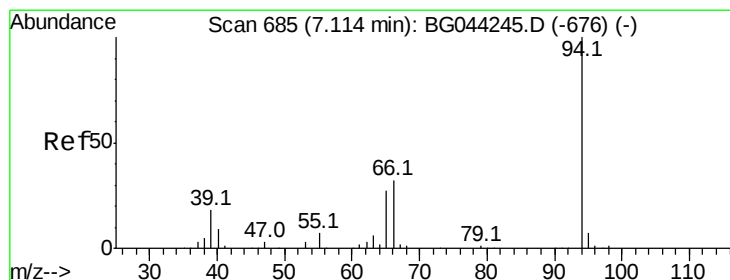
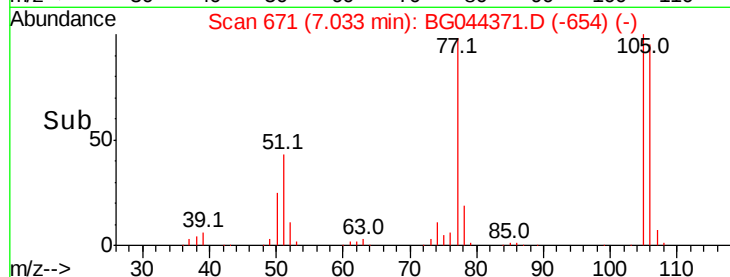
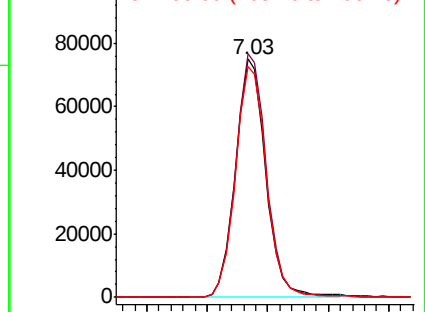
2/12/2020 9:49:52 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 14.620 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

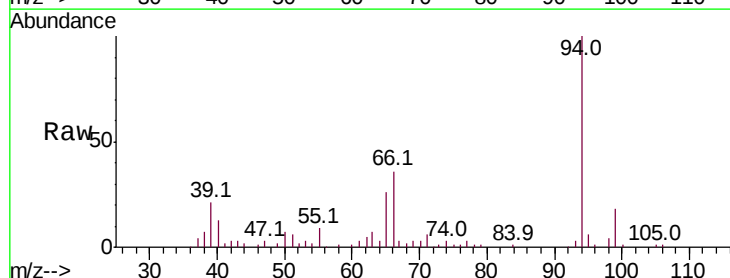
Tgt Ion: 94 Resp: 73398

Ion Ratio Lower Upper

94 100

65 26.2 7.0 47.0

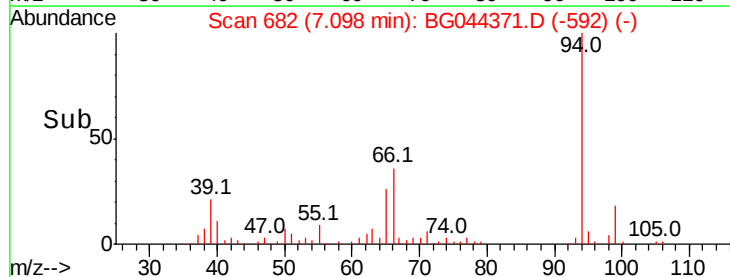
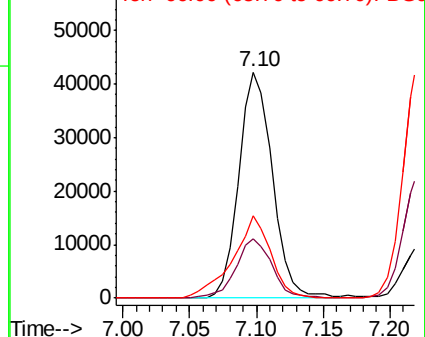
66 36.3 12.7 52.7

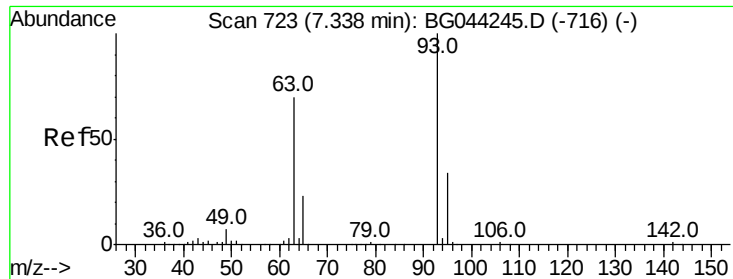


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





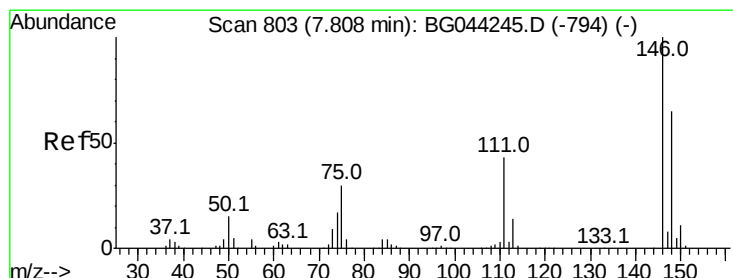
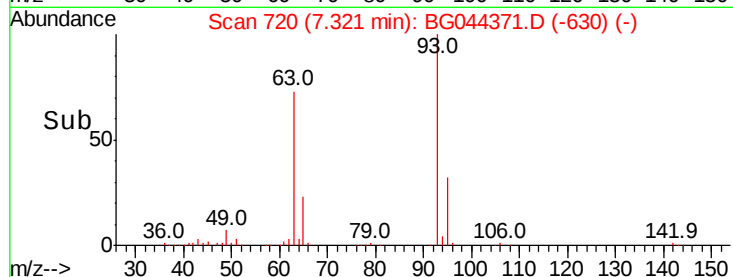
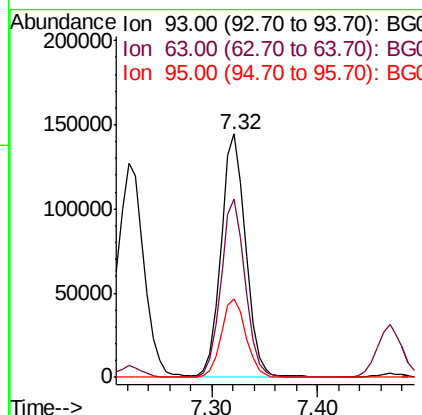
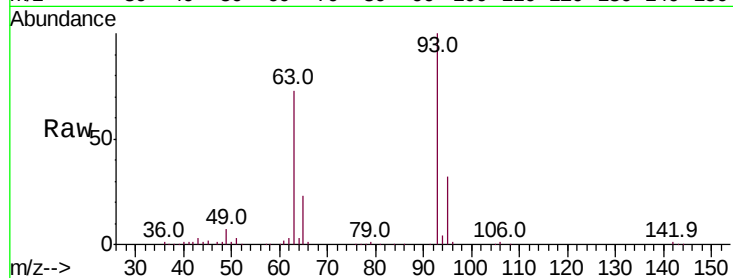
#11
bis(2-Chloroethyl)ether
Concen: 54.513 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	49.2	89.2
95	32.4	13.6	53.6

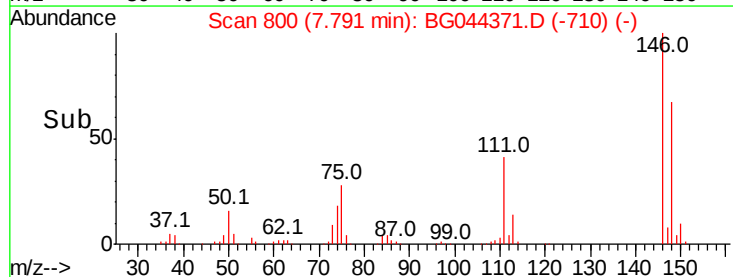
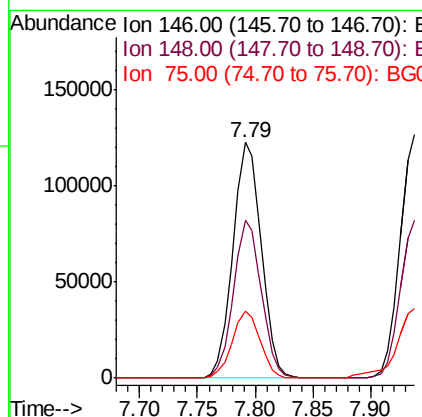
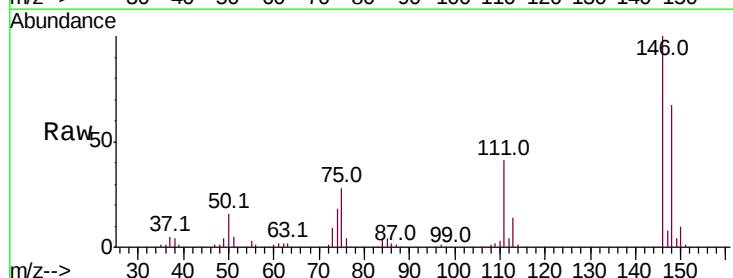
Manual Integrations
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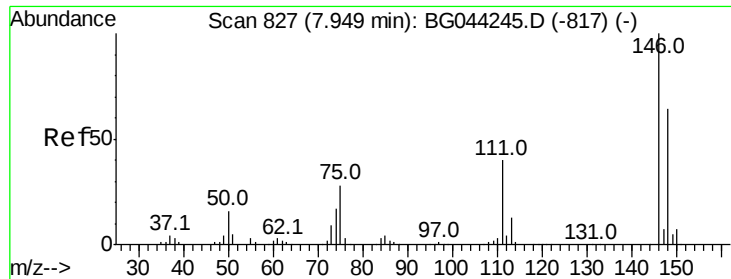
mohammad
2/12/2020 9:49:52 AM



#12
1,3-Dichlorobenzene
Concen: 42.065 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.8	77.8
75	28.2	23.7	35.5





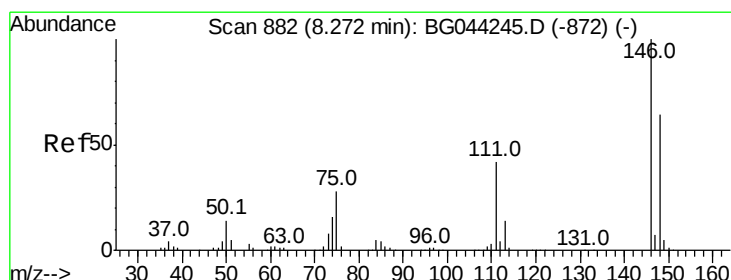
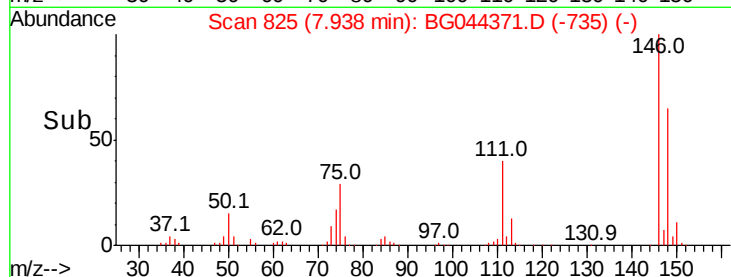
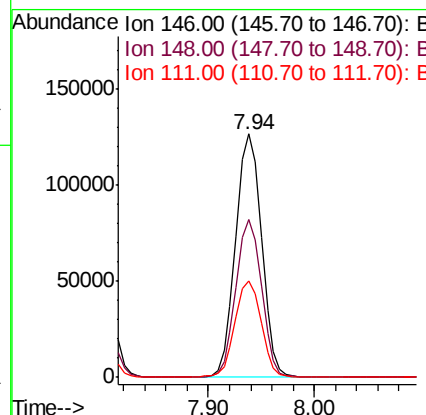
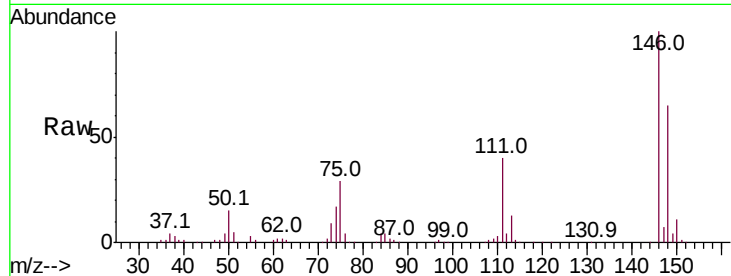
#13
 1,4-Dichlorobenzene
 Concen: 43.793 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	39.8	31.8	47.8

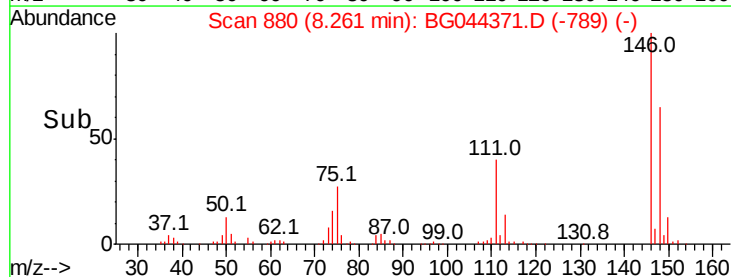
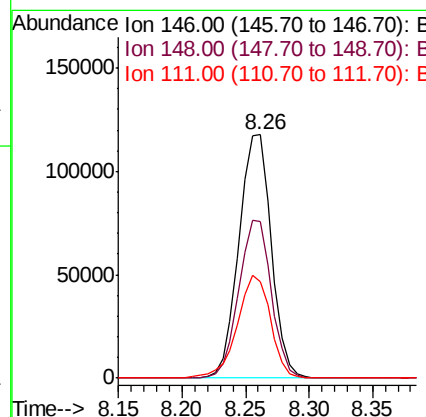
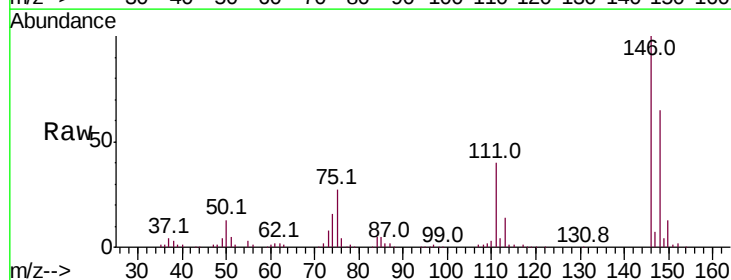
Manual Integrations
 APPROVED

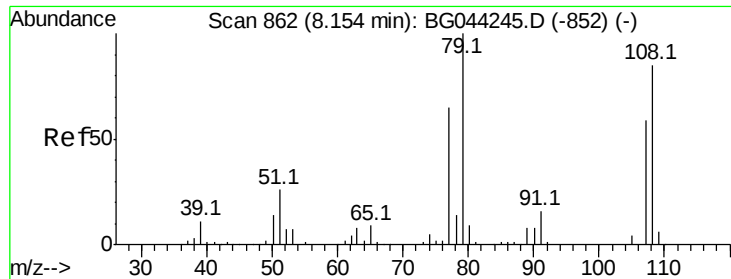
mohammad
 2/12/2020 9:49:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.800 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	39.7	34.0	51.0





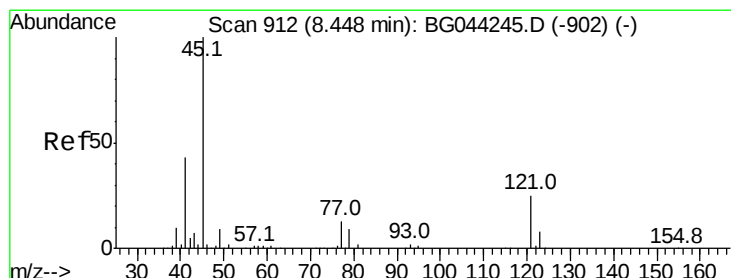
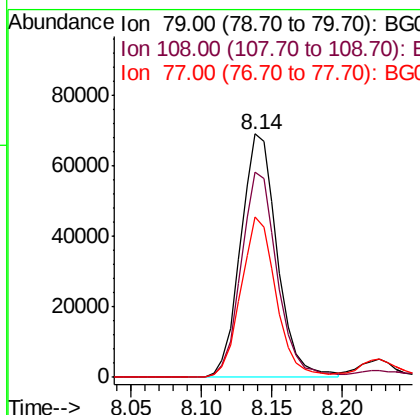
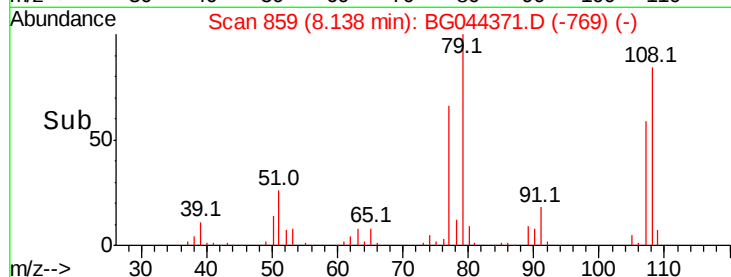
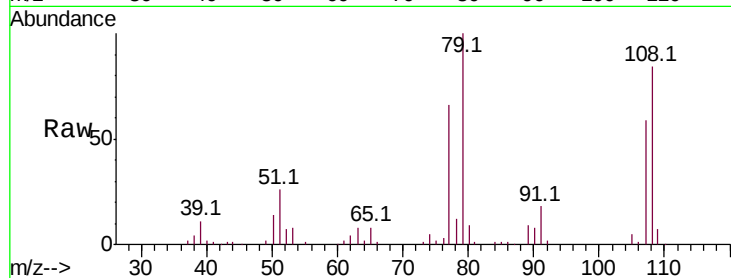
#15
Benzyl Alcohol
Concen: 34.863 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.0	68.3	102.5
77	65.9	51.8	77.8

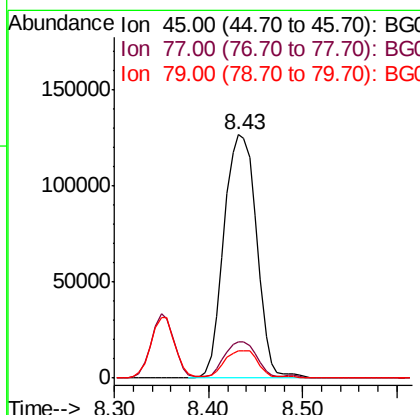
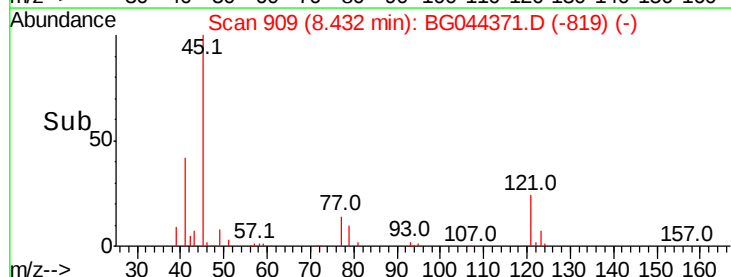
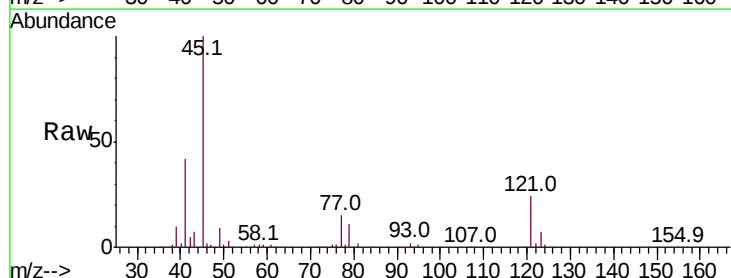
Manual Integrations
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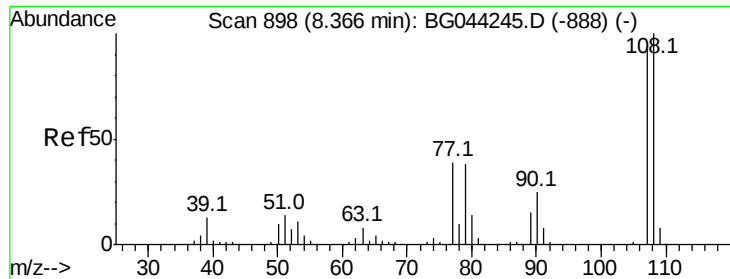
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 52.660 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	11.2	0.0	31.1





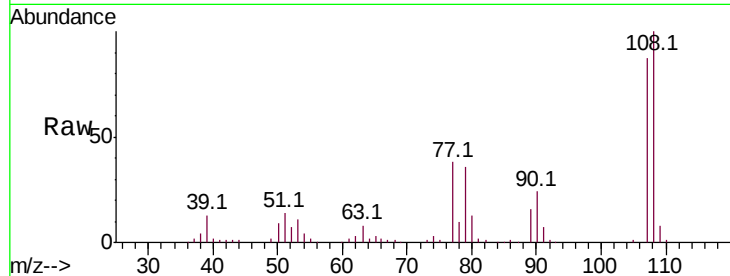
#17
2-Methylphenol
Concen: 37.180 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

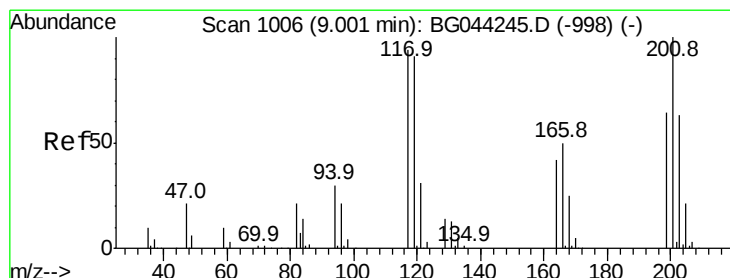
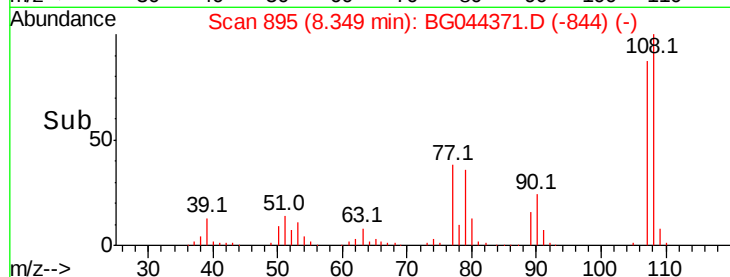
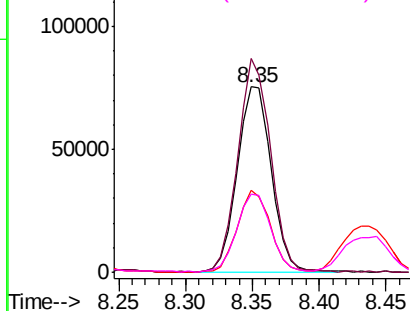
Tot Ion	Ratio	Resp	Lower	Upper
107	100	133174		
108	115.2	86.4	129.6	
77	44.2	34.0	51.0	
79	41.9	32.9	49.3	

Manual Integrations
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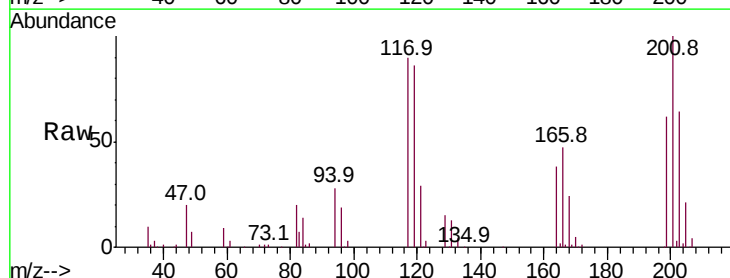


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

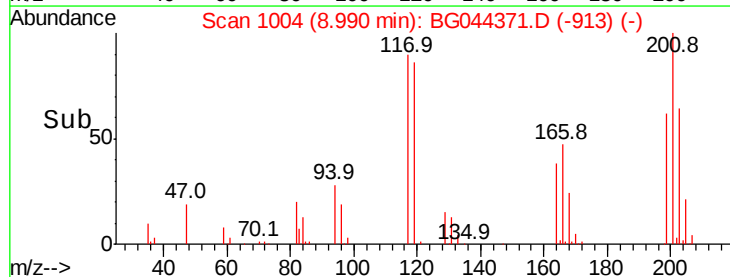
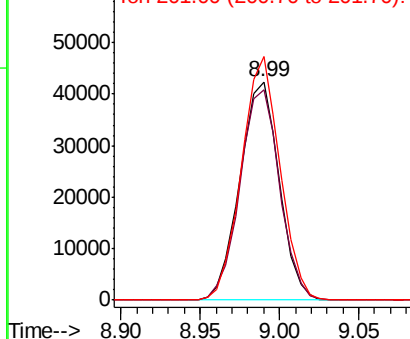


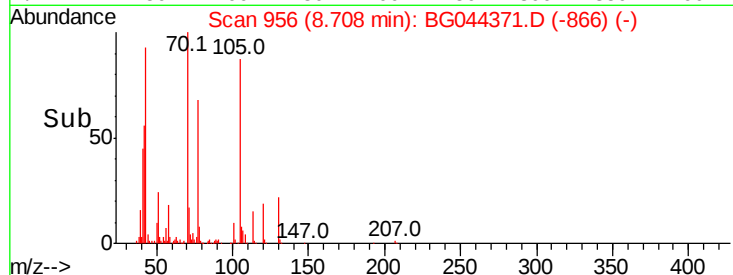
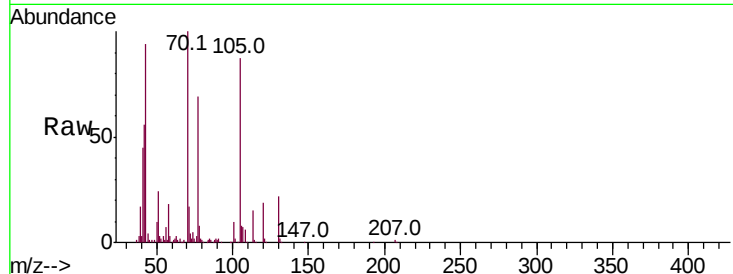
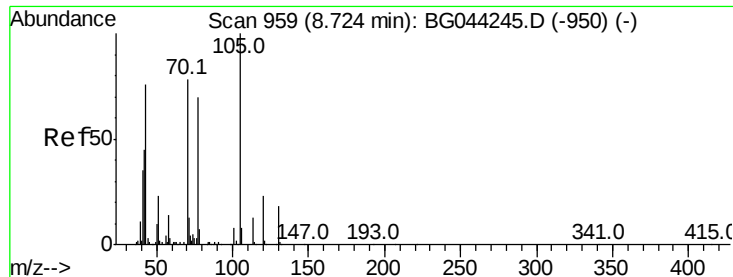
#18
Hexachloroethane
Concen: 39.500 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72773		
119	96.1	77.5	116.3	
201	111.5	84.9	127.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





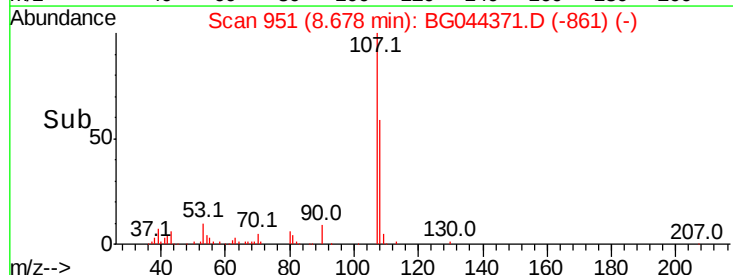
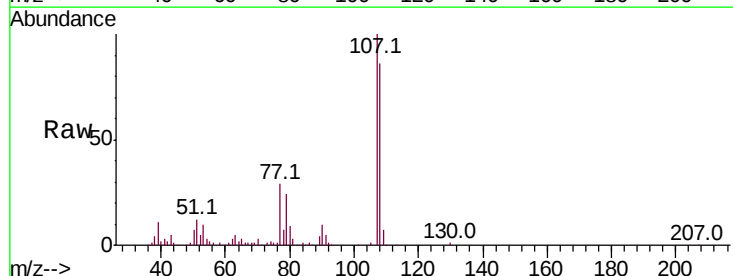
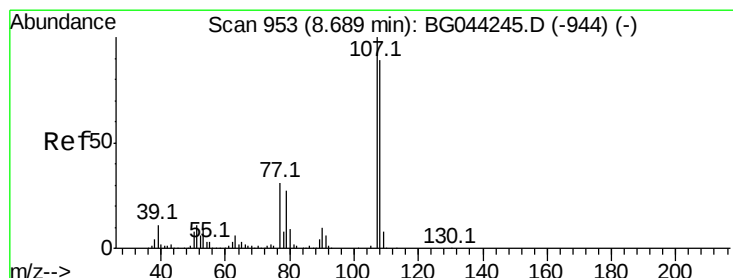
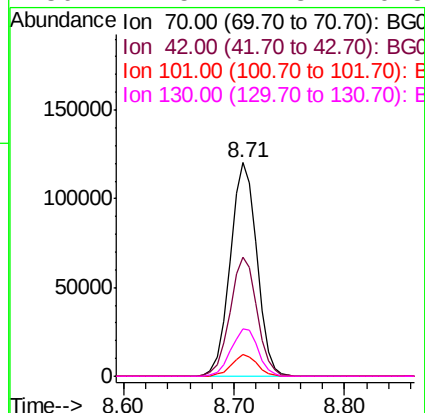
#19
n-Nitroso-di-n-propylamine
Concen: 60.145 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.6	46.2	69.2	
101	9.9	8.4	12.6	
130	22.5	17.8	26.8	

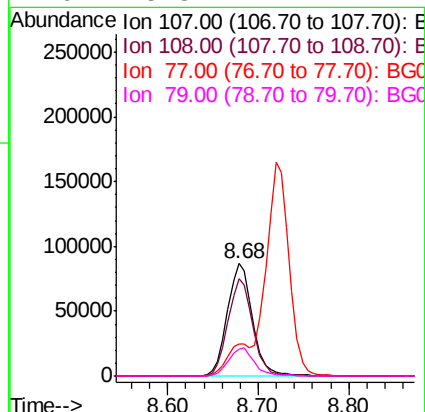
Manual Integrations
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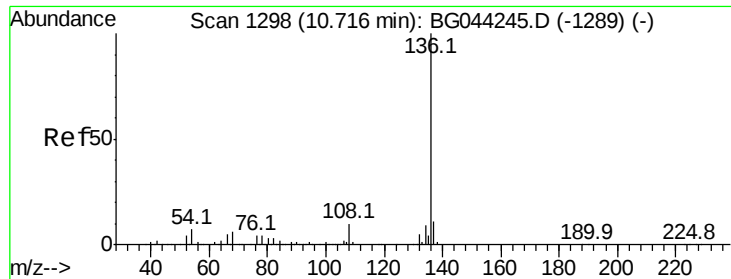
mohammad
2/12/2020 9:49:52 AM



#20
3+4-Methylphenols
Concen: 33.794 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	68.5	108.5	
77	29.0	10.9	50.9	
79	23.8	7.1	47.1	





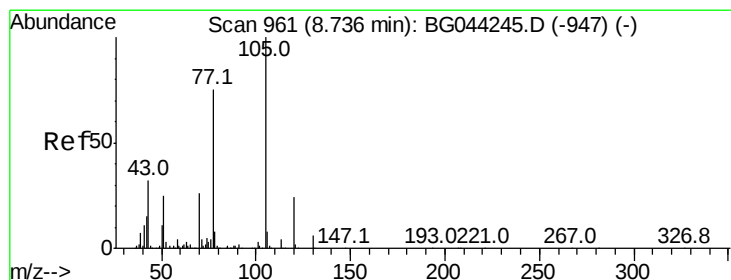
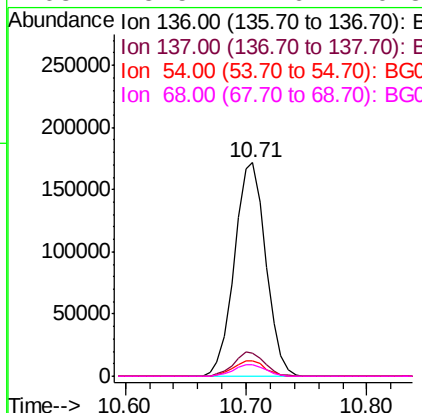
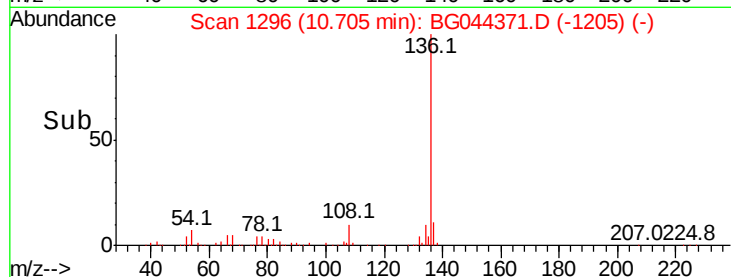
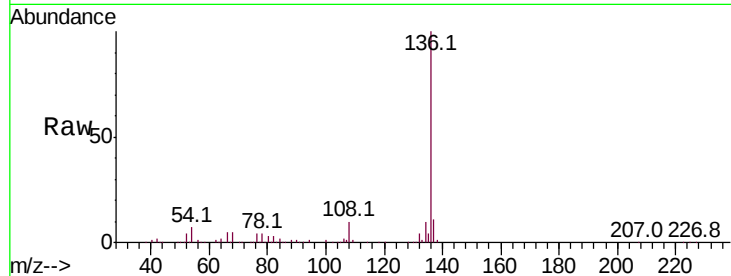
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.3	5.8	8.8	
68	5.5	4.6	6.8	

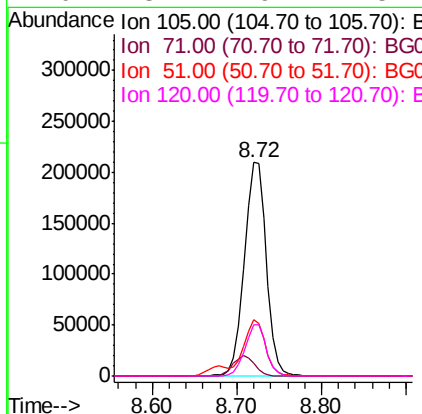
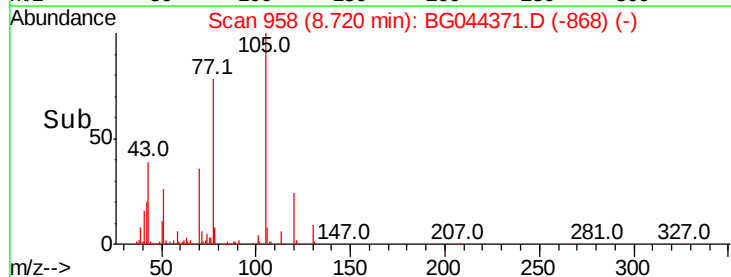
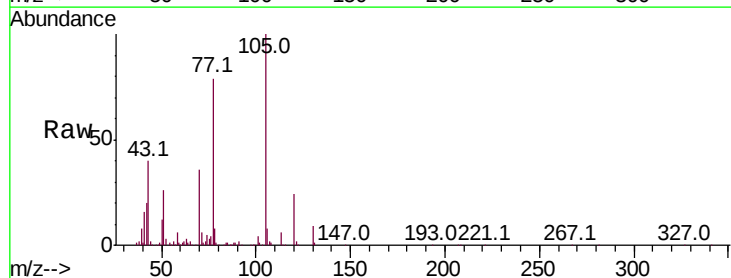
Manual Integrations
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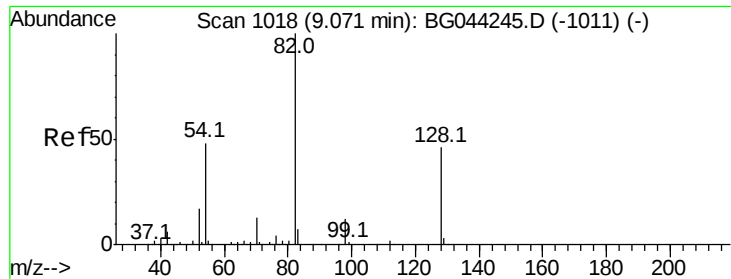
mohammad
2/12/2020 9:49:52 AM



#22
Acetophenone
Concen: 50.116 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.0	3.4	5.0#	
51	26.1	20.2	30.4	
120	23.7	19.1	28.7	





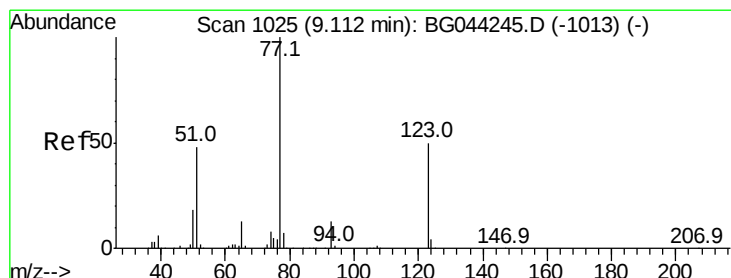
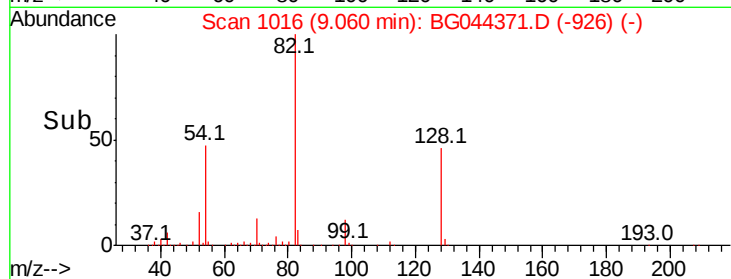
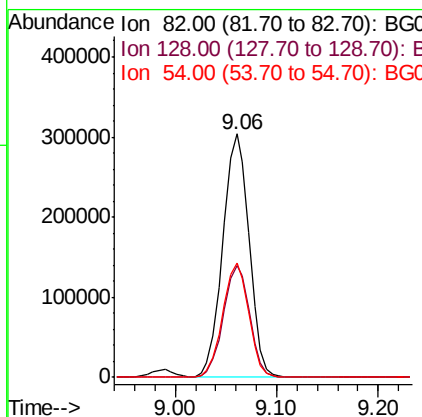
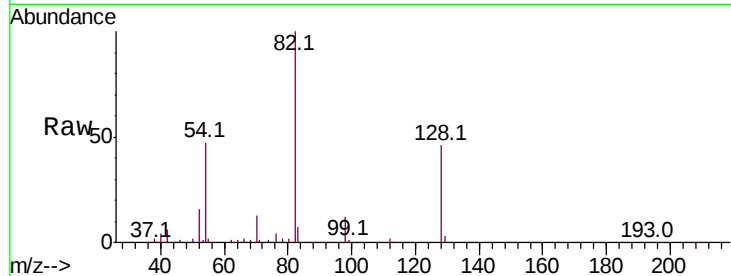
#23
 Nitrobenzene-d5
 Concen: 99.125 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	36.5	54.7	
54	46.8	38.6	58.0	

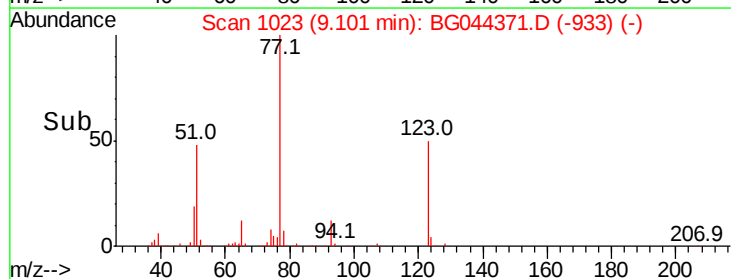
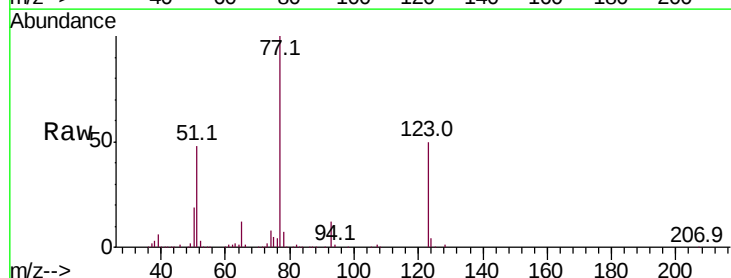
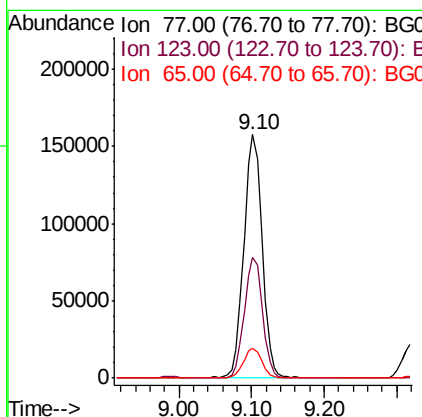
Manual Integrations
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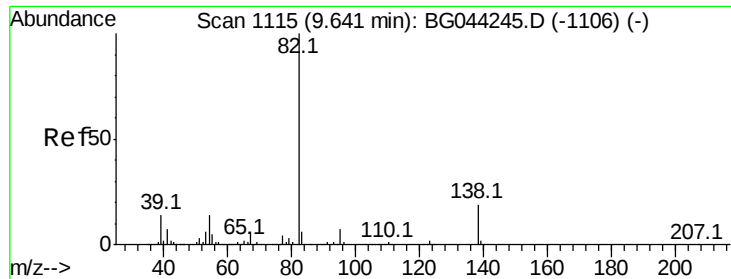
mohammad
 2/12/2020 9:49:52 AM



#24
 Nitrobenzene
 Concen: 52.016 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	39.9	59.9	
65	12.5	10.4	15.6	





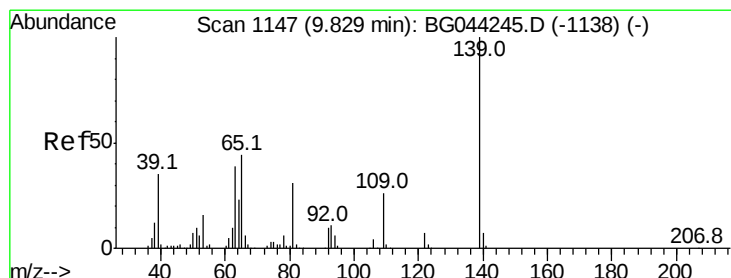
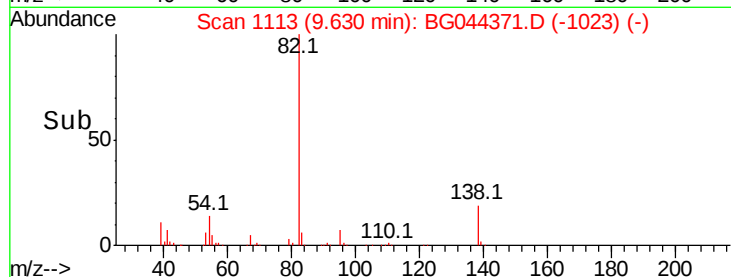
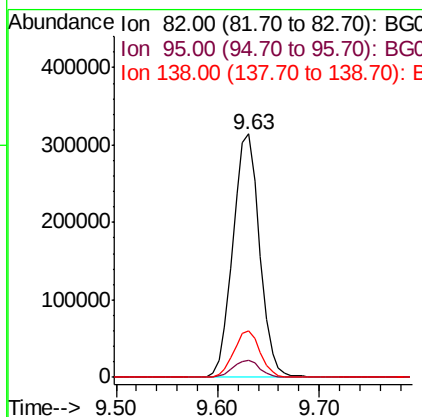
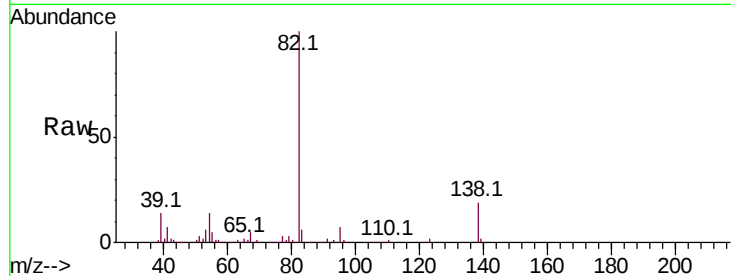
#25
Isophorone
Concen: 56.073 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.7	8.5	
138	19.3	15.0	22.4	

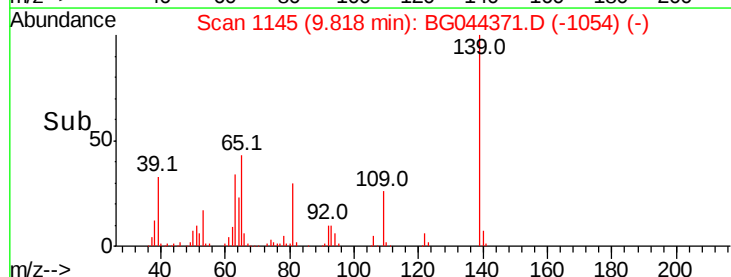
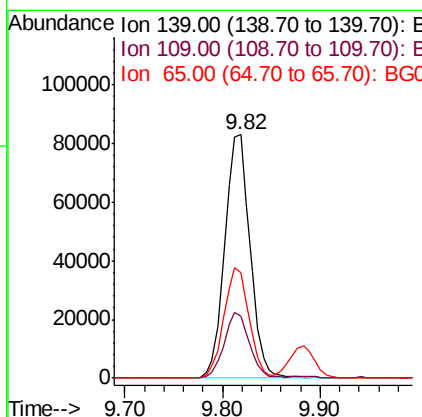
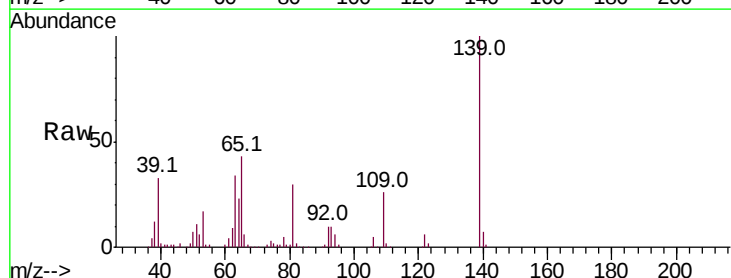
Manual Integrations
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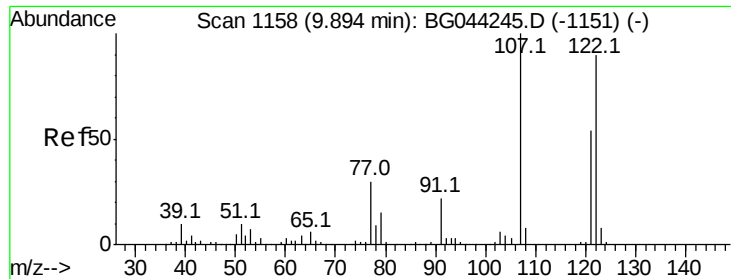
mohammad
2/12/2020 9:49:52 AM



#26
2-Nitrophenol
Concen: 53.566 ng
RT: 9.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.5	21.0	31.4	
65	43.5	35.0	52.4	





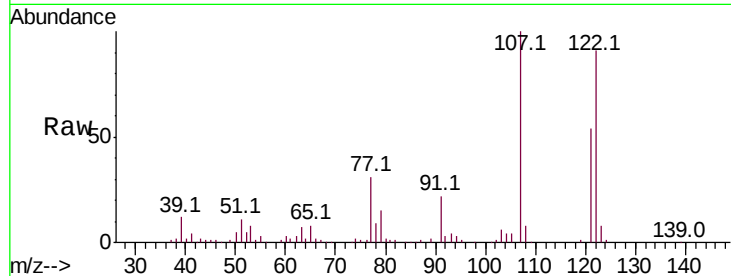
#27
2,4-Dimethylphenol
Concen: 54.050 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

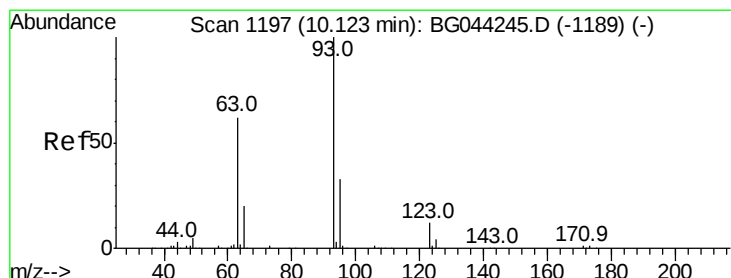
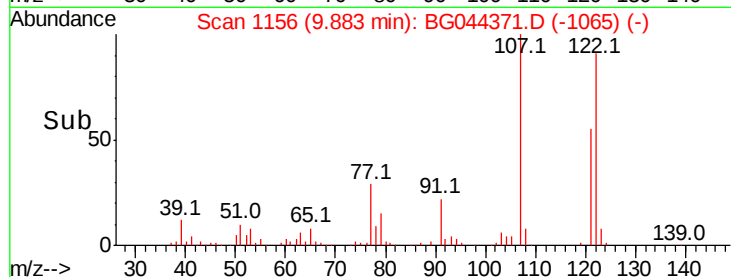
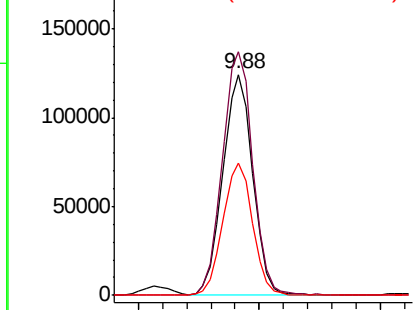
Tot Ion	Ratio	Resp	Lower	Upper
122	100	212654		
107	110.1	88.8	133.2	
121	60.0	48.3	72.5	

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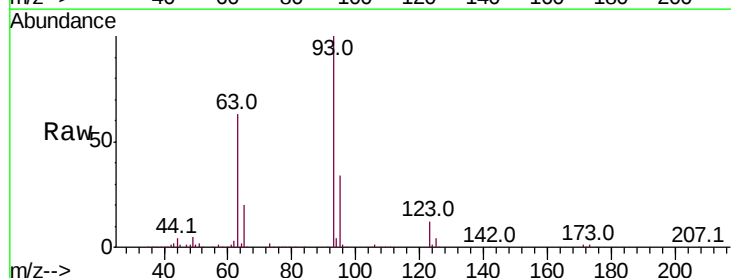


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

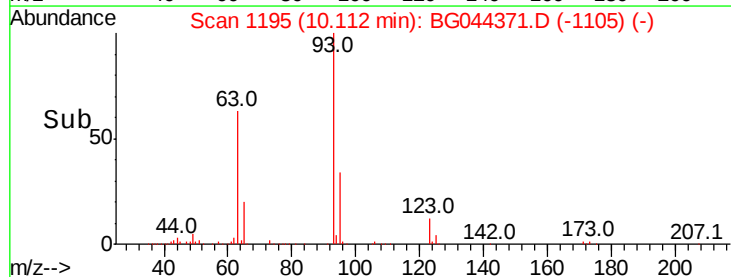
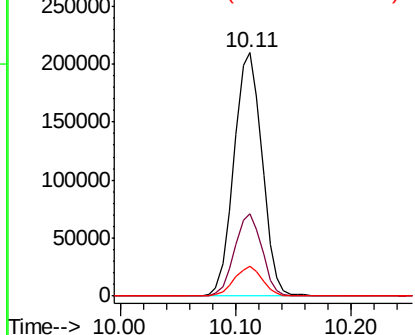


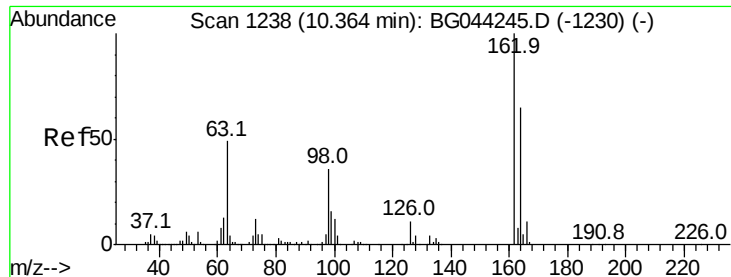
#28
bis(2-Chloroethoxy)methane
Concen: 51.890 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	354992		
95	34.0	26.6	40.0	
123	12.3	10.0	15.0	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





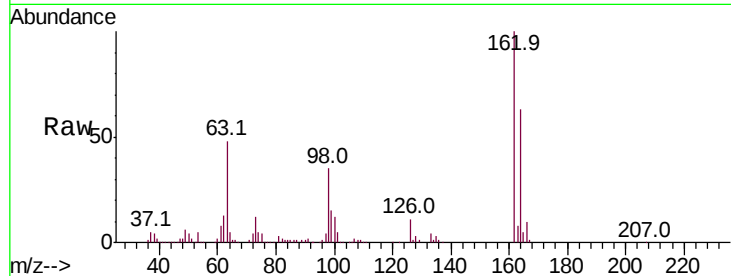
#29
2,4-Dichlorophenol
Concen: 52.236 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

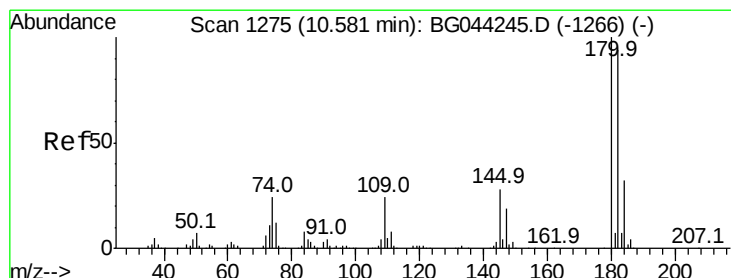
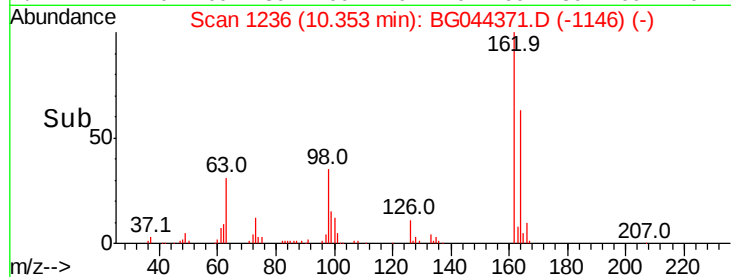
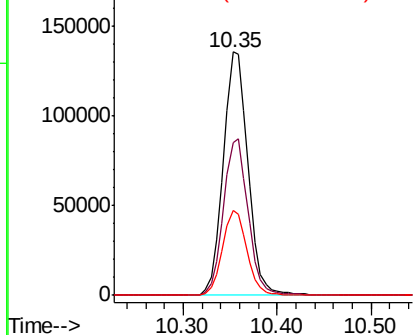
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.7	44.7	84.7
98	35.0	15.8	55.8

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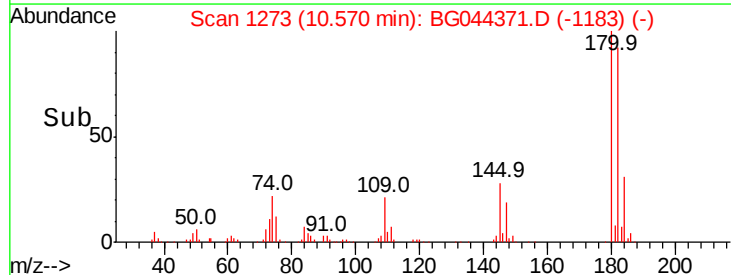
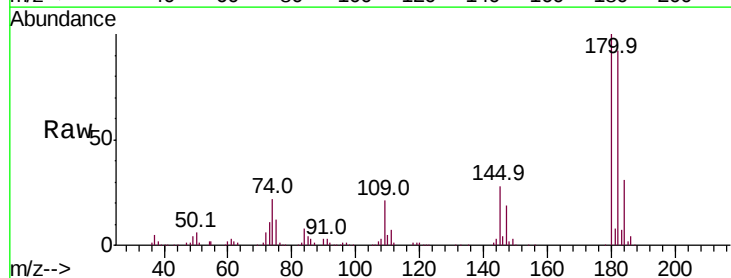
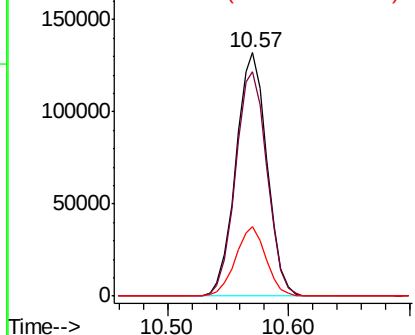
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

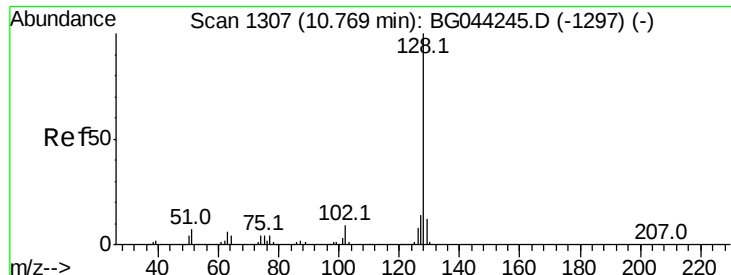


#30
1,2,4-Trichlorobenzene
Concen: 43.359 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.1	75.5	113.3
145	28.4	22.6	34.0

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





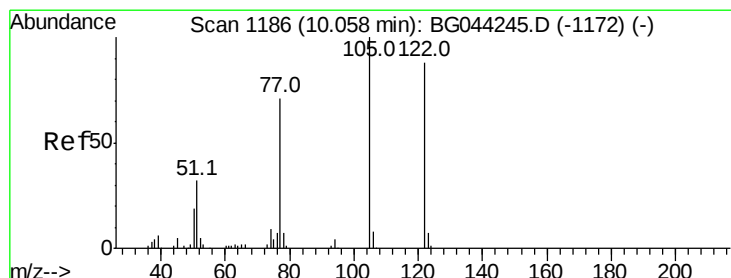
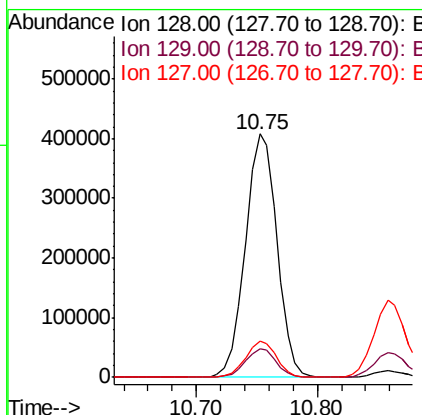
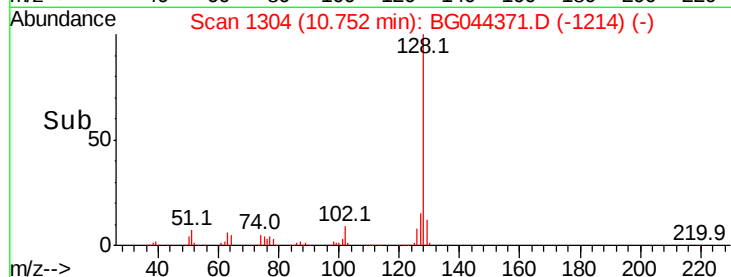
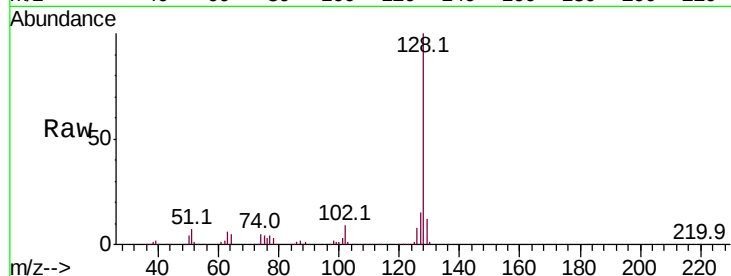
#31
Naphthalene
Concen: 49.433 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.8	11.6	17.4

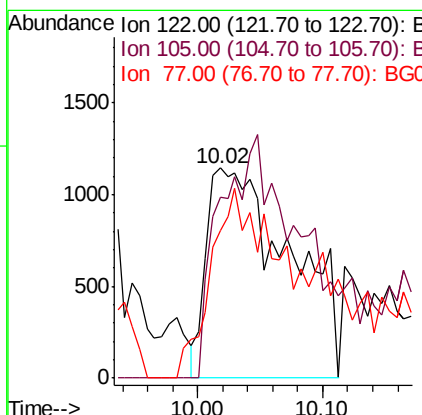
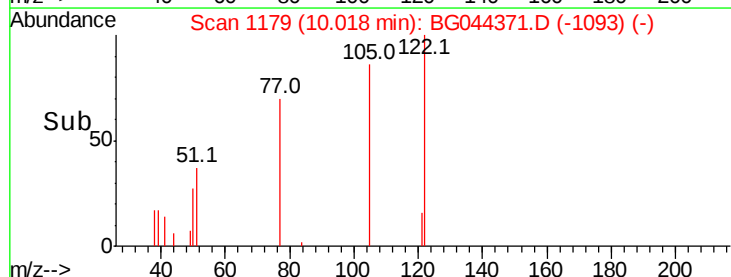
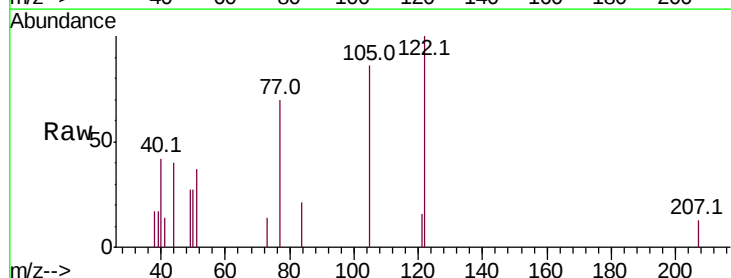
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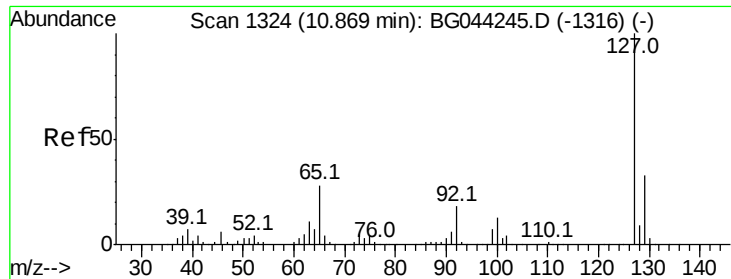
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#32
Benzoic acid
Concen: 15.609 ng m
RT: 10.02 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	86.4	93.5	133.5#
77	70.0	61.0	101.0





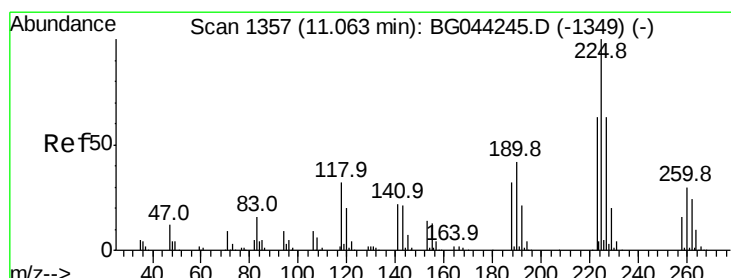
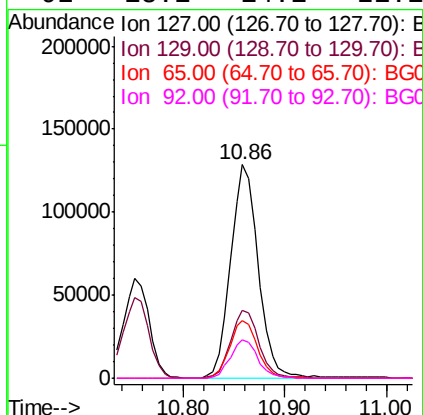
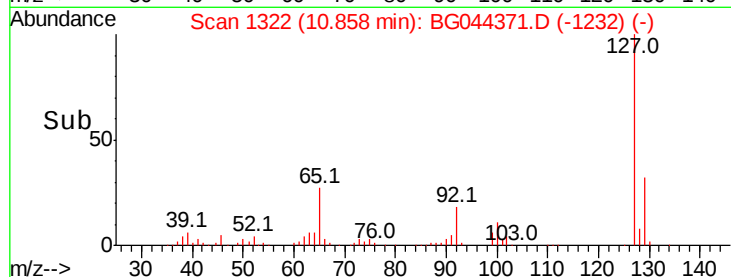
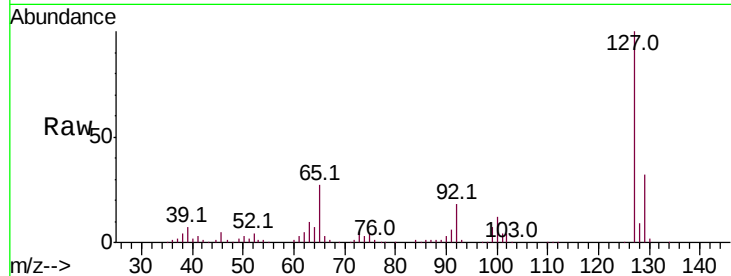
#33
4-Chloroaniline
Concen: 35.650 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.6	26.6	40.0
65	26.9	22.5	33.7
92	18.1	14.1	21.1

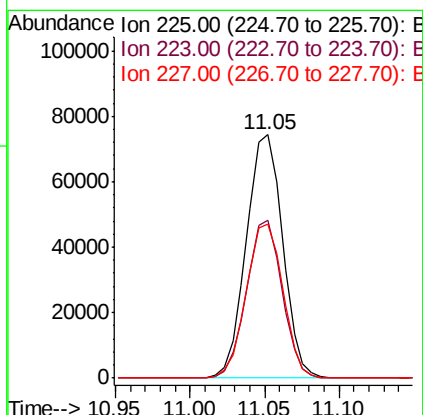
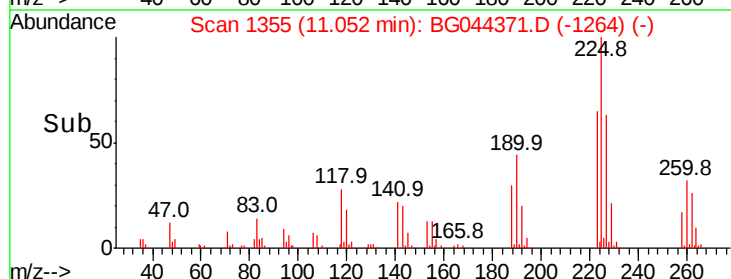
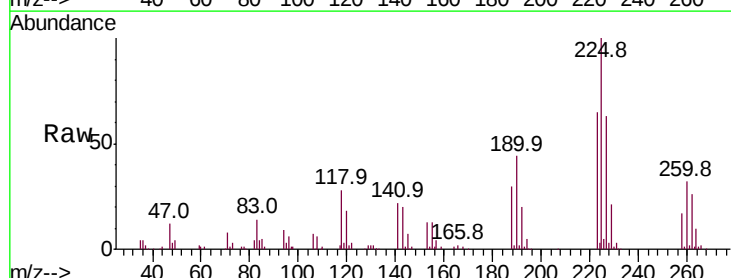
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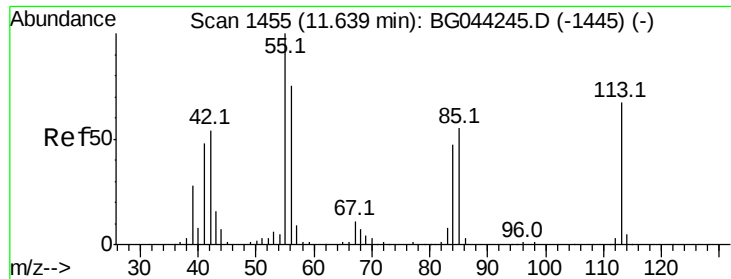
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#34
Hexachlorobutadiene
Concen: 37.325 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.9	50.2	75.4
227	63.2	50.8	76.2





#35

Caprolactam

Concen: 7.895 ng

RT: 11.63 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

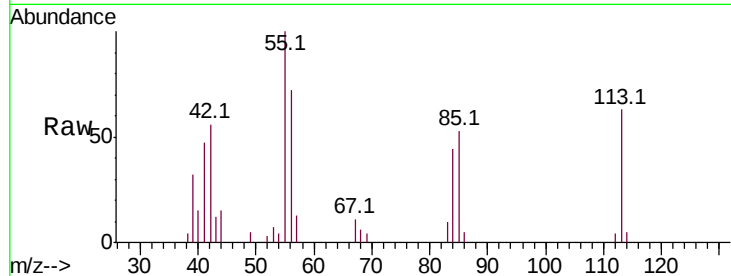
ClientSampleId :

PB126703BSD

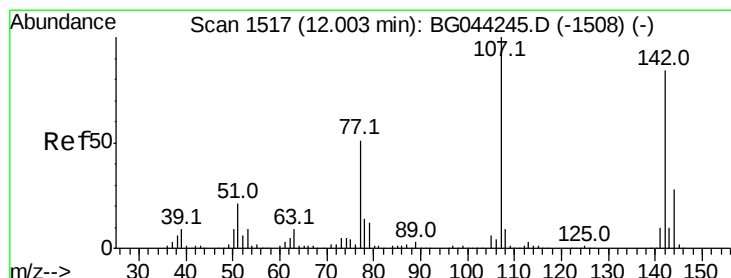
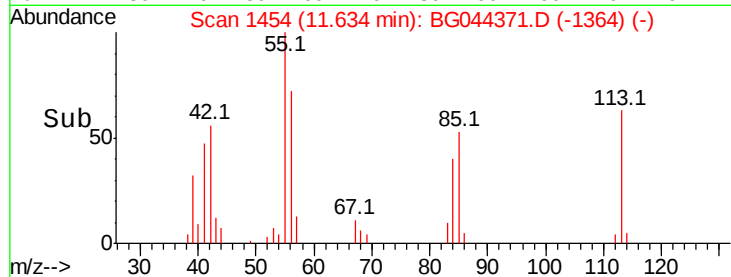
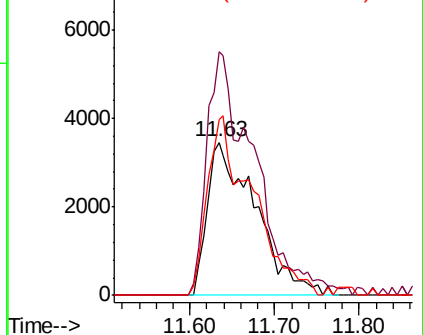
Tot Ion:	113	Resp:	13759
Ion Ratio	Lower	Upper	
113	100		
55	159.0	129.9	169.9
56	115.0	92.5	132.5

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.133 ng

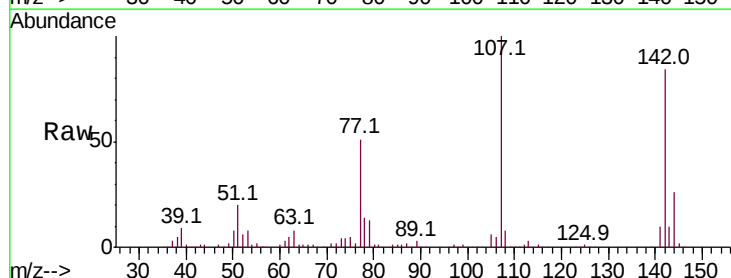
RT: 11.99 min Scan# 1515

Delta R.T. -0.00 min

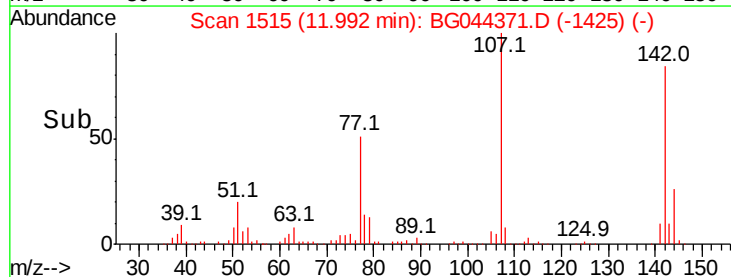
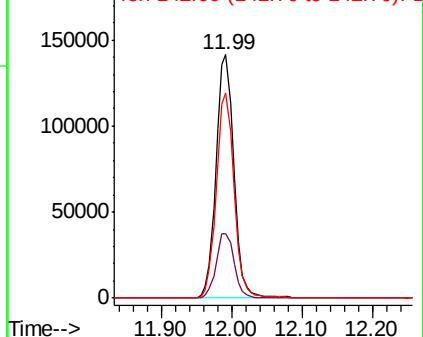
Lab File: BG044371.D

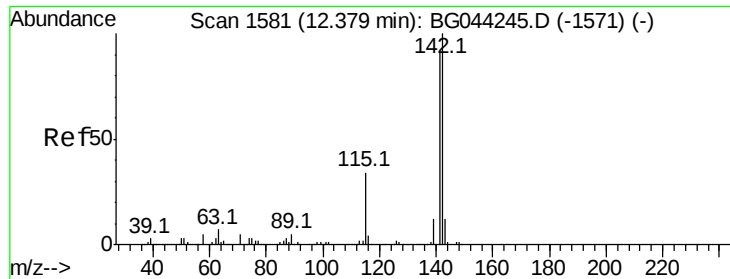
Acq: 11 Feb 2020 2:33

Tgt Ion:	107	Resp:	250054
Ion Ratio	Lower	Upper	
107	100		
144	26.3	22.2	33.4
142	84.4	67.4	101.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.267 ng

RT: 12.36 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BG044371.D

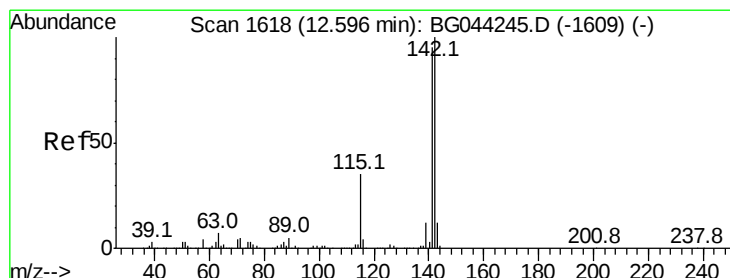
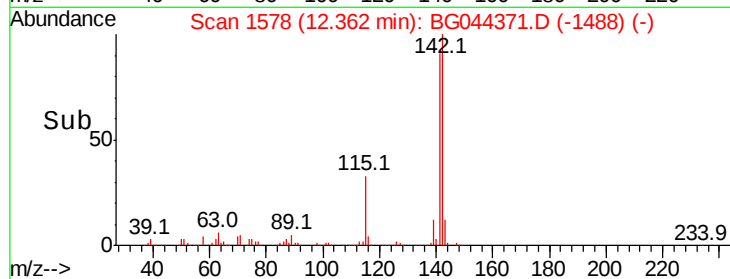
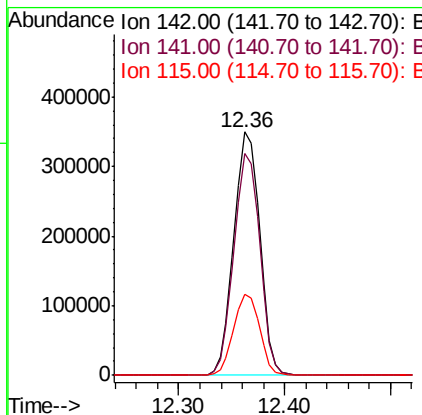
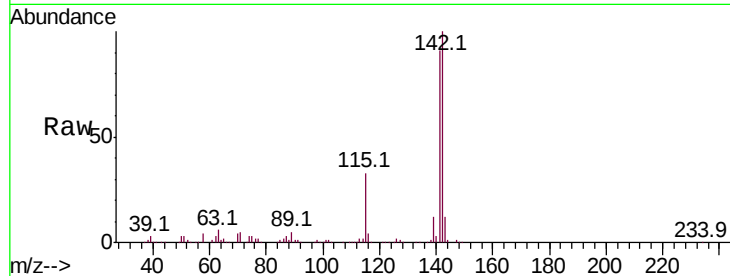
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	596036		
141	91.3	73.2	109.8	
115	33.3	27.1	40.7	

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#38

1-Methylnaphthalene

Concen: 53.952 ng

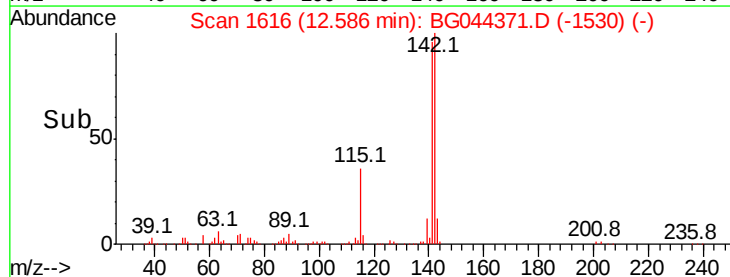
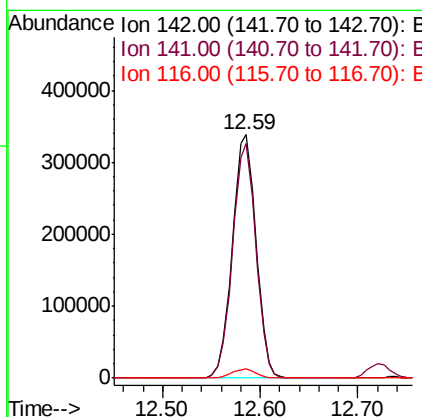
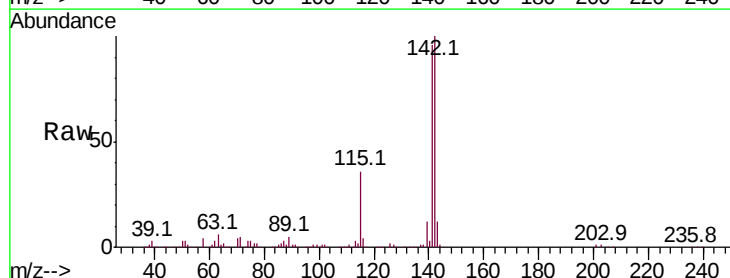
RT: 12.59 min Scan# 1616

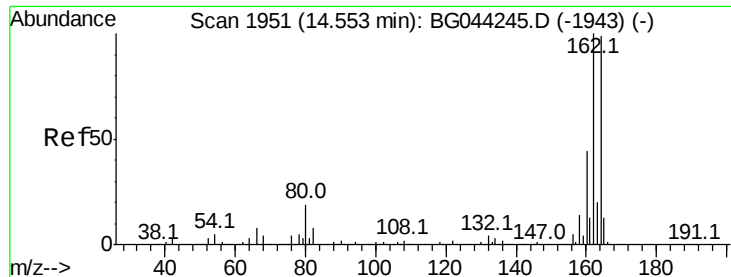
Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	569163		
141	96.2	75.8	113.6	
116	3.8	3.1	4.7	





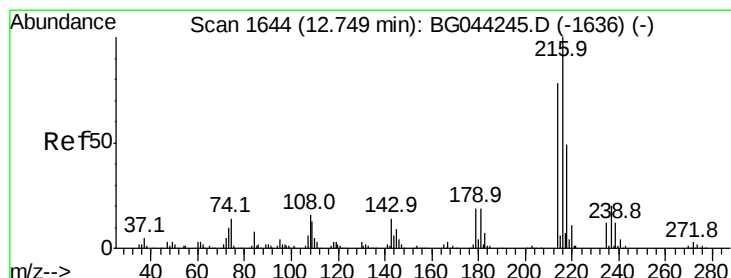
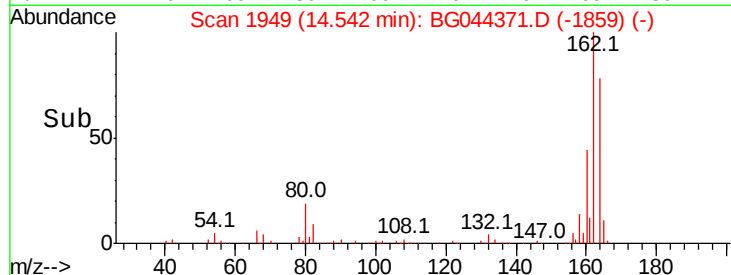
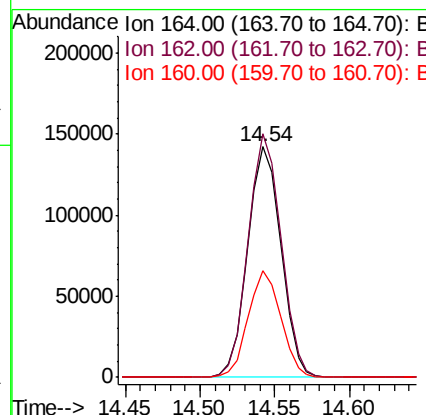
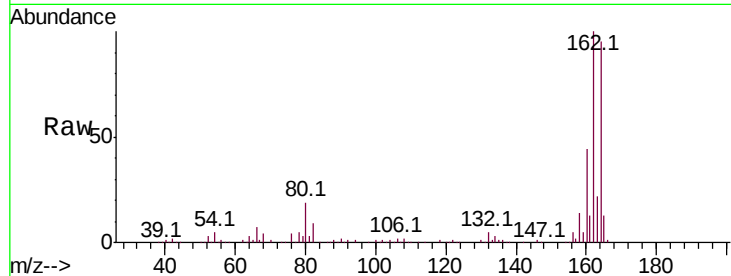
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	80.7	121.1	
160	46.0	35.3	52.9	

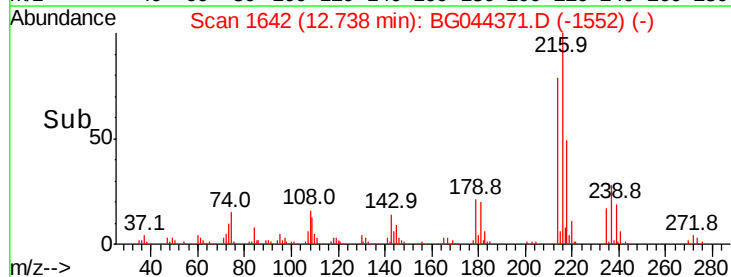
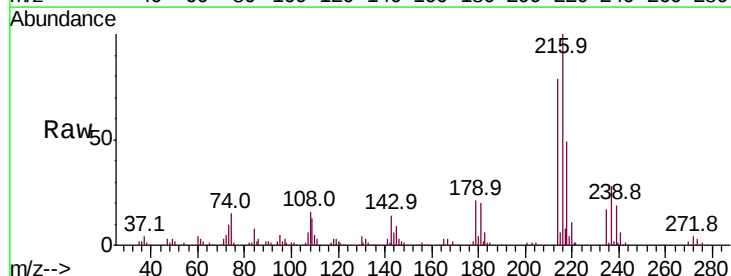
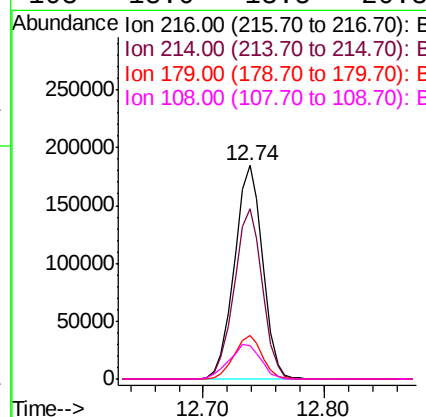
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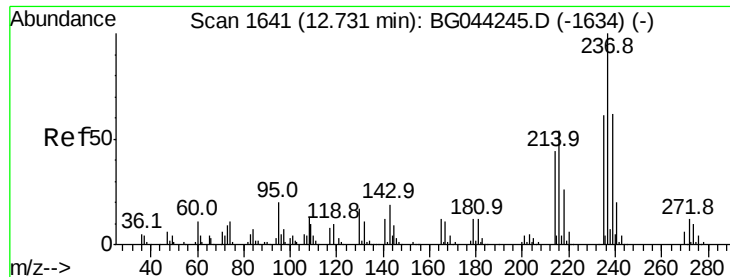
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.732 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.6	
179	20.3	16.2	24.4	
108	18.0	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 88.766 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

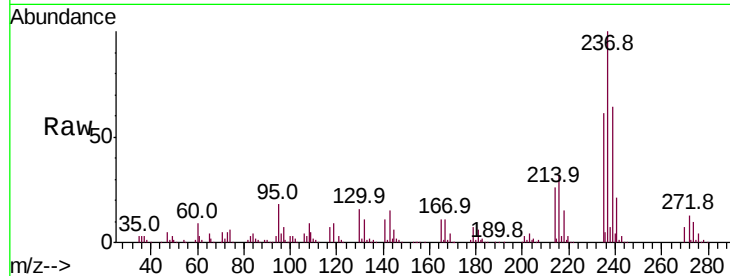
ClientSampleId :

PB126703BSD

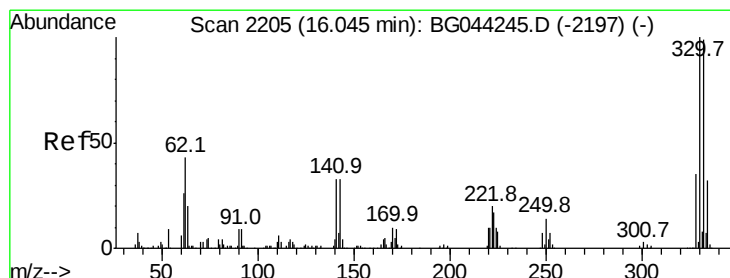
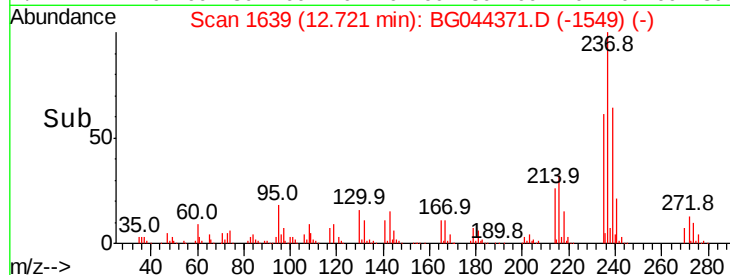
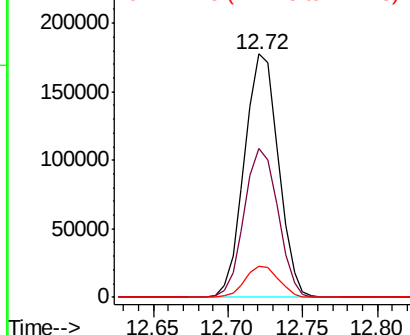
Tot Ion:	237	Resp:	279643
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.2	81.2
272	12.5	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 107.160 ng

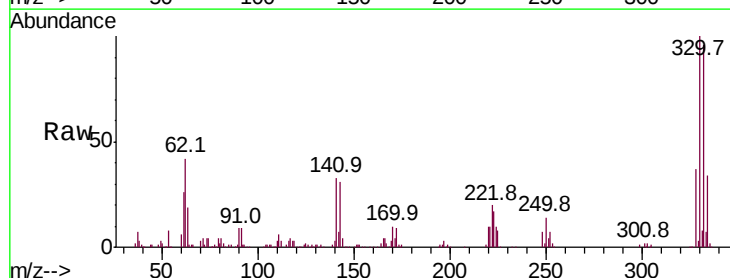
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

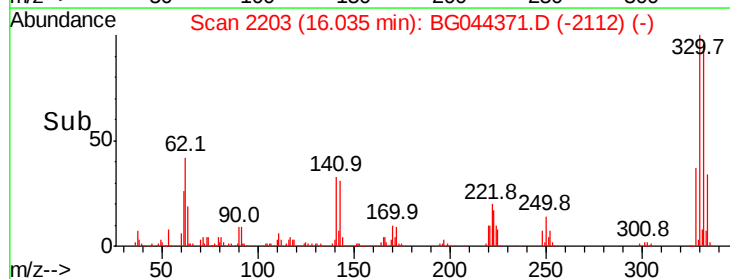
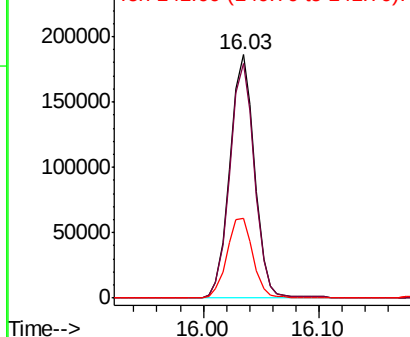
Lab File: BG044371.D

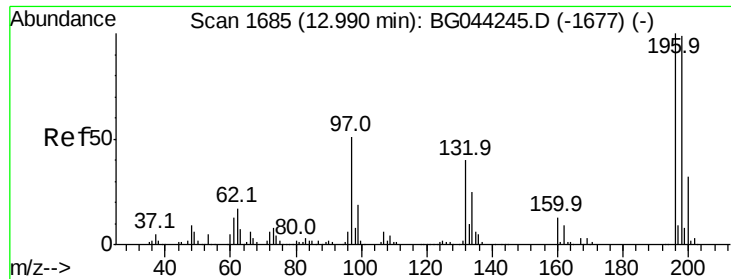
Acq: 11 Feb 2020 2:33

Tgt Ion:	330	Resp:	276114
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.2	115.8
141	34.5	28.3	42.5



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





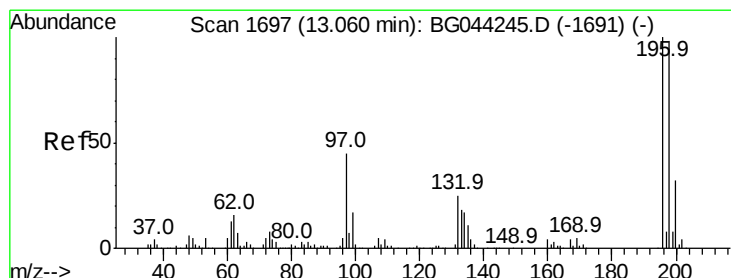
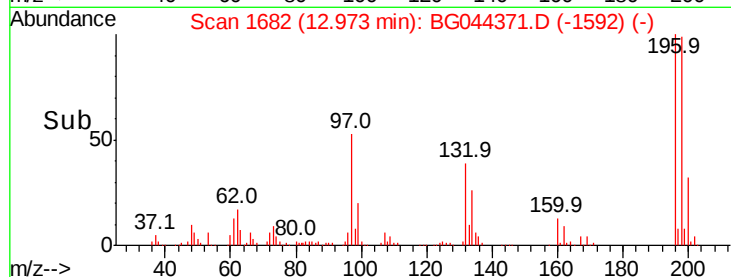
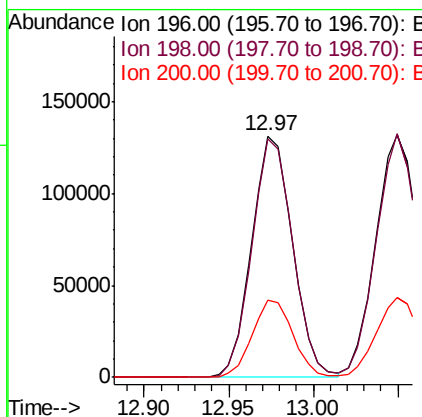
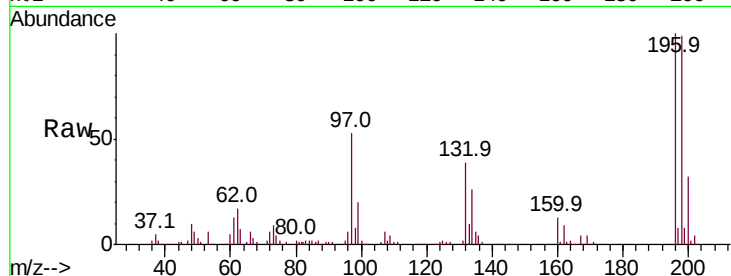
#43
 2,4,6-Trichlorophenol
 Concen: 52.090 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221058		
198	98.7	79.3	118.9	
200	31.8	25.7	38.5	

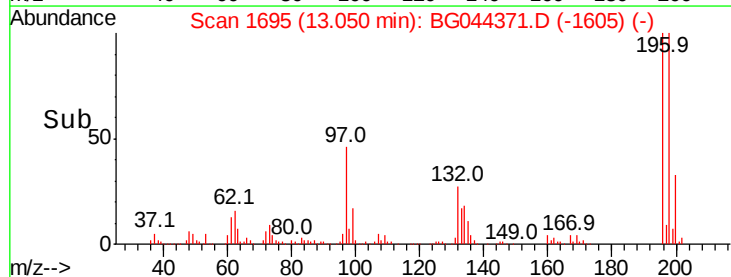
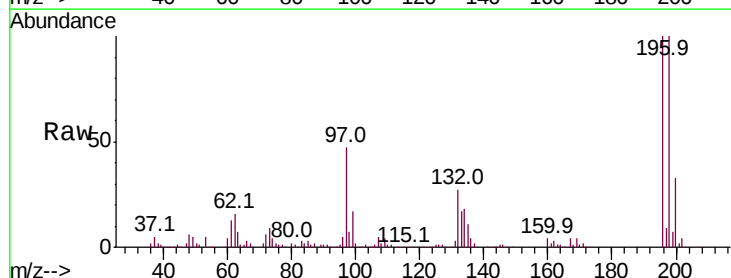
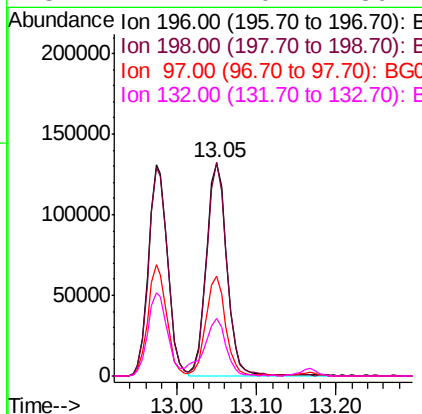
Manual Integrations
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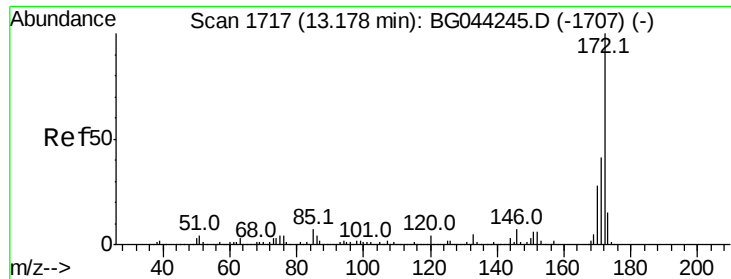
mohammad
 2/12/2020 9:49:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 55.055 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238641		
198	100.5	78.2	117.2	
97	46.8	36.2	54.4	
132	27.2	20.2	30.4	





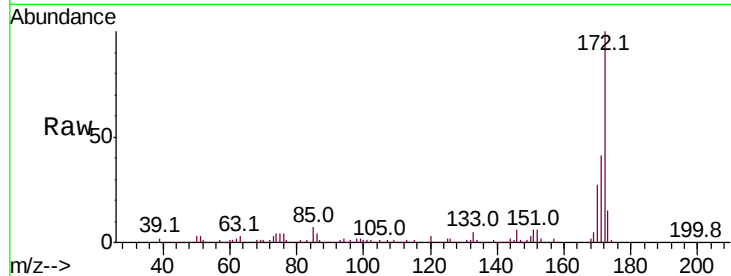
#45
2-Fluorobiphenyl
Concen: 99.265 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.9	32.9	49.3
170	27.0	22.0	33.0

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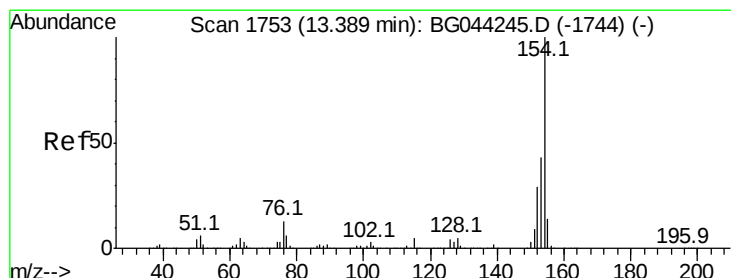
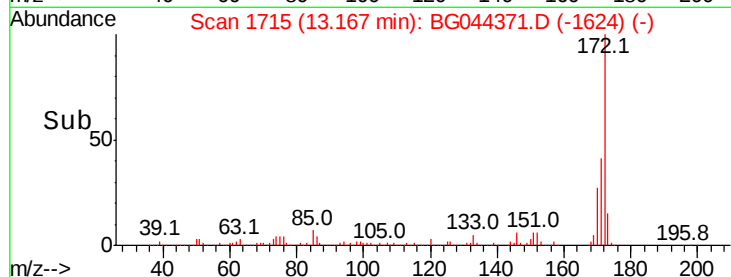
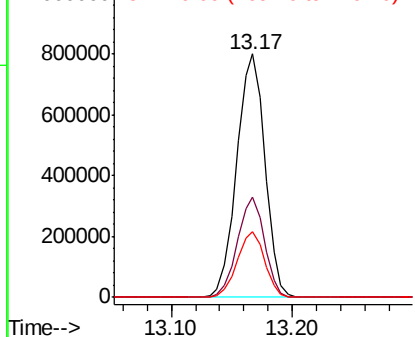


Abundance

Ion 172.00 (171.70 to 172.70): E

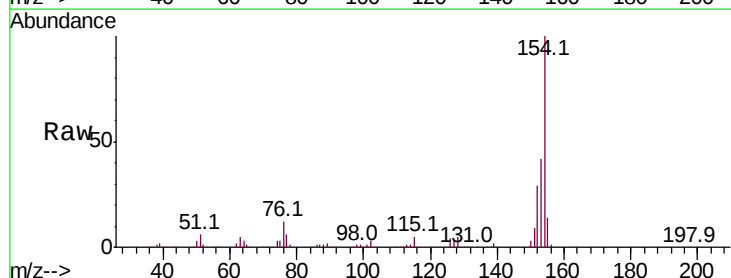
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 49.918 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	12.2	0.0	32.9

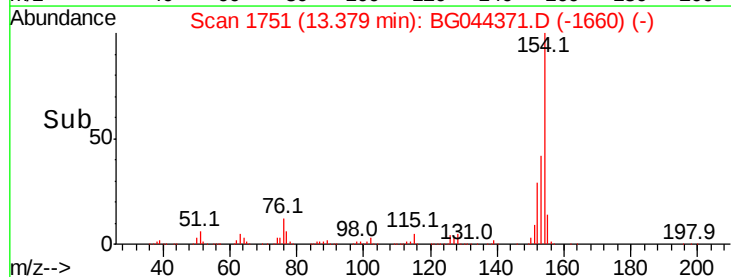
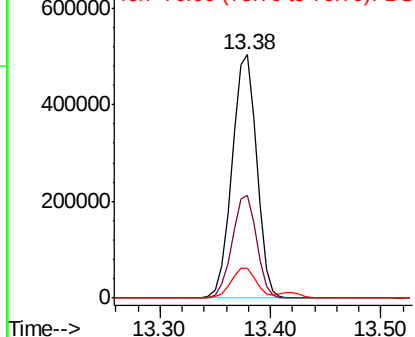


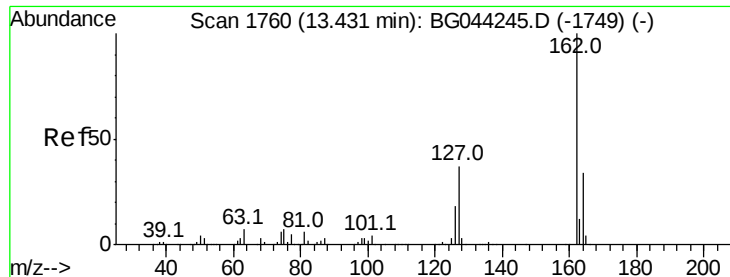
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





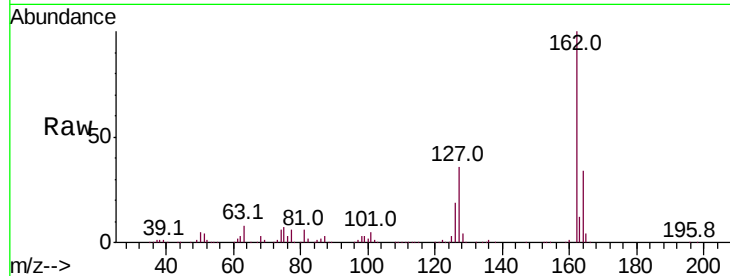
#47
2-Chloronaphthalene
Concen: 48.780 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

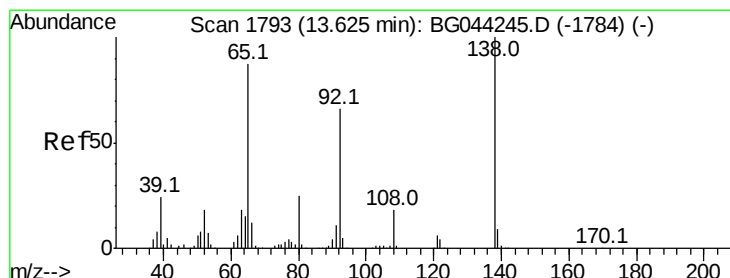
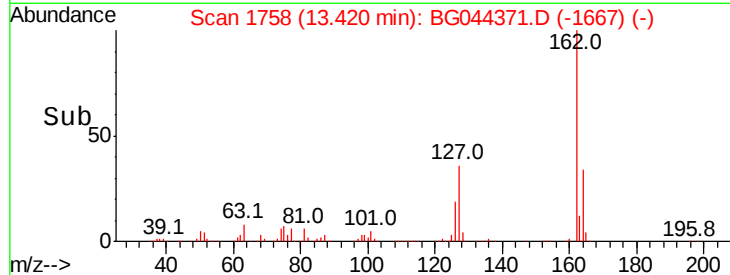
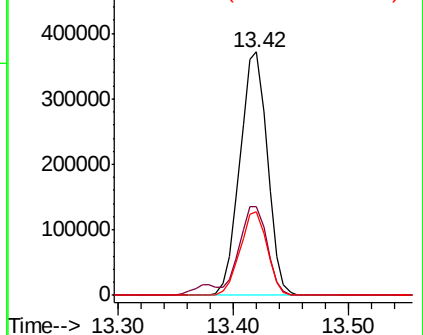
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.3	30.0	45.0
164	34.1	27.2	40.8

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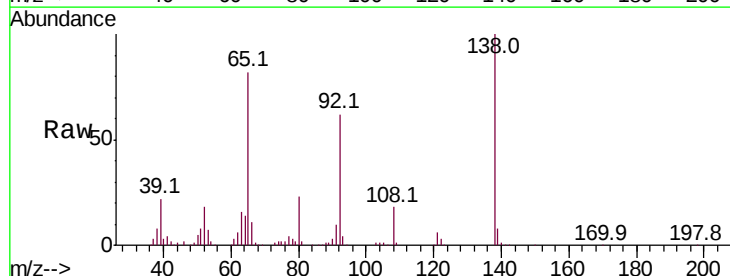


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

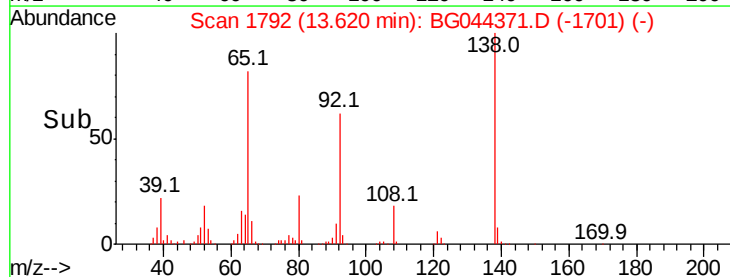
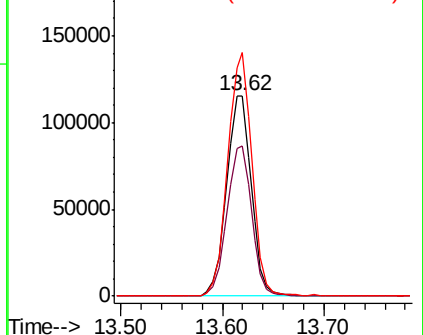


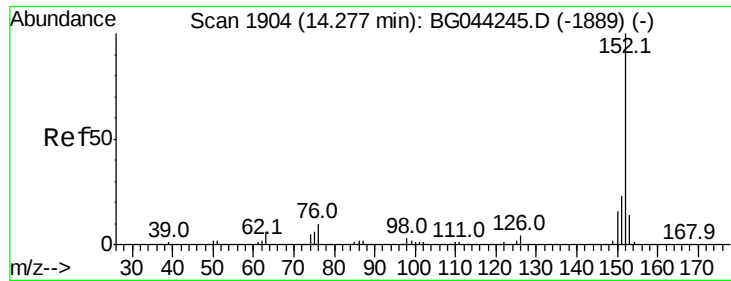
#48
2-Nitroaniline
Concen: 52.817 ng
RT: 13.62 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	75.0	60.3	90.5
138	121.3	91.9	137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





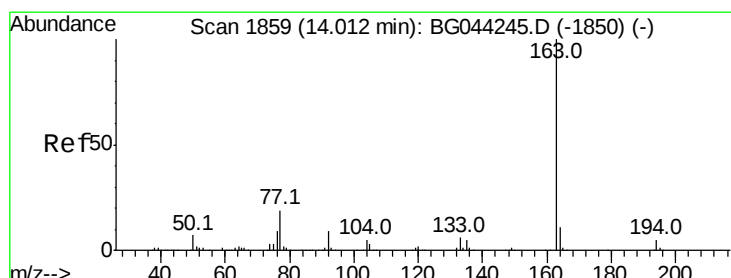
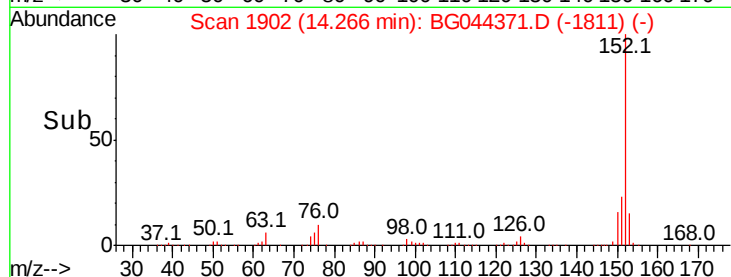
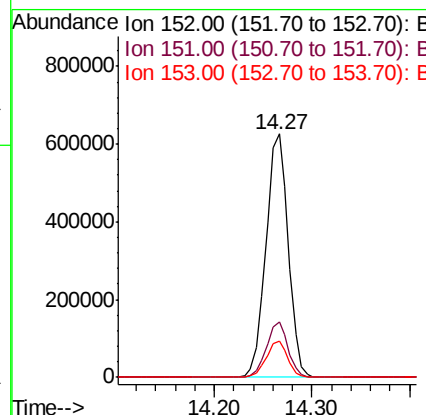
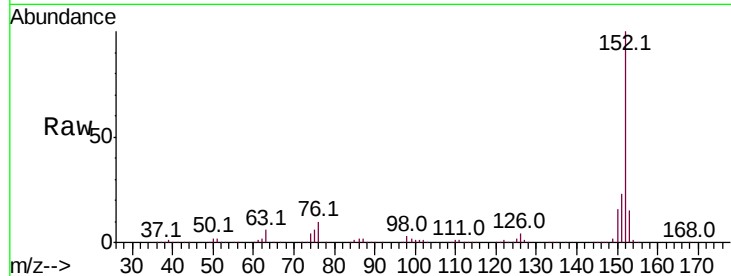
#49
Acenaphthylene
Concen: 54.381 ng
RT: 14.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.1	27.1
153	14.9	11.5	17.3

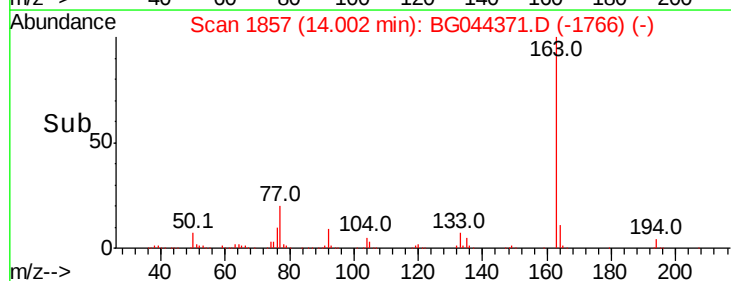
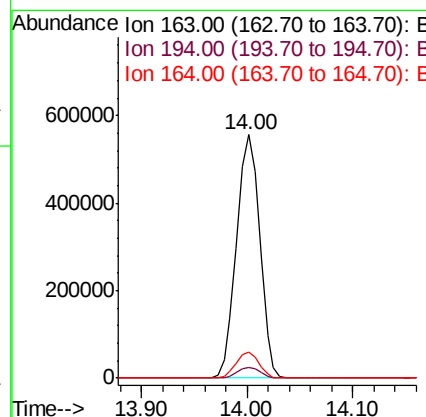
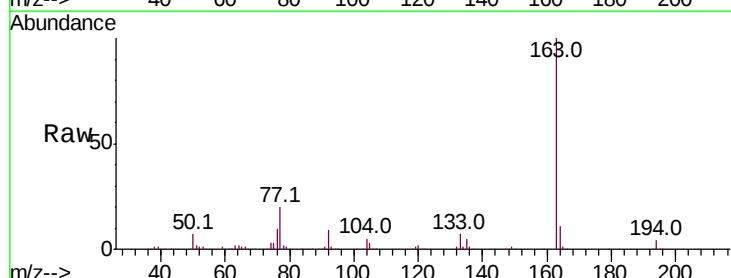
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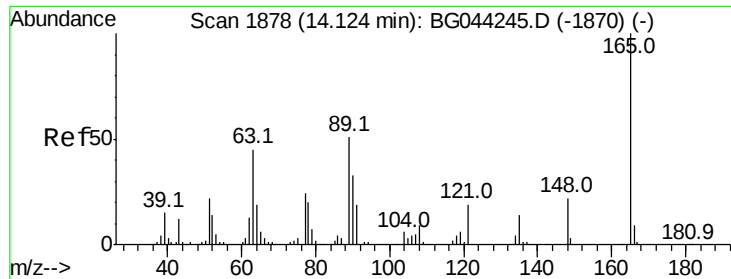
mohammad
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#50
Dimethylphthalate
Concen: 53.608 ng
RT: 14.00 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.8	8.7	13.1





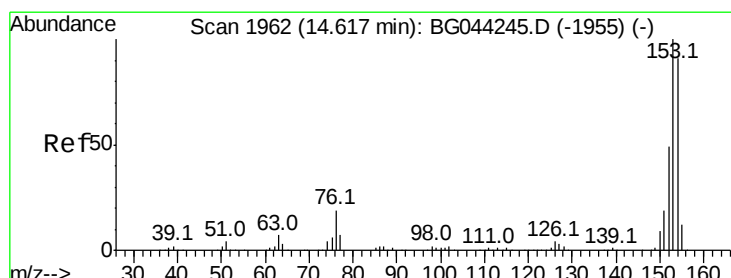
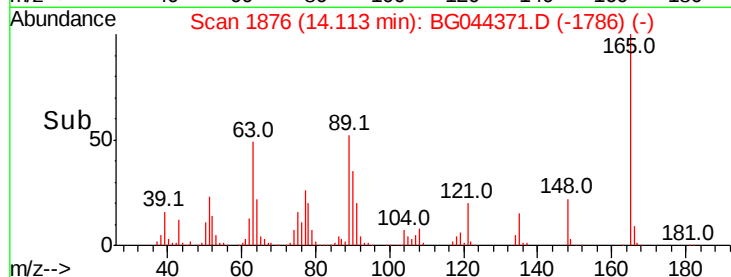
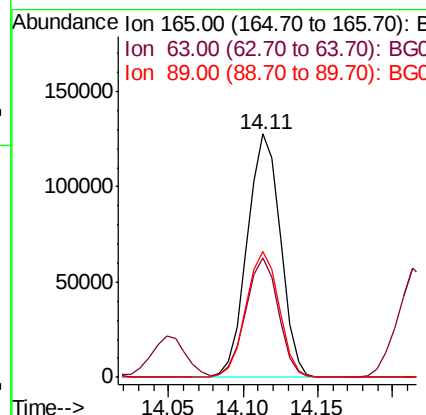
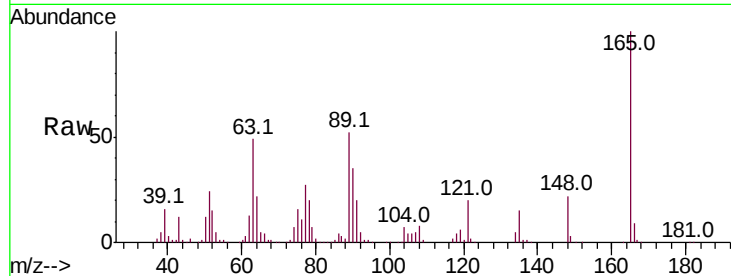
#51
2,6-Dinitrotoluene
Concen: 55.844 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	38.7	58.1
89	51.8	40.4	60.6

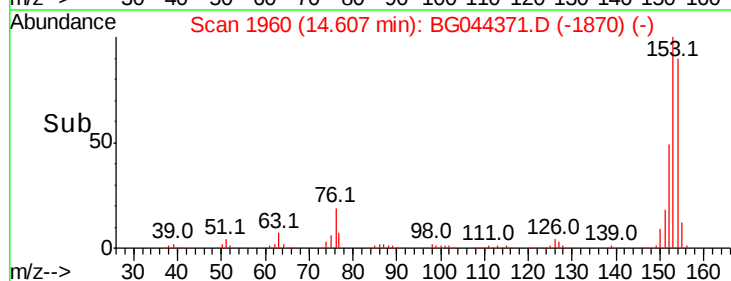
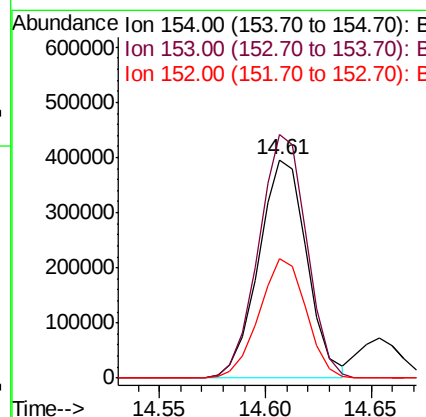
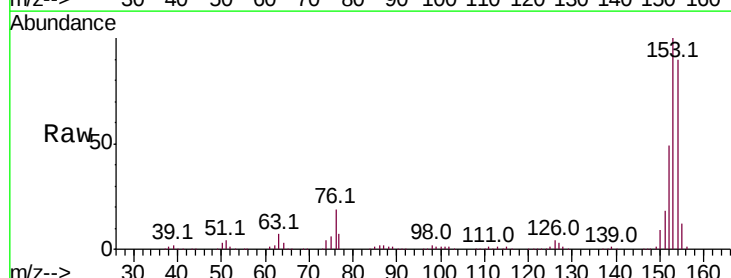
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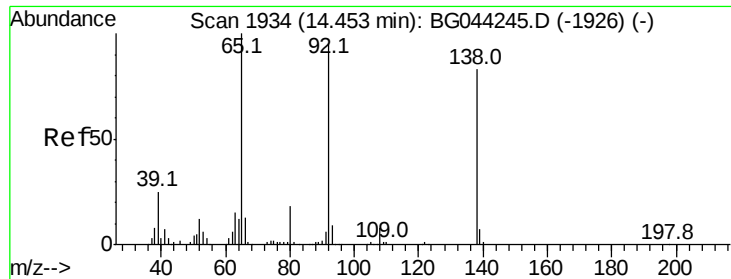
mohammad
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#52
Acenaphthene
Concen: 52.544 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	87.9	131.9
152	55.0	43.1	64.7





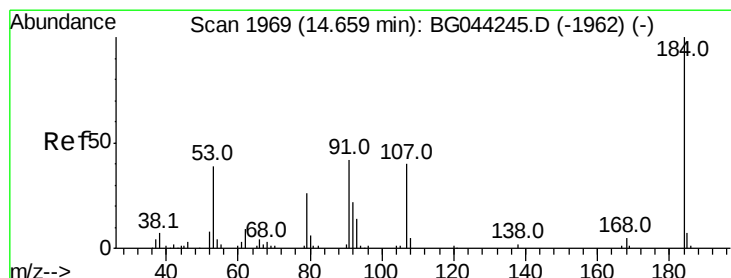
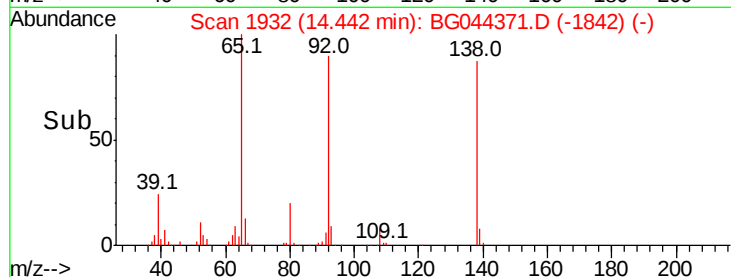
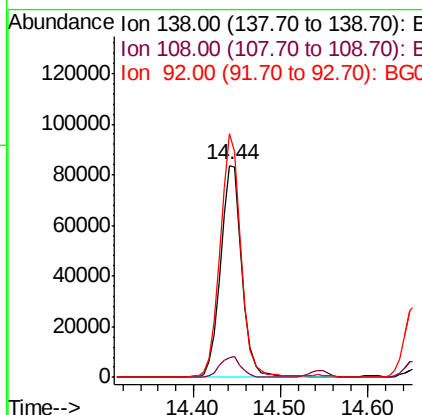
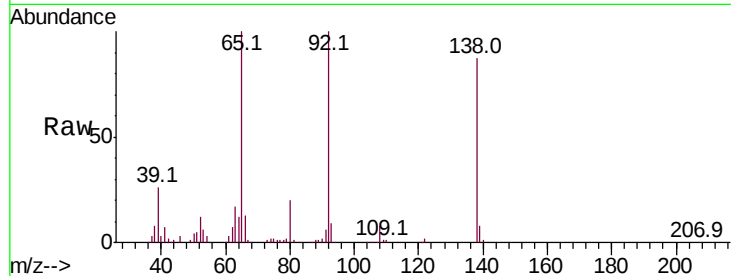
#53
3-Nitroaniline
Concen: 36.357 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion:138 Resp: 141499
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 114.7 91.0 136.4

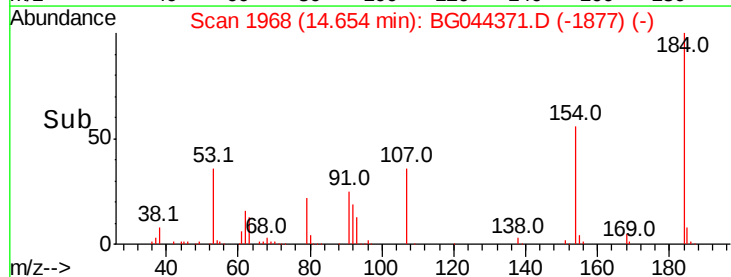
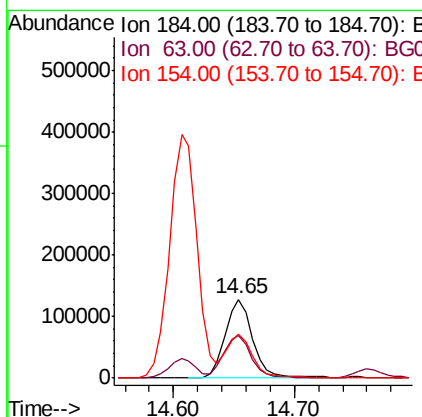
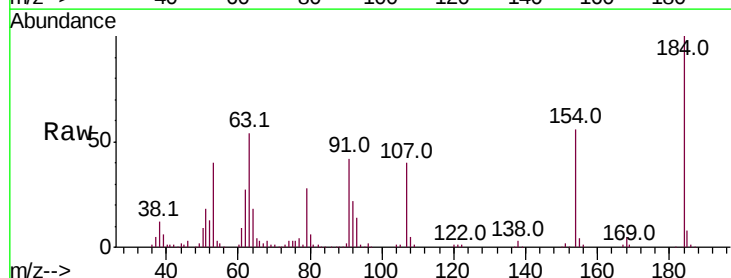
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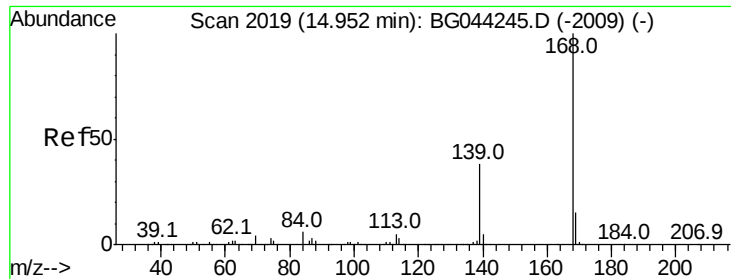
mohammad
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#54
2,4-Dinitrophenol
Concen: 96.540 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:184 Resp: 204864
Ion Ratio Lower Upper
184 100
63 54.3 44.1 66.1
154 56.0 45.4 68.0





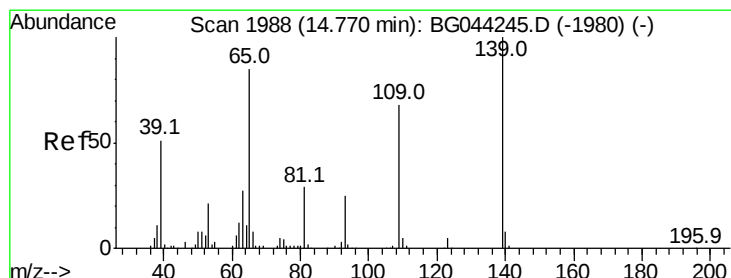
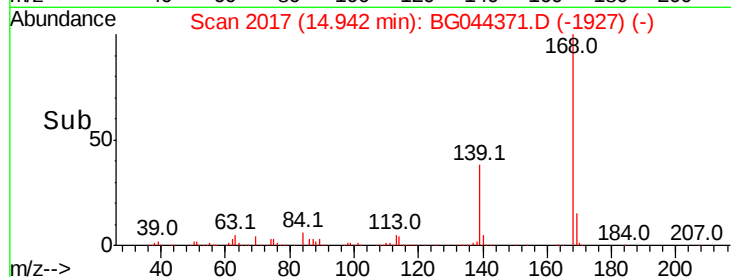
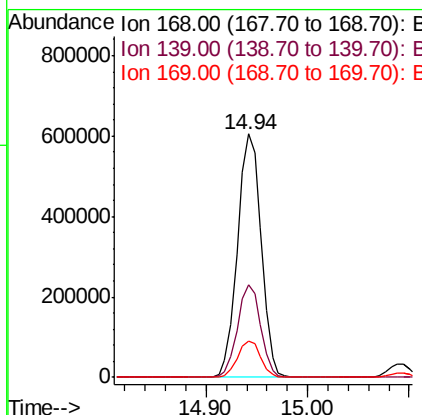
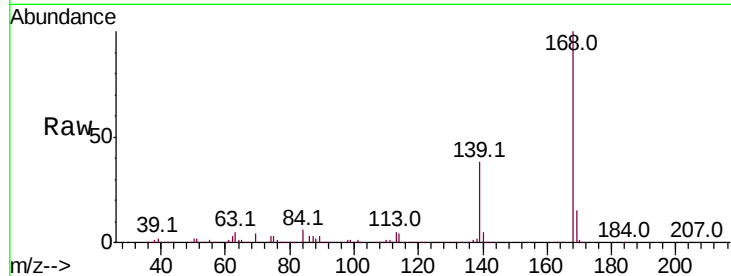
#55
Dibenzofuran
Concen: 54.015 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.5	45.7
169	15.2	11.7	17.5

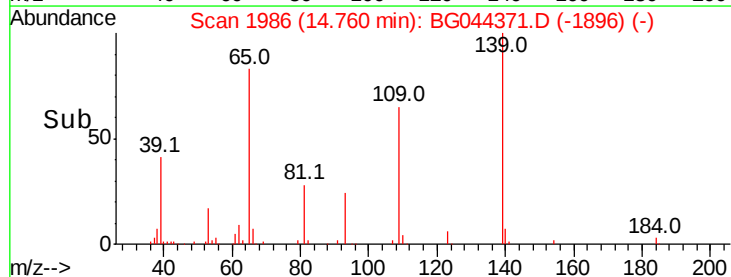
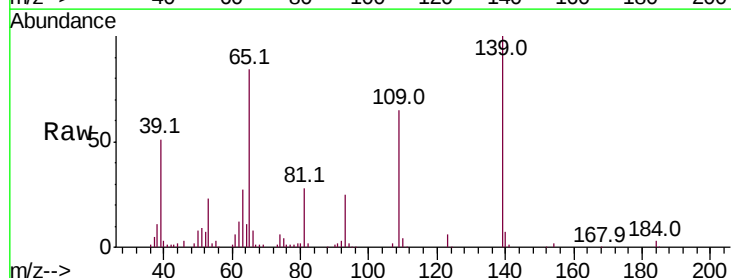
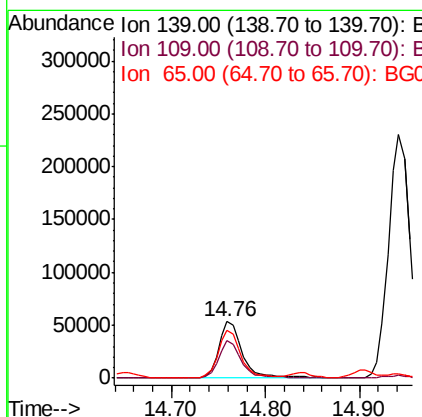
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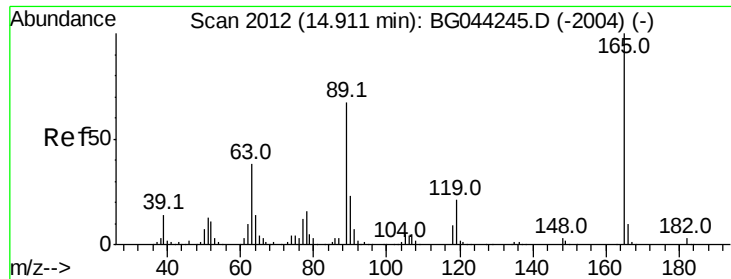
mohammad
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#56
4-Nitrophenol
Concen: 33.083 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	47.5	87.5
65	84.3	64.9	104.9





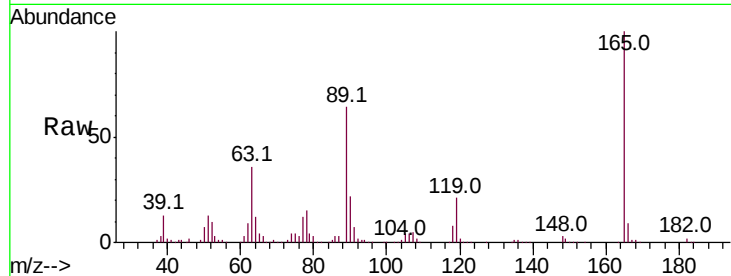
#57
2,4-Dinitrotoluene
Concen: 56.815 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	36.1	30.3	45.5
89	63.7	53.4	80.2
182	2.5	2.1	3.1

Manual Integrations
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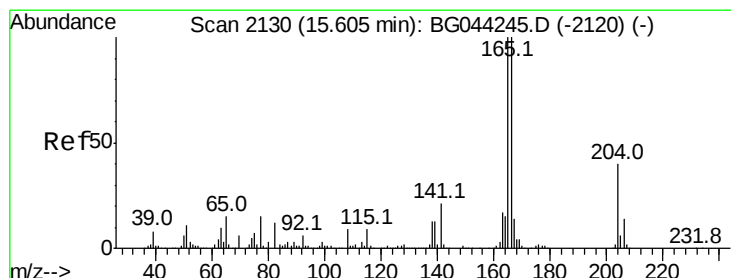
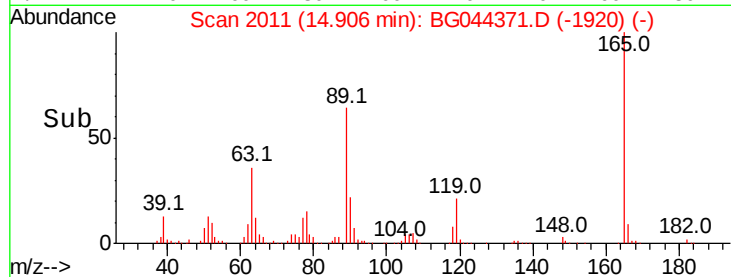
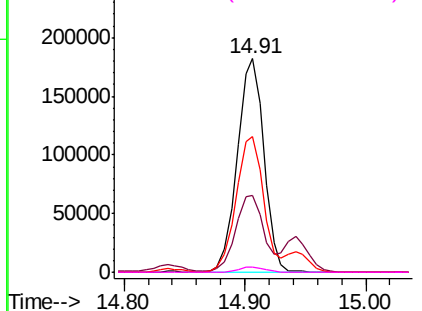
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 54.801 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

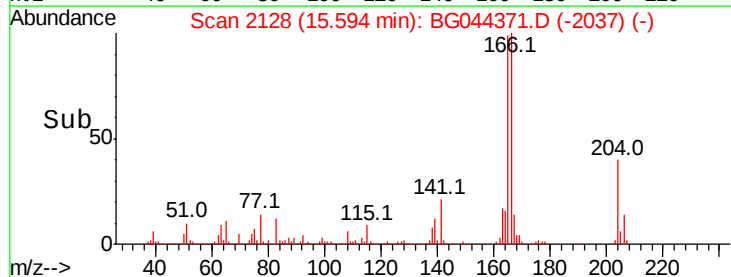
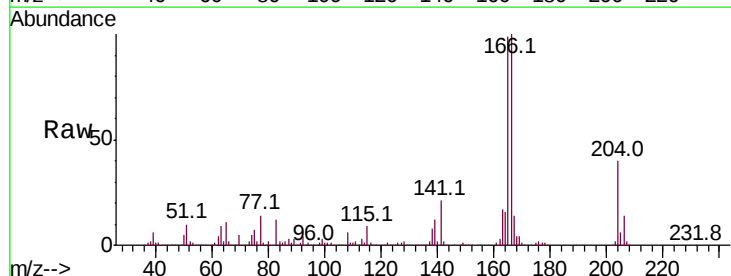
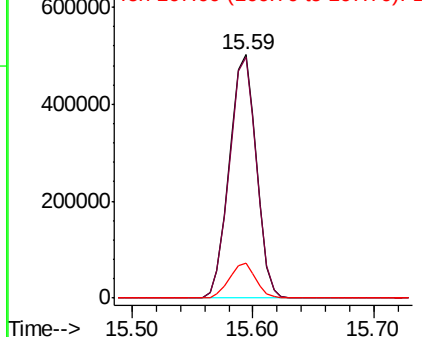
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.0	79.9	119.9
167	14.2	11.4	17.0

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





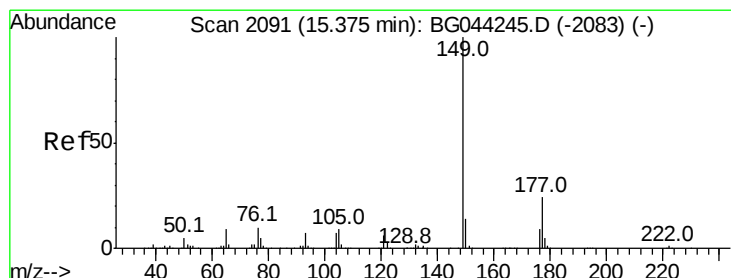
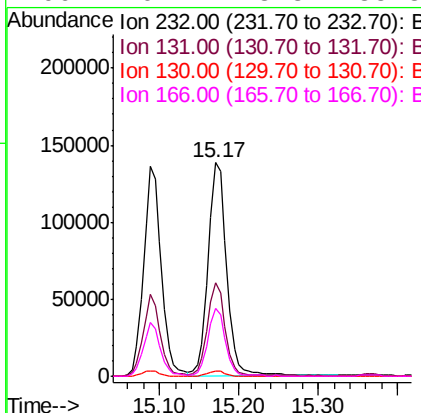
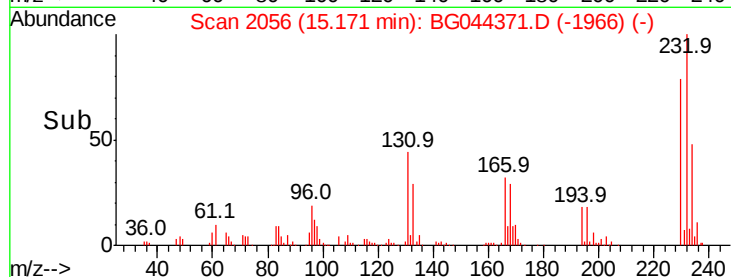
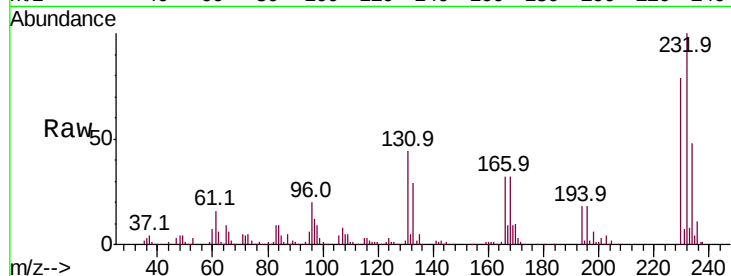
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.569 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion:	232	Resp:	225400
Ion Ratio	Lower	Upper	
232	100		
131	41.2	34.2	51.4
130	2.4	1.8	2.8
166	29.7	23.8	35.8

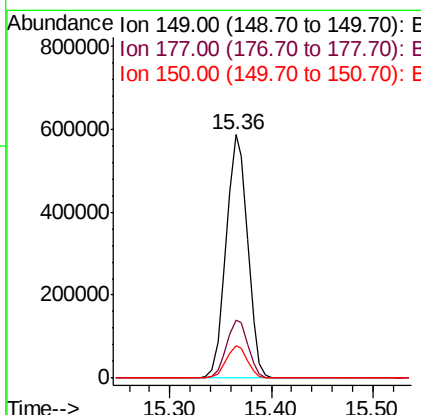
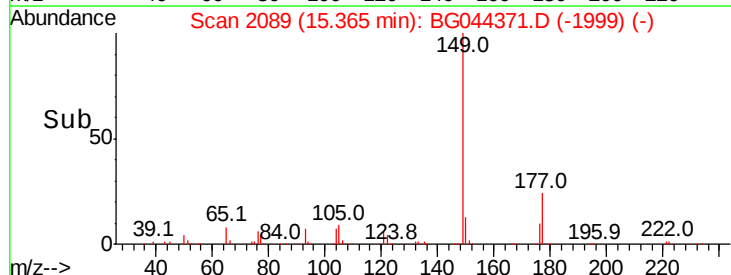
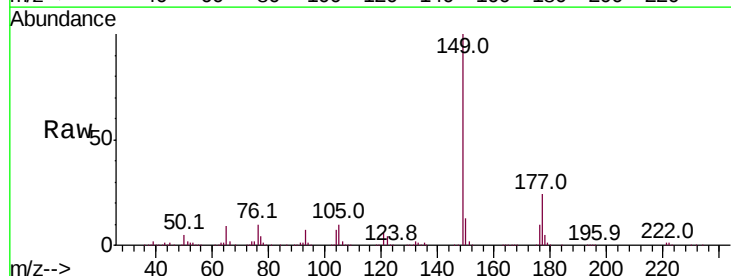
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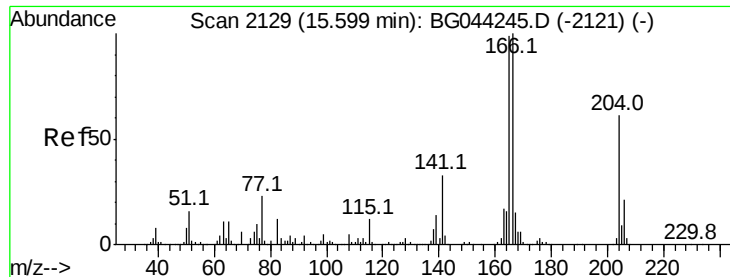
mohammad
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#60
 Diethylphthalate
 Concen: 54.645 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion:	149	Resp:	859061
Ion Ratio	Lower	Upper	
149	100		
177	24.0	19.4	29.0
150	13.4	10.9	16.3





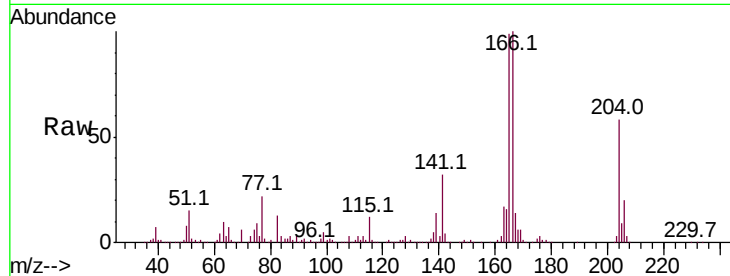
#61
4-Chlorophenyl-phenylether
Concen: 54.296 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	54.1	43.4	65.0

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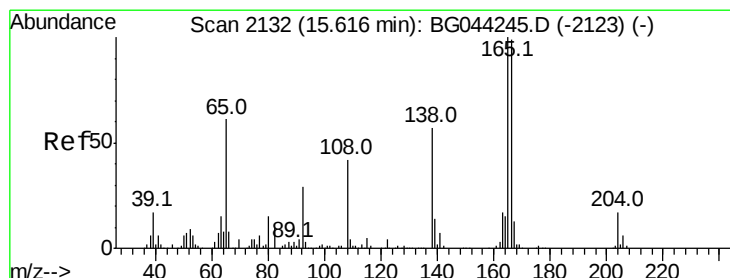
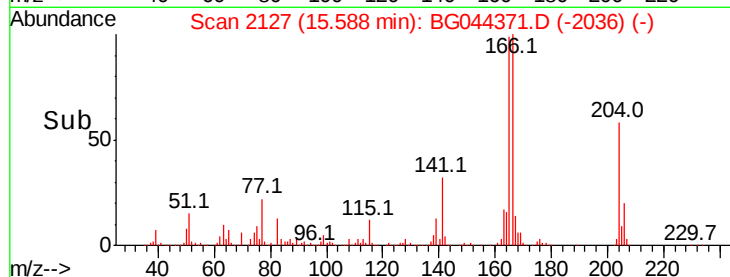
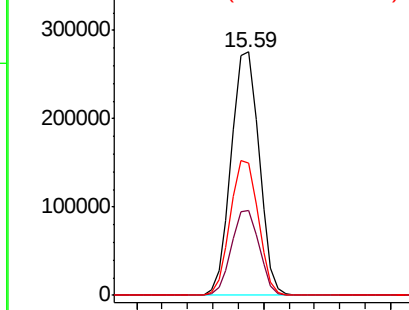


Abundance

Ion 204.00 (203.70 to 204.70): E

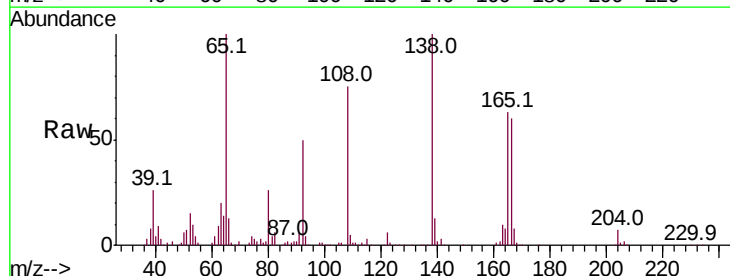
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.786 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.3	71.3
108	74.9	52.6	92.6

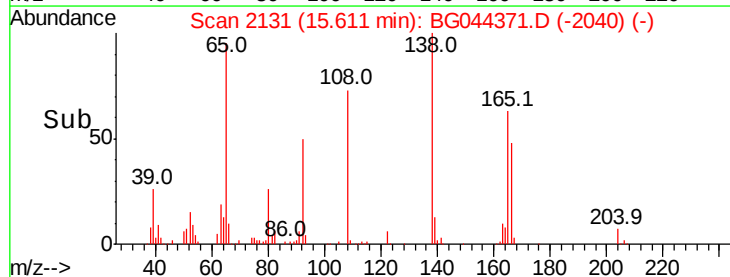
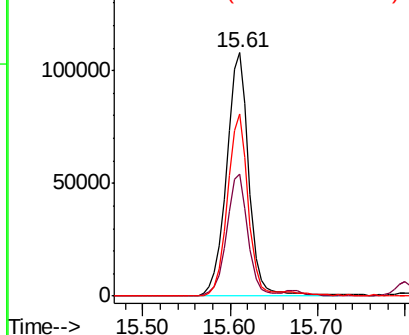


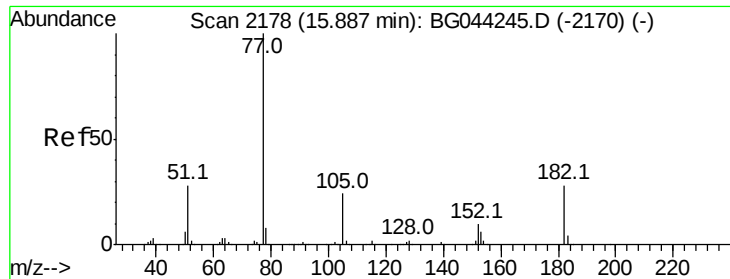
Abundance

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





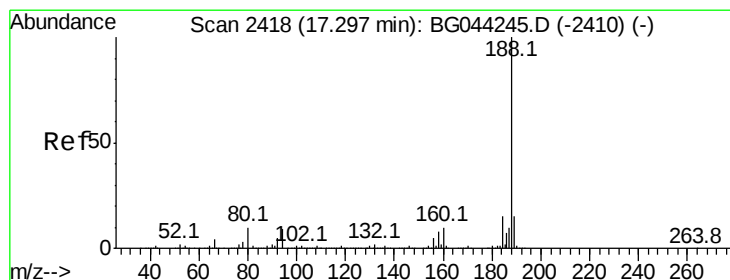
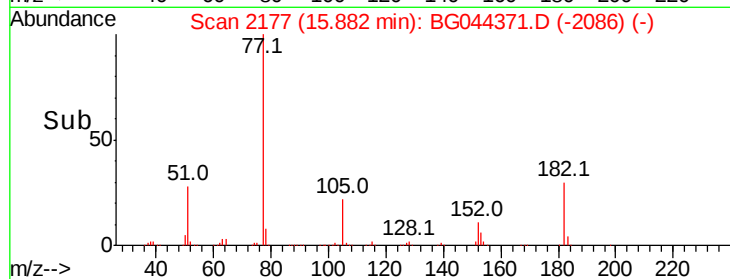
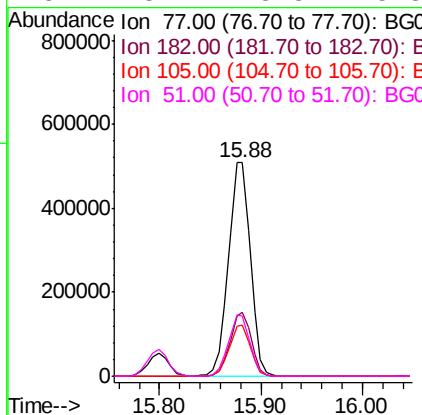
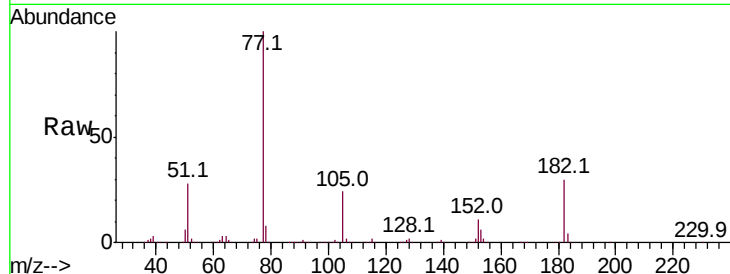
#63
Azobenzene
Concen: 55.211 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	760712		
182	29.9	8.2	48.2	
105	23.8	3.6	43.6	
51	28.2	8.3	48.3	

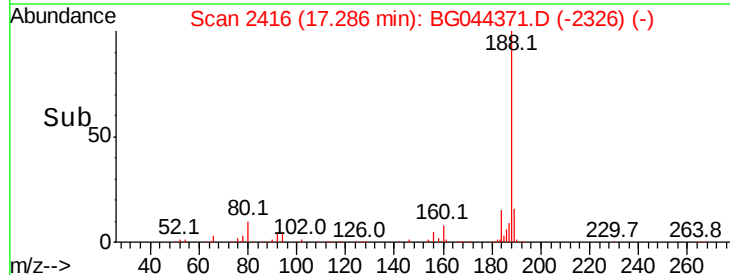
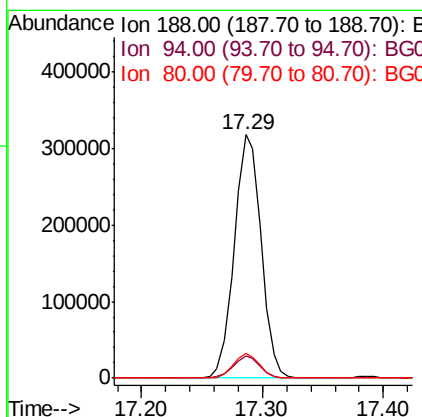
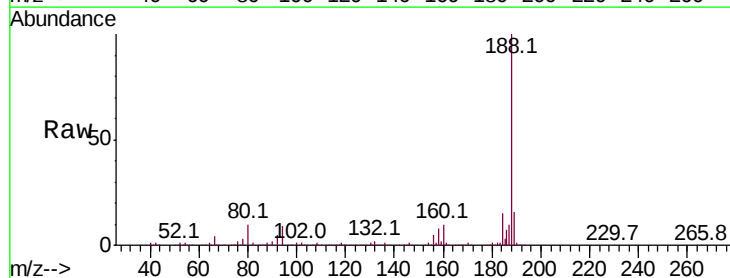
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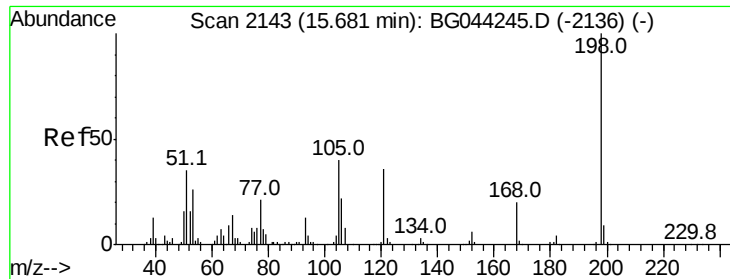
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	492804		
94	8.9	7.4	11.2	
80	10.4	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 60.123 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

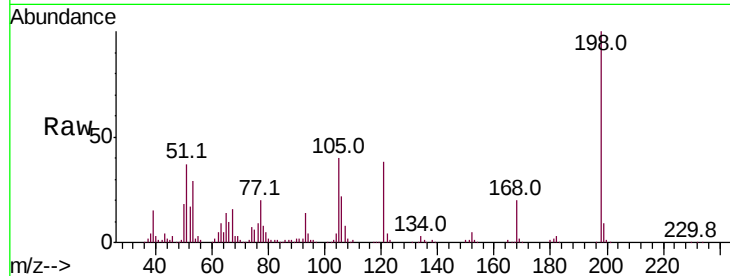
ClientSampleId :

PB126703BSD

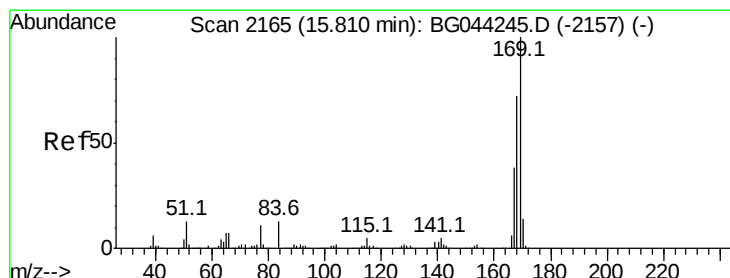
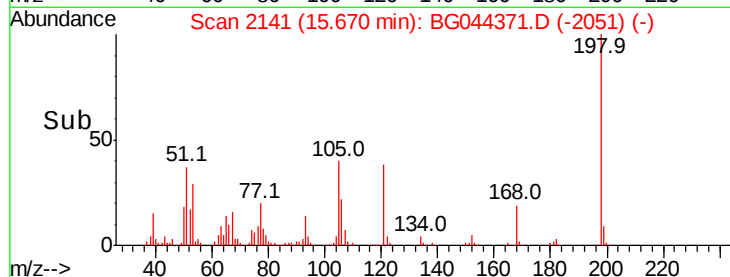
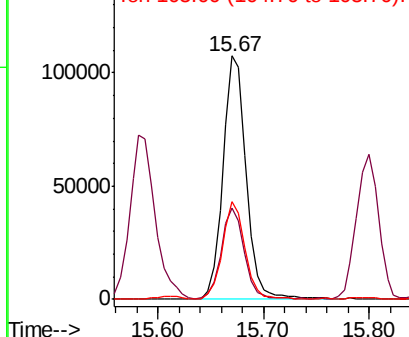
Tot Ion:	198	Resp:	163551
Ion Ratio	Lower	Upper	
198	100		
51	37.3	16.6	56.6
105	40.2	20.6	60.6

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



#66

n-Nitrosodiphenylamine

Concen: 53.748 ng

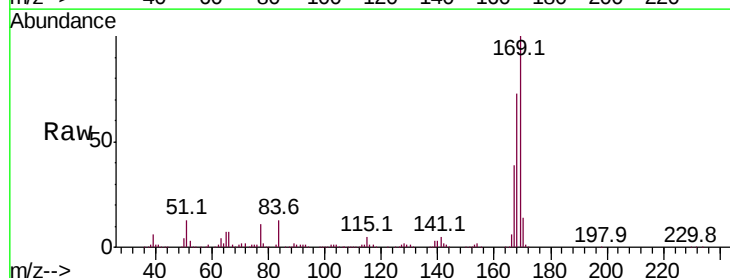
RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

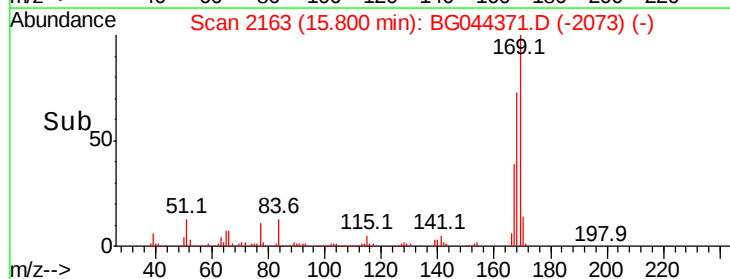
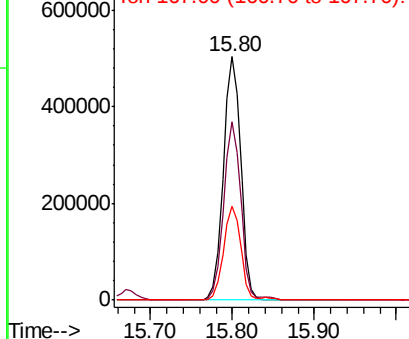
Lab File: BG044371.D

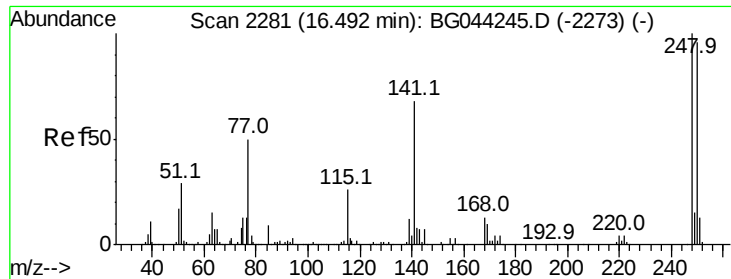
Acq: 11 Feb 2020 2:33

Tgt Ion:	169	Resp:	742289
Ion Ratio	Lower	Upper	
169	100		
168	73.2	57.9	86.9
167	38.8	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 52.689 ng

RT: 16.48 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

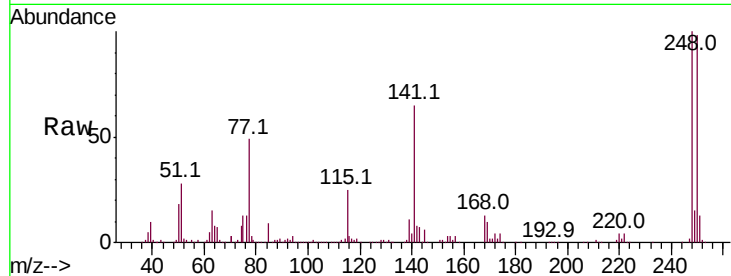
ClientSampleId :

PB126703BSD

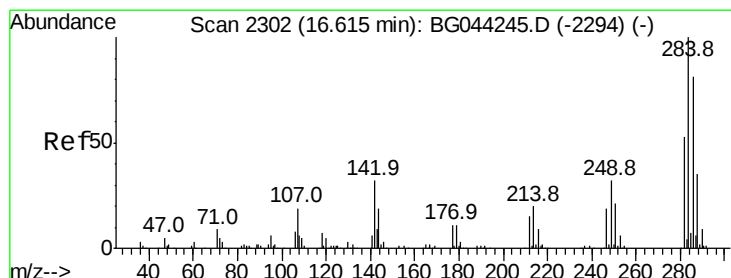
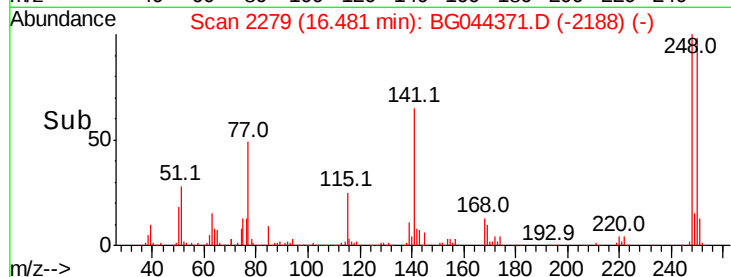
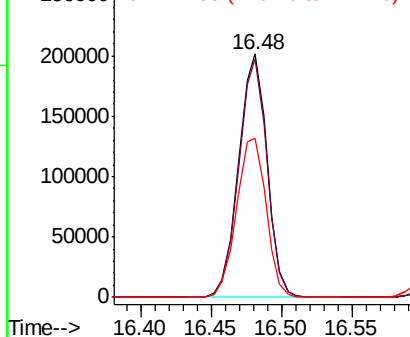
Tot Ion:	248	Resp:	282887
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.6	114.8
141	65.3	54.7	82.1

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 51.241 ng

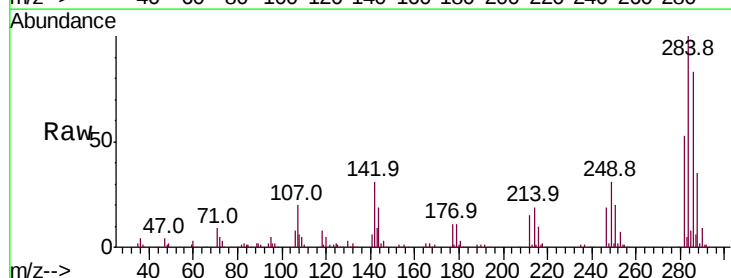
RT: 16.60 min Scan# 2300

Delta R.T. 0.00 min

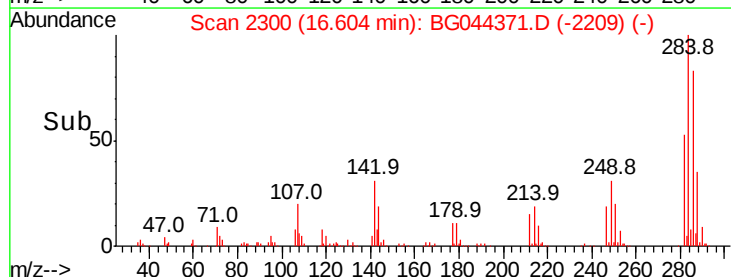
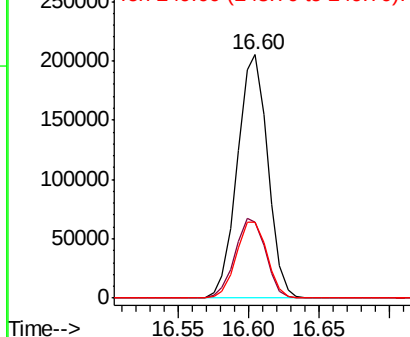
Lab File: BG044371.D

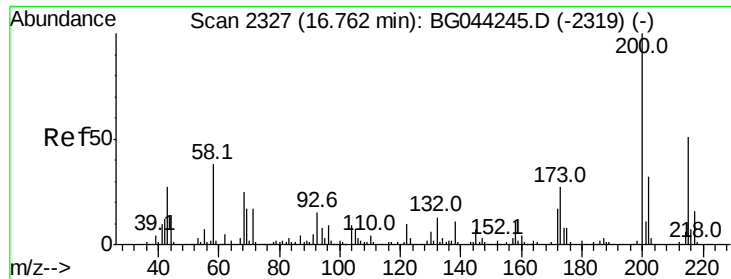
Acq: 11 Feb 2020 2:33

Tgt Ion:	284	Resp:	308220
Ion Ratio	Lower	Upper	
284	100		
142	31.0	25.3	37.9
249	31.1	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





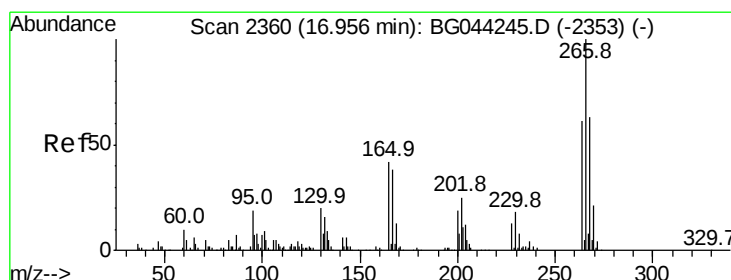
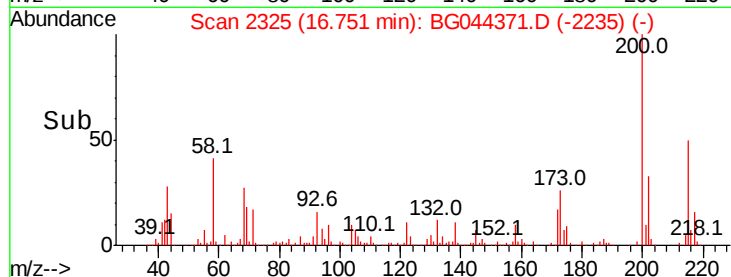
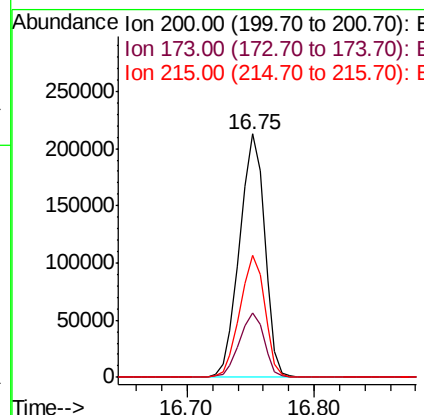
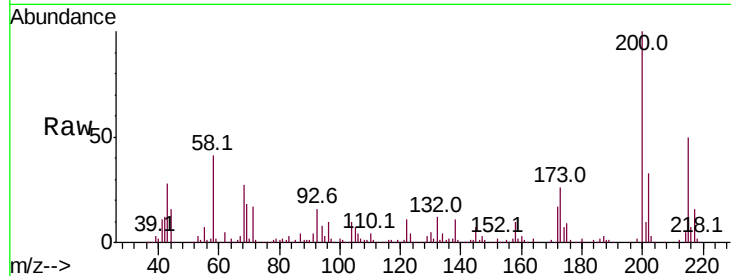
#69
 Atrazine
 Concen: 61.636 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	6.6	46.6
215	50.2	31.0	71.0

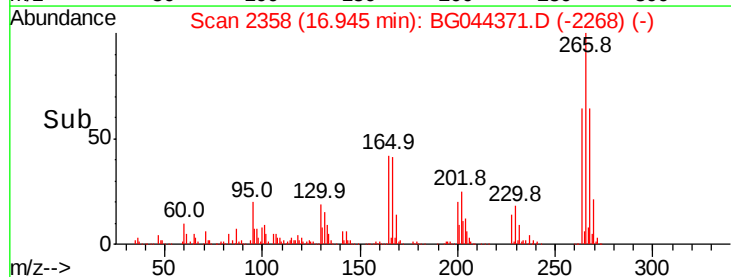
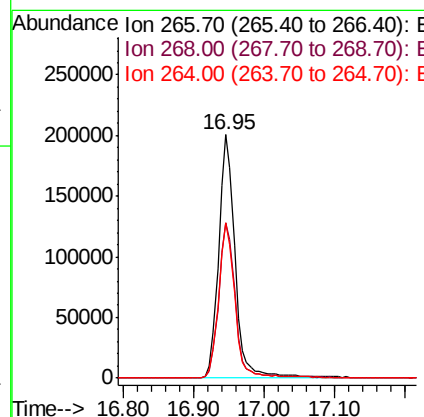
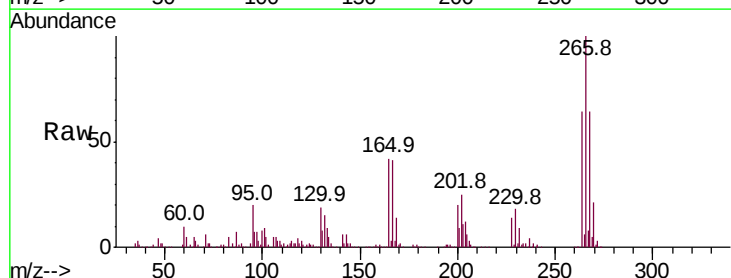
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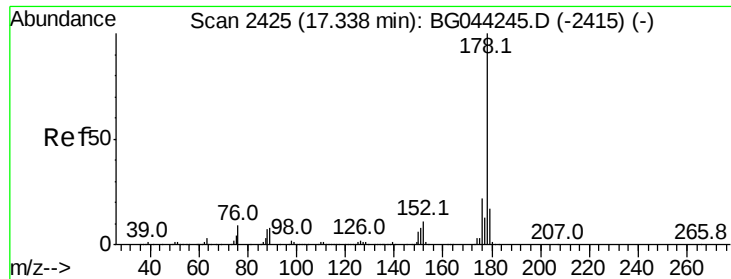
mohammad
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#70
 Pentachlorophenol
 Concen: 106.006 ng
 RT: 16.95 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	50.6	75.8
264	63.8	48.7	73.1





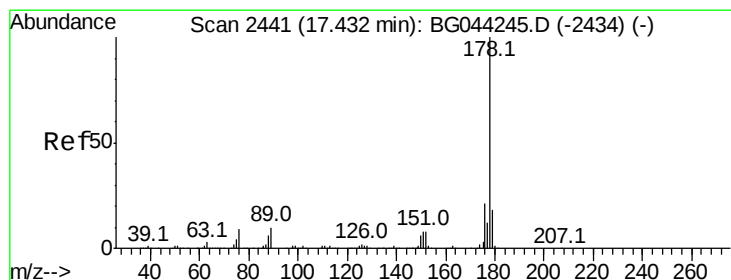
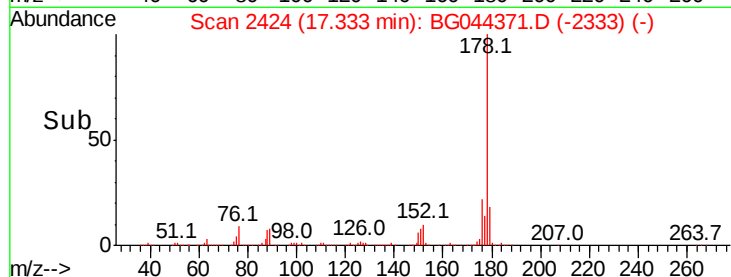
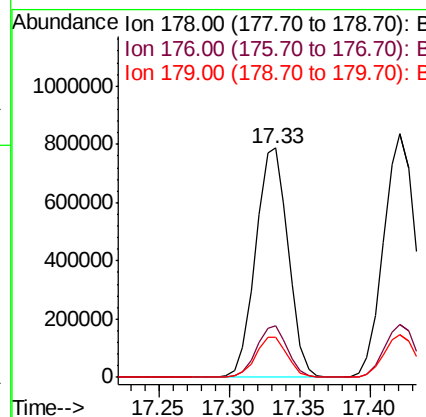
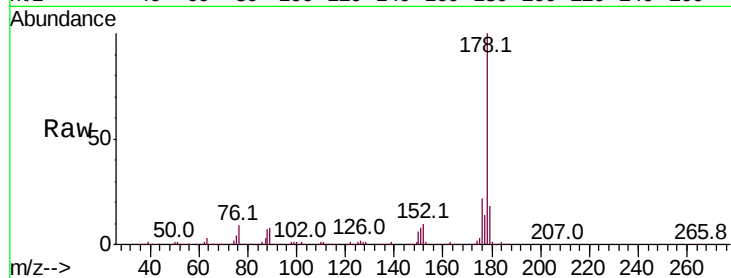
#71
Phenanthrene
Concen: 53.380 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion:178 Resp: 1273821
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 17.7 13.7 20.5

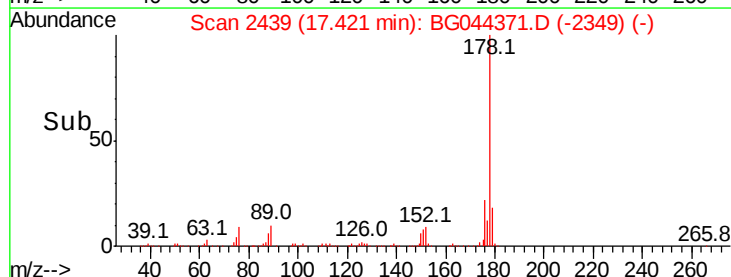
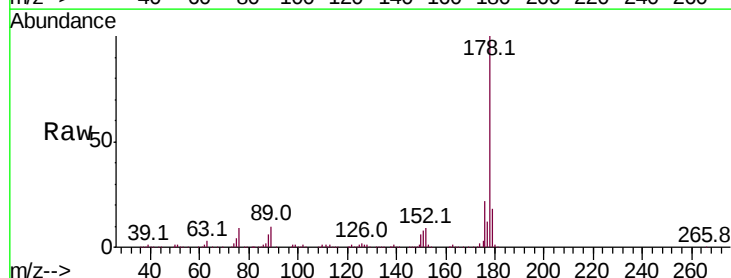
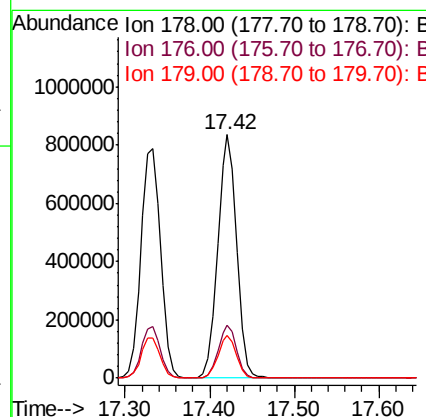
Manual Integrations
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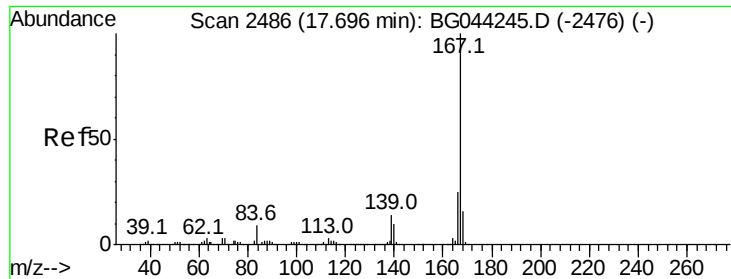
mohammad
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#72
Anthracene
Concen: 55.643 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:178 Resp: 1312767
Ion Ratio Lower Upper
178 100
176 21.9 17.0 25.4
179 17.8 14.4 21.6





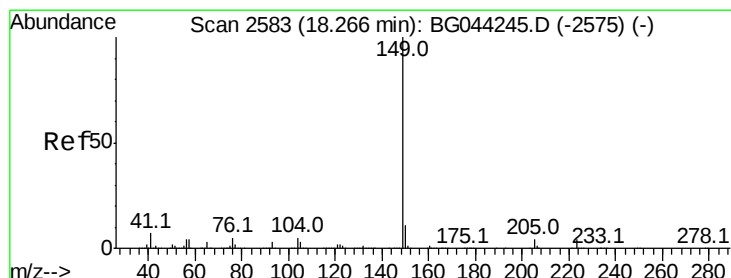
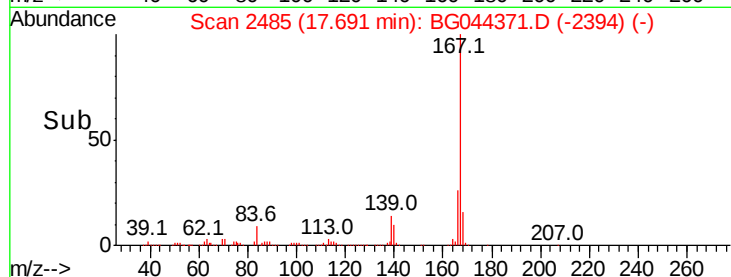
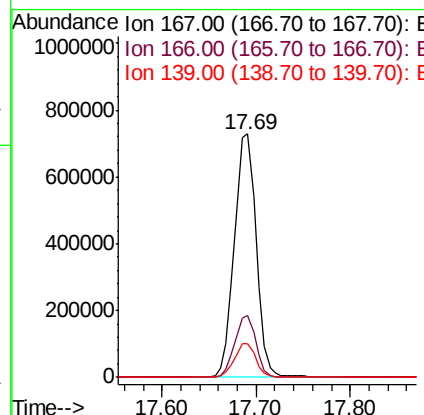
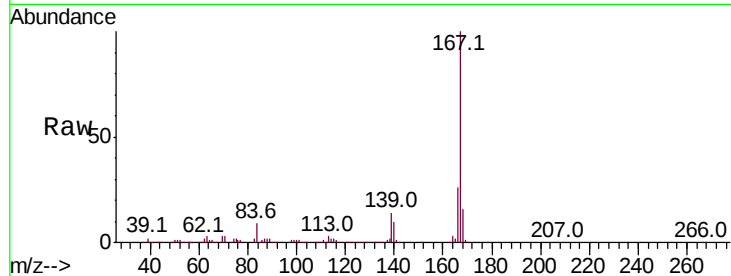
#73
 Carbazole
 Concen: 54.476 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.7	19.8	29.6
139	14.0	11.1	16.7

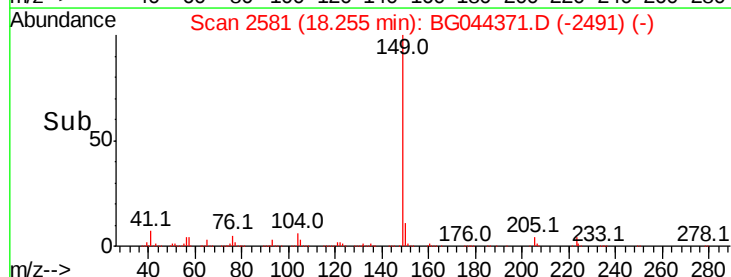
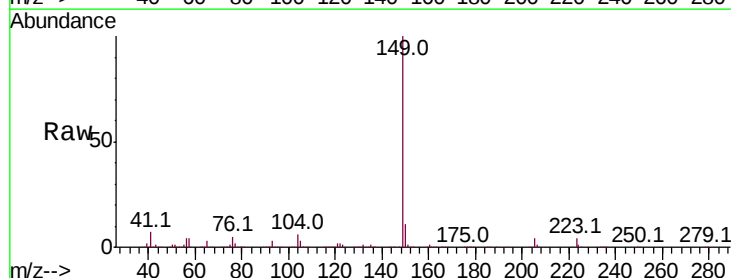
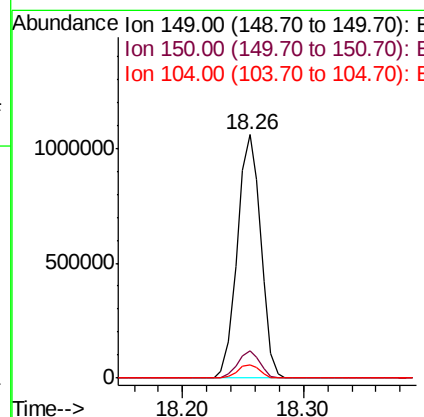
Manual Integrations
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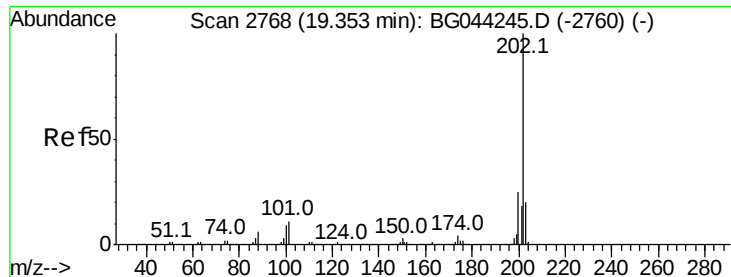
mohammad
 2/12/2020 9:49:52 AM



#74
 Di-n-butylphthalate
 Concen: 53.245 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.7	13.1
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 54.053 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

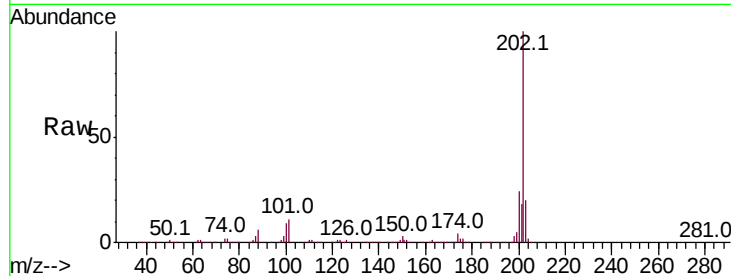
ClientSampleId :

PB126703BSD

Tot Ion:	202	Resp:	1492156
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.3
203	20.3	0.0	39.9

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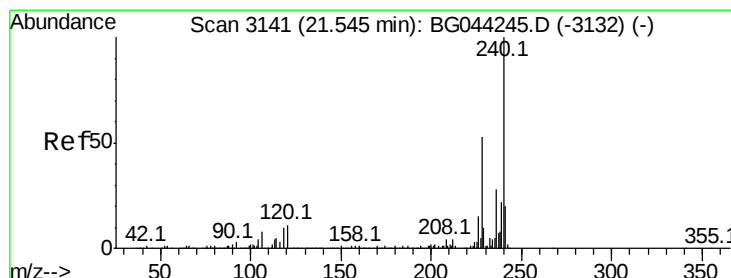
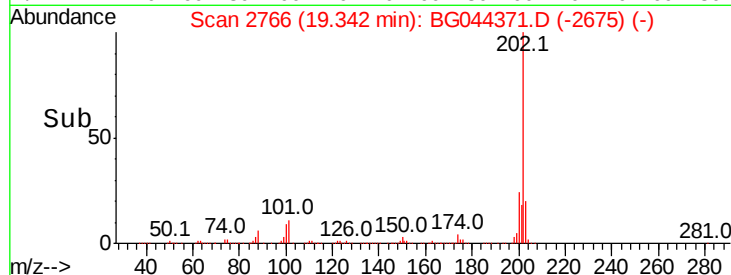
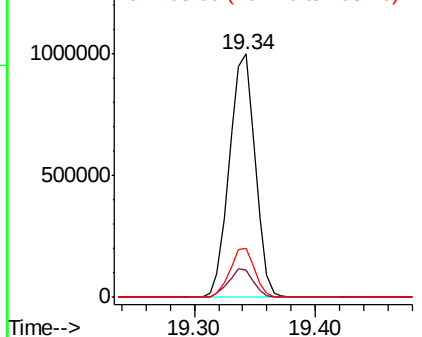
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044371.D

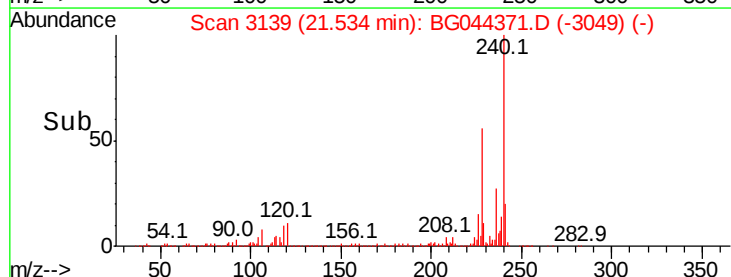
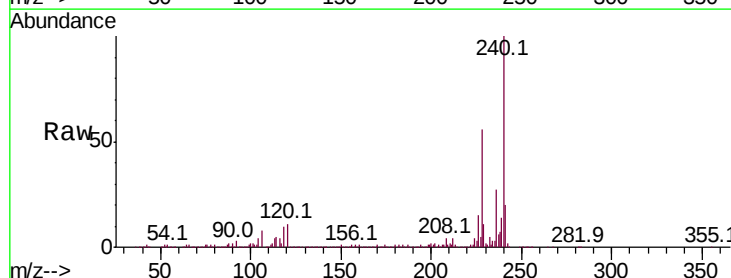
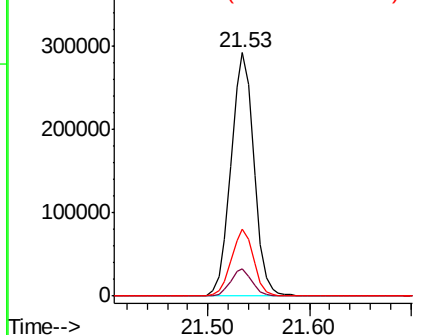
Acq: 11 Feb 2020 2:33

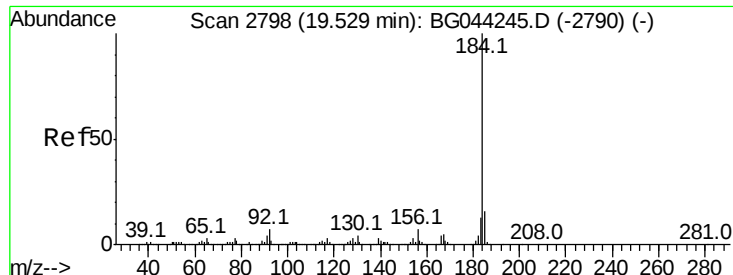
Tgt Ion:	240	Resp:	457244
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.4	12.6
236	27.3	22.1	33.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 65.157 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

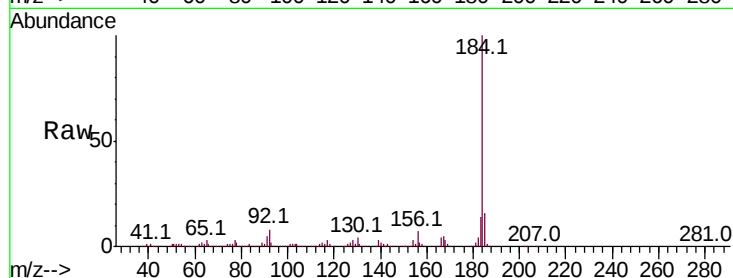
ClientSampleId :

PB126703BSD

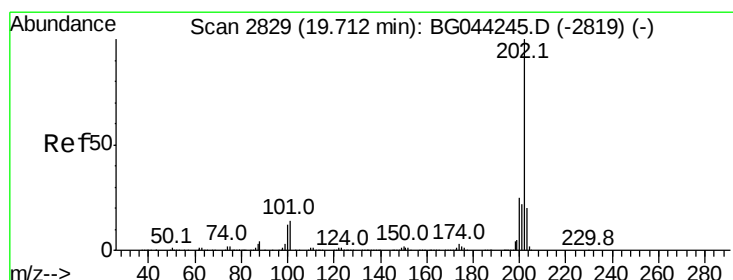
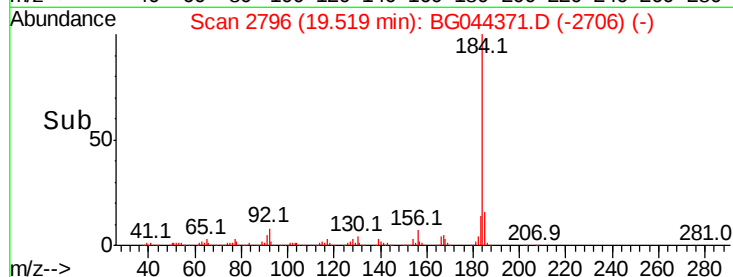
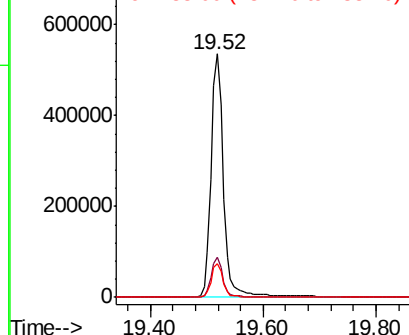
Tot Ion:	184	Resp:	826373
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.9	19.3
183	13.7	10.8	16.2

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



#78

Pyrene

Concen: 50.553 ng

RT: 19.70 min Scan# 2827

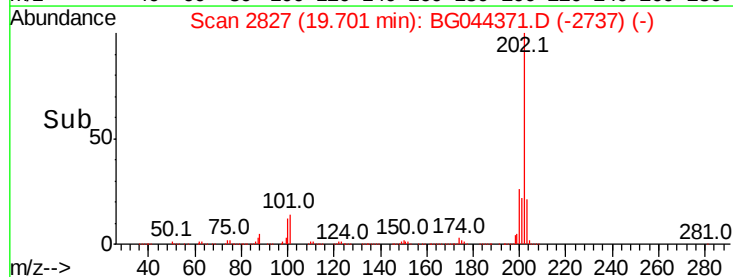
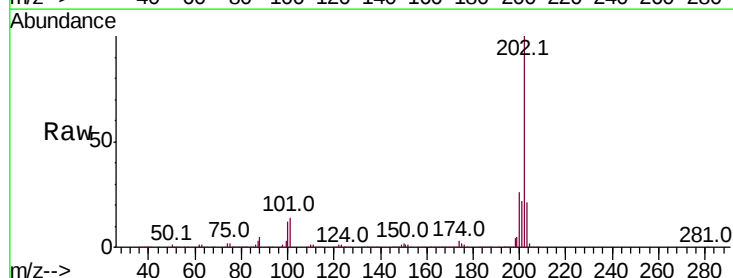
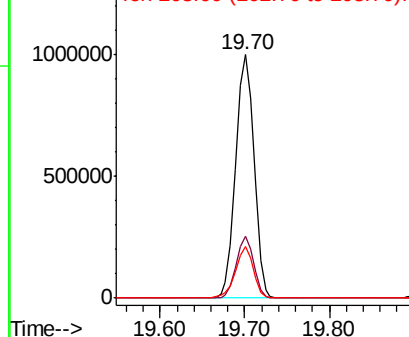
Delta R.T. -0.00 min

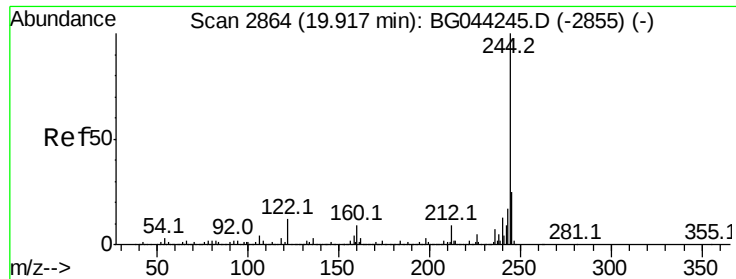
Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:	202	Resp:	1484467
Ion Ratio	Lower	Upper	
202	100		
200	25.7	20.0	30.0
203	21.0	16.2	24.2

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





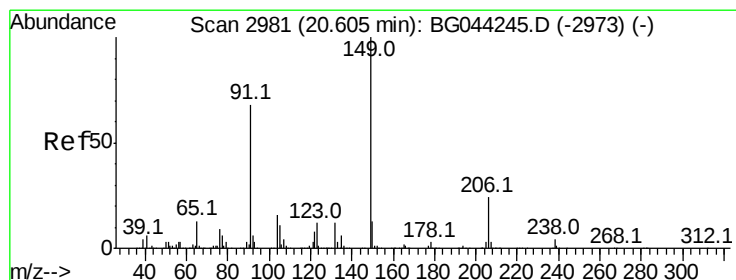
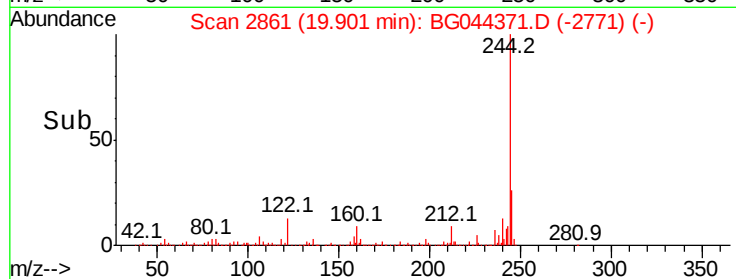
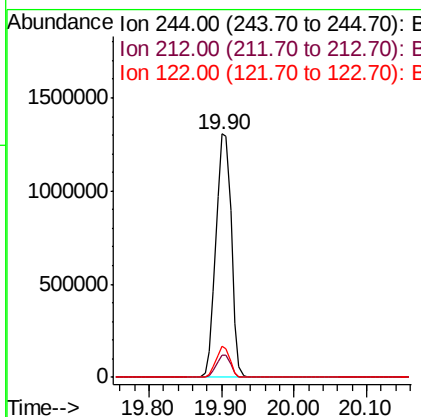
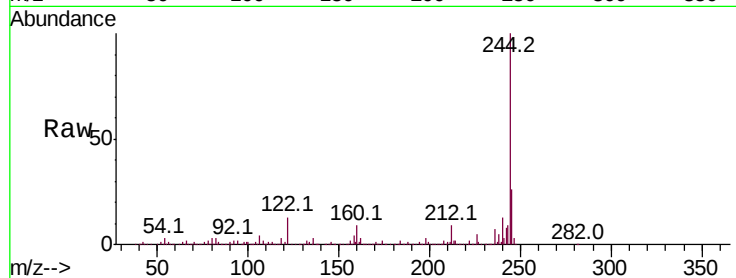
#79
 Terphenyl-d14
 Concen: 87.147 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.2
122	12.8	9.8	14.6

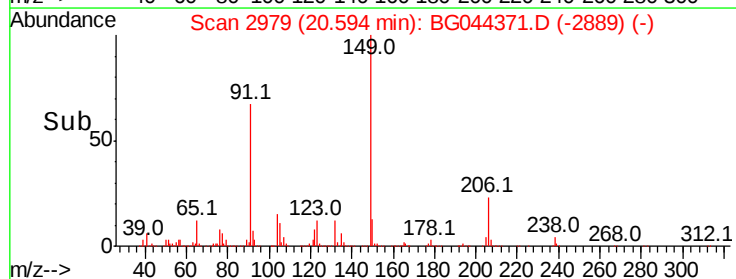
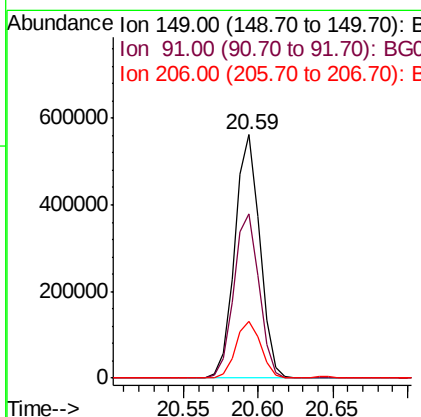
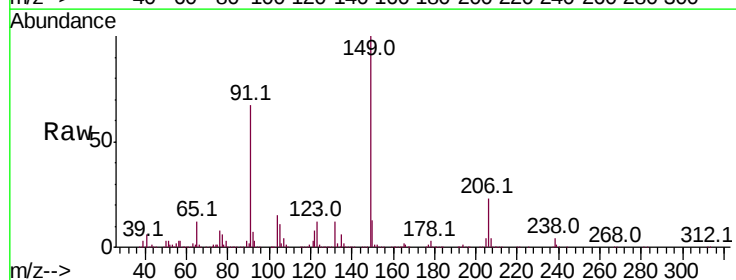
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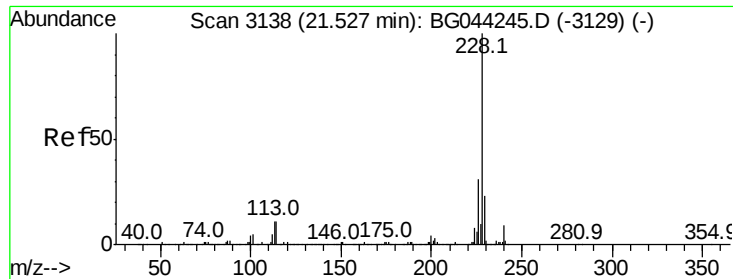
mohammad
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#80
 Butylbenzylphthalate
 Concen: 49.275 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044371.D
 Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	54.5	81.7
206	23.4	19.1	28.7





#81

Benzo(a)anthracene

Concen: 50.565 ng

RT: 21.52 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

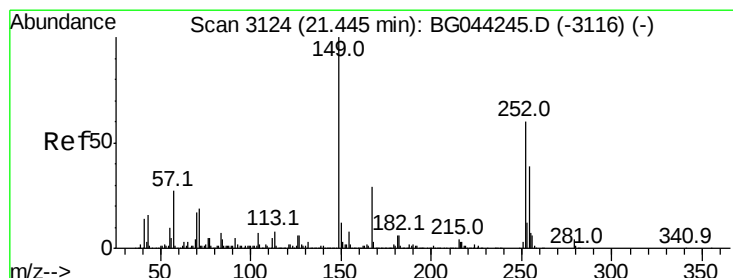
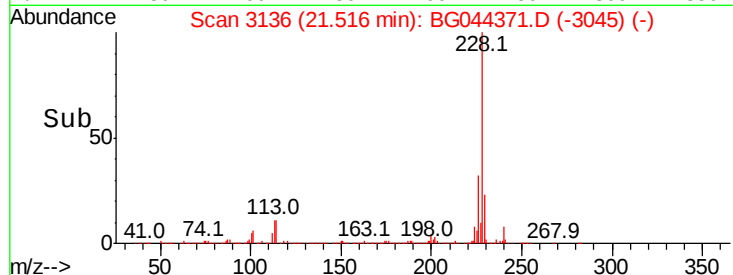
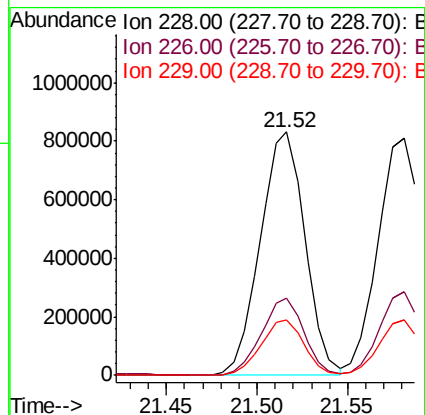
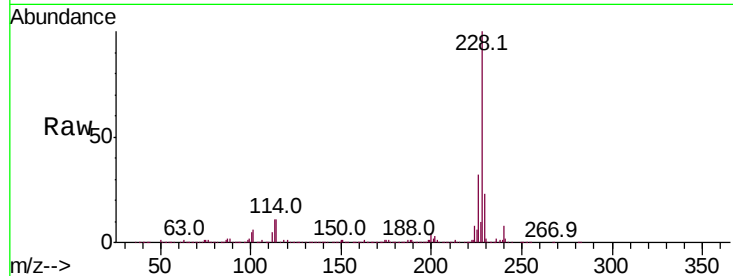
ClientSampleId :

PB126703BSD

Tot Ion:	228	Resp:	1424931
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	22.9	18.2	27.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.055 ng

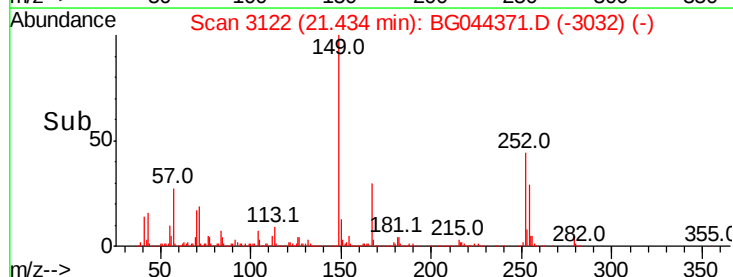
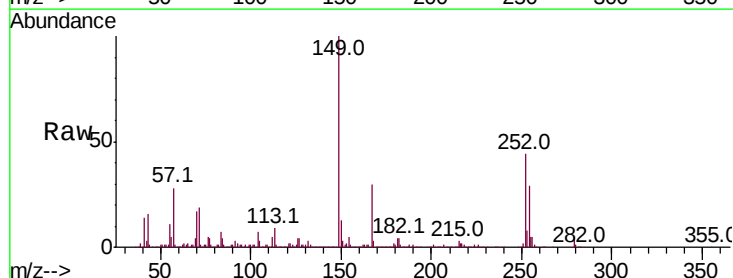
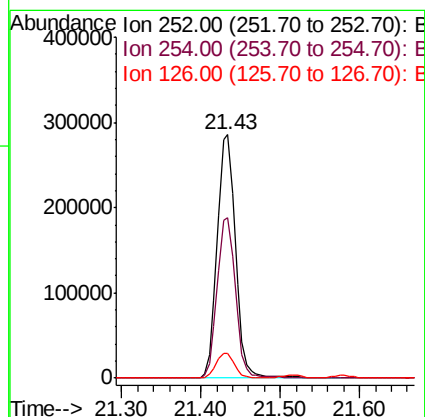
RT: 21.43 min Scan# 3122

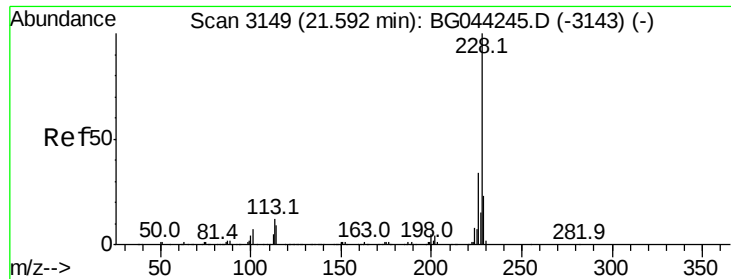
Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:	252	Resp:	459963
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	78.8
126	10.0	8.2	12.4





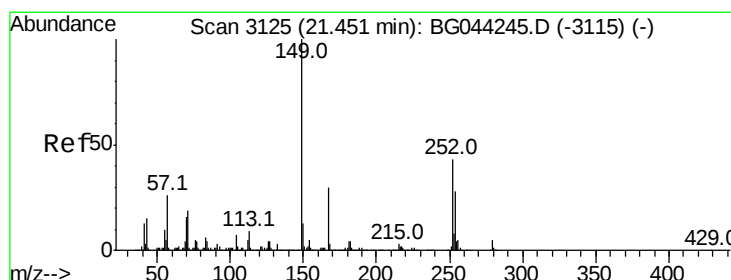
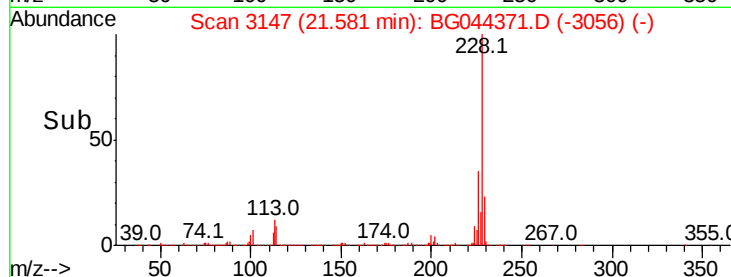
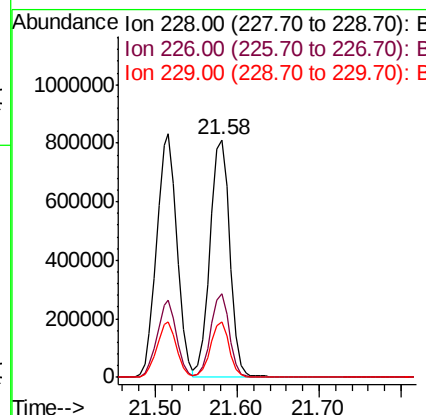
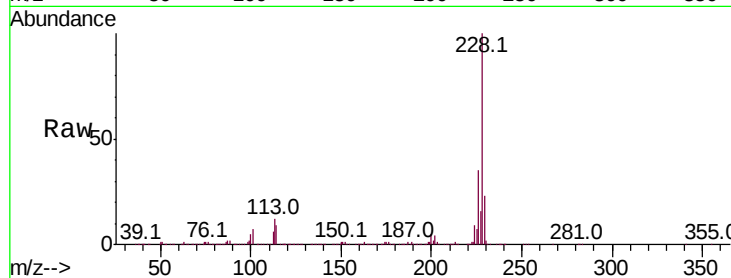
#83
Chrysene
Concen: 50.303 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion:228 Resp: 1370208
Ion Ratio Lower Upper
228 100
226 35.0 27.1 40.7
229 23.3 17.9 26.9

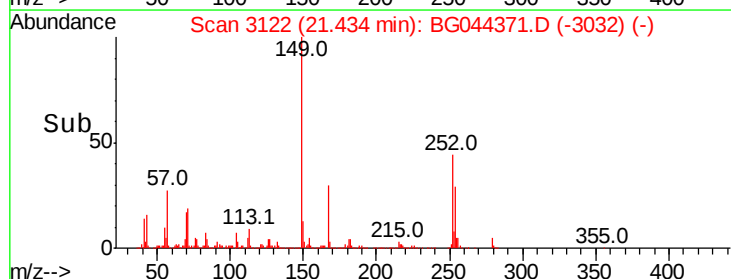
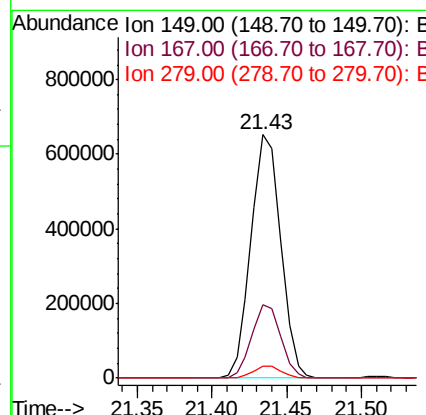
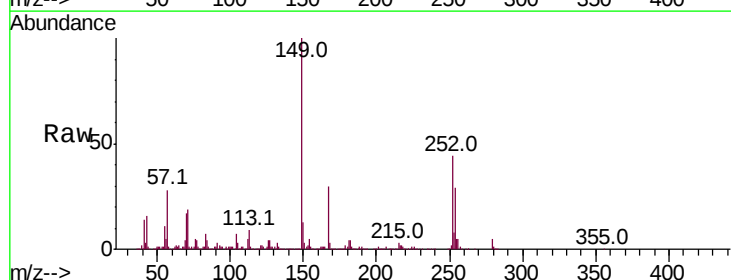
Manual Integrations
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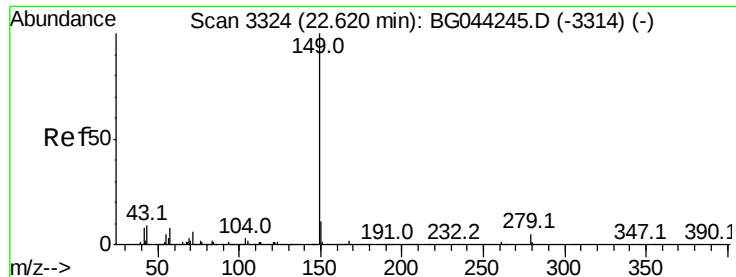
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.942 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion:149 Resp: 901451
Ion Ratio Lower Upper
149 100
167 30.3 24.0 36.0
279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 50.116 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

ClientSampleId :

PB126703BSD

Tot Ion:149 Resp: 1597121

Ion Ratio Lower Upper

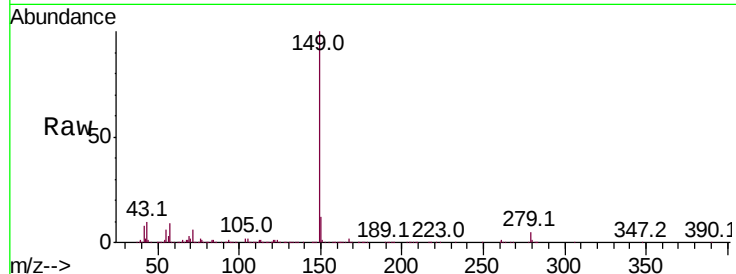
149 100

167 1.7 1.3 1.9

43 9.3 7.4 11.0

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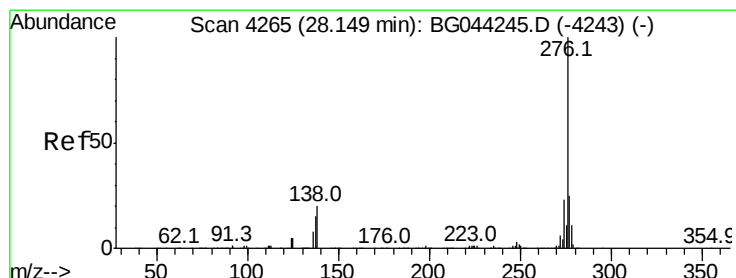
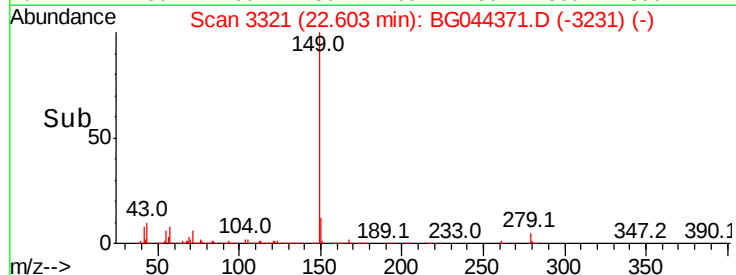
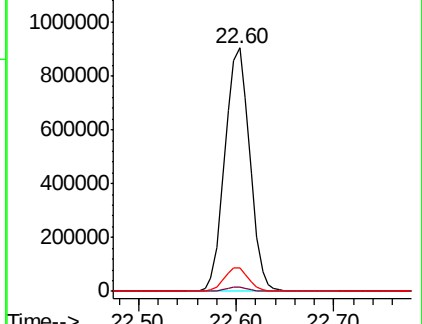
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.127 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

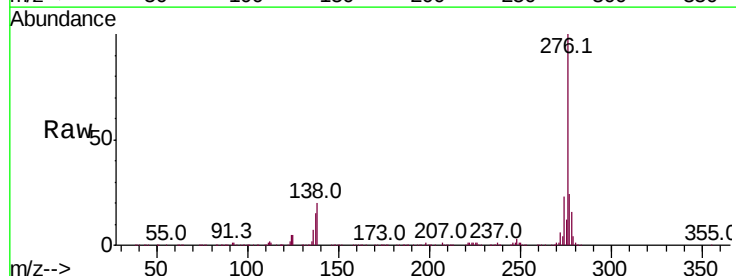
Tgt Ion:276 Resp: 1816901

Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

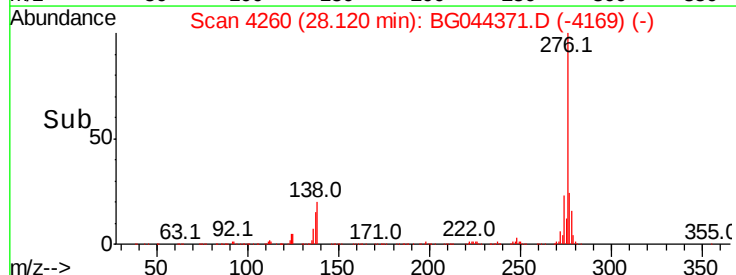
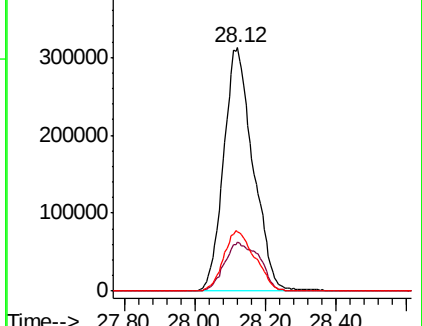
277 26.3 21.0 31.6

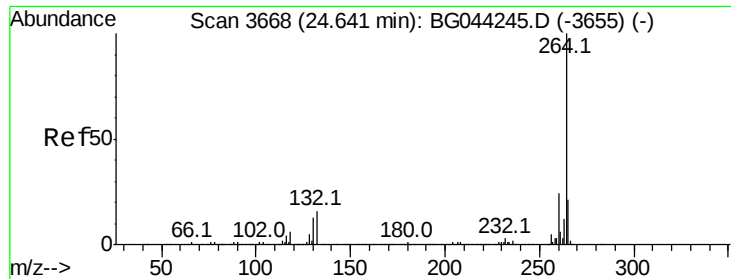


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Instrument :

BNA_G

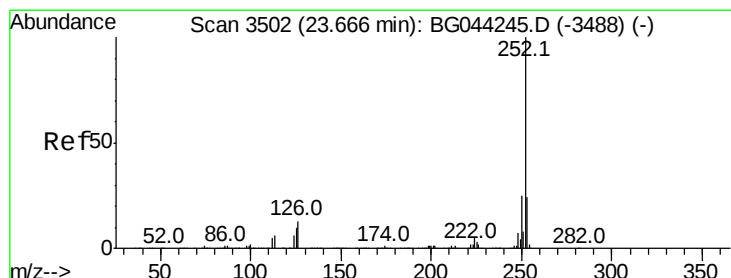
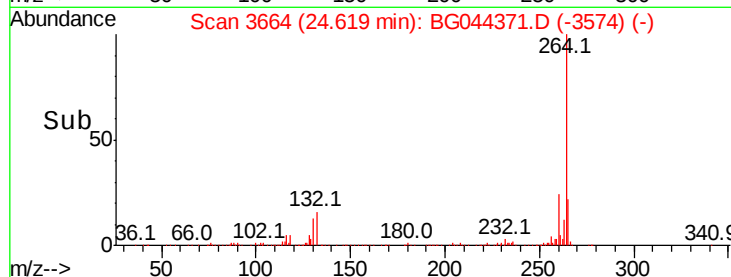
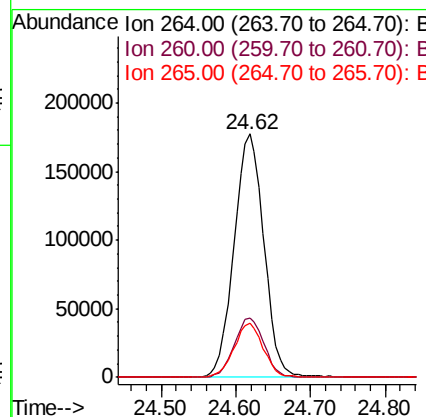
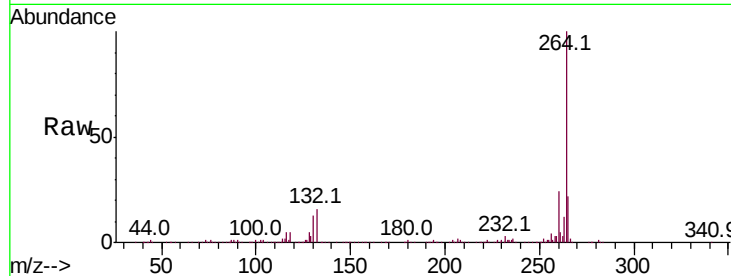
ClientSampleId :

PB126703BSD

Tot Ion:	264	Resp:	491190
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	22.5	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 54.511 ng

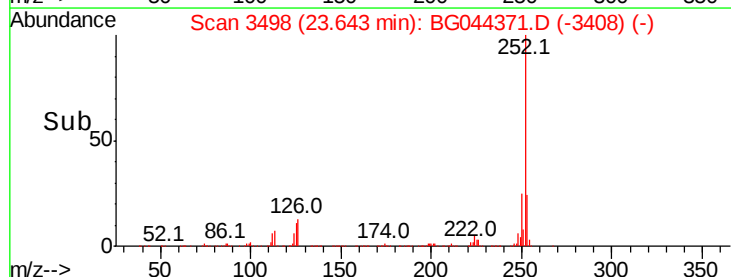
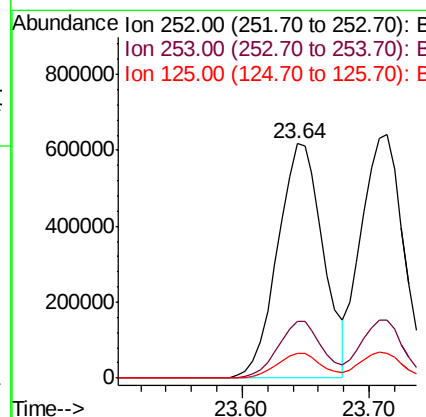
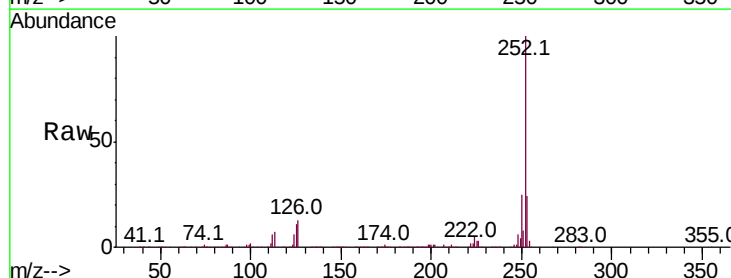
RT: 23.64 min Scan# 3498

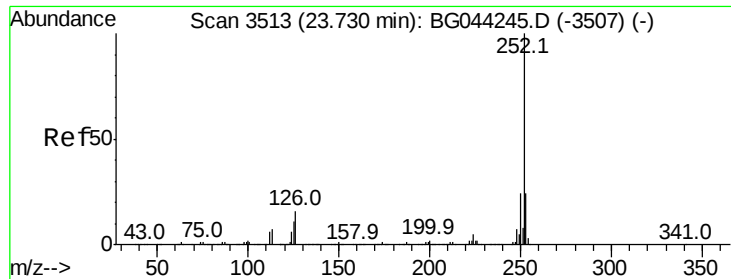
Delta R.T. -0.00 min

Lab File: BG044371.D

Acq: 11 Feb 2020 2:33

Tgt Ion:	252	Resp:	1542887
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.2	28.8
125	10.6	8.4	12.6





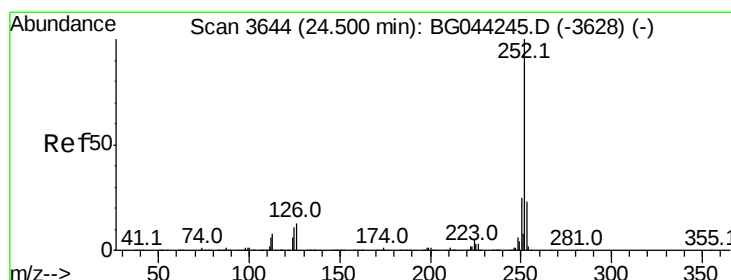
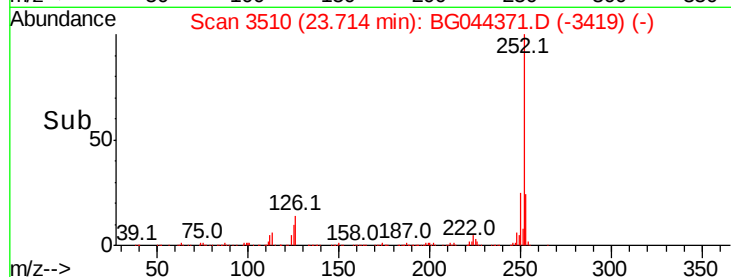
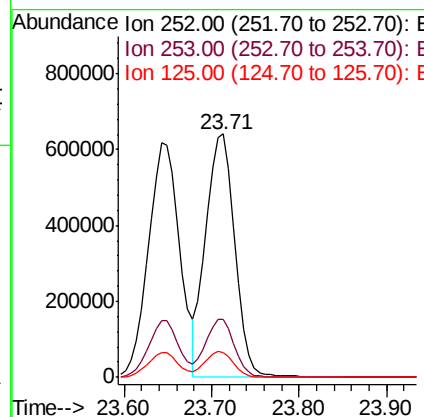
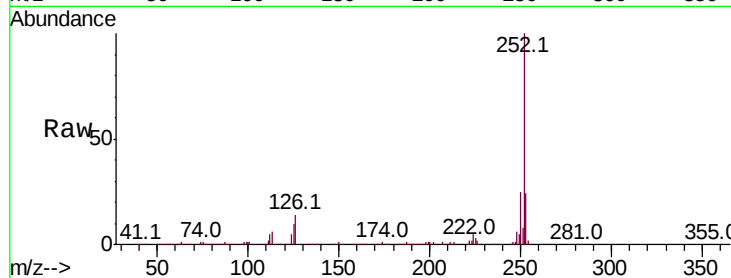
#89
Benzo(k)fluoranthene
Concen: 53.880 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	10.3	8.6	12.8

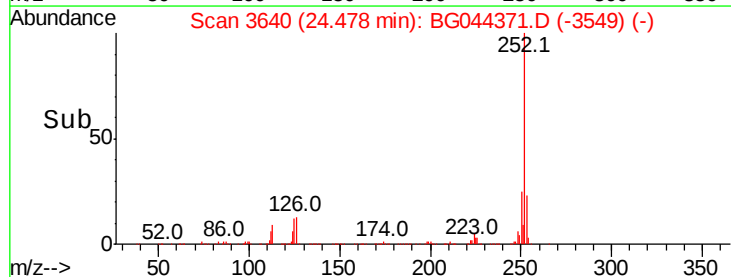
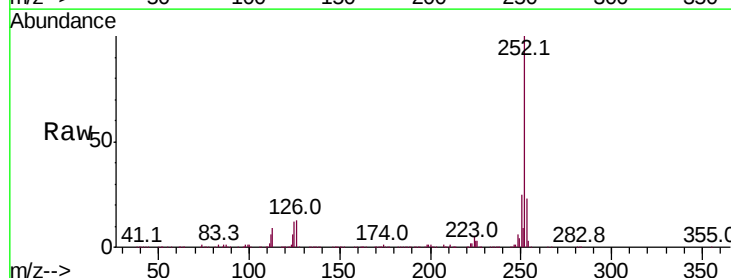
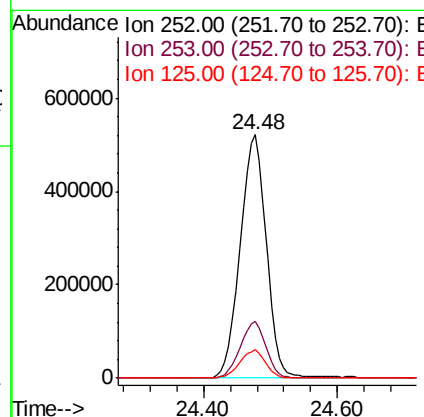
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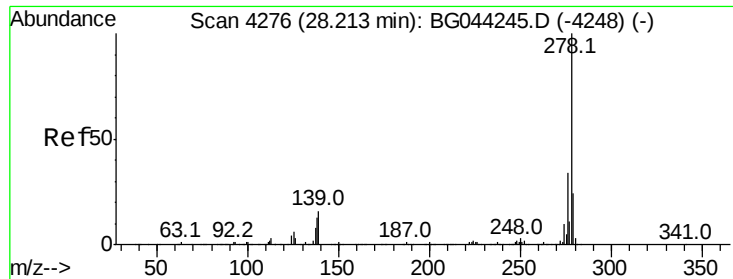
mohammad
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#90
Benzo(a)pyrene
Concen: 52.762 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.5	8.6	13.0





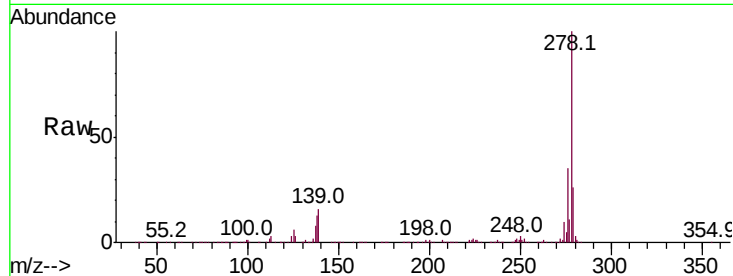
#91
Dibenzo(a,h)anthracene
Concen: 55.887 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

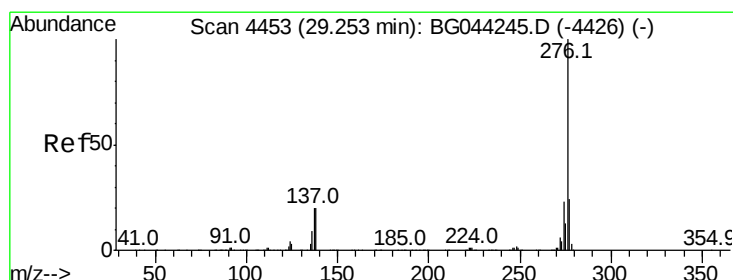
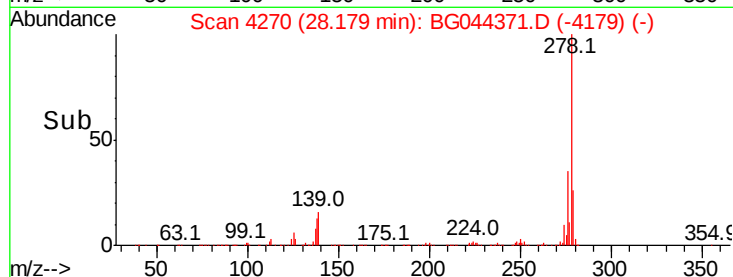
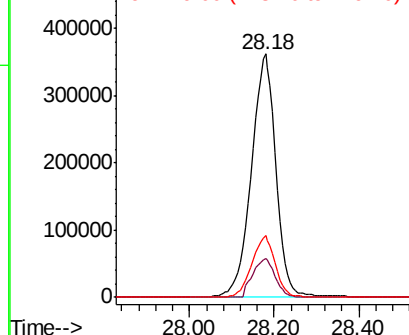
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	25.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/12/2020 9:49:52 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.258 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044371.D
Acq: 11 Feb 2020 2:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.7	16.2	24.2

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

