

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044334.D
 Acq On : 7 Feb 2020 13:02
 Operator : CG/JU
 Sample : PB126649BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Manual Integrations
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mohammad
 2/11/2020 8:25:51 AM

Quant Time: Feb 08 02:45:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	99718	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	409379	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	259283	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	541023	20.00	ng	0.00
76) Chrysene-d12	21.55	240	470281	20.00	ng	0.00
87) Perylene-d12	24.64	264	445250	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	710706	125.78	ng	0.00
7) Phenol-d6	7.09	99	919729	121.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	491124	67.73	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	343013	112.69	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1096420	70.81	ng	0.00
79) Terphenyl-d14	19.91	244	1551207	67.85	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	93226	36.723 ng	99
3) Pyridine	3.77	79	212306	31.390 ng	98
4) n-Nitrosodimethylamine	3.69	42	111401	39.416 ng	99
6) Aniline	7.24	93	296787	31.513 ng	100
8) 2-Chlorophenol	7.49	128	280177	45.119 ng	99
9) Benzaldehyde	7.05	77	106840	24.724 ng	99
10) Phenol	7.12	94	339025	45.149 ng	99
11) bis(2-Chloroethyl)ether	7.34	93	257953	40.181 ng	99
12) 1,3-Dichlorobenzene	7.81	146	288724	38.942 ng	97
13) 1,4-Dichlorobenzene	7.95	146	291163	39.650 ng	98
14) 1,2-Dichlorobenzene	8.27	146	277278	39.948 ng	99
15) Benzyl Alcohol	8.16	79	230160	42.847 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	333251	38.353 ng	99
17) 2-Methylphenol	8.37	107	237880	44.401 ng	98
18) Hexachloroethane	9.00	117	107718	39.090 ng	100
19) n-Nitroso-di-n-propylamine	8.73	70	196766	38.912 ng	98
20) 3+4-Methylphenols	8.69	107	327232	44.319 ng	99
22) Acetophenone	8.74	105	380753	38.232 ng	99
24) Nitrobenzene	9.11	77	283686	40.074 ng	98
25) Isophorone	9.64	82	545450	40.358 ng	99
26) 2-Nitrophenol	9.82	139	160401	43.668 ng	99
27) 2,4-Dimethylphenol	9.90	122	263692	50.855 ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	349867	38.805 ng	99
29) 2,4-Dichlorophenol	10.37	162	272837	43.517 ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	278105	38.684 ng	99
31) Naphthalene	10.76	128	807341	40.648 ng	100
32) Benzoic acid	10.05	122	133322	41.682 ng	95
33) 4-Chloroaniline	10.87	127	189205	20.945 ng	99
34) Hexachlorobutadiene	11.06	225	164024	37.079 ng	99
35) Caprolactam	11.64	113	95512m	41.586 ng	
36) 4-Chloro-3-methylphenol	12.01	107	278489	42.365 ng	99
37) 2-Methylnaphthalene	12.37	142	600873	40.746 ng	99
38) 1-Methylnaphthalene	12.60	142	563828	40.554 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	292883	37.762 ng	99

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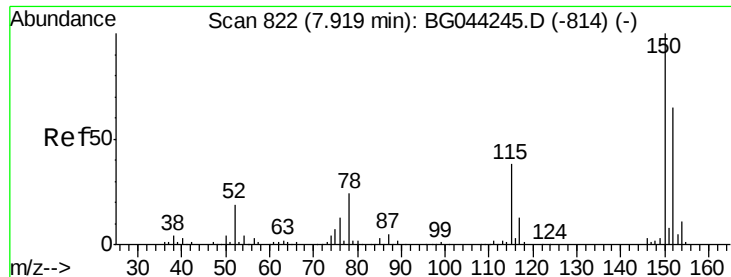
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	307147	82.532	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	211005	42.089	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	225745	44.086	ng	99
46) 1,1'-Biphenyl	13.39	154	745843	39.880	ng	100
47) 2-Chloronaphthalene	13.43	162	582298	39.127	ng	100
48) 2-Nitroaniline	13.63	65	166778	37.972	ng	98
49) Acenaphthylene	14.27	152	911075	41.738	ng	100
50) Dimethylphthalate	14.01	163	737644	39.577	ng	99
51) 2,6-Dinitrotoluene	14.13	165	169722	40.841	ng	98
52) Acenaphthene	14.62	154	555286	39.247	ng	97
53) 3-Nitroaniline	14.45	138	117840	25.631	ng	98
54) 2,4-Dinitrophenol	14.66	184	203093	82.241	ng	98
55) Dibenzofuran	14.95	168	862578	40.267	ng	100
56) 4-Nitrophenol	14.78	139	309531	91.910	ng	97
57) 2,4-Dinitrotoluene	14.91	165	232111	39.851	ng	97
58) Fluorene	15.60	166	674875	39.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	197061	42.606	ng	99
60) Diethylphthalate	15.38	149	724218	38.996	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	356552	38.975	ng	97
62) 4-Nitroaniline	15.62	138	162341	35.337	ng	99
63) Azobenzene	15.89	77	651538	40.029	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	144690	48.449	ng	99
66) n-Nitrosodiphenylamine	15.81	169	629928	41.547	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	232300	39.410	ng	98
68) Hexachlorobenzene	16.61	284	253833	38.438	ng	98
69) Atrazine	16.76	200	233905	45.010	ng	98
70) Pentachlorophenol	16.95	266	292676	87.344	ng	98
71) Phenanthrene	17.34	178	1061484	40.517	ng	100
72) Anthracene	17.43	178	1089235	42.054	ng	99
73) Carbazole	17.70	167	984966	41.250	ng	100
74) Di-n-butylphthalate	18.27	149	1216757	41.236	ng	99
75) Fluoranthene	19.35	202	1254421	41.391	ng	99
77) Benzidine	19.53	184	319821	24.518	ng	98
78) Pyrene	19.71	202	1252139	41.459	ng	98
80) Butylbenzylphthalate	20.61	149	555838	40.386	ng	98
81) Benzo(a)anthracene	21.53	228	1191726	41.117	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	407218	36.201	ng	99
83) Chrysene	21.59	228	1138781	40.648	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	777913	41.064	ng	99
85) Di-n-octyl phthalate	22.62	149	1374614	41.938	ng	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1453415	39.765	ng	99
88) Benzo(b)fluoranthene	23.67	252	1258187	49.039	ng	99
89) Benzo(k)fluoranthene	23.73	252	1252443	50.086	ng	100
90) Benzo(a)pyrene	24.50	252	1158034	47.738	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1205729	50.223	ng	98
92) Benzo(g,h,i)perylene	29.25	276	1222746	50.877	ng	98

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



#1

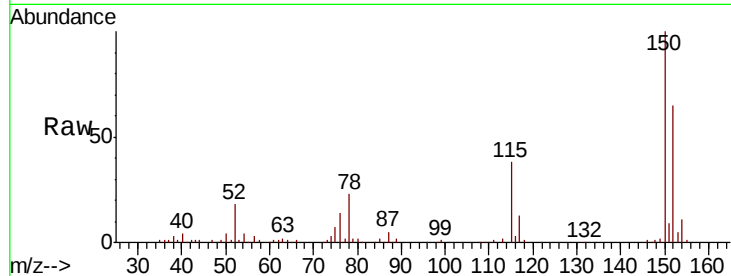
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.6	183.8
115	58.7	46.0	69.0

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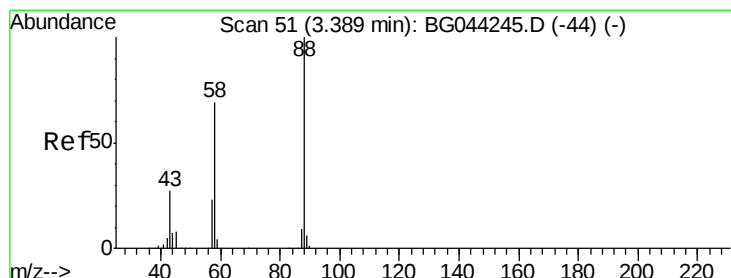
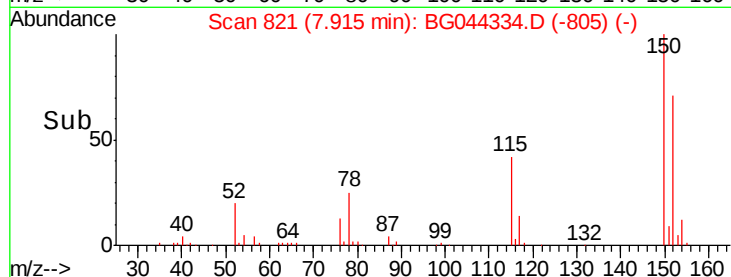
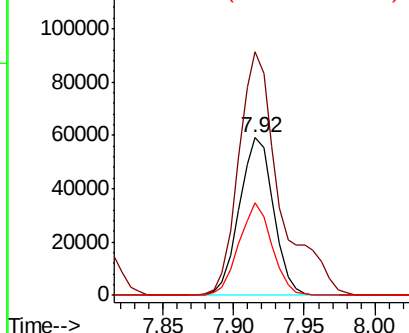


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

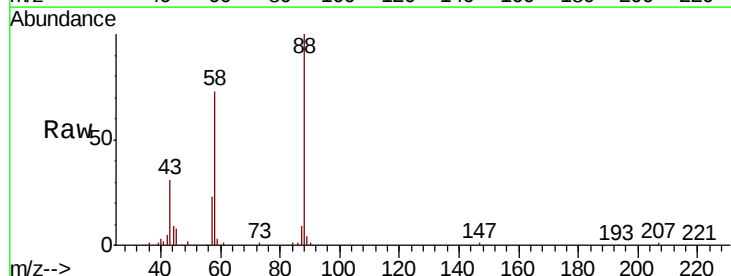
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.723 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	55.8	83.6
43	26.5	21.6	32.4

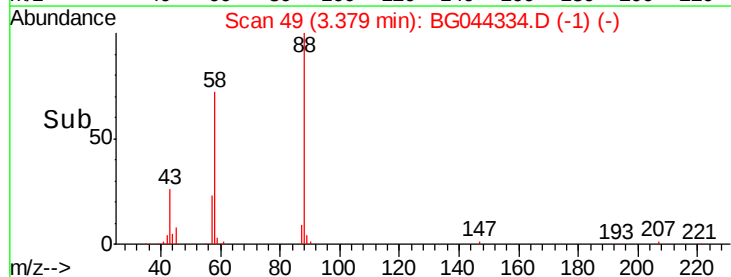
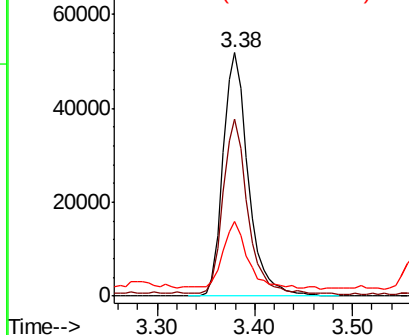


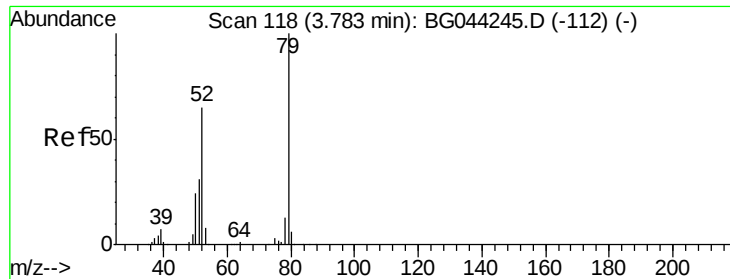
Abundance

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: 31.390 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

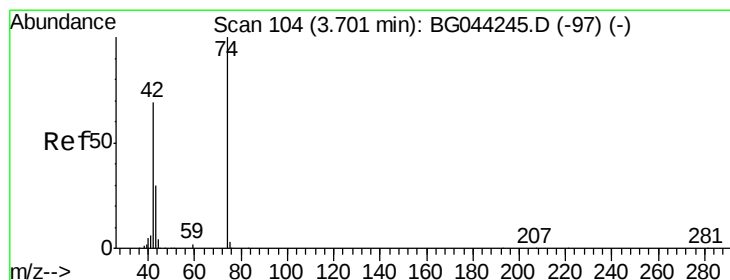
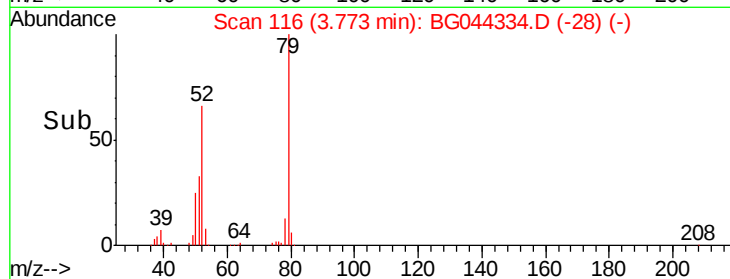
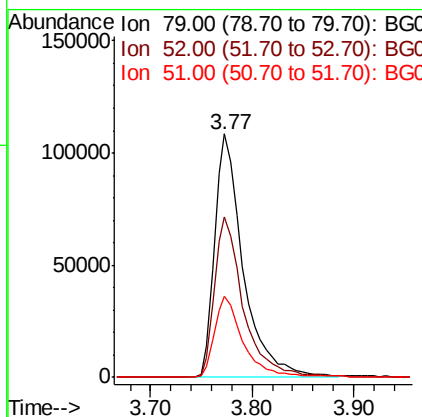
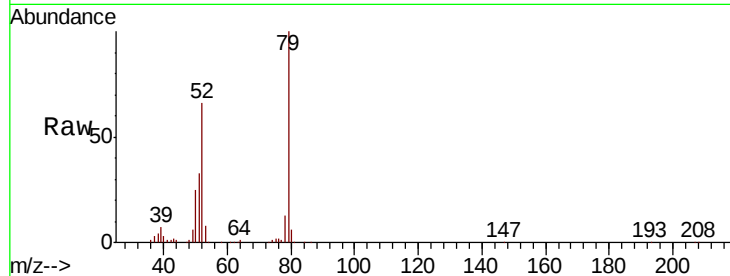
ClientSampleId :

PB126649BS

Tot Ion:	79	Resp:	212306
Ion Ratio	Lower	Upper	
79	100		
52	66.0	51.9	77.9
51	33.1	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 39.416 ng

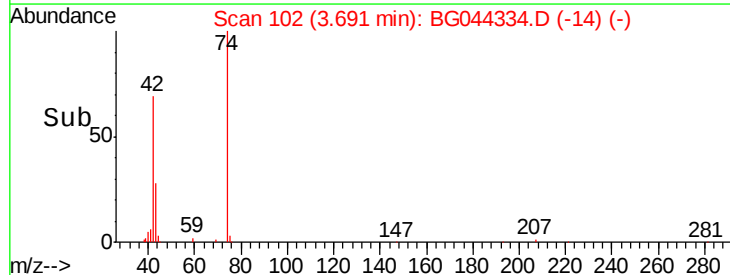
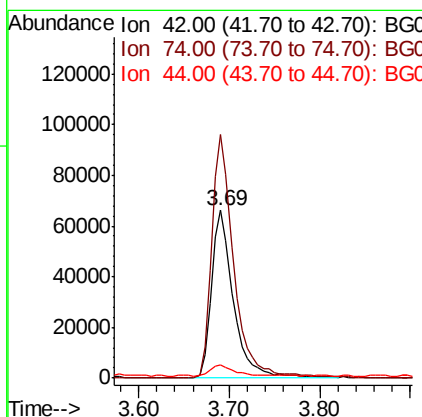
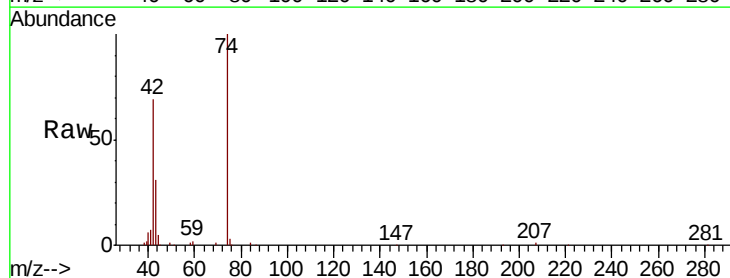
RT: 3.69 min Scan# 102

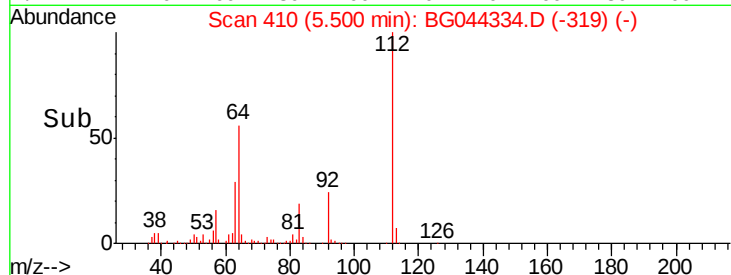
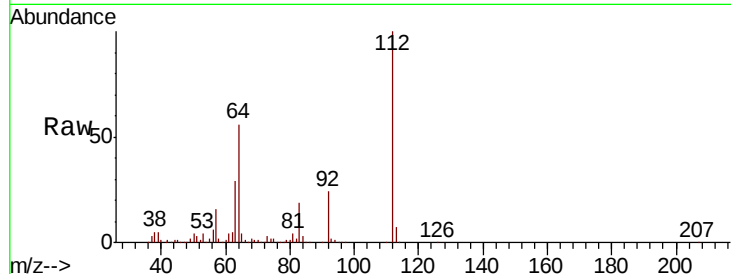
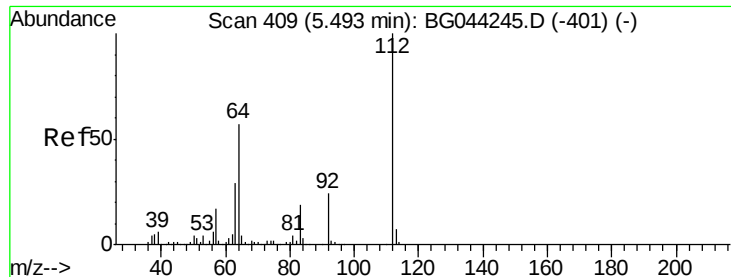
Delta R.T. -0.01 min

Lab File: BG044334.D

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Tgt Ion:	42	Resp:	111401
Ion Ratio	Lower	Upper	
42	100		
74	145.2	115.1	172.7
44	7.8	5.6	8.4





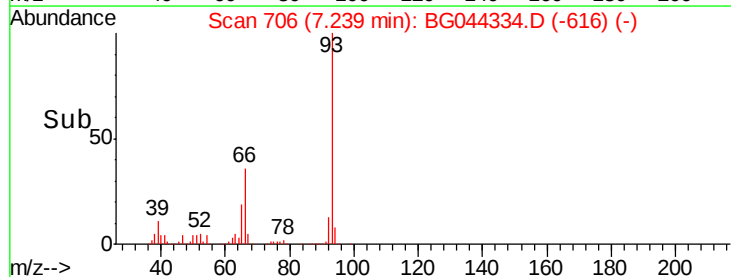
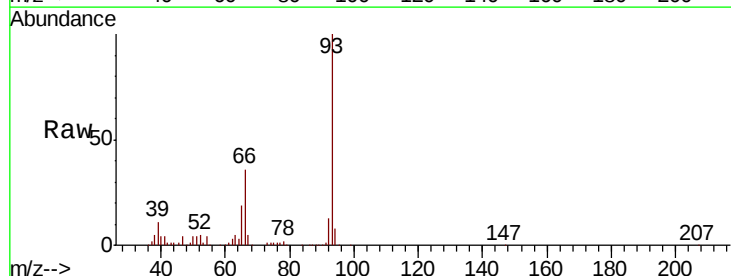
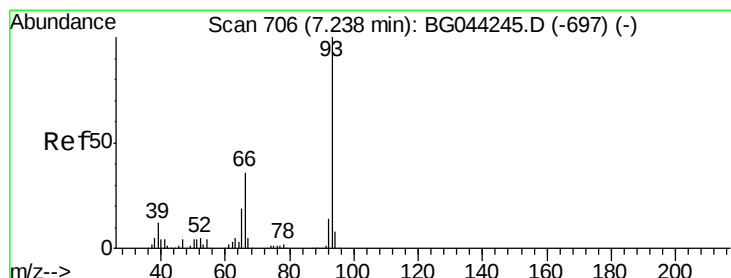
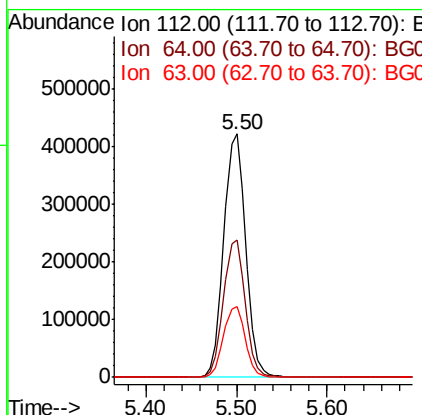
#5
2-Fluorophenol
Concen: 125.783 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.01 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	710706		
64	56.2		45.4	68.2
63	29.3		22.9	34.3

Instrument :
BNA_G
ClientSampled :
PB126649BS

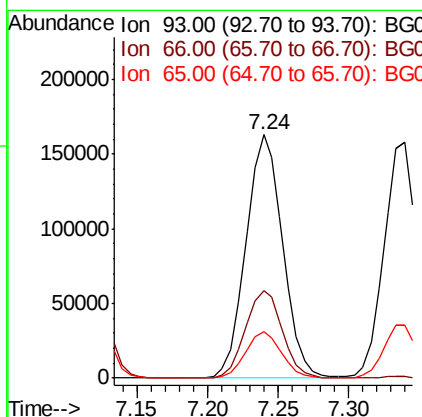
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#6
Aniline
Concen: 31.513 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296787		
66	35.7		28.7	43.1
65	19.2		15.4	23.0





#7

Phenol-d6

Concen: 121.217 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

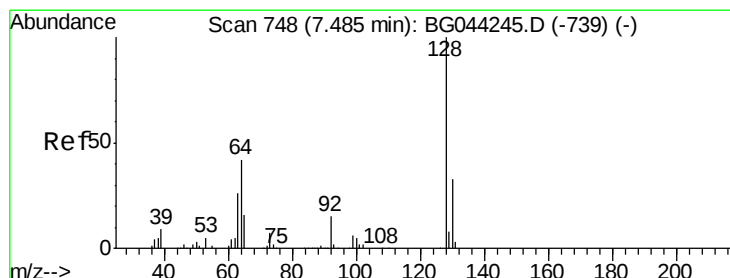
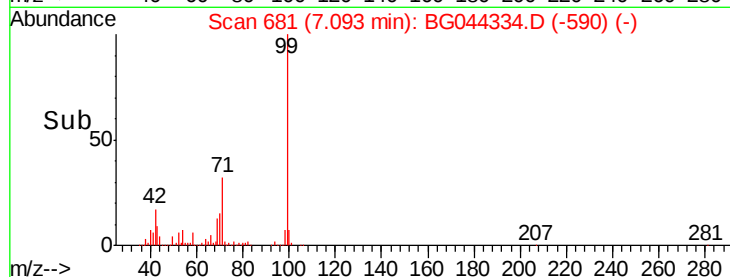
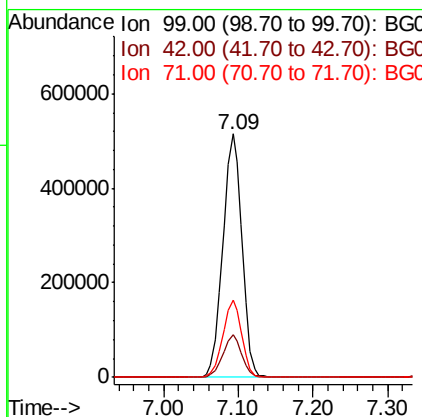
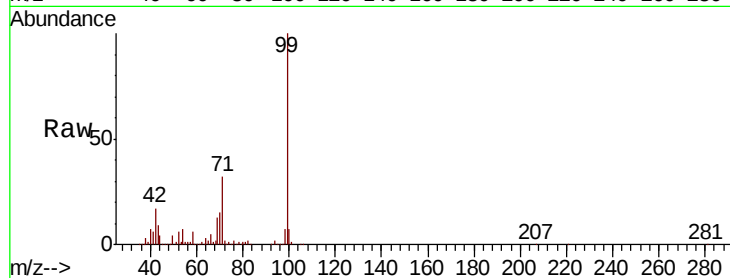
ClientSampleId :

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Tot Ion:	99	Resp:	919729
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.8	20.6
71	32.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 45.119 ng

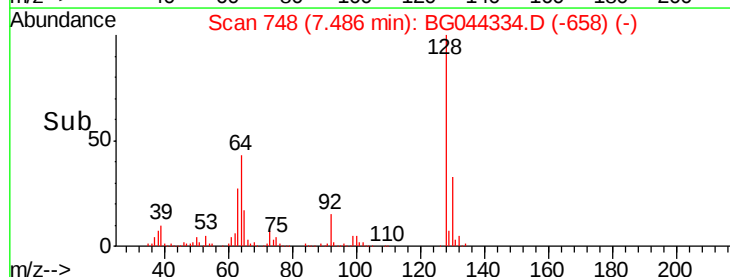
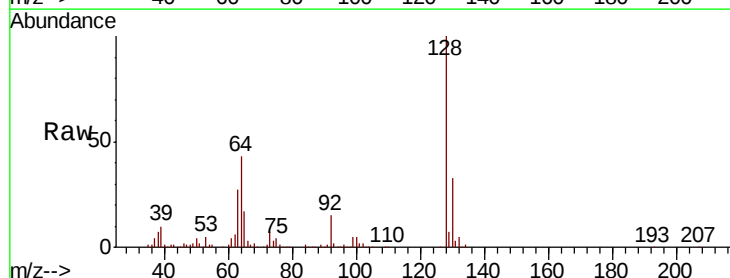
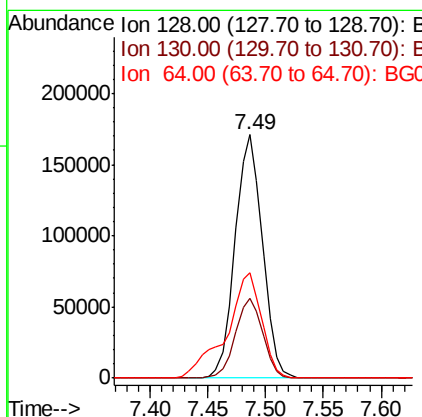
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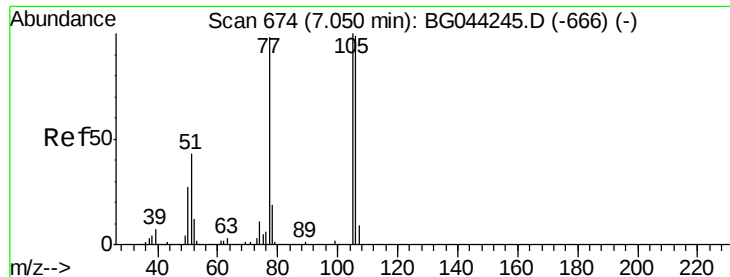
Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Tgt Ion:	128	Resp:	280177
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	43.4	24.2	64.2





#9

Benzaldehyde

Concen: 24.724 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

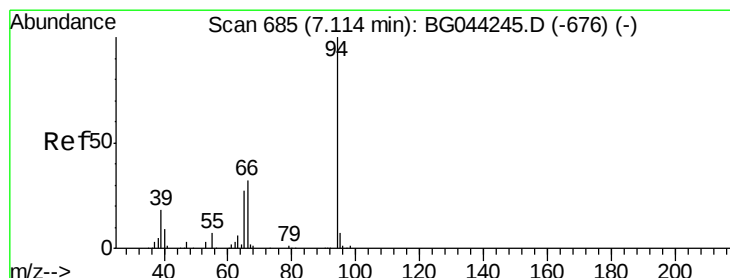
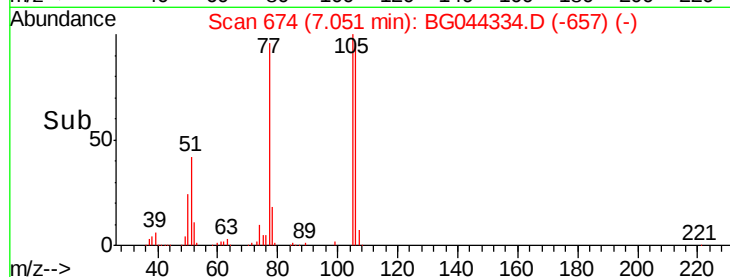
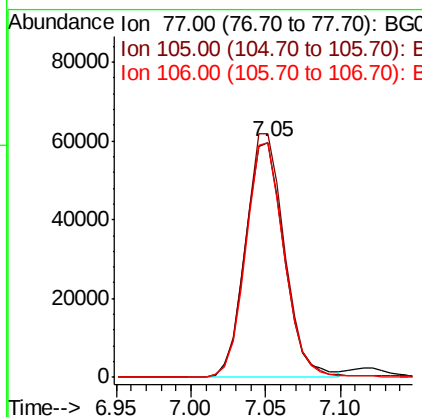
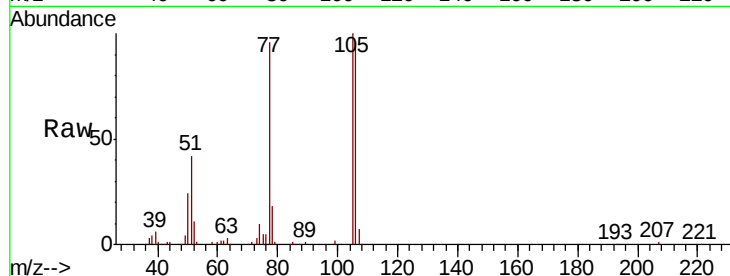
ClientSampleId :

PB126649BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.7	82.0	122.0		
106	100.0	80.7	120.7		

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#10

Phenol

Concen: 45.149 ng

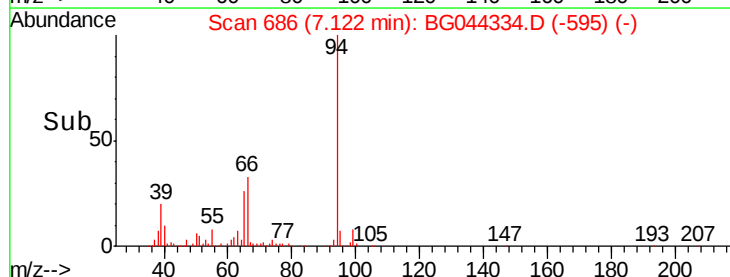
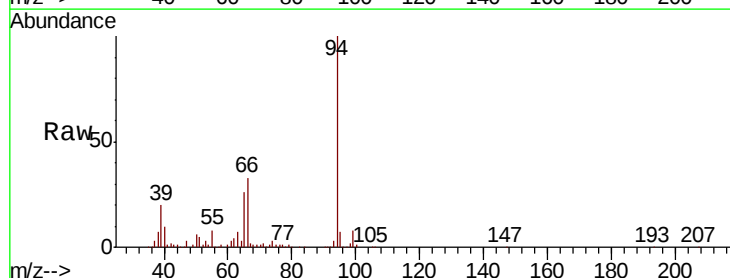
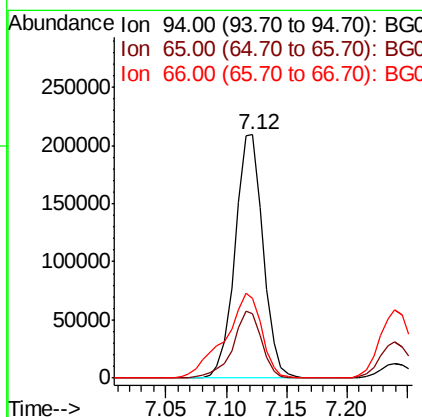
RT: 7.12 min Scan# 686

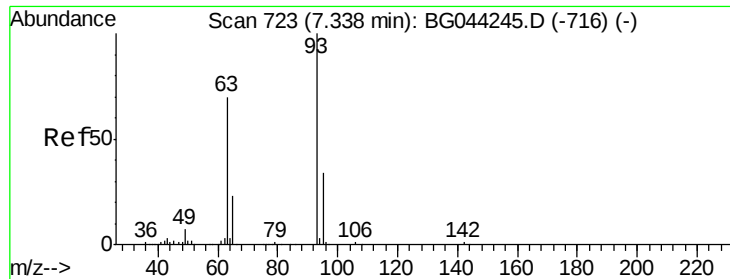
Delta R.T. 0.01 min

Lab File: BG044334.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.5	7.0	47.0		
66	33.0	12.7	52.7		





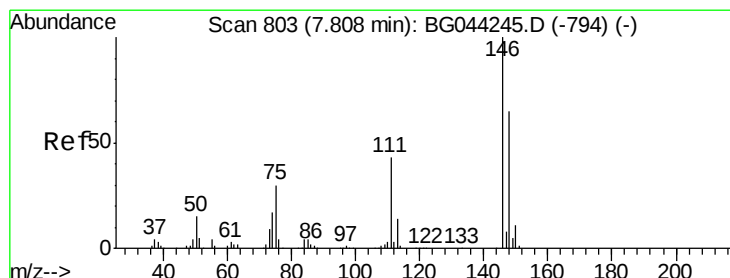
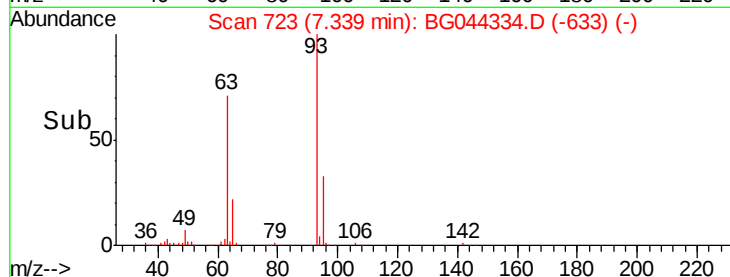
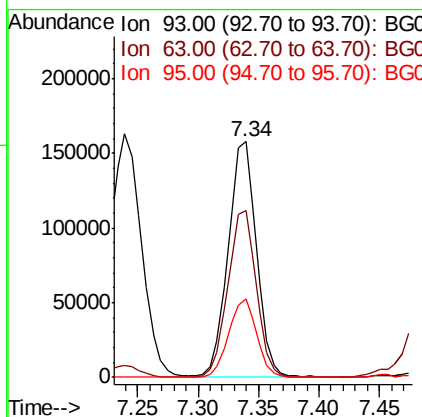
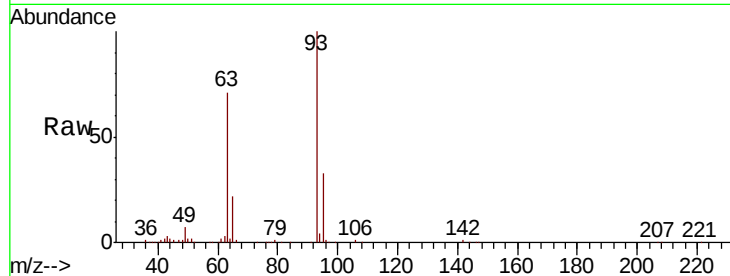
#11
 bis(2-Chloroethyl)ether
 Concen: 40.181 ng
 RT: 7.34 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion:	93	Resp:	257953
Ion	Ratio	Lower	Upper
93	100		
63	70.6	49.2	89.2
95	33.3	13.6	53.6

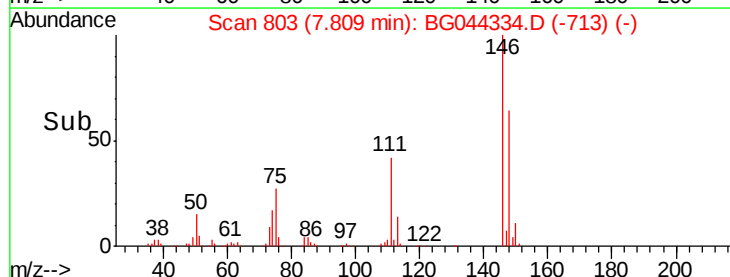
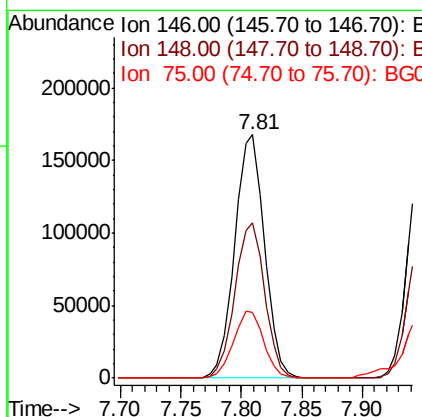
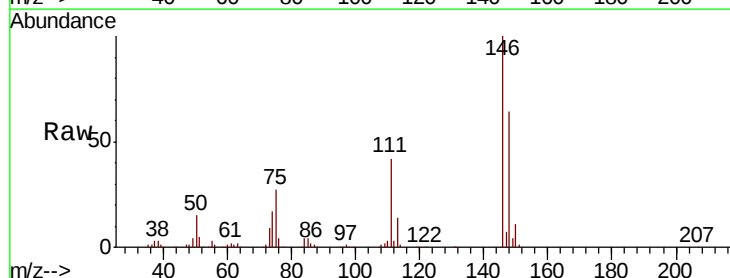
Manual Integrations
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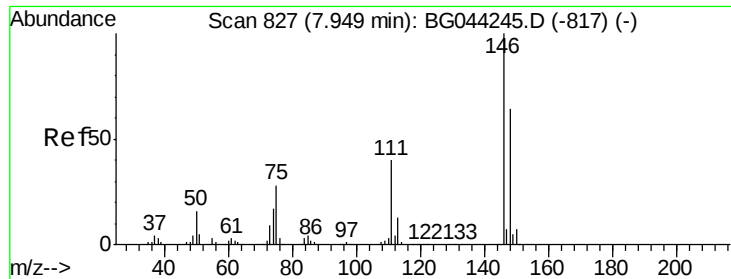
mohammad
 2/11/2020 8:25:51 AM



#12
 1,3-Dichlorobenzene
 Concen: 38.942 ng
 RT: 7.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion:	146	Resp:	288724
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	26.8	23.7	35.5





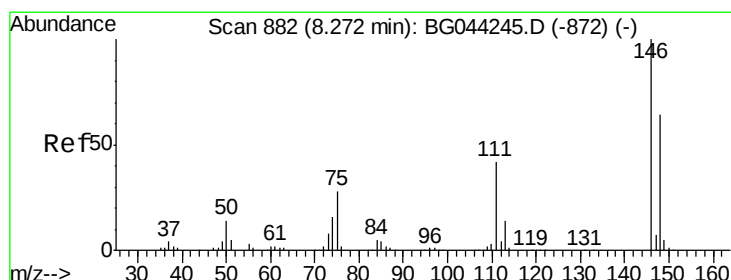
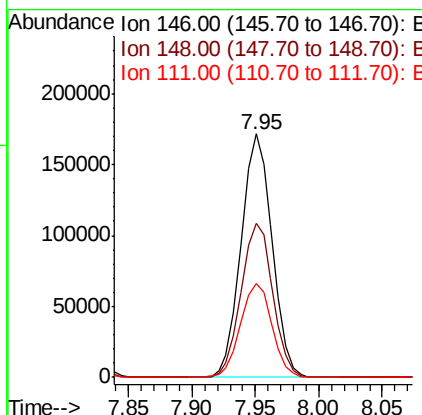
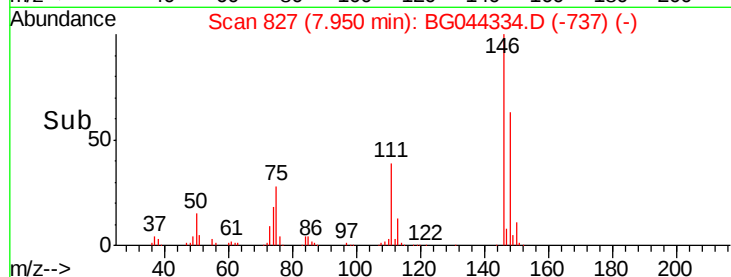
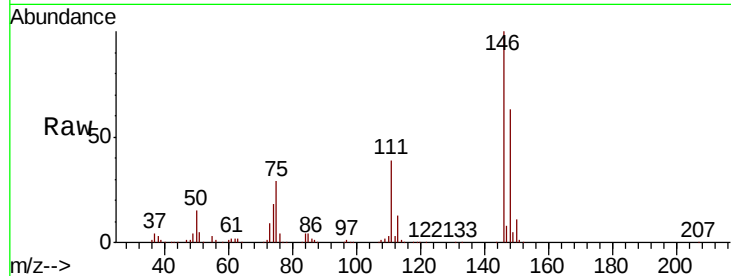
#13
1,4-Dichlorobenzene
Concen: 39.650 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
111	38.8	31.8	47.8

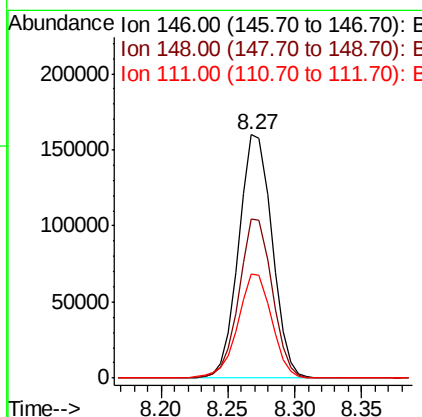
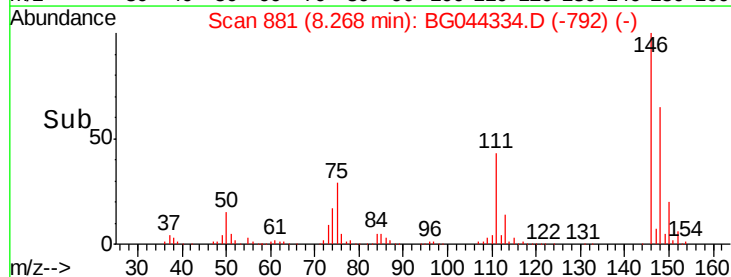
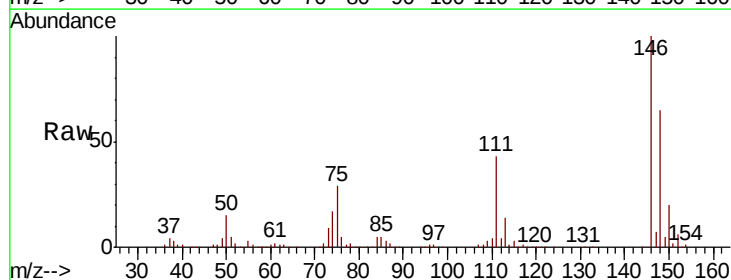
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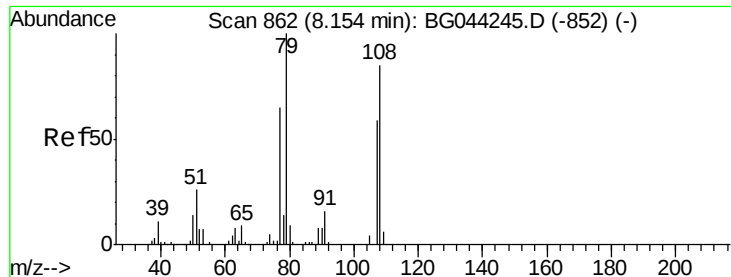
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.948 ng
RT: 8.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	42.8	34.0	51.0





#15

Benzyl Alcohol

Concen: 42.847 ng

RT: 8.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

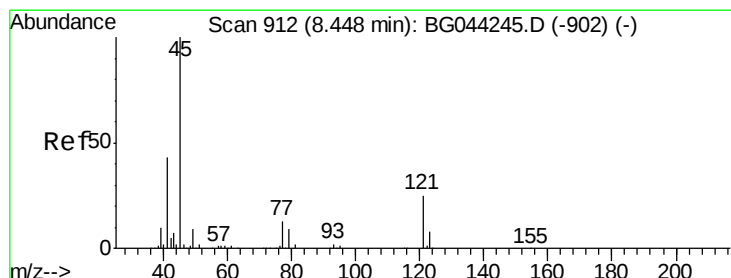
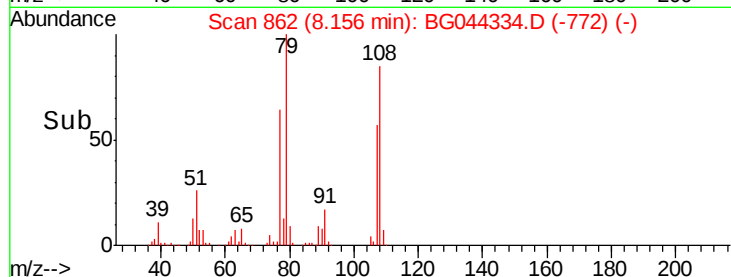
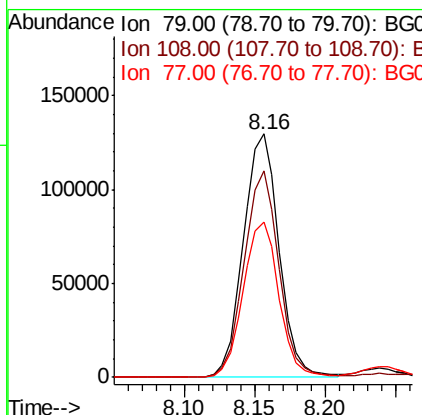
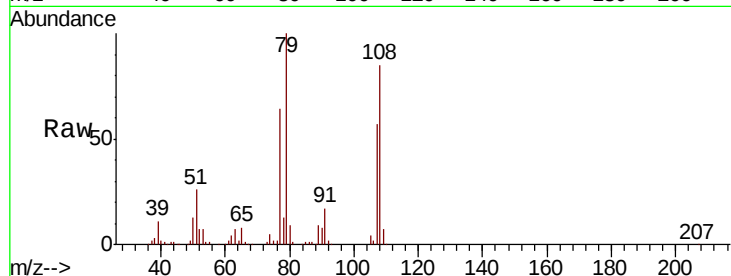
ClientSampleId :

PB126649BS

Tot Ion:	79	Resp:	230160
Ion Ratio	Lower	Upper	
79	100		
108	84.7	68.3	102.5
77	63.8	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.353 ng

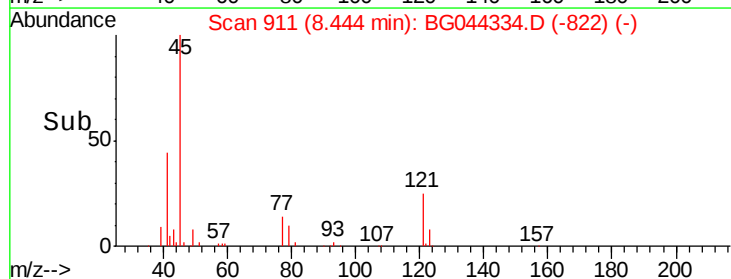
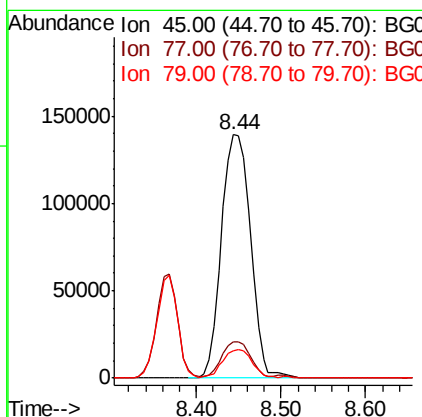
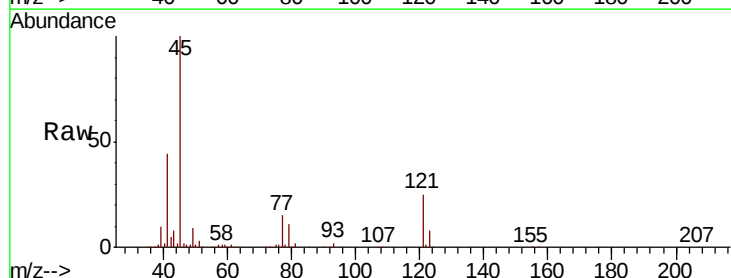
RT: 8.44 min Scan# 911

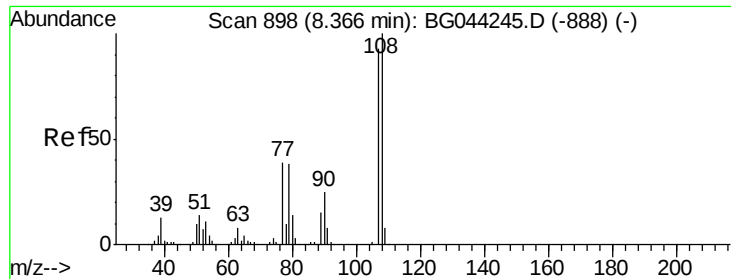
Delta R.T. -0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Tgt Ion:	45	Resp:	333251
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	11.3	0.0	31.1





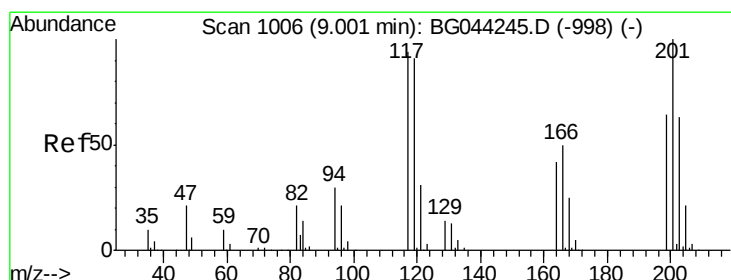
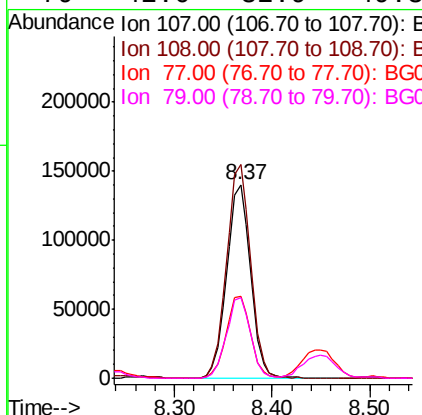
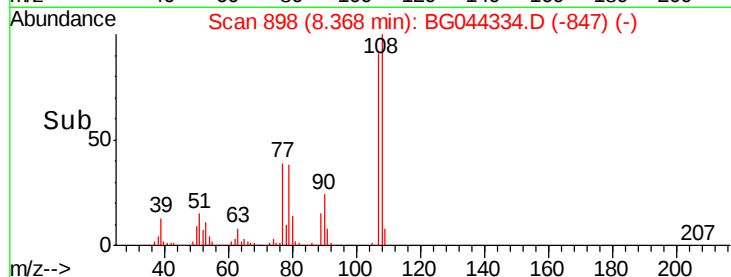
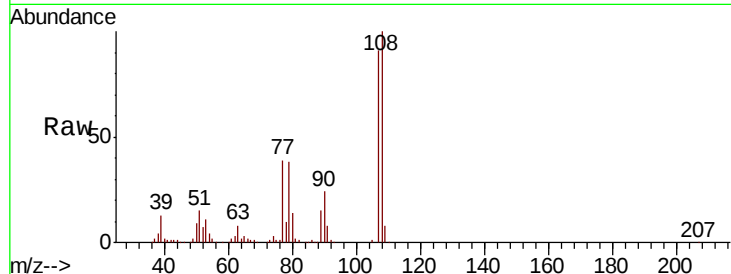
#17
2-Methylphenol
Concen: 44.401 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	86.4	129.6	
77	42.5	34.0	51.0	
79	42.0	32.9	49.3	

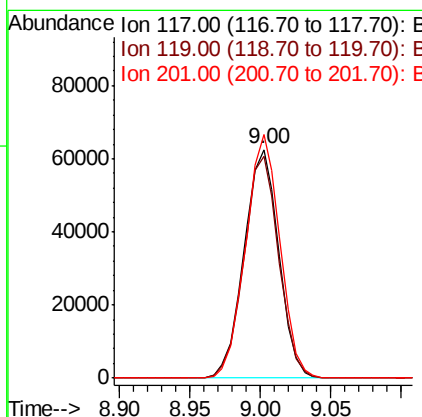
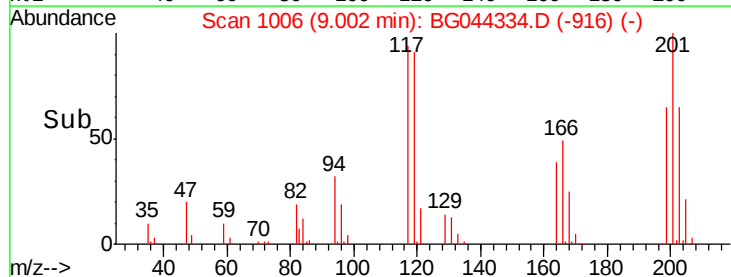
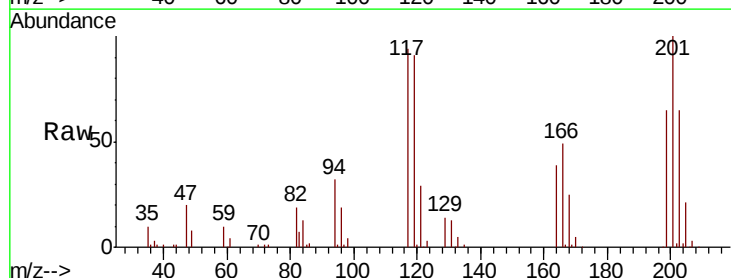
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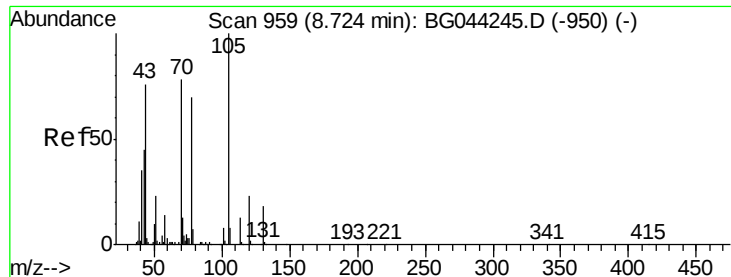
mohammad
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#18
Hexachloroethane
Concen: 39.090 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.5	116.3	
201	106.5	84.9	127.3	





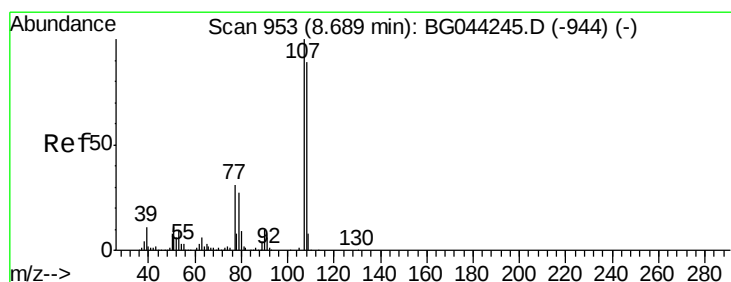
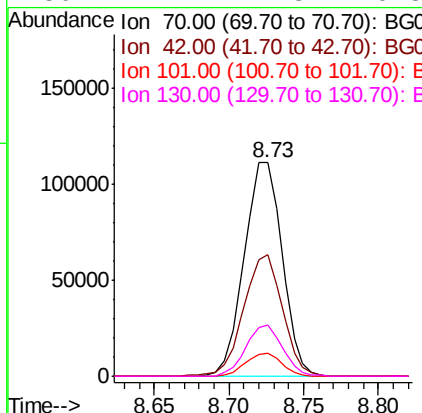
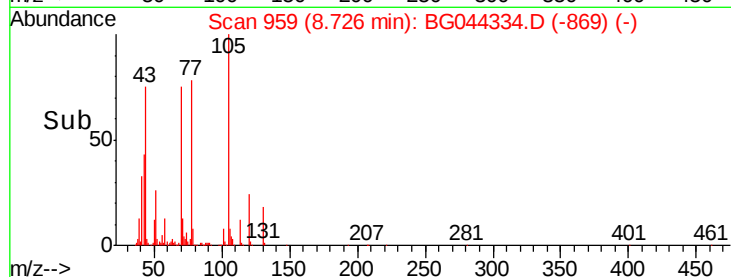
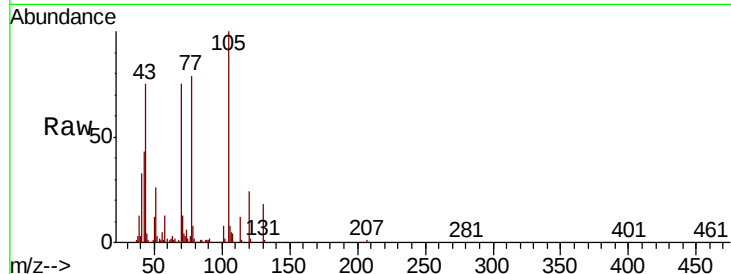
#19
n-Nitroso-di-n-propylamine
Concen: 38.912 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	46.2	69.2	
101	10.8	8.4	12.6	
130	24.1	17.8	26.8	

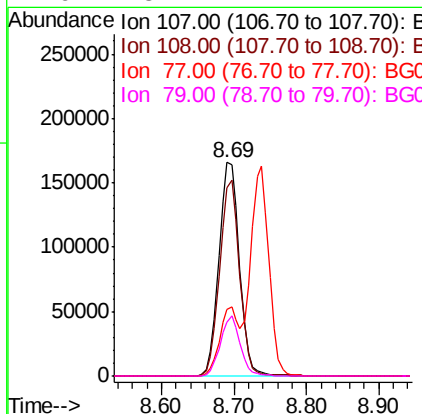
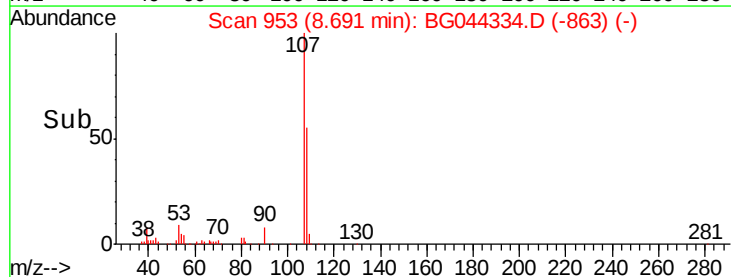
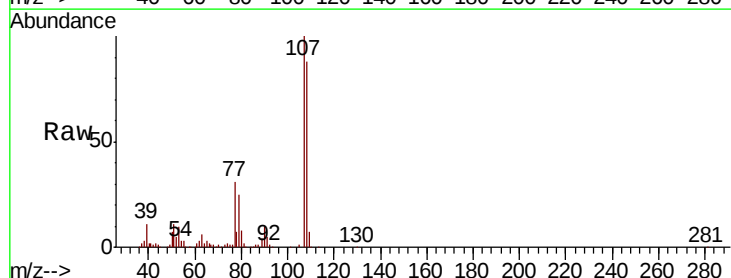
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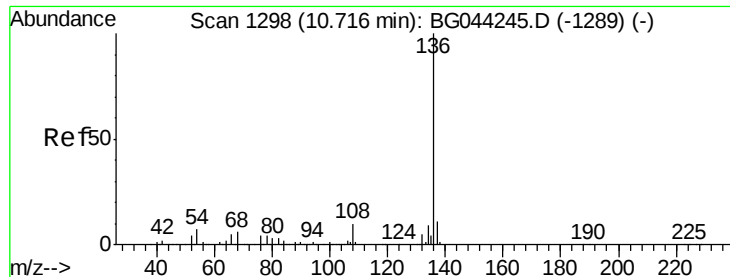
mohammad
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#20
3+4-Methylphenols
Concen: 44.319 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	68.5	108.5	
77	31.4	10.9	50.9	
79	25.4	7.1	47.1	





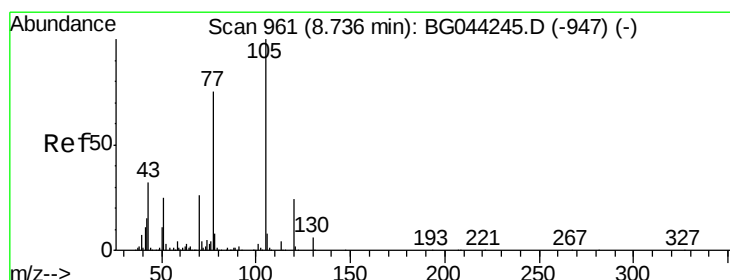
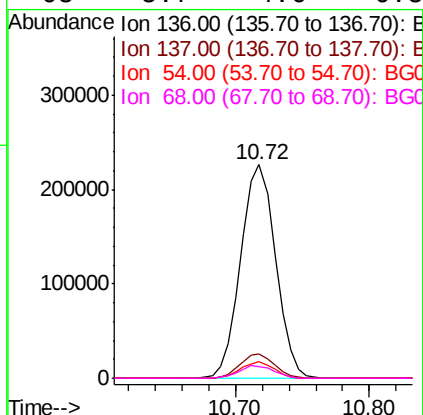
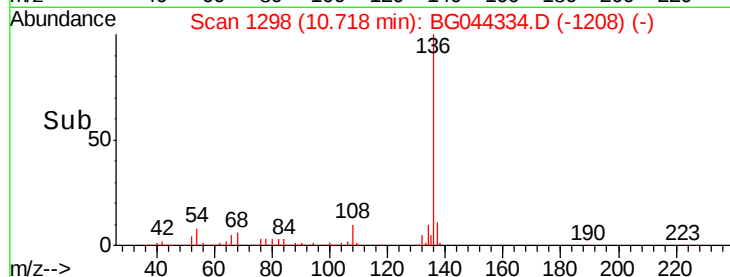
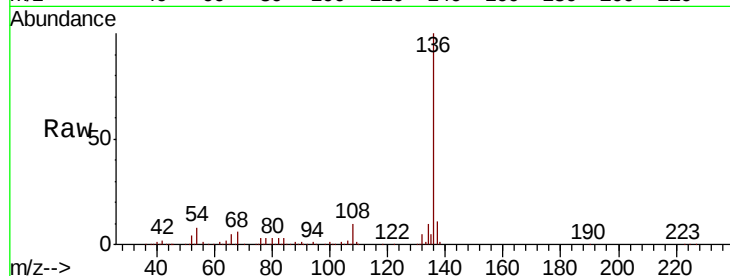
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	409379		
137	11.2		8.8	13.2
54	7.8		5.8	8.8
68	5.7		4.6	6.8

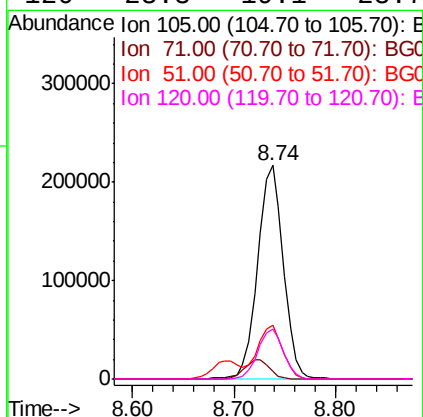
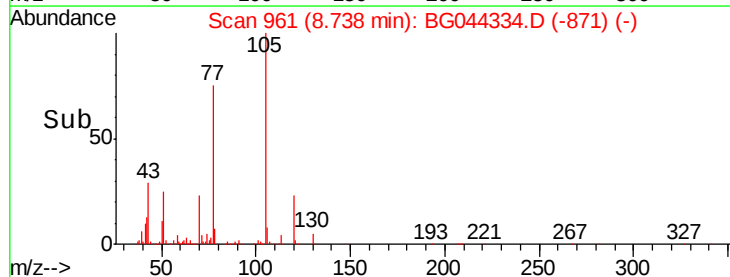
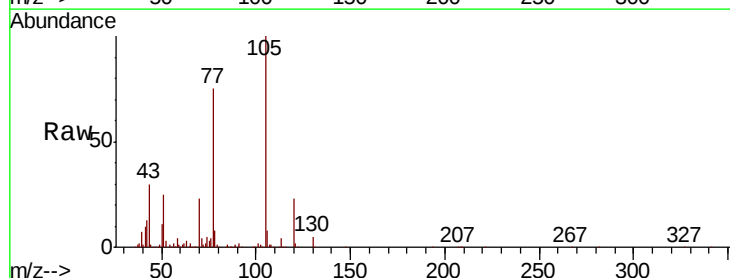
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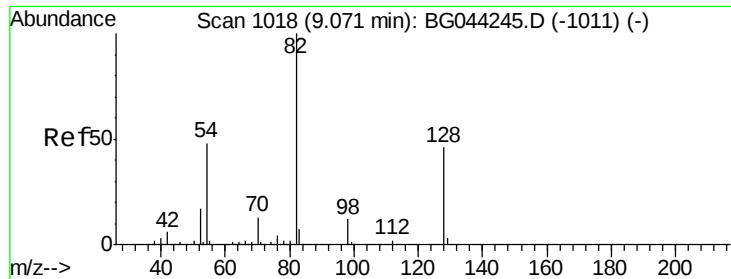
mohammad
2/11/2020 8:25:51 AM



#22
Acetophenone
Concen: 38.232 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380753		
71	3.7		3.4	5.0
51	24.9		20.2	30.4
120	23.3		19.1	28.7





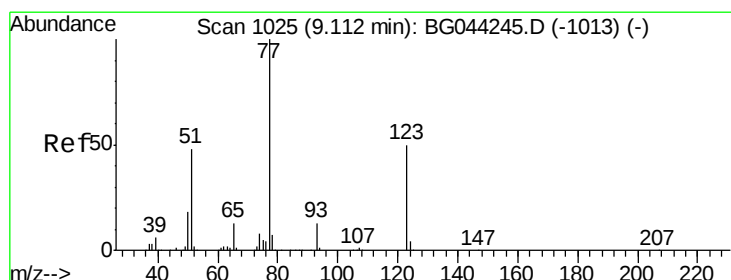
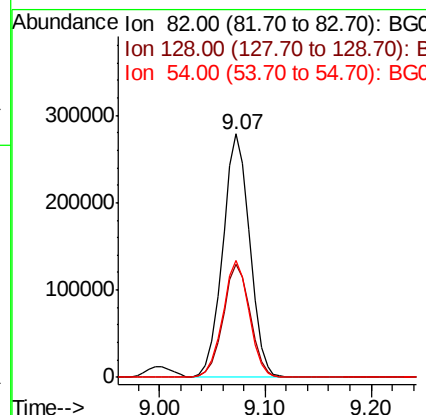
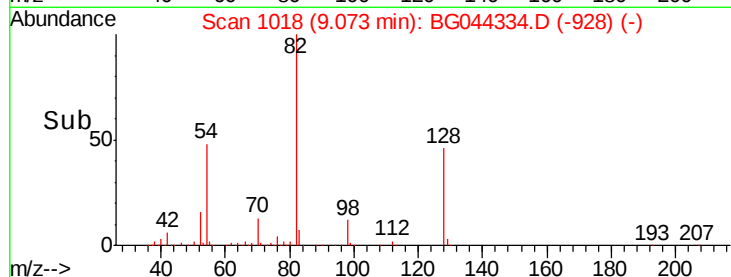
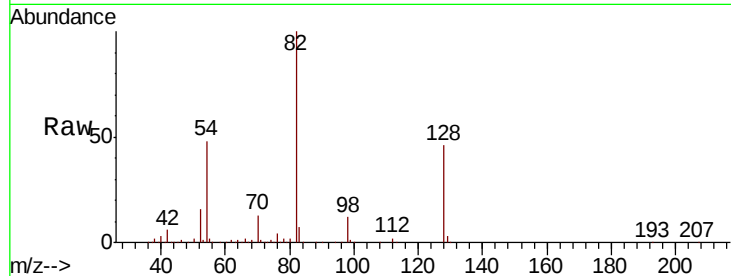
#23
Nitrobenzene-d5
Concen: 67.730 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	491124		
128	46.5	36.5	54.7	
54	47.8	38.6	58.0	

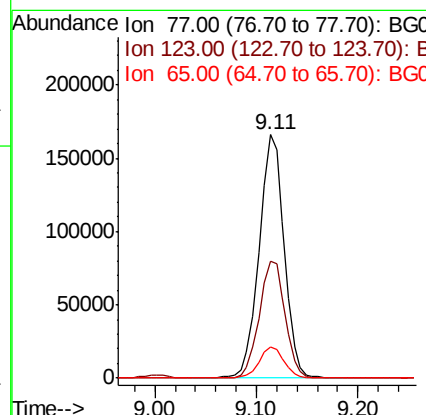
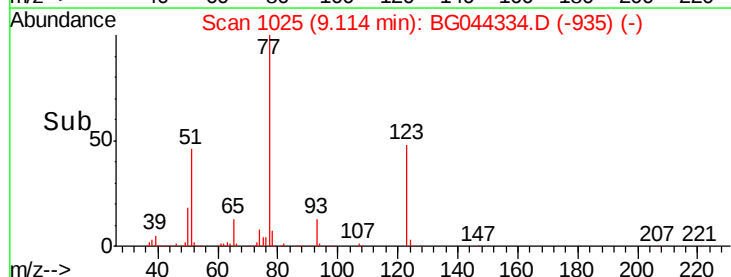
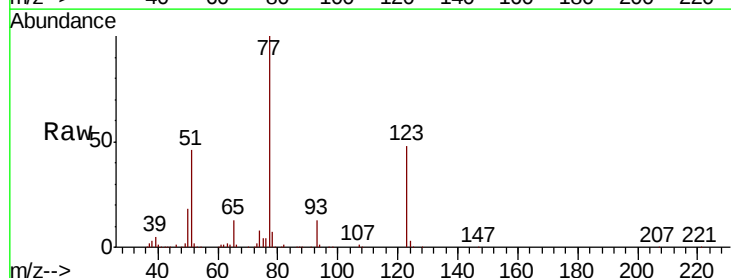
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#24
Nitrobenzene
Concen: 40.074 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	283686		
123	48.1	39.9	59.9	
65	13.0	10.4	15.6	





#25

Isophorone

Concen: 40.358 ng

RT: 9.64 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

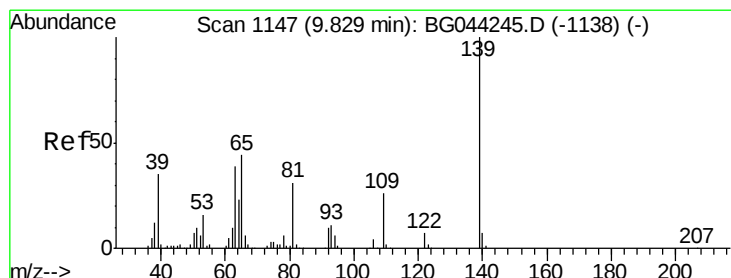
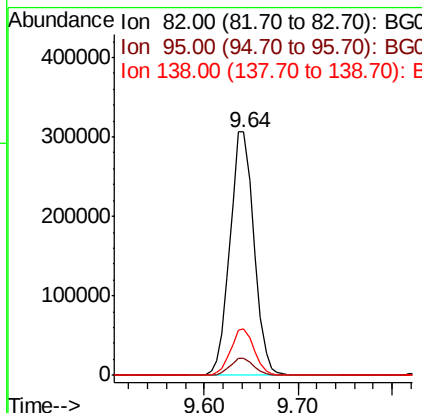
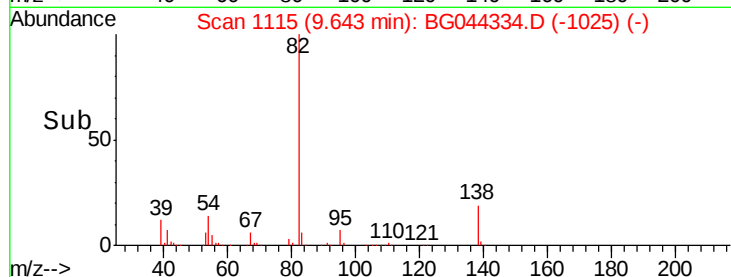
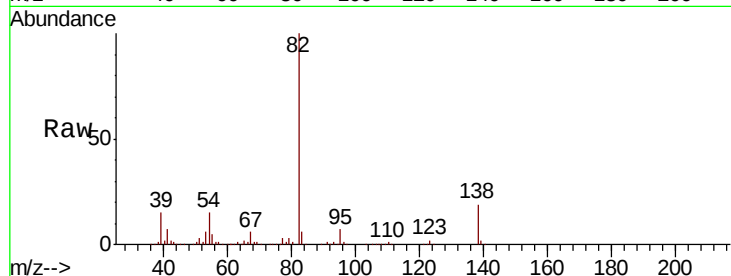
ClientSampleId :

PB126649BS

Tot Ion:	82	Resp:	545450
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.3	15.0	22.4

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#26

2-Nitrophenol

Concen: 43.668 ng

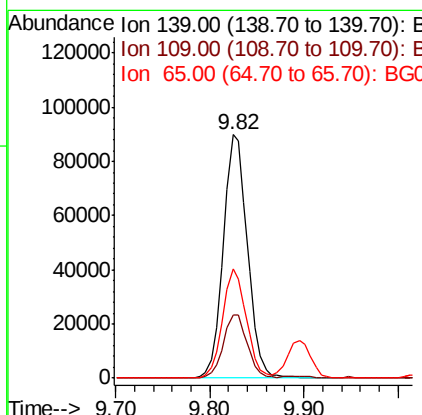
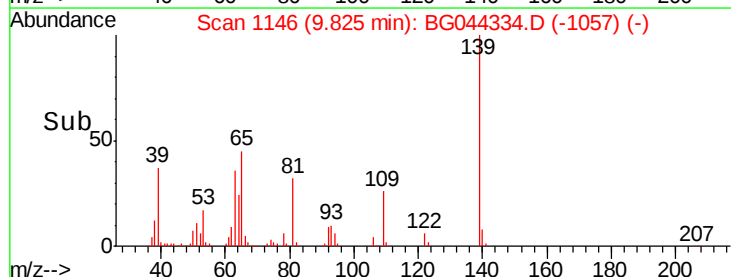
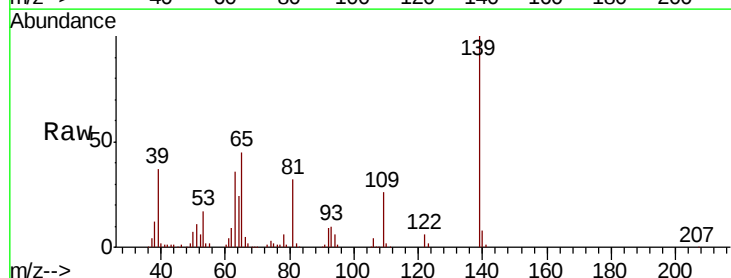
RT: 9.82 min Scan# 1146

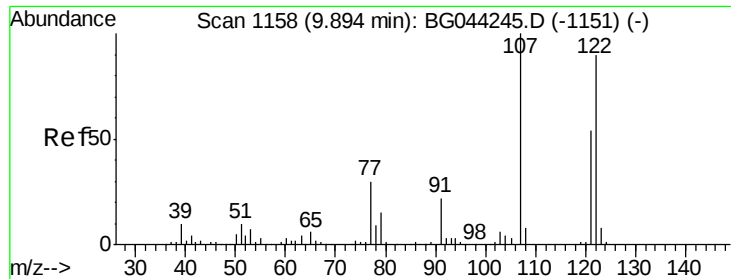
Delta R.T. -0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Tgt Ion:	139	Resp:	160401
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.0	31.4
65	44.6	35.0	52.4





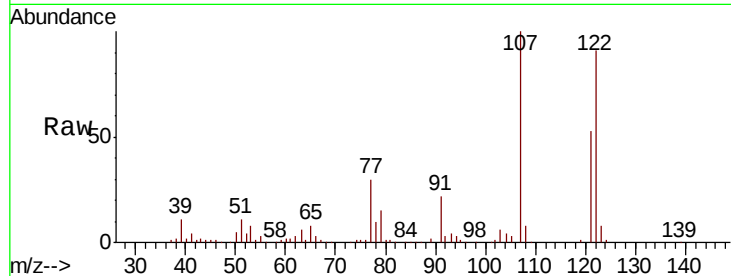
#27
2,4-Dimethylphenol
Concen: 50.855 ng
RT: 9.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.8	133.2
121	58.0	48.3	72.5

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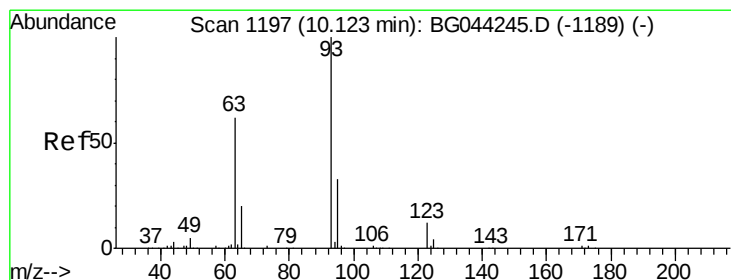
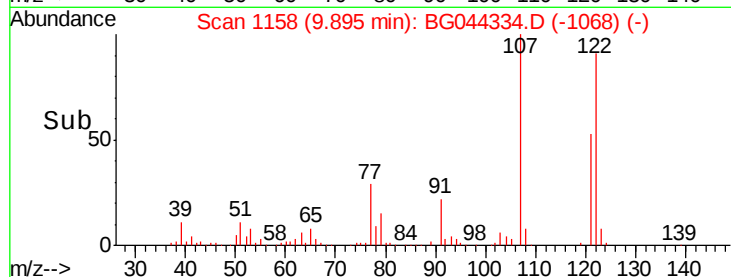
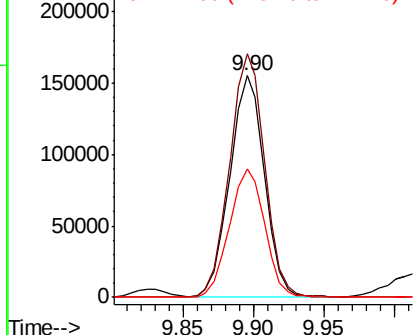


Abundance

Ion 122.00 (121.70 to 122.70): E

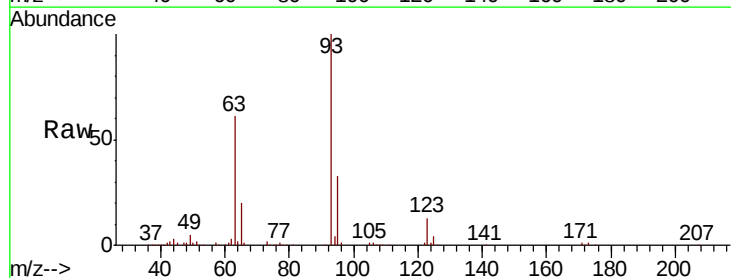
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.805 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	12.5	10.0	15.0

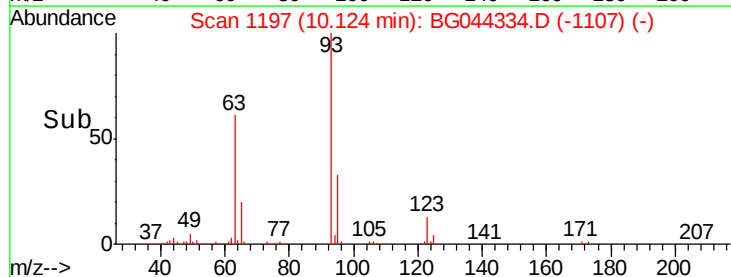
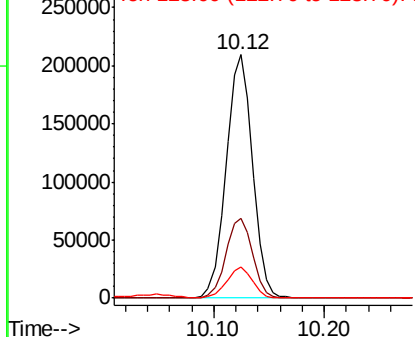


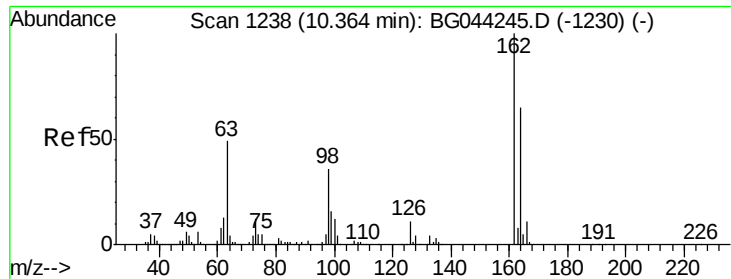
Abundance

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





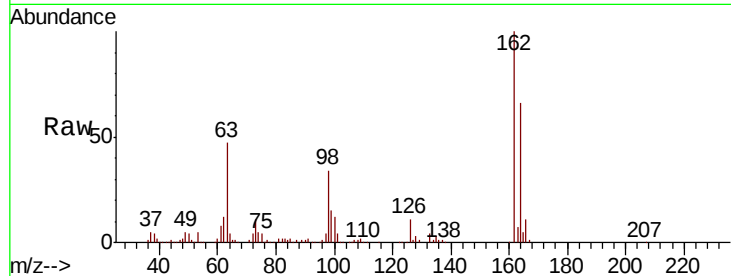
#29
2,4-Dichlorophenol
Concen: 43.517 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	44.7	84.7
98	33.8	15.8	55.8

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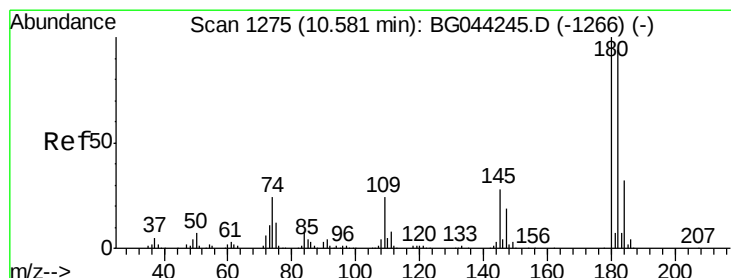
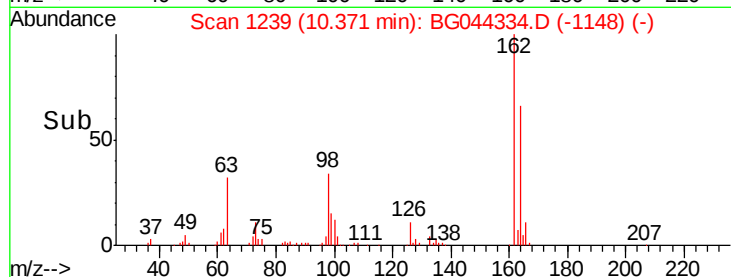
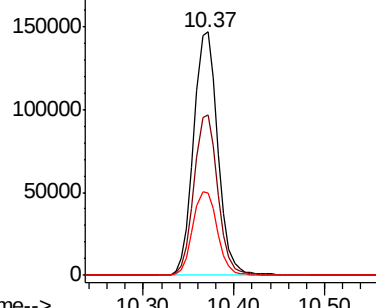


Abundance

Ion 162.00 (161.70 to 162.70): E

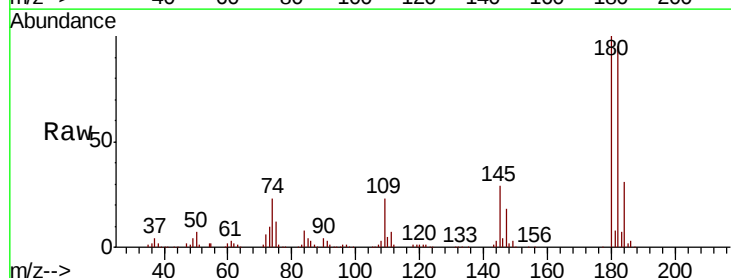
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 38.684 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	75.5	113.3
145	28.6	22.6	34.0

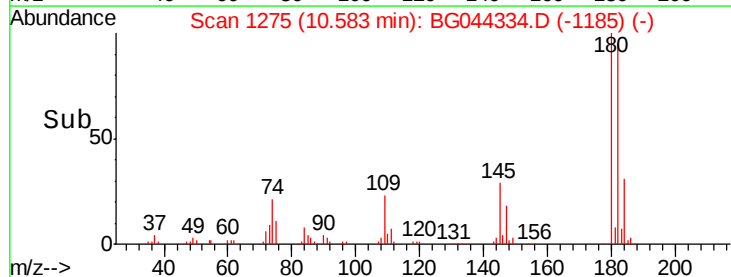
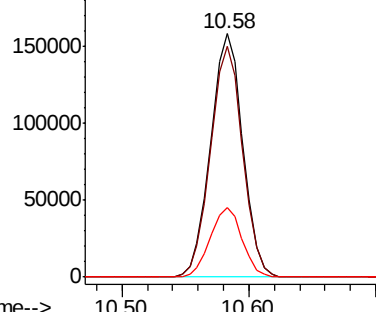


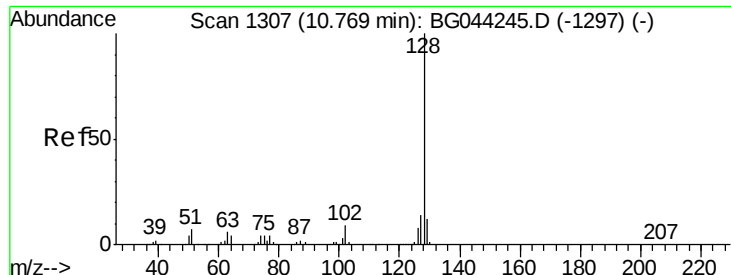
Abundance

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





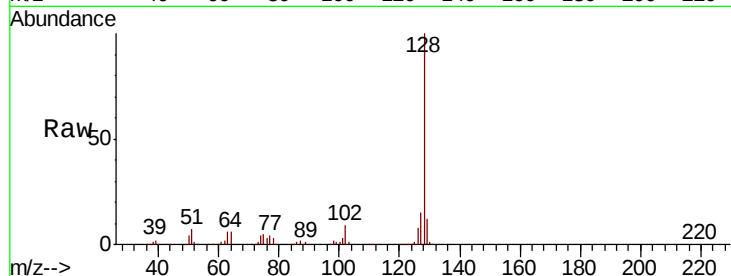
#31
Naphthalene
Concen: 40.648 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

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

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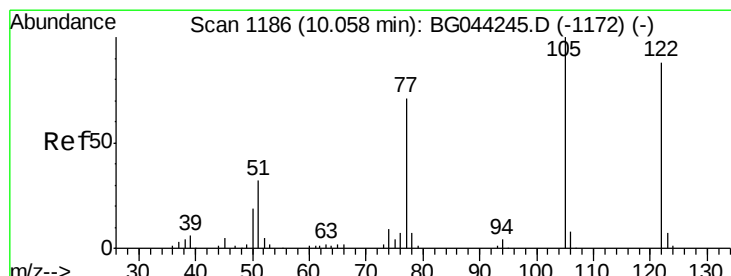
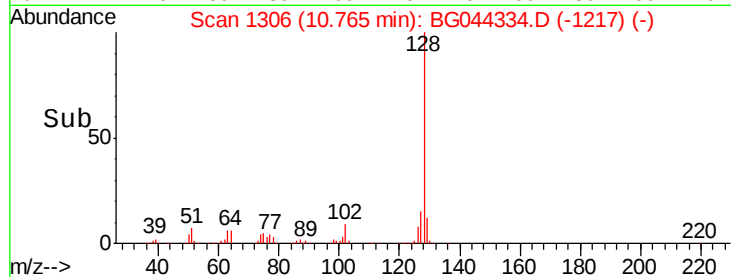
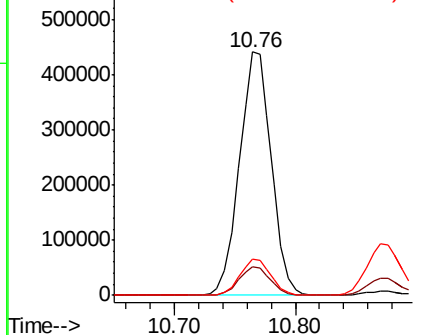


Abundance

Ion 128.00 (127.70 to 128.70): E

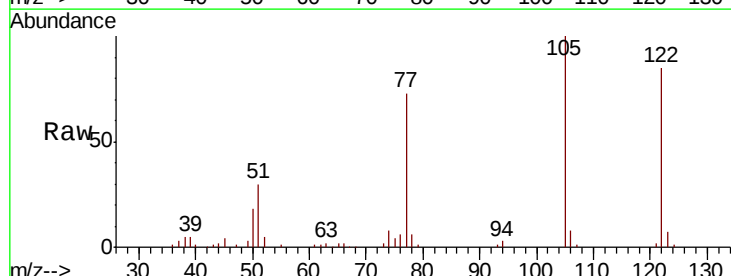
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.682 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	93.5	133.5
77	86.6	61.0	101.0

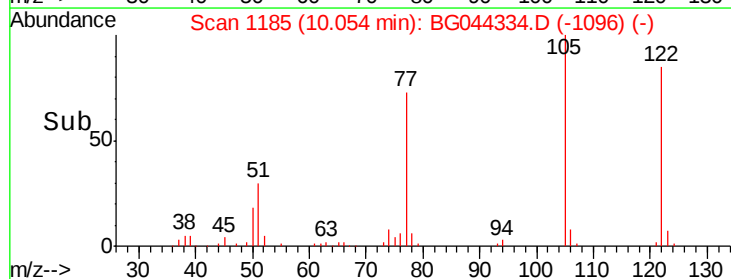
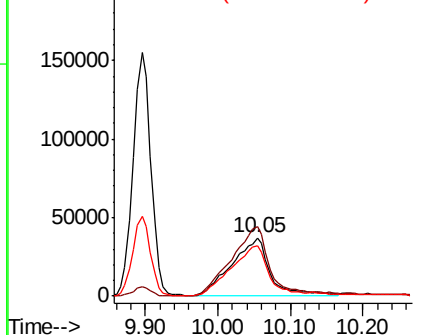


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





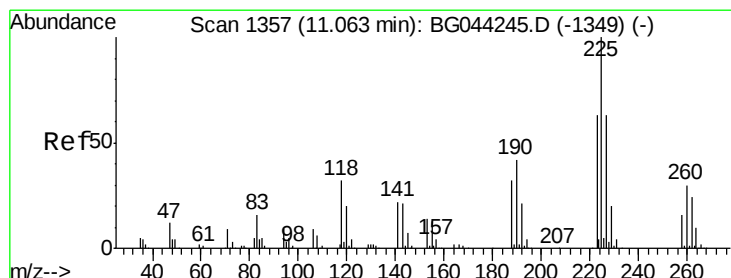
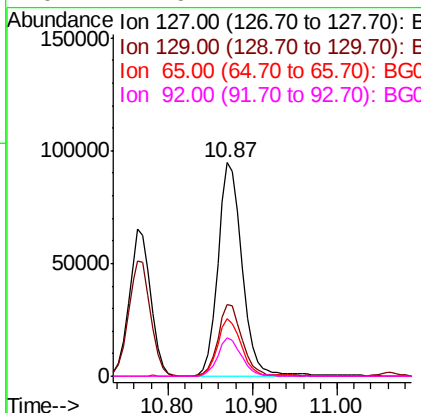
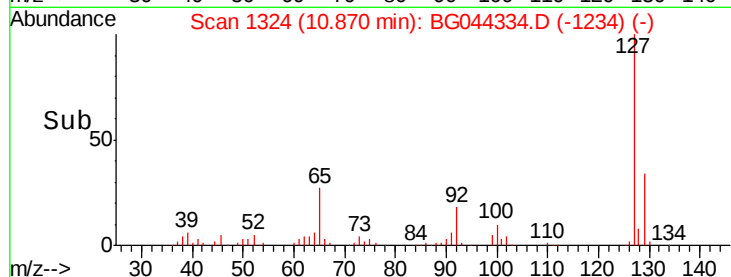
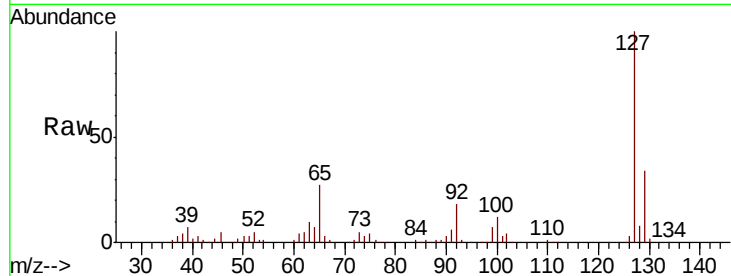
#33
4-Chloroaniline
Concen: 20.945 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	189205		
129	33.6		26.6	40.0
65	27.3		22.5	33.7
92	17.9		14.1	21.1

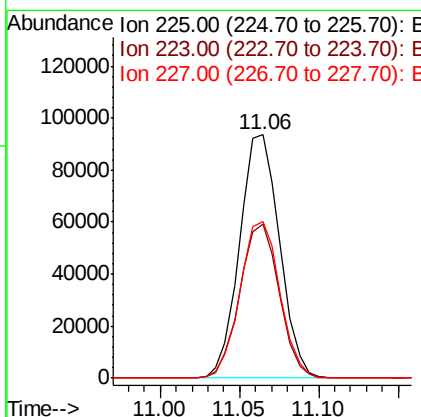
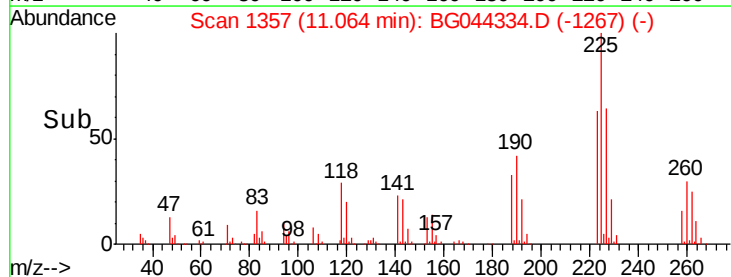
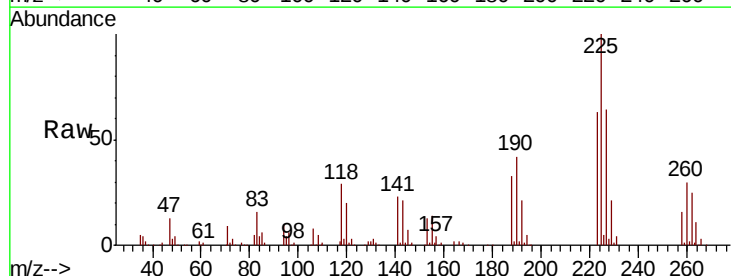
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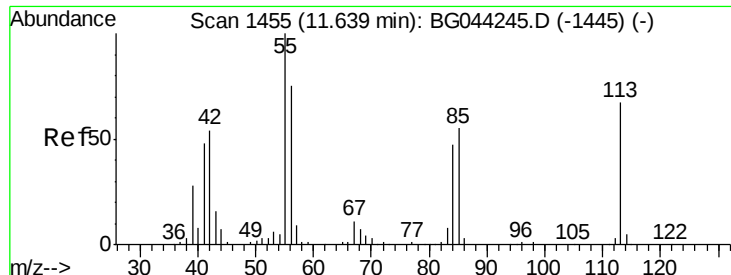
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#34
Hexachlorobutadiene
Concen: 37.079 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164024		
223	63.5		50.2	75.4
227	64.5		50.8	76.2





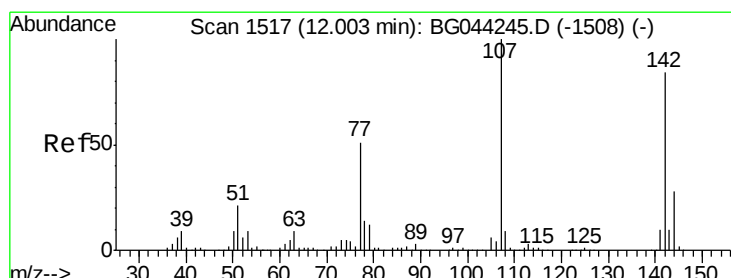
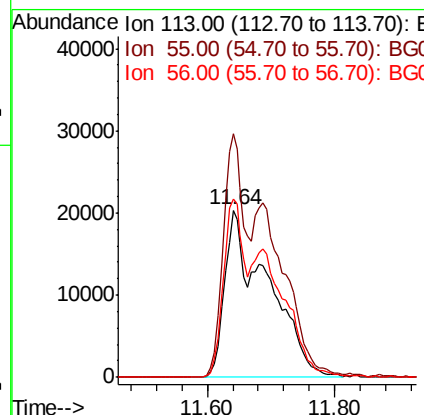
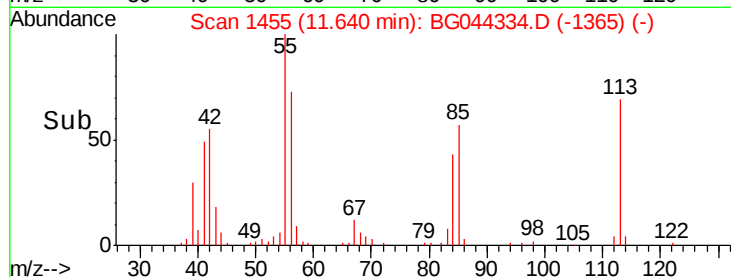
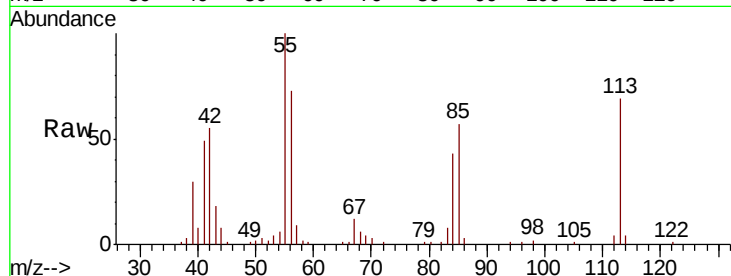
#35
Caprolactam
Concen: 41.586 ng/ml
RT: 11.64 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleID :
PB126649BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.8	129.9	169.9
56	106.8	92.5	132.5

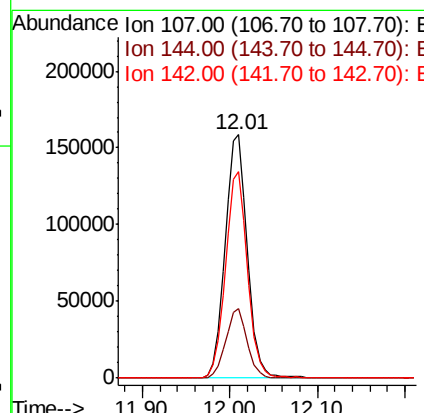
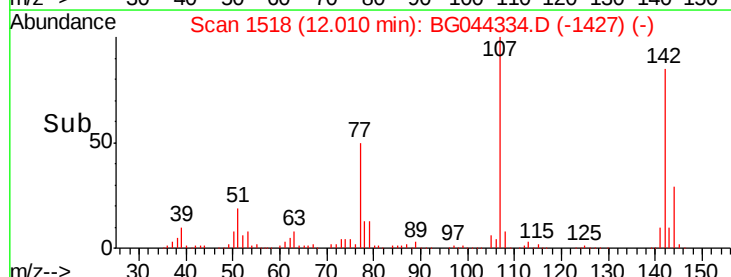
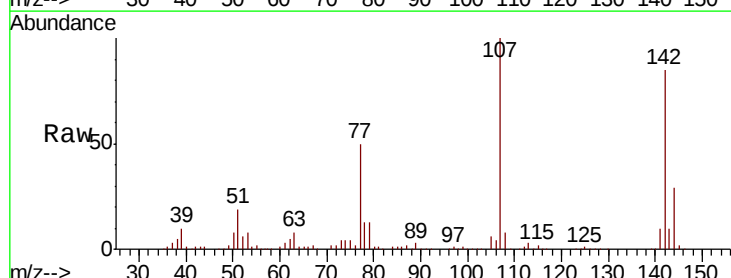
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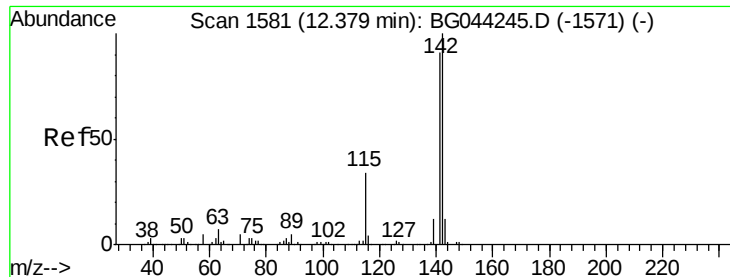
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#36
4-Chloro-3-methylphenol
Concen: 42.365 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.2	33.4
142	84.6	67.4	101.0





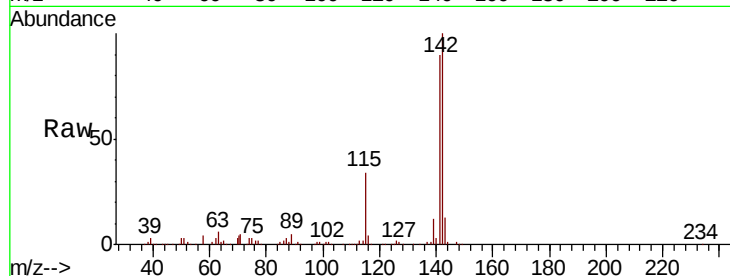
#37
2-Methylnaphthalene
Concen: 40.746 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8
115	33.5	27.1	40.7

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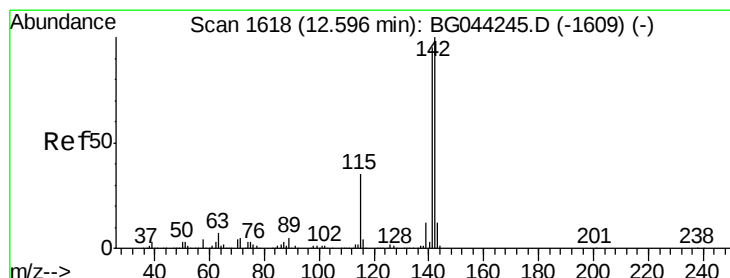
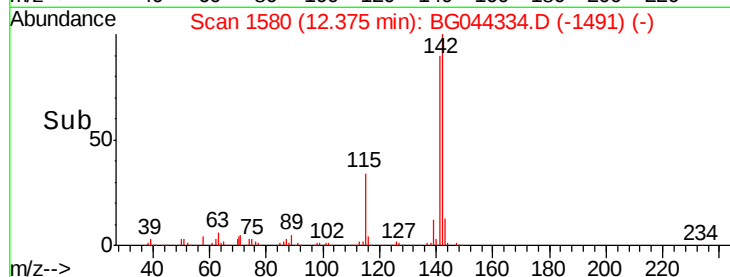
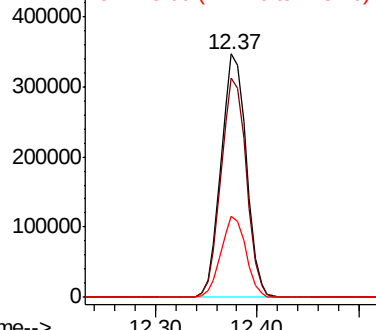


Abundance

Ion 142.00 (141.70 to 142.70): E

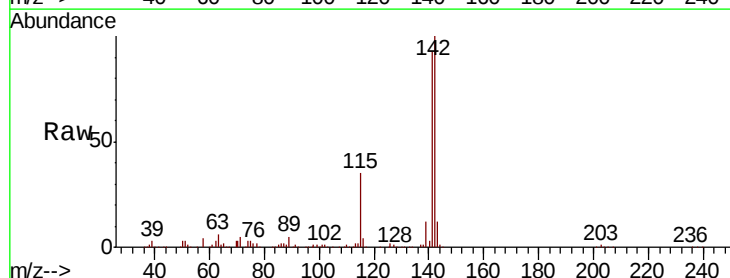
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.554 ng
RT: 12.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.8	113.6
116	3.8	3.1	4.7

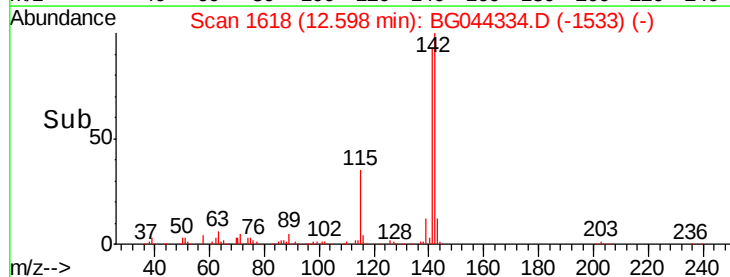
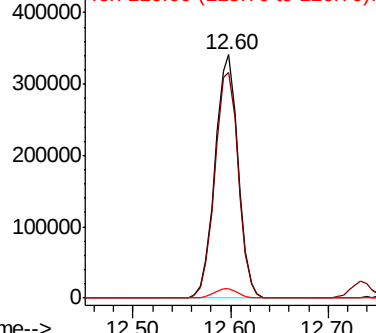


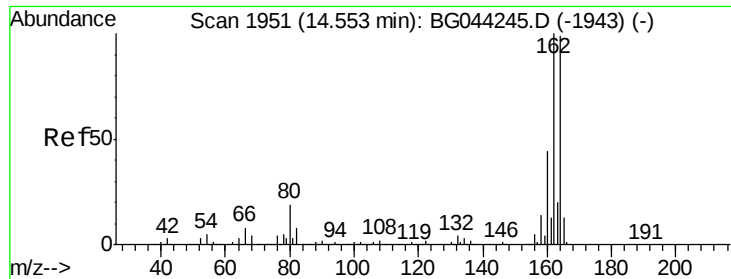
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





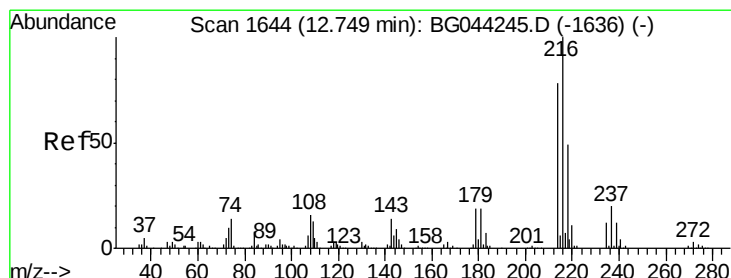
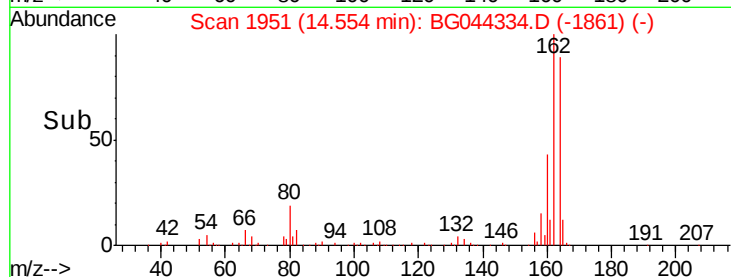
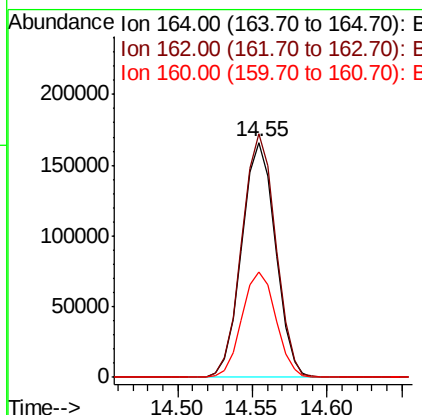
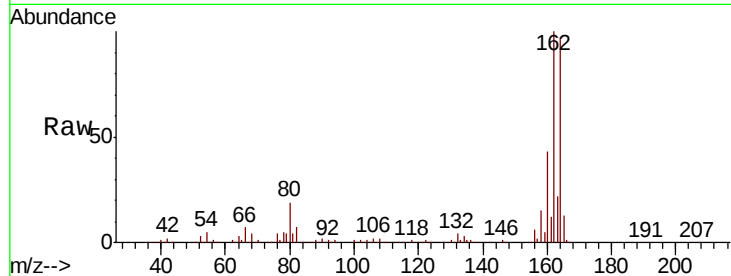
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	80.7	121.1	
160	44.8	35.3	52.9	

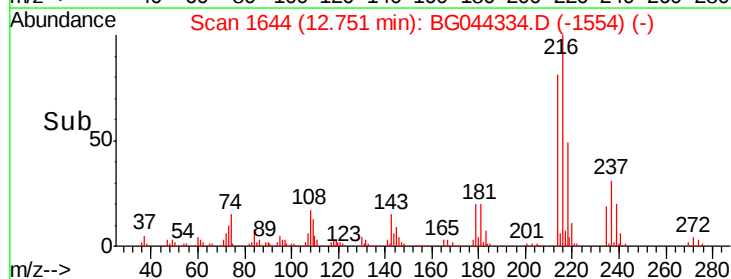
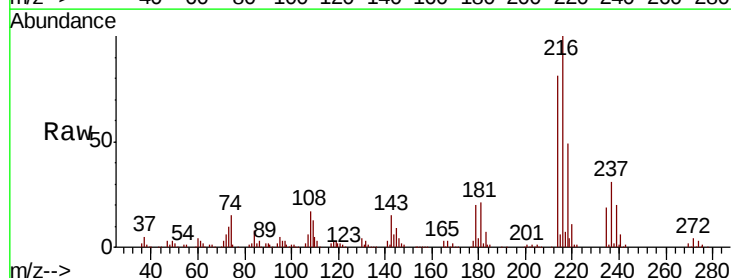
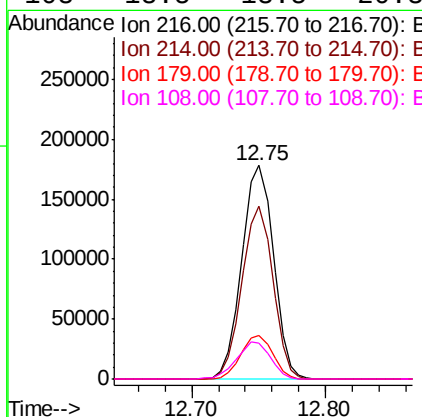
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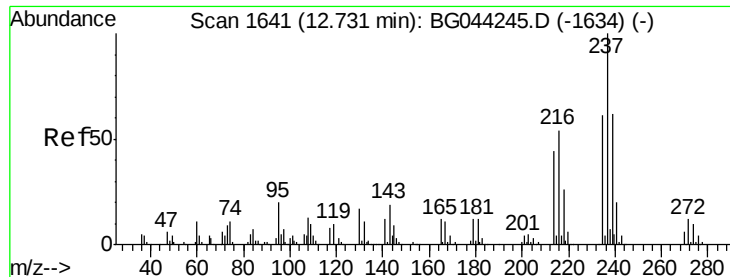
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.762 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.6	
179	20.5	16.2	24.4	
108	18.5	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 82.532 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

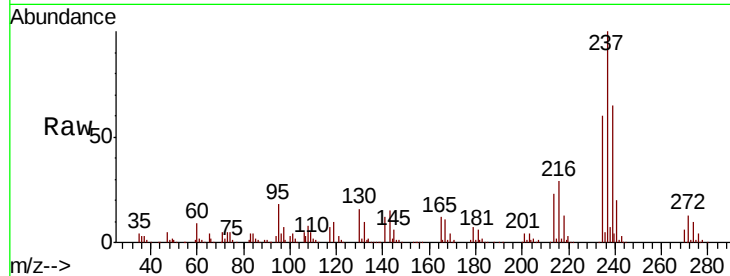
ClientSampleId :

PB126649BS

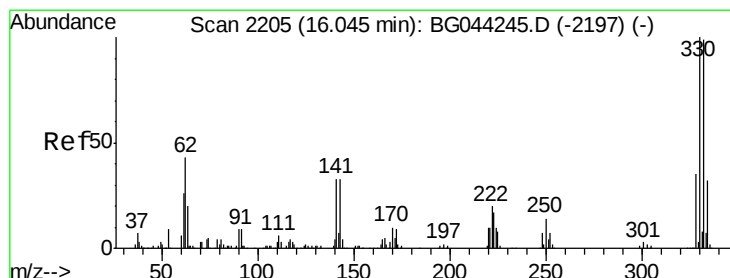
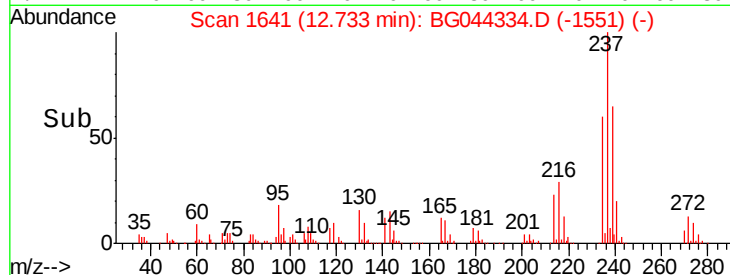
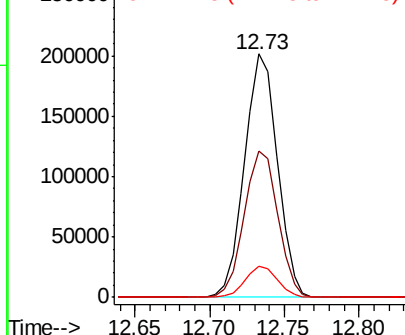
Tot Ion:	237	Resp:	307147
Ion Ratio	Lower	Upper	
237	100		
235	60.3	41.2	81.2
272	12.7	0.0	32.4

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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: 112.691 ng

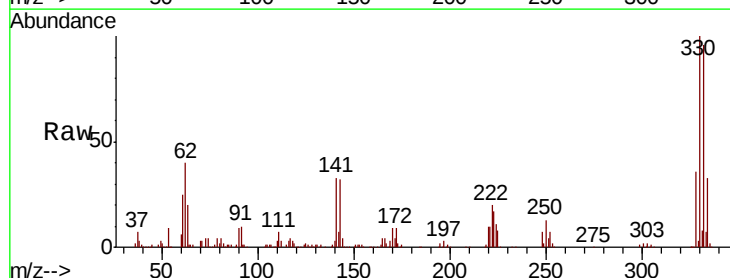
RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

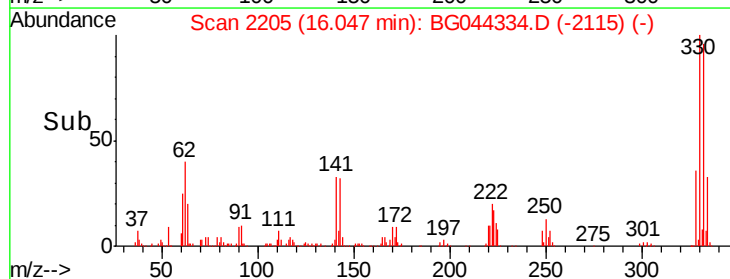
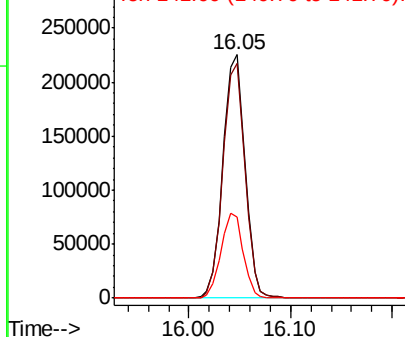
Lab File: BG044334.D

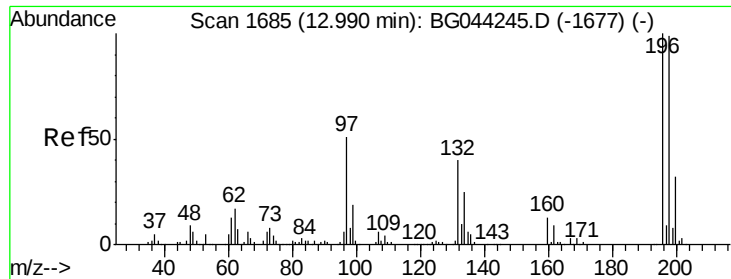
Acq: 7 Feb 2020 13:02

Tgt Ion:	330	Resp:	343013
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.2	115.8
141	35.1	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





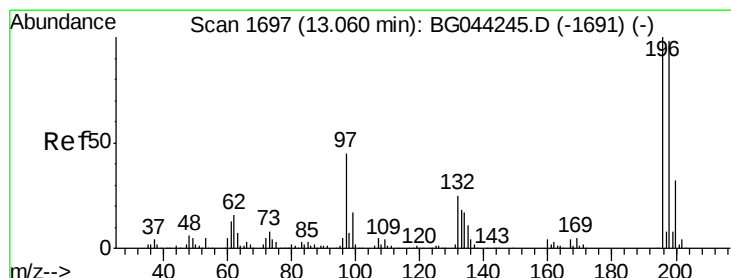
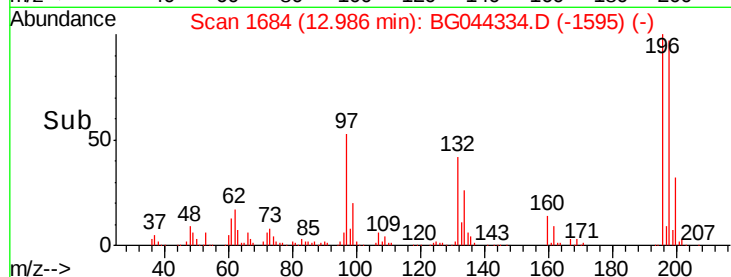
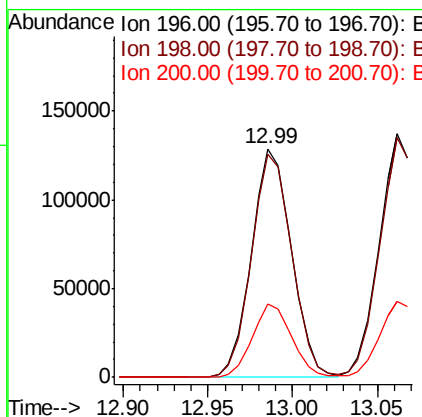
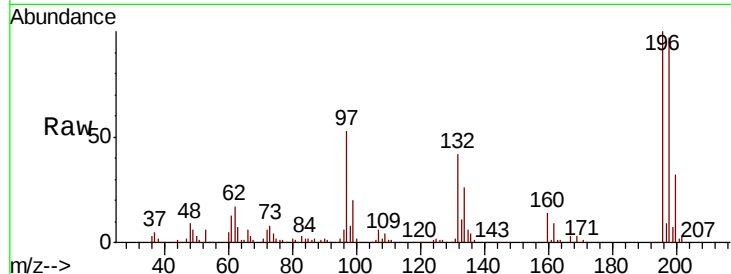
#43
 2,4,6-Trichlorophenol
 Concen: 42.089 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211005		
198	97.3	79.3	118.9	
200	32.0	25.7	38.5	

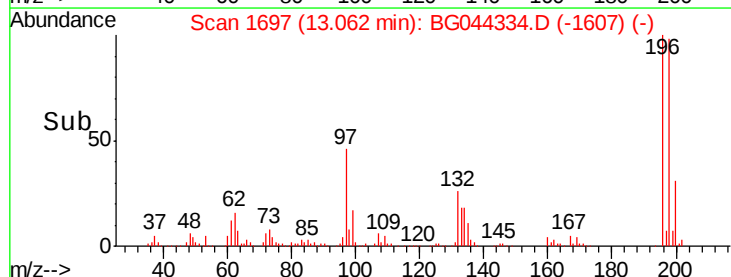
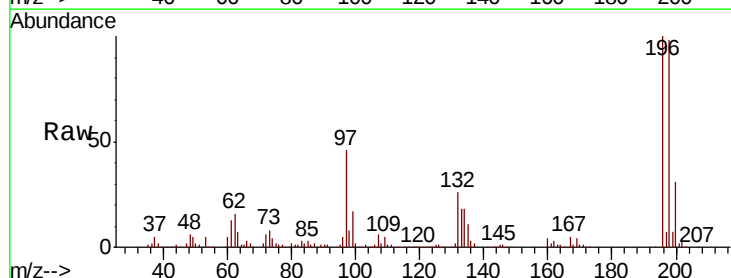
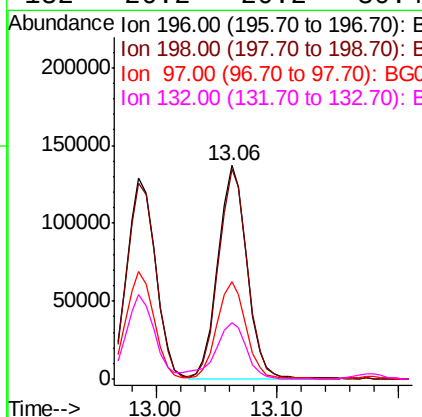
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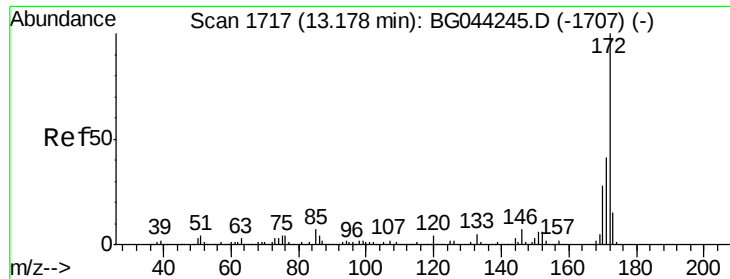
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#44
 2,4,5-Trichlorophenol
 Concen: 44.086 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225745		
198	98.2	78.2	117.2	
97	45.8	36.2	54.4	
132	26.2	20.2	30.4	





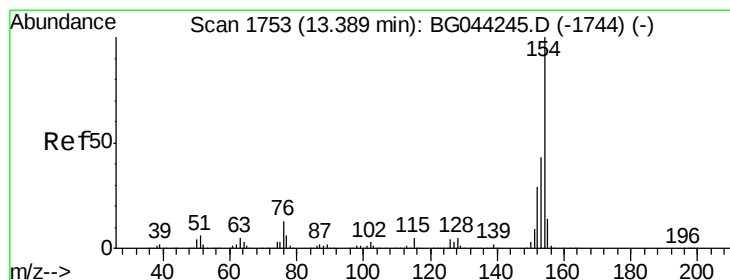
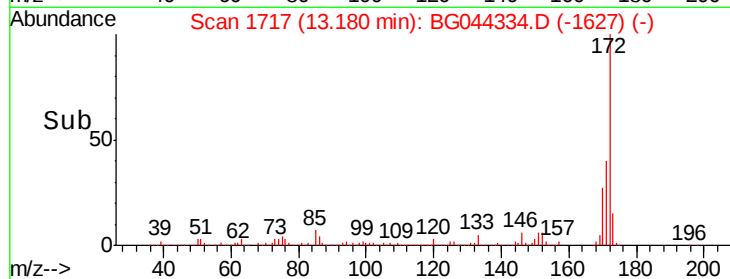
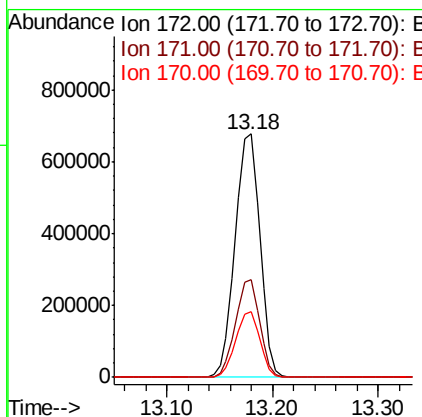
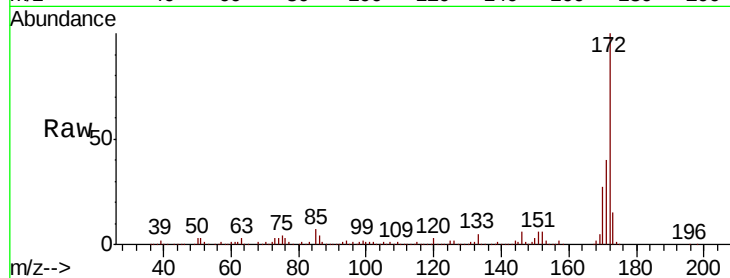
#45
2-Fluorobiphenyl
Concen: 70.811 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.9	49.3
170	27.1	22.0	33.0

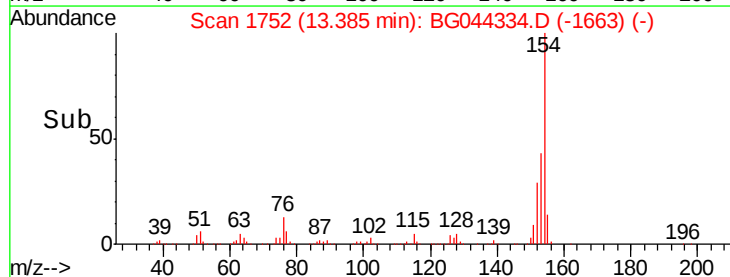
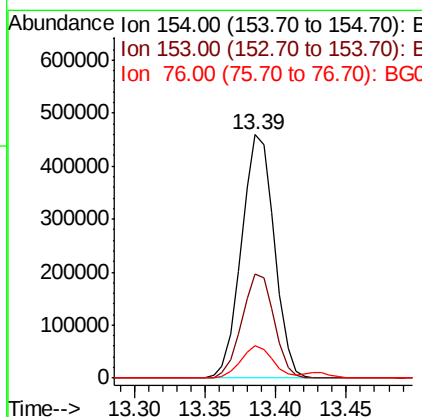
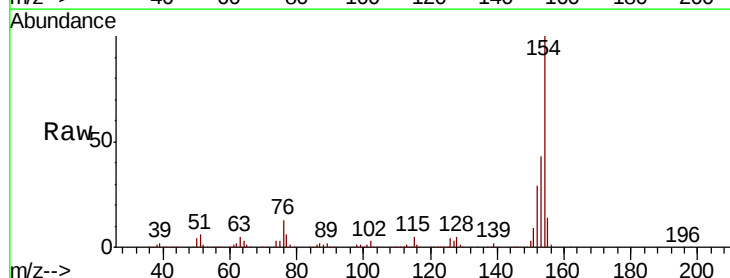
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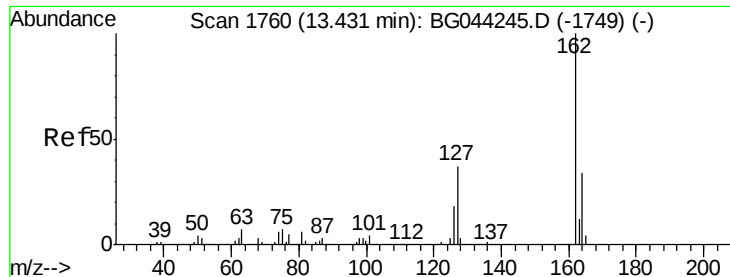
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#46
1,1'-Biphenyl
Concen: 39.880 ng
RT: 13.39 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.7	62.7
76	13.2	0.0	32.9





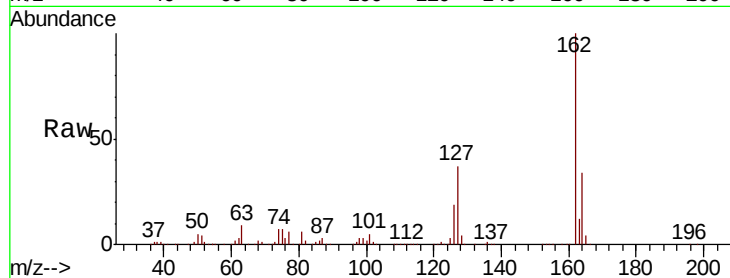
#47
2-Chloronaphthalene
Concen: 39.127 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.0	45.0
164	34.0	27.2	40.8

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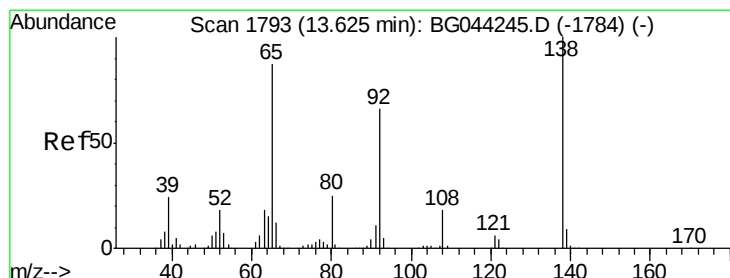
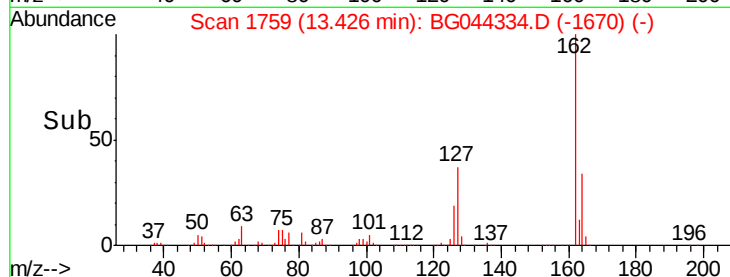
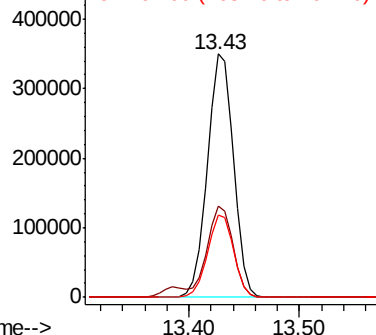


Abundance

Ion 162.00 (161.70 to 162.70): E

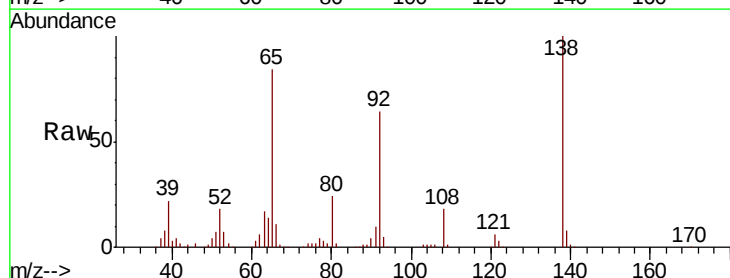
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.972 ng
RT: 13.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	60.3	90.5
138	118.4	91.9	137.9

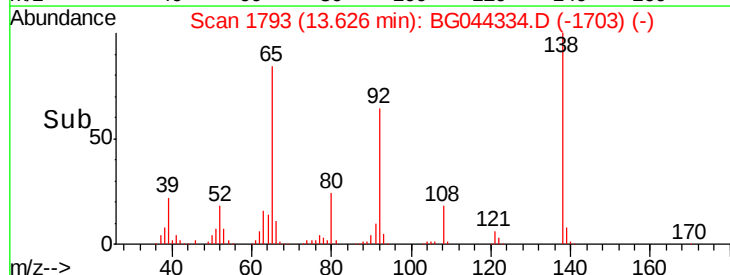
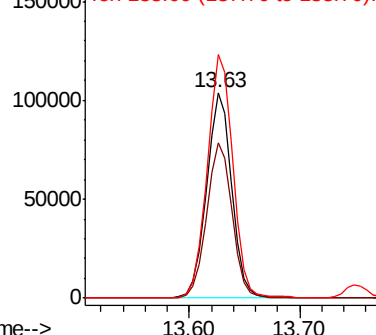


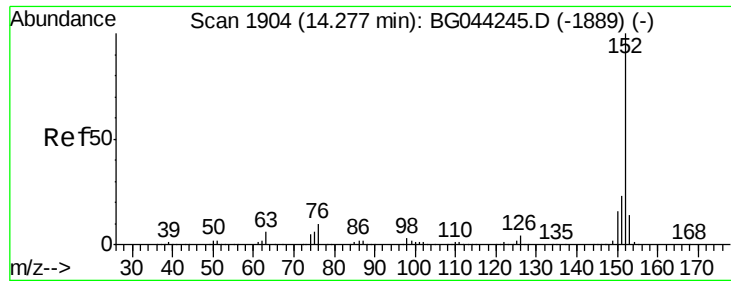
Abundance

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: 41.738 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

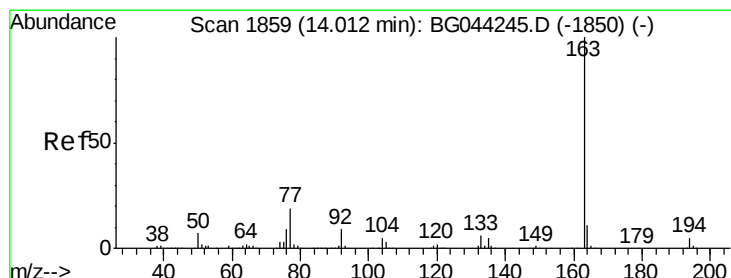
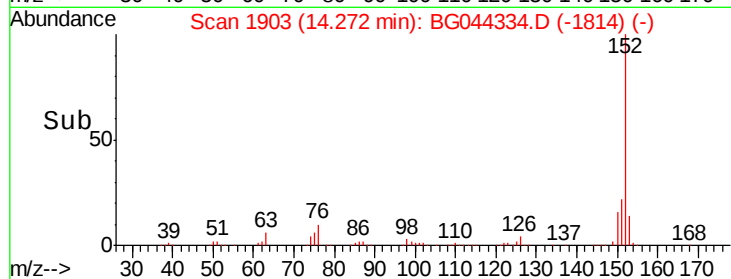
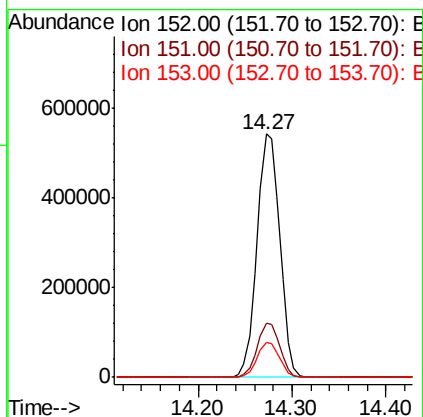
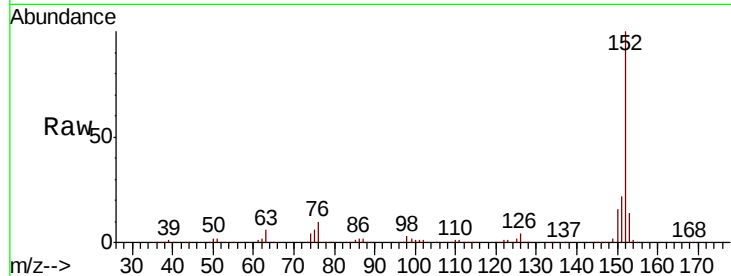
ClientSampleId :

PB126649BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.1	27.1
153	14.4	11.5	17.3

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#50

Dimethylphthalate

Concen: 39.577 ng

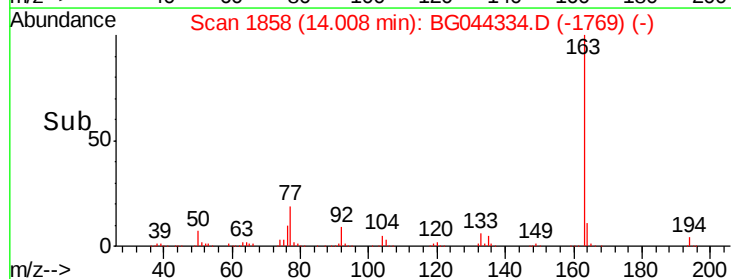
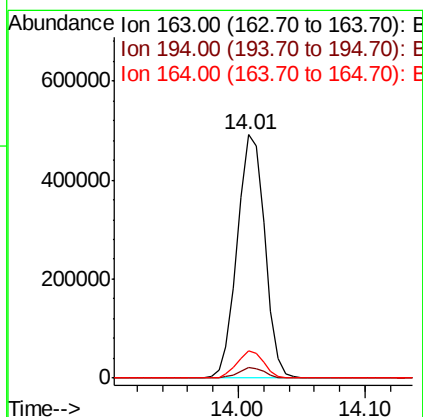
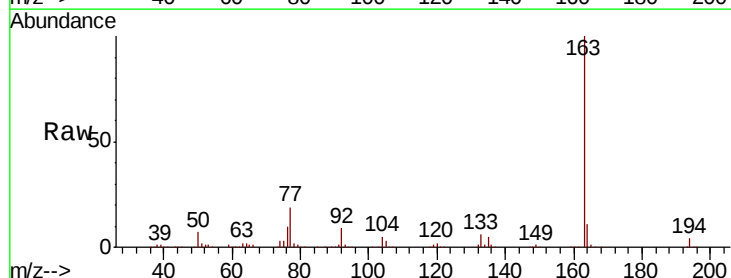
RT: 14.01 min Scan# 1858

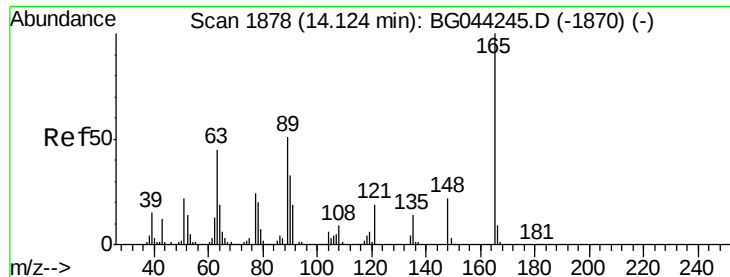
Delta R.T. -0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.1	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 40.841 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

ClientSampleId :

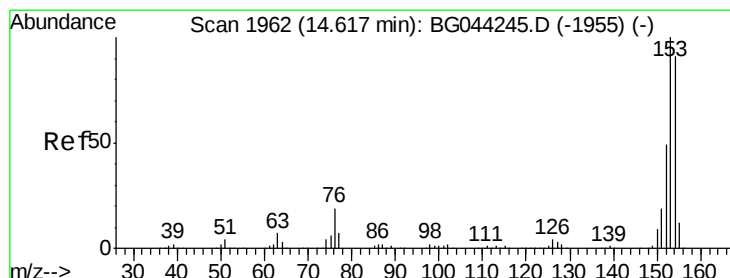
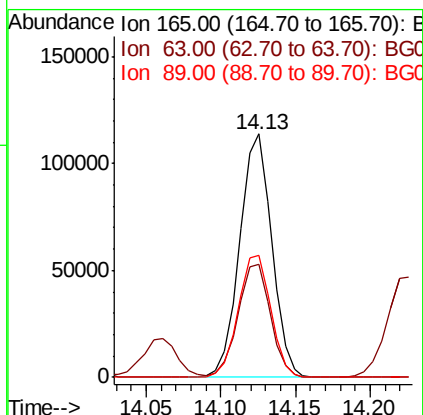
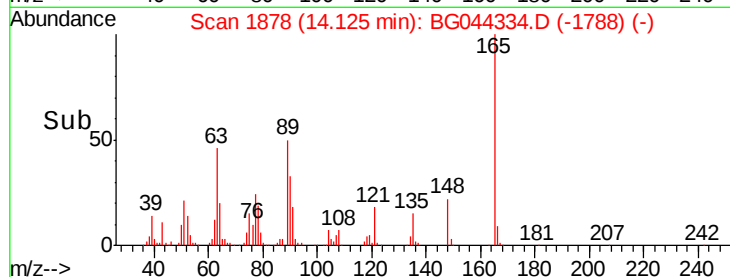
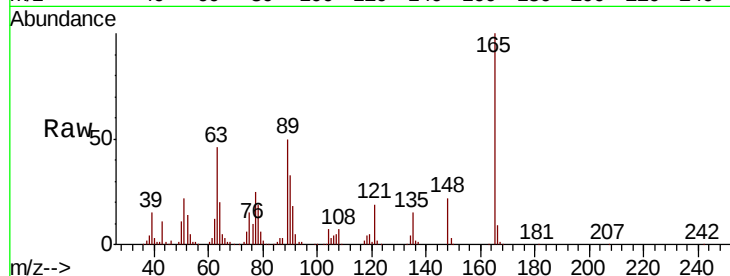
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Tot Ion:165 Resp: 169722
Ion Ratio Lower Upper

165	100		
63	46.2	38.7	58.1
89	50.3	40.4	60.6

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#52

Acenaphthene

Concen: 39.247 ng

RT: 14.62 min Scan# 1962

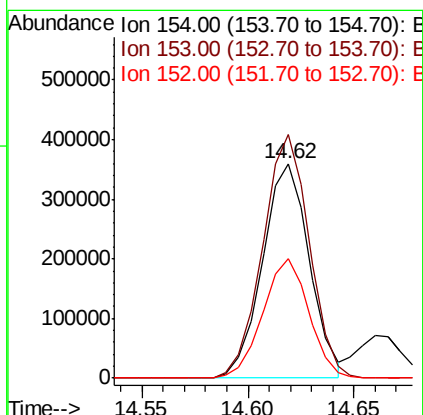
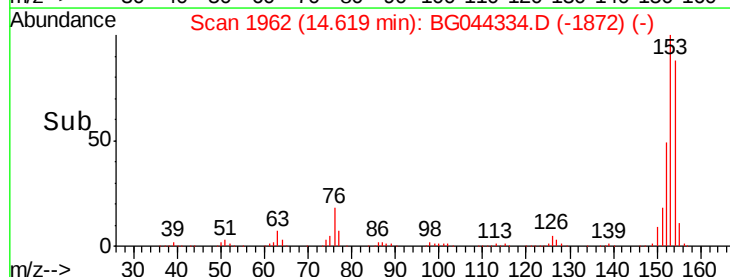
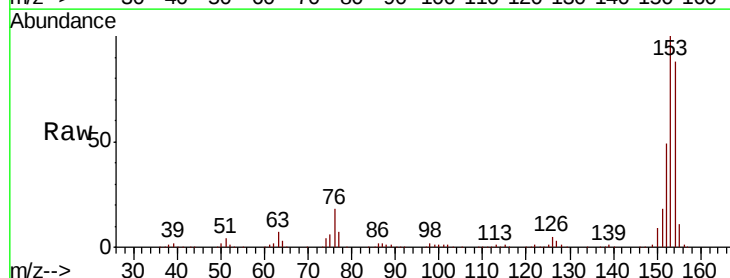
Delta R.T. 0.00 min

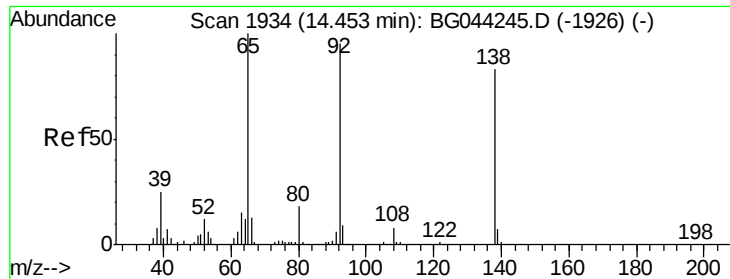
Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Tgt Ion:154 Resp: 555286
Ion Ratio Lower Upper

154	100		
153	113.7	87.9	131.9
152	55.7	43.1	64.7





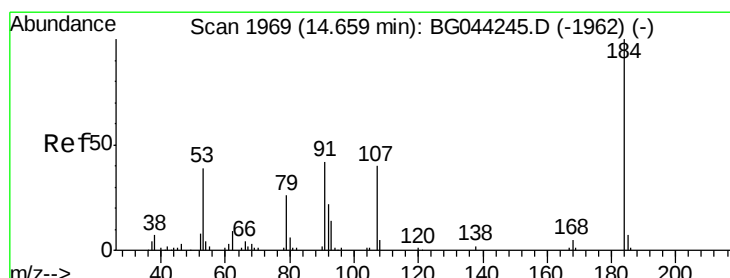
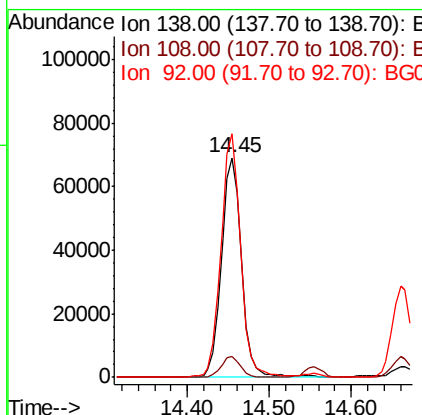
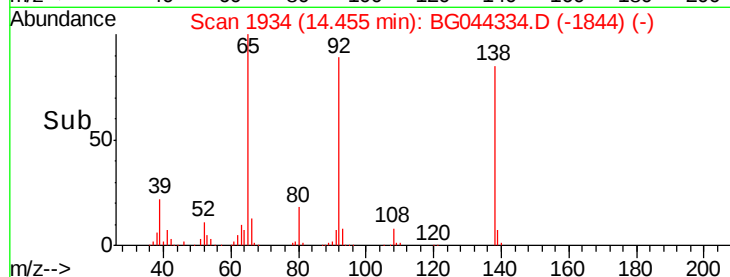
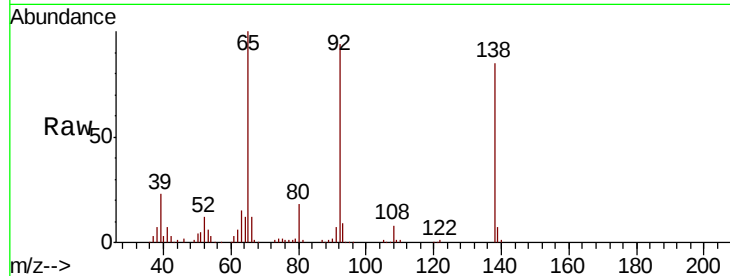
#53
3-Nitroaniline
Concen: 25.631 ng
RT: 14.45 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampled :
PB126649BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	111.0	91.0	136.4

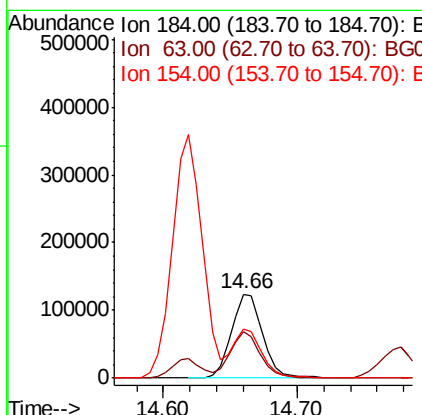
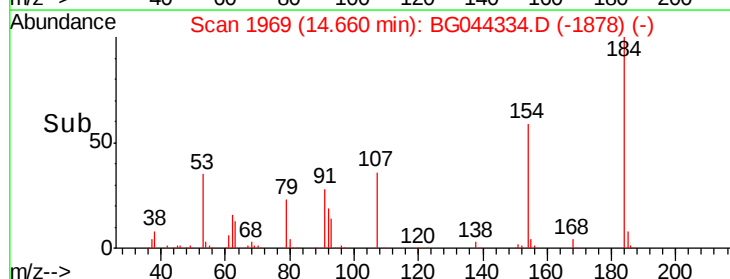
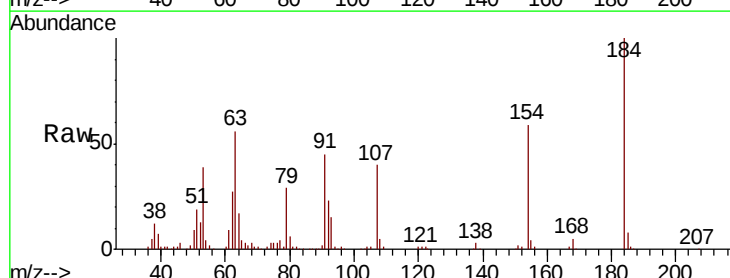
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#54
2,4-Dinitrophenol
Concen: 82.241 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	44.1	66.1
154	58.6	45.4	68.0





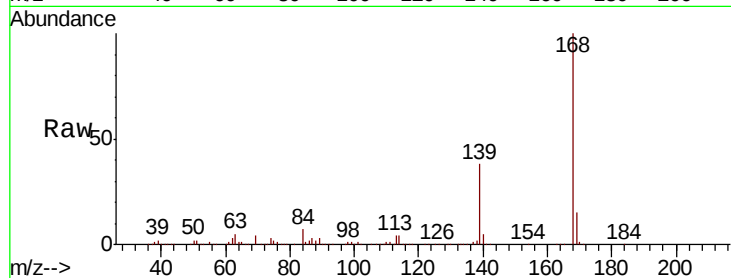
#55
Dibenzenofuran
Concen: 40.267 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	14.8	11.7	17.5

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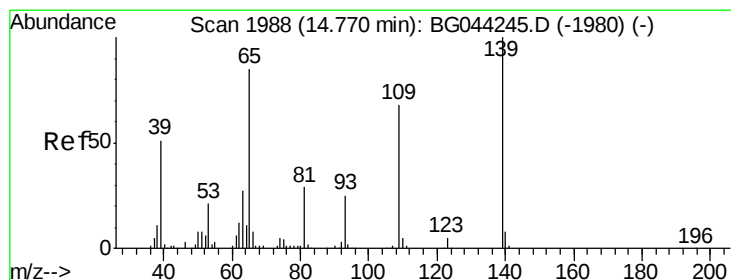
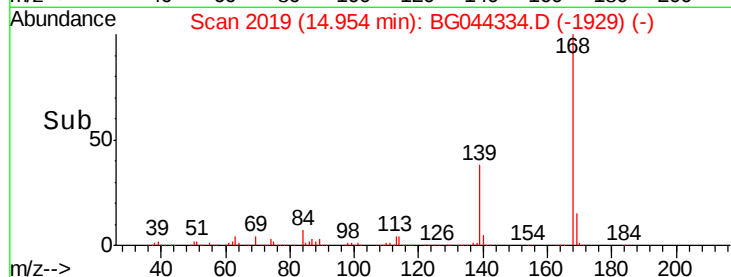
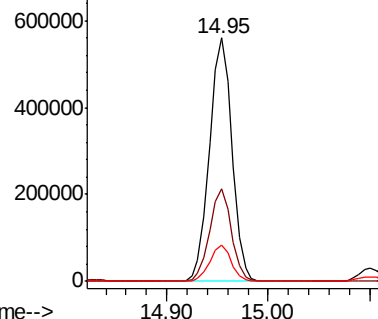


Abundance

Ion 168.00 (167.70 to 168.70): E

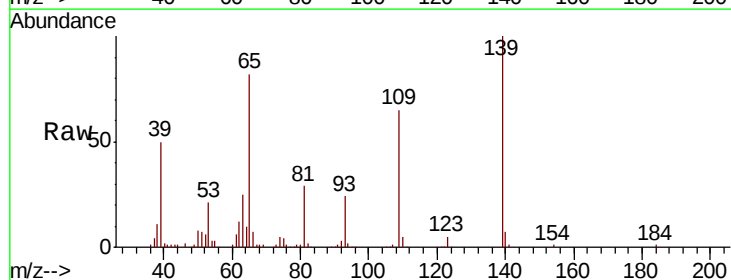
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 91.910 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.3	47.5	87.5
65	81.9	64.9	104.9

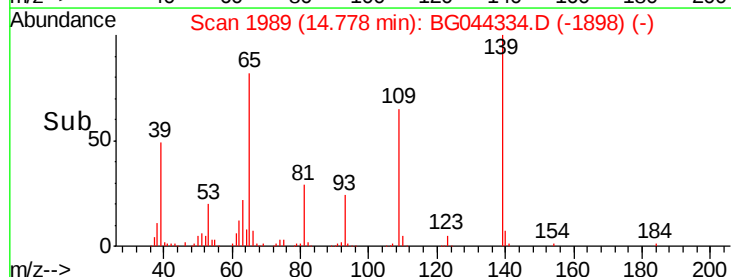
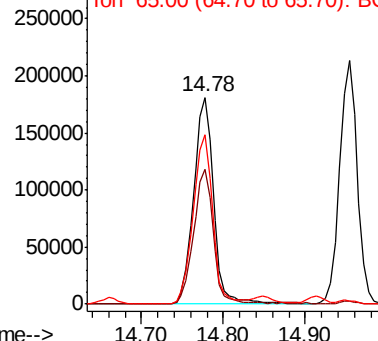


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





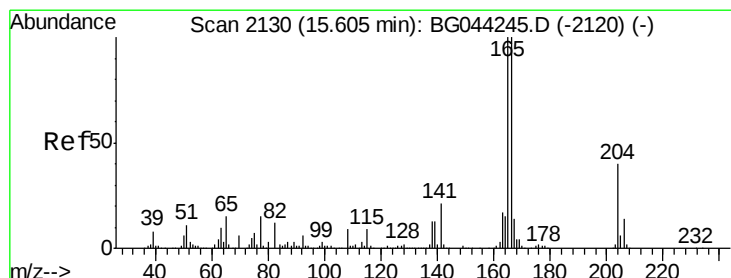
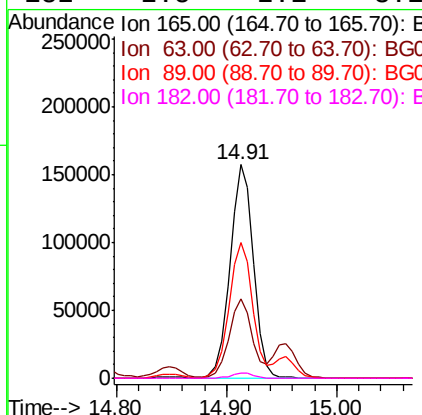
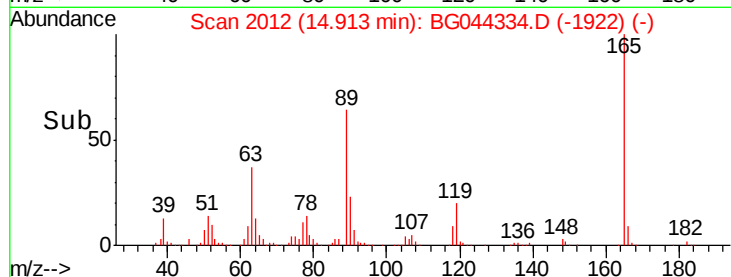
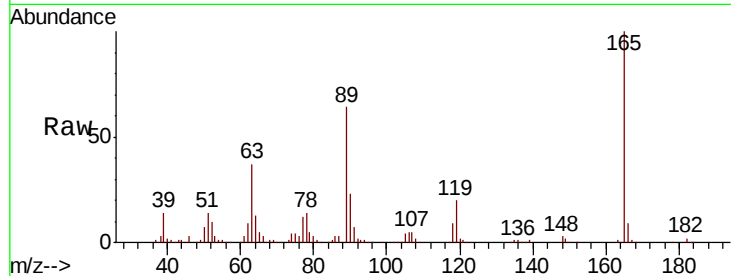
#57
2,4-Dinitrotoluene
Concen: 39.851 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232111		
63	36.9	30.3	45.5	
89	63.7	53.4	80.2	
182	2.5	2.1	3.1	

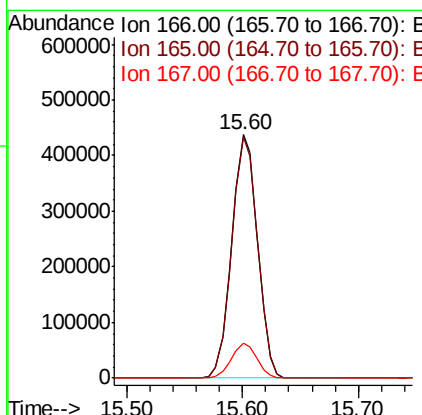
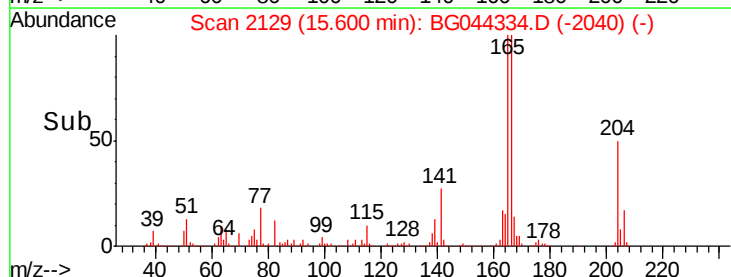
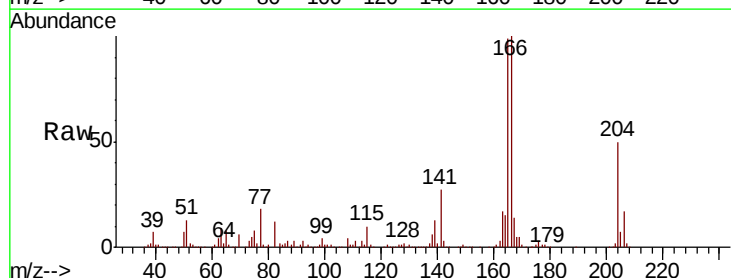
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#58
Fluorene
Concen: 39.999 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	674875		
165	99.1	79.9	119.9	
167	14.5	11.4	17.0	





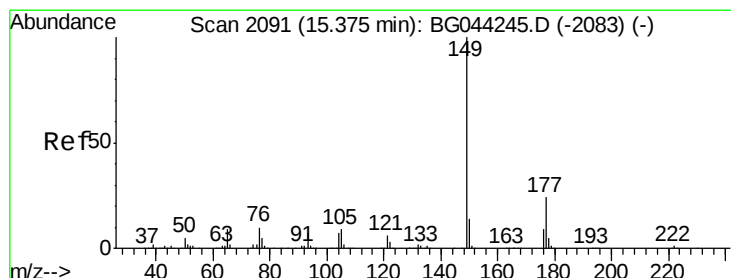
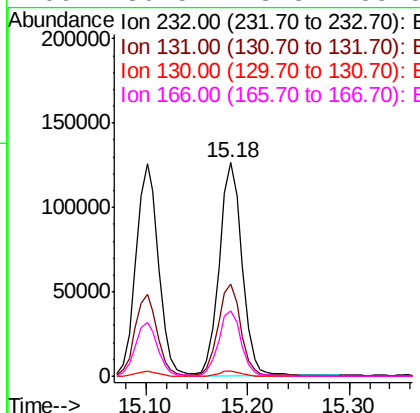
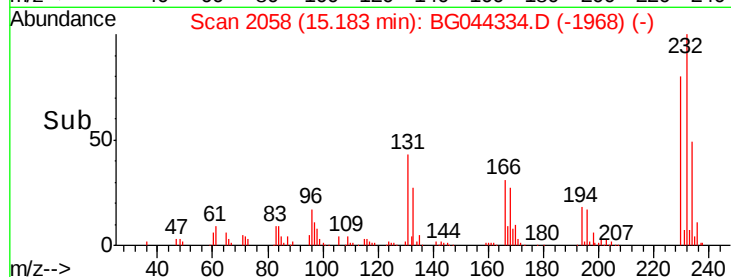
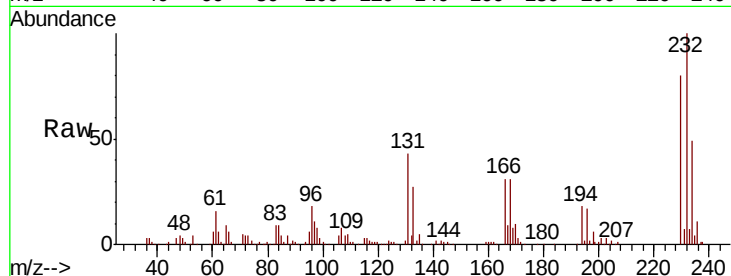
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.606 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197061		
131	43.4		34.2	51.4
130	2.6		1.8	2.8
166	30.5		23.8	35.8

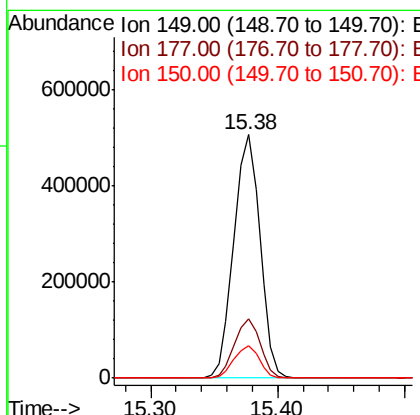
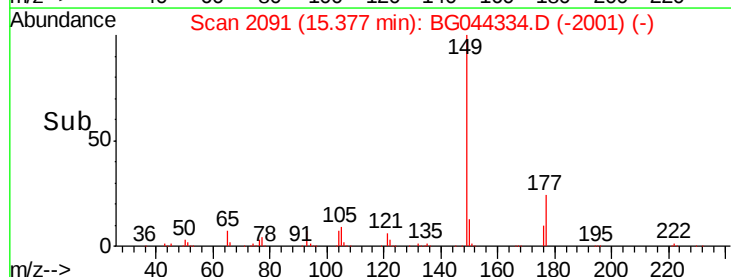
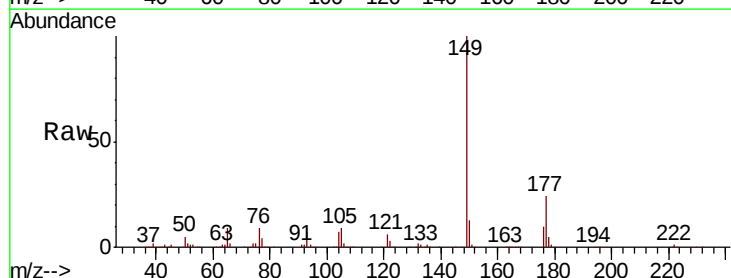
Manual Integrations
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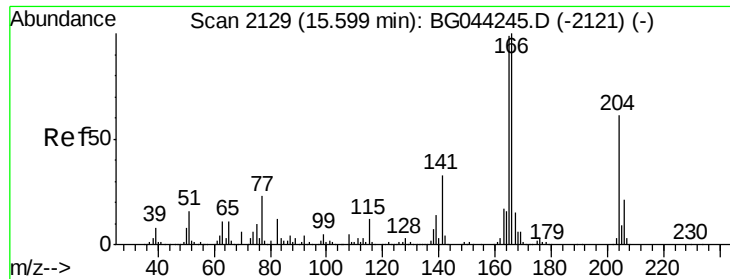
mohammad
 2/11/2020 8:25:51 AM



#60
 Diethylphthalate
 Concen: 38.996 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	724218		
177	24.4		19.4	29.0
150	13.4		10.9	16.3





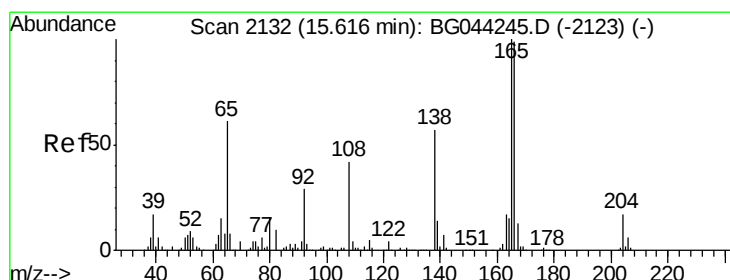
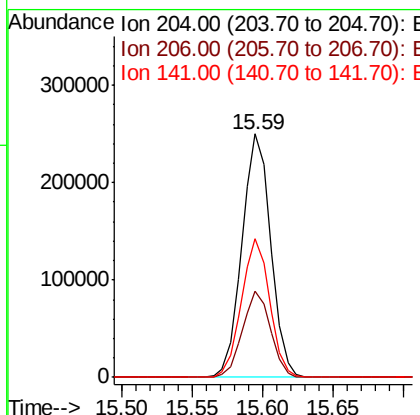
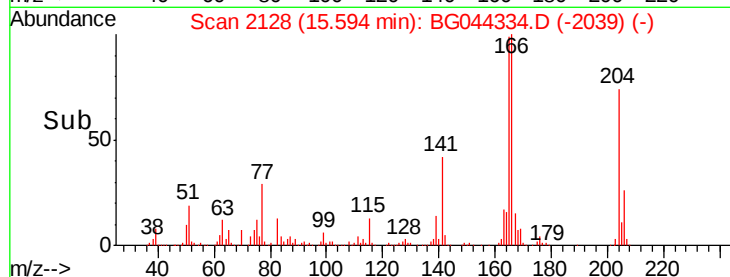
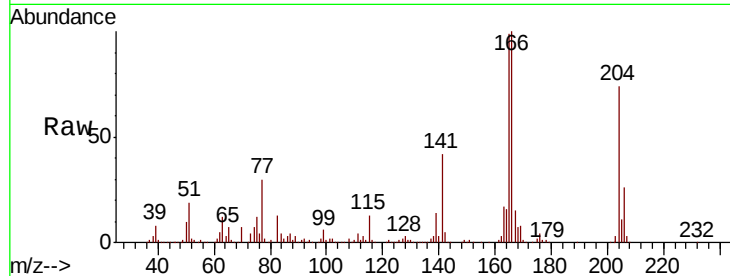
#61
4-Chlorophenyl-phenylether
Concen: 38.975 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.3	27.6	41.4	
141	57.1	43.4	65.0	

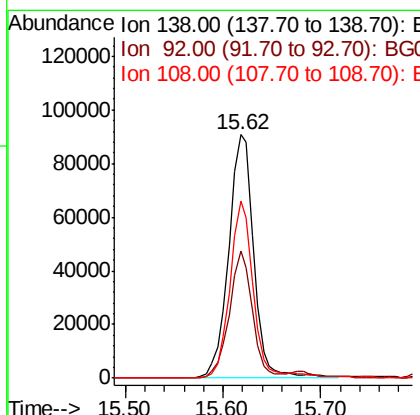
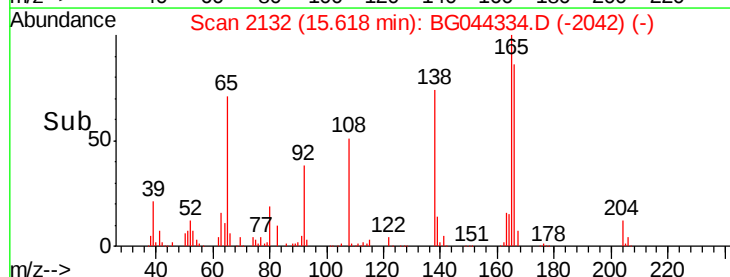
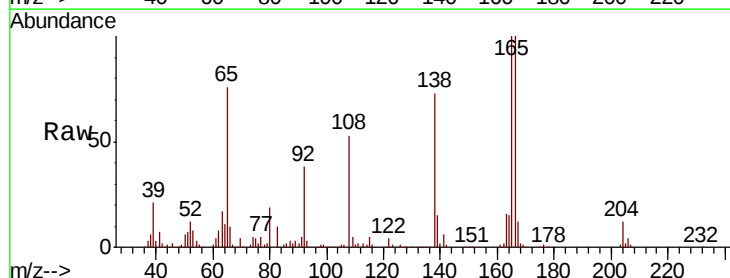
Manual Integrations
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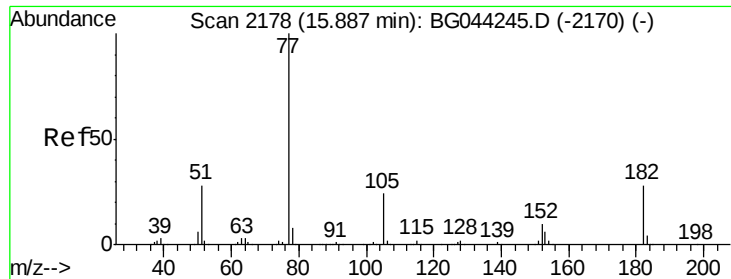
mohammad
2/11/2020 8:25:51 AM



#62
4-Nitroaniline
Concen: 35.337 ng
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.1	31.3	71.3	
108	72.7	52.6	92.6	





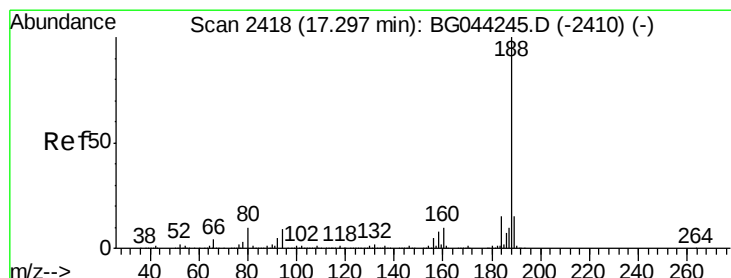
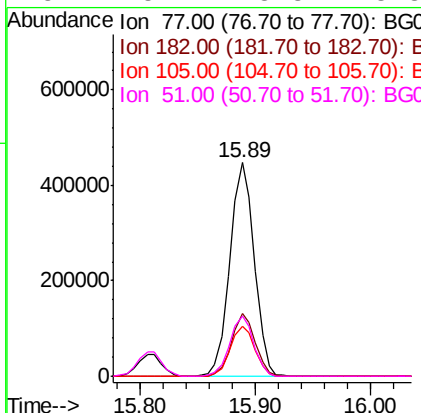
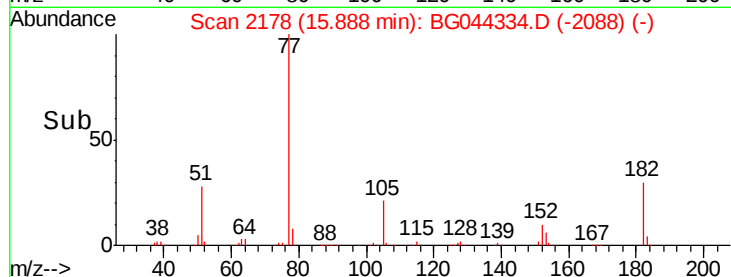
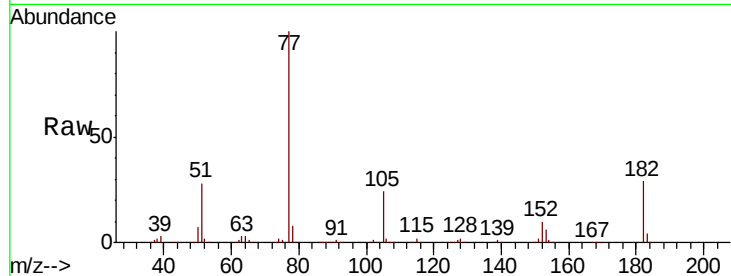
#63
Azobenzene
Concen: 40.029 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		651538		
182	29.2	8.2	48.2		
105	23.5	3.6	43.6		
51	28.2	8.3	48.3		

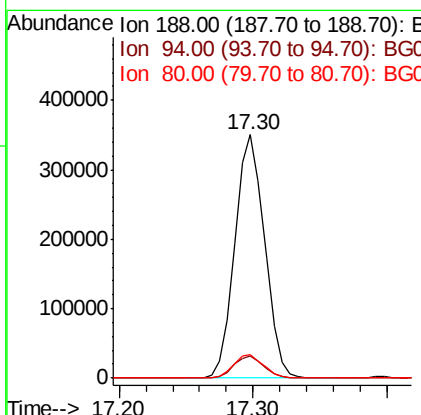
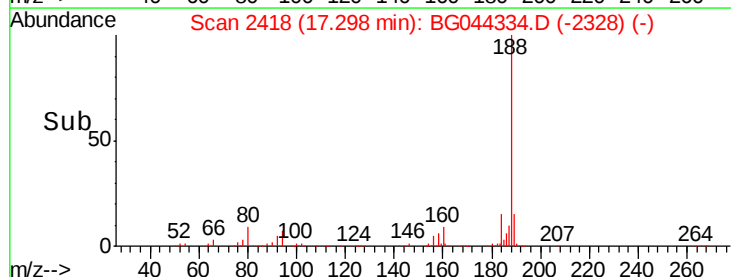
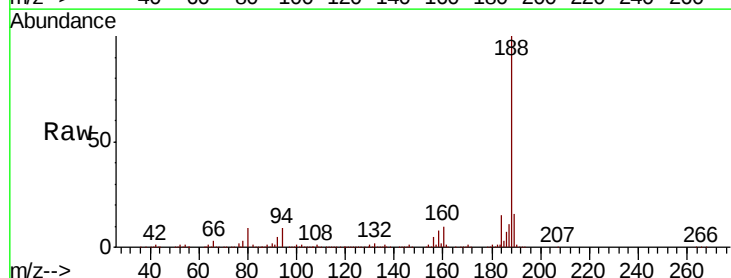
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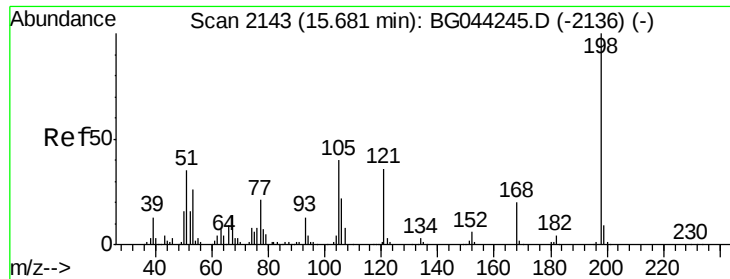
mohammad
2/11/2020 8:25:51 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		541023		
94	9.2	7.4	11.2		
80	9.4	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.449 ng

RT: 15.68 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

ClientSampleId :

PB126649BS

Tot Ion:198 Resp: 144690

Ion Ratio Lower Upper

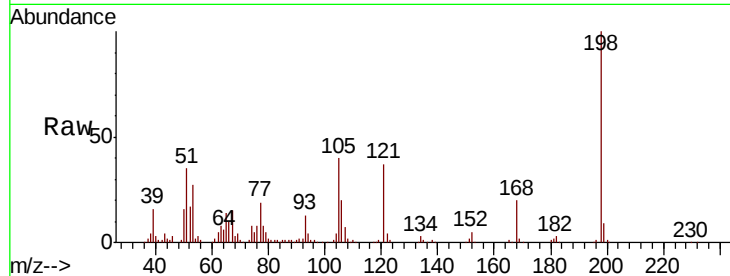
198 100

51 35.0 16.6 56.6

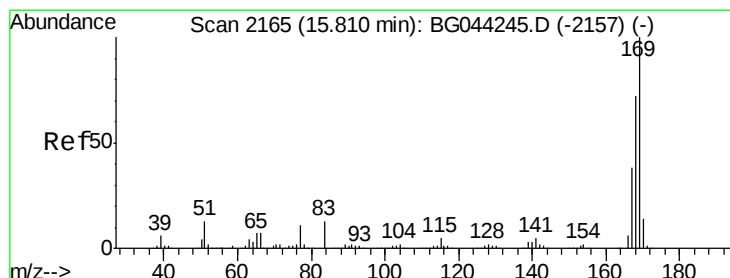
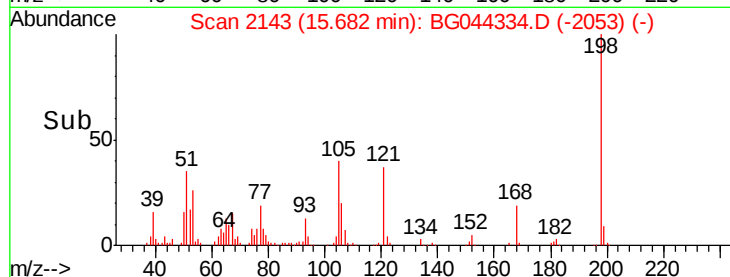
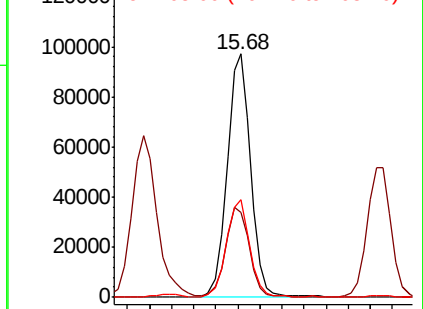
105 40.3 20.6 60.6

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



#66

n-Nitrosodiphenylamine

Concen: 41.547 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

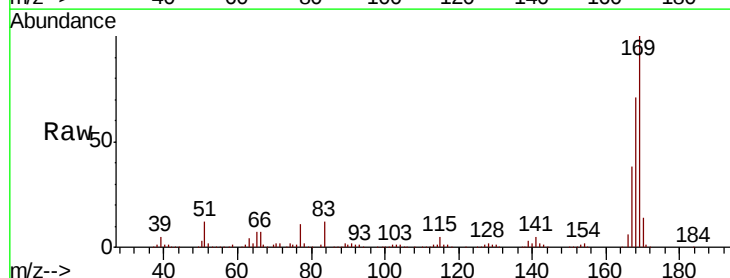
Tgt Ion:169 Resp: 629928

Ion Ratio Lower Upper

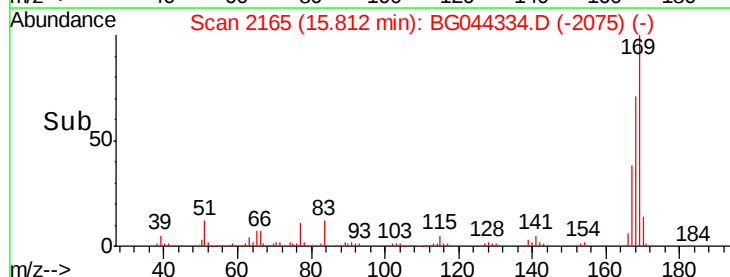
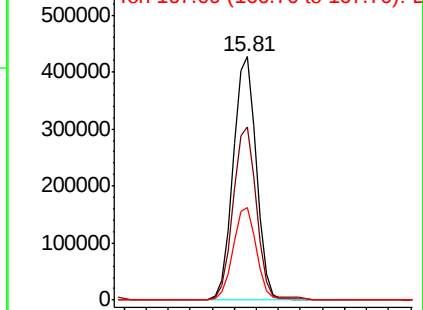
169 100

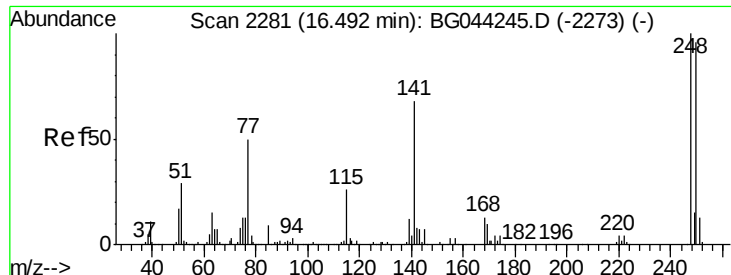
168 71.0 57.9 86.9

167 38.1 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





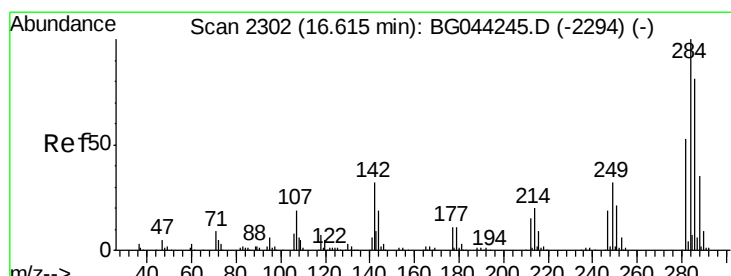
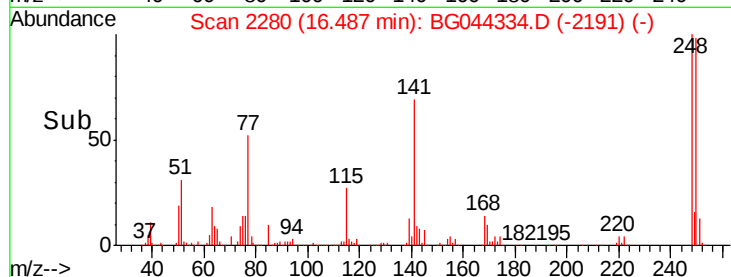
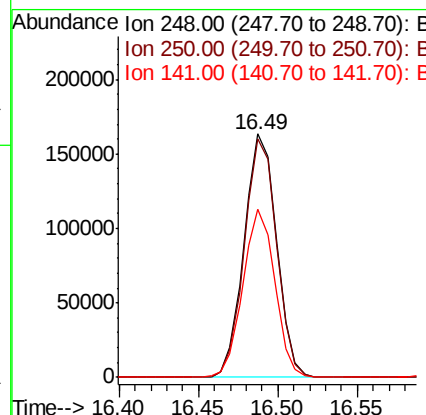
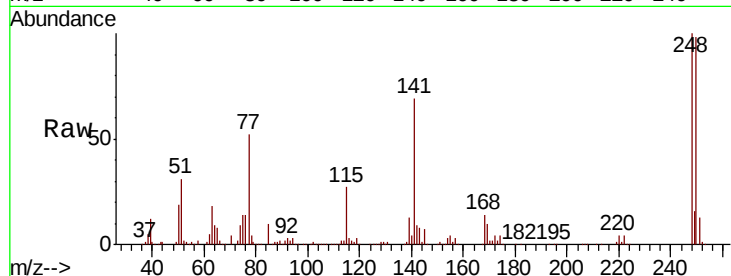
#67
 4-Bromophenyl-phenylether
 Concen: 39.410 ng
 RT: 16.49 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.6	114.8
141	69.2	54.7	82.1

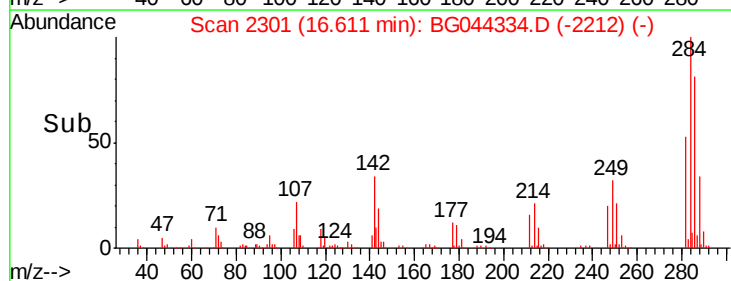
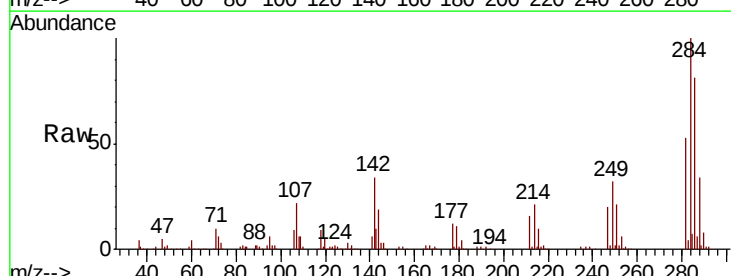
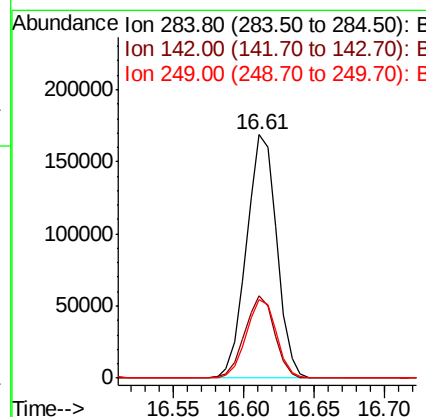
Manual Integrations
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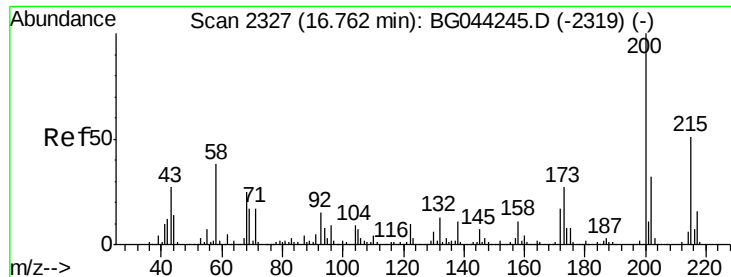
mohammad
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#68
 Hexachlorobenzene
 Concen: 38.438 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	25.3	37.9
249	32.3	25.5	38.3





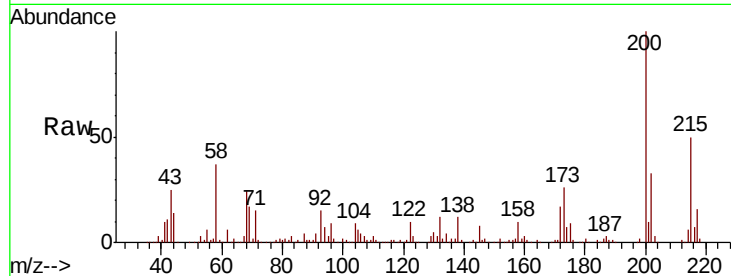
#69
 Atrazine
 Concen: 45.010 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	6.6	46.6
215	49.8	31.0	71.0

Manual Integrations
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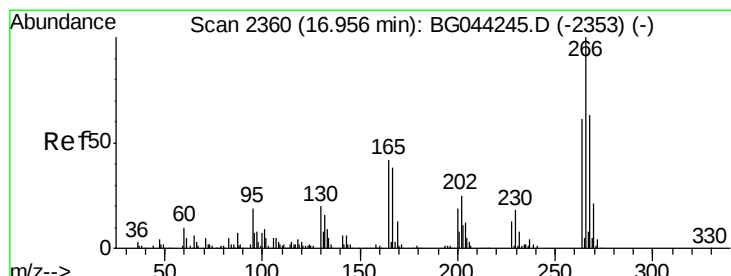
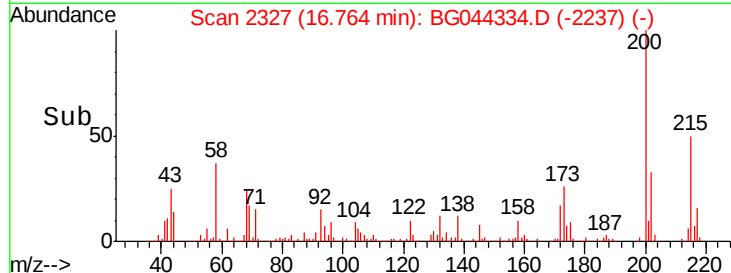
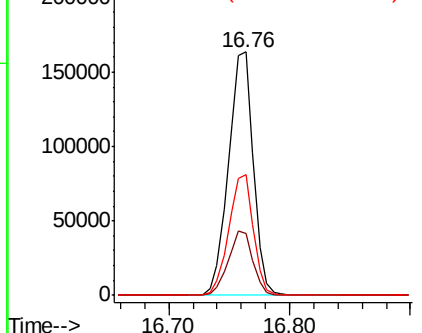


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 87.344 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

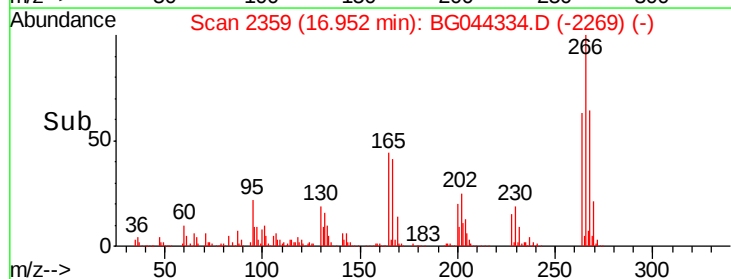
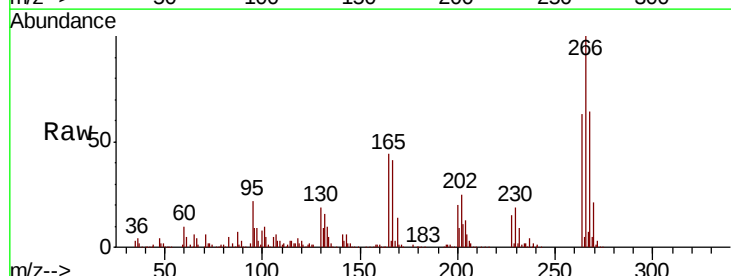
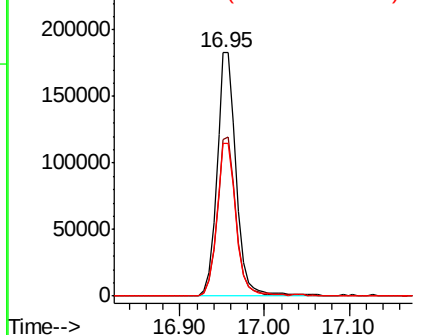
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	50.6	75.8
264	62.6	48.7	73.1

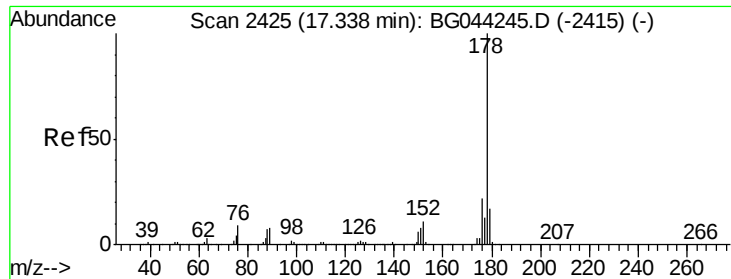
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





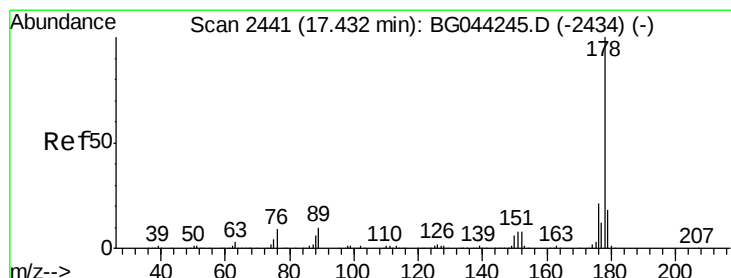
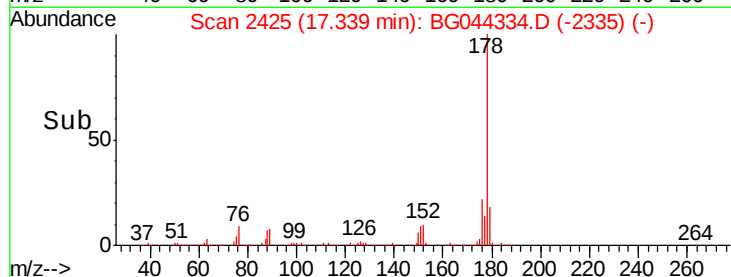
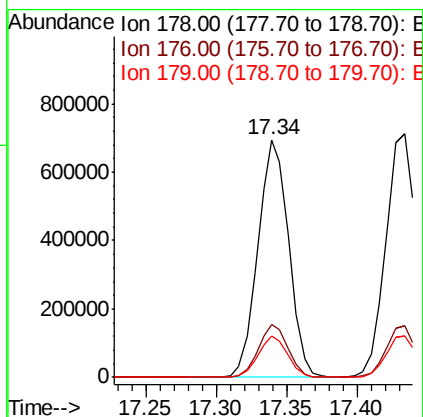
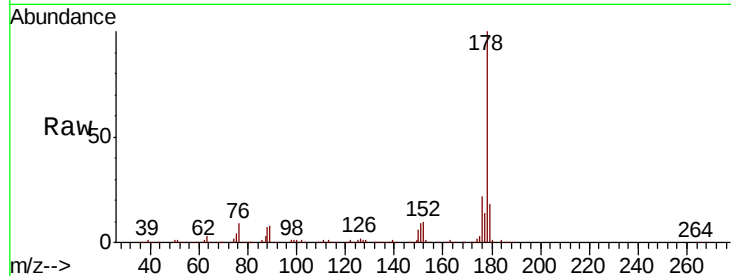
#71
Phenanthrene
Concen: 40.517 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion:178 Resp: 1061484
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.5 13.7 20.5

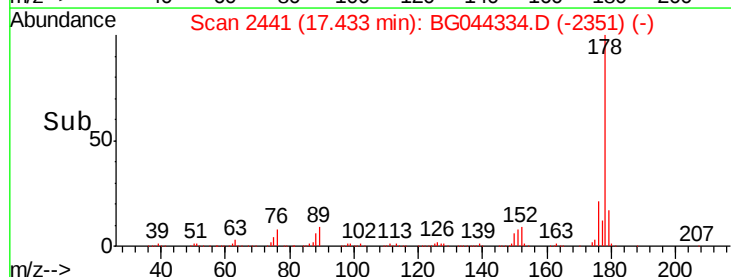
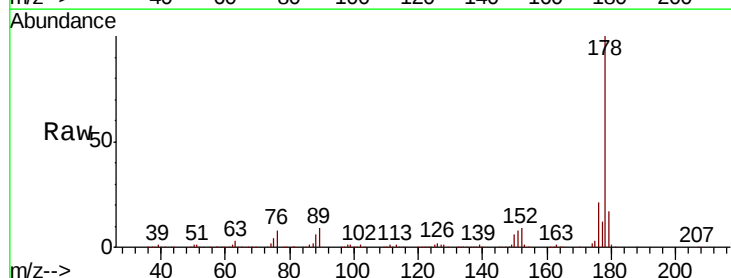
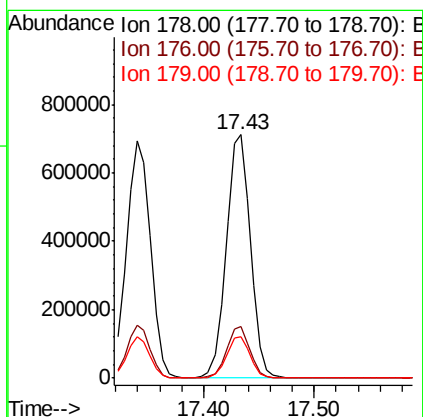
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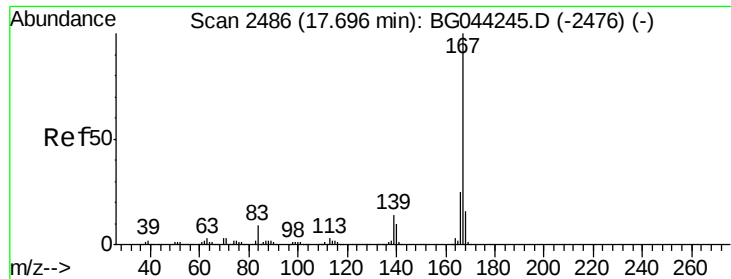
mohammad
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#72
Anthracene
Concen: 42.054 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion:178 Resp: 1089235
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.1 14.4 21.6





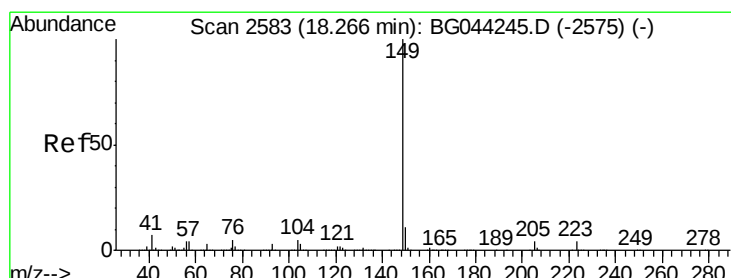
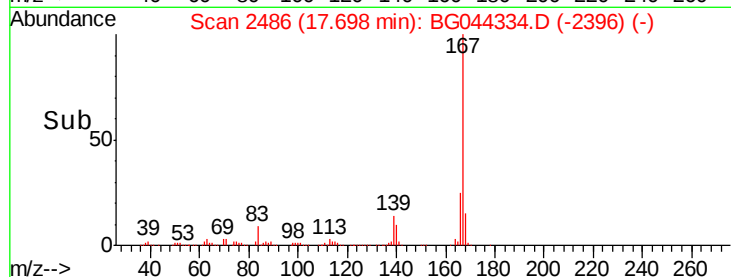
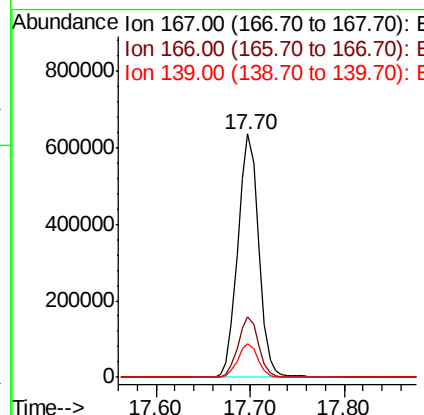
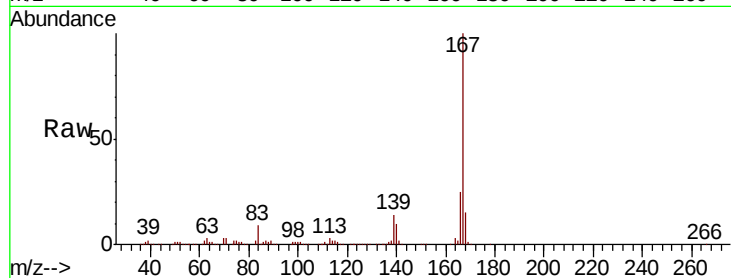
#73
 Carbazole
 Concen: 41.250 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.8	29.6
139	13.9	11.1	16.7

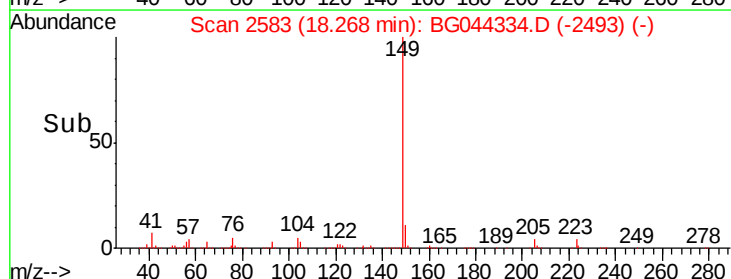
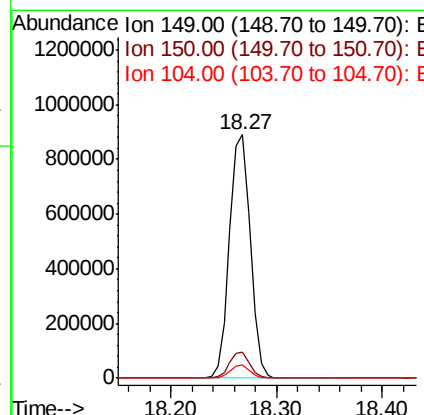
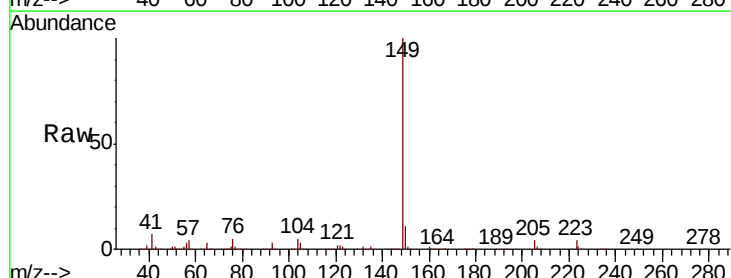
Manual Integrations
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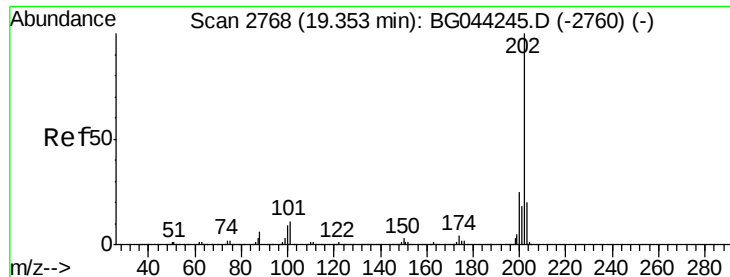
mohammad
 2/11/2020 8:25:51 AM



#74
 Di-n-butylphthalate
 Concen: 41.236 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 41.391 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

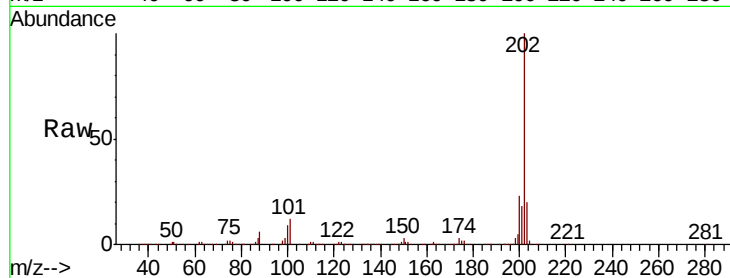
ClientSampleId :

PB126649BS

Tot Ion:	202	Resp:	1254421
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.3
203	19.9	0.0	39.9

Manual Integrations
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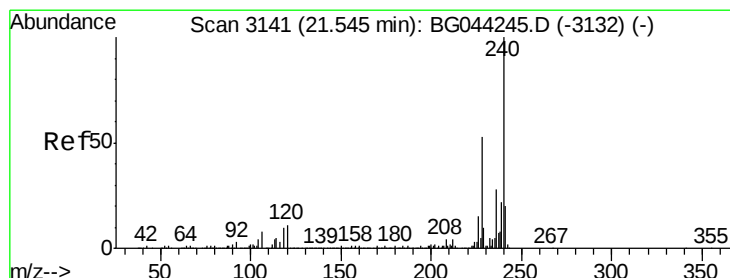
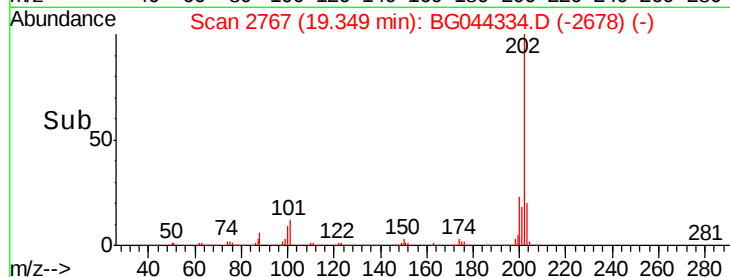
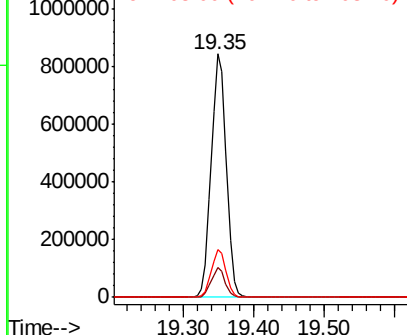


Abundance

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: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

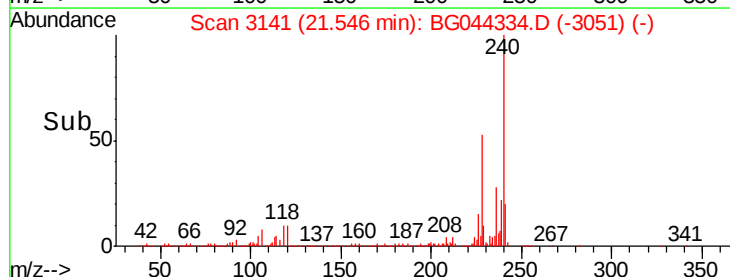
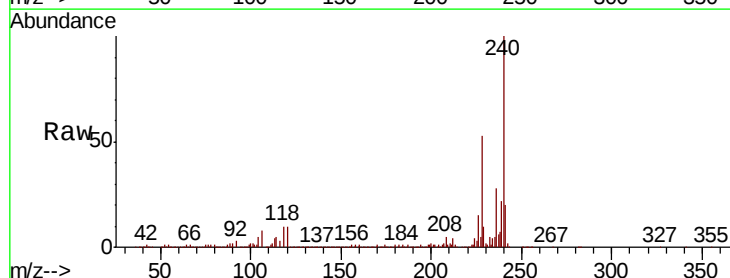
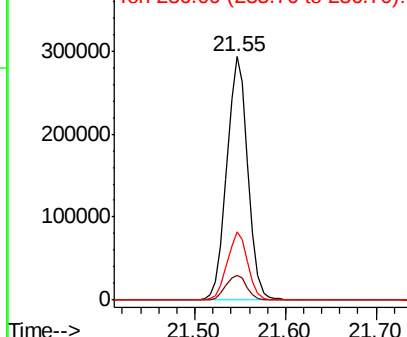
Tgt Ion:	240	Resp:	470281
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.9	22.1	33.1

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: 24.518 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

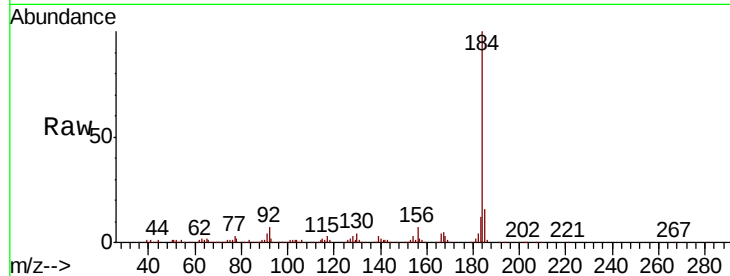
ClientSampleId :

PB126649BS

Tot Ion:	184	Resp:	319821
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.9	19.3
183	12.0	10.8	16.2

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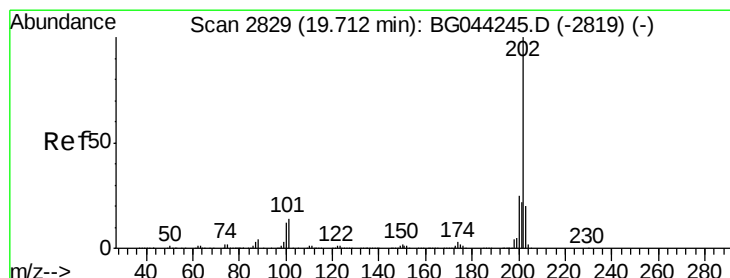
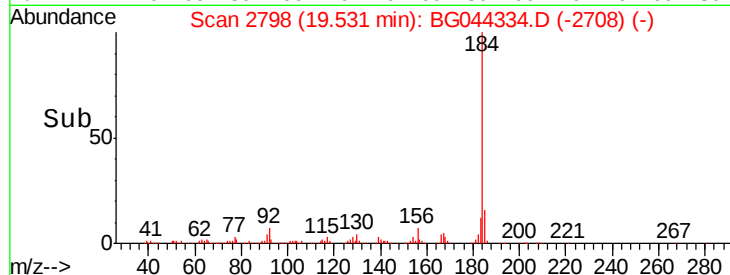
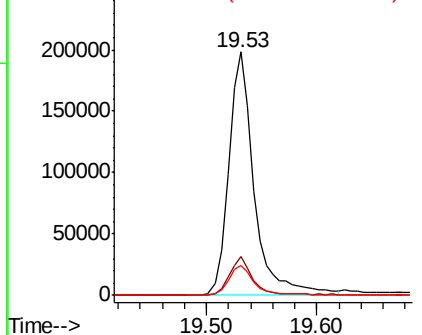


Abundance

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: 41.459 ng

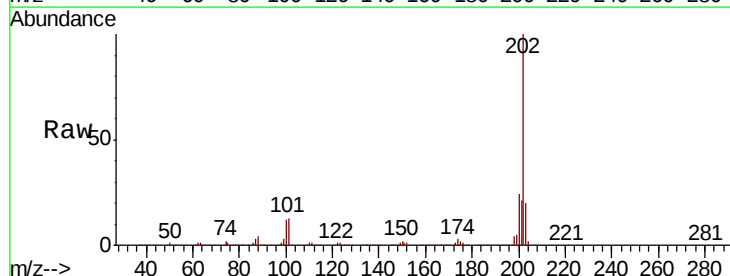
RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Tgt Ion:	202	Resp:	1252139
Ion Ratio	Lower	Upper	
202	100		
200	23.9	20.0	30.0
203	19.7	16.2	24.2

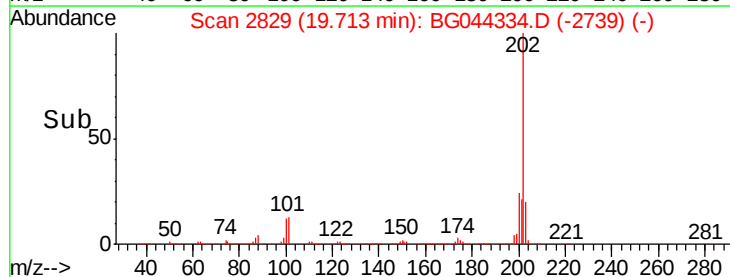
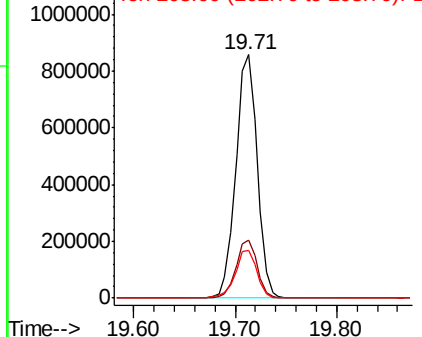


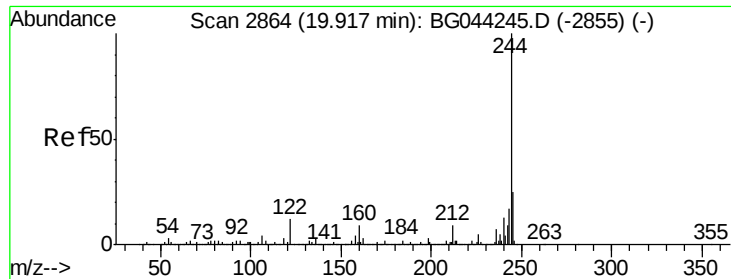
Abundance

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





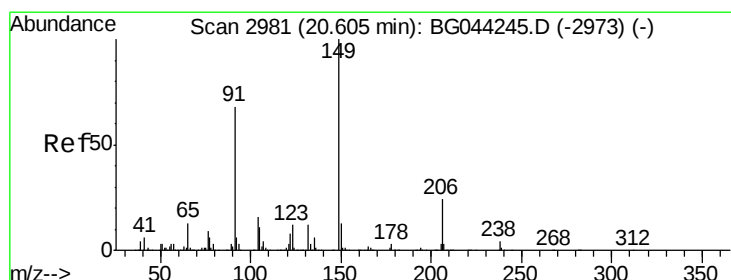
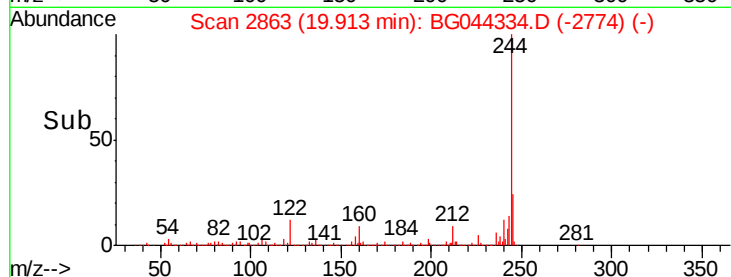
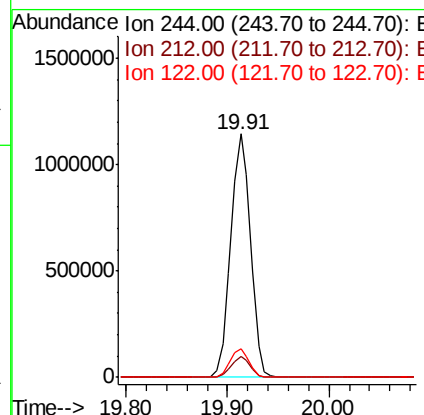
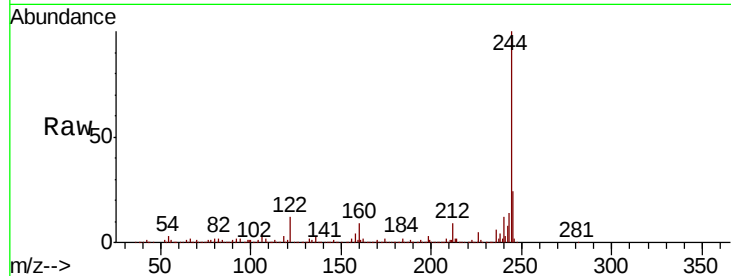
#79
 Terphenyl-d14
 Concen: 67.845 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion:244 Resp: 1551207
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.2
 122 11.9 9.8 14.6

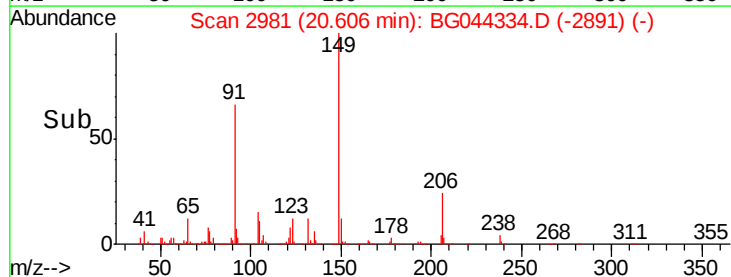
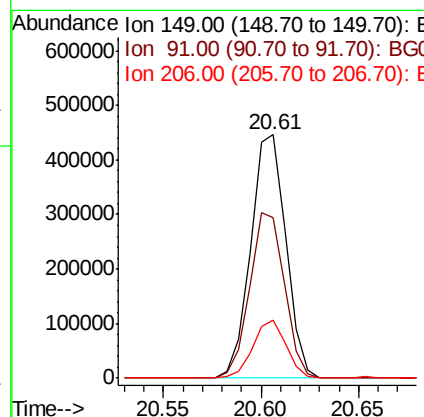
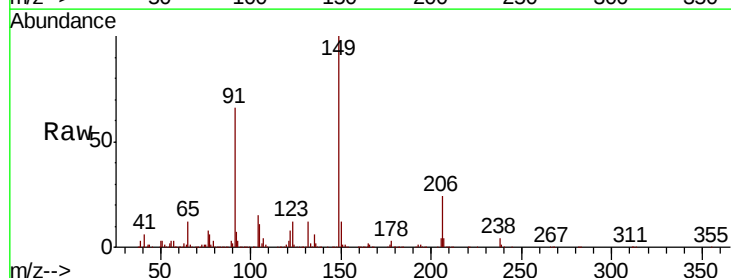
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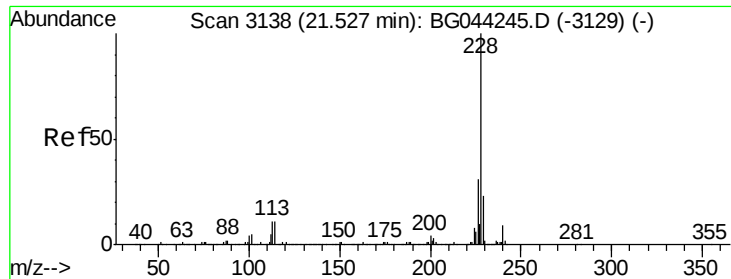
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.386 ng
 RT: 20.61 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion:149 Resp: 555838
 Ion Ratio Lower Upper
 149 100
 91 65.8 54.5 81.7
 206 23.8 19.1 28.7





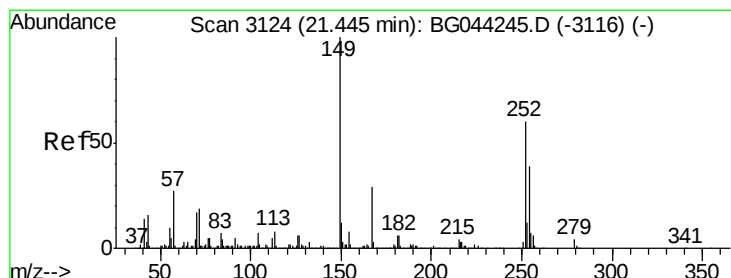
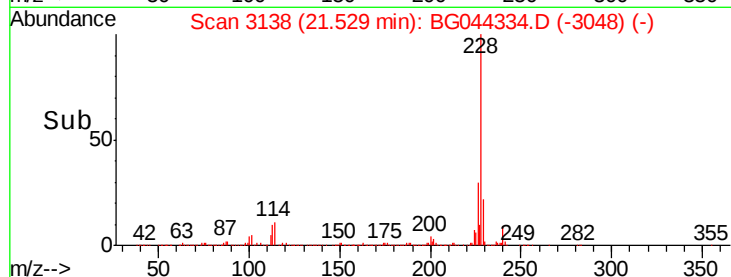
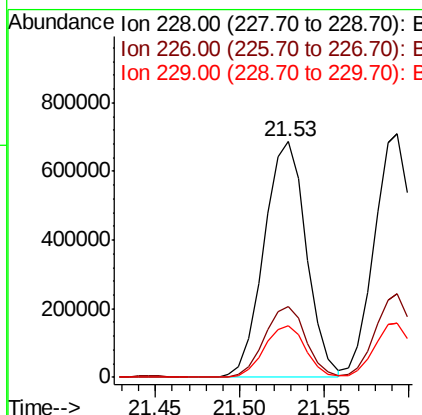
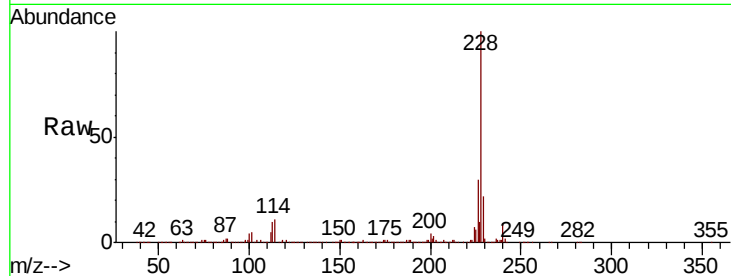
#81
Benzo(a)anthracene
Concen: 41.117 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion:228 Resp: 1191726
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.9 18.2 27.4

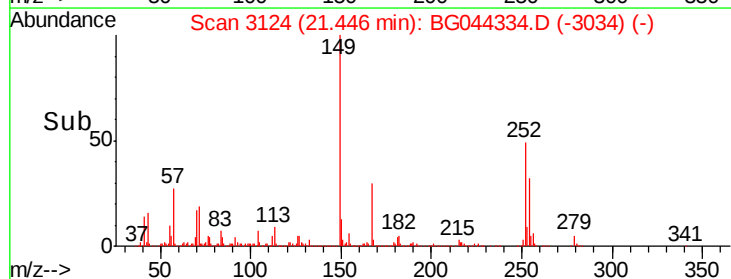
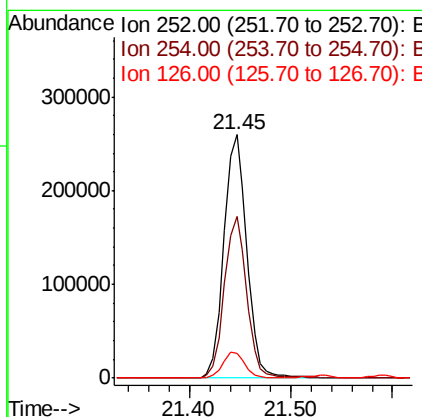
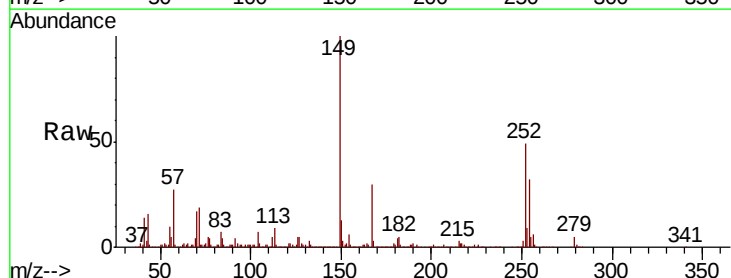
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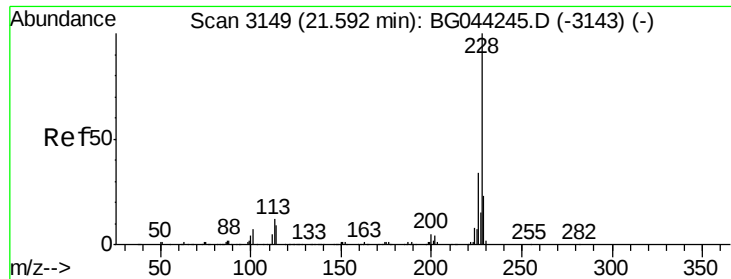
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 36.201 ng
RT: 21.45 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion:252 Resp: 407218
Ion Ratio Lower Upper
252 100
254 66.5 52.6 78.8
126 10.0 8.2 12.4





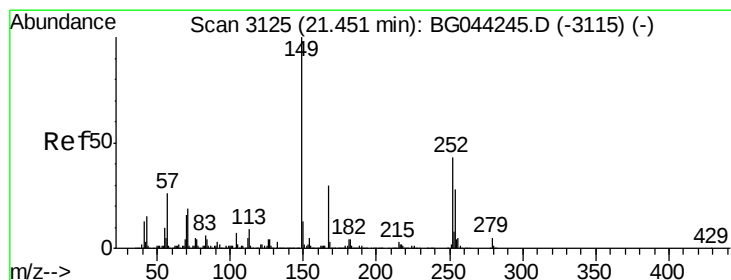
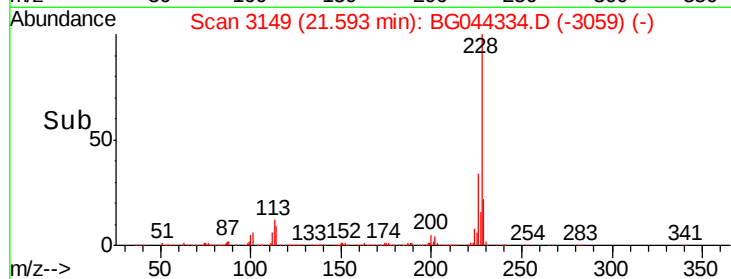
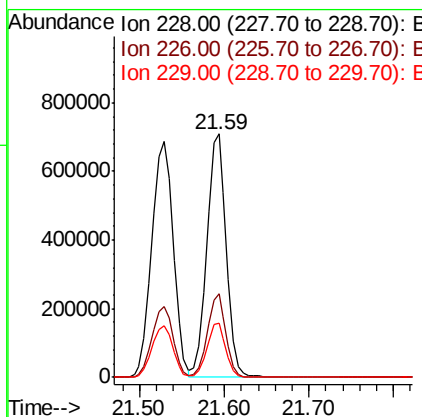
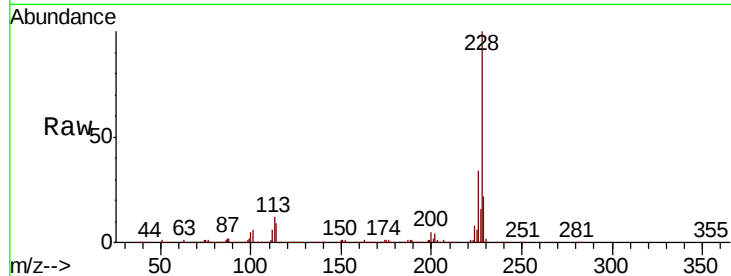
#83
 Chrvsene
 Concen: 40.648 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126649BS

Tot Ion:228 Resp: 1138781
 Ion Ratio Lower Upper
 228 100
 226 34.2 27.1 40.7
 229 22.0 17.9 26.9

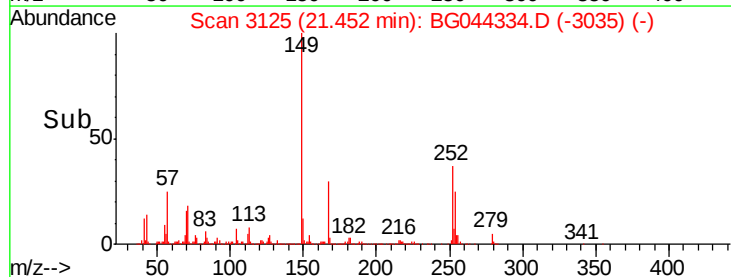
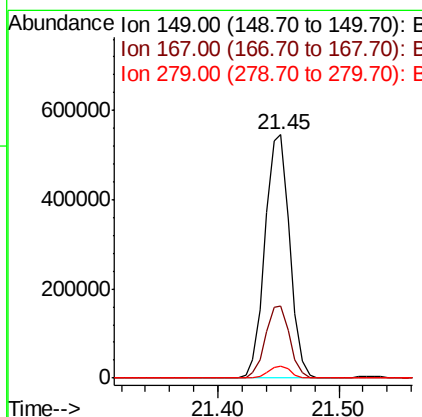
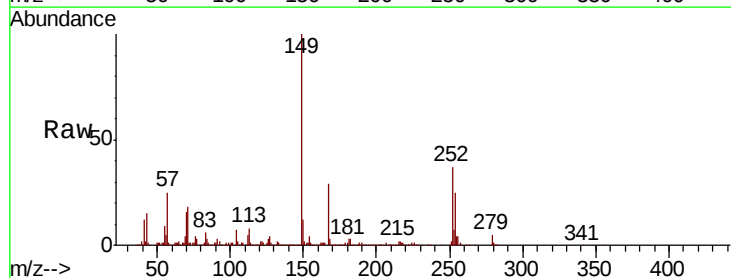
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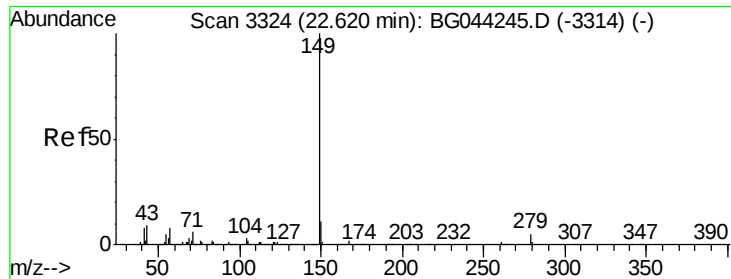
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.064 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. 0.00 min
 Lab File: BG044334.D
 Acq: 7 Feb 2020 13:02

Tgt Ion:149 Resp: 777913
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.0 36.0
 279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.938 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

Instrument :

BNA_G

ClientSampleId :

PB126649BS

Tot Ion:149 Resp: 1374614

Ion Ratio Lower Upper

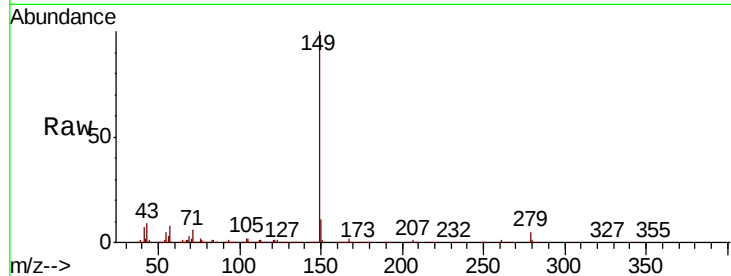
149 100

167 1.7 1.3 1.9

43 8.9 7.4 11.0

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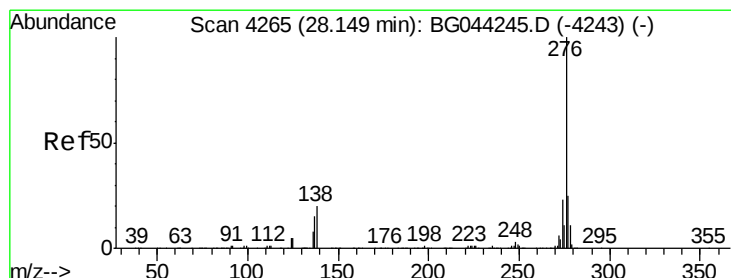
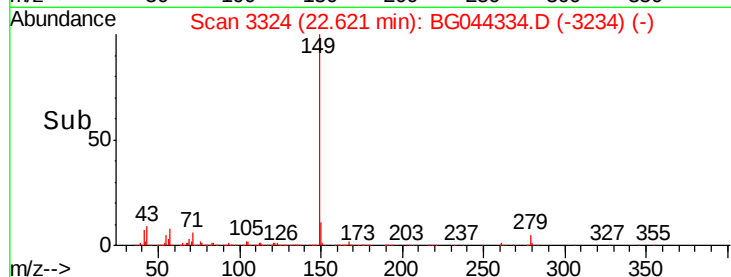
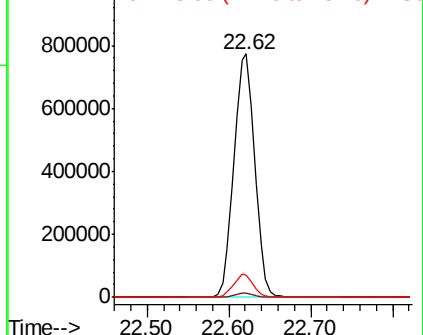
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.765 ng

RT: 28.15 min Scan# 4265

Delta R.T. 0.00 min

Lab File: BG044334.D

Acq: 7 Feb 2020 13:02

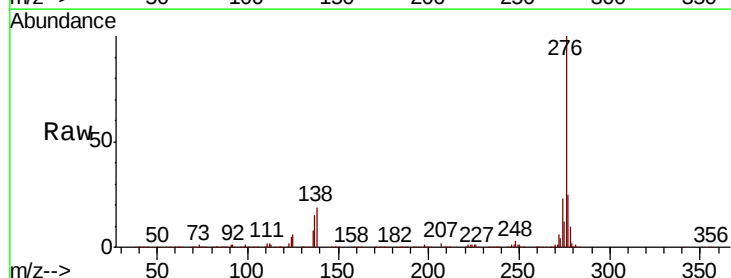
Tgt Ion:276 Resp: 1453415

Ion Ratio Lower Upper

276 100

138 24.9 19.4 29.0

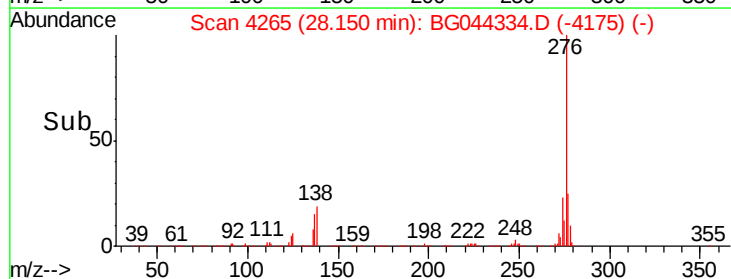
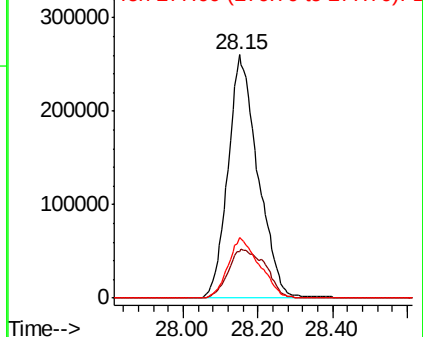
277 26.0 21.0 31.6

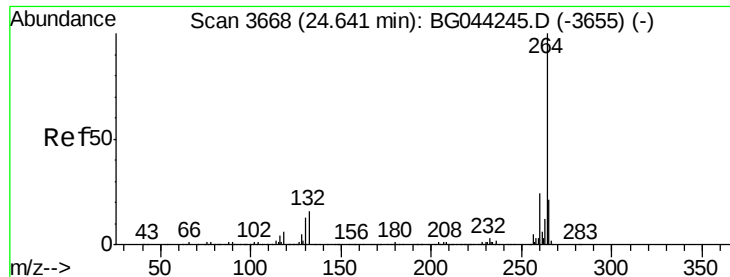


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





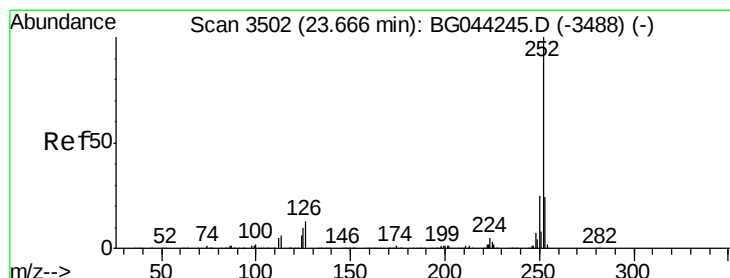
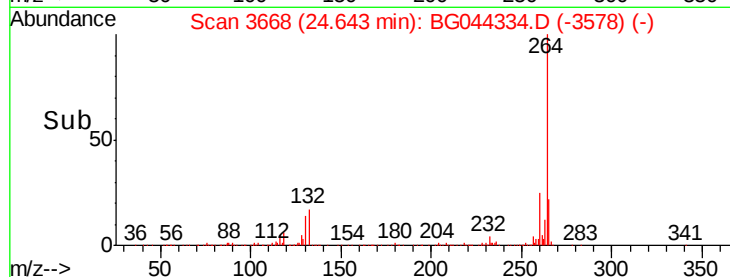
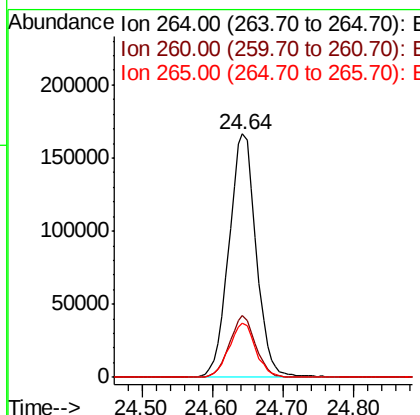
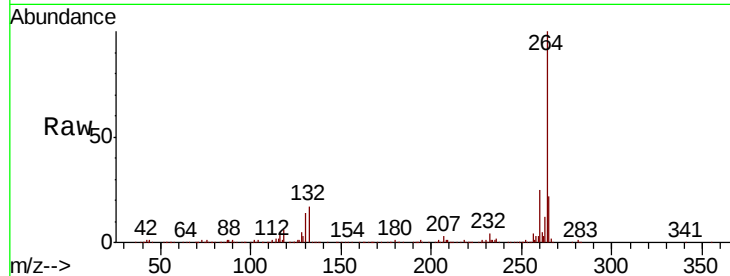
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.1	16.7	25.1

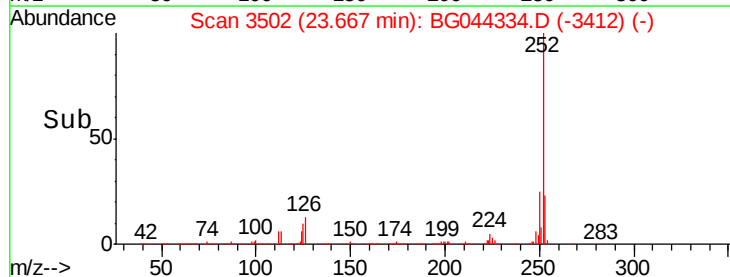
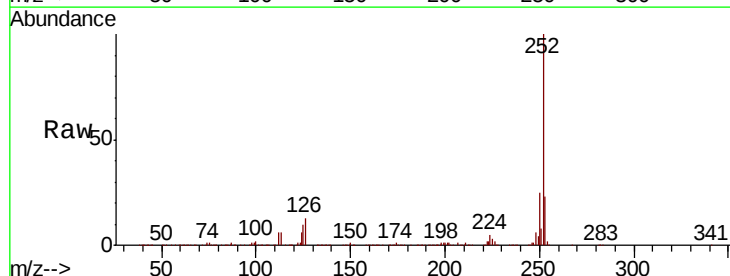
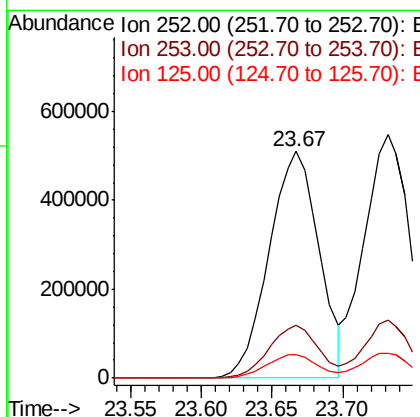
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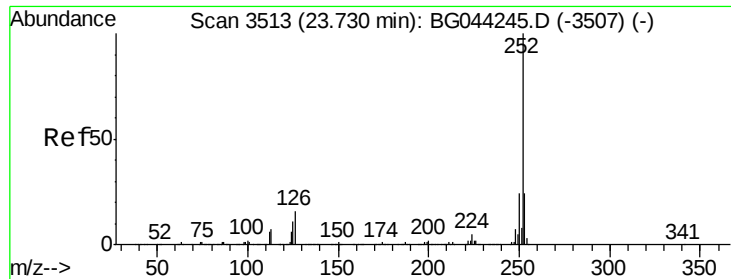
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.039 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	10.5	8.4	12.6





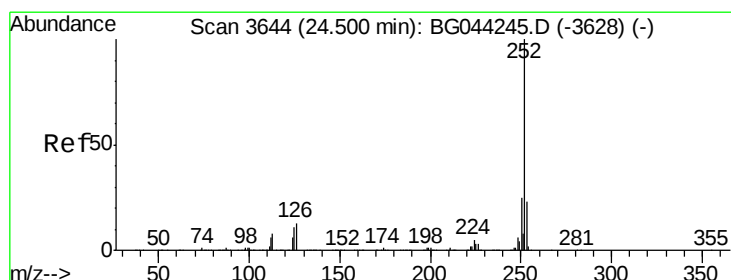
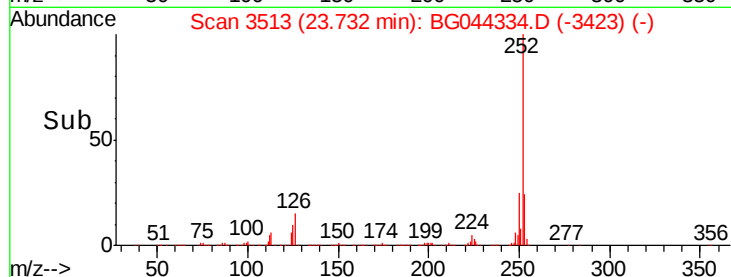
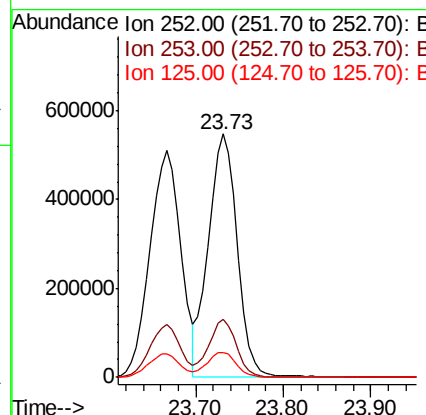
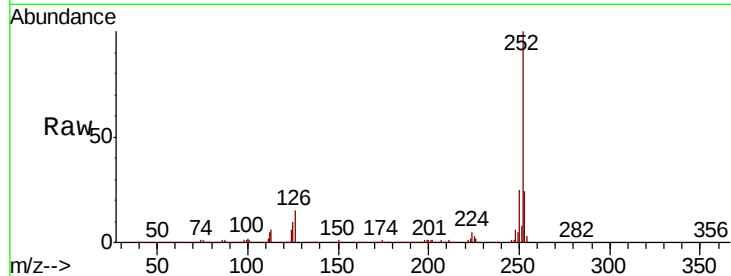
#89
Benzo(k)fluoranthene
Concen: 50.086 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	10.4	8.6	12.8

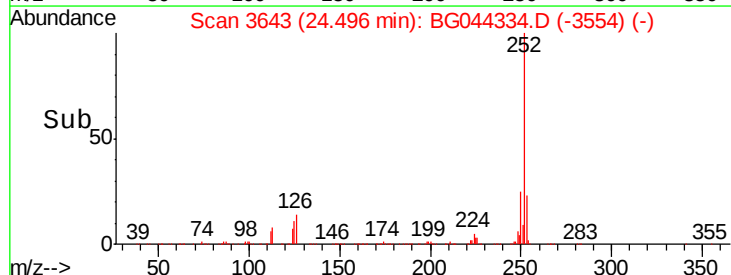
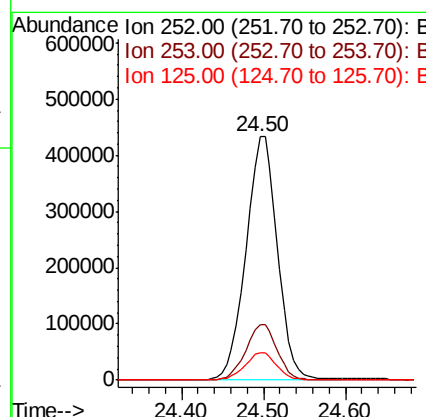
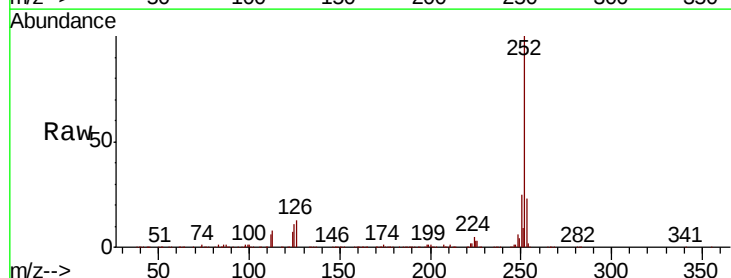
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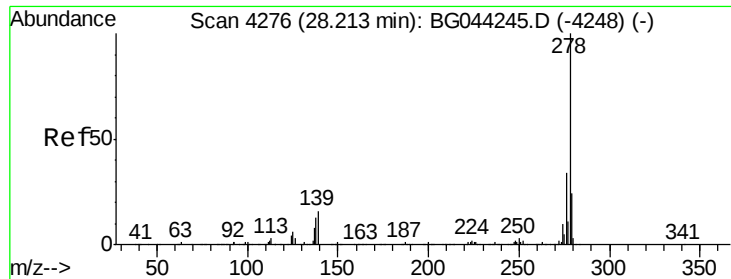
mohammad
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#90
Benzo(a)pyrene
Concen: 47.738 ng
RT: 24.50 min Scan# 3643
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.4	8.6	13.0





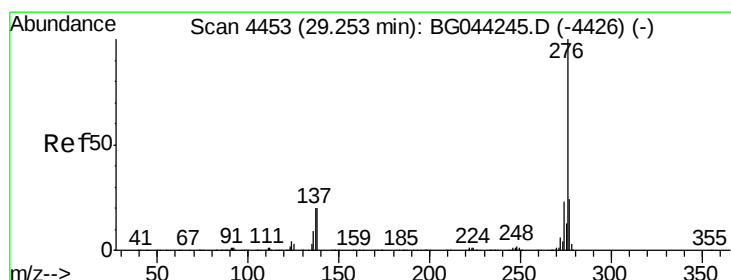
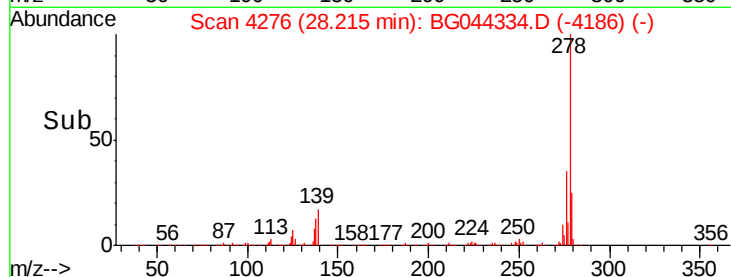
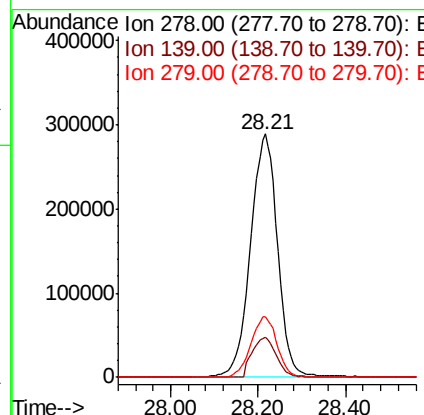
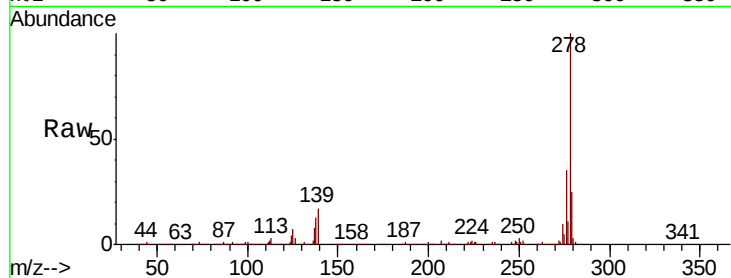
#91
Dibenzo(a,h)anthracene
Concen: 50.223 ng
RT: 28.21 min Scan# 4276
Delta R.T. 0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Instrument :
BNA_G
ClientSampleId :
PB126649BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.7	19.1
279	24.8	19.3	28.9

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2/11/2020 8:25:51 AM



#92
Benzo(g,h,i)perylene
Concen: 50.877 ng
RT: 29.25 min Scan# 4452
Delta R.T. -0.00 min
Lab File: BG044334.D
Acq: 7 Feb 2020 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.1	16.2	24.2

