

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044285.D
 Acq On : 4 Feb 2020 17:56
 Operator : CG/JU
 Sample : PB126573BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Manual Integrations
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 2/6/2020 2:17:54 PM

Quant Time: Feb 05 04:52:12 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	95973	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	401764	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	247558	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	571863	20.00	ng	0.00
76) Chrysene-d12	21.55	240	563035	20.00	ng	0.00
87) Perylene-d12	24.65	264	431353	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	695294	127.86	ng	0.00
7) Phenol-d6	7.09	99	957272	131.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	541207	76.05	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	378449	130.22	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1207057	81.65	ng	0.00
79) Terphenyl-d14	19.92	244	1804832	65.93	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	81105	33.195 ng	99
3) Pyridine	3.78	79	211439	32.482 ng	96
4) n-Nitrosodimethylamine	3.69	42	102302	37.609 ng	# 97
6) Aniline	7.24	93	212525	23.446 ng	100
8) 2-Chlorophenol	7.48	128	256442	42.908 ng	99
9) Benzaldehyde	7.05	77	3521	0.847 ng	93
10) Phenol	7.12	94	316581	43.805 ng	99
11) bis(2-Chloroethyl)ether	7.34	93	234512	37.955 ng	95
12) 1,3-Dichlorobenzene	7.81	146	262131	36.735 ng	99
13) 1,4-Dichlorobenzene	7.95	146	262651	37.163 ng	98
14) 1,2-Dichlorobenzene	8.27	146	248952	37.267 ng	98
15) Benzyl Alcohol	8.15	79	217087	41.990 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	315451	37.721 ng	99
17) 2-Methylphenol	8.36	107	221262	42.911 ng	98
18) Hexachloroethane	9.00	117	96555	36.407 ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	188979	38.831 ng	97
20) 3+4-Methylphenols	8.69	107	308823	43.458 ng	99
22) Acetophenone	8.73	105	361654	37.003 ng	# 99
24) Nitrobenzene	9.12	77	265105	38.159 ng	98
25) Isophorone	9.64	82	520232	39.221 ng	100
26) 2-Nitrophenol	9.83	139	149861	41.572 ng	98
27) 2,4-Dimethylphenol	9.90	122	243247	47.802 ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	328819	37.162 ng	99
29) 2,4-Dichlorophenol	10.37	162	257147	41.792 ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	254721	36.103 ng	98
31) Naphthalene	10.77	128	750245	38.489 ng	99
32) Benzoic acid	10.05	122	152592	46.256 ng	91
33) 4-Chloroaniline	10.87	127	163301	18.420 ng	98
34) Hexachlorobutadiene	11.07	225	149878	34.523 ng	98
35) Caprolactam	11.64	113	96470m	42.800 ng	
36) 4-Chloro-3-methylphenol	12.01	107	278123	43.112 ng	99
37) 2-Methylnaphthalene	12.38	142	567031	39.180 ng	99
38) 1-Methylnaphthalene	12.59	142	543989	39.868 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	281328	37.990 ng	99

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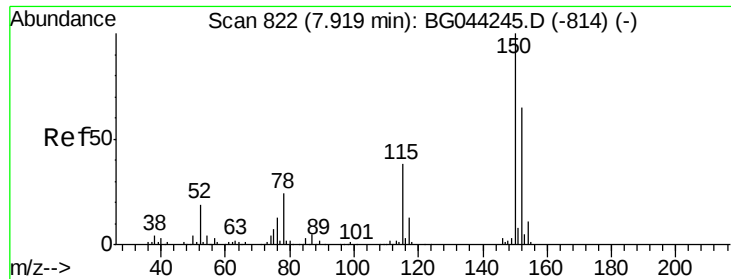
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Quant Time: Feb 05 04:52:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	205755	57.906	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	208874	43.637	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	223747	45.765	nq	99
46) 1,1'-Biphenyl	13.39	154	724335	40.564	nq	100
47) 2-Chloronaphthalene	13.43	162	568034	39.976	nq	99
48) 2-Nitroaniline	13.63	65	173881	41.465	nq	97
49) Acenaphthylene	14.27	152	884955	42.461	nq	100
50) Dimethylphthalate	14.01	163	728827	40.956	nq	100
51) 2,6-Dinitrotoluene	14.12	165	169139	42.629	nq	98
52) Acenaphthene	14.62	154	555374	41.112	nq	98
53) 3-Nitroaniline	14.45	138	121856	27.760	nq	99
54) 2,4-Dinitrophenol	14.66	184	213494	89.778	nq	98
55) Dibenzofuran	14.96	168	866845	42.382	nq	100
56) 4-Nitrophenol	14.77	139	304644	94.743	nq	97
57) 2,4-Dinitrotoluene	14.92	165	240885	43.316	nq	97
58) Fluorene	15.60	166	690671	42.874	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	209720	47.490	nq	99
60) Diethylphthalate	15.38	149	754634	42.559	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	362581	41.511	nq	98
62) 4-Nitroaniline	15.62	138	174653	39.818	nq	98
63) Azobenzene	15.89	77	667627	42.960	nq	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	149394	47.326	nq	97
66) n-Nitrosodiphenylamine	15.81	169	645881	40.302	nq	100
67) 4-Bromophenyl-phenylether	16.49	248	238738	38.318	nq	97
68) Hexachlorobenzene	16.61	284	258832	37.081	nq	98
69) Atrazine	16.76	200	164467	29.941	nq	98
70) Pentachlorophenol	16.95	266	457367	127.628	nq	98
71) Phenanthrene	17.34	178	1114463	40.246	nq	99
72) Anthracene	17.44	178	1112545	40.637	nq	99
73) Carbazole	17.70	167	1041220	41.255	nq	99
74) Di-n-butylphthalate	18.27	149	1282569	41.122	nq	100
75) Fluoranthene	19.35	202	1312960	40.986	nq	100
77) Benzidine	19.53	184	149703	9.586	nq	98
78) Pyrene	19.71	202	1307235	36.153	nq	99
80) Butylbenzylphthalate	20.60	149	617938	37.501	nq	98
81) Benzo(a)anthracene	21.53	228	1277099	36.804	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	343857	25.532	nq	99
83) Chrysene	21.59	228	1206714	35.977	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	847211	37.355	nq	99
85) Di-n-octyl phthalate	22.62	149	1469972	37.459	nq	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1542444	35.248	nq	99
88) Benzo(b)fluoranthene	23.66	252	1332258	53.599	nq	99
89) Benzo(k)fluoranthene	23.73	252	1298641	53.606	nq	99
90) Benzo(a)pyrene	24.50	252	1274358	54.225	nq	99
91) Dibenzo(a,h)anthracene	28.21	278	1256990	54.045	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1291326	55.462	nq	97

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



#1

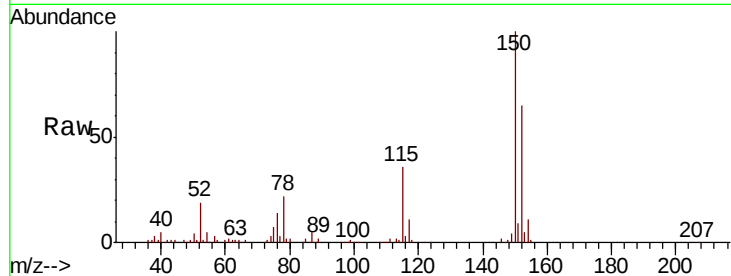
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.6	183.8
115	56.4	46.0	69.0

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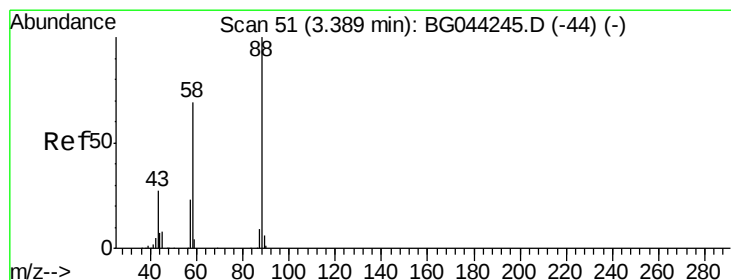
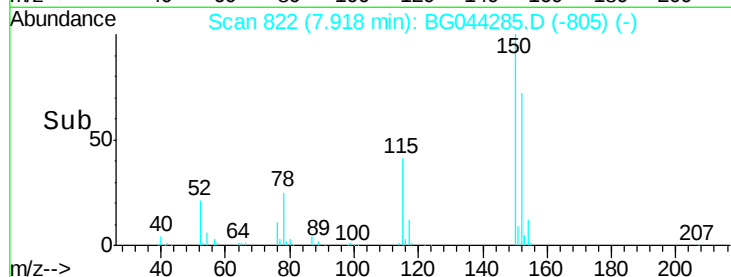
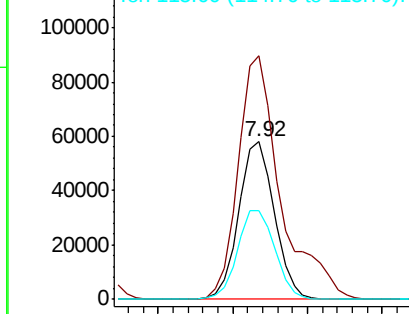


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

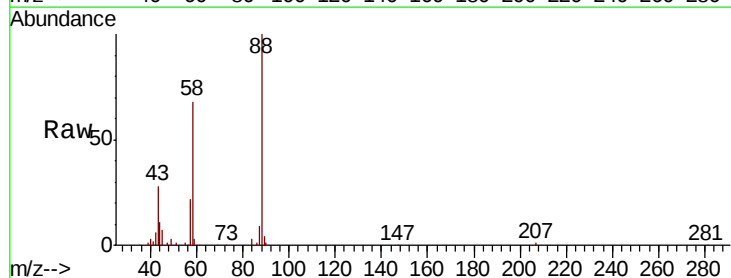
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.195 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	55.8	83.6
43	27.7	21.6	32.4

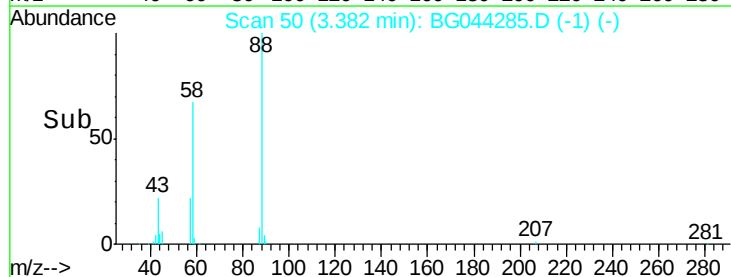
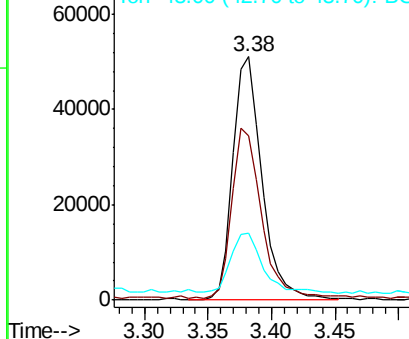


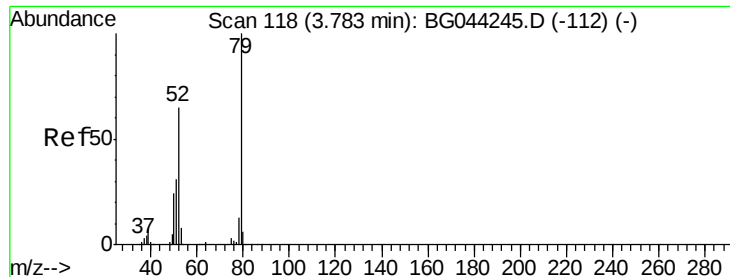
Abundance

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: 32.482 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

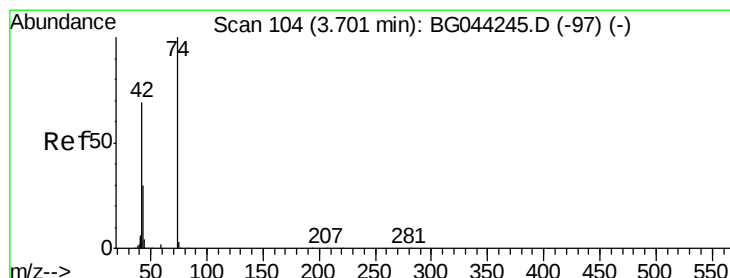
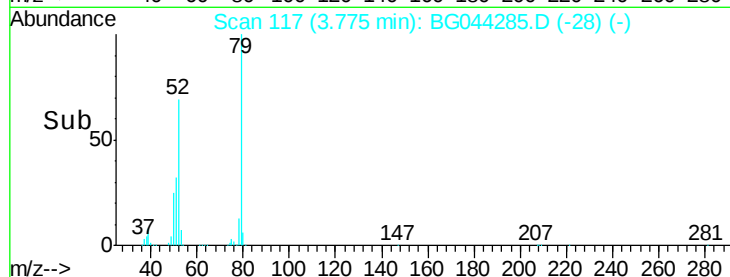
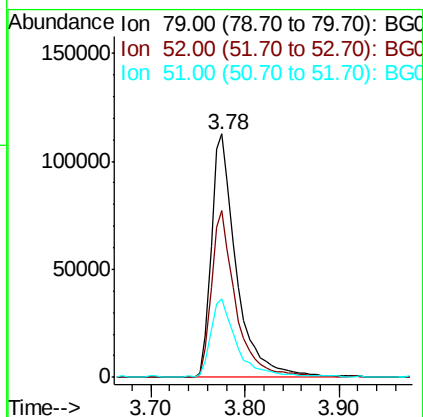
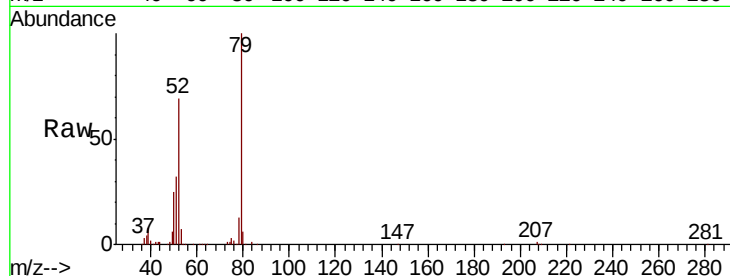
ClientSampleId :

PB126573BS

Tot Ion:	79	Resp:	211439
Ion	Ratio	Lower	Upper
79	100		
52	68.5	51.9	77.9
51	32.4	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 37.609 ng

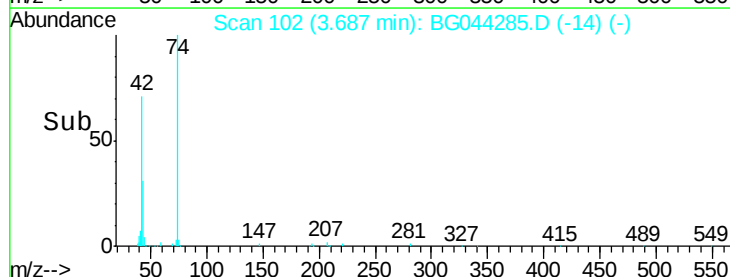
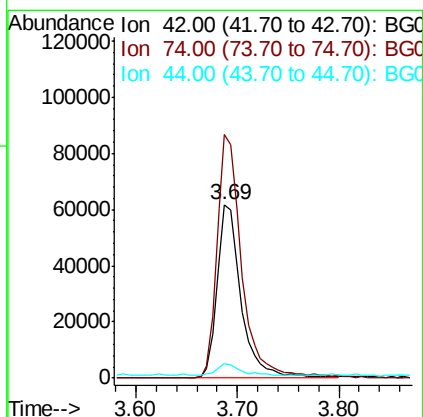
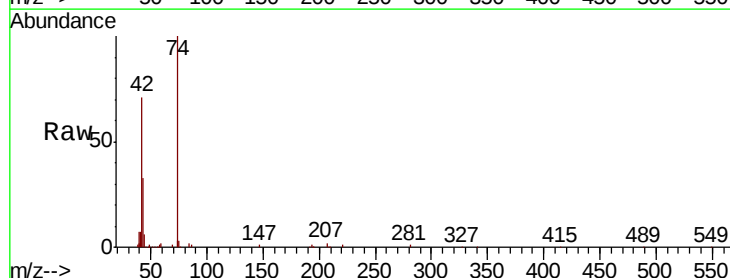
RT: 3.69 min Scan# 102

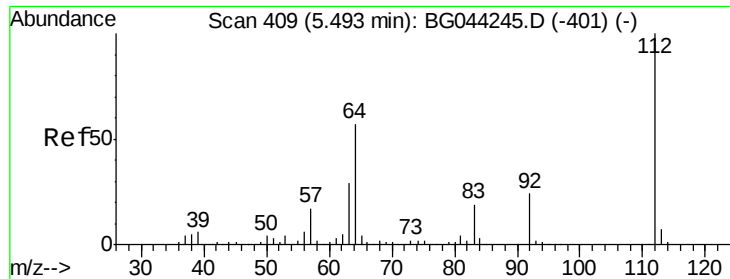
Delta R.T. -0.01 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	42	Resp:	102302
Ion	Ratio	Lower	Upper
42	100		
74	140.6	115.1	172.7
44	8.4	5.6	8.4#





#5

2-Fluorophenol

Concen: 127.857 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

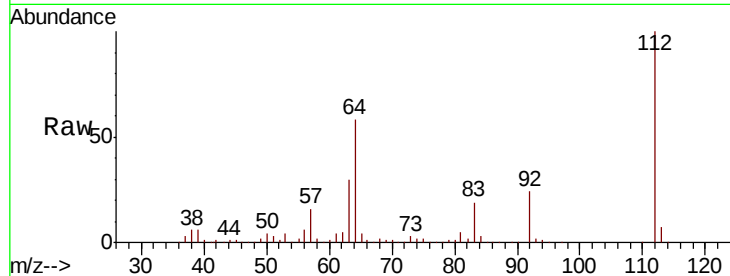
ClientSampled :

PB126573BS

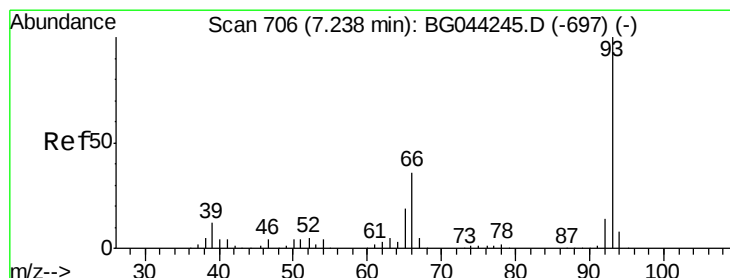
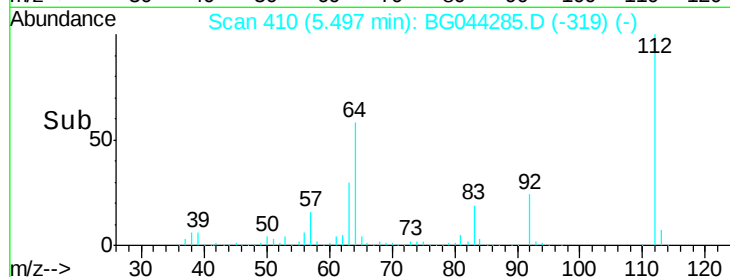
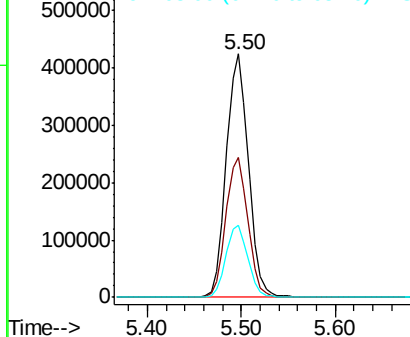
Tot Ion:	112	Resp:	695294
Ion Ratio	Lower	Upper	
112	100		
64	57.7	45.4	68.2
63	29.8	22.9	34.3

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.446 ng

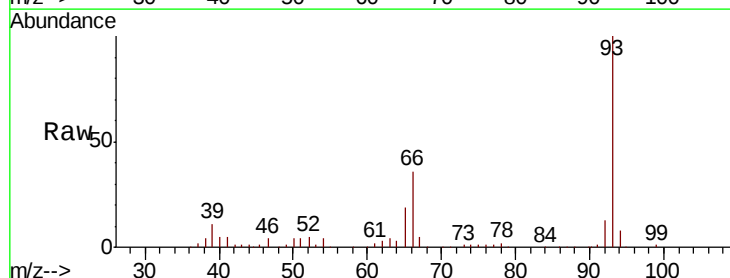
RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

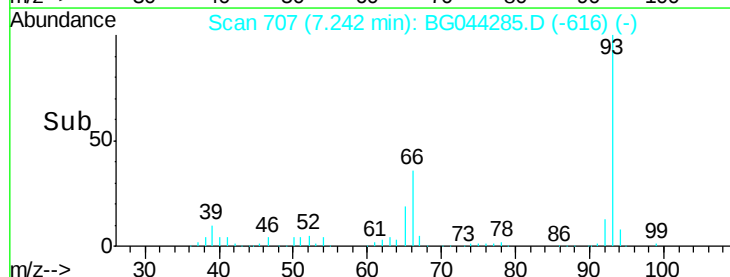
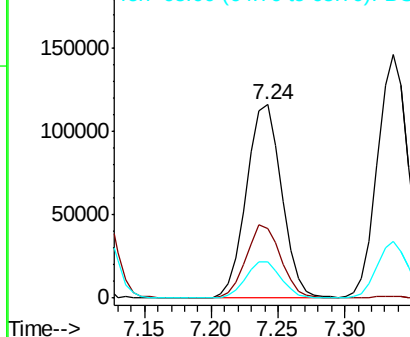
Lab File: BG044285.D

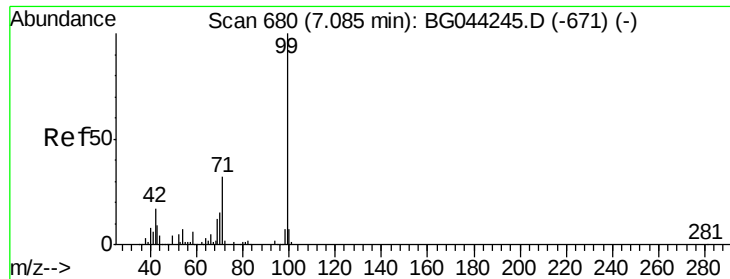
Acq: 4 Feb 2020 17:56

Tgt Ion:	93	Resp:	212525
Ion Ratio	Lower	Upper	
93	100		
66	35.7	28.7	43.1
65	19.0	15.4	23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.089 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

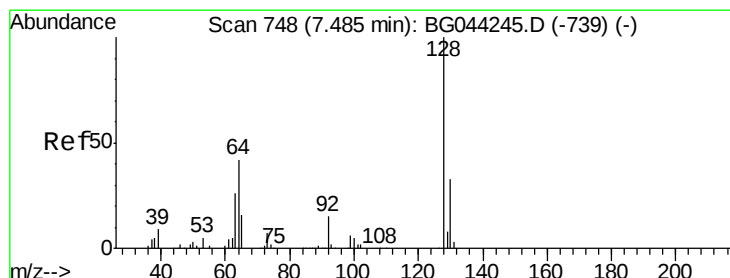
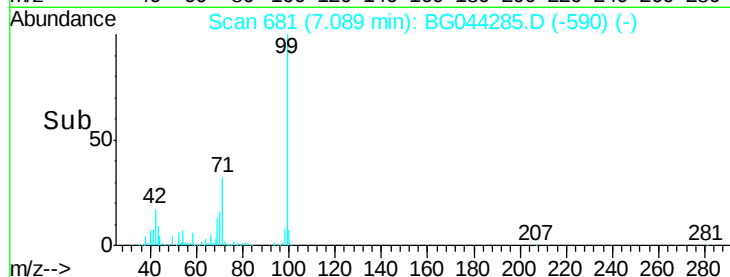
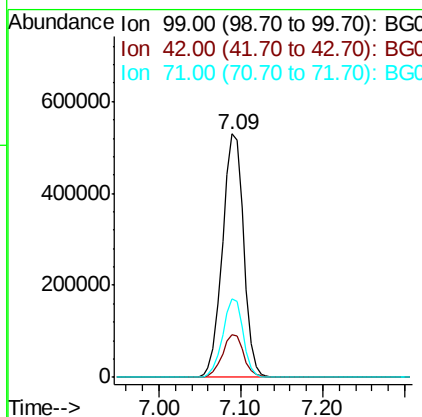
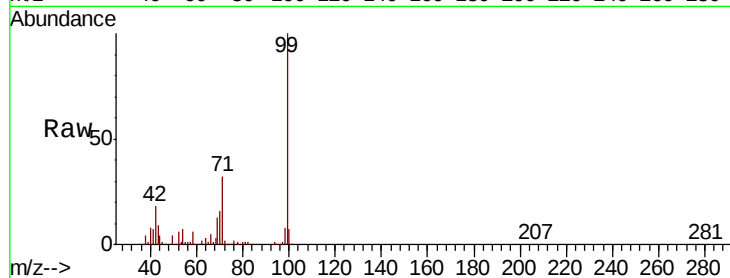
ClientSampleId :

PB126573BS

Tot Ion:	99	Resp:	957272
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	32.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 42.908 ng

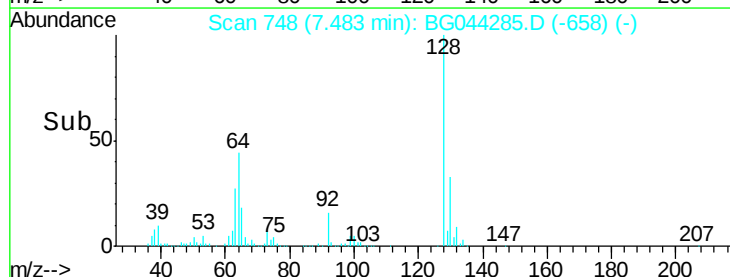
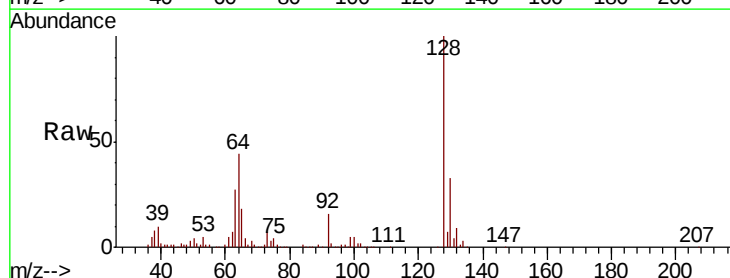
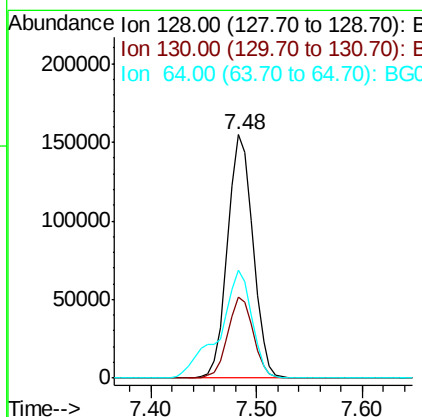
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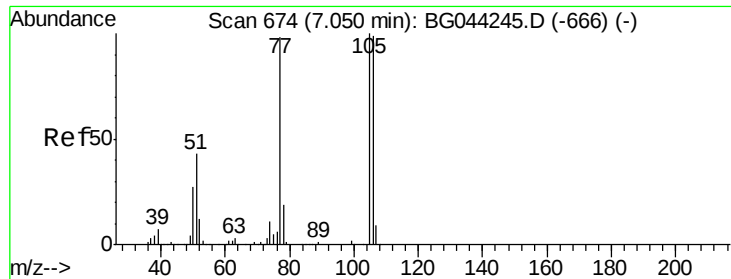
Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	128	Resp:	256442
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	44.4	24.2	64.2





#9

Benzaldehyde

Concen: 0.847 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

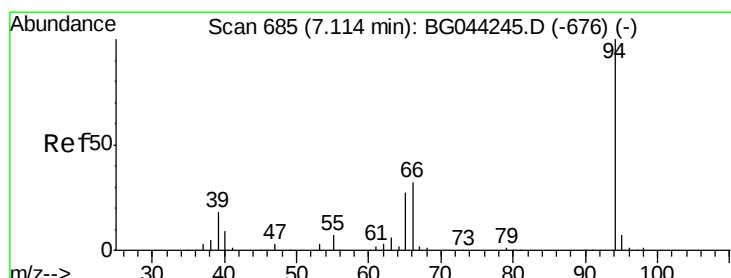
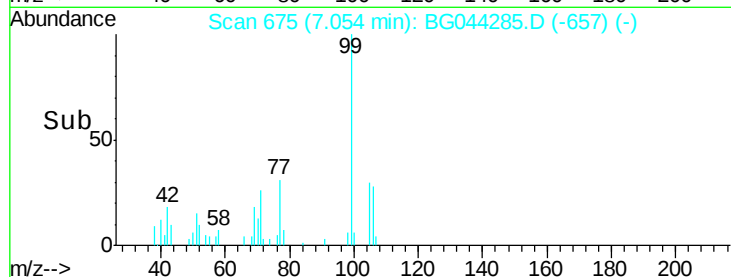
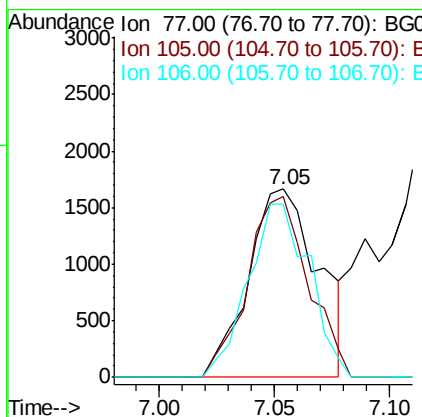
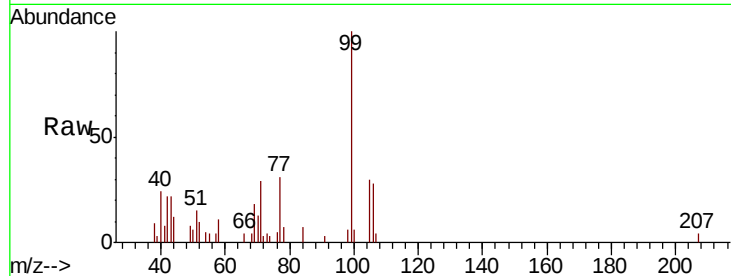
ClientSampleId :

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Tot Ion:	77	Resp:	3521
Ion	Ratio	Lower	Upper
77	100		
105	96.1	82.0	122.0
106	92.2	80.7	120.7

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#10

Phenol

Concen: 43.805 ng

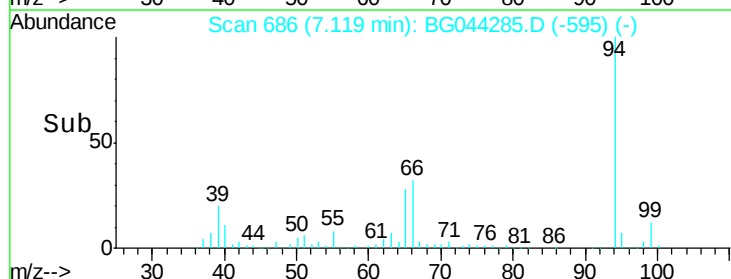
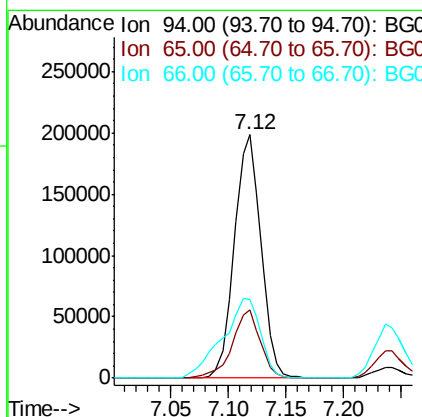
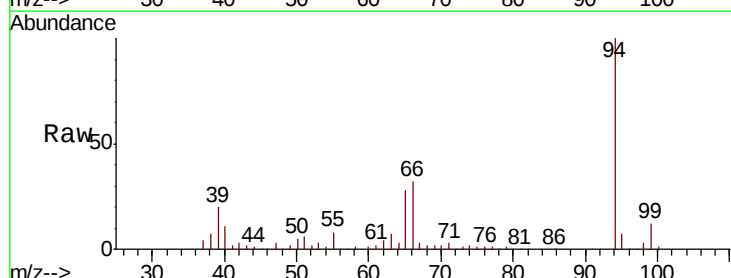
RT: 7.12 min Scan# 686

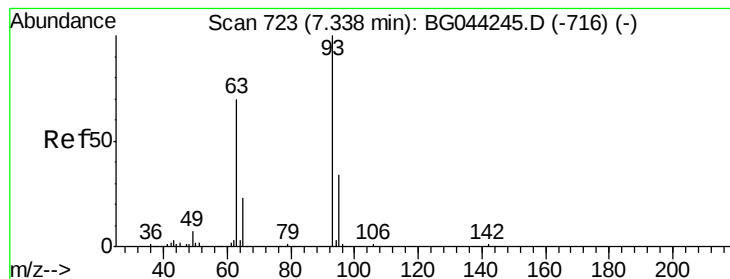
Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	94	Resp:	316581
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.0	47.0
66	32.4	12.7	52.7





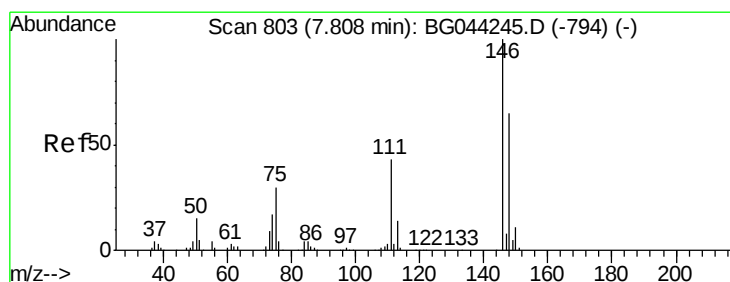
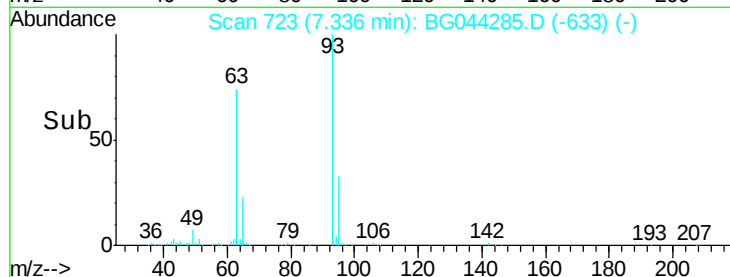
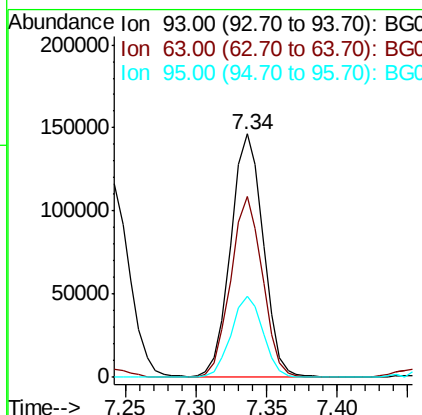
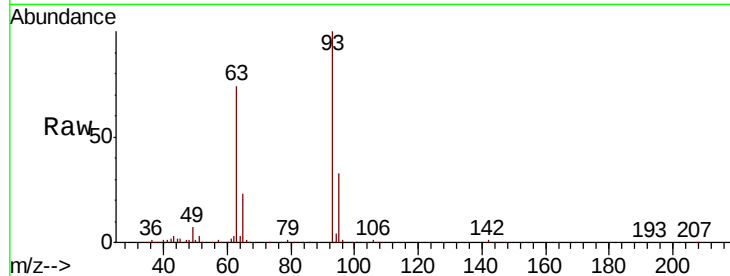
#11
bis(2-Chloroethyl)ether
Concen: 37.955 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	234512		
63	74.4		49.2	89.2
95	33.1		13.6	53.6

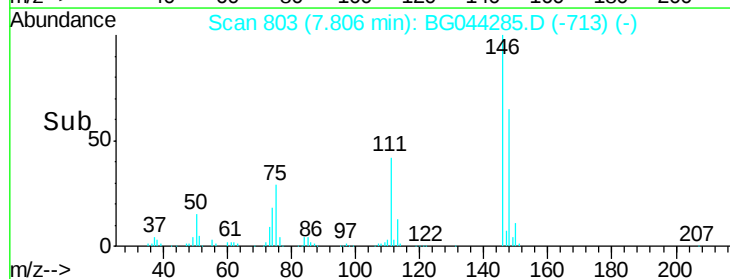
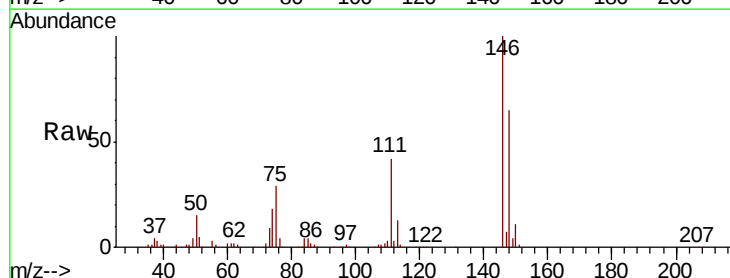
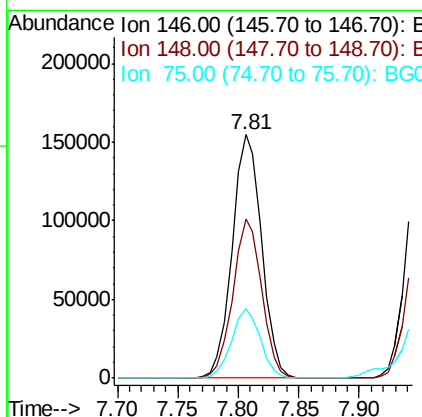
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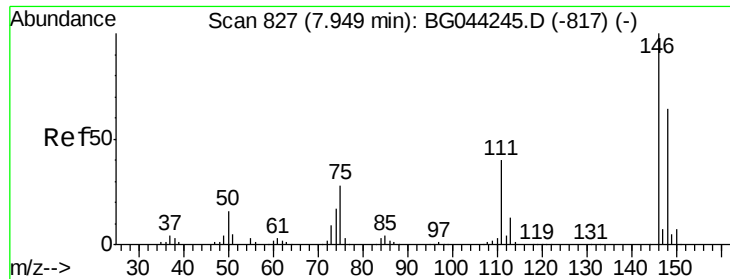
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.735 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262131		
148	65.5		51.8	77.8
75	28.7		23.7	35.5





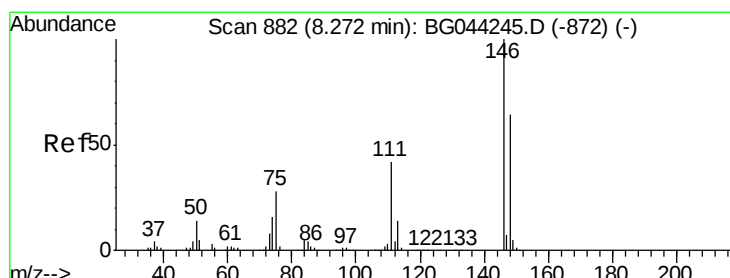
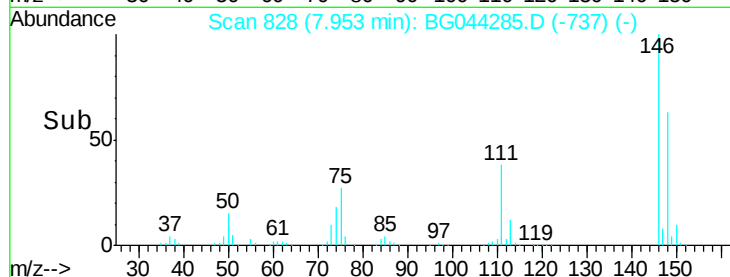
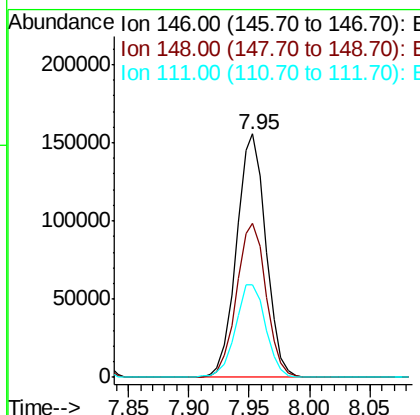
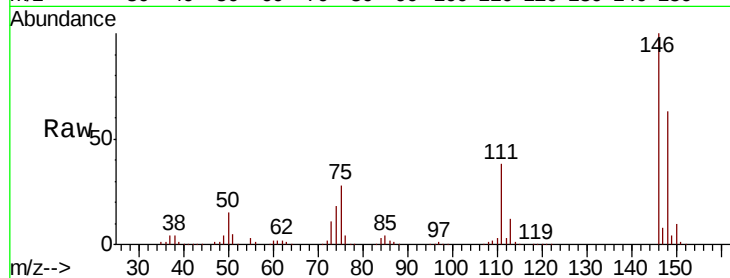
#13
 1,4-Dichlorobenzene
 Concen: 37.163 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	37.9	31.8	47.8

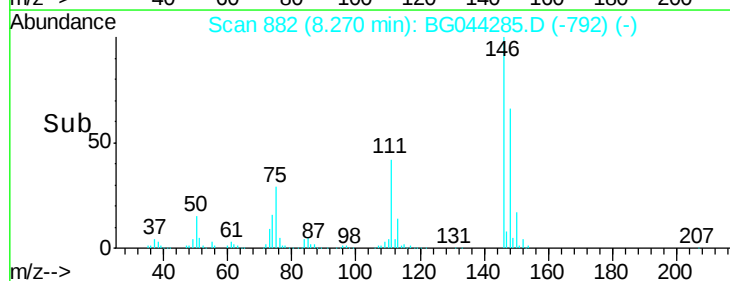
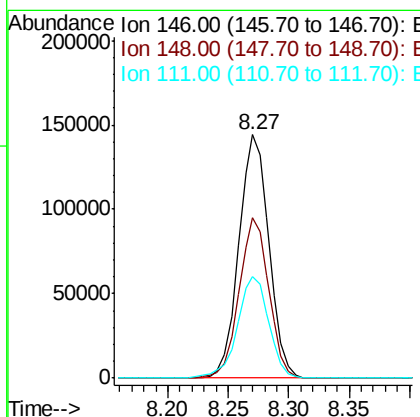
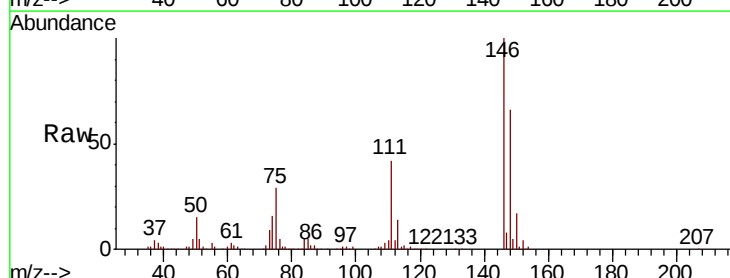
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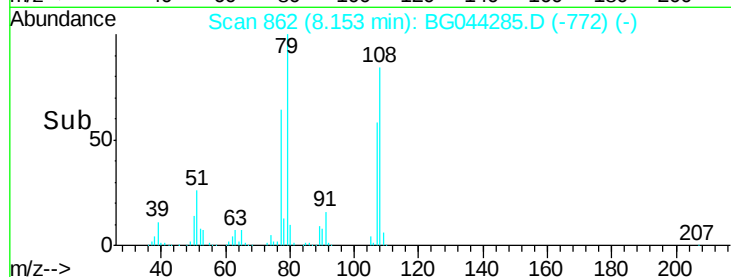
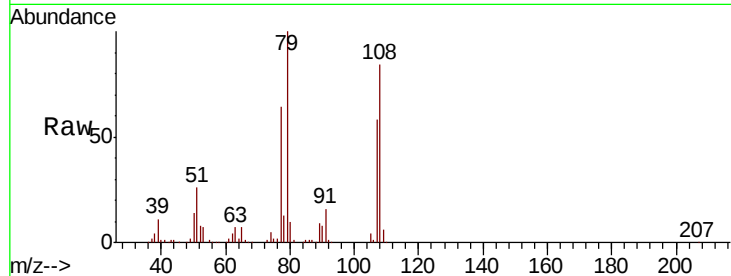
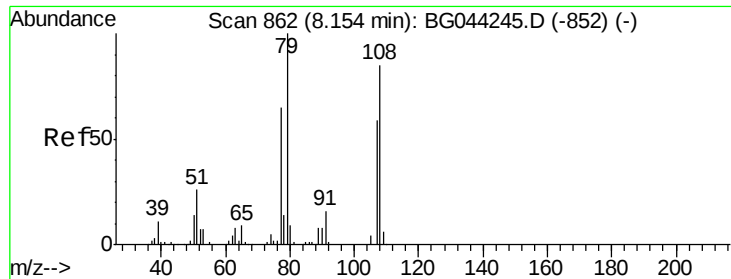
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#14
 1,2-Dichlorobenzene
 Concen: 37.267 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.2	76.8
111	41.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 41.990 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tot Ion:	79	Resp:	217087
Ion Ratio	Lower	Upper	
79	100		
108	83.6	68.3	102.5
77	63.8	51.8	77.8

Instrument :

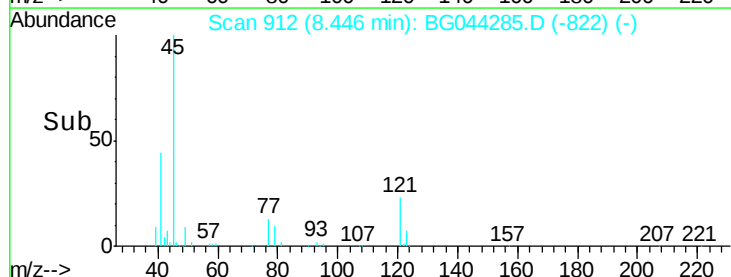
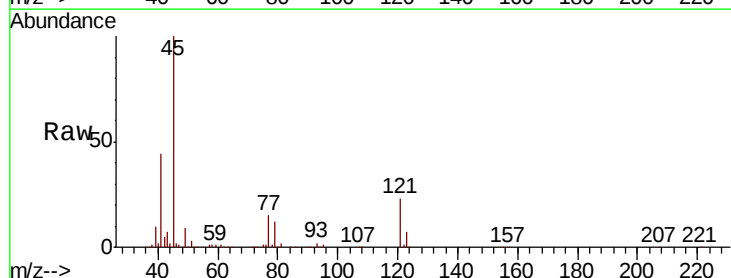
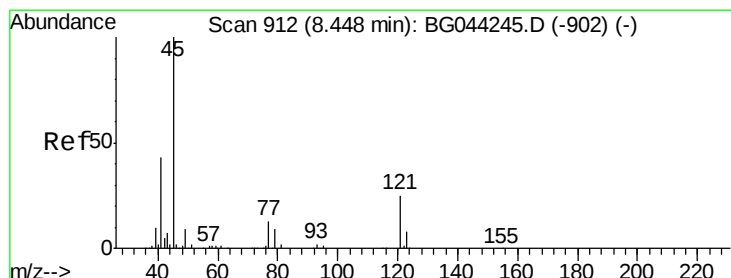
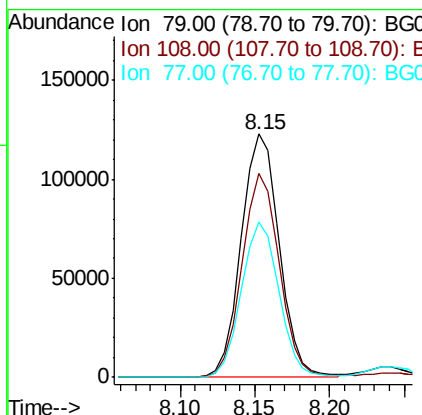
BNA_G

ClientSampleId :

PB126573BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.721 ng

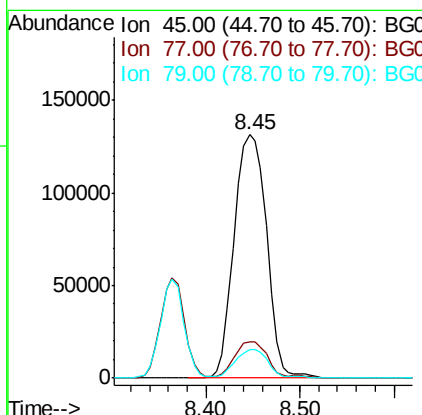
RT: 8.45 min Scan# 912

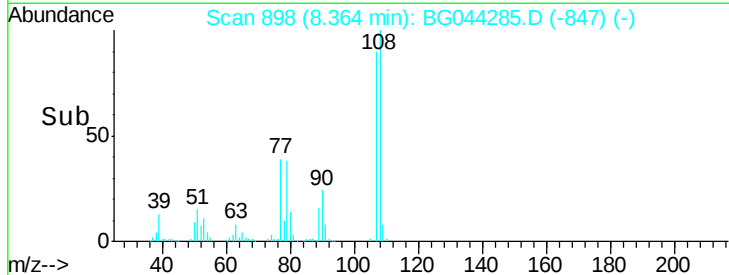
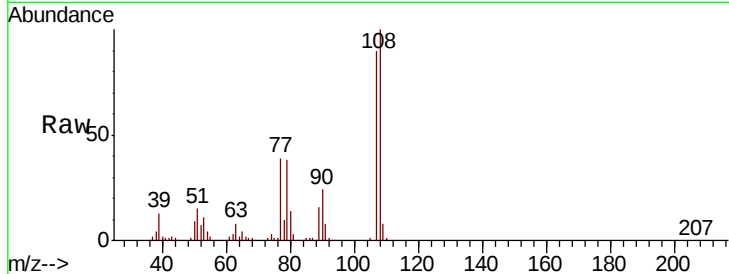
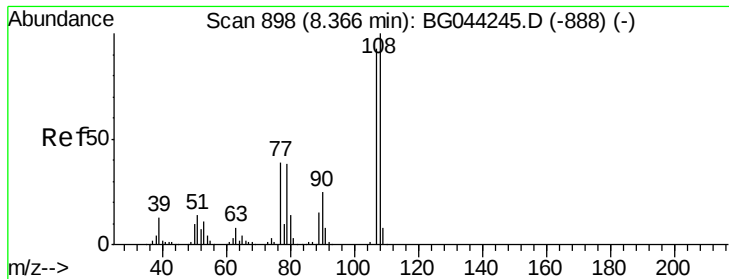
Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	45	Resp:	315451
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	11.5	0.0	31.1





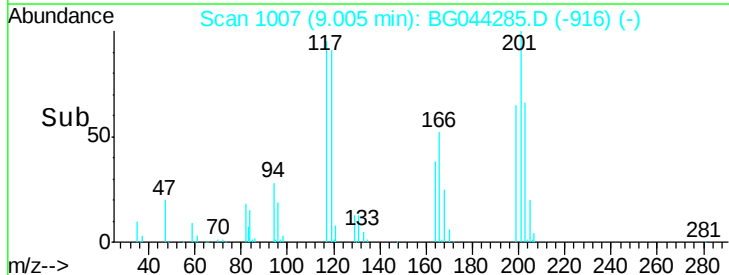
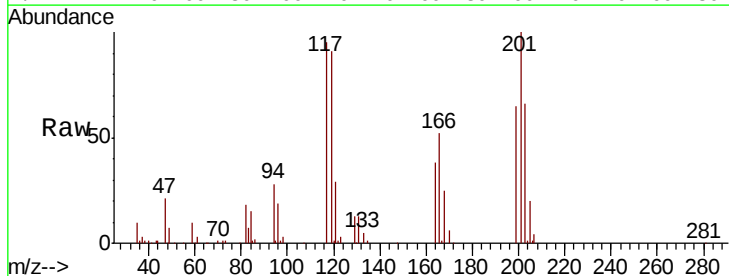
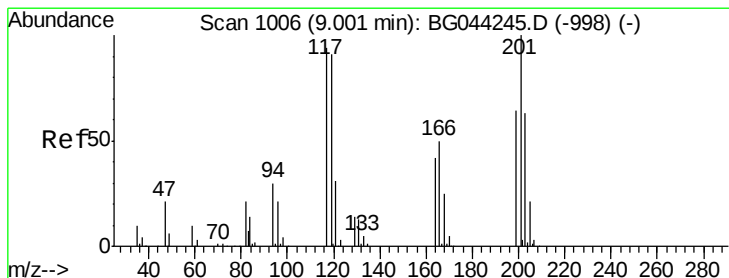
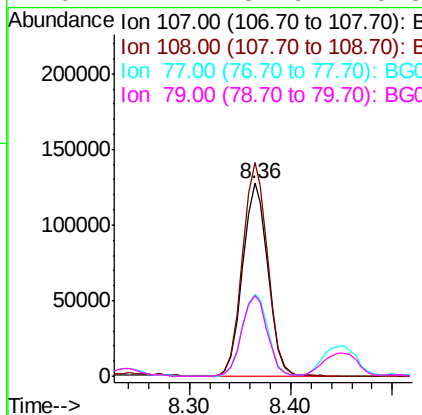
#17
2-Methylphenol
Concen: 42.911 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tot Ion	107	Resp	221262
Ion Ratio	Lower	Upper	
107	100		
108	110.6	86.4	129.6
77	42.7	34.0	51.0
79	42.1	32.9	49.3

Instrument :
BNA_G
ClientSampleId :
PB126573BS

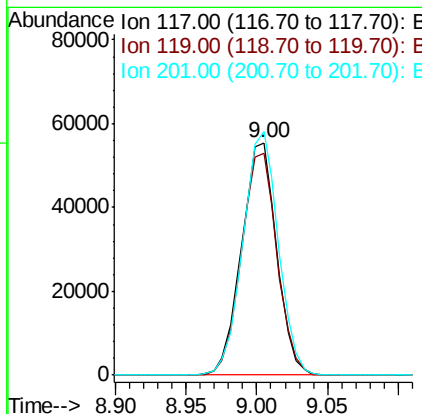
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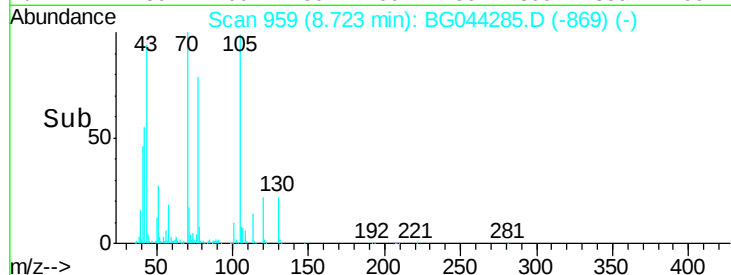
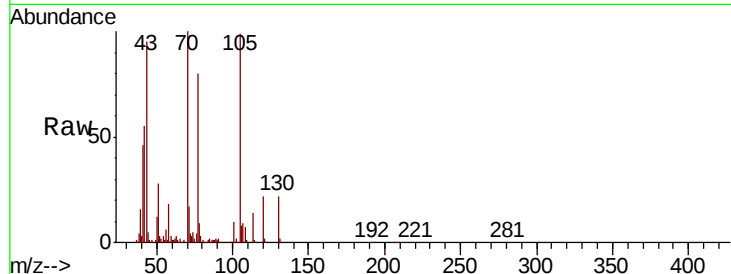
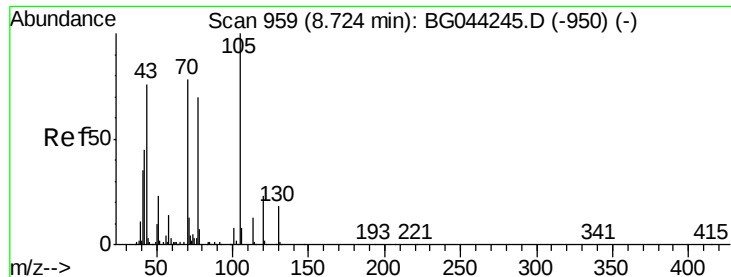
mohammad
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#18
Hexachloroethane
Concen: 36.407 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	117	Resp	96555
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.5	116.3
201	104.7	84.9	127.3





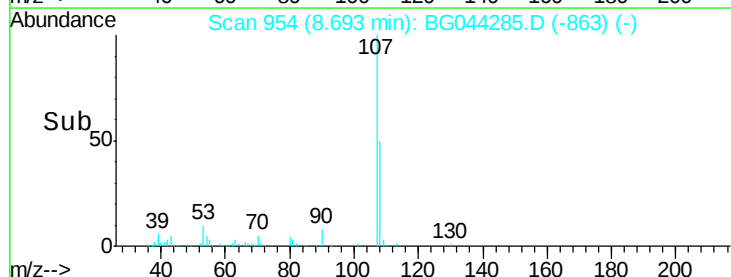
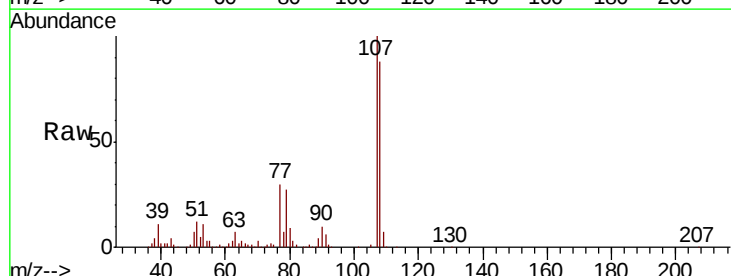
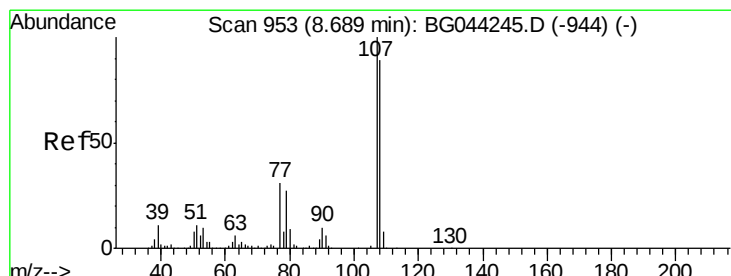
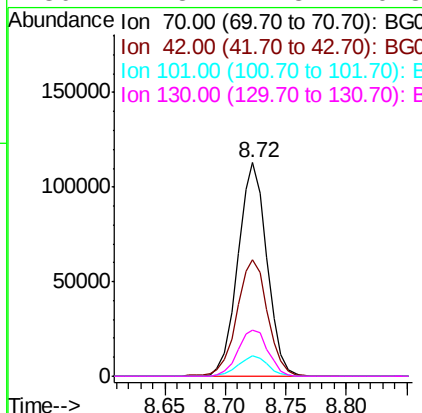
#19
n-Nitroso-di-n-propylamine
Concen: 38.831 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	46.2	69.2
101	9.6	8.4	12.6
130	21.8	17.8	26.8

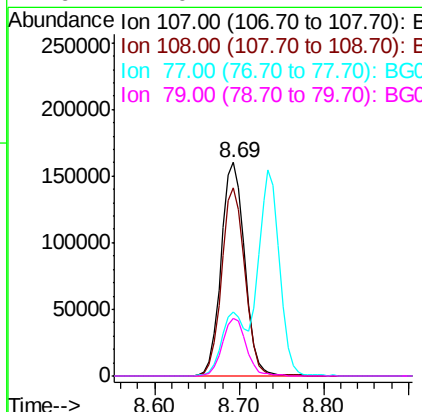
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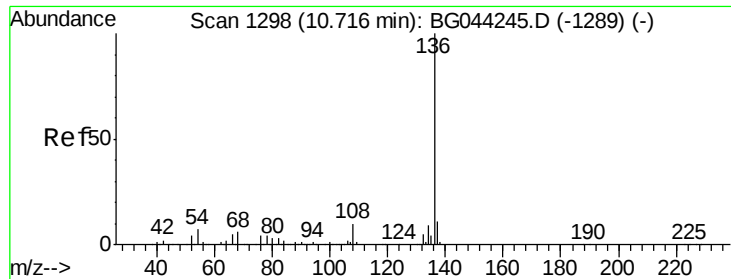
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#20
3+4-Methylphenols
Concen: 43.458 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.5	108.5
77	30.2	10.9	50.9
79	27.0	7.1	47.1





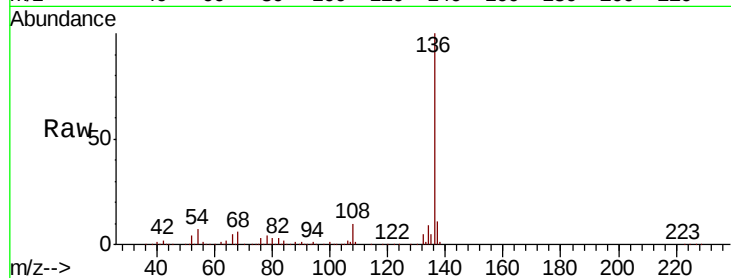
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	401764		
137	10.9		8.8	13.2
54	7.0		5.8	8.8
68	5.5		4.6	6.8

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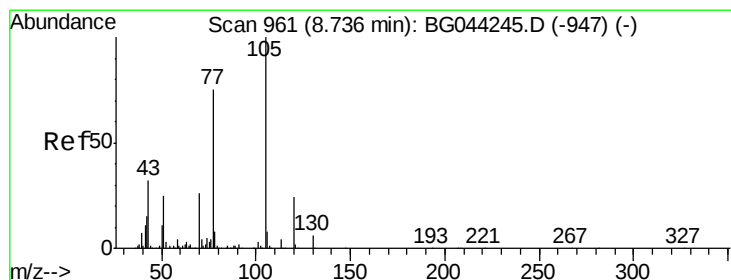
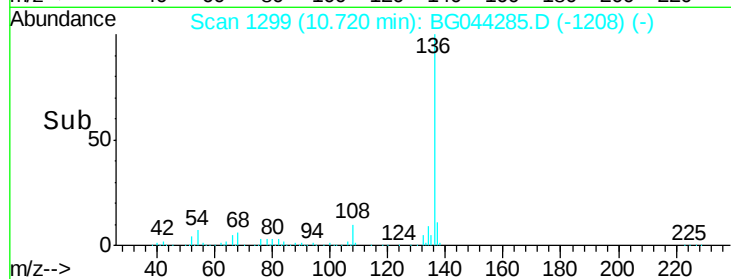
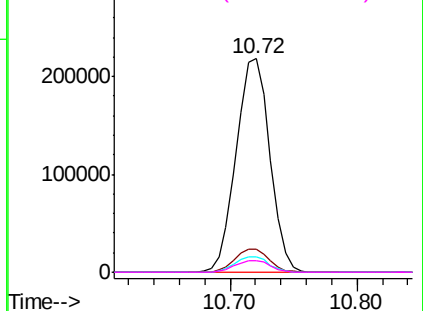
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.003 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361654		
71	5.2		3.4	5.0#
51	24.6		20.2	30.4
120	24.0		19.1	28.7

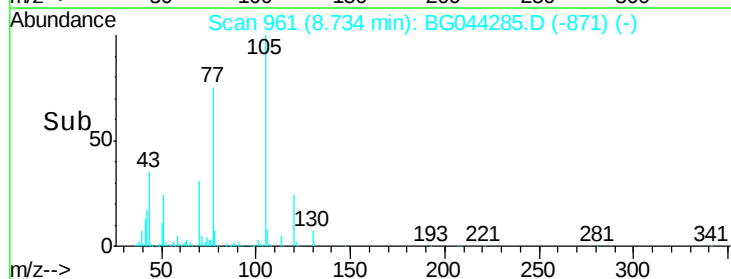
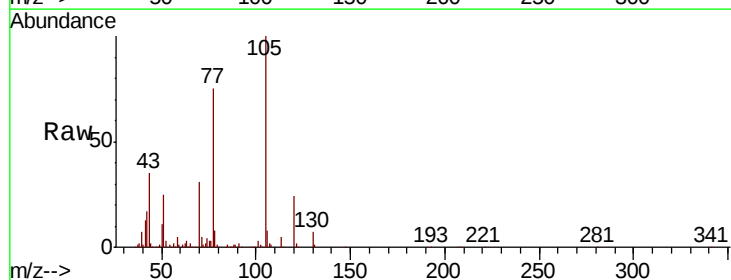
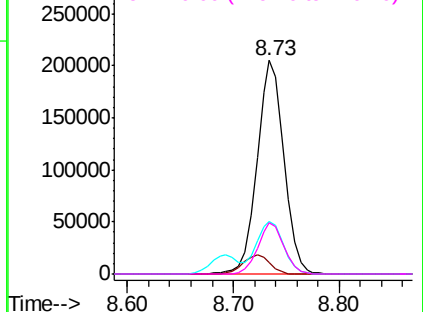
Abundance

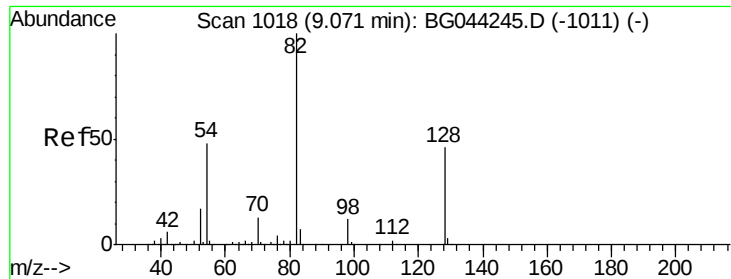
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





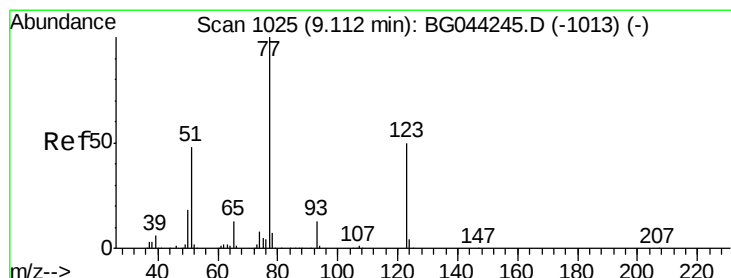
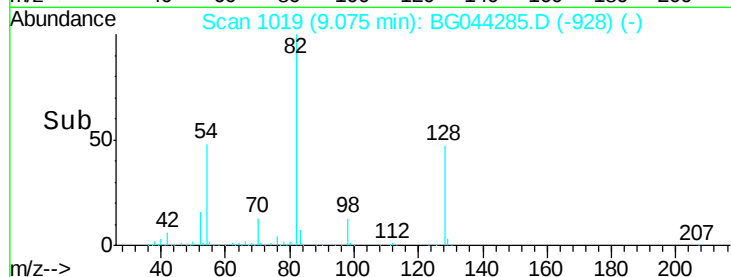
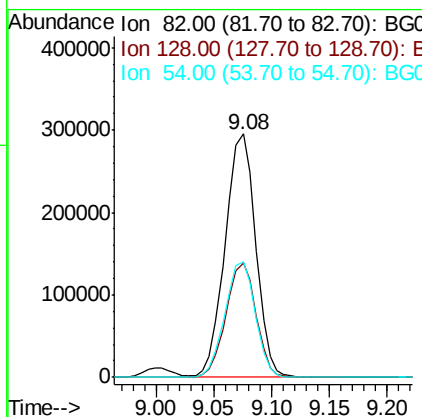
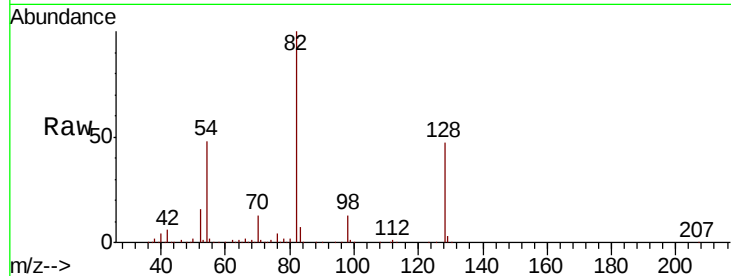
#23
 Nitrobenzene-d5
 Concen: 76.051 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	47.6	38.6	58.0

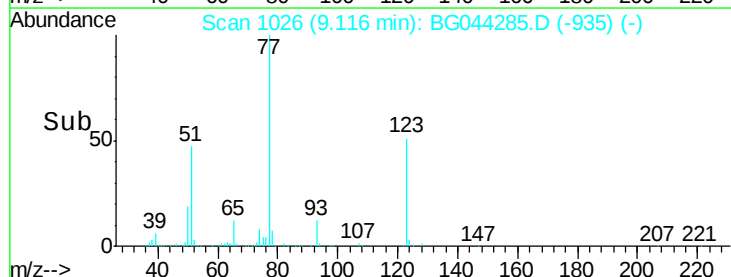
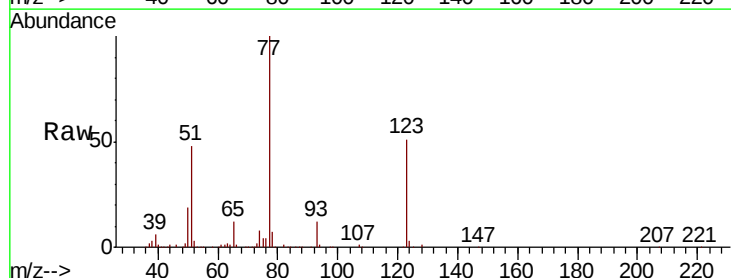
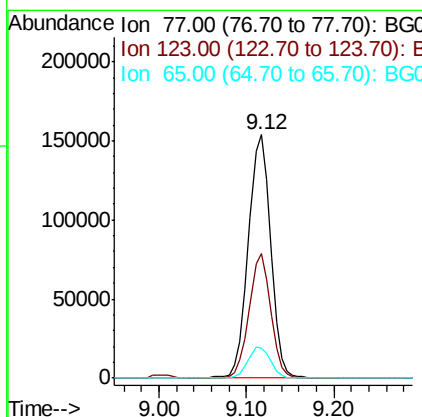
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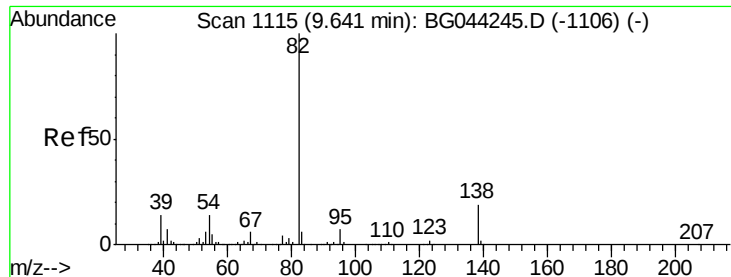
mohammad
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#24
 Nitrobenzene
 Concen: 38.159 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	39.9	59.9
65	12.3	10.4	15.6





#25

Isophorone

Concen: 39.221 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

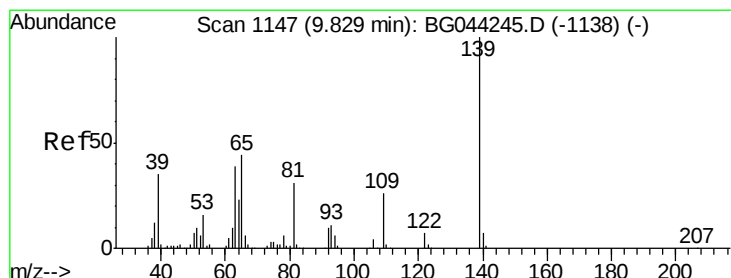
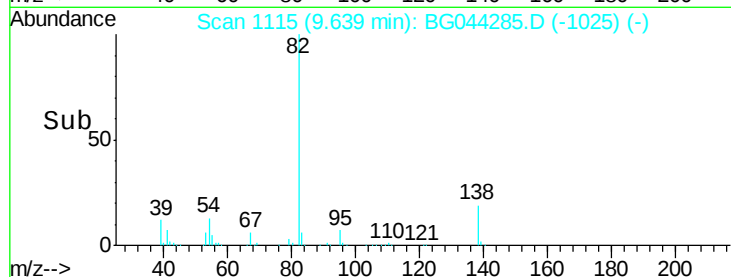
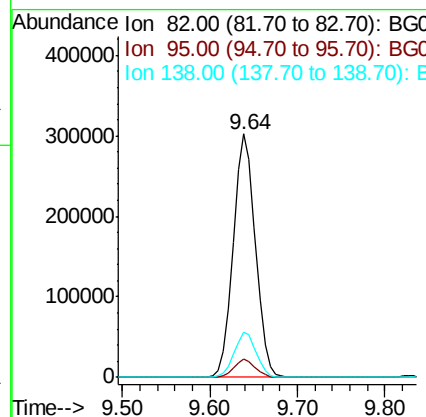
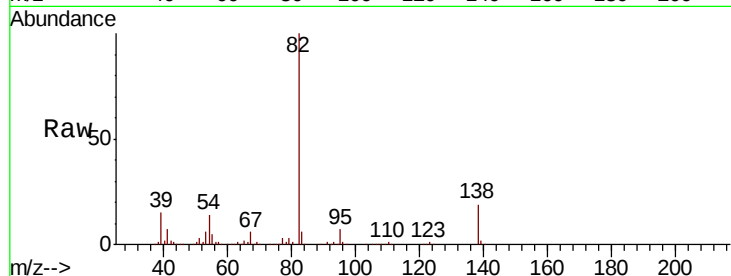
ClientSampleId :

PB126573BS

Tot Ion:	82	Resp:	520232
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	18.6	15.0	22.4

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#26

2-Nitrophenol

Concen: 41.572 ng

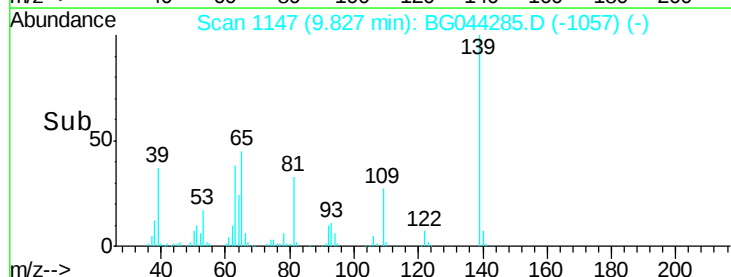
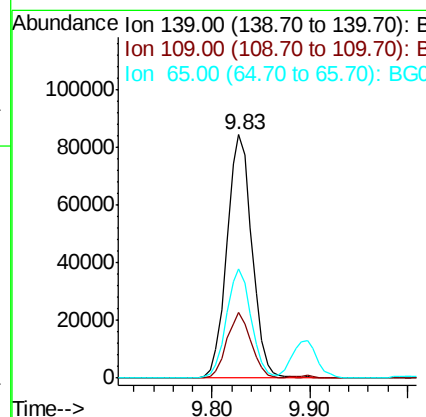
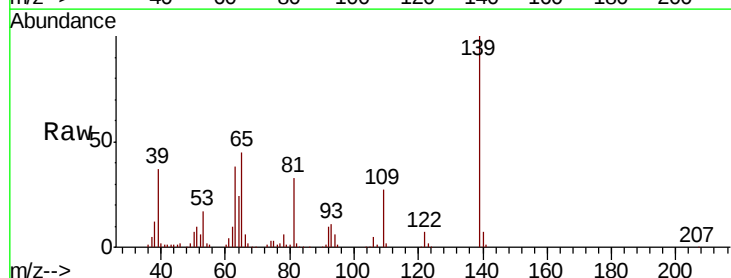
RT: 9.83 min Scan# 1147

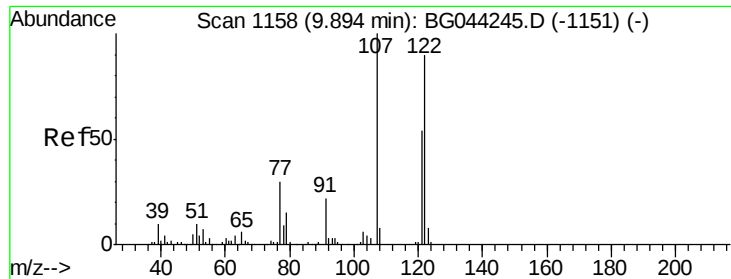
Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	139	Resp:	149861
Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.0	31.4
65	44.9	35.0	52.4





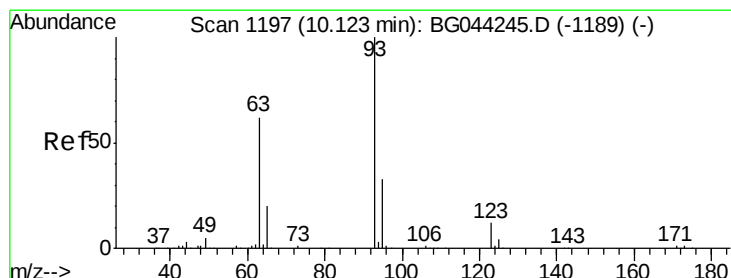
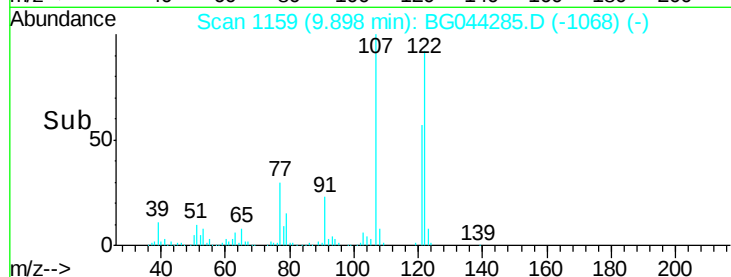
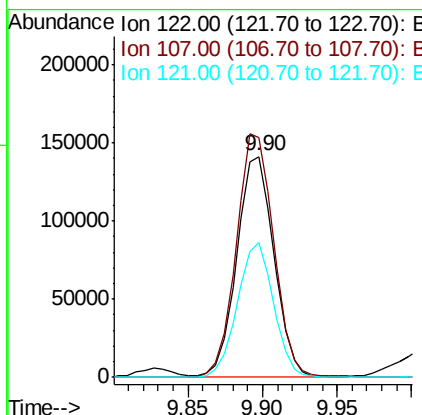
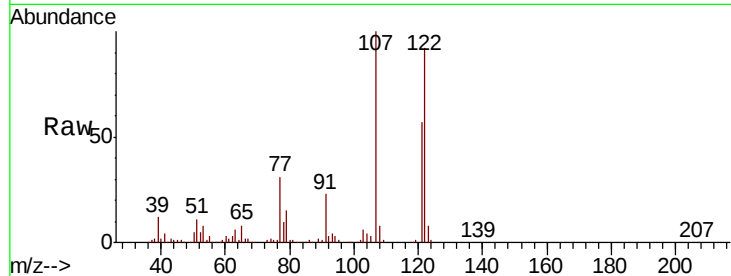
#27
2,4-Dimethylphenol
Concen: 47.802 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	88.8	133.2
121	61.3	48.3	72.5

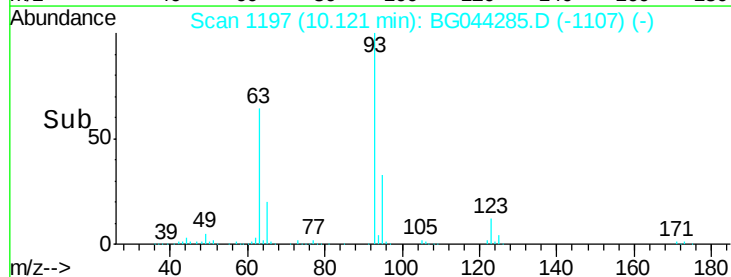
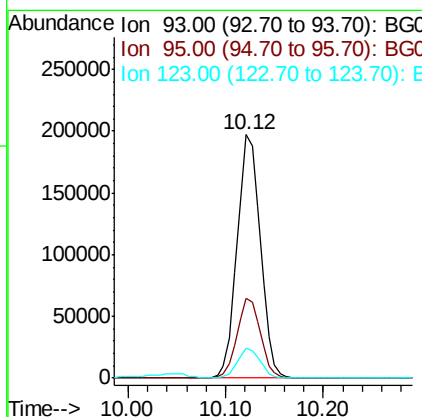
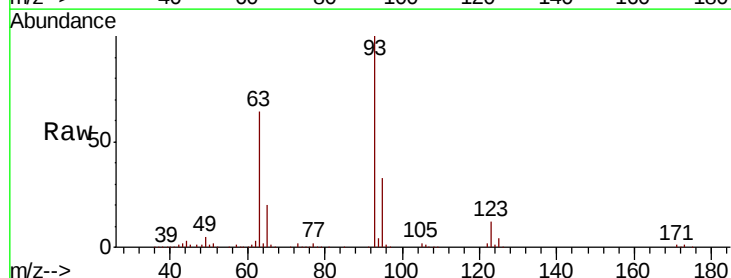
Manual Integrations
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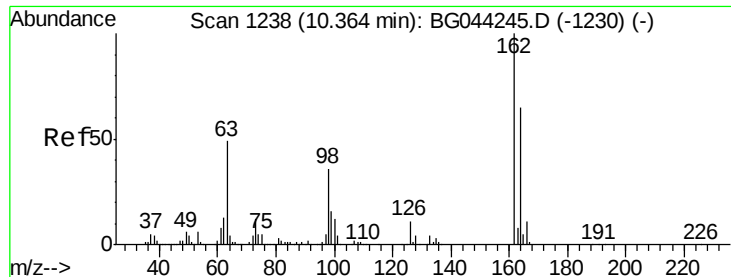
mohammad
2/6/2020 2:17:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.162 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	12.0	10.0	15.0





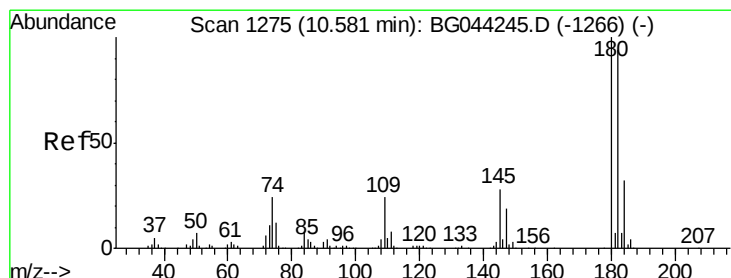
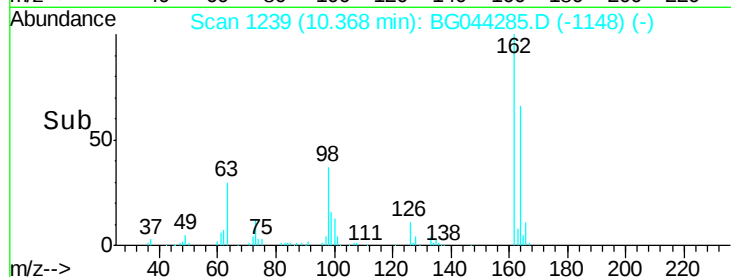
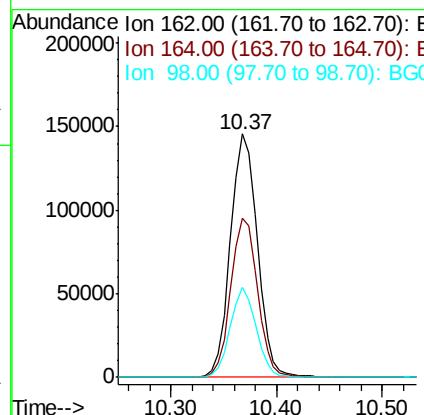
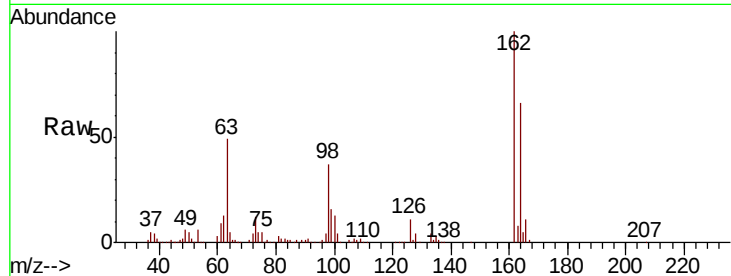
#29
2,4-Dichlorophenol
Concen: 41.792 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.7	84.7
98	37.0	15.8	55.8

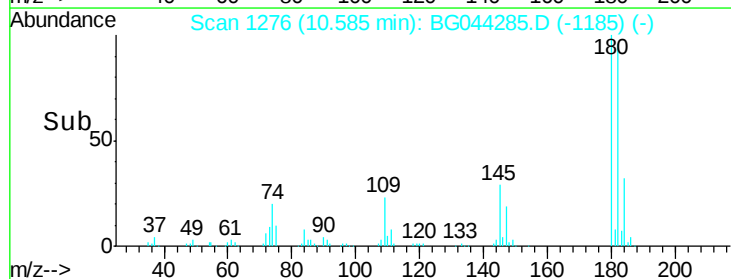
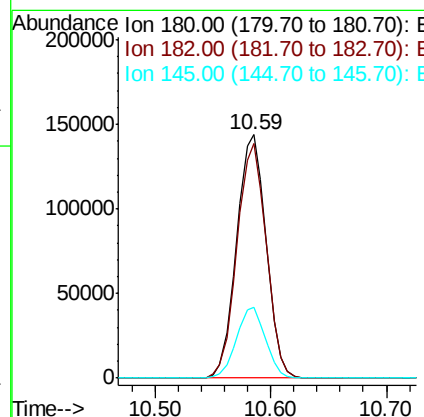
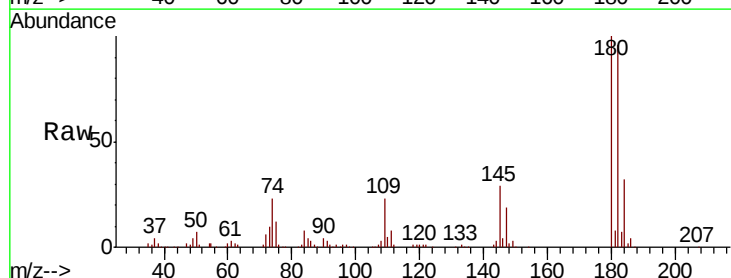
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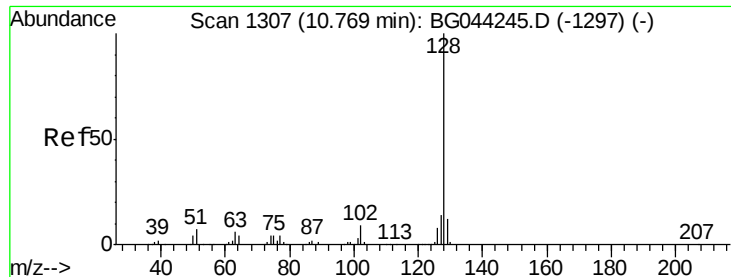
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.103 ng
RT: 10.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.5	113.3
145	29.0	22.6	34.0





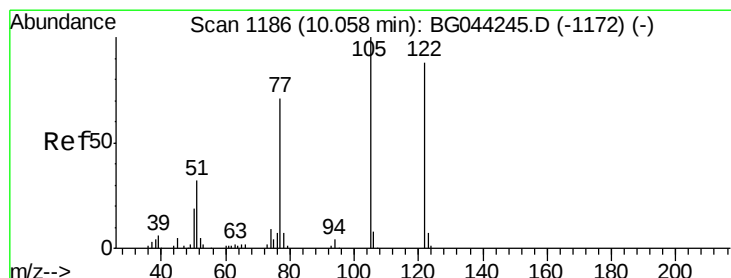
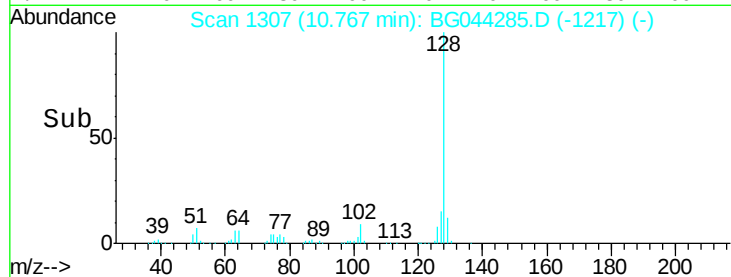
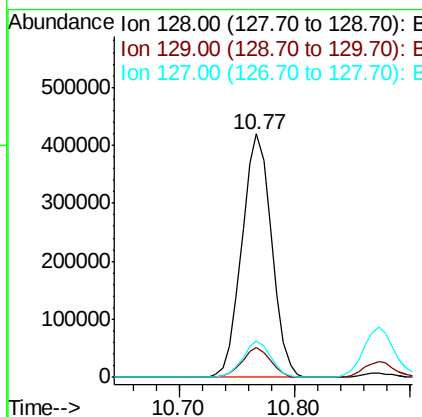
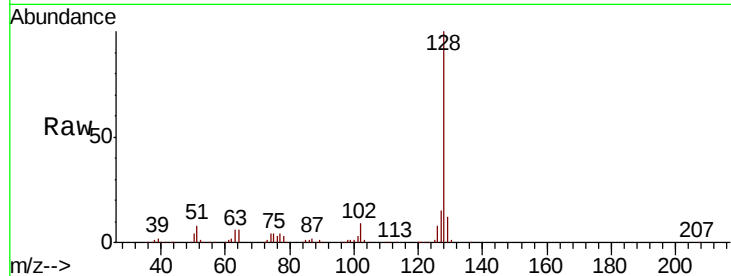
#31
Naphthalene
Concen: 38.489 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	15.1	11.6	17.4

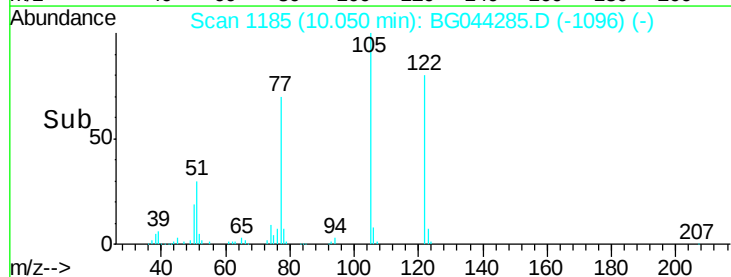
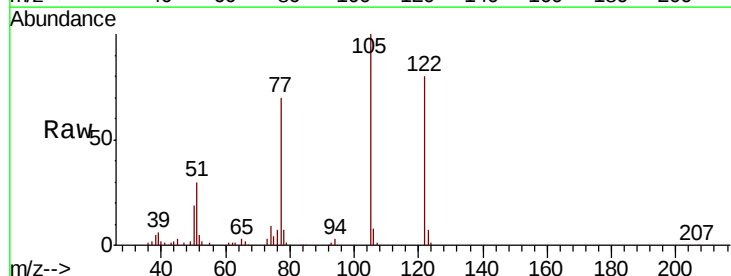
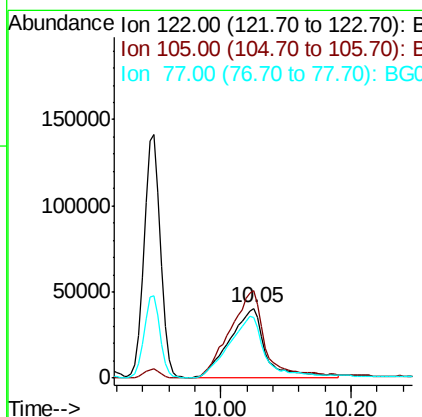
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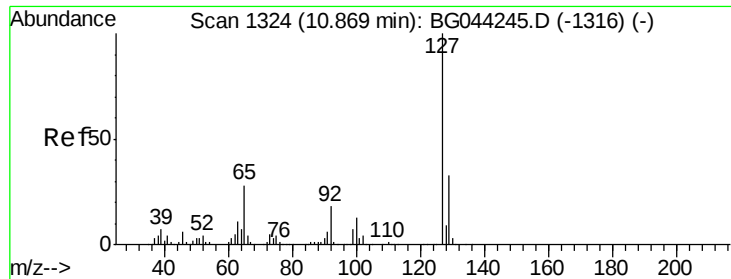
mohammad
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#32
Benzoic acid
Concen: 46.256 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	93.5	133.5
77	87.5	61.0	101.0





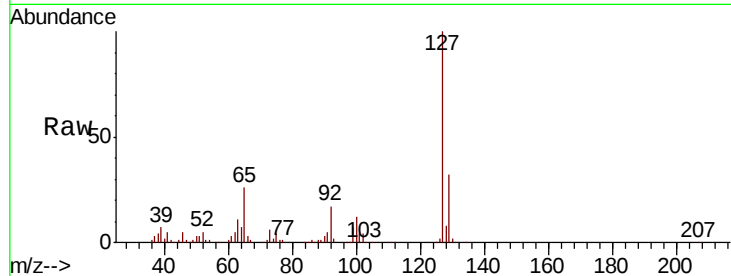
#33
4-Chloroaniline
Concen: 18.420 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		163301		
129	32.4	26.6	40.0		
65	26.3	22.5	33.7		
92	17.0	14.1	21.1		

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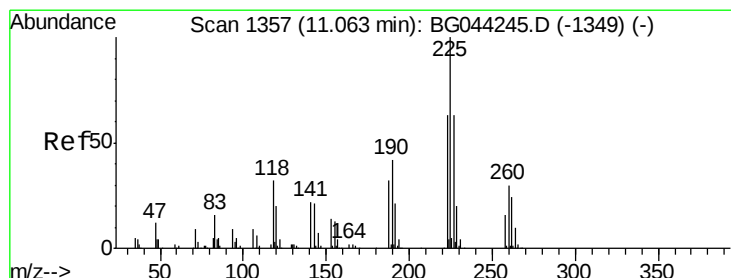
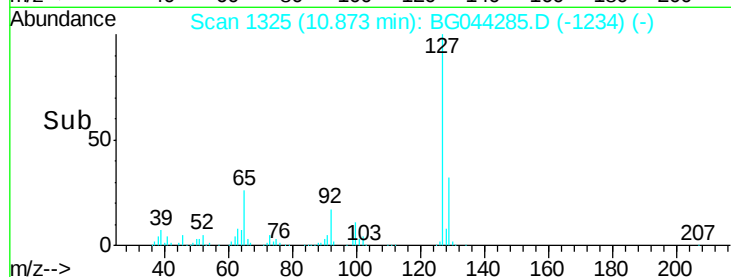
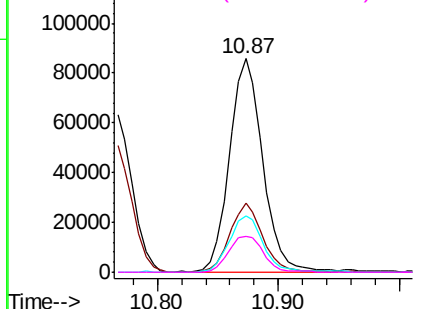
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

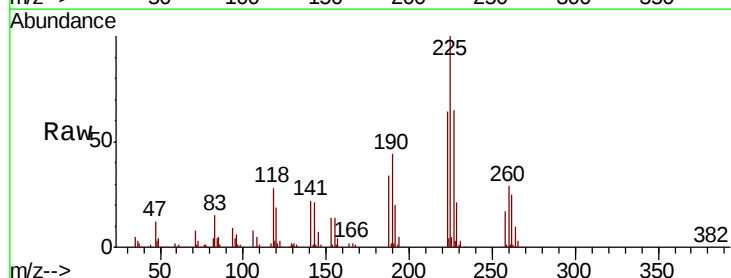
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.523 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		149878		
223	64.1	50.2	75.4		
227	64.6	50.8	76.2		

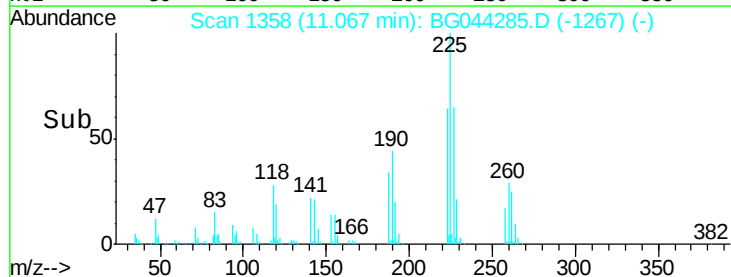
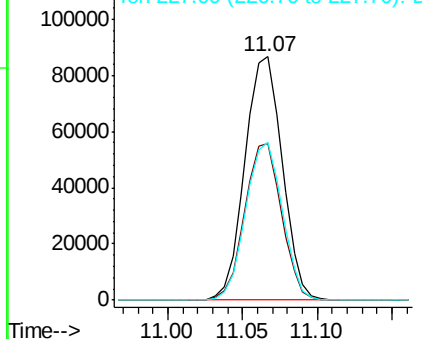


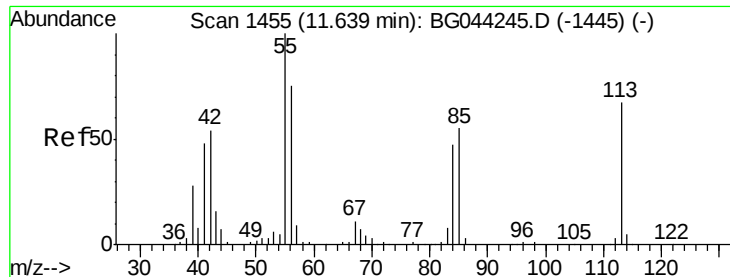
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





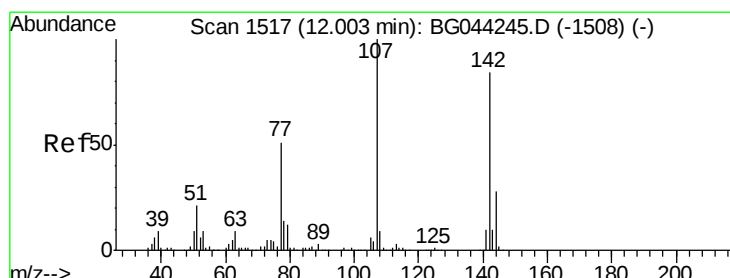
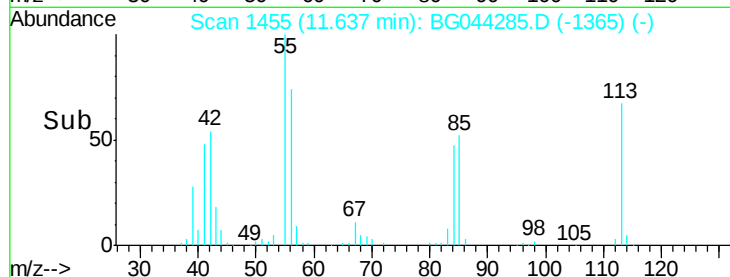
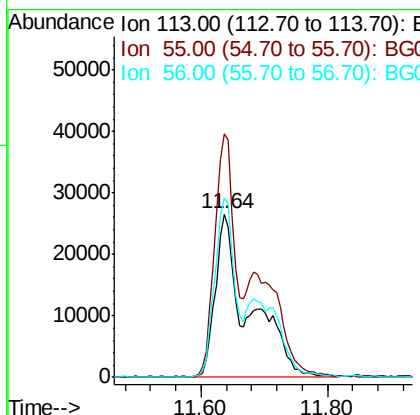
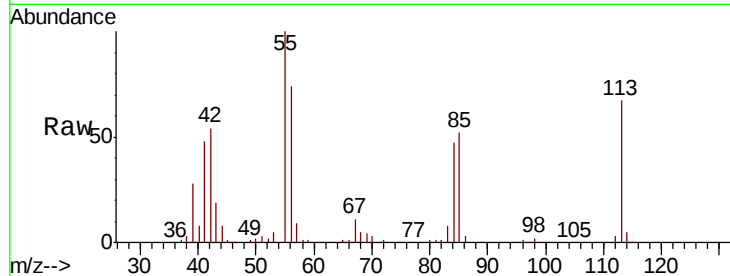
#35
 Caprolactam
 Concen: 42.800 ng/ml
 RT: 11.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.9	129.9	169.9
56	110.1	92.5	132.5

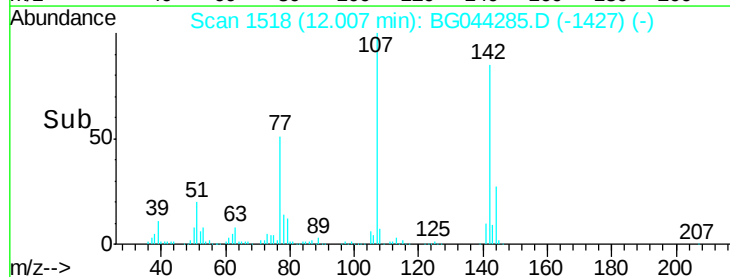
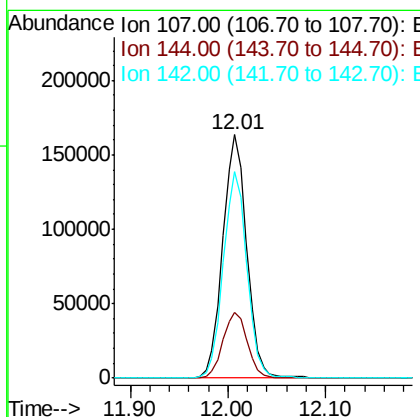
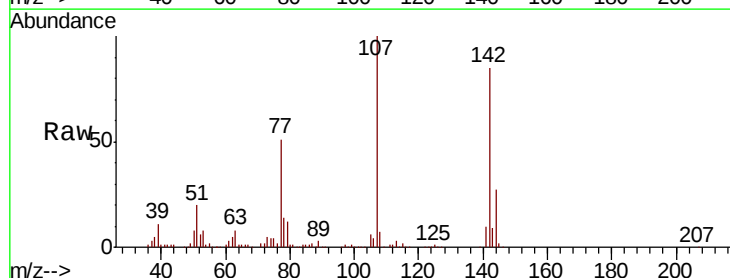
Manual Integrations
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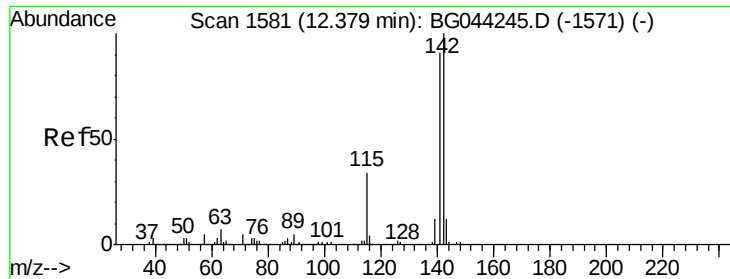
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.112 ng/ml
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.2	33.4
142	84.7	67.4	101.0





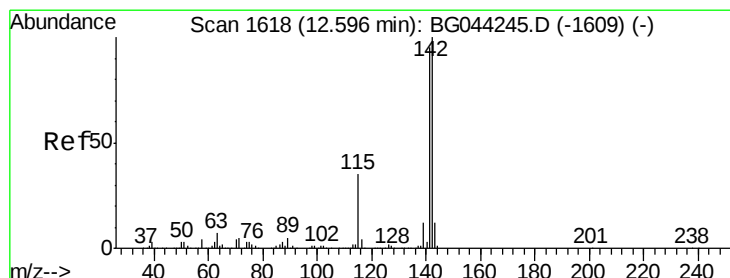
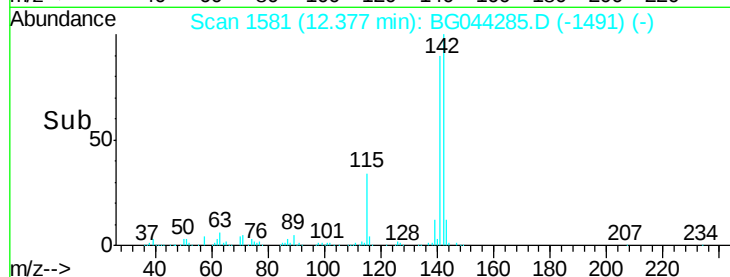
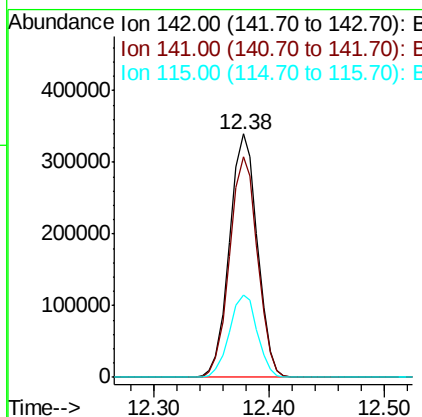
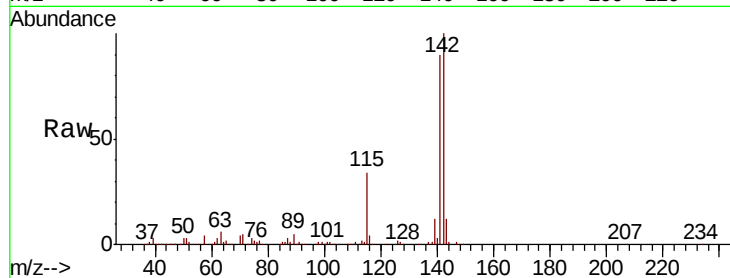
#37
2-Methylnaphthalene
Concen: 39.180 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	34.0	27.1	40.7

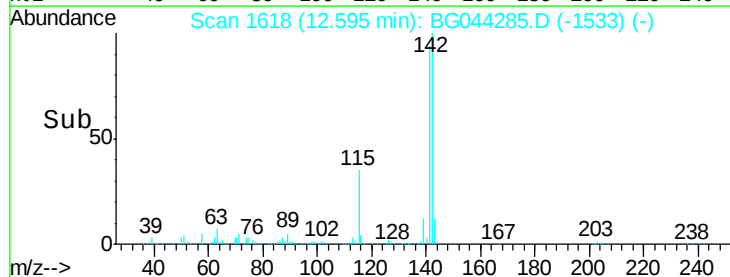
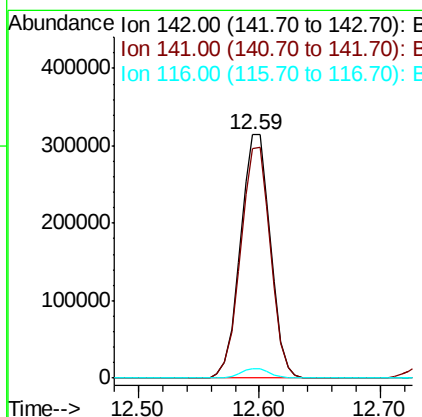
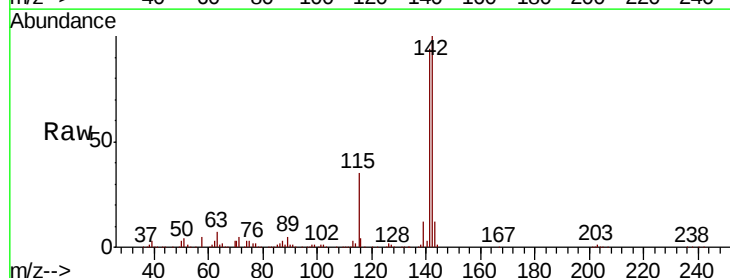
Manual Integrations
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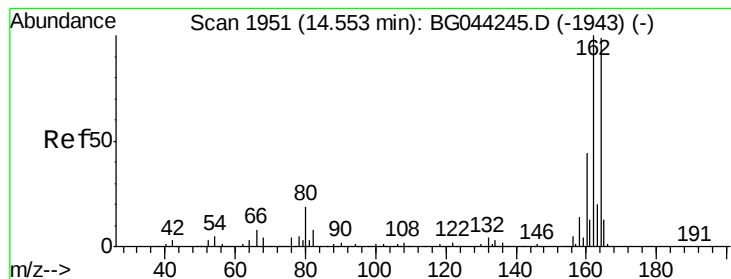
mohammad
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#38
1-Methylnaphthalene
Concen: 39.868 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

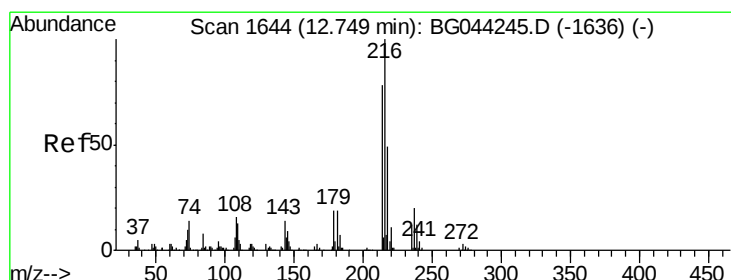
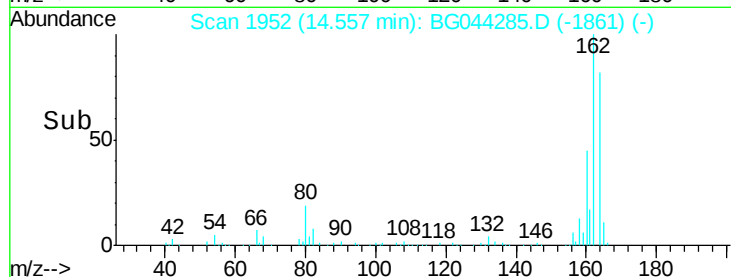
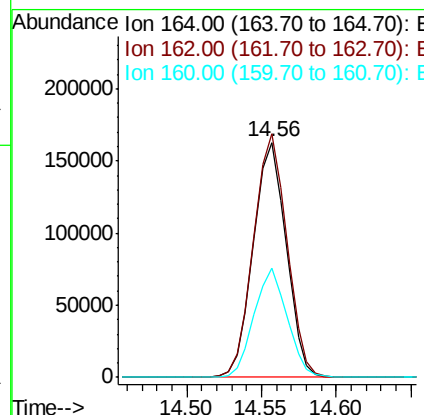
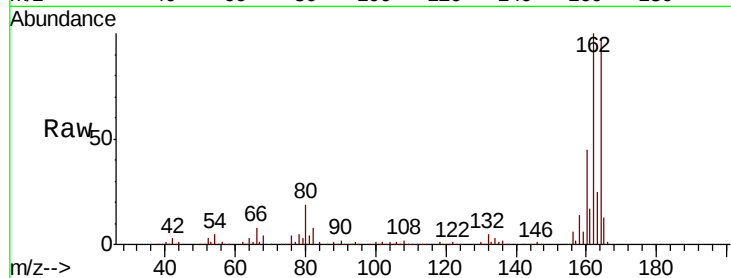
ClientSampleId :

PB126573BS

Tot Ion:	164	Resp:	247558
Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	46.5	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.990 ng

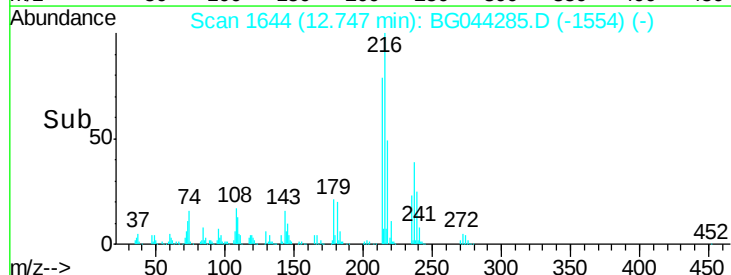
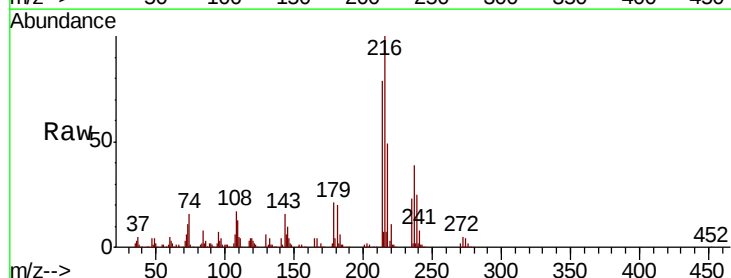
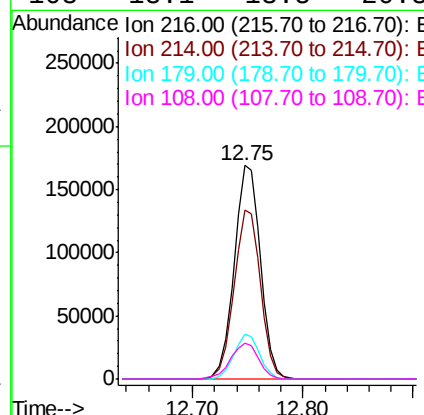
RT: 12.75 min Scan# 1644

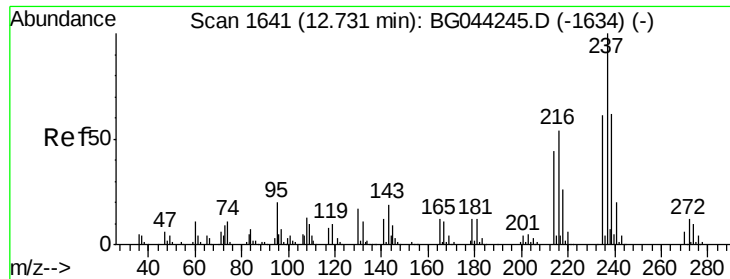
Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	216	Resp:	281328
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	20.7	16.2	24.4
108	18.1	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 57.906 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

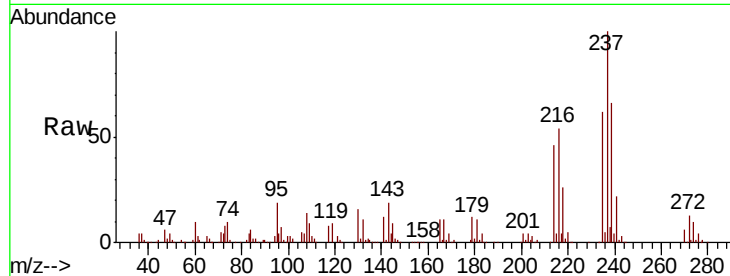
ClientSampleId :

PB126573BS

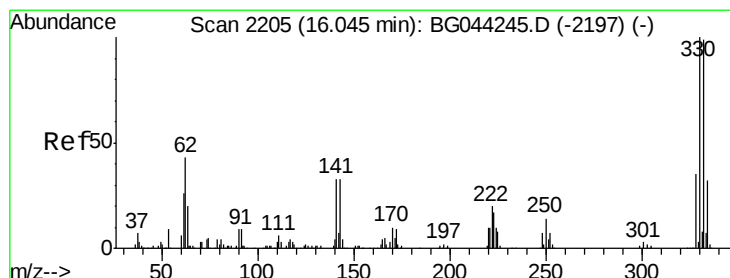
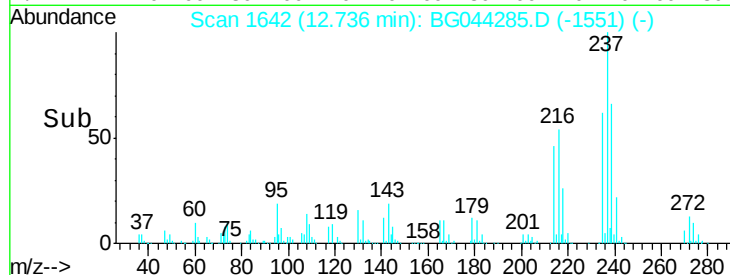
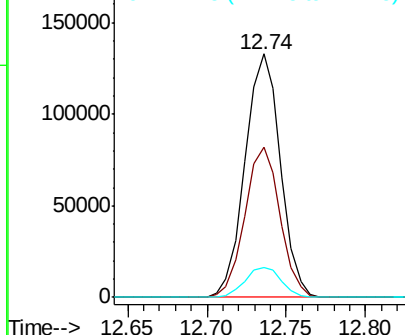
Tot Ion:	237	Resp:	205755
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.2	81.2
272	12.5	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 130.222 ng

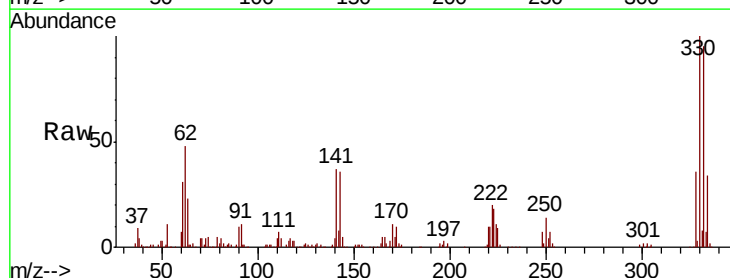
RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

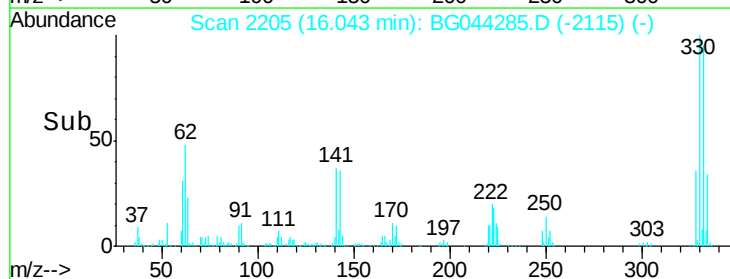
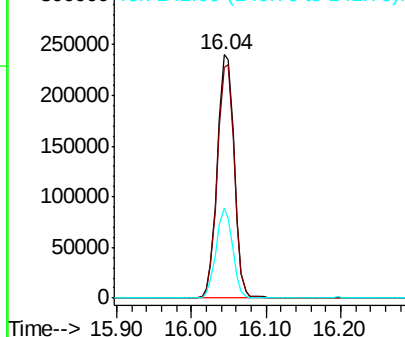
Lab File: BG044285.D

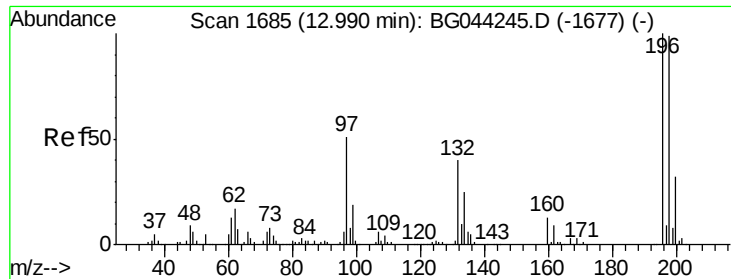
Acq: 4 Feb 2020 17:56

Tgt Ion:	330	Resp:	378449
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.2	115.8
141	35.7	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





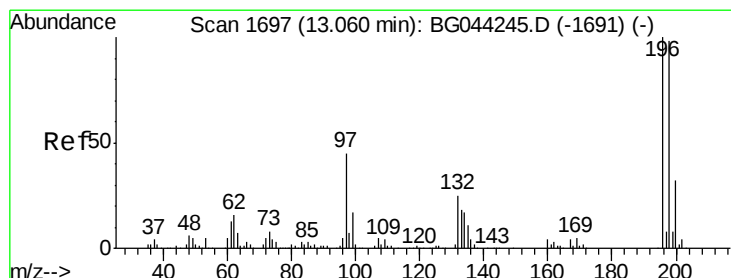
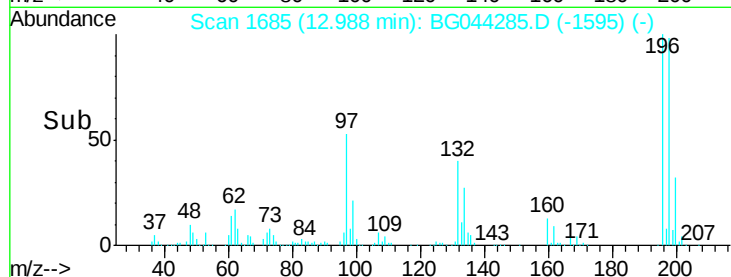
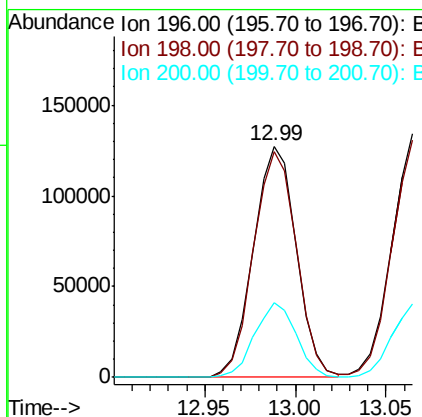
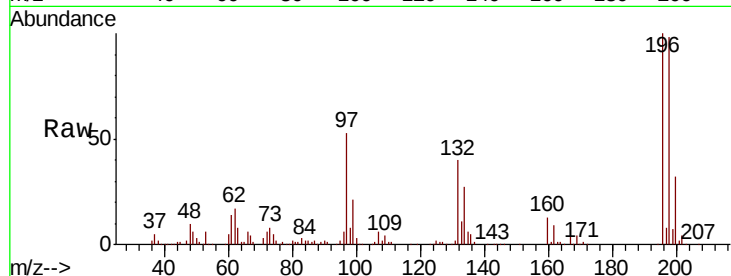
#43
2,4,6-Trichlorophenol
Concen: 43.637 ng
RT: 12.99 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208874		
198	97.6	79.3	118.9	
200	32.2	25.7	38.5	

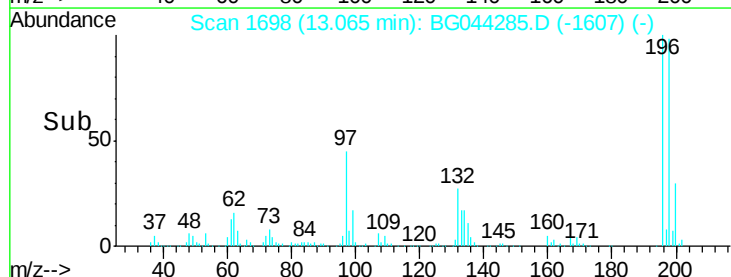
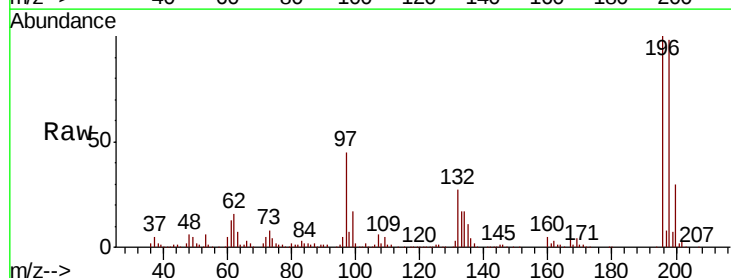
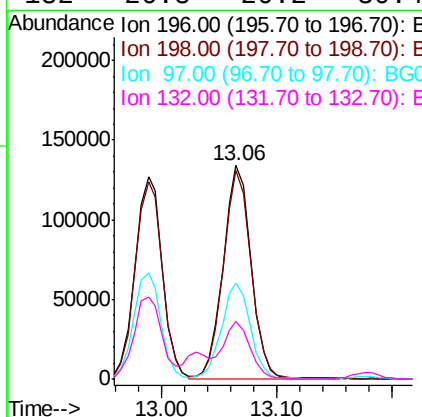
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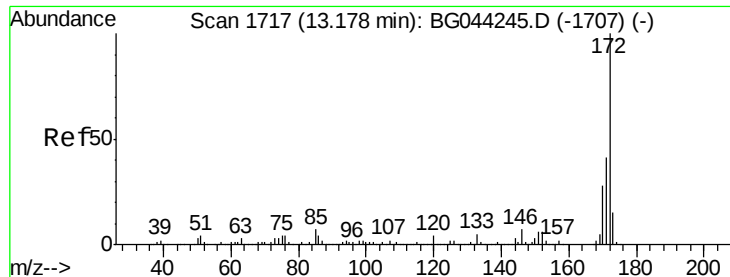
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 45.765 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223747		
198	97.6	78.2	117.2	
97	45.1	36.2	54.4	
132	26.8	20.2	30.4	





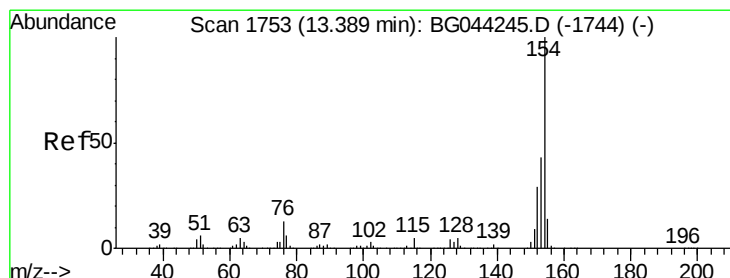
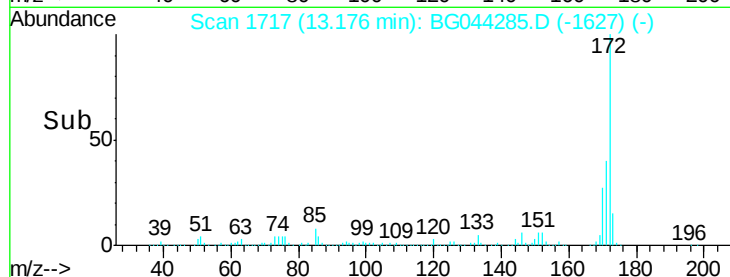
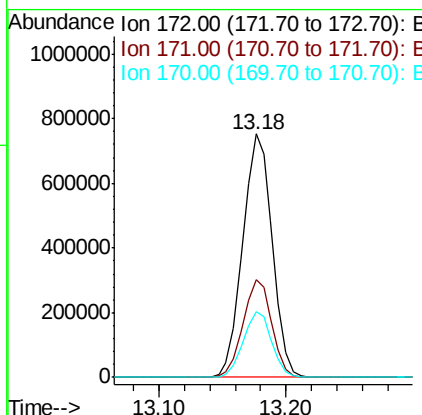
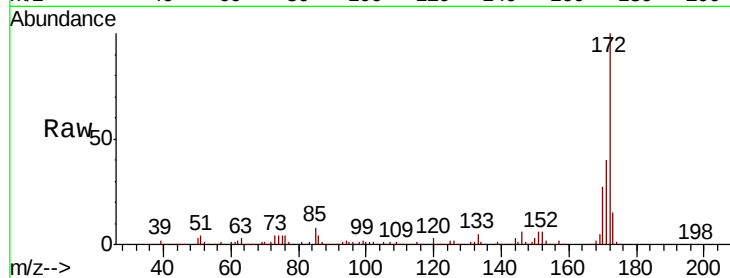
#45
2-Fluorobiphenyl
Concen: 81.649 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	27.1	22.0	33.0

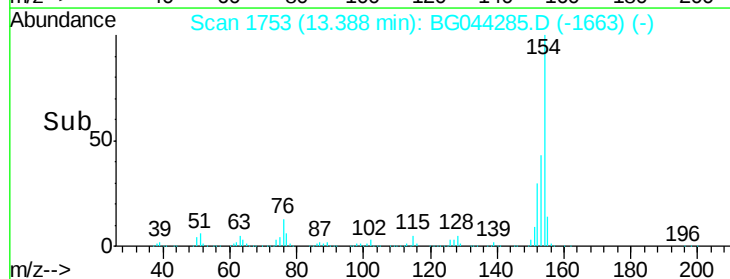
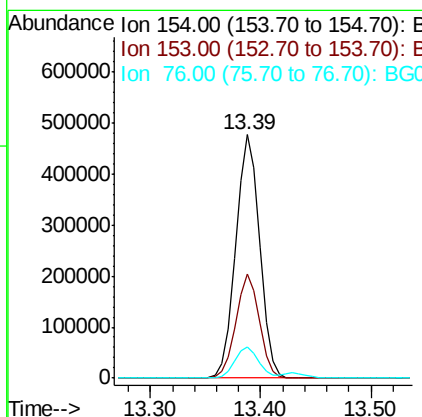
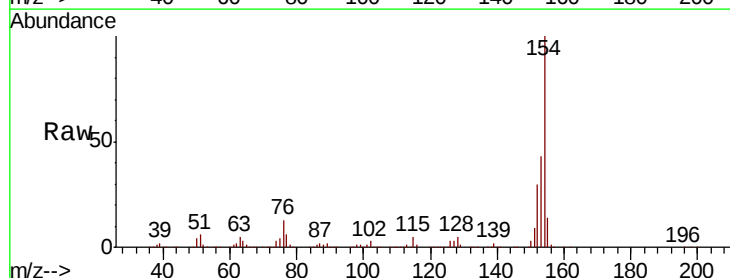
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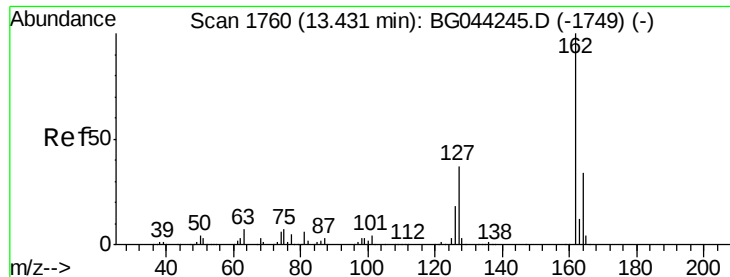
mohammad
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#46
1,1'-Biphenyl
Concen: 40.564 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.7	62.7
76	13.0	0.0	32.9





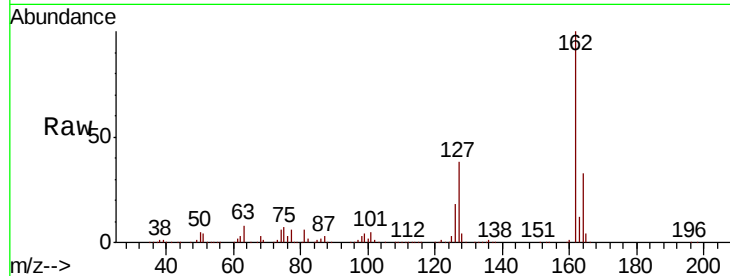
#47
2-Chloronaphthalene
Concen: 39.976 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.0	45.0
164	33.2	27.2	40.8

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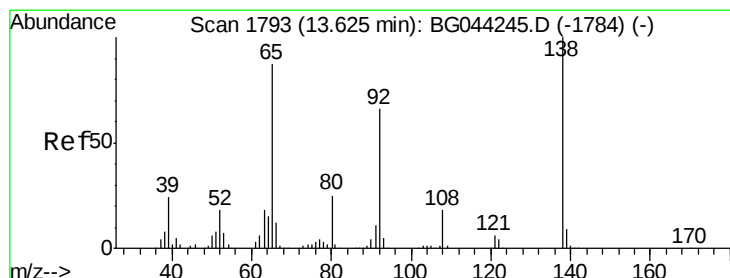
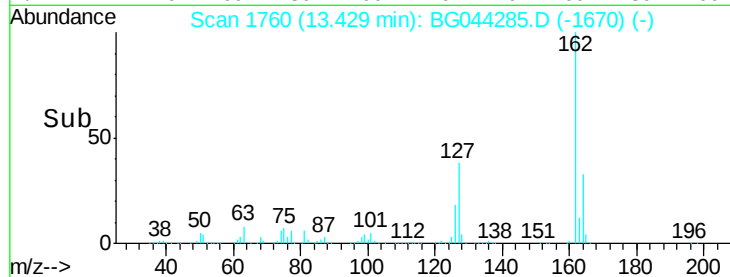
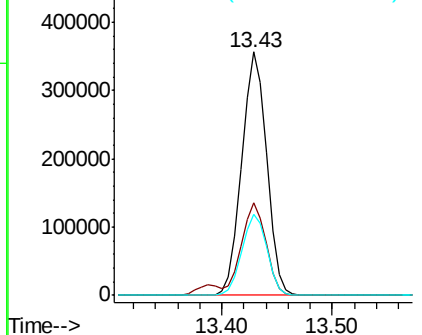


Abundance

Ion 162.00 (161.70 to 162.70): E

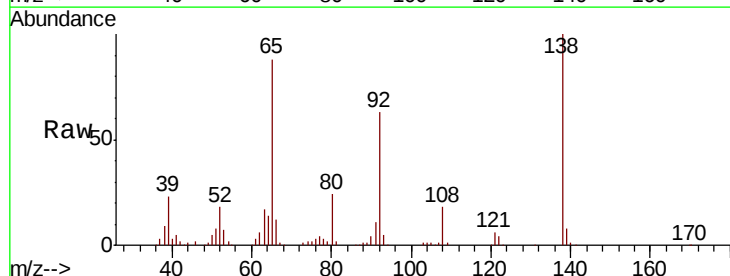
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.465 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	60.3	90.5
138	113.3	91.9	137.9

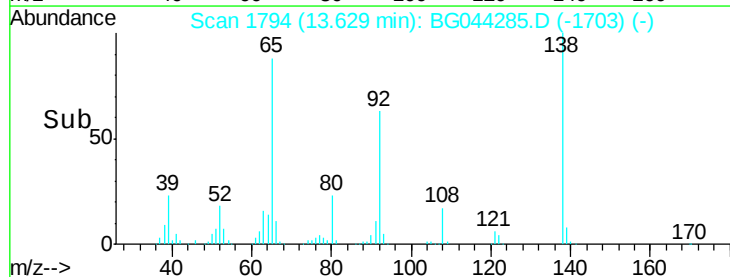
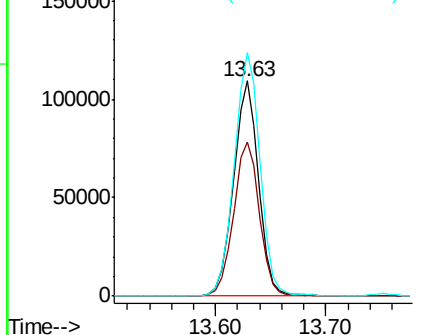


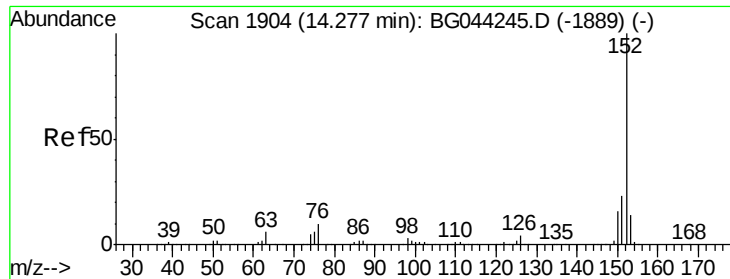
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.461 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

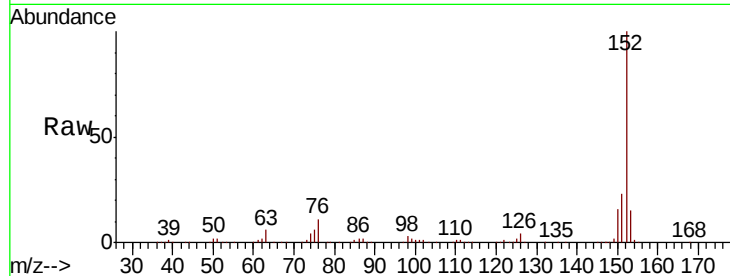
ClientSampleId :

PB126573BS

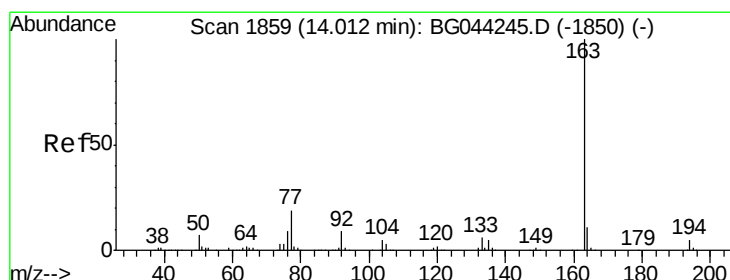
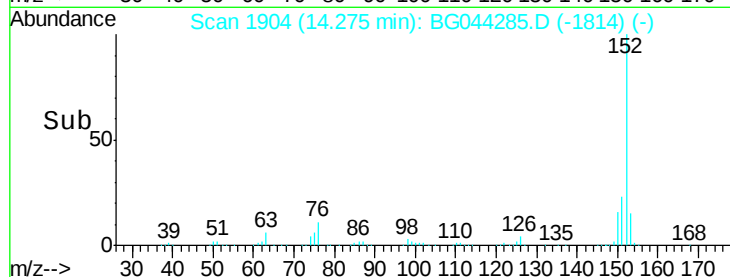
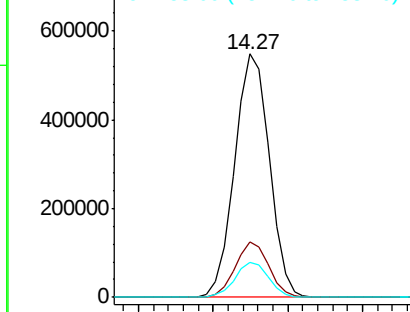
Tot Ion:	152	Resp:	884955
Ion Ratio	Lower	Upper	
152	100		
151	22.7	18.1	27.1
153	14.5	11.5	17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.956 ng

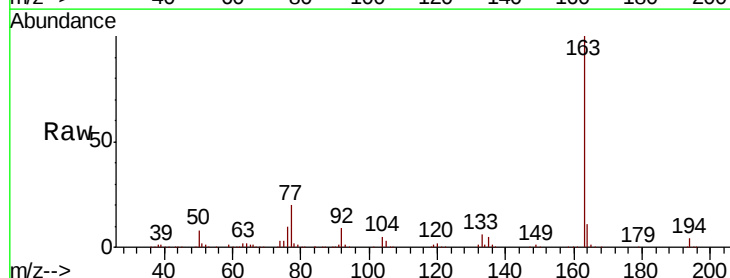
RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

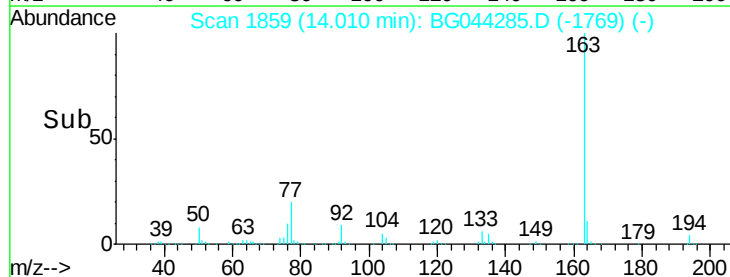
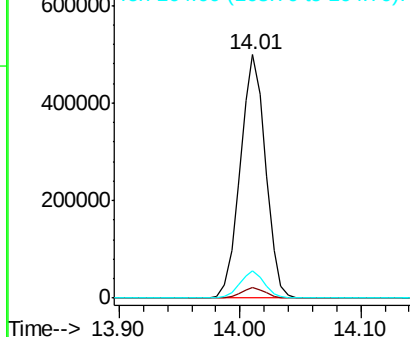
Lab File: BG044285.D

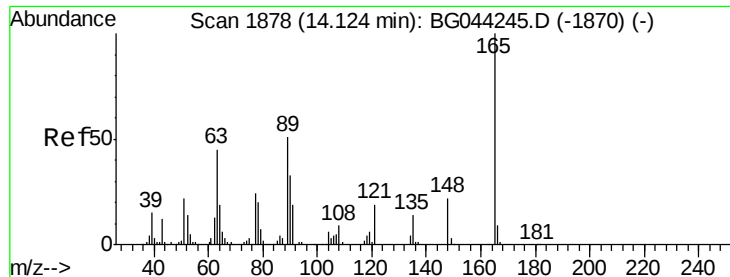
Acq: 4 Feb 2020 17:56

Tgt Ion:	163	Resp:	728827
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	11.0	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.629 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

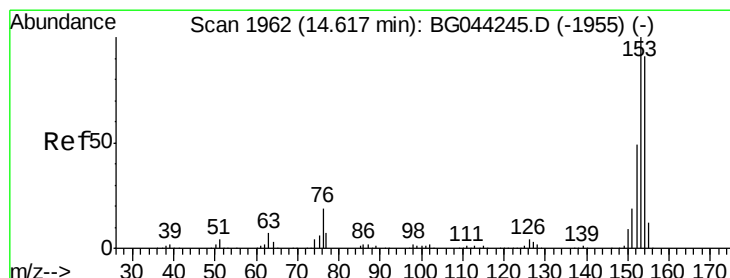
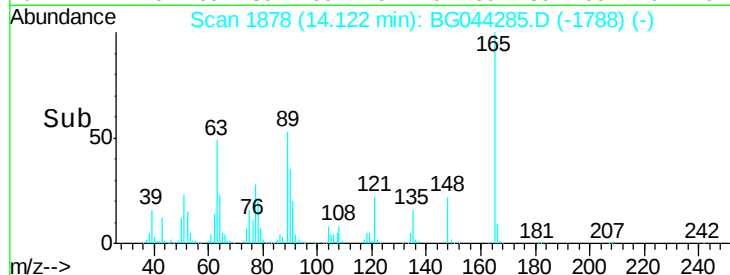
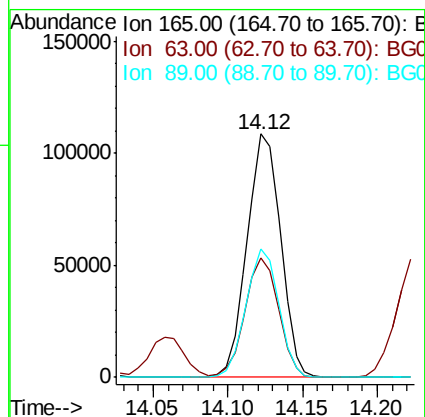
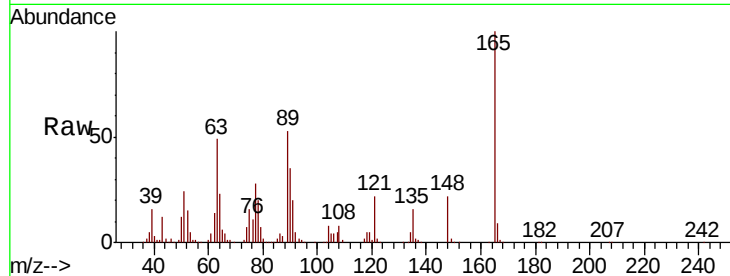
ClientSampleId :

PB126573BS

Tot Ion:	165	Resp:	169139
Ion Ratio	Lower	Upper	
165	100		
63	49.3	38.7	58.1
89	52.7	40.4	60.6

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#52

Acenaphthene

Concen: 41.112 ng

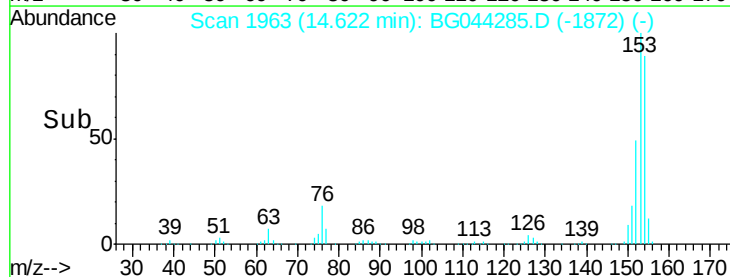
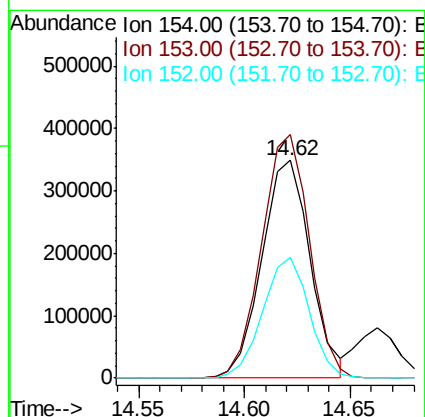
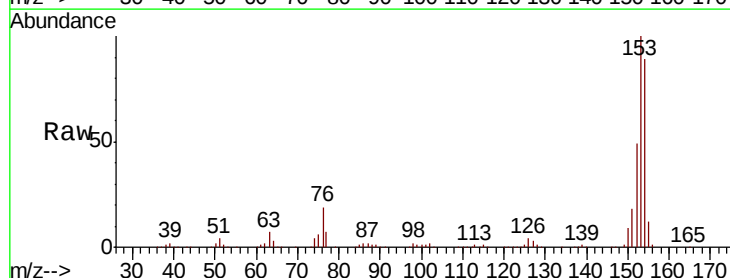
RT: 14.62 min Scan# 1963

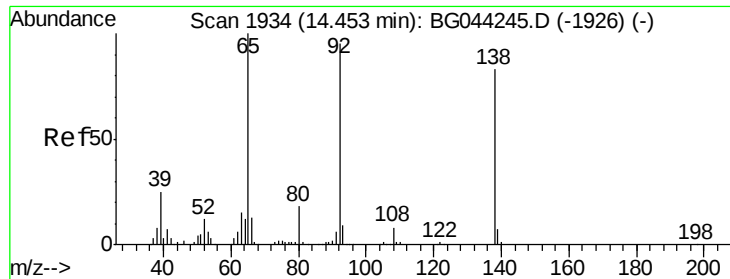
Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	154	Resp:	555374
Ion Ratio	Lower	Upper	
154	100		
153	111.8	87.9	131.9
152	55.2	43.1	64.7





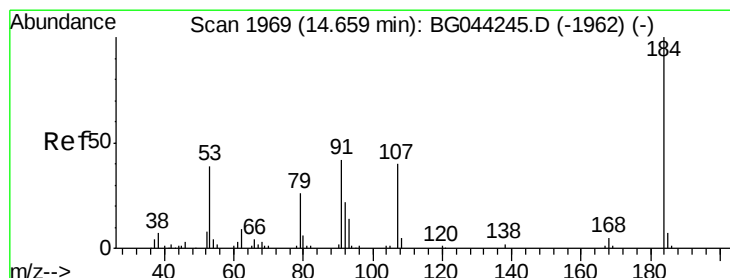
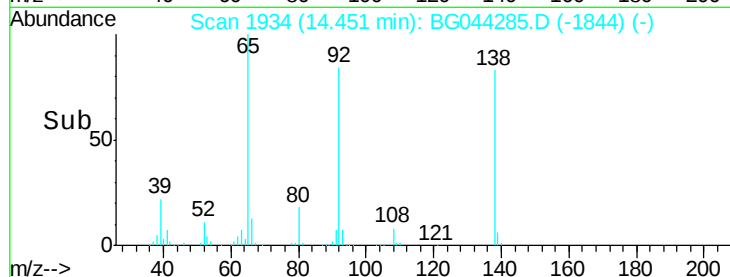
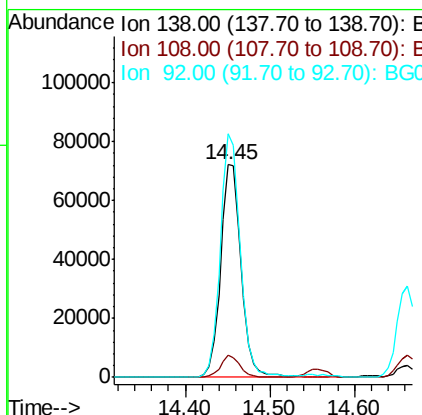
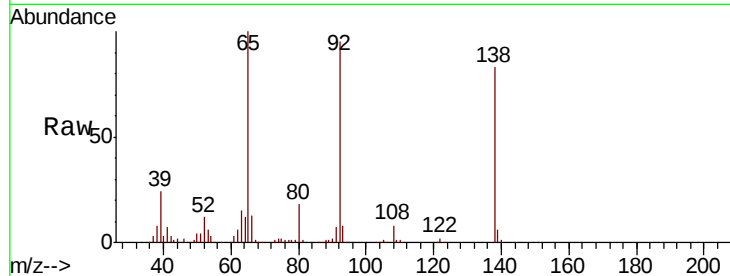
#53
3-Nitroaniline
Concen: 27.760 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	114.4	91.0	136.4

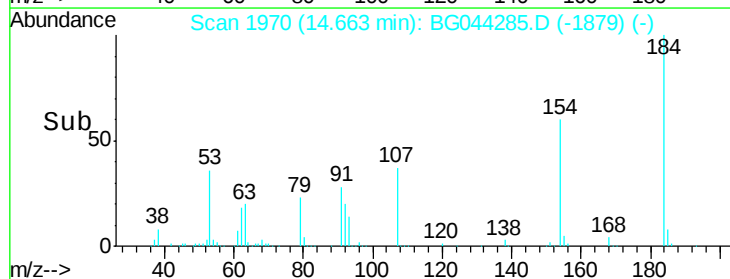
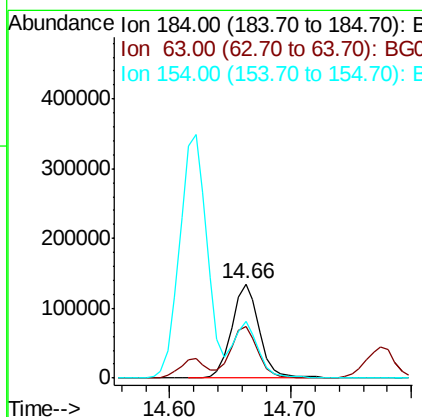
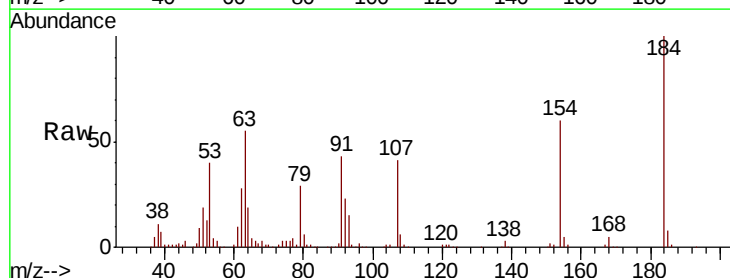
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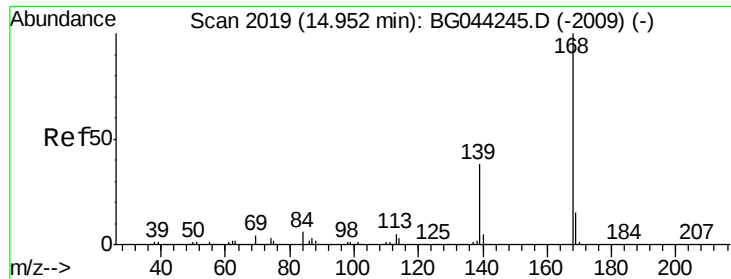
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#54
2,4-Dinitrophenol
Concen: 89.778 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	44.1	66.1
154	59.7	45.4	68.0





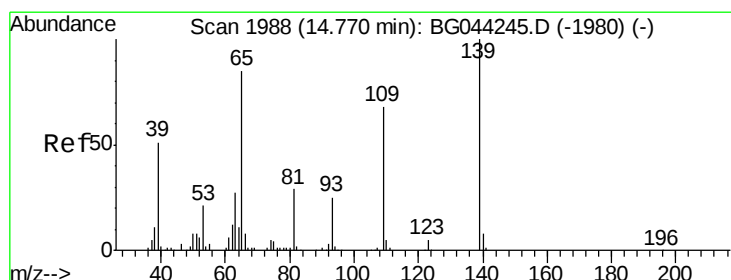
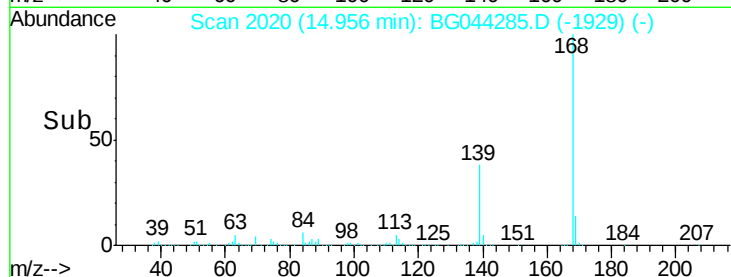
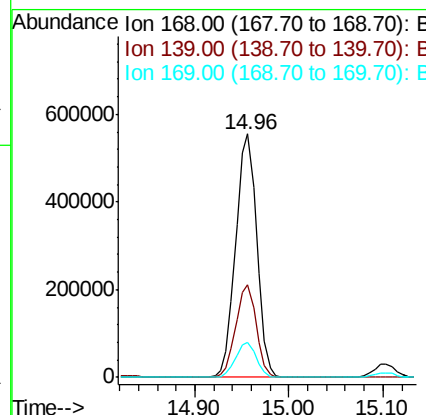
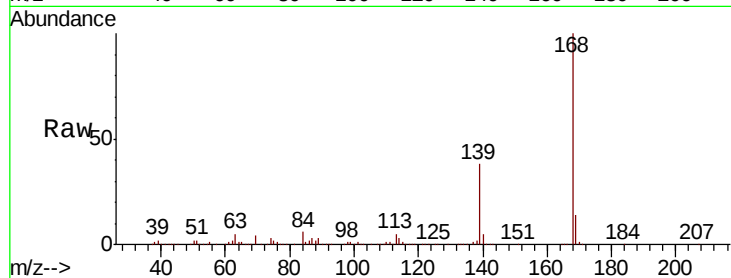
#55
Dibenzofuran
Concen: 42.382 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	14.3	11.7	17.5

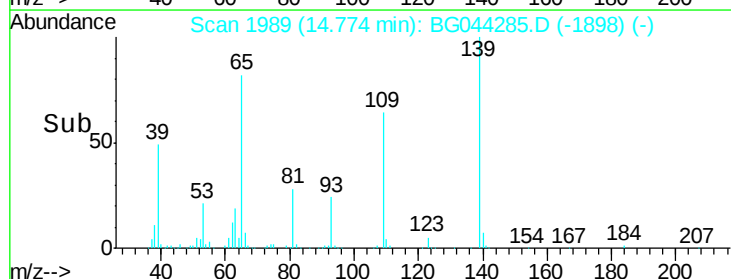
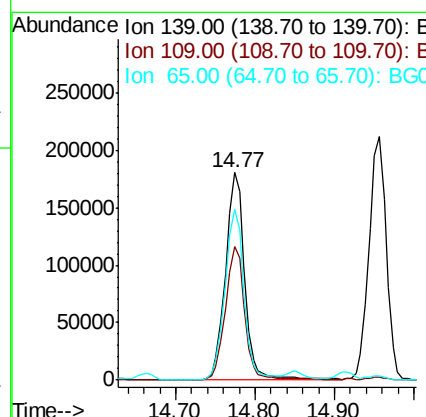
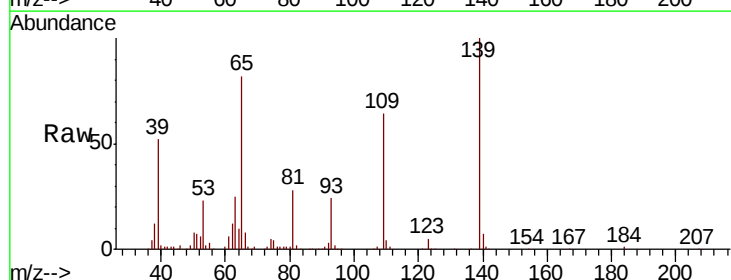
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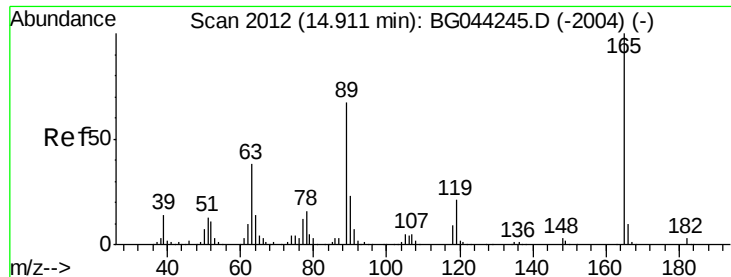
mohammad
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#56
4-Nitrophenol
Concen: 94.743 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	47.5	87.5
65	82.2	64.9	104.9





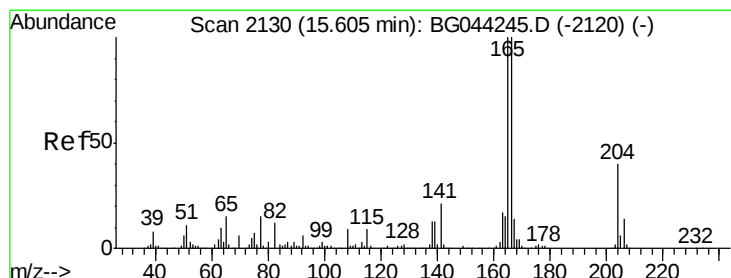
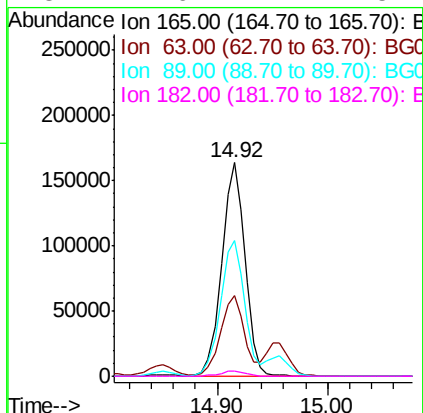
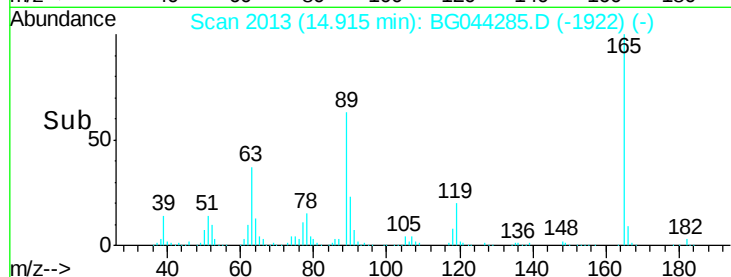
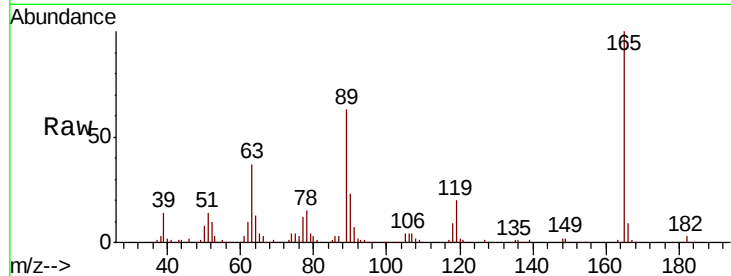
#57
2,4-Dinitrotoluene
Concen: 43.316 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	240885		
63	37.5	30.3	45.5	
89	63.3	53.4	80.2	
182	2.6	2.1	3.1	

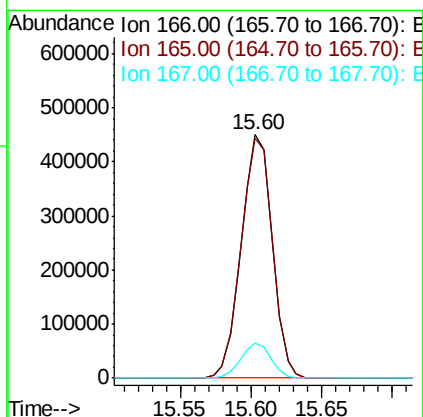
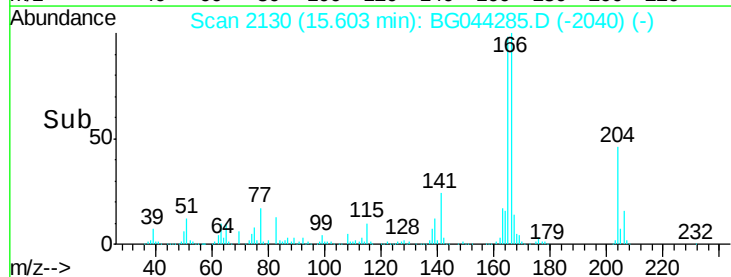
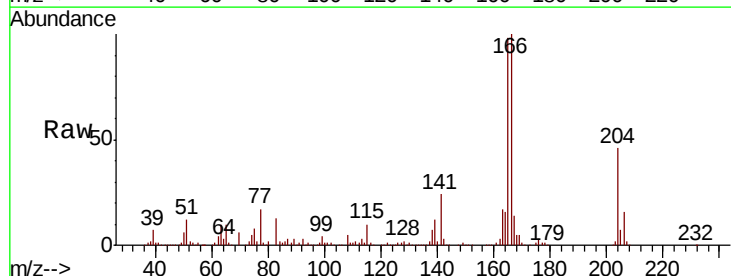
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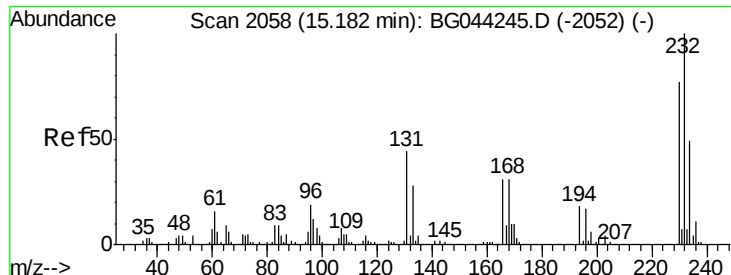
mohammad
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#58
Fluorene
Concen: 42.874 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	690671		
165	98.3	79.9	119.9	
167	14.1	11.4	17.0	





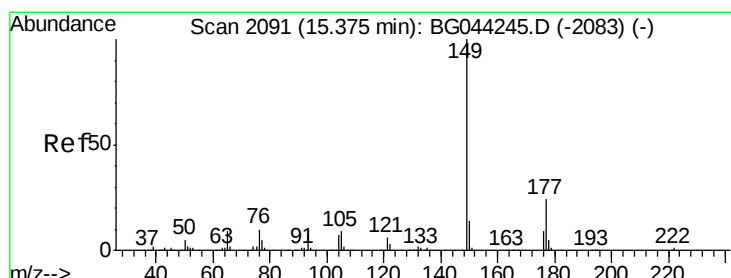
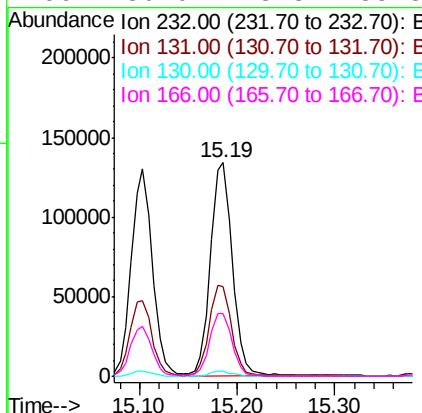
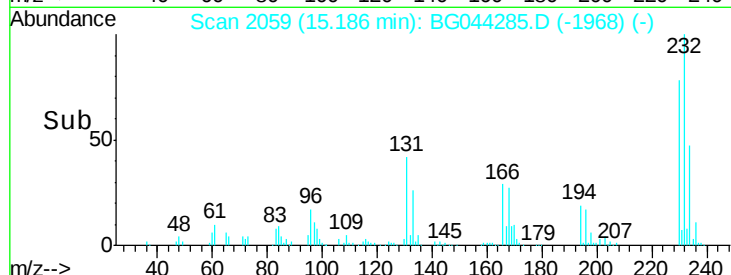
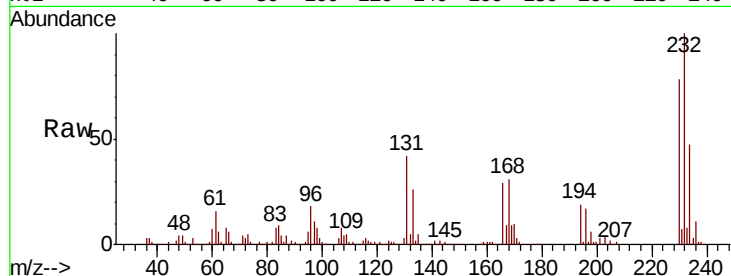
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.490 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	34.2	51.4
130	2.5	1.8	2.8
166	30.0	23.8	35.8

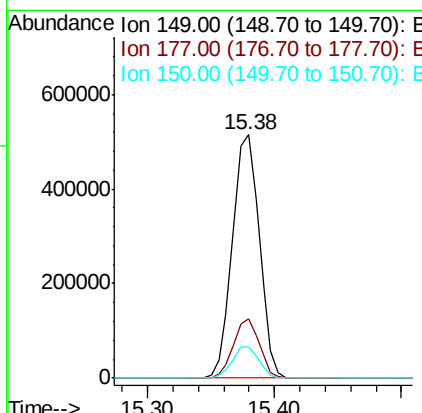
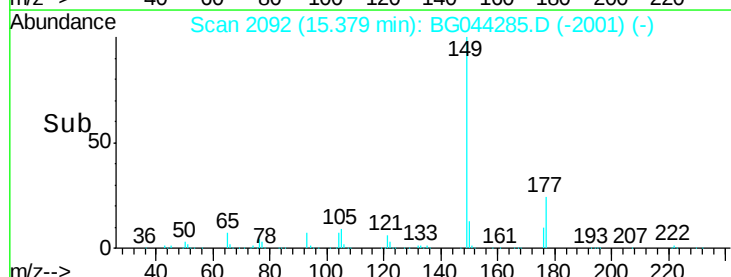
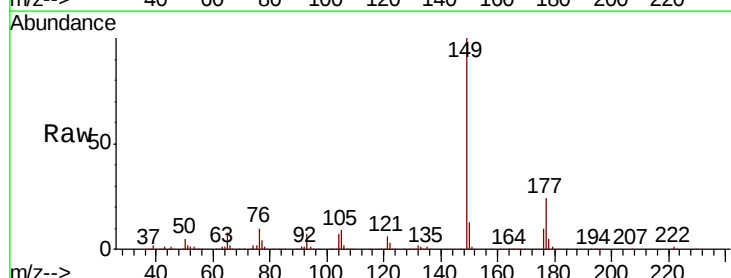
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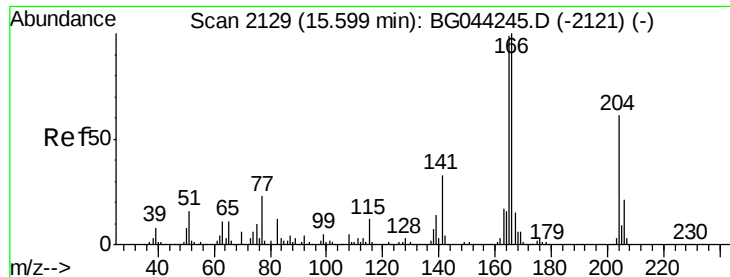
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#60
 Diethylphthalate
 Concen: 42.559 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.0	10.9	16.3





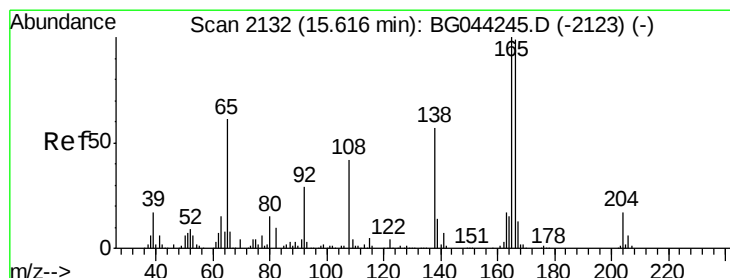
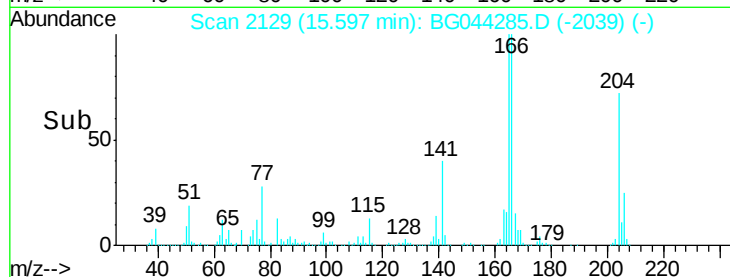
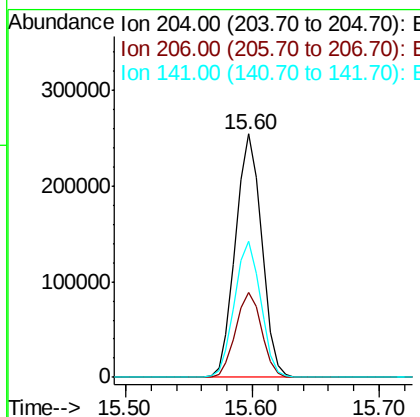
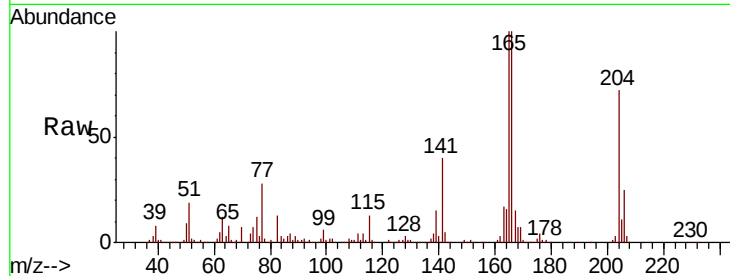
#61
4-Chlorophenyl-phenylether
Concen: 41.511 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	362581		
206	35.1	27.6	41.4	
141	55.7	43.4	65.0	

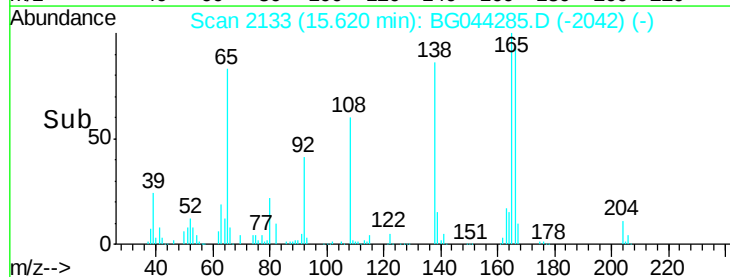
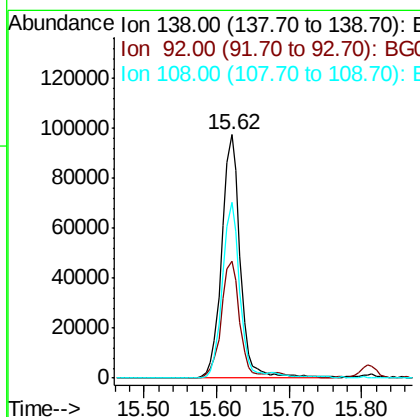
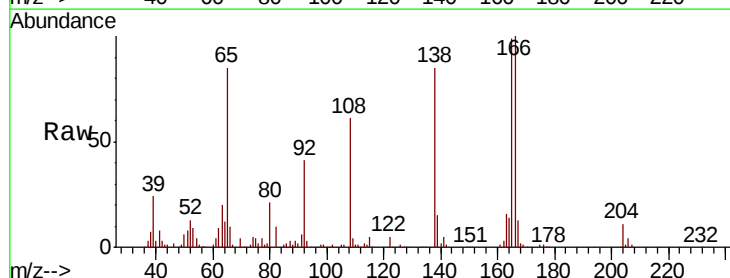
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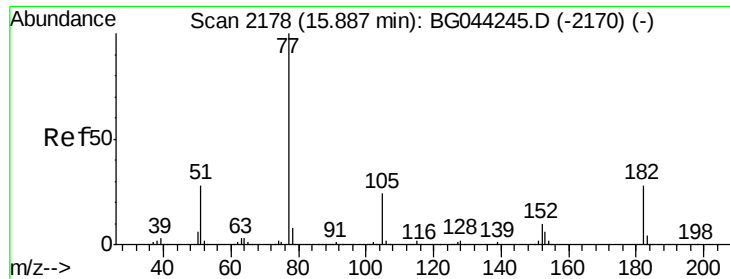
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#62
4-Nitroaniline
Concen: 39.818 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174653		
92	47.9	31.3	71.3	
108	72.0	52.6	92.6	





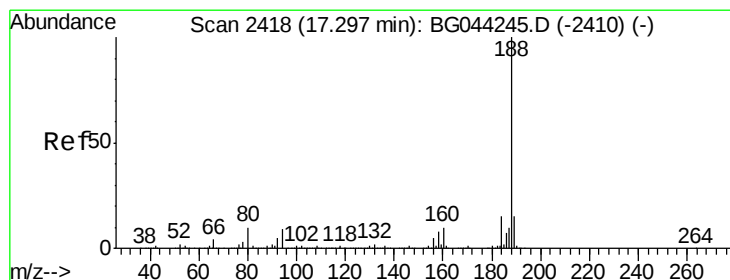
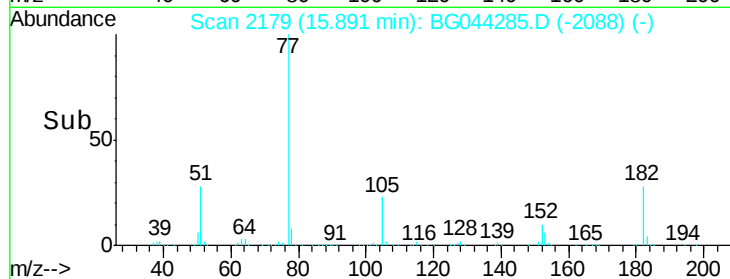
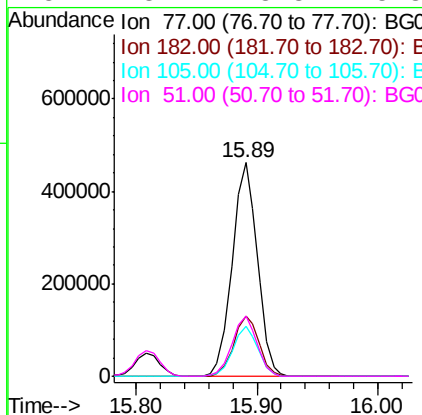
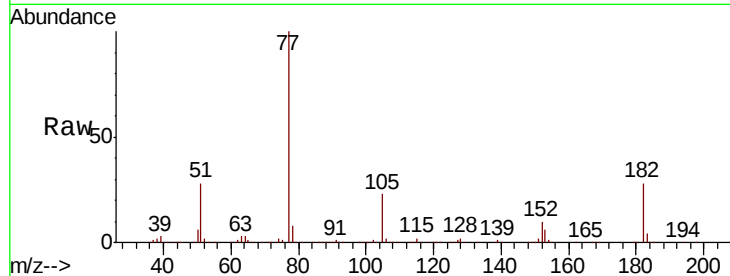
#63
Azobenzene
Concen: 42.960 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.1	8.2	48.2		
105	23.3	3.6	43.6		
51	28.2	8.3	48.3		

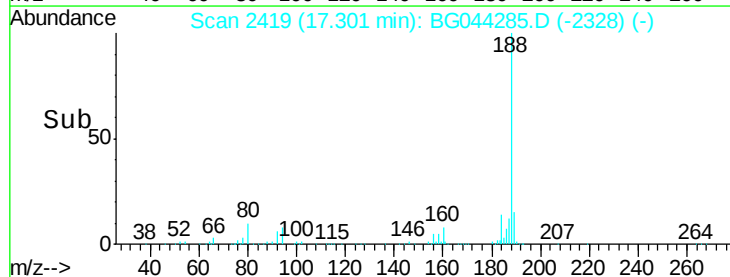
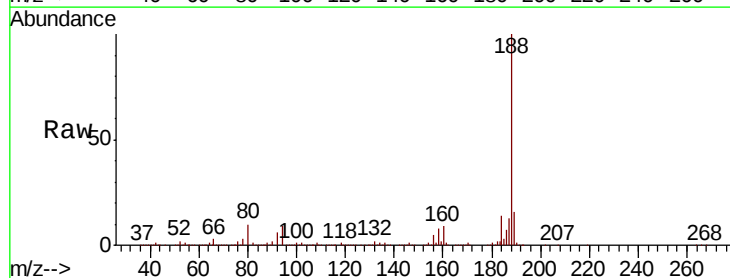
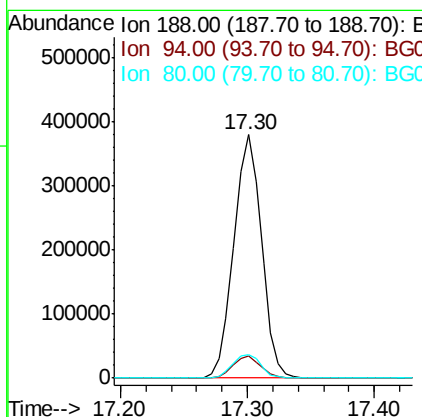
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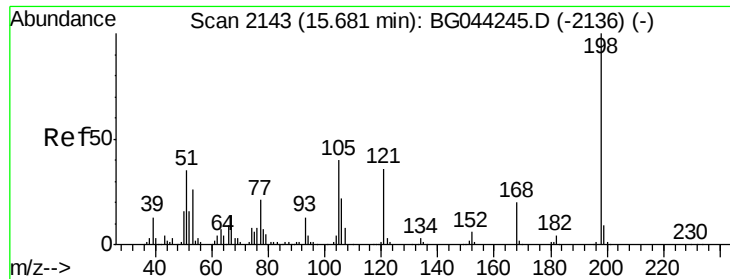
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	7.4	11.2		
80	9.9	7.7	11.5		





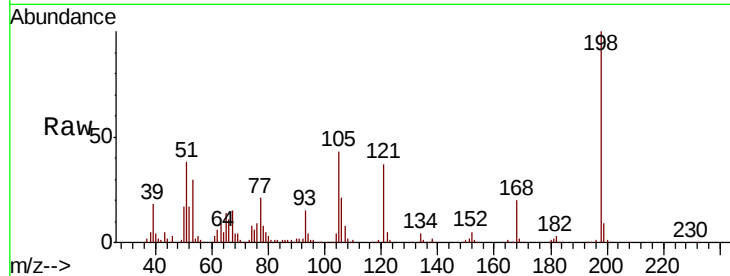
#65
4,6-Dinitro-2-methylphenol
Concen: 47.326 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

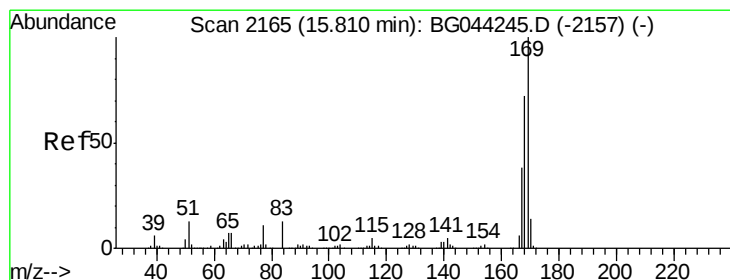
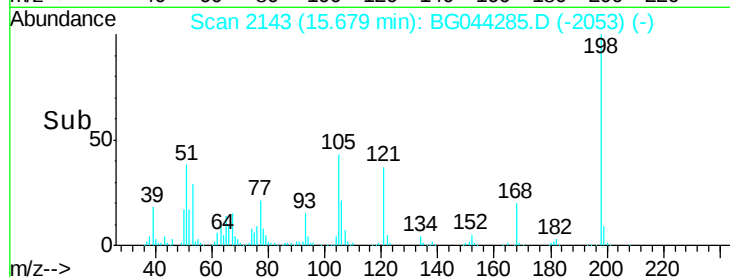
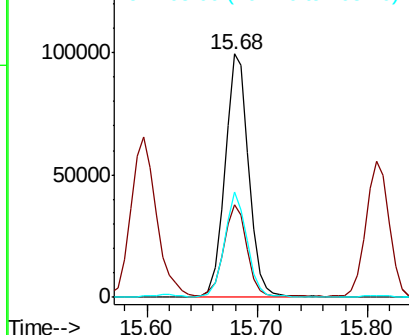
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	16.6	56.6
105	43.2	20.6	60.6

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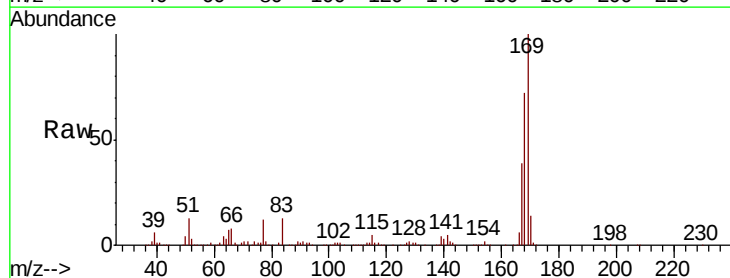


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

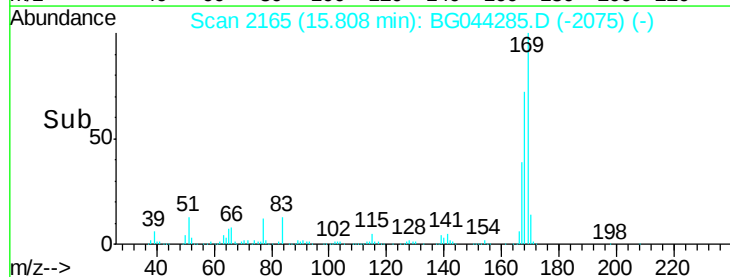
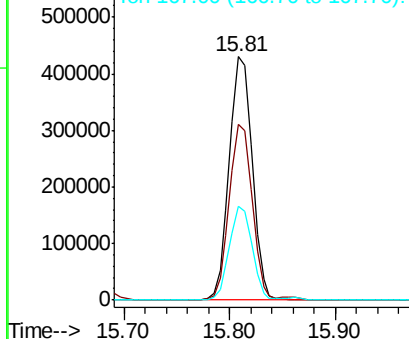


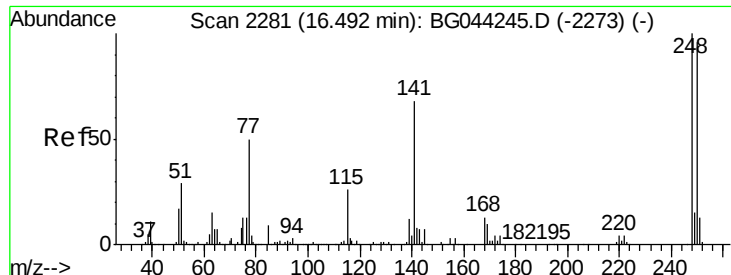
#66
n-Nitrosodiphenylamine
Concen: 40.302 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.1	57.9	86.9
167	38.7	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: 38.318 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

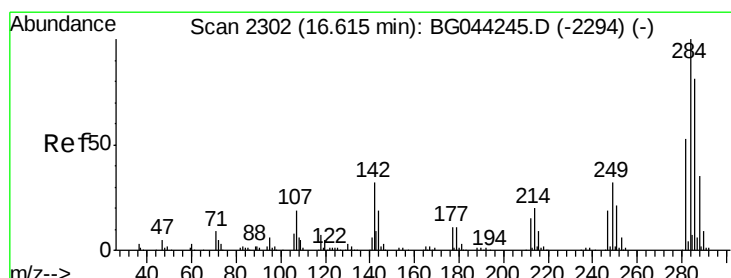
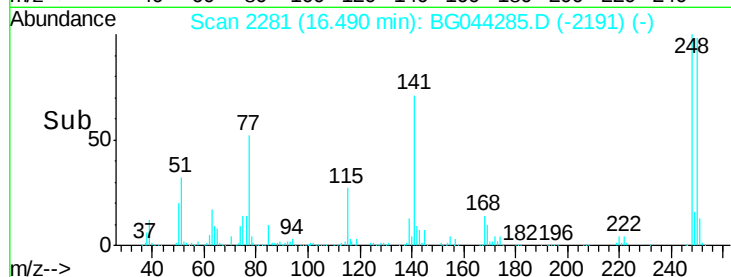
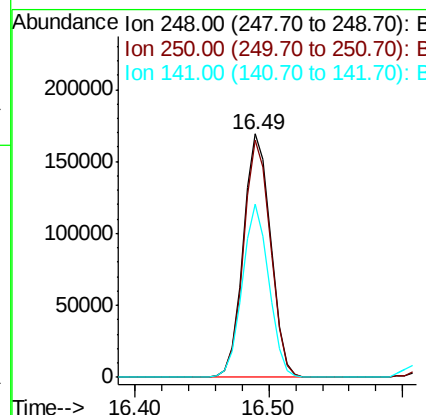
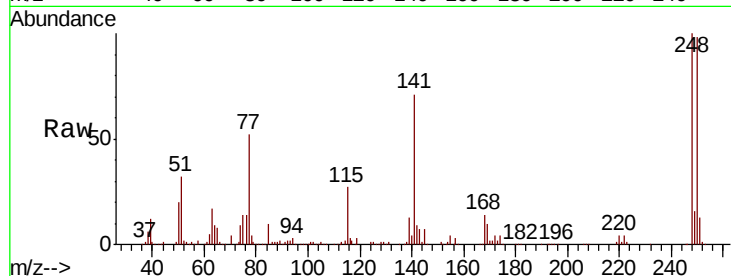
ClientSampleId :

PB126573BS

Tot Ion:	248	Resp:	238738
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.6	114.8
141	71.2	54.7	82.1

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#68

Hexachlorobenzene

Concen: 37.081 ng

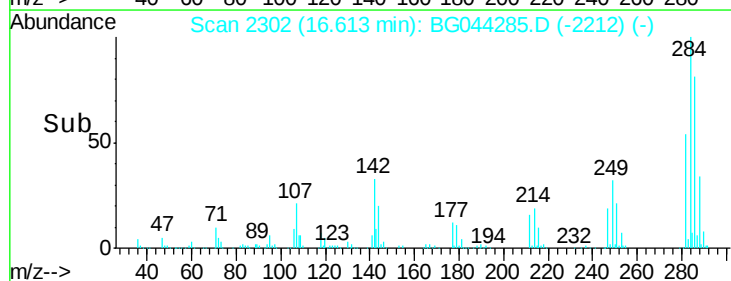
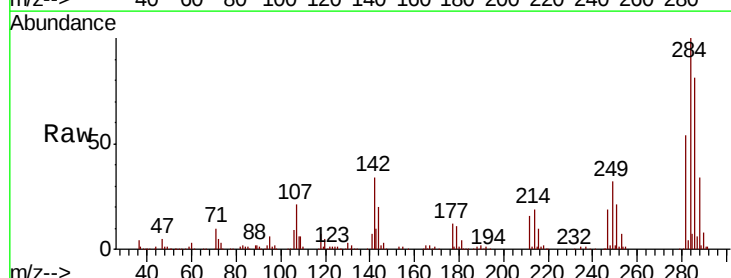
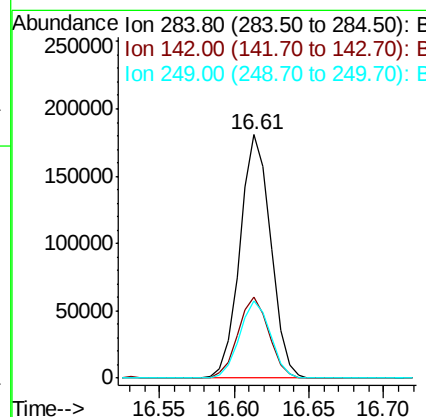
RT: 16.61 min Scan# 2302

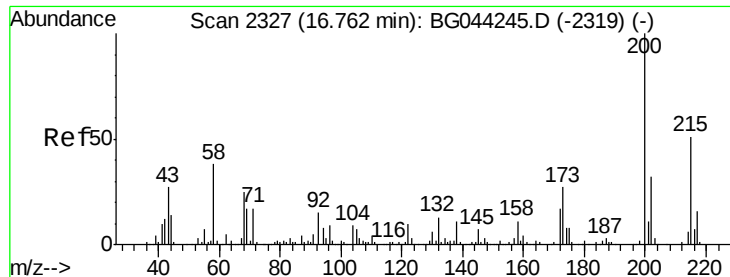
Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	284	Resp:	258832
Ion Ratio	Lower	Upper	
284	100		
142	33.5	25.3	37.9
249	31.6	25.5	38.3





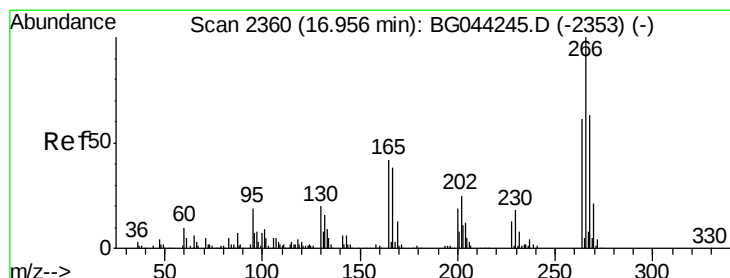
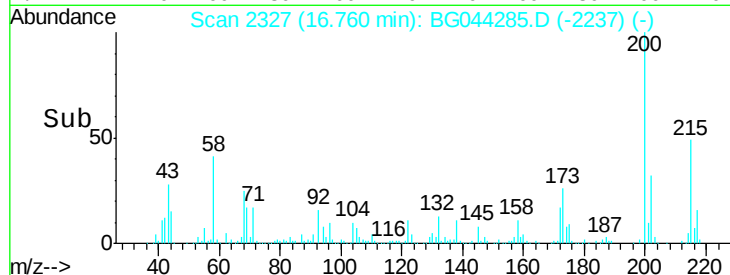
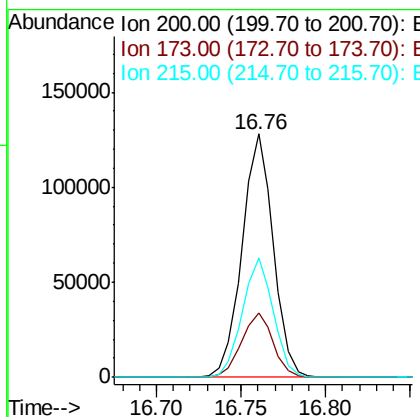
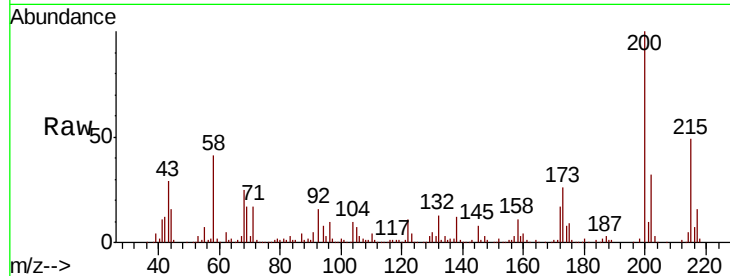
#69
 Atrazine
 Concen: 29.941 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	6.6	46.6
215	49.1	31.0	71.0

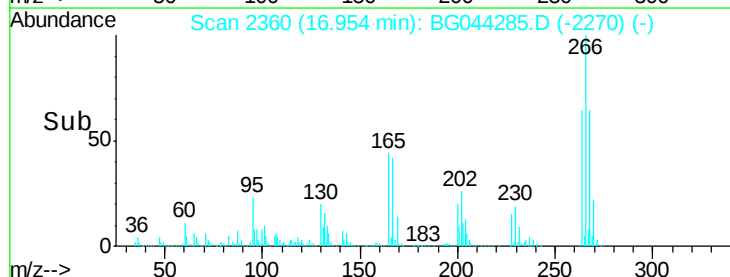
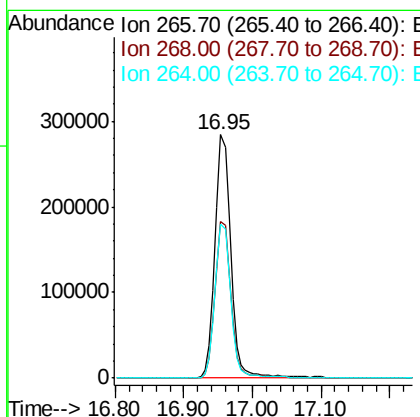
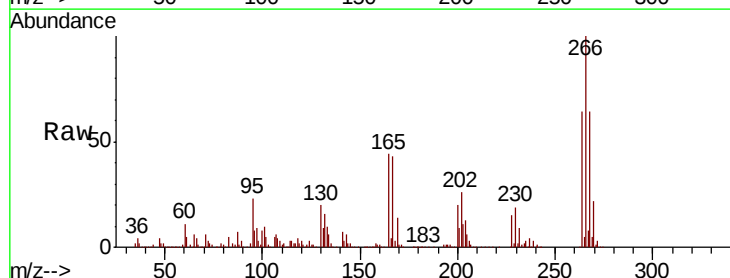
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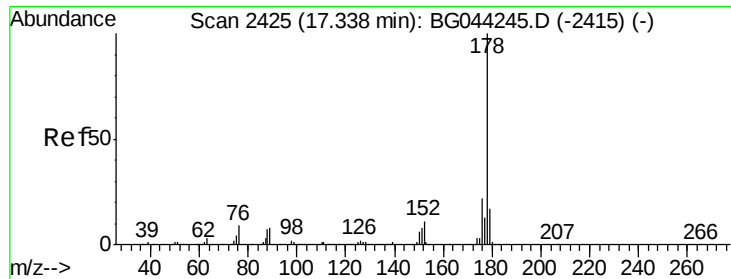
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#70
 Pentachlorophenol
 Concen: 127.628 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	50.6	75.8
264	63.5	48.7	73.1





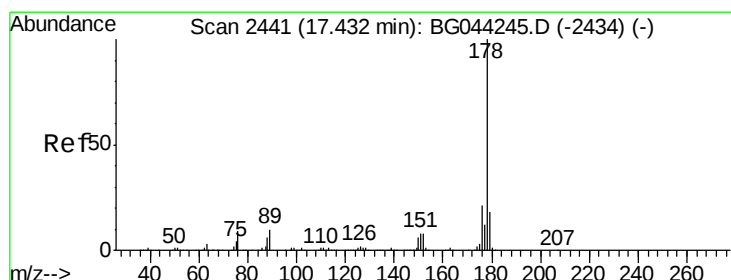
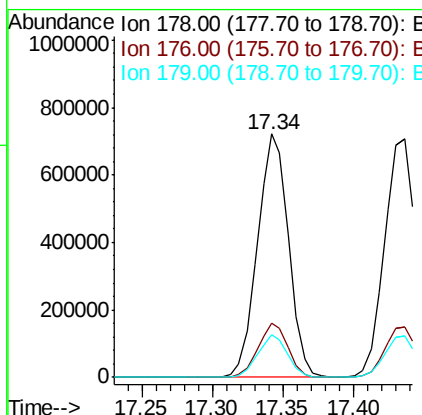
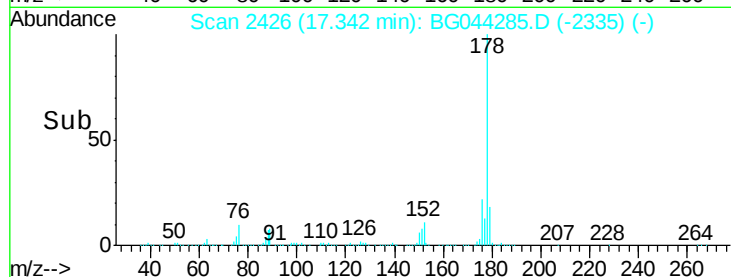
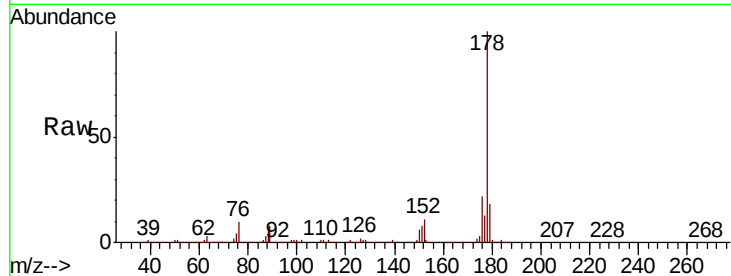
#71
Phenanthrene
Concen: 40.246 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion:178 Resp: 1114463
Ion Ratio Lower Upper
178 100
176 22.3 17.7 26.5
179 17.6 13.7 20.5

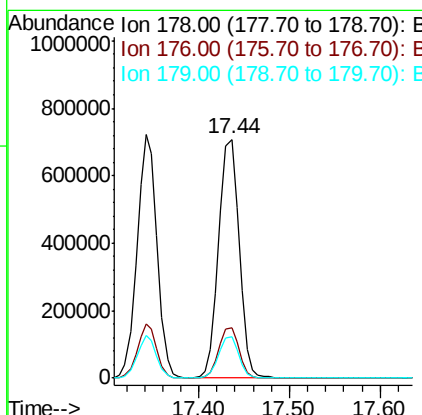
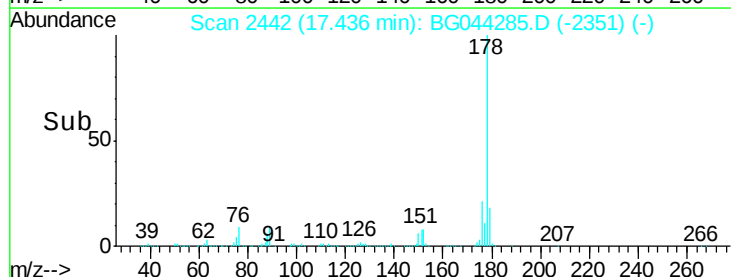
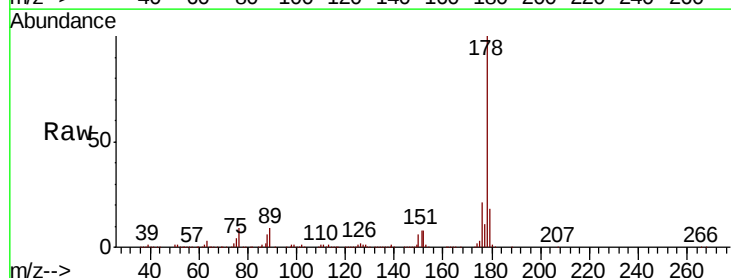
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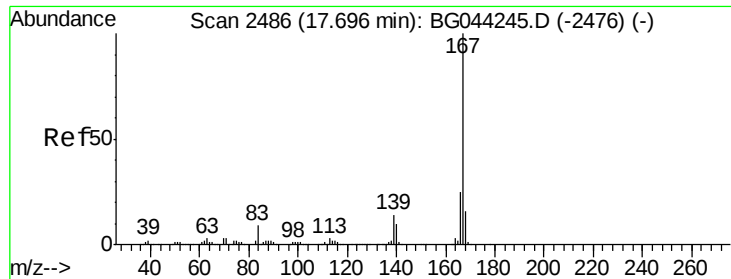
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#72
Anthracene
Concen: 40.637 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion:178 Resp: 1112545
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.5 14.4 21.6





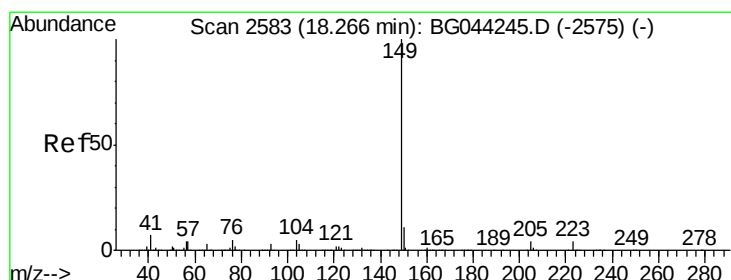
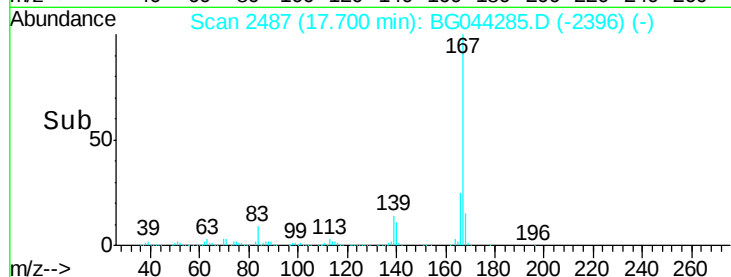
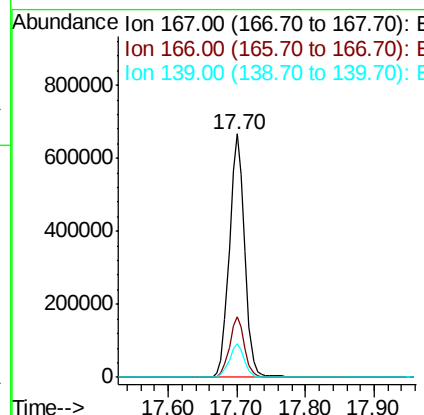
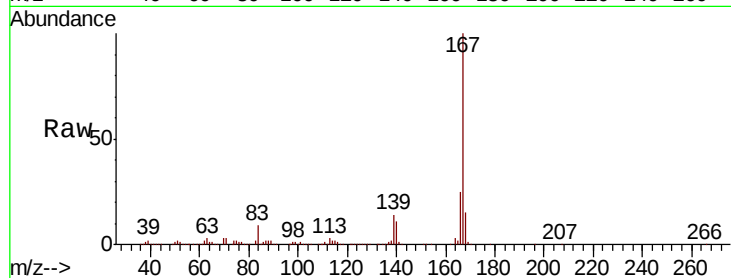
#73
 Carbazole
 Concen: 41.255 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.8	29.6
139	13.8	11.1	16.7

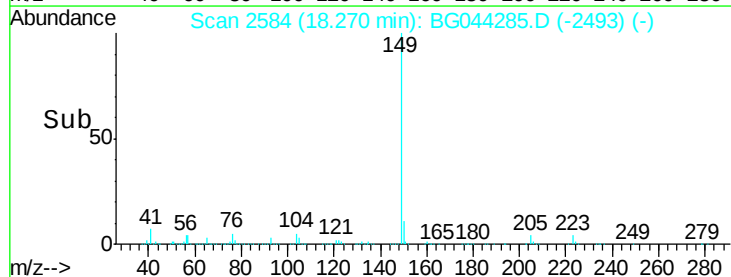
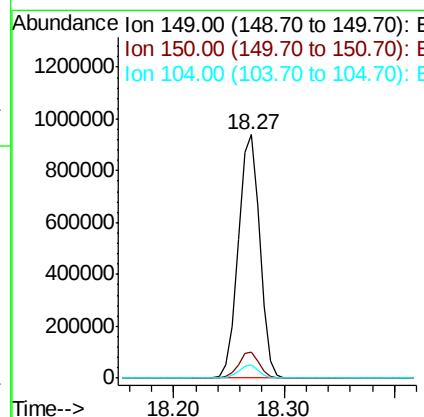
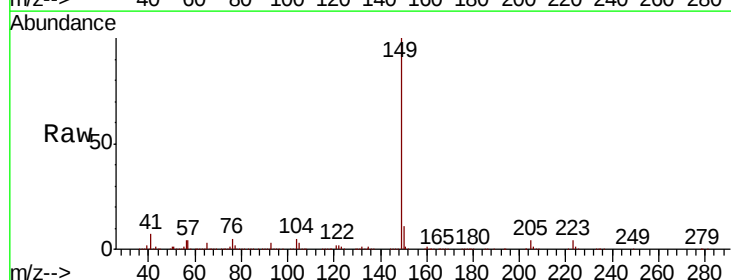
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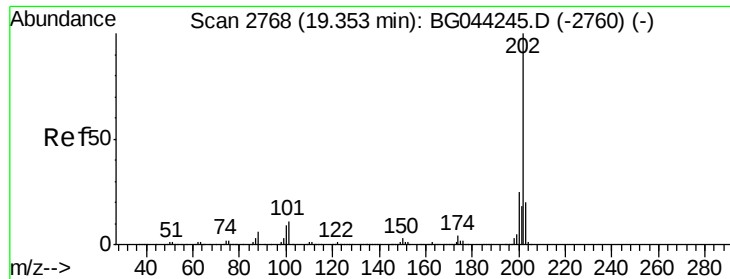
mohammad
 2/6/2020 2:17:54 PM



#74
 Di-n-butylphthalate
 Concen: 41.122 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 40.986 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

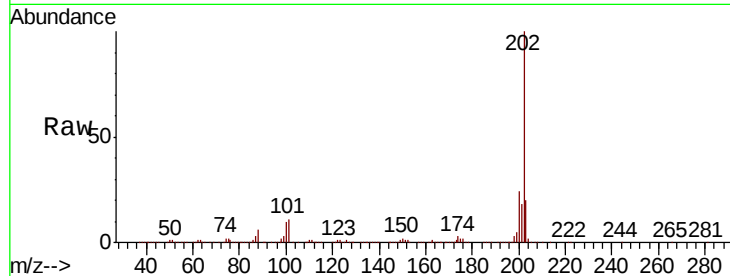
ClientSampleId :

PB126573BS

Tot Ion:	202	Resp:	1312960
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	19.7	0.0	39.9

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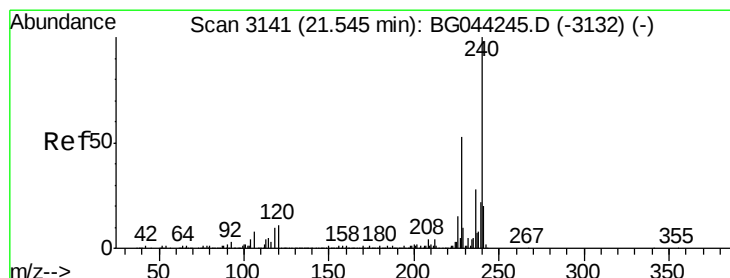
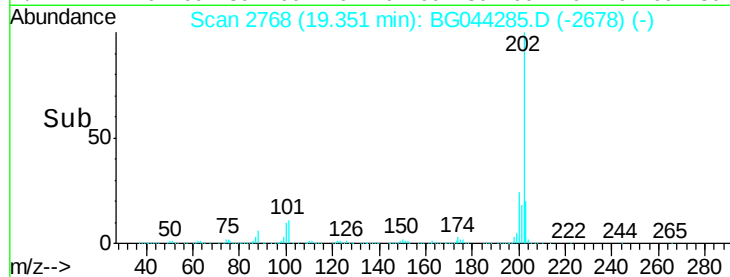
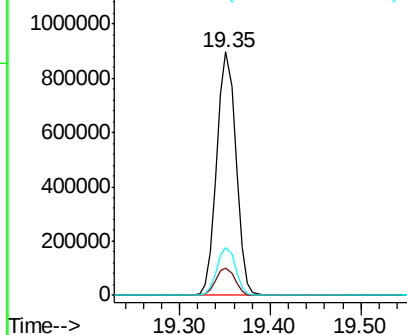


Abundance

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

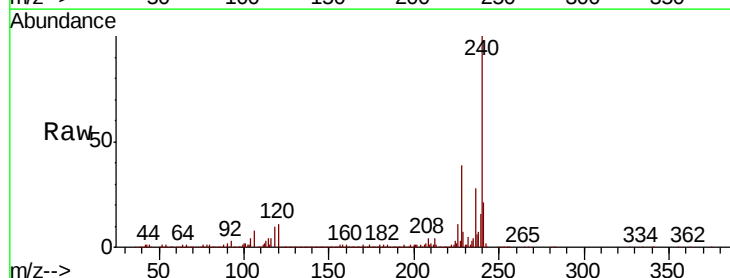
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	240	Resp:	563035
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	28.1	22.1	33.1

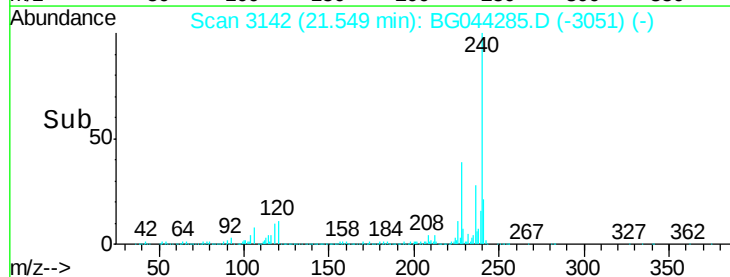
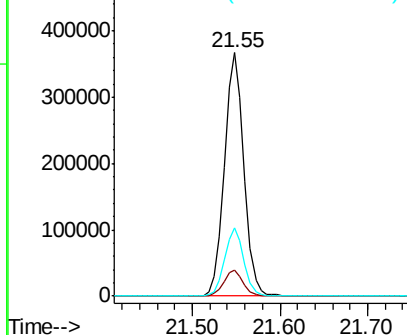


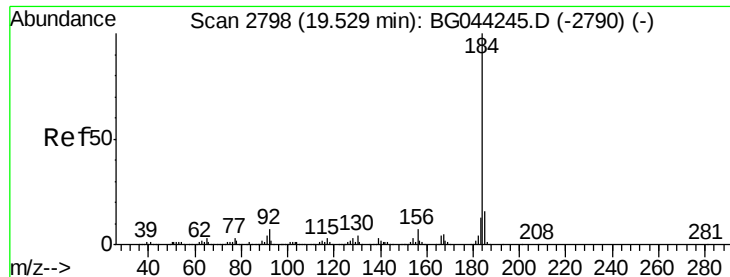
Abundance

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: 9.586 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

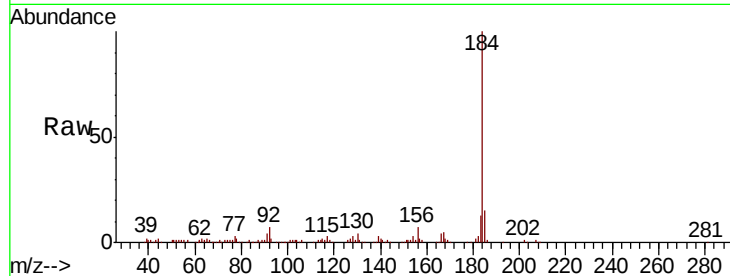
ClientSampleId :

PB126573BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	12.7	10.8	16.2

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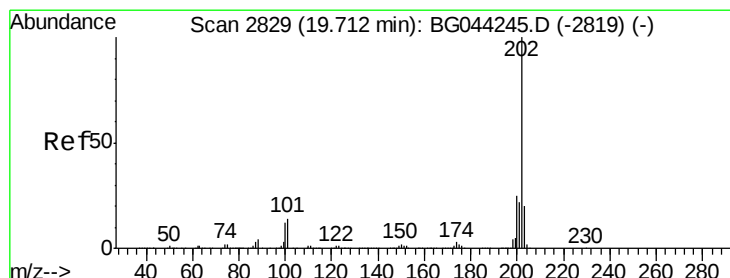
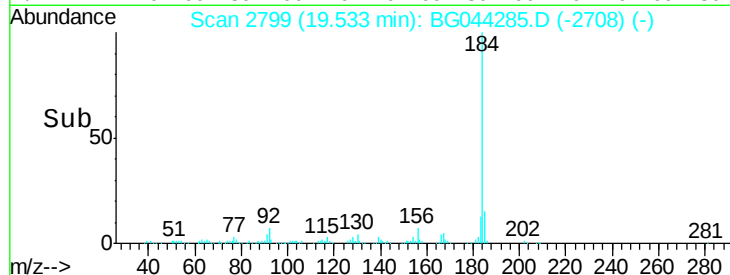
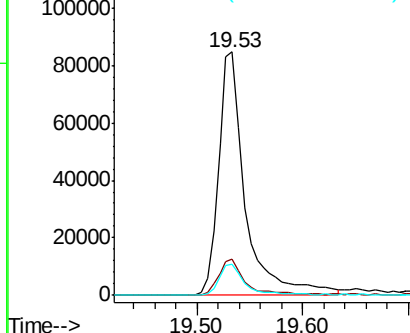


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.153 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

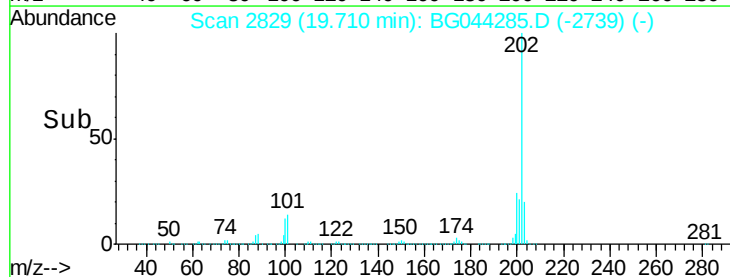
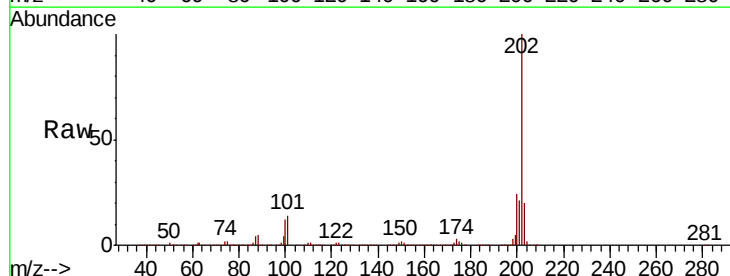
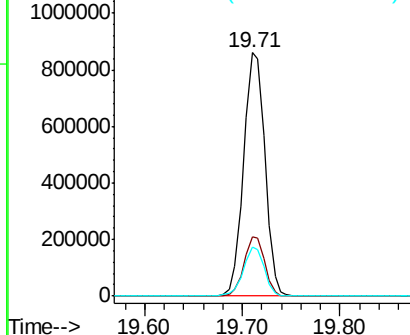
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.2	20.0	30.0
203	19.9	16.2	24.2

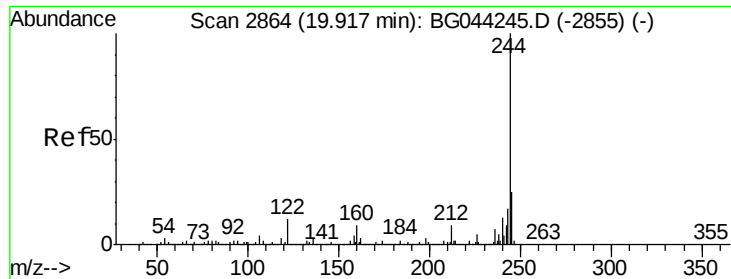
Abundance

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





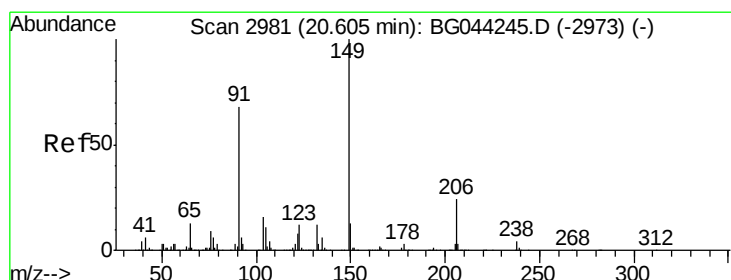
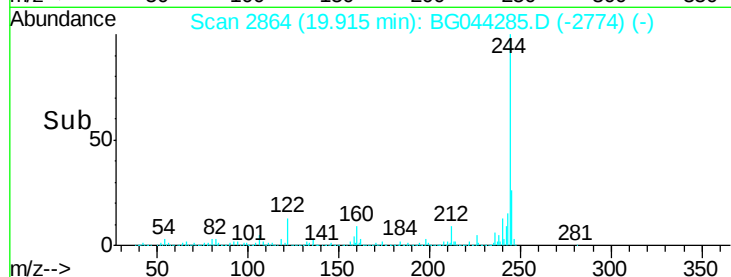
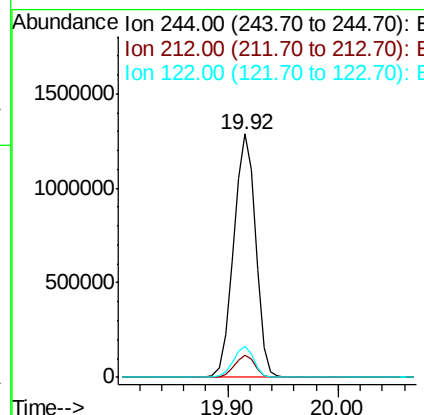
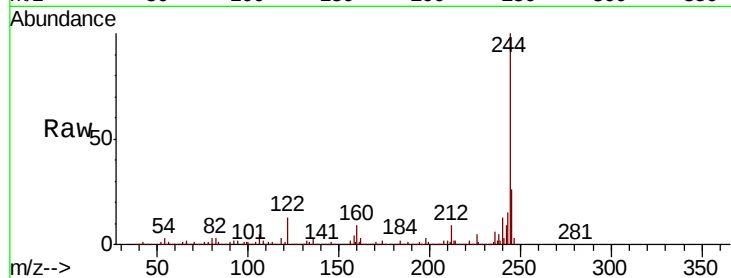
#79
Terphenyl-d14
Concen: 65.934 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.2
122	12.6	9.8	14.6

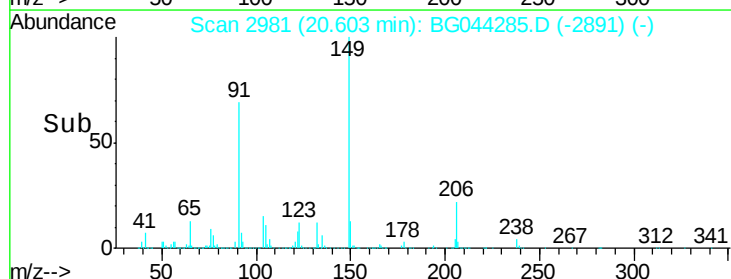
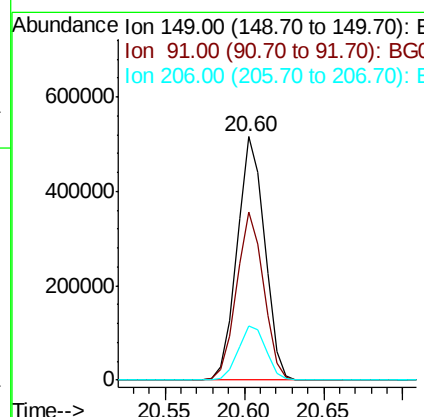
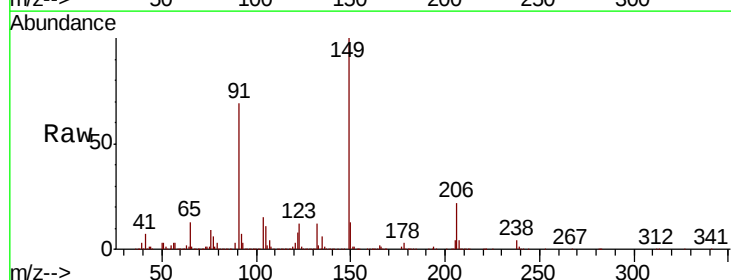
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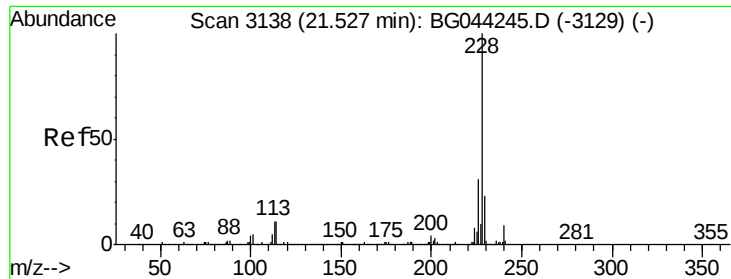
mohammad
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#80
Butylbenzylphthalate
Concen: 37.501 ng
RT: 20.60 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.5	81.7
206	22.4	19.1	28.7





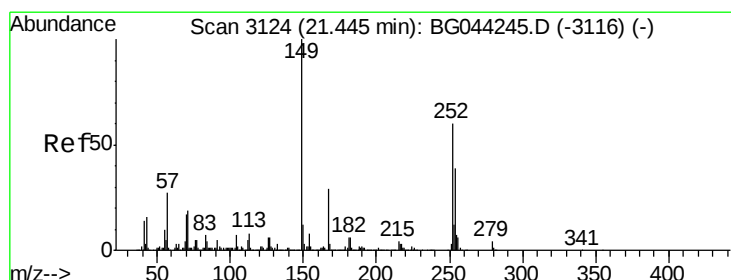
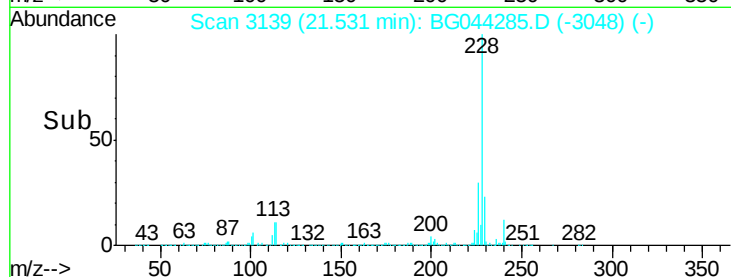
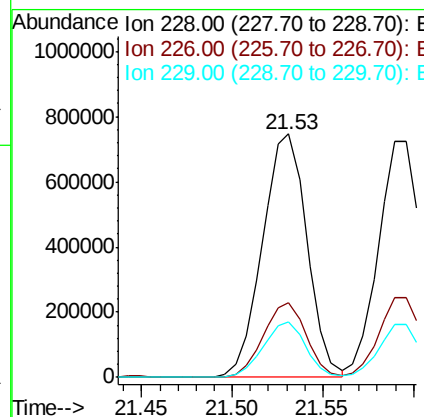
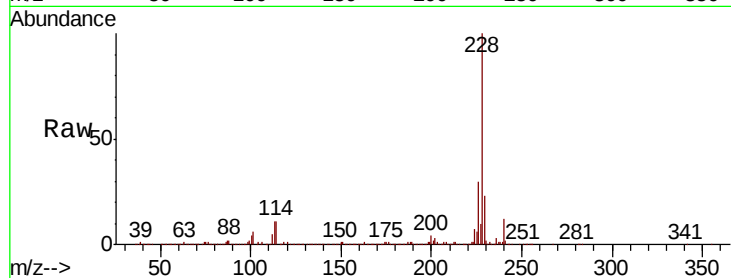
#81
Benzo(a)anthracene
Concen: 36.804 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.6	18.2	27.4

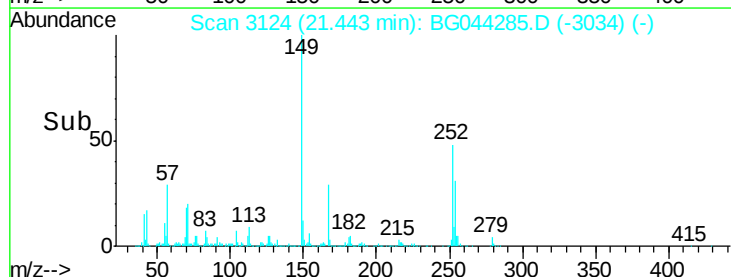
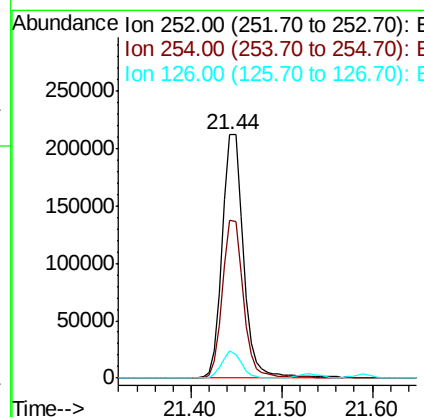
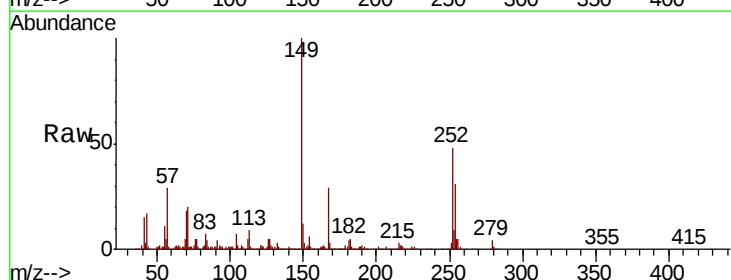
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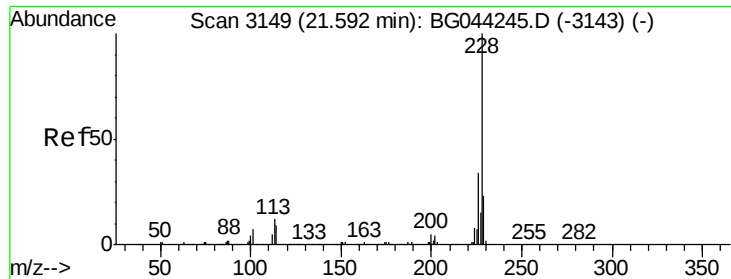
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 25.532 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	11.4	8.2	12.4





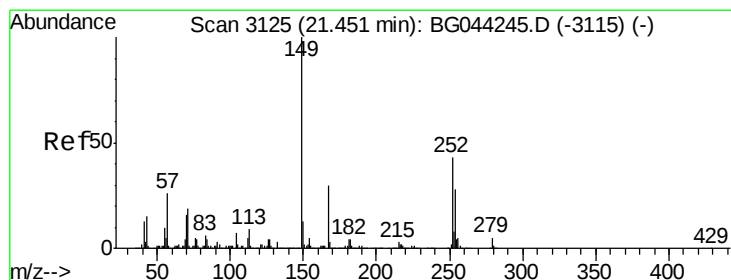
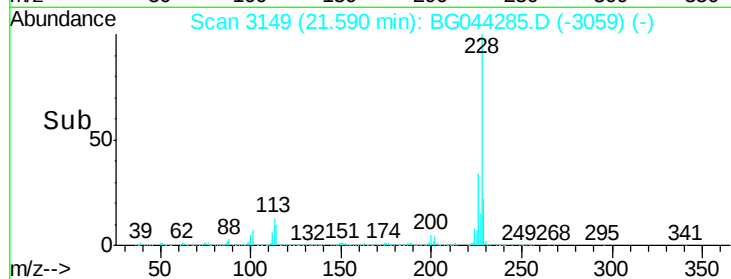
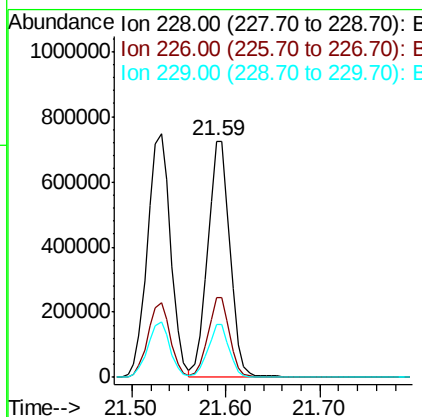
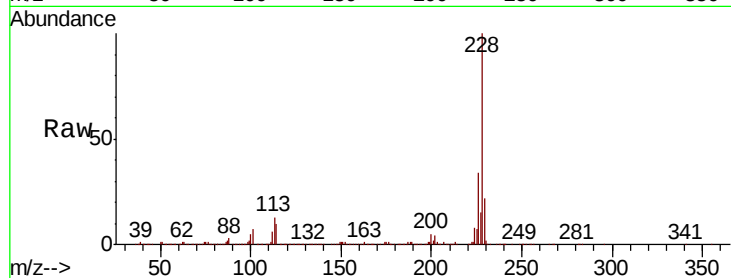
#83
 Chrvsene
 Concen: 35.977 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.1	40.7
229	22.4	17.9	26.9

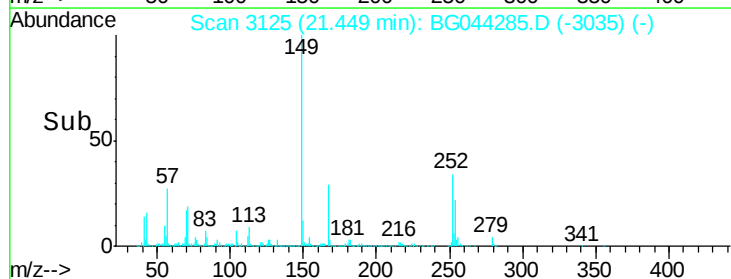
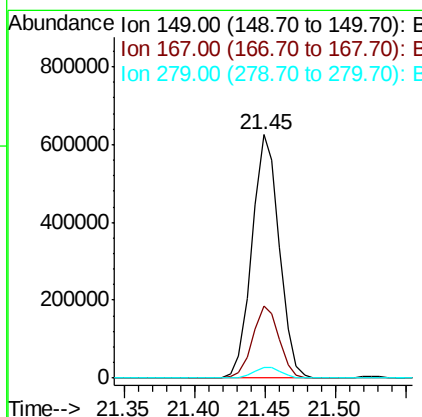
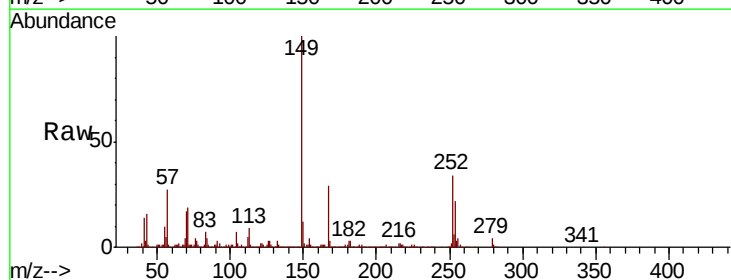
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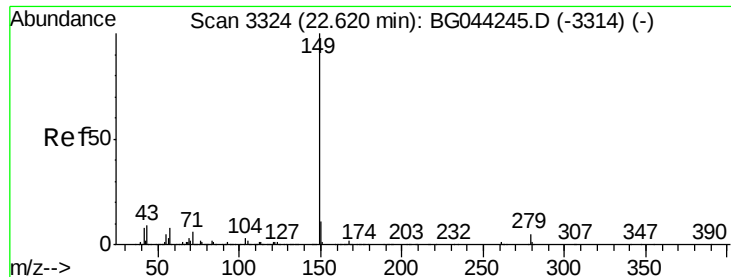
mohammad
 2/6/2020 2:17:54 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.355 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044285.D
 Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.0	36.0
279	4.4	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 37.459 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

ClientSampleId :

PB126573BS

Tot Ion:149 Resp: 1469972

Ion Ratio Lower Upper

149 100

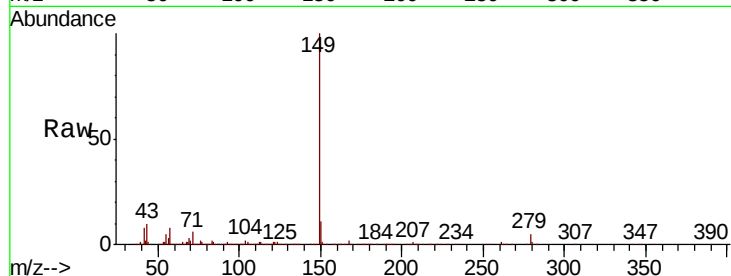
167 1.8 1.3 1.9

43 9.5 7.4 11.0

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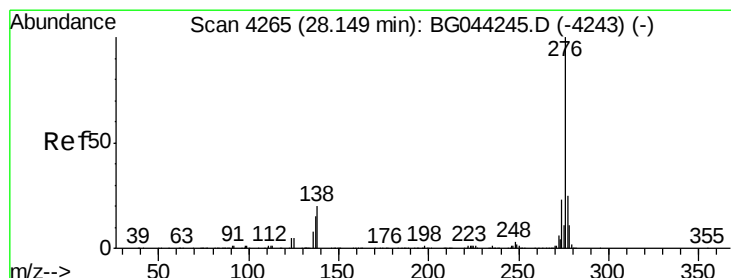
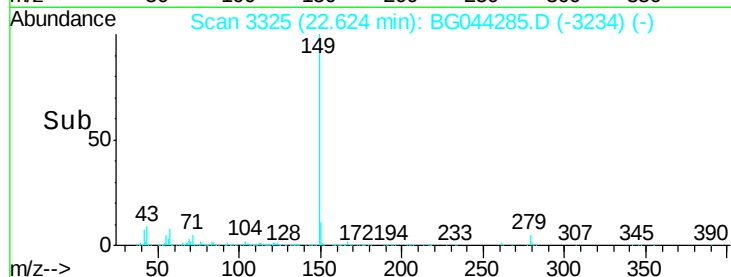
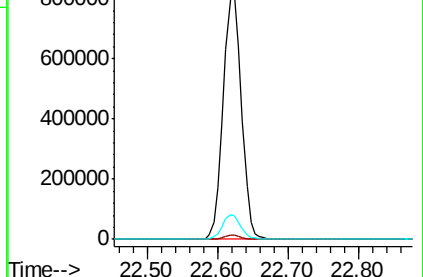
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.248 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

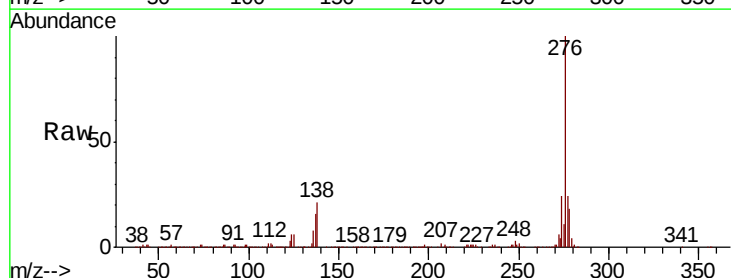
Tgt Ion:276 Resp: 1542444

Ion Ratio Lower Upper

276 100

138 24.8 19.4 29.0

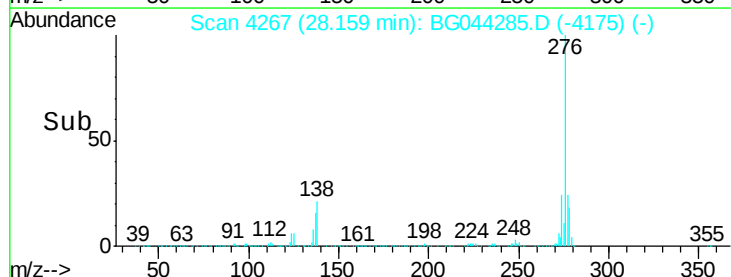
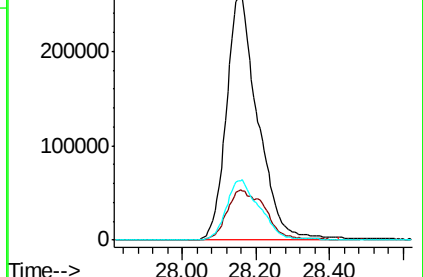
277 26.1 21.0 31.6

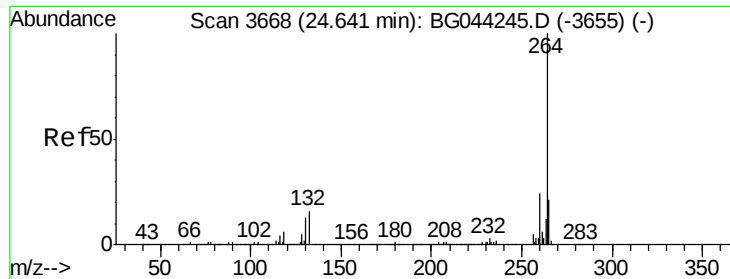


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Instrument :

BNA_G

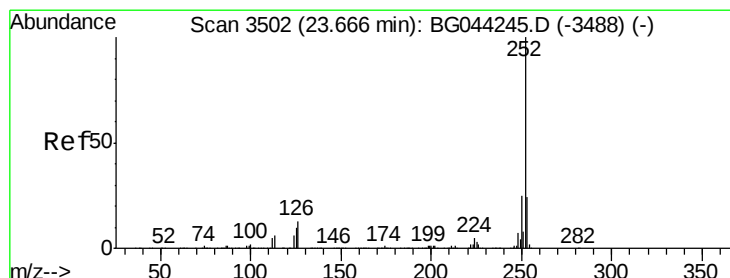
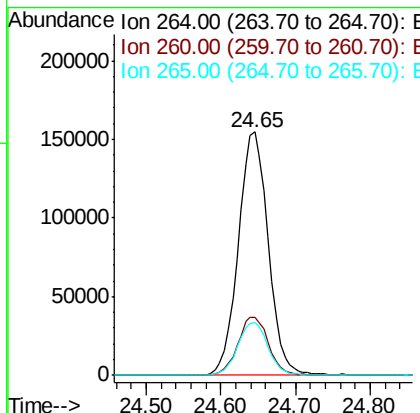
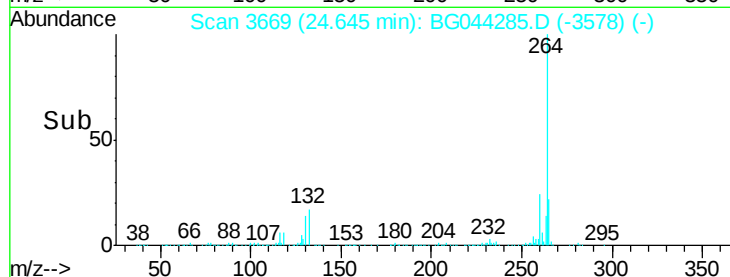
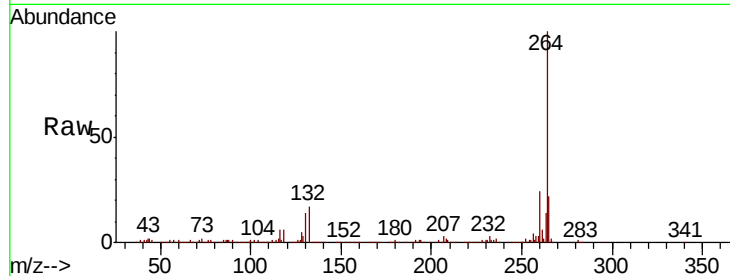
ClientSampleId :

PB126573BS

Tot Ion:	264	Resp:	431353
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	21.7	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 53.599 ng

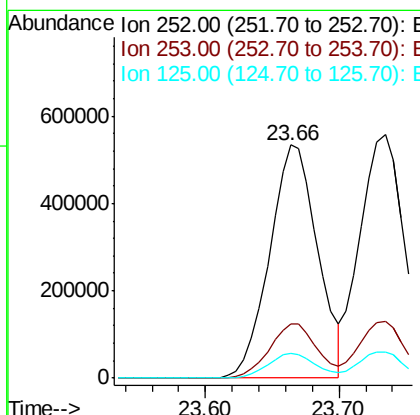
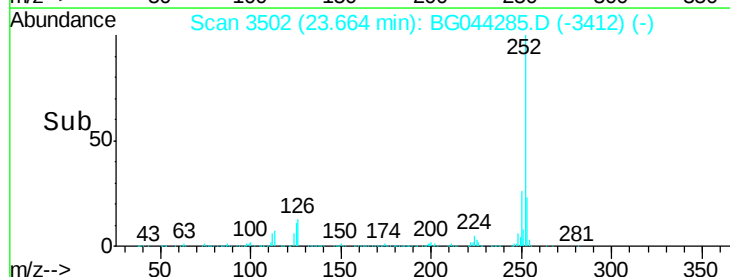
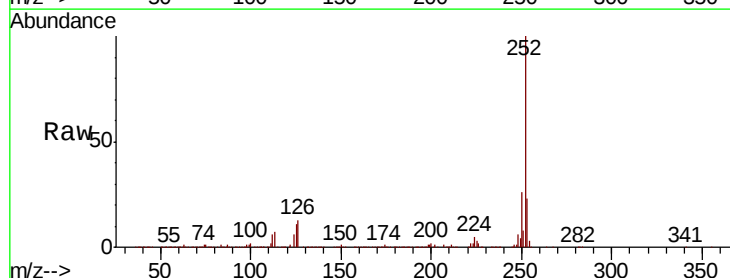
RT: 23.66 min Scan# 3502

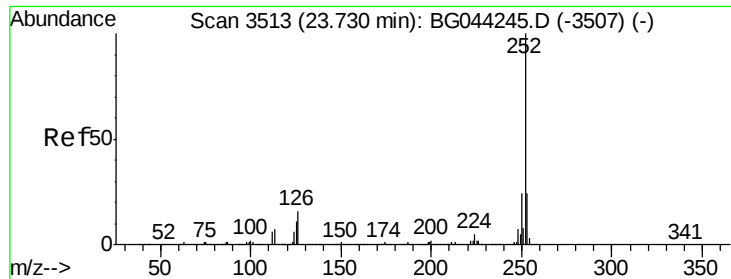
Delta R.T. -0.00 min

Lab File: BG044285.D

Acq: 4 Feb 2020 17:56

Tgt Ion:	252	Resp:	1332258
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.2	28.8
125	10.7	8.4	12.6





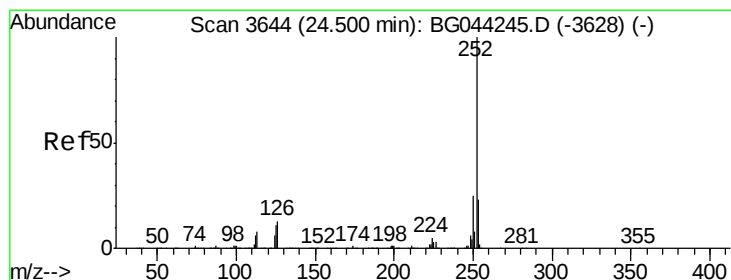
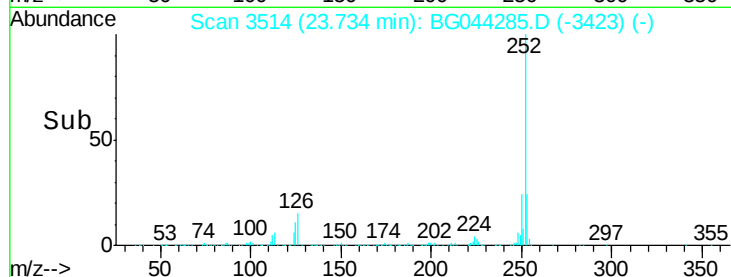
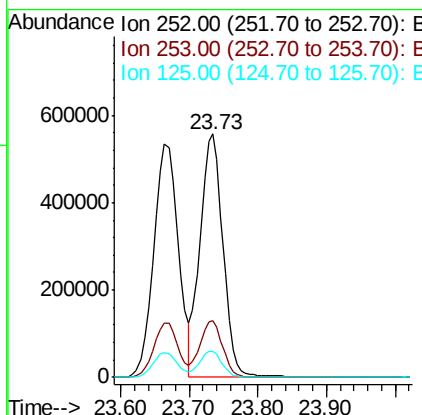
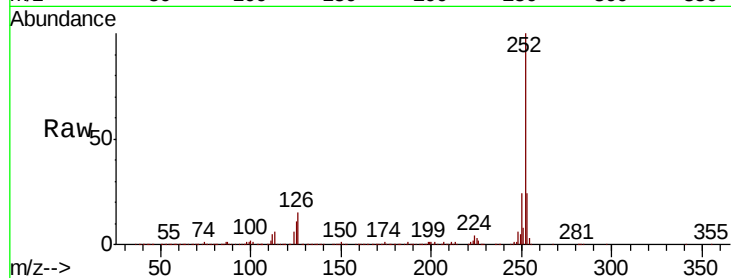
#89
Benzo(k)fluoranthene
Concen: 53.606 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	10.7	8.6	12.8

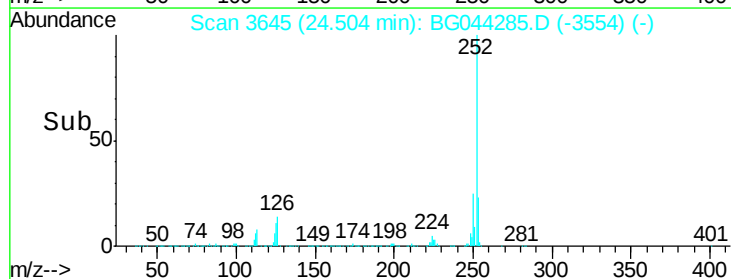
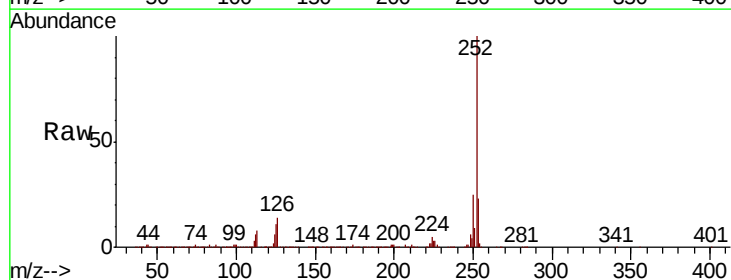
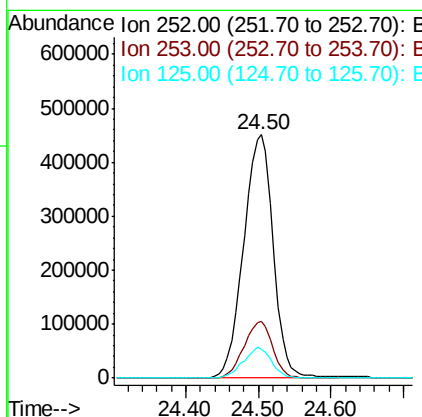
Manual Integrations
APPROVED

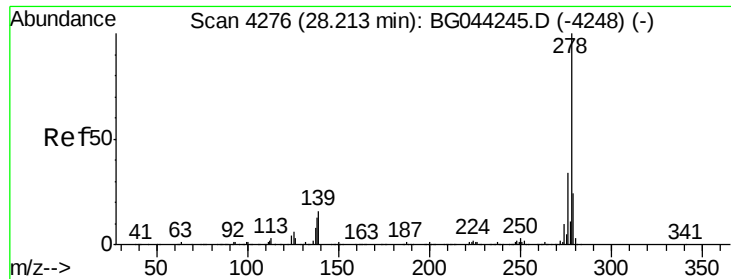
mohammad
2/6/2020 2:17:54 PM



#90
Benzo(a)pyrene
Concen: 54.225 ng
RT: 24.50 min Scan# 3645
Delta R.T. 0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.5	8.6	13.0





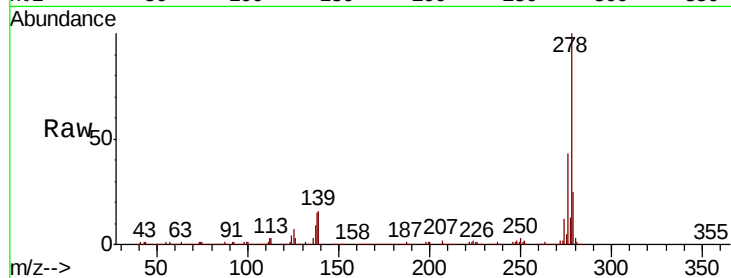
#91
Dibenzo(a,h)anthracene
Concen: 54.045 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Instrument :
BNA_G
ClientSampleId :
PB126573BS

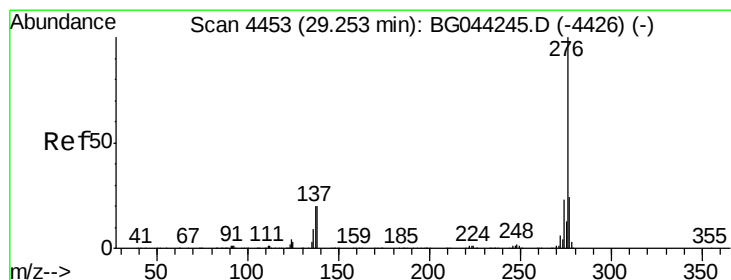
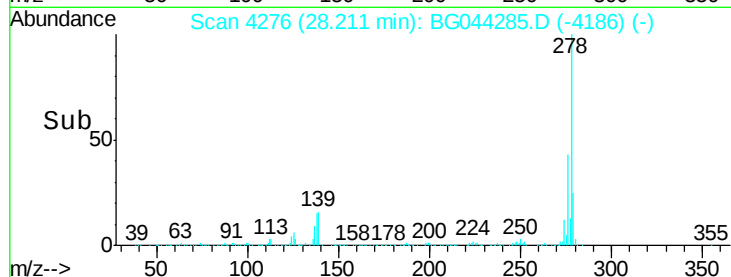
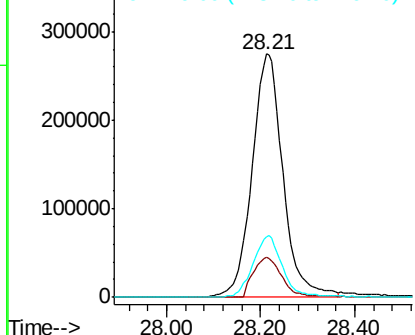
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	25.0	19.3	28.9

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



#92
Benzo(g,h,i)perylene
Concen: 55.462 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.00 min
Lab File: BG044285.D
Acq: 4 Feb 2020 17:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	21.6	16.2	24.2

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

