

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046503.D
 Acq On : 2 Sep 2020 14:38
 Operator : CG/JU
 Sample : PB131362BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Manual Integrations
 APPROVED

mohammad
 9/3/2020 1:47:39 PM

Quant Time: Sep 02 15:21:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79646	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	310650	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	209258	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	488107	20.00	ng	0.00
76) Chrysene-d12	21.56	240	502998	20.00	ng	0.00
86) Perylene-d12	24.66	264	517250	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	473462	105.29	ng	0.00
7) Phenol-d6	7.11	99	598779	93.93	ng	0.00
23) Nitrobenzene-d5	9.09	82	387486	71.29	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	267183	94.23	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	983304	71.73	ng	0.00
79) Terphenyl-d14	19.92	244	1559808	66.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	97414	52.071	ng	98
3) Pyridine	3.81	79	133902	24.463	ng	98
4) n-Nitrosodimethylamine	3.72	42	79612	39.435	ng	# 98
6) Aniline	7.25	93	255355	35.598	ng	99
8) 2-Chlorophenol	7.50	128	200832	42.257	ng	99
9) Benzaldehyde	7.07	77	131390	36.789	ng	97
10) Phenol	7.13	94	241633	41.155	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	182116	38.589	ng	99
12) 1,3-Dichlorobenzene	7.82	146	221990	36.790	ng	99
13) 1,4-Dichlorobenzene	7.97	146	226189	37.443	ng	100
14) 1,2-Dichlorobenzene	8.28	146	219440	37.885	ng	99
15) Benzyl Alcohol	8.17	79	169466	41.408	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	278271	38.013	ng	100
17) 2-Methylphenol	8.38	107	173254	41.608	ng	98
18) Hexachloroethane	9.01	117	76280	37.242	ng	91
19) n-Nitroso-di-n-propylamine	8.73	70	144653	37.936	ng	97
20) 3+4-Methylphenols	8.71	107	233715	40.665	ng	99
22) Acetophenone	8.75	105	284850	37.669	ng	100
24) Nitrobenzene	9.13	77	209387	38.994	ng	99
25) Isophorone	9.65	82	399483	40.090	ng	98
26) 2-Nitrophenol	9.84	139	114378	40.372	ng	98
27) 2,4-Dimethylphenol	9.90	122	186079	47.754	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	245025	38.203	ng	99
29) 2,4-Dichlorophenol	10.38	162	213215	41.046	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	229501	37.237	ng	99
31) Naphthalene	10.78	128	587252	38.717	ng	99
32) Benzoic acid	10.05	122	73381	29.992	ng	98
33) 4-Chloroaniline	10.89	127	196178	29.331	ng	98
34) Hexachlorobutadiene	11.07	225	144335	36.075	ng	99
35) Caprolactam	11.65	113	70296m	36.203	ng	
36) 4-Chloro-3-methylphenol	12.01	107	208146	40.969	ng	94
37) 2-Methylnaphthalene	12.38	142	462953	38.700	ng	99
38) 1-Methylnaphthalene	12.61	142	440110	38.840	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	273100	39.576	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	330850	110.264	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	186152	39.975	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	203254	41.543	ng	98
46) 1,1'-Biphenyl	13.39	154	602360	41.374	ng	99
47) 2-Chloronaphthalene	13.44	162	463252	37.528	ng	99
48) 2-Nitroaniline	13.64	65	132264	38.587	ng	97
49) Acenaphthylene	14.28	152	753770	40.255	ng	99
50) Dimethylphthalate	14.02	163	616679	38.092	ng	100
51) 2,6-Dinitrotoluene	14.13	165	142215	39.851	ng	96
52) Acenaphthene	14.63	154	446172	38.452	ng	98
53) 3-Nitroaniline	14.46	138	113947	29.477	ng	97
54) 2,4-Dinitrophenol	14.68	184	174521	83.781	ng	98
55) Dibenzofuran	14.96	168	731560	39.285	ng	99
56) 4-Nitrophenol	14.79	139	229029	80.505	ng	100
57) 2,4-Dinitrotoluene	14.92	165	199212	39.149	ng	98
58) Fluorene	15.61	166	602843	38.572	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195338	41.114	ng	99
60) Diethylphthalate	15.38	149	603441	38.230	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	328305	38.141	ng	97
62) 4-Nitroaniline	15.63	138	144653	35.465	ng	98
63) Azobenzene	15.90	77	509476	39.680	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	129093	46.727	ng	95
66) n-Nitrosodiphenylamine	15.81	169	551803	41.904	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	232425	40.815	ng	98
68) Hexachlorobenzene	16.62	284	243484	38.607	ng	99
69) Atrazine	16.77	200	205870	38.323	ng	99
70) Pentachlorophenol	16.96	266	285932	86.774	ng	99
71) Phenanthrene	17.35	178	989553	39.997	ng	99
72) Anthracene	17.44	178	1014710	41.570	ng	99
73) Carbazole	17.71	167	932459	40.459	ng	100
74) Di-n-butylphthalate	18.27	149	1057071	39.887	ng	100
75) Fluoranthene	19.36	202	1262214	39.644	ng	100
77) Benzidine	19.53	184	694681	59.435	ng	98
78) Pyrene	19.72	202	1270824	39.676	ng	99
80) Butylbenzylphthalate	20.61	149	497410	39.813	ng	99
81) Benzo(a)anthracene	21.54	228	1233418	39.341	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	401125	34.476	ng	99
83) Chrysene	21.60	228	1189850	39.454	ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	691388	40.551	ng	99
85) Di-n-octyl phthalate	22.62	149	1224808	41.954	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1516234	40.814	ng	100
88) Benzo(b)fluoranthene	23.68	252	1316401	40.758	ng	99
89) Benzo(k)fluoranthene	23.74	252	1251906	40.107	ng	98
90) Benzo(a)pyrene	24.51	252	1205145	39.984	ng	100
91) Dibenzo(a,h)anthracene	28.23	278	1245860	41.558	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1275234	42.598	ng	98

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

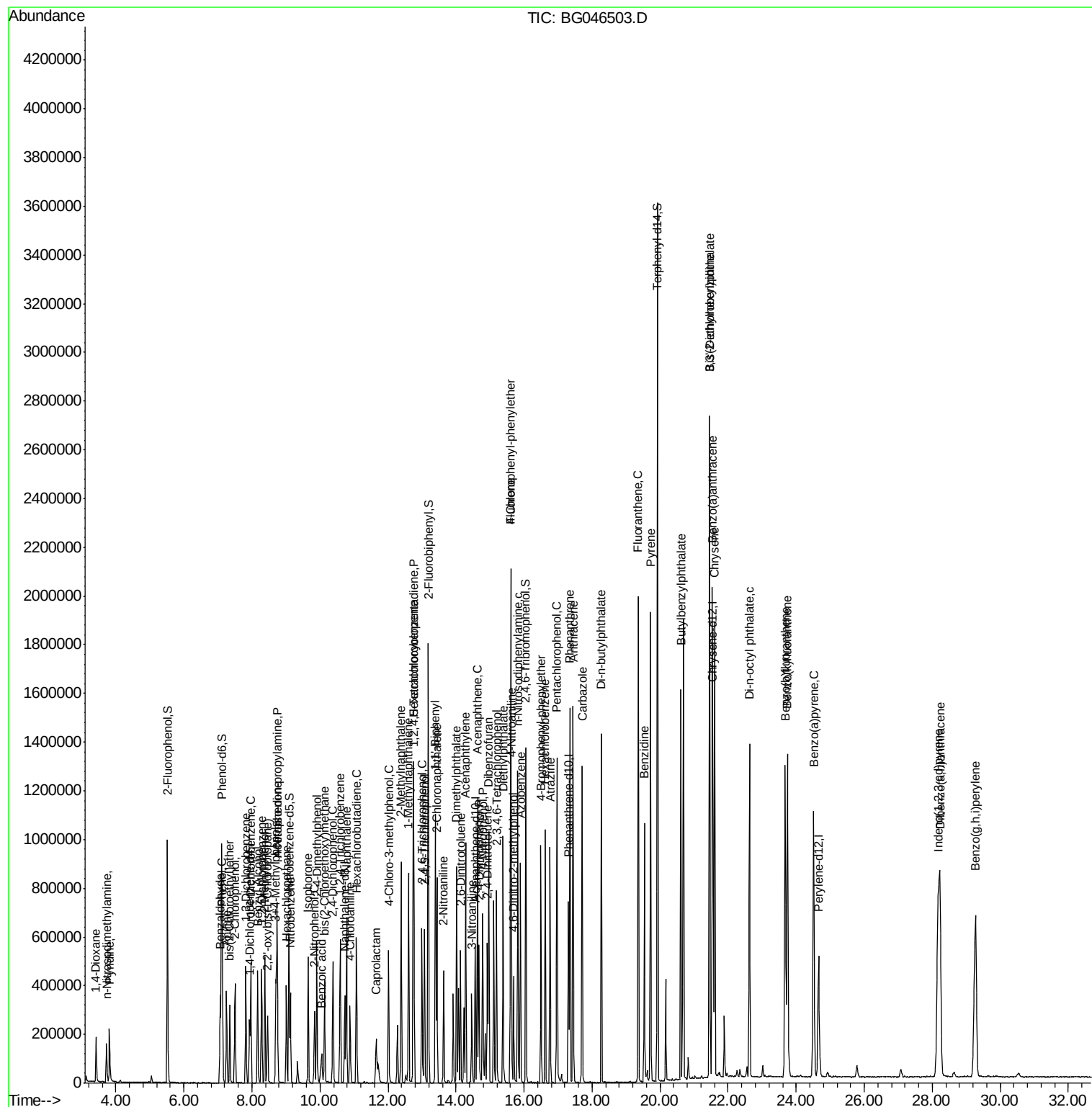
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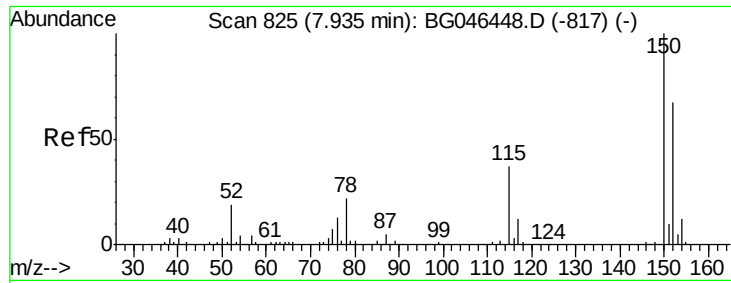
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#1

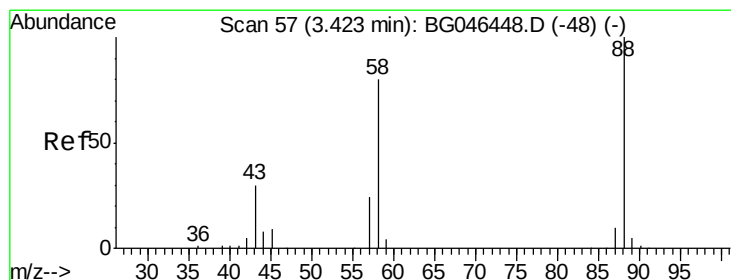
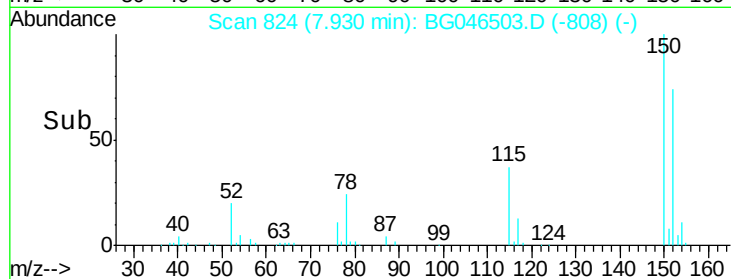
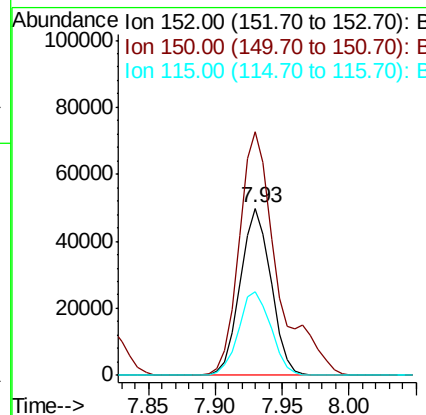
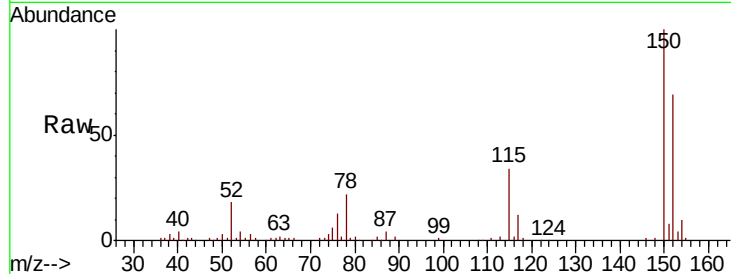
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampled :
PB131362BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	50.1	44.3	66.5

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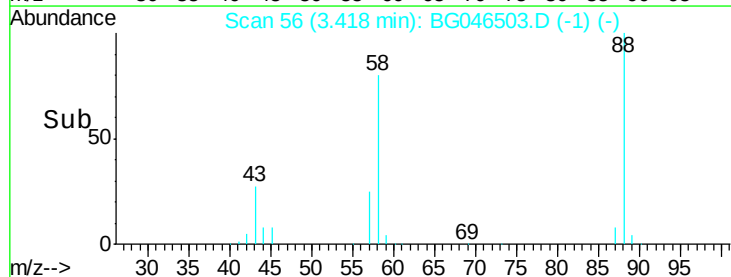
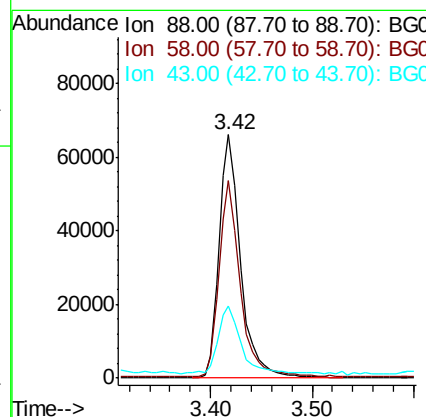
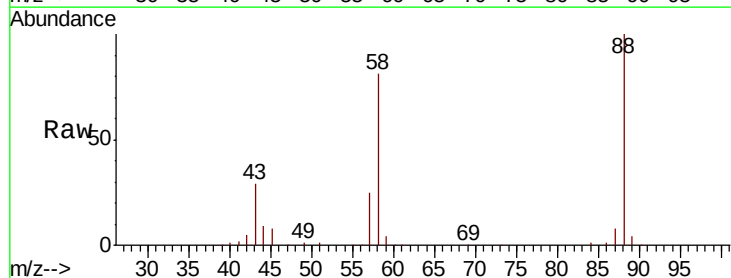
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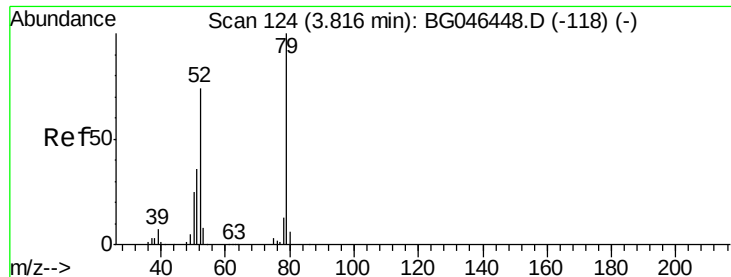


#2

1,4-Dioxane
Concen: 52.071 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	61.4	92.2
43	29.2	21.6	32.4





#3

Pvridine

Concen: 24.463 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

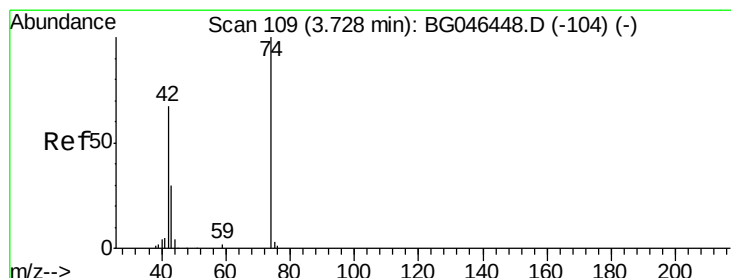
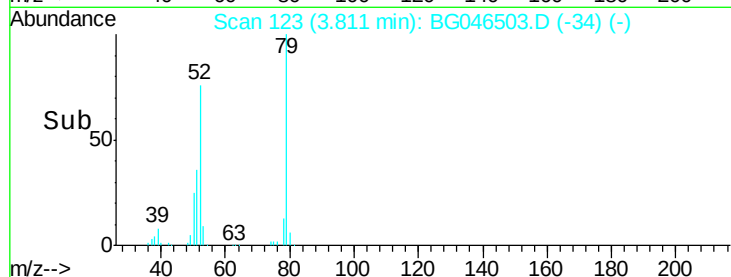
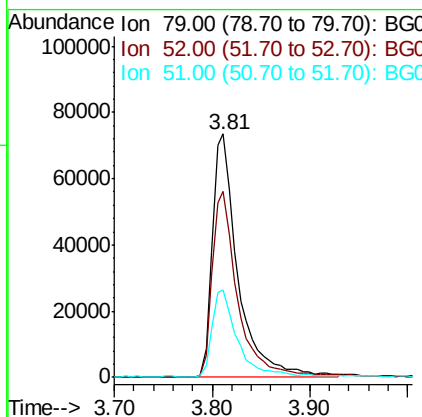
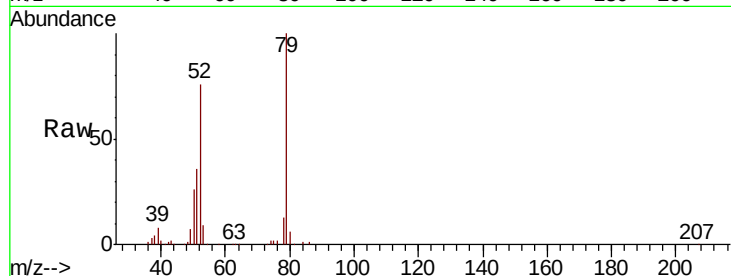
ClientSampleId :

PB131362BS

Tot Ion:	79	Resp:	133902
Ion	Ratio	Lower	Upper
79	100		
52	76.2	59.1	88.7
51	36.0	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 39.435 ng

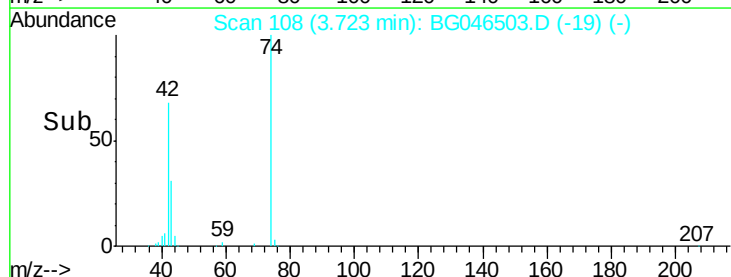
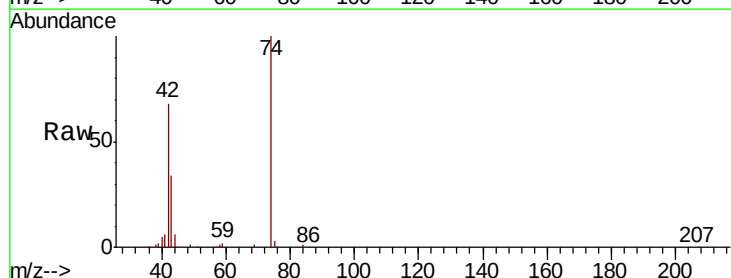
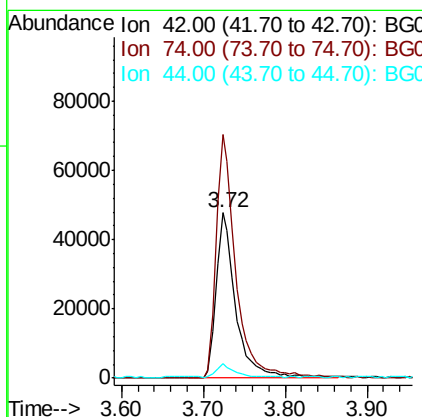
RT: 3.72 min Scan# 108

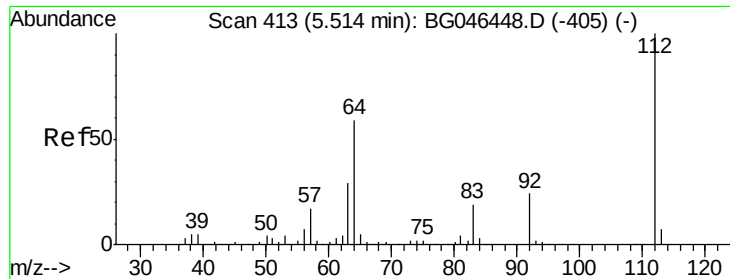
Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	42	Resp:	79612
Ion	Ratio	Lower	Upper
42	100		
74	147.3	119.5	179.3
44	8.6	5.7	8.5#





#5

2-Fluorophenol

Concen: 105.290 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

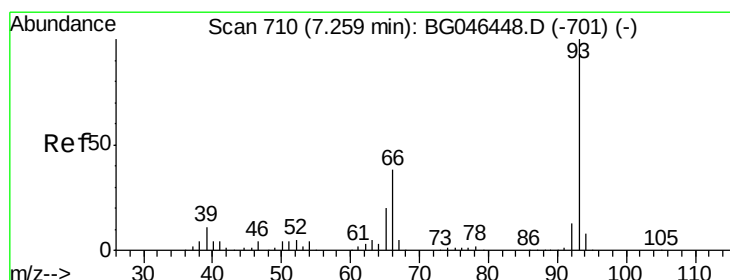
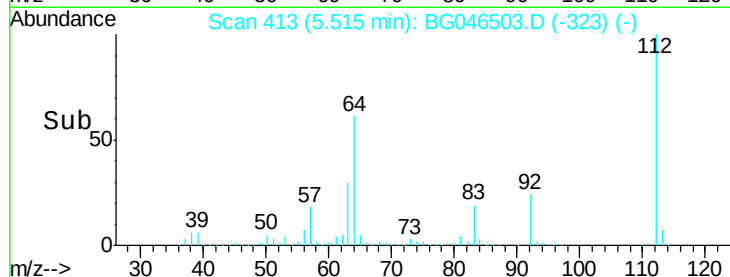
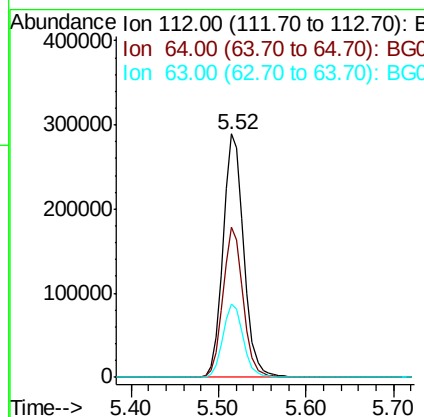
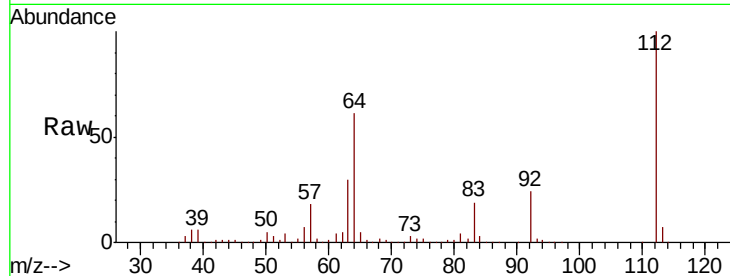
ClientSampleId :

PB131362BS

Tot Ion:	112	Resp:	473462
Ion Ratio	Lower	Upper	
112	100		
64	61.5	47.0	70.6
63	30.2	23.5	35.3

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#6

Aniline

Concen: 35.598 ng

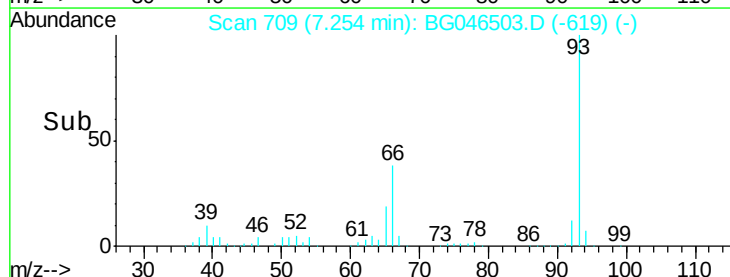
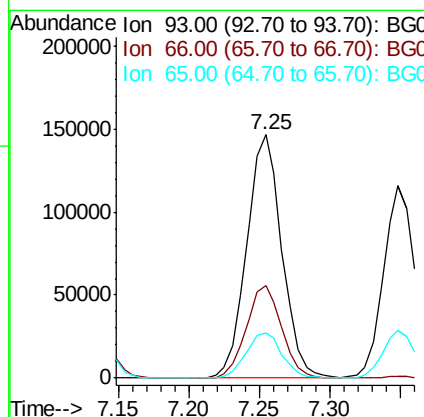
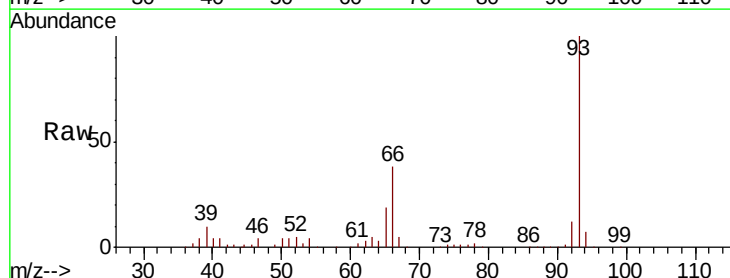
RT: 7.25 min Scan# 709

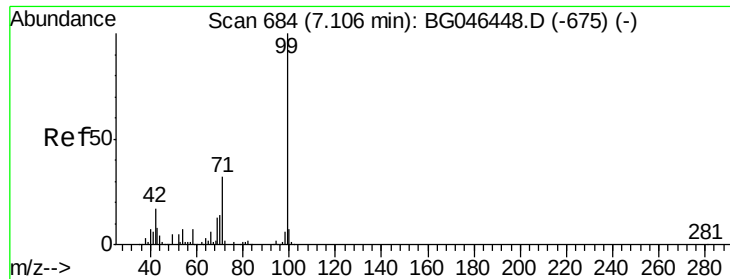
Delta R.T. 0.00 min

Lab File: BG046503.D

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Tgt Ion:	93	Resp:	255355
Ion Ratio	Lower	Upper	
93	100		
66	37.8	30.4	45.6
65	18.7	15.8	23.6





#7

Phenol-d6

Concen: 93.932 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

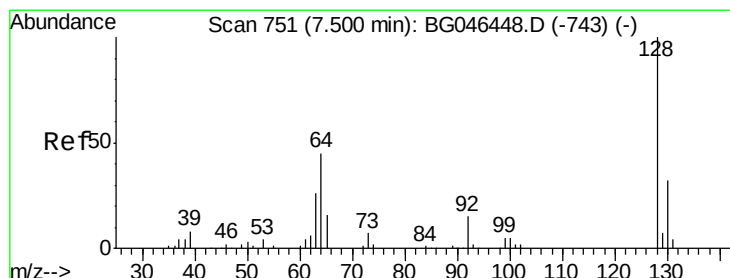
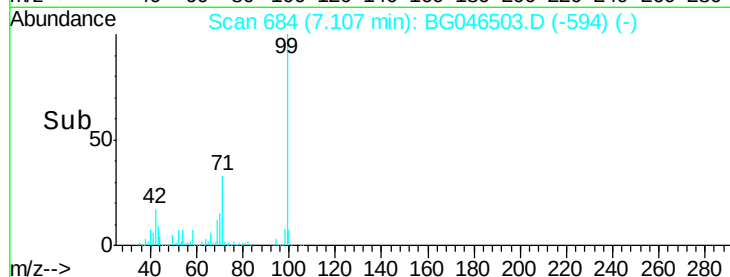
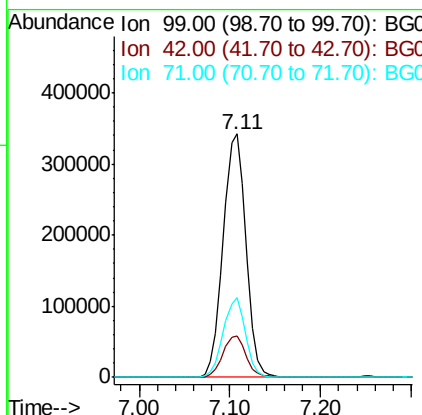
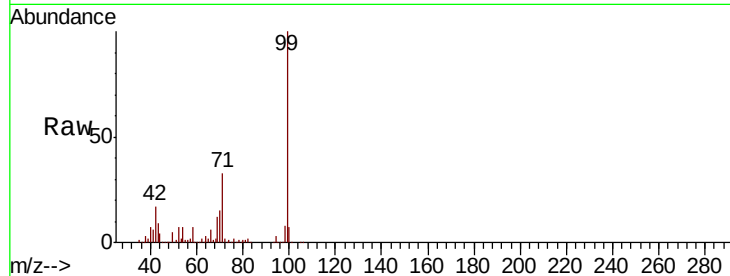
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		598779		
42	17.1	13.3	19.9		
71	32.8	25.3	37.9		

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#8

2-Chlorophenol

Concen: 42.257 ng

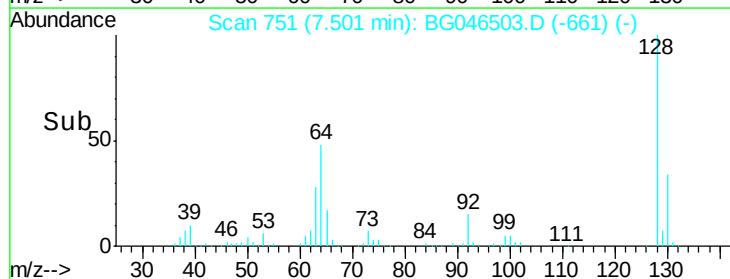
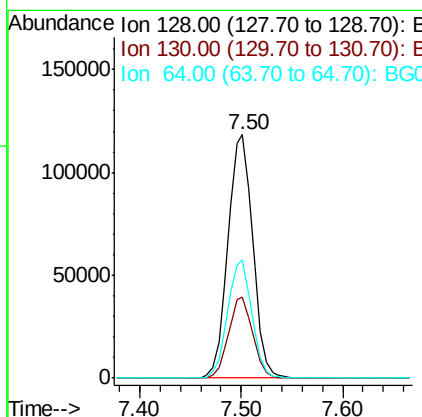
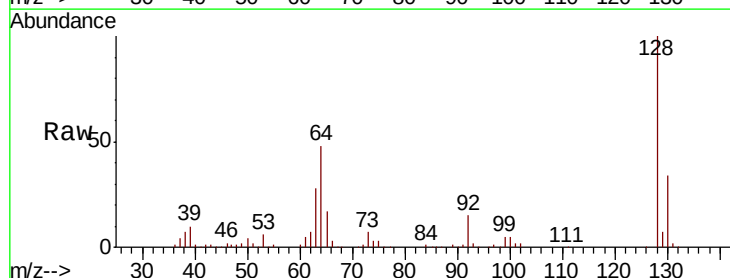
RT: 7.50 min Scan# 751

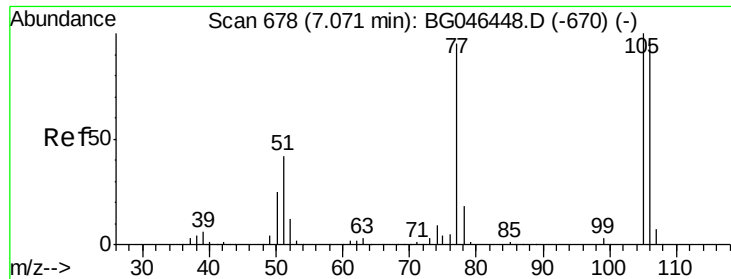
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		200832		
130	33.6	12.4	52.4		
64	48.4	28.1	68.1		





#9

Benzaldehyde

Concen: 36.789 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

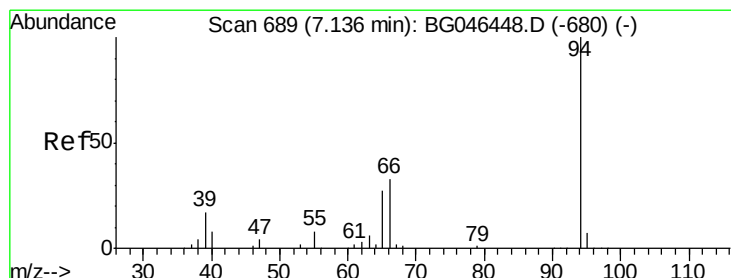
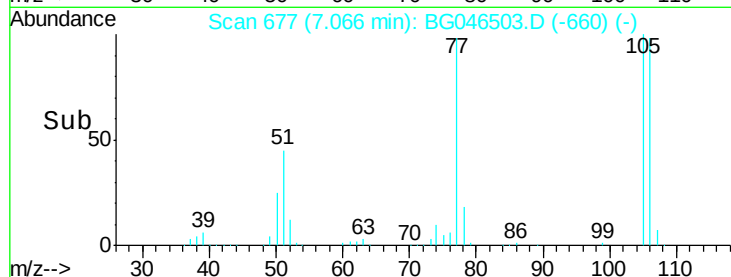
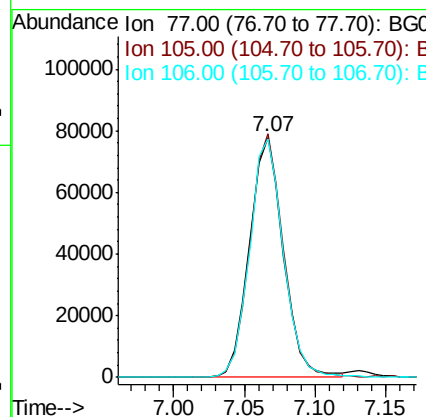
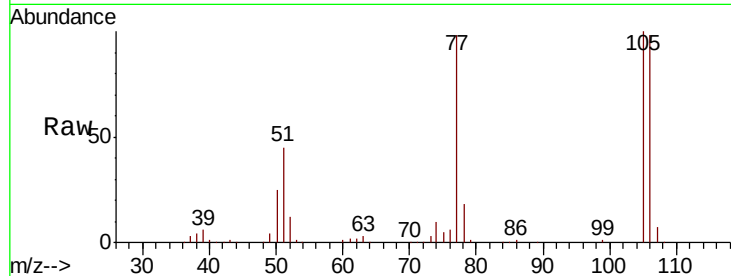
ClientSampled :

PB131362BS

Tot Ion:	77	Resp:	131390
Ion	Ratio	Lower	Upper
77	100		
105	101.5	85.6	125.6
106	99.2	80.8	120.8

Manual Integrations
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#10

Phenol

Concen: 41.155 ng

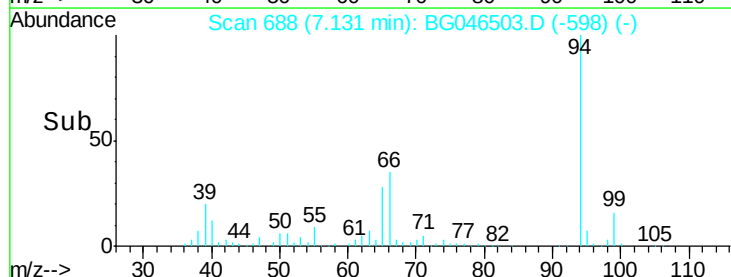
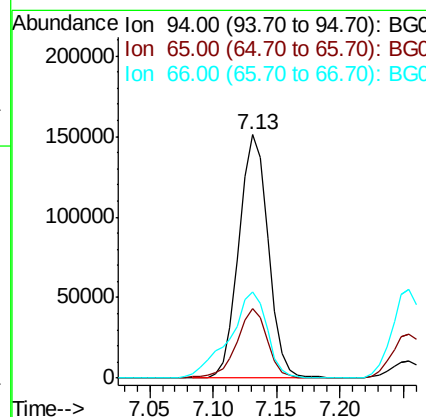
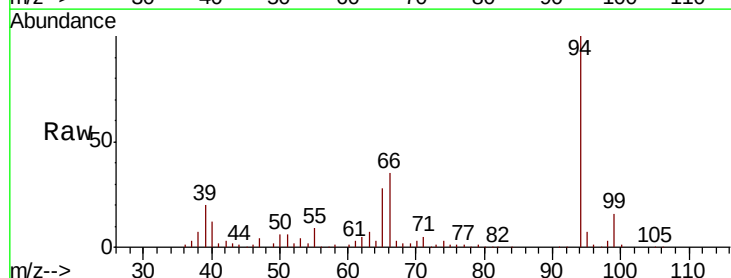
RT: 7.13 min Scan# 688

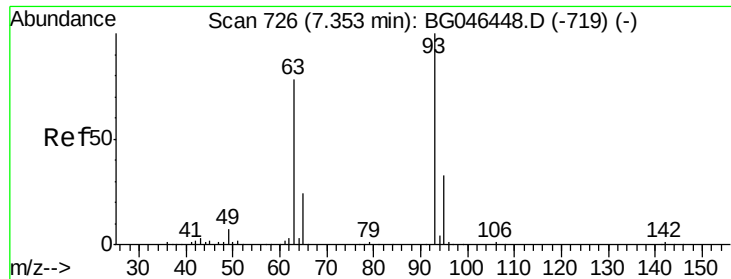
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	94	Resp:	241633
Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.5	47.5
66	35.3	14.1	54.1





#11

bis(2-Chloroethyl)ether

Concen: 38.589 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

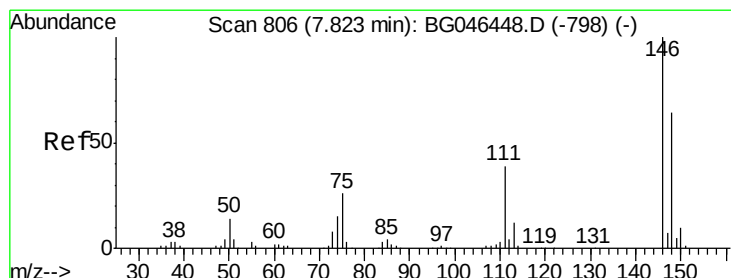
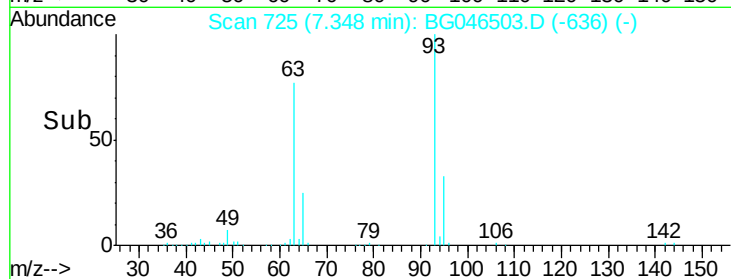
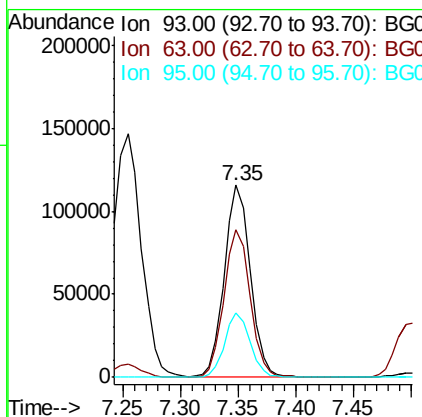
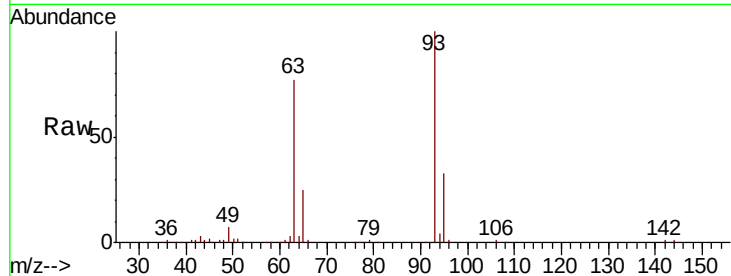
ClientSampleId :

PB131362BS

Tot Ion:	93	Resp:	182116
Ion	Ratio	Lower	Upper
93	100		
63	77.0	57.7	97.7
95	33.3	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 36.790 ng

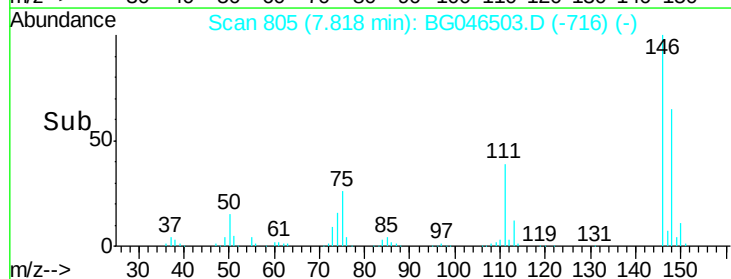
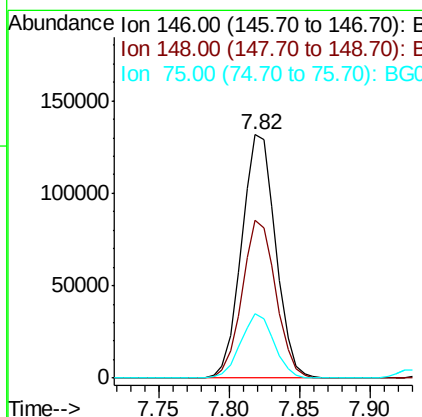
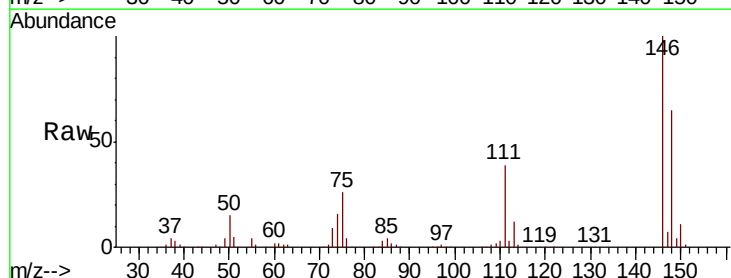
RT: 7.82 min Scan# 805

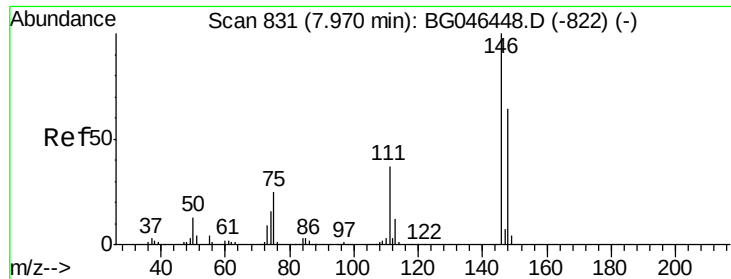
Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	146	Resp:	221990
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
75	26.3	20.7	31.1





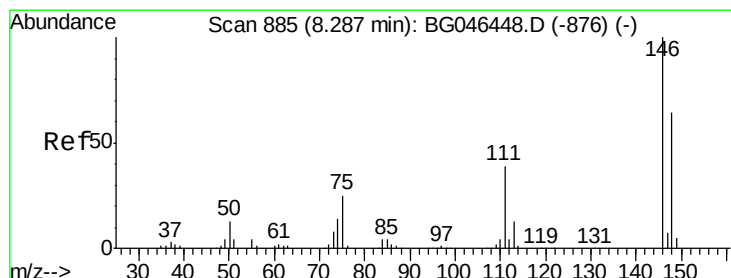
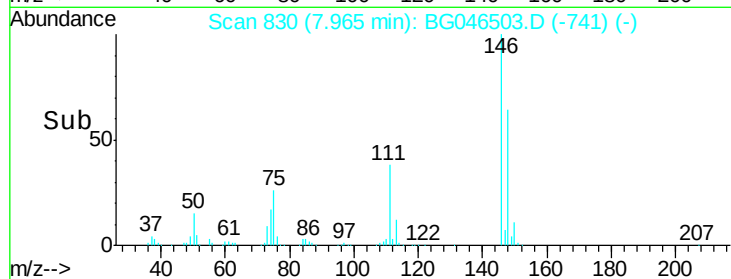
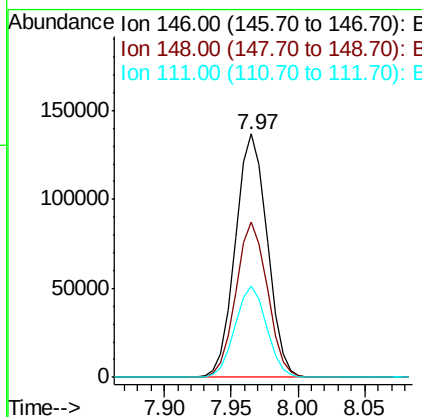
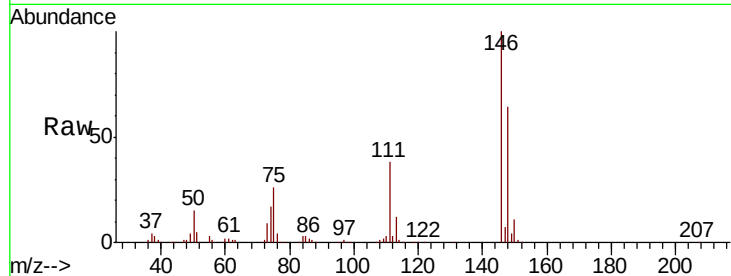
#13
 1,4-Dichlorobenzene
 Concen: 37.443 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
111	37.5	29.8	44.6

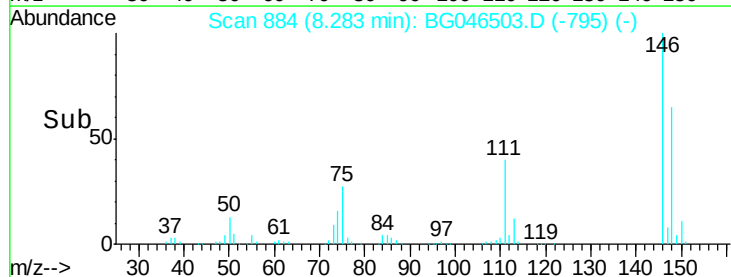
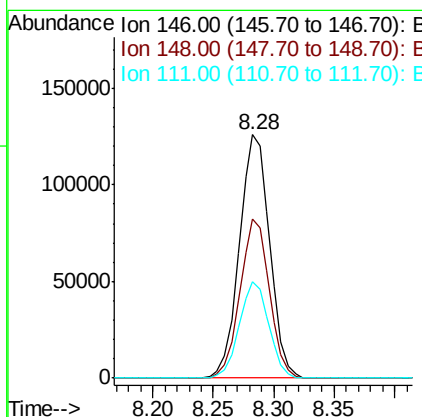
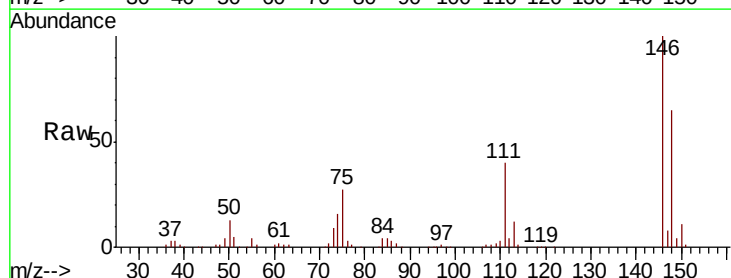
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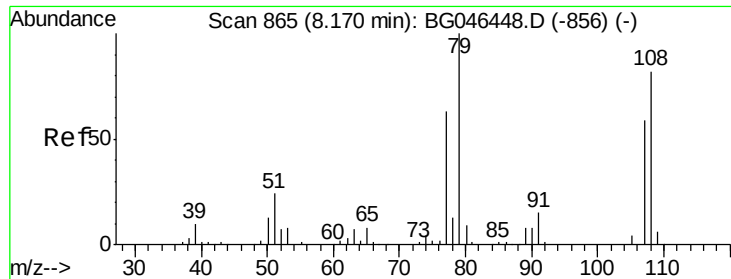
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#14
 1,2-Dichlorobenzene
 Concen: 37.885 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	39.7	31.4	47.2





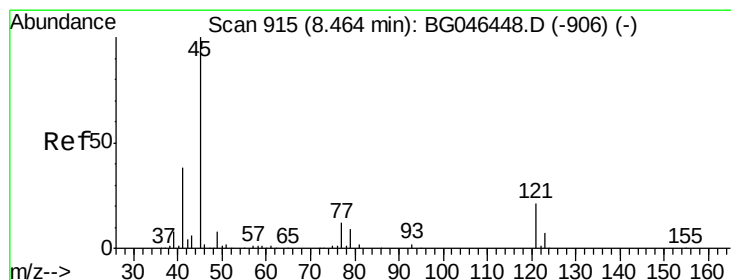
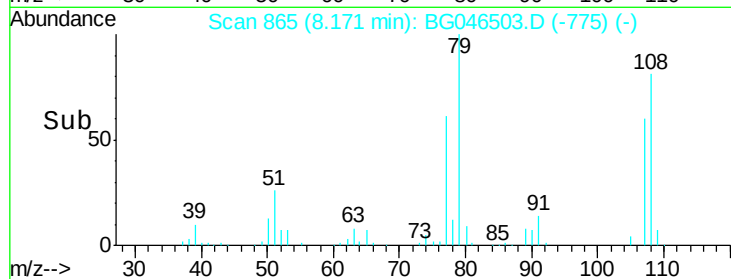
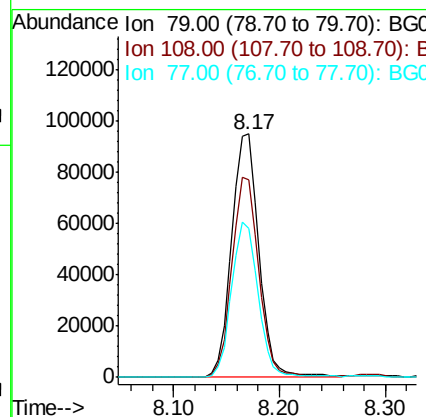
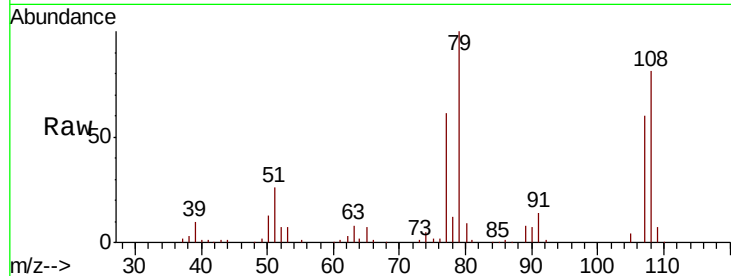
#15
Benzyl Alcohol
Concen: 41.408 ng
RT: 8.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	65.7	98.5
77	61.1	50.3	75.5

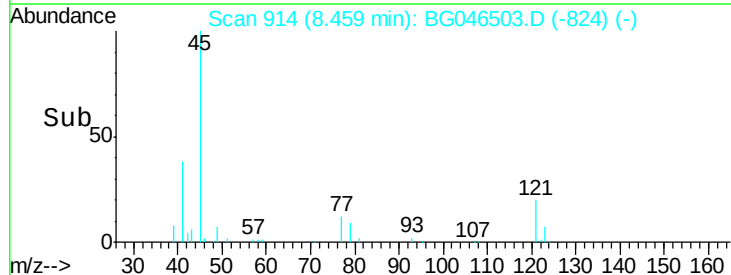
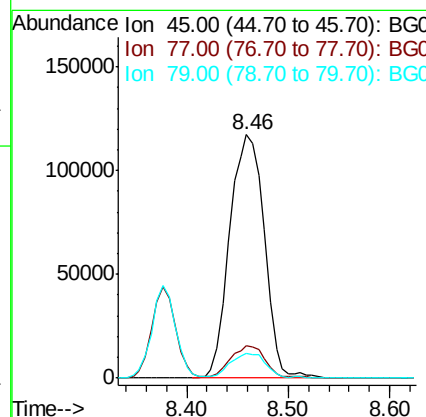
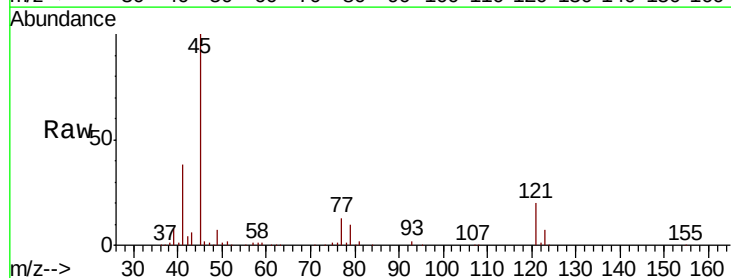
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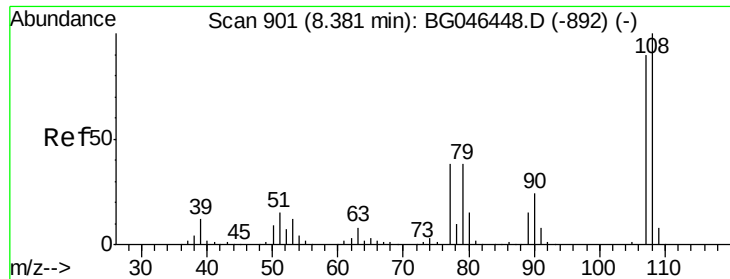
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.013 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.2
79	10.2	0.0	30.3





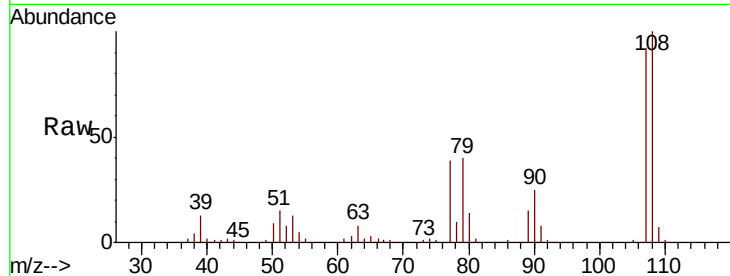
#17
2-Methylphenol
Concen: 41.608 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

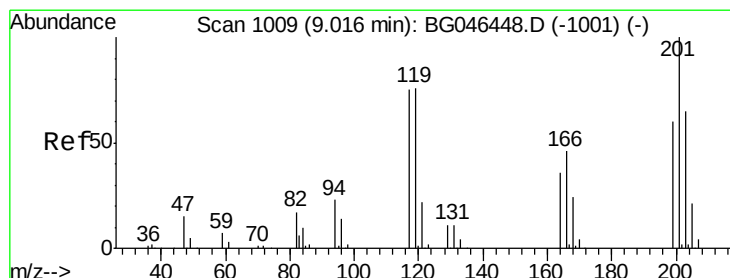
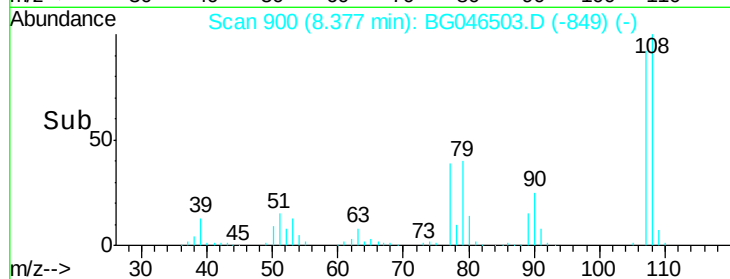
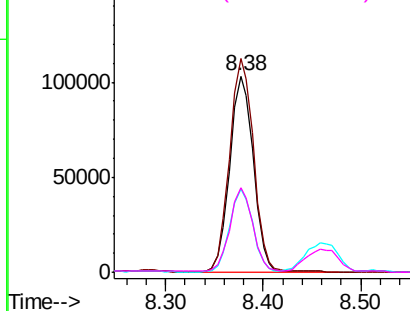
Tot Ion:	107	Resp:	173254
Ion Ratio	Lower	Upper	
107	100		
108	108.7	89.4	134.0
77	42.6	34.5	51.7
79	43.0	33.8	50.6

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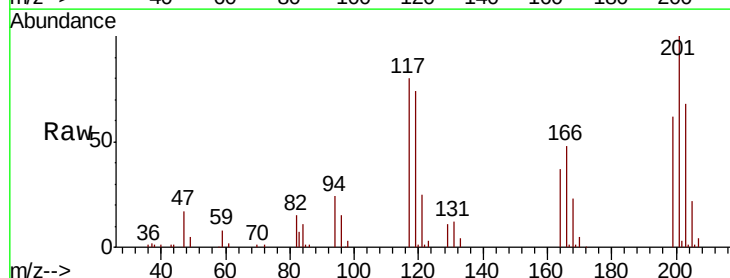


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

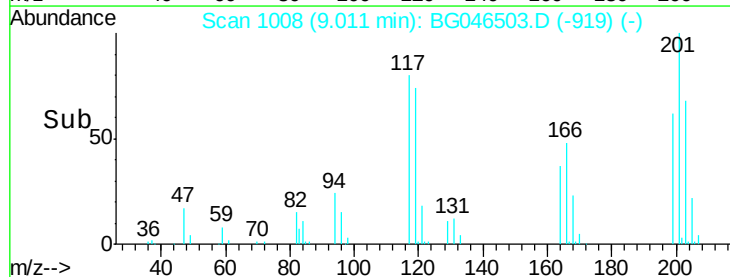
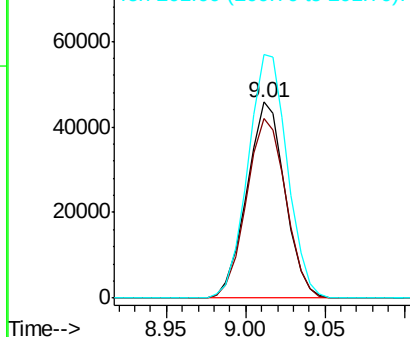


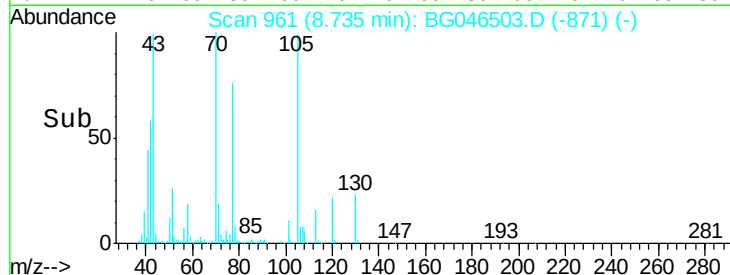
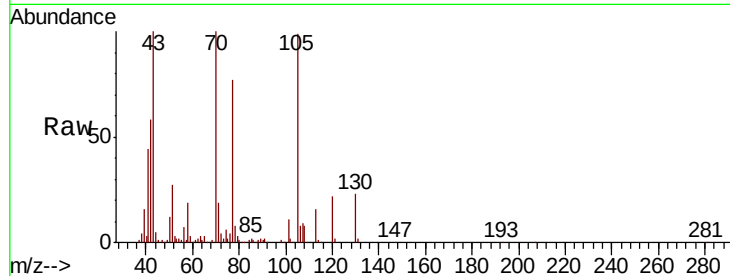
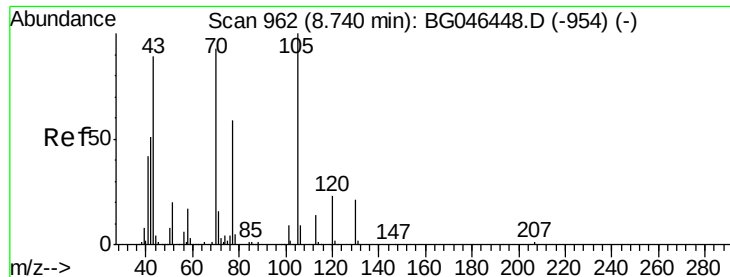
#18
Hexachloroethane
Concen: 37.242 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:	117	Resp:	76280
Ion Ratio	Lower	Upper	
117	100		
119	91.4	80.8	121.2
201	124.3	106.7	160.1



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





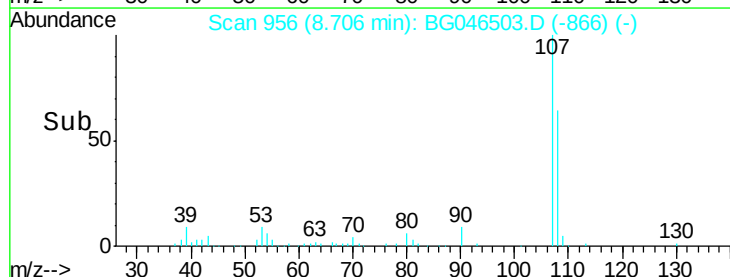
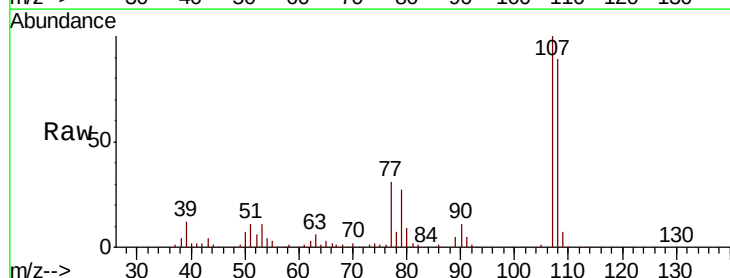
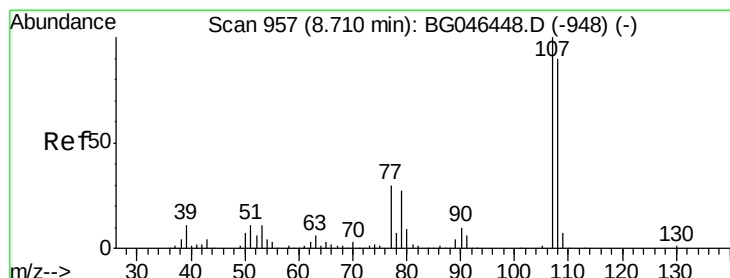
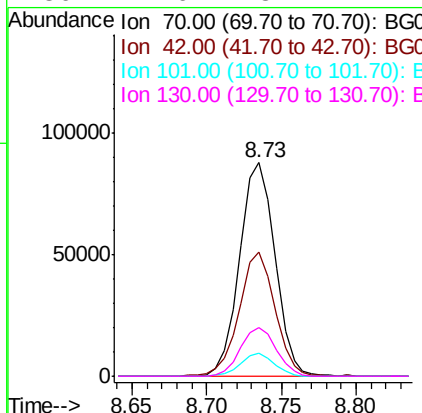
#19
n-Nitroso-di-n-propylamine
Concen: 37.936 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		144653		
42	58.3	44.2	66.2		
101	10.6	7.8	11.8		
130	22.6	18.2	27.4		

Instrument :
BNA_G
ClientSampled :
PB131362BS

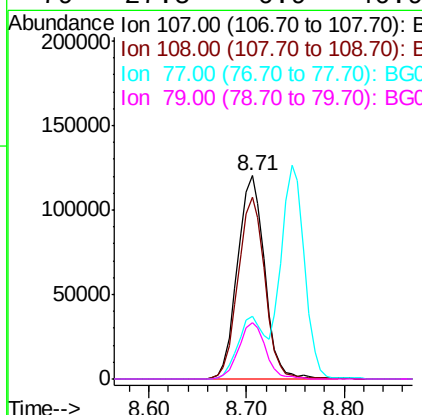
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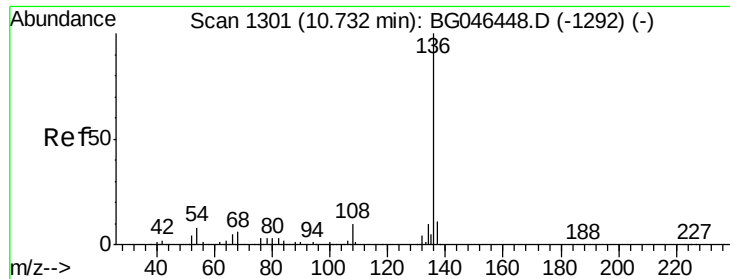
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#20
3+4-Methylphenols
Concen: 40.665 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		233715		
108	89.1	69.7	109.7		
77	31.1	9.7	49.7		
79	27.5	6.9	46.9		





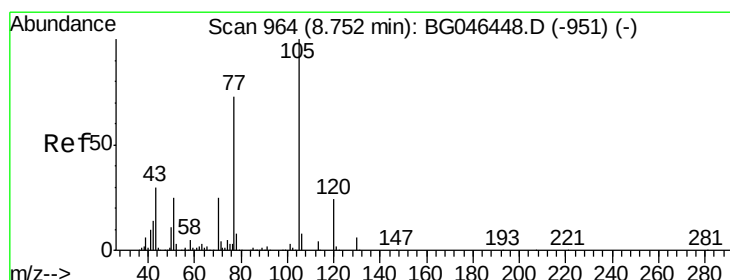
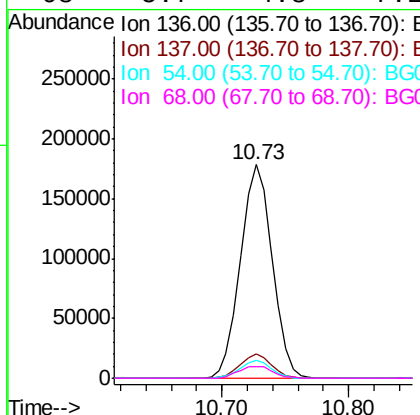
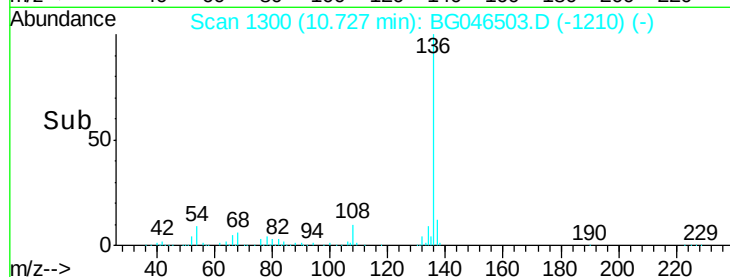
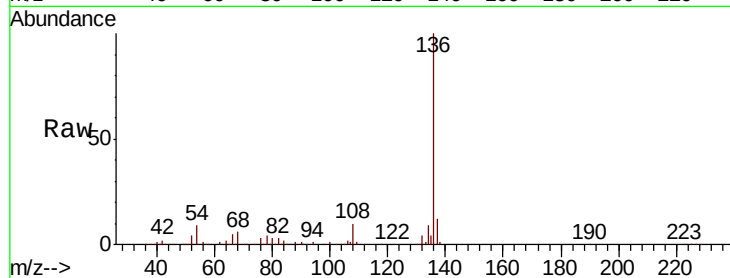
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	310650		
137	11.6		8.8	13.2
54	8.7		6.1	9.1
68	5.7		4.8	7.2

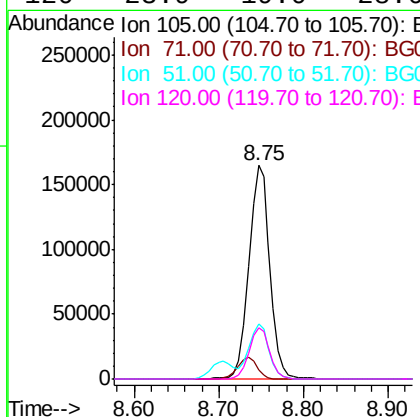
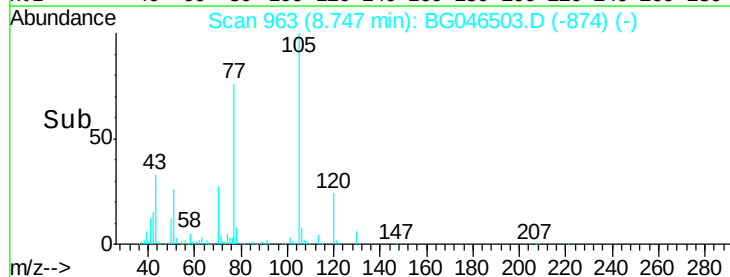
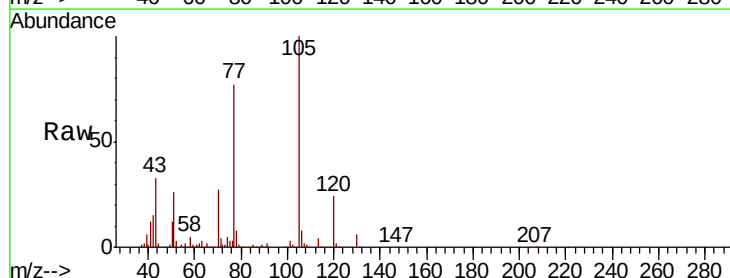
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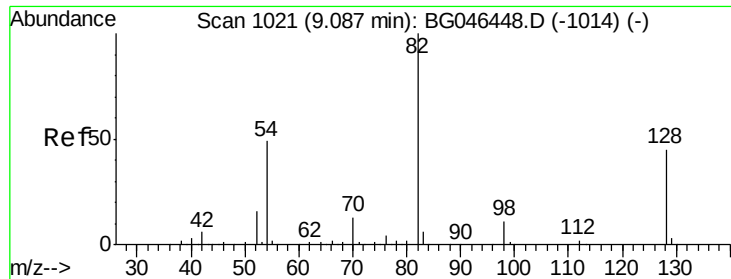
mohammad
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#22
Acetophenone
Concen: 37.669 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284850		
71	4.4		3.3	4.9
51	26.0		20.6	31.0
120	23.9		19.0	28.6





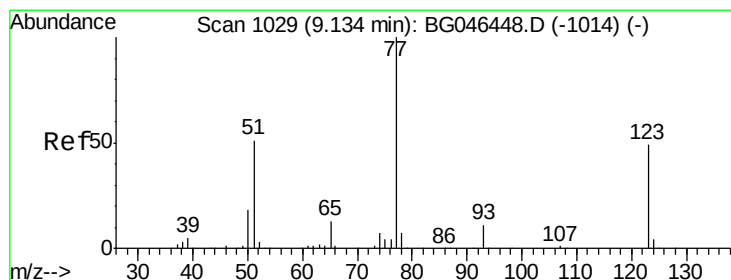
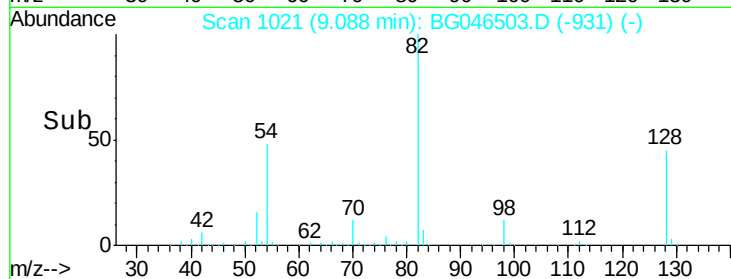
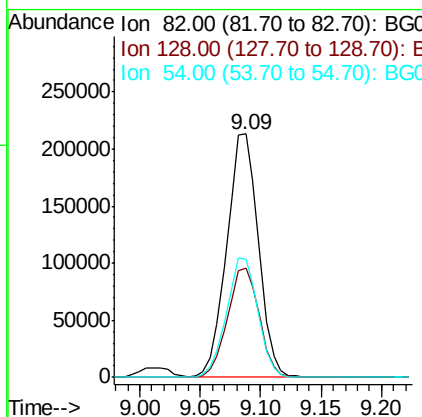
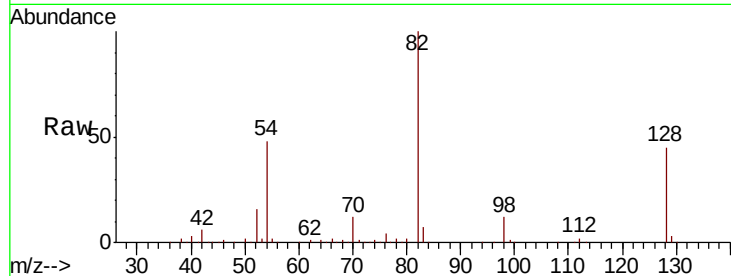
#23
 Nitrobenzene-d5
 Concen: 71.292 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampled :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	48.3	39.4	59.0

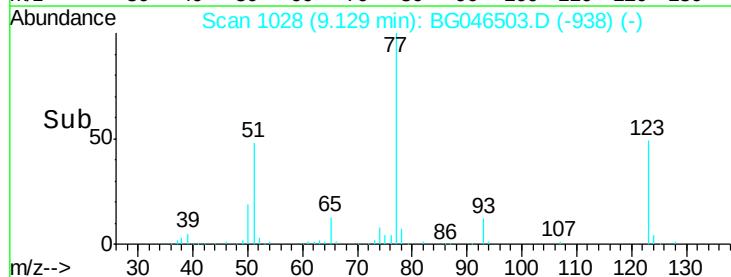
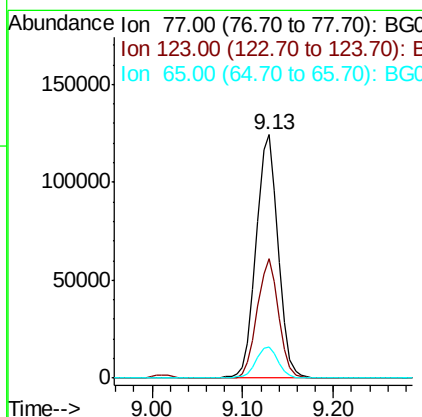
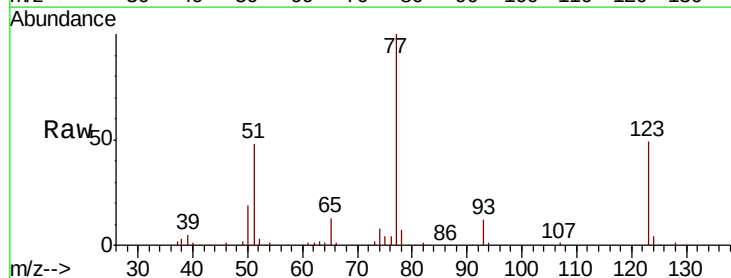
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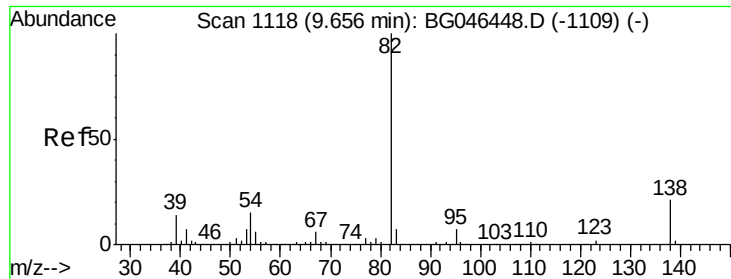
mohammad
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#24
 Nitrobenzene
 Concen: 38.994 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.6	59.4
65	12.6	10.1	15.1





#25

Isophorone

Concen: 40.090 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

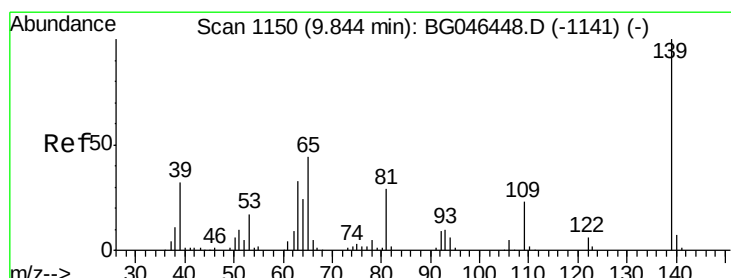
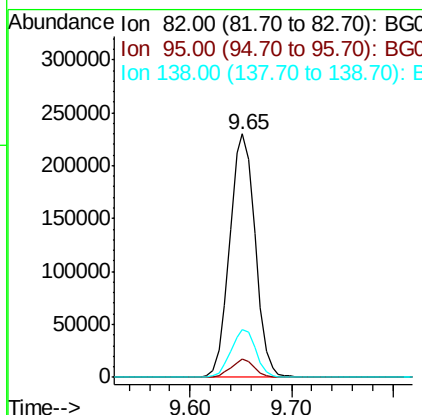
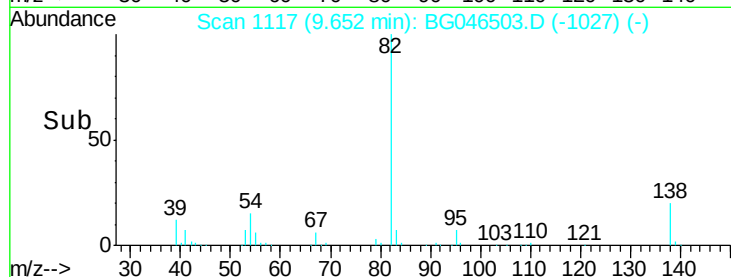
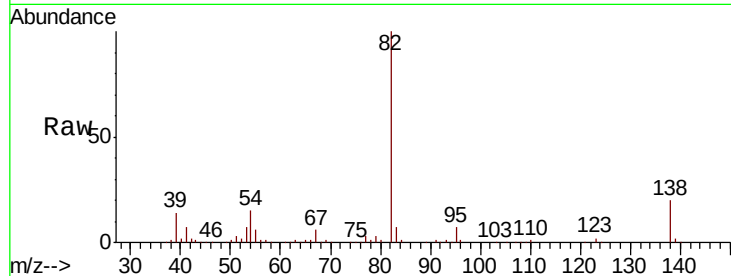
ClientSampleId :

PB131362BS

Tot Ion:	82	Resp:	399483
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	19.6	16.4	24.6

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#26

2-Nitrophenol

Concen: 40.372 ng

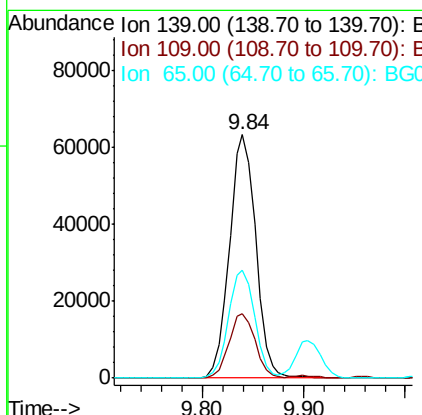
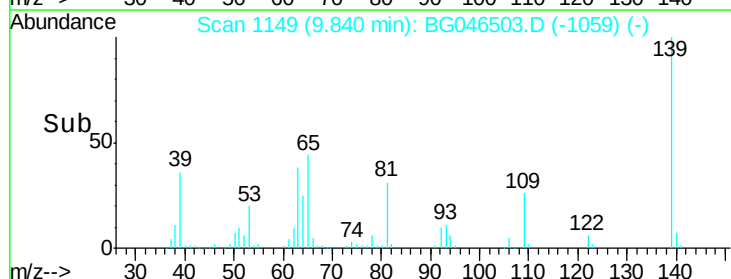
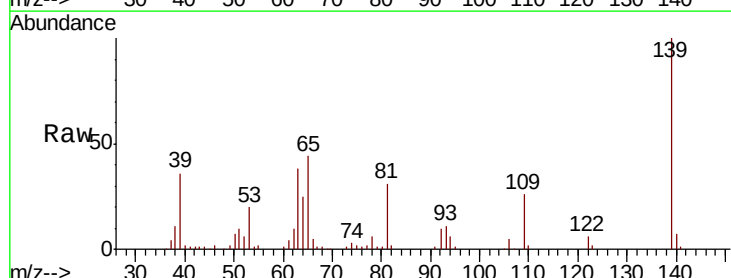
RT: 9.84 min Scan# 1149

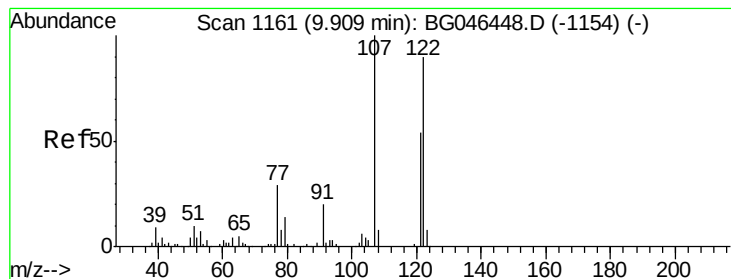
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	139	Resp:	114378
Ion Ratio	Lower	Upper	
139	100		
109	26.3	18.8	28.2
65	44.2	35.0	52.6





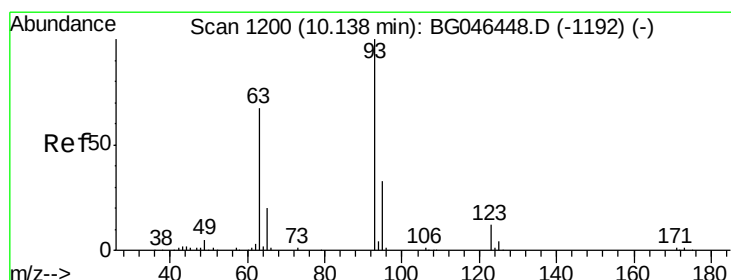
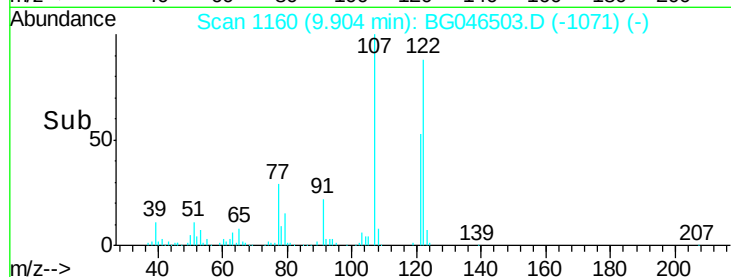
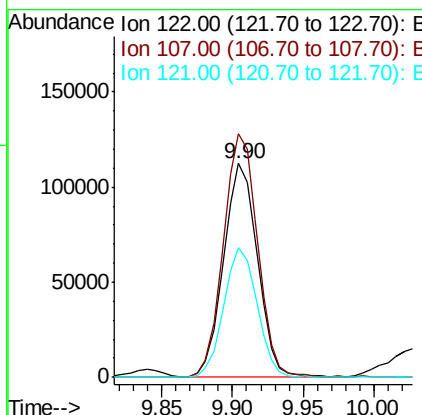
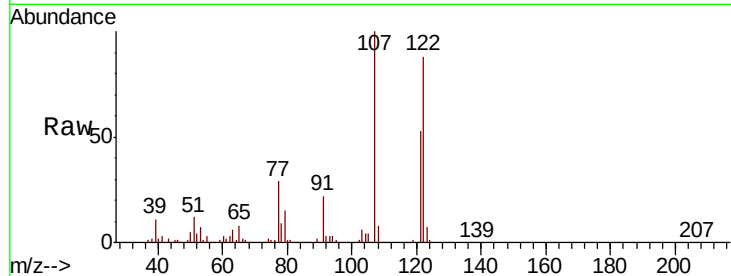
#27
 2,4-Dimethylphenol
 Concen: 47.754 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	186079		
107	113.8		88.2	132.2
121	60.7		47.4	71.0

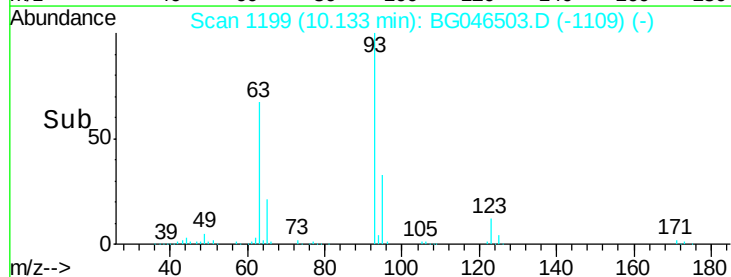
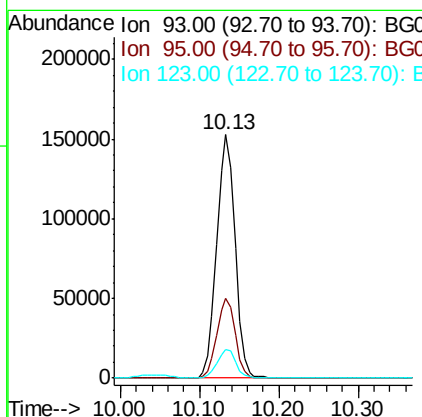
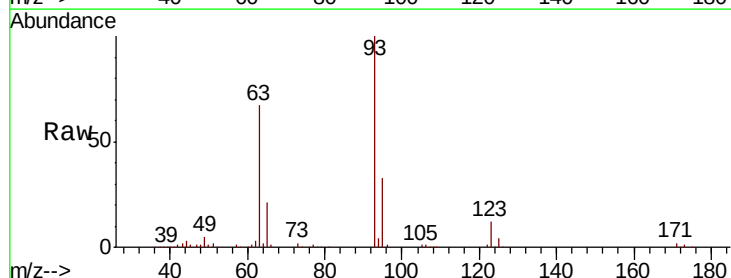
Manual Integrations
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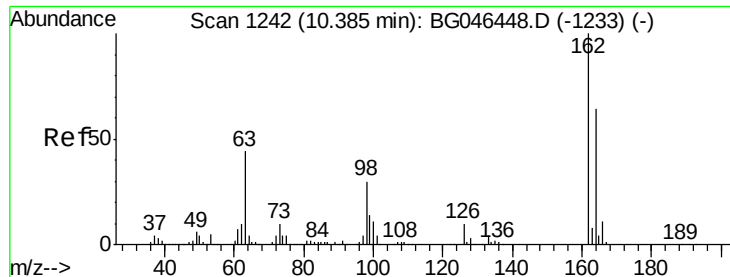
mohammad
 9/3/2020 1:47:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.203 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245025		
95	32.9		26.1	39.1
123	11.6		9.5	14.3





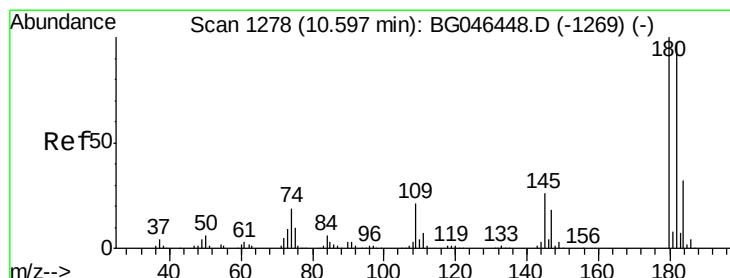
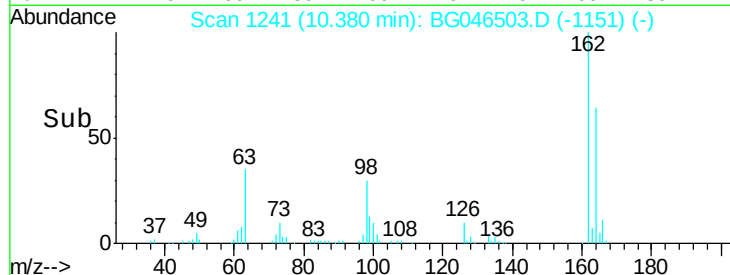
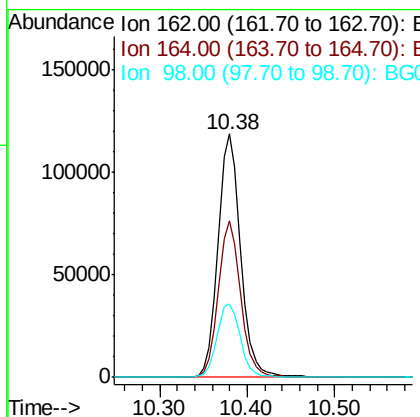
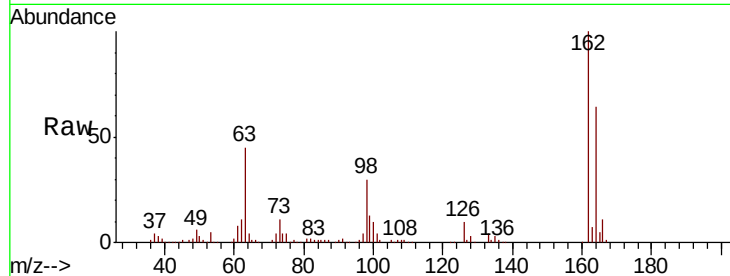
#29
2,4-Dichlorophenol
Concen: 41.046 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	213215		
164	64.1	44.3	84.3	
98	30.2	10.0	50.0	

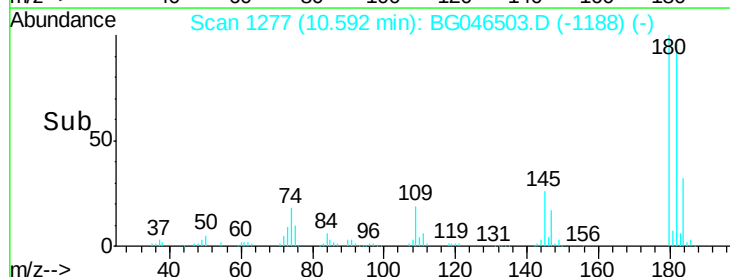
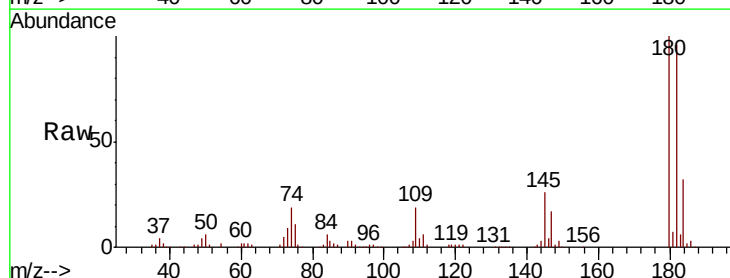
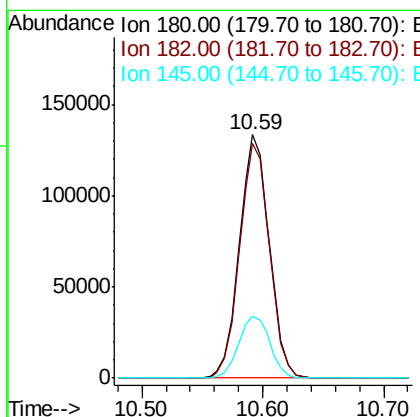
Manual Integrations
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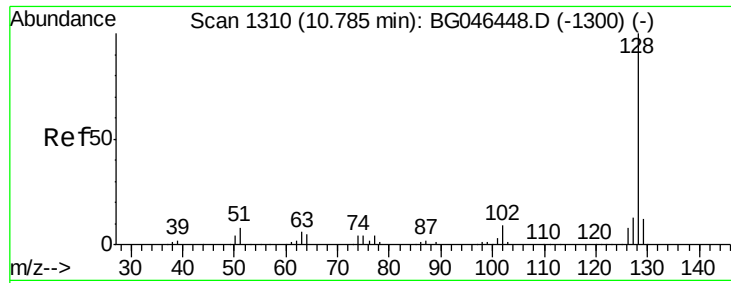
mohammad
9/3/2020 1:47:39 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.237 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229501		
182	96.3	77.8	116.8	
145	25.6	20.9	31.3	





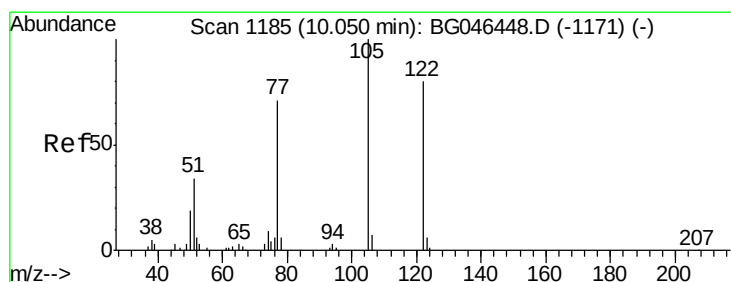
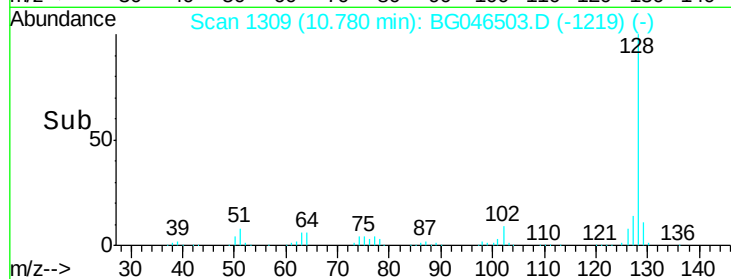
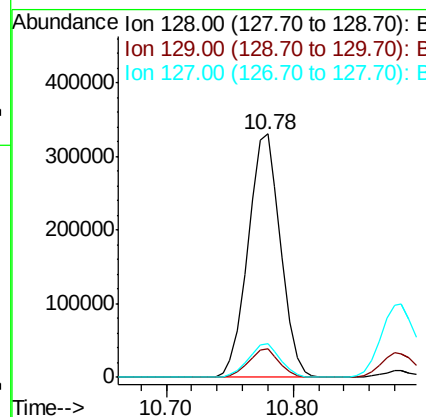
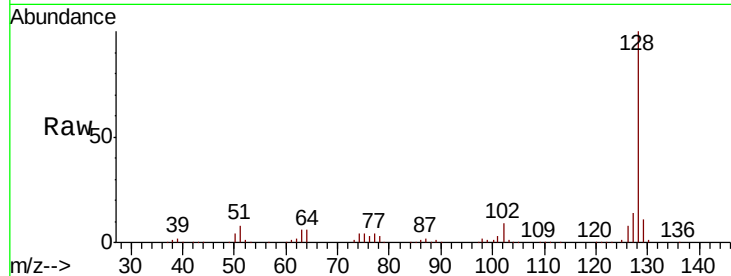
#31
Naphthalene
Concen: 38.717 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.0	10.7	16.1

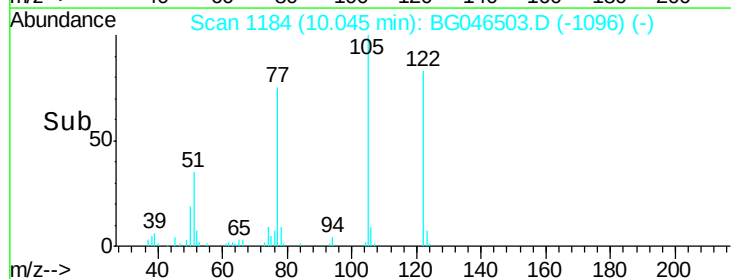
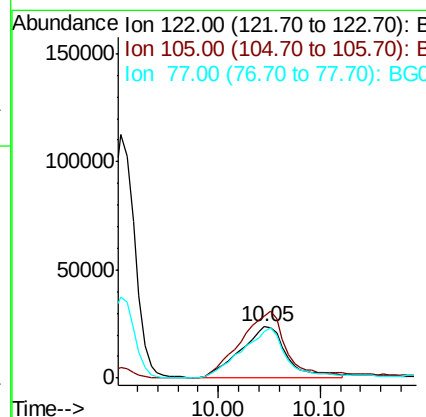
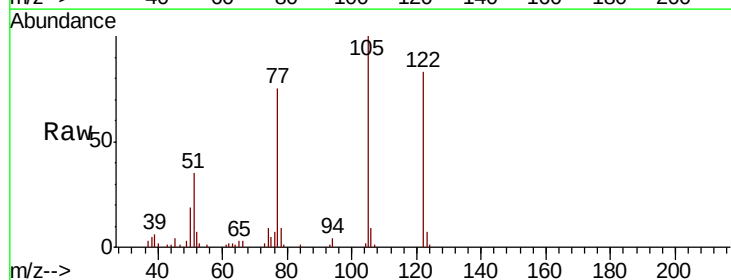
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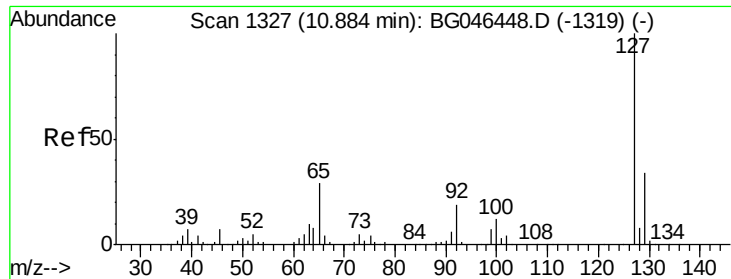
mohammad
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#32
Benzoic acid
Concen: 29.992 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	102.5	142.5
77	90.4	68.2	108.2





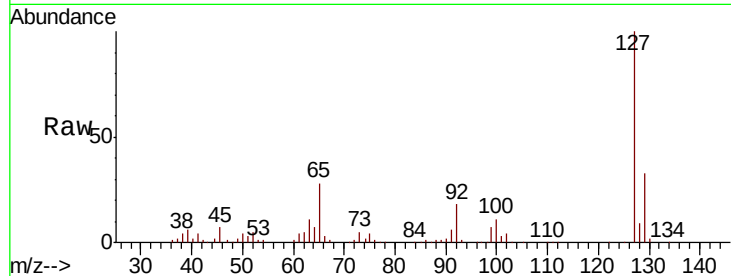
#33
4-Chloroaniline
Concen: 29.331 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampled :
PB131362BS

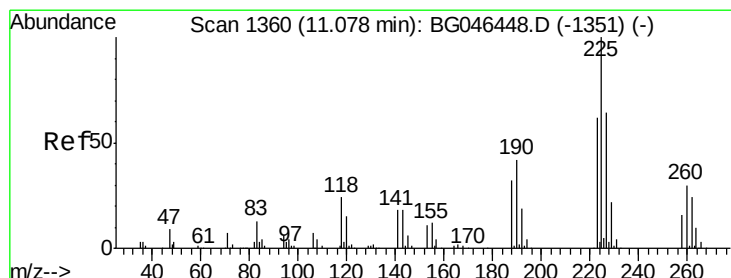
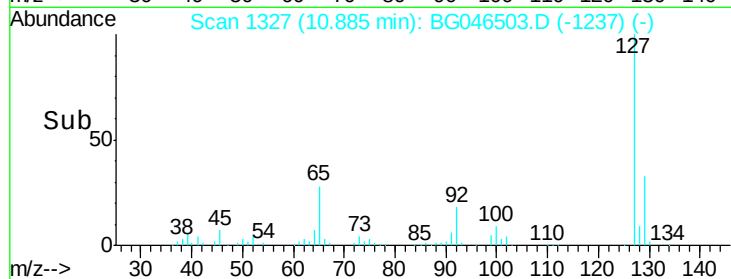
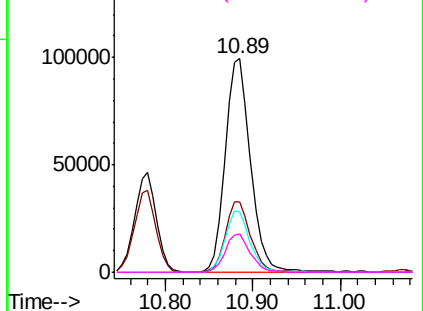
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	27.0	40.4	
65	28.0	23.5	35.3	
92	18.1	14.9	22.3	

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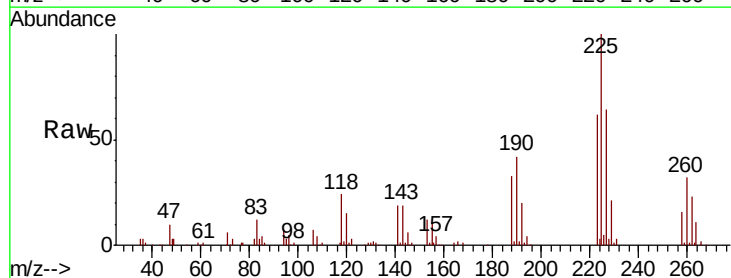


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

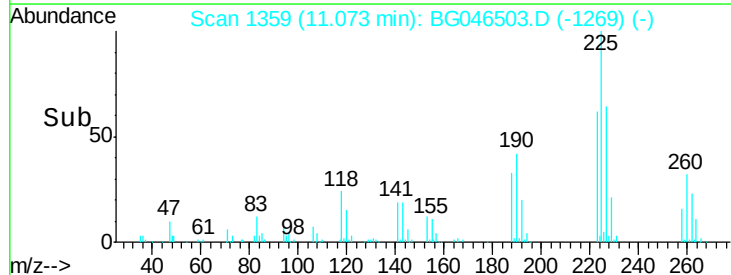
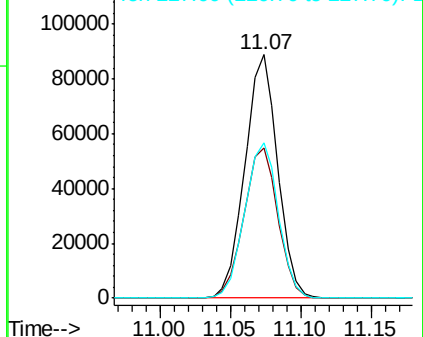


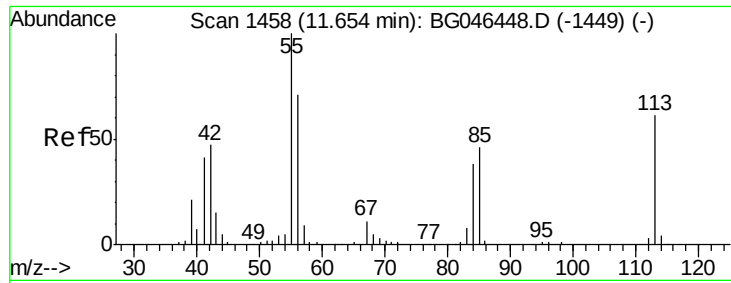
#34
Hexachlorobutadiene
Concen: 36.075 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	49.9	74.9	
227	63.8	51.6	77.4	



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: 36.203 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleID :

PB131362BS

Tot Ion: 113 Resp: 70296

Ion Ratio Lower Upper

113 100

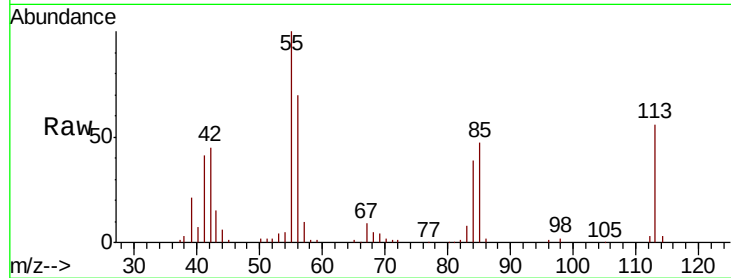
55 177.1 144.2 184.2

56 124.0 97.0 137.0

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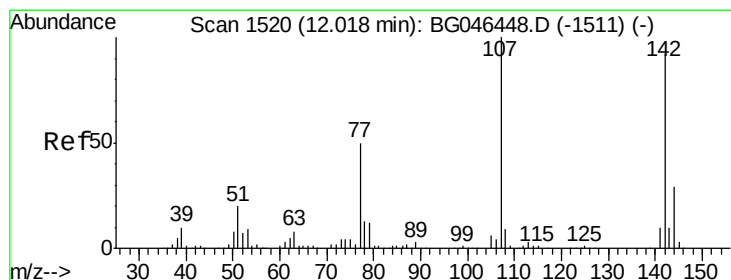
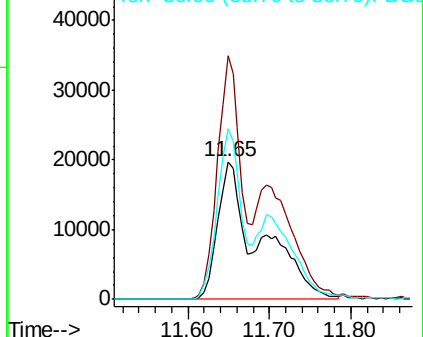
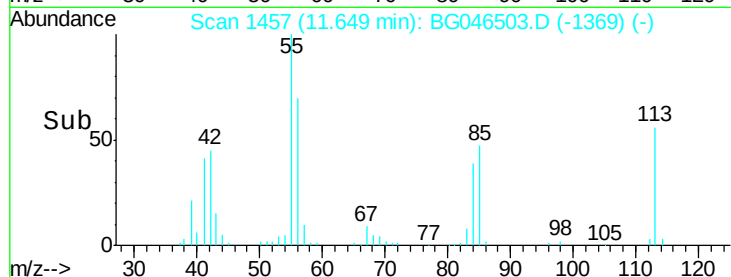
9/3/2020 1:47:39 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.969 ng/mL

RT: 12.01 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

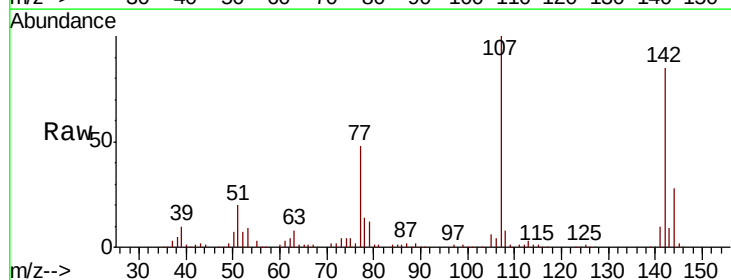
Tgt Ion: 107 Resp: 208146

Ion Ratio Lower Upper

107 100

144 28.0 23.3 34.9

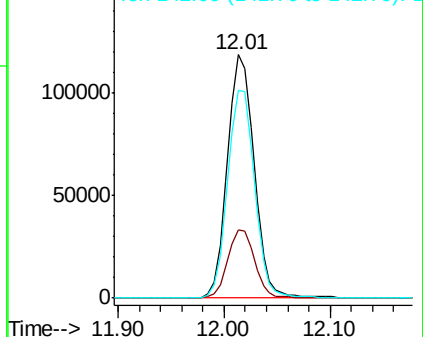
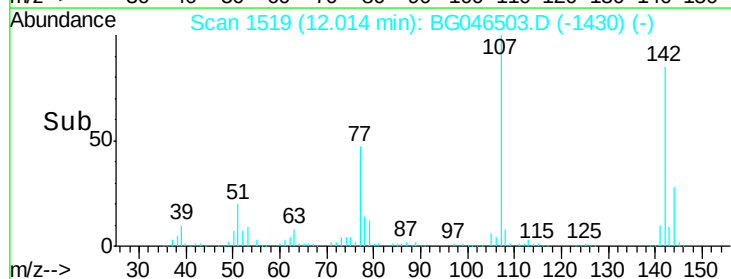
142 85.3 73.7 110.5

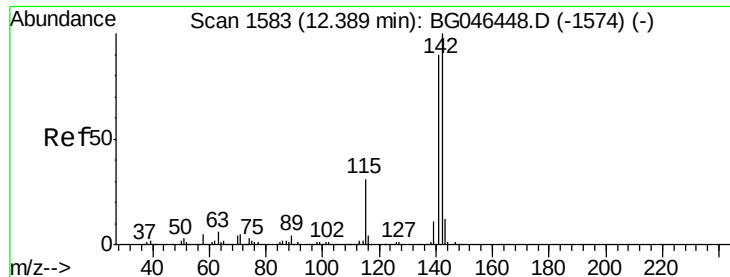


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





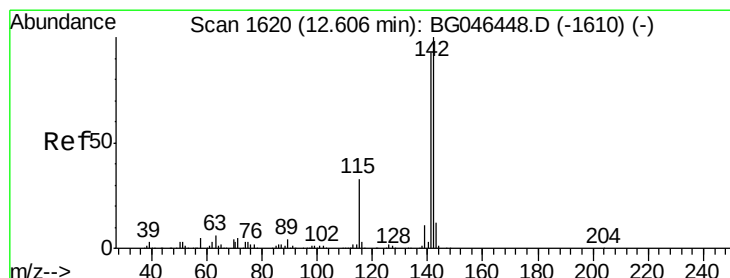
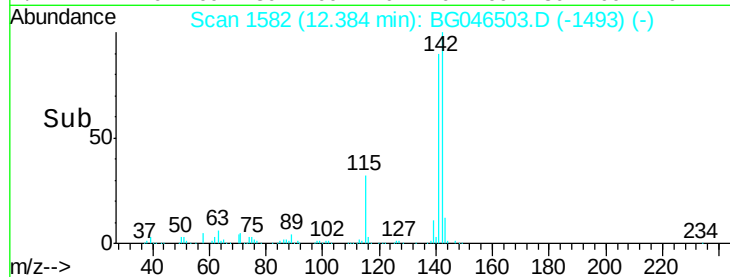
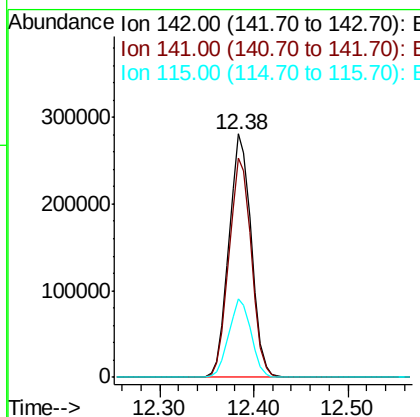
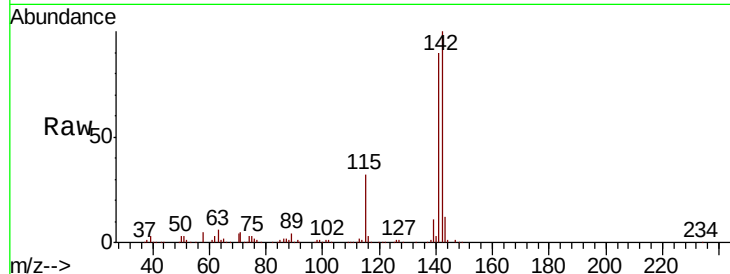
#37
2-Methylnaphthalene
Concen: 38.700 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
115	32.2	24.9	37.3

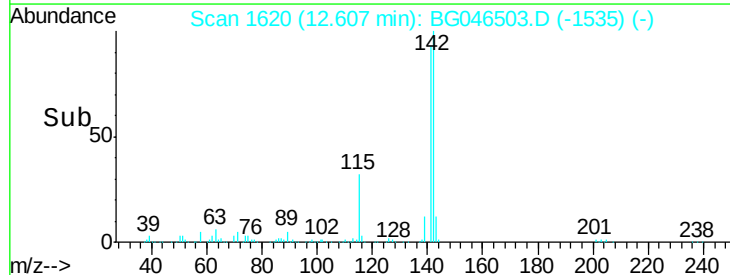
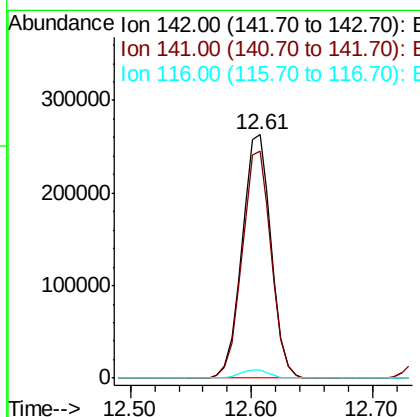
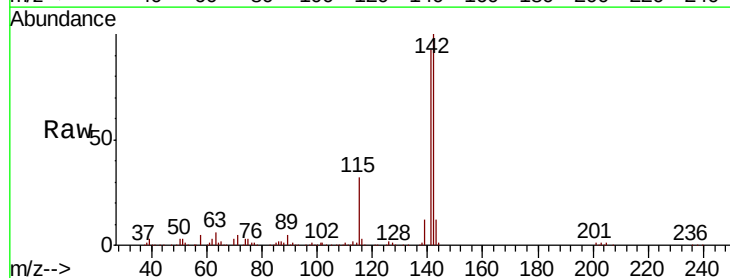
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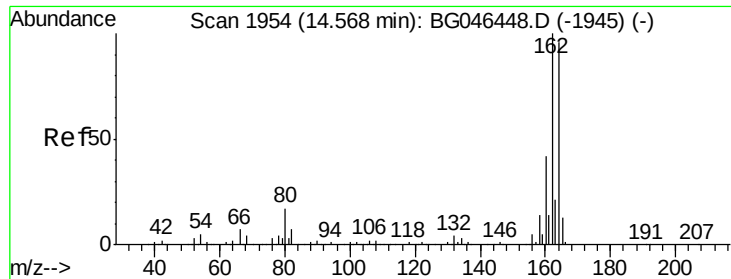
mohammad
9/3/2020 1:47:39 PM



#38
1-Methylnaphthalene
Concen: 38.840 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.7	112.1
116	3.3	2.6	4.0





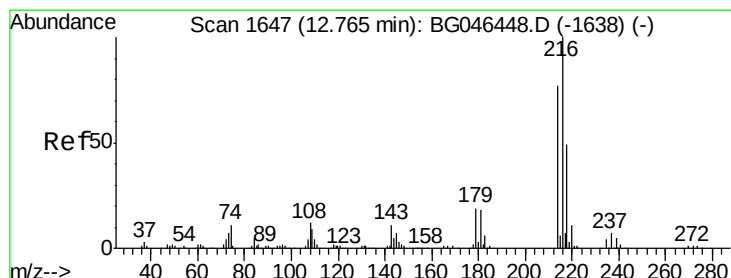
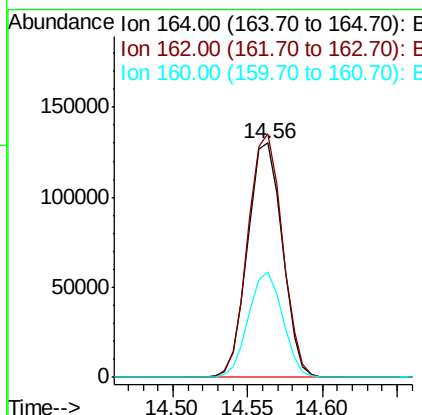
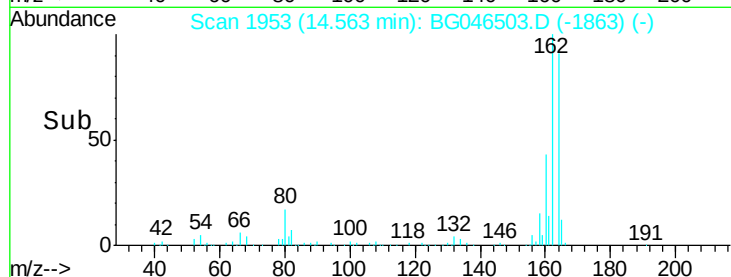
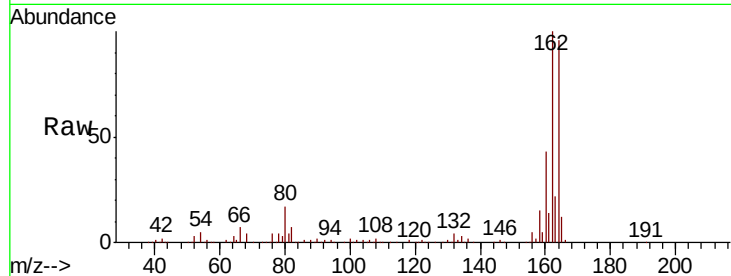
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.3	124.9
160	44.7	35.0	52.6

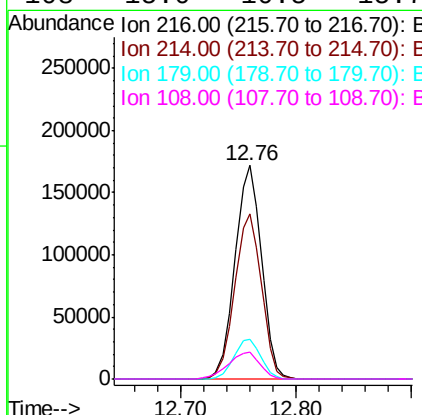
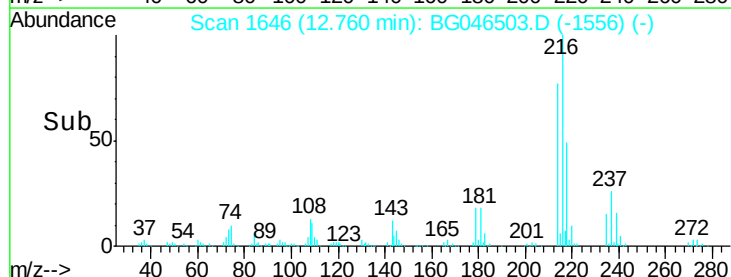
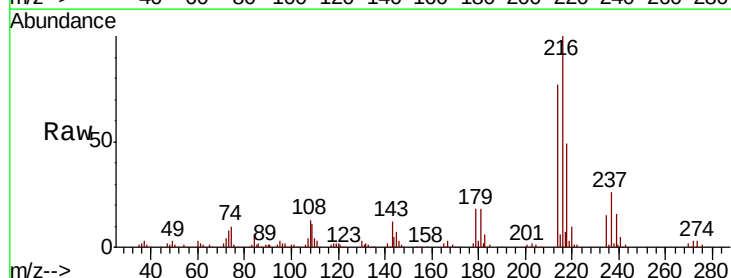
Manual Integrations
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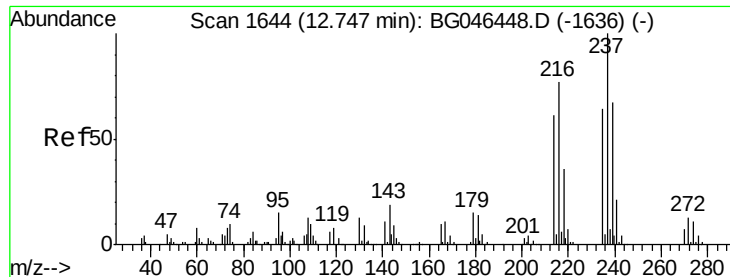
mohammad
9/3/2020 1:47:39 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.576 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.1	93.1
179	18.8	14.9	22.3
108	15.0	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 110.264 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

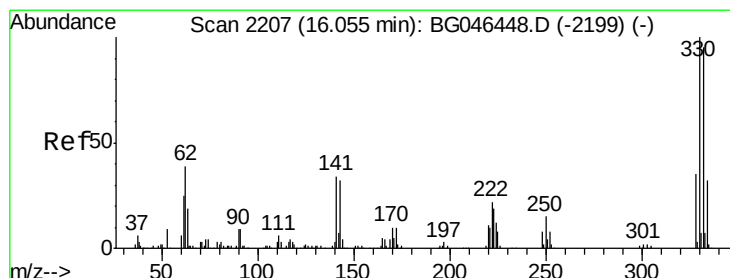
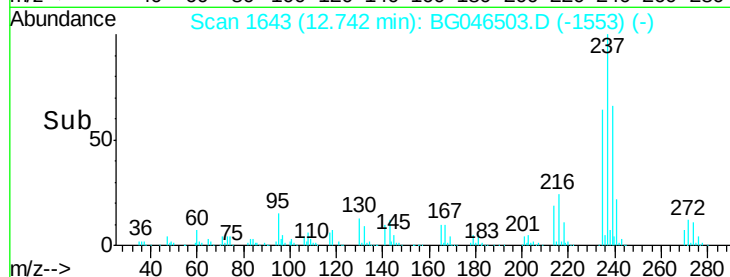
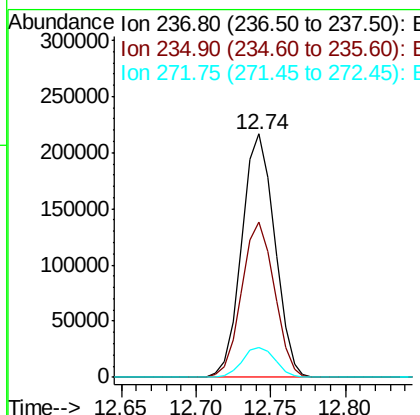
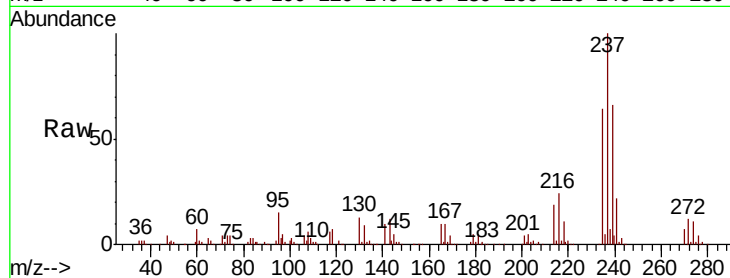
ClientSampleId :

PB131362BS

Tot Ion:	237	Resp:	330850
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.5	84.5
272	12.3	0.0	32.8

Manual Integrations
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9/3/2020 1:47:39 PM



#42

2,4,6-Tribromophenol

Concen: 94.234 ng

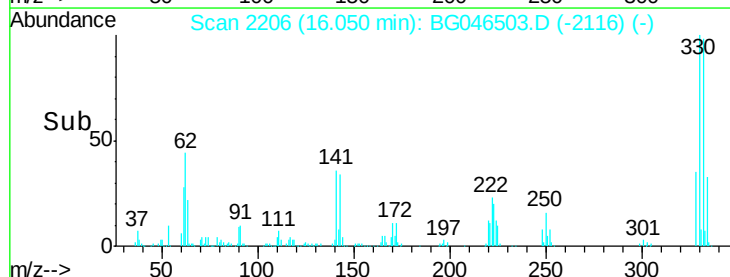
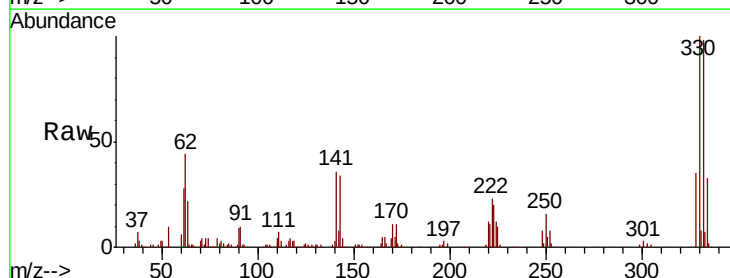
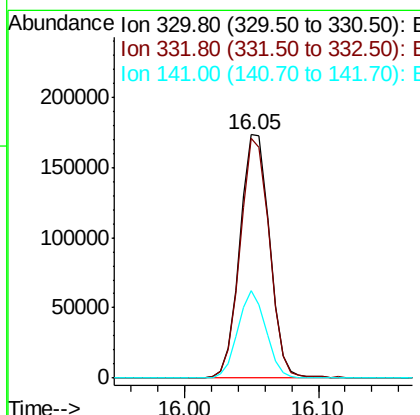
RT: 16.05 min Scan# 2206

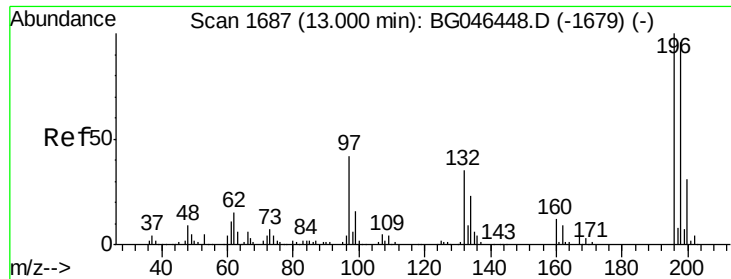
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	330	Resp:	267183
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.1	114.1
141	34.0	26.1	39.1





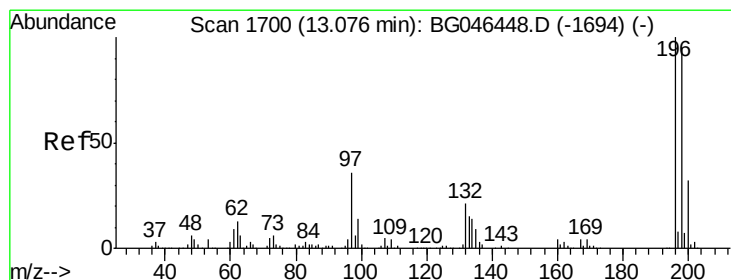
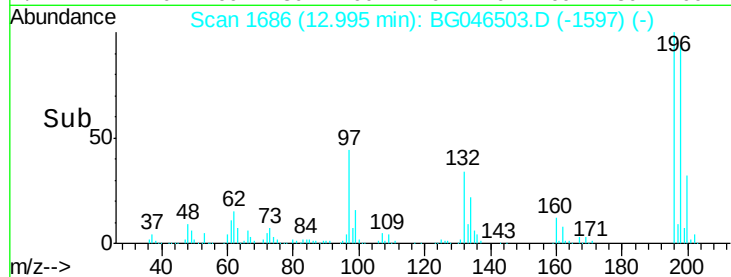
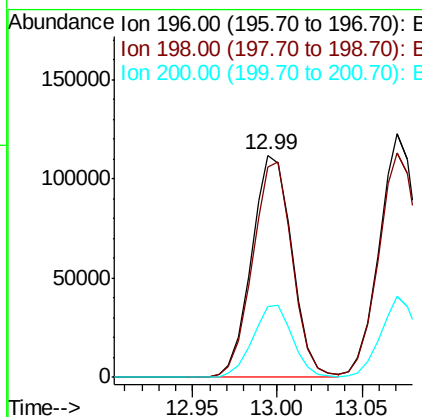
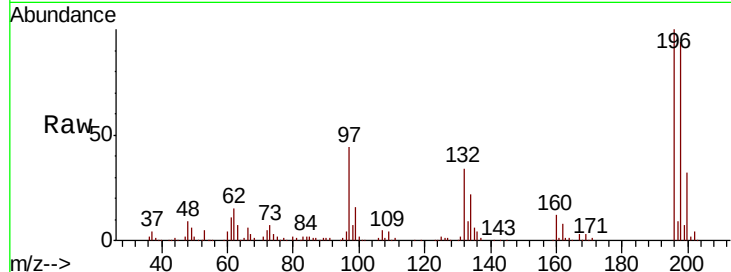
#43
 2,4,6-Trichlorophenol
 Concen: 39.975 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186152		
198	94.3	77.0	115.6	
200	31.8	25.2	37.8	

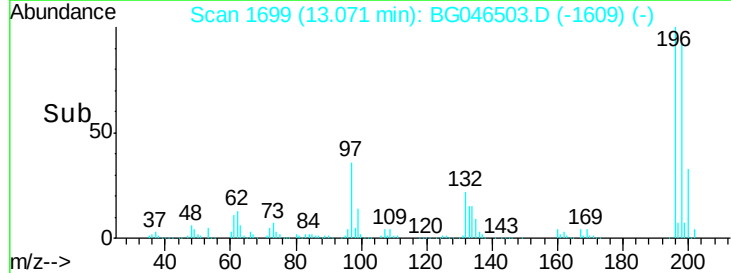
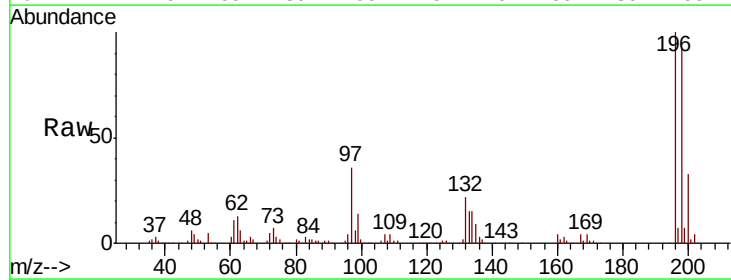
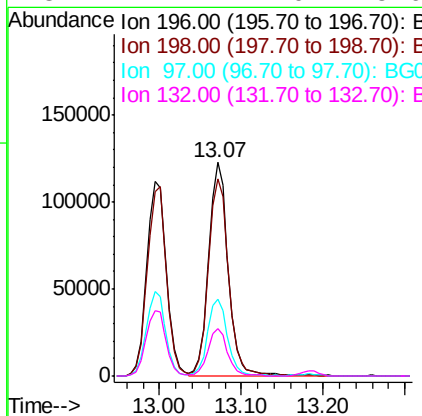
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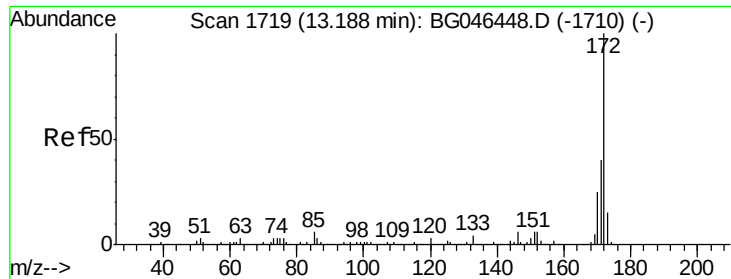
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#44
 2,4,5-Trichlorophenol
 Concen: 41.543 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203254		
198	92.3	75.6	113.4	
97	35.9	28.6	43.0	
132	22.1	17.0	25.6	





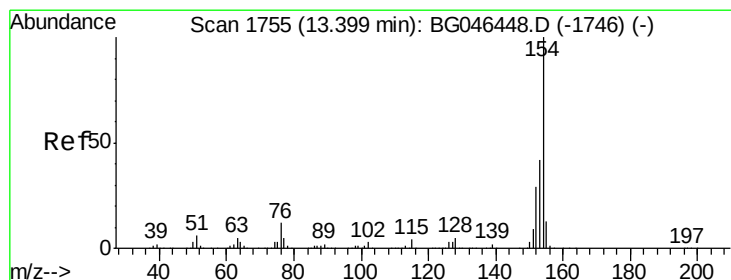
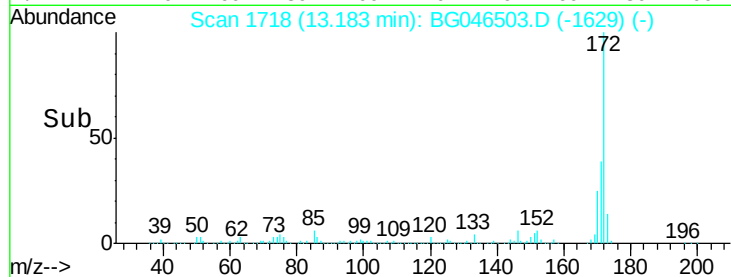
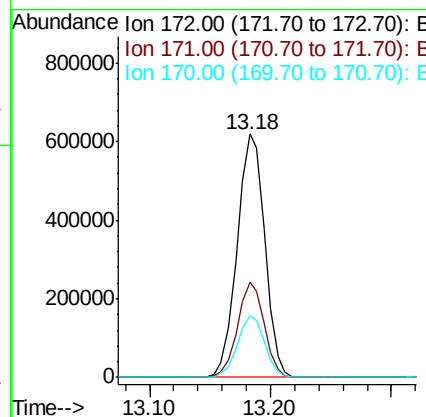
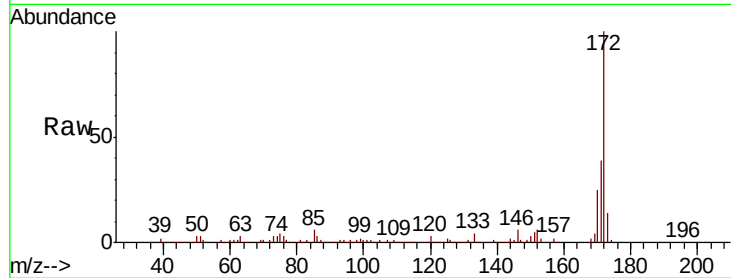
#45
2-Fluorobiphenyl
Concen: 71.733 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.8	47.6
170	25.4	20.3	30.5

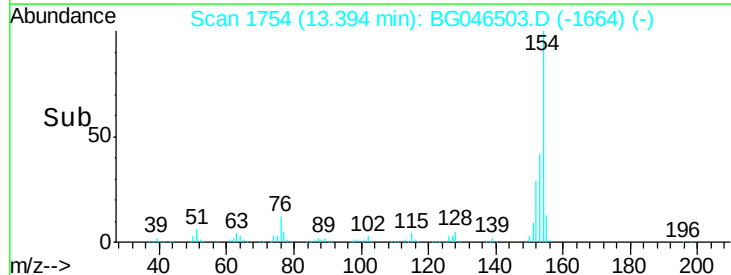
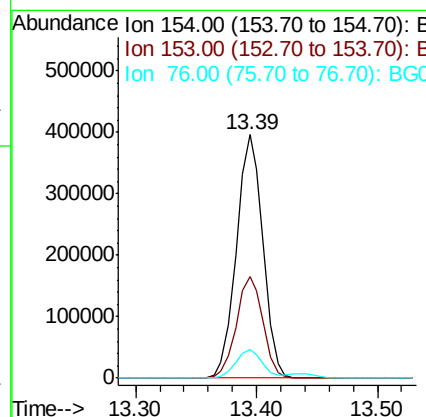
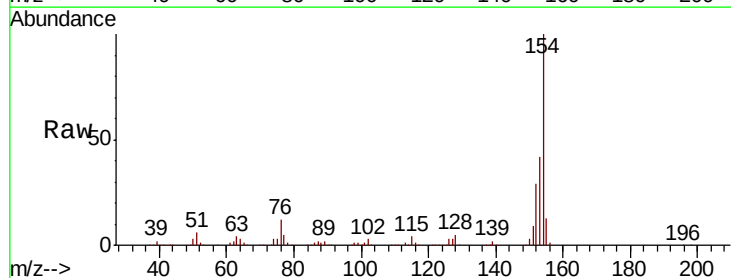
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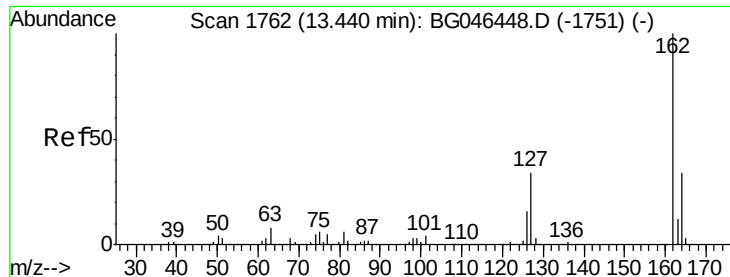
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#46
1,1'-Biphenyl
Concen: 41.374 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.0	62.0
76	12.0	0.0	32.3





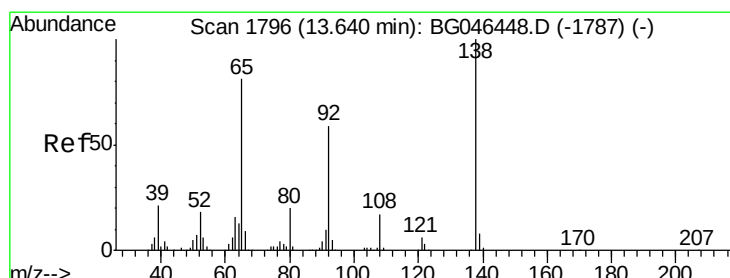
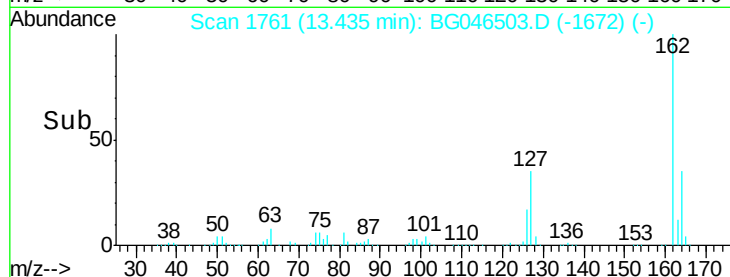
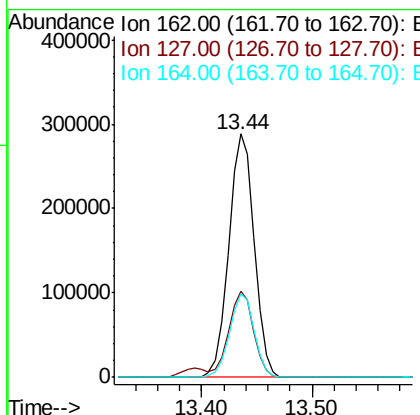
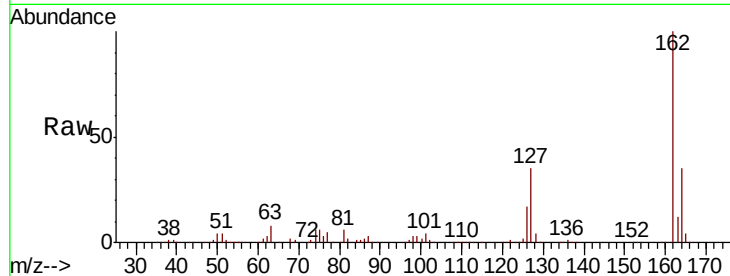
#47
 2-Chloronaphthalene
 Concen: 37.528 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		463252		
127	35.2	27.6	41.4		
164	34.6	27.3	40.9		

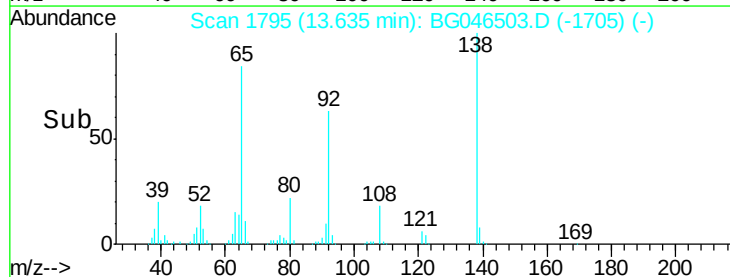
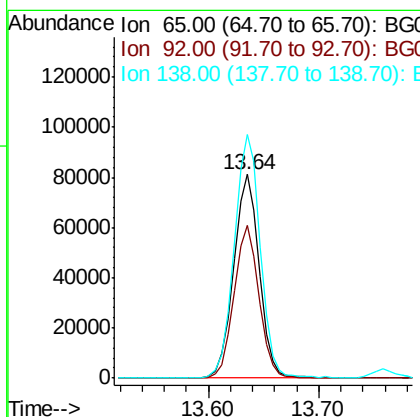
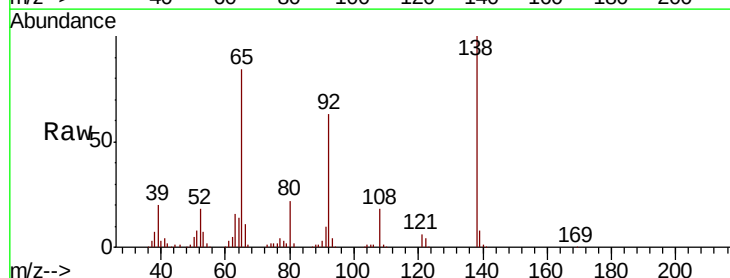
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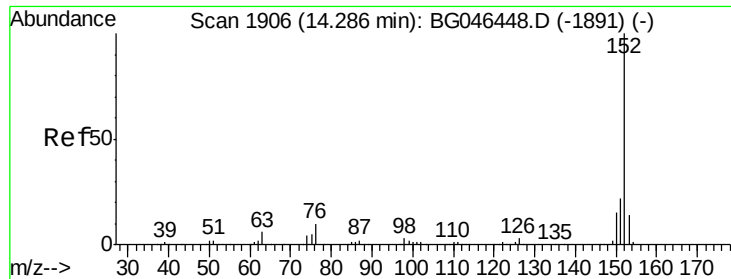
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#48
 2-Nitroaniline
 Concen: 38.587 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		132264		
92	75.0	58.5	87.7		
138	119.6	98.4	147.6		





#49

Acenaphthylene

Concen: 40.255 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

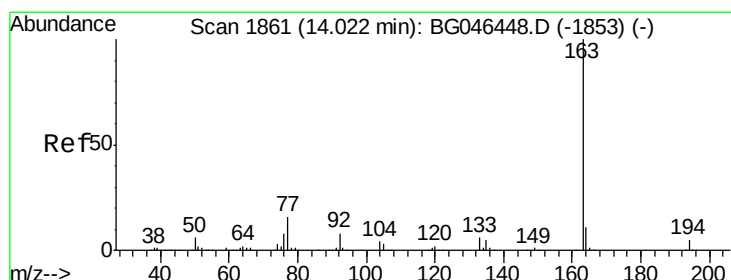
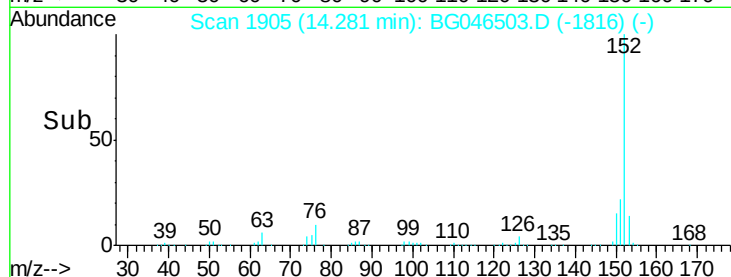
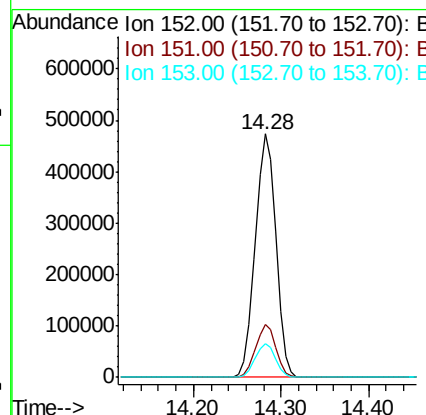
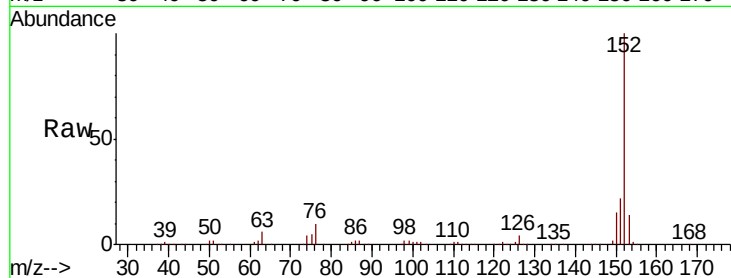
ClientSampleId :

PB131362BS

Tot Ion:	152	Resp:	753770
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.7	26.5
153	13.9	11.2	16.8

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#50

Dimethylphthalate

Concen: 38.092 ng

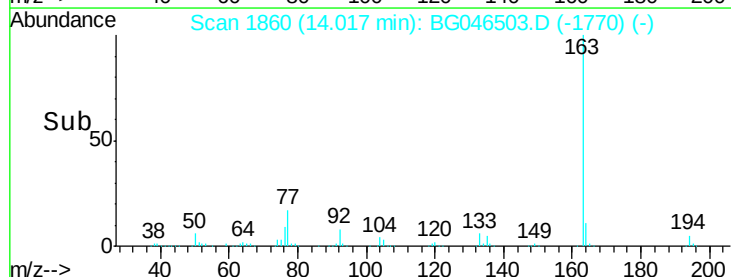
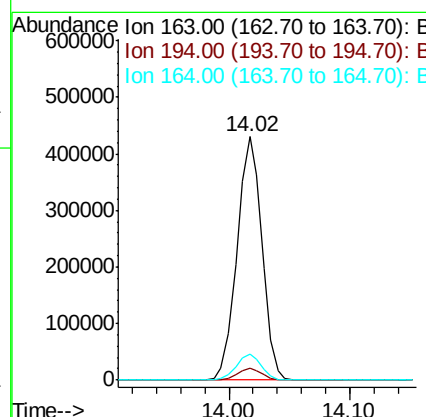
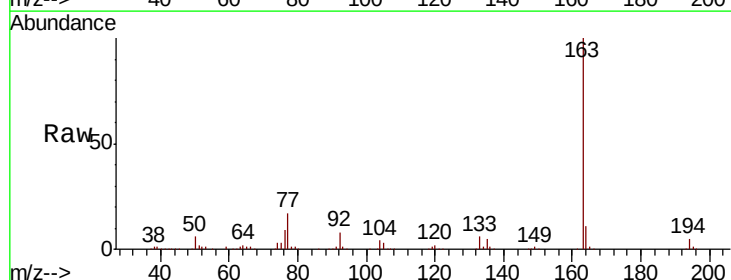
RT: 14.02 min Scan# 1860

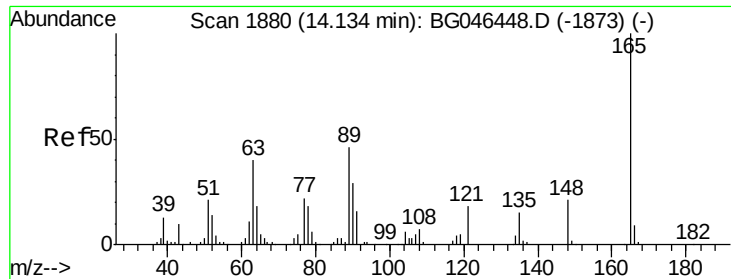
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	163	Resp:	616679
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	10.7	8.6	12.8





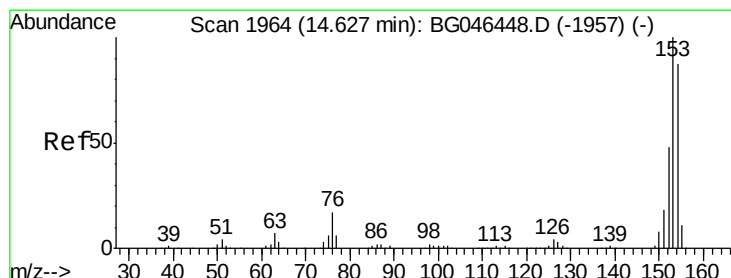
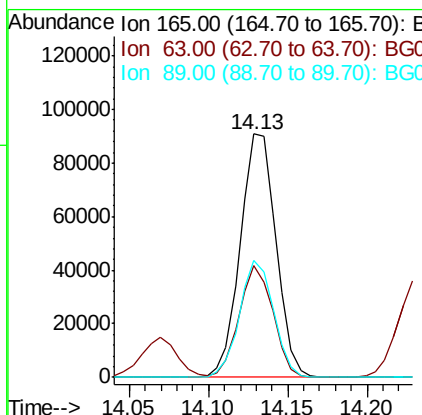
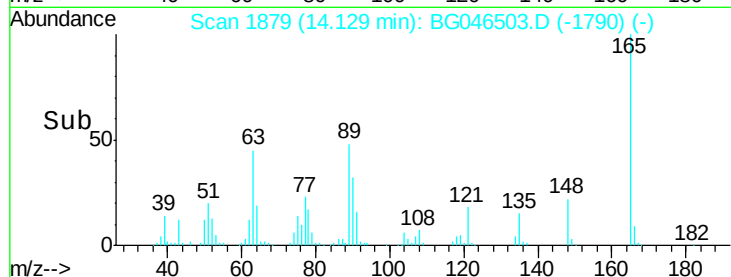
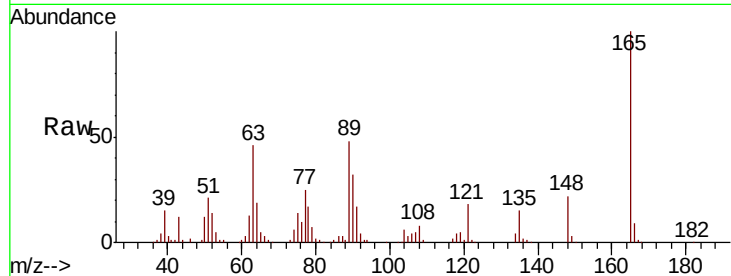
#51
 2,6-Dinitrotoluene
 Concen: 39.851 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	34.2	51.4
89	47.8	37.0	55.4

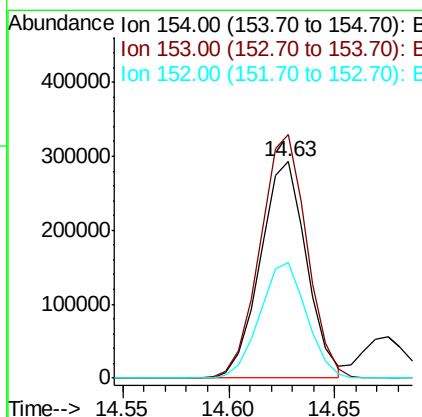
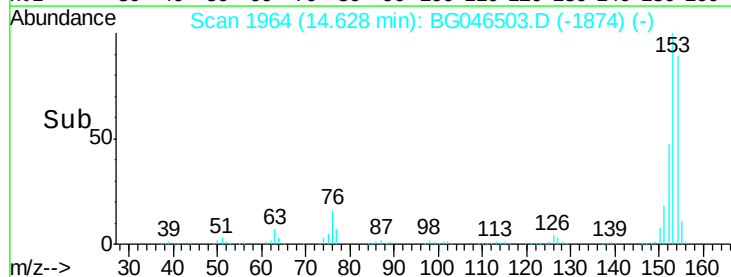
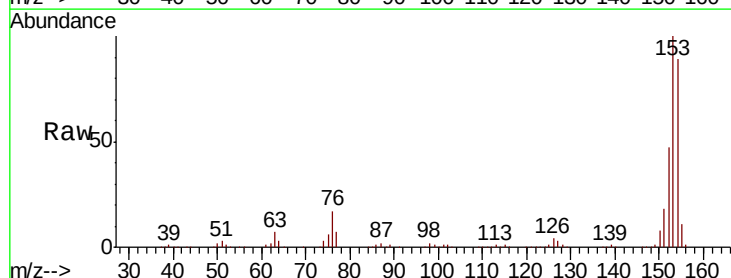
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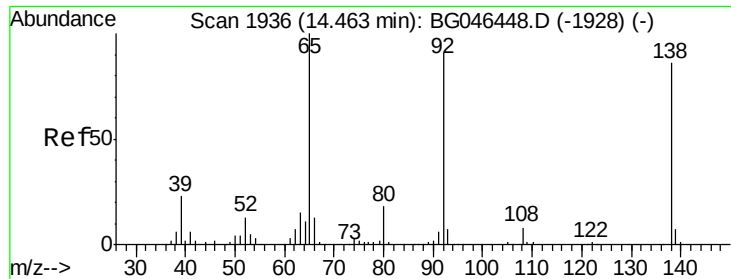
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#52
 Acenaphthene
 Concen: 38.452 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.9	137.9
152	53.2	43.8	65.6





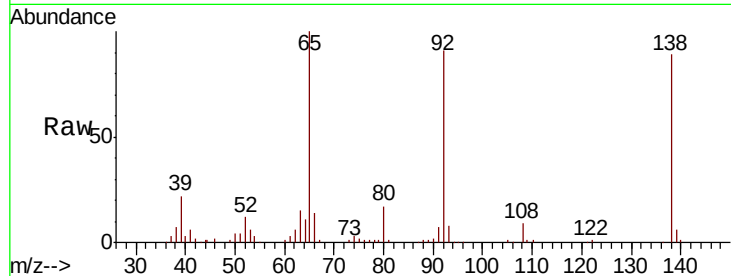
#53
3-Nitroaniline
Concen: 29.477 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

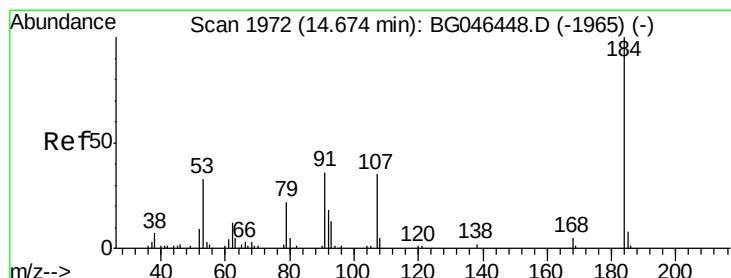
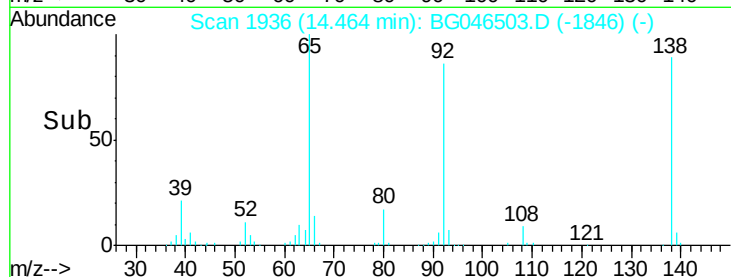
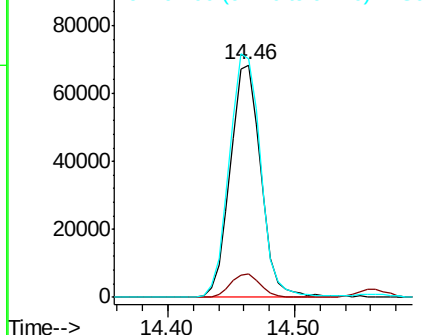
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.0	10.6
92	102.5	84.6	127.0

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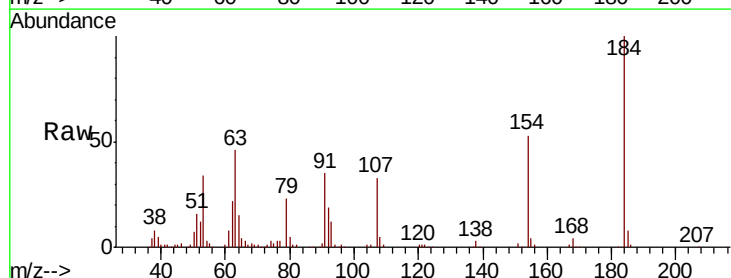


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

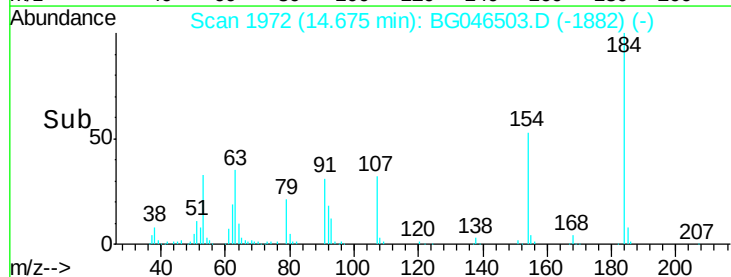
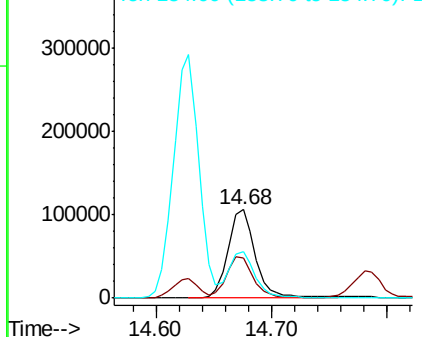


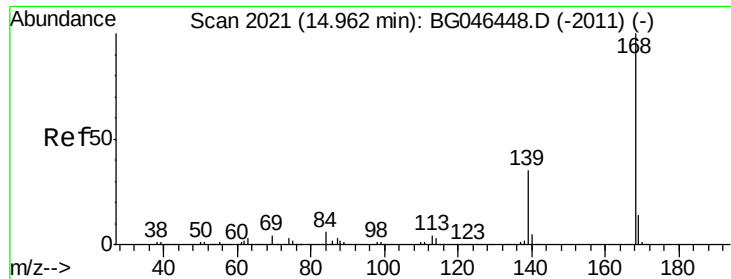
#54
2,4-Dinitrophenol
Concen: 83.781 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.6	35.6	53.4
154	53.4	44.3	66.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





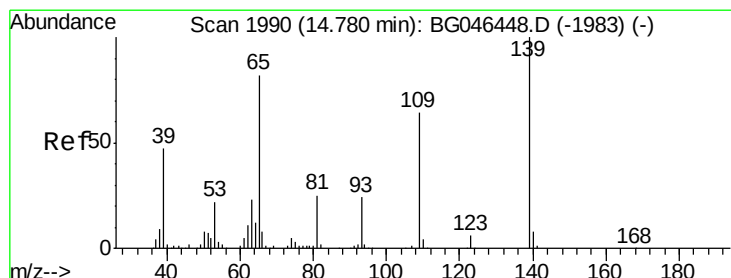
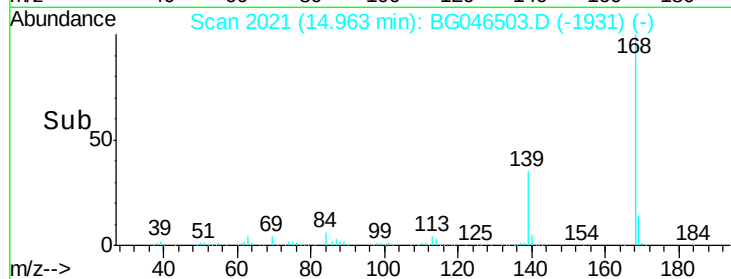
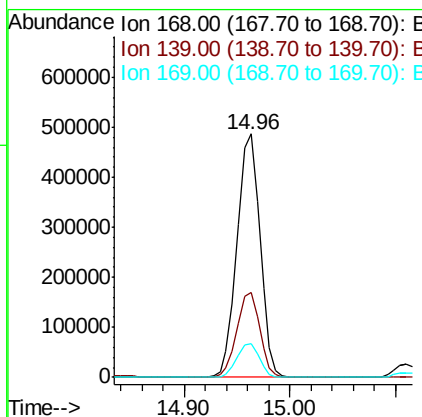
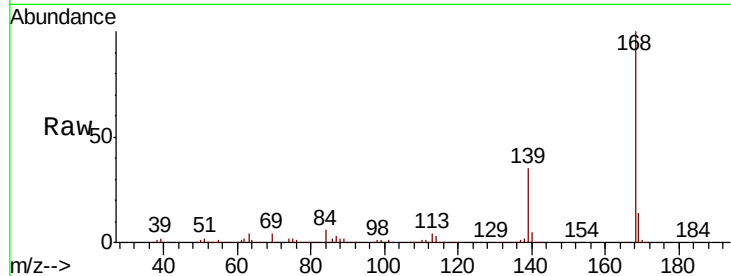
#55
Dibenzofuran
Concen: 39.285 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.1	42.1
169	13.8	11.5	17.3

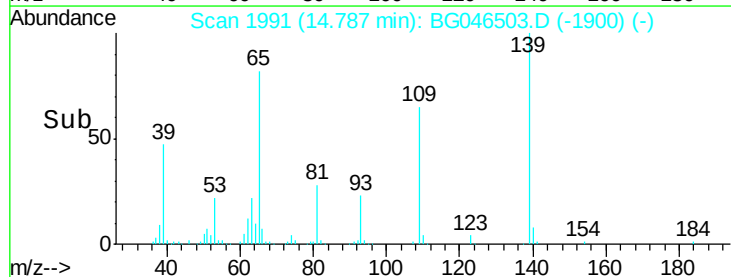
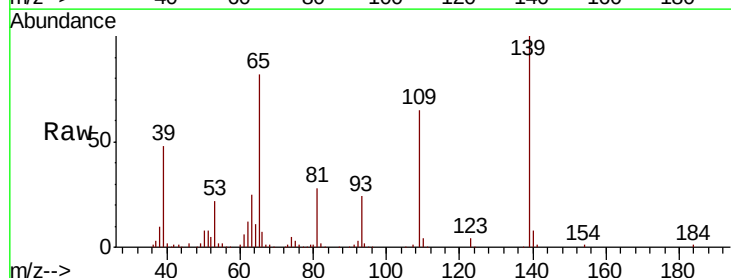
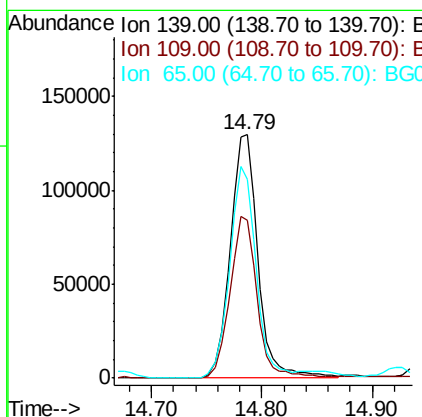
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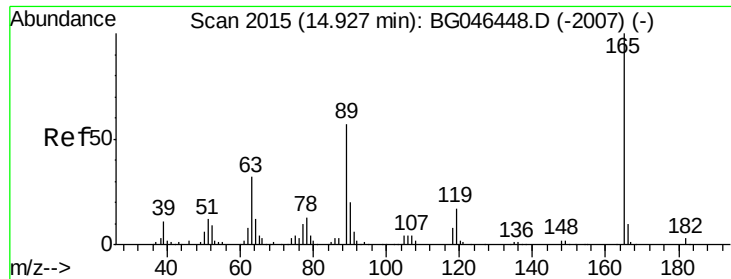
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#56
4-Nitrophenol
Concen: 80.505 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	44.3	84.3
65	81.9	61.5	101.5





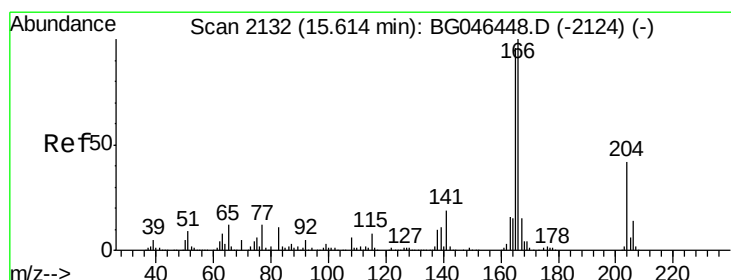
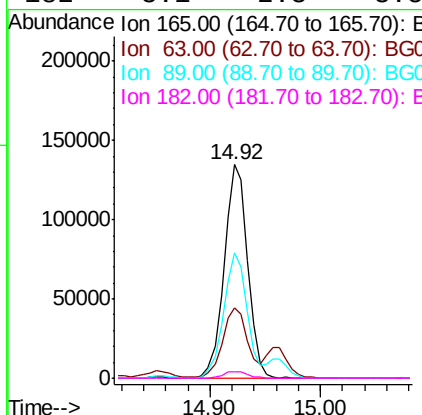
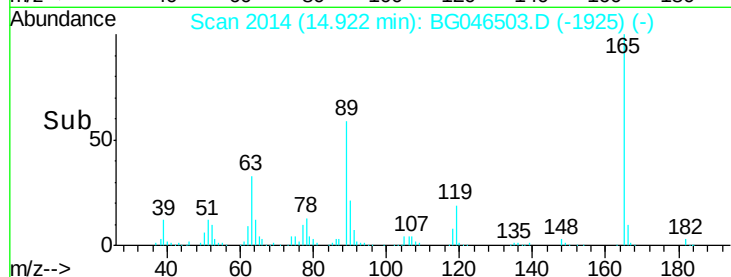
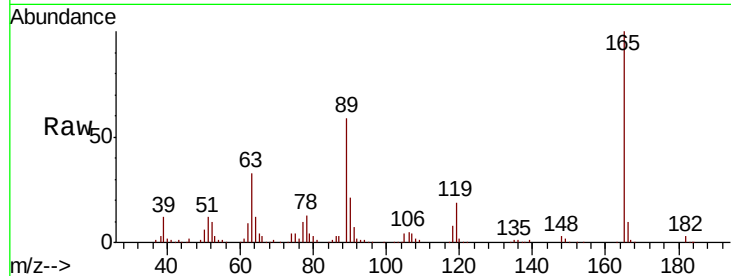
#57
 2,4-Dinitrotoluene
 Concen: 39.149 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		199212		
63	32.9	25.4	38.0		
89	58.6	45.9	68.9		
182	3.1	2.3	3.5		

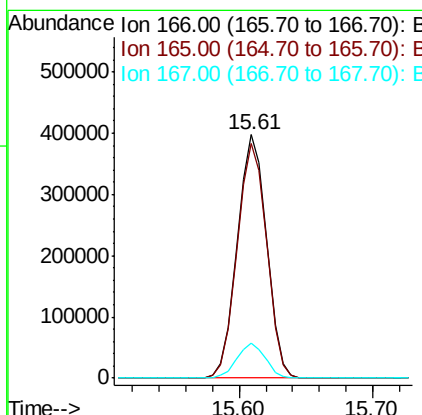
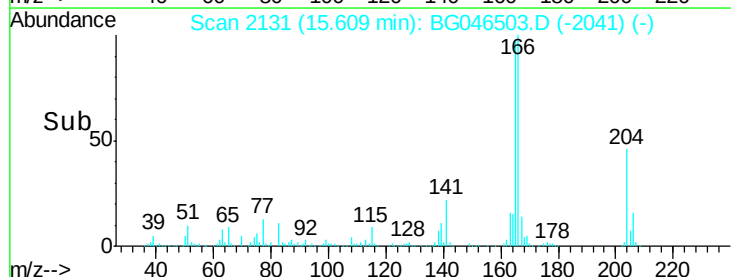
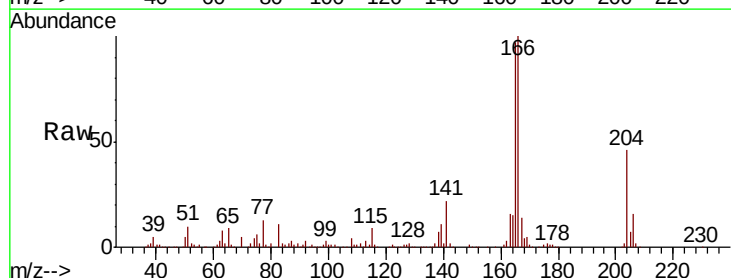
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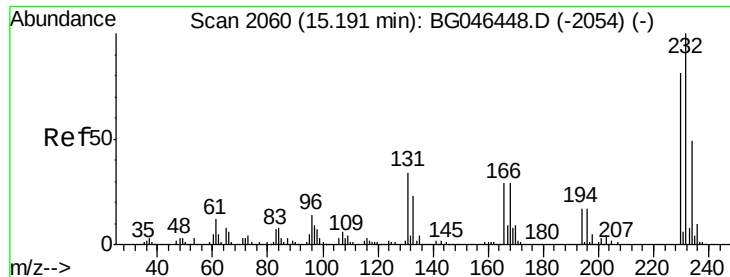
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#58
 Fluorene
 Concen: 38.572 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		602843		
165	96.5	77.0	115.4		
167	14.3	11.8	17.6		





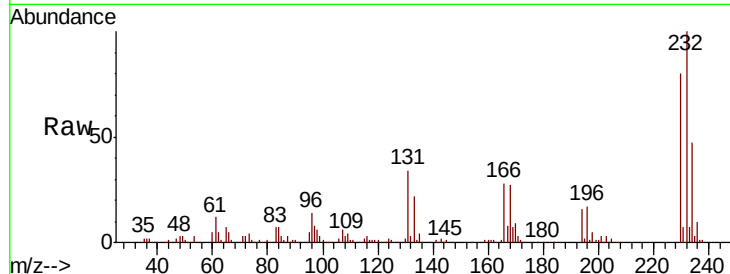
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.114 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	195338		
131	33.7	26.8	40.2	
130	1.9	1.4	2.2	
166	27.1	22.8	34.2	

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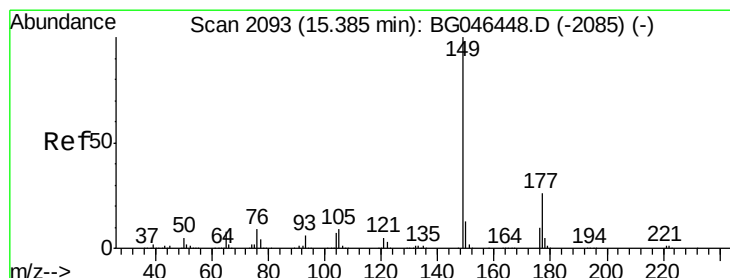
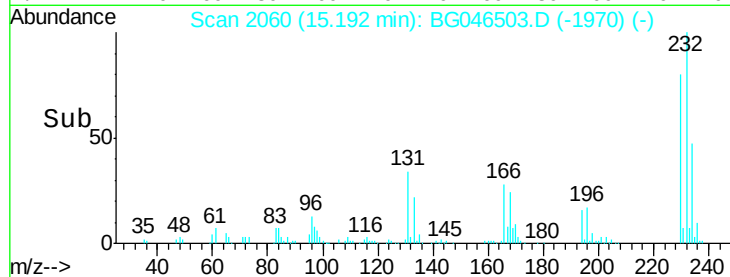
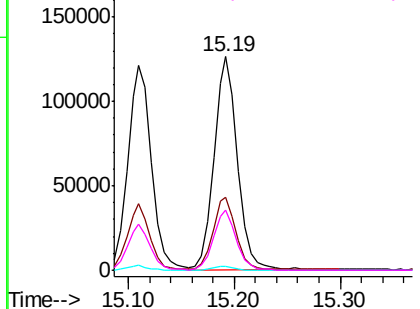
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.230 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

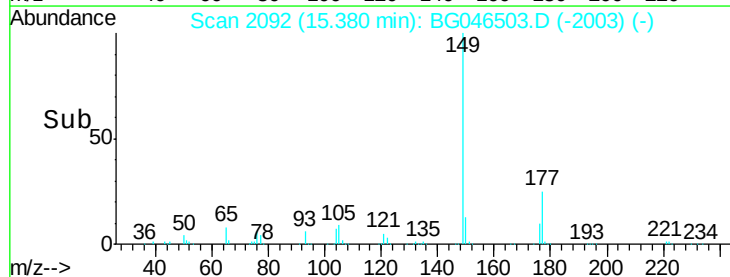
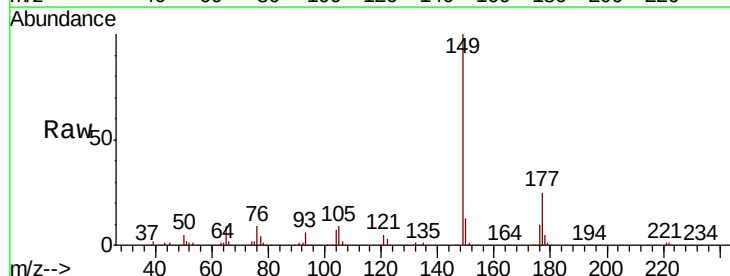
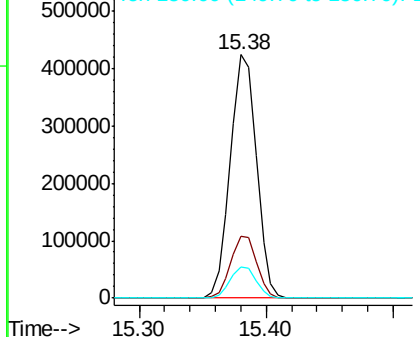
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	603441		
177	25.3	20.6	30.8	
150	12.7	10.3	15.5	

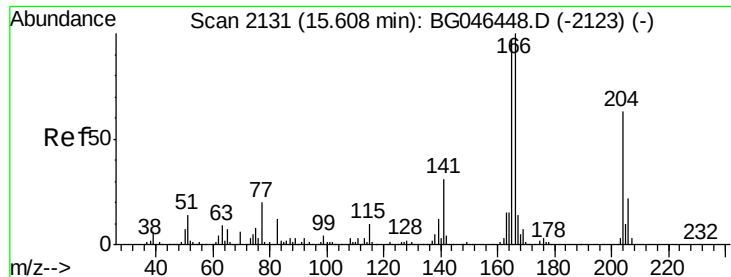
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





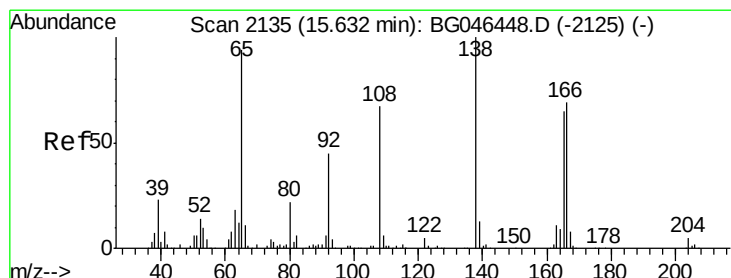
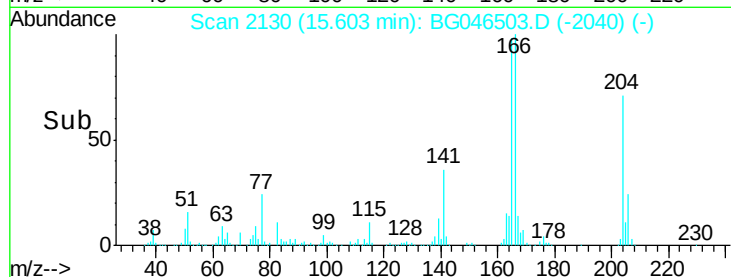
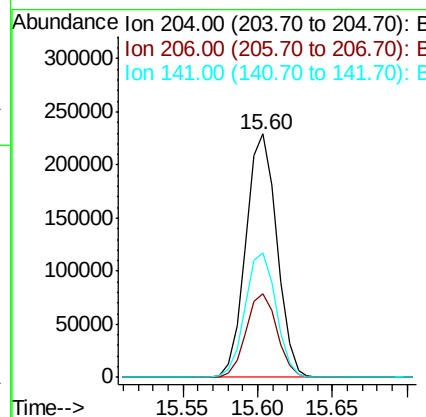
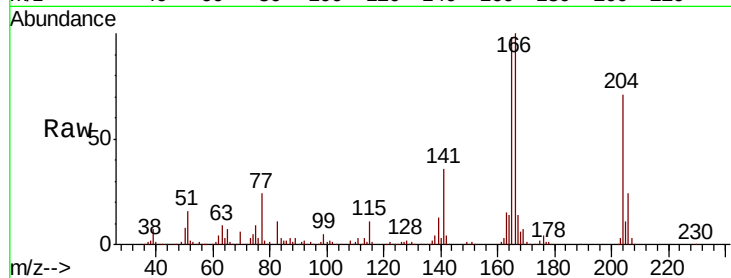
#61
4-Chlorophenyl-phenylether
Concen: 38.141 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.2	27.7	41.5	
141	51.1	38.7	58.1	

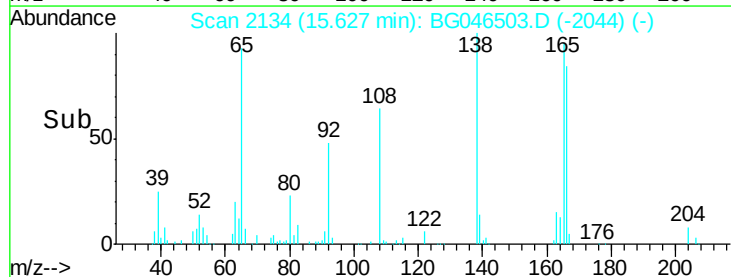
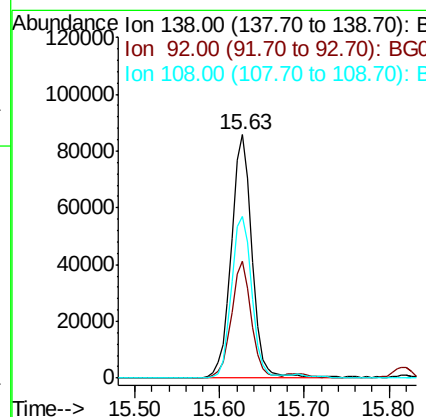
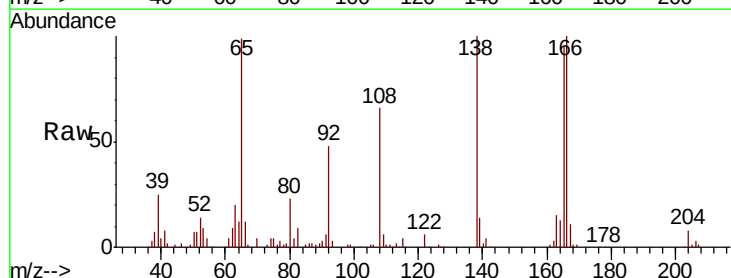
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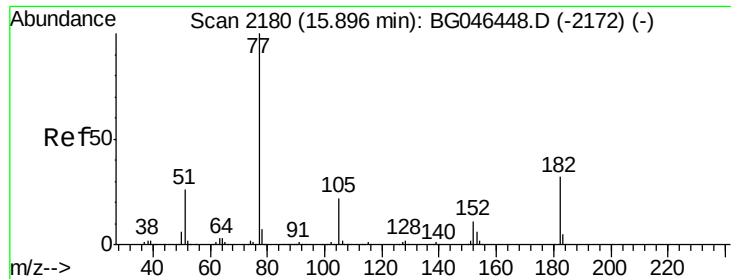
mohammad
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#62
4-Nitroaniline
Concen: 35.465 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.0	25.3	65.3	
108	66.5	46.7	86.7	





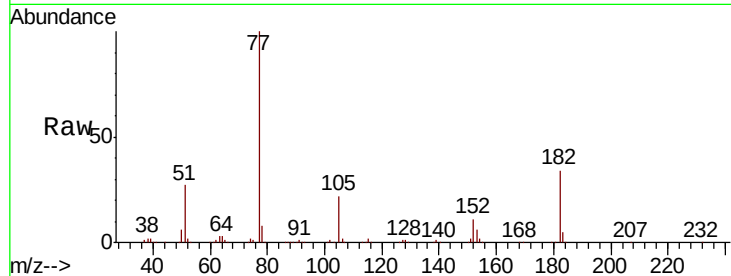
#63
Azobenzene
Concen: 39.680 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

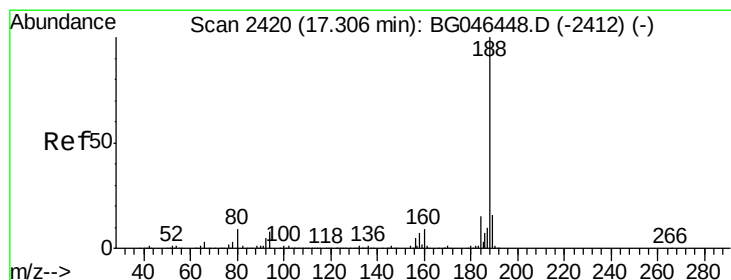
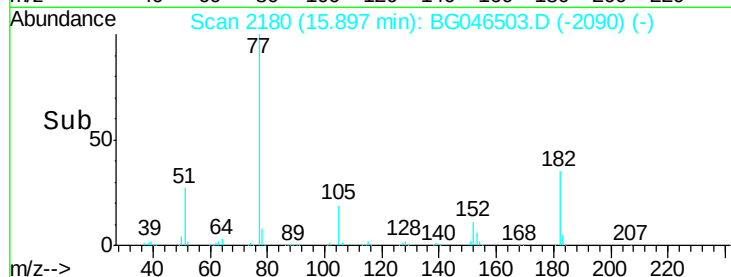
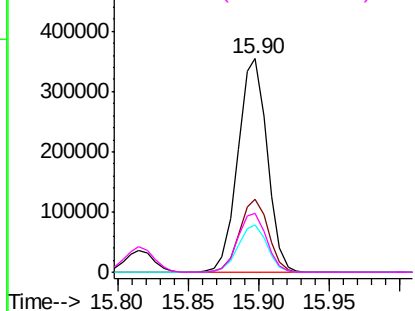
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.2	12.3	52.3	
105	22.4	2.3	42.3	
51	27.4	6.5	46.5	

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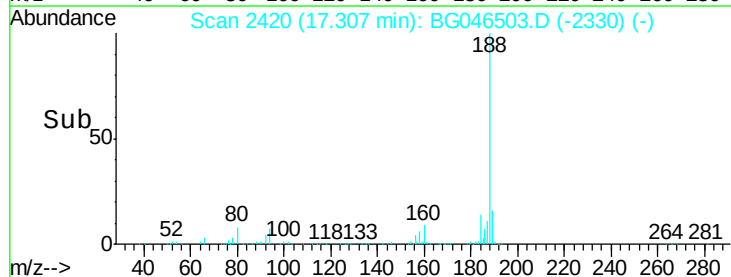
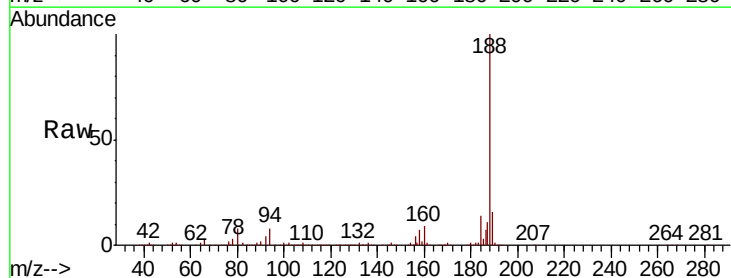
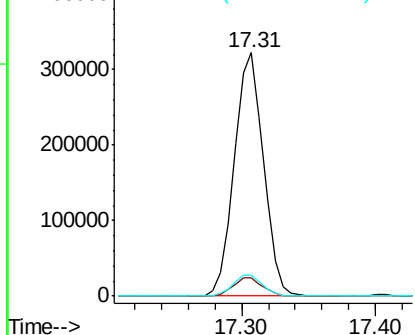
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

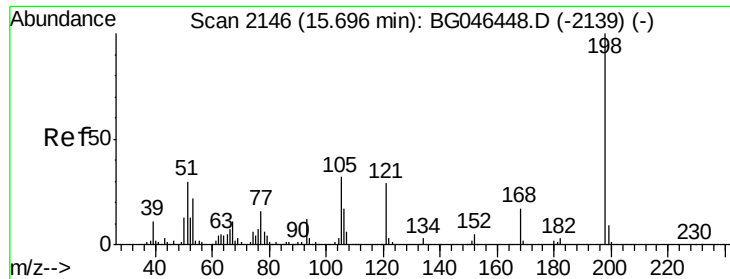


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	6.3	9.5	
80	8.5	6.9	10.3	

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





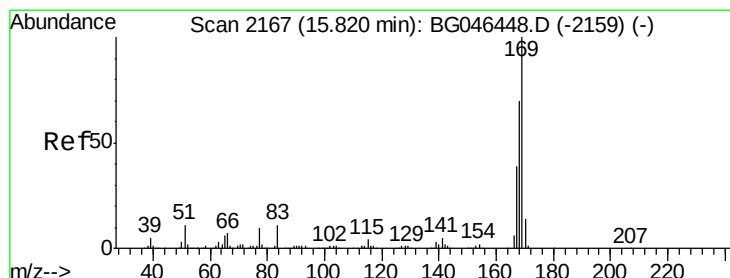
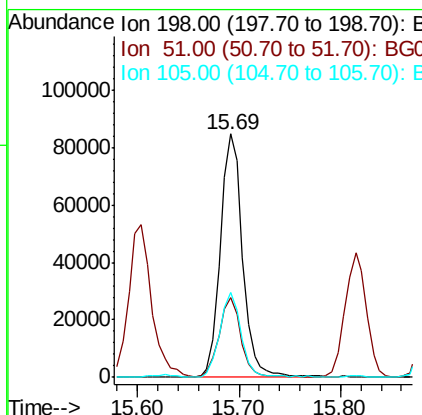
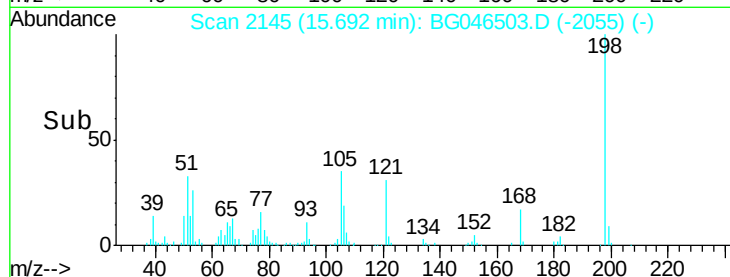
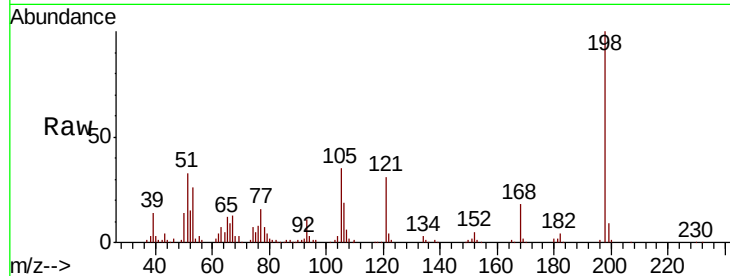
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.727 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampled :
 PB131362BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	129093		
51	32.9		10.4	50.4
105	34.9		12.4	52.4

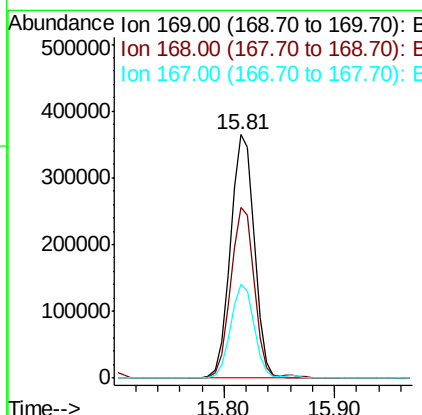
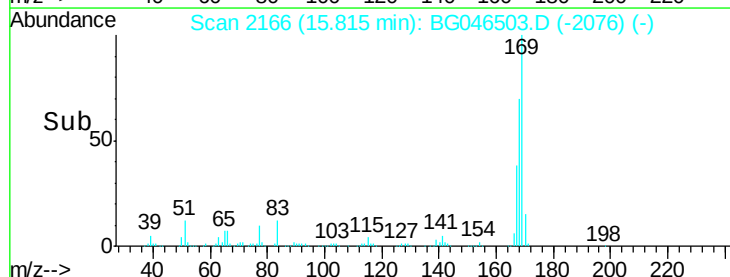
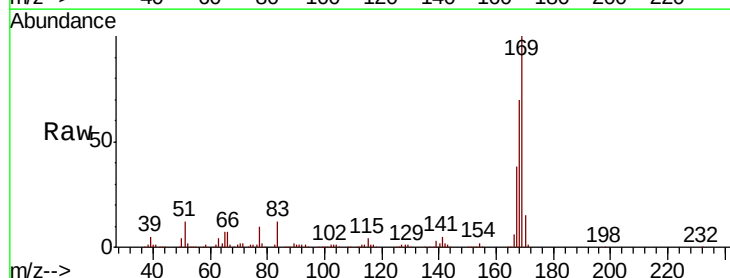
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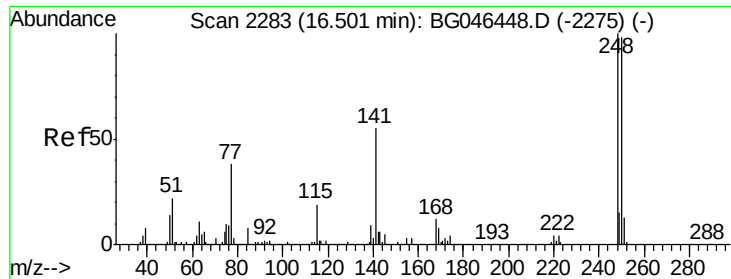
mohammad
 9/3/2020 1:47:39 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.904 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	551803		
168	69.9		55.8	83.8
167	38.5		31.0	46.6





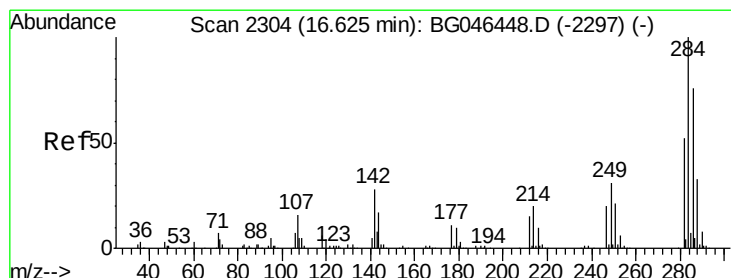
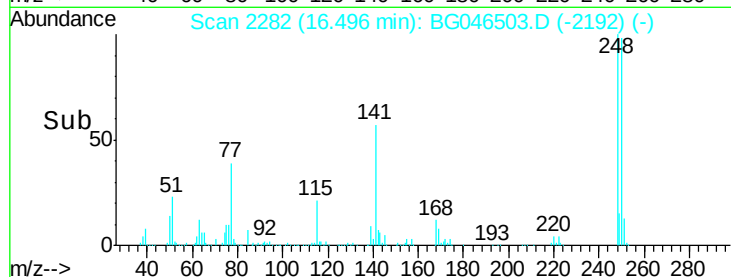
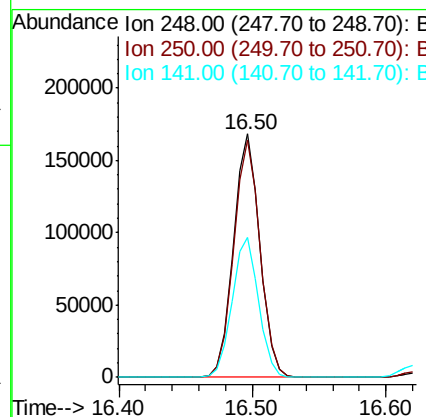
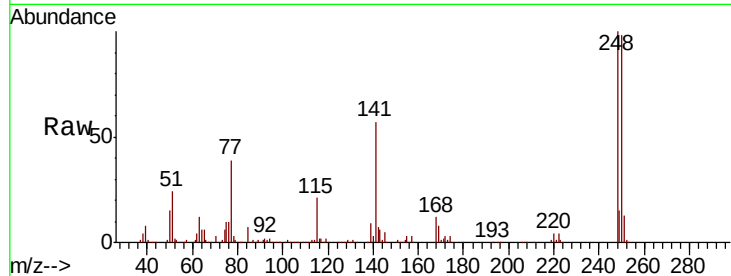
#67
 4-Bromophenyl-phenylether
 Concen: 40.815 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	57.3	43.9	65.9

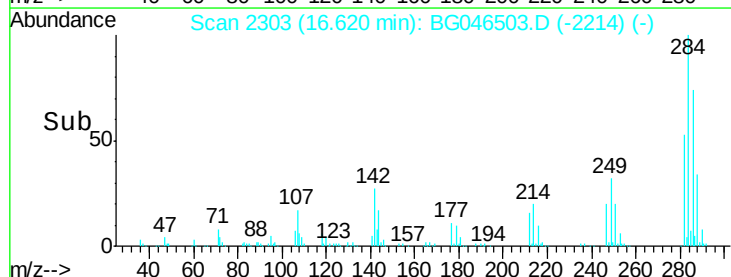
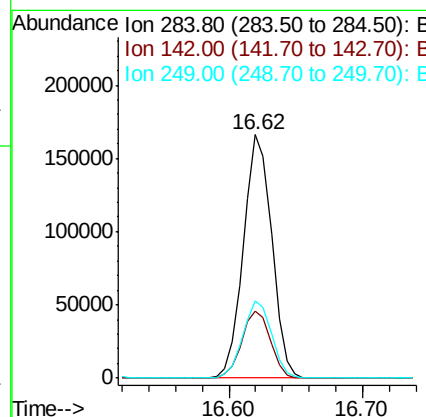
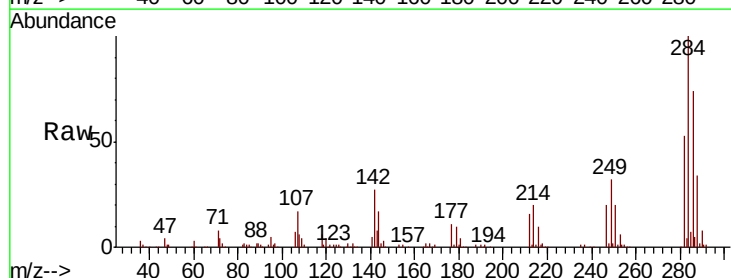
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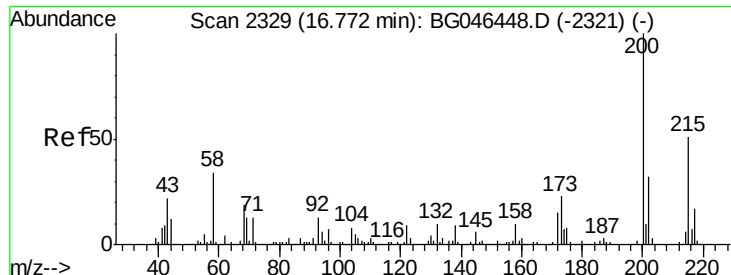
mohammad
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#68
 Hexachlorobenzene
 Concen: 38.607 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	22.3	33.5
249	31.6	24.8	37.2





#69

Atrazine

Concen: 38.323 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

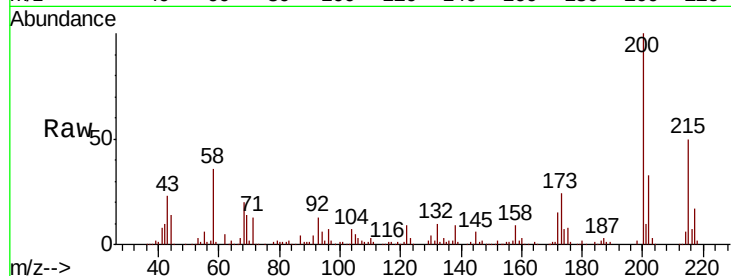
ClientSampleId :

PB131362BS

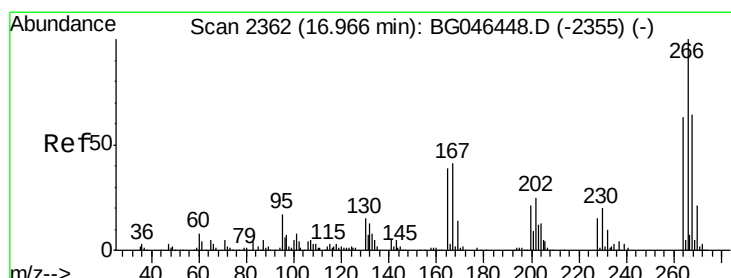
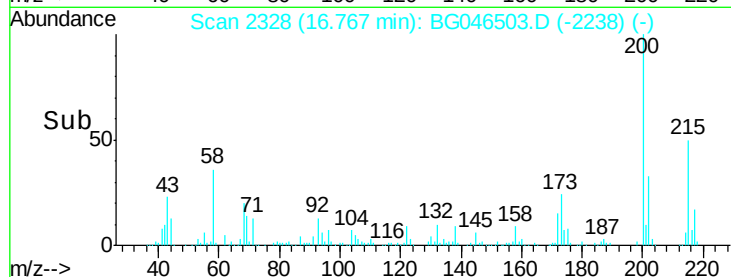
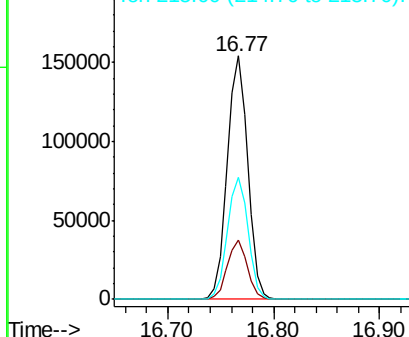
Tot Ion:	200	Resp:	205870
Ion Ratio	Lower	Upper	
200	100		
173	24.3	3.3	43.3
215	50.2	30.9	70.9

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.774 ng

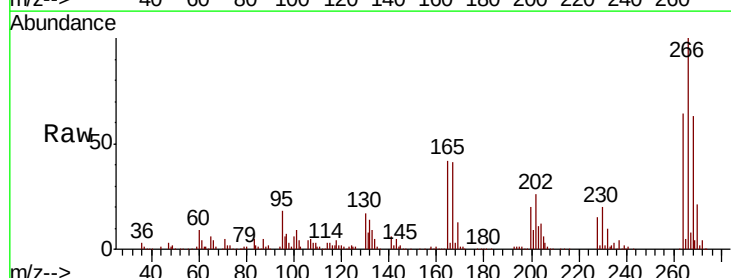
RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

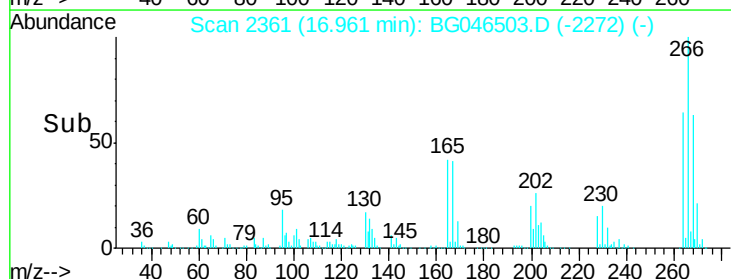
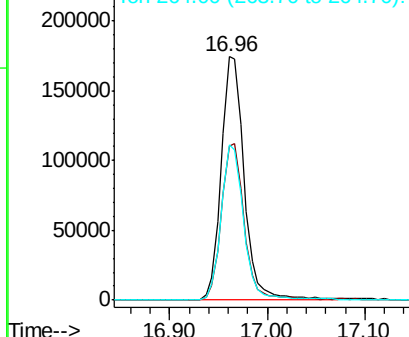
Lab File: BG046503.D

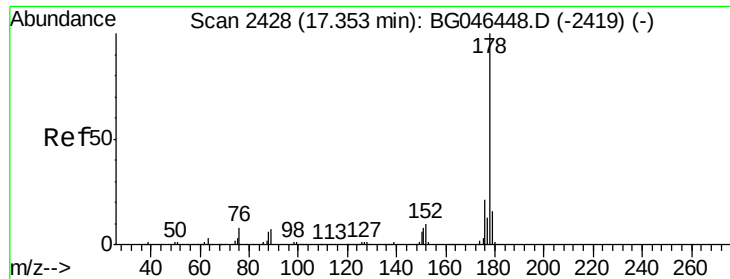
Acq: 2 Sep 2020 14:38

Tgt Ion:	266	Resp:	285932
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.1	76.7
264	63.8	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





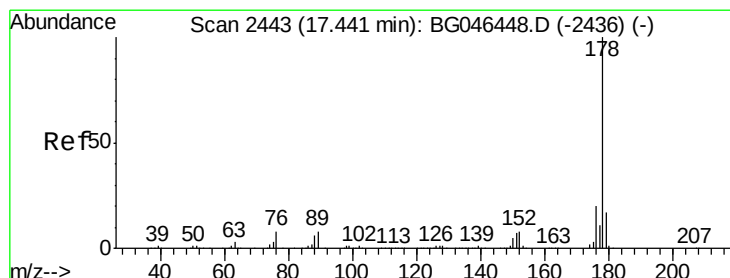
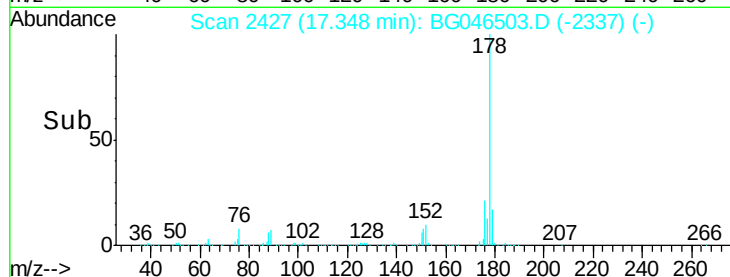
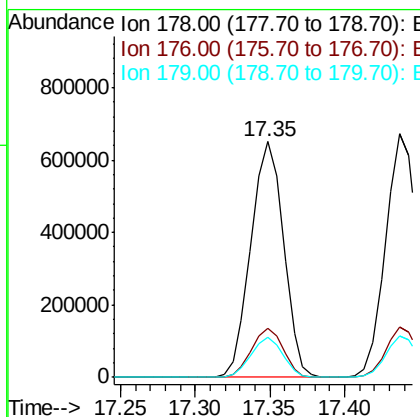
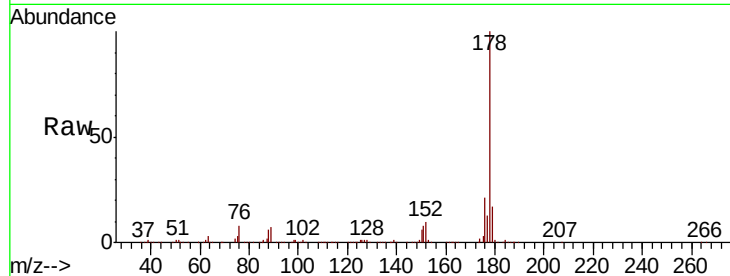
#71
Phenanthrene
Concen: 39.997 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	16.9	13.2	19.8

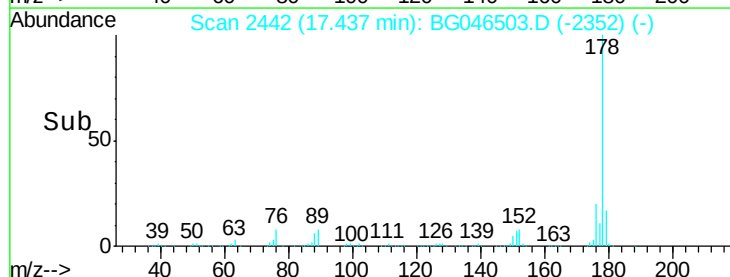
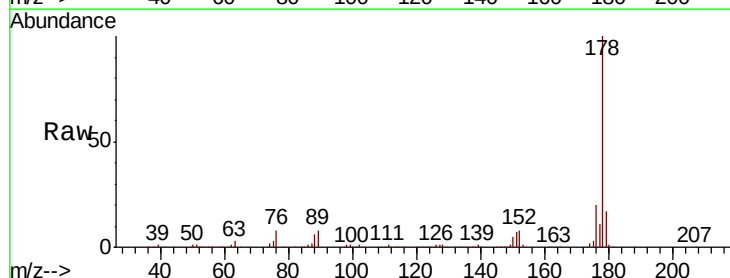
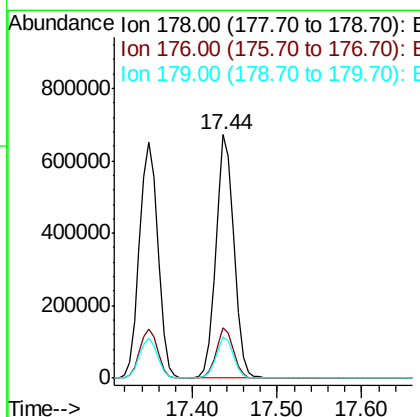
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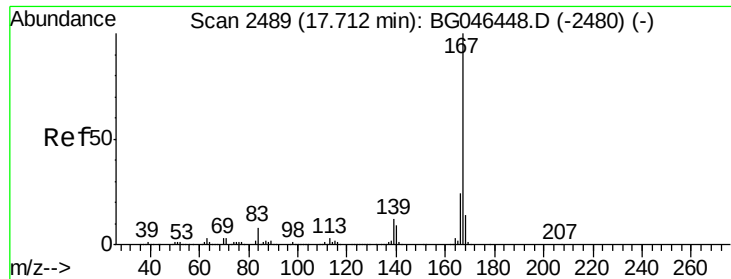
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#72
Anthracene
Concen: 41.570 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.9	13.3	19.9





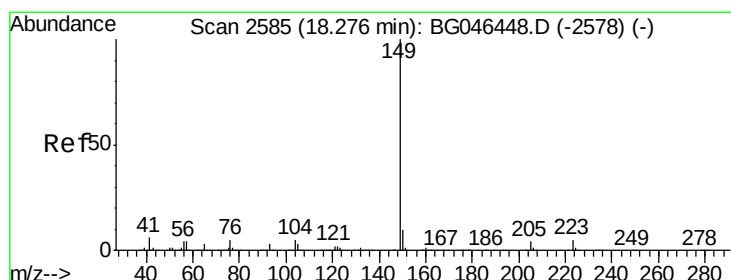
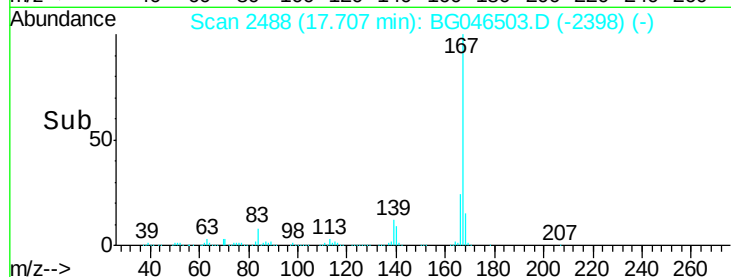
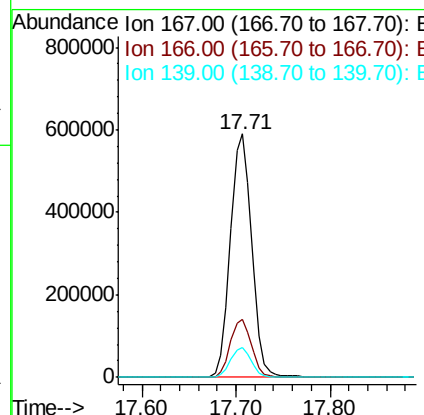
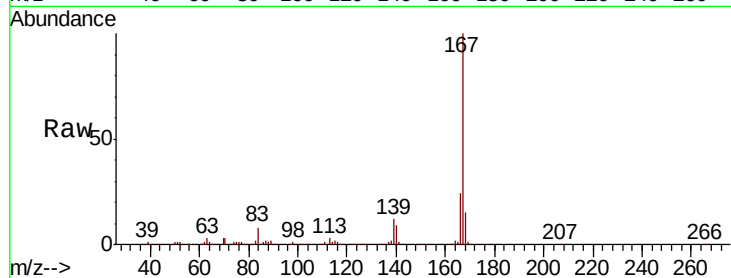
#73
 Carbazole
 Concen: 40.459 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.3	28.9
139	12.1	9.7	14.5

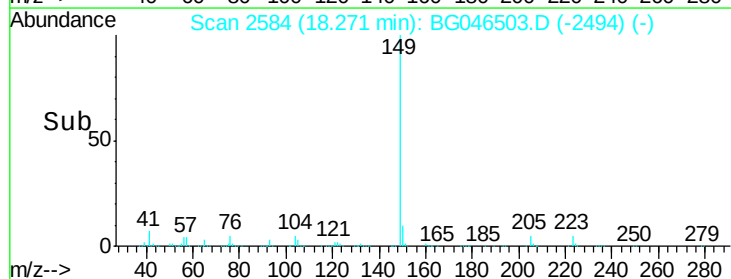
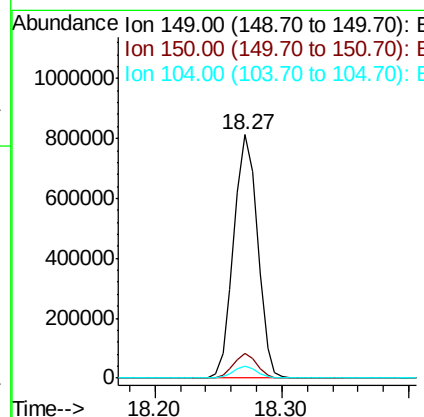
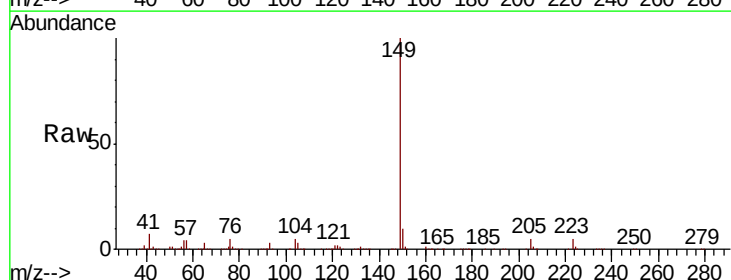
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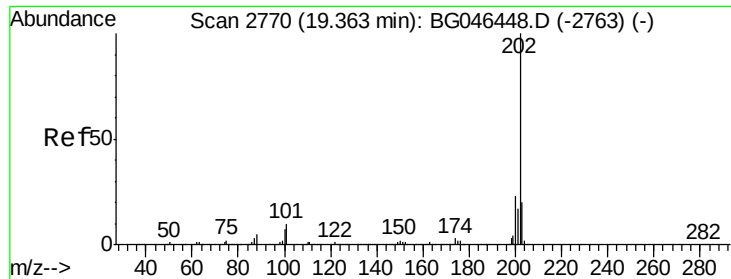
mohammad
 9/3/2020 1:47:39 PM



#74
 Di-n-butylphthalate
 Concen: 39.887 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.644 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

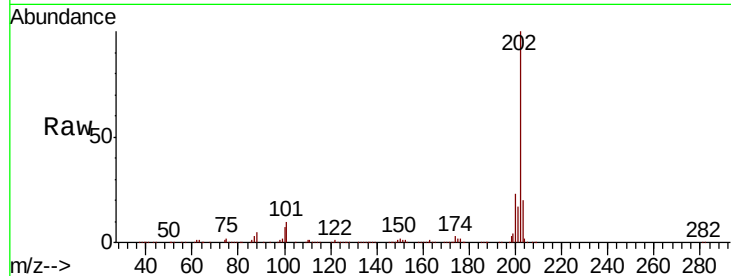
ClientSampleId :

PB131362BS

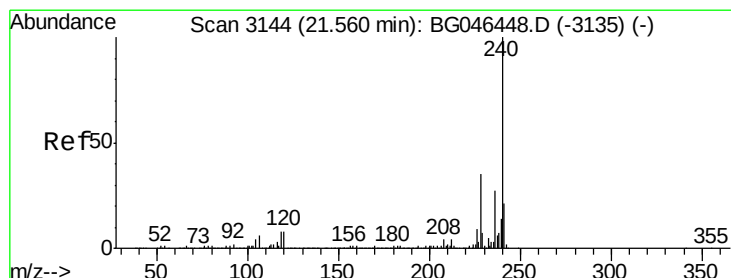
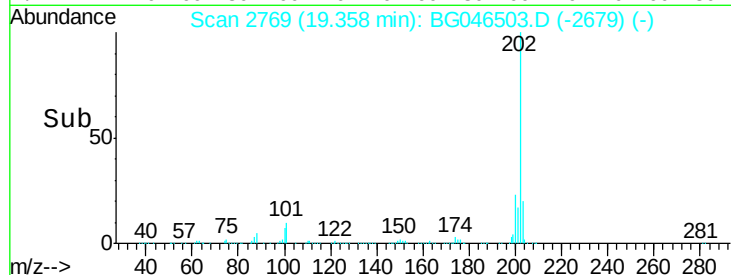
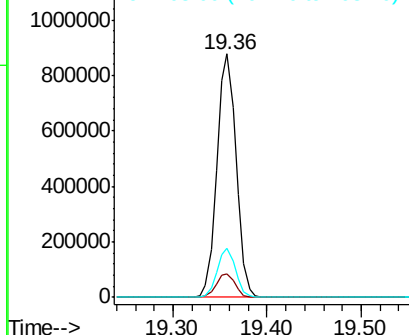
Tot Ion:	202	Resp:	1262214
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.9
203	20.1	0.0	40.0

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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

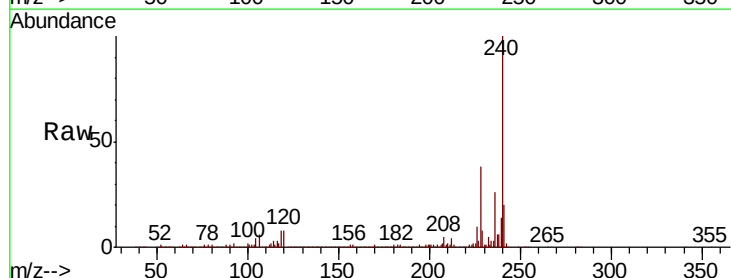
RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

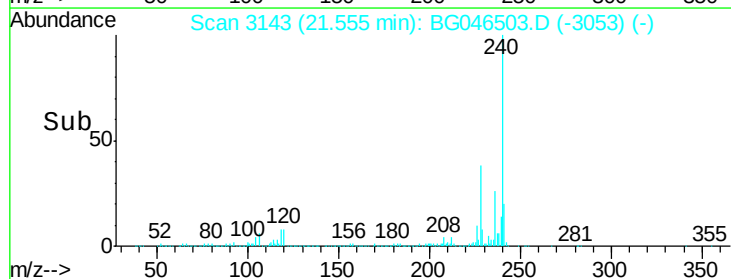
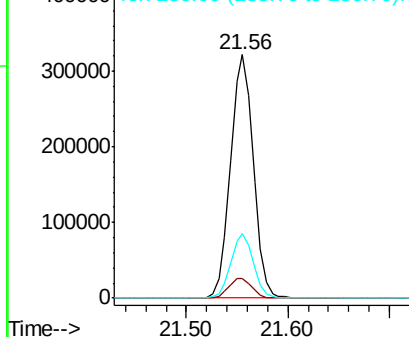
Lab File: BG046503.D

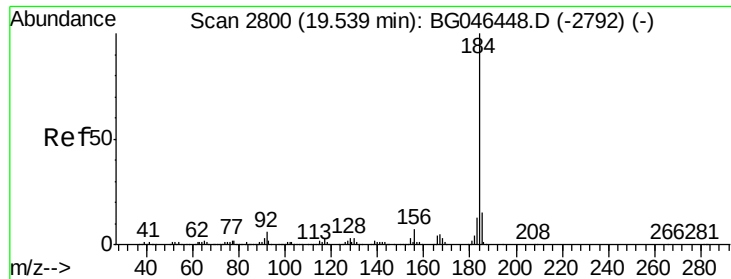
Acq: 2 Sep 2020 14:38

Tgt Ion:	240	Resp:	502998
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.6	10.0
236	26.5	21.4	32.2



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: 59.435 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

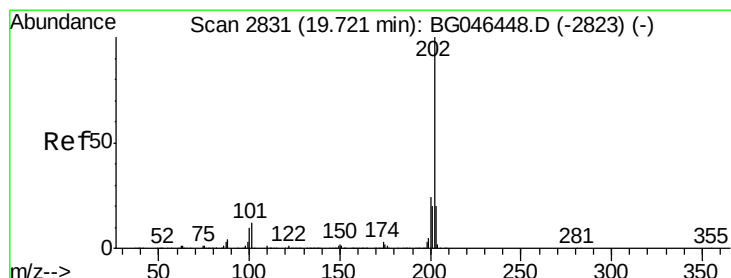
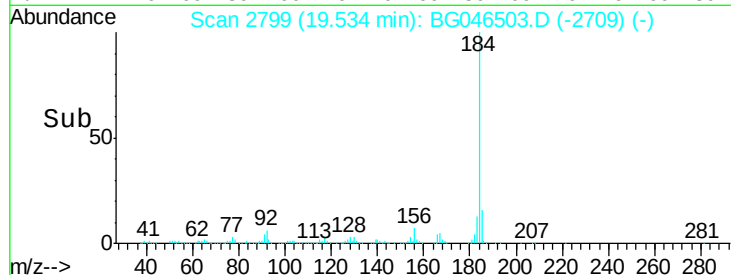
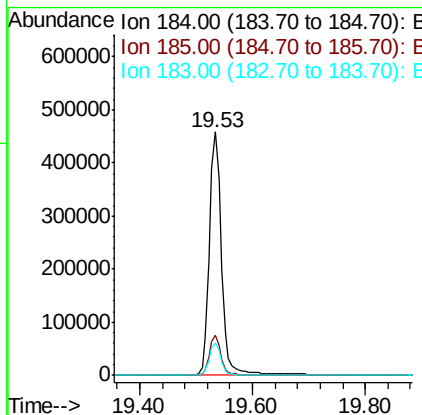
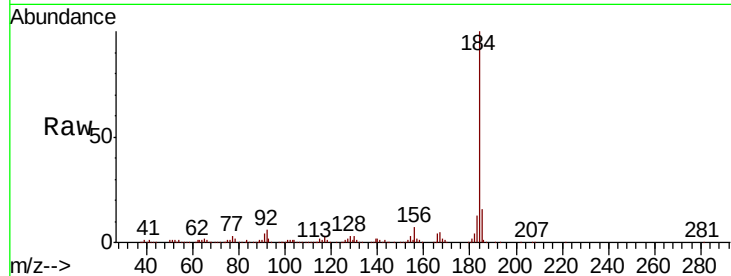
ClientSampleId :

PB131362BS

Tot Ion:	184	Resp:	694681
Ion Ratio	Lower	Upper	
184	100		
185	16.2	11.8	17.8
183	13.2	10.7	16.1

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#78

Pyrene

Concen: 39.676 ng

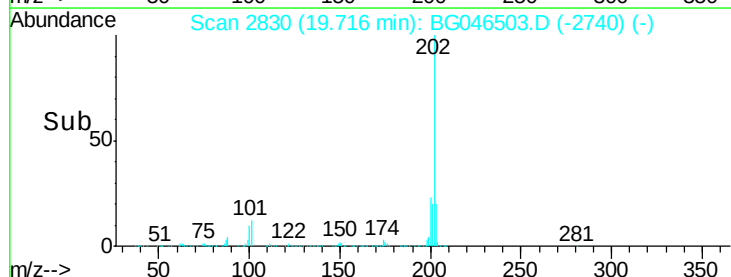
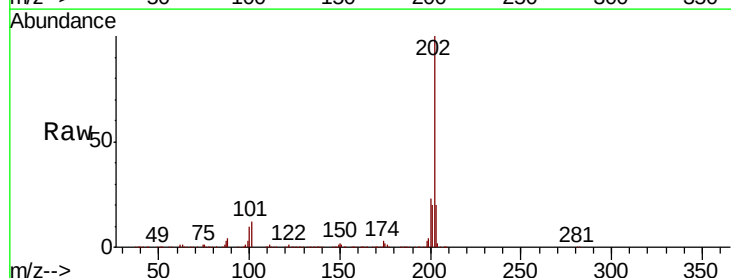
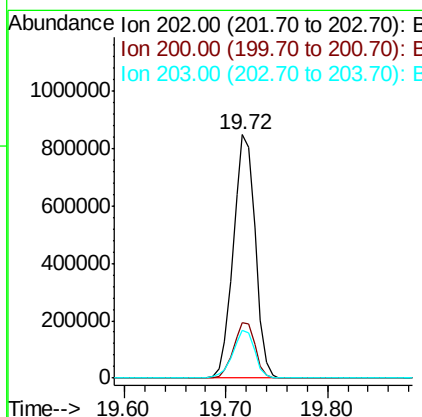
RT: 19.72 min Scan# 2830

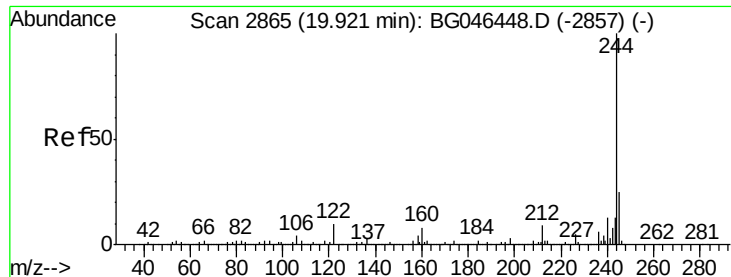
Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Tgt Ion:	202	Resp:	1270824
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.9	28.3
203	19.8	16.1	24.1





#79

Terphenyl-d14

Concen: 65.995 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

Instrument :

BNA_G

ClientSampleId :

PB131362BS

Tot Ion:244 Resp: 1559808

Ion Ratio Lower Upper

244 100

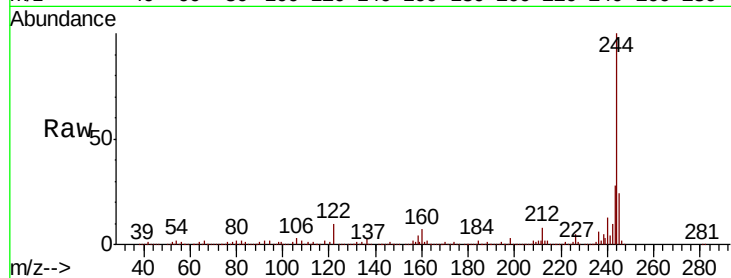
212 8.4 6.9 10.3

122 9.7 8.2 12.4

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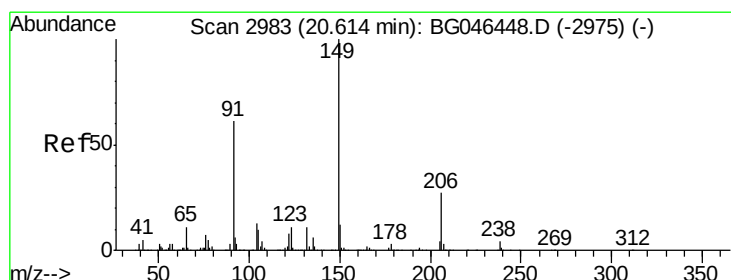
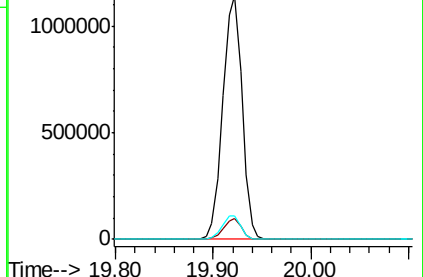
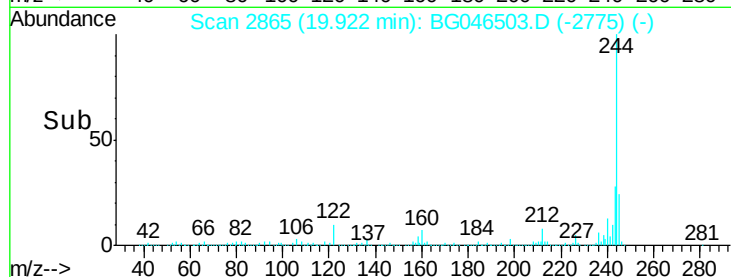
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.813 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046503.D

Acq: 2 Sep 2020 14:38

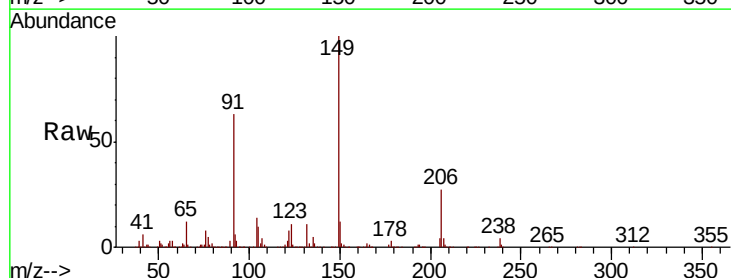
Tgt Ion:149 Resp: 497410

Ion Ratio Lower Upper

149 100

91 62.6 49.1 73.7

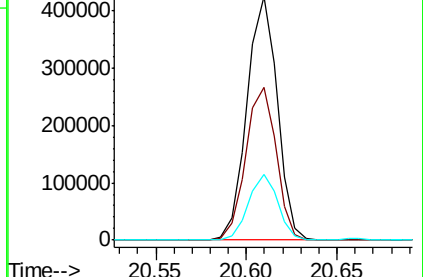
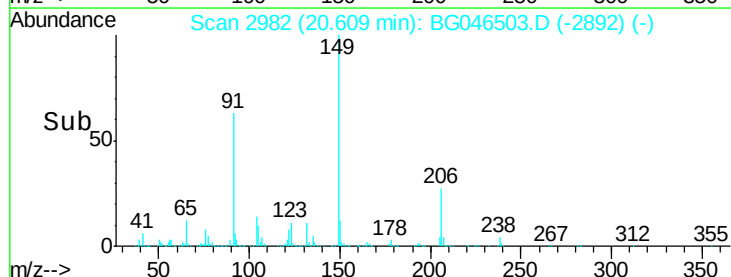
206 27.2 21.9 32.9

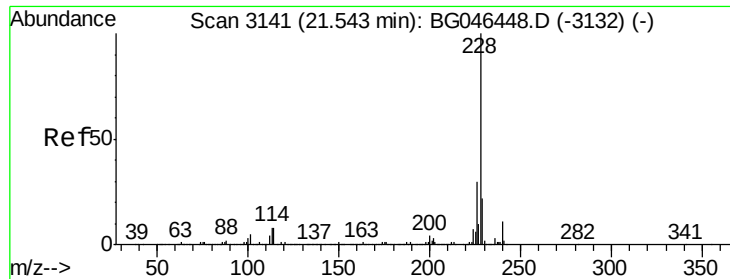


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





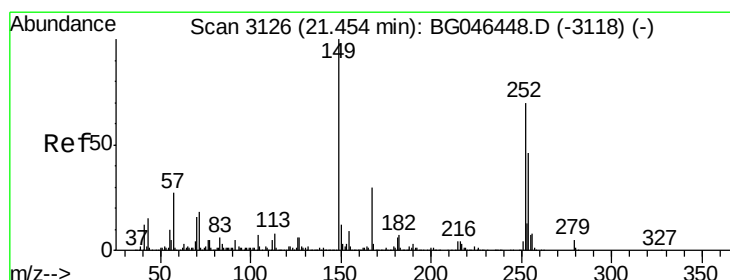
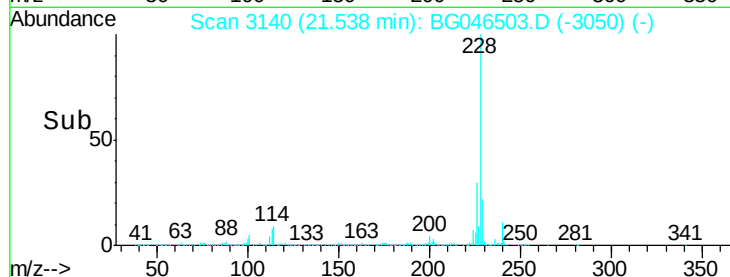
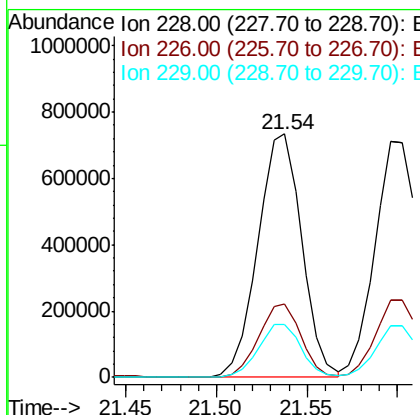
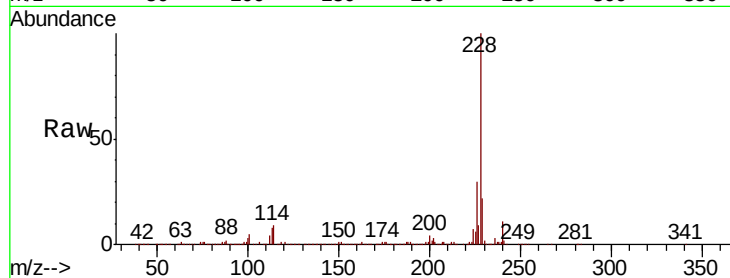
#81
Benzo(a)anthracene
Concen: 39.341 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.8	17.4	26.2

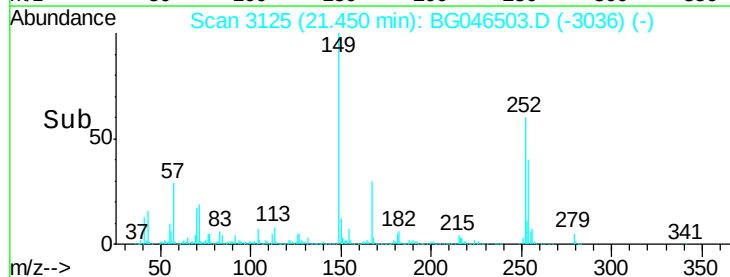
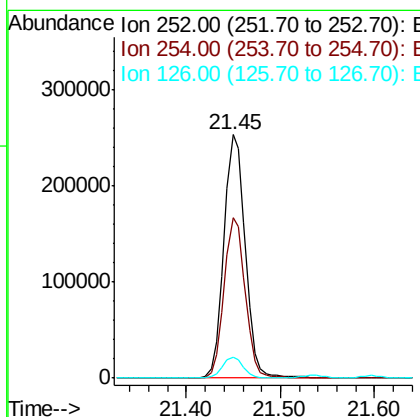
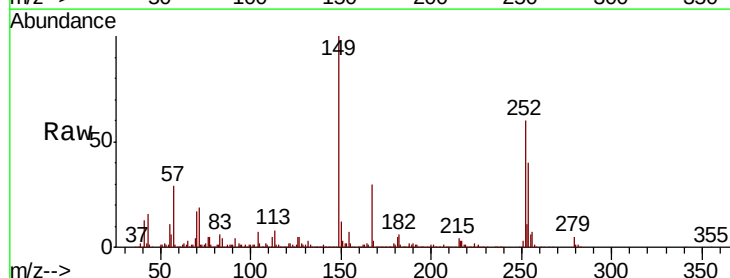
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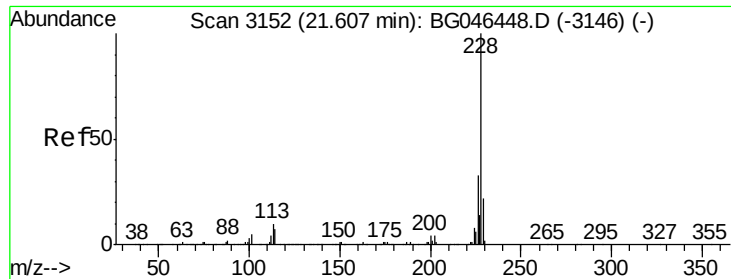
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.476 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.9	77.9
126	8.5	7.4	11.0





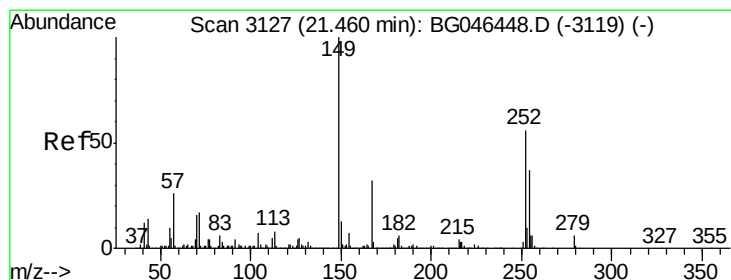
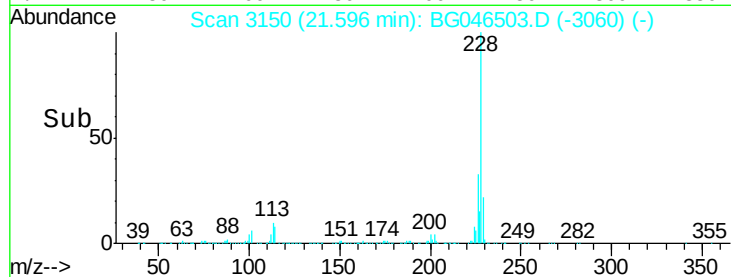
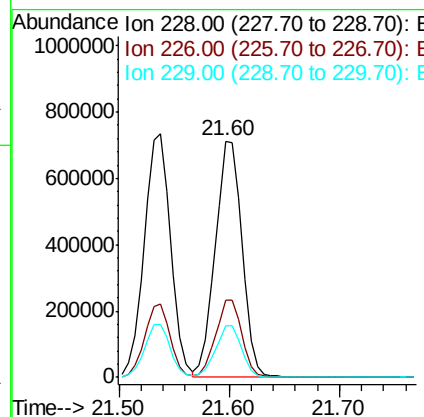
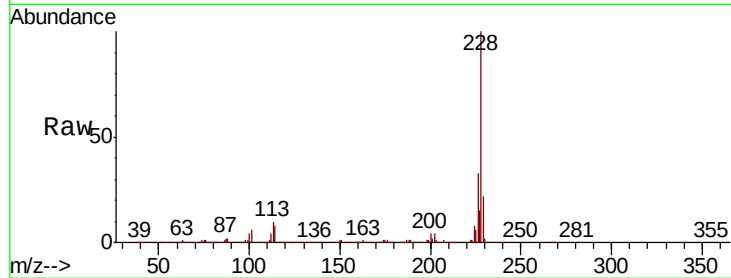
#83
 Chrvsene
 Concen: 39.454 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	22.1	17.9	26.9

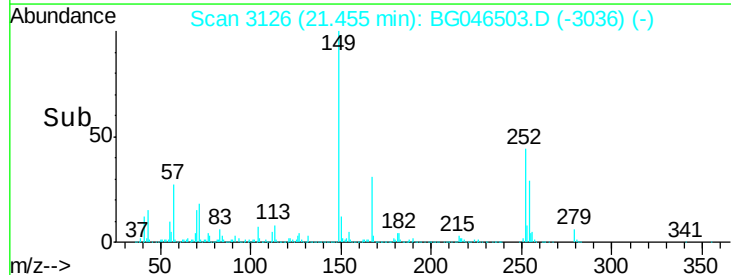
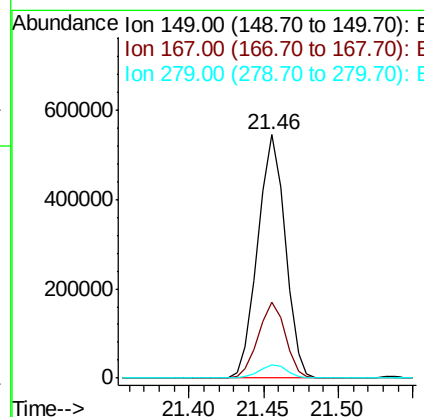
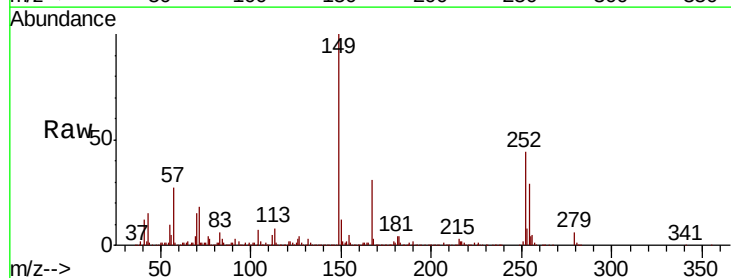
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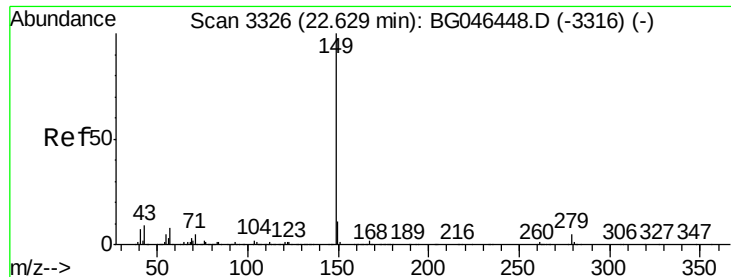
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.551 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	5.5	4.5	6.7





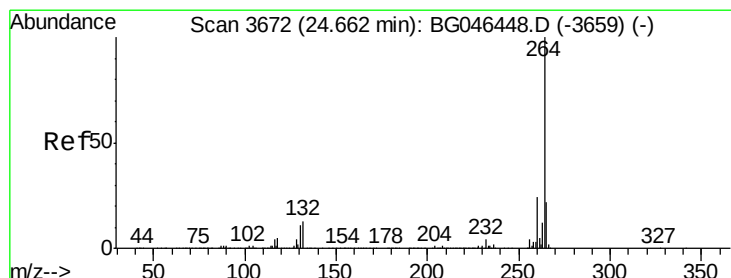
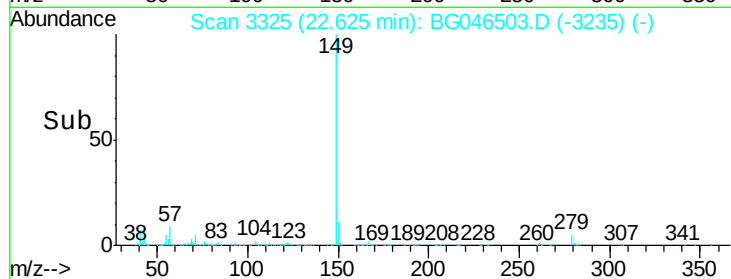
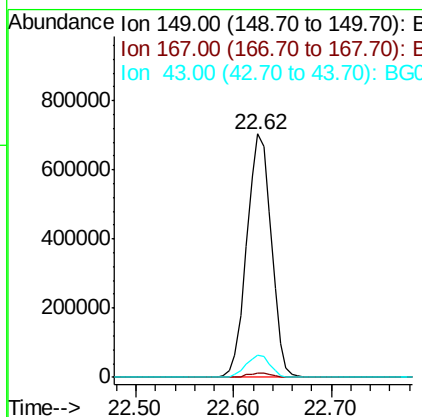
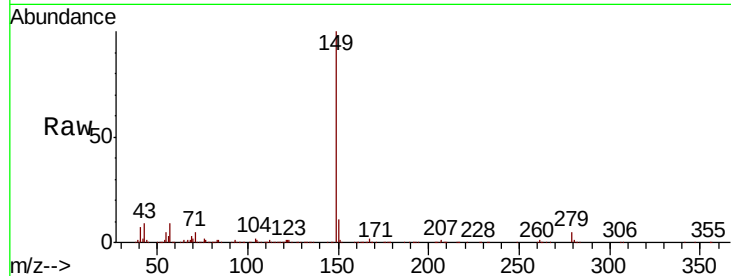
#85
Di-n-octyl phthalate
Concen: 41.954 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	8.8	7.0	10.4

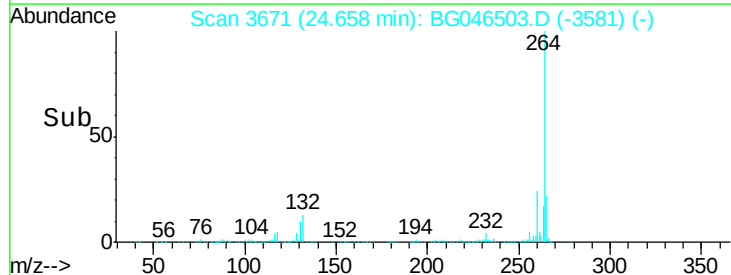
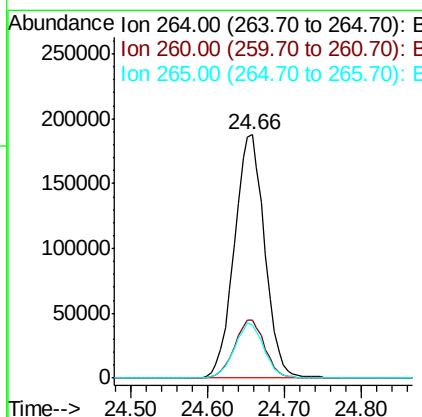
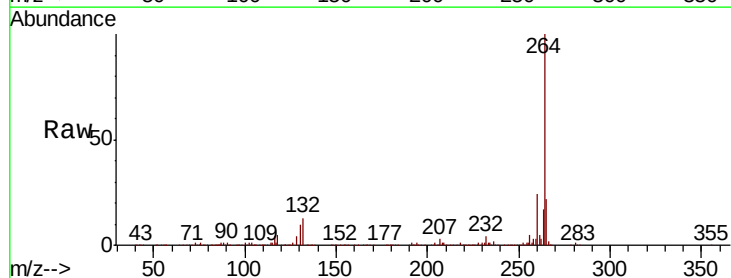
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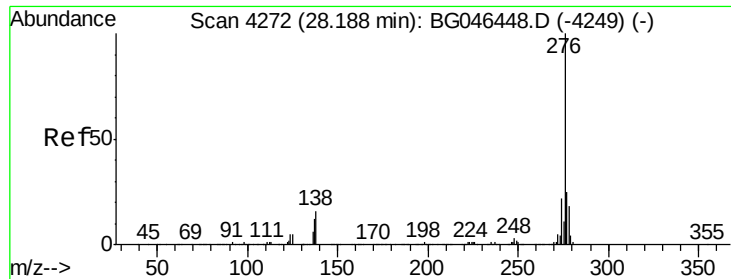
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.9	26.9





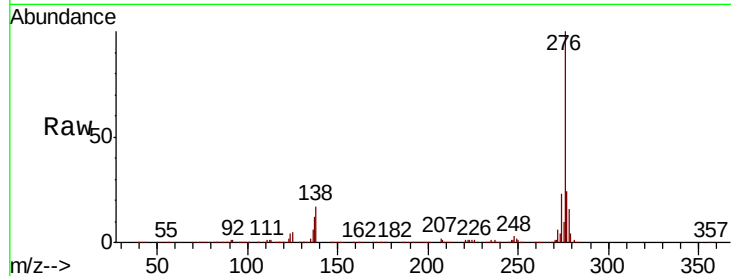
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.814 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BS

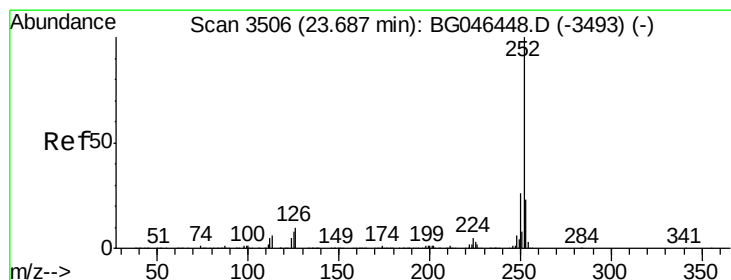
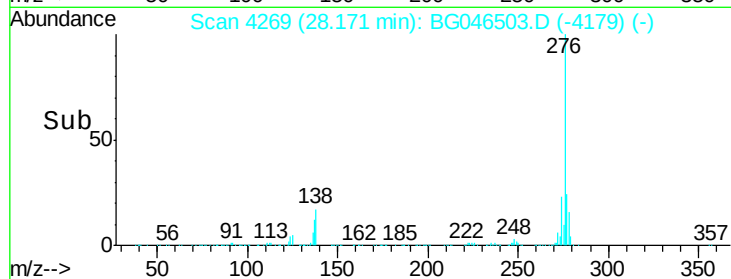
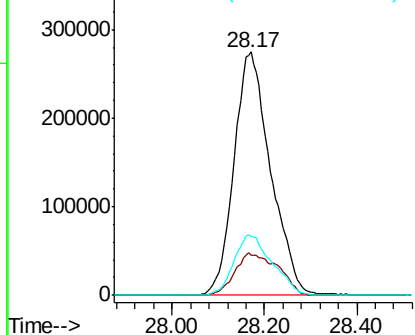
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	26.0	20.7	31.1

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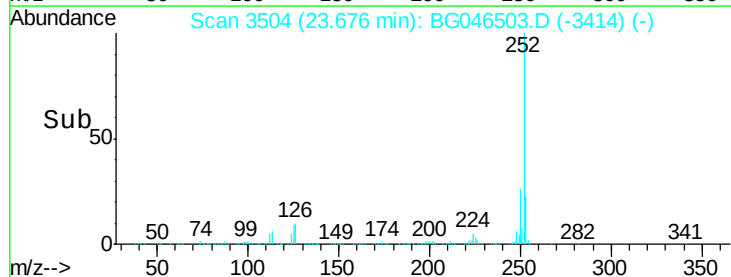
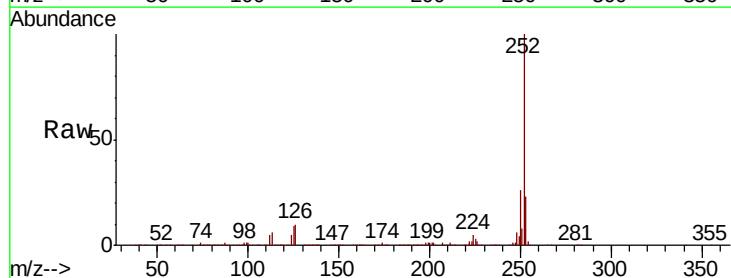
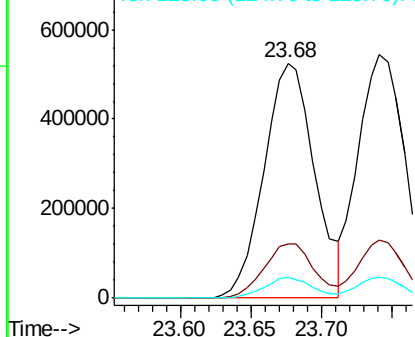
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

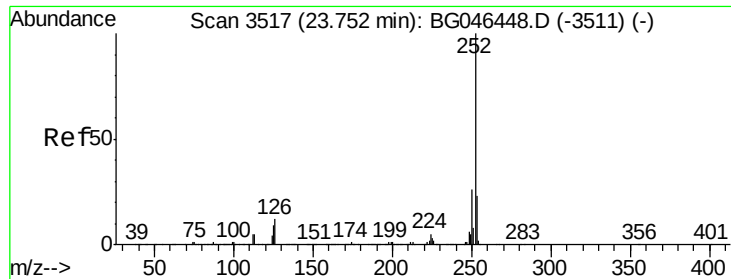


#88
 Benzo(b)fluoranthene
 Concen: 40.758 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046503.D
 Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	8.8	6.2	9.2

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





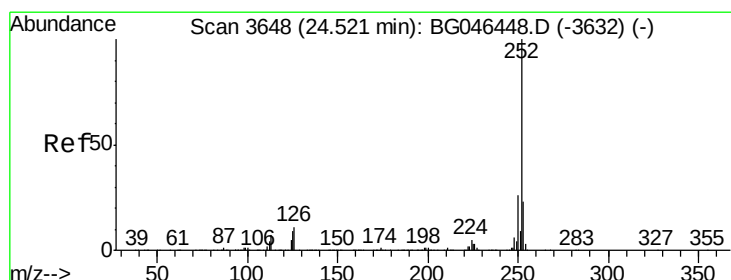
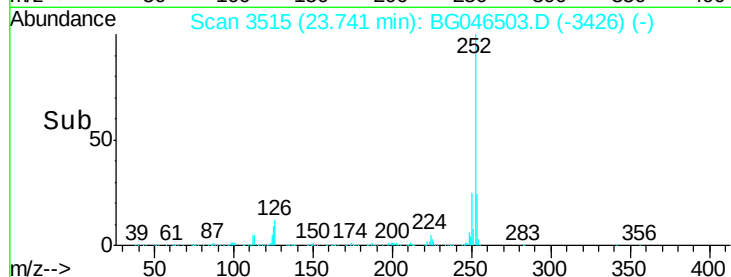
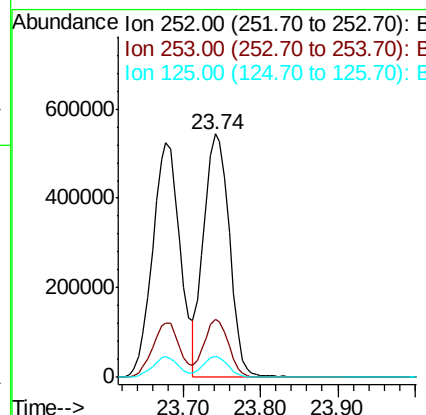
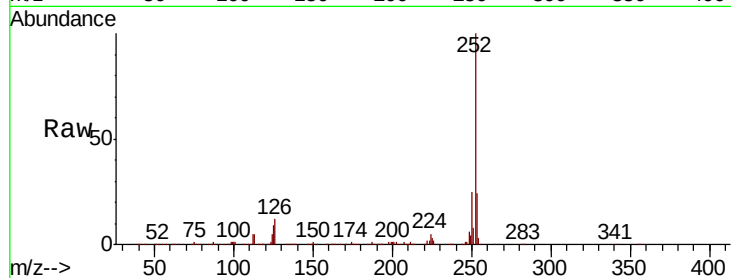
#89
Benzo(k)fluoranthene
Concen: 40.107 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion:252 Resp: 1251906
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 8.7 6.8 10.2

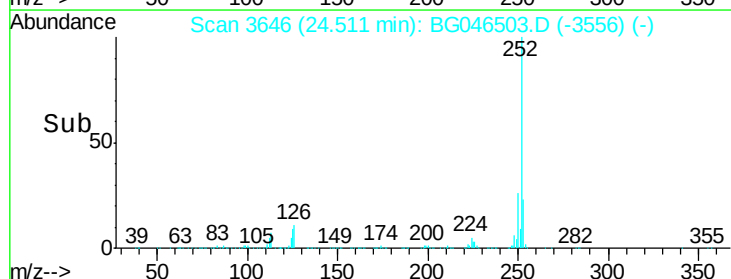
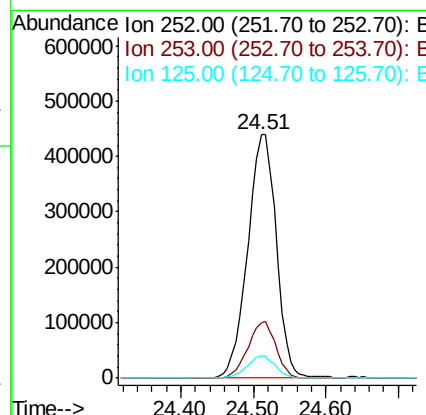
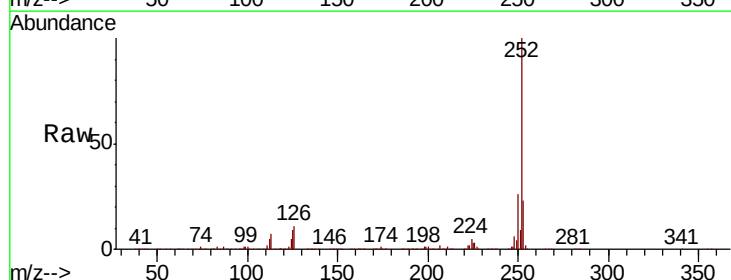
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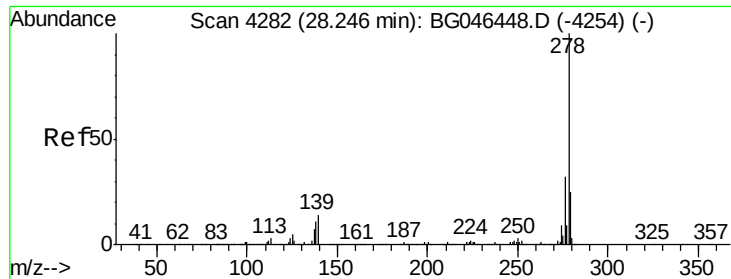
mohammad
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#90
Benzo(a)pyrene
Concen: 39.984 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion:252 Resp: 1205145
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 9.3 7.4 11.0





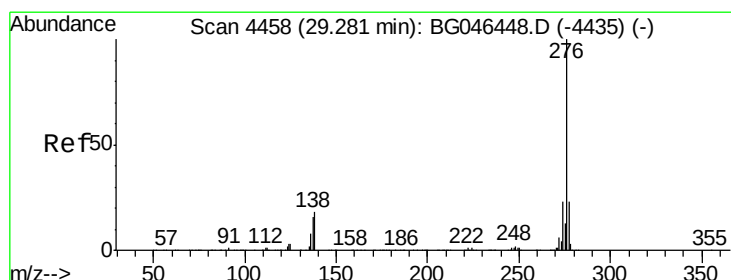
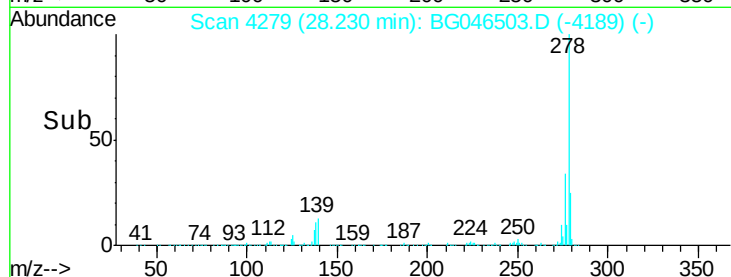
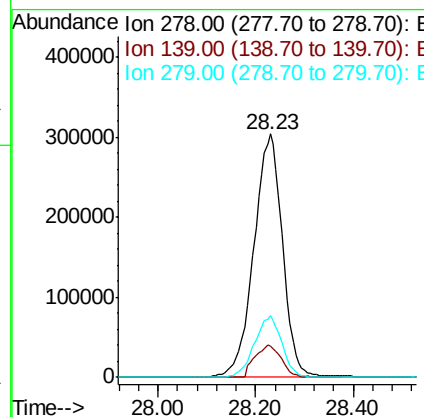
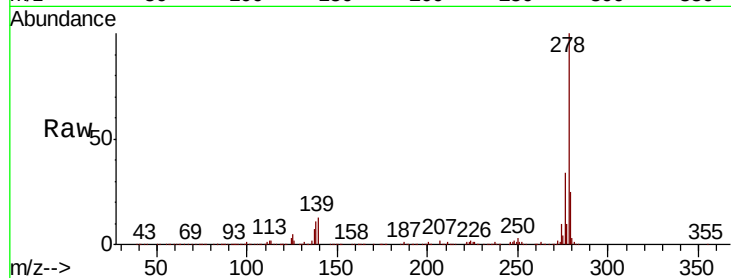
#91
Dibenzo(a,h)anthracene
Concen: 41.558 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Instrument :
BNA_G
ClientSampleId :
PB131362BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.2	16.8
279	25.3	19.8	29.8

Manual Integrations
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9/3/2020 1:47:39 PM



#92
Benzo(g,h,i)perylene
Concen: 42.598 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.00 min
Lab File: BG046503.D
Acq: 2 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	17.6	14.7	22.1

