

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046590.D
 Acq On : 10 Sep 2020 20:32
 Operator : CG/JU
 Sample : L3870-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Manual Integrations
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mohammad
 9/11/2020 11:47:53 AM

Quant Time: Sep 11 01:24:13 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	74979	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	297333	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	206117	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	467314	20.00	ng	0.00
76) Chrysene-d12	21.55	240	463953	20.00	ng	0.00
86) Perylene-d12	24.64	264	477741	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	498002	117.64	ng	0.00
7) Phenol-d6	7.11	99	609186	101.51	ng	0.00
23) Nitrobenzene-d5	9.09	82	454723	87.41	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	308952	110.63	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1109650	82.18	ng	0.00
79) Terphenyl-d14	19.91	244	1705949	78.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	68545	38.920	ng	# 46
3) Pyridine	3.83	79	197517	38.331	ng	99
4) n-Nitrosodimethylamine	3.73	42	89656	47.175	ng	98
6) Aniline	7.25	93	180074	26.666	ng	98
8) 2-Chlorophenol	7.50	128	233375	52.160	ng	99
9) Benzaldehyde	7.06	77	101926	30.315	ng	95
10) Phenol	7.14	94	252987	45.770	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	219153	49.327	ng	98
12) 1,3-Dichlorobenzene	7.82	146	253749	44.670	ng	99
13) 1,4-Dichlorobenzene	7.96	146	254899	44.822	ng	99
14) 1,2-Dichlorobenzene	8.28	146	248182	45.514	ng	99
15) Benzyl Alcohol	8.17	79	205585	53.360	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	328380	47.650	ng	100
17) 2-Methylphenol	8.38	107	197650	50.422	ng	97
18) Hexachloroethane	9.01	117	87061	45.151	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	179456	49.993	ng	99
20) 3+4-Methylphenols	8.70	107	270335	49.964	ng	99
22) Acetophenone	8.75	105	340514	47.047	ng	# 98
24) Nitrobenzene	9.13	77	253090	49.244	ng	97
25) Isophorone	9.65	82	489550	51.328	ng	100
26) 2-Nitrophenol	9.84	139	137640	50.759	ng	95
27) 2,4-Dimethylphenol	9.90	122	220177	59.036	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	302657	49.302	ng	99
29) 2,4-Dichlorophenol	10.38	162	255239	51.337	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	268655	45.542	ng	99
31) Naphthalene	10.77	128	701265	48.304	ng	99
32) Benzoic acid	10.04	122	10314m	8.797	ng	
33) 4-Chloroaniline	10.89	127	39575	6.182	ng	98
34) Hexachlorobutadiene	11.07	225	170756	44.591	ng	97
35) Caprolactam	11.66	113	67351m	36.240	ng	
36) 4-Chloro-3-methylphenol	12.02	107	250821	51.580	ng	94
37) 2-Methylnaphthalene	12.38	142	550171	48.051	ng	99
38) 1-Methylnaphthalene	12.60	142	522041	48.134	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	327983	48.254	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	309040	104.565	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	223170	48.655	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	242198	50.257	ng	99
46) 1,1'-Biphenyl	13.39	154	718982	50.137	ng	99
47) 2-Chloronaphthalene	13.43	162	564425	46.421	ng	99
48) 2-Nitroaniline	13.63	65	153426	45.443	ng	99
49) Acenaphthylene	14.28	152	879848	47.704	ng	100
50) Dimethylphthalate	14.02	163	729996	45.779	ng	99
51) 2,6-Dinitrotoluene	14.13	165	167177	47.560	ng	98
52) Acenaphthene	14.63	154	537431	47.022	ng	99
53) 3-Nitroaniline	14.46	138	84467	22.184	ng	96
54) 2,4-Dinitrophenol	14.67	184	77146	37.599	ng	96
55) Dibenzofuran	14.96	168	864579	47.136	ng	99
56) 4-Nitrophenol	14.79	139	229276	81.819	ng	96
57) 2,4-Dinitrotoluene	14.92	165	232440	46.376	ng	96
58) Fluorene	15.61	166	723871	47.021	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	221295	47.287	ng	99
60) Diethylphthalate	15.38	149	712456	45.825	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	391737	46.204	ng	96
62) 4-Nitroaniline	15.63	138	158085	39.348	ng	99
63) Azobenzene	15.89	77	605452	47.873	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	89553	33.857	ng	96
66) n-Nitrosodiphenylamine	15.81	169	643202	51.019	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	272139	49.915	ng	99
68) Hexachlorobenzene	16.62	284	283510	46.954	ng	98
69) Atrazine	16.77	200	201880	39.252	ng	99
70) Pentachlorophenol	16.96	266	267391	84.758	ng	100
71) Phenanthrene	17.34	178	1145631	48.366	ng	99
72) Anthracene	17.44	178	1164510	49.829	ng	98
73) Carbazole	17.71	167	1056140	47.865	ng	99
74) Di-n-butylphthalate	18.27	149	1202716	47.402	ng	99
75) Fluoranthene	19.36	202	1416703	46.476	ng	99
77) Benzidine	19.53	184	200311	18.580	ng	97
78) Pyrene	19.71	202	1407493	47.640	ng	99
80) Butylbenzylphthalate	20.60	149	551042	47.817	ng	96
81) Benzo(a)anthracene	21.53	228	1366438	47.252	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	294543	27.446	ng	100
83) Chrysene	21.59	228	1324590	47.618	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	779434	49.562	ng	99
85) Di-n-octyl phthalate	22.62	149	1348792	50.089	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1703960	49.660	ng	100
88) Benzo(b)fluoranthene	23.67	252	1457800	48.869	ng	97
89) Benzo(k)fluoranthene	23.74	252	1431562	49.655	ng	99
90) Benzo(a)pyrene	24.51	252	1329440	47.755	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1394187	50.351	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1401714	50.695	ng	98

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

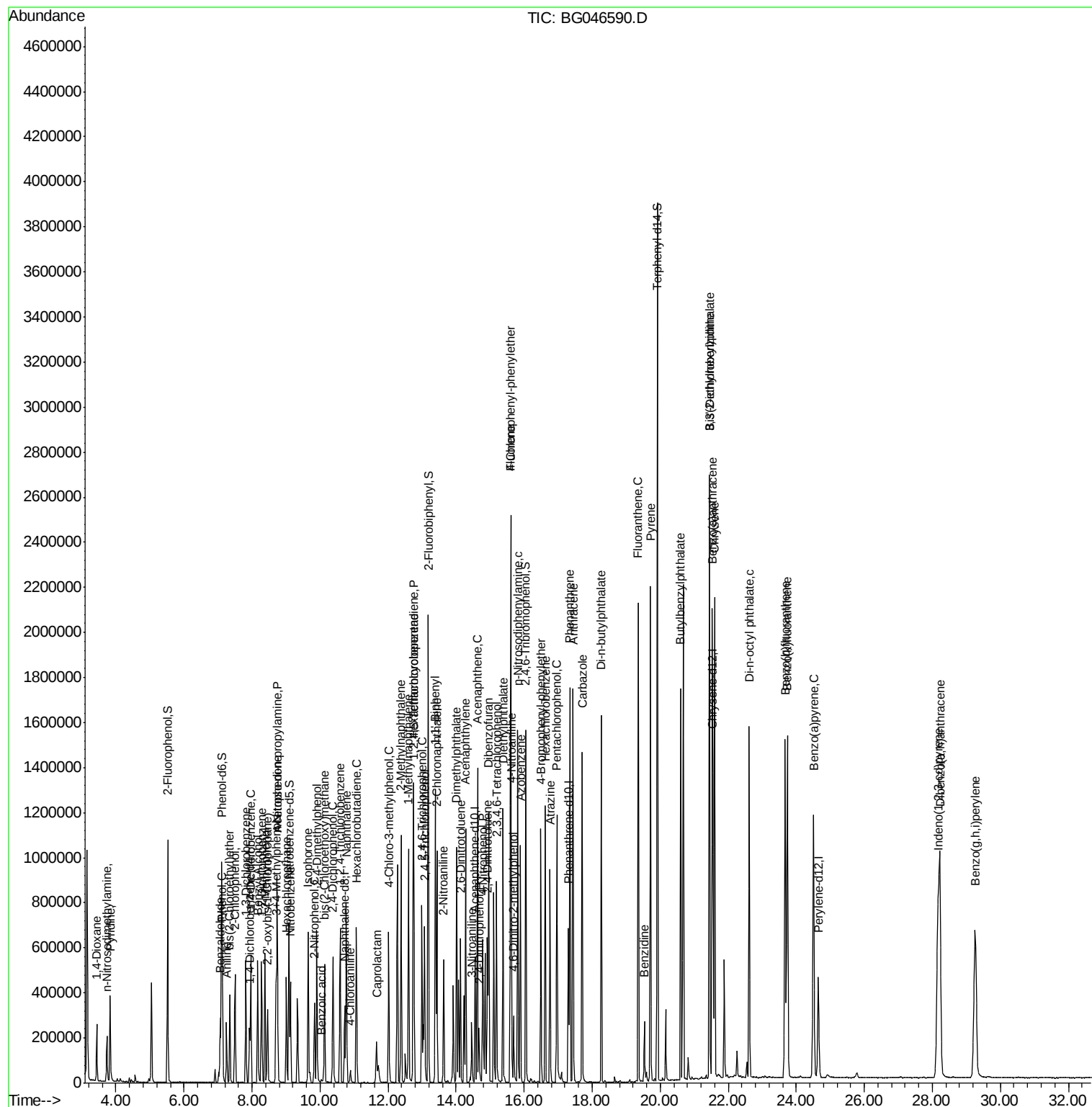
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
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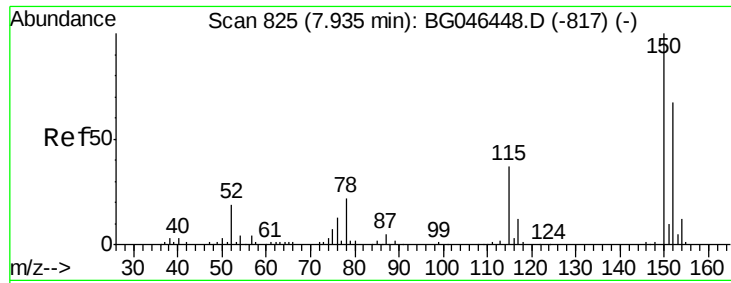
Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

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#1

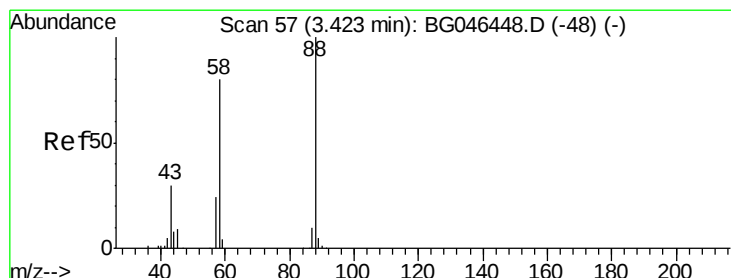
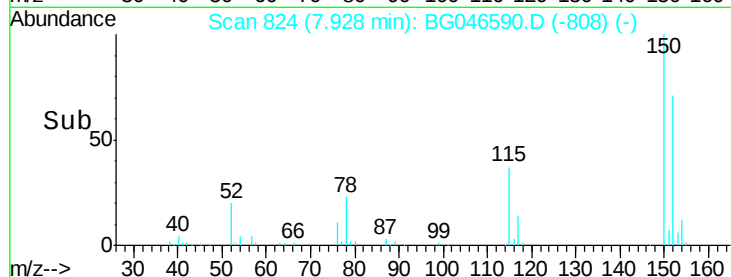
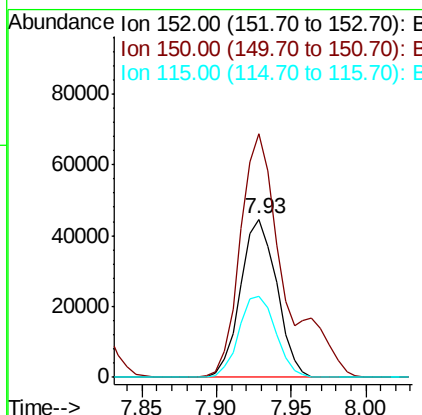
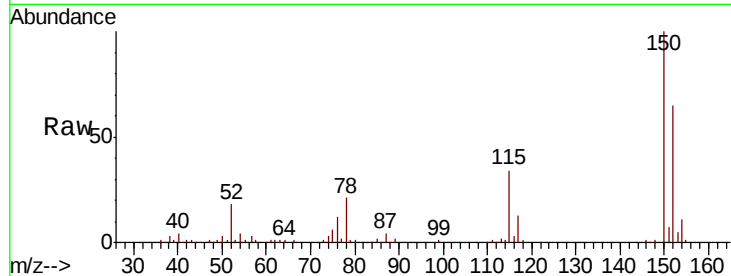
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	51.7	44.3	66.5

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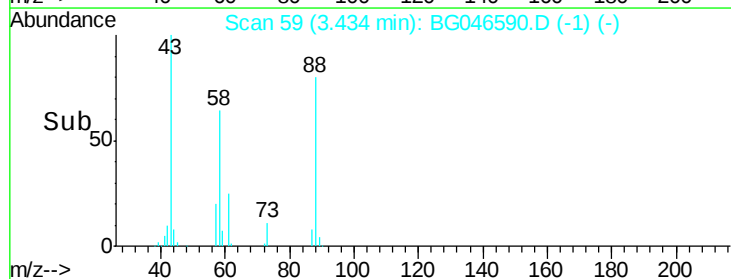
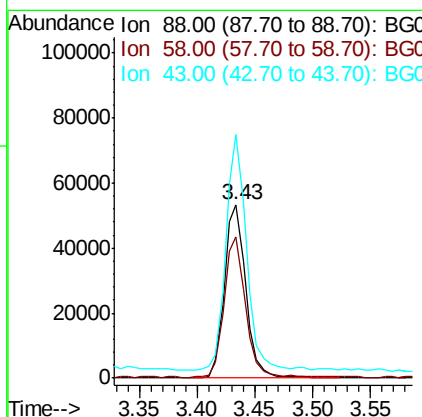
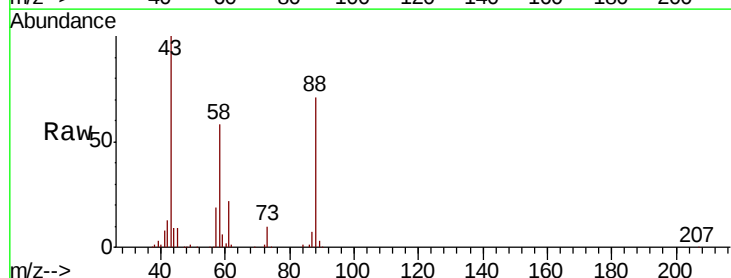
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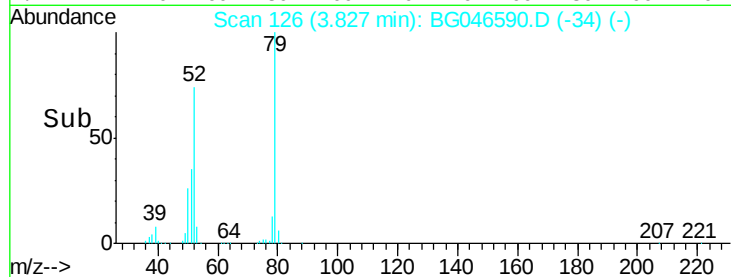
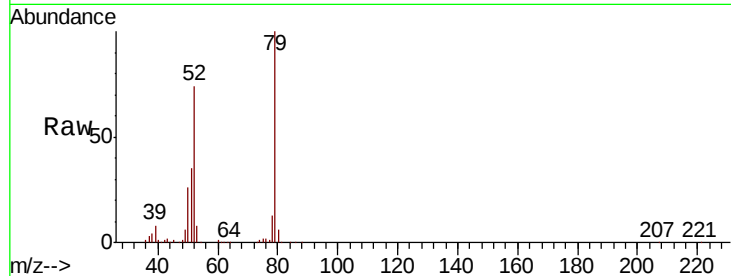
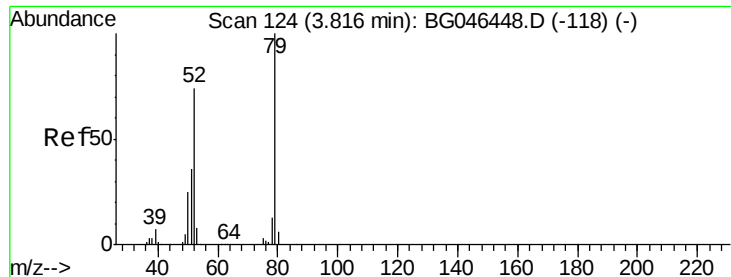


#2

1,4-Dioxane
Concen: 38.920 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	61.4	92.2
43	130.0	21.6	32.4





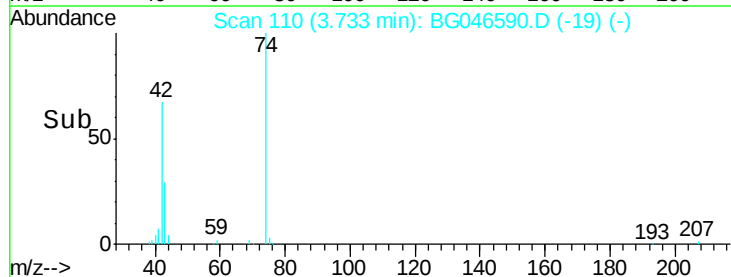
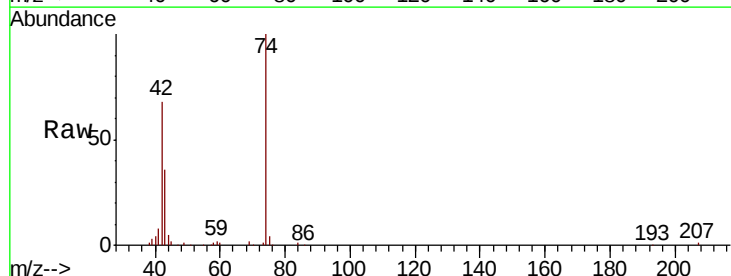
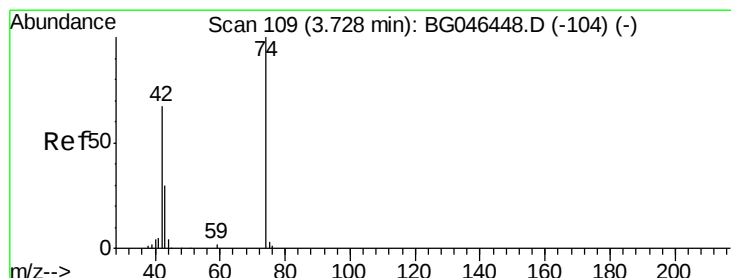
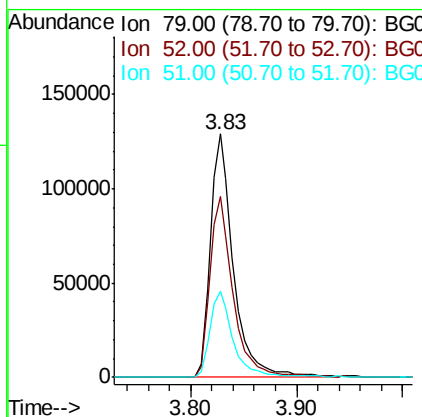
#3
Pvridine
Concen: 38.331 ng
RT: 3.83 min Scan# 126
Delta R.T. 0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100	197517		
52	74.1	59.1	88.7	
51	35.5	29.0	43.6	

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

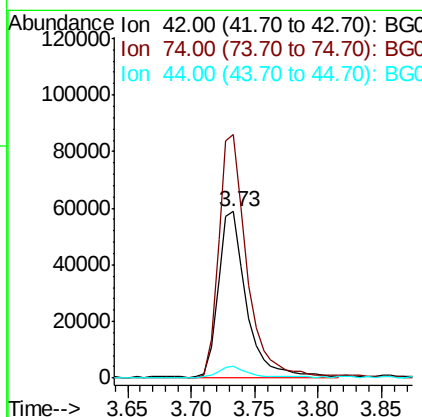
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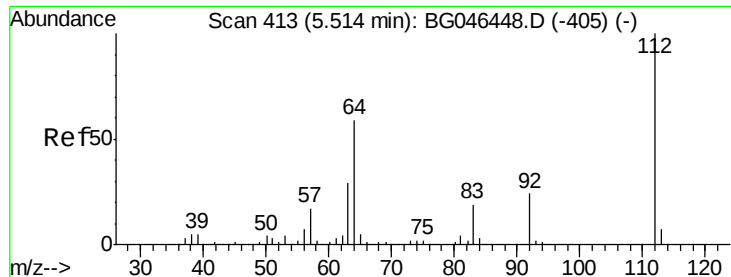
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#4
n-Nitrosodimethylamine
Concen: 47.175 ng
RT: 3.73 min Scan# 110
Delta R.T. 0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	89656		
74	146.4	119.5	179.3	
44	7.0	5.7	8.5	





#5

2-Fluorophenol

Concen: 117.640 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

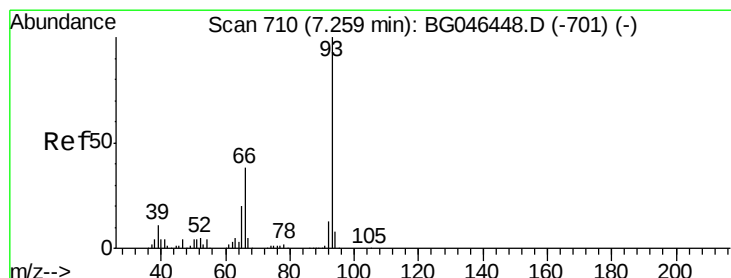
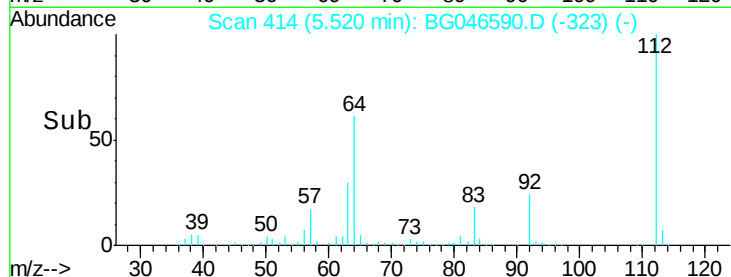
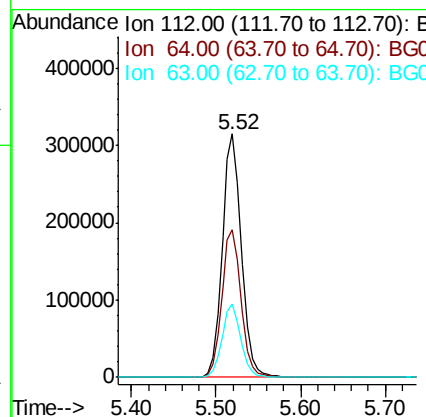
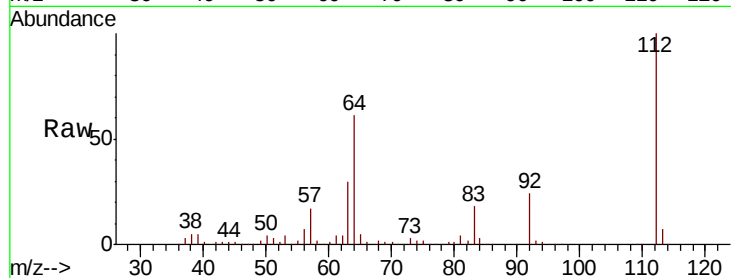
ClientSampleId :

SU-04-090820MS

Tot Ion:	112	Resp:	498002
Ion Ratio	Lower	Upper	
112	100		
64	60.7	47.0	70.6
63	30.3	23.5	35.3

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#6

Aniline

Concen: 26.666 ng

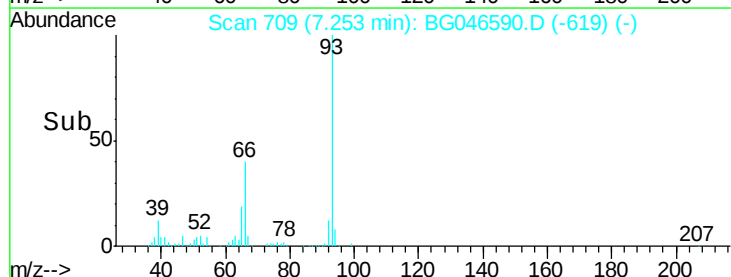
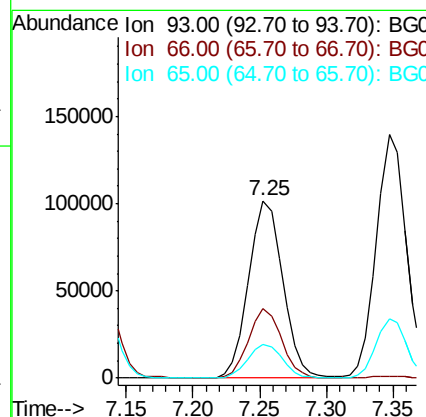
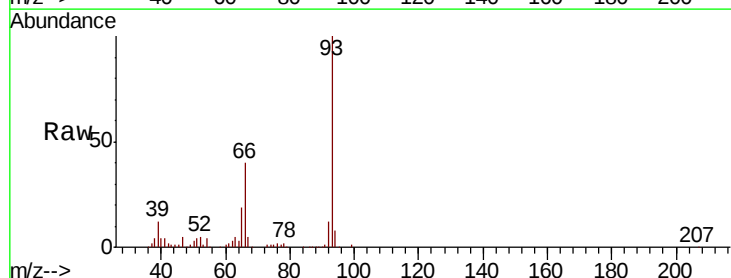
RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Tgt Ion:	93	Resp:	180074
Ion Ratio	Lower	Upper	
93	100		
66	39.6	30.4	45.6
65	18.9	15.8	23.6





#7

Phenol-d6

Concen: 101.512 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

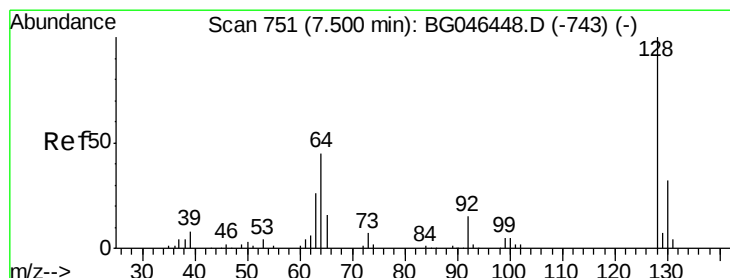
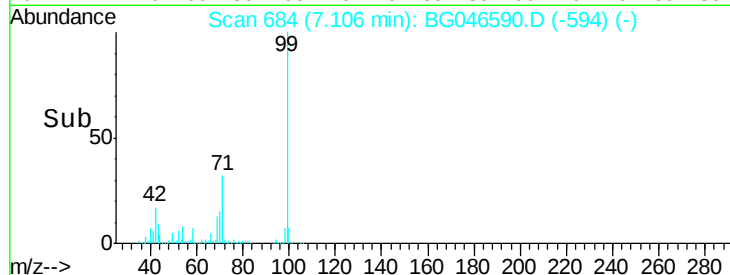
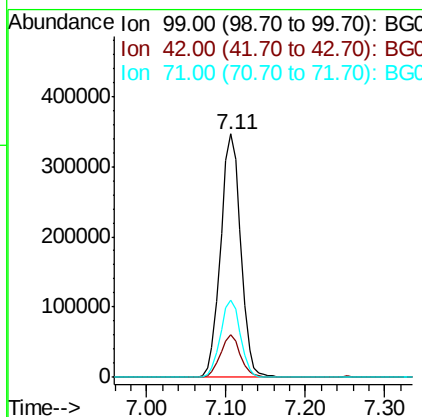
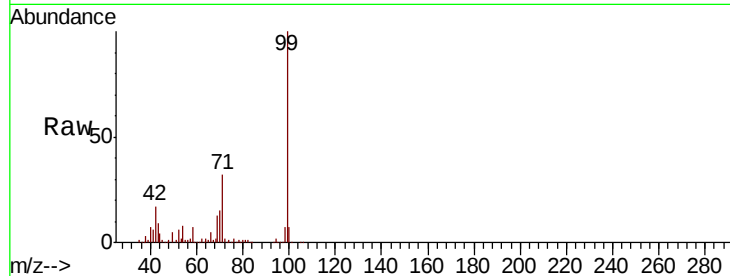
ClientSampleId :

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Tot Ion:	99	Resp:	609186
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.3	19.9
71	32.0	25.3	37.9

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#8

2-Chlorophenol

Concen: 52.160 ng

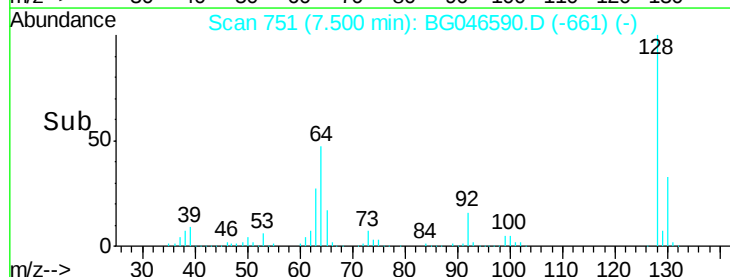
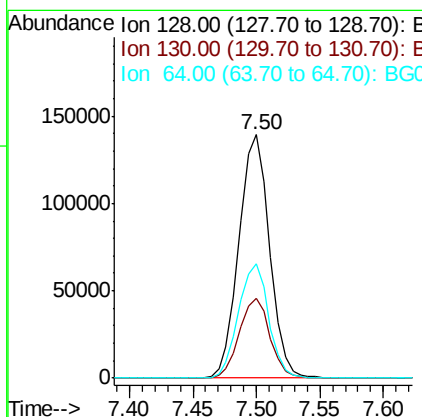
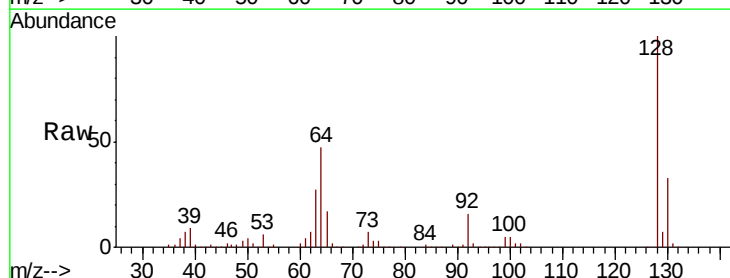
RT: 7.50 min Scan# 751

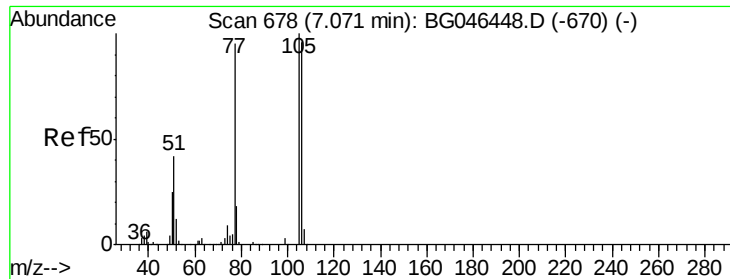
Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Tgt Ion:	128	Resp:	233375
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.4	52.4
64	46.7	28.1	68.1





#9

Benzaldehyde

Concen: 30.315 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

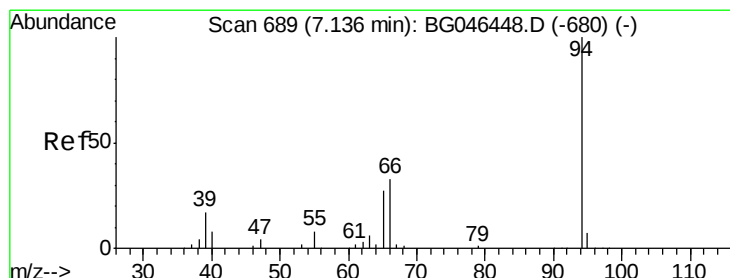
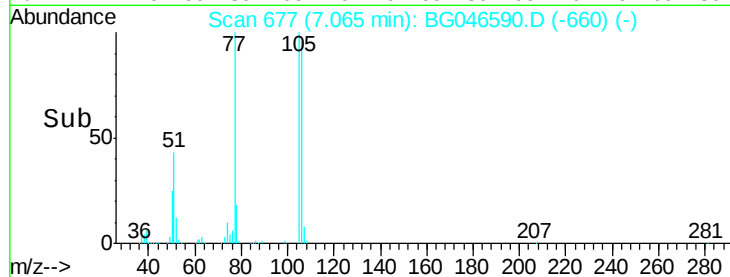
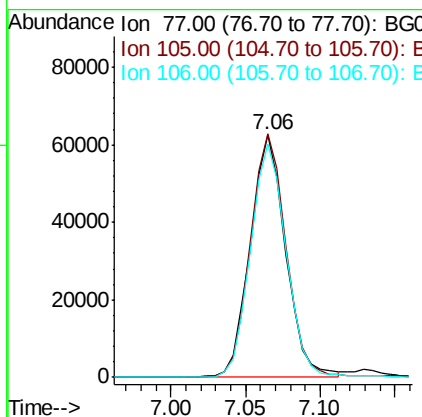
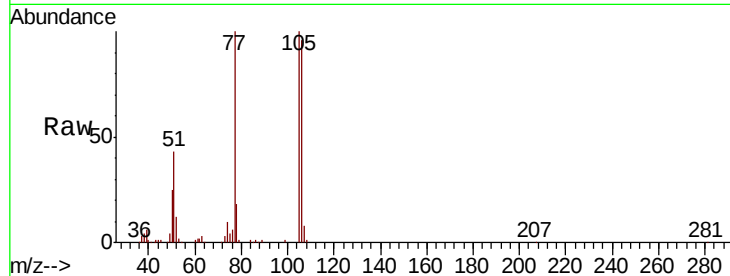
ClientSampleId :

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Tot Ion:	77	Resp:	101926
Ion	Ratio	Lower	Upper
77	100		
105	100.4	85.6	125.6
106	96.0	80.8	120.8

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#10

Phenol

Concen: 45.770 ng

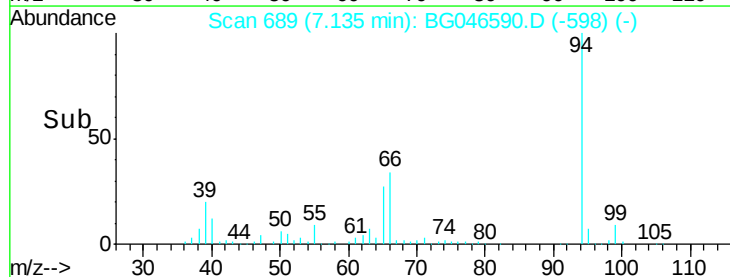
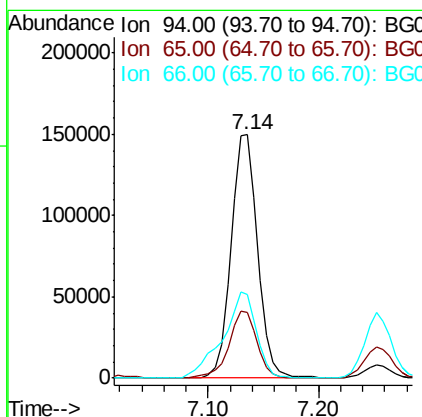
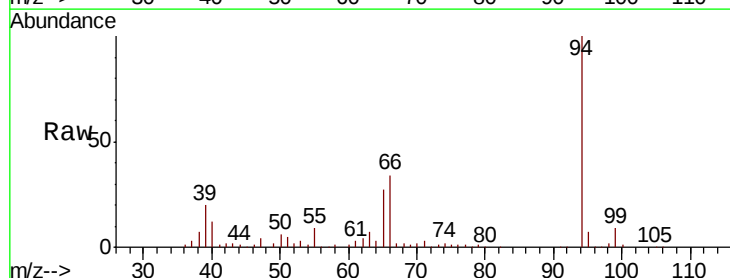
RT: 7.14 min Scan# 689

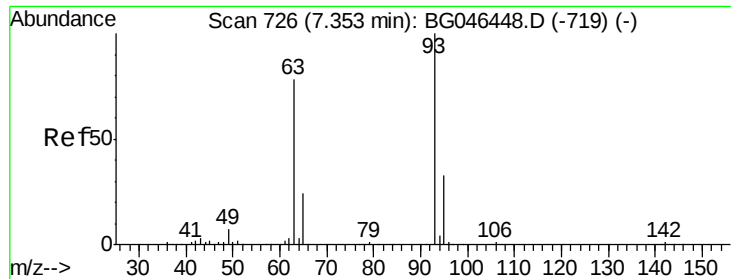
Delta R.T. 0.01 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Tgt Ion:	94	Resp:	252987
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.5	47.5
66	34.5	14.1	54.1





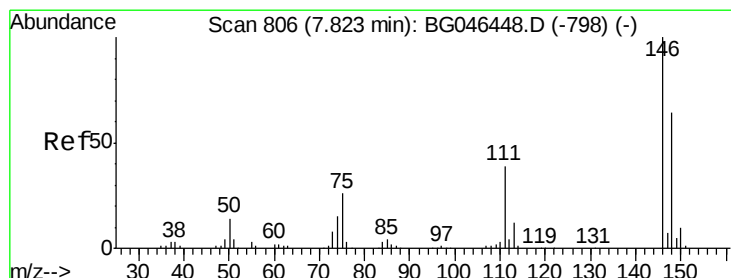
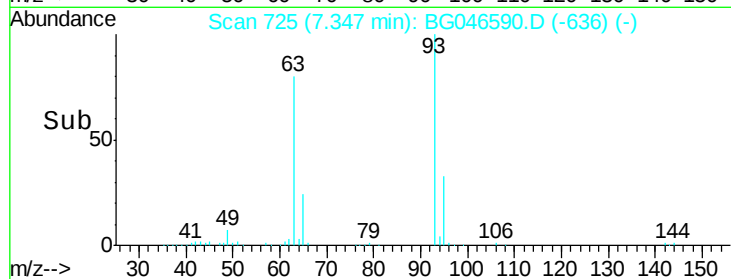
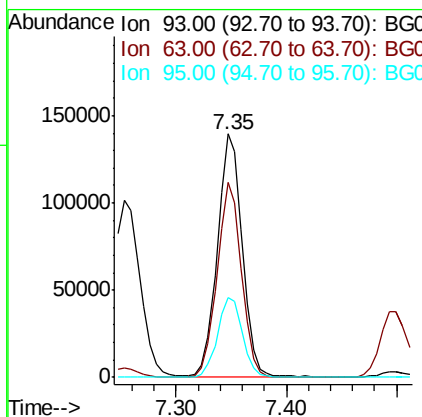
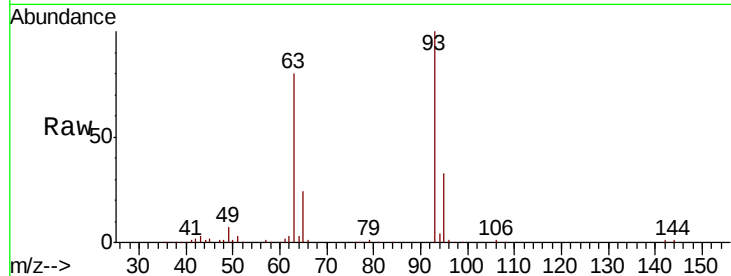
#11
bis(2-Chloroethyl)ether
Concen: 49.327 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion:	93	Resp:	219153
Ion	Ratio	Lower	Upper
93	100		
63	79.9	57.7	97.7
95	32.6	12.3	52.3

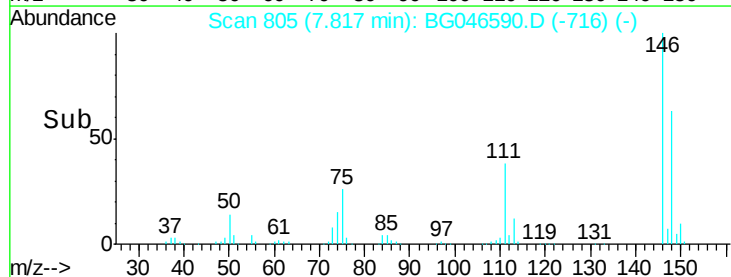
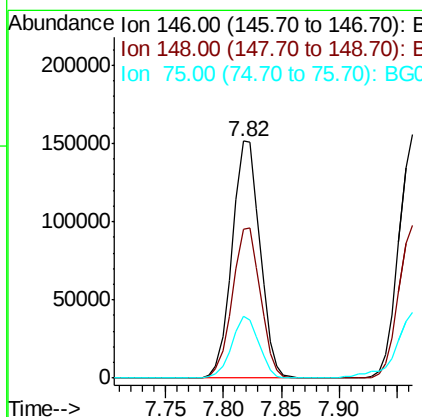
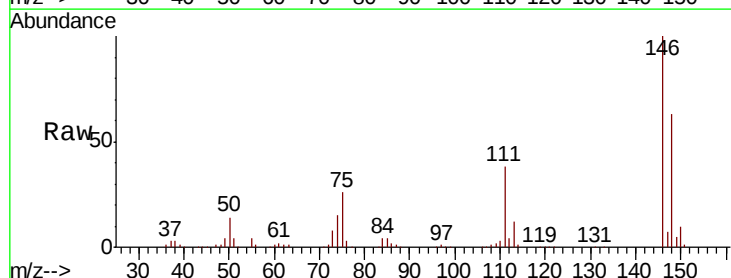
Manual Integrations
APPROVED

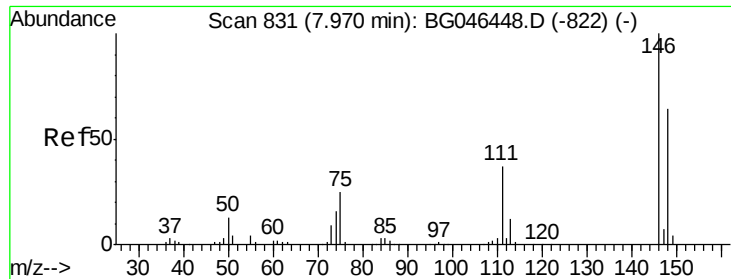
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.670 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion:	146	Resp:	253749
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
75	26.0	20.7	31.1





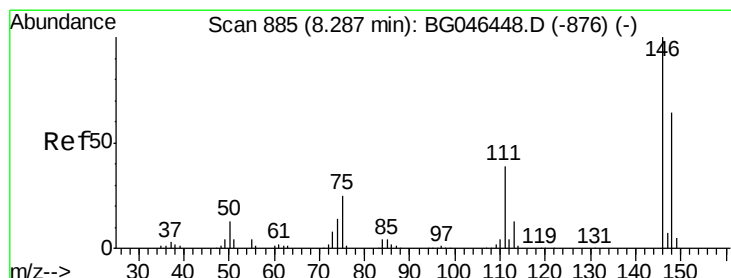
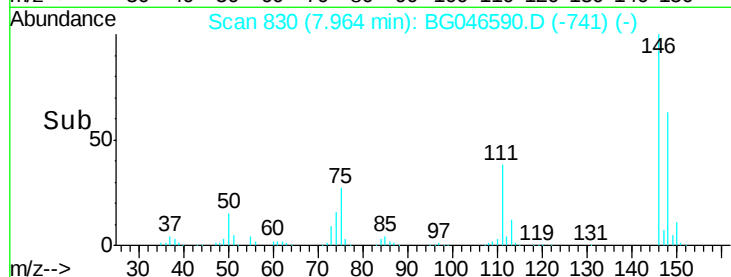
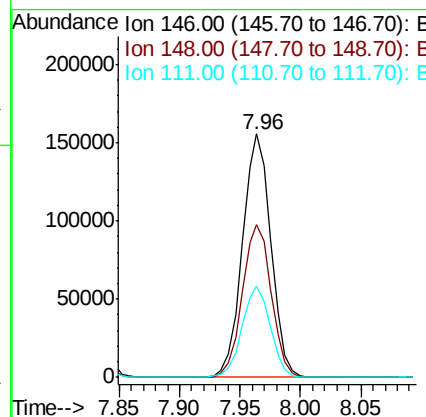
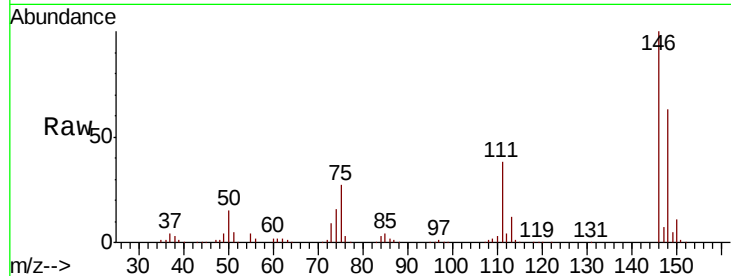
#13
 1,4-Dichlorobenzene
 Concen: 44.822 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
111	37.7	29.8	44.6

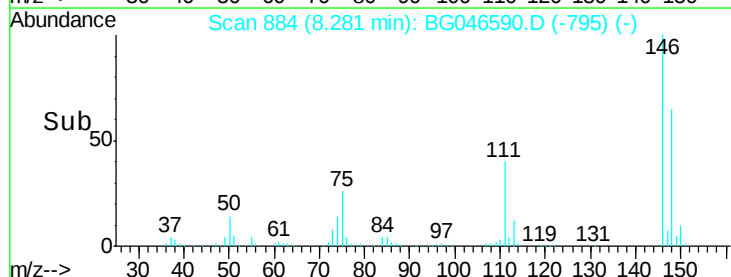
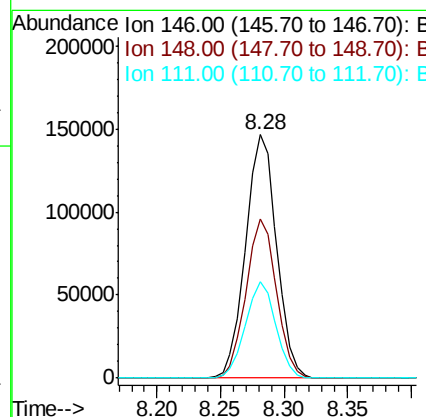
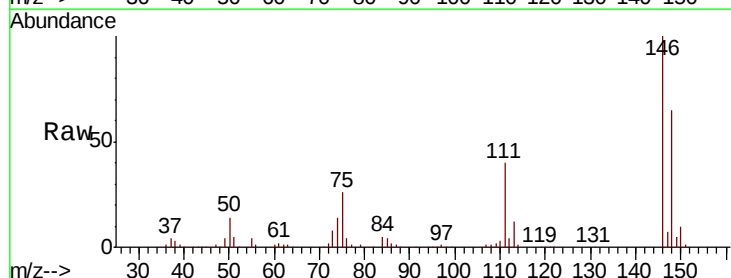
Manual Integrations
 APPROVED

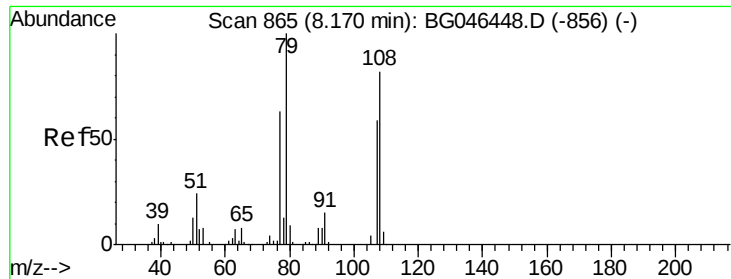
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.514 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
111	39.6	31.4	47.2





#15

Benzyl Alcohol

Concen: 53.360 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

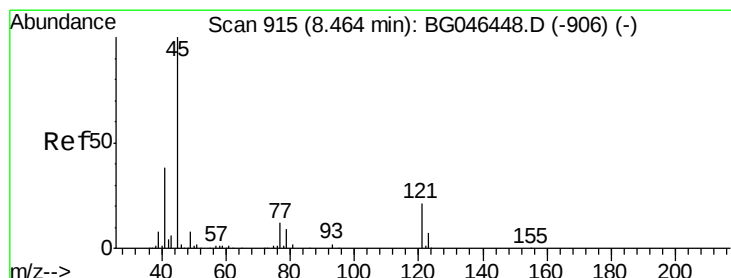
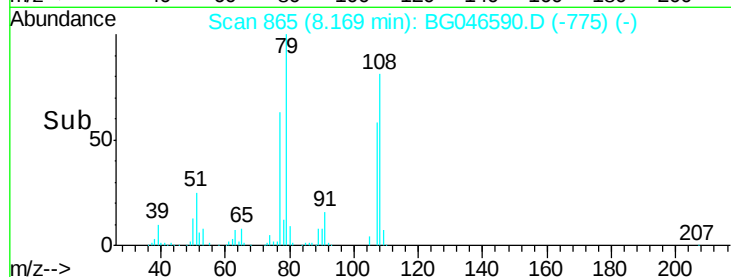
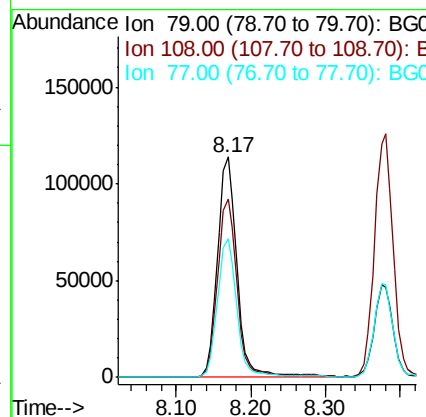
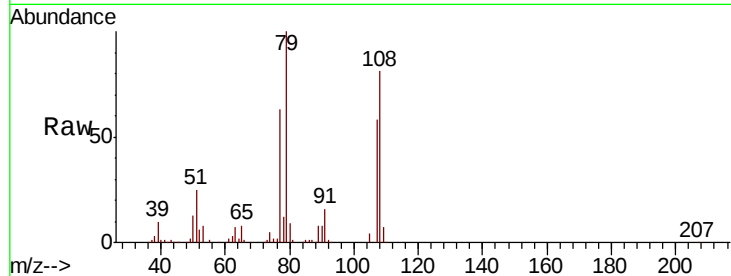
ClientSampleId :

SU-04-090820MS

Tot Ion	79	Resp	205585
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.7	98.5
77	63.3	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.650 ng

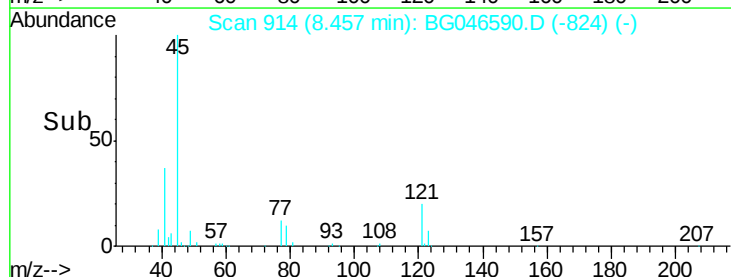
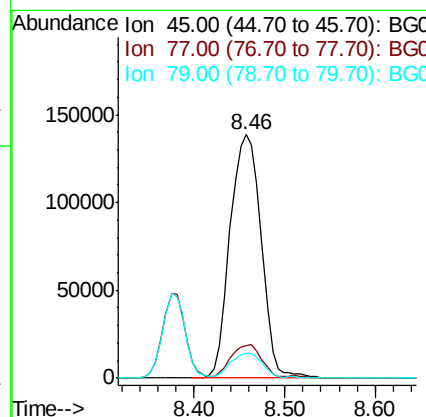
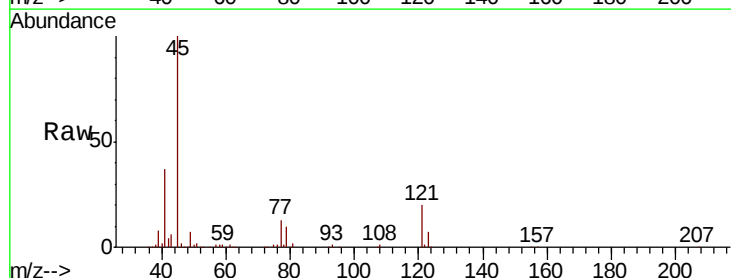
RT: 8.46 min Scan# 914

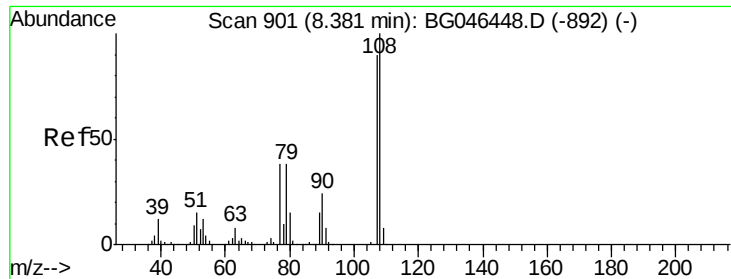
Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Tgt Ion	45	Resp	328380
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	33.2
79	10.3	0.0	30.3





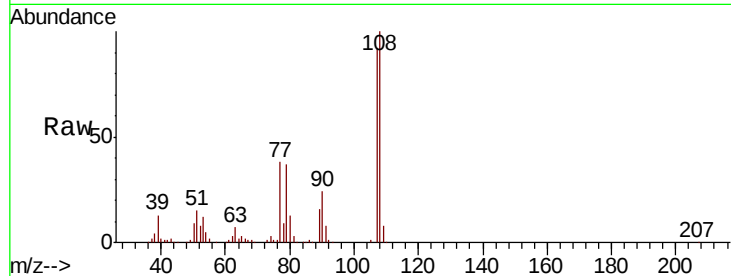
#17
2-Methylphenol
Concen: 50.422 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	197650		
108	109.2	89.4	134.0	
77	41.6	34.5	51.7	
79	40.3	33.8	50.6	

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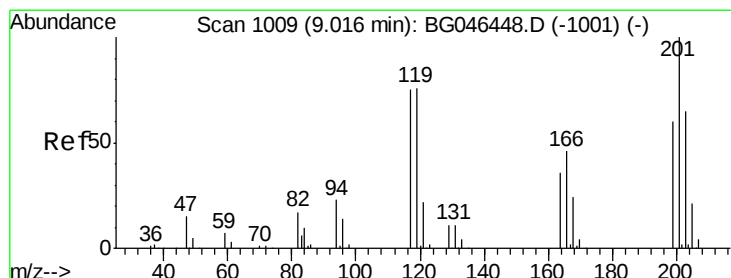
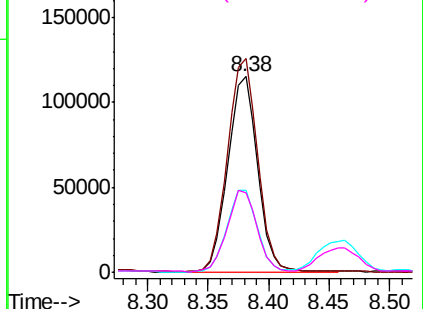
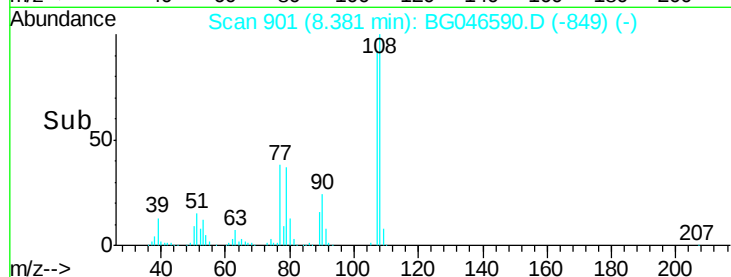
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

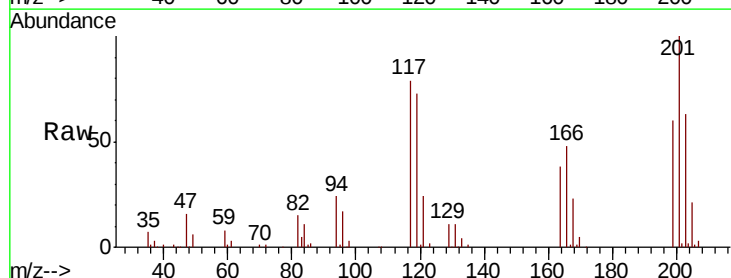
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 45.151 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87061		
119	93.1	80.8	121.2	
201	126.8	106.7	160.1	

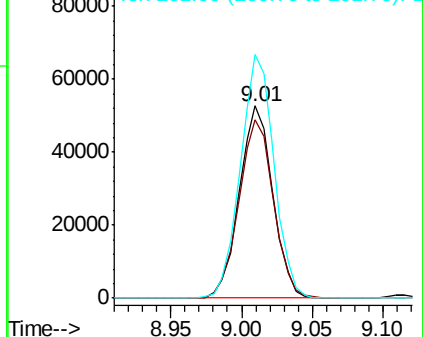
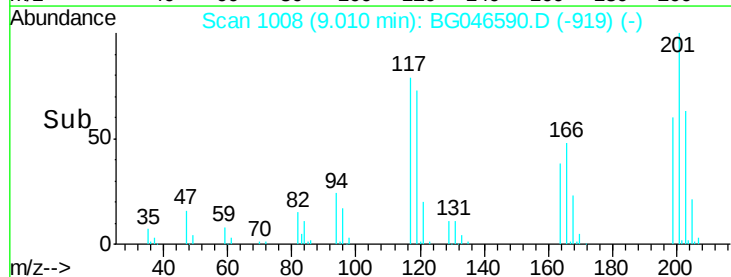


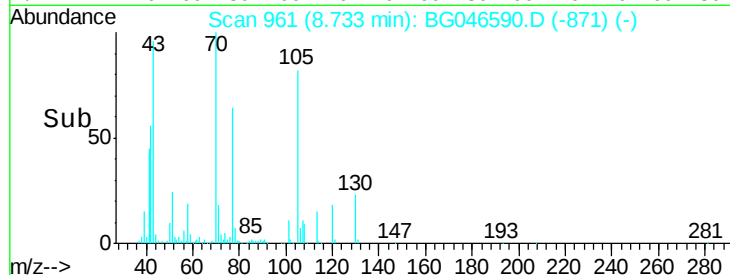
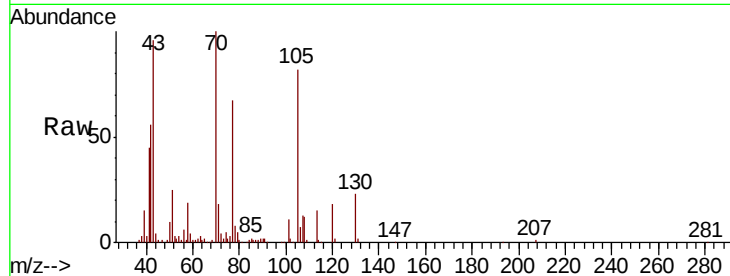
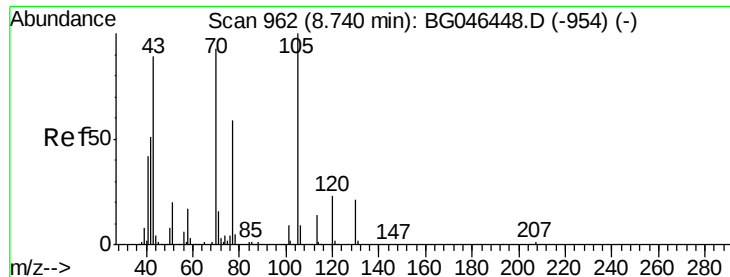
Abundance

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





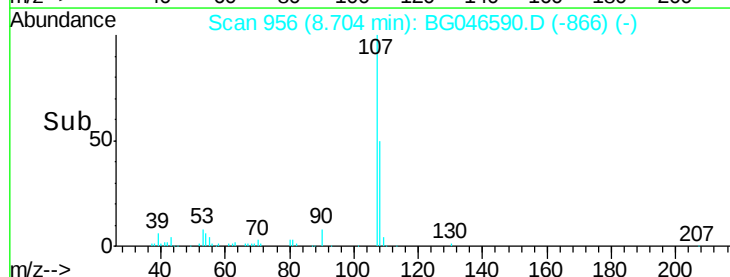
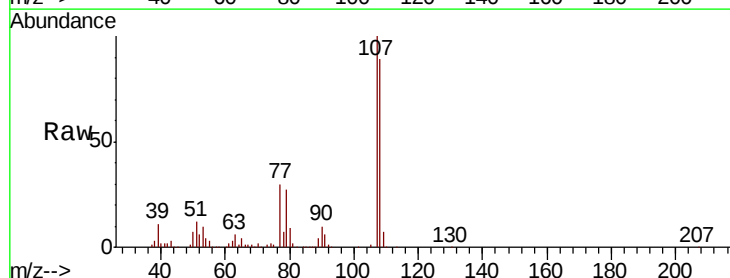
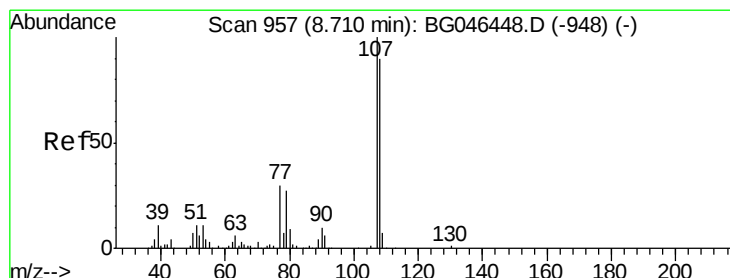
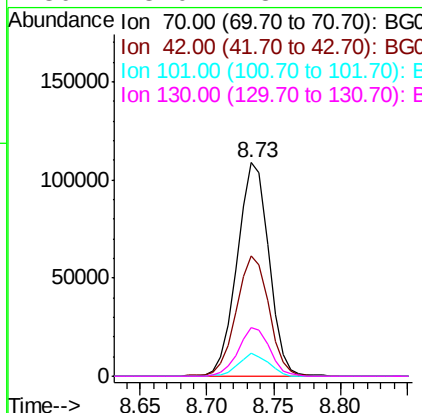
#19
n-Nitroso-di-n-propylamine
Concen: 49.993 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		179456		
42	56.3	44.2	66.2		
101	10.6	7.8	11.8		
130	23.0	18.2	27.4		

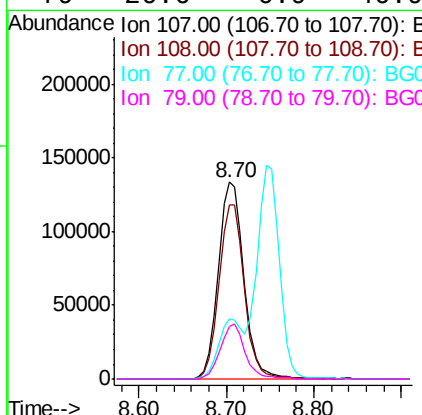
Manual Integrations
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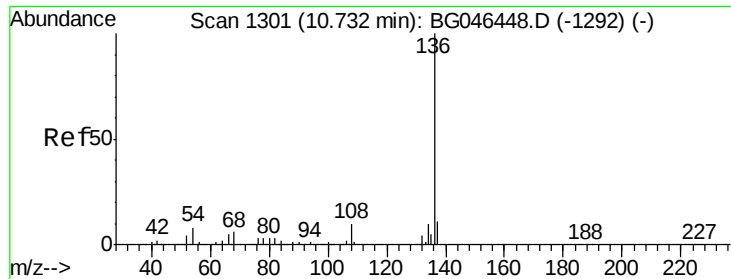
mohammad
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#20
3+4-Methylphenols
Concen: 49.964 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		270335		
108	88.6	69.7	109.7		
77	30.3	9.7	49.7		
79	26.6	6.9	46.9		





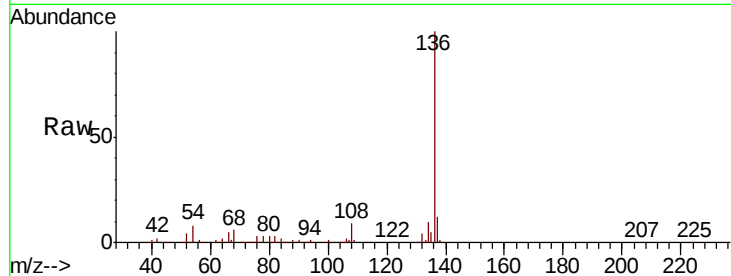
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	297333		
137	11.5		8.8	13.2
54	7.6		6.1	9.1
68	5.7		4.8	7.2

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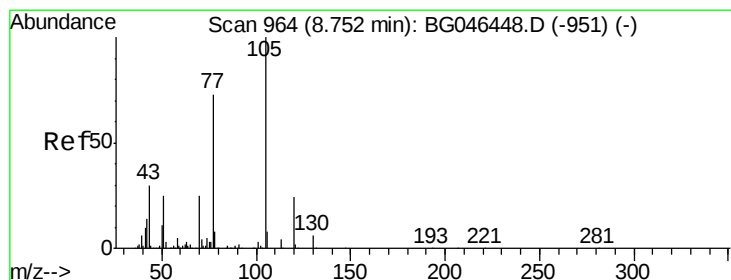
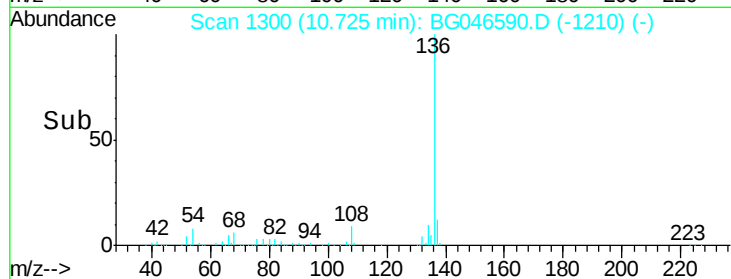
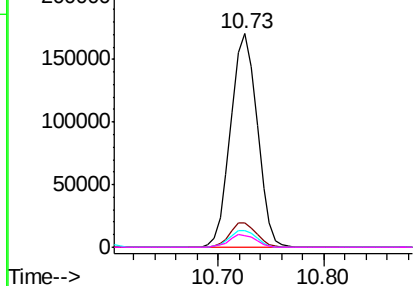
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

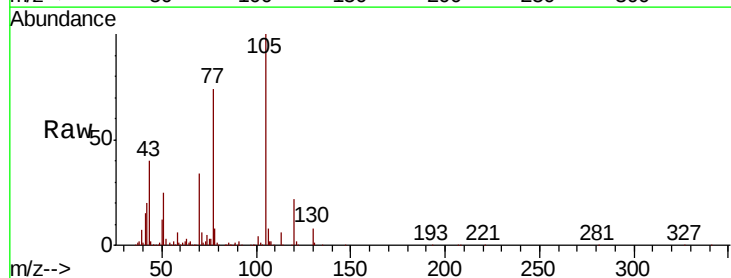
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.047 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340514		
71	5.9		3.3	4.9#
51	25.2		20.6	31.0
120	22.4		19.0	28.6



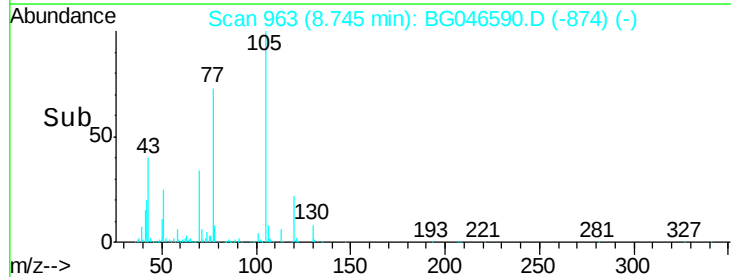
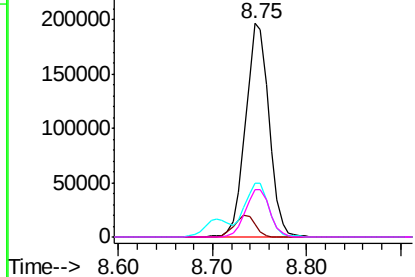
Abundance

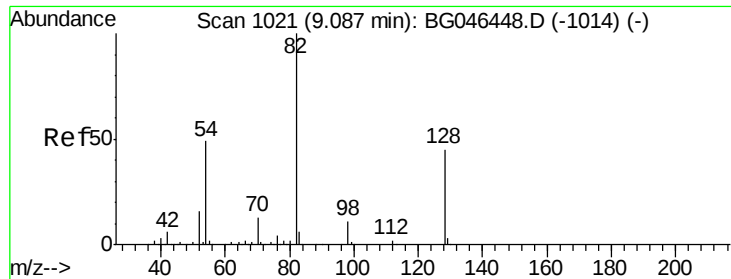
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





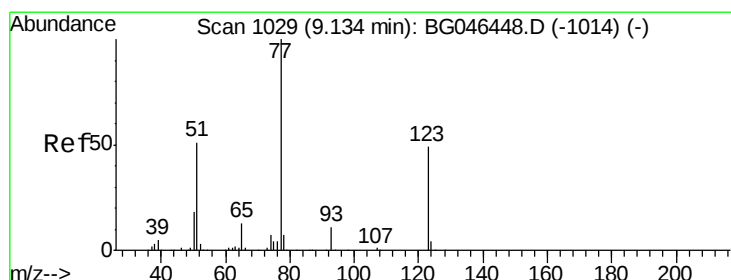
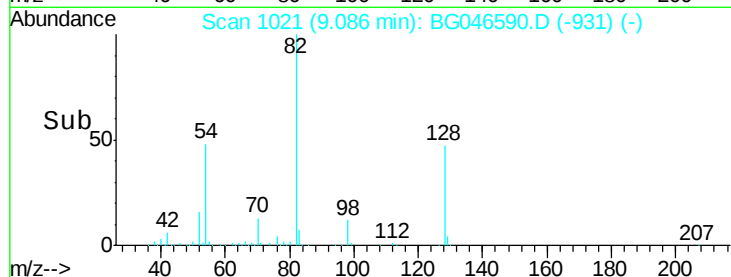
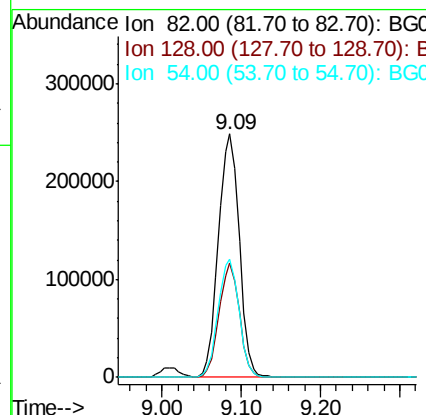
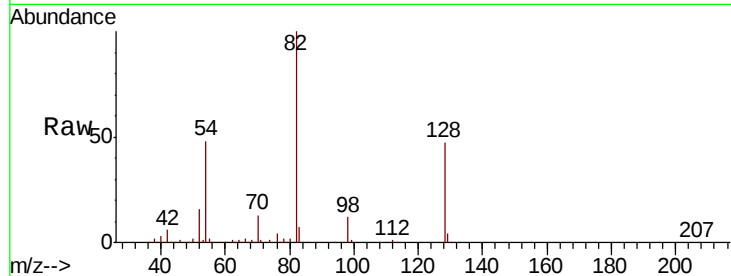
#23
Nitrobenzene-d5
Concen: 87.410 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.7	53.5
54	48.5	39.4	59.0

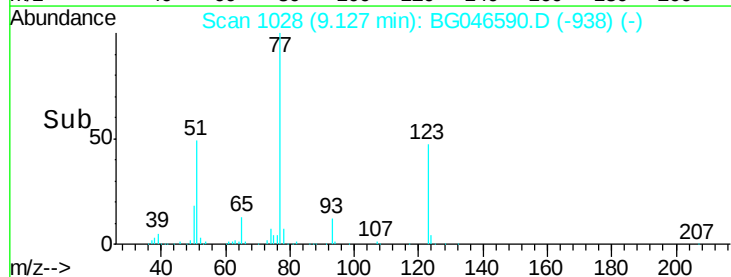
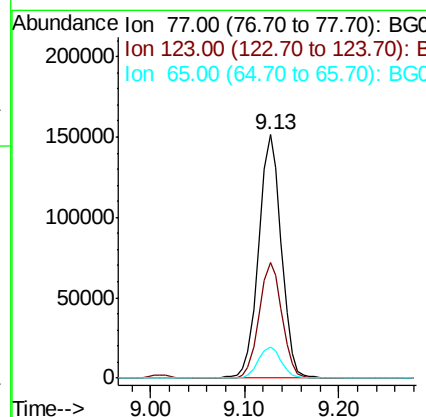
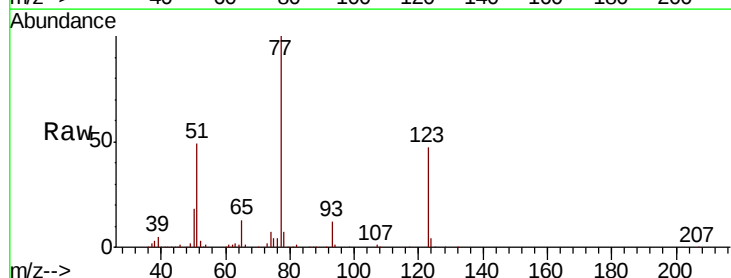
Manual Integrations
APPROVED

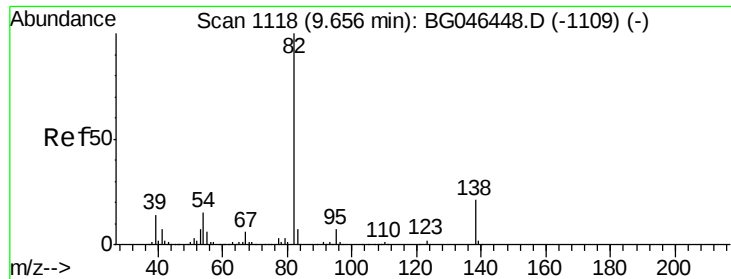
mohammad
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#24
Nitrobenzene
Concen: 49.244 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	39.6	59.4
65	12.5	10.1	15.1





#25

Isophorone

Concen: 51.328 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

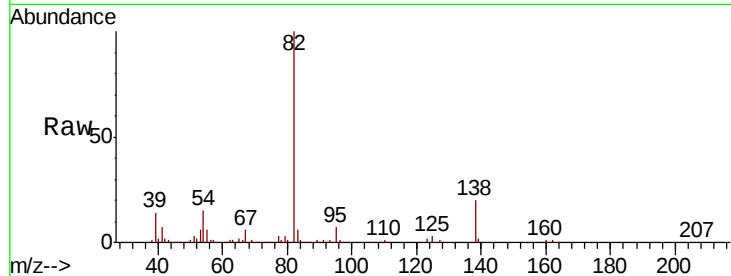
ClientSampleId :

SU-04-090820MS

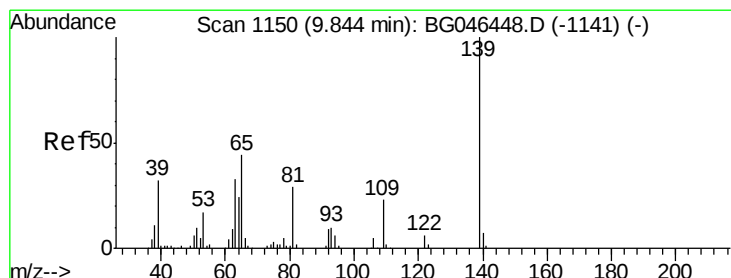
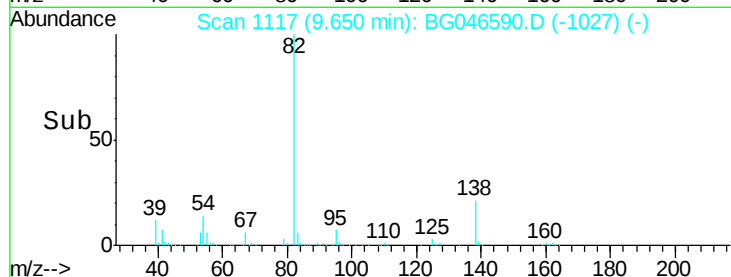
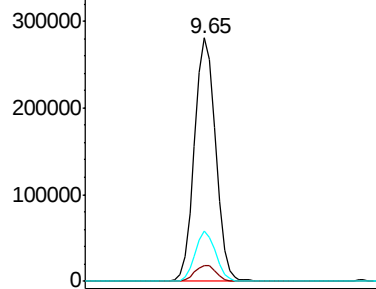
Tot Ion:	82	Resp:	489550
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	20.5	16.4	24.6

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.759 ng

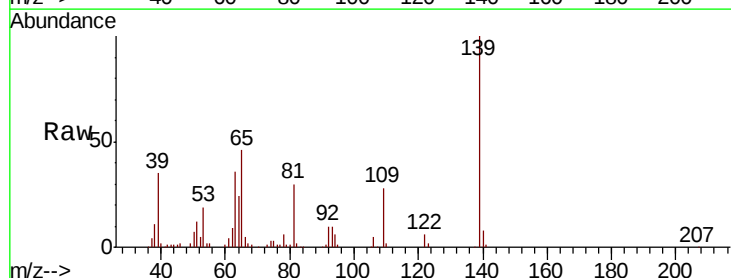
RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

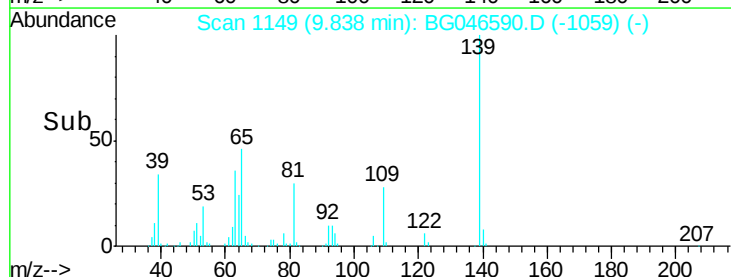
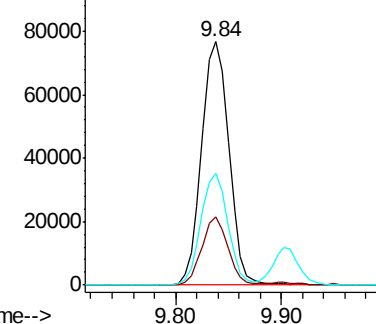
Lab File: BG046590.D

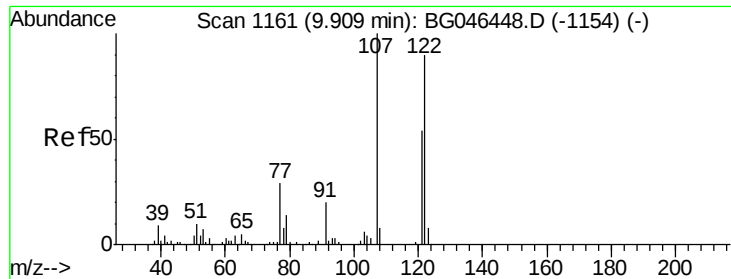
Acq: 10 Sep 2020 20:32

Tgt Ion:	139	Resp:	137640
Ion Ratio	Lower	Upper	
139	100		
109	27.8	18.8	28.2
65	46.1	35.0	52.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





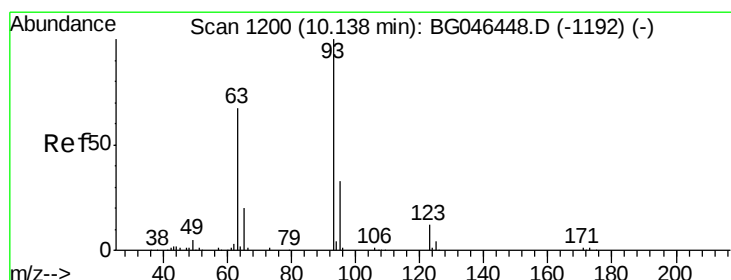
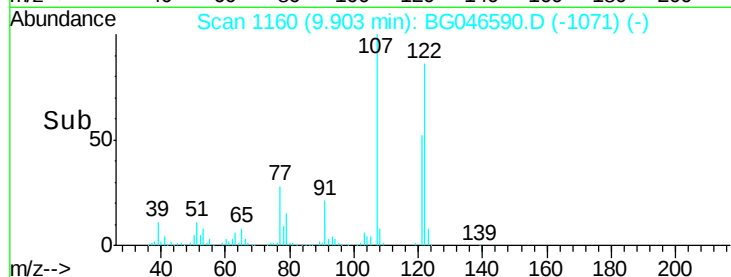
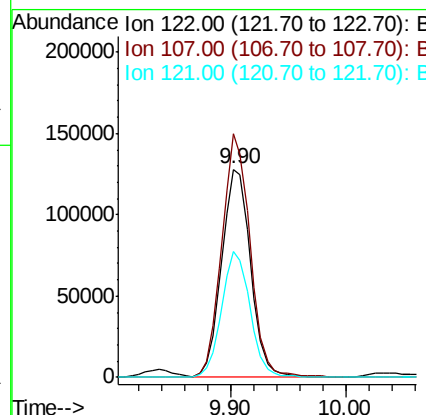
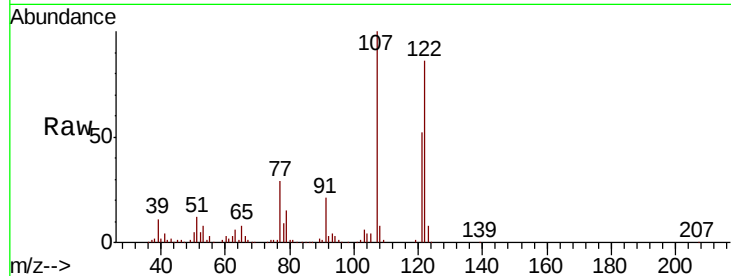
#27
2,4-Dimethylphenol
Concen: 59.036 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	220177		
107	116.9	88.2	132.2	
121	60.6	47.4	71.0	

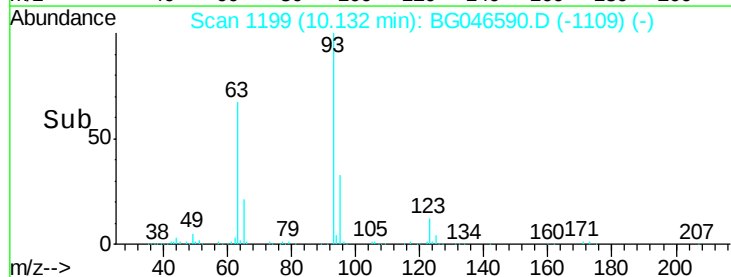
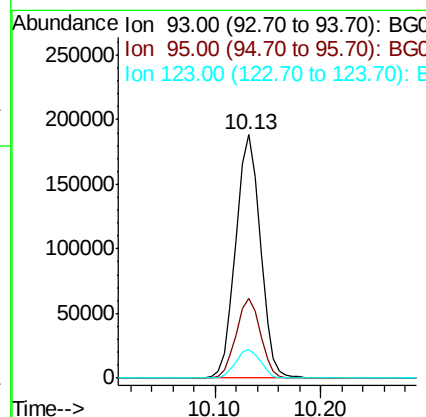
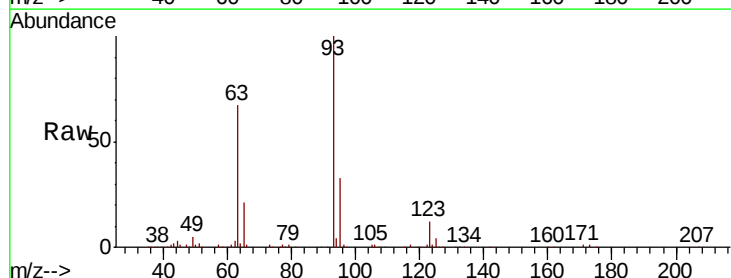
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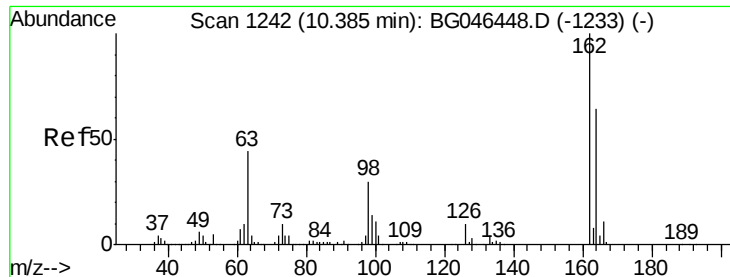
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#28
bis(2-Chloroethoxy)methane
Concen: 49.302 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	302657		
95	33.0	26.1	39.1	
123	11.8	9.5	14.3	





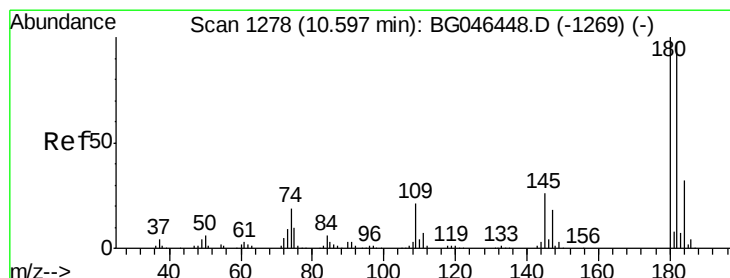
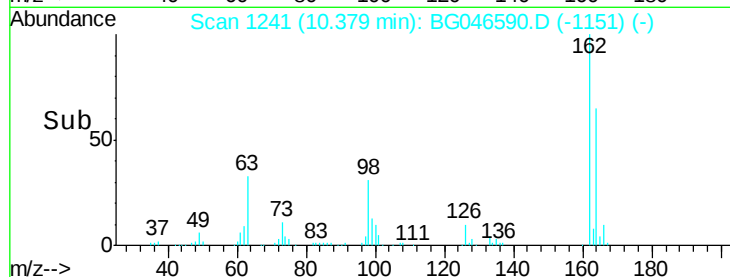
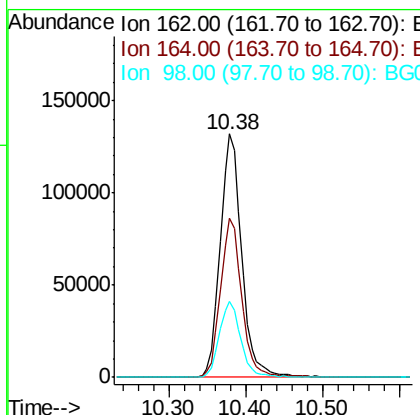
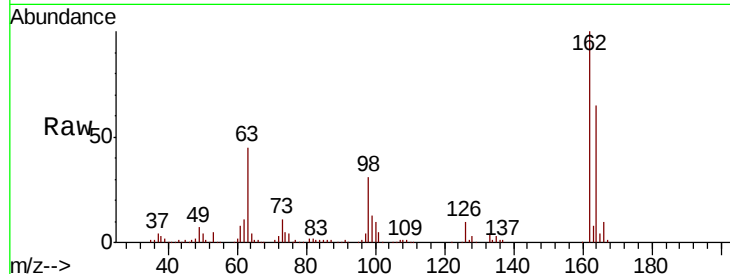
#29
2,4-Dichlorophenol
Concen: 51.337 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	255239		
164	65.2	44.3	84.3	
98	31.2	10.0	50.0	

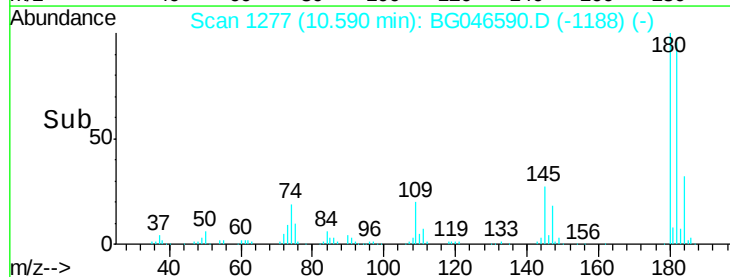
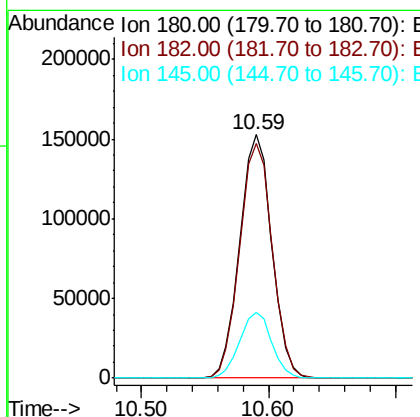
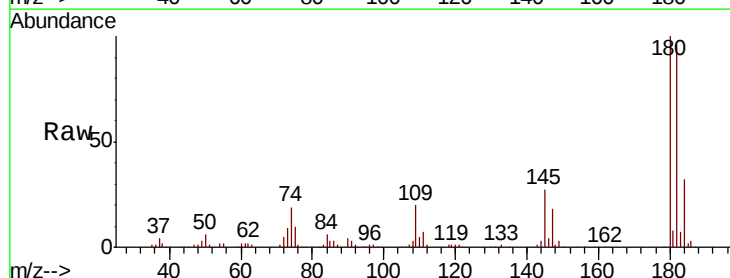
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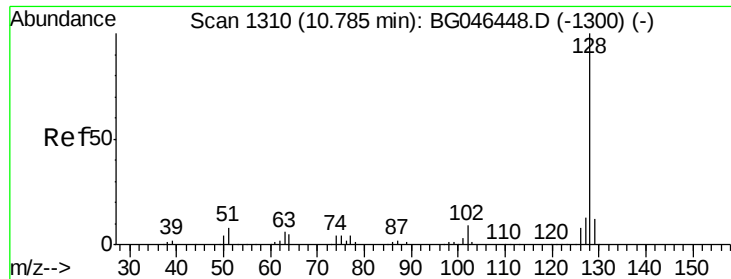
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#30
1,2,4-Trichlorobenzene
Concen: 45.542 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268655		
182	96.4	77.8	116.8	
145	27.0	20.9	31.3	





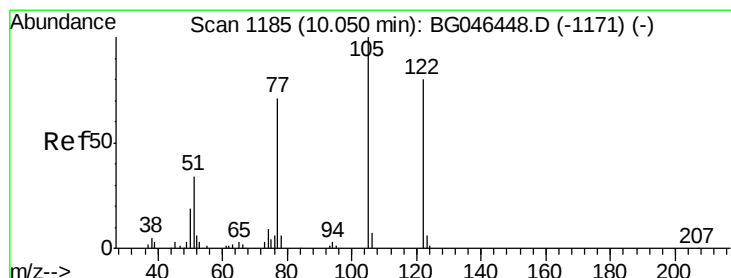
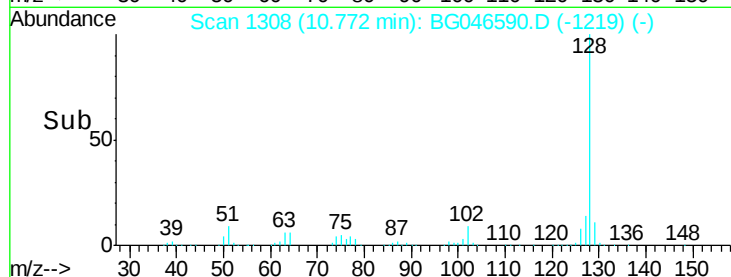
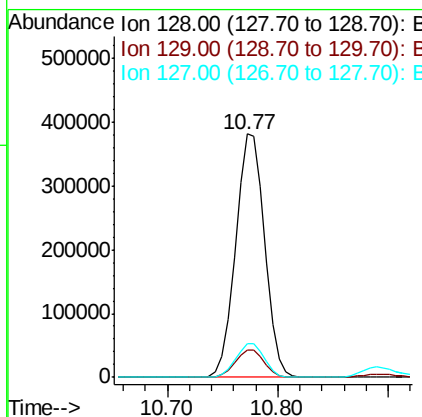
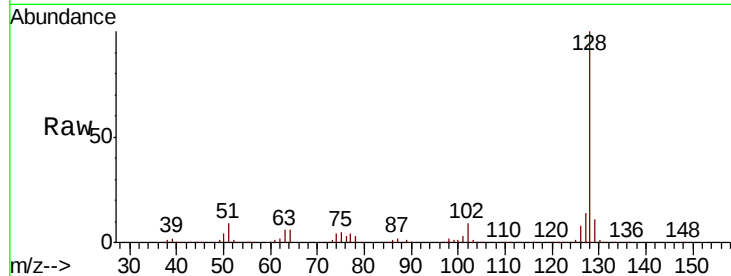
#31
Naphthalene
Concen: 48.304 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.9	10.7	16.1

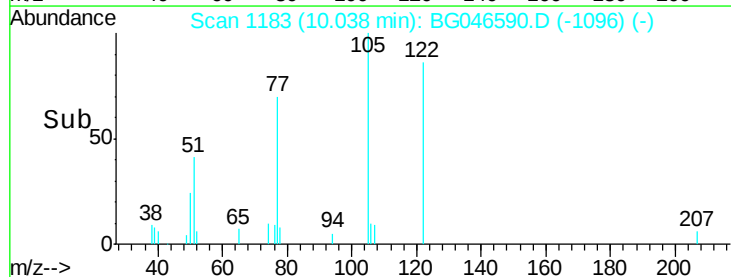
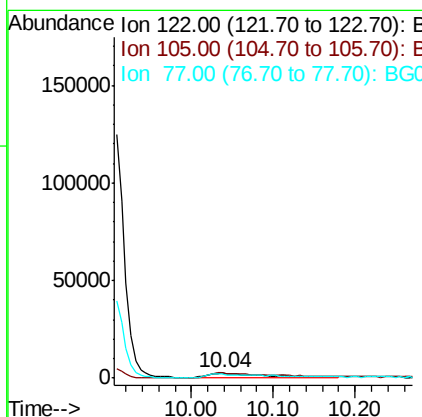
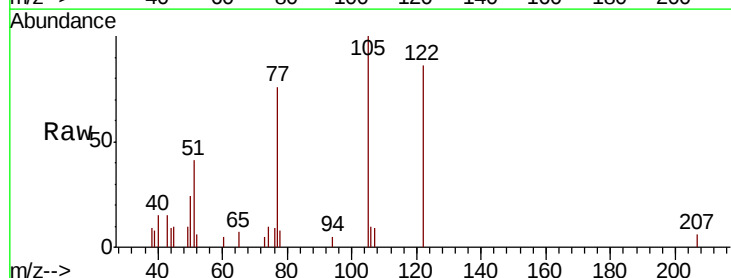
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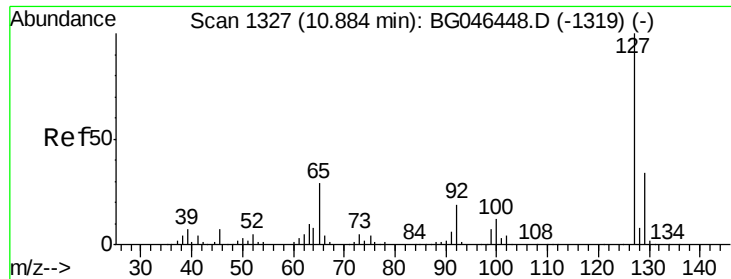
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#32
Benzoic acid
Concen: 8.797 ng m
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	102.5	142.5
77	88.3	68.2	108.2





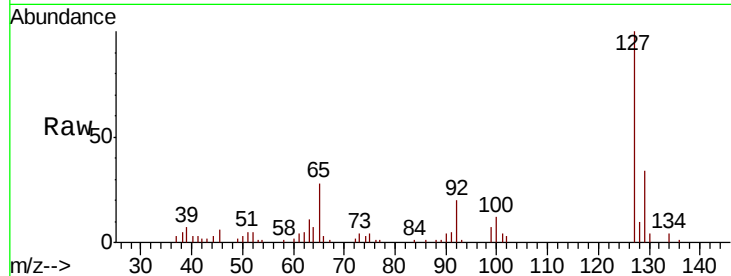
#33
4-Chloroaniline
Concen: 6.182 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		39575		
129	33.8	27.0	40.4		
65	28.2	23.5	35.3		
92	20.0	14.9	22.3		

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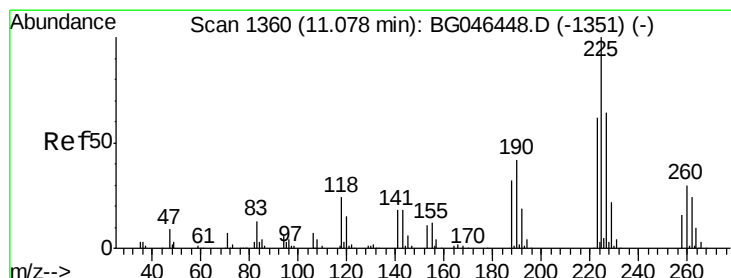
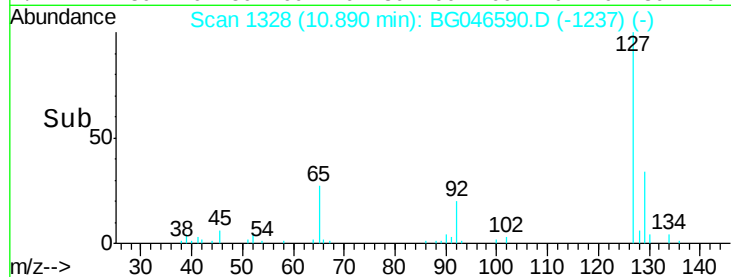
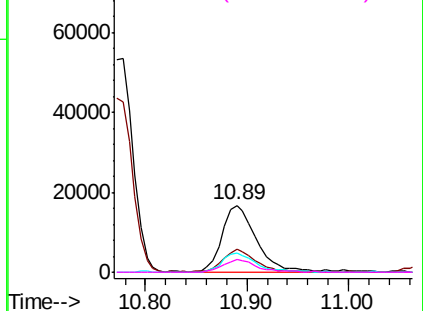
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

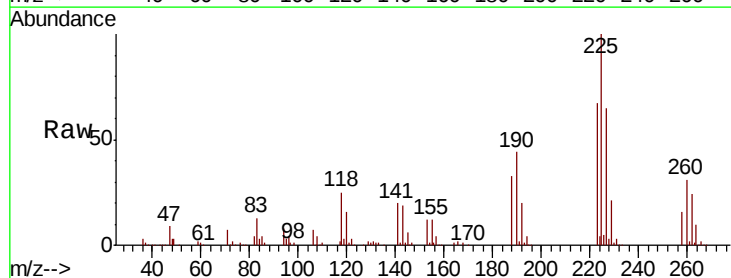
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.591 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		170756		
223	66.6	49.9	74.9		
227	65.4	51.6	77.4		

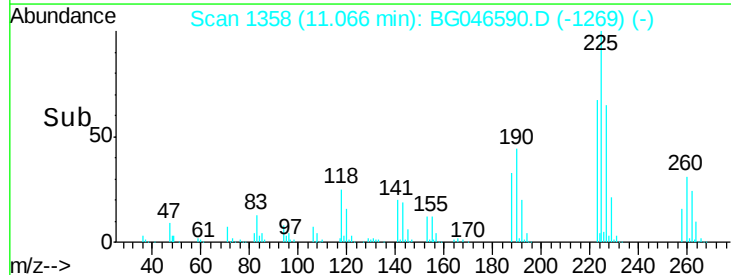
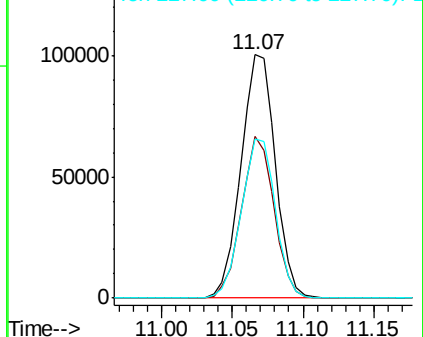


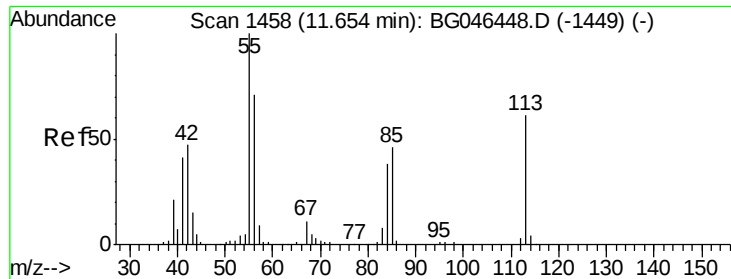
Abundance

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: 36.240 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

ClientSampleID :

SU-04-090820MS

Tot Ion:113 Resp: 67351

Ion Ratio Lower Upper

113 100

55 167.5 144.2 184.2

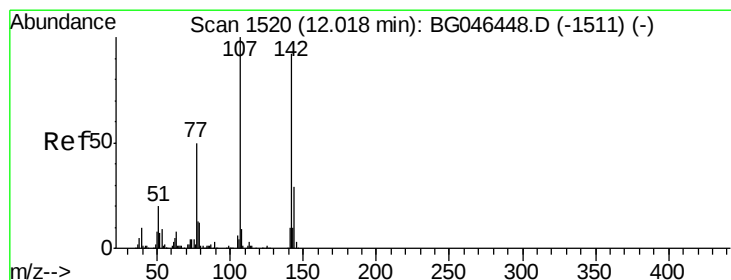
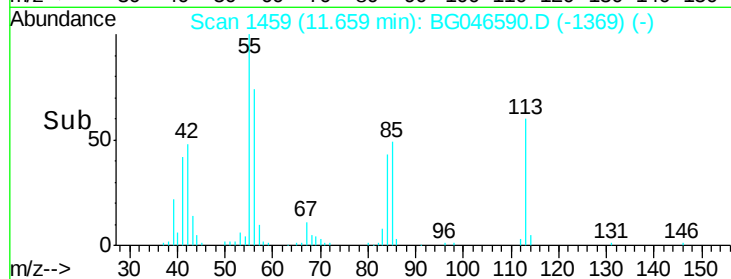
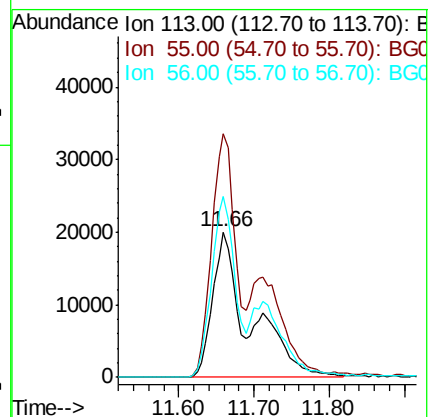
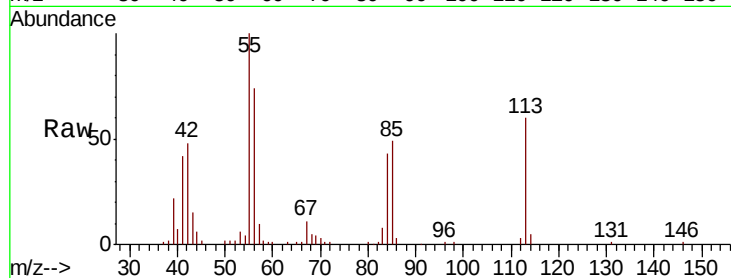
56 124.5 97.0 137.0

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#36

4-Chloro-3-methylphenol

Concen: 51.580 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

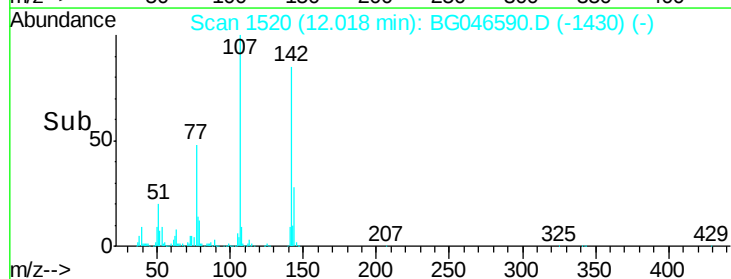
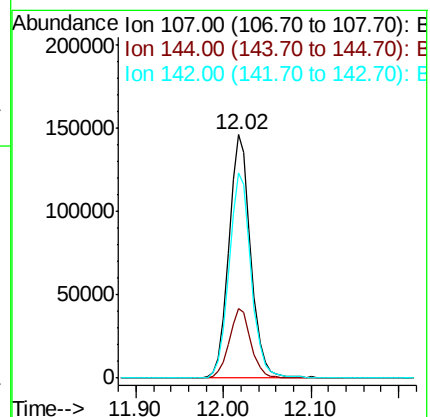
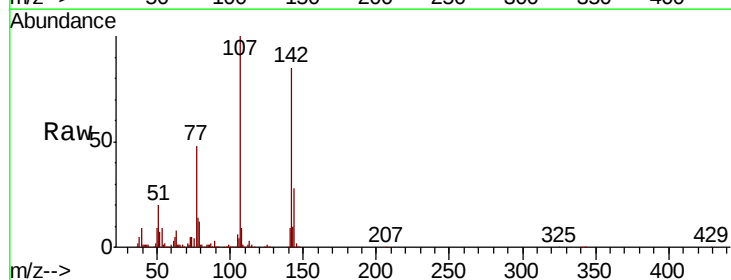
Tgt Ion:107 Resp: 250821

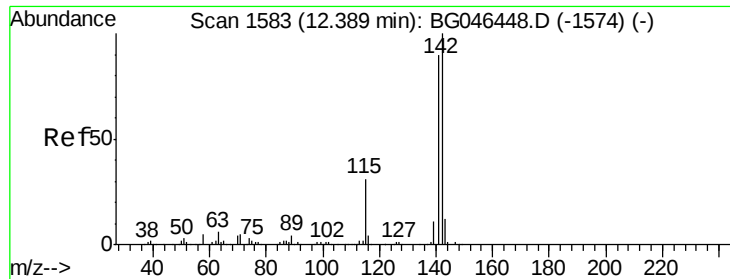
Ion Ratio Lower Upper

107 100

144 28.3 23.3 34.9

142 84.6 73.7 110.5





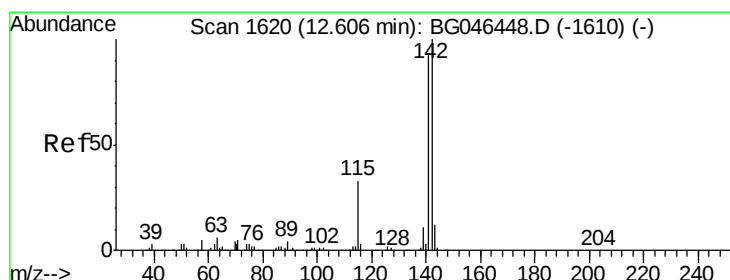
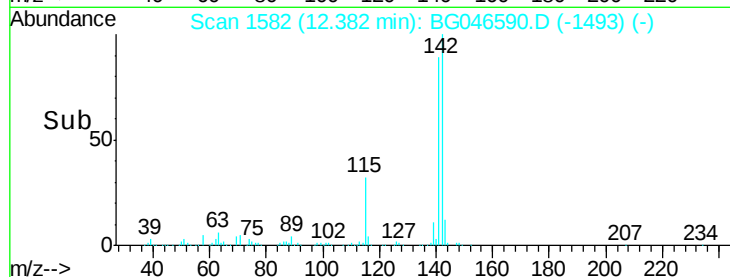
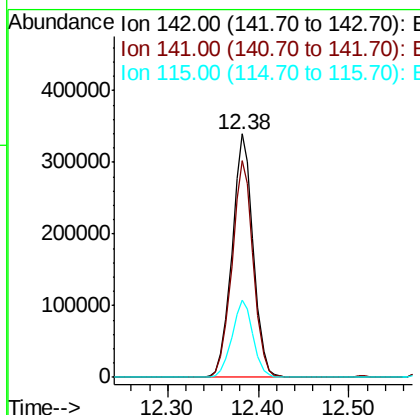
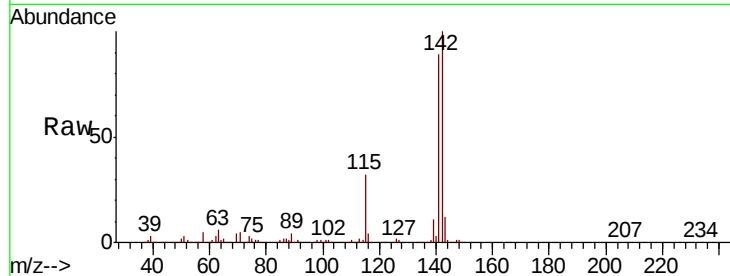
#37
2-Methylnaphthalene
Concen: 48.051 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.1	108.1
115	31.7	24.9	37.3

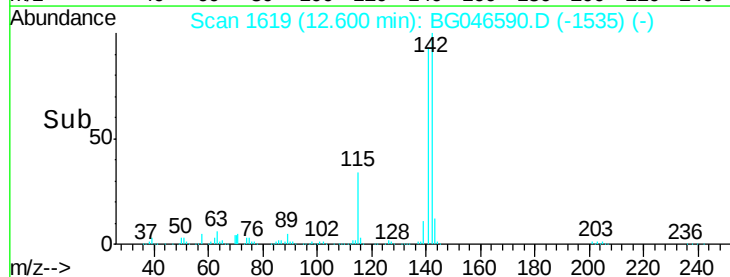
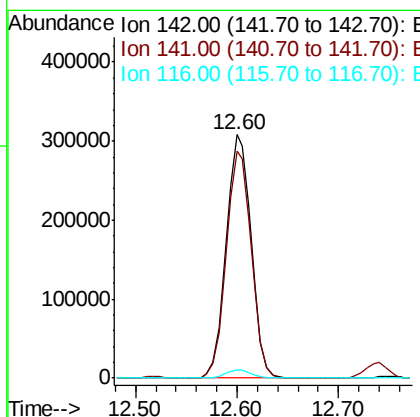
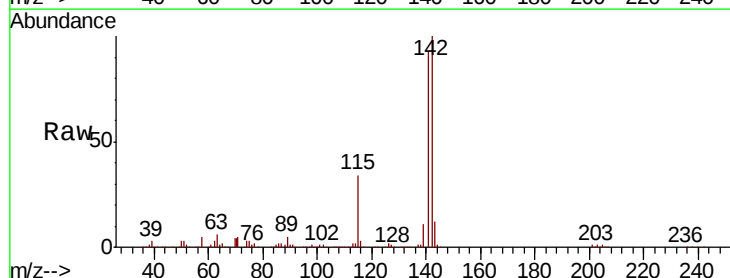
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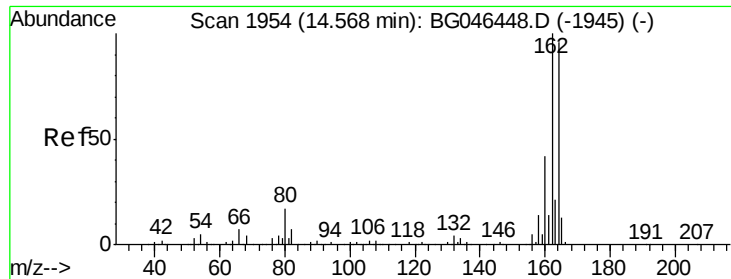
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#38
1-Methylnaphthalene
Concen: 48.134 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1
116	3.4	2.6	4.0





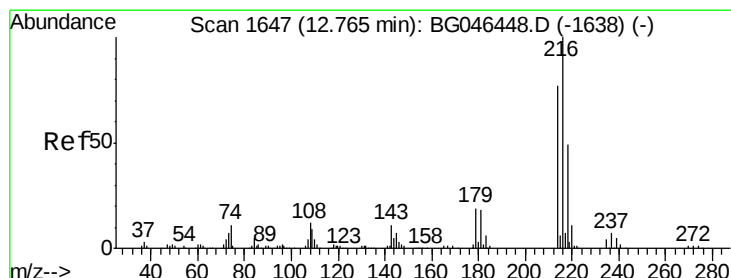
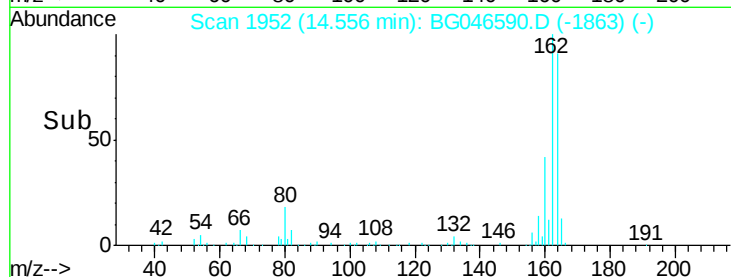
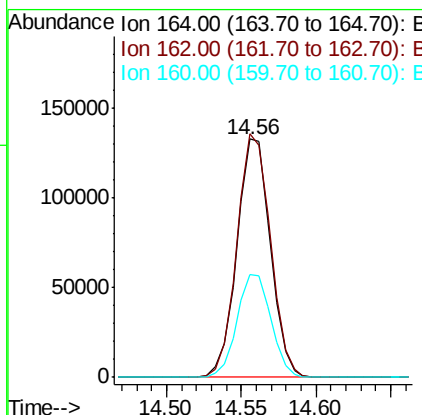
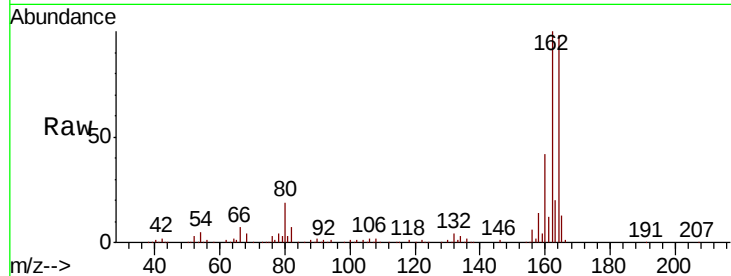
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	206117		
162	102.3	83.3	124.9	
160	43.3	35.0	52.6	

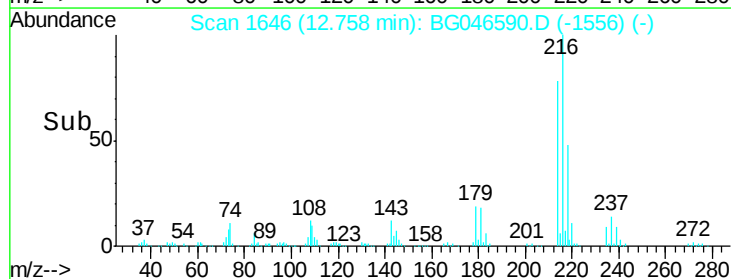
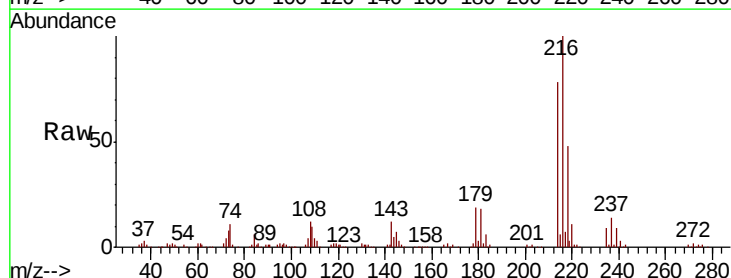
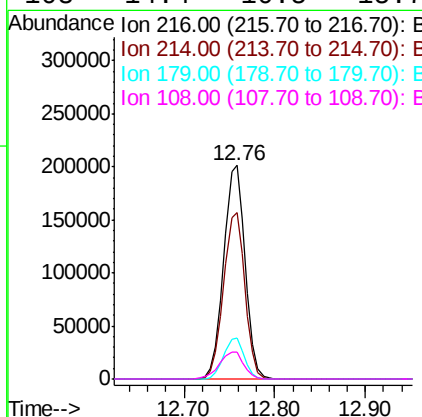
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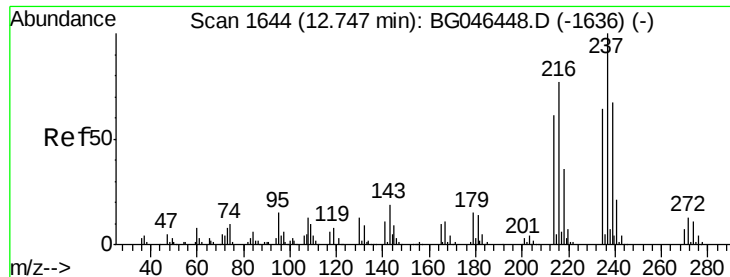
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.254 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	327983		
214	77.7	62.1	93.1	
179	18.5	14.9	22.3	
108	14.4	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 104.565 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

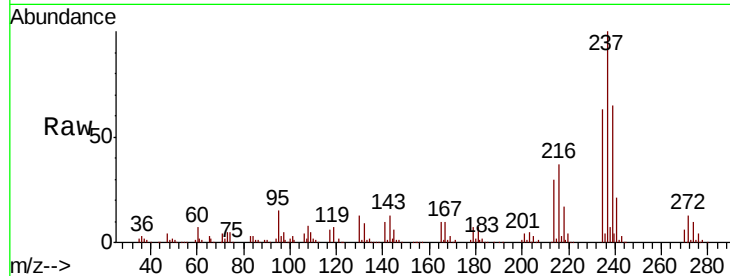
ClientSampleId :

SU-04-090820MS

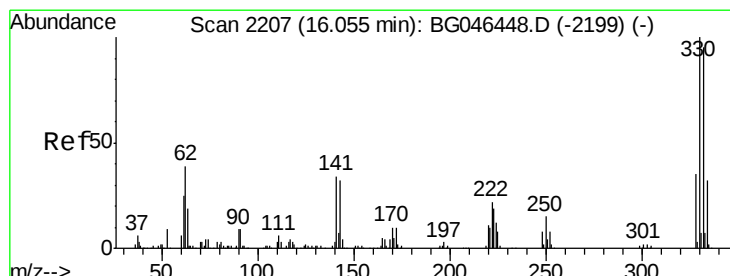
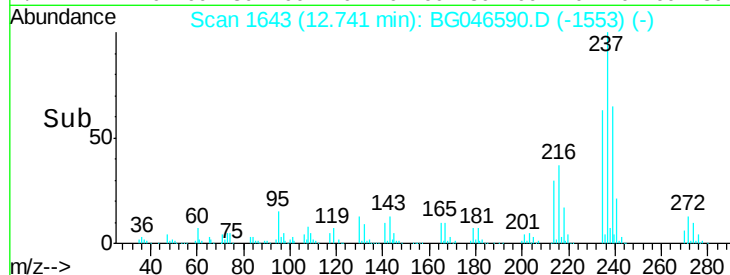
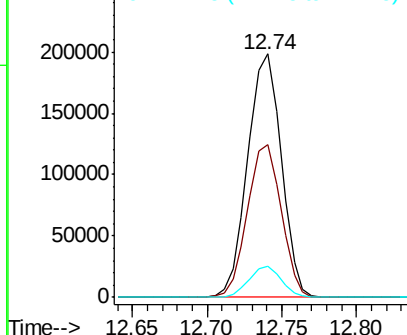
Tot Ion:	237	Resp:	309040
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.5	84.5
272	12.6	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 110.627 ng

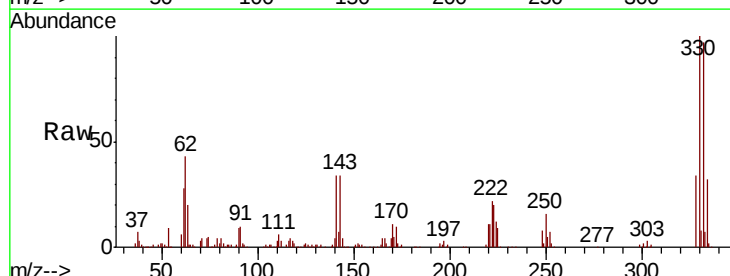
RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

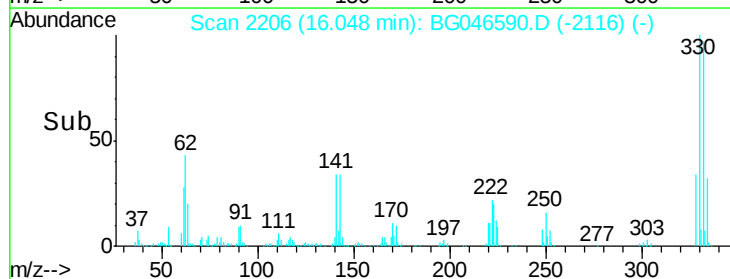
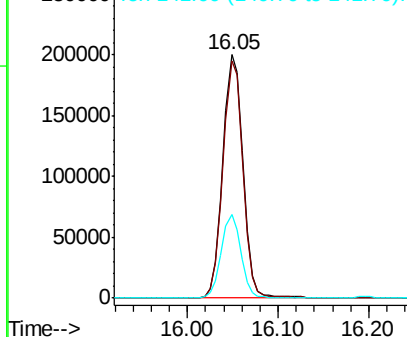
Lab File: BG046590.D

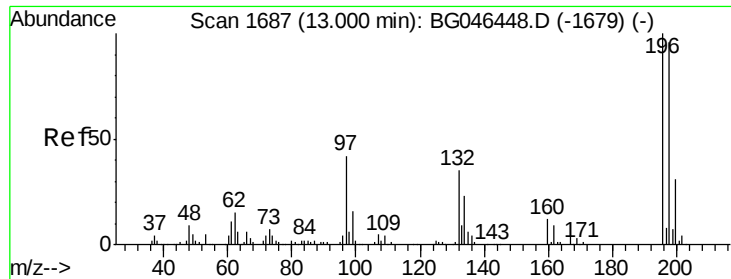
Acq: 10 Sep 2020 20:32

Tgt Ion:	330	Resp:	308952
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.1	114.1
141	33.4	26.1	39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





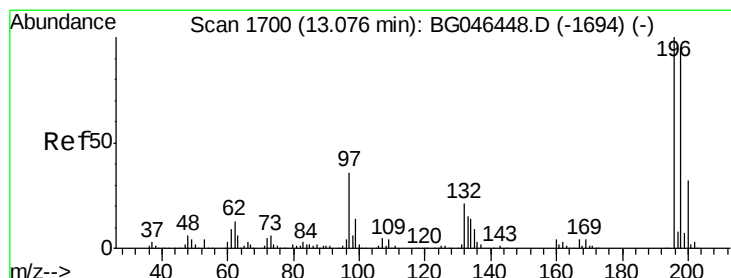
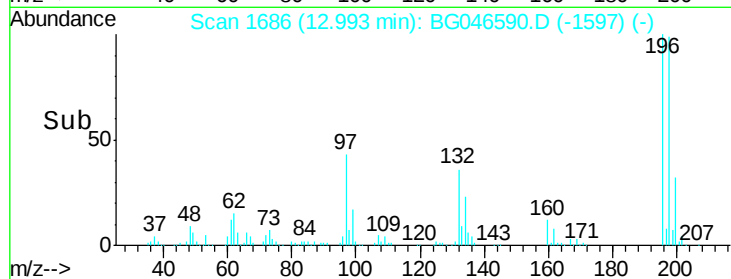
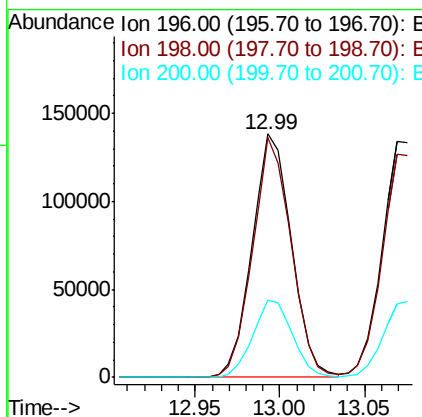
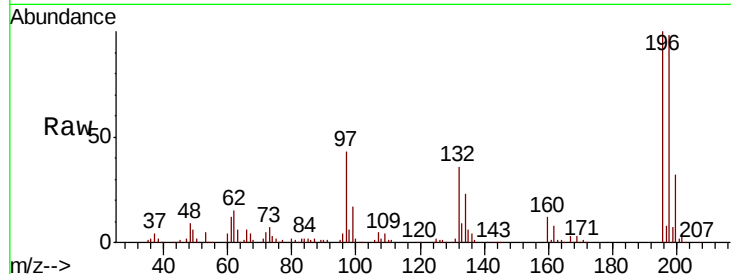
#43
 2,4,6-Trichlorophenol
 Concen: 48.655 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223170		
198	98.3	77.0	115.6	
200	31.5	25.2	37.8	

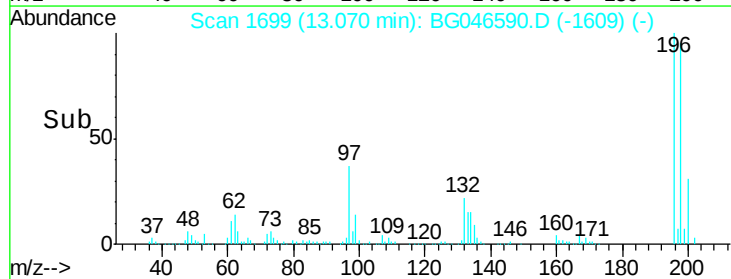
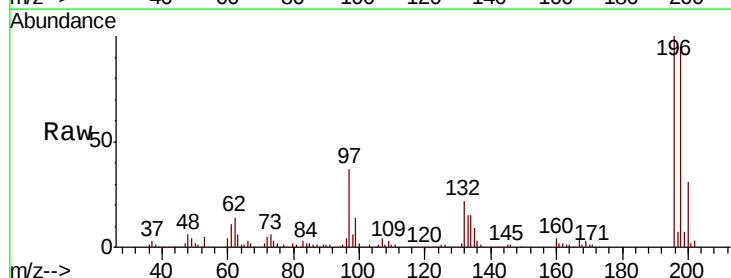
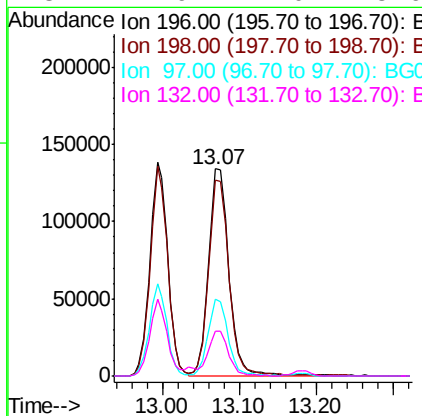
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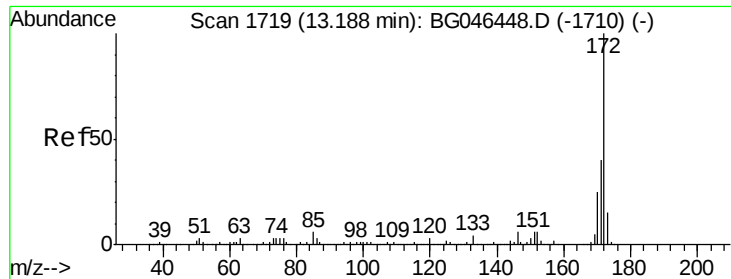
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.257 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242198		
198	94.7	75.6	113.4	
97	36.9	28.6	43.0	
132	21.9	17.0	25.6	





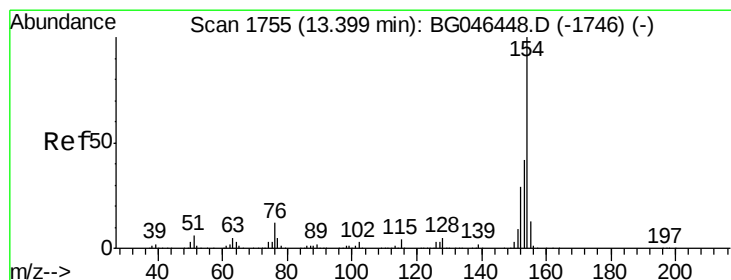
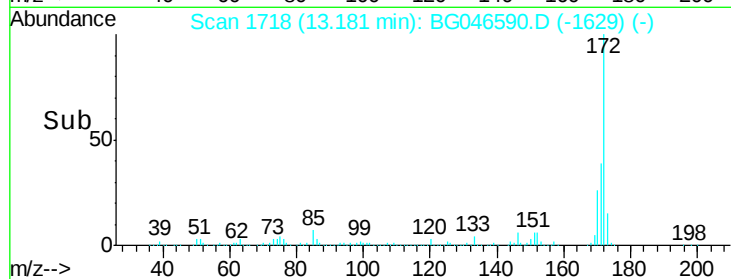
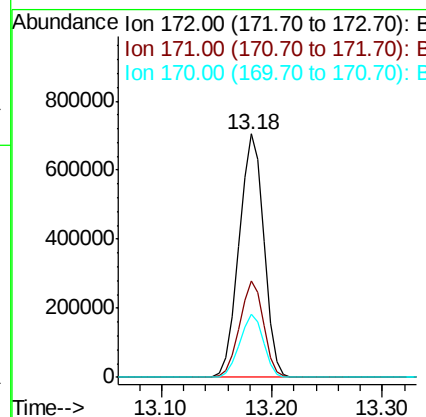
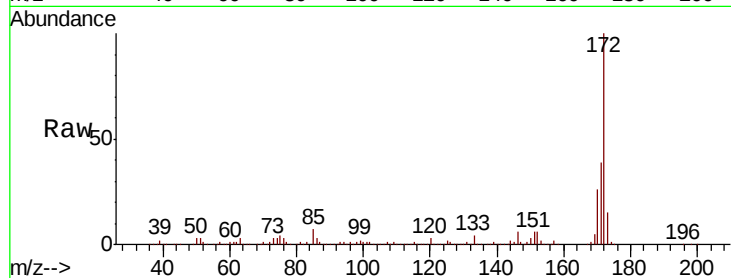
#45
2-Fluorobiphenyl
Concen: 82.184 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.8	47.6
170	26.0	20.3	30.5

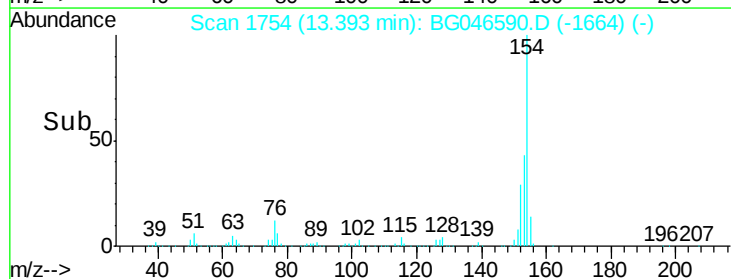
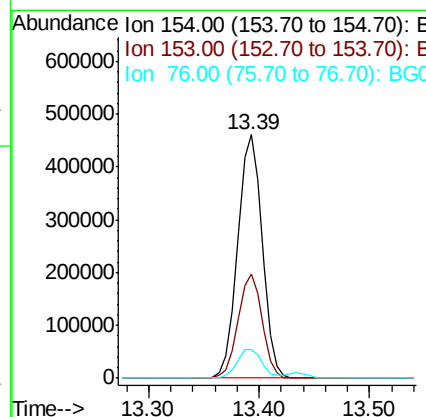
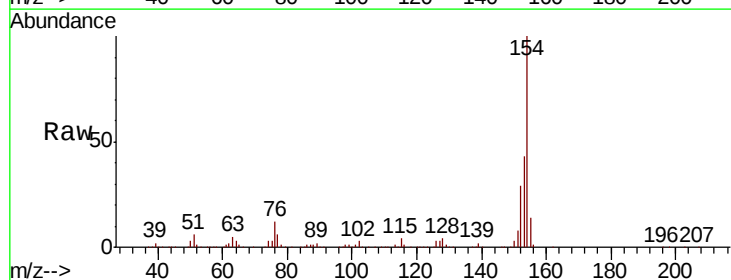
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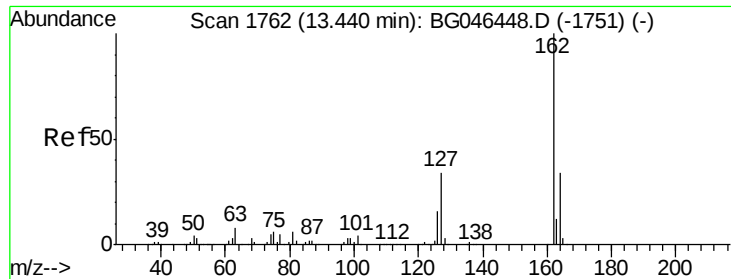
mohammad
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#46
1,1'-Biphenyl
Concen: 50.137 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.0	62.0
76	11.9	0.0	32.3





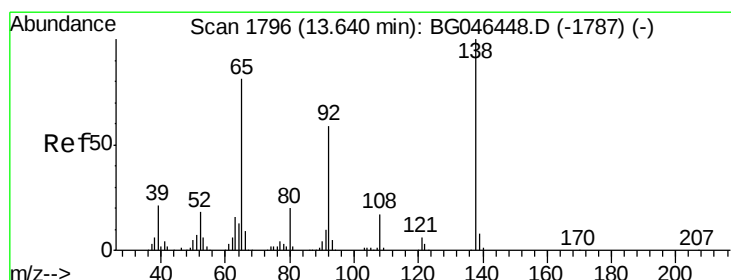
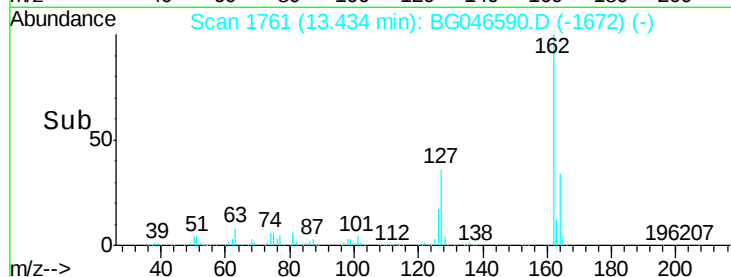
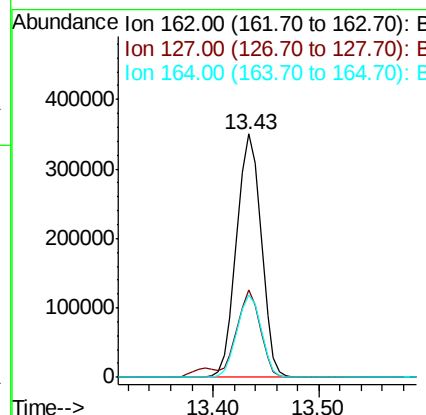
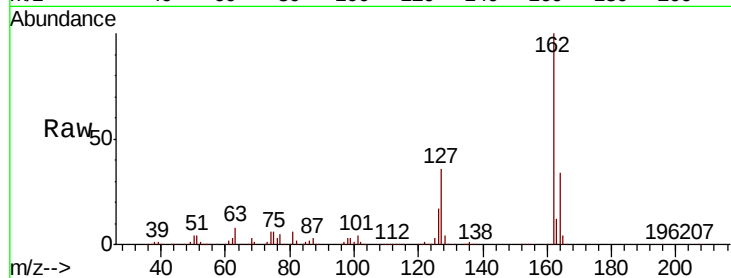
#47
2-Chloronaphthalene
Concen: 46.421 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	27.6	41.4
164	33.9	27.3	40.9

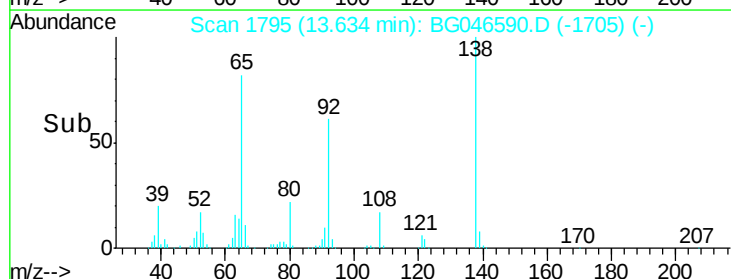
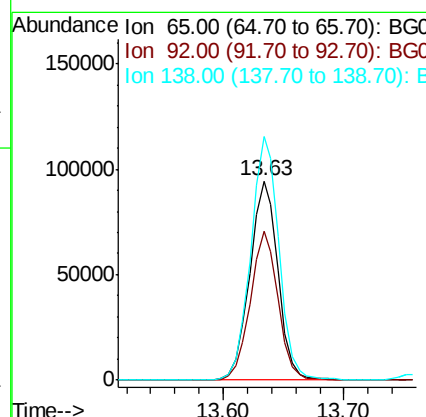
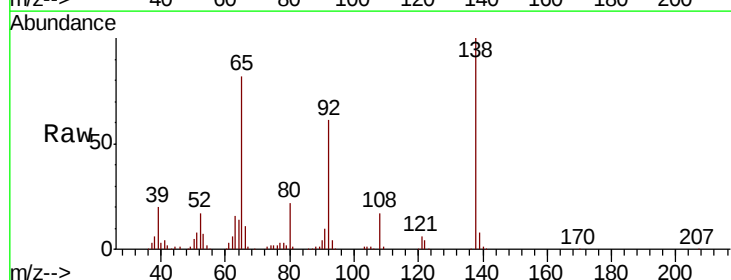
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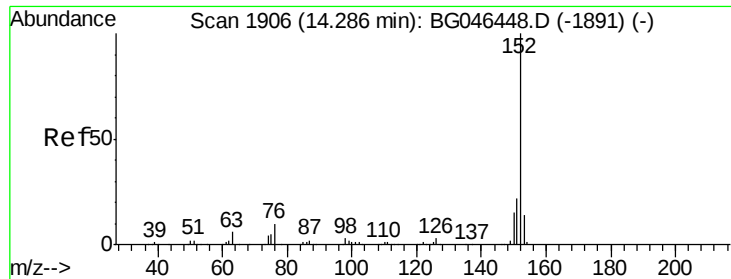
mohammad
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#48
2-Nitroaniline
Concen: 45.443 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	58.5	87.7
138	122.2	98.4	147.6





#49

Acenaphthylene

Concen: 47.704 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

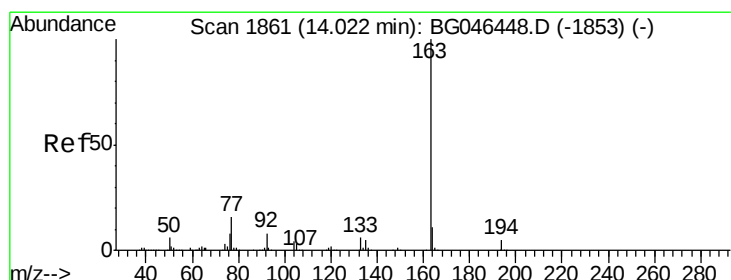
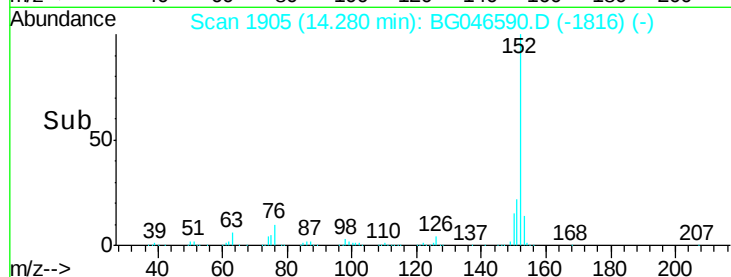
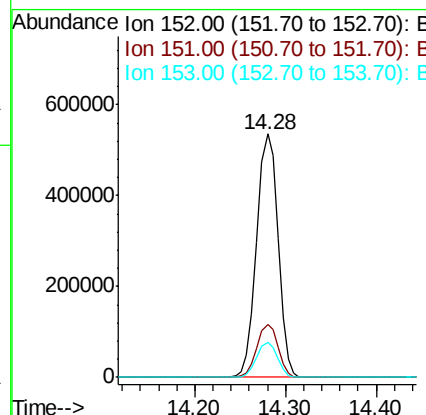
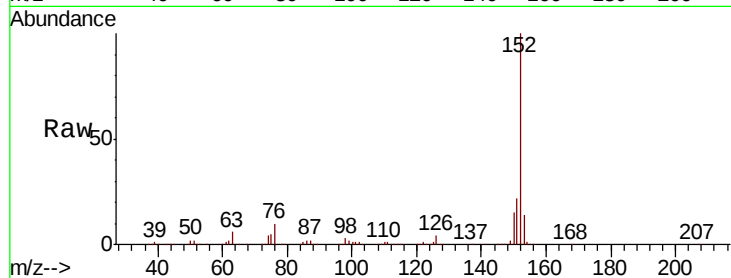
ClientSampleId :

SU-04-090820MS

Tot Ion:	152	Resp:	879848
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.7	26.5
153	14.2	11.2	16.8

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#50

Dimethylphthalate

Concen: 45.779 ng

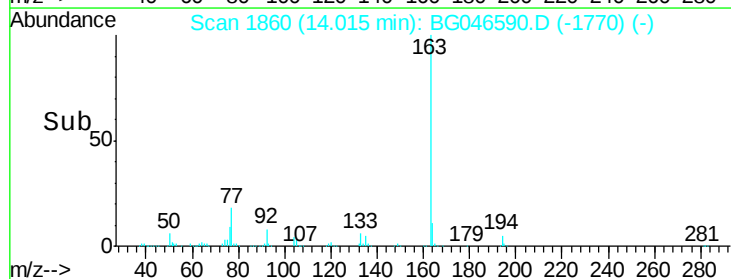
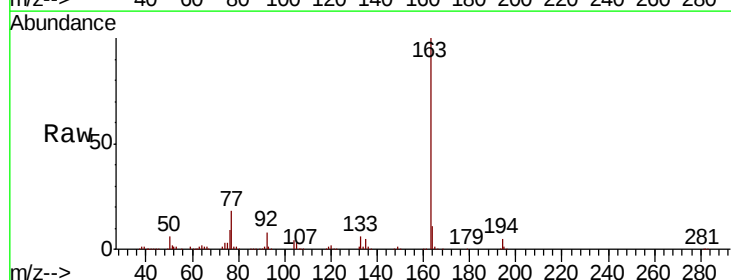
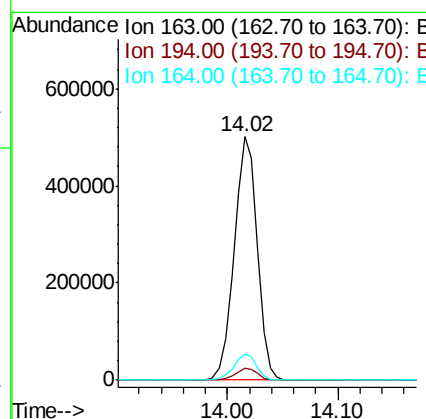
RT: 14.02 min Scan# 1860

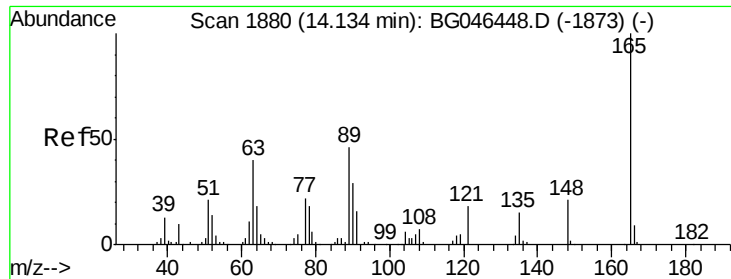
Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Tgt Ion:	163	Resp:	729996
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	10.9	8.6	12.8





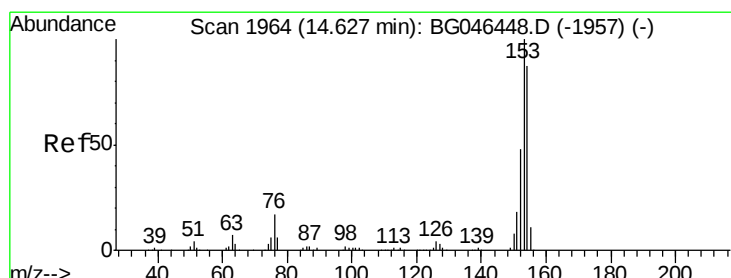
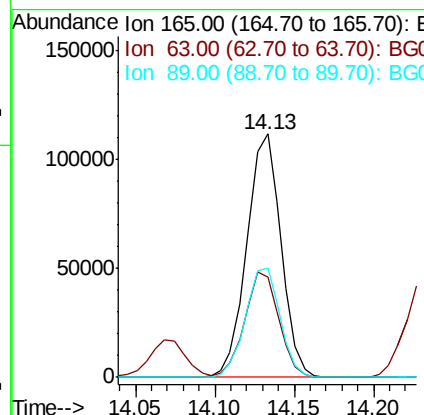
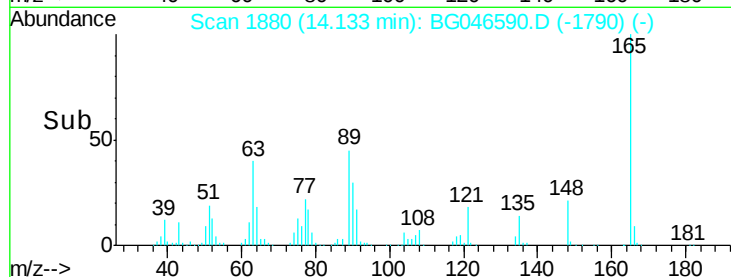
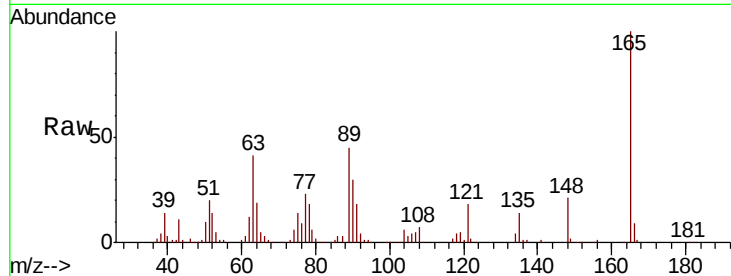
#51
 2,6-Dinitrotoluene
 Concen: 47.560 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampled :
 SU-04-090820MS

Tot Ion:	165	Resp:	167177
Ion Ratio	Lower	Upper	
165	100		
63	41.2	34.2	51.4
89	44.6	37.0	55.4

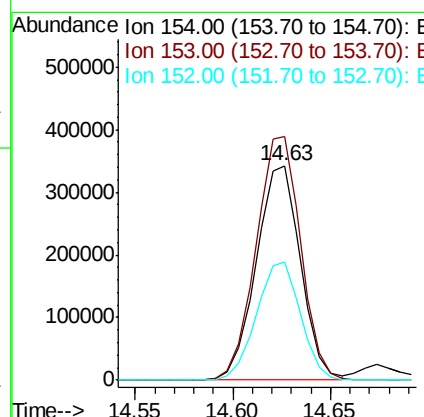
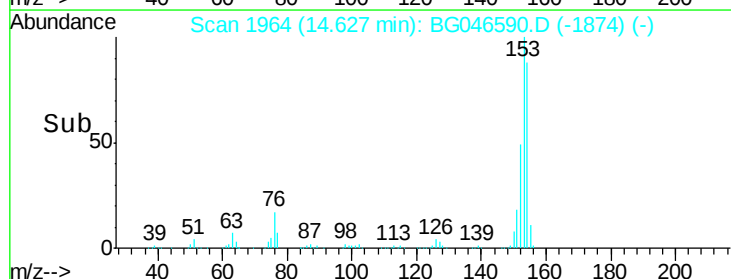
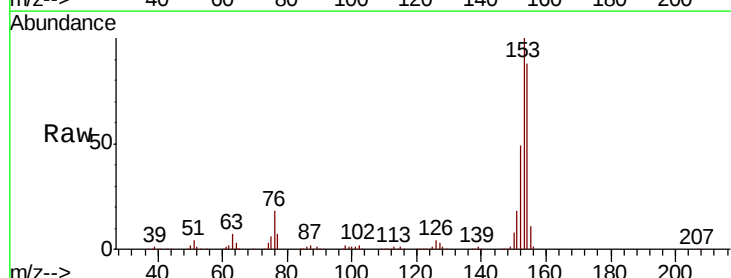
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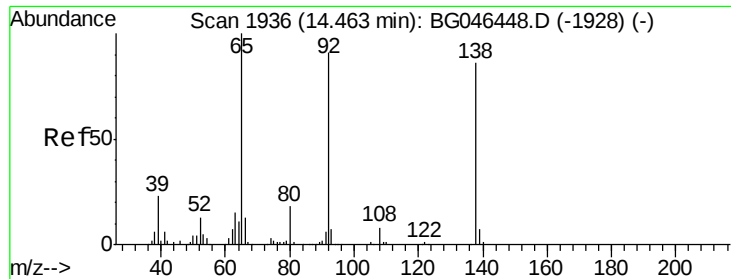
mohammad
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#52
 Acenaphthene
 Concen: 47.022 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion:	154	Resp:	537431
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.9	137.9
152	55.3	43.8	65.6





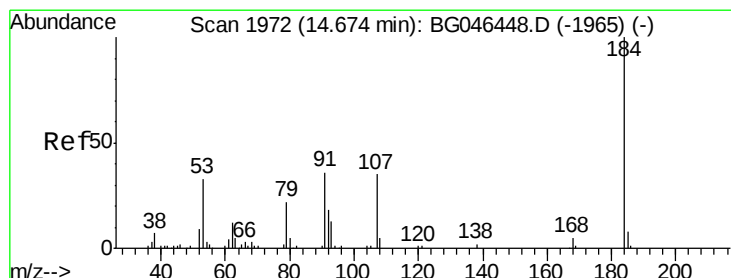
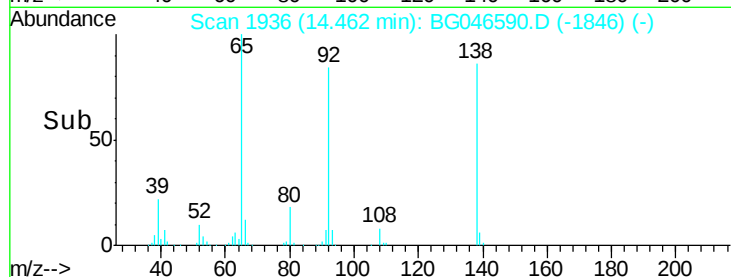
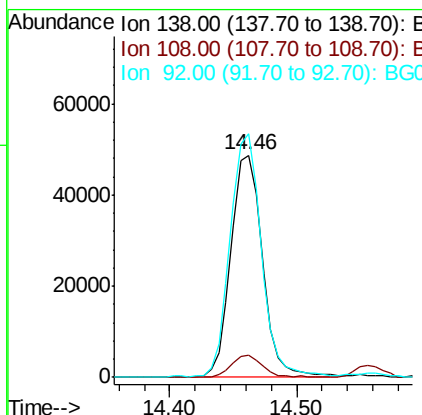
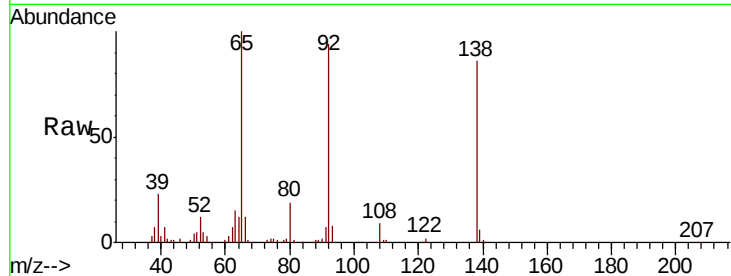
#53
3-Nitroaniline
Concen: 22.184 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.0	10.6
92	109.7	84.6	127.0

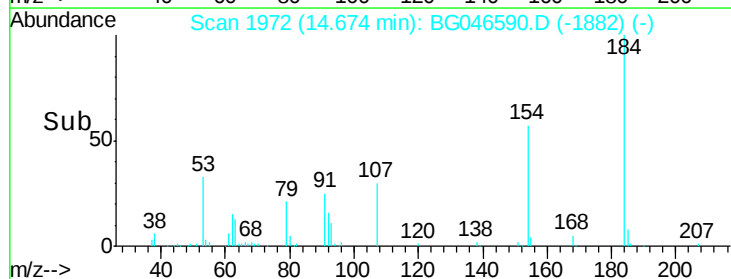
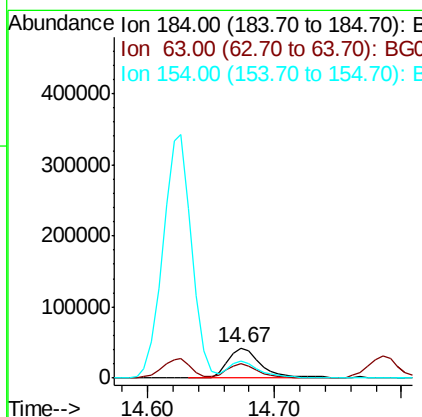
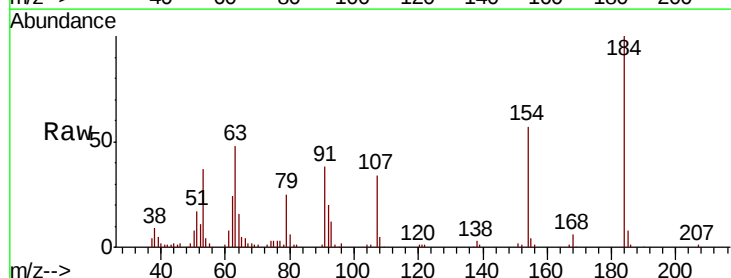
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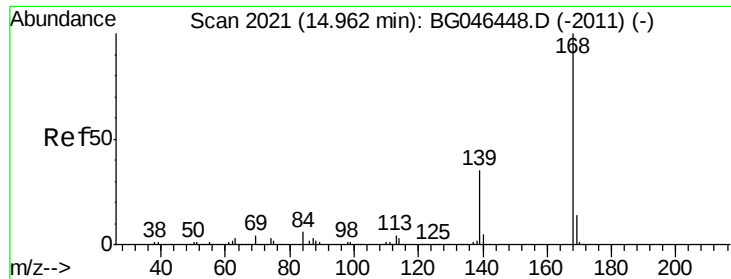
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#54
2,4-Dinitrophenol
Concen: 37.599 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.2	35.6	53.4
154	56.8	44.3	66.5





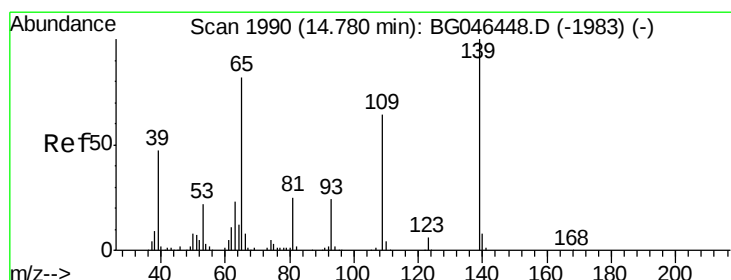
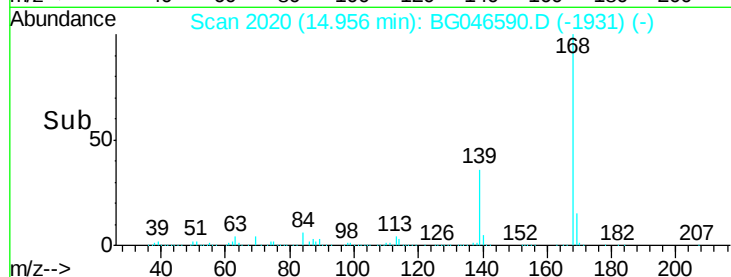
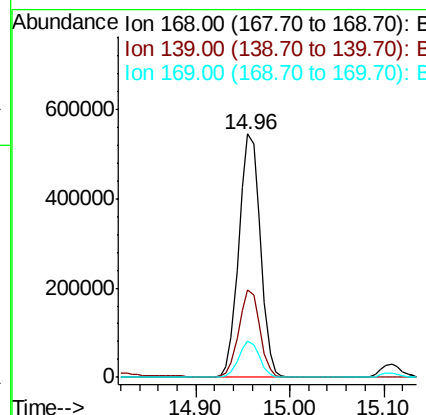
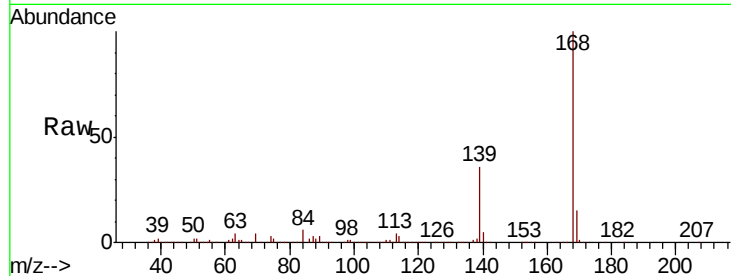
#55
Dibenzenofuran
Concen: 47.136 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.1	42.1
169	14.8	11.5	17.3

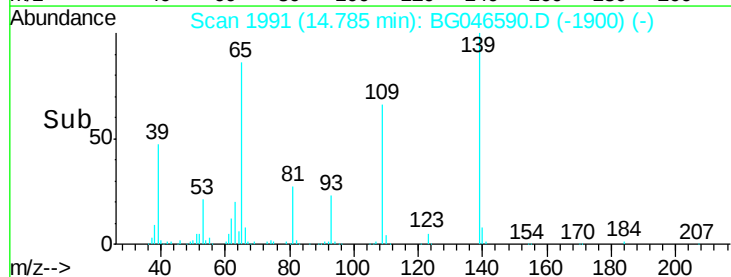
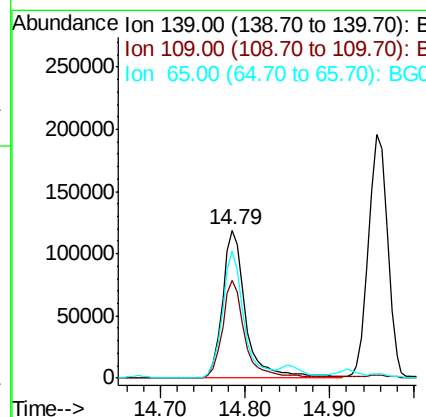
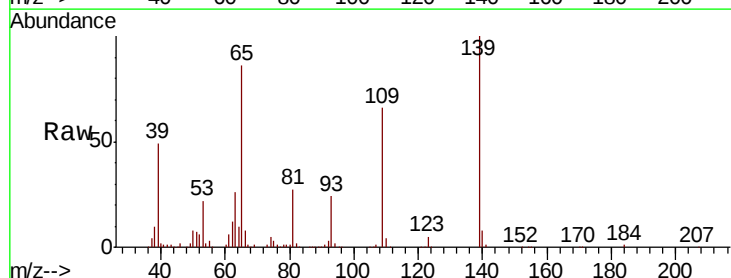
Manual Integrations
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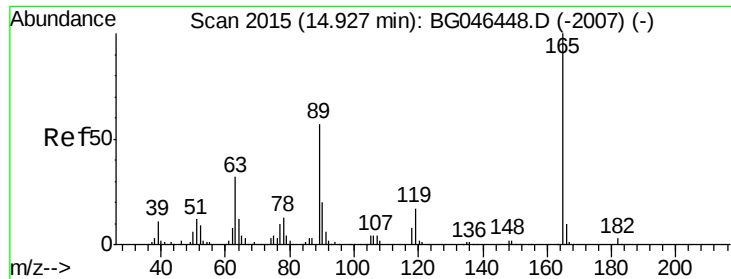
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#56
4-Nitrophenol
Concen: 81.819 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	44.3	84.3
65	86.3	61.5	101.5





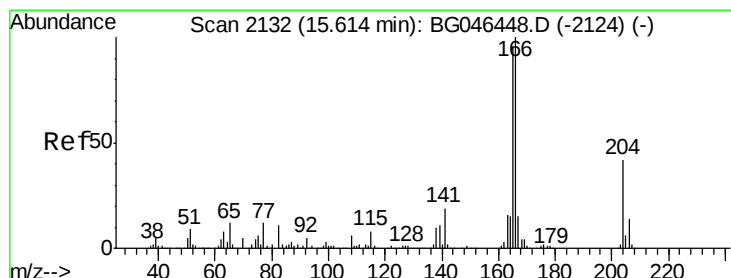
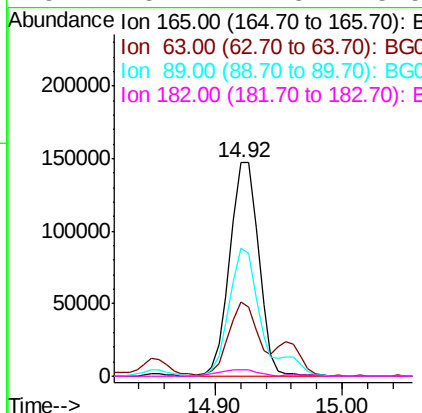
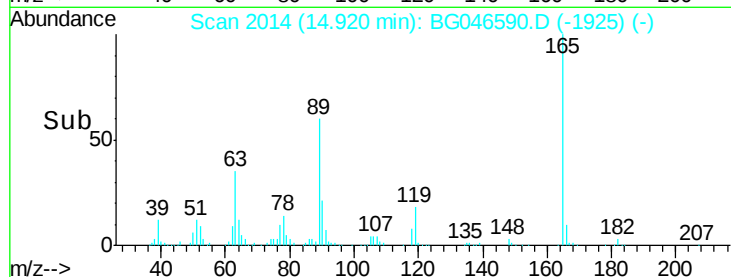
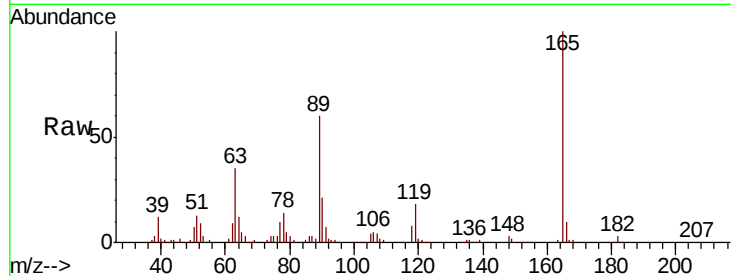
#57
 2,4-Dinitrotoluene
 Concen: 46.376 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232440		
63	34.8	25.4	38.0	
89	59.8	45.9	68.9	
182	3.1	2.3	3.5	

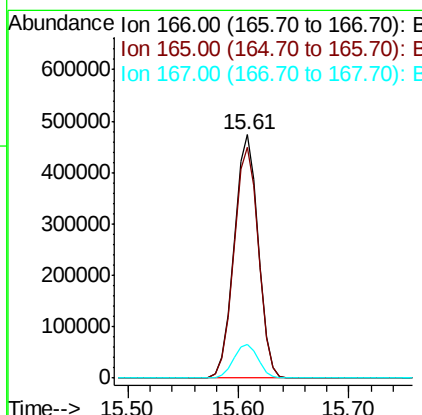
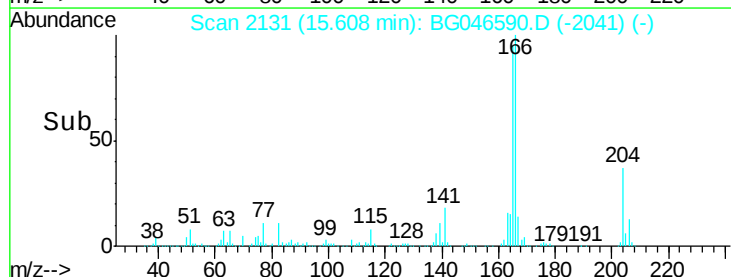
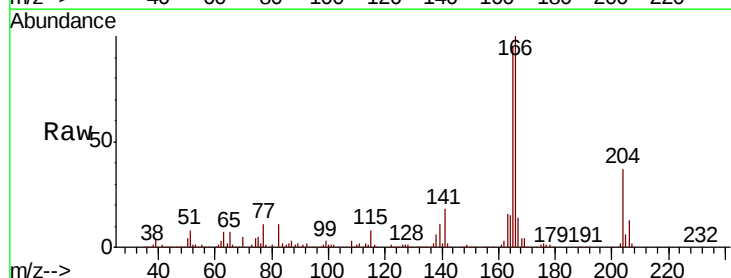
Manual Integrations
 APPROVED

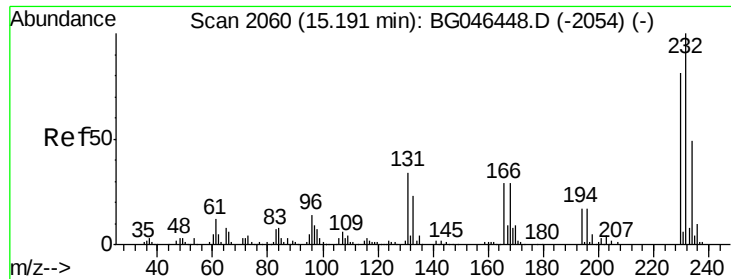
mohammad
 9/11/2020 11:47:53 AM



#58
 Fluorene
 Concen: 47.021 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	723871		
165	94.8	77.0	115.4	
167	13.7	11.8	17.6	





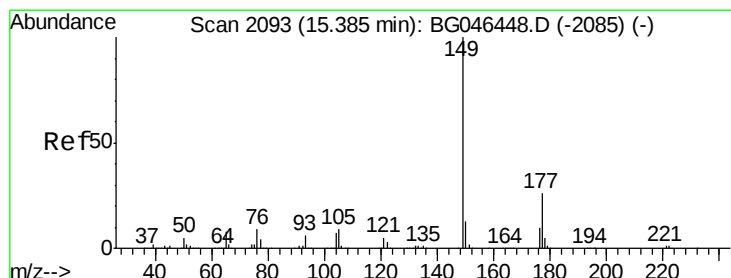
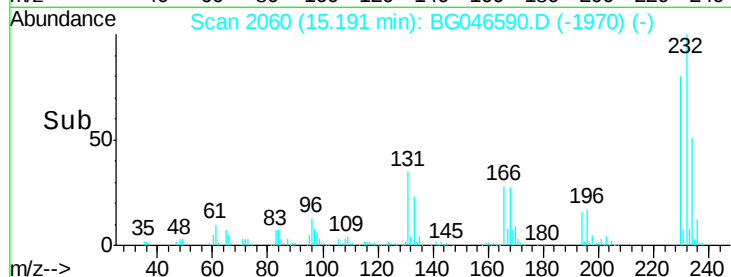
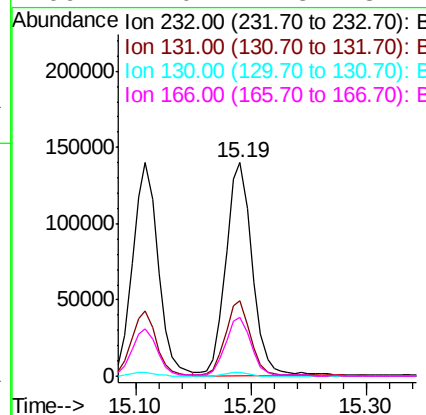
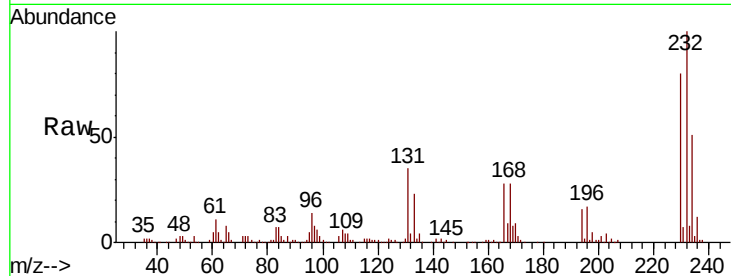
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.287 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	221295		
131	33.3	26.8	40.2	
130	1.9	1.4	2.2	
166	27.0	22.8	34.2	

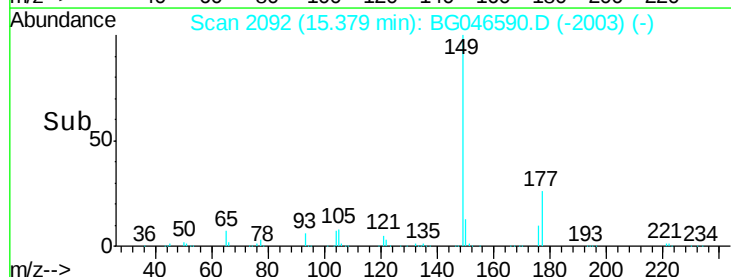
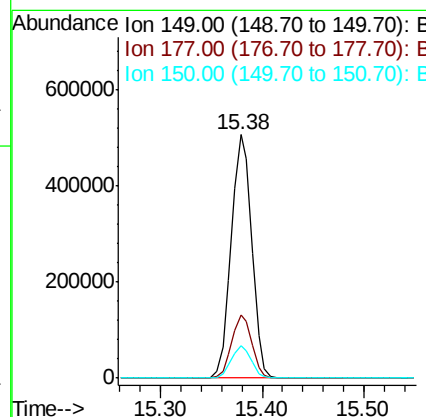
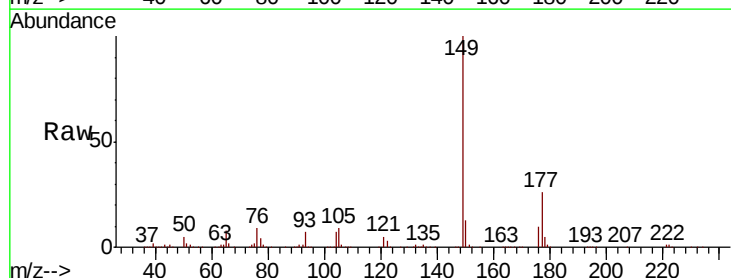
Manual Integrations
APPROVED

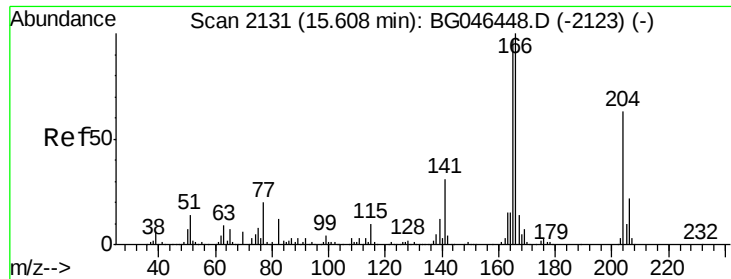
mohammad
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#60
Diethylphthalate
Concen: 45.825 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712456		
177	25.9	20.6	30.8	
150	13.3	10.3	15.5	





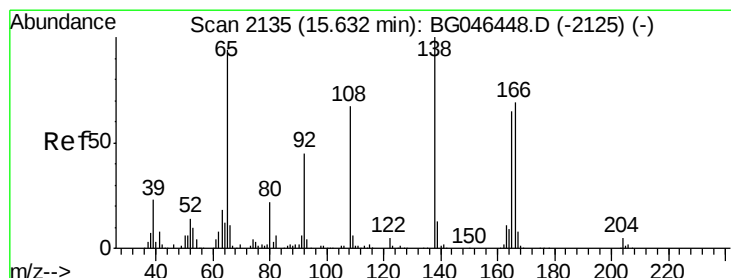
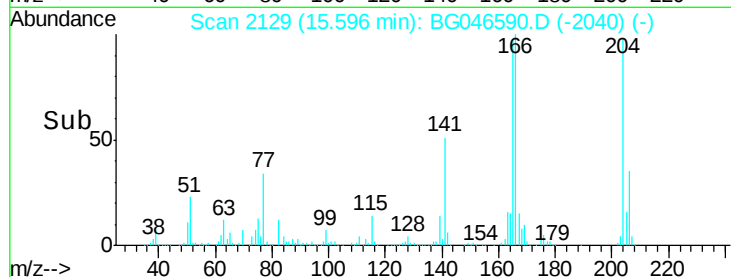
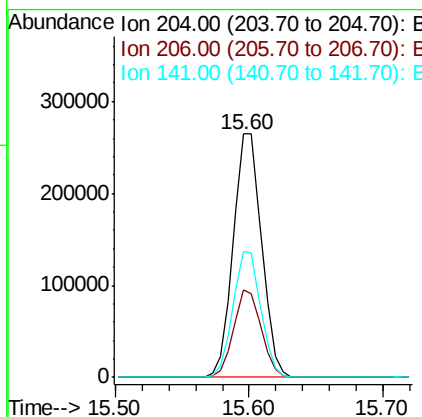
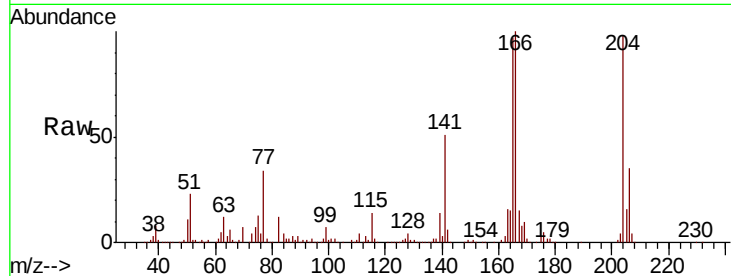
#61
 4-Chlorophenyl-phenylether
 Concen: 46.204 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion:	204	Resp:	391737
Ion Ratio		Lower	Upper
204	100		
206	35.9	27.7	41.5
141	51.7	38.7	58.1

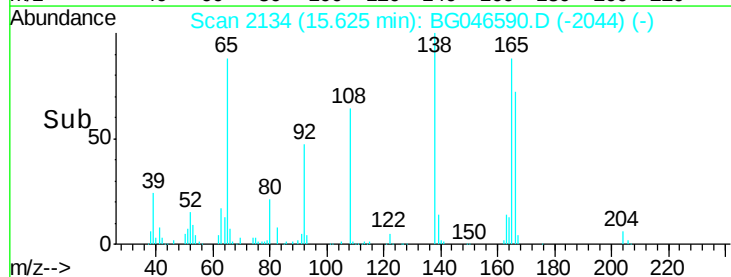
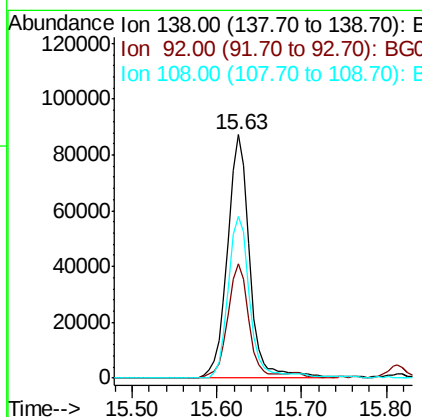
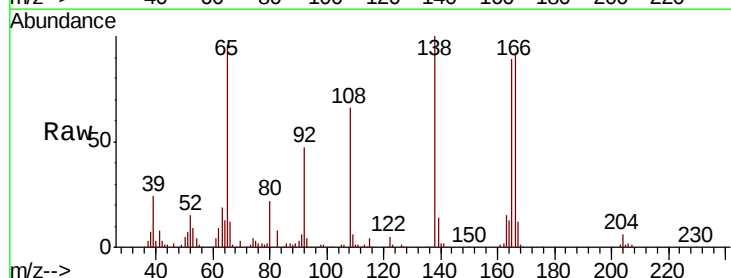
Manual Integrations
 APPROVED

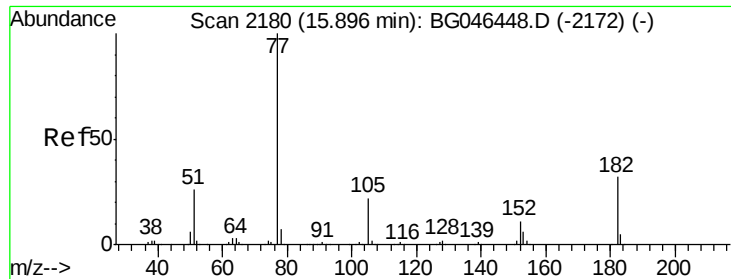
mohammad
 9/11/2020 11:47:53 AM



#62
 4-Nitroaniline
 Concen: 39.348 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion:	138	Resp:	158085
Ion Ratio		Lower	Upper
138	100		
92	47.2	25.3	65.3
108	66.3	46.7	86.7





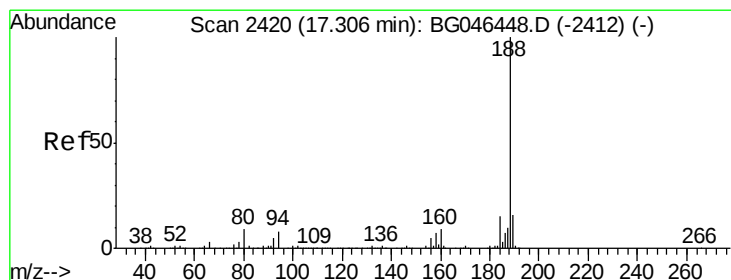
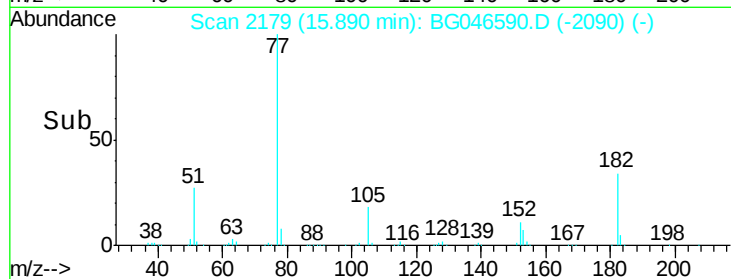
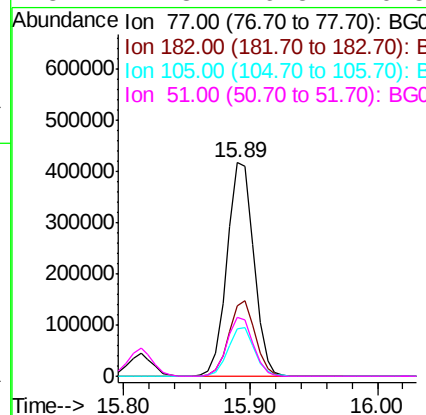
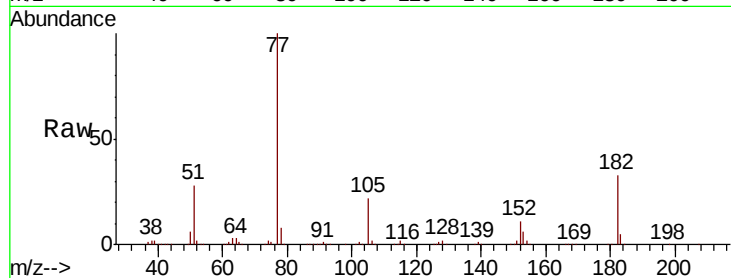
#63
Azobenzene
Concen: 47.873 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.1	12.3	52.3	
105	21.9	2.3	42.3	
51	27.8	6.5	46.5	

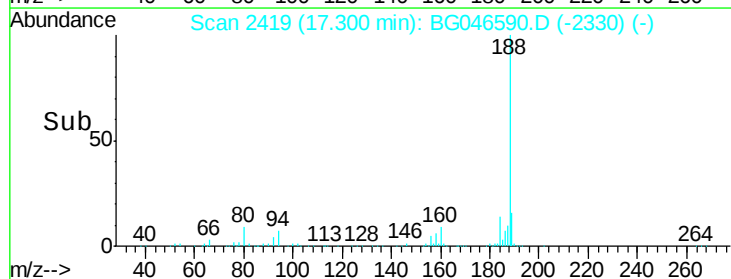
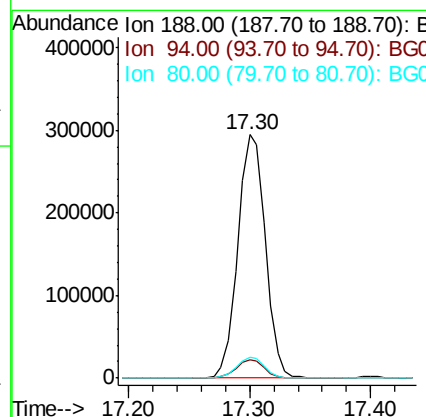
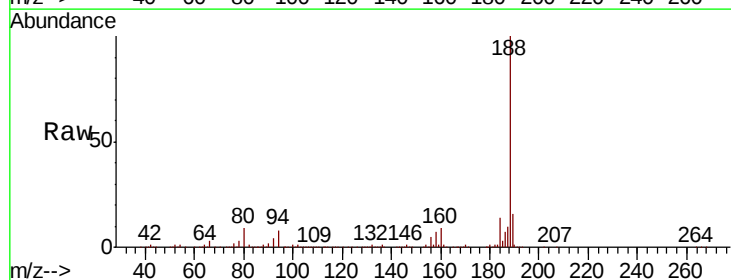
Manual Integrations
APPROVED

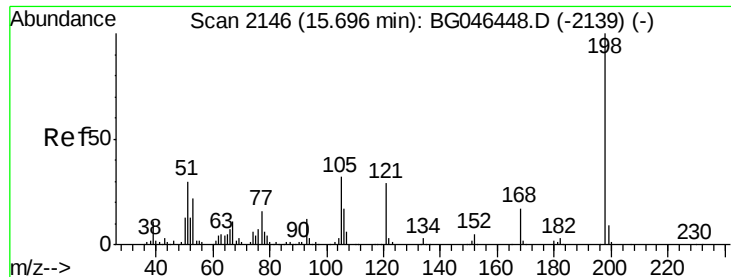
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	6.3	9.5	
80	8.7	6.9	10.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 33.857 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

ClientSampleId :

SU-04-090820MS

Tot Ion:198 Resp: 89553

Ion Ratio Lower Upper

198 100

51 32.2 10.4 50.4

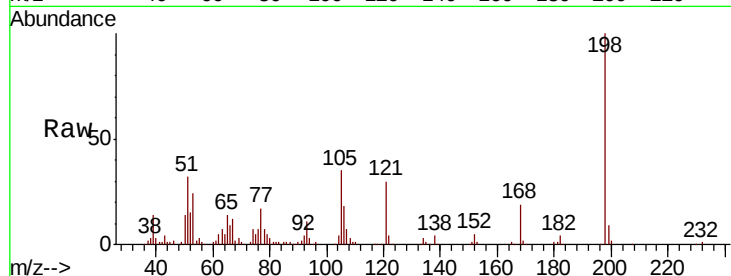
105 34.5 12.4 52.4

Manual Integrations

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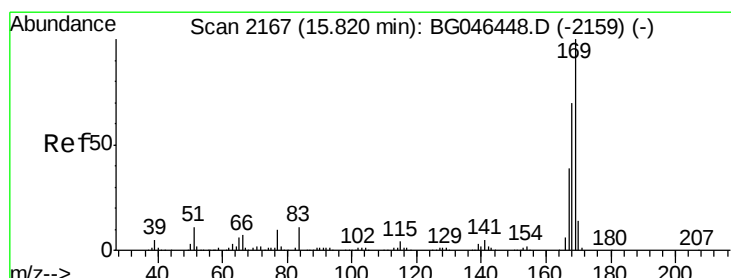
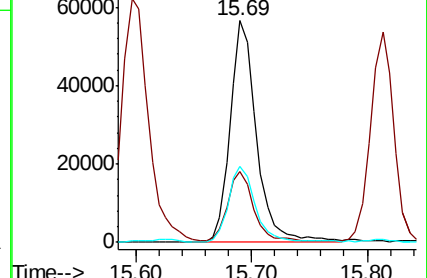
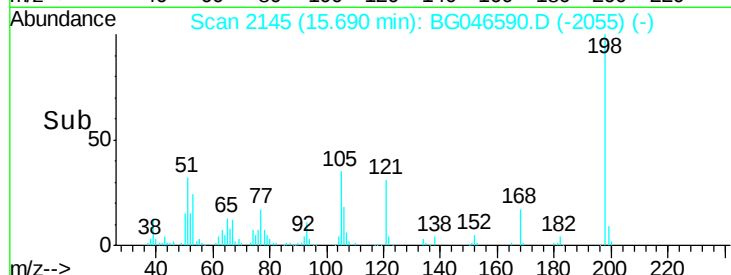
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.019 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

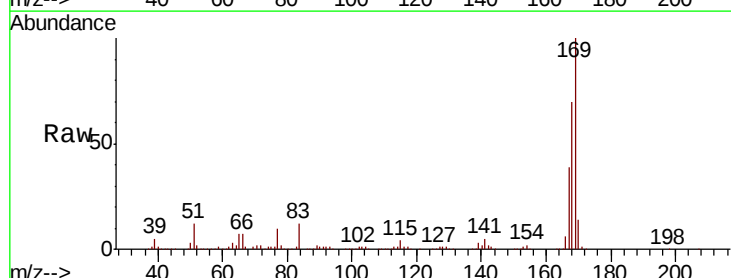
Tgt Ion:169 Resp: 643202

Ion Ratio Lower Upper

169 100

168 70.4 55.8 83.8

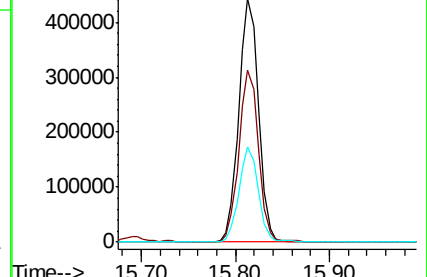
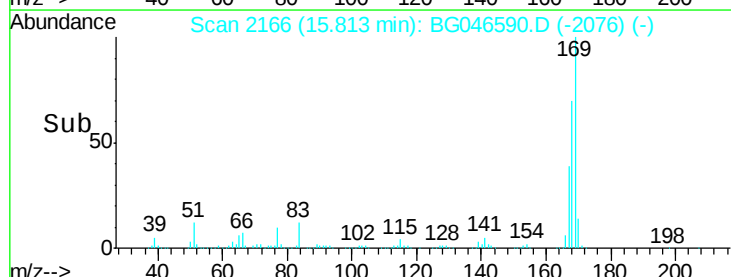
167 39.0 31.0 46.6

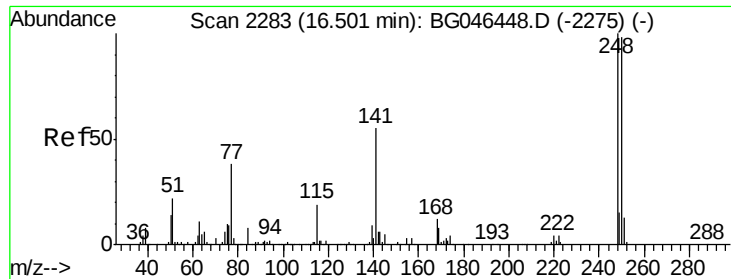


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





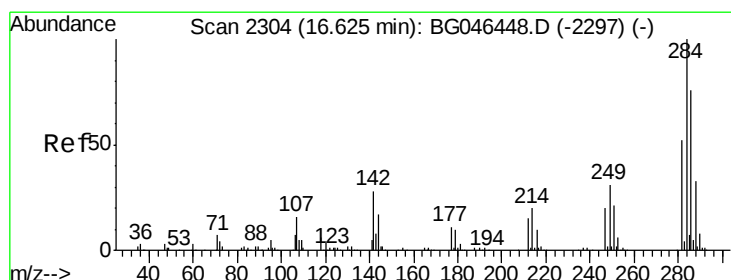
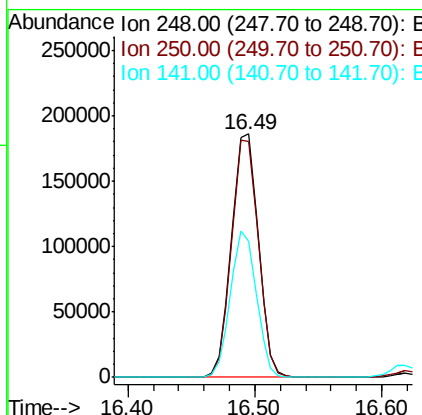
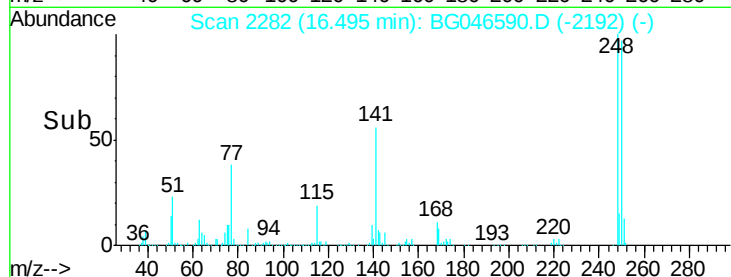
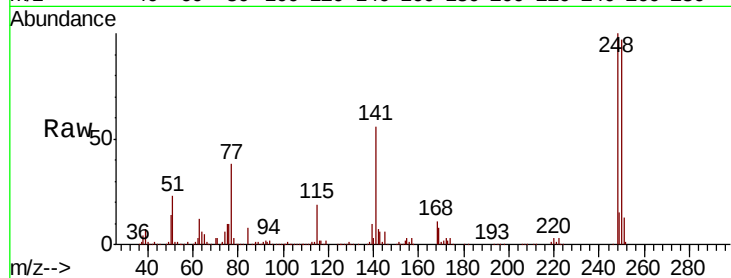
#67
4-Bromophenyl-phenylether
Concen: 49.915 ng
RT: 16.49 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.6	118.0
141	56.0	43.9	65.9

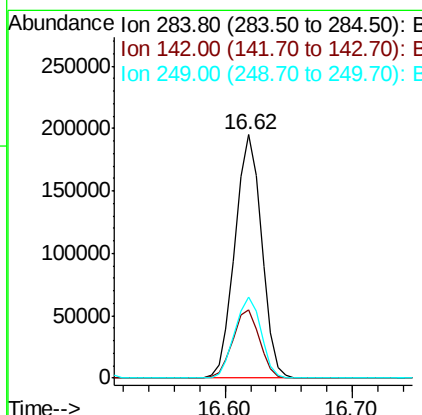
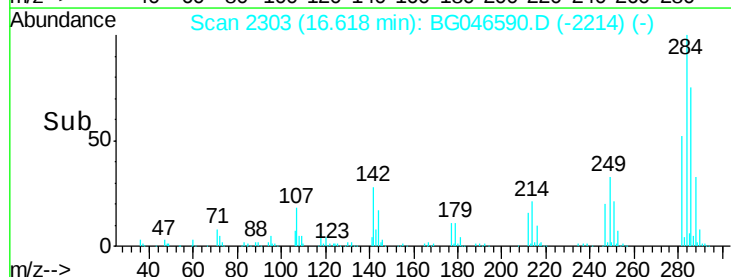
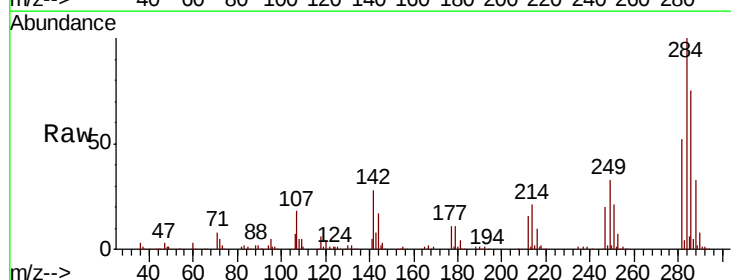
Manual Integrations
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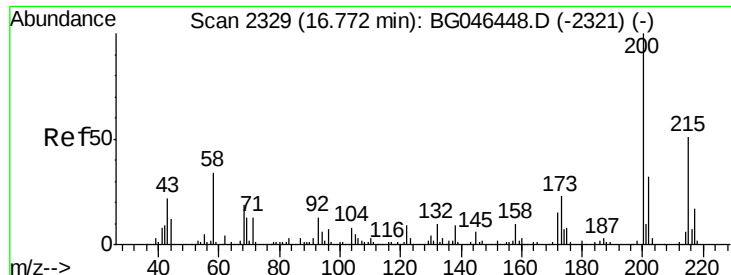
mohammad
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#68
Hexachlorobenzene
Concen: 46.954 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.3	33.5
249	33.2	24.8	37.2





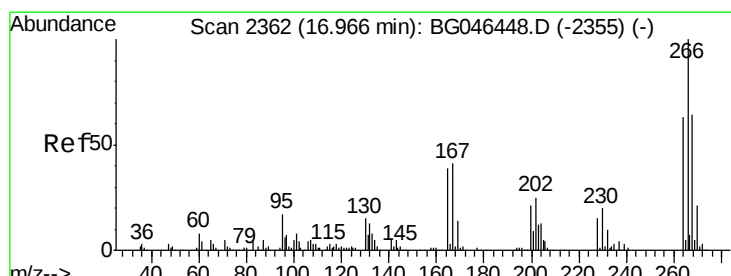
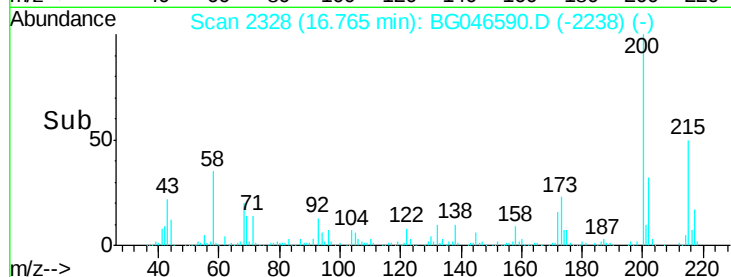
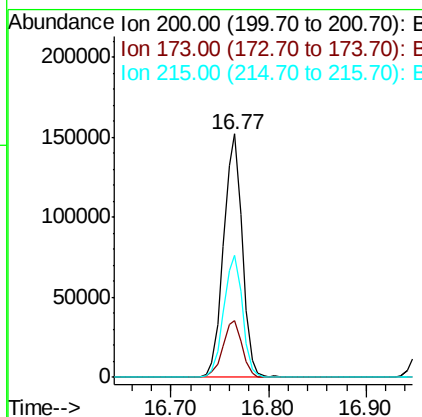
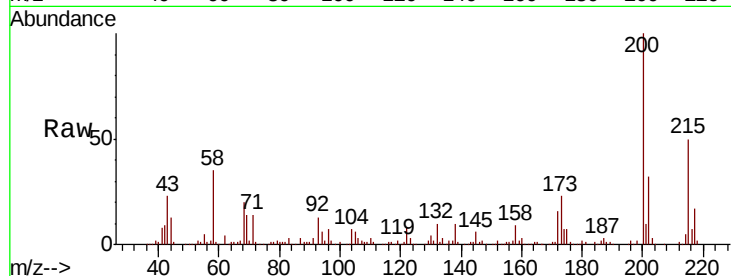
#69
 Atrazine
 Concen: 39.252 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	201880		
173	23.1	3.3	43.3	
215	50.1	30.9	70.9	

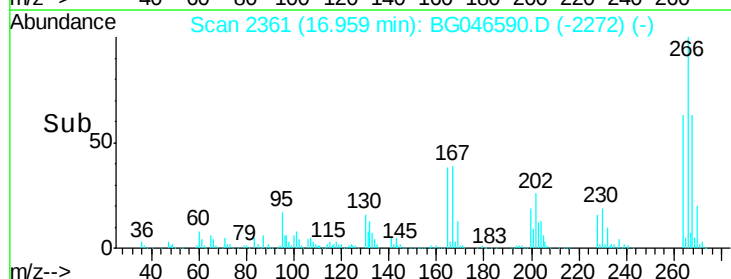
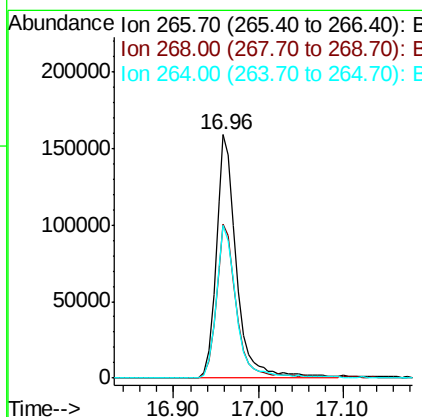
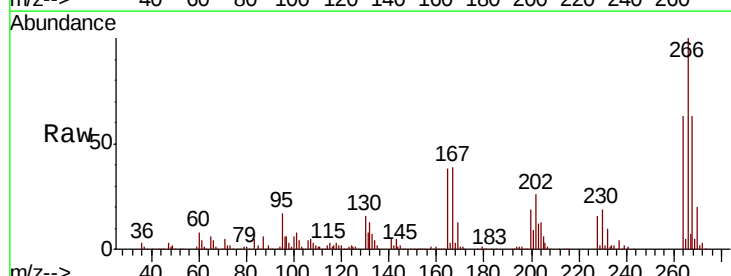
Manual Integrations
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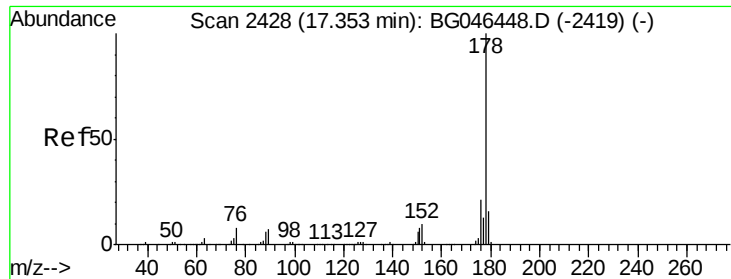
mohammad
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#70
 Pentachlorophenol
 Concen: 84.758 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	267391		
268	63.5	51.1	76.7	
264	62.6	50.2	75.2	





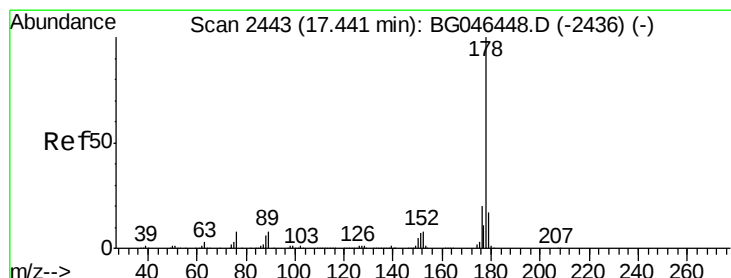
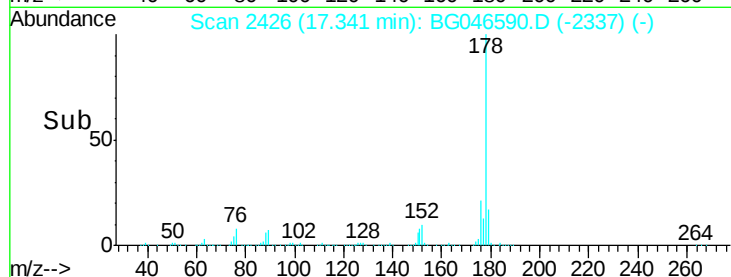
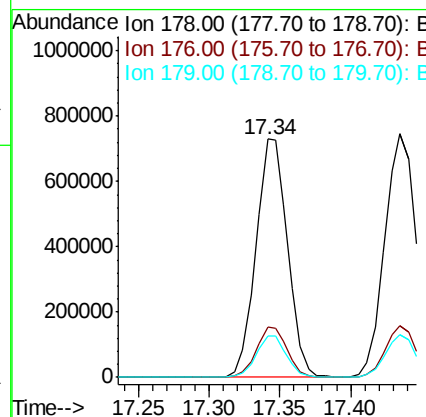
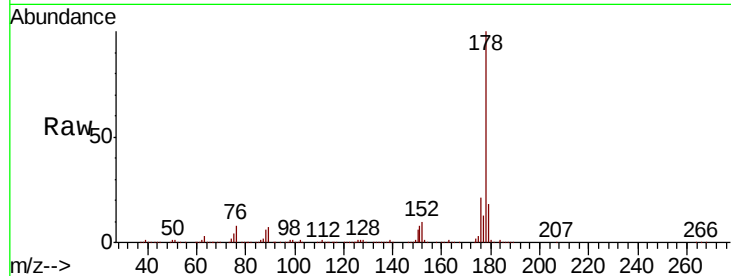
#71
Phenanthrene
Concen: 48.366 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion:178 Resp: 1145631
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.6 13.2 19.8

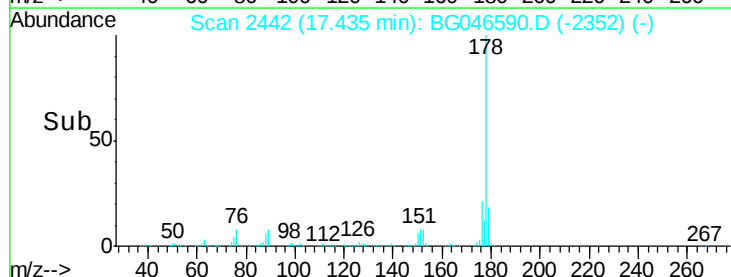
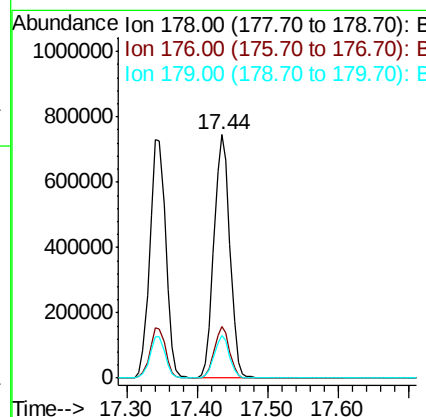
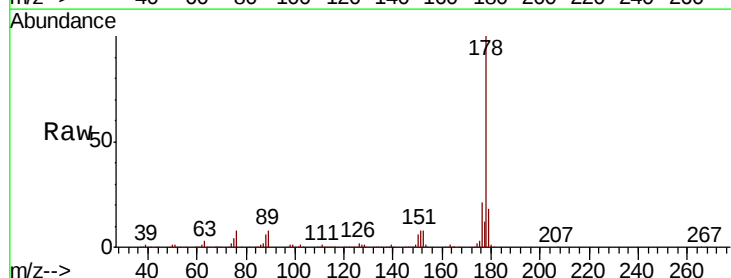
Manual Integrations
APPROVED

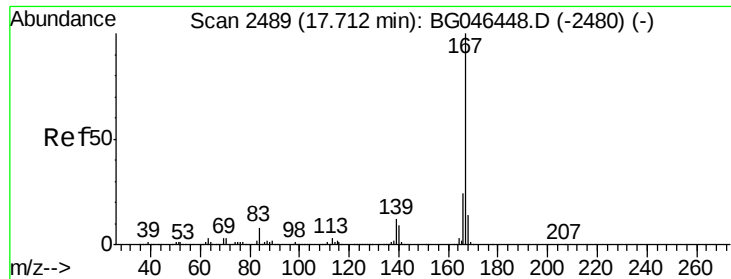
mohammad
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#72
Anthracene
Concen: 49.829 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion:178 Resp: 1164510
Ion Ratio Lower Upper
178 100
176 21.0 16.1 24.1
179 17.6 13.3 19.9





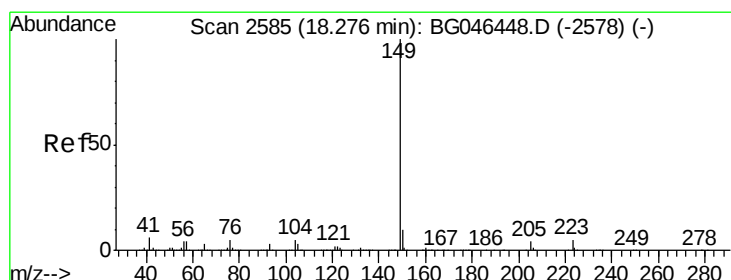
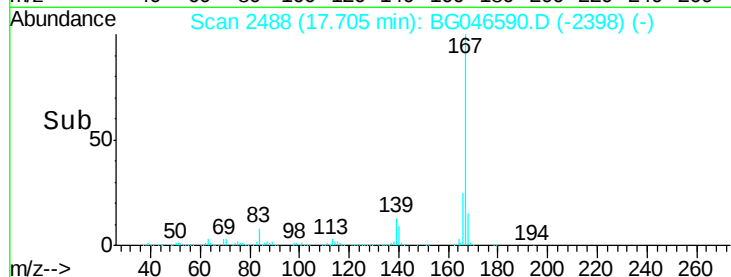
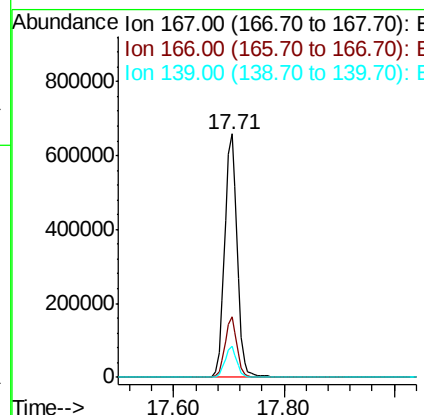
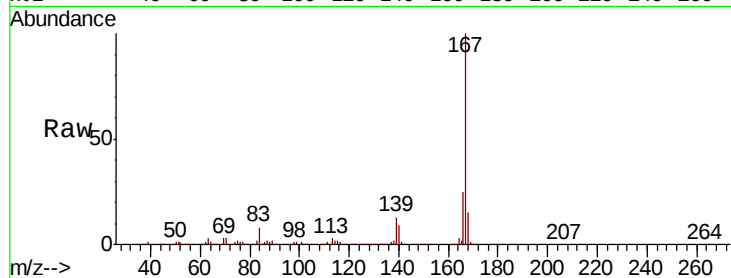
#73
 Carbazole
 Concen: 47.865 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.3	28.9
139	12.6	9.7	14.5

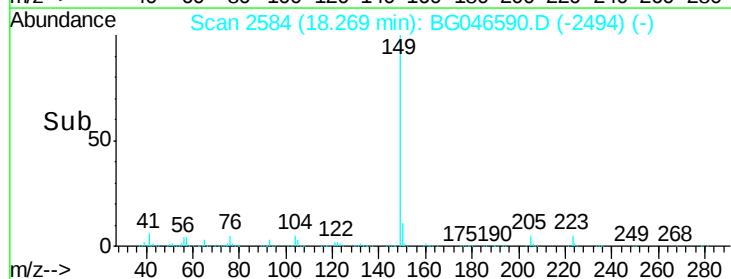
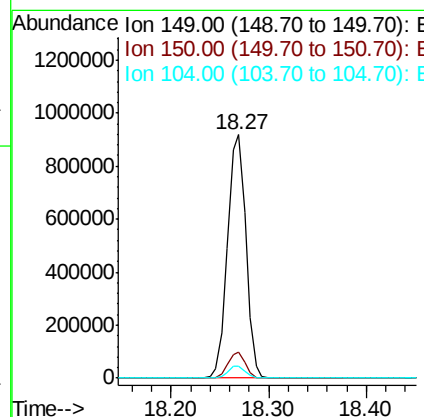
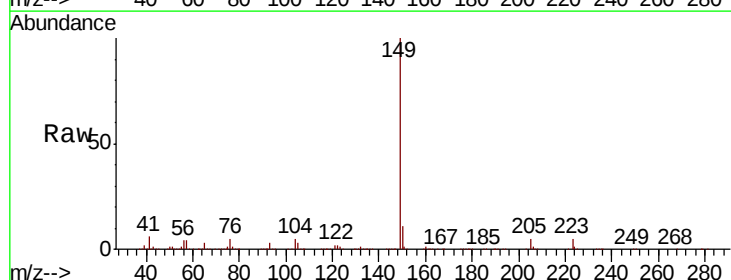
Manual Integrations
 APPROVED

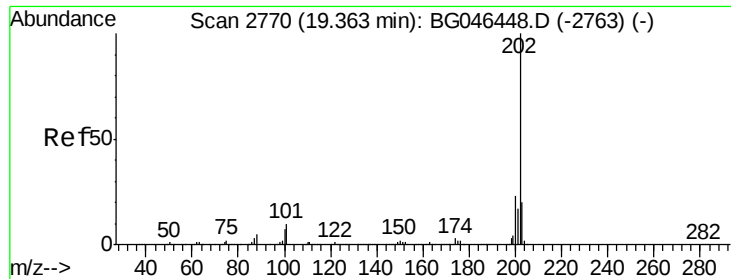
mohammad
 9/11/2020 11:47:53 AM



#74
 Di-n-butylphthalate
 Concen: 47.402 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 46.476 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

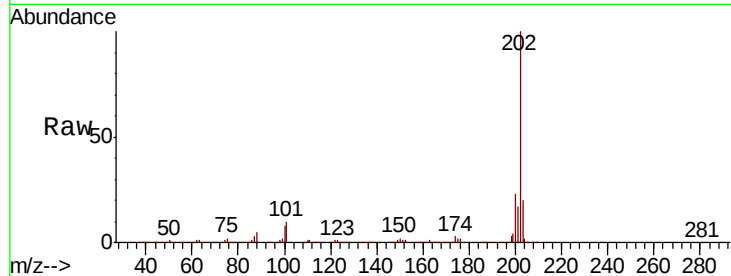
ClientSampleId :

SU-04-090820MS

Tot Ion:	202	Resp:	1416703
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.9
203	20.2	0.0	40.0

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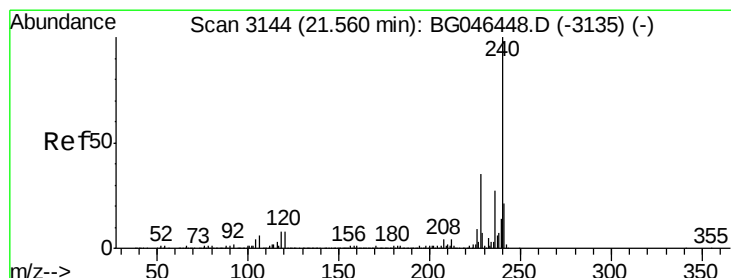
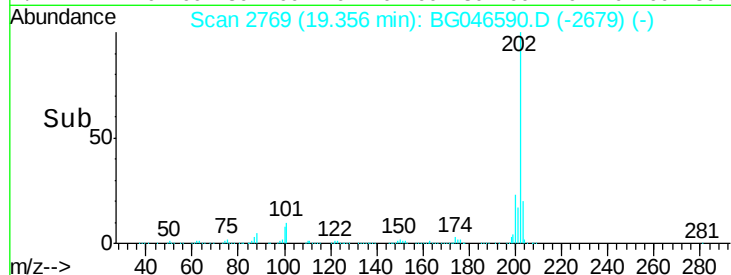
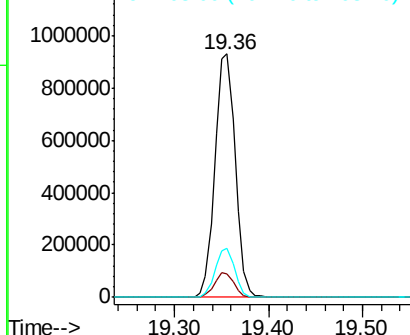


Abundance

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: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

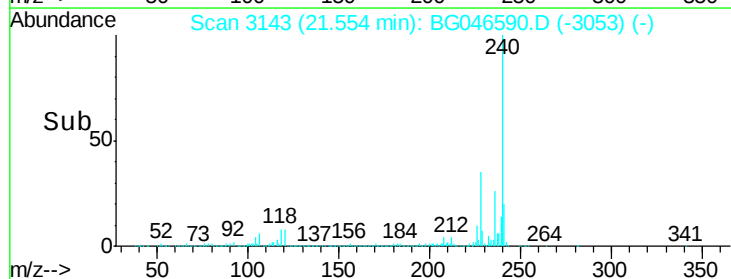
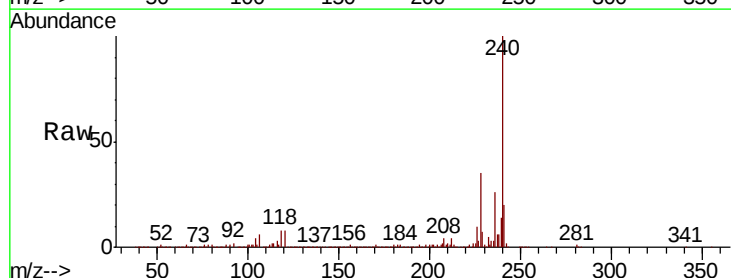
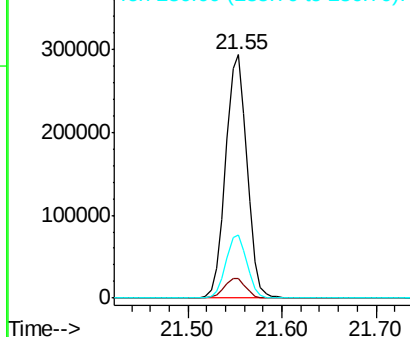
Tgt Ion:	240	Resp:	463953
Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	25.9	21.4	32.2

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





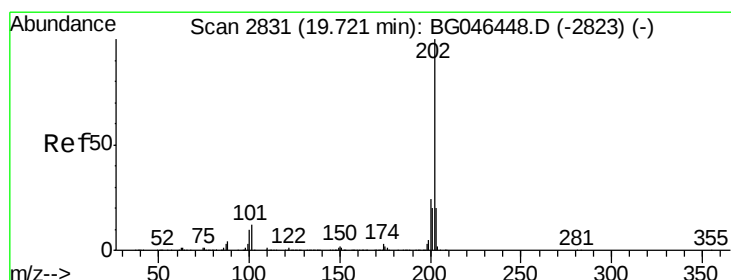
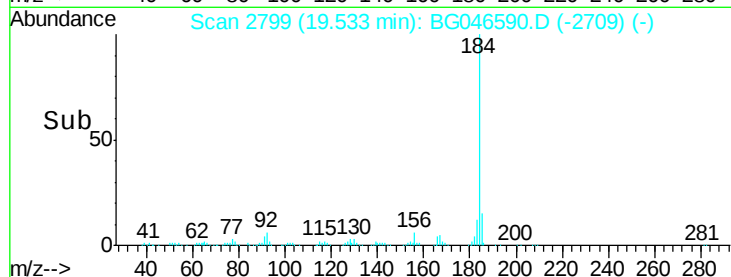
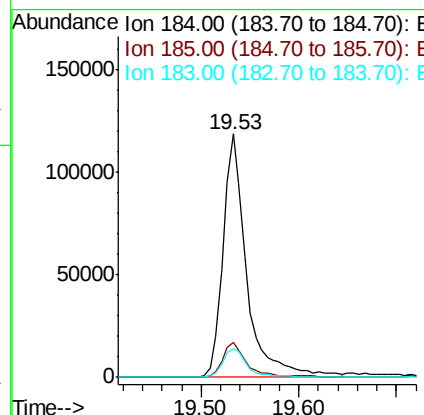
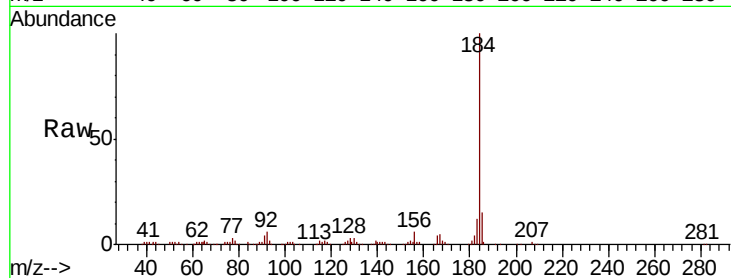
#77
Benzidine
Concen: 18.580 ng
RT: 19.53 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	11.6	10.7	16.1

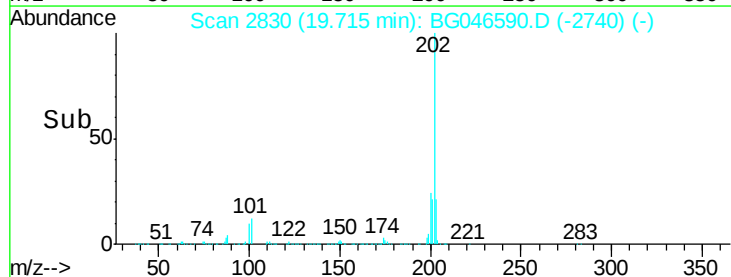
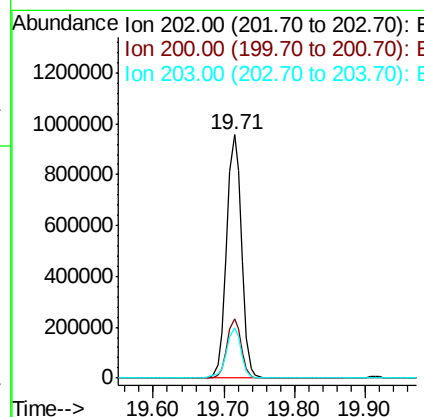
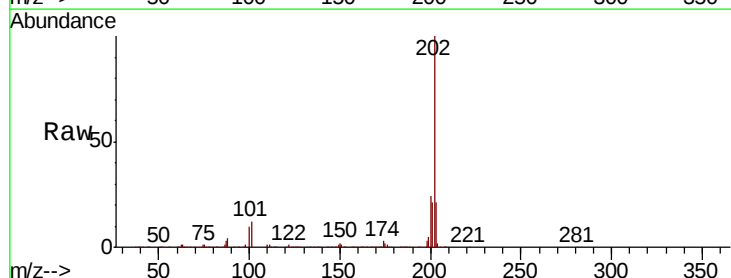
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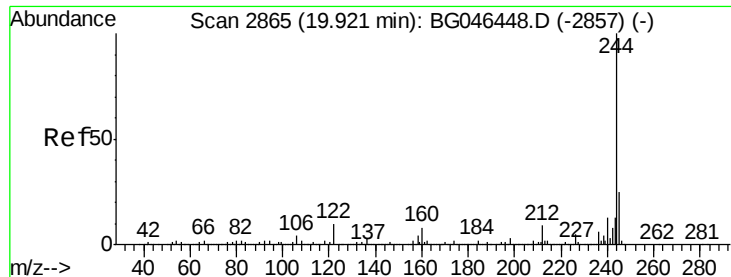
mohammad
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#78
Pyrene
Concen: 47.640 ng
RT: 19.71 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.9	28.3
203	20.8	16.1	24.1





#79

Terphenyl-d14

Concen: 78.253 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

Instrument :

BNA_G

ClientSampleId :

SU-04-090820MS

Tot Ion:244 Resp: 1705949

Ion Ratio Lower Upper

244 100

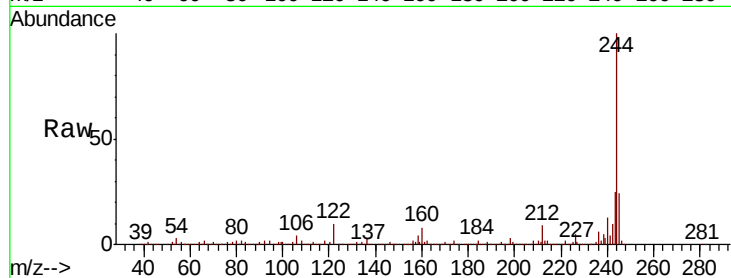
212 8.8 6.9 10.3

122 10.4 8.2 12.4

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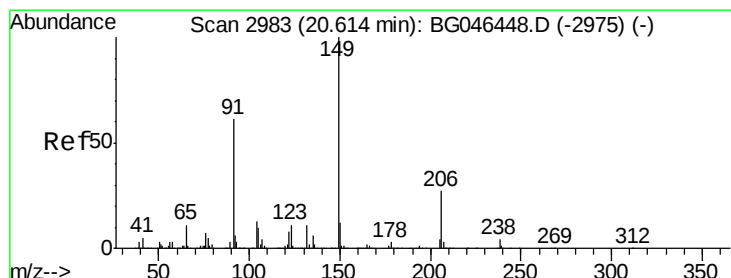
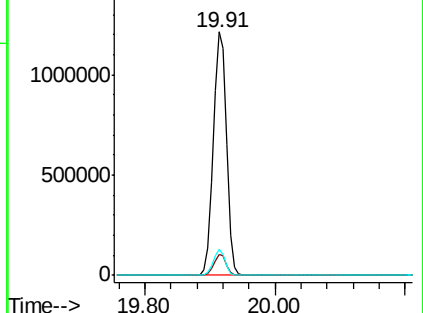
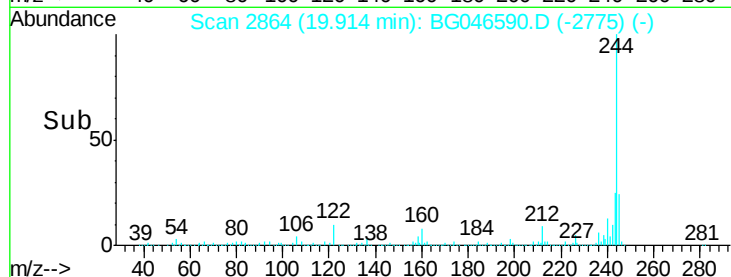
9/11/2020 11:47:53 AM



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: 47.817 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BG046590.D

Acq: 10 Sep 2020 20:32

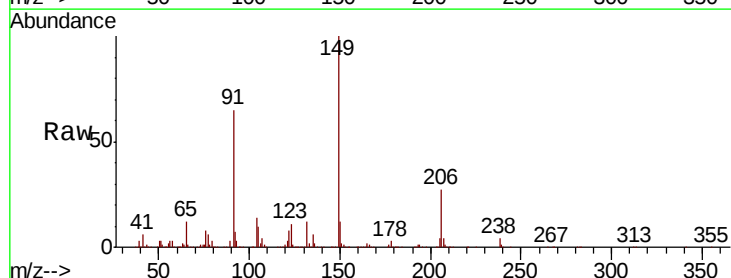
Tgt Ion:149 Resp: 551042

Ion Ratio Lower Upper

149 100

91 65.2 49.1 73.7

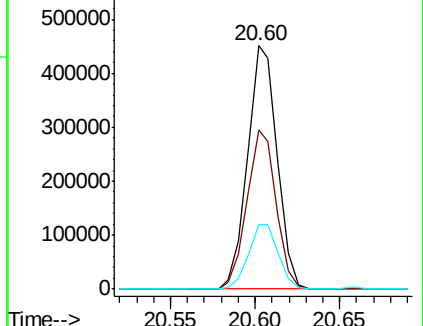
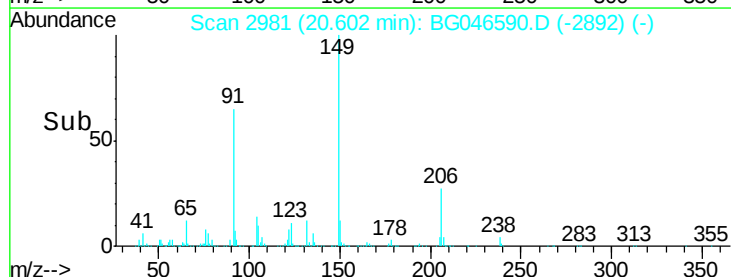
206 26.5 21.9 32.9

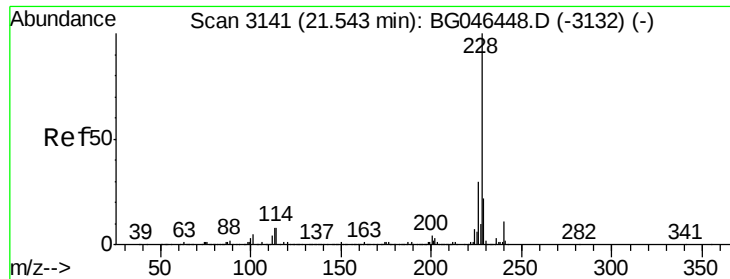


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





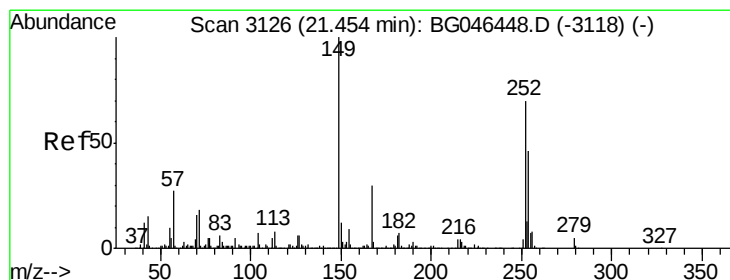
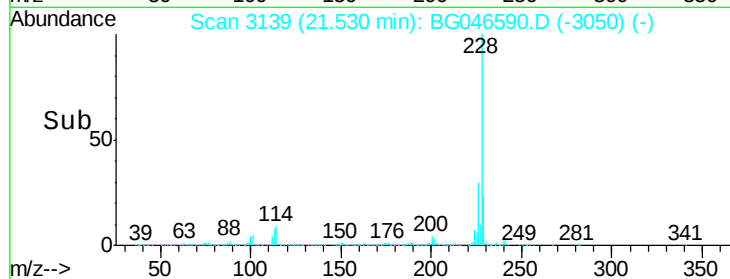
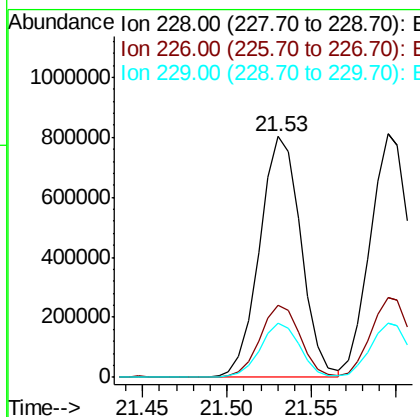
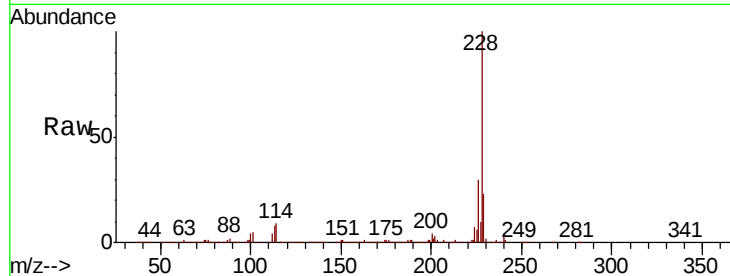
#81
Benzo(a)anthracene
Concen: 47.252 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	22.6	17.4	26.2

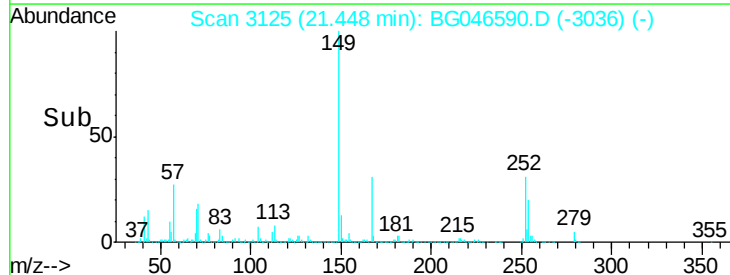
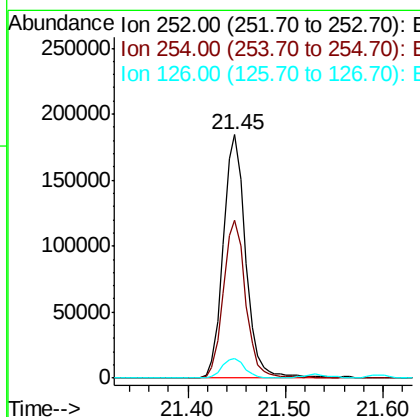
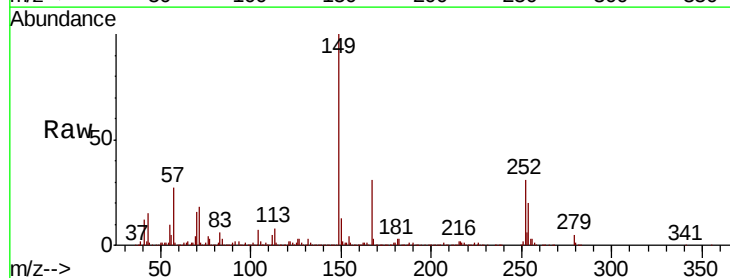
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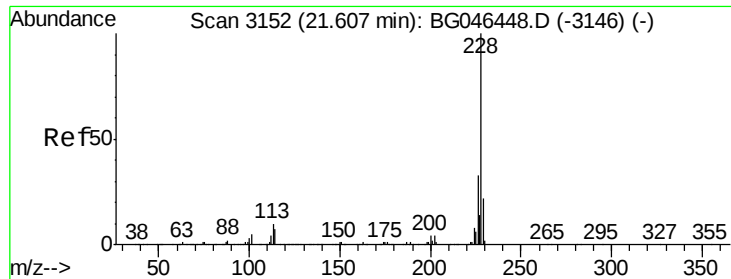
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.446 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	8.3	7.4	11.0





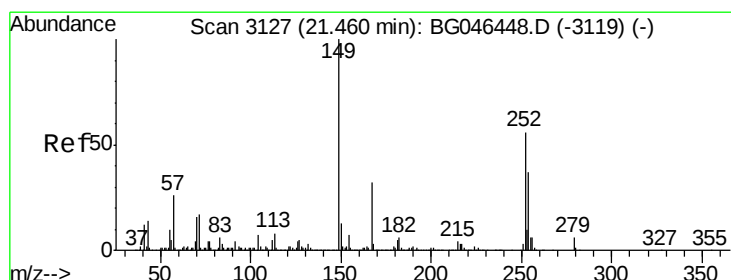
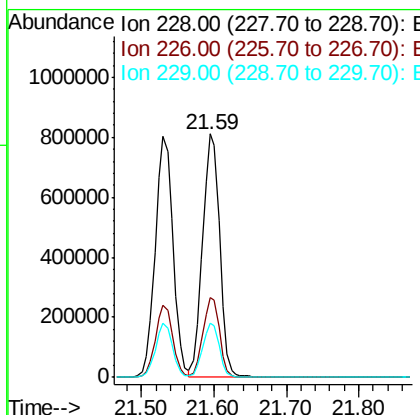
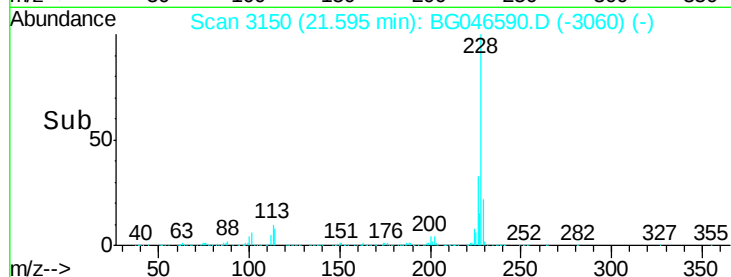
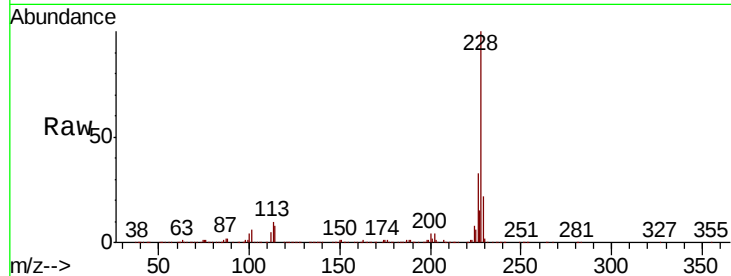
#83
Chrysene
Concen: 47.618 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampled :
SU-04-090820MS

Tot Ion:228 Resp: 1324590
Ion Ratio Lower Upper
228 100
226 32.9 26.2 39.4
229 22.4 17.9 26.9

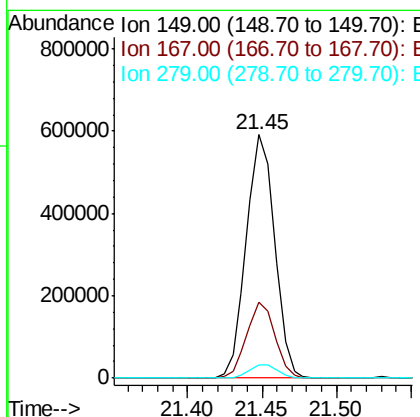
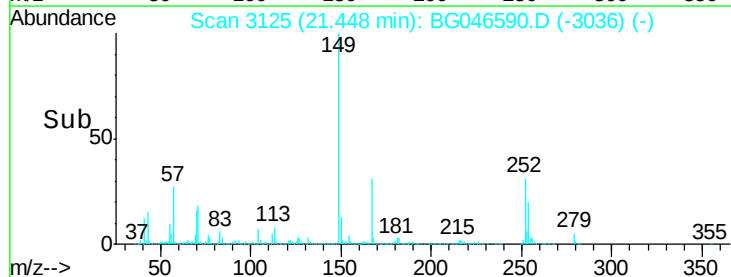
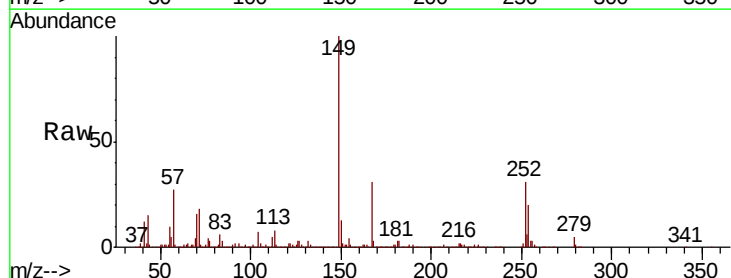
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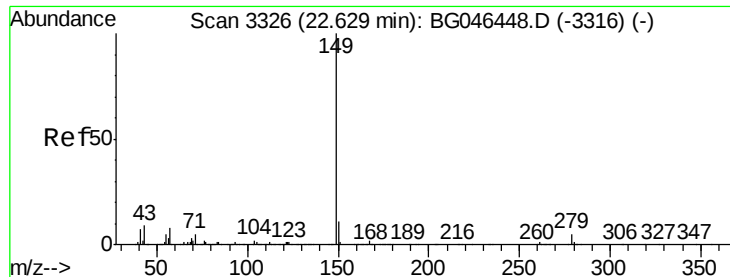
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.562 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion:149 Resp: 779434
Ion Ratio Lower Upper
149 100
167 31.3 25.4 38.2
279 5.4 4.5 6.7





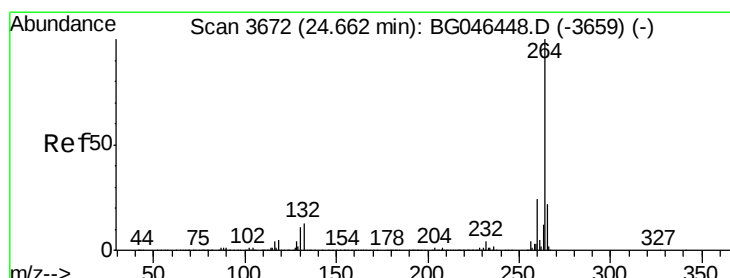
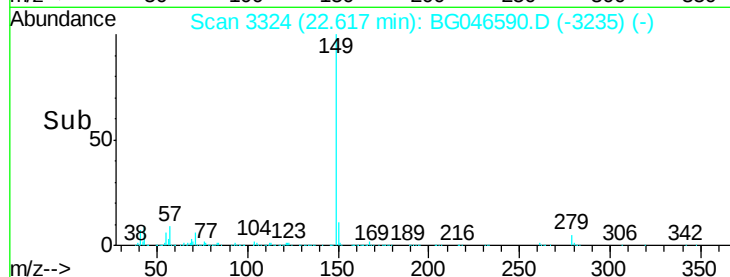
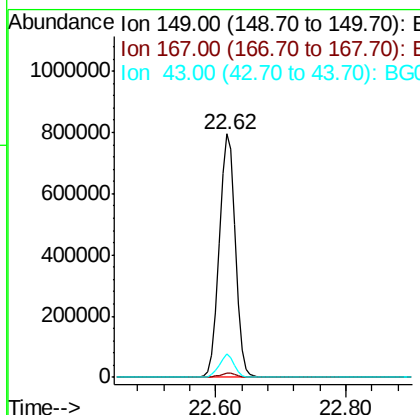
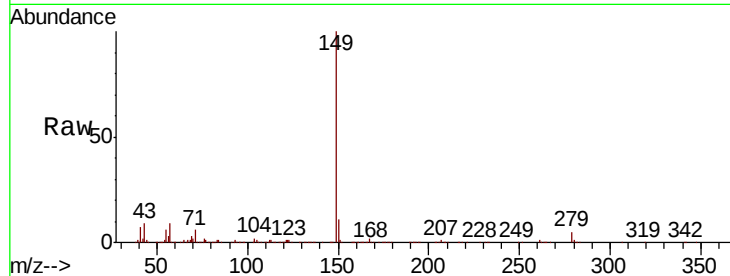
#85
Di-n-octyl phthalate
Concen: 50.089 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.7	7.0	10.4

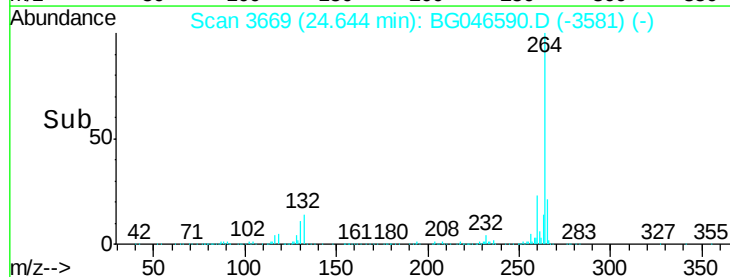
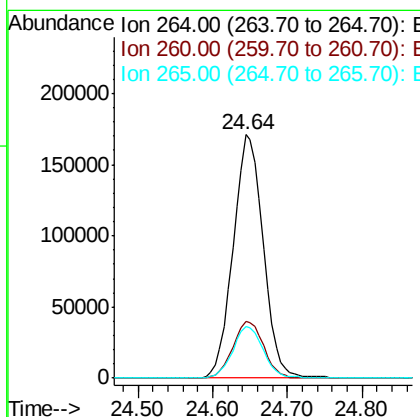
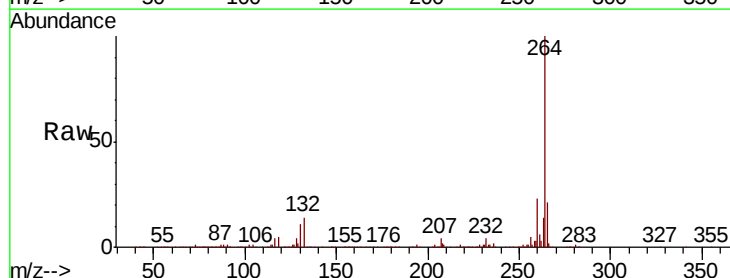
Manual Integrations
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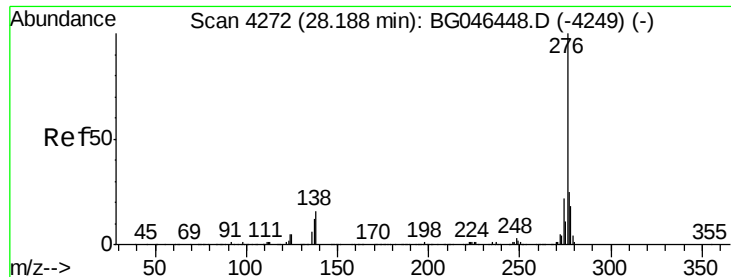
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.9	26.9





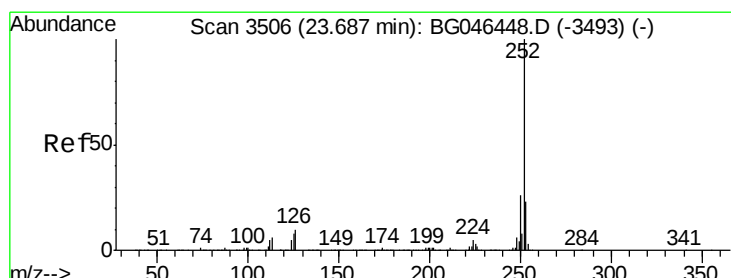
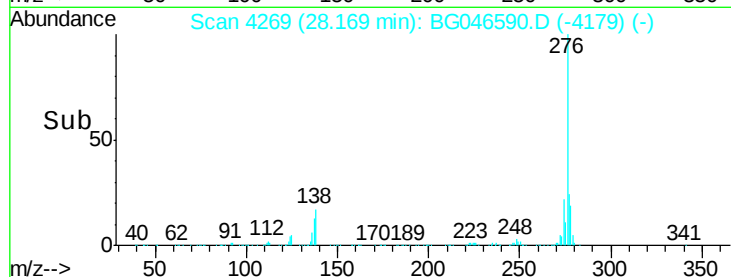
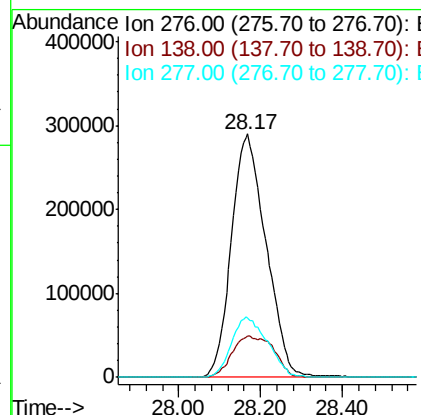
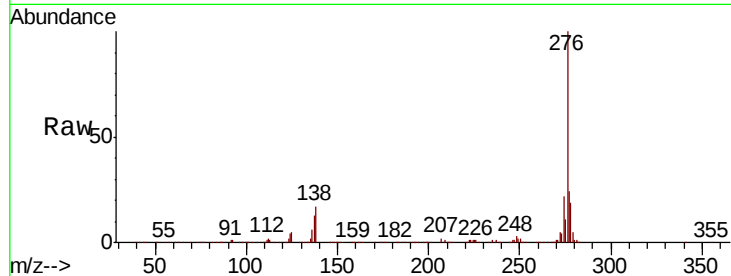
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.660 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.5	24.7
277	25.9	20.7	31.1

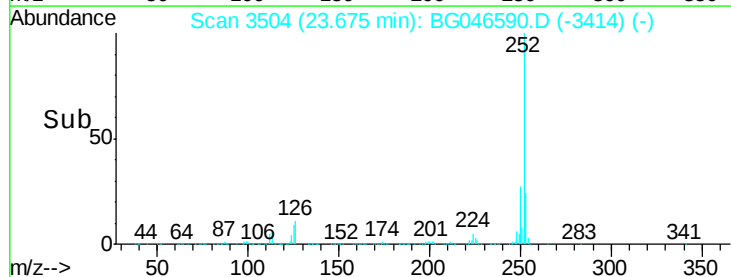
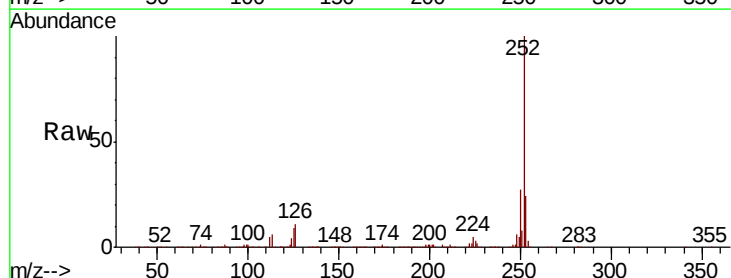
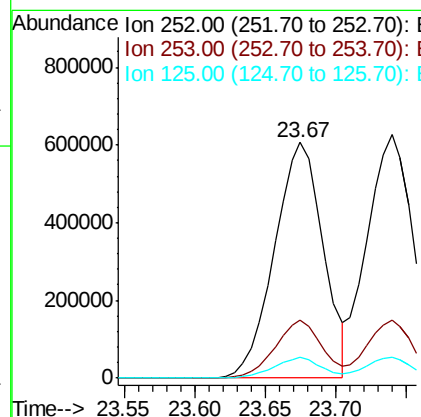
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#88
 Benzo(b)fluoranthene
 Concen: 48.869 ng
 RT: 23.67 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: BG046590.D
 Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	8.7	6.2	9.2





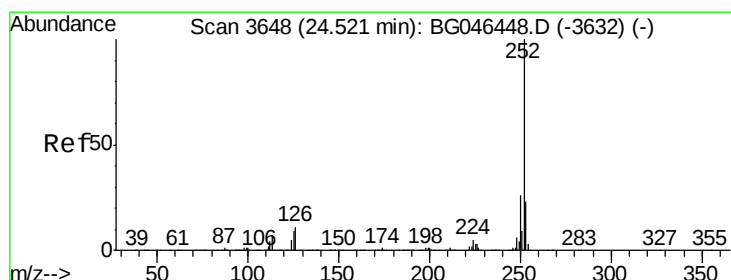
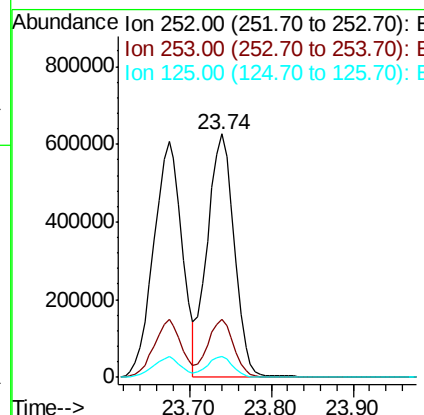
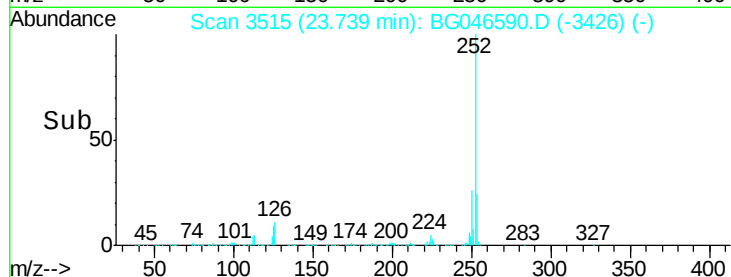
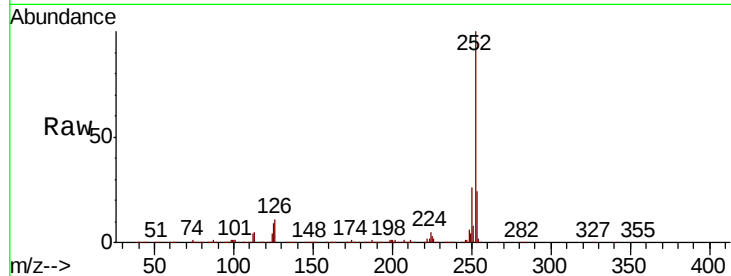
#89
Benzo(k)fluoranthene
Concen: 49.655 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	8.5	6.8	10.2

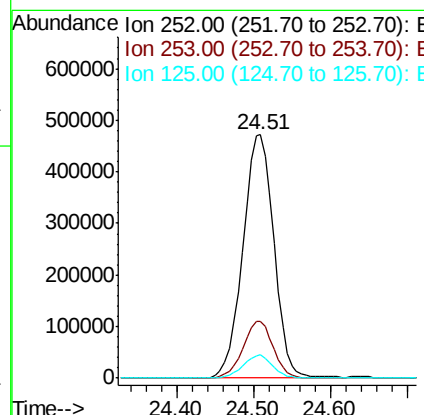
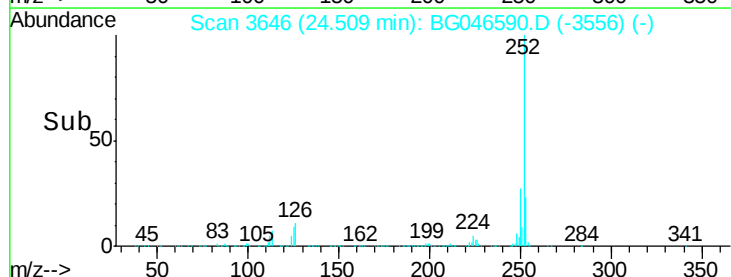
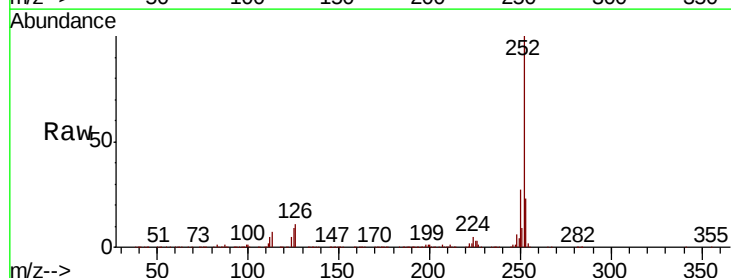
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 47.755 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	9.5	7.4	11.0





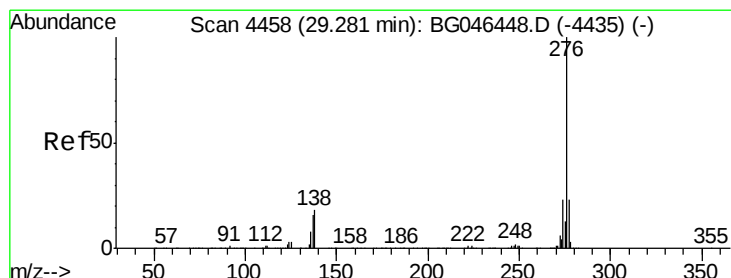
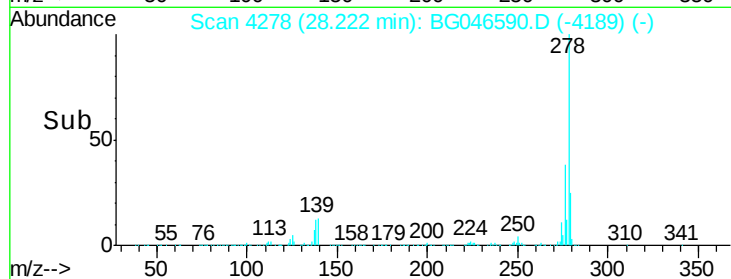
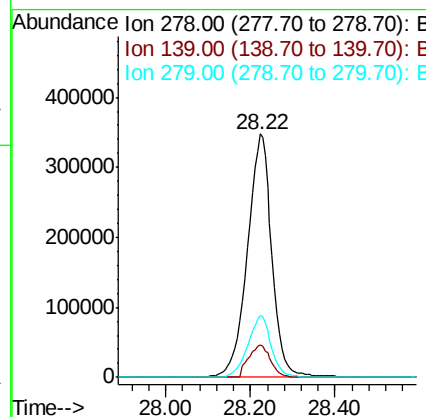
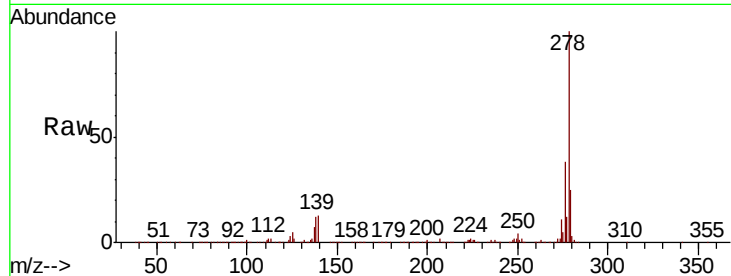
#91
Dibenzo(a,h)anthracene
Concen: 50.351 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.2	16.8
279	25.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/11/2020 11:47:53 AM



#92
Benzo(g,h,i)perylene
Concen: 50.695 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046590.D
Acq: 10 Sep 2020 20:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.4	14.7	22.1

