

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046591.D
 Acq On : 10 Sep 2020 21:13
 Operator : CG/JU
 Sample : L3870-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Manual Integrations
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mohammad
 9/11/2020 11:47:55 AM

Quant Time: Sep 11 01:15:48 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	77127	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	308057	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	212160	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	499163	20.00	ng	0.00
76) Chrysene-d12	21.55	240	482633	20.00	ng	0.00
86) Perylene-d12	24.65	264	496232	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	510062	117.13	ng	0.00
7) Phenol-d6	7.11	99	625088	101.26	ng	0.00
23) Nitrobenzene-d5	9.09	82	464153	86.12	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	330319	114.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1156525	83.22	ng	0.00
79) Terphenyl-d14	19.92	244	1808573	79.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	70364	38.840	ng	# 48
3) Pyridine	3.83	79	202680	38.237	ng	99
4) n-Nitrosodimethylamine	3.73	42	92401	47.265	ng	97
6) Aniline	7.25	93	197912	28.491	ng	99
8) 2-Chlorophenol	7.50	128	240567	52.270	ng	99
9) Benzaldehyde	7.07	77	103412	29.901	ng	99
10) Phenol	7.13	94	259309	45.608	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	223414	48.885	ng	99
12) 1,3-Dichlorobenzene	7.82	146	258130	44.176	ng	98
13) 1,4-Dichlorobenzene	7.96	146	260785	44.580	ng	99
14) 1,2-Dichlorobenzene	8.28	146	256412	45.713	ng	99
15) Benzyl Alcohol	8.17	79	215147	54.286	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	333815	47.090	ng	100
17) 2-Methylphenol	8.38	107	206105	51.114	ng	98
18) Hexachloroethane	9.01	117	89256	45.000	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	183320	49.647	ng	99
20) 3+4-Methylphenols	8.70	107	280294	50.362	ng	98
22) Acetophenone	8.75	105	352770	47.044	ng	# 98
24) Nitrobenzene	9.13	77	261317	49.075	ng	96
25) Isophorone	9.65	82	510967	51.709	ng	99
26) 2-Nitrophenol	9.84	139	144646	51.486	ng	96
27) 2,4-Dimethylphenol	9.90	122	230398	59.626	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	311189	48.927	ng	99
29) 2,4-Dichlorophenol	10.38	162	267554	51.941	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	278638	45.590	ng	99
31) Naphthalene	10.77	128	725115	48.208	ng	100
32) Benzoic acid	10.03	122	11329	9.049	ng	93
33) 4-Chloroaniline	10.89	127	45263	6.824	ng	97
34) Hexachlorobutadiene	11.07	225	178813	45.069	ng	99
35) Caprolactam	11.66	113	74482m	38.682	ng	
36) 4-Chloro-3-methylphenol	12.02	107	259296	51.467	ng	97
37) 2-Methylnaphthalene	12.38	142	569254	47.987	ng	99
38) 1-Methylnaphthalene	12.60	142	541949	48.230	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	338541	48.389	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	314627	103.423	nq	98
43) 2,4,6-Trichlorophenol	12.99	196	237194	50.239	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	251289	50.658	nq	97
46) 1,1'-Biphenyl	13.39	154	743832	50.392	nq	99
47) 2-Chloronaphthalene	13.43	162	589027	47.065	nq	99
48) 2-Nitroaniline	13.63	65	163118	46.938	nq	99
49) Acenaphthylene	14.28	152	919536	48.436	nq	99
50) Dimethylphthalate	14.02	163	771304	46.991	nq	99
51) 2,6-Dinitrotoluene	14.13	165	180174	49.797	nq	97
52) Acenaphthene	14.62	154	564802	48.009	nq	99
53) 3-Nitroaniline	14.46	138	97514	24.881	nq	97
54) 2,4-Dinitrophenol	14.67	184	82757	39.185	nq	98
55) Dibenzofuran	14.96	168	906939	48.037	nq	98
56) 4-Nitrophenol	14.79	139	247569	85.831	nq	98
57) 2,4-Dinitrotoluene	14.92	165	250957	48.644	nq	# 98
58) Fluorene	15.61	166	764567	48.250	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	240056	49.835	nq	98
60) Diethylphthalate	15.38	149	753022	47.054	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	415341	47.593	nq	96
62) 4-Nitroaniline	15.63	138	169876	41.079	nq	99
63) Azobenzene	15.89	77	639328	49.112	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	98834	34.982	nq	98
66) n-Nitrosodiphenylamine	15.81	169	686233	50.959	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	288650	49.565	nq	99
68) Hexachlorobenzene	16.62	284	303409	47.043	nq	98
69) Atrazine	16.77	200	215052	39.146	nq	99
70) Pentachlorophenol	16.96	266	296248	87.914	nq	98
71) Phenanthrene	17.35	178	1213333	47.956	nq	99
72) Anthracene	17.44	178	1240273	49.685	nq	98
73) Carbazole	17.71	167	1124377	47.706	nq	99
74) Di-n-butylphthalate	18.27	149	1272165	46.940	nq	99
75) Fluoranthene	19.36	202	1497031	45.978	nq	100
77) Benzidine	19.53	184	231762	20.666	nq	99
78) Pyrene	19.72	202	1492790	48.572	nq	99
80) Butylbenzylphthalate	20.60	149	577413	48.167	nq	97
81) Benzo(a)anthracene	21.53	228	1430968	47.568	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	327489	29.335	nq	100
83) Chrysene	21.60	228	1385613	47.884	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	813905	49.751	nq	99
85) Di-n-octyl phthalate	22.62	149	1400969	50.013	nq	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1773770	49.768	nq	100
88) Benzo(b)fluoranthene	23.68	252	1528194	49.320	nq	97
89) Benzo(k)fluoranthene	23.74	252	1488933	49.721	nq	99
90) Benzo(a)pyrene	24.50	252	1388774	48.028	nq	100
91) Dibenzo(a,h)anthracene	28.22	278	1450729	50.441	nq	99
92) Benzo(g,h,i)perylene	29.27	276	1466939	51.077	nq	98

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

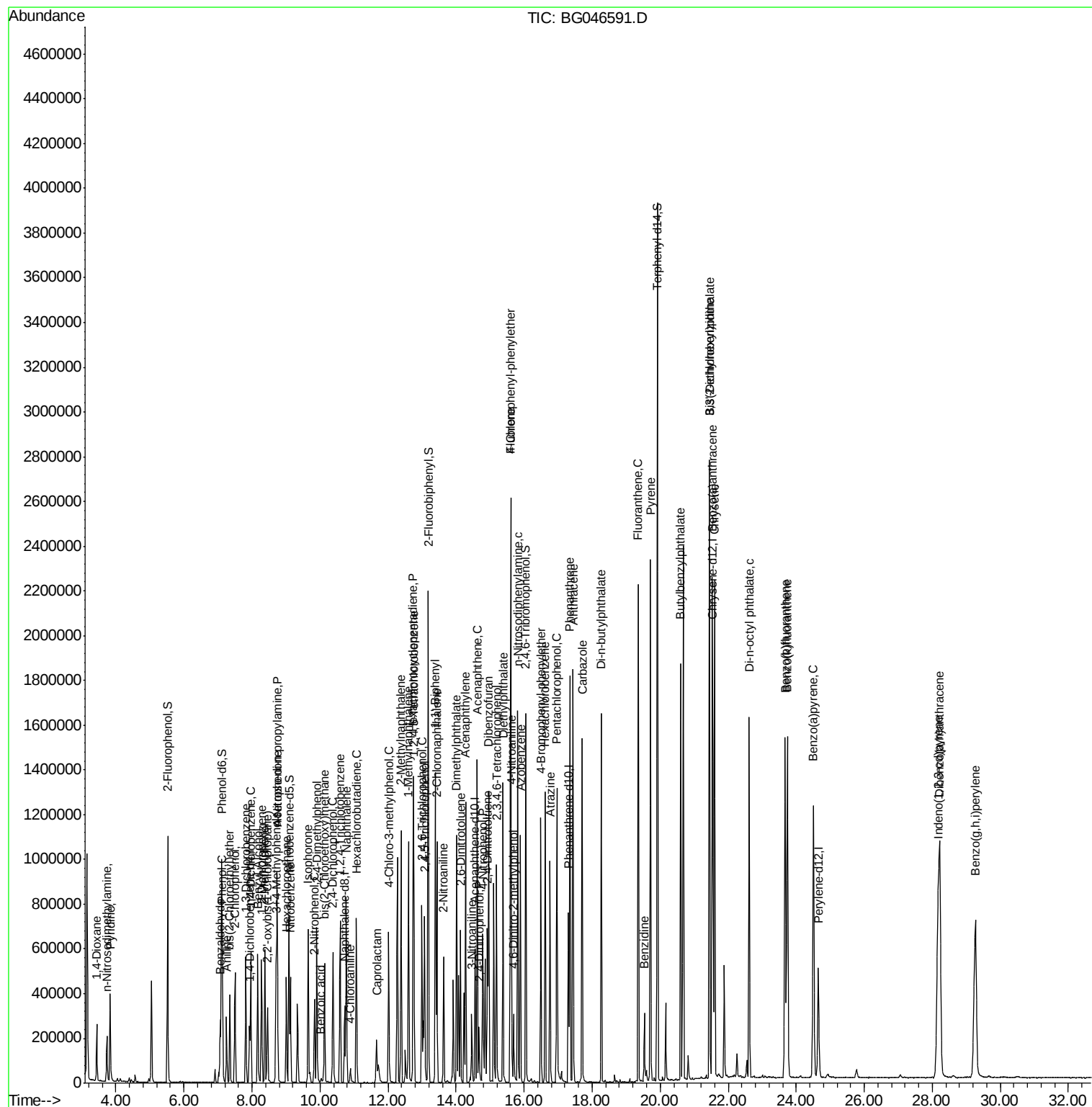
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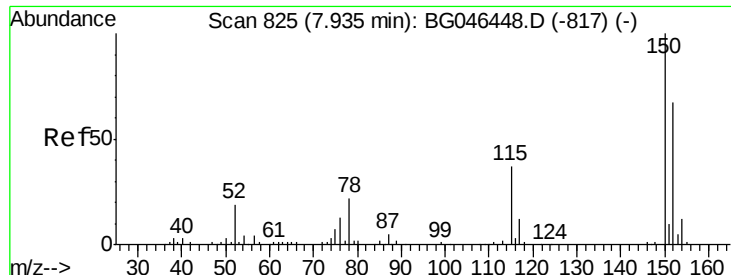
Instrument :
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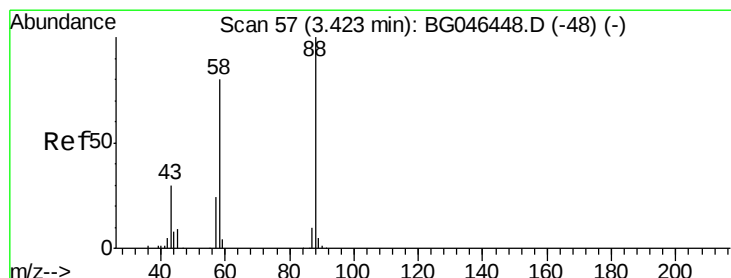
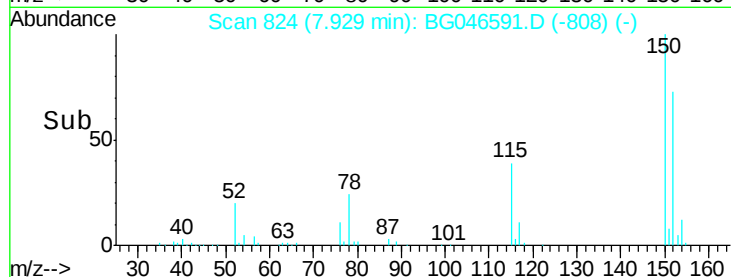
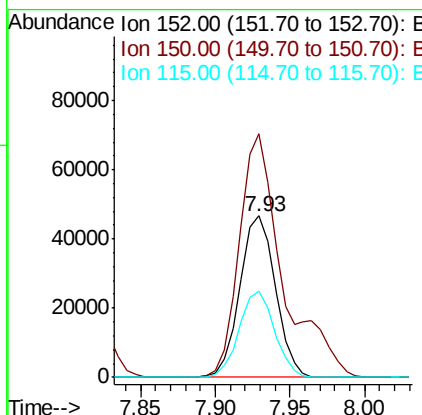
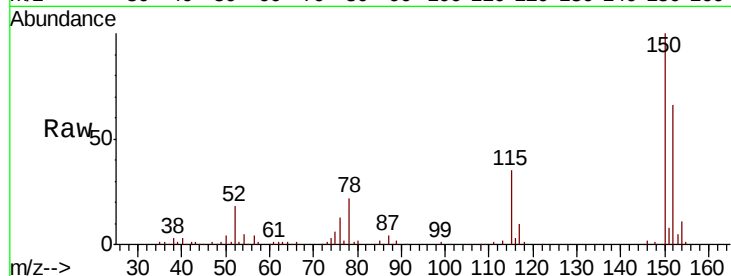
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	53.6	44.3	66.5

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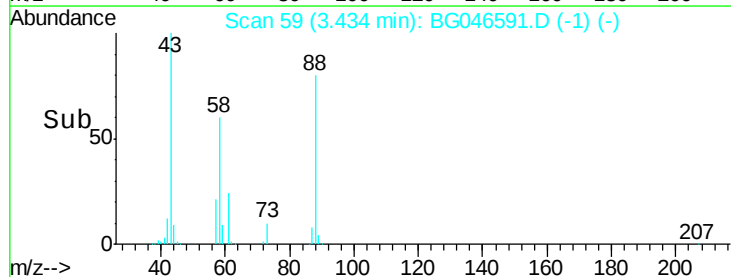
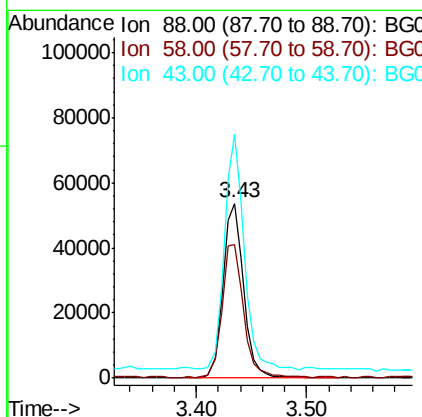
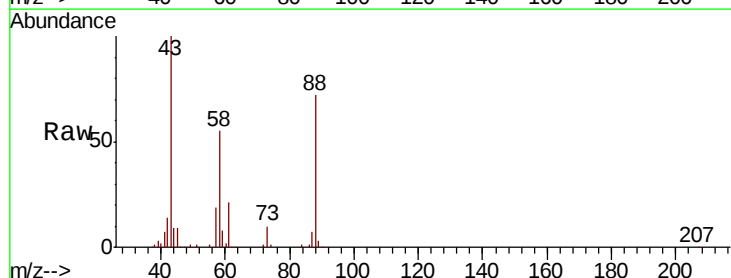
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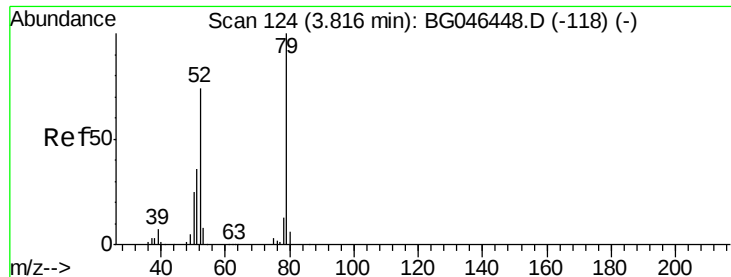


#2

1,4-Dioxane
Concen: 38.840 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	61.4	92.2
43	128.0	21.6	32.4#





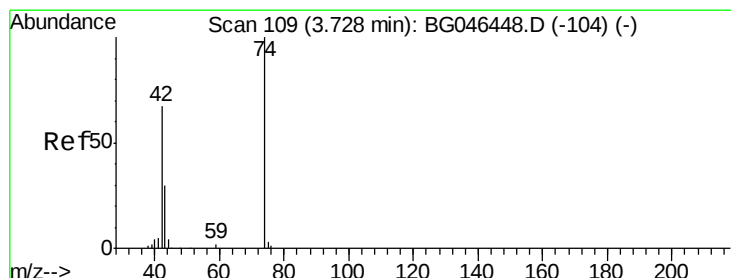
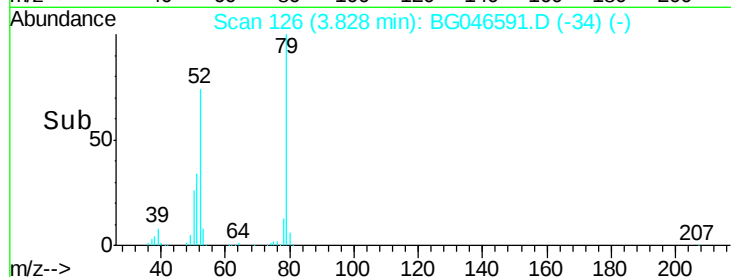
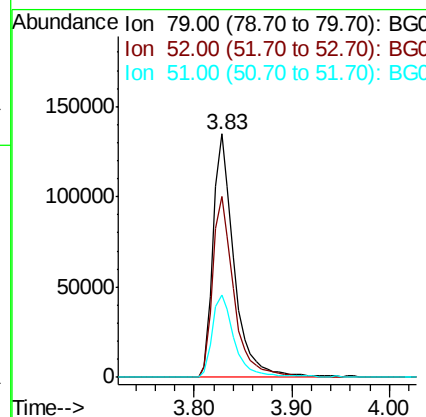
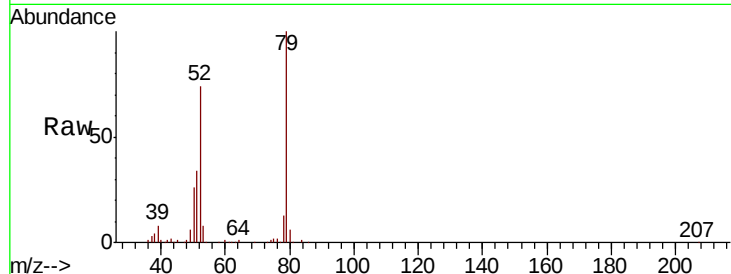
#3
 Pvridine
 Concen: 38.237 ng
 RT: 3.83 min Scan# 126
 Delta R.T. 0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	202680		
52	74.1	59.1	88.7	
51	34.0	29.0	43.6	

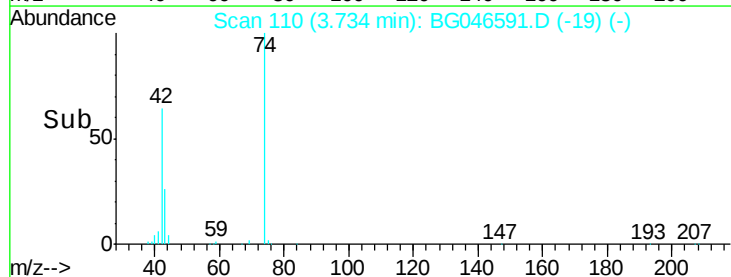
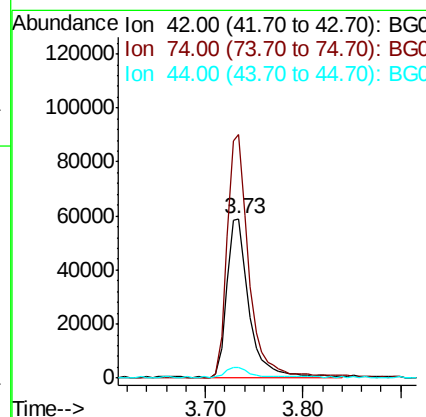
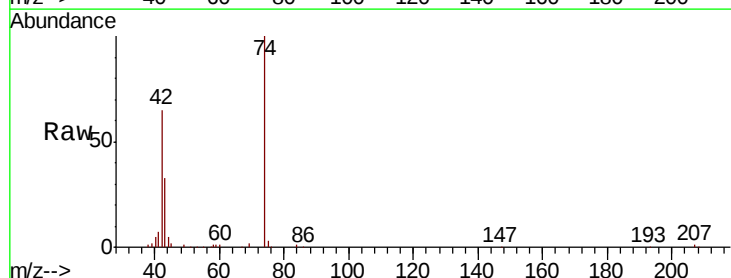
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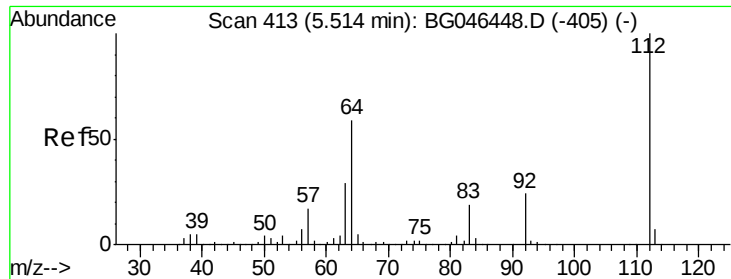
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#4
 n-Nitrosodimethylamine
 Concen: 47.265 ng
 RT: 3.73 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	92401		
74	152.9	119.5	179.3	
44	7.1	5.7	8.5	





#5

2-Fluorophenol

Concen: 117.133 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

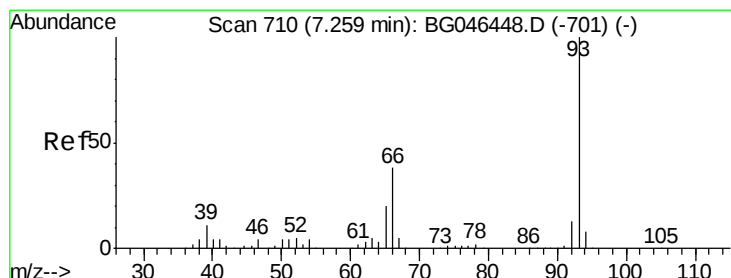
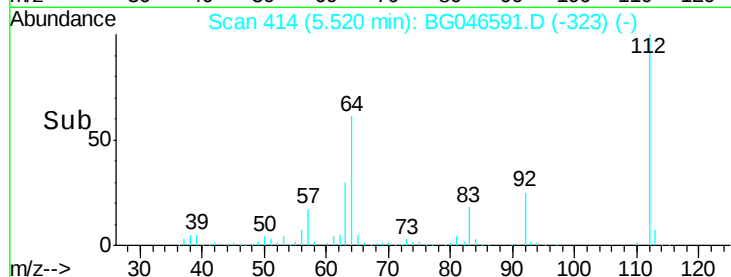
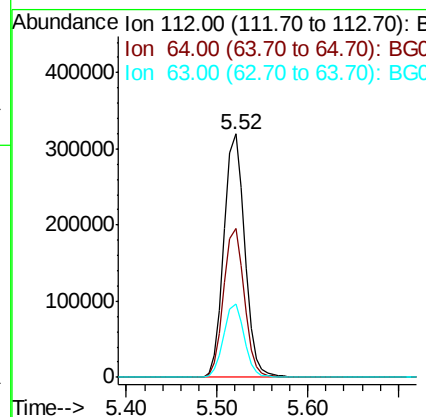
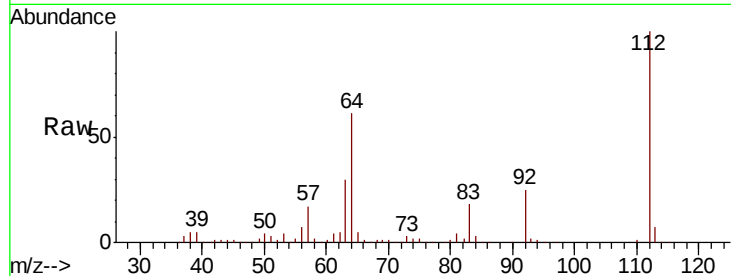
ClientSampleId :

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Tot Ion:	112	Resp:	510062
Ion Ratio	Lower	Upper	
112	100		
64	61.0	47.0	70.6
63	29.9	23.5	35.3

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#6

Aniline

Concen: 28.491 ng

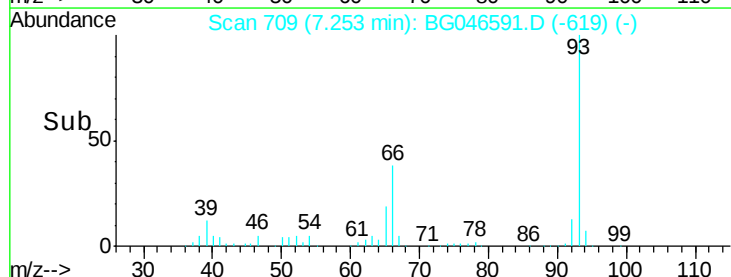
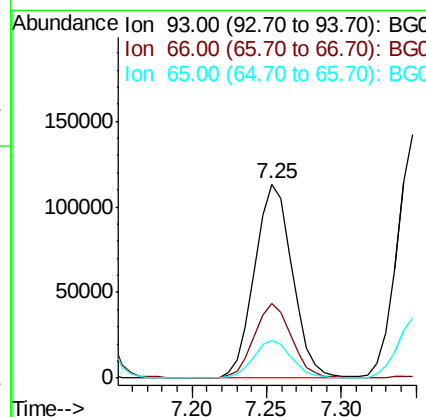
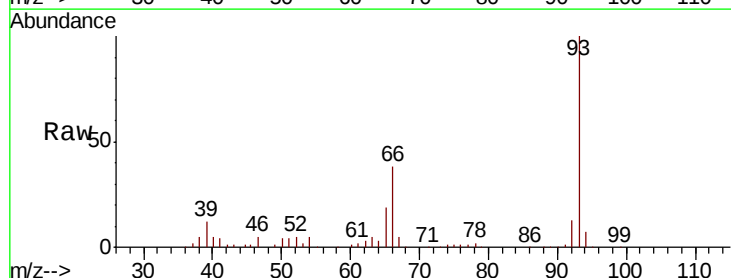
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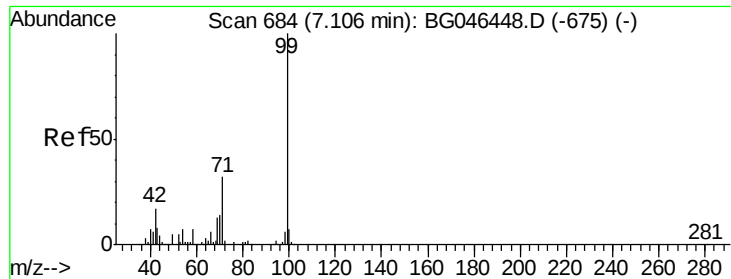
Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Tgt Ion:	93	Resp:	197912
Ion Ratio	Lower	Upper	
93	100		
66	38.4	30.4	45.6
65	19.3	15.8	23.6





#7

Phenol-d6

Concen: 101.261 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

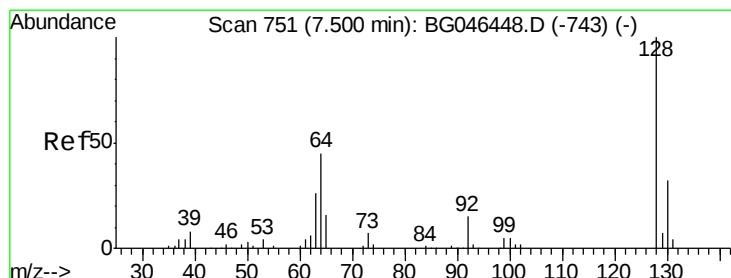
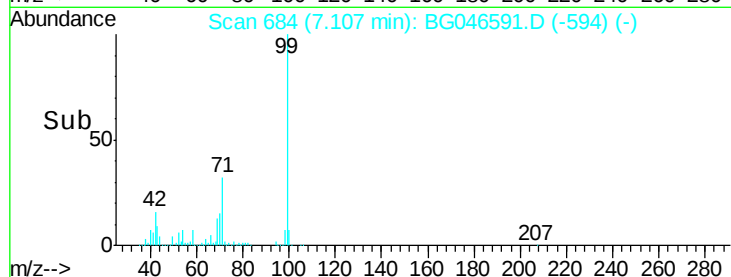
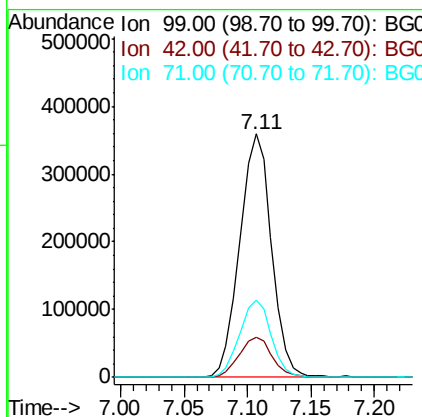
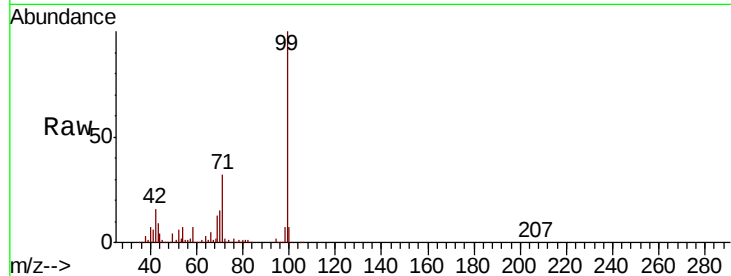
ClientSampleId :

SU-04-090820MSD

Tot Ion:	99	Resp:	625088
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.3	19.9
71	31.5	25.3	37.9

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#8

2-Chlorophenol

Concen: 52.270 ng

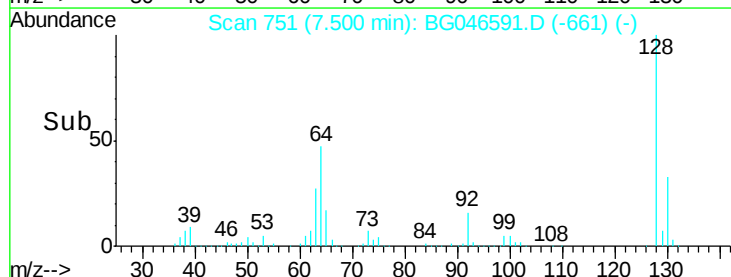
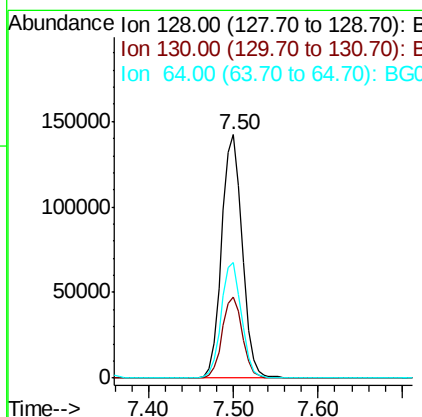
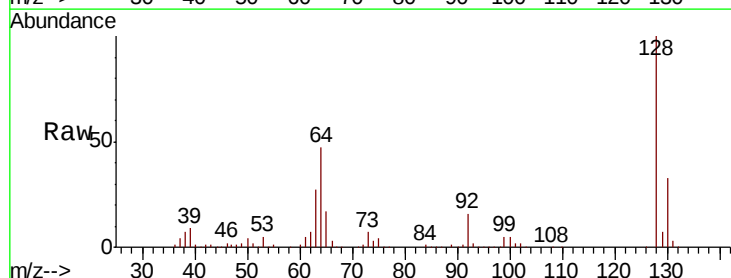
RT: 7.50 min Scan# 751

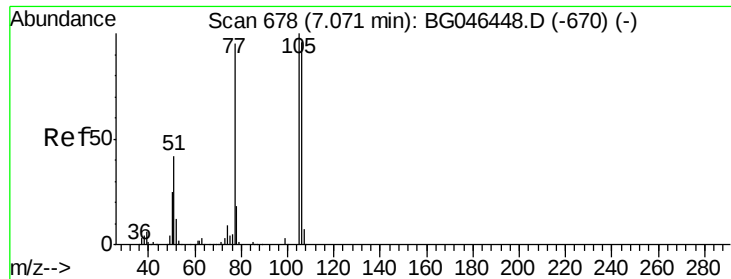
Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Tgt Ion:	128	Resp:	240567
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.4	52.4
64	47.3	28.1	68.1





#9

Benzaldehyde

Concen: 29.901 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

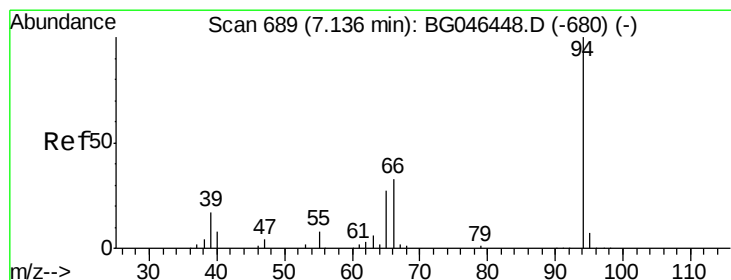
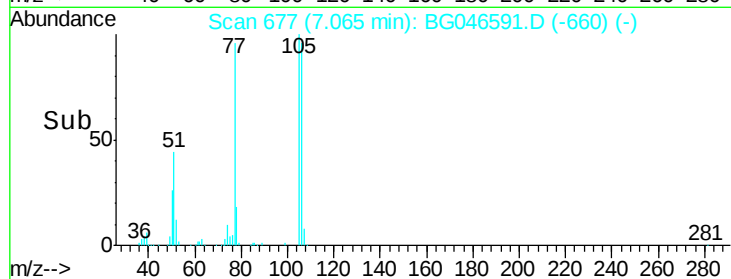
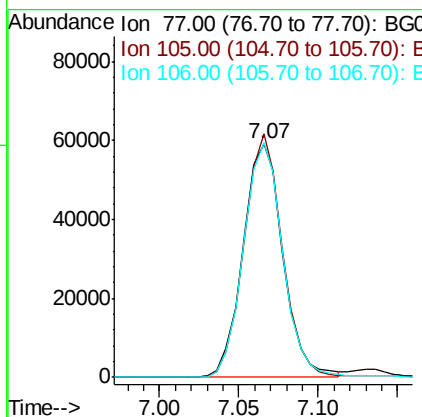
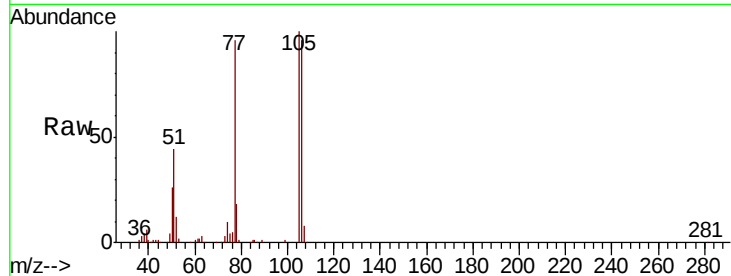
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	104.2	85.6	125.6	
106	100.4	80.8	120.8	

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#10

Phenol

Concen: 45.608 ng

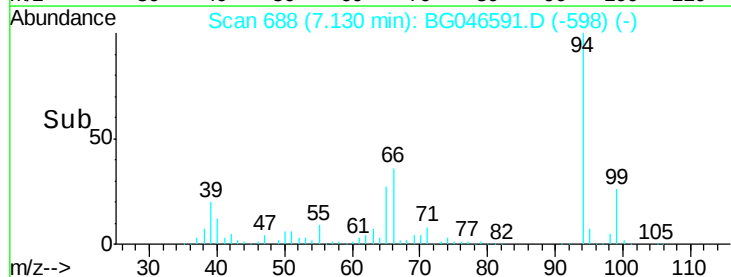
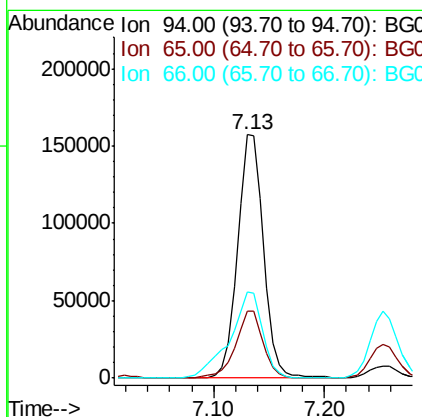
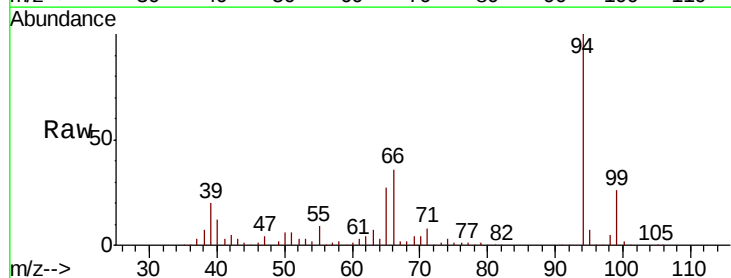
RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	27.3	7.5	47.5	
66	35.5	14.1	54.1	





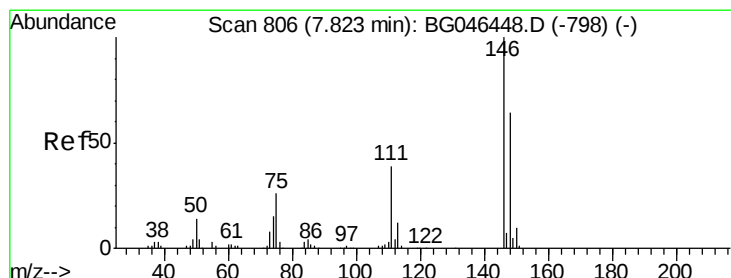
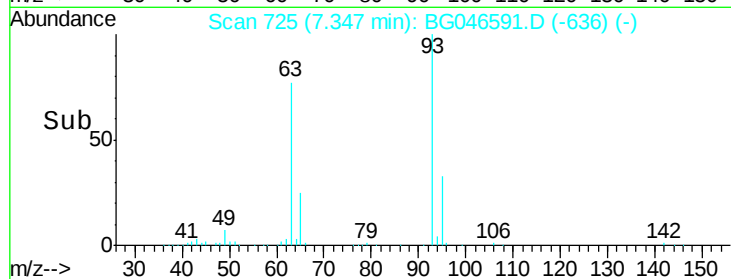
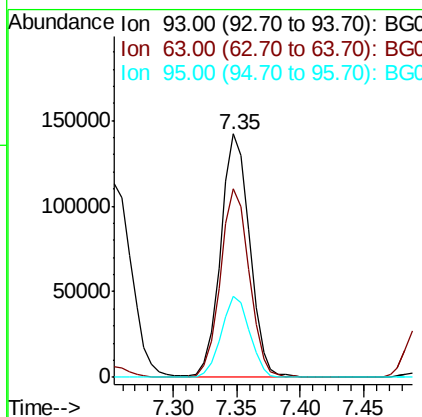
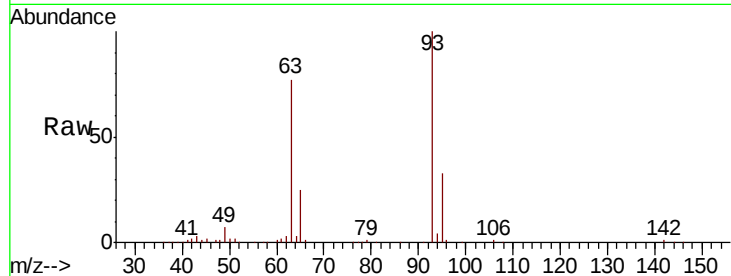
#11
bis(2-Chloroethyl)ether
Concen: 48.885 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion:	93	Resp:	223414
Ion	Ratio	Lower	Upper
93	100		
63	77.3	57.7	97.7
95	33.1	12.3	52.3

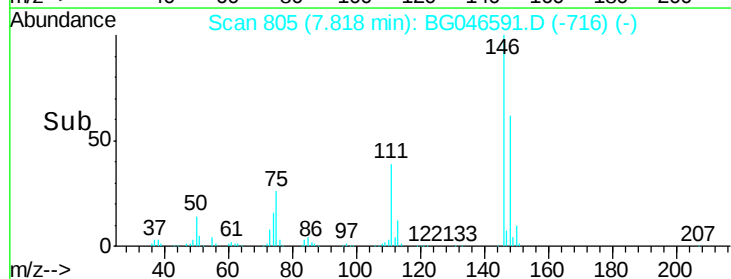
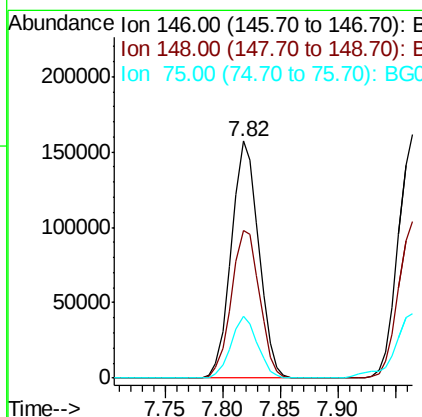
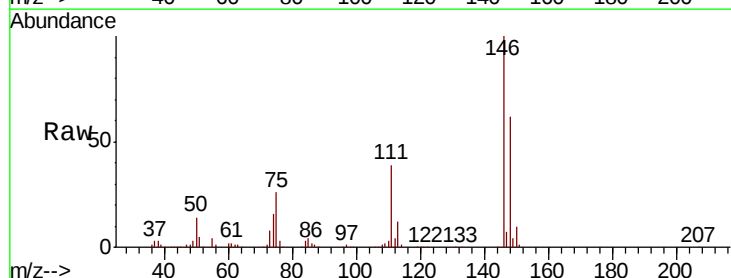
Manual Integrations
APPROVED

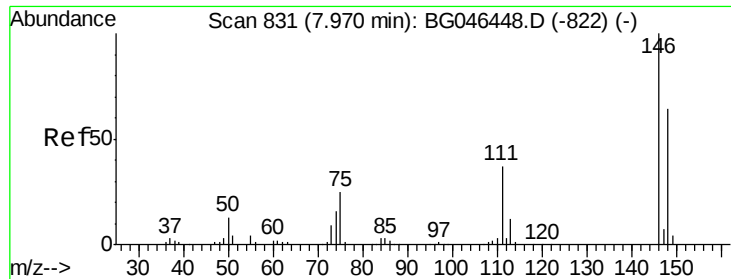
mohammad
9/11/2020 11:47:55 AM



#12
1,3-Dichlorobenzene
Concen: 44.176 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion:	146	Resp:	258130
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
75	26.1	20.7	31.1





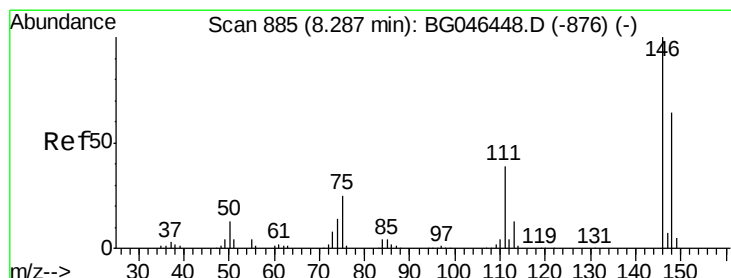
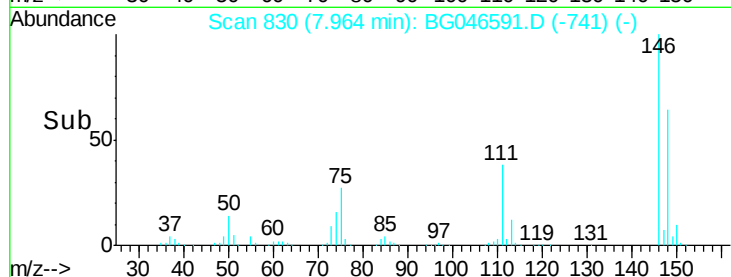
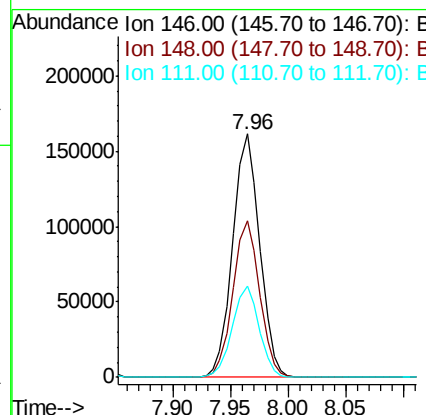
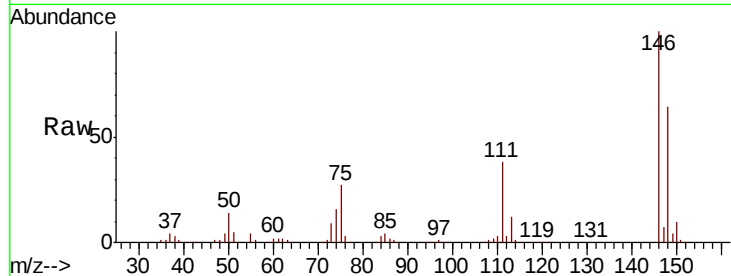
#13
 1,4-Dichlorobenzene
 Concen: 44.580 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		260785		
148	64.5	50.9	76.3		
111	37.6	29.8	44.6		

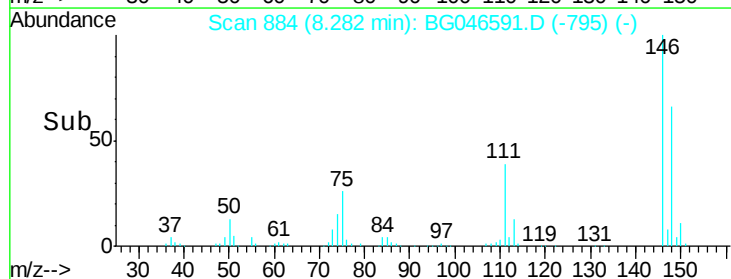
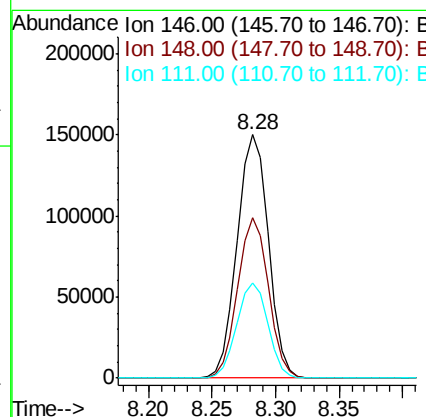
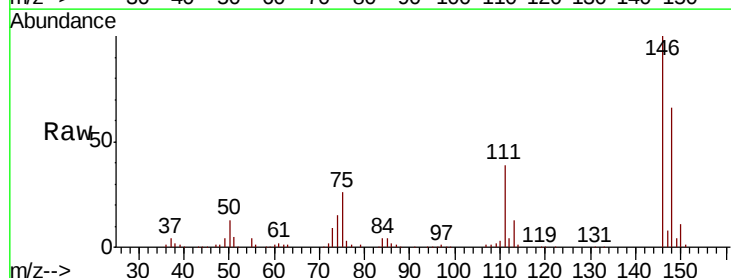
Manual Integrations
 APPROVED

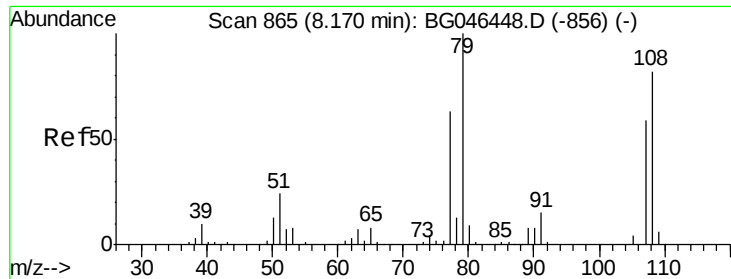
mohammad
 9/11/2020 11:47:55 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.713 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		256412		
148	65.7	51.4	77.0		
111	39.1	31.4	47.2		





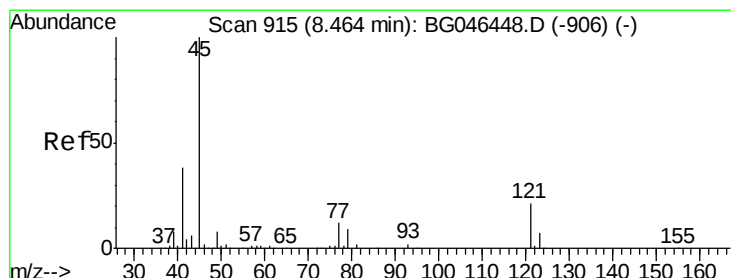
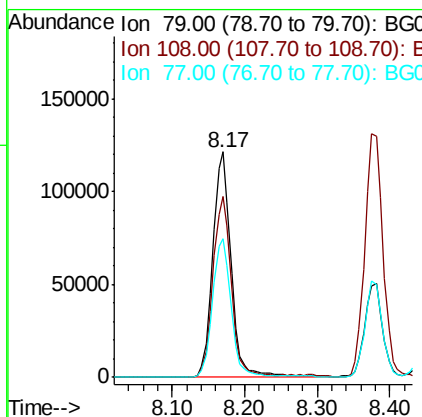
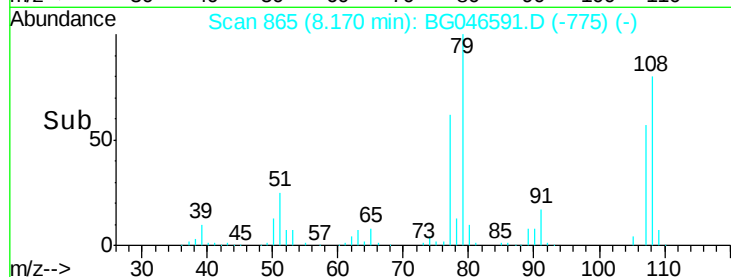
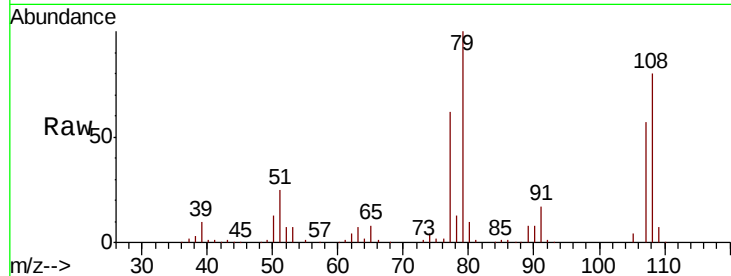
#15
Benzyl Alcohol
Concen: 54.286 ng
RT: 8.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	215147		
108	80.3	65.7	98.5	
77	61.8	50.3	75.5	

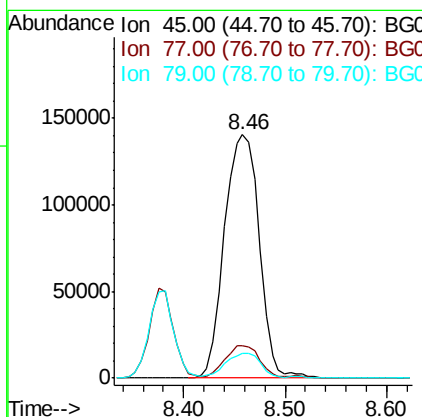
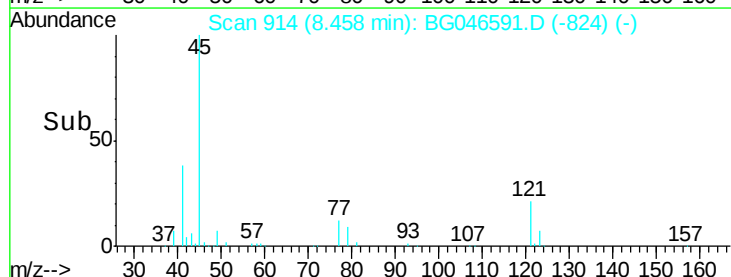
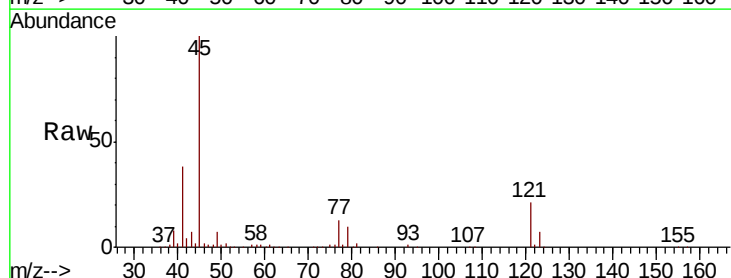
Manual Integrations
APPROVED

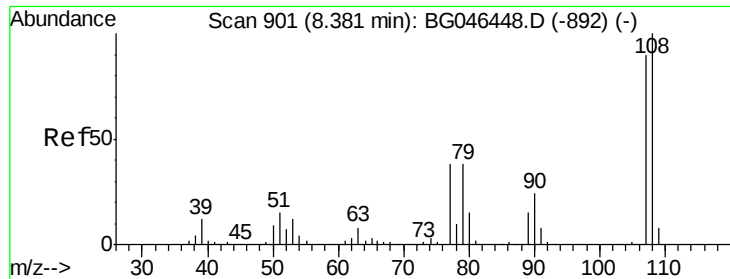
mohammad
9/11/2020 11:47:55 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.090 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	333815		
77	13.5	0.0	33.2	
79	10.2	0.0	30.3	





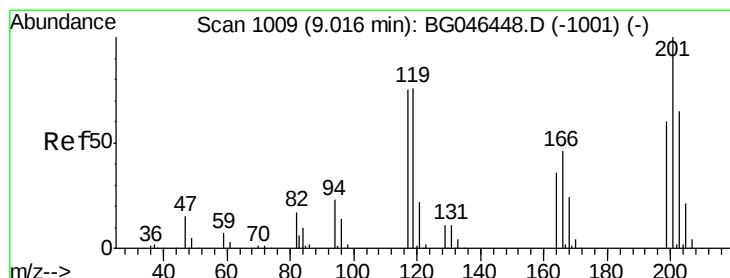
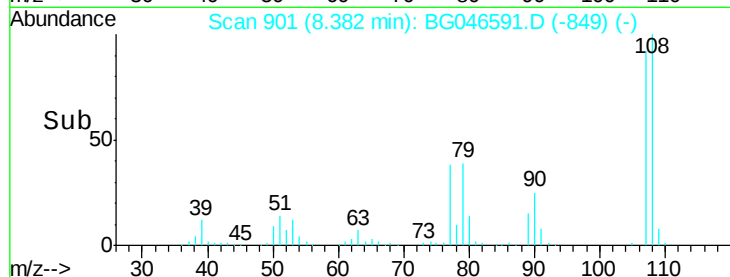
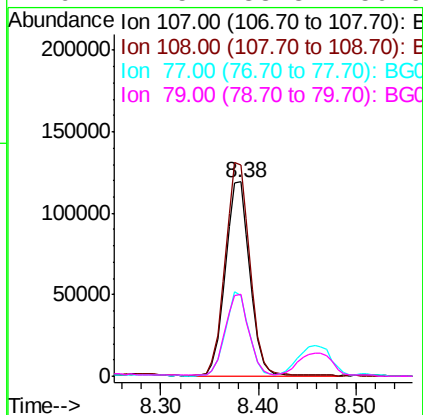
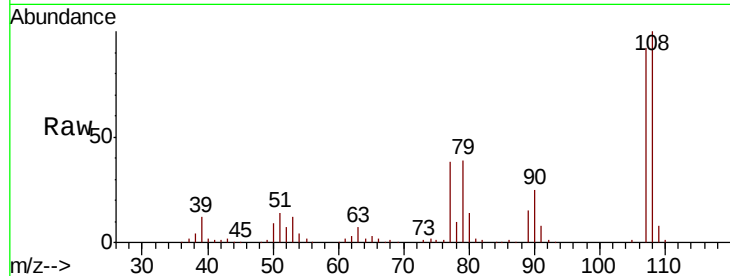
#17
2-Methylphenol
Concen: 51.114 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	89.4	134.0	
77	41.6	34.5	51.7	
79	42.5	33.8	50.6	

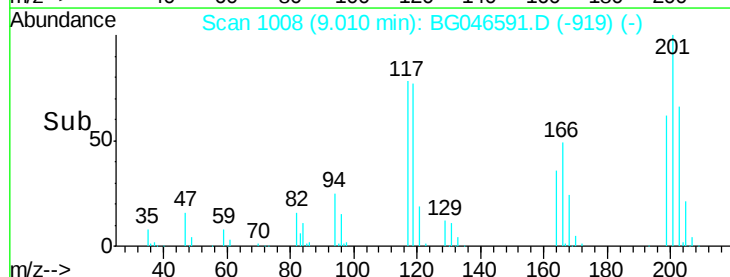
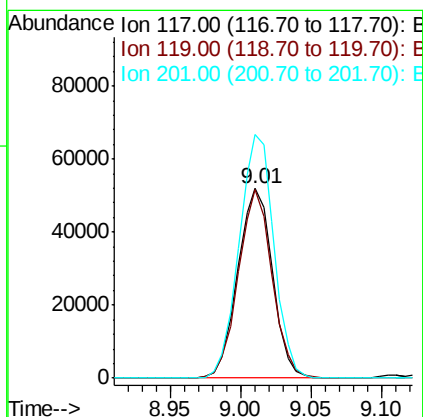
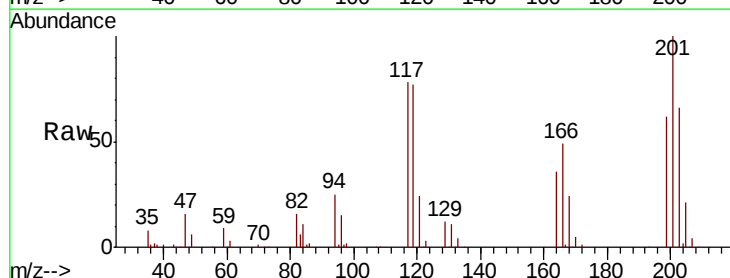
Manual Integrations
APPROVED

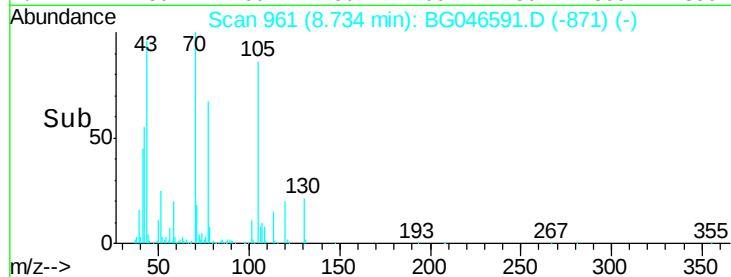
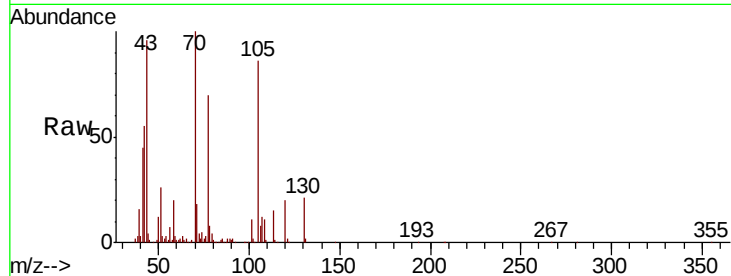
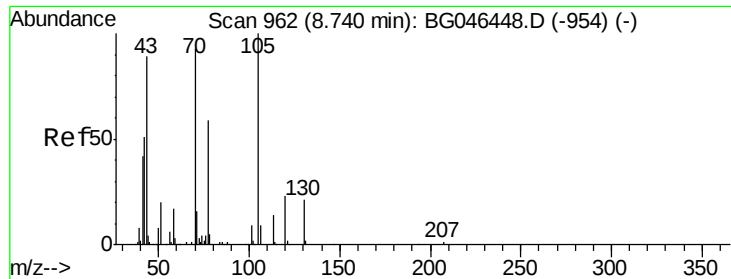
mohammad
9/11/2020 11:47:55 AM



#18
Hexachloroethane
Concen: 45.000 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	80.8	121.2	
201	128.7	106.7	160.1	





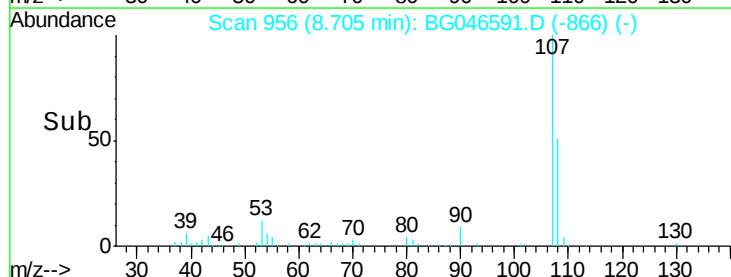
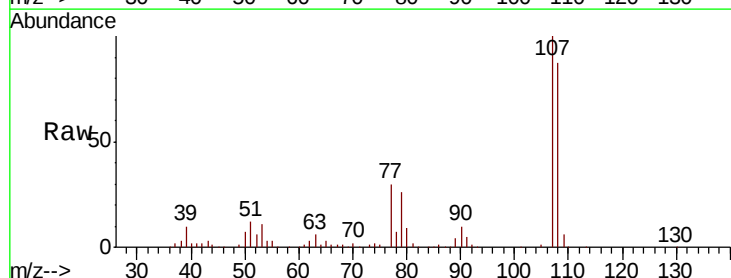
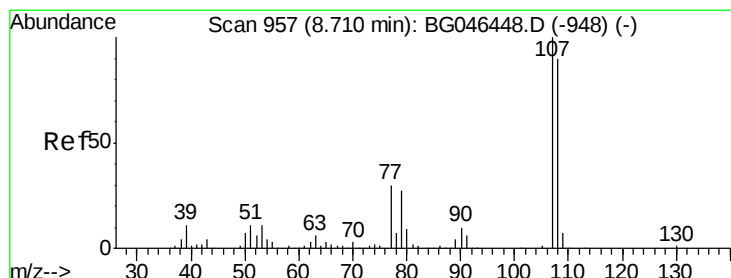
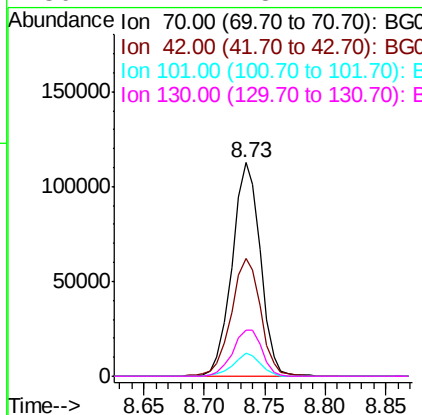
#19
n-Nitroso-di-n-propylamine
Concen: 49.647 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.9	44.2	66.2		
101	10.6	7.8	11.8		
130	21.4	18.2	27.4		

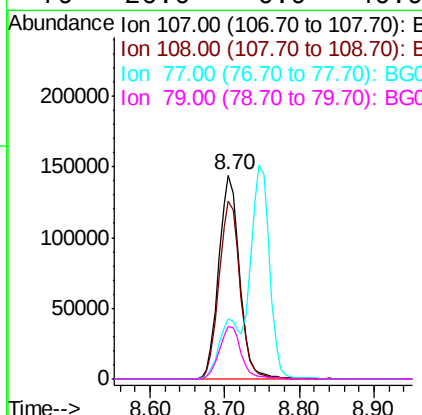
Manual Integrations
APPROVED

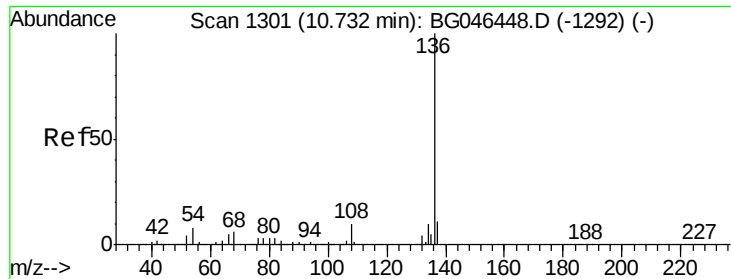
mohammad
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#20
3+4-Methylphenols
Concen: 50.362 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	69.7	109.7		
77	29.5	9.7	49.7		
79	26.0	6.9	46.9		





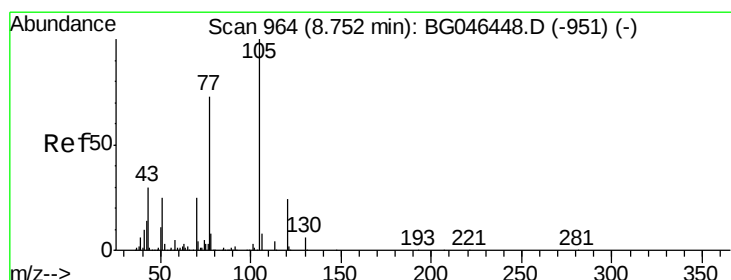
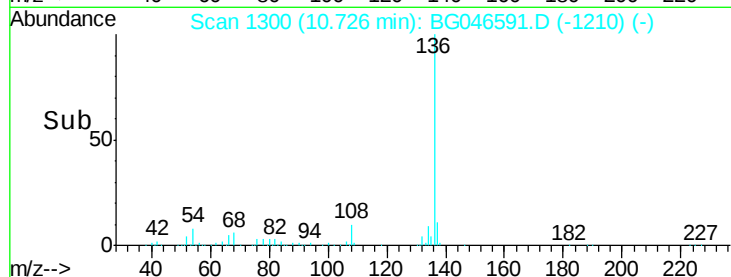
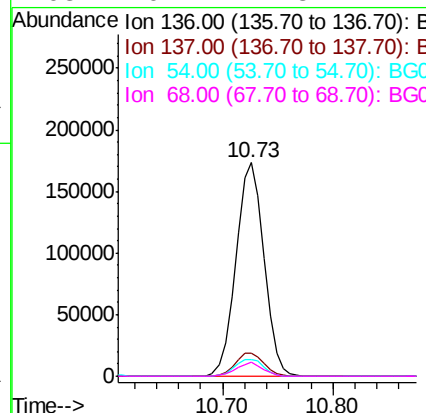
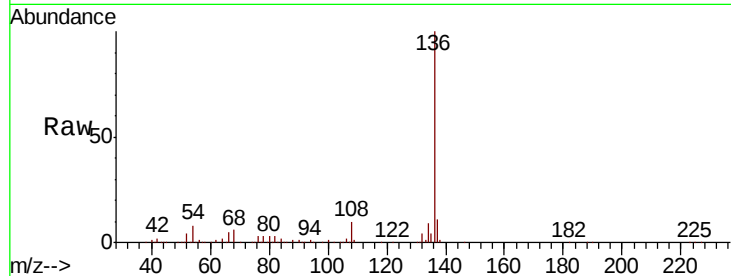
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.9	6.1	9.1	
68	6.4	4.8	7.2	

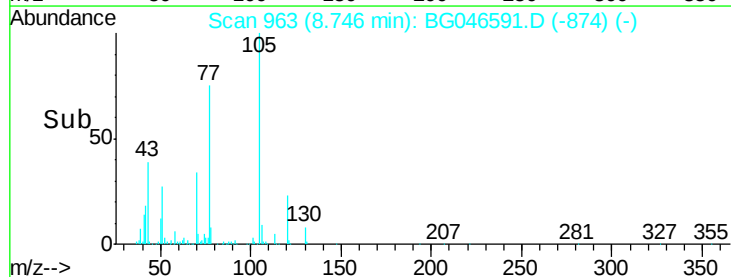
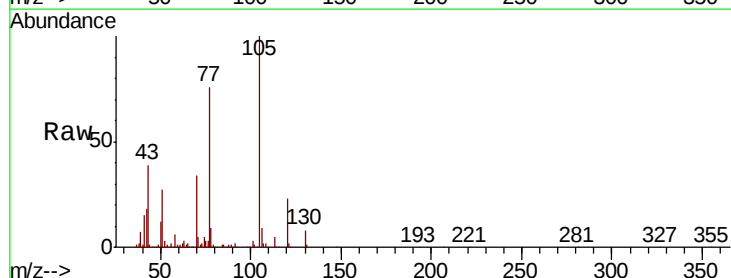
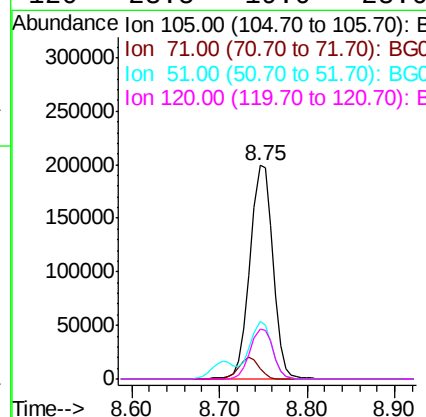
Manual Integrations
APPROVED

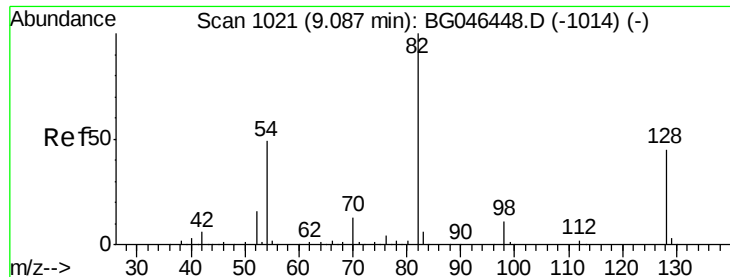
mohammad
9/11/2020 11:47:55 AM



#22
Acetophenone
Concen: 47.044 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	3.3	4.9#	
51	27.1	20.6	31.0	
120	23.5	19.0	28.6	





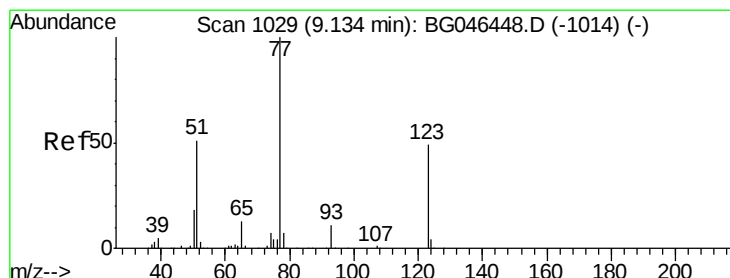
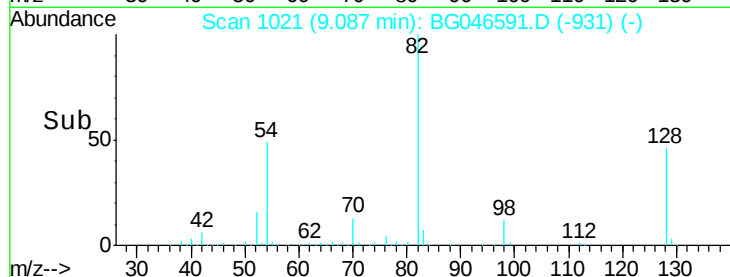
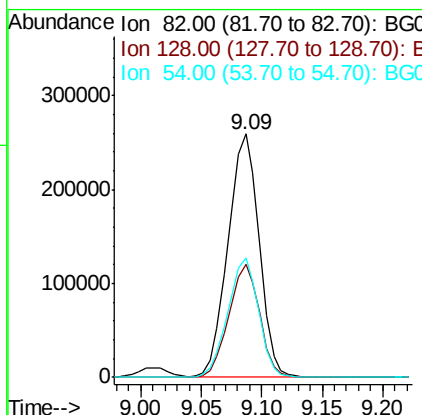
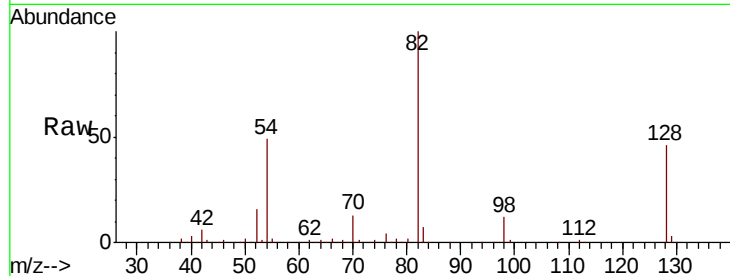
#23
 Nitrobenzene-d5
 Concen: 86.116 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	464153		
128	46.3		35.7	53.5
54	48.9		39.4	59.0

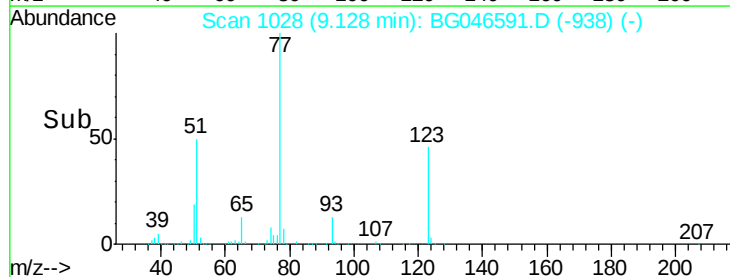
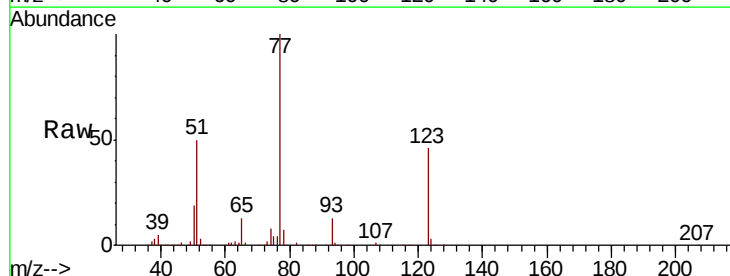
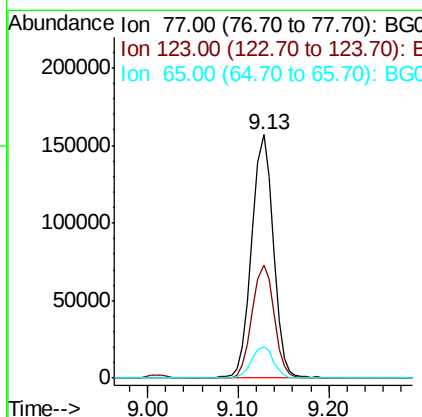
Manual Integrations
 APPROVED

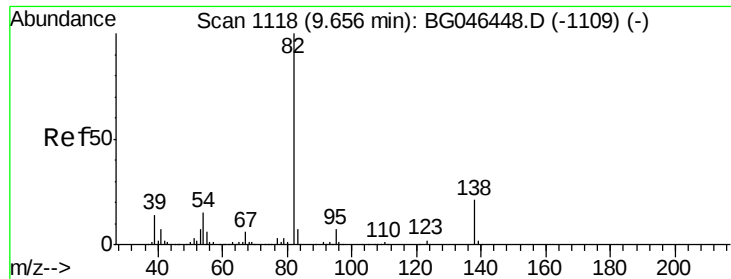
mohammad
 9/11/2020 11:47:55 AM



#24
 Nitrobenzene
 Concen: 49.075 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	261317		
123	46.5		39.6	59.4
65	13.0		10.1	15.1





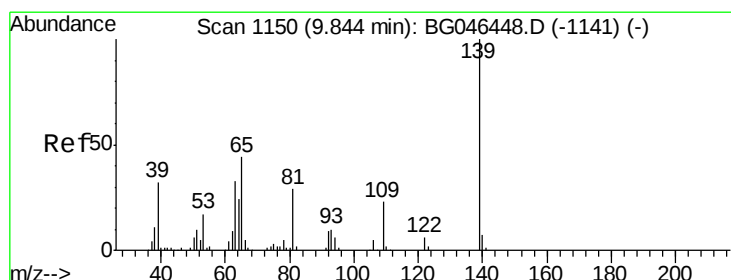
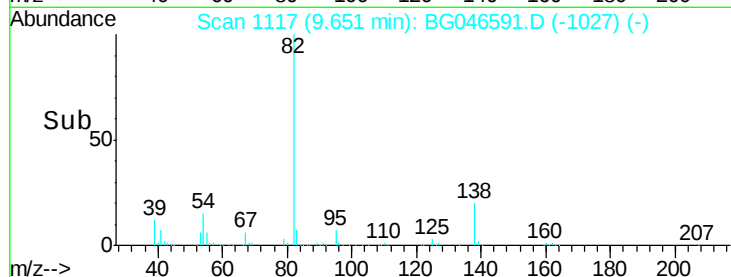
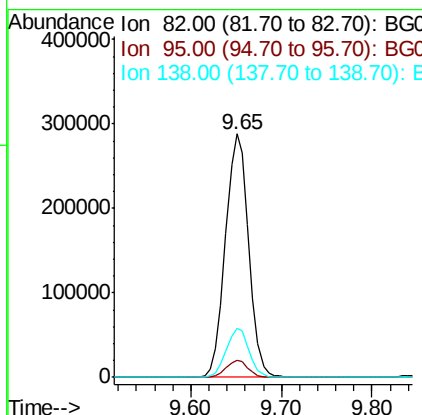
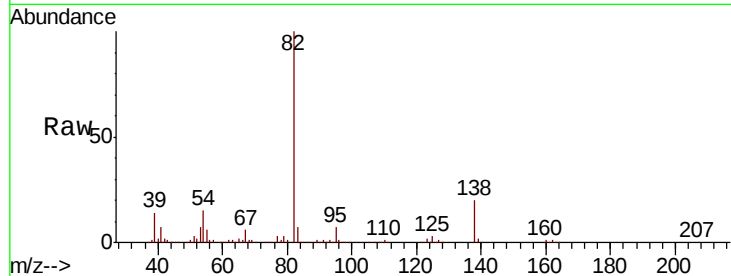
#25
Isophorone
Concen: 51.709 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	510967		
95	6.9		5.8	8.6
138	20.1		16.4	24.6

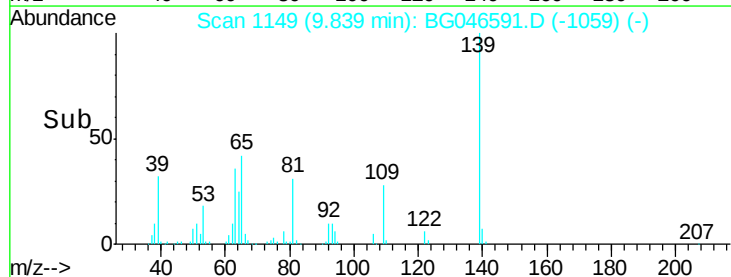
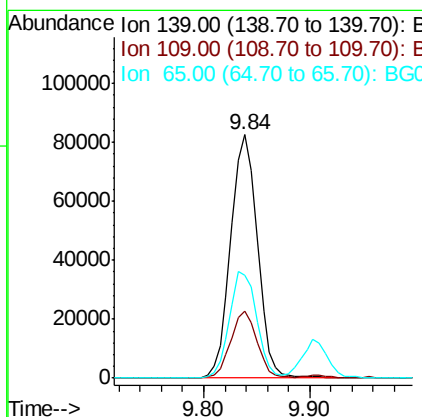
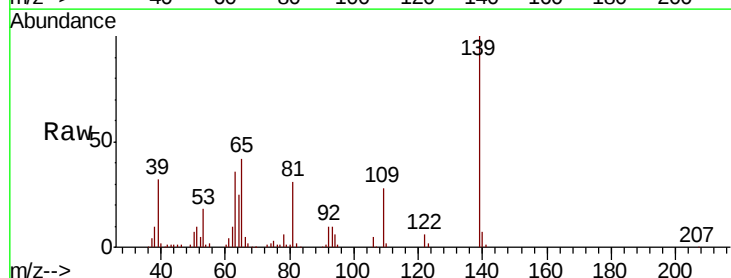
Manual Integrations
APPROVED

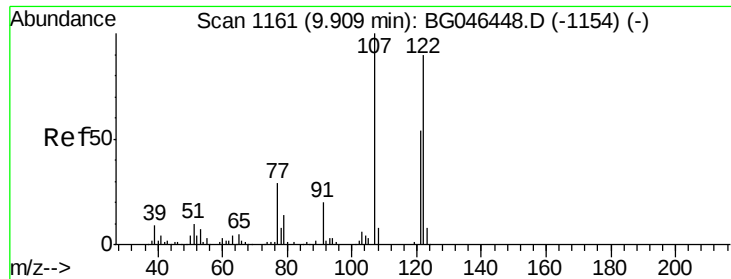
mohammad
9/11/2020 11:47:55 AM



#26
2-Nitrophenol
Concen: 51.486 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	144646		
109	27.6		18.8	28.2
65	42.4		35.0	52.6





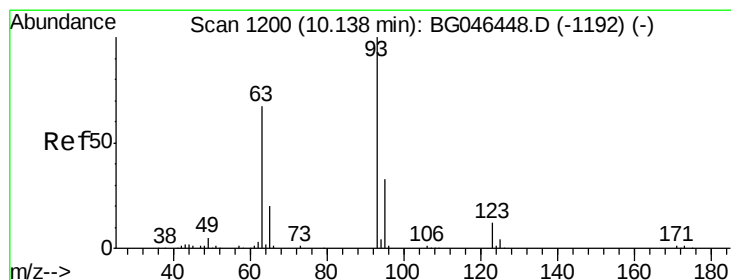
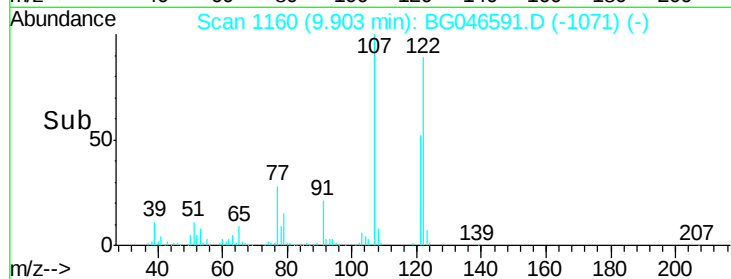
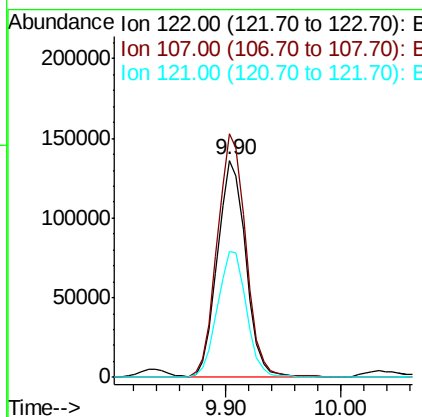
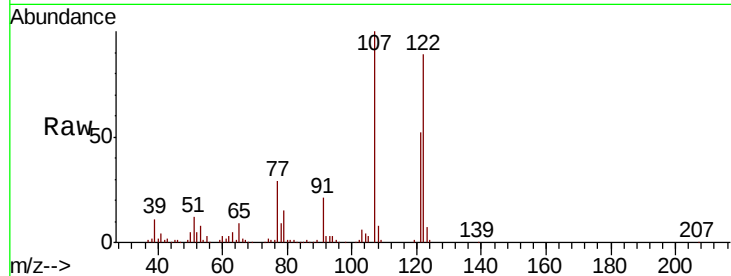
#27
 2,4-Dimethylphenol
 Concen: 59.626 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	230398		
107	112.1	88.2	132.2	
121	57.8	47.4	71.0	

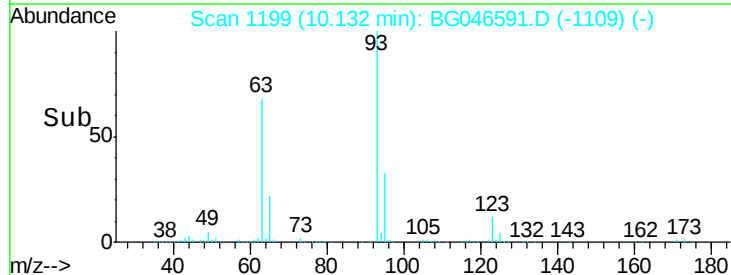
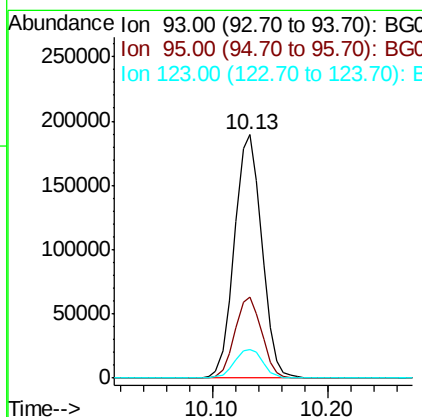
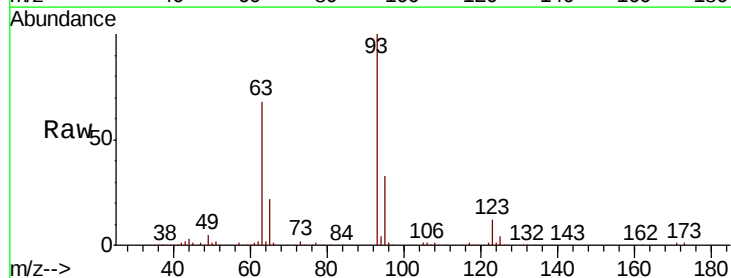
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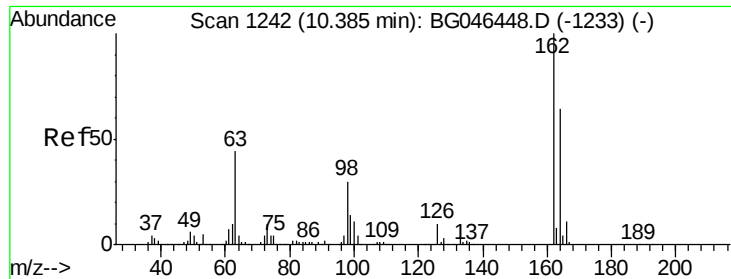
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.927 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	311189		
95	33.1	26.1	39.1	
123	11.9	9.5	14.3	





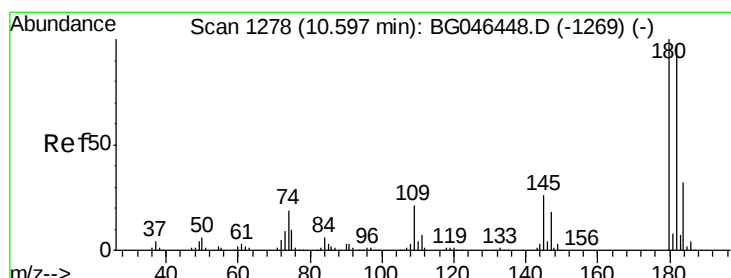
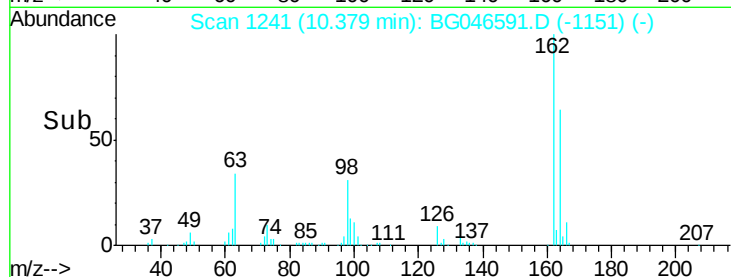
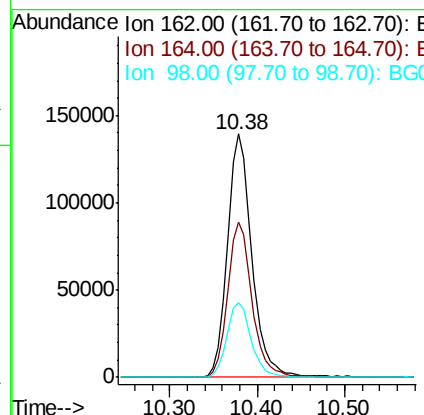
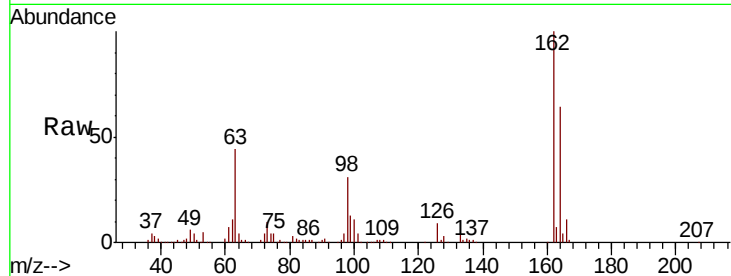
#29
2,4-Dichlorophenol
Concen: 51.941 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	267554		
164	64.0		44.3	84.3
98	30.8		10.0	50.0

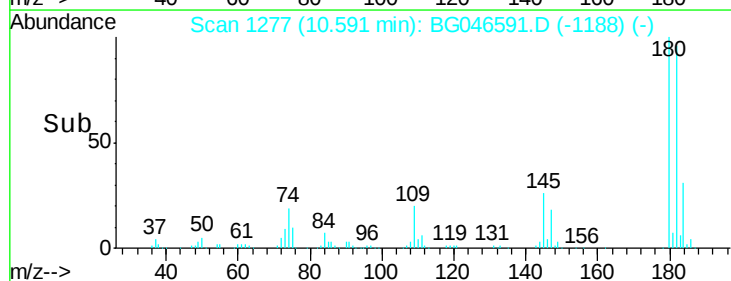
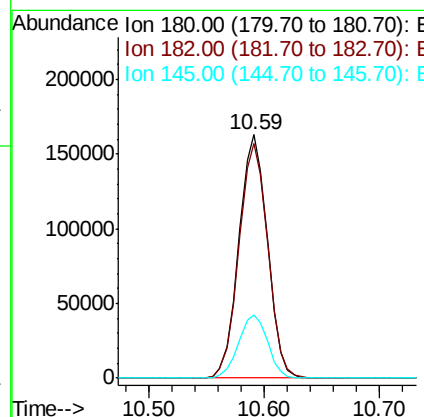
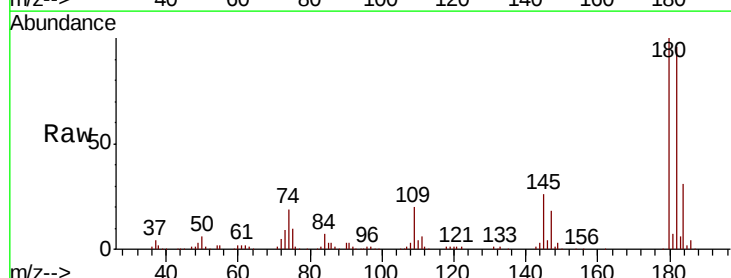
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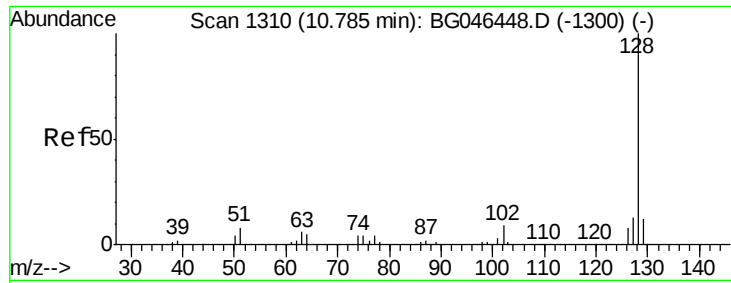
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.590 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	278638		
182	96.4		77.8	116.8
145	26.1		20.9	31.3





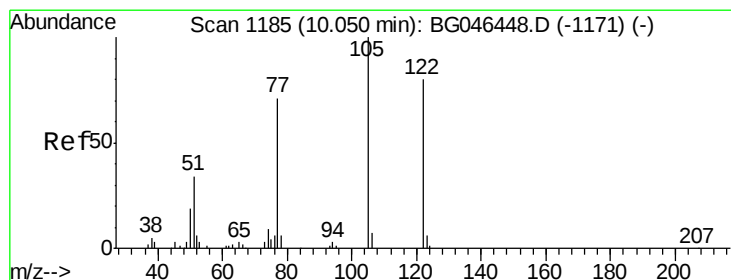
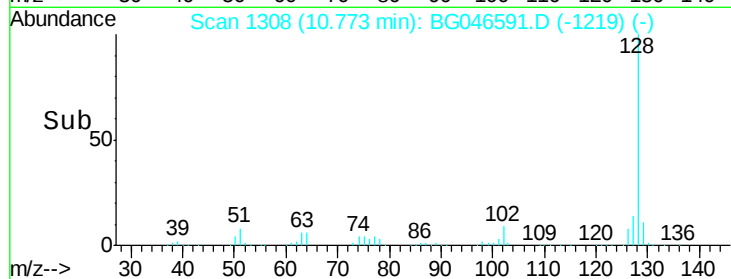
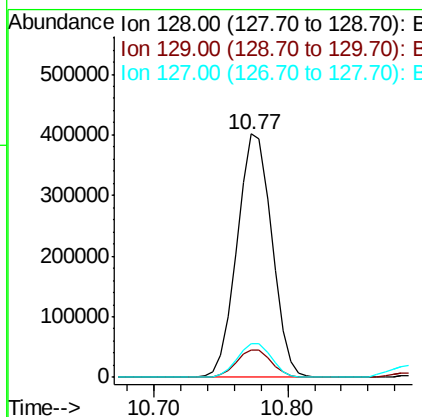
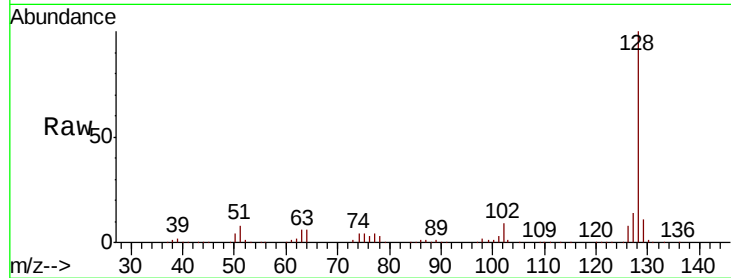
#31
Naphthalene
Concen: 48.208 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.6	10.7	16.1

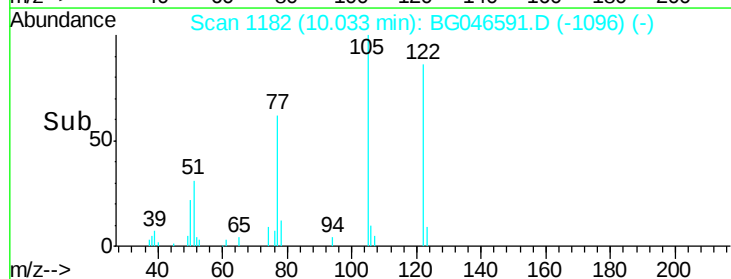
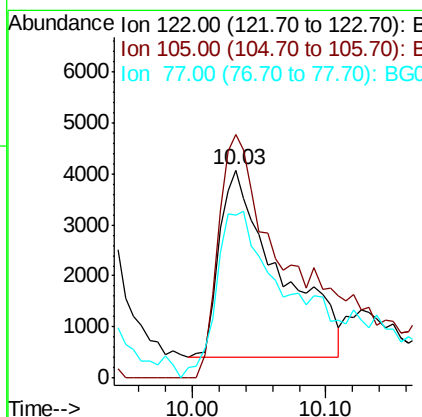
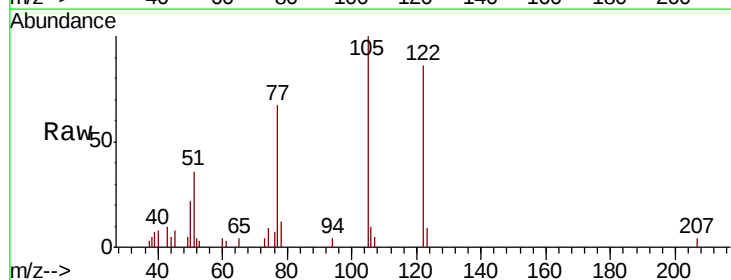
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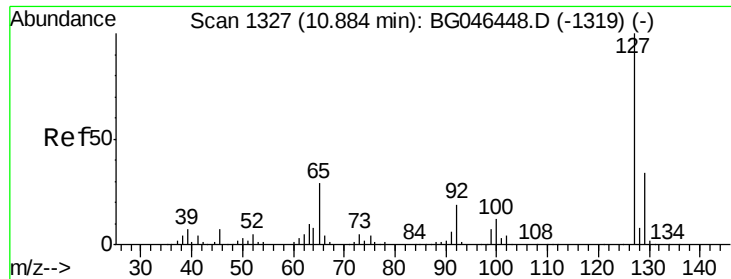
mohammad
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#32
Benzoic acid
Concen: 9.049 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	102.5	142.5
77	78.1	68.2	108.2





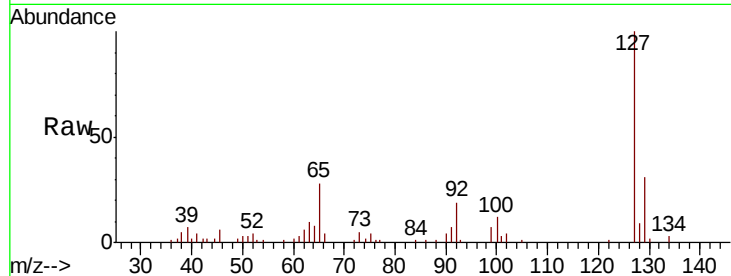
#33
4-Chloroaniline
Concen: 6.824 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

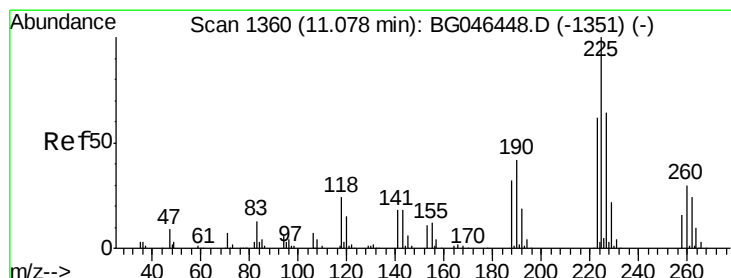
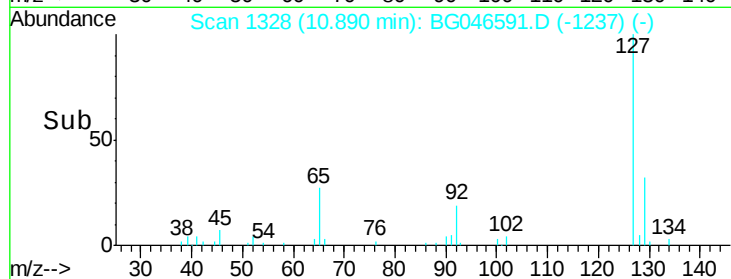
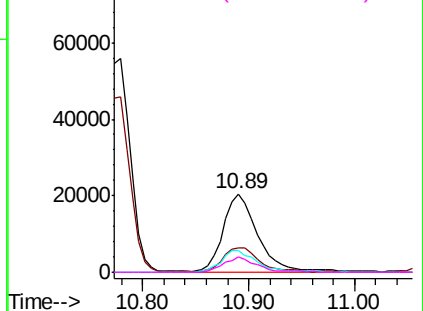
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	27.0	40.4		
65	27.9	23.5	35.3		
92	19.1	14.9	22.3		

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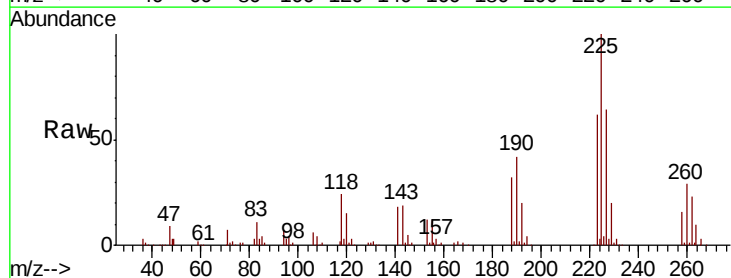


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

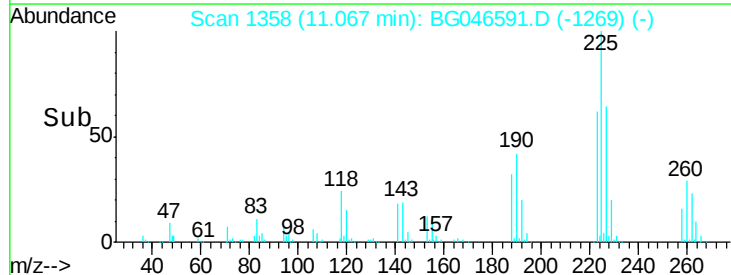
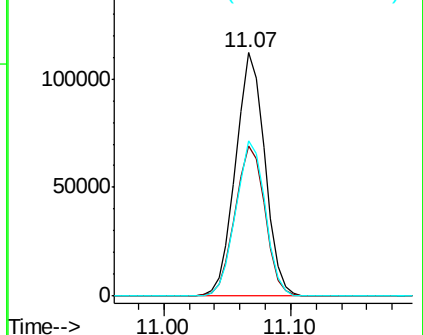


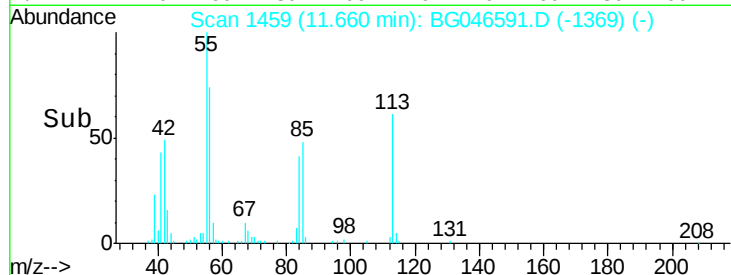
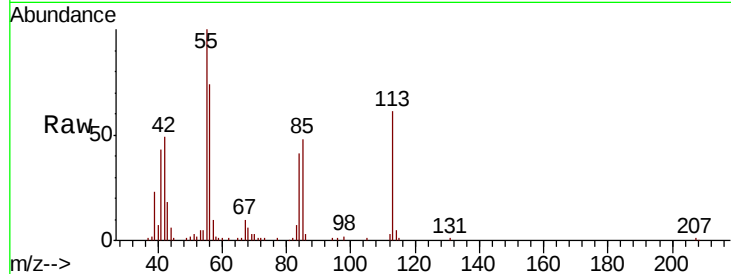
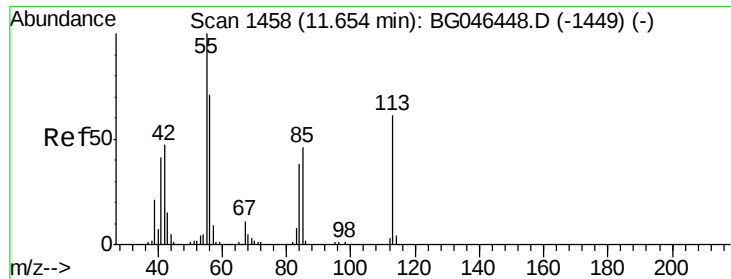
#34
Hexachlorobutadiene
Concen: 45.069 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.9	74.9		
227	63.6	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





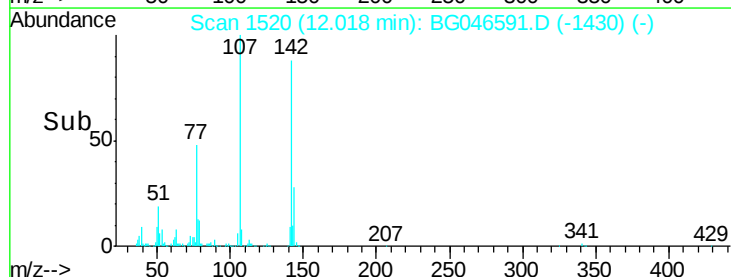
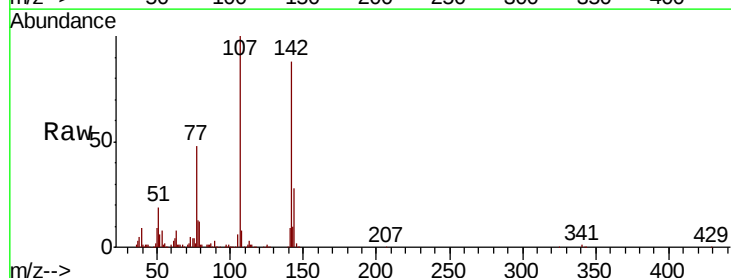
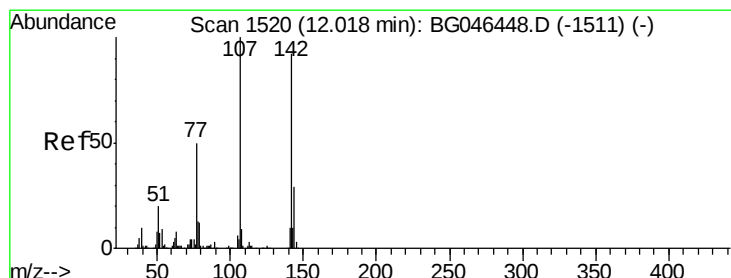
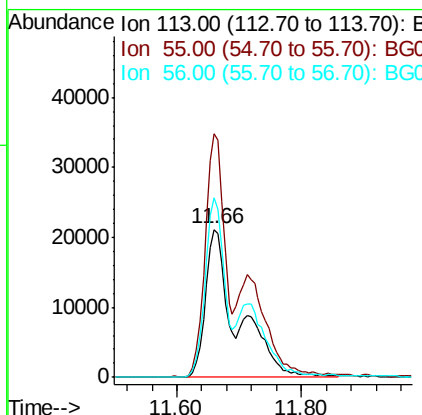
#35
Caprolactam
Concen: 38.682 ng/ml
RT: 11.66 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tot Ion: 113 Resp: 74482
Ion Ratio Lower Upper
113 100
55 164.4 144.2 184.2
56 121.5 97.0 137.0

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

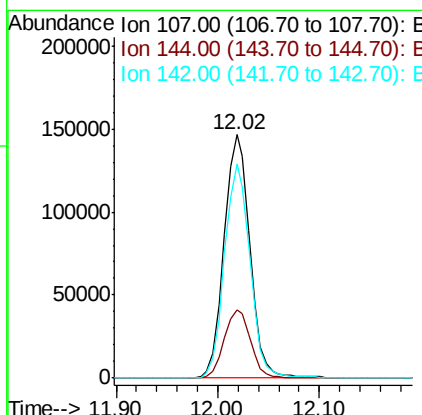
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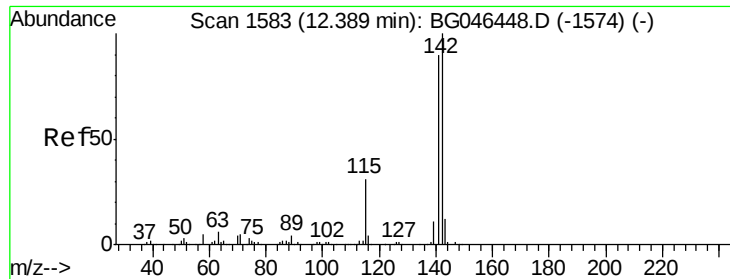
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.467 ng/ml
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion: 107 Resp: 259296
Ion Ratio Lower Upper
107 100
144 28.3 23.3 34.9
142 88.2 73.7 110.5





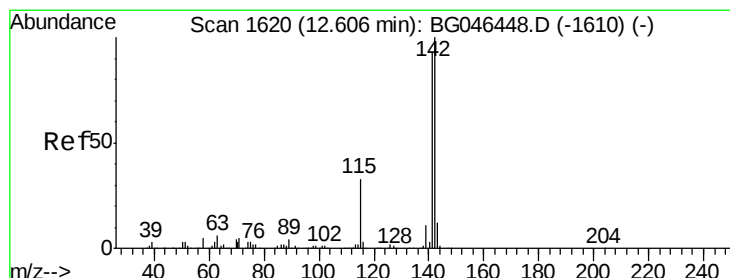
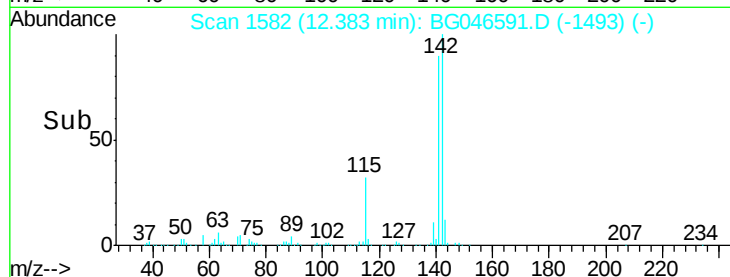
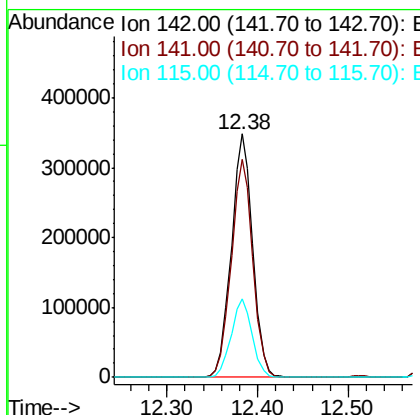
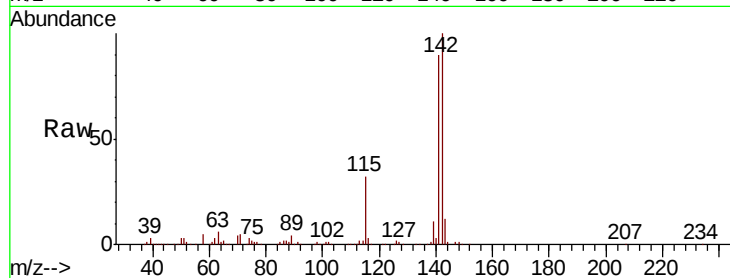
#37
2-Methylnaphthalene
Concen: 47.987 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
115	32.2	24.9	37.3

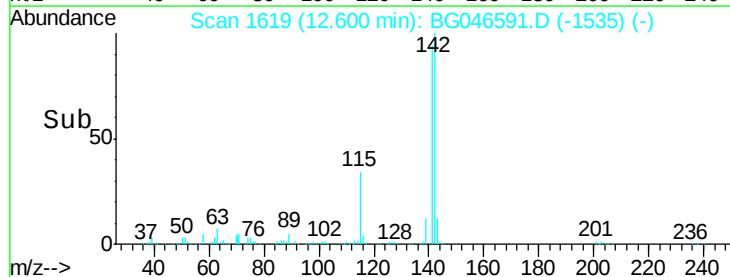
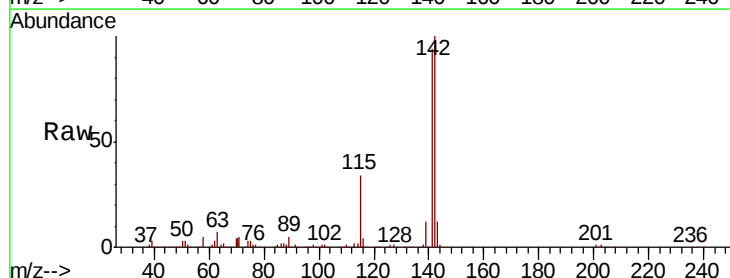
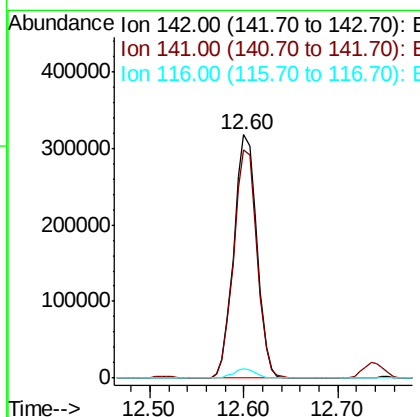
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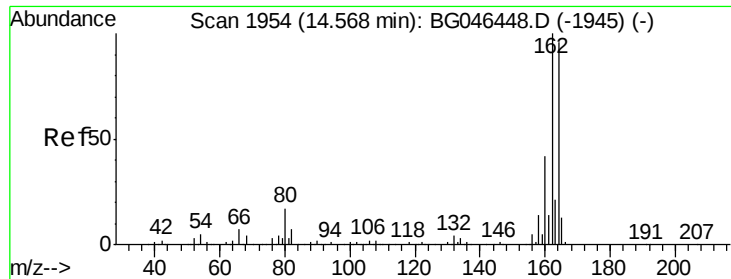
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#38
1-Methylnaphthalene
Concen: 48.230 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1
116	3.9	2.6	4.0





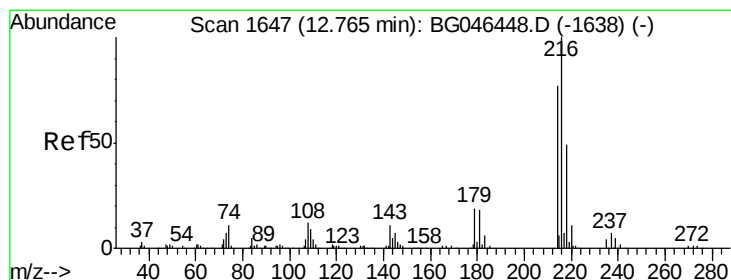
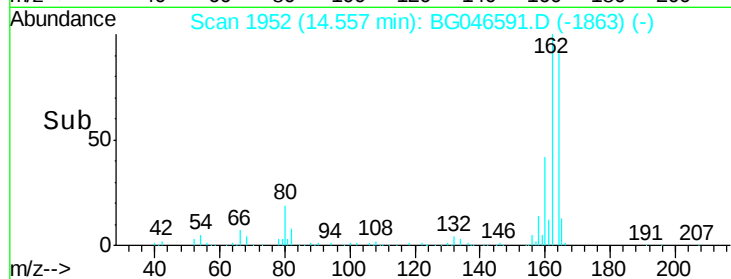
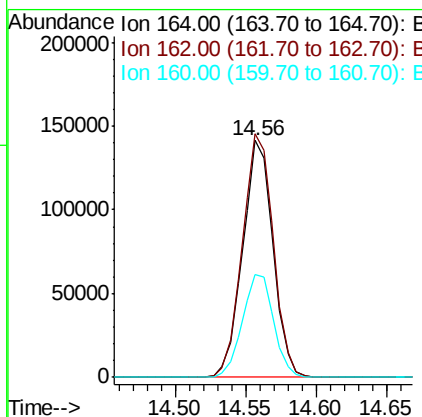
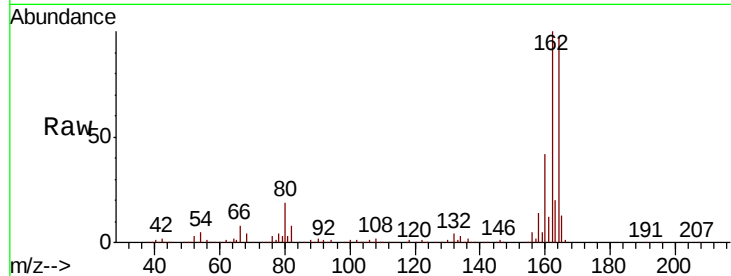
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.3	124.9
160	43.6	35.0	52.6

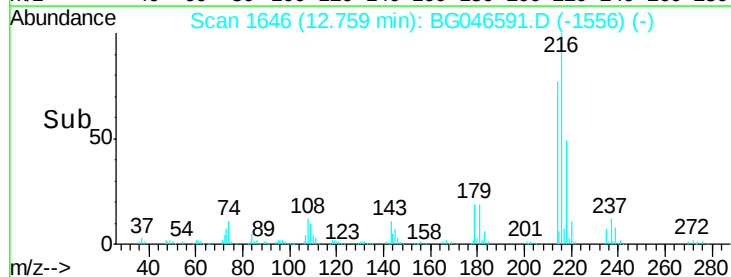
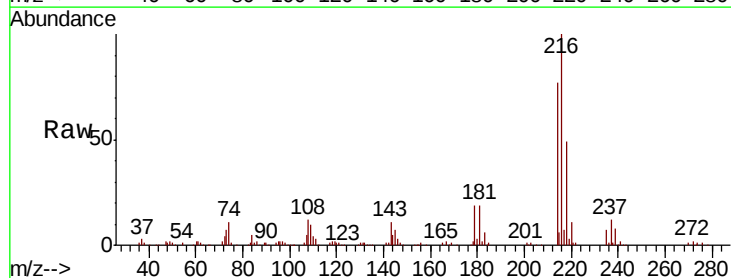
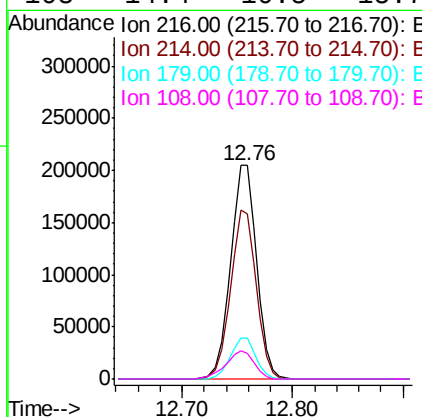
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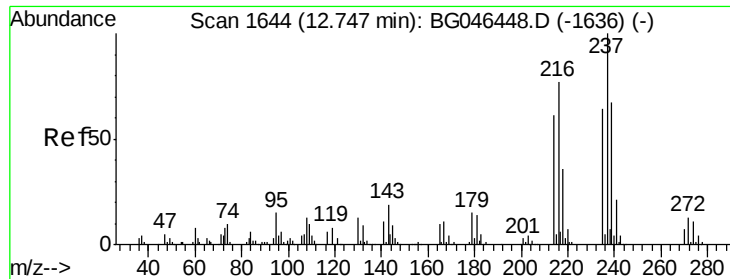
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.389 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.1	93.1
179	18.9	14.9	22.3
108	14.4	10.5	15.7





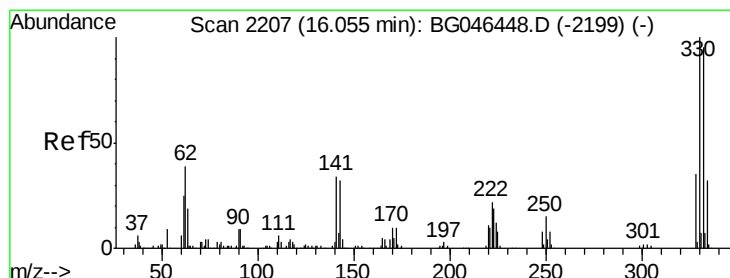
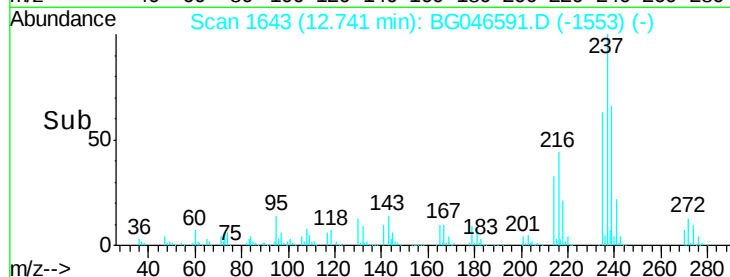
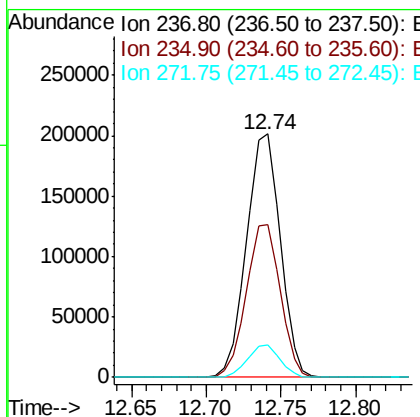
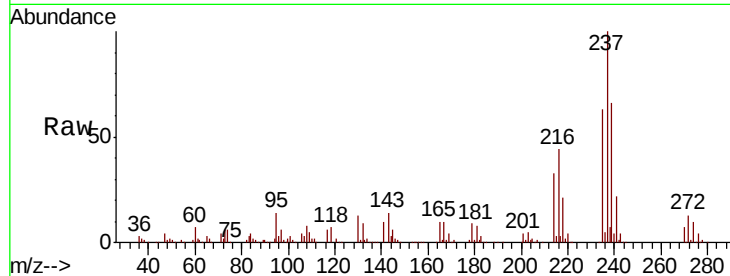
#41
Hexachlorocyclopentadiene
Concen: 103.423 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.5	84.5
272	13.1	0.0	32.8

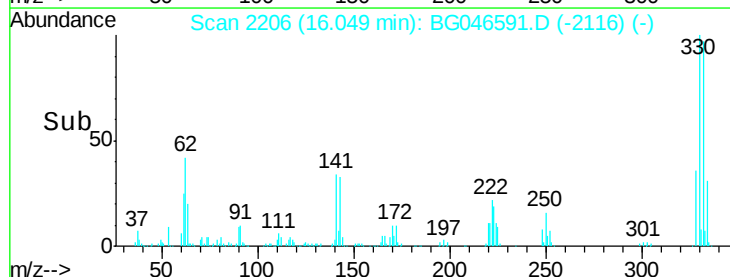
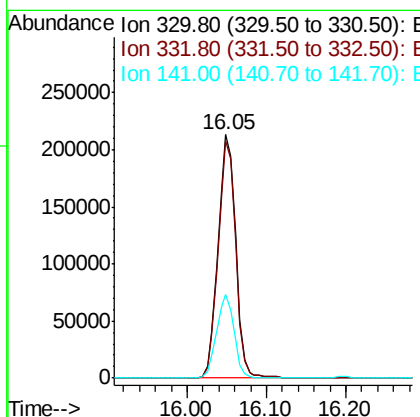
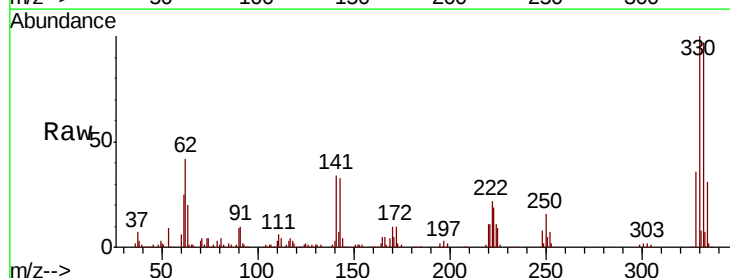
Manual Integrations
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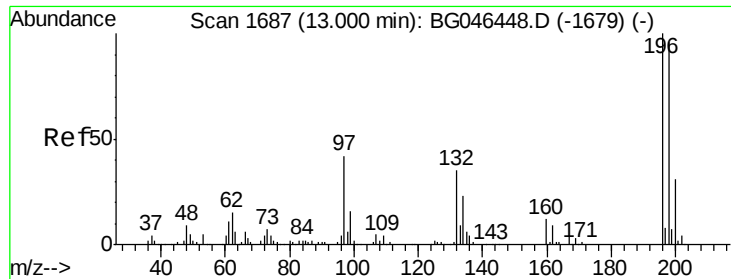
mohammad
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#42
2,4,6-Tribromophenol
Concen: 114.909 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	76.1	114.1
141	33.8	26.1	39.1





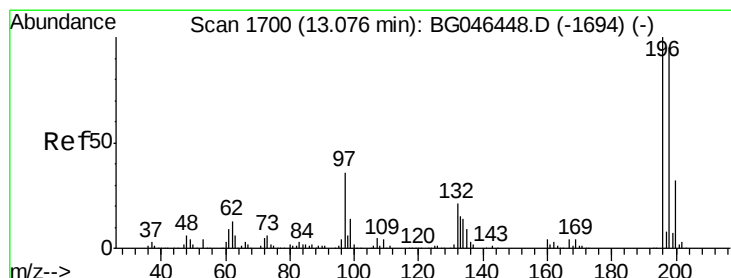
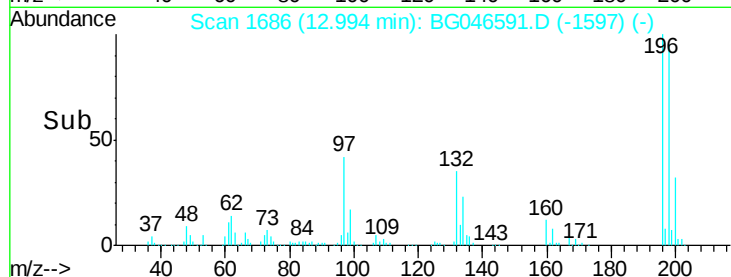
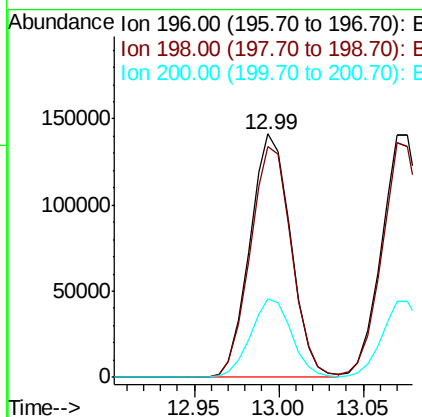
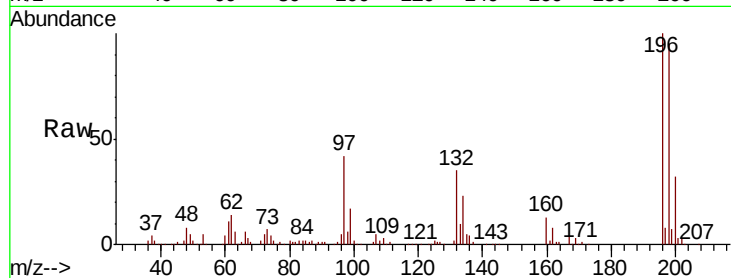
#43
 2,4,6-Trichlorophenol
 Concen: 50.239 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion:	196	Resp:	237194
Ion Ratio	Lower	Upper	
196	100		
198	95.0	77.0	115.6
200	32.0	25.2	37.8

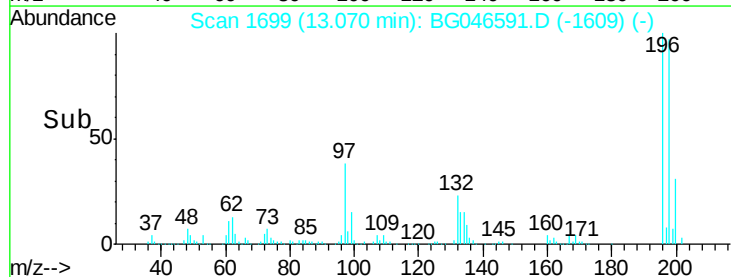
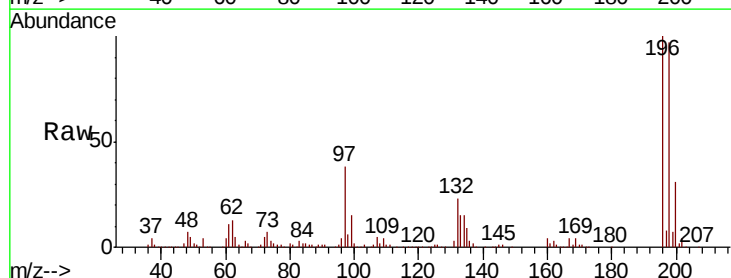
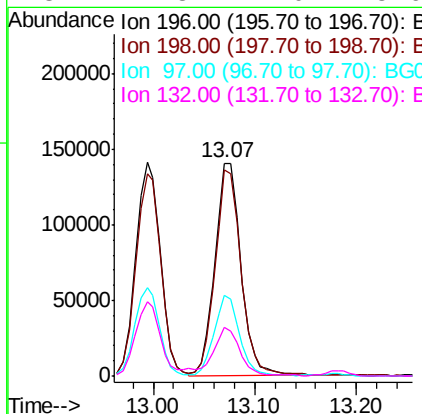
Manual Integrations
 APPROVED

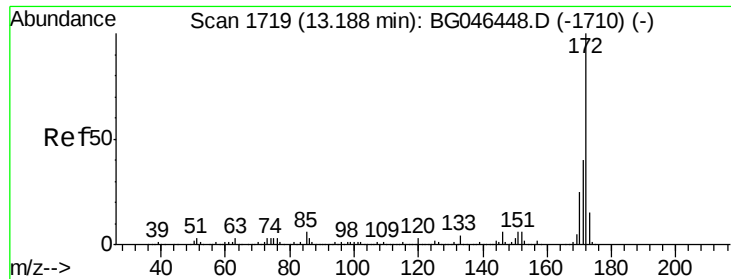
mohammad
 9/11/2020 11:47:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.658 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion:	196	Resp:	251289
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.6	113.4
97	37.7	28.6	43.0
132	22.8	17.0	25.6





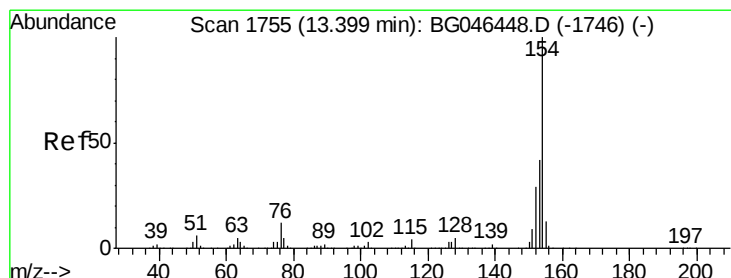
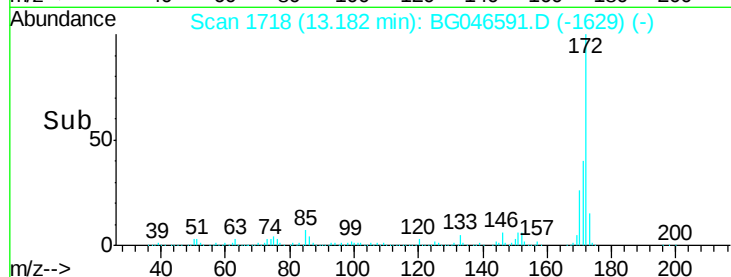
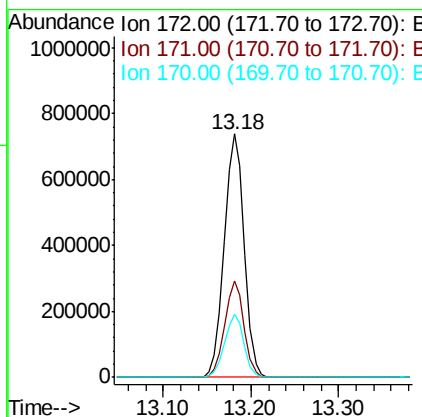
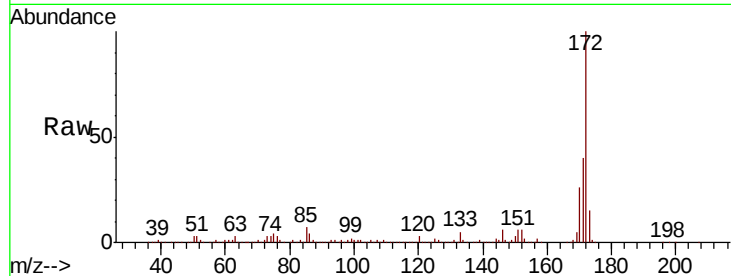
#45
 2-Fluorobiphenyl
 Concen: 83.216 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.8	47.6
170	26.2	20.3	30.5

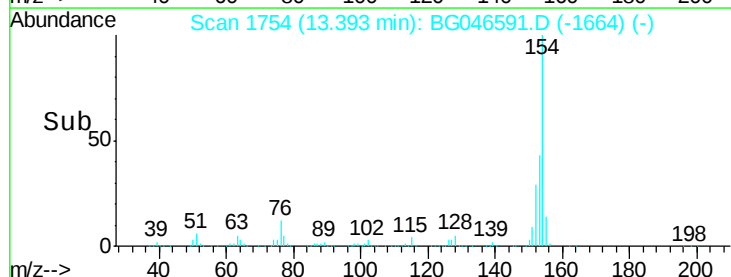
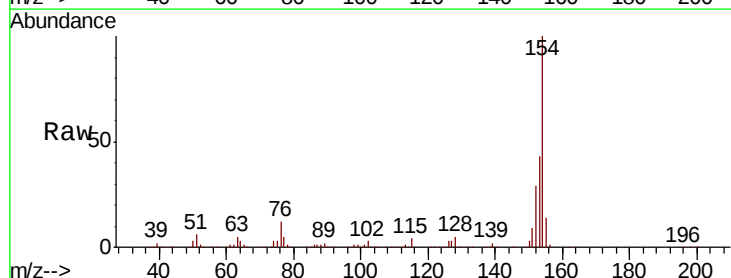
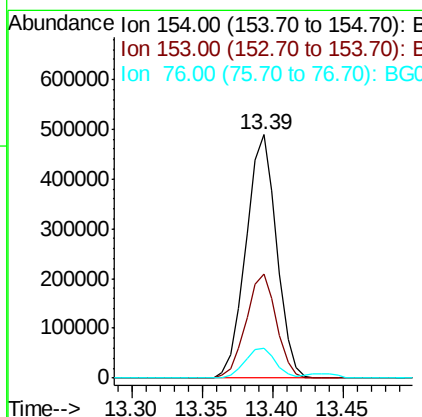
Manual Integrations
 APPROVED

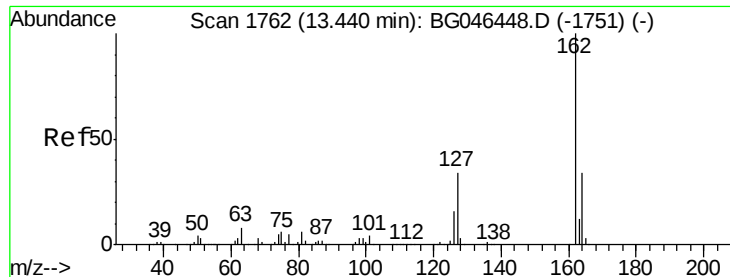
mohammad
 9/11/2020 11:47:55 AM



#46
 1,1'-Biphenyl
 Concen: 50.392 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.0	62.0
76	12.5	0.0	32.3





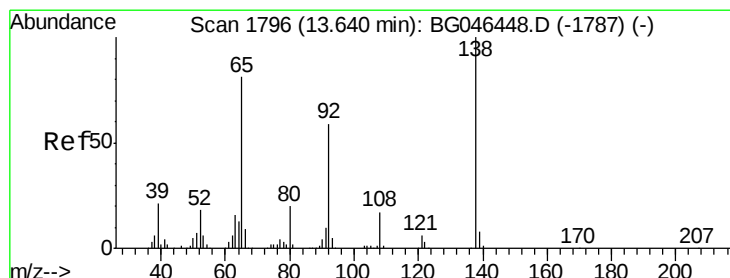
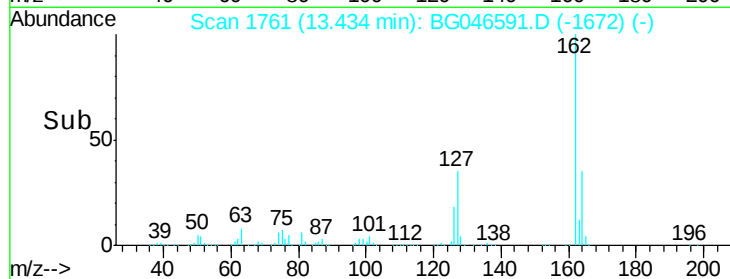
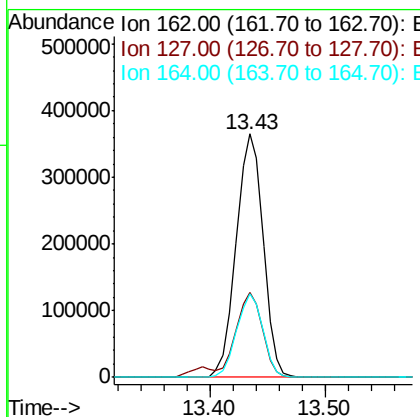
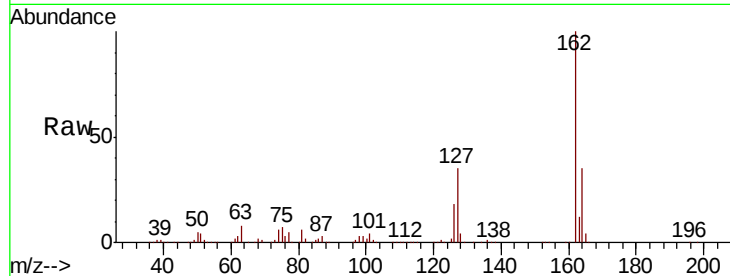
#47
2-Chloronaphthalene
Concen: 47.065 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.1	27.6	41.4	
164	34.5	27.3	40.9	

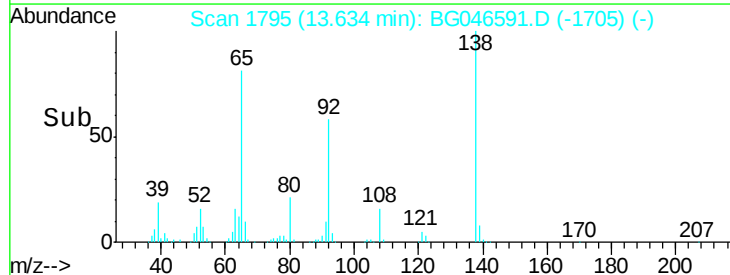
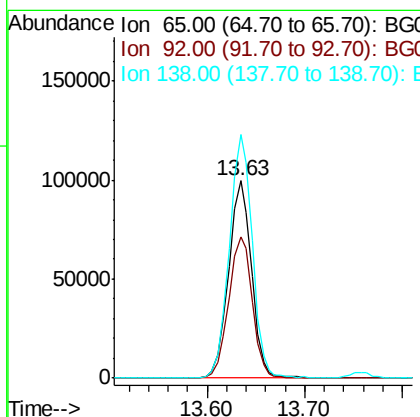
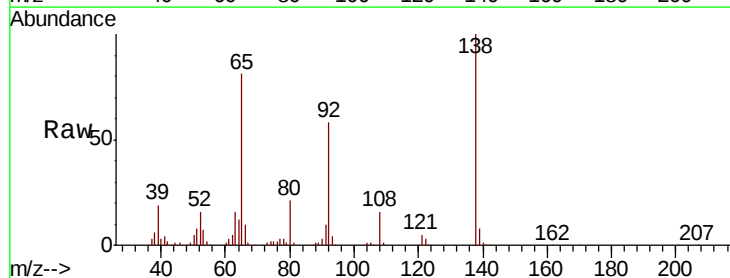
Manual Integrations
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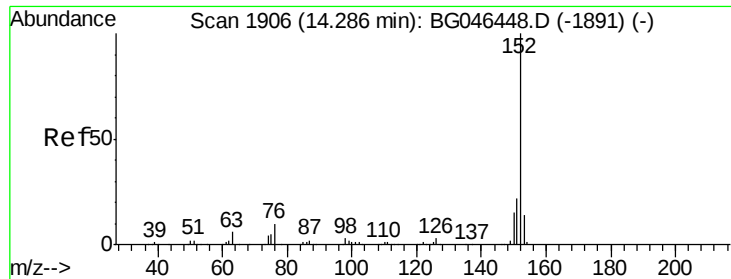
mohammad
9/11/2020 11:47:55 AM



#48
2-Nitroaniline
Concen: 46.938 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.0	58.5	87.7	
138	123.6	98.4	147.6	





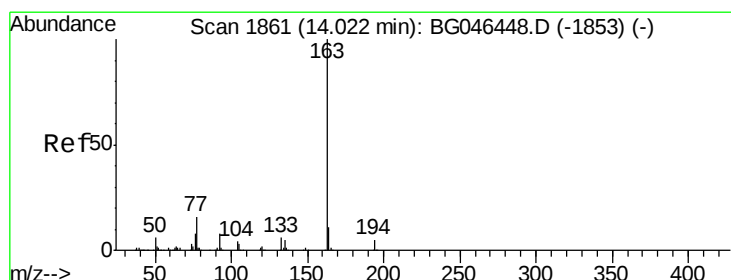
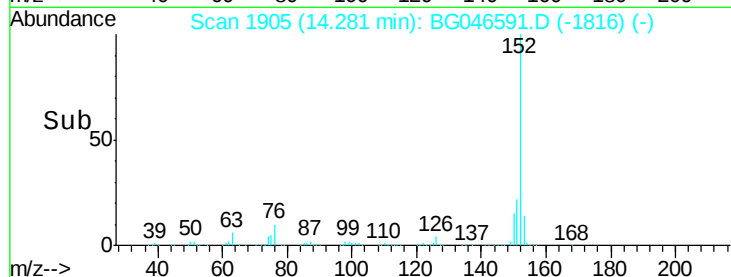
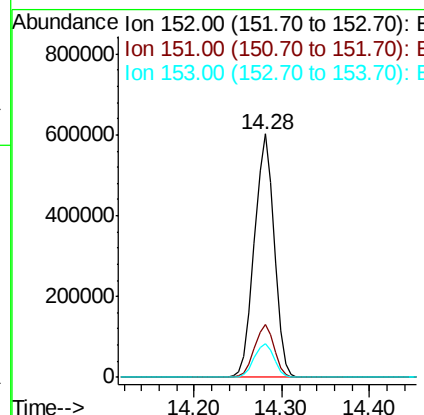
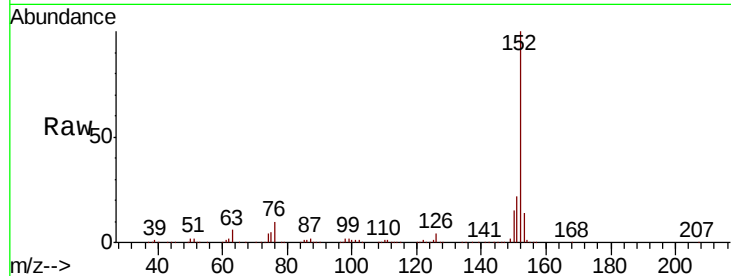
#49
Acenaphthylene
Concen: 48.436 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

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

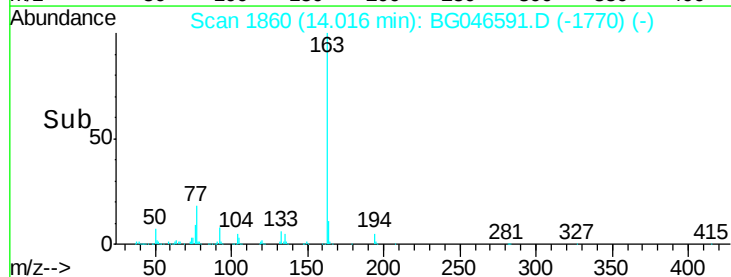
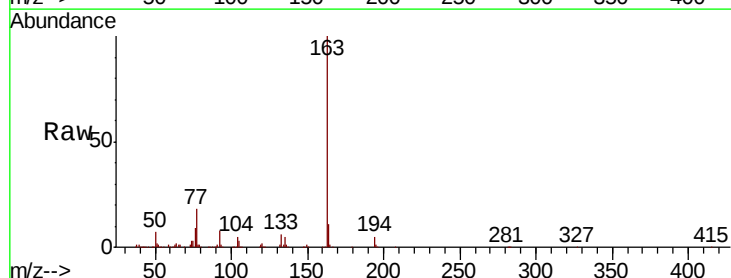
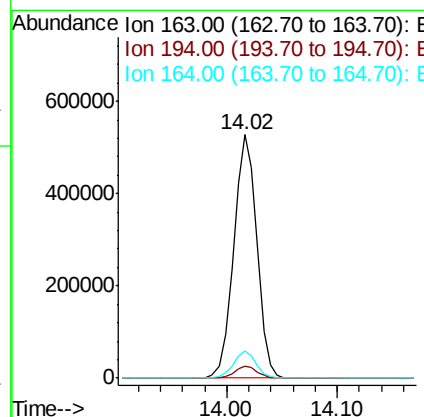
Manual Integrations
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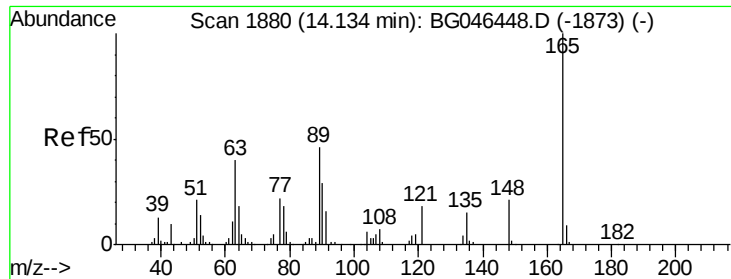
mohammad
9/11/2020 11:47:55 AM



#50
Dimethylphthalate
Concen: 46.991 ng
RT: 14.02 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	11.1	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 49.797 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

ClientSampleId :

SU-04-090820MSD

Tot Ion:165 Resp: 180174

Ion Ratio Lower Upper

165 100

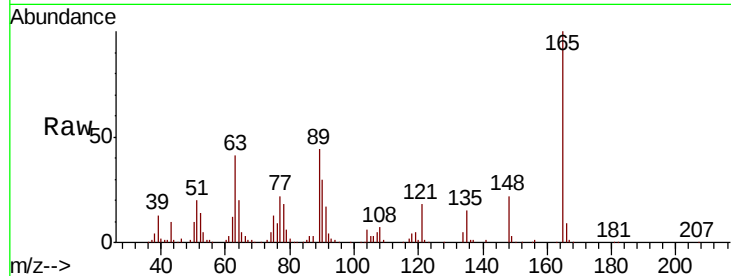
63 41.2 34.2 51.4

89 43.9 37.0 55.4

Manual Integrations
APPROVED

mohammad

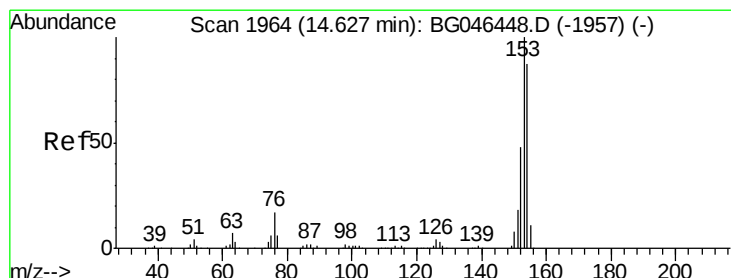
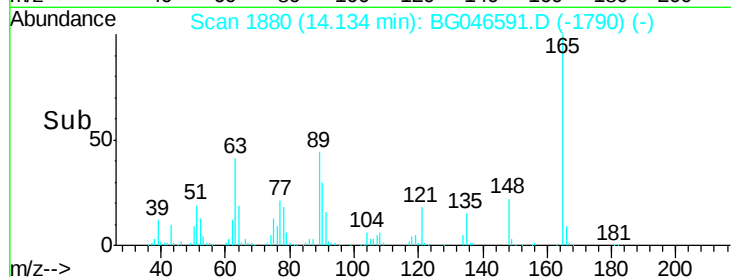
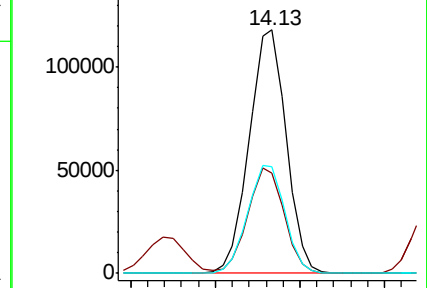
9/11/2020 11:47:55 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 48.009 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

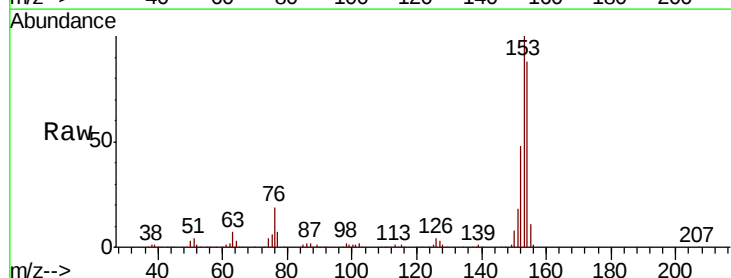
Tgt Ion:154 Resp: 564802

Ion Ratio Lower Upper

154 100

153 114.1 91.9 137.9

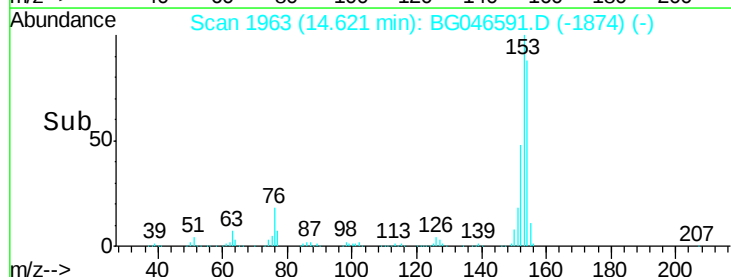
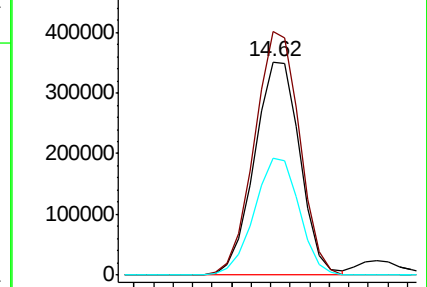
152 54.9 43.8 65.6

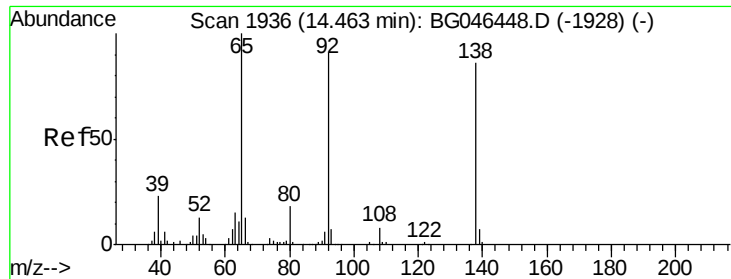


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





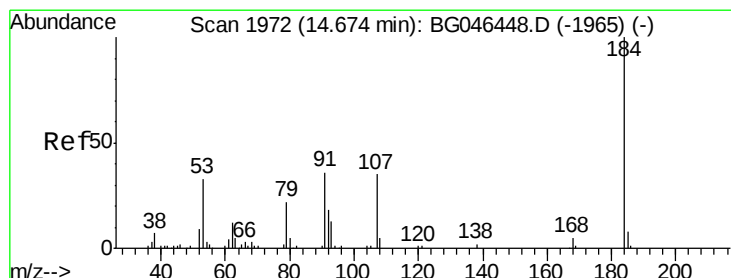
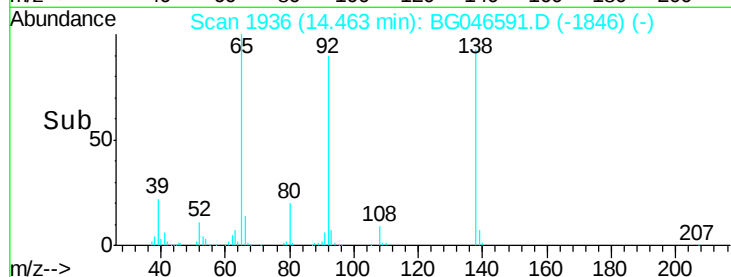
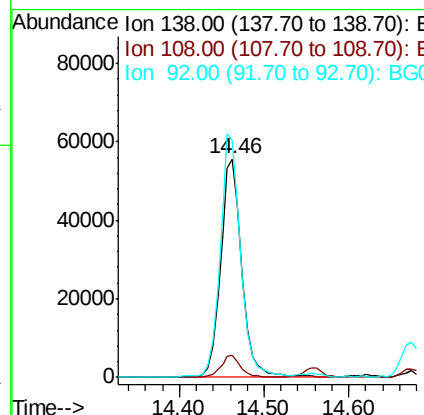
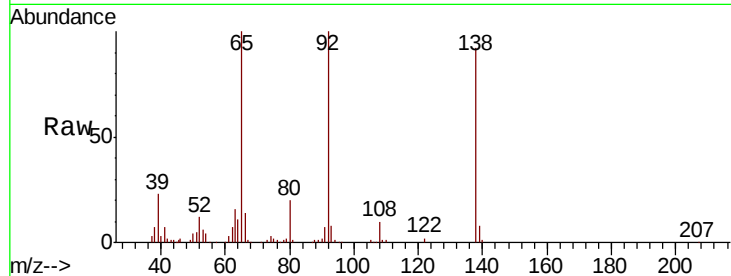
#53
 3-Nitroaniline
 Concen: 24.881 ng
 RT: 14.46 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.0	10.6
92	108.3	84.6	127.0

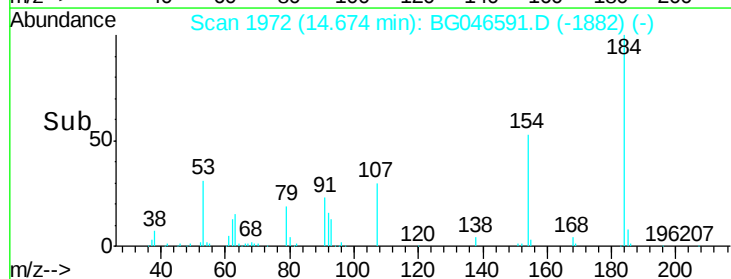
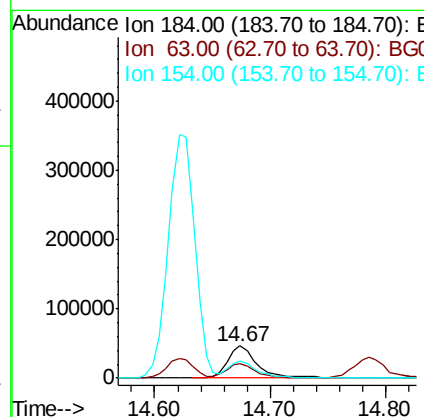
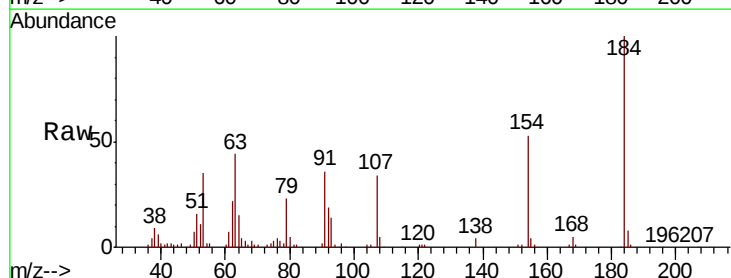
Manual Integrations
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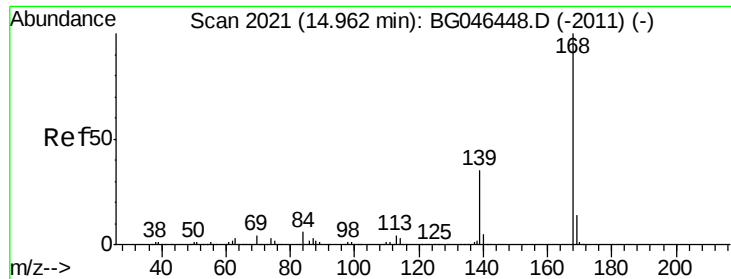
mohammad
 9/11/2020 11:47:55 AM



#54
 2,4-Dinitrophenol
 Concen: 39.185 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.5	35.6	53.4
154	52.9	44.3	66.5





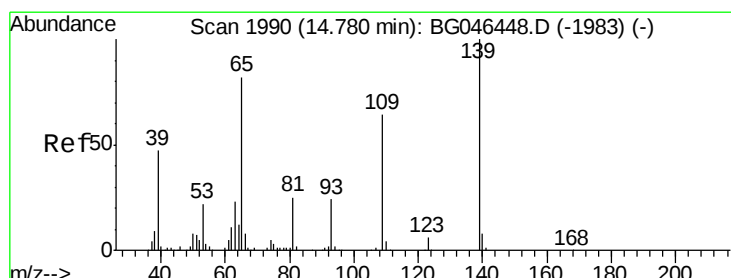
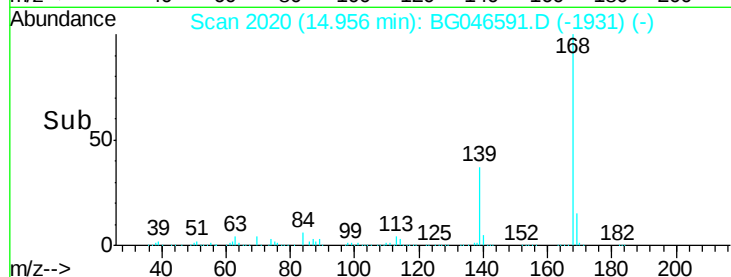
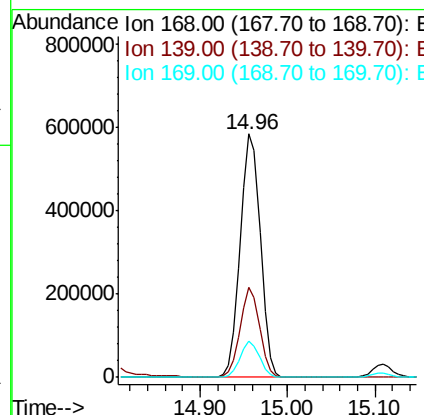
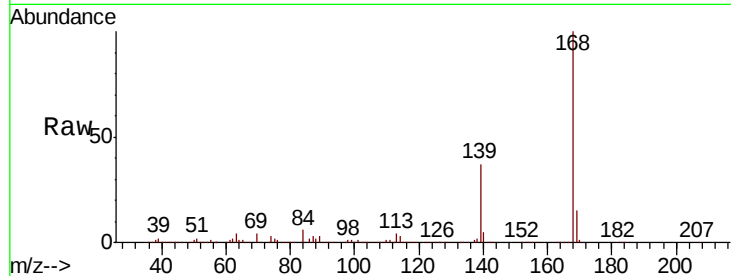
#55
Dibenzenofuran
Concen: 48.037 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	28.1	42.1
169	14.9	11.5	17.3

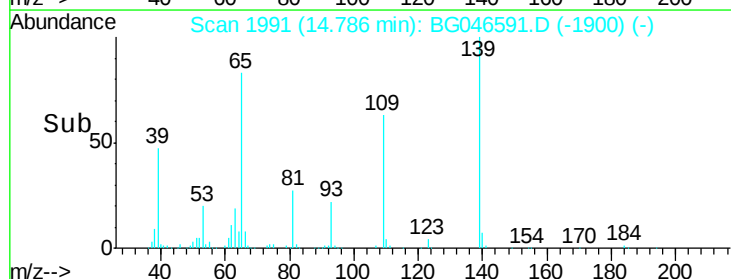
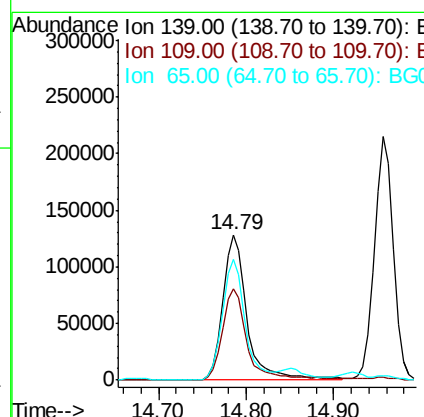
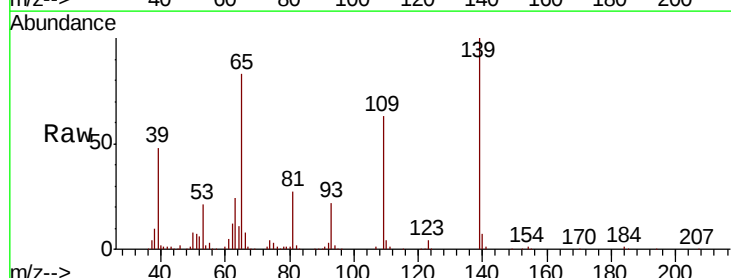
Manual Integrations
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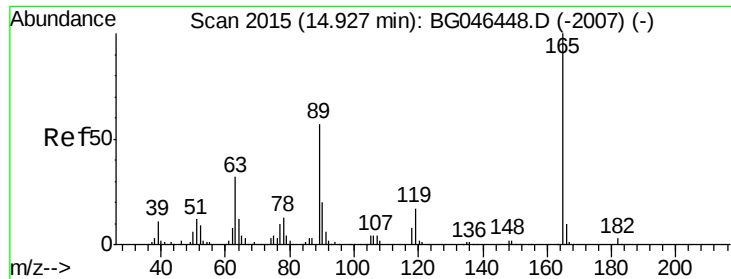
mohammad
9/11/2020 11:47:55 AM



#56
4-Nitrophenol
Concen: 85.831 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	44.3	84.3
65	83.3	61.5	101.5





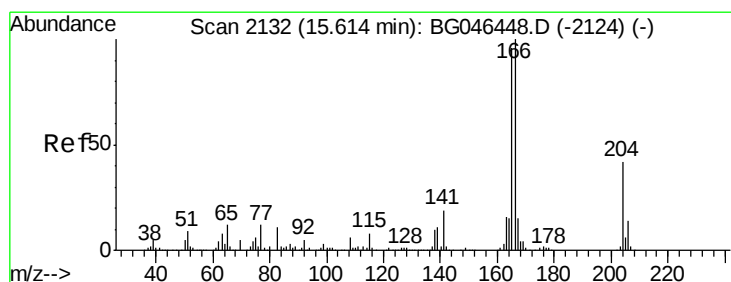
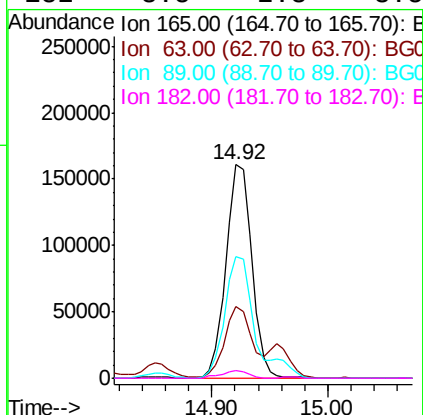
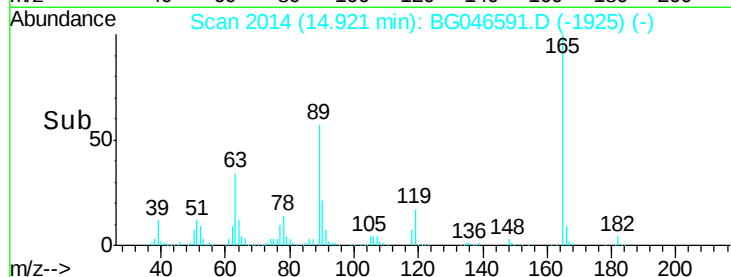
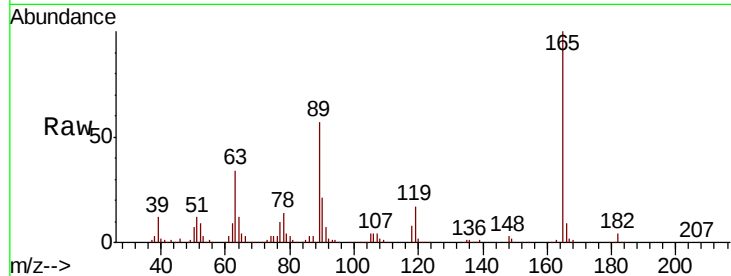
#57
2,4-Dinitrotoluene
Concen: 48.644 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250957		
63	33.6	25.4	38.0	
89	57.0	45.9	68.9	
182	3.5	2.3	3.5#	

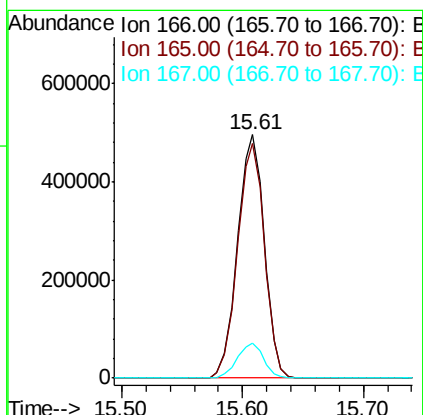
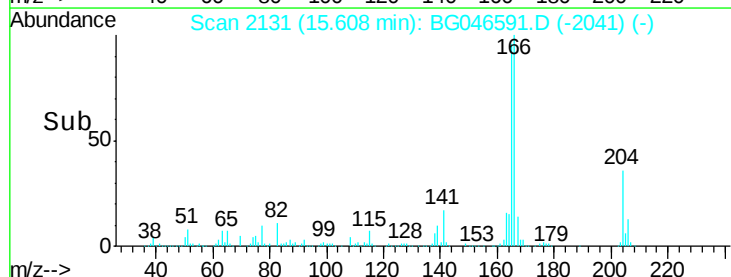
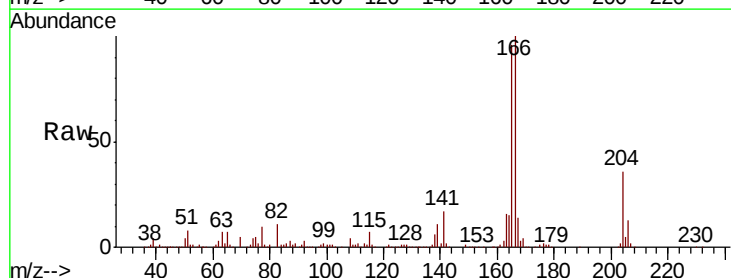
Manual Integrations
APPROVED

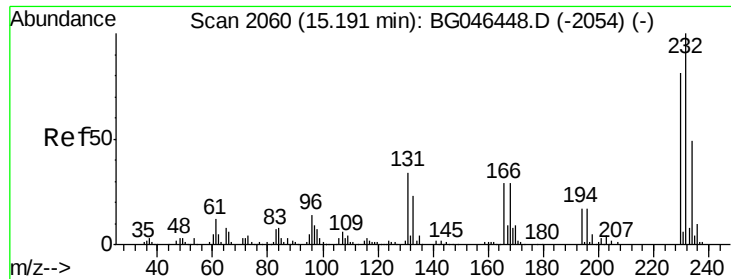
mohammad
9/11/2020 11:47:55 AM



#58
Fluorene
Concen: 48.250 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	764567		
165	96.4	77.0	115.4	
167	14.1	11.8	17.6	





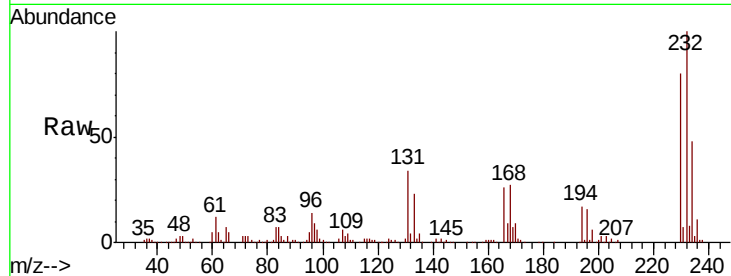
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.835 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

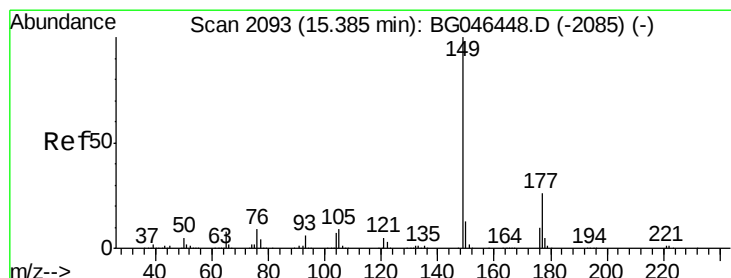
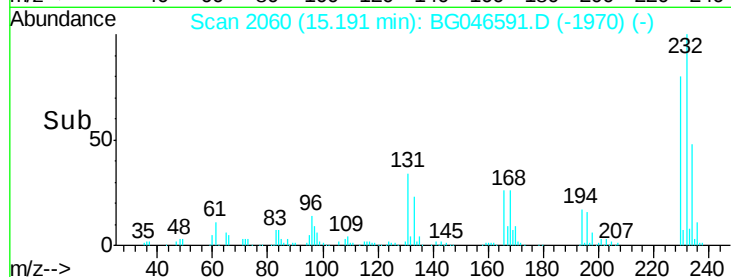
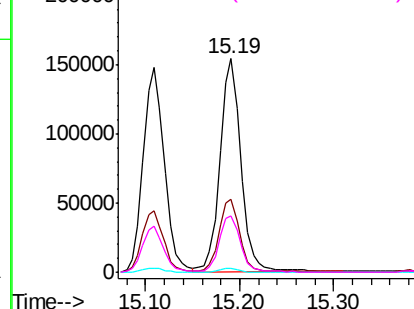
Tot Ion	Ratio	Resp	Lower	Upper
232	100	240056		
131	34.0		26.8	40.2
130	1.9		1.4	2.2
166	26.8		22.8	34.2

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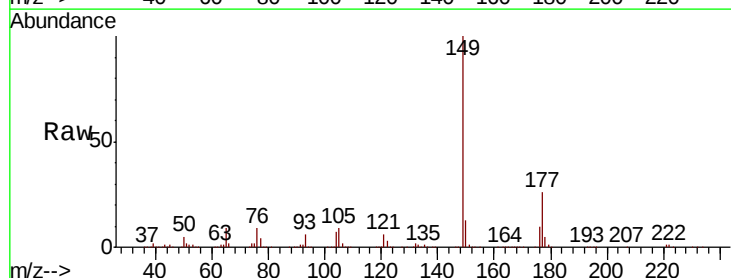


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

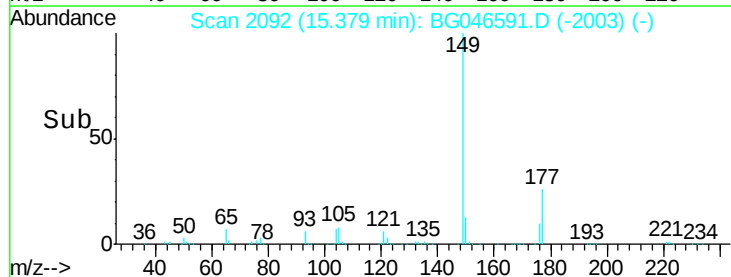
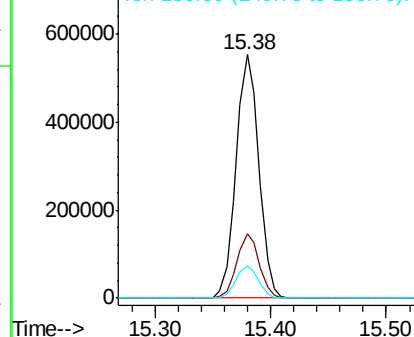


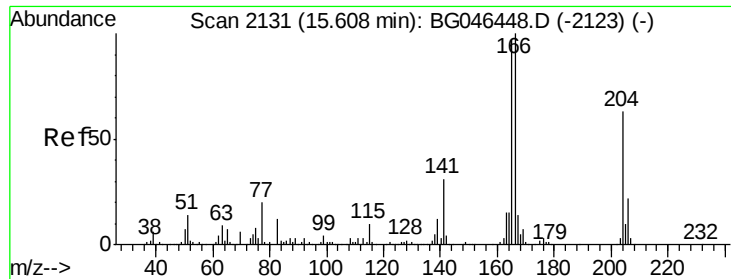
#60
Diethylphthalate
Concen: 47.054 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753022		
177	26.4		20.6	30.8
150	13.1		10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





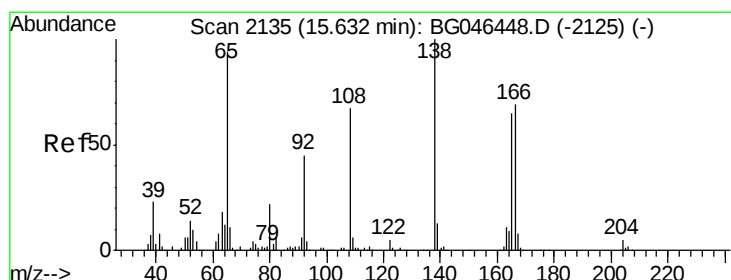
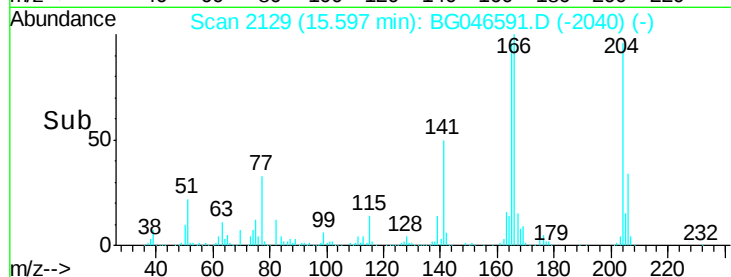
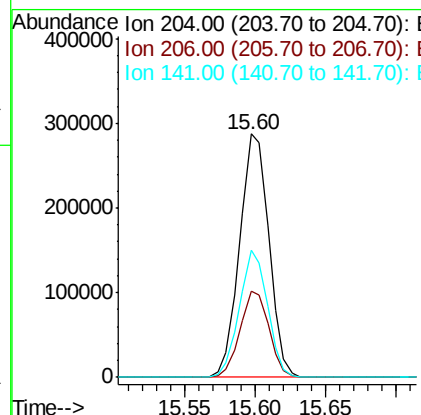
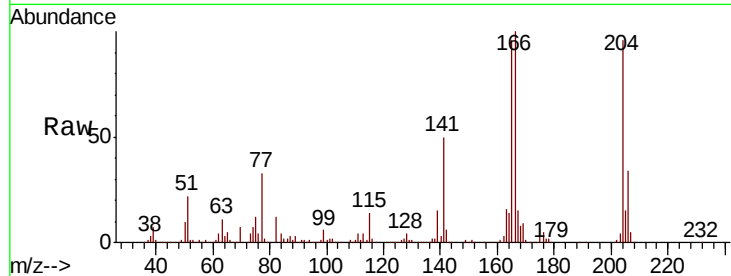
#61
4-Chlorophenyl-phenylether
Concen: 47.593 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.7	41.5
141	52.0	38.7	58.1

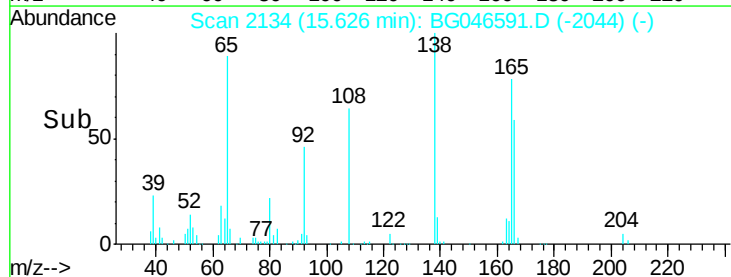
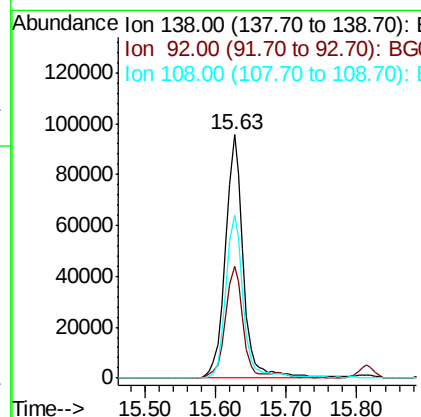
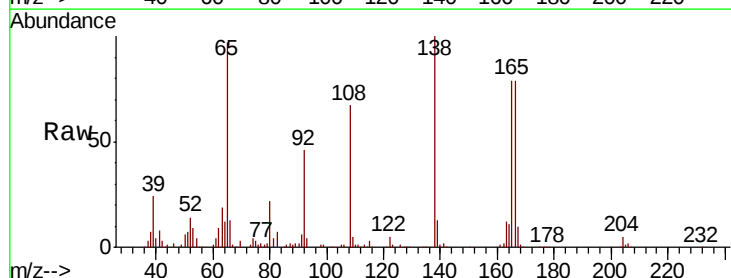
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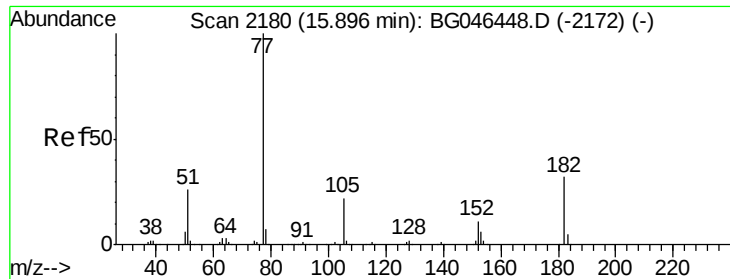
mohammad
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#62
4-Nitroaniline
Concen: 41.079 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	25.3	65.3
108	66.9	46.7	86.7





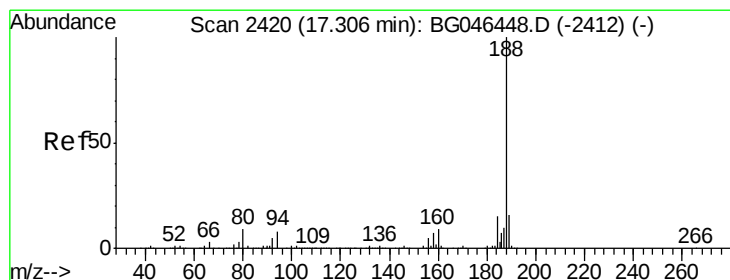
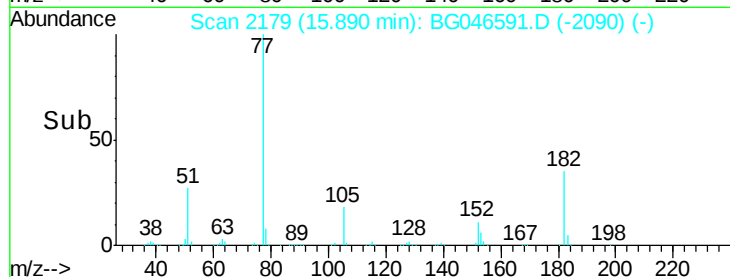
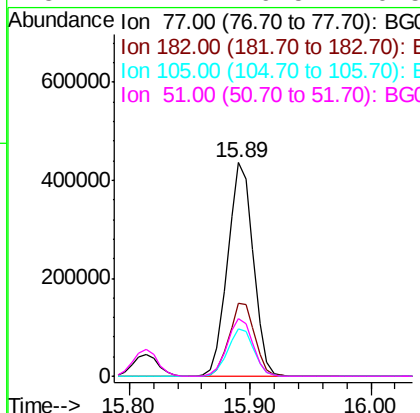
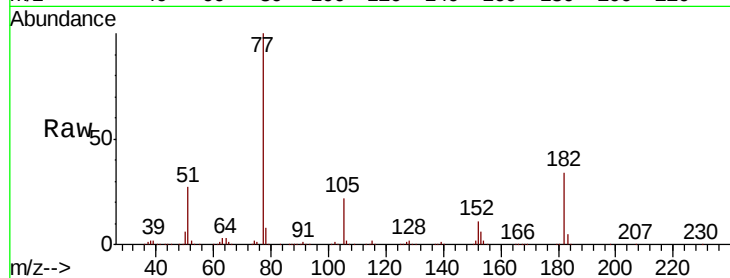
#63
Azobenzene
Concen: 49.112 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		639328		
182	34.1	12.3	52.3		
105	22.3	2.3	42.3		
51	27.2	6.5	46.5		

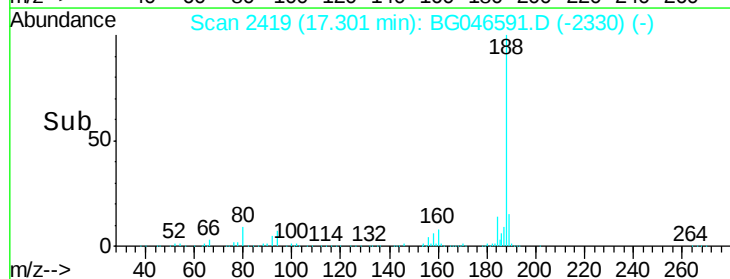
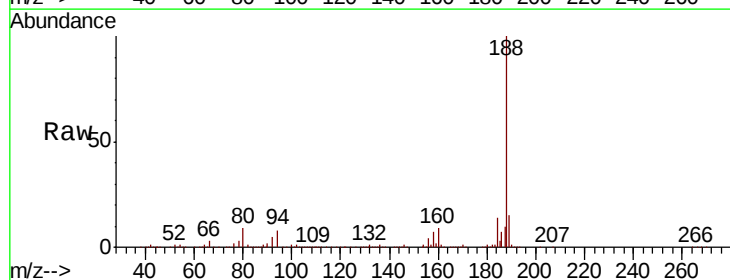
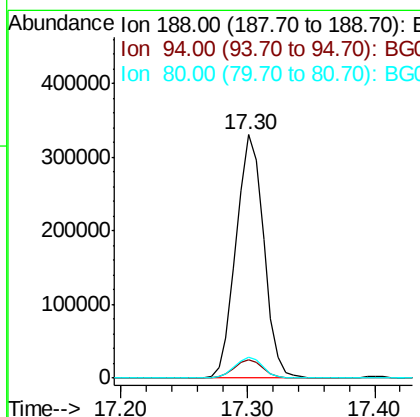
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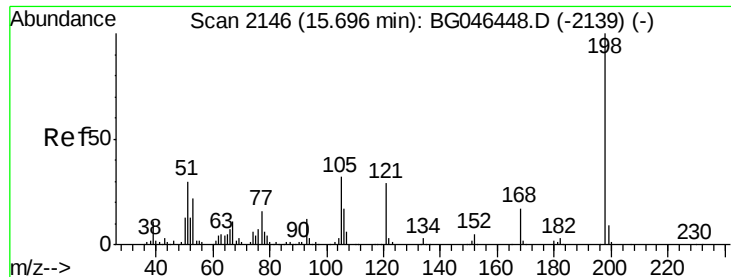
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		499163		
94	7.5	6.3	9.5		
80	8.7	6.9	10.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 34.982 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

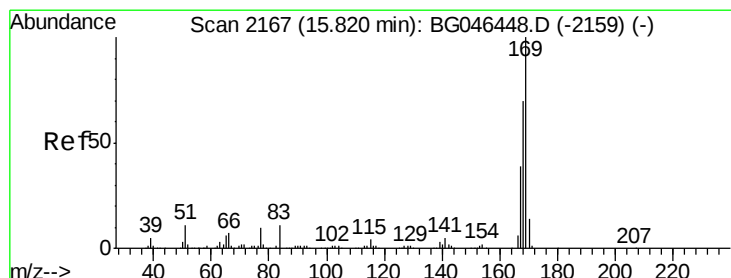
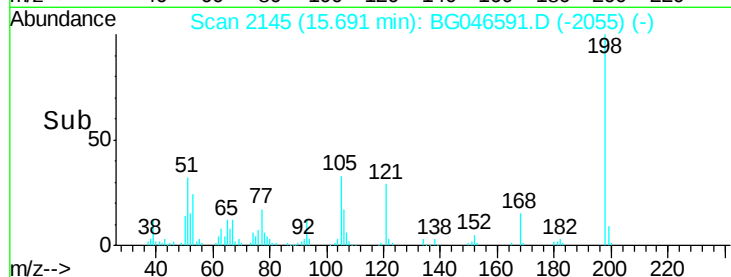
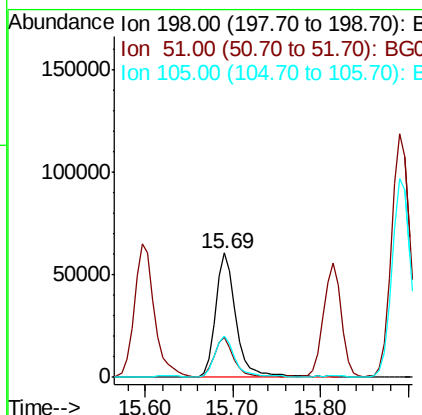
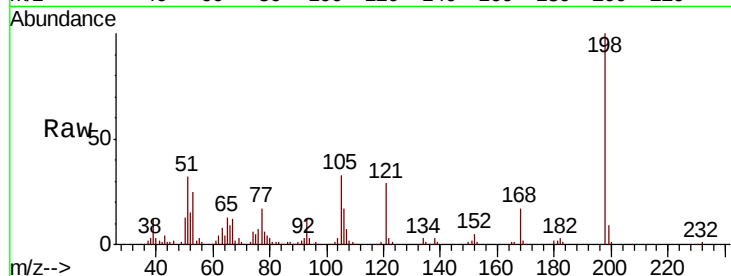
ClientSampleId :

SU-04-090820MSD

Tot Ion:	198	Resp:	98834
Ion Ratio	Lower	Upper	
198	100		
51	32.0	10.4	50.4
105	33.1	12.4	52.4

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#66

n-Nitrosodiphenylamine

Concen: 50.959 ng

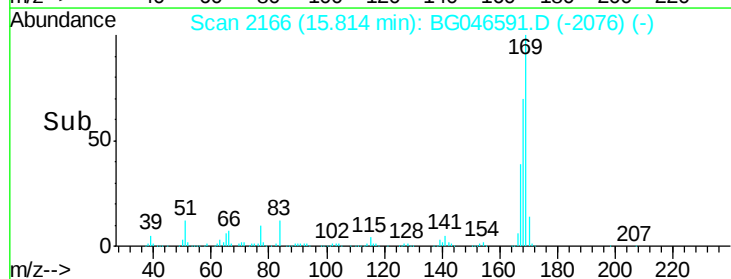
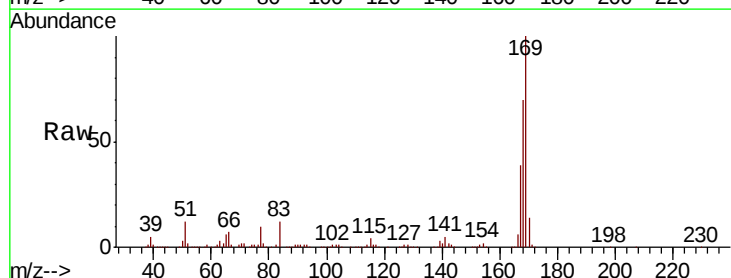
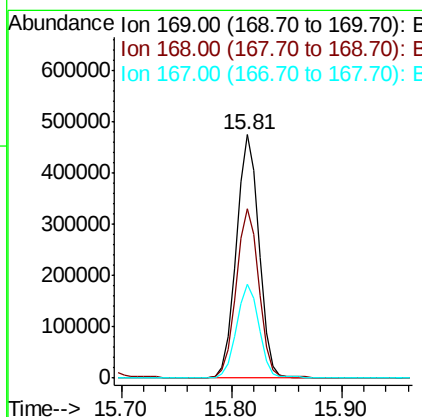
RT: 15.81 min Scan# 2166

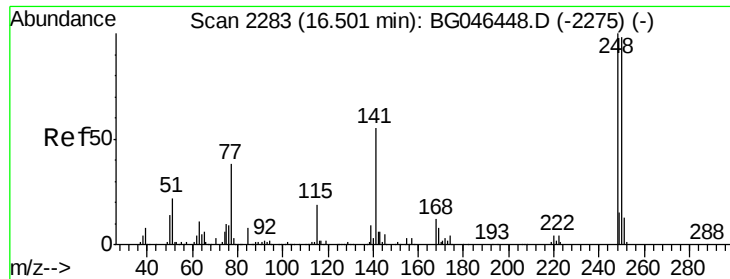
Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Tgt Ion:	169	Resp:	686233
Ion Ratio	Lower	Upper	
169	100		
168	69.8	55.8	83.8
167	38.6	31.0	46.6





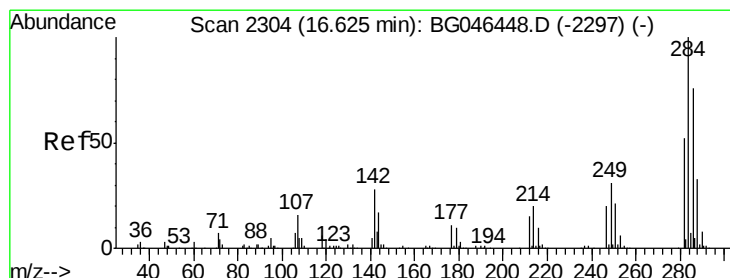
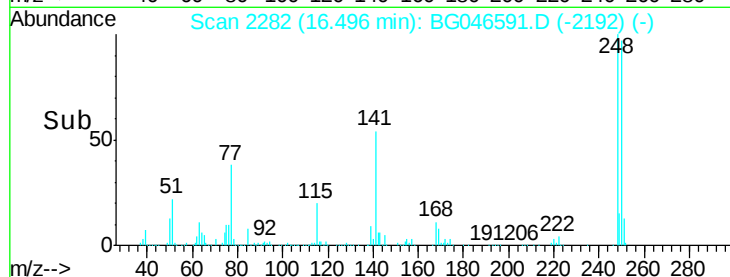
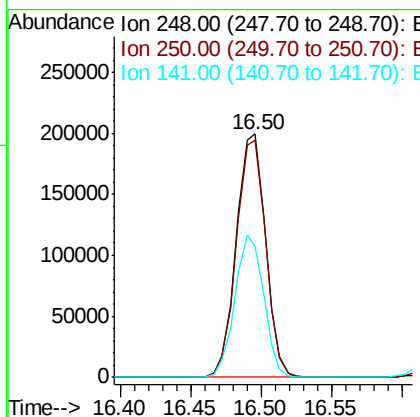
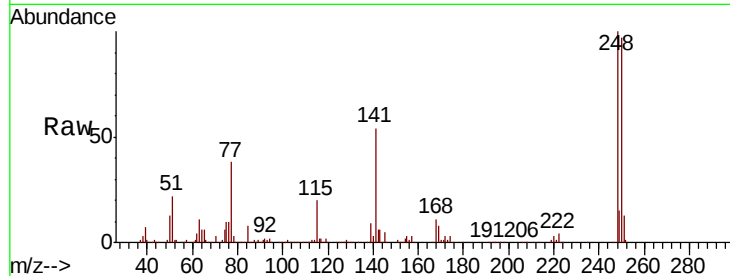
#67
4-Bromophenyl-phenylether
Concen: 49.565 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	118.0
141	53.9	43.9	65.9

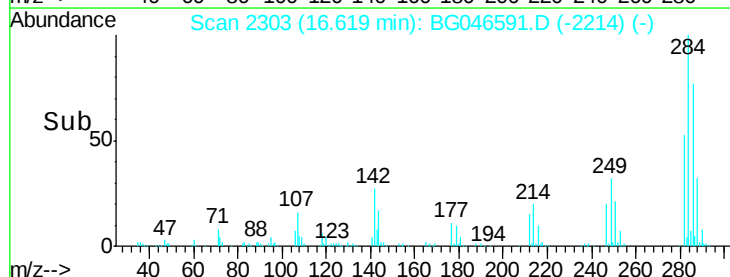
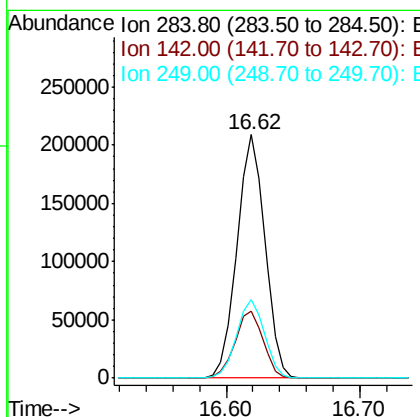
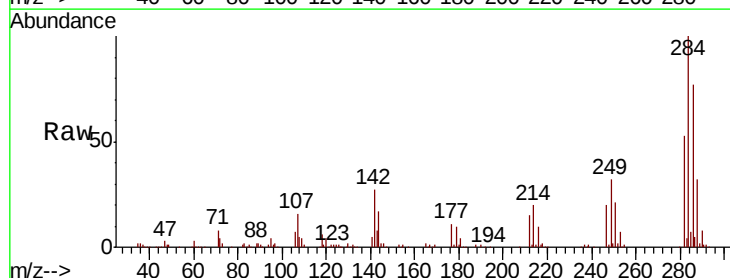
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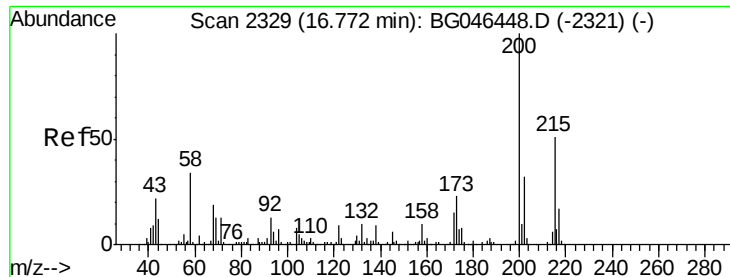
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#68
Hexachlorobenzene
Concen: 47.043 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	22.3	33.5
249	32.0	24.8	37.2





#69

Atrazine

Concen: 39.146 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

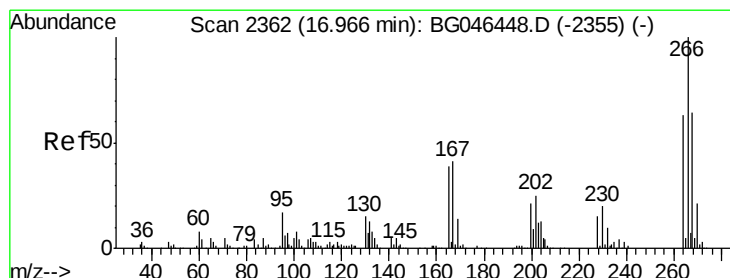
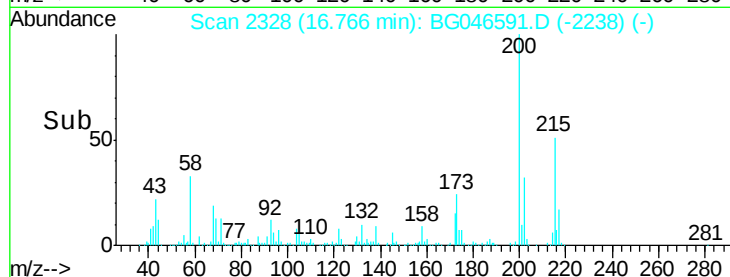
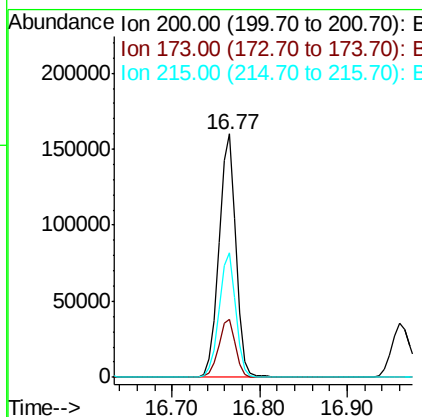
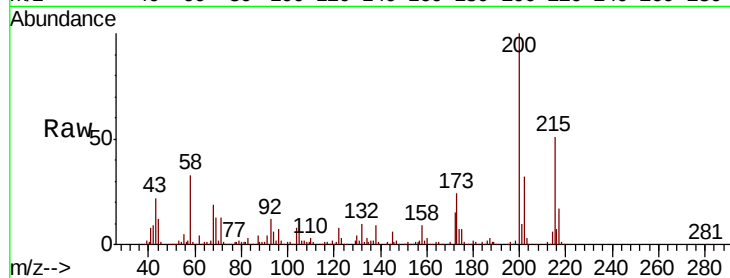
ClientSampleId :

SU-04-090820MSD

Tot Ion:	200	Resp:	215052
Ion Ratio	Lower	Upper	
200	100		
173	23.8	3.3	43.3
215	51.1	30.9	70.9

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#70

Pentachlorophenol

Concen: 87.914 ng

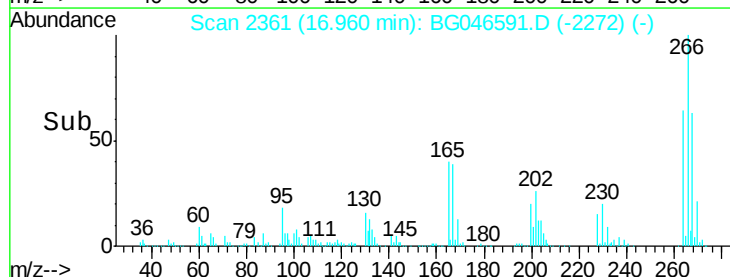
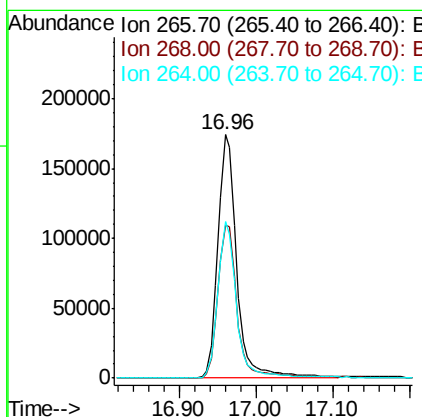
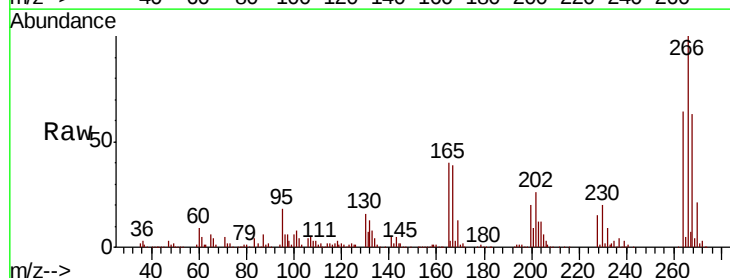
RT: 16.96 min Scan# 2361

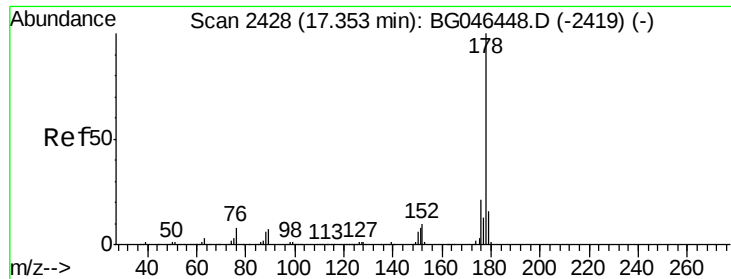
Delta R.T. -0.01 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Tgt Ion:	266	Resp:	296248
Ion Ratio	Lower	Upper	
266	100		
268	62.6	51.1	76.7
264	64.3	50.2	75.2





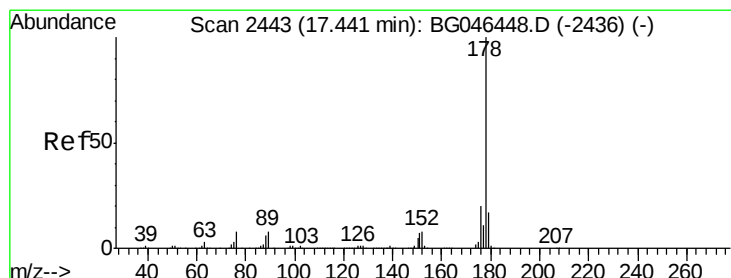
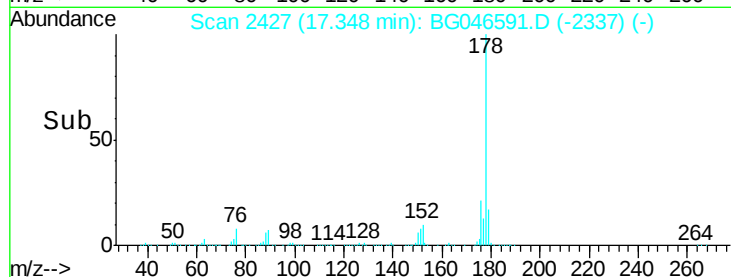
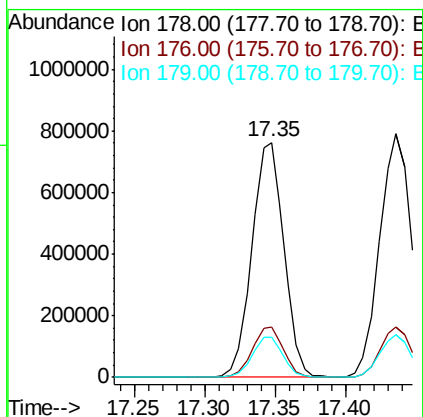
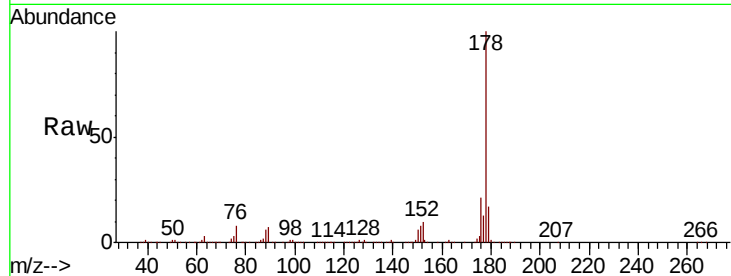
#71
Phenanthrene
Concen: 47.956 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion:178 Resp: 1213333
Ion Ratio Lower Upper
178 100
176 21.4 16.8 25.2
179 17.2 13.2 19.8

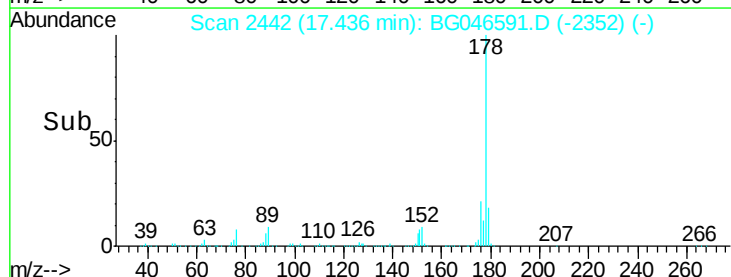
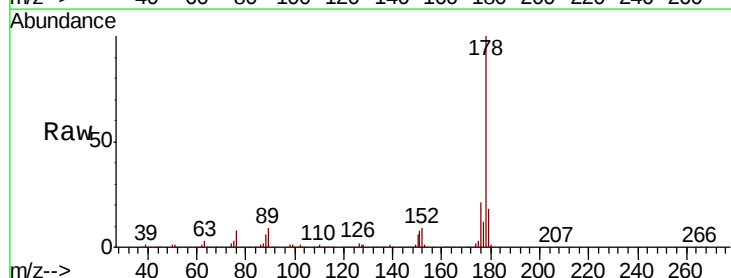
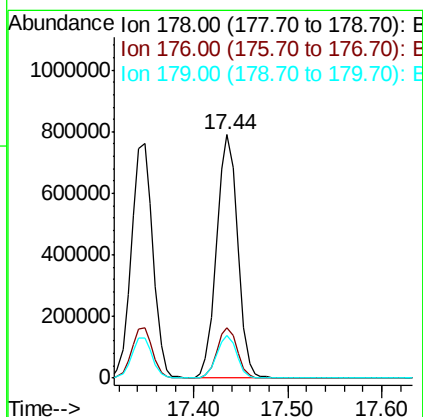
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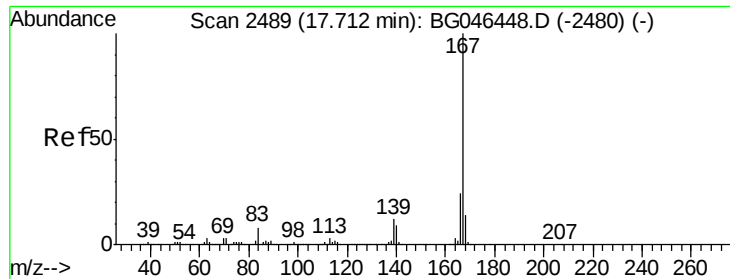
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#72
Anthracene
Concen: 49.685 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion:178 Resp: 1240273
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.6 13.3 19.9





#73

Carbazole

Concen: 47.706 ng

RT: 17.71 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

ClientSampleId :

SU-04-090820MSD

Tot Ion:167 Resp: 1124377

Ion Ratio Lower Upper

167 100

166 24.8 19.3 28.9

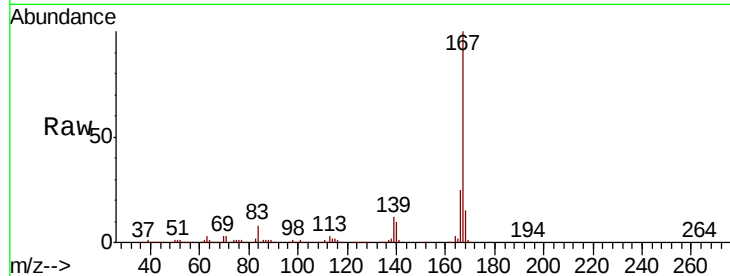
139 12.4 9.7 14.5

Manual Integrations

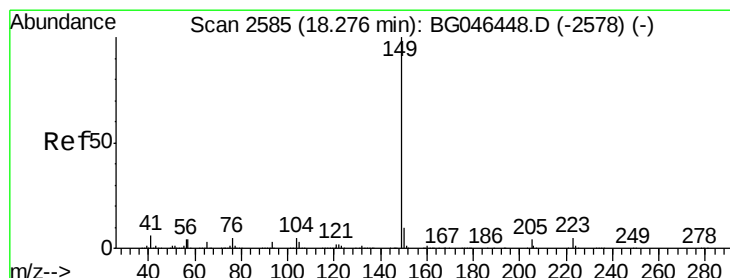
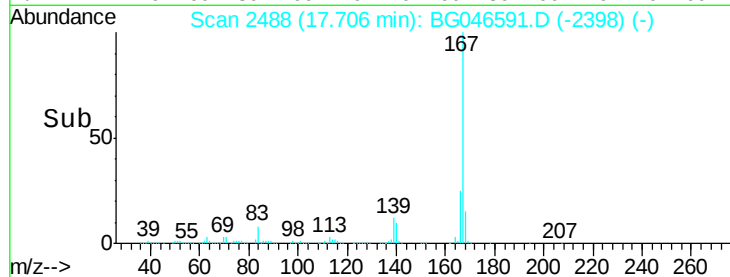
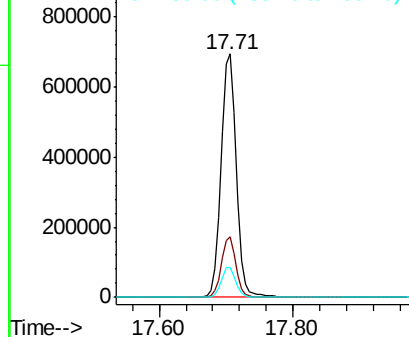
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.940 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

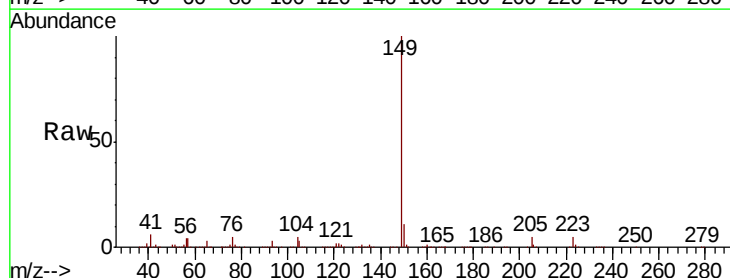
Tgt Ion:149 Resp: 1272165

Ion Ratio Lower Upper

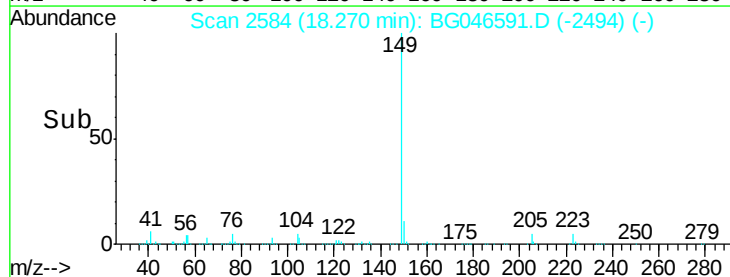
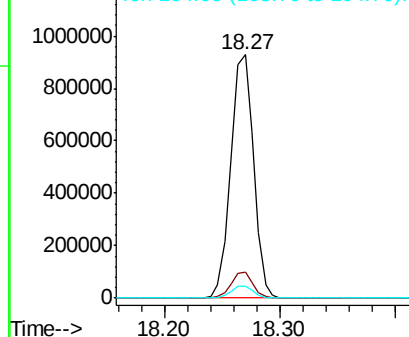
149 100

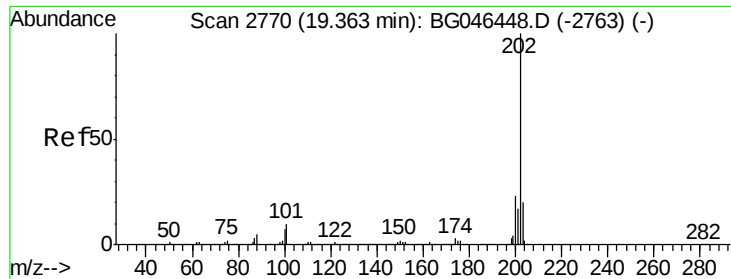
150 10.6 8.1 12.1

104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.978 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

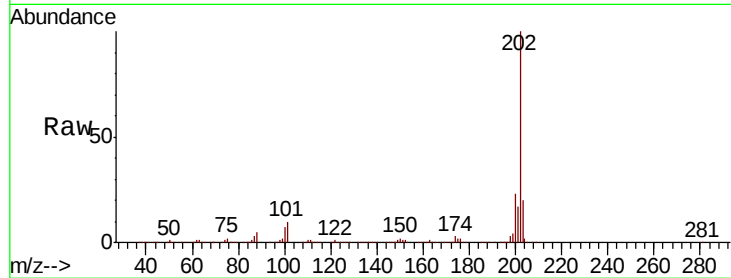
ClientSampleId :

SU-04-090820MSD

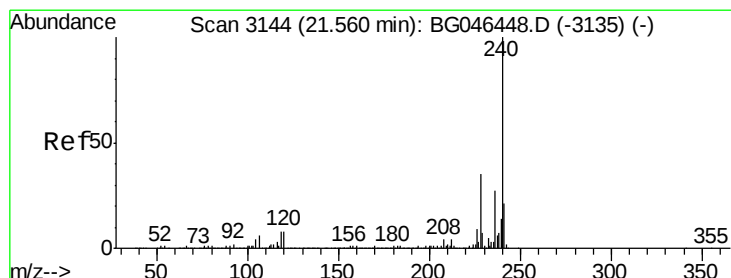
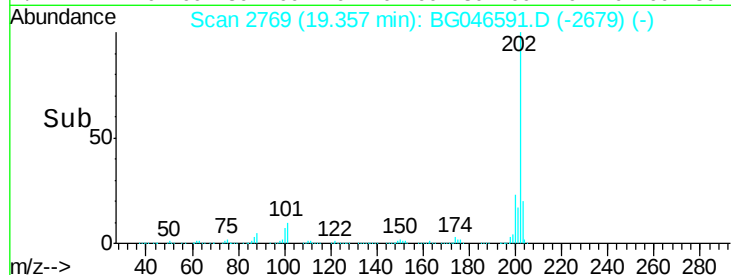
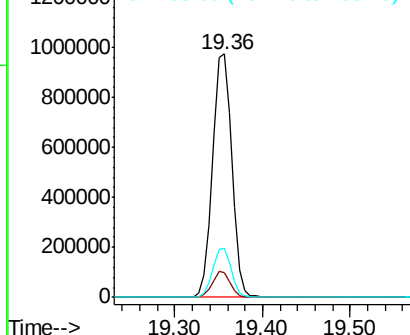
Tot Ion:	202	Resp:	1497031
Ion Ratio		Lower	Upper
202	100		
101	9.9	0.0	29.9
203	20.0	0.0	40.0

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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

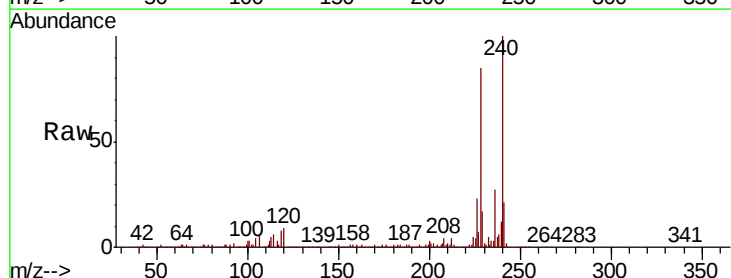
RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

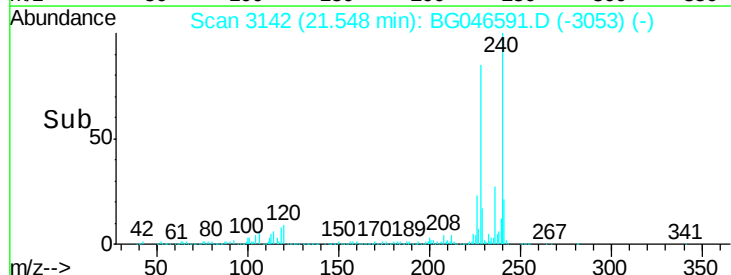
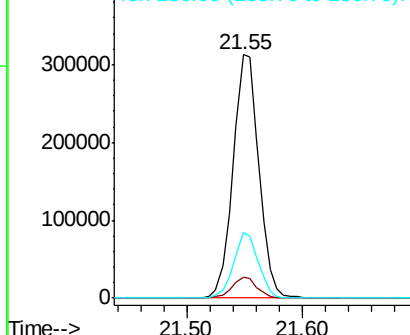
Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Tgt Ion:	240	Resp:	482633
Ion Ratio		Lower	Upper
240	100		
120	8.7	6.6	10.0
236	26.9	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





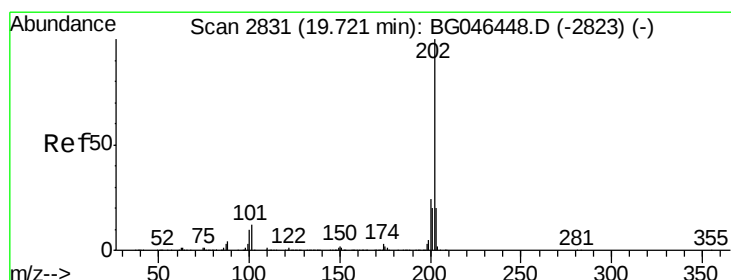
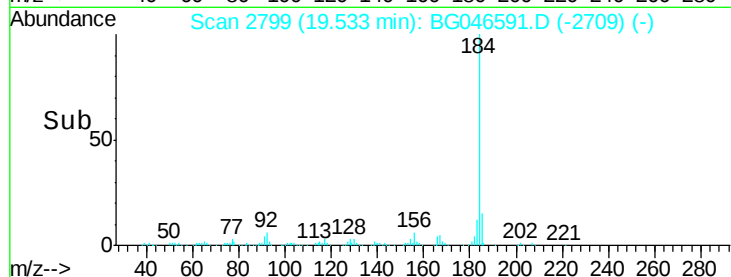
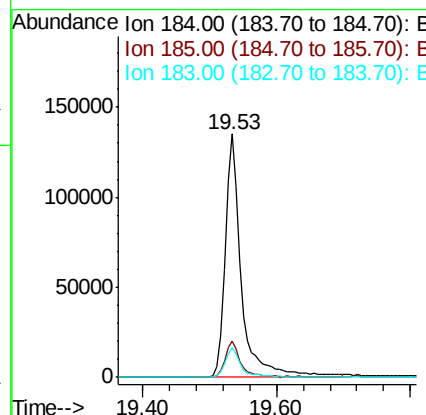
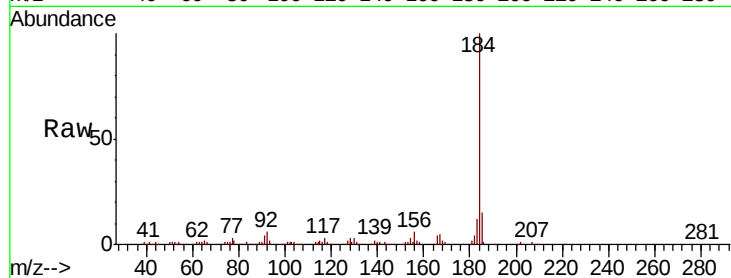
#77
Benzidine
Concen: 20.666 ng
RT: 19.53 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	12.4	10.7	16.1

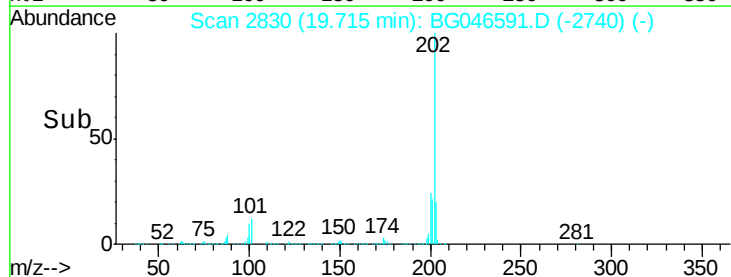
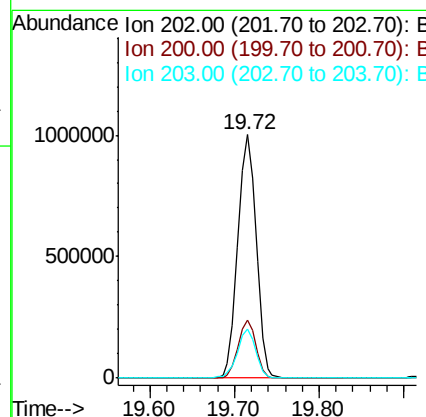
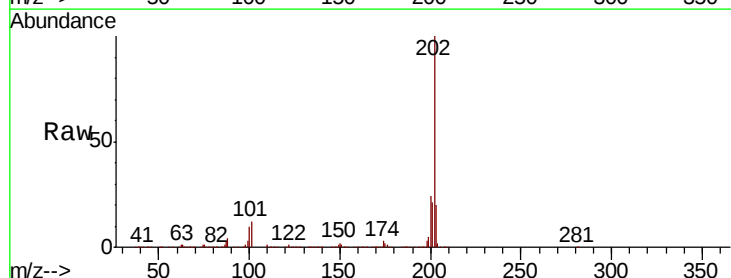
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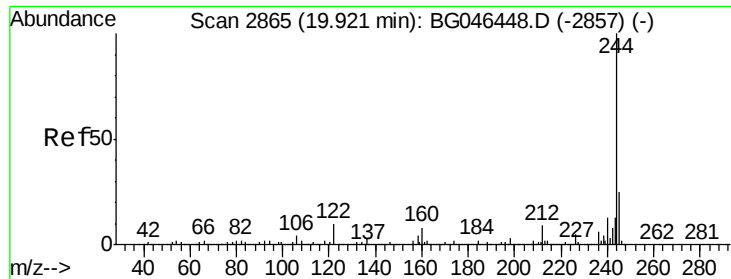
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#78
Pyrene
Concen: 48.572 ng
RT: 19.72 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.9	28.3
203	20.4	16.1	24.1





#79

Terphenyl-d14

Concen: 79.749 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

Instrument :

BNA_G

ClientSampleId :

SU-04-090820MSD

Tot Ion:244 Resp: 1808573

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

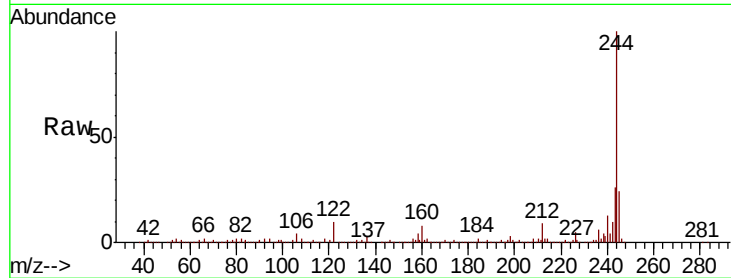
122 10.2 8.2 12.4

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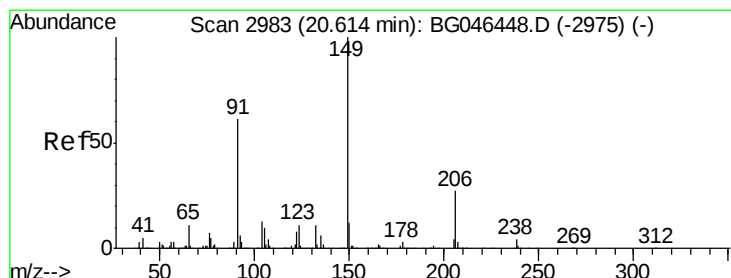
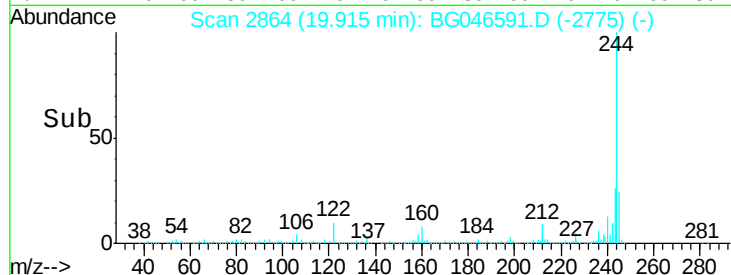
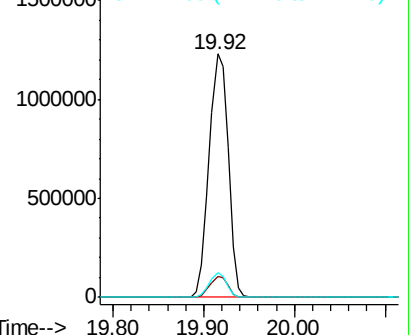
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.167 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BG046591.D

Acq: 10 Sep 2020 21:13

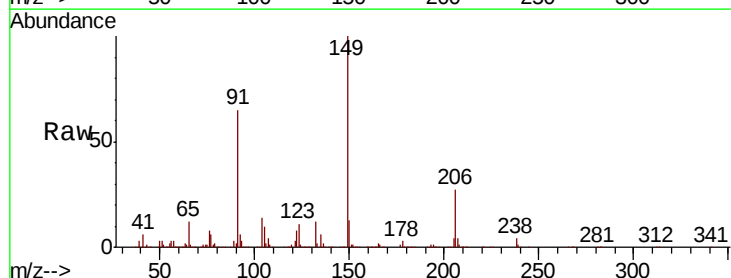
Tgt Ion:149 Resp: 577413

Ion Ratio Lower Upper

149 100

91 64.5 49.1 73.7

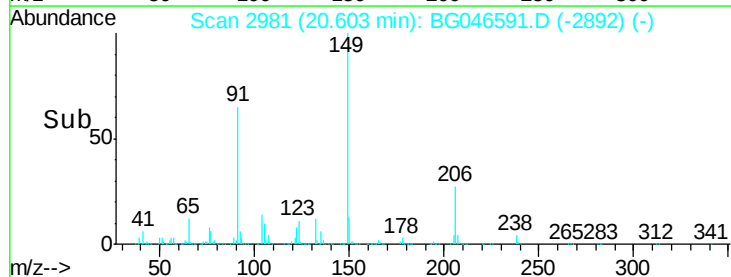
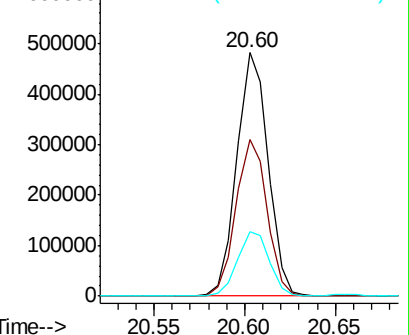
206 26.6 21.9 32.9

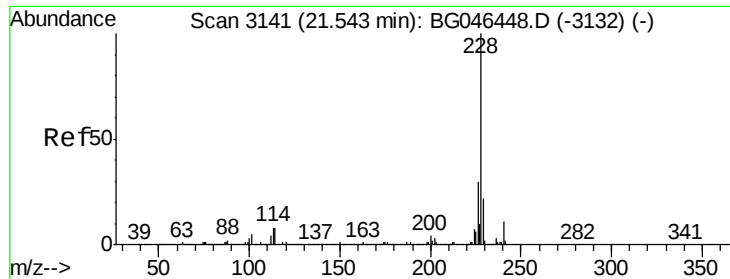


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E





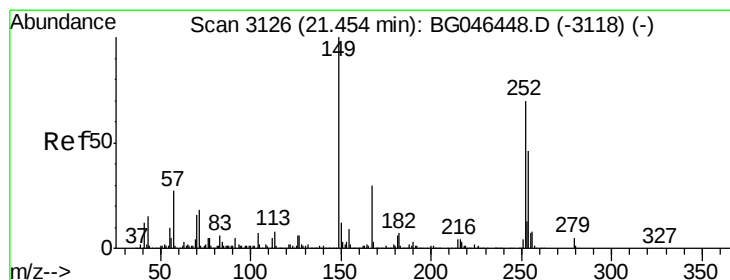
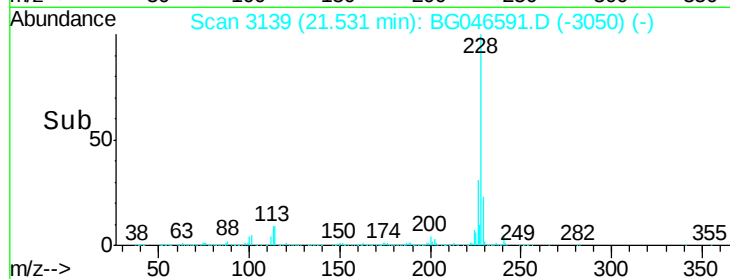
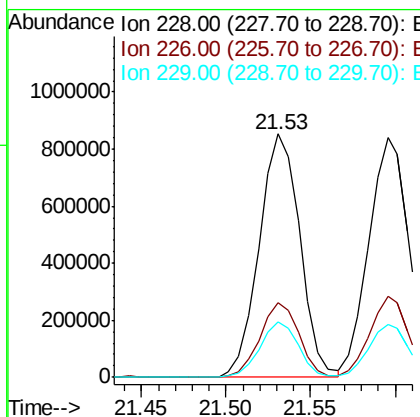
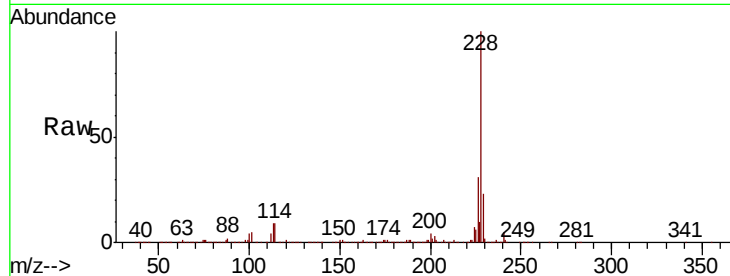
#81
Benzo(a)anthracene
Concen: 47.568 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	22.7	17.4	26.2

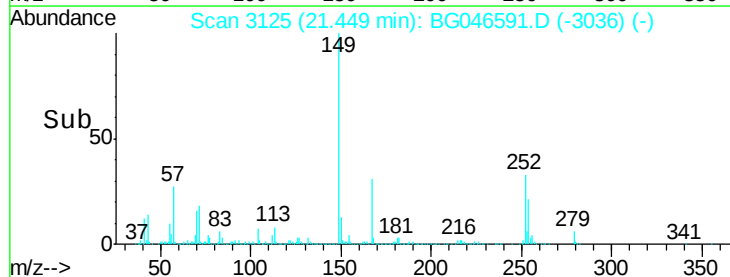
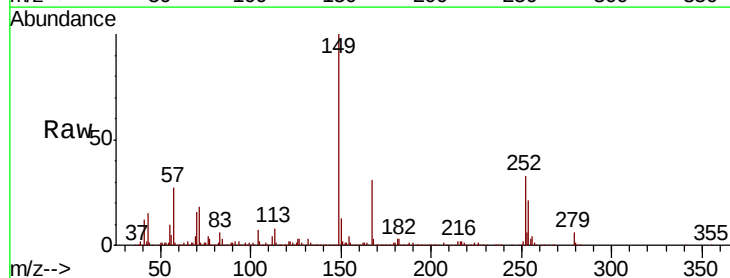
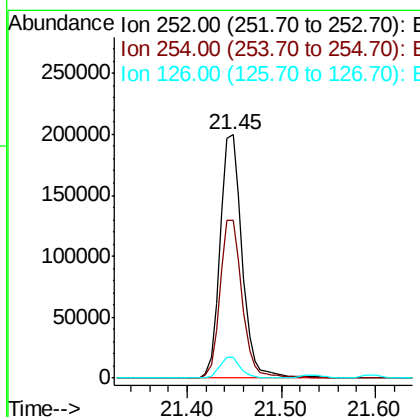
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#82
3,3'-Dichlorobenzidine
Concen: 29.335 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	8.4	7.4	11.0





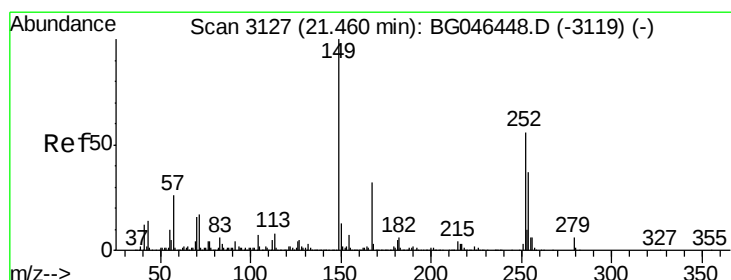
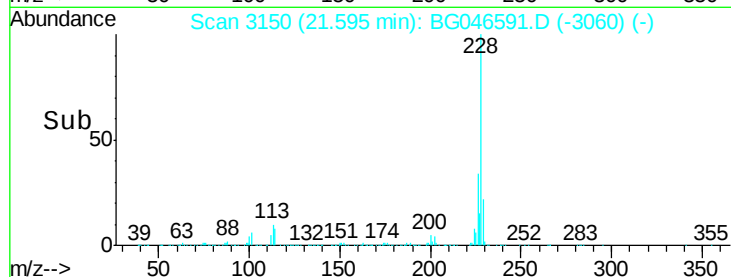
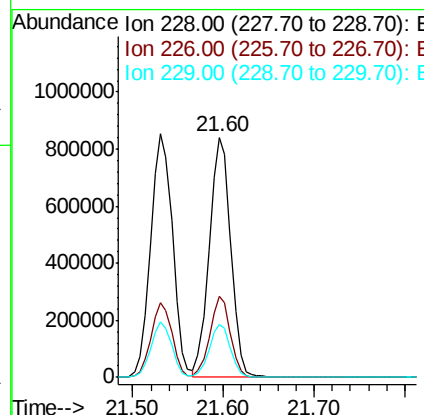
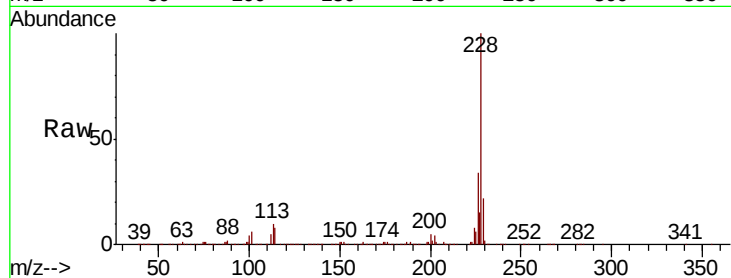
#83
 Chrysene
 Concen: 47.884 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.2	39.4
229	22.3	17.9	26.9

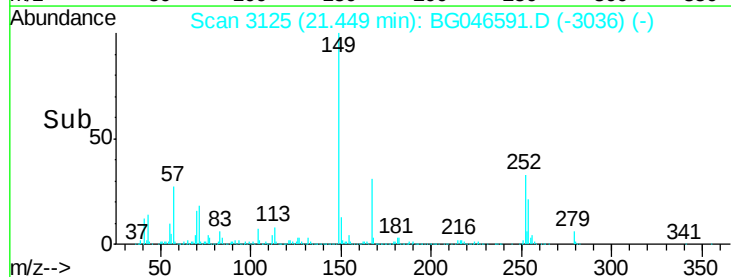
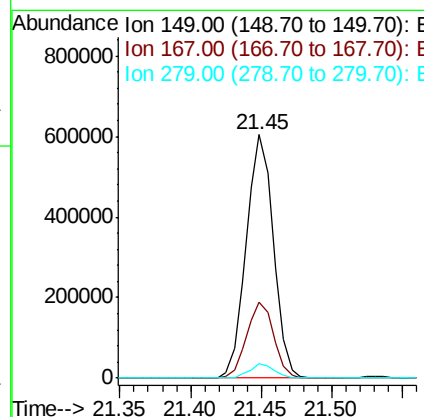
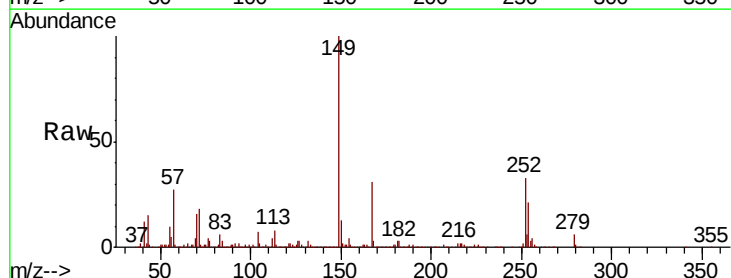
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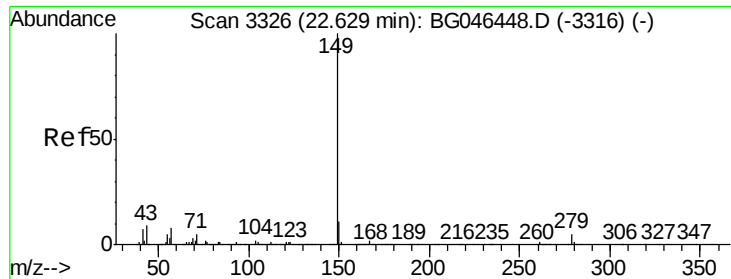
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.751 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG046591.D
 Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.2
279	5.8	4.5	6.7





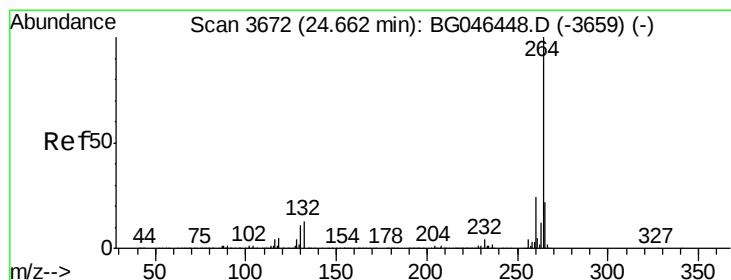
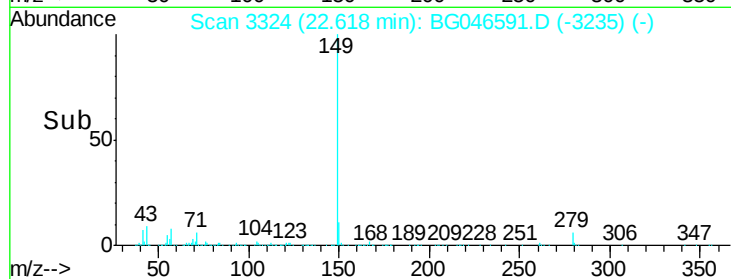
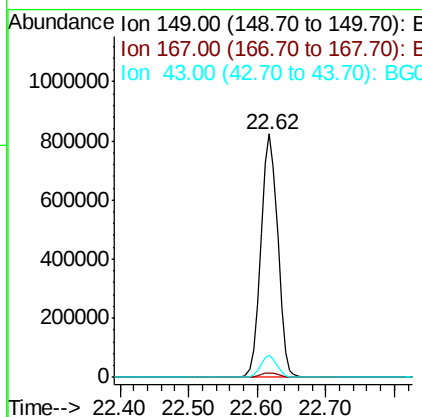
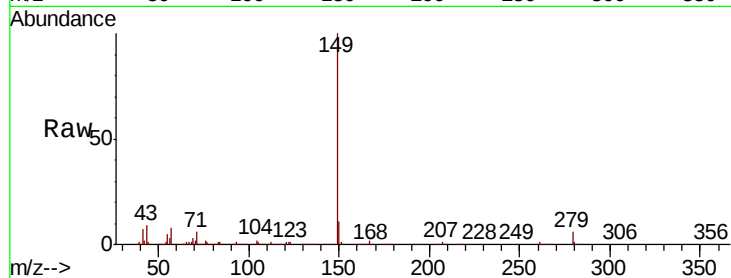
#85
Di-n-octyl phthalate
Concen: 50.013 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

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

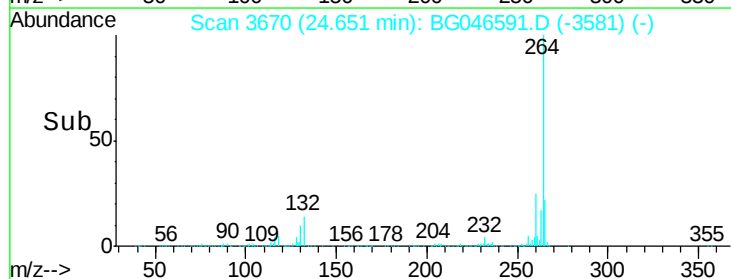
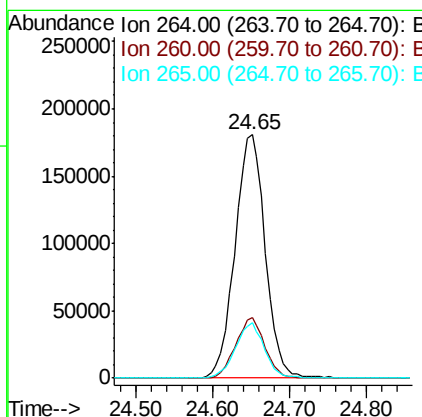
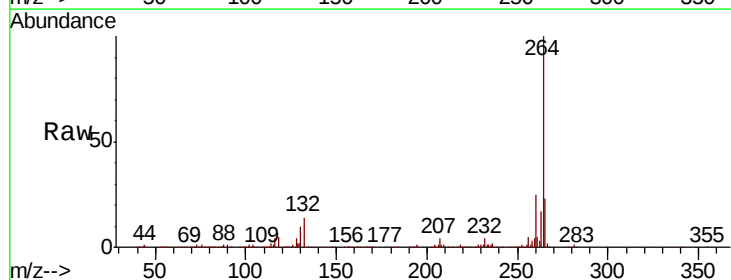
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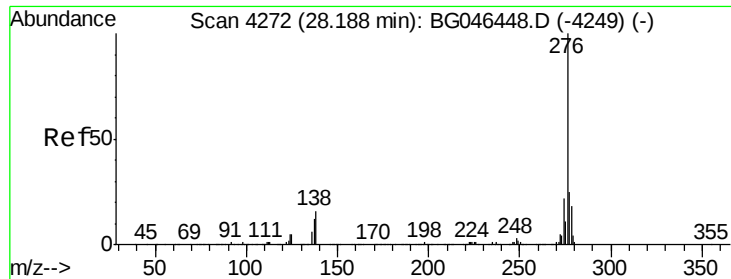
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.6	17.9	26.9





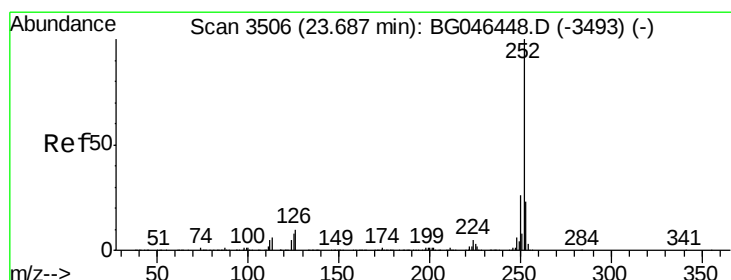
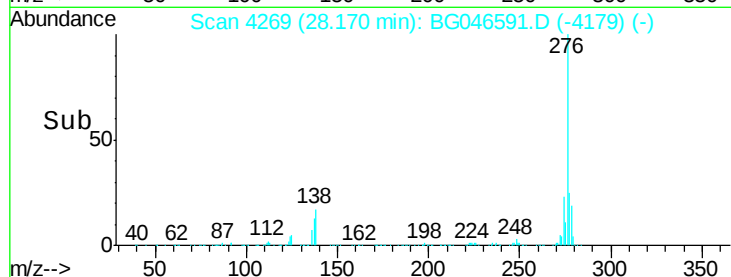
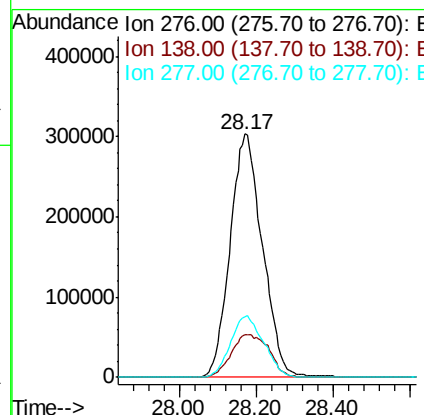
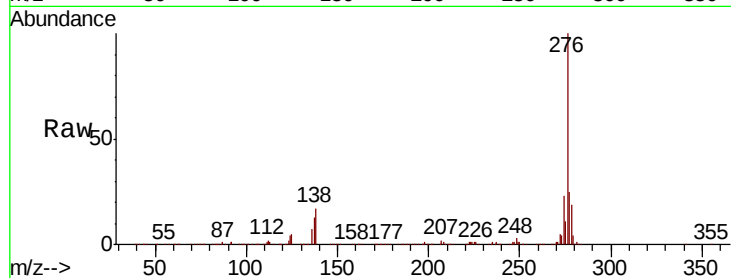
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.768 ng
RT: 28.17 min Scan# 4269
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	26.0	20.7	31.1

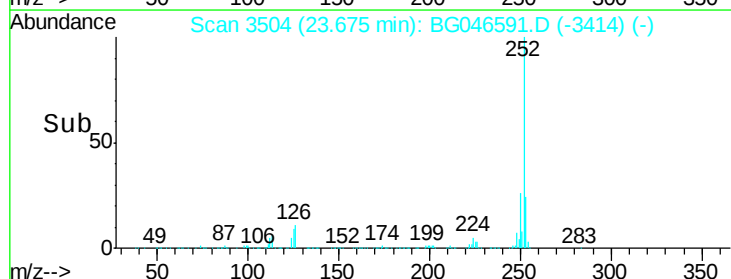
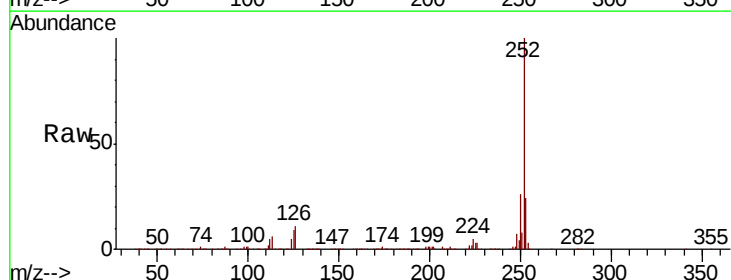
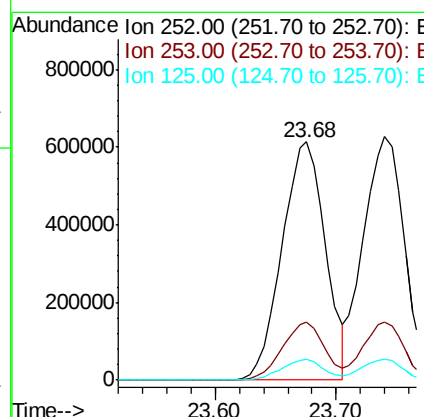
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#88
Benzo(b)fluoranthene
Concen: 49.320 ng
RT: 23.68 min Scan# 3504
Delta R.T. 0.00 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	8.6	6.2	9.2





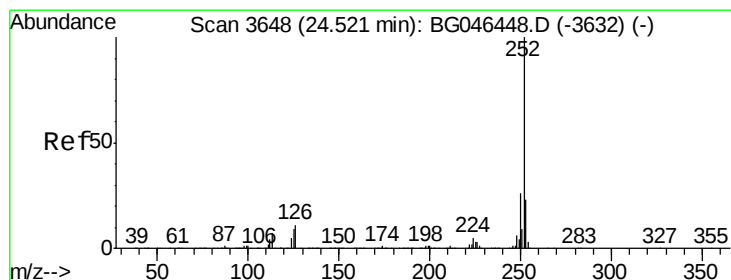
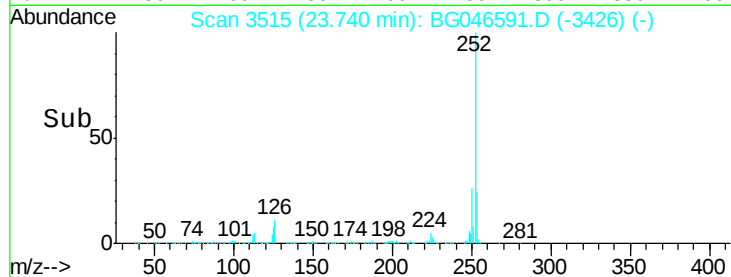
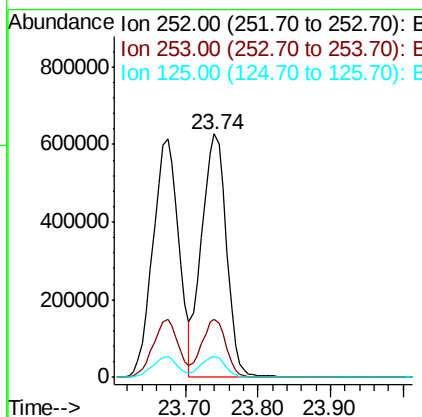
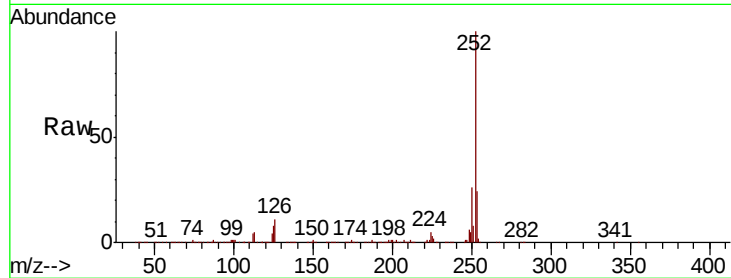
#89
Benzo(k)fluoranthene
Concen: 49.721 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	8.5	6.8	10.2

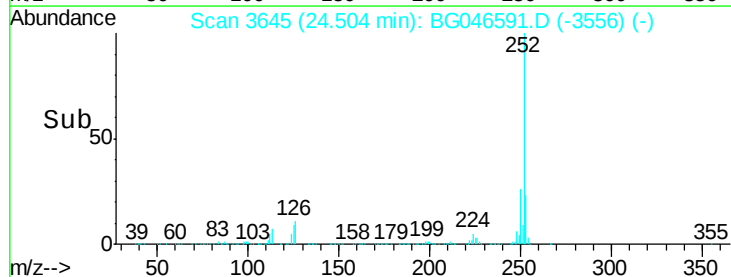
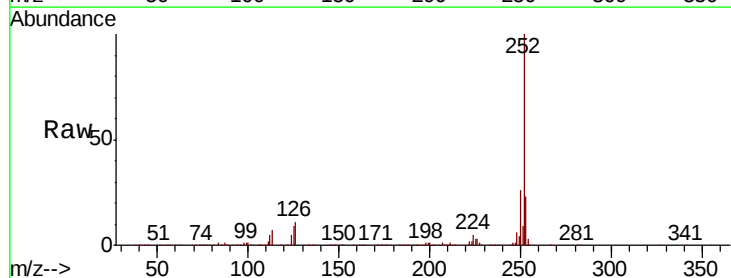
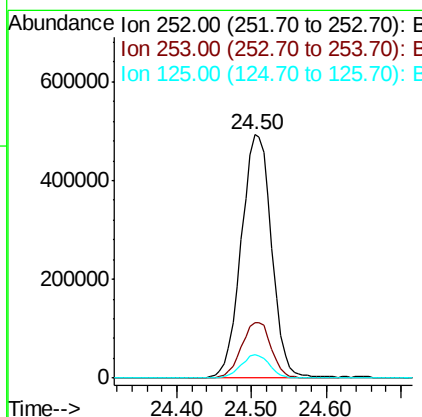
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#90
Benzo(a)pyrene
Concen: 48.028 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.4	7.4	11.0





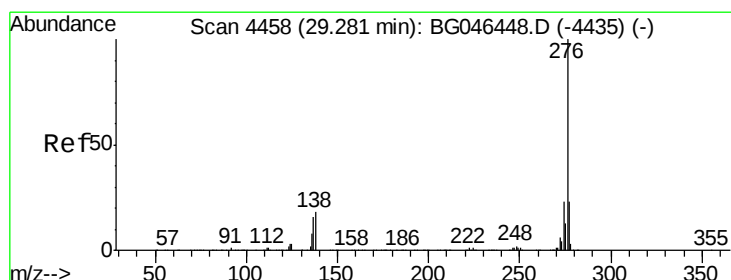
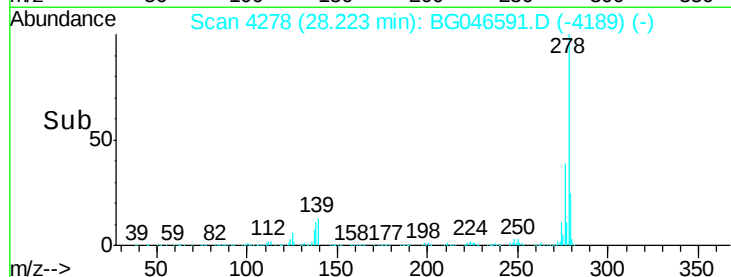
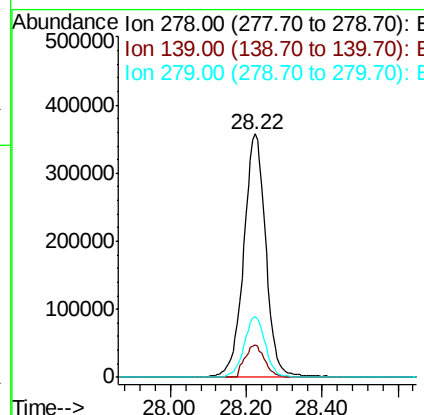
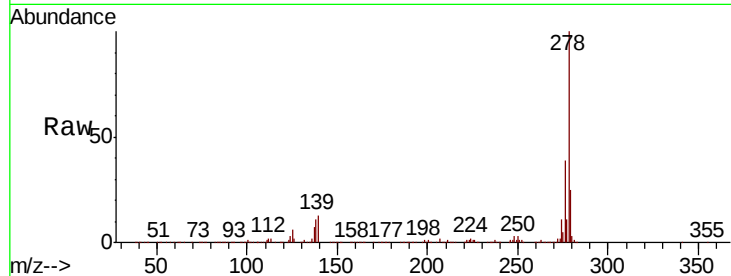
#91
Dibenzo(a,h)anthracene
Concen: 50.441 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	24.9	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 51.077 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.01 min
Lab File: BG046591.D
Acq: 10 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.9	14.7	22.1

