

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046541.D
 Acq On : 4 Sep 2020 15:16
 Operator : CG/JU
 Sample : L3894-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Manual Integrations
 APPROVED

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 9/8/2020 1:45:13 PM

Quant Time: Sep 04 16:59:00 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	67197	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	278267	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201690	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	503312	20.00	ng	0.00
76) Chrysene-d12	21.56	240	483080	20.00	ng	0.00
86) Perylene-d12	24.65	264	491373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	320893	84.58	ng	0.00
7) Phenol-d6	7.10	99	425253	79.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	273667	56.21	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	216896	79.37	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	735424	55.66	ng	0.00
79) Terphenyl-d14	19.92	244	1255741	55.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	61781	39.142	ng	98
3) Pyridine	3.81	79	187399	40.579	ng	97
4) n-Nitrosodimethylamine	3.72	42	89432	52.506	ng	100
6) Aniline	7.25	93	307416	50.795	ng	99
8) 2-Chlorophenol	7.50	128	226399	56.461	ng	99
9) Benzaldehyde	7.07	77	142864	47.412	ng	95
10) Phenol	7.13	94	285335	57.601	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	208815	52.443	ng	99
12) 1,3-Dichlorobenzene	7.82	146	250038	49.115	ng	99
13) 1,4-Dichlorobenzene	7.97	146	251476	49.341	ng	99
14) 1,2-Dichlorobenzene	8.28	146	244695	50.071	ng	99
15) Benzyl Alcohol	8.17	79	199426	57.755	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	314646	50.945	ng	99
17) 2-Methylphenol	8.38	107	199973	56.922	ng	99
18) Hexachloroethane	9.01	117	85174	49.288	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	172964	53.765	ng	98
20) 3+4-Methylphenols	8.71	107	278518	57.438	ng	99
22) Acetophenone	8.75	105	323718	47.791	ng	99
24) Nitrobenzene	9.13	77	245580	51.057	ng	99
25) Isophorone	9.65	82	479838	53.757	ng	99
26) 2-Nitrophenol	9.84	139	138069	54.406	ng	96
27) 2,4-Dimethylphenol	9.90	122	223496	64.032	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	287324	50.011	ng	100
29) 2,4-Dichlorophenol	10.38	162	255907	54.998	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	262880	47.616	ng	100
31) Naphthalene	10.77	128	678123	49.911	ng	99
32) Benzoic acid	10.07	122	135355	50.889	ng	96
33) 4-Chloroaniline	10.88	127	230762	38.517	ng	99
34) Hexachlorobutadiene	11.07	225	165260	46.112	ng	98
35) Caprolactam	11.67	113	98557m	56.665	ng	
36) 4-Chloro-3-methylphenol	12.02	107	265452	58.329	ng	96
37) 2-Methylnaphthalene	12.38	142	548224	51.162	ng	99
38) 1-Methylnaphthalene	12.60	142	515255	50.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	323000	48.564	ng	99

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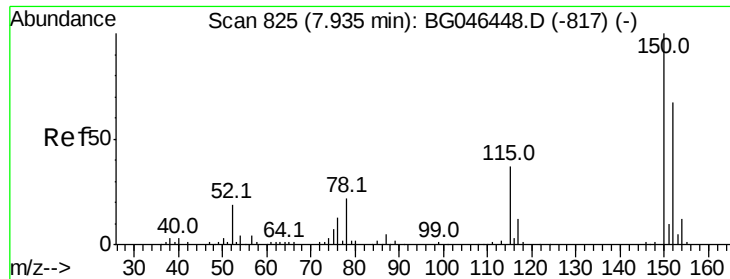
Manual Integrations
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Quant Time: Sep 04 16:59:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	382049	132.105	nq	98
43) 2,4,6-Trichlorophenol	12.99	196	239190	53.292	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	262382	55.640	nq	98
46) 1,1'-Biphenyl	13.39	154	719147	51.249	nq	99
47) 2-Chloronaphthalene	13.44	162	568575	47.789	nq	99
48) 2-Nitroaniline	13.64	65	173094	52.394	nq	99
49) Acenaphthylene	14.28	152	926451	51.334	nq	100
50) Dimethylphthalate	14.02	163	880655	56.439	nq	99
51) 2,6-Dinitrotoluene	14.13	165	187566	54.531	nq	97
52) Acenaphthene	14.63	154	559738	50.049	nq	99
53) 3-Nitroaniline	14.46	138	155147	41.641	nq	99
54) 2,4-Dinitrophenol	14.68	184	255054	127.036	nq	97
55) Dibenzofuran	14.96	168	914449	50.949	nq	98
56) 4-Nitrophenol	14.79	139	317199	115.680	nq	95
57) 2,4-Dinitrotoluene	14.92	165	269428	54.935	nq	97
58) Fluorene	15.61	166	781316	51.867	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	253844	55.433	nq	98
60) Diethylphthalate	15.38	149	802572	52.754	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	420781	50.719	nq	96
62) 4-Nitroaniline	15.63	138	196107	49.884	nq	97
63) Azobenzene	15.90	77	665508	53.777	nq	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	184393	64.727	nq	95
66) n-Nitrosodiphenylamine	15.82	169	722339	53.198	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	302977	51.597	nq	98
68) Hexachlorobenzene	16.62	284	318108	48.915	nq	98
69) Atrazine	16.77	200	235481	42.511	nq	98
70) Pentachlorophenol	16.96	266	392409	115.490	nq	98
71) Phenanthrene	17.35	178	1282043	50.254	nq	98
72) Anthracene	17.44	178	1312727	52.154	nq	98
73) Carbazole	17.71	167	1211277	50.969	nq	99
74) Di-n-butylphthalate	18.27	149	1357616	49.680	nq	98
75) Fluoranthene	19.36	202	1583357	48.228	nq	99
77) Benzidine	19.53	184	1060808	94.502	nq	97
78) Pyrene	19.72	202	1569878	51.033	nq	98
80) Butylbenzylphthalate	20.61	149	620913	51.747	nq	97
81) Benzo(a)anthracene	21.53	228	1525754	50.672	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	440861	39.454	nq	98
83) Chrysene	21.60	228	1472764	50.849	nq	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	868983	53.069	nq	99
85) Di-n-octyl phthalate	22.62	149	1493351	53.262	nq	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1902882	53.919	nq	100
88) Benzo(b)fluoranthene	23.68	252	1651267m	53.819	nq	
89) Benzo(k)fluoranthene	23.75	252	1521624	51.315	nq	99
90) Benzo(a)pyrene	24.52	252	1481617	51.745	nq	99
91) Dibenzo(a,h)anthracene	28.23	278	1544715	54.240	nq	98
92) Benzo(g,h,i)perylene	29.27	276	1592390	55.993	nq	98

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



#1

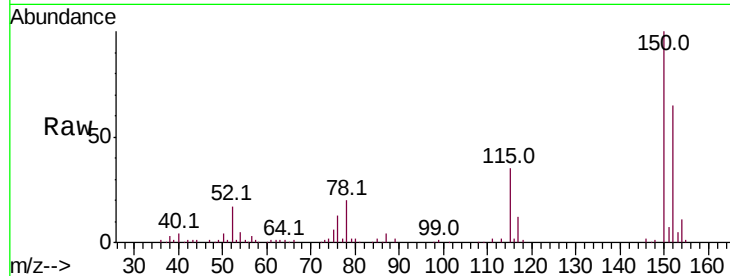
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	53.9	44.3	66.5

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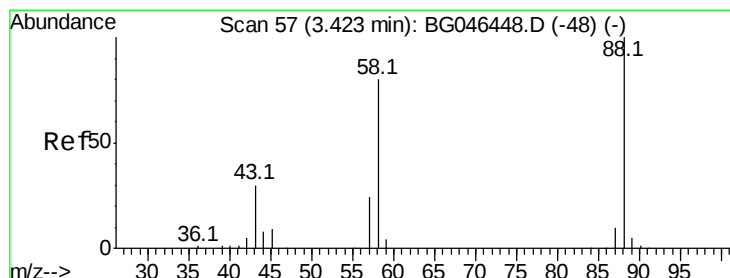
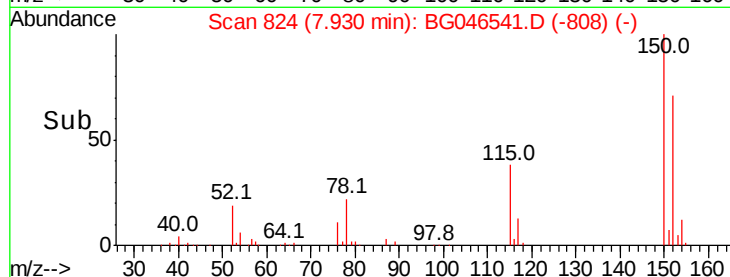
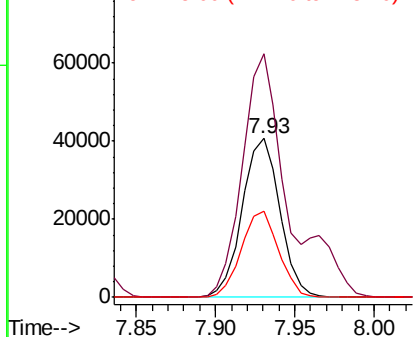


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

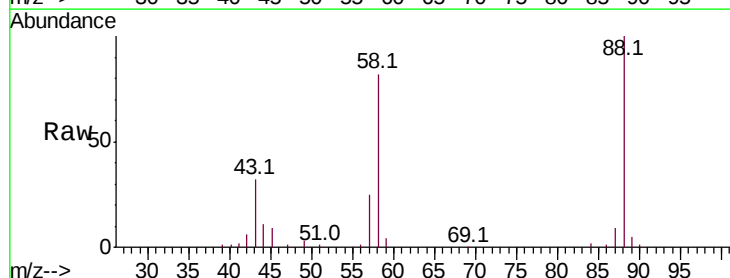
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.142 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	61.4	92.2
43	27.7	21.6	32.4

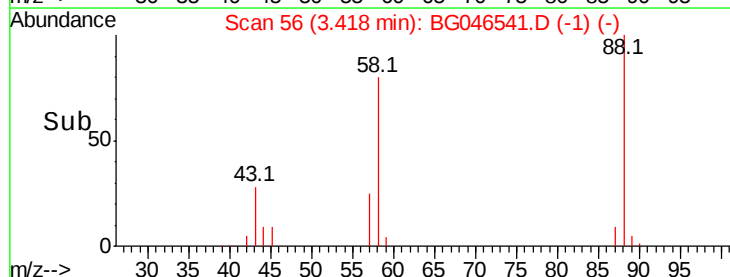
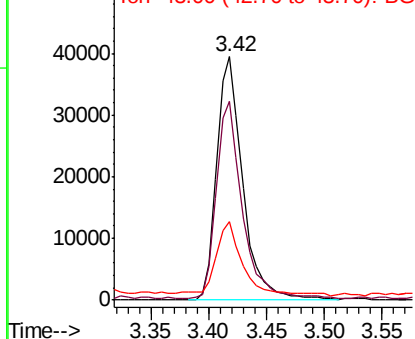


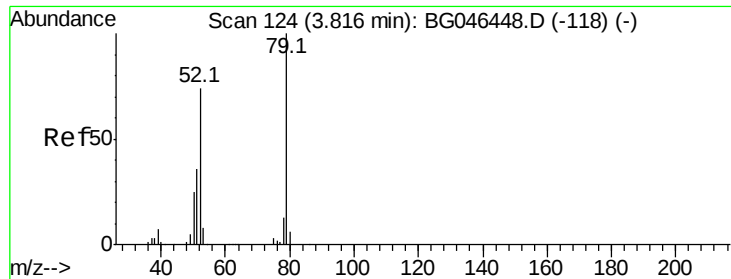
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.579 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

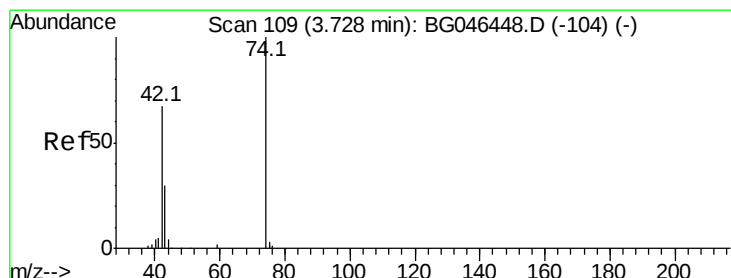
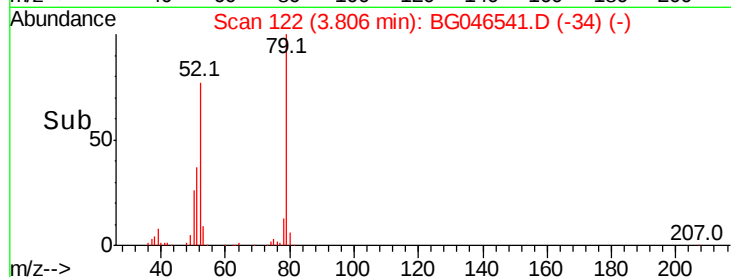
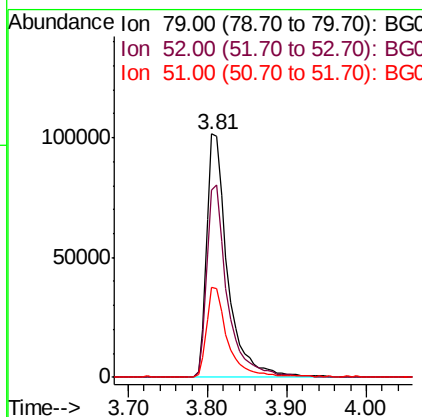
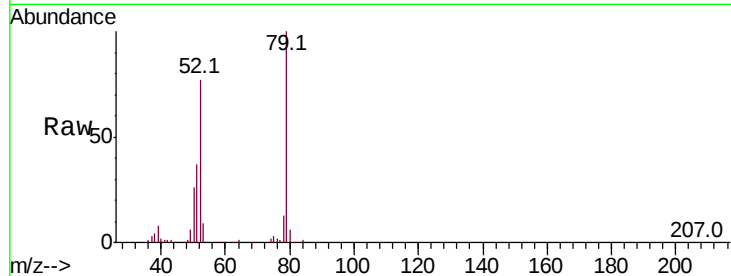
ClientSampleId :

AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.7	59.1	88.7
51	37.0	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 52.506 ng

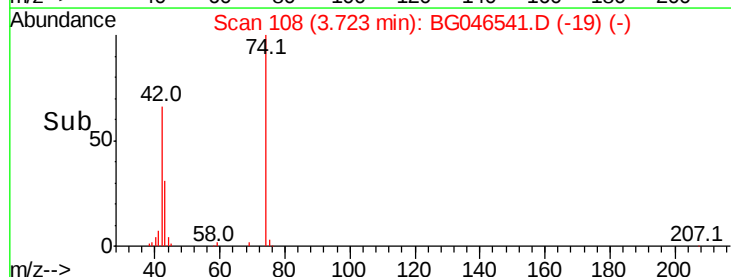
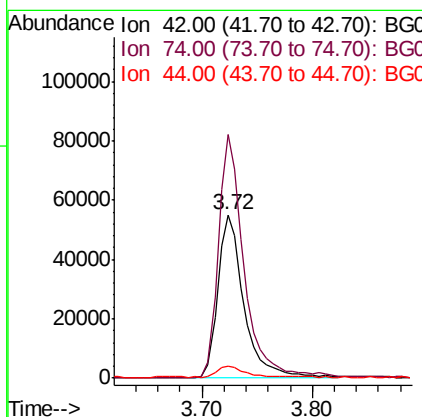
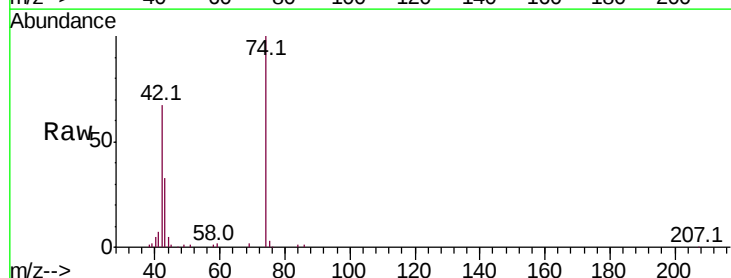
RT: 3.72 min Scan# 108

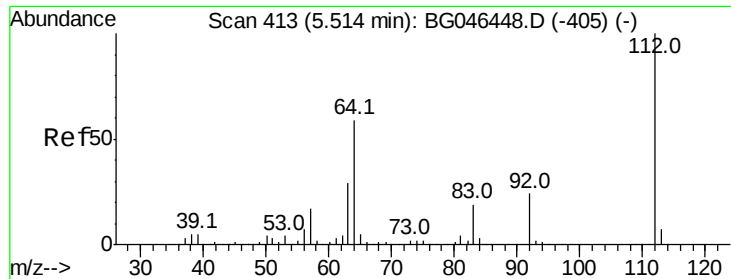
Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.4	119.5	179.3
44	7.5	5.7	8.5





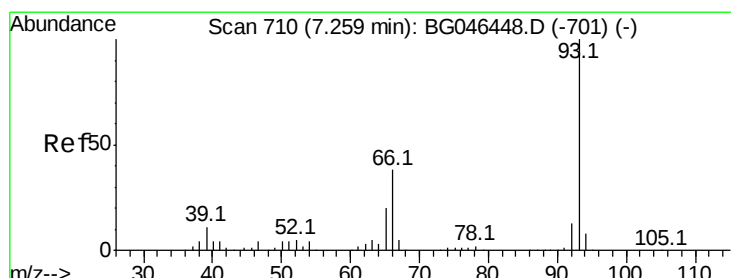
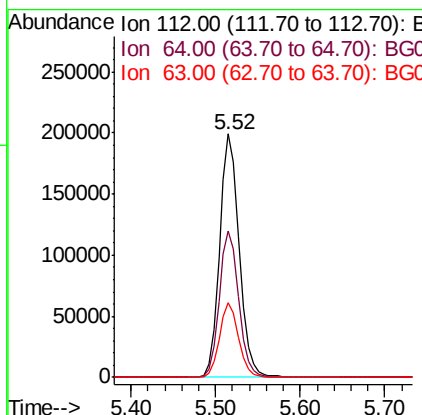
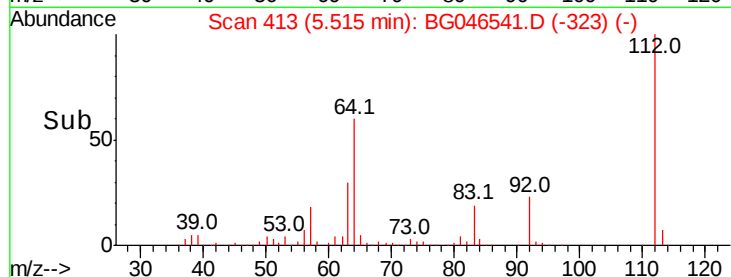
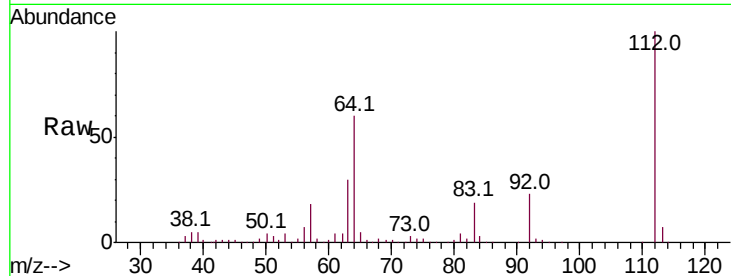
#5
 2-Fluorophenol
 Concen: 84.581 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion:	112	Resp:	320893
Ion Ratio	Lower	Upper	
112	100		
64	60.2	47.0	70.6
63	30.4	23.5	35.3

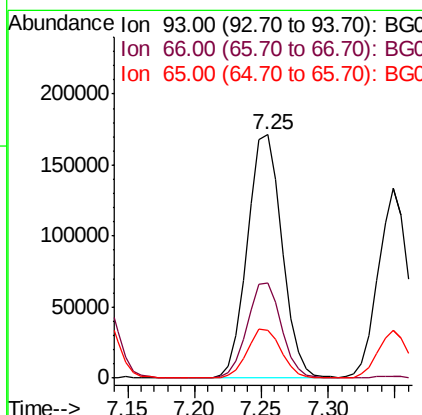
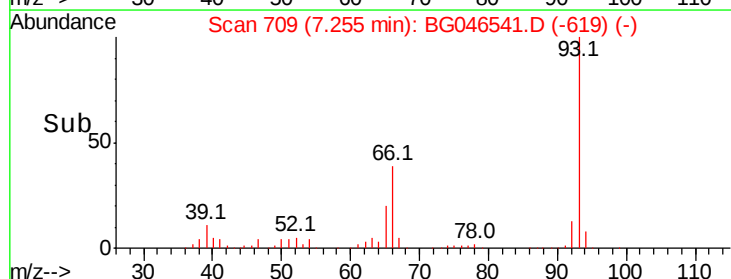
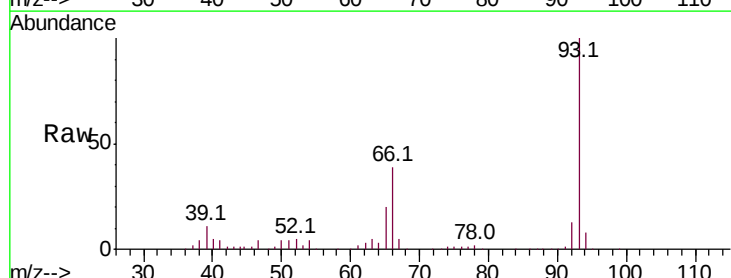
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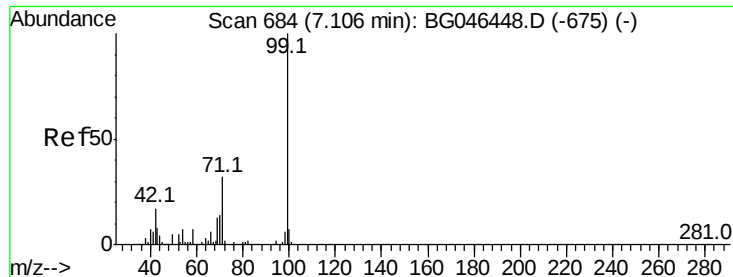
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#6
 Aniline
 Concen: 50.795 ng
 RT: 7.25 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion:	93	Resp:	307416
Ion Ratio	Lower	Upper	
93	100		
66	38.9	30.4	45.6
65	19.8	15.8	23.6





#7

Phenol-d6

Concen: 79.069 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

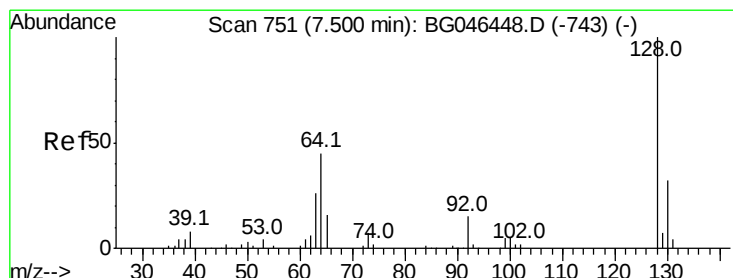
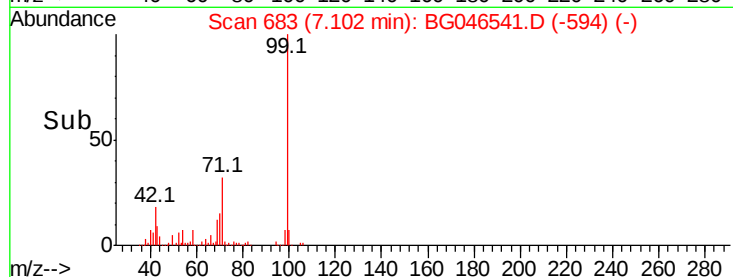
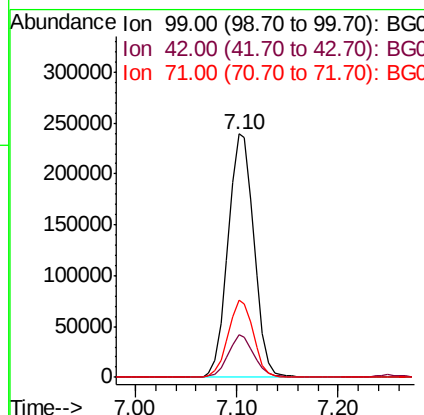
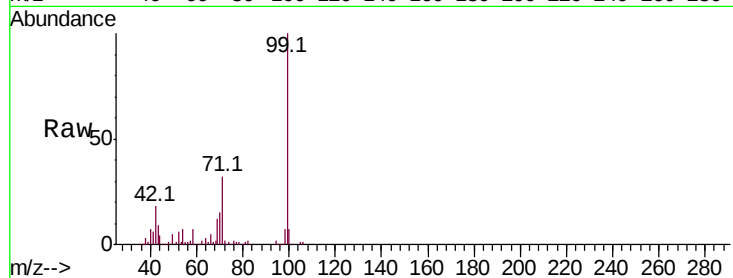
ClientSampleId :

AL-FALAH-5MS

Tot Ion:	99	Resp:	425253
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.3	19.9
71	31.8	25.3	37.9

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#8

2-Chlorophenol

Concen: 56.461 ng

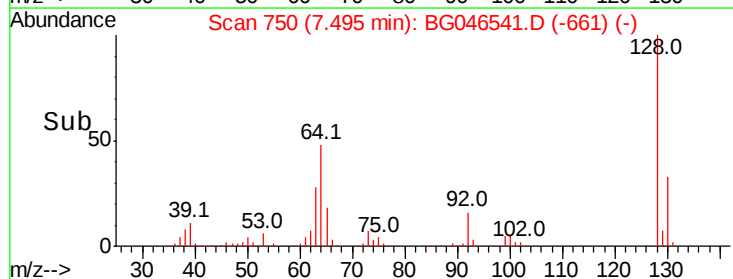
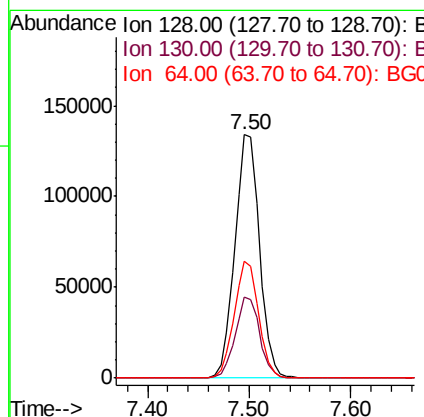
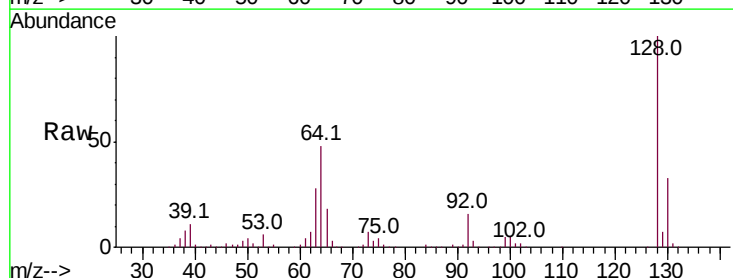
RT: 7.50 min Scan# 750

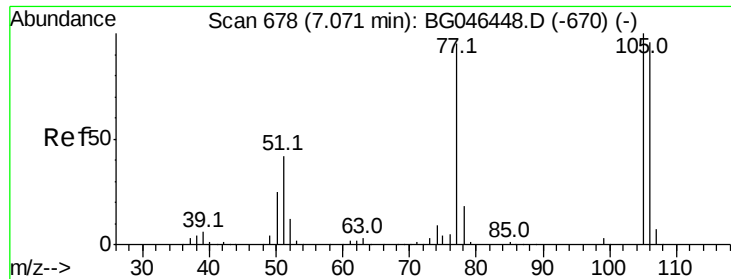
Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion:	128	Resp:	226399
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.4	52.4
64	48.2	28.1	68.1





#9

Benzaldehyde

Concen: 47.412 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleID :

AL-FALAH-5MS

Tot Ion: 77 Resp: 142864

Ion Ratio Lower Upper

77 100

105 98.9 85.6 125.6

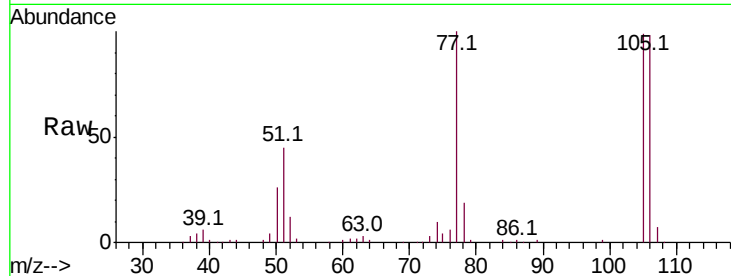
106 98.2 80.8 120.8

Manual Integrations

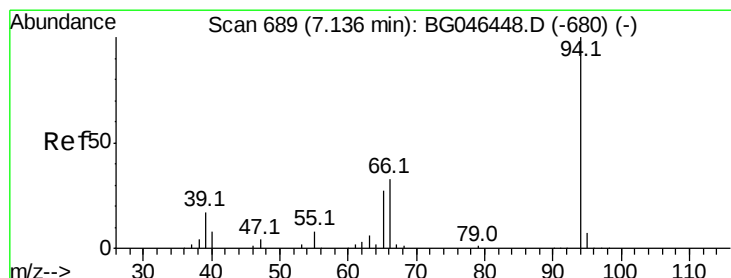
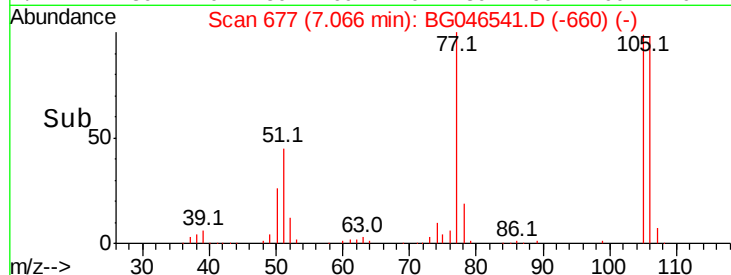
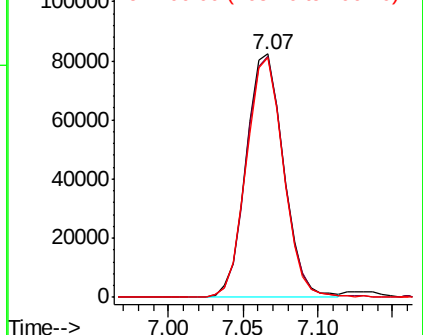
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 57.601 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

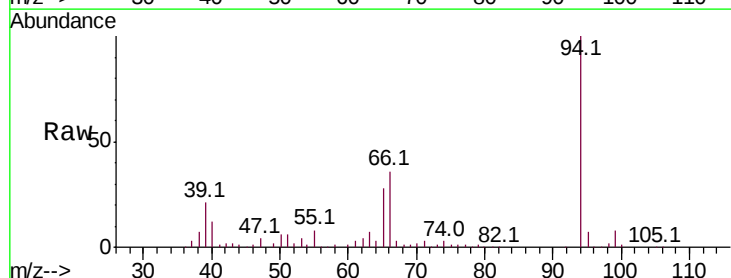
Tgt Ion: 94 Resp: 285335

Ion Ratio Lower Upper

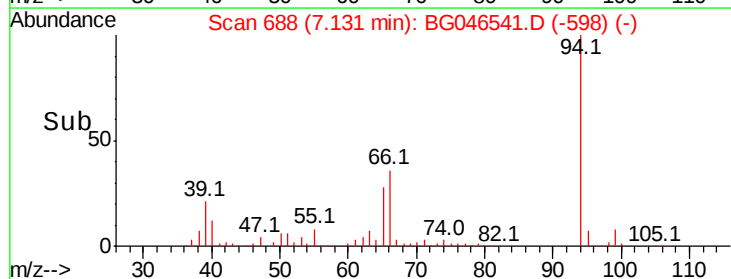
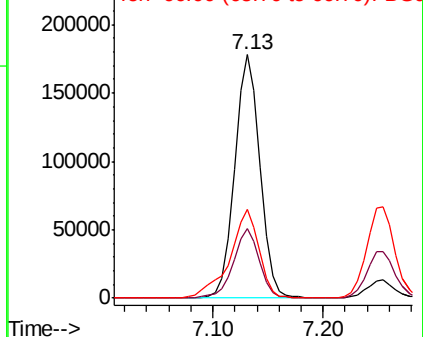
94 100

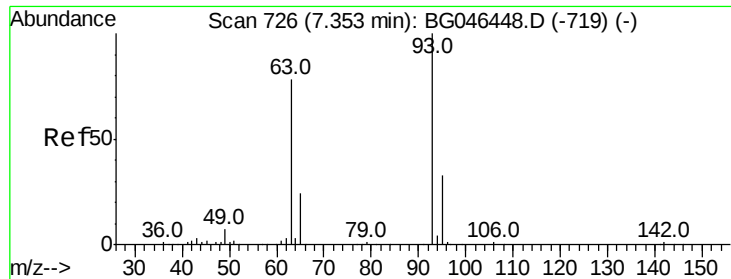
65 28.4 7.5 47.5

66 36.4 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





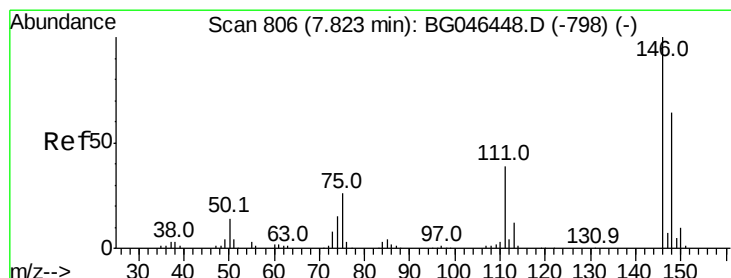
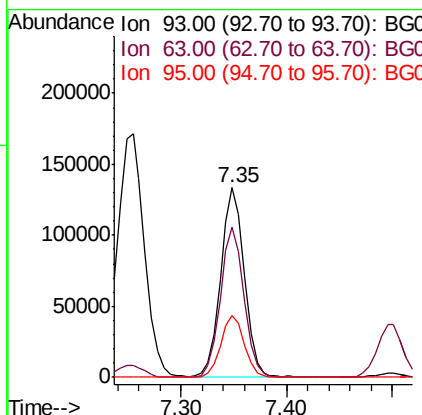
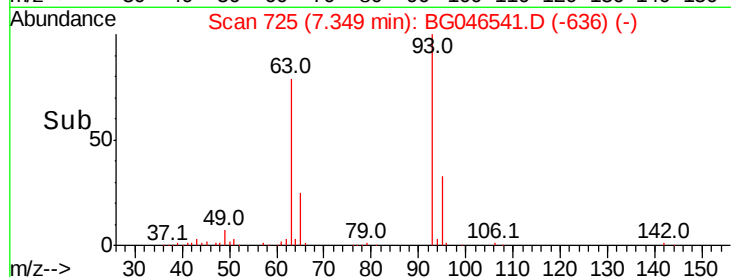
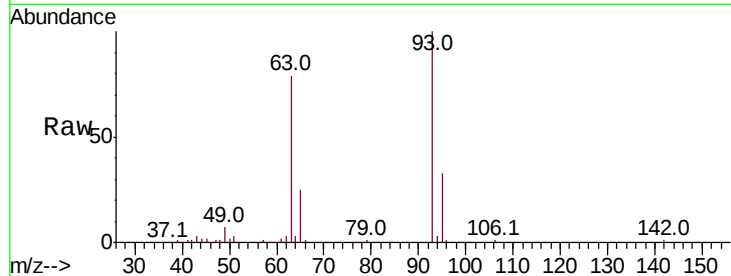
#11
bis(2-Chloroethyl)ether
Concen: 52.443 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	57.7	97.7
95	32.6	12.3	52.3

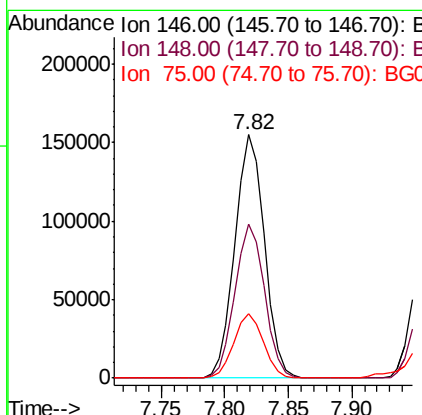
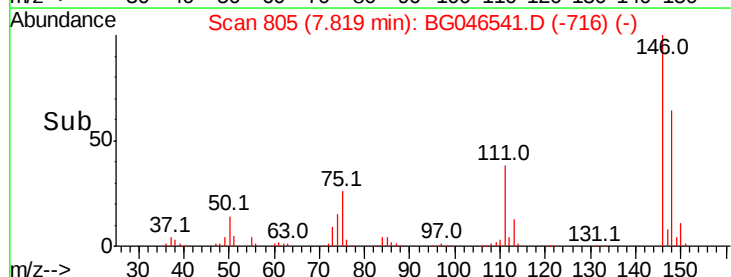
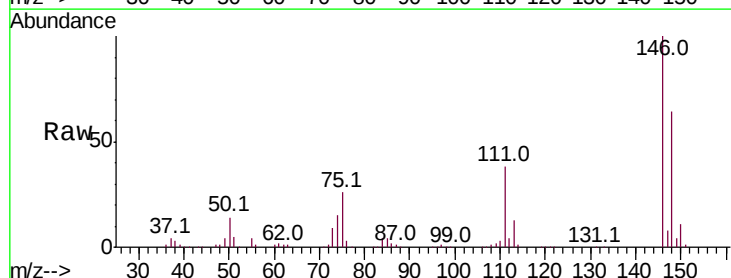
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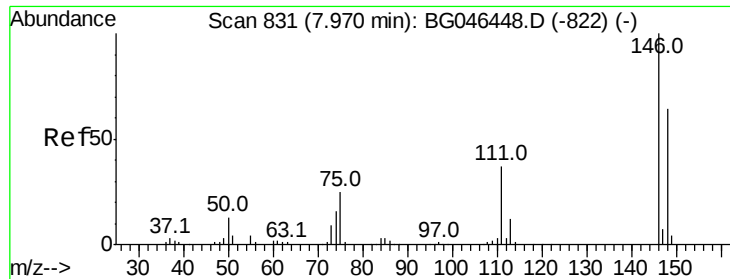
mohammad
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#12
1,3-Dichlorobenzene
Concen: 49.115 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	26.2	20.7	31.1





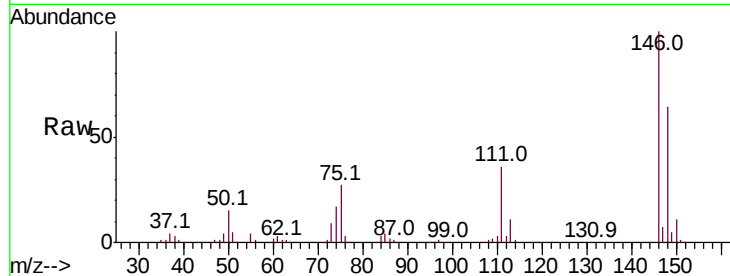
#13
 1,4-Dichlorobenzene
 Concen: 49.341 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	36.1	29.8	44.6

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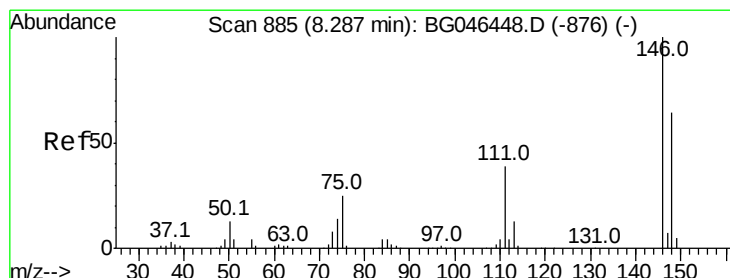
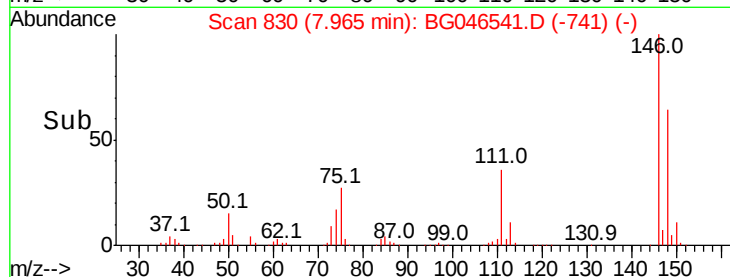
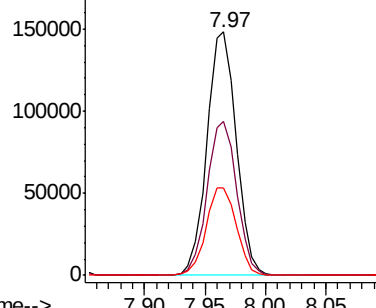


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 50.071 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

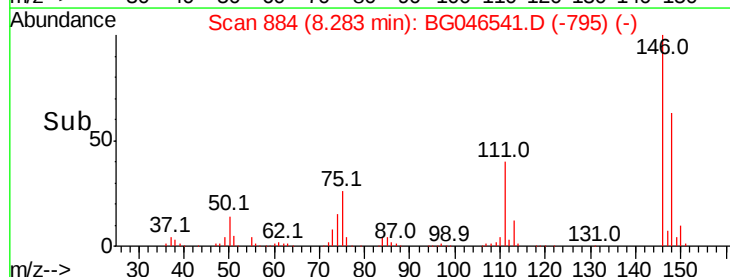
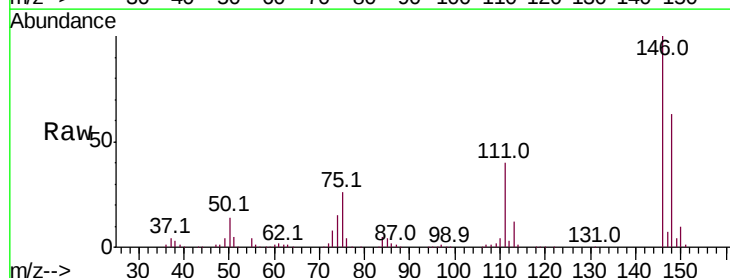
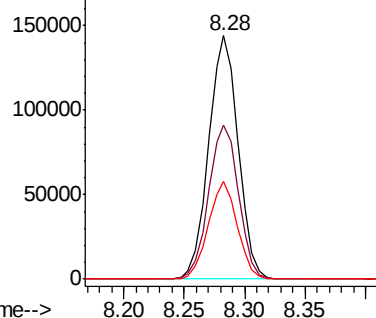
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	40.3	31.4	47.2

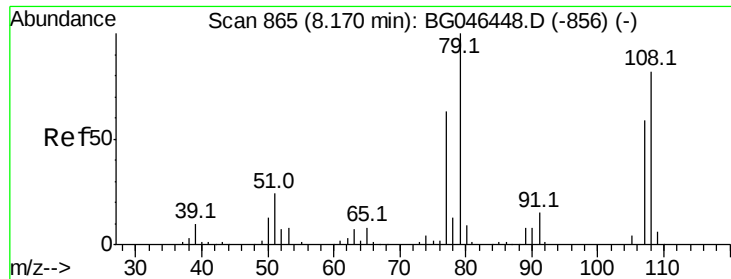
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.755 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

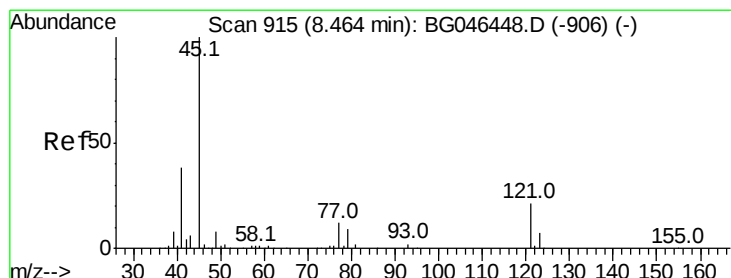
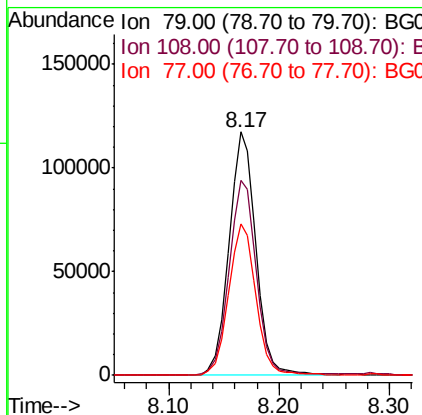
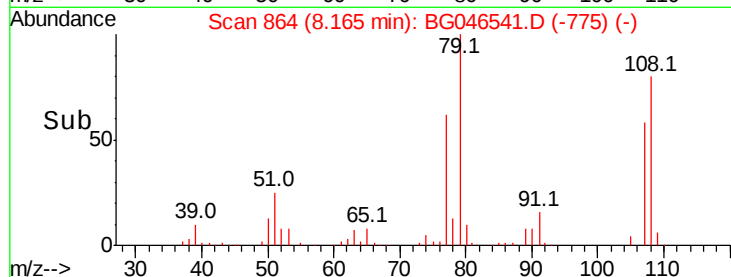
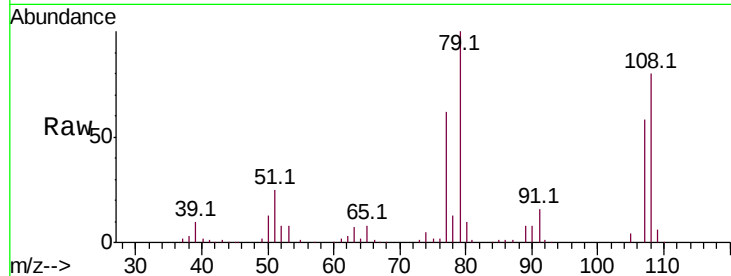
ClientSampleId :

AL-FALAH-5MS

Tot Ion	79	108	77
Ion	79	108	77
Ratio	100	80.3	62.4
Lower		65.7	50.3
Upper		98.5	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.945 ng

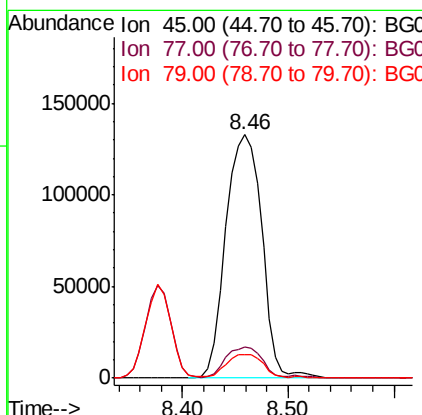
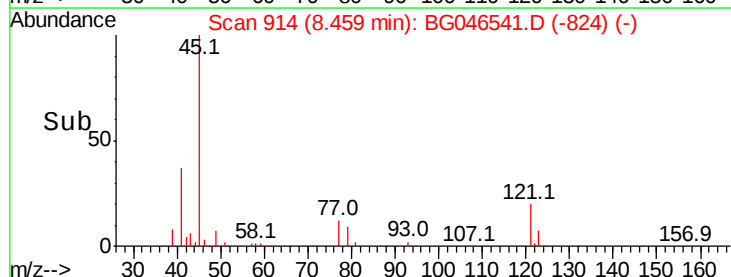
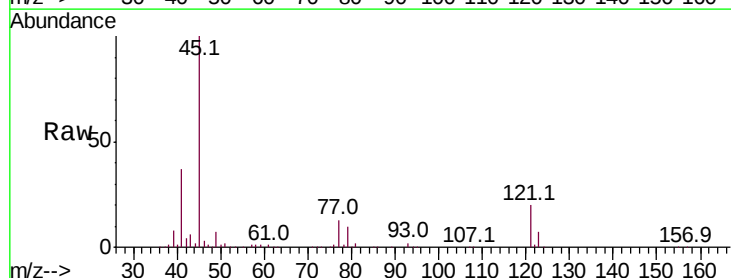
RT: 8.46 min Scan# 914

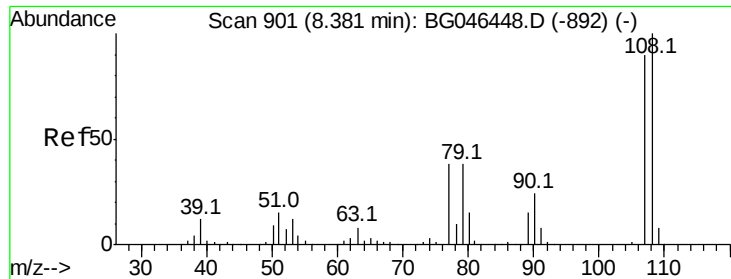
Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion	45	77	79
Ion	45	77	79
Ratio	100	12.9	9.5
Lower		0.0	0.0
Upper		33.2	30.3





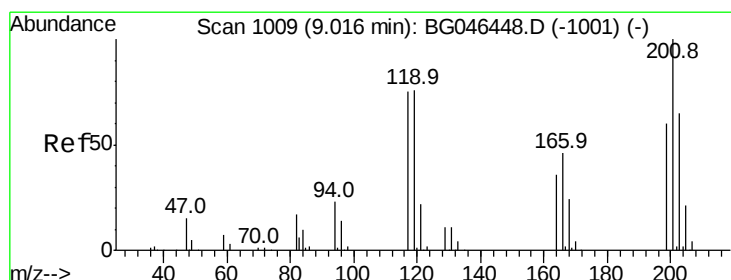
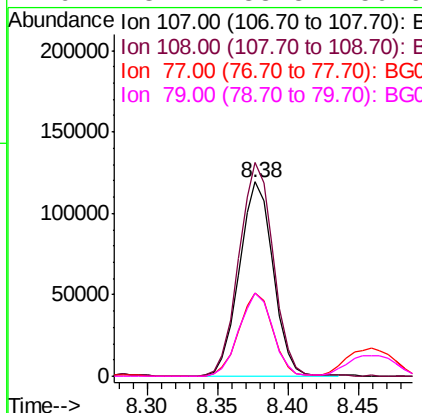
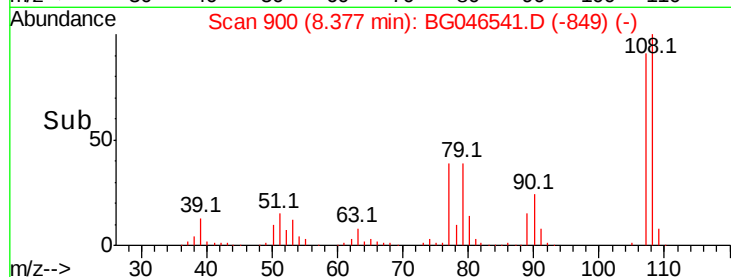
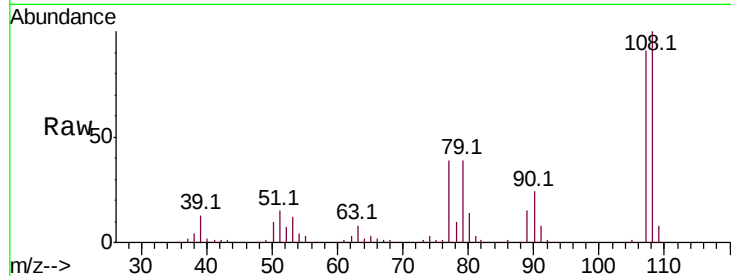
#17
2-Methylphenol
Concen: 56.922 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	199973		
108	110.0	89.4	134.0	
77	42.6	34.5	51.7	
79	43.1	33.8	50.6	

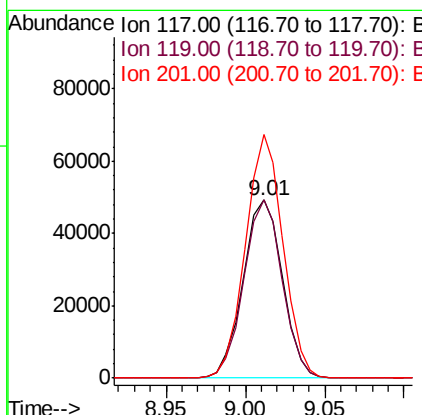
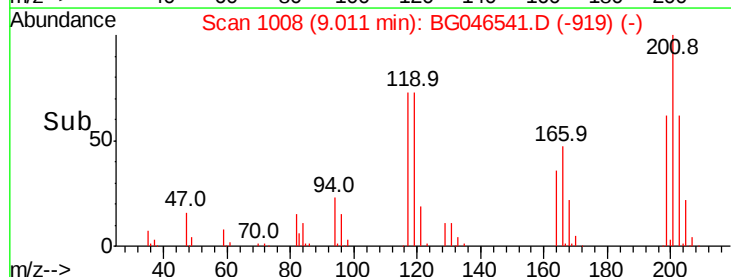
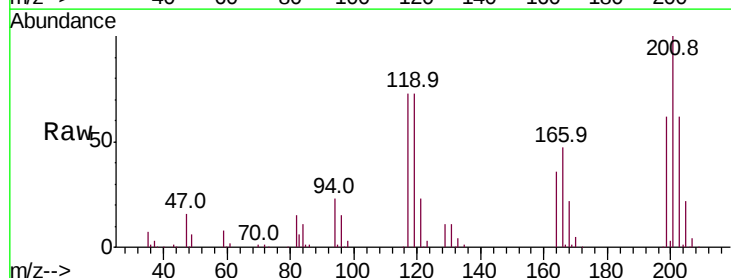
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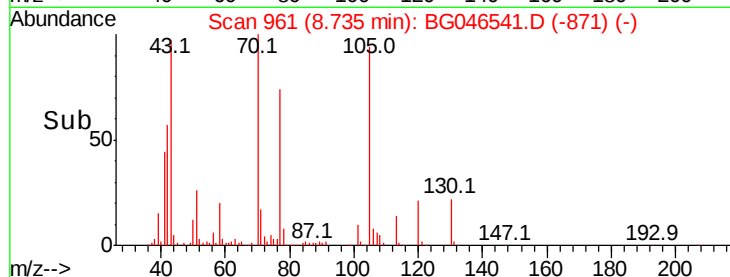
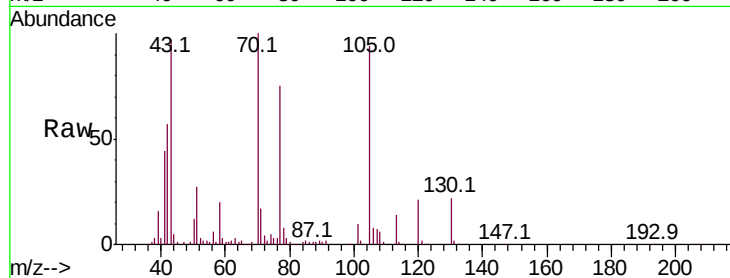
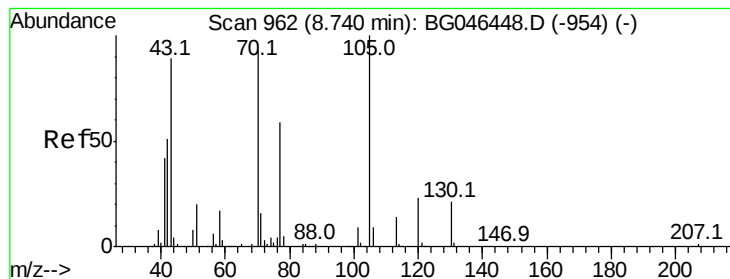
mohammad
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#18
Hexachloroethane
Concen: 49.288 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	85174		
119	100.2	80.8	121.2	
201	136.9	106.7	160.1	





#19

n-Nitroso-di-n-propylamine

Concen: 53.765 ng

RT: 8.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion: 70 Resp: 172964

Ion Ratio Lower Upper

70 100

42 57.0 44.2 66.2

101 10.2 7.8 11.8

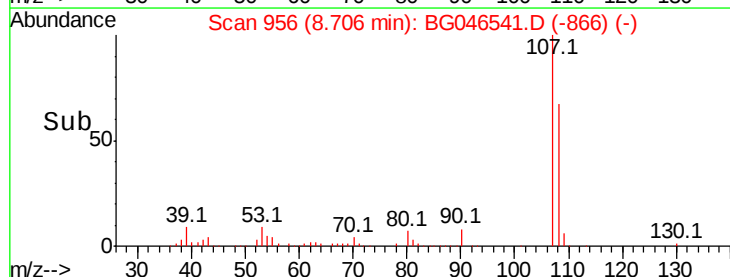
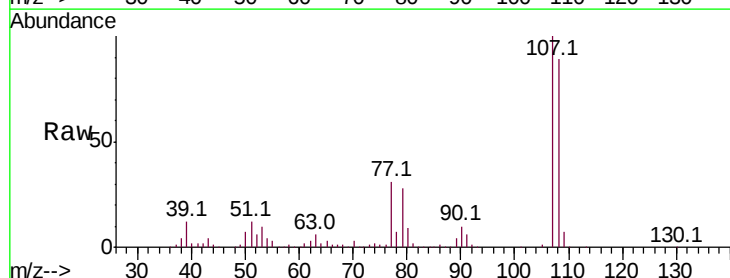
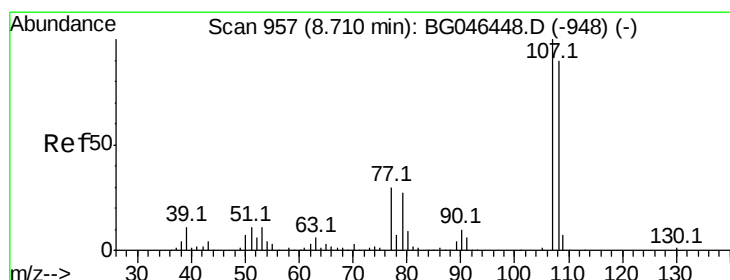
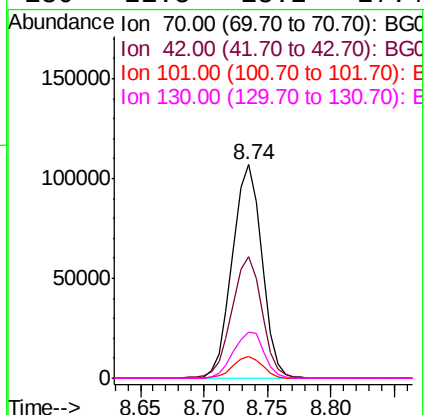
130 21.5 18.2 27.4

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#20

3+4-Methylphenols

Concen: 57.438 ng

RT: 8.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion: 107 Resp: 278518

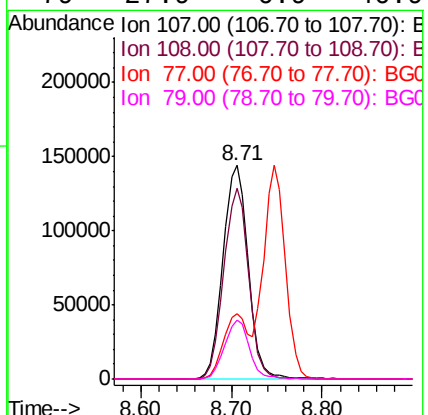
Ion Ratio Lower Upper

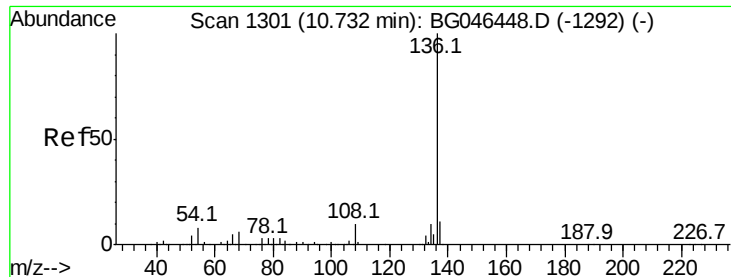
107 100

108 89.3 69.7 109.7

77 30.5 9.7 49.7

79 27.9 6.9 46.9





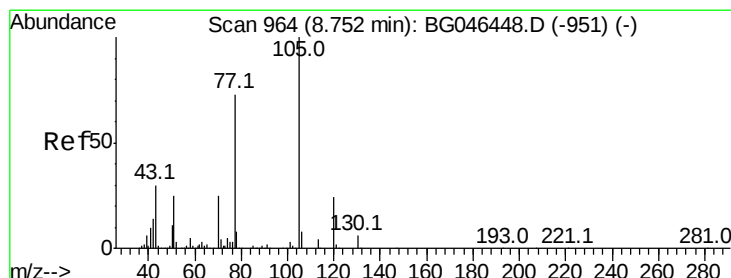
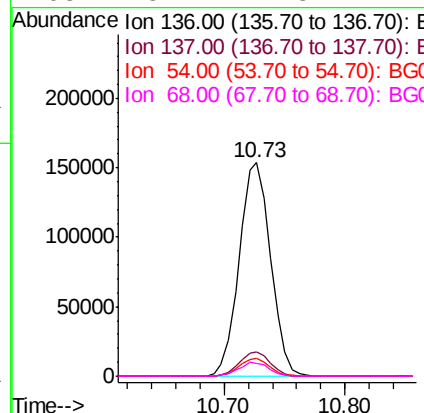
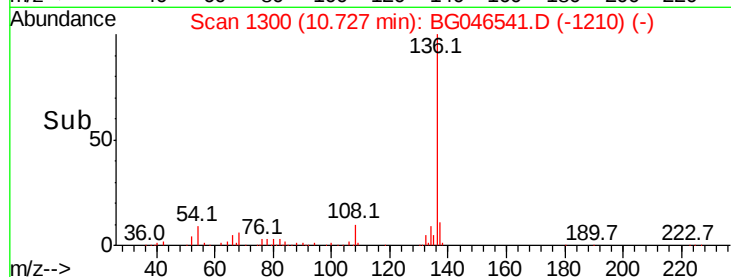
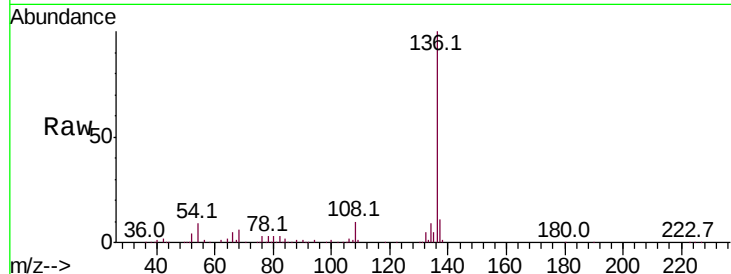
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	278267		
137	11.4	8.8	13.2	
54	8.5	6.1	9.1	
68	5.7	4.8	7.2	

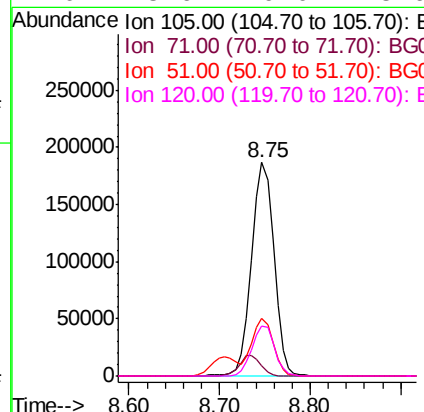
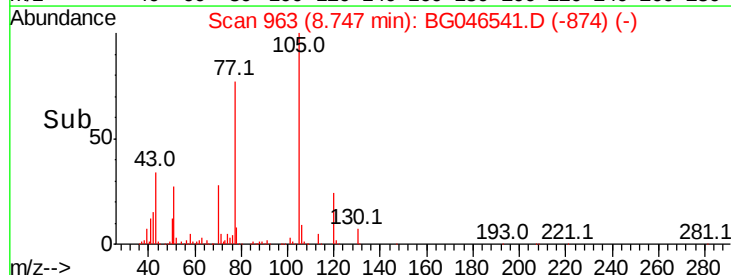
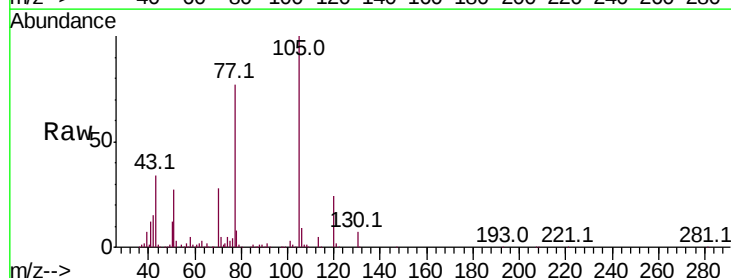
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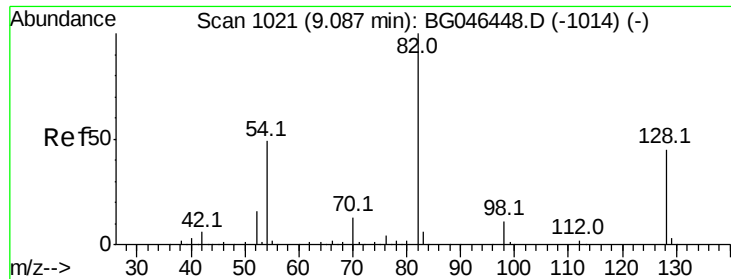
mohammad
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#22
Acetophenone
Concen: 47.791 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323718		
71	4.8	3.3	4.9	
51	26.9	20.6	31.0	
120	23.6	19.0	28.6	





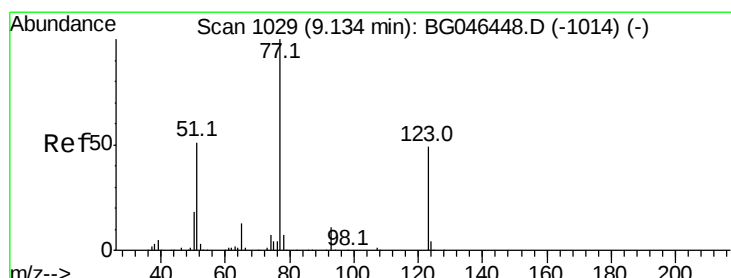
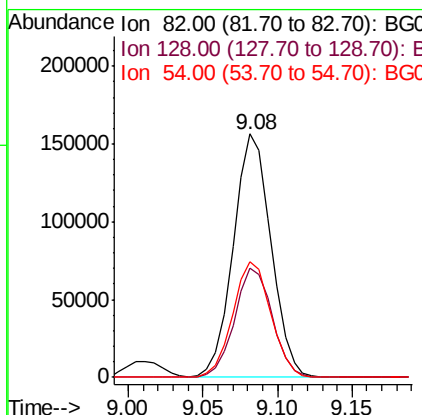
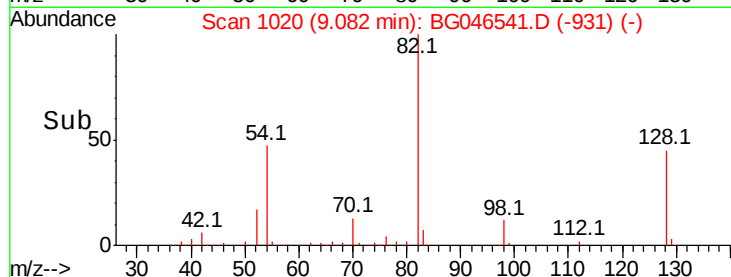
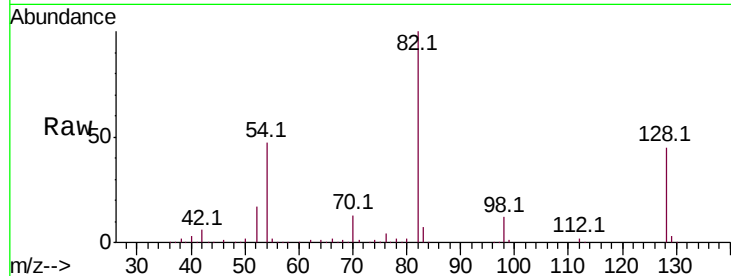
#23
 Nitrobenzene-d5
 Concen: 56.210 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	47.5	39.4	59.0

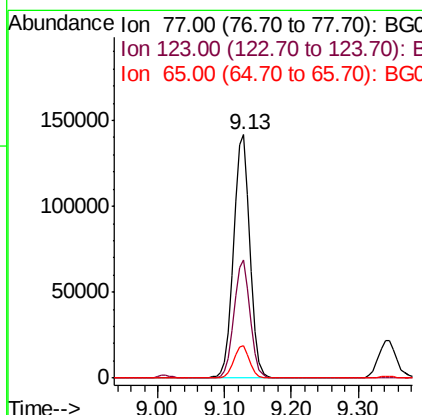
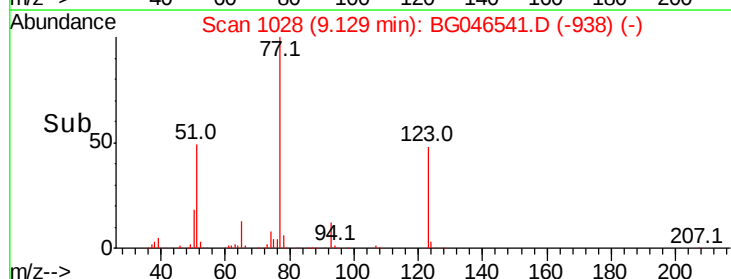
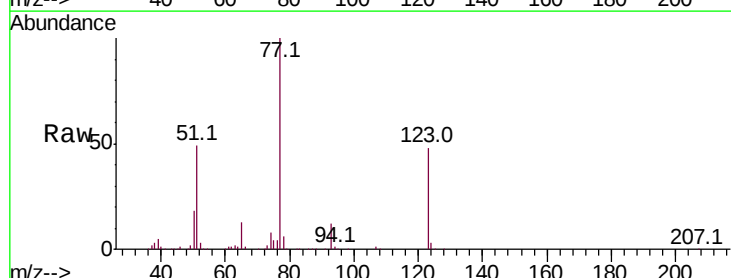
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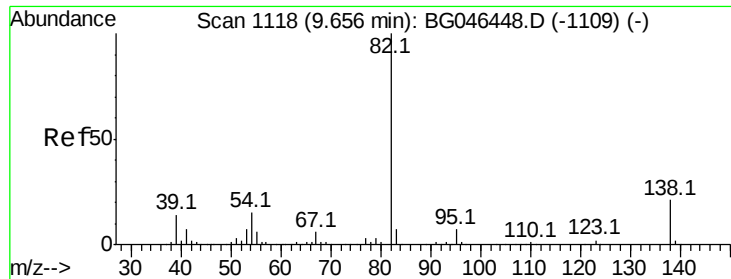
mohammad
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#24
 Nitrobenzene
 Concen: 51.057 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	39.6	59.4
65	13.2	10.1	15.1





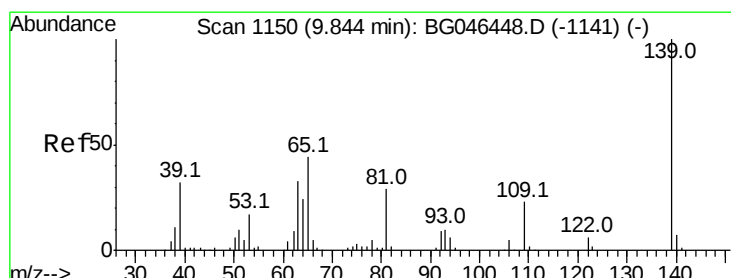
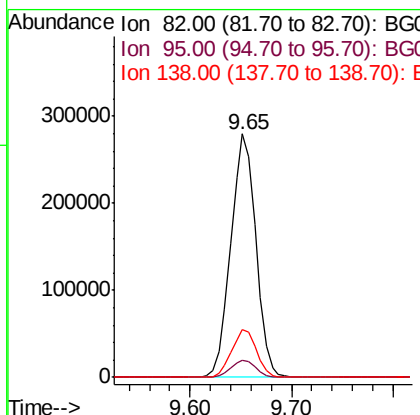
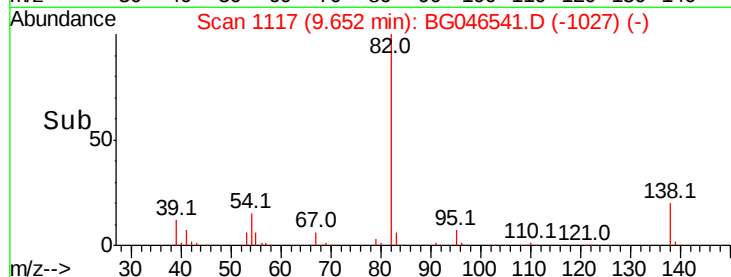
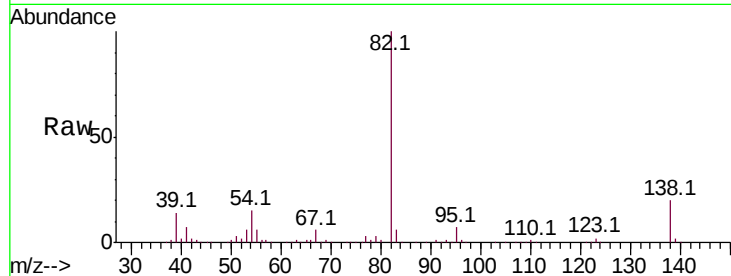
#25
Isophorone
Concen: 53.757 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.8	8.6	
138	19.9	16.4	24.6	

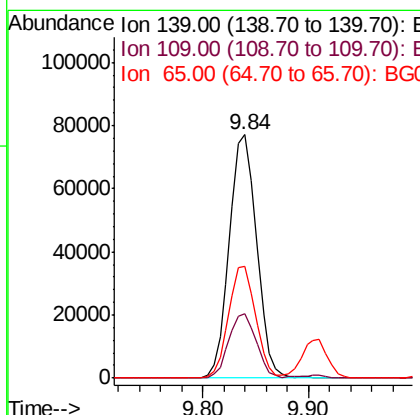
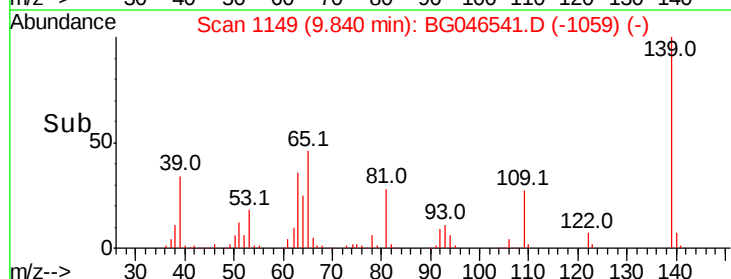
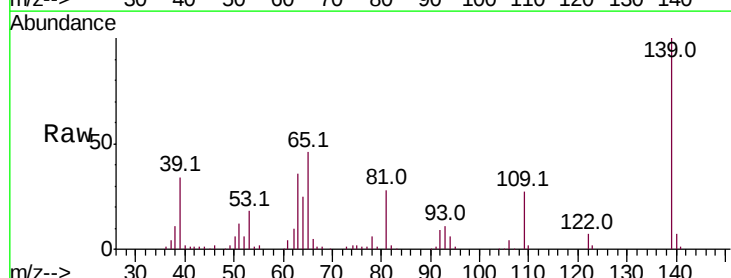
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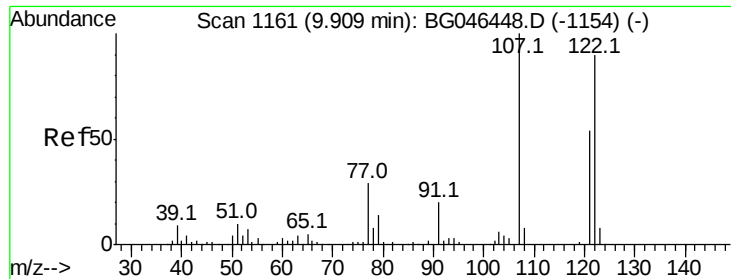
mohammad
9/8/2020 1:45:13 PM



#26
2-Nitrophenol
Concen: 54.406 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	18.8	28.2	
65	45.9	35.0	52.6	





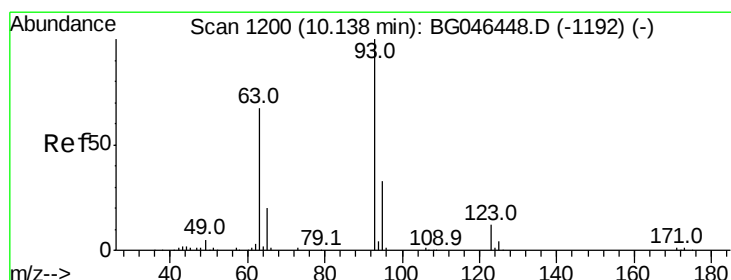
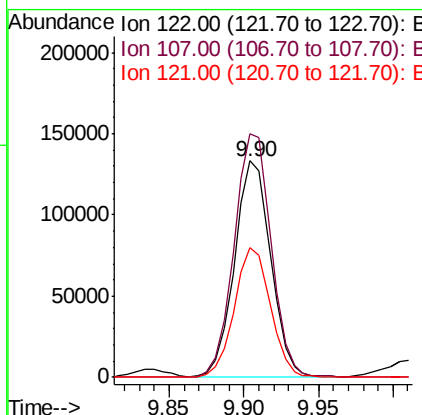
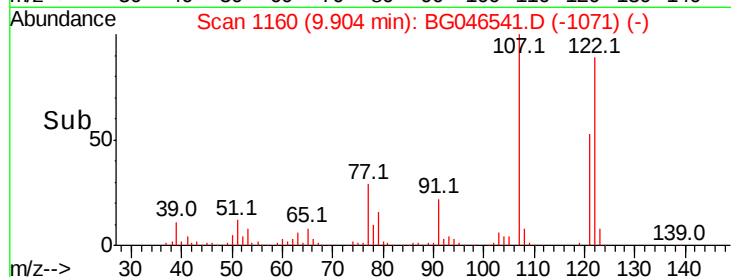
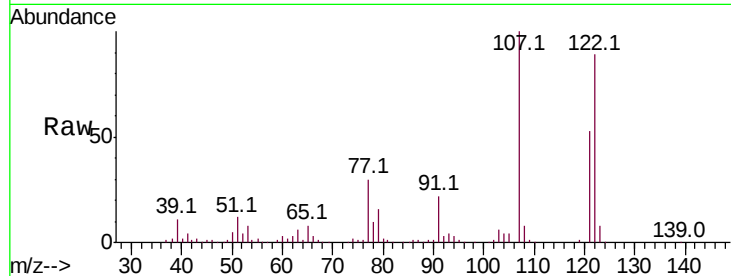
#27
2,4-Dimethylphenol
Concen: 64.032 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	88.2	132.2
121	60.2	47.4	71.0

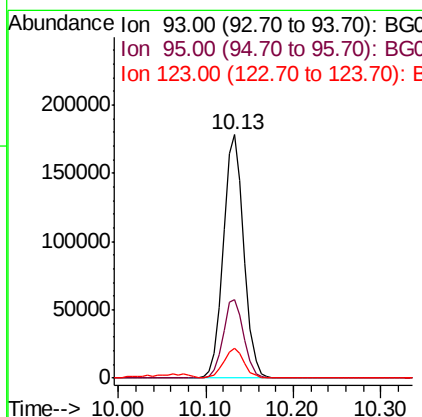
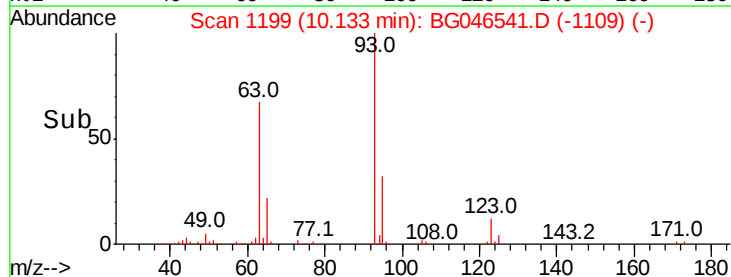
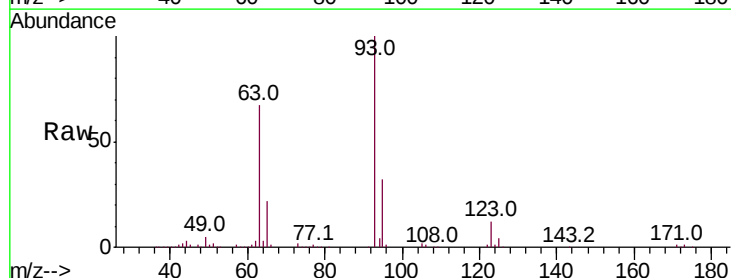
Manual Integrations
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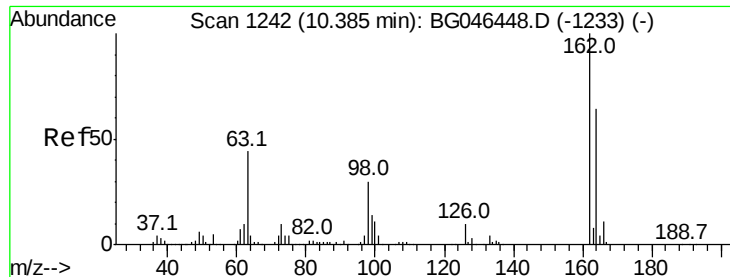
mohammad
9/8/2020 1:45:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.011 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	12.1	9.5	14.3





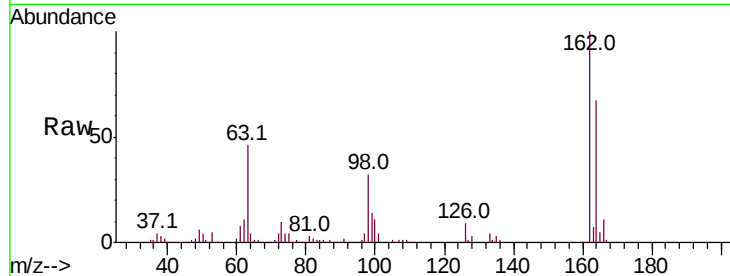
#29
2,4-Dichlorophenol
Concen: 54.998 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.7	44.3	84.3
98	31.9	10.0	50.0

Manual Integrations
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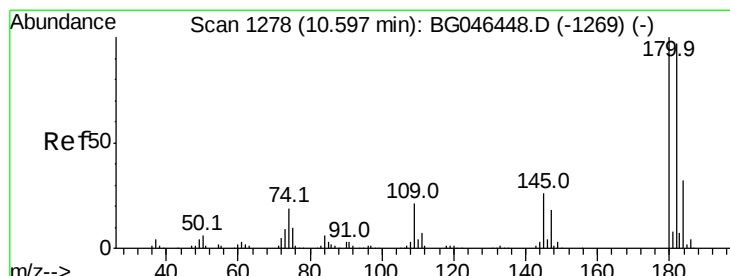
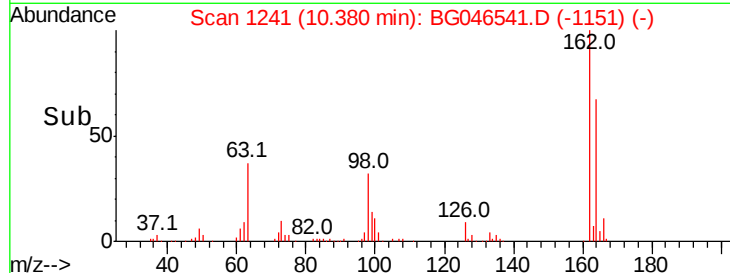
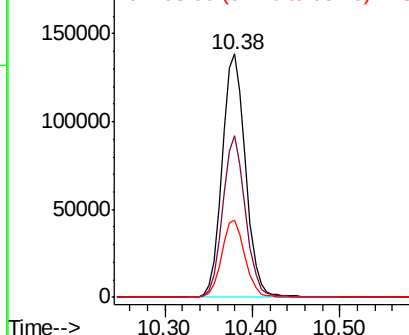


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 47.616 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

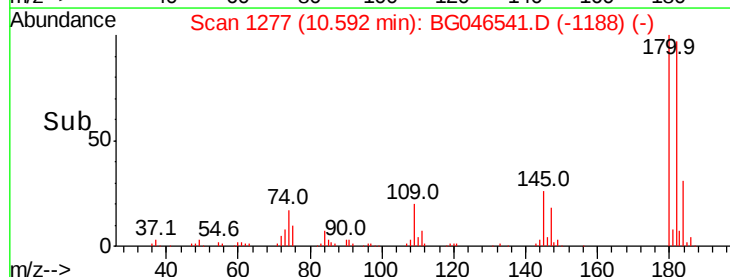
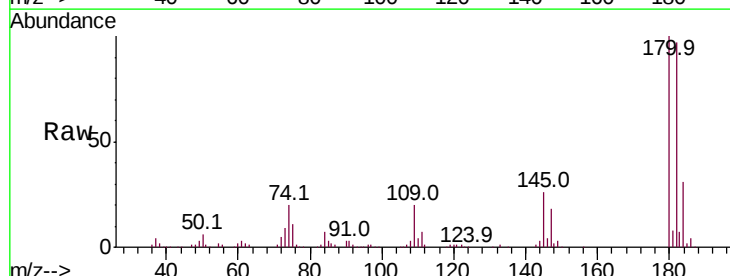
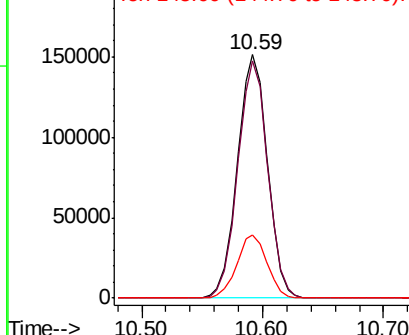
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.3	77.8	116.8
145	26.1	20.9	31.3

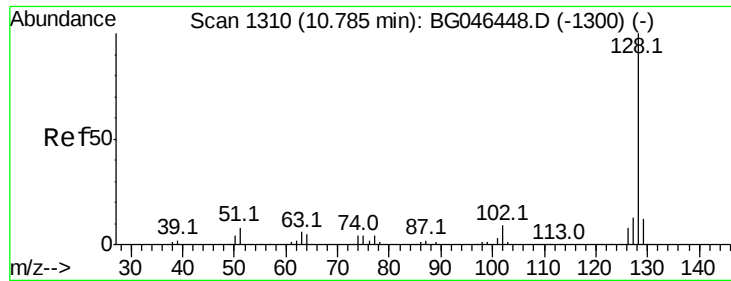
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





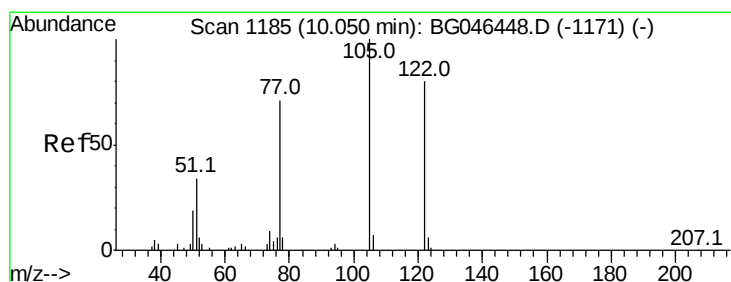
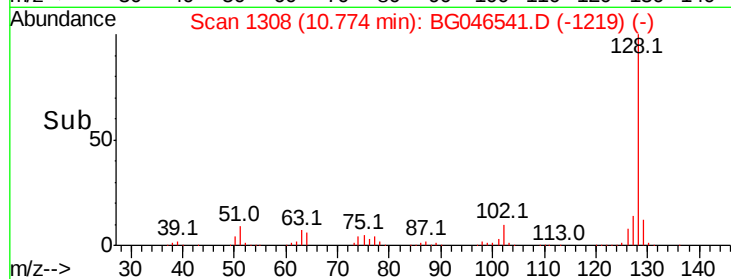
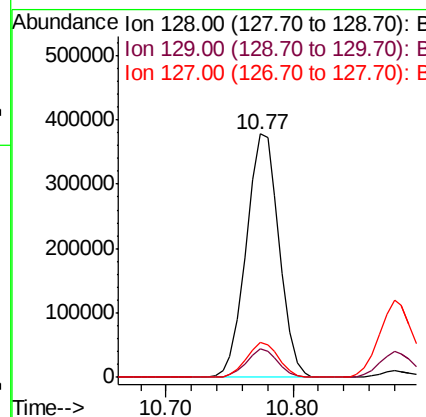
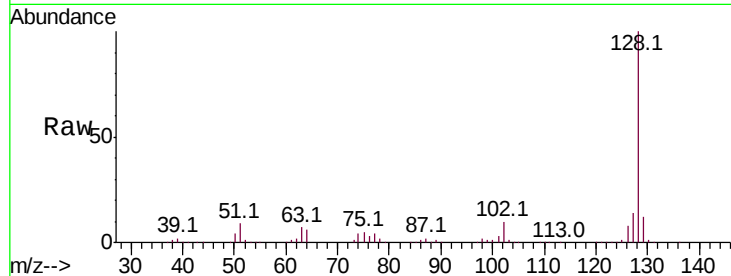
#31
Naphthalene
Concen: 49.911 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	14.1	10.7	16.1

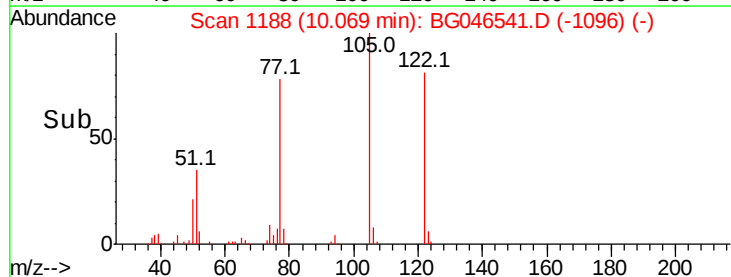
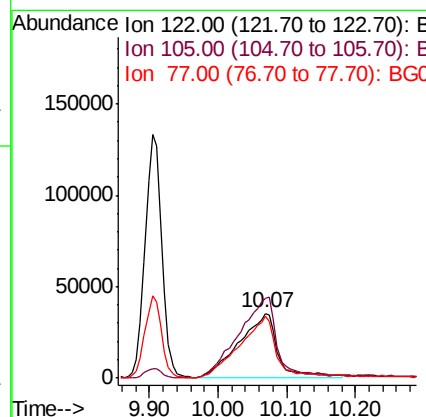
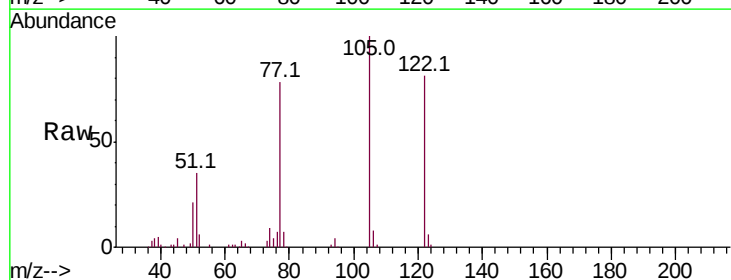
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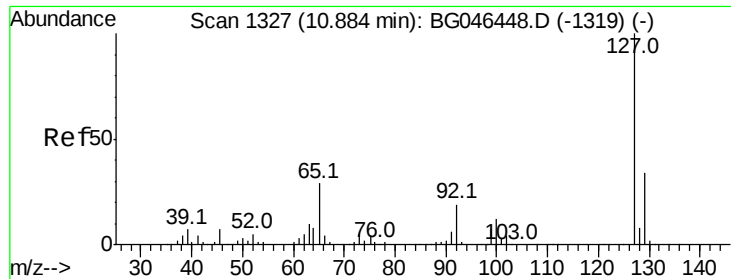
mohammad
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#32
Benzoic acid
Concen: 50.889 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	102.5	142.5
77	95.8	68.2	108.2





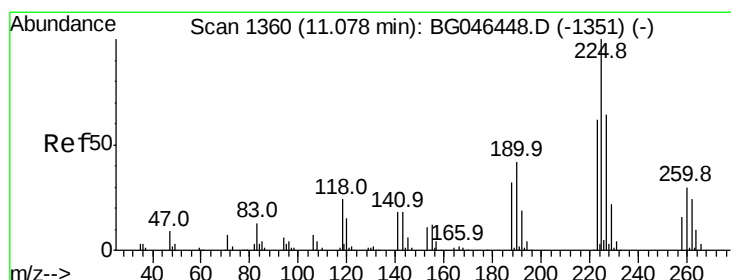
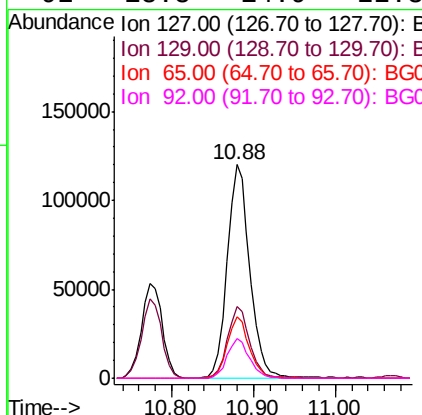
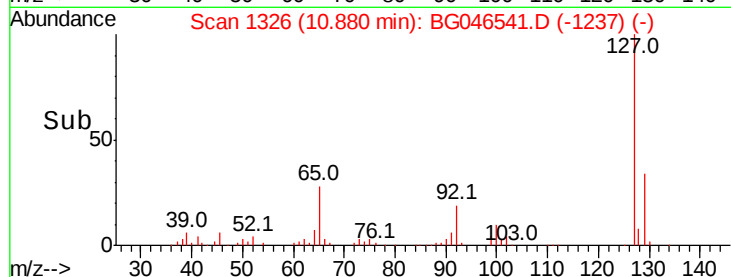
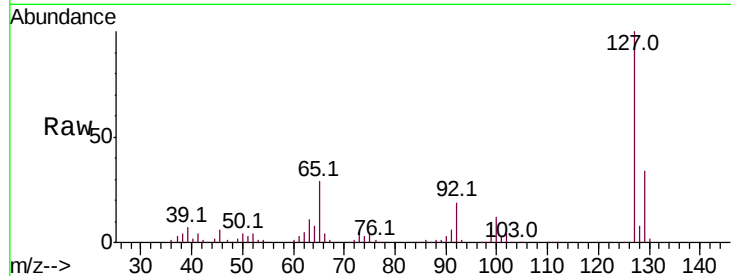
#33
4-Chloroaniline
Concen: 38.517 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		230762		
129	33.8	27.0	40.4		
65	28.6	23.5	35.3		
92	18.8	14.9	22.3		

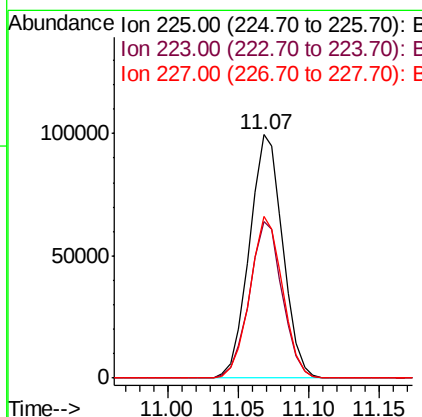
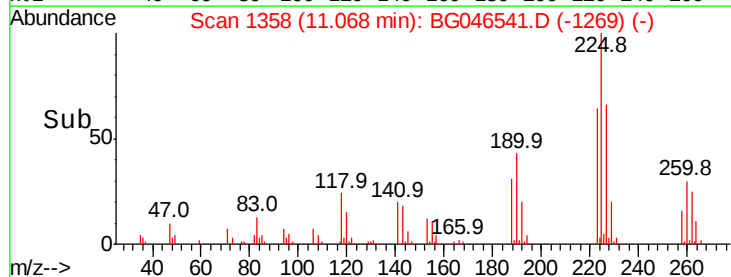
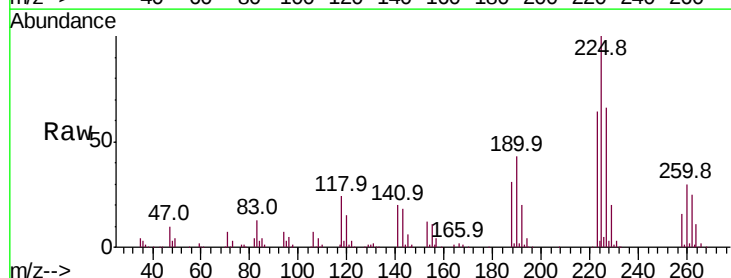
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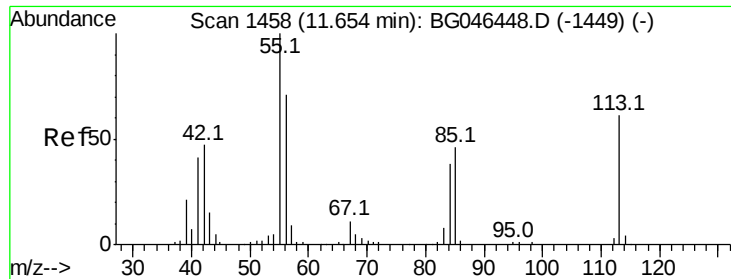
mohammad
9/8/2020 1:45:13 PM



#34
Hexachlorobutadiene
Concen: 46.112 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		165260		
223	64.3	49.9	74.9		
227	66.4	51.6	77.4		





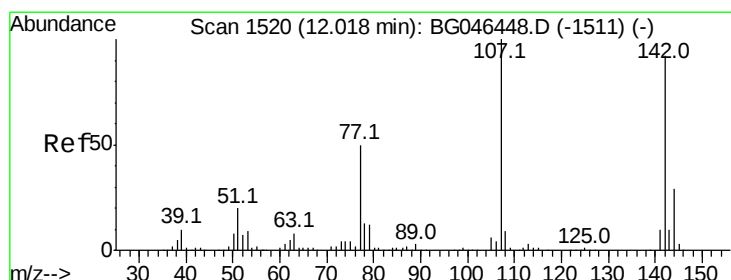
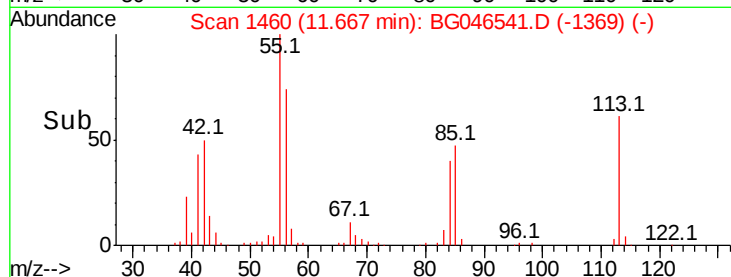
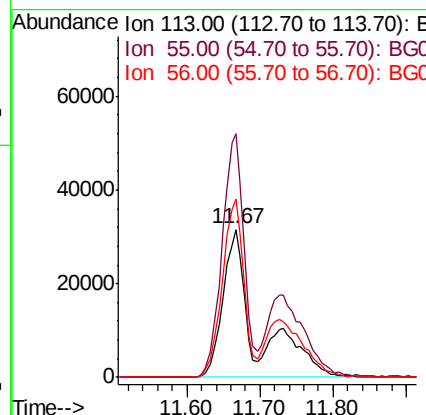
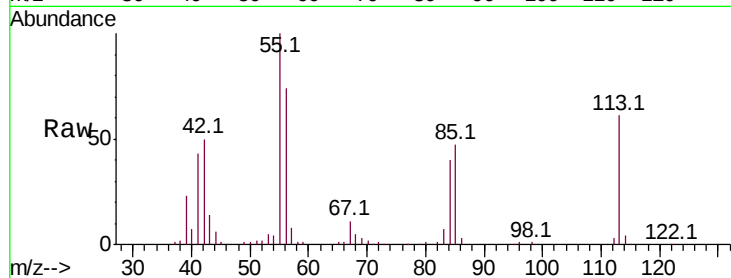
#35
Caprolactam
Concen: 56.665 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:113 Resp: 98557
Ion Ratio Lower Upper
113 100
55 164.5 144.2 184.2
56 120.9 97.0 137.0

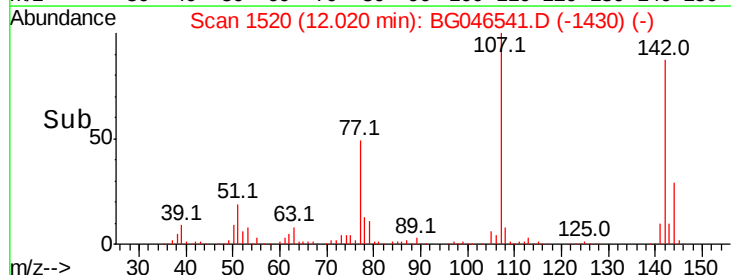
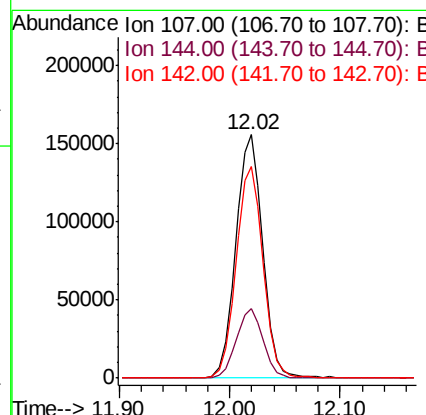
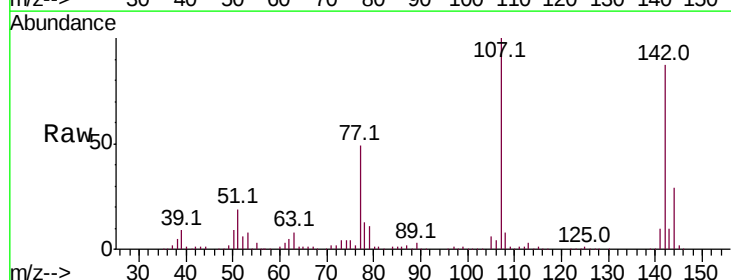
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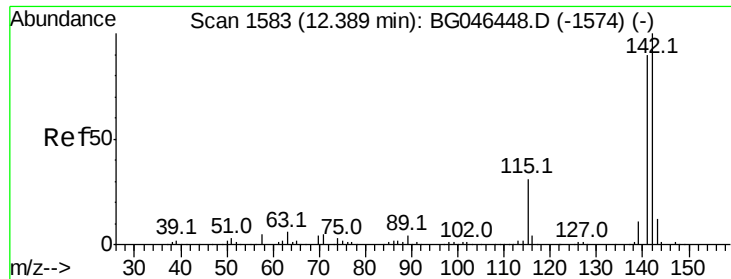
mohammad
9/8/2020 1:45:13 PM



#36
4-Chloro-3-methylphenol
Concen: 58.329 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:107 Resp: 265452
Ion Ratio Lower Upper
107 100
144 28.8 23.3 34.9
142 86.9 73.7 110.5





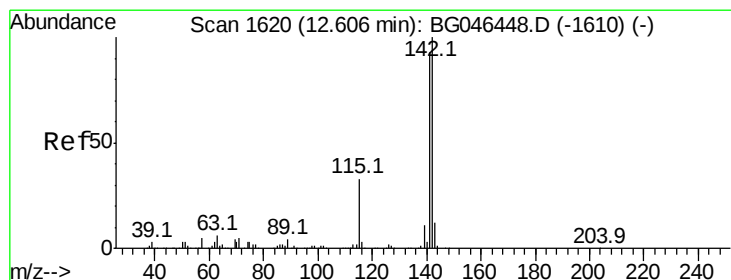
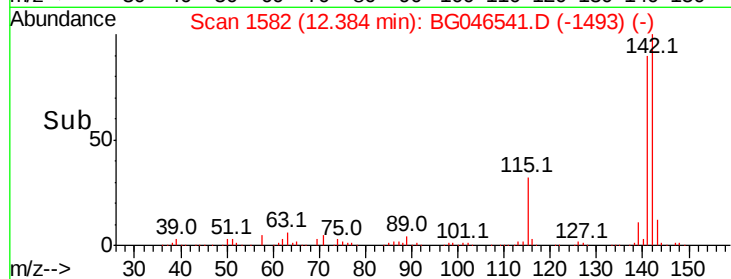
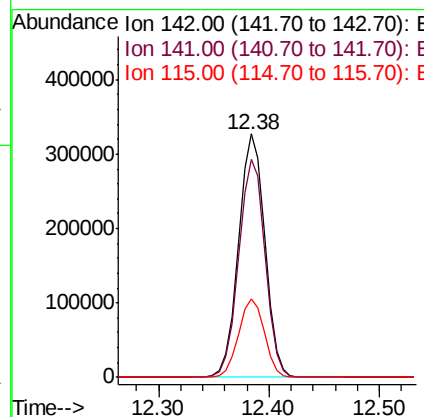
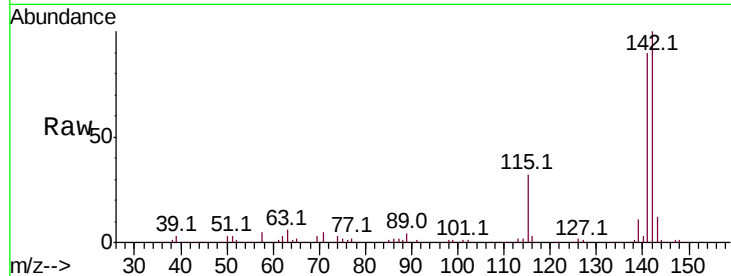
#37
2-Methylnaphthalene
Concen: 51.162 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
115	32.1	24.9	37.3

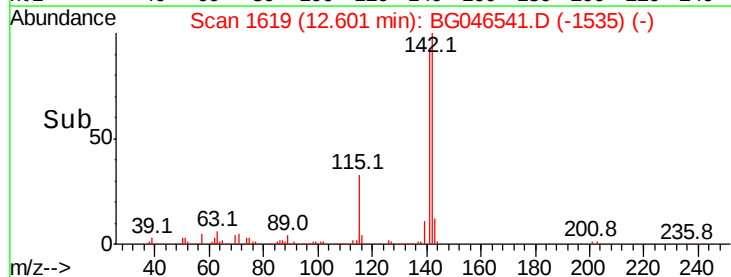
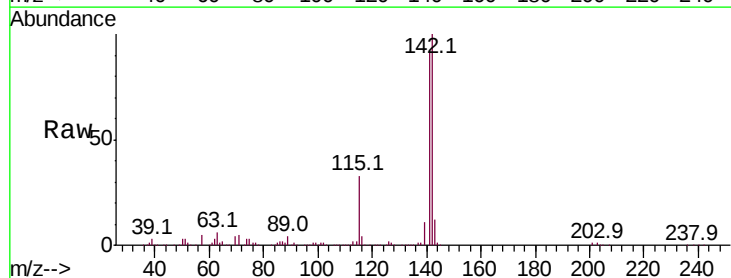
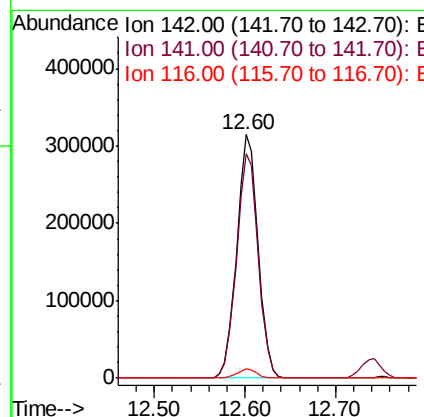
Manual Integrations
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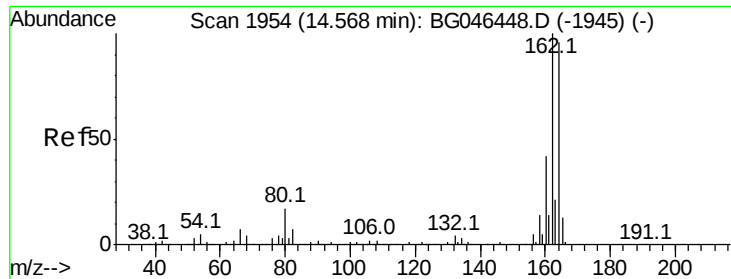
mohammad
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#38
1-Methylnaphthalene
Concen: 50.764 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.7	112.1
116	3.7	2.6	4.0





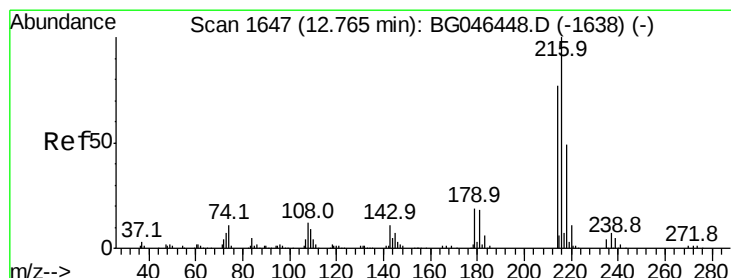
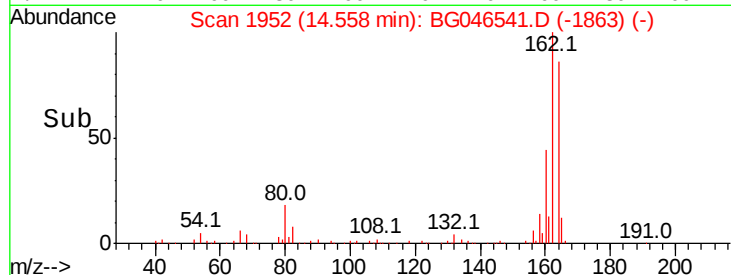
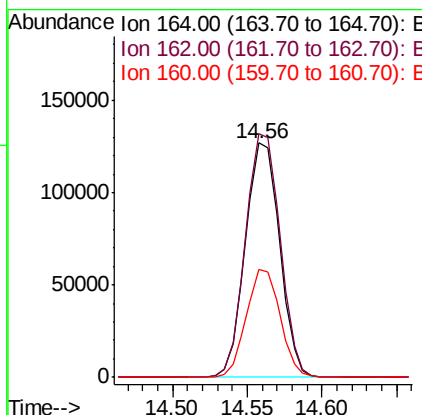
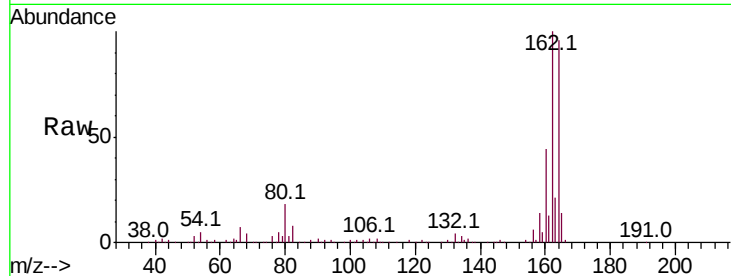
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.3	124.9
160	46.0	35.0	52.6

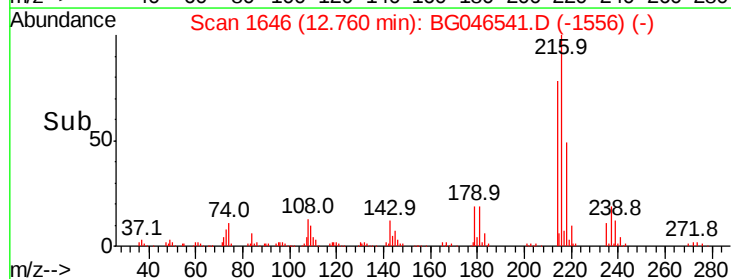
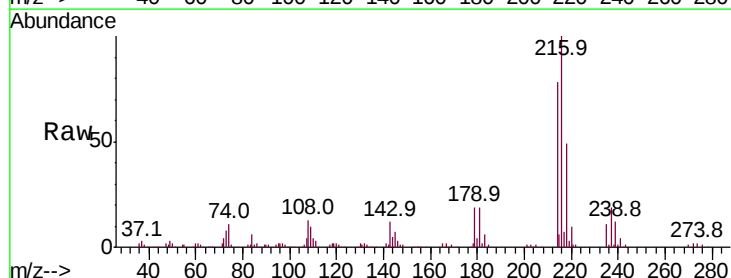
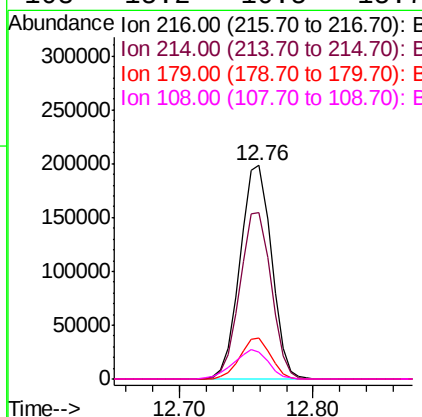
Manual Integrations
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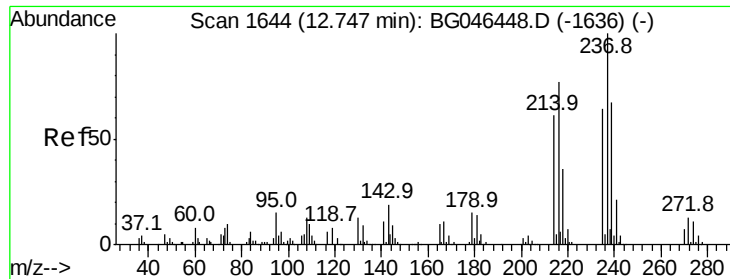
mohammad
 9/8/2020 1:45:13 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.564 ng
 RT: 12.76 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.1	93.1
179	18.6	14.9	22.3
108	15.2	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 132.105 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

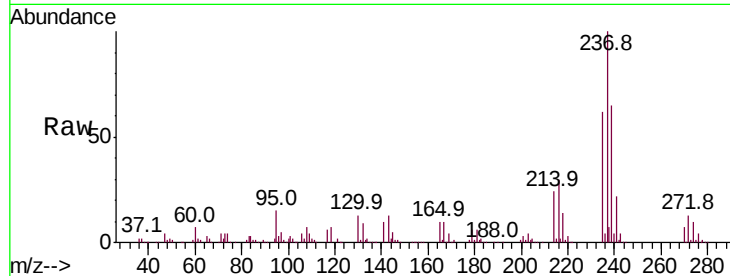
ClientSampleId :

AL-FALAH-5MS

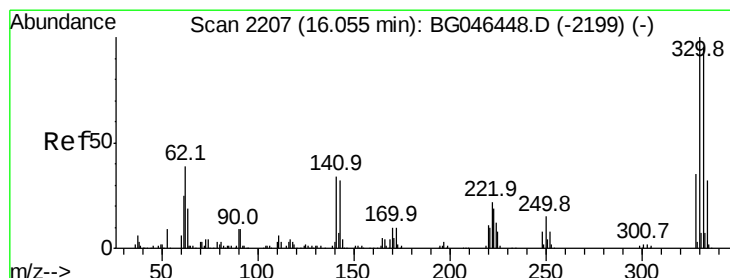
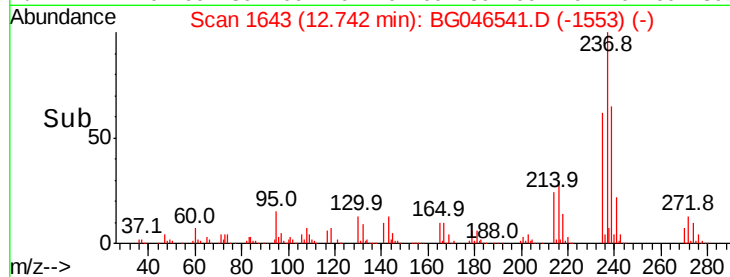
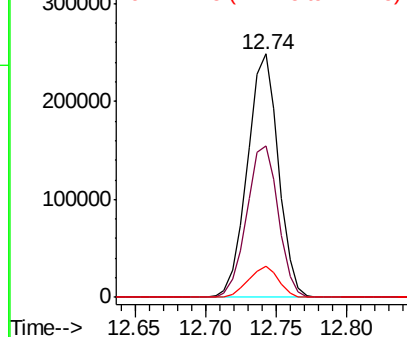
Tot Ion:	237	Resp:	382049
Ion Ratio	Lower	Upper	
237	100		
235	62.2	44.5	84.5
272	12.6	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 79.369 ng

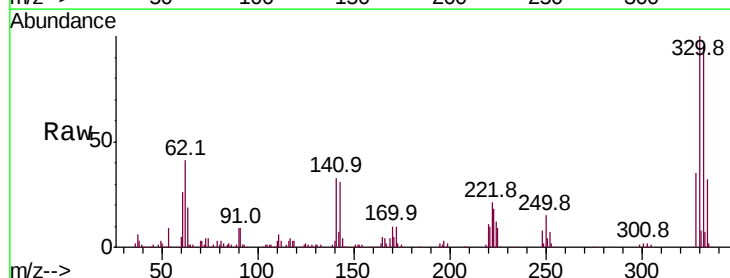
RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

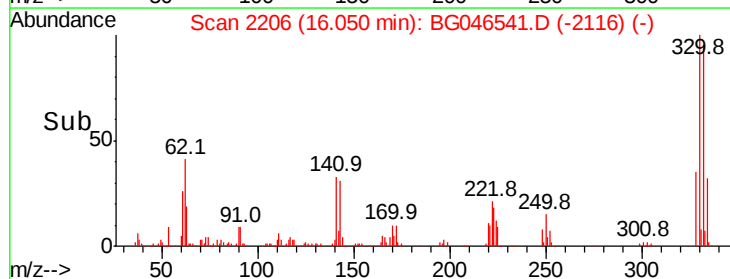
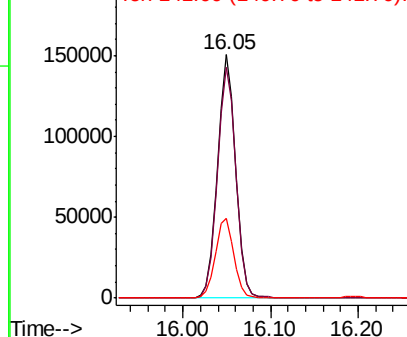
Lab File: BG046541.D

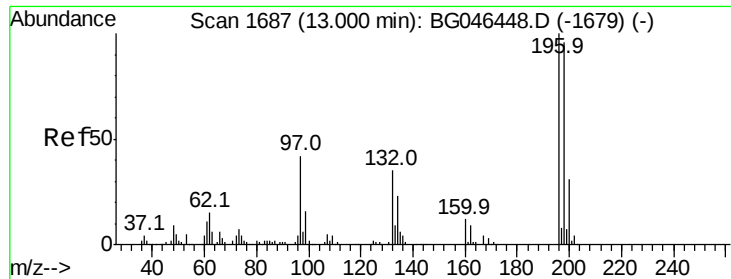
Acq: 4 Sep 2020 15:16

Tgt Ion:	330	Resp:	216896
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.1	114.1
141	33.4	26.1	39.1



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





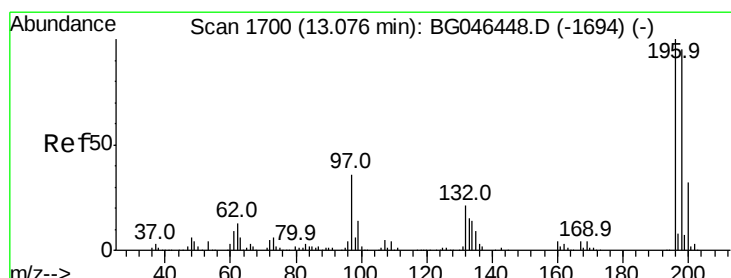
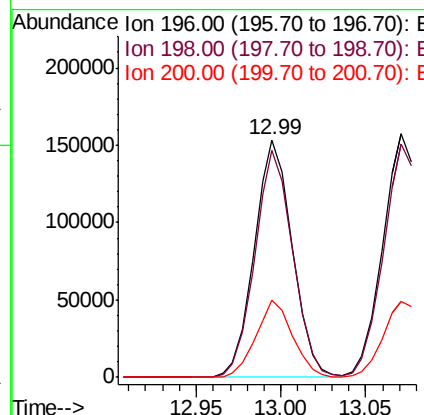
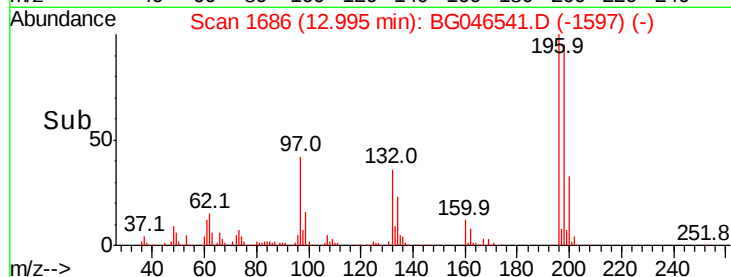
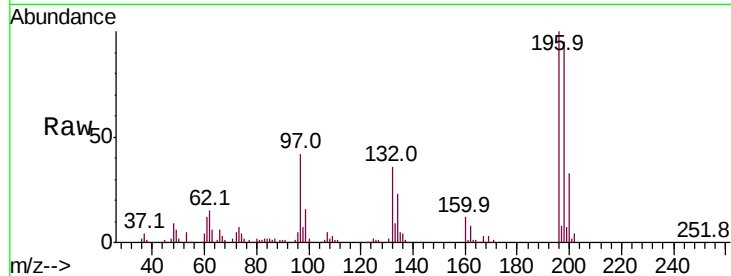
#43
 2,4,6-Trichlorophenol
 Concen: 53.292 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239190		
198	95.4	77.0	115.6	
200	32.7	25.2	37.8	

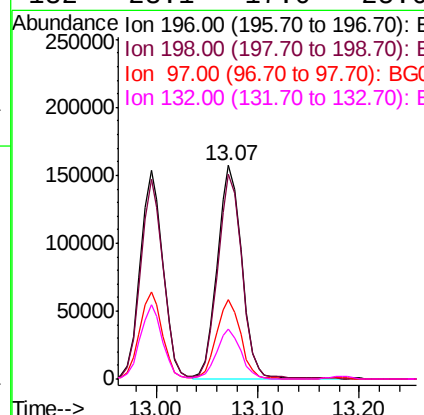
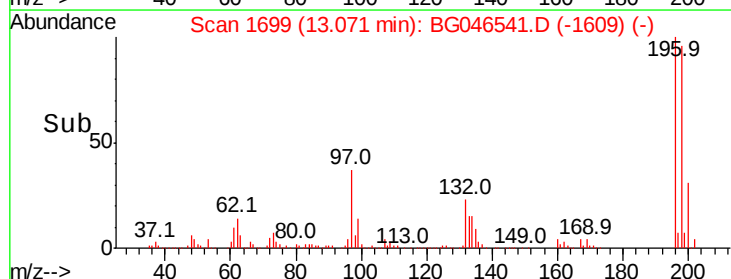
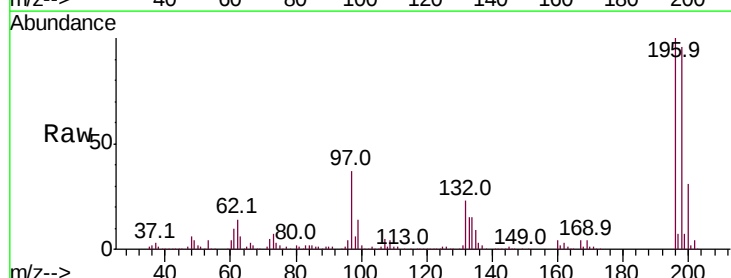
Manual Integrations
 APPROVED

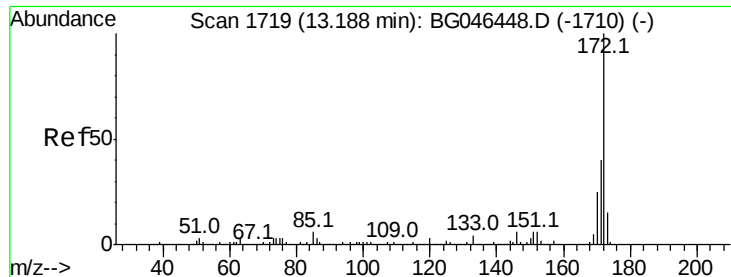
mohammad
 9/8/2020 1:45:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.640 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262382		
198	95.6	75.6	113.4	
97	37.0	28.6	43.0	
132	23.1	17.0	25.6	





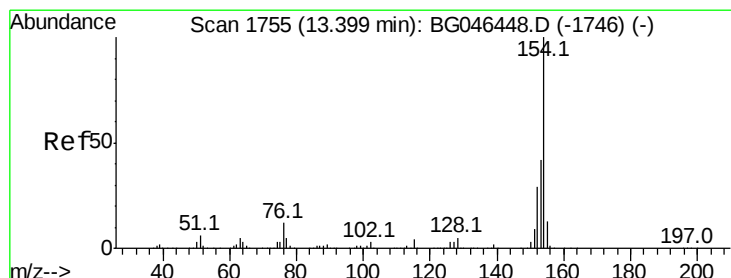
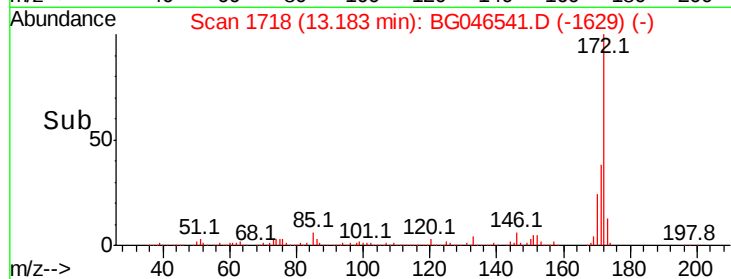
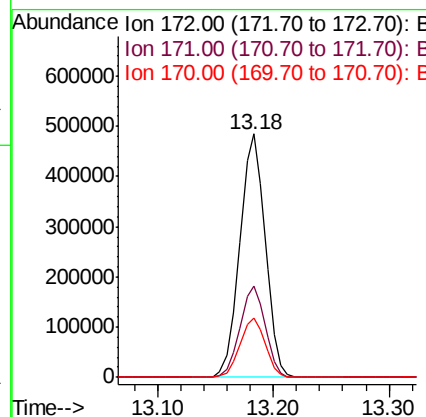
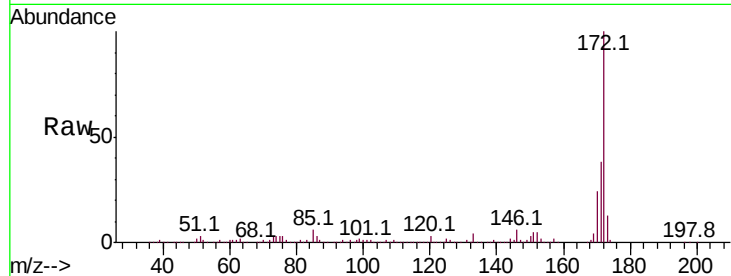
#45
2-Fluorobiphenyl
Concen: 55.663 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.6
170	24.3	20.3	30.5

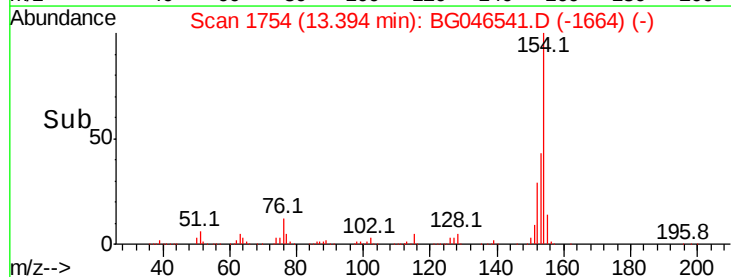
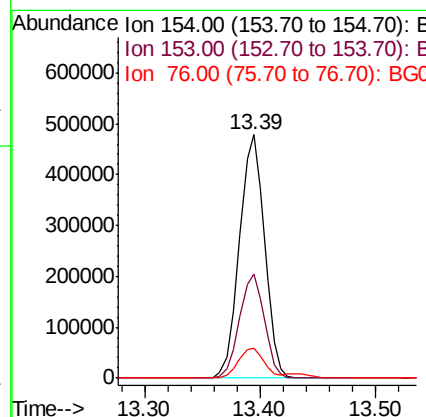
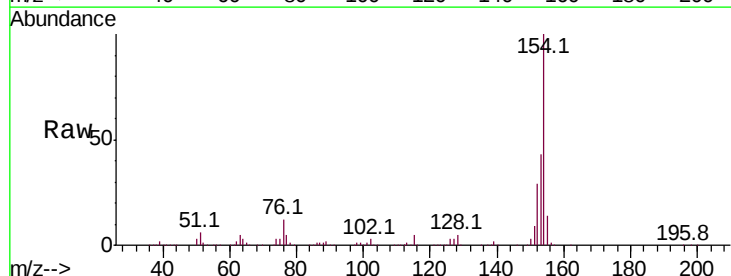
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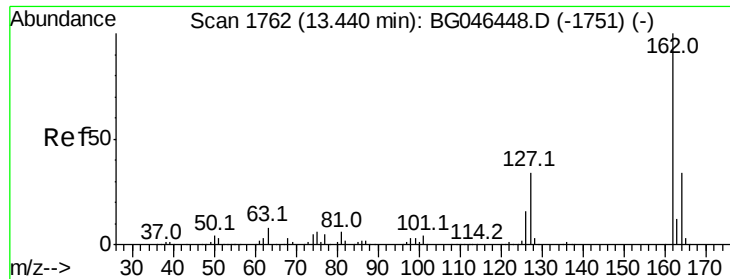
mohammad
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#46
1,1'-Biphenyl
Concen: 51.249 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	12.0	0.0	32.3





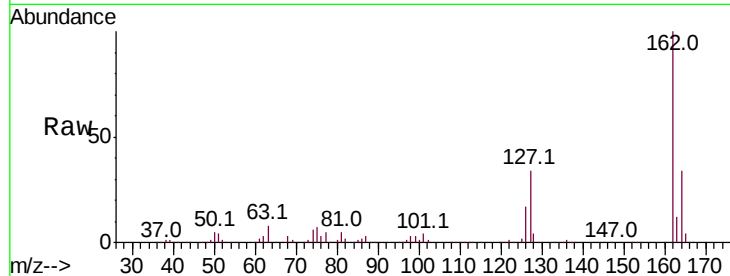
#47
 2-Chloronaphthalene
 Concen: 47.789 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

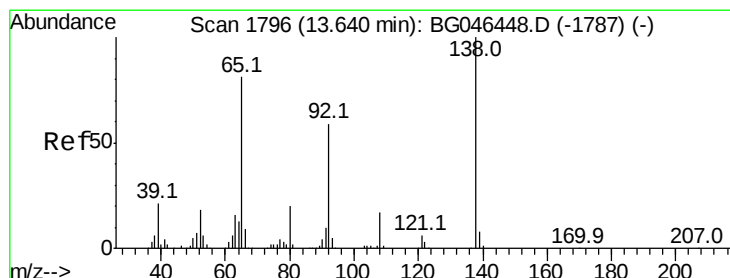
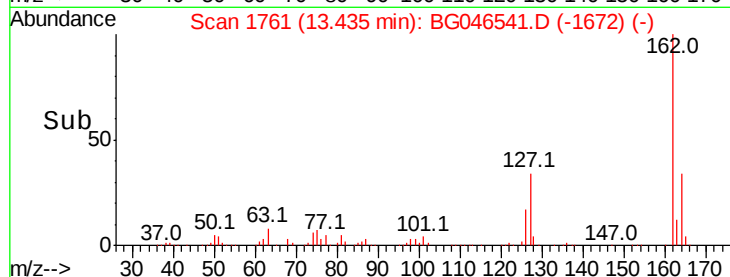
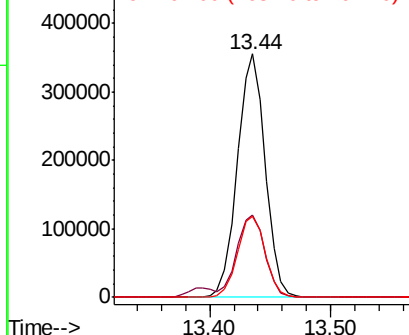
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	27.6	41.4
164	33.5	27.3	40.9

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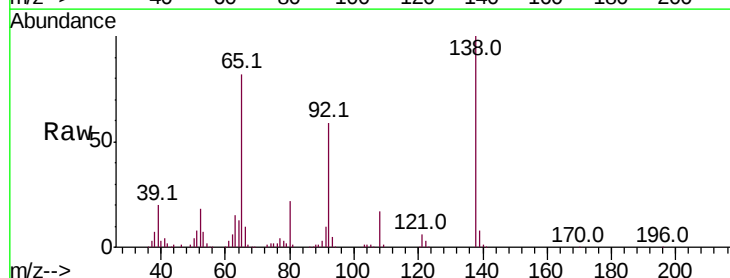


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

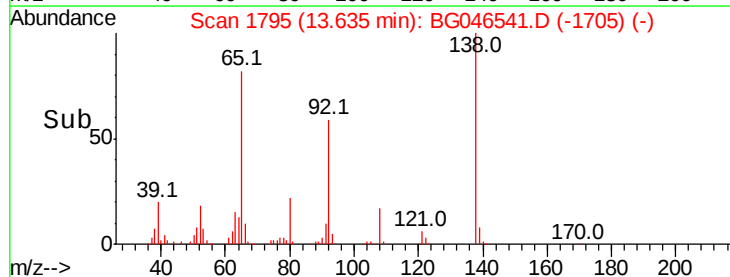
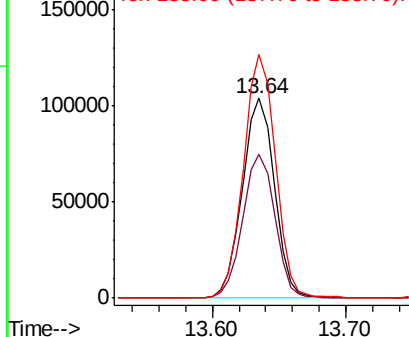


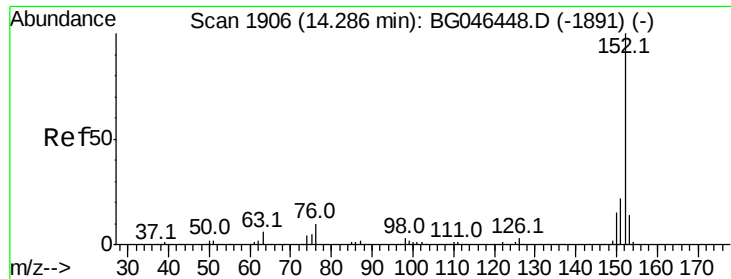
#48
 2-Nitroaniline
 Concen: 52.394 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	58.5	87.7
138	122.0	98.4	147.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





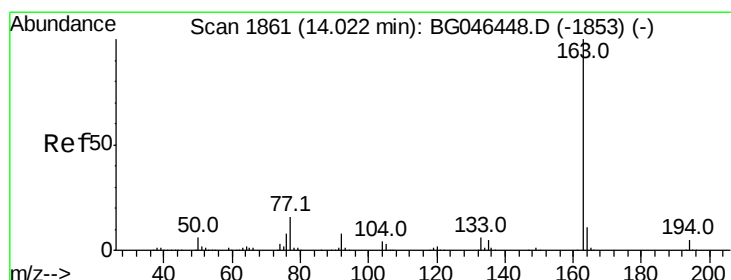
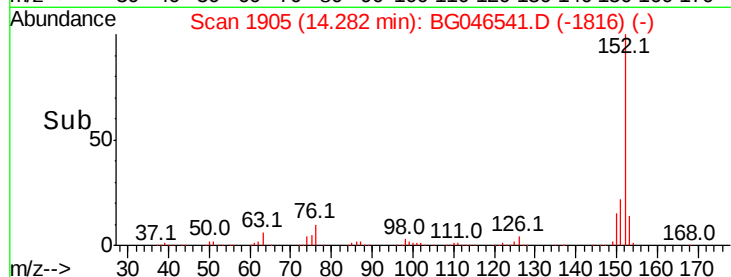
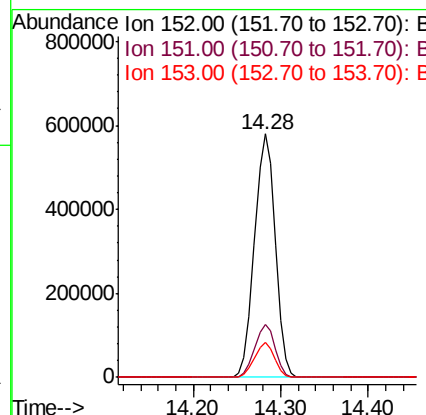
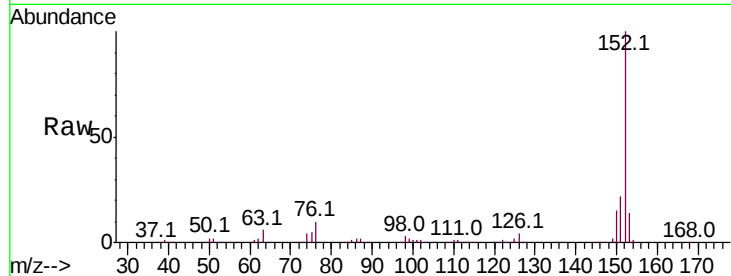
#49
Acenaphthylene
Concen: 51.334 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.7	26.5
153	14.3	11.2	16.8

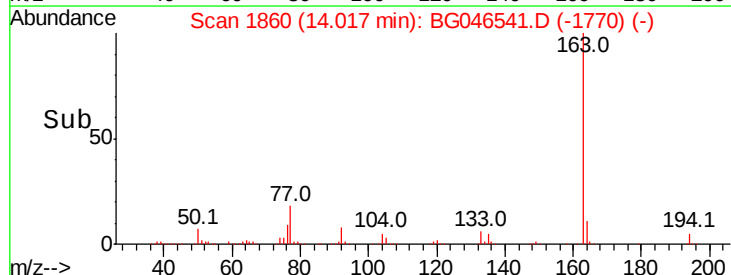
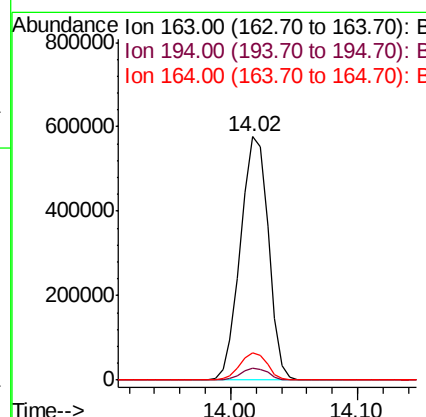
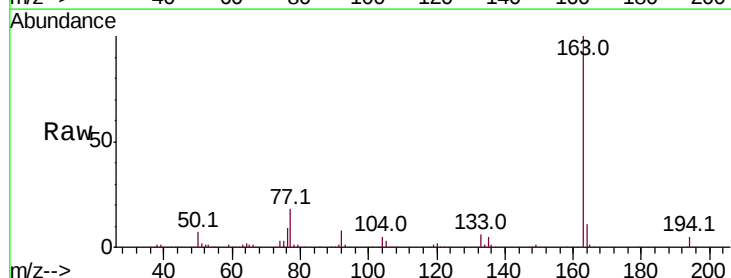
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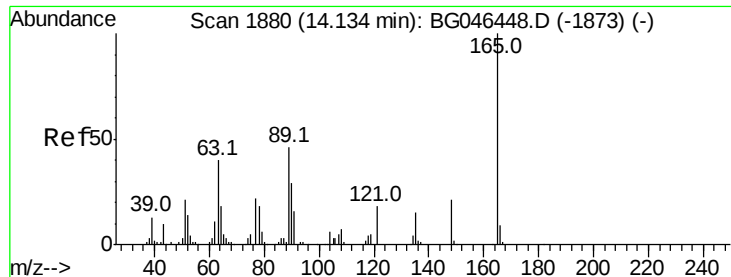
mohammad
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#50
Dimethylphthalate
Concen: 56.439 ng
RT: 14.02 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	11.1	8.6	12.8





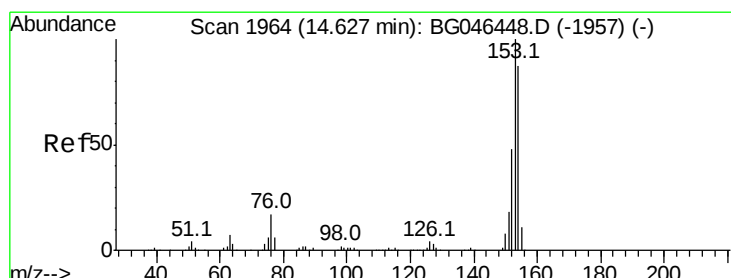
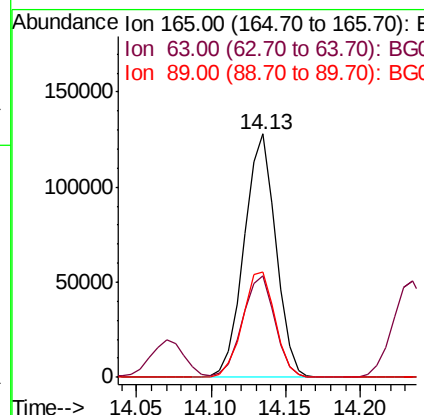
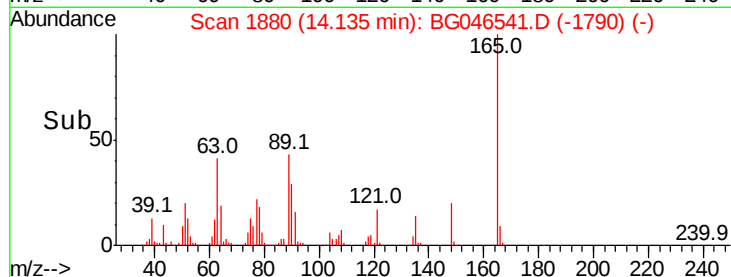
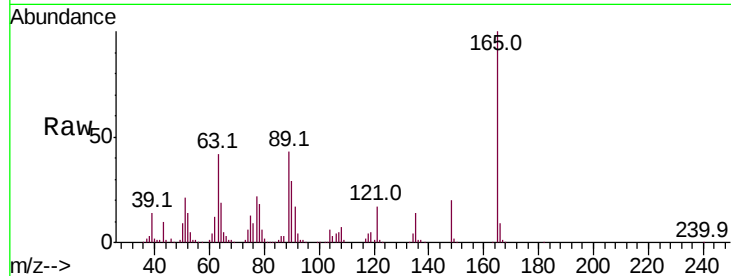
#51
2,6-Dinitrotoluene
Concen: 54.531 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	187566		
63	41.8		34.2	51.4
89	43.4		37.0	55.4

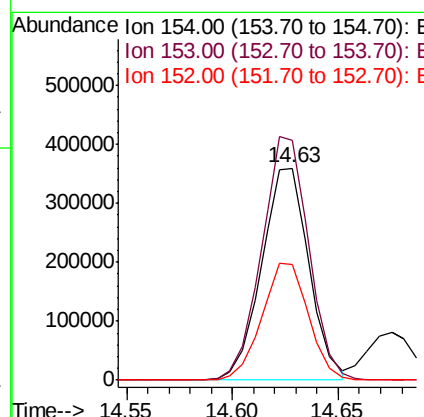
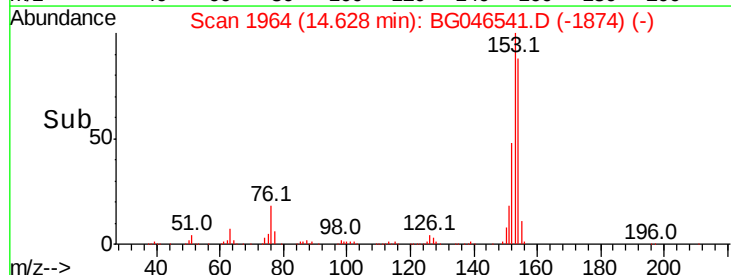
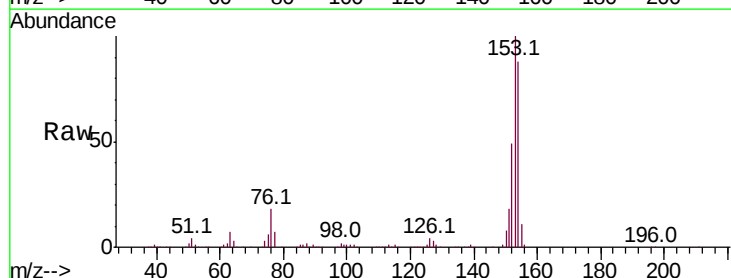
Manual Integrations
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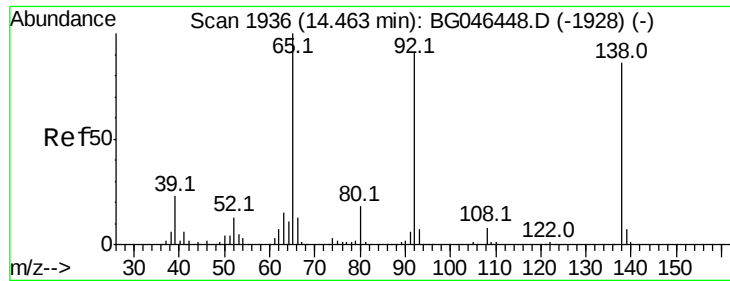
mohammad
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#52
Acenaphthene
Concen: 50.049 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	559738		
153	113.0		91.9	137.9
152	54.9		43.8	65.6





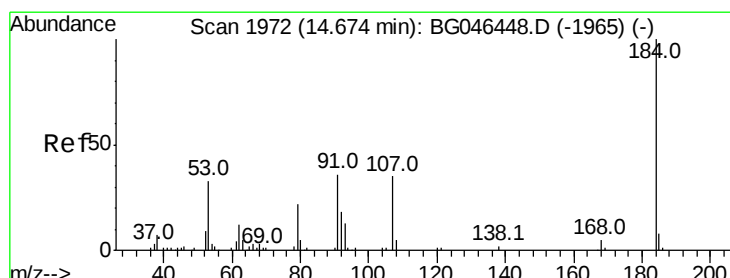
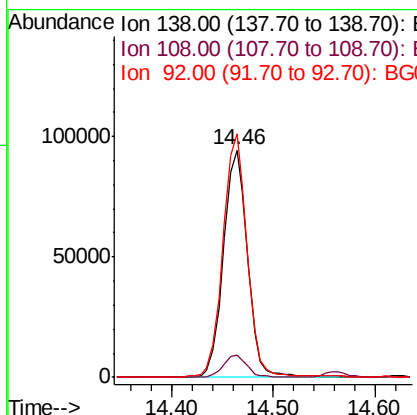
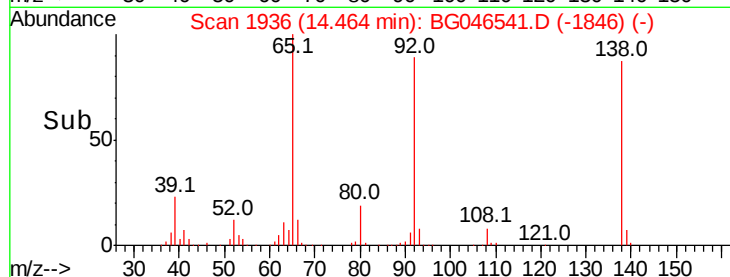
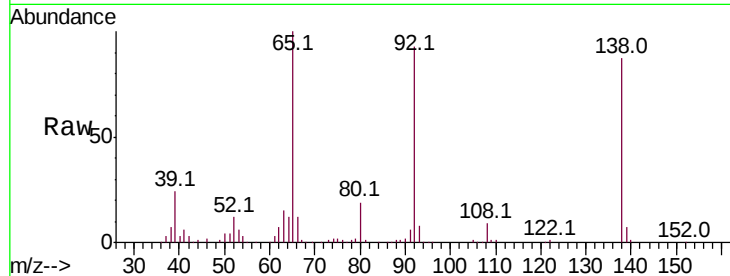
#53
3-Nitroaniline
Concen: 41.641 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.0	10.6
92	107.1	84.6	127.0

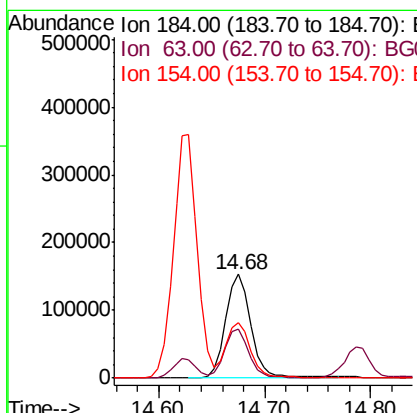
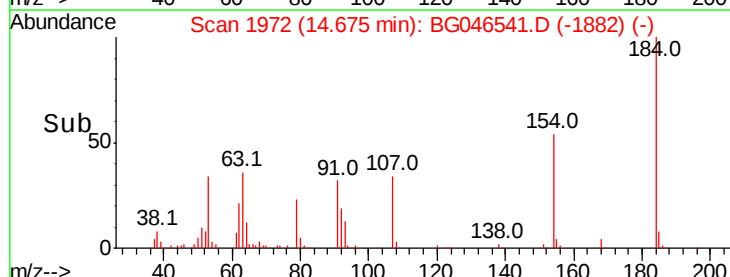
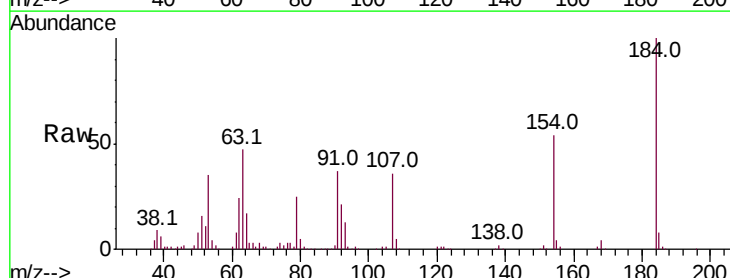
Manual Integrations
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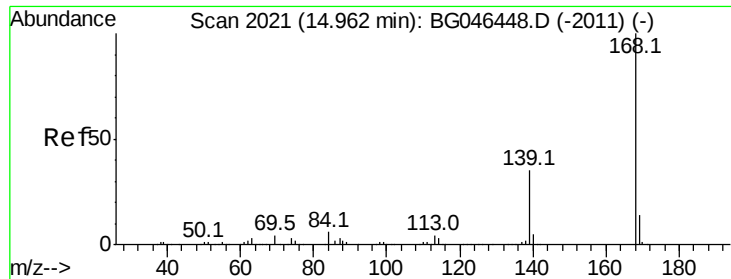
mohammad
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#54
2,4-Dinitrophenol
Concen: 127.036 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.1	35.6	53.4
154	53.6	44.3	66.5





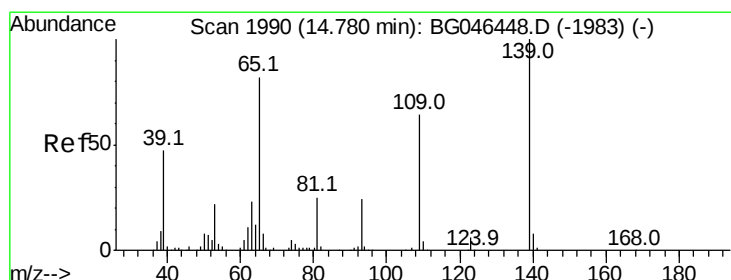
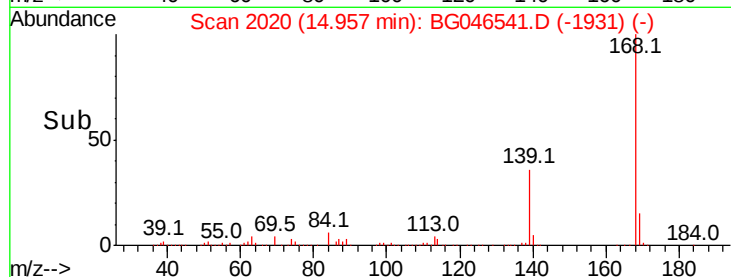
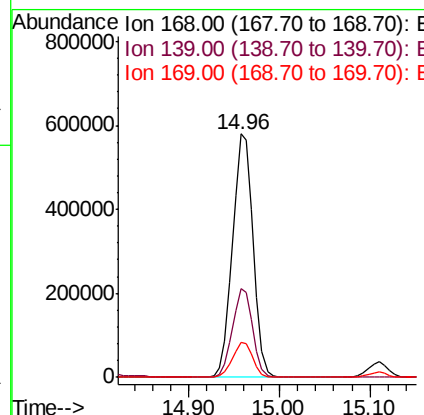
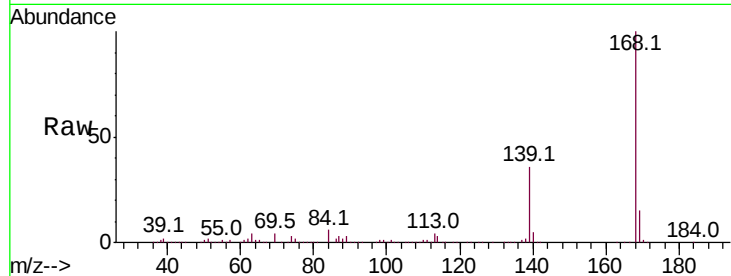
#55
Dibenzofuran
Concen: 50.949 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.1	42.1
169	14.6	11.5	17.3

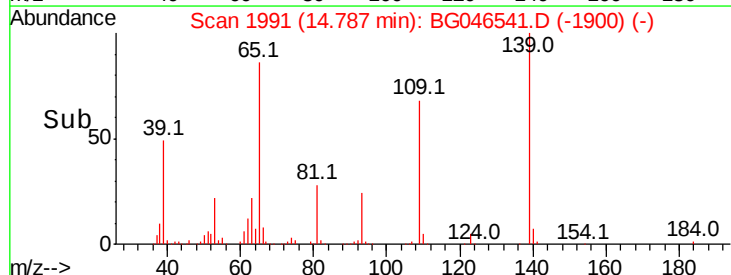
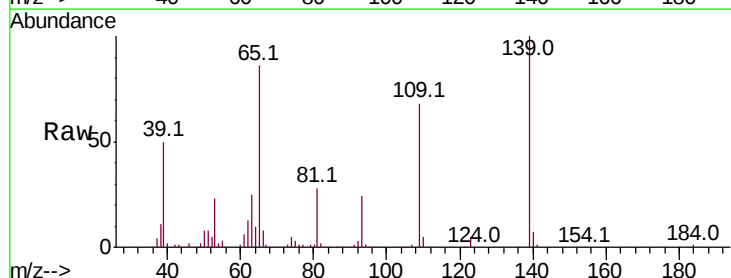
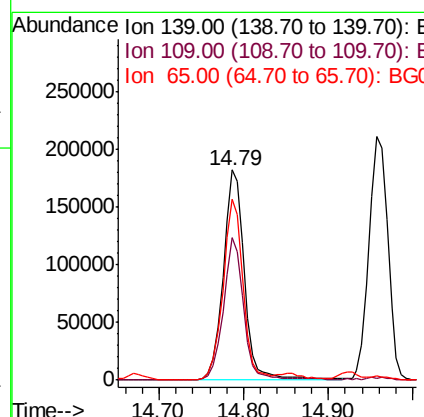
Manual Integrations
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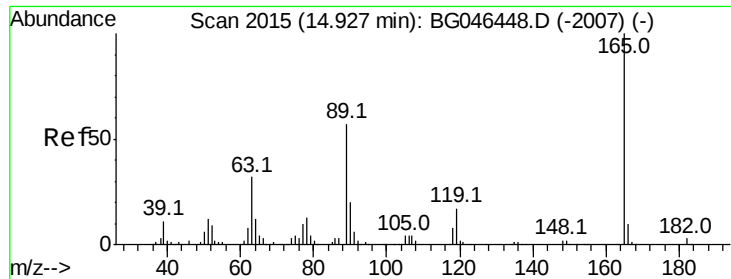
mohammad
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#56
4-Nitrophenol
Concen: 115.680 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.8	44.3	84.3
65	86.1	61.5	101.5





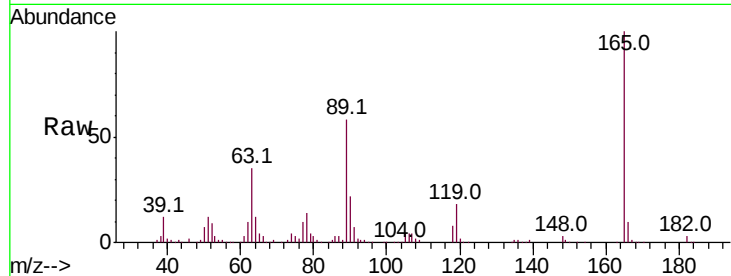
#57
2,4-Dinitrotoluene
Concen: 54.935 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

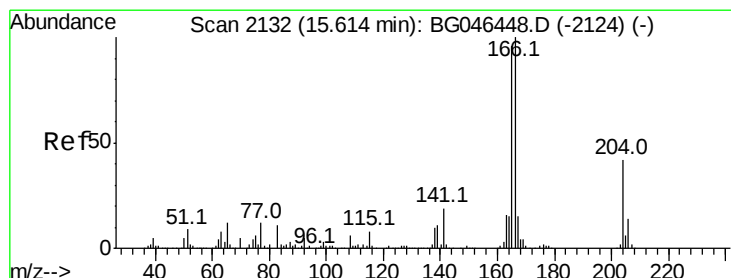
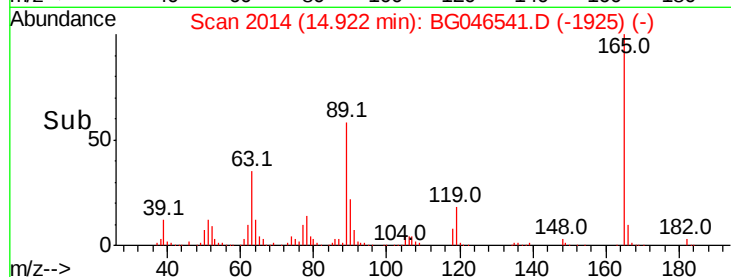
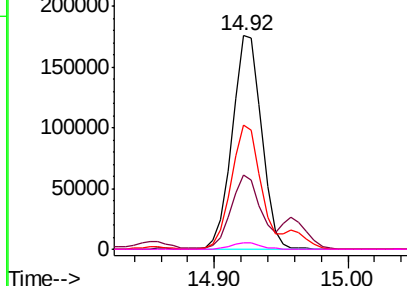
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.9	25.4	38.0
89	58.3	45.9	68.9
182	2.8	2.3	3.5

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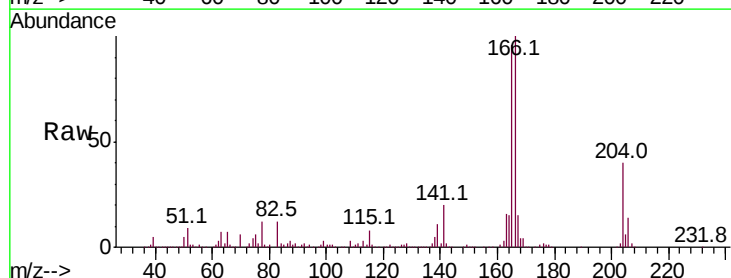


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

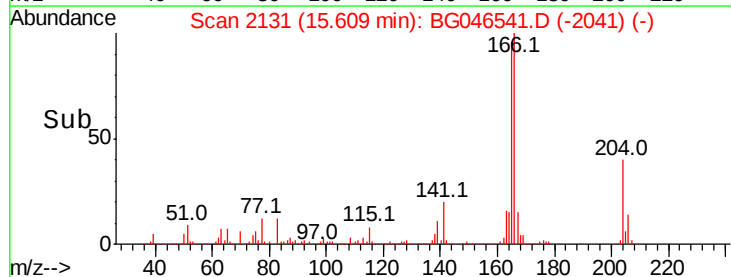
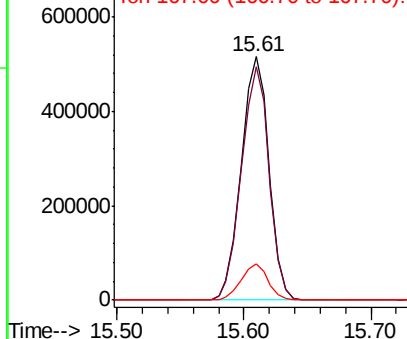


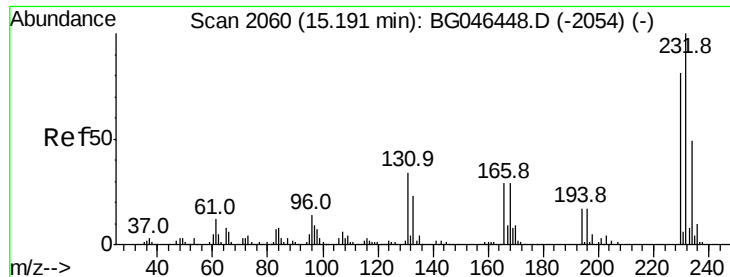
#58
Fluorene
Concen: 51.867 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.0	115.4
167	14.7	11.8	17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





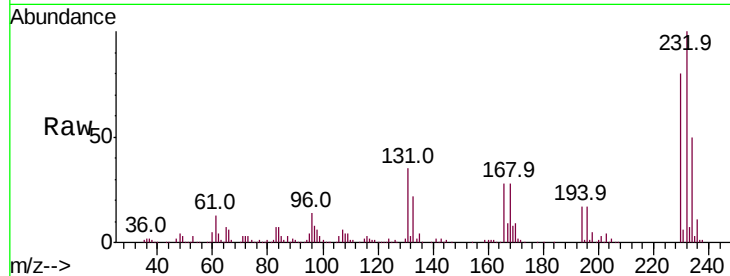
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.433 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	253844		
131	34.8		26.8	40.2
130	1.9		1.4	2.2
166	27.5		22.8	34.2

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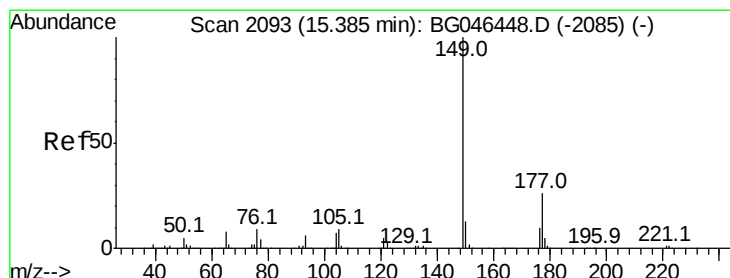
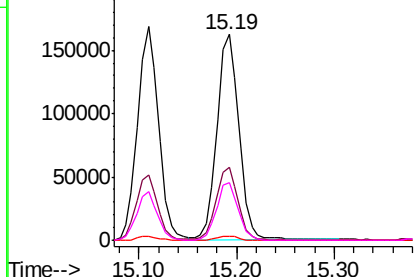
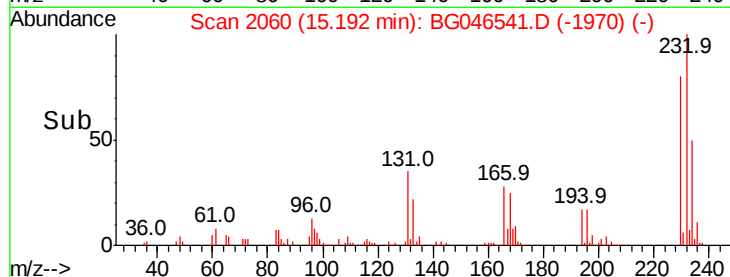
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

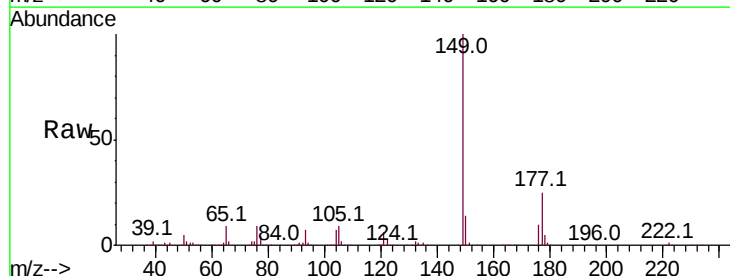
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 52.754 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802572		
177	25.5		20.6	30.8
150	13.6		10.3	15.5

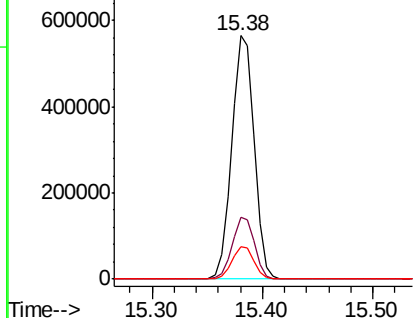
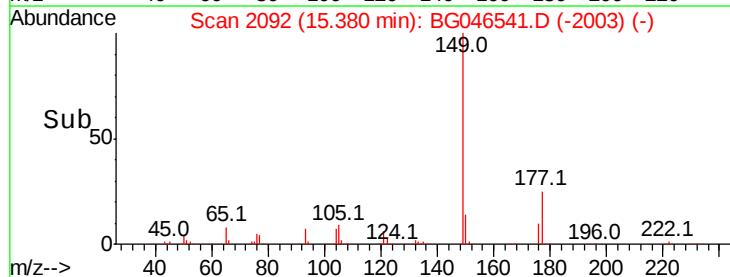


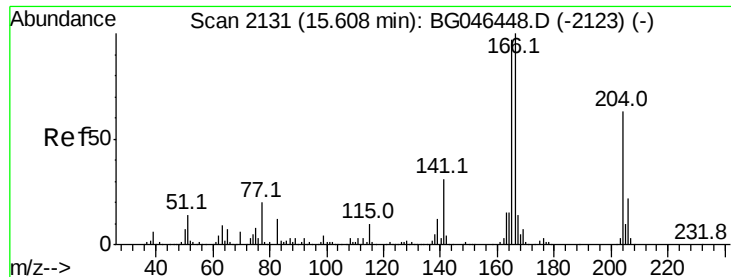
Abundance

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





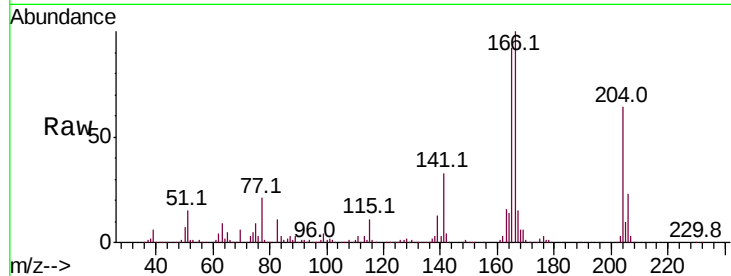
#61
4-Chlorophenyl-phenylether
Concen: 50.719 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.7	41.5
141	52.0	38.7	58.1

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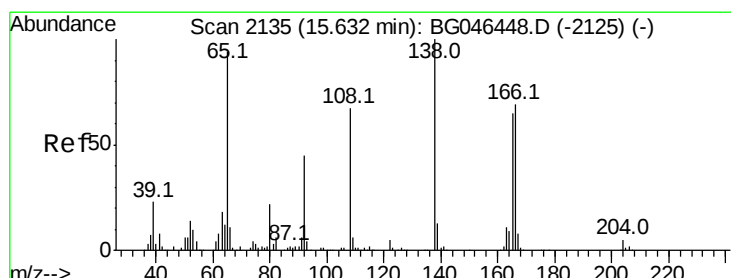
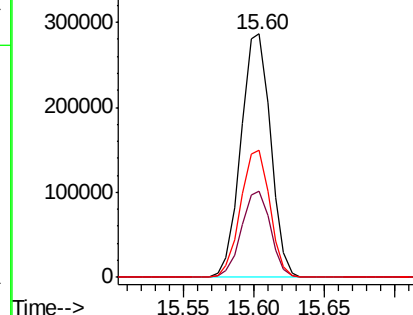
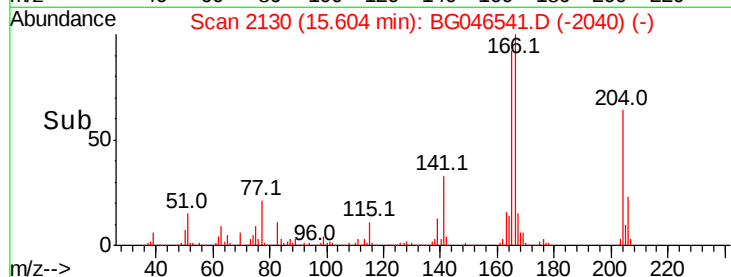


Abundance

Ion 204.00 (203.70 to 204.70): E

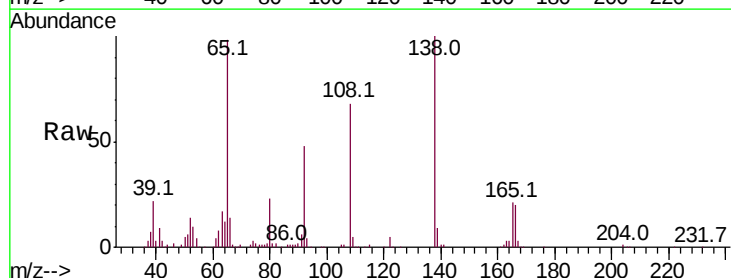
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.884 ng
RT: 15.63 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	25.3	65.3
108	68.1	46.7	86.7

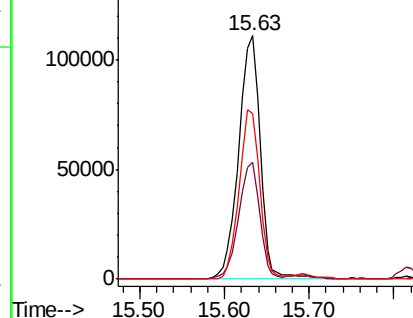
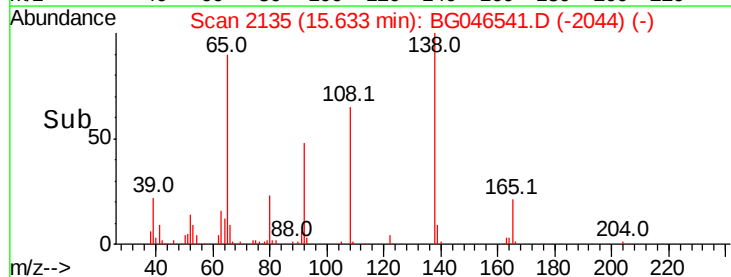


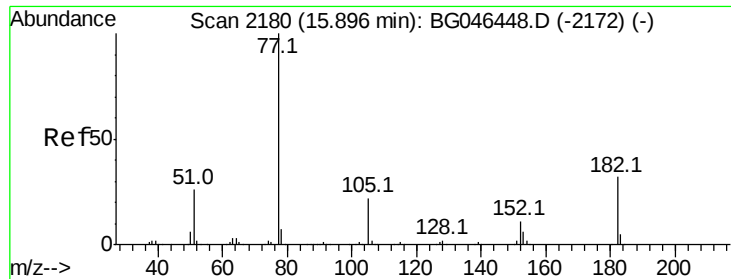
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





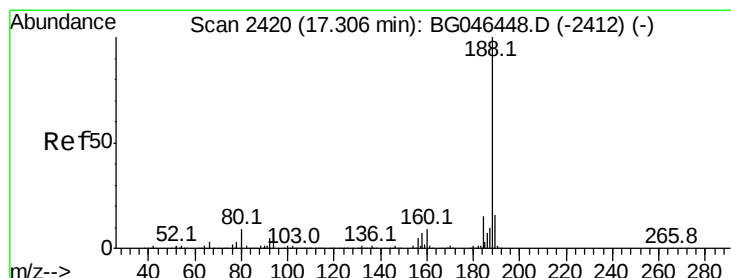
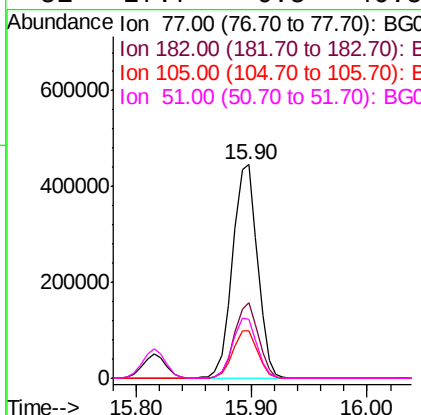
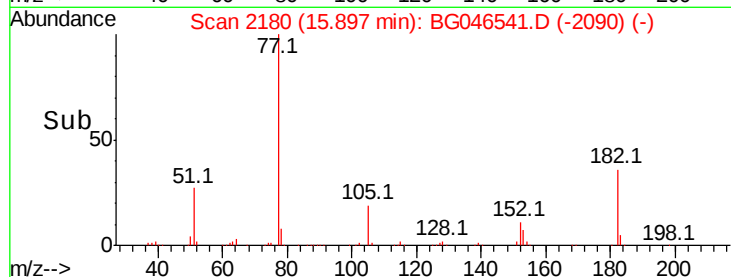
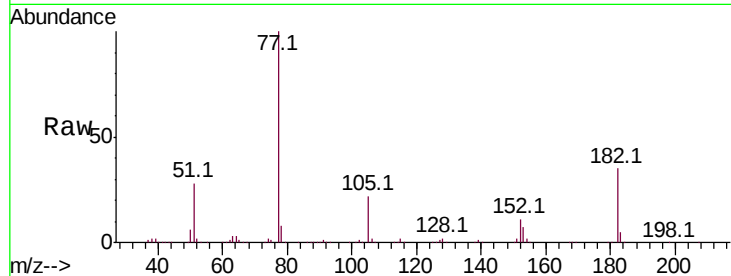
#63
Azobenzene
Concen: 53.777 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		665508		
182	35.2	12.3	52.3		
105	22.5	2.3	42.3		
51	27.7	6.5	46.5		

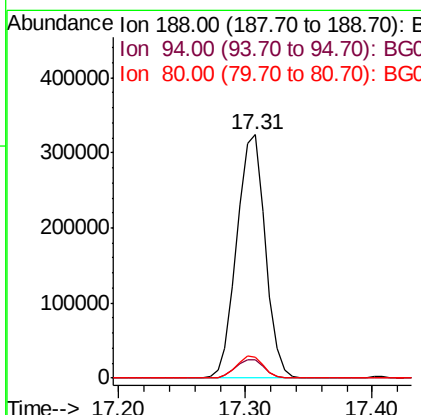
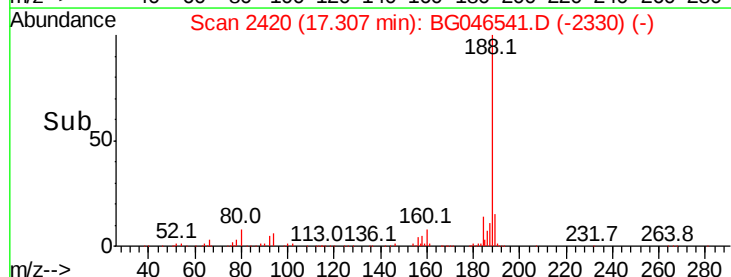
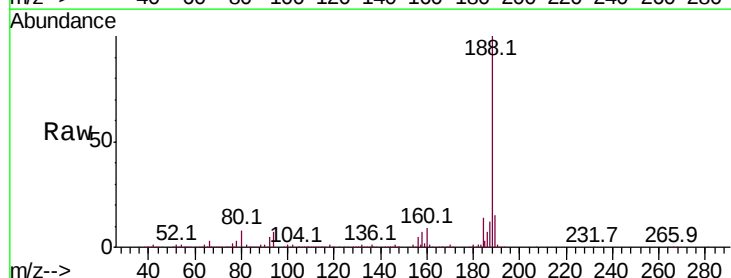
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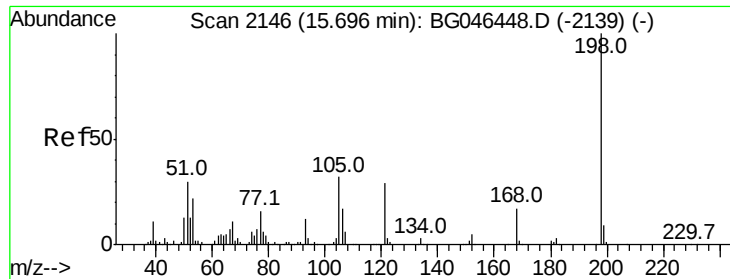
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		503312		
94	7.5	6.3	9.5		
80	8.4	6.9	10.3		





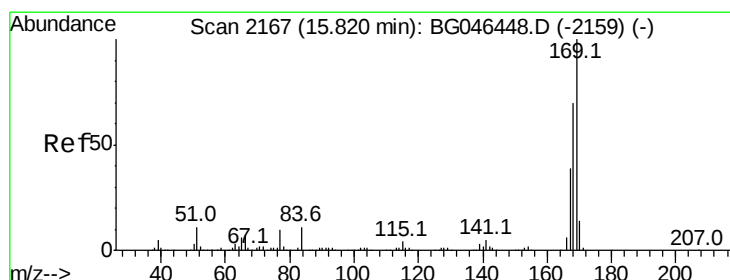
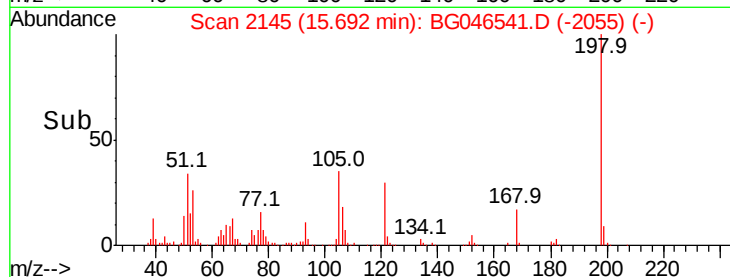
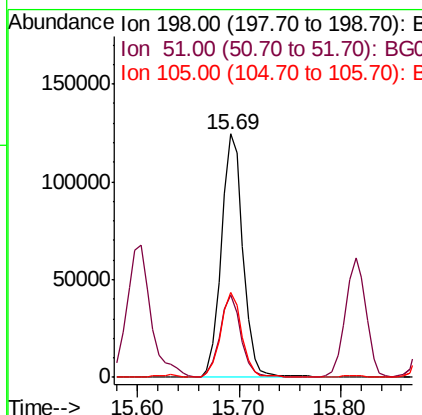
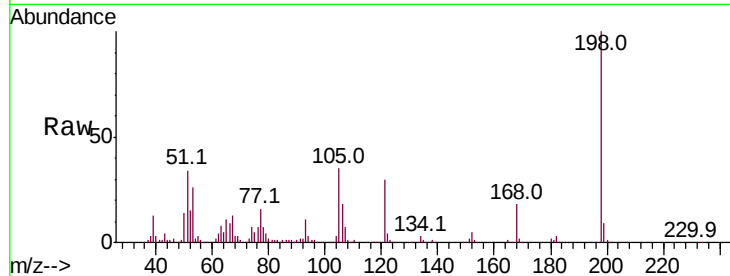
#65
4,6-Dinitro-2-methylphenol
Concen: 64.727 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	184393		
51	33.9	10.4	50.4	
105	34.8	12.4	52.4	

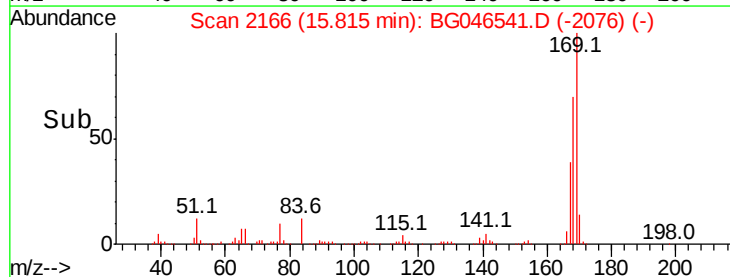
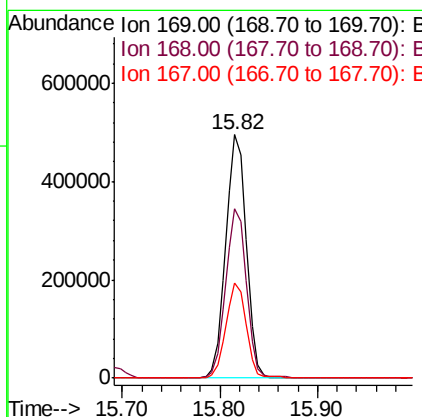
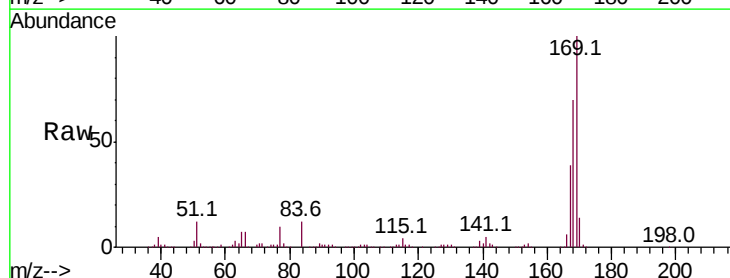
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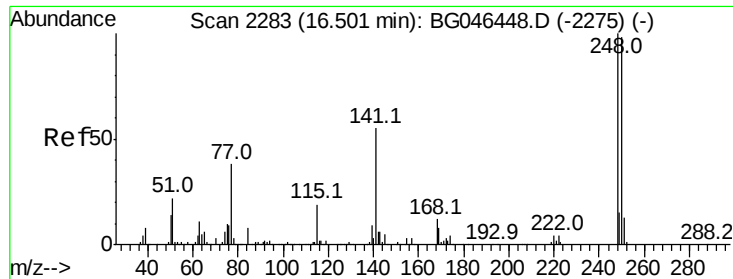
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 53.198 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	722339		
168	69.7	55.8	83.8	
167	39.0	31.0	46.6	





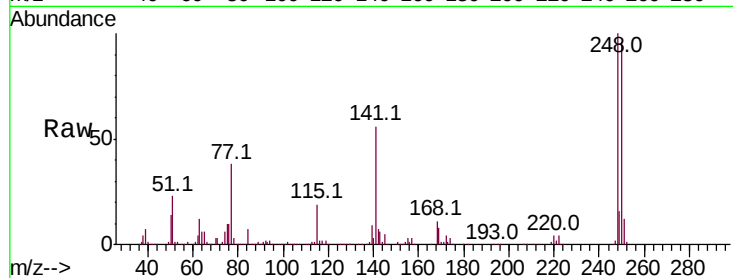
#67
4-Bromophenyl-phenylether
Concen: 51.597 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	118.0
141	56.0	43.9	65.9

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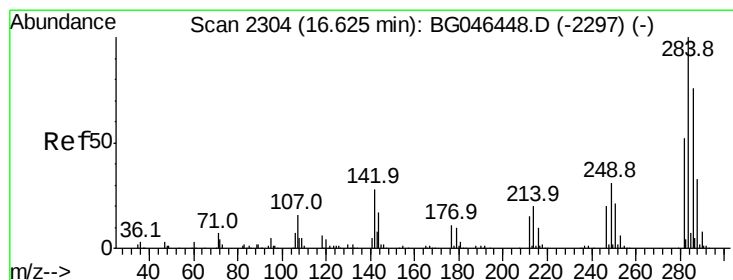
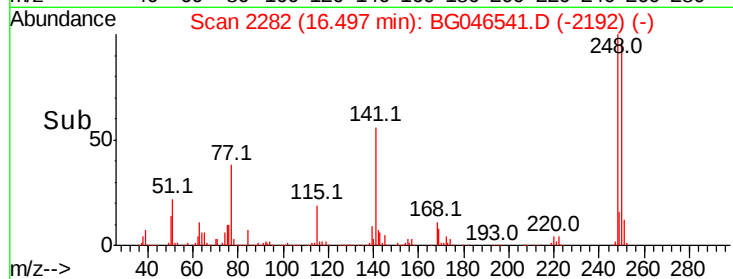
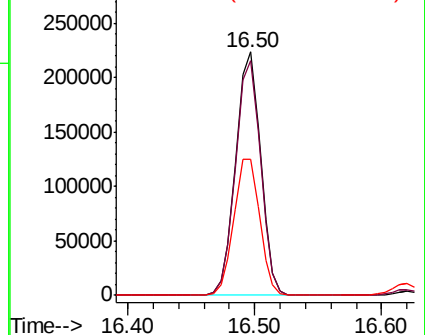


Abundance

Ion 248.00 (247.70 to 248.70): E

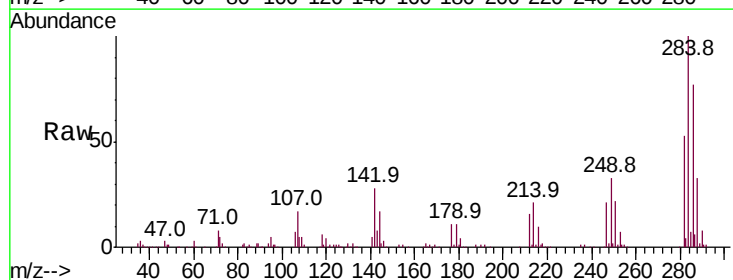
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.915 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.3	33.5
249	33.3	24.8	37.2

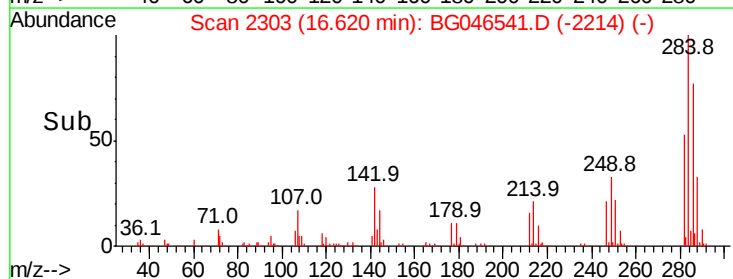
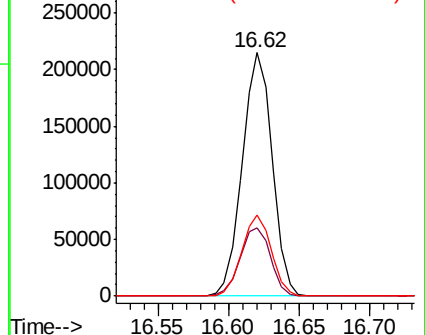


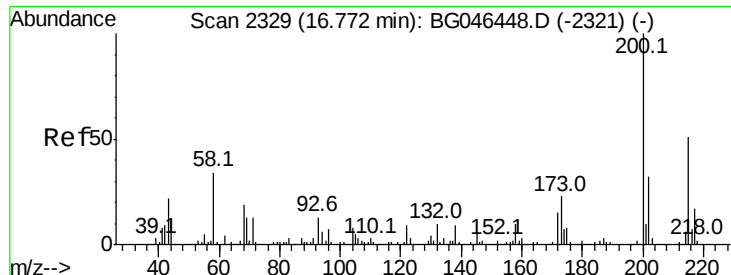
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





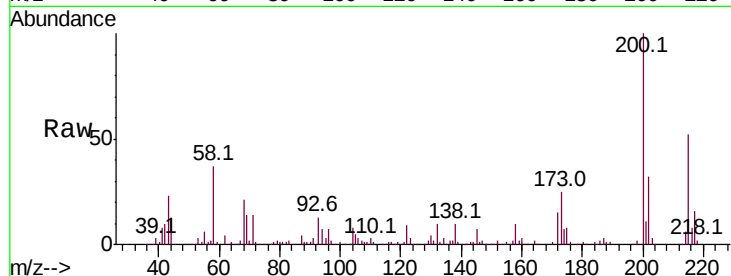
#69
Atrazine
Concen: 42.511 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	235481		
173	24.8	3.3	43.3	
215	51.8	30.9	70.9	

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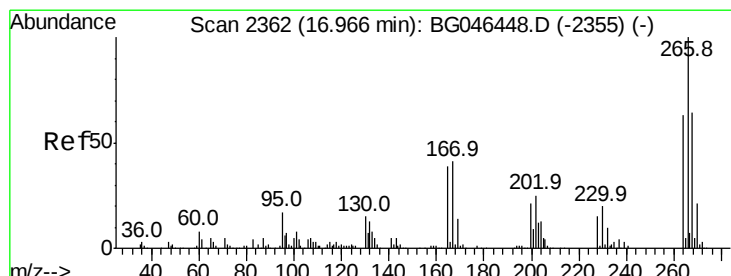
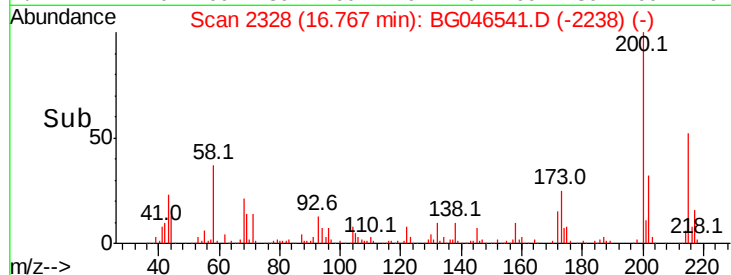
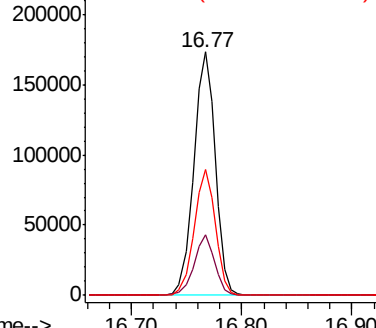


Abundance

Ion 200.00 (199.70 to 200.70): E

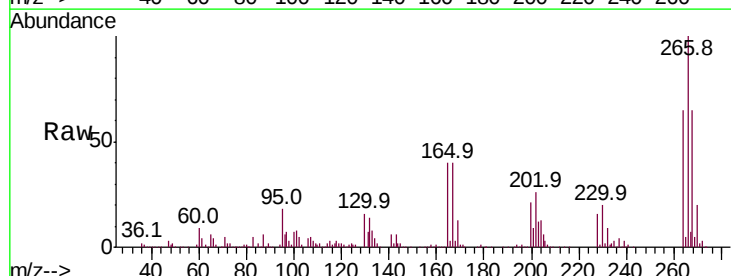
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 115.490 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	392409		
268	65.4	51.1	76.7	
264	64.8	50.2	75.2	

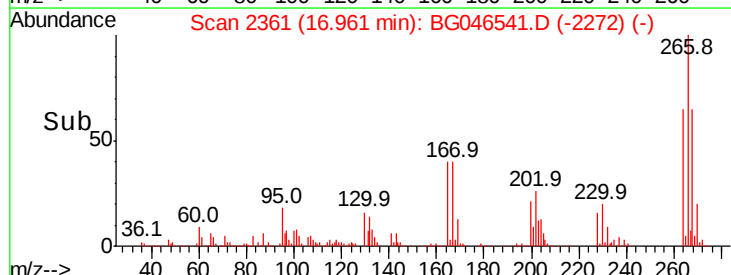
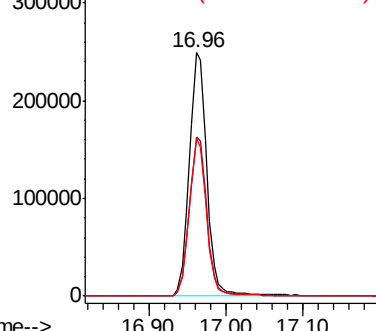


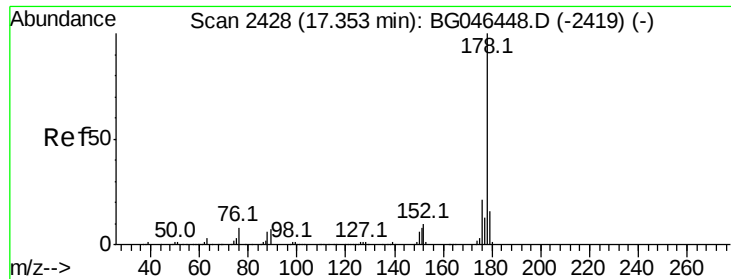
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





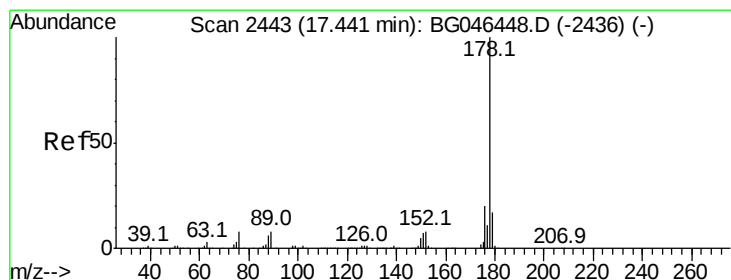
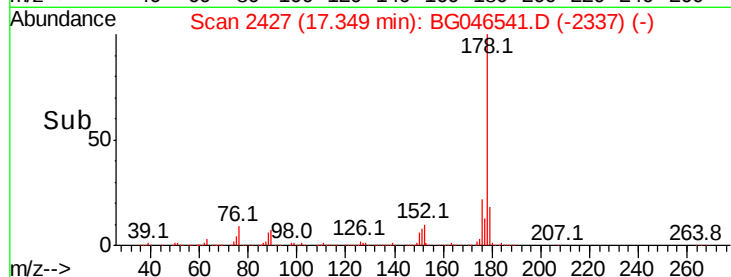
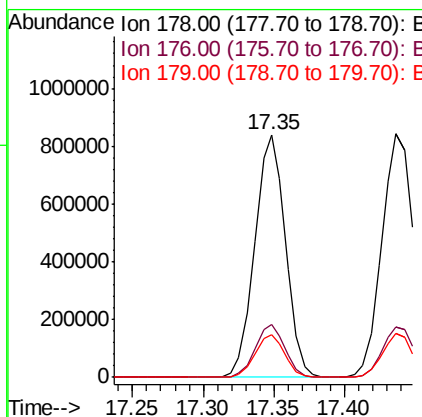
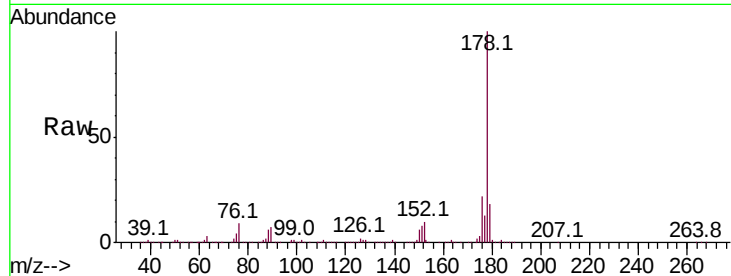
#71
Phenanthrene
Concen: 50.254 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:178 Resp: 1282043
Ion Ratio Lower Upper
178 100
176 21.7 16.8 25.2
179 17.5 13.2 19.8

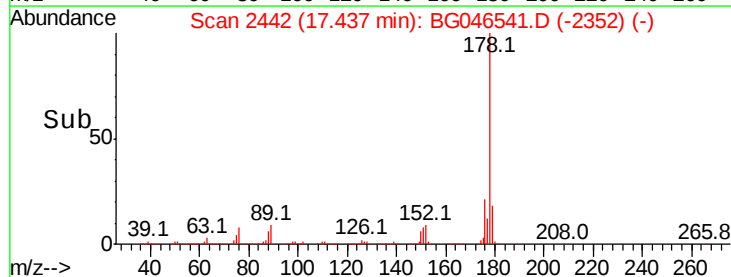
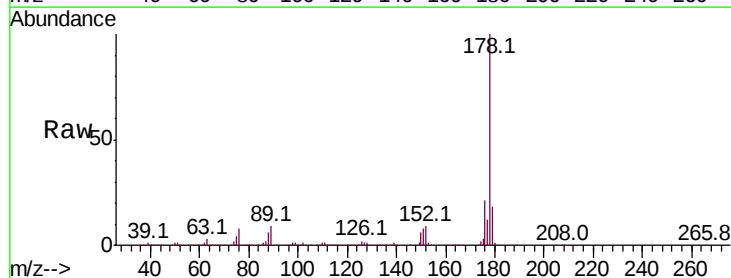
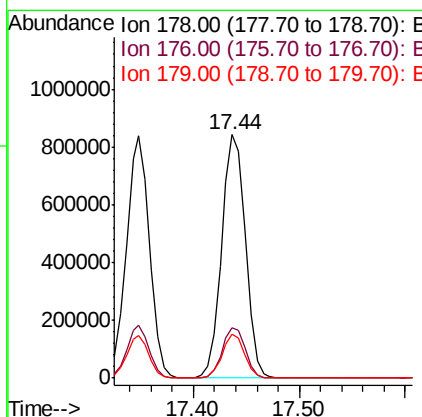
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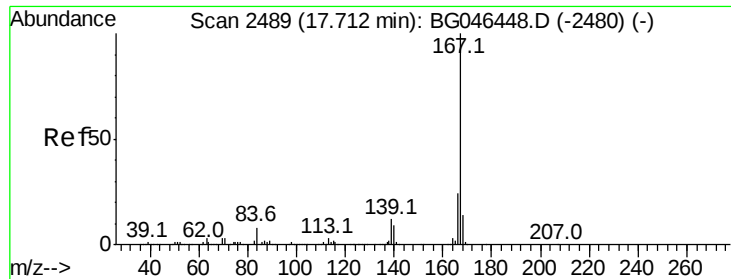
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#72
Anthracene
Concen: 52.154 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:178 Resp: 1312727
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 18.0 13.3 19.9





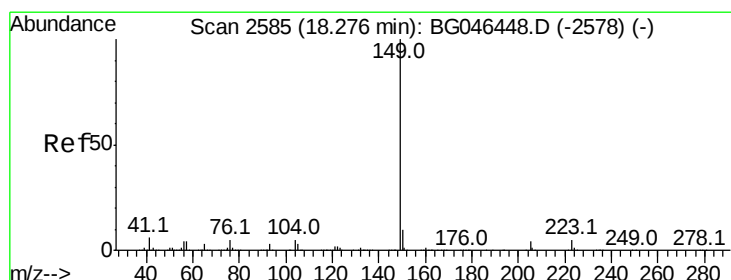
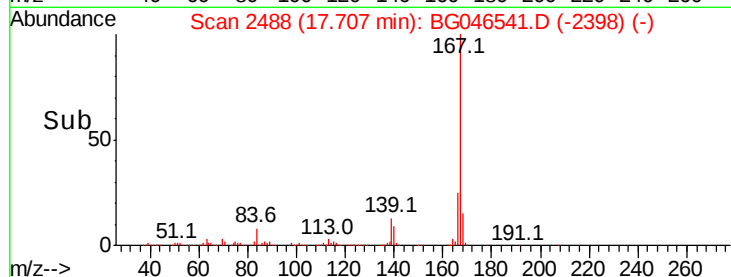
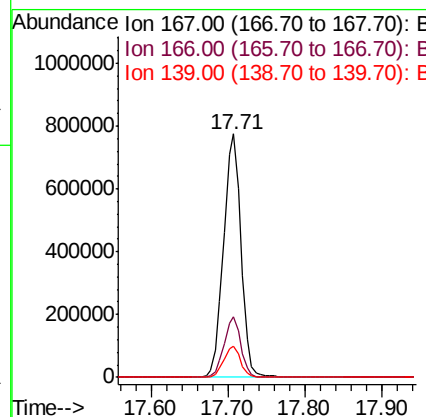
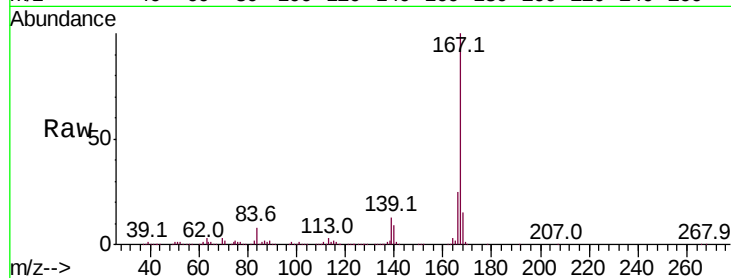
#73
 Carbazole
 Concen: 50.969 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.3	28.9
139	12.7	9.7	14.5

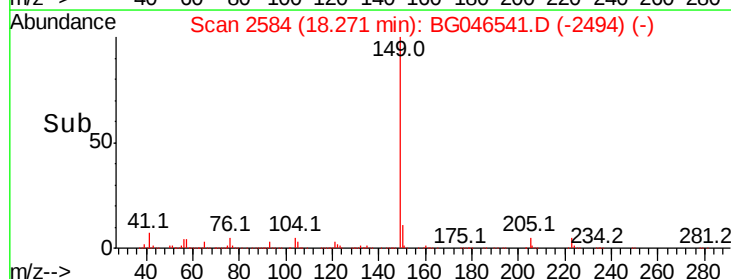
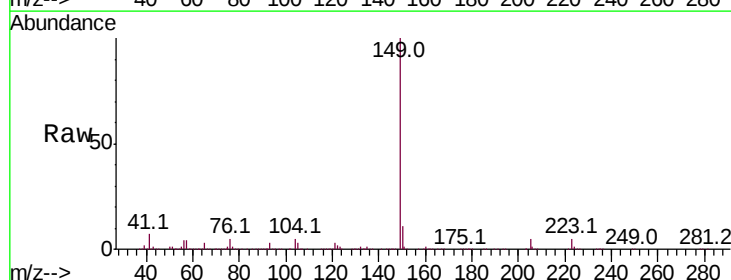
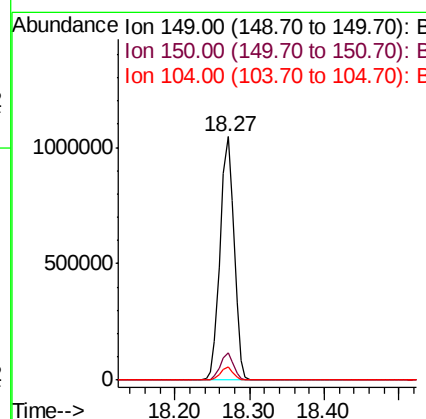
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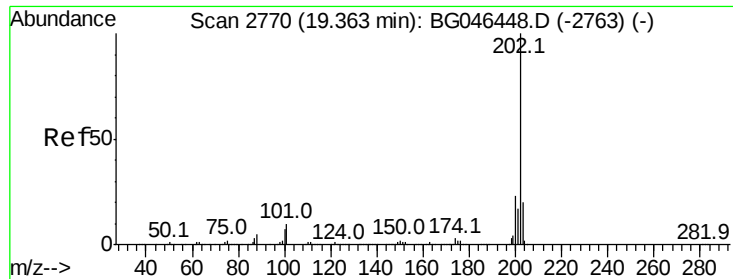
mohammad
 9/8/2020 1:45:13 PM



#74
 Di-n-butylphthalate
 Concen: 49.680 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.1	12.1
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 48.228 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

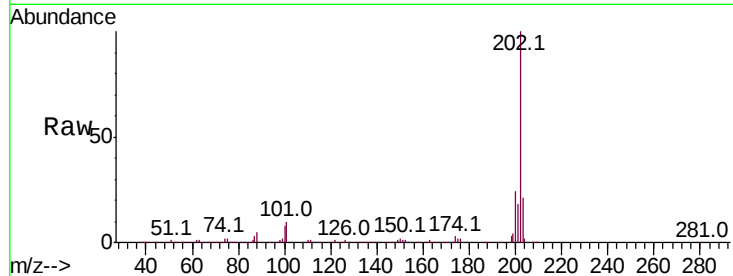
ClientSampleId :

AL-FALAH-5MS

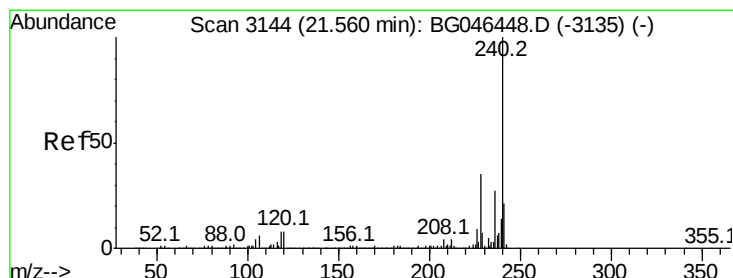
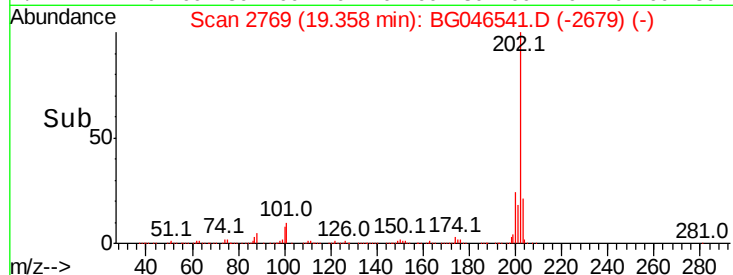
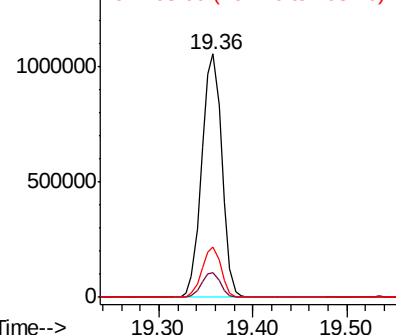
Tot Ion:	202	Resp:	1583357
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	29.9
203	20.6	0.0	40.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

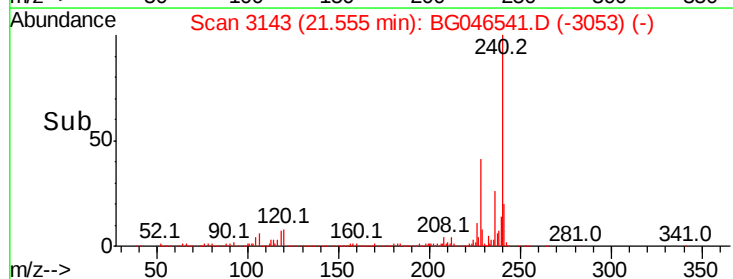
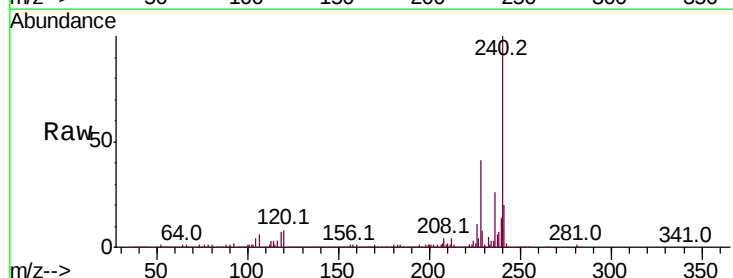
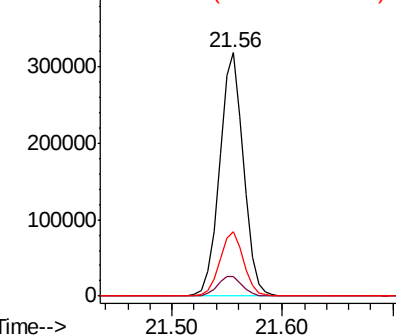
Delta R.T. 0.00 min

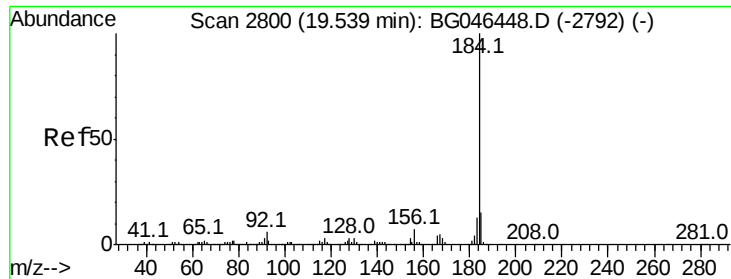
Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion:	240	Resp:	483080
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.6	10.0
236	26.5	21.4	32.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 94.502 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion:184 Resp: 1060808

Ion Ratio Lower Upper

184 100

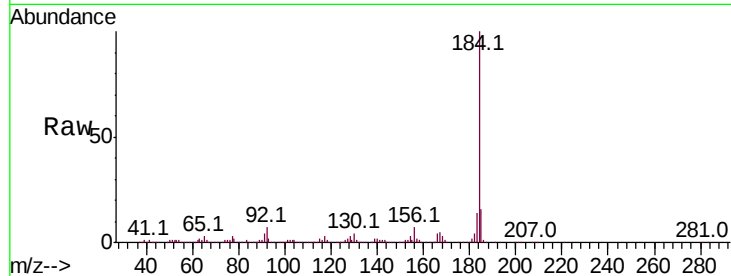
185 16.2 11.8 17.8

183 14.1 10.7 16.1

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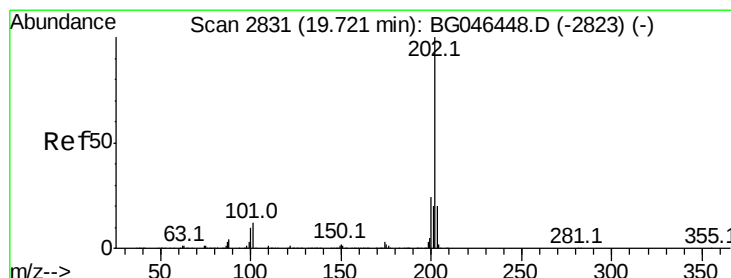
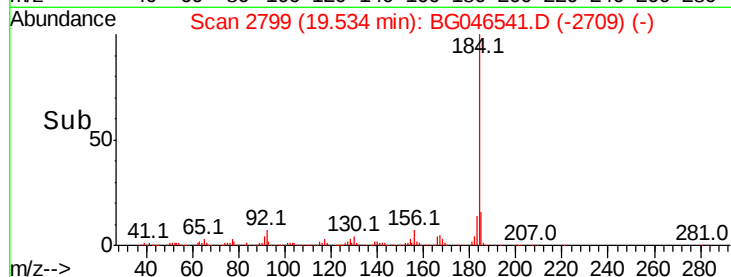
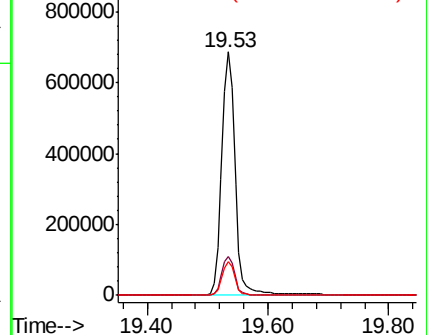
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.033 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

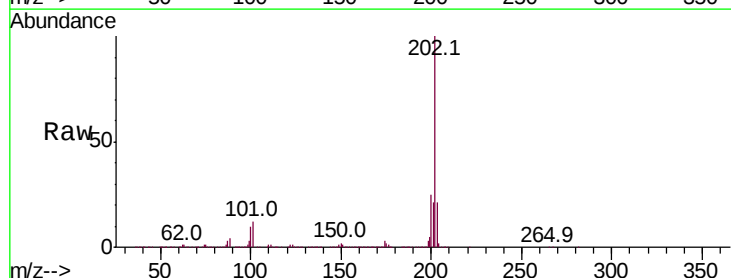
Tgt Ion:202 Resp: 1569878

Ion Ratio Lower Upper

202 100

200 24.5 18.9 28.3

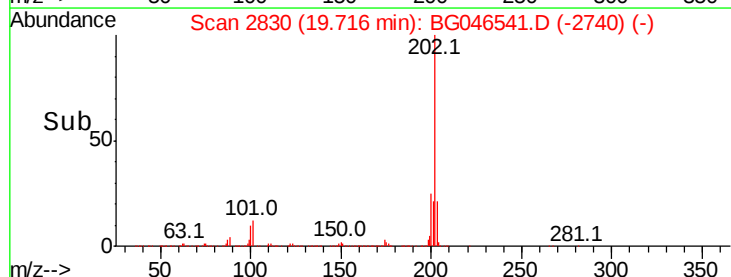
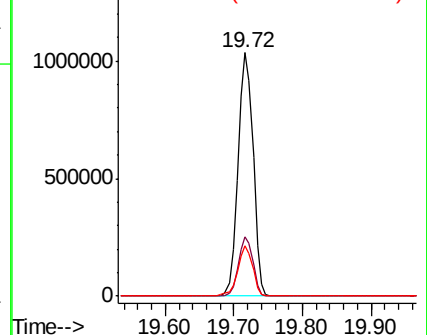
203 20.9 16.1 24.1

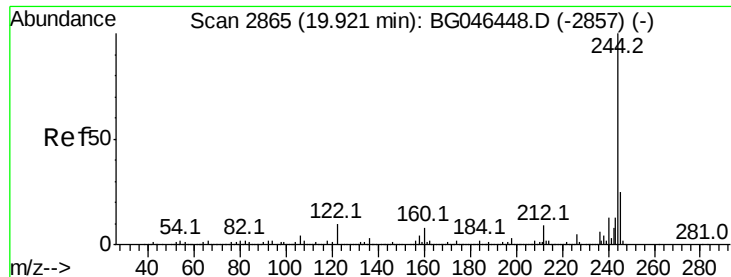


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.321 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion:244 Resp: 1255741

Ion Ratio Lower Upper

244 100

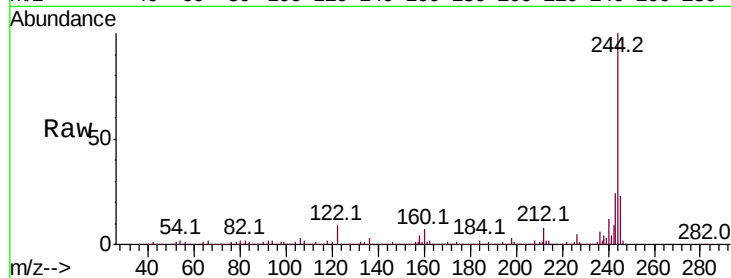
212 8.3 6.9 10.3

122 9.3 8.2 12.4

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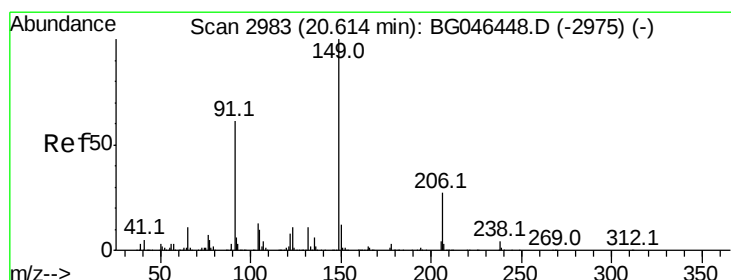
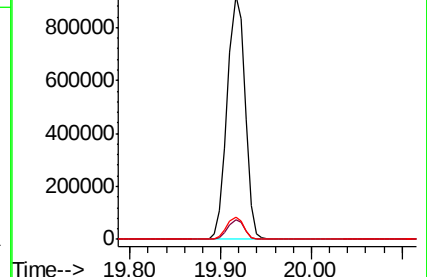
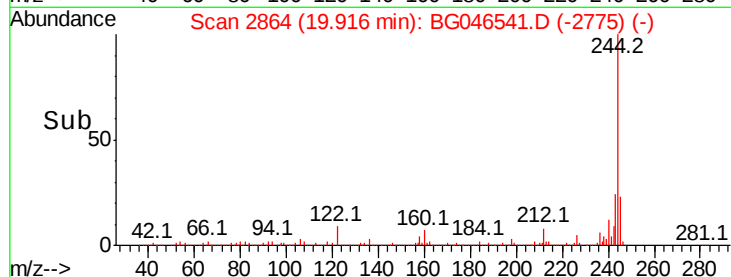
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.747 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

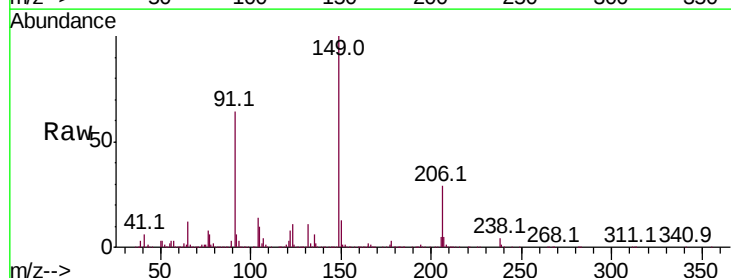
Tgt Ion:149 Resp: 620913

Ion Ratio Lower Upper

149 100

91 63.7 49.1 73.7

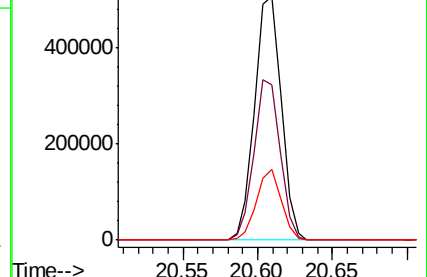
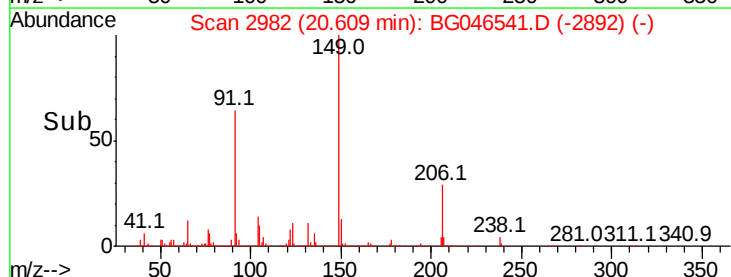
206 28.9 21.9 32.9

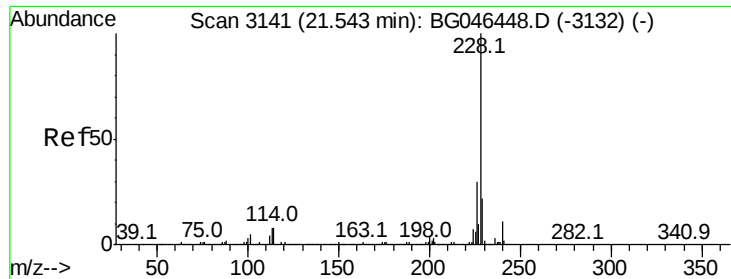


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





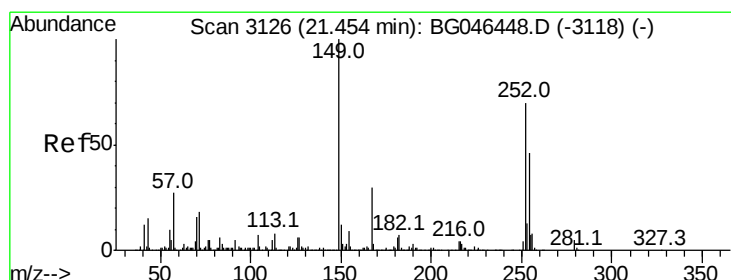
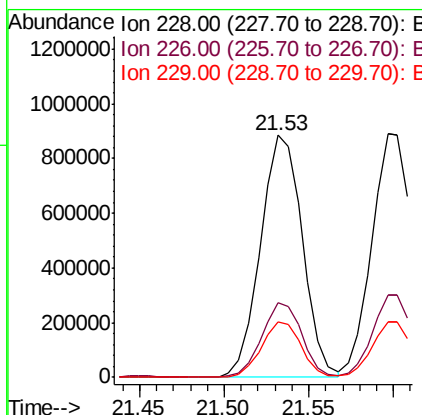
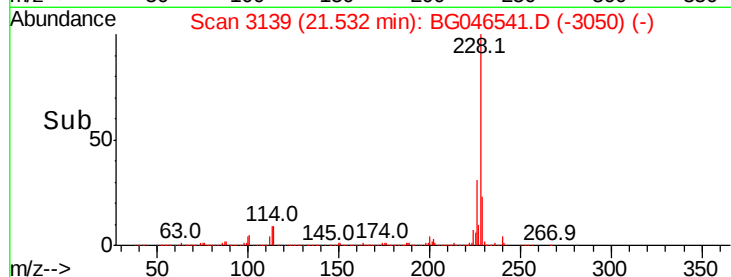
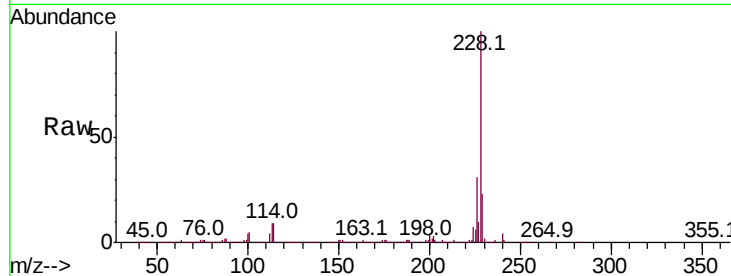
#81
Benzo(a)anthracene
Concen: 50.672 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	22.9	17.4	26.2

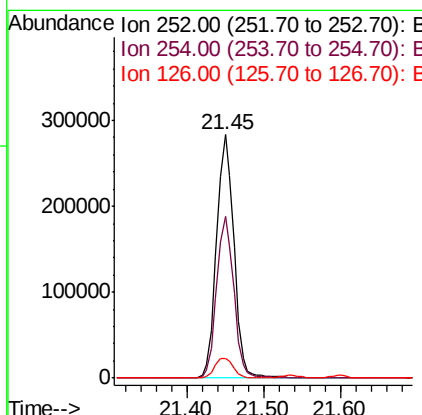
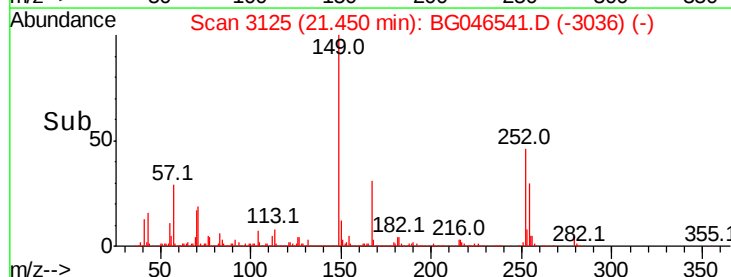
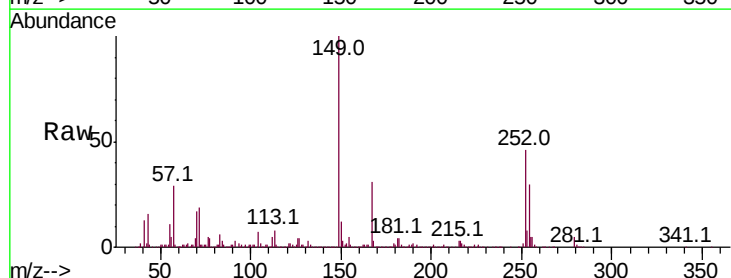
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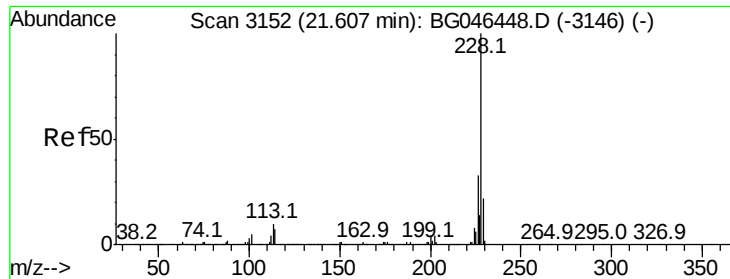
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.454 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.9	77.9
126	8.3	7.4	11.0





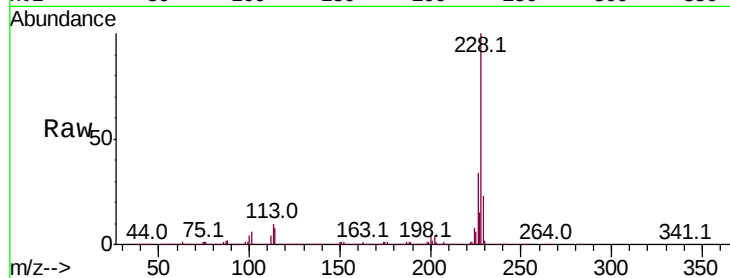
#83
Chrysene
Concen: 50.849 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	26.2	39.4
229	22.6	17.9	26.9

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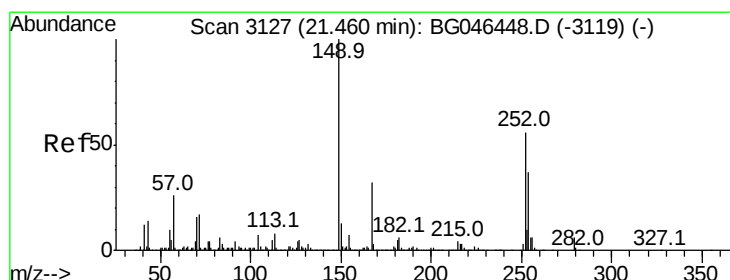
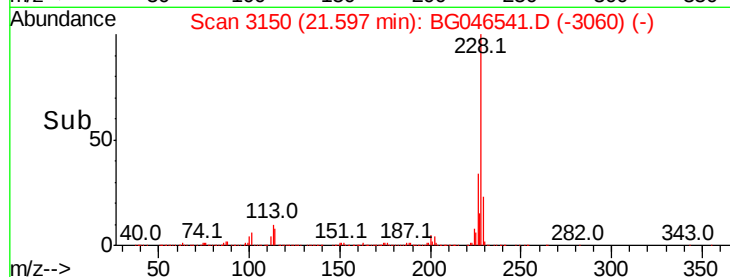
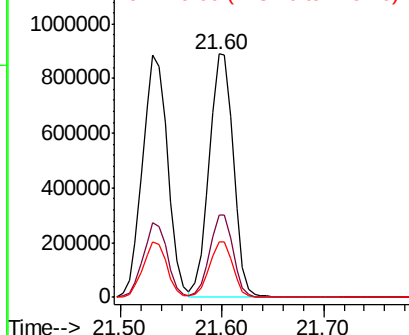


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.069 ng
RT: 21.46 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

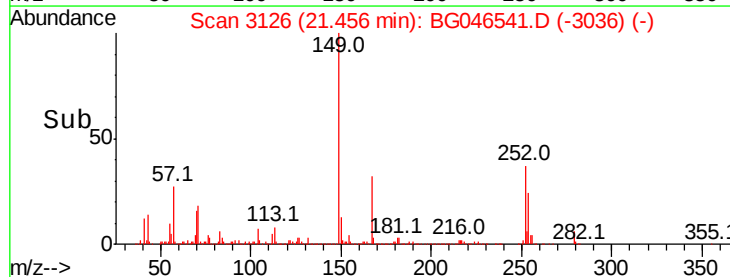
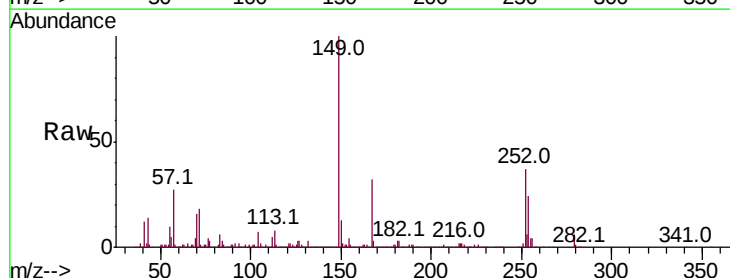
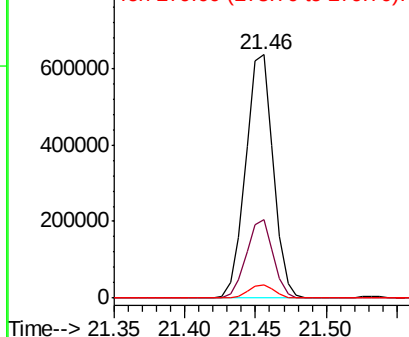
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.3	25.4	38.2
279	5.6	4.5	6.7

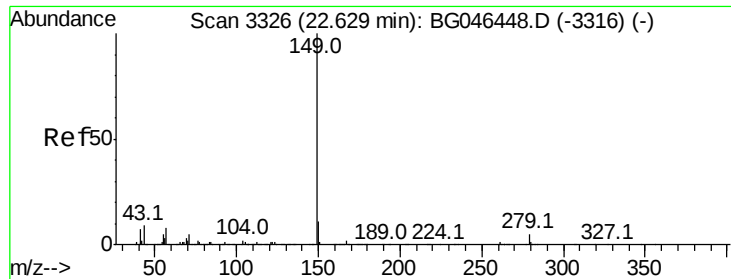
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.262 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion:149 Resp: 1493351

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

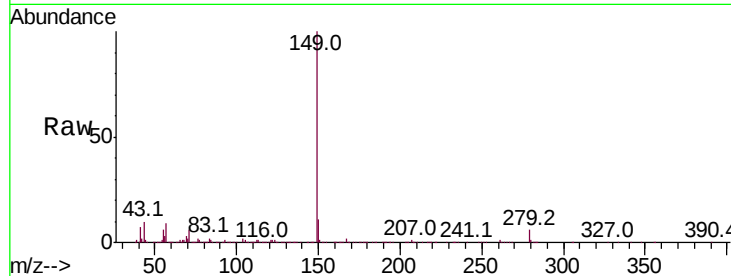
43 9.1 7.0 10.4

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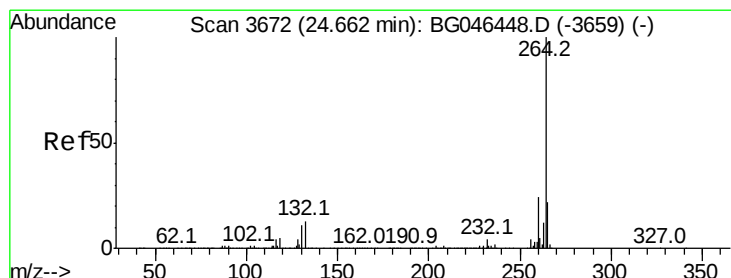
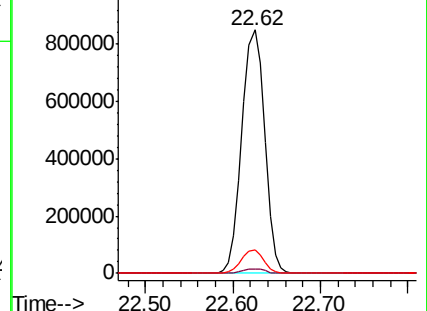
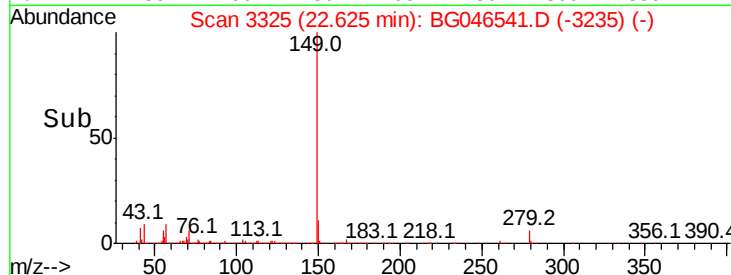
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

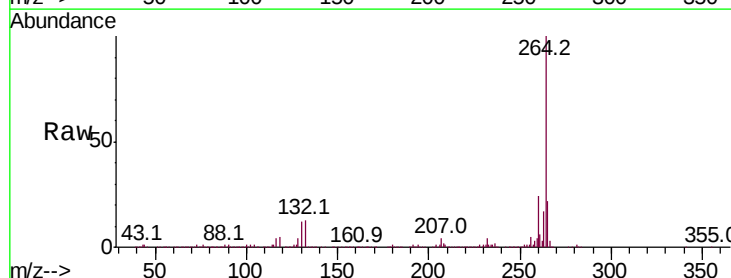
Tgt Ion:264 Resp: 491373

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

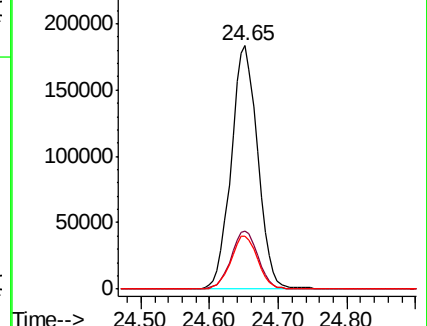
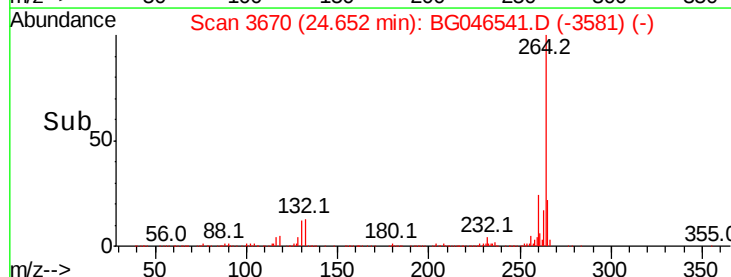
265 21.9 17.9 26.9

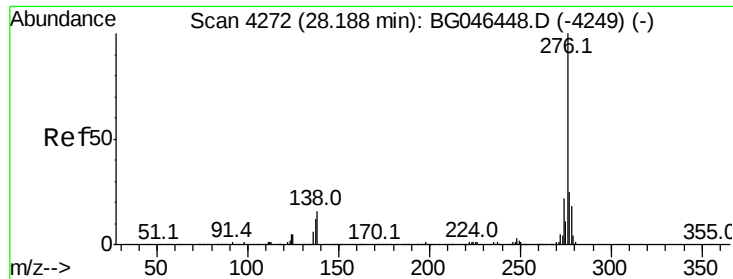


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





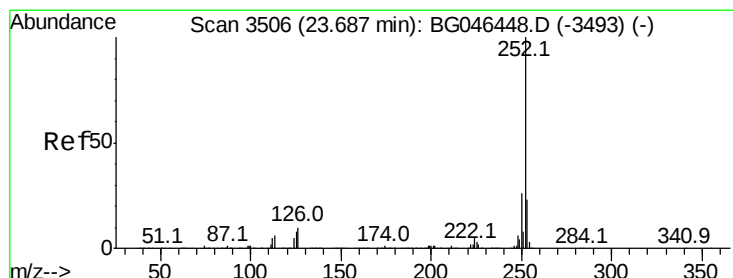
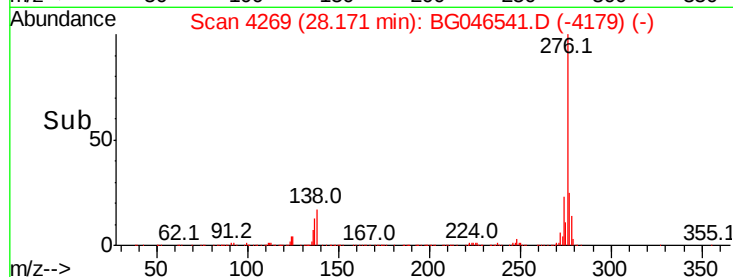
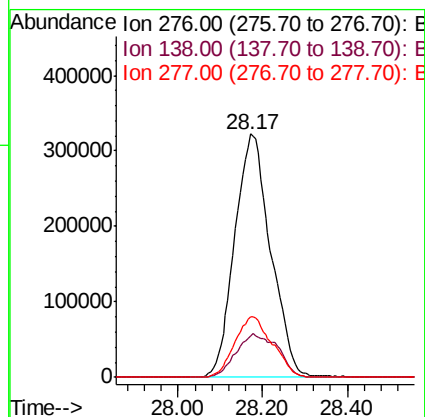
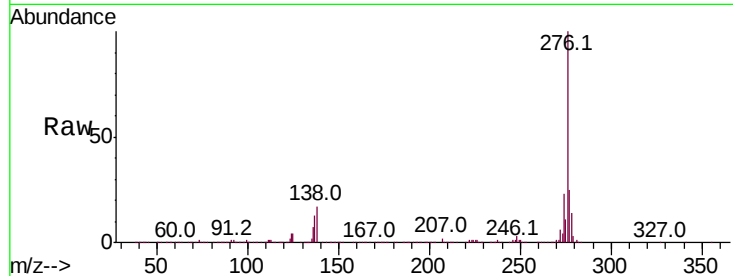
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.919 ng
RT: 28.17 min Scan# 4269
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	26.1	20.7	31.1

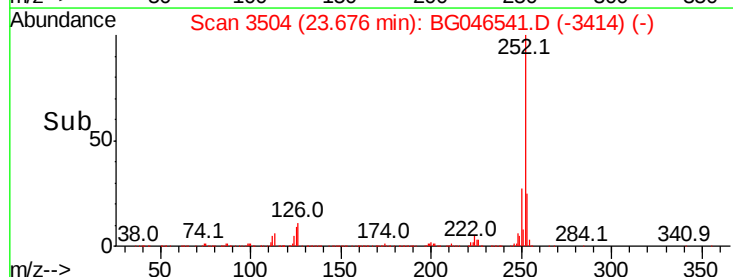
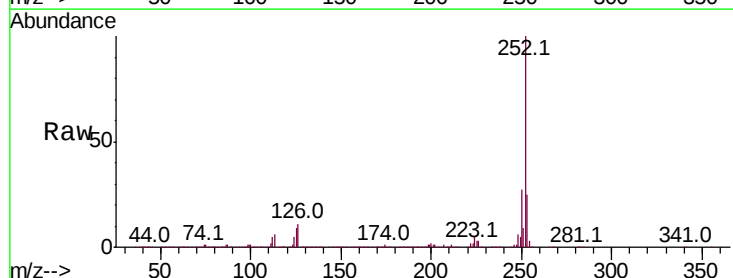
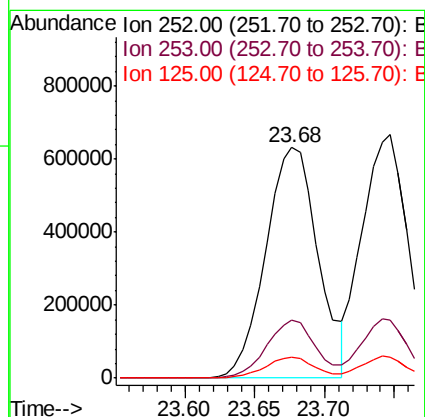
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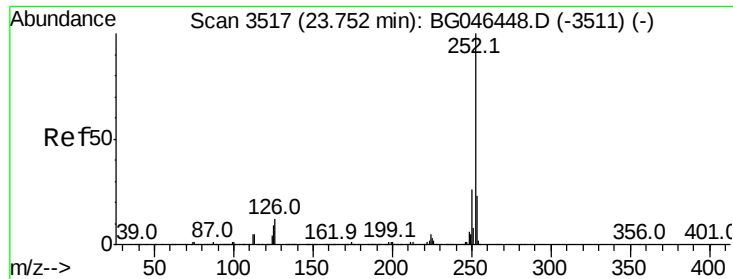
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.819 ng m
RT: 23.68 min Scan# 3504
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	9.3	6.2	9.2#





#89

Benzo(k)fluoranthene

Concen: 51.315 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

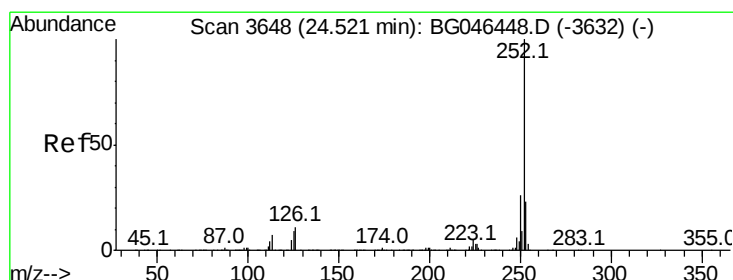
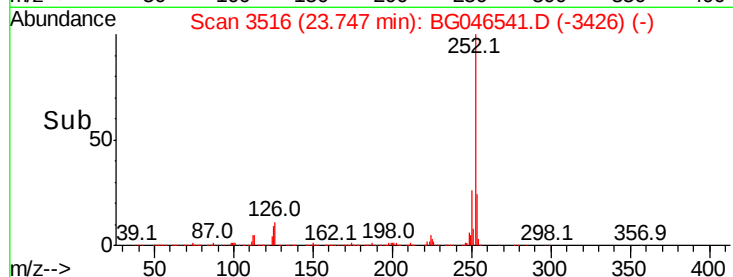
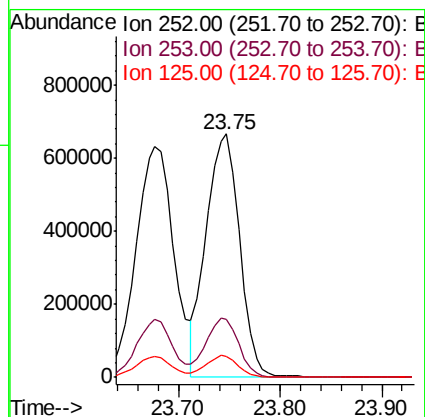
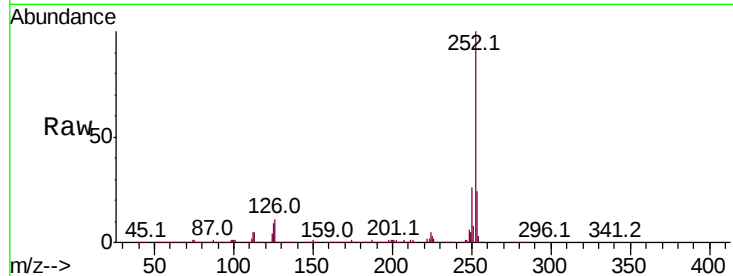
ClientSampleId :

AL-FALAH-5MS

Tot Ion:	252	Resp:	1521624
Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	8.5	6.8	10.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 51.745 ng

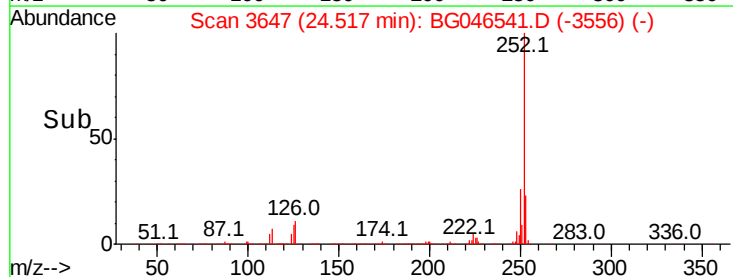
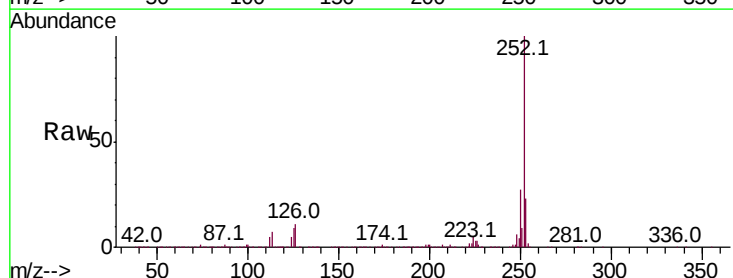
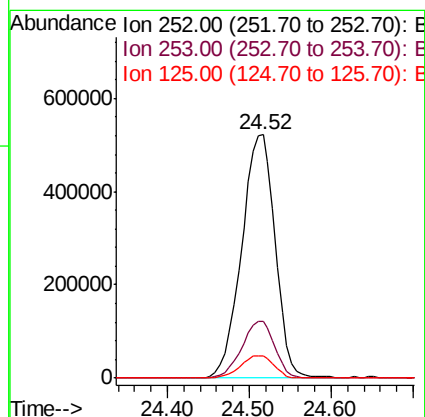
RT: 24.52 min Scan# 3647

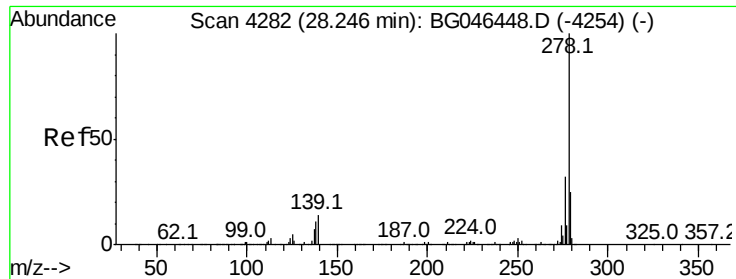
Delta R.T. 0.01 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion:	252	Resp:	1481617
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	9.2	7.4	11.0





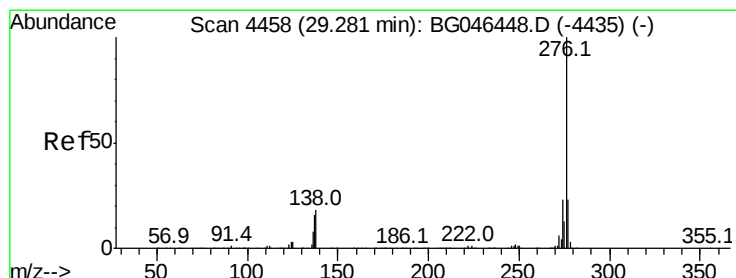
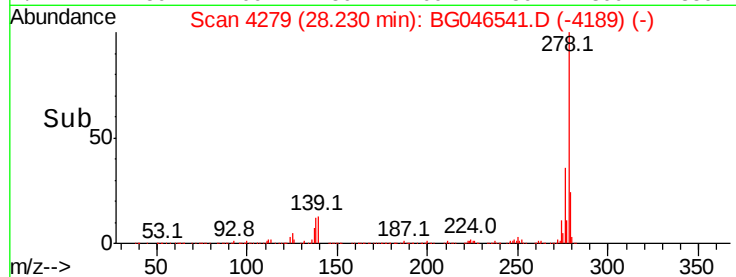
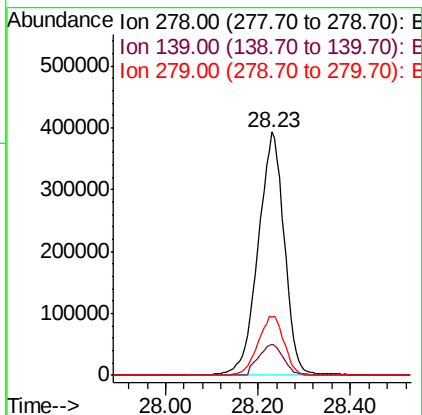
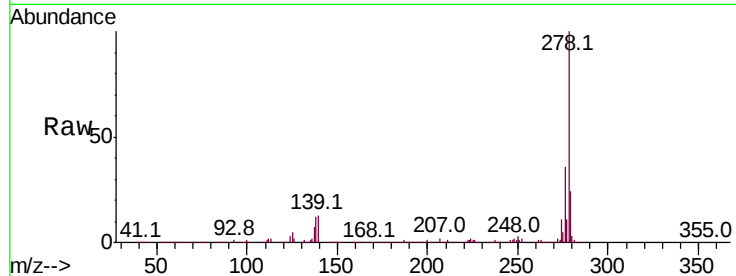
#91
Dibenzo(a,h)anthracene
Concen: 54.240 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.2	16.8
279	24.0	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/8/2020 1:45:13 PM



#92
Benzo(g,h,i)perylene
Concen: 55.993 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	18.1	14.7	22.1

