

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046542.D
 Acq On : 4 Sep 2020 15:57
 Operator : CG/JU
 Sample : L3894-09MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Manual Integrations
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Quant Time: Sep 04 17:00:55 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	78190	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	341964	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	244181	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	536692	20.00	ng	0.00
76) Chrysene-d12	21.55	240	502192	20.00	ng	0.00
86) Perylene-d12	24.66	264	510262	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	376549	85.30	ng	0.00
7) Phenol-d6	7.11	99	516205	82.49	ng	0.00
23) Nitrobenzene-d5	9.09	82	335473	56.07	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	239187	72.30	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	907413	56.73	ng	0.00
79) Terphenyl-d14	19.92	244	1296590	54.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	64383	35.055	ng	97
3) Pyridine	3.81	79	203499	37.870	ng	97
4) n-Nitrosodimethylamine	3.72	42	104155	52.553	ng	98
6) Aniline	7.25	93	379604	53.904	ng	97
8) 2-Chlorophenol	7.50	128	273214	58.557	ng	100
9) Benzaldehyde	7.07	77	167212	47.691	ng	93
10) Phenol	7.13	94	346861	60.177	ng	96
11) bis(2-Chloroethyl)ether	7.35	93	246344	53.170	ng	98
12) 1,3-Dichlorobenzene	7.82	146	287540	48.540	ng	99
13) 1,4-Dichlorobenzene	7.96	146	288410	48.632	ng	99
14) 1,2-Dichlorobenzene	8.28	146	285349	50.181	ng	99
15) Benzyl Alcohol	8.17	79	246195	61.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	379964	52.871	ng	98
17) 2-Methylphenol	8.38	107	248038	60.678	ng	98
18) Hexachloroethane	9.01	117	99440	49.453	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	215177	57.482	ng	97
20) 3+4-Methylphenols	8.70	107	342775	60.751	ng	99
22) Acetophenone	8.75	105	398000	47.813	ng	# 98
24) Nitrobenzene	9.13	77	300620	50.858	ng	99
25) Isophorone	9.66	82	596639	54.392	ng	100
26) 2-Nitrophenol	9.84	139	168239	53.946	ng	94
27) 2,4-Dimethylphenol	9.91	122	275297	64.181	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	356473	50.490	ng	98
29) 2,4-Dichlorophenol	10.38	162	318028	55.618	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	320802	47.284	ng	99
31) Naphthalene	10.78	128	825041	49.413	ng	98
32) Benzoic acid	10.08	122	154589	48.255	ng	97
33) 4-Chloroaniline	10.88	127	293457	39.858	ng	99
34) Hexachlorobutadiene	11.07	225	204682	46.474	ng	99
35) Caprolactam	11.67	113	108916m	50.957	ng	
36) 4-Chloro-3-methylphenol	12.02	107	322430	57.652	ng	96
37) 2-Methylnaphthalene	12.39	142	674734	51.239	ng	99
38) 1-Methylnaphthalene	12.61	142	637292	51.092	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	402413	49.976	ng	99

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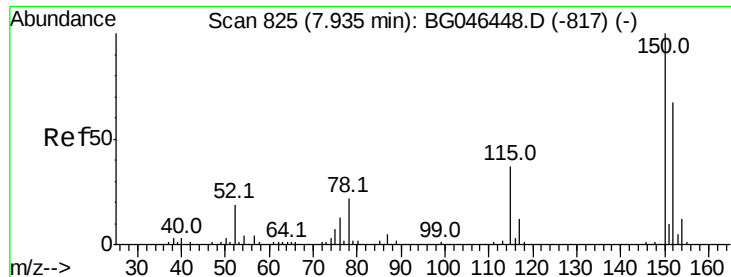
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	477795	136.463	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	289147	53.212	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	310966	54.468	nq	98
46) 1,1'-Biphenyl	13.39	154	879839	51.790	nq	98
47) 2-Chloronaphthalene	13.43	162	696009	48.320	nq	100
48) 2-Nitroaniline	13.63	65	201732	50.437	nq	96
49) Acenaphthylene	14.28	152	1095027	50.116	nq	99
50) Dimethylphthalate	14.02	163	1010790	53.506	nq	98
51) 2,6-Dinitrotoluene	14.13	165	217336	52.191	nq	99
52) Acenaphthene	14.63	154	674716	49.831	nq	99
53) 3-Nitroaniline	14.46	138	172356	38.210	nq	98
54) 2,4-Dinitrophenol	14.67	184	266391	109.594	nq	98
55) Dibenzofuran	14.96	168	1061565	48.854	nq	97
56) 4-Nitrophenol	14.79	139	326501	98.352	nq	97
57) 2,4-Dinitrotoluene	14.93	165	294331	49.570	nq	99
58) Fluorene	15.61	166	884084	48.476	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	278966	50.318	nq	99
60) Diethylphthalate	15.39	149	880362	47.797	nq	97
61) 4-Chlorophenyl-phenylether	15.60	204	491222	48.906	nq	97
62) 4-Nitroaniline	15.63	138	206161	43.316	nq	96
63) Azobenzene	15.90	77	750659	50.102	nq	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	193940	63.844	nq	100
66) n-Nitrosodiphenylamine	15.82	169	797103	55.053	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	333393	53.245	nq	97
68) Hexachlorobenzene	16.62	284	348929	50.318	nq	97
69) Atrazine	16.77	200	242758	41.099	nq	99
70) Pentachlorophenol	16.97	266	410866	113.402	nq	99
71) Phenanthrene	17.35	178	1360333	50.006	nq	97
72) Anthracene	17.44	178	1380676	51.442	nq	97
73) Carbazole	17.71	167	1237953	48.852	nq	98
74) Di-n-butylphthalate	18.27	149	1399600	48.031	nq	98
75) Fluoranthene	19.36	202	1640884	46.872	nq	99
77) Benzidine	19.53	184	1104364	94.638	nq	97
78) Pyrene	19.72	202	1618200	50.602	nq	98
80) Butylbenzylphthalate	20.61	149	649998	52.110	nq	97
81) Benzo(a)anthracene	21.54	228	1576021	50.350	nq	98
82) 3,3'-Dichlorobenzidine	21.45	252	493191	42.457	nq	98
83) Chrysene	21.60	228	1532439	50.895	nq	98
84) Bis(2-ethylhexyl)phthalate	21.45	149	890233	52.298	nq	99
85) Di-n-octyl phthalate	22.62	149	1562109	53.594	nq	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1980362	54.037	nq	99
88) Benzo(b)fluoranthene	23.68	252	1706392	53.557	nq	97
89) Benzo(k)fluoranthene	23.75	252	1608375	52.233	nq	98
90) Benzo(a)pyrene	24.52	252	1548963	52.095	nq	99
91) Dibenzo(a,h)anthracene	28.23	278	1609699	54.430	nq	98
92) Benzo(g,h,i)perylene	29.27	276	1652263	55.948	nq	98

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



#1

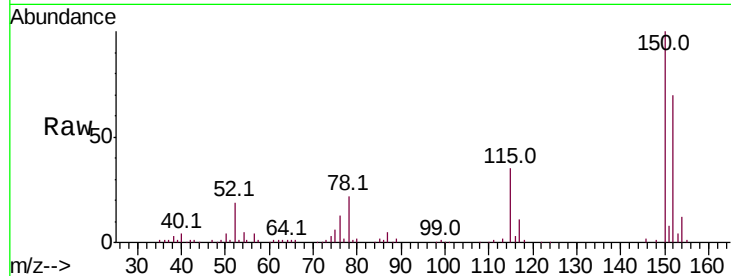
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

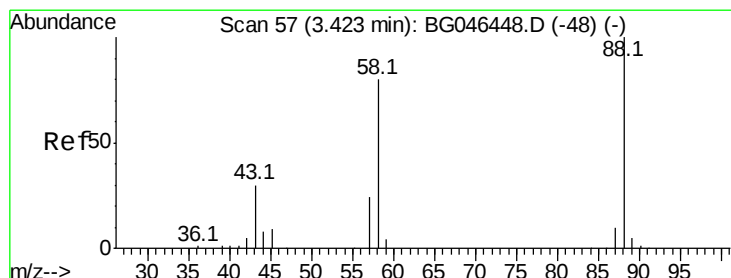
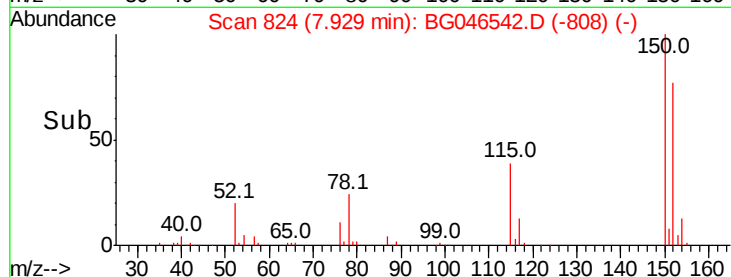
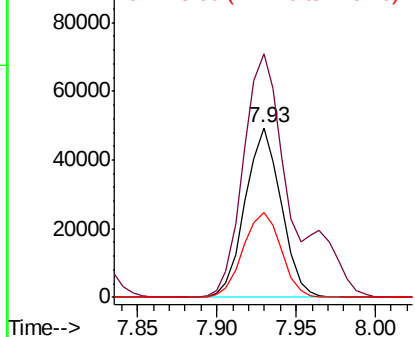
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	119.5	179.3
115	49.8	44.3	66.5

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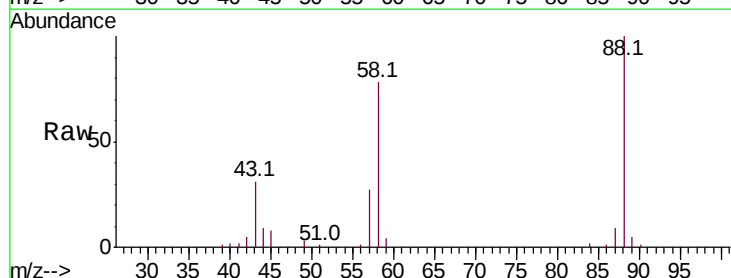
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



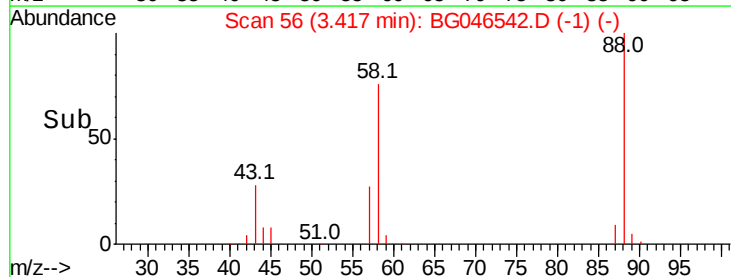
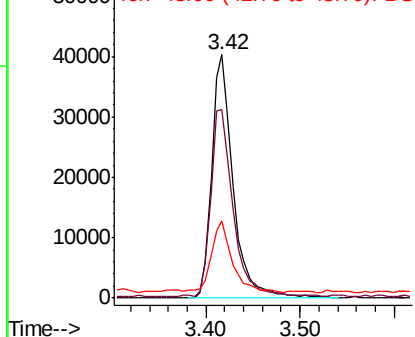
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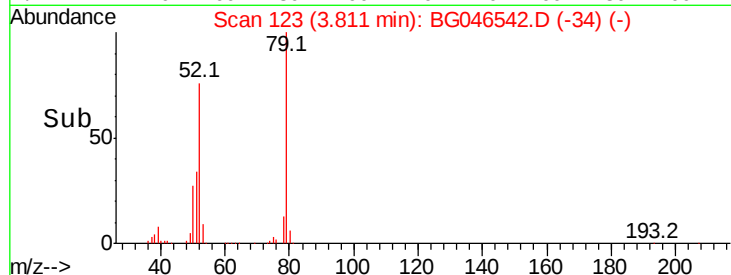
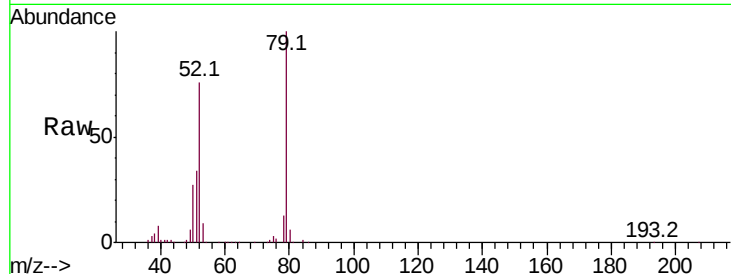
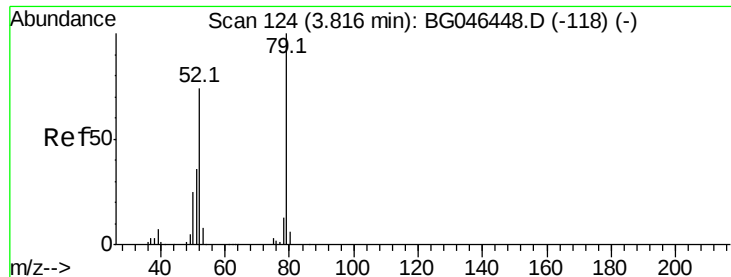
1,4-Dioxane
Concen: 35.055 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	61.4	92.2
43	29.5	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





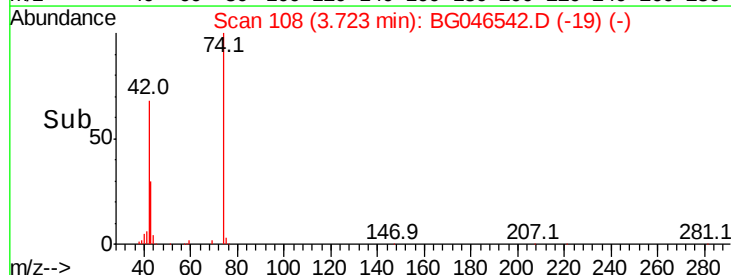
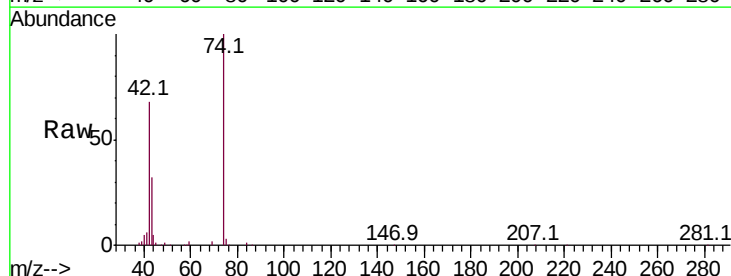
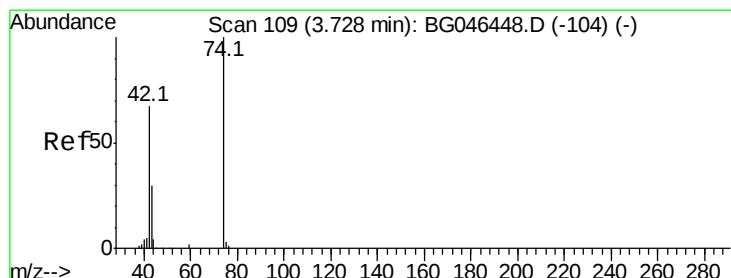
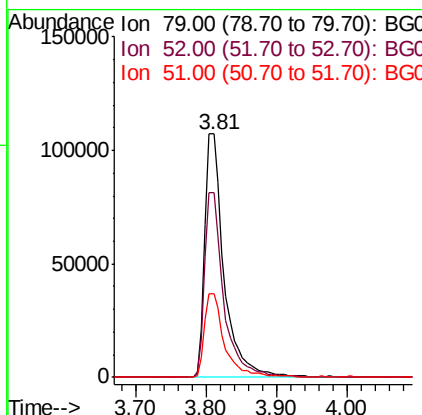
#3
Pvridine
Concen: 37.870 ng
RT: 3.81 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.8	59.1	88.7
51	34.2	29.0	43.6

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

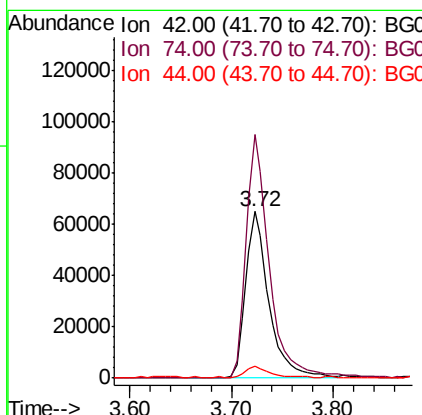
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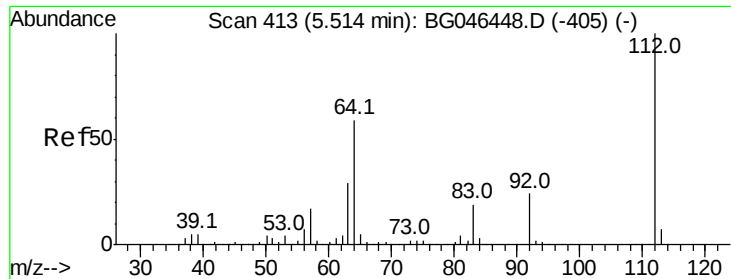
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#4
n-Nitrosodimethylamine
Concen: 52.553 ng
RT: 3.72 min Scan# 108
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.3	119.5	179.3
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 85.297 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

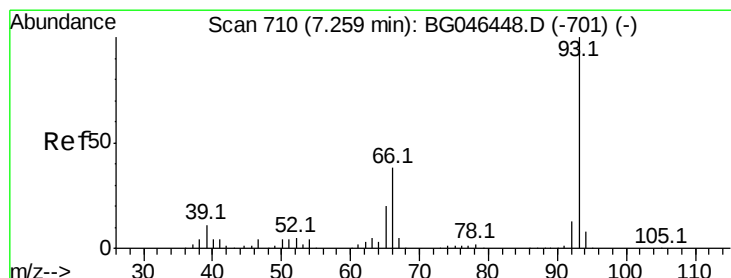
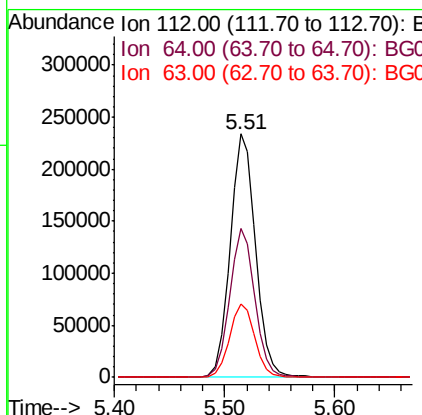
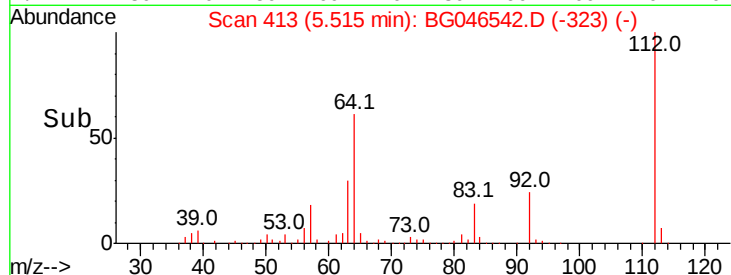
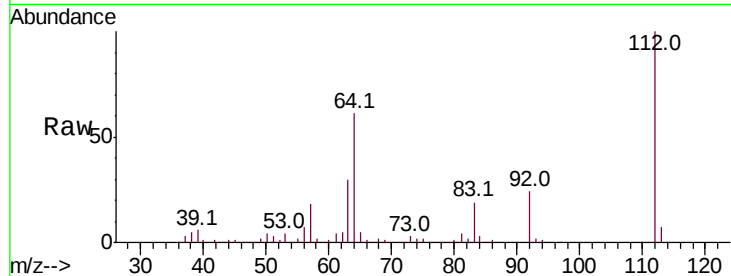
ClientSampleId :

AL-FALAH-5MSD

Tot Ion:	112	Resp:	376549
Ion Ratio	Lower	Upper	
112	100		
64	61.0	47.0	70.6
63	30.3	23.5	35.3

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#6

Aniline

Concen: 53.904 ng

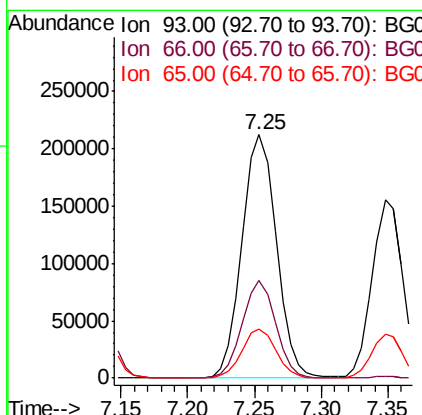
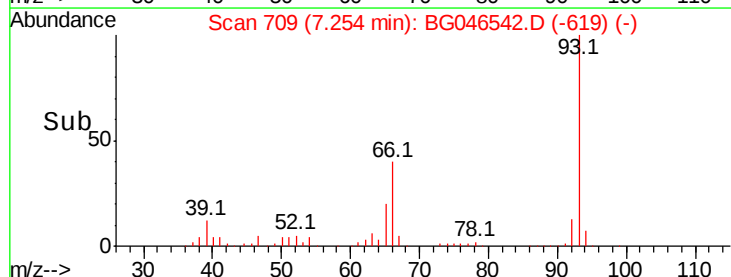
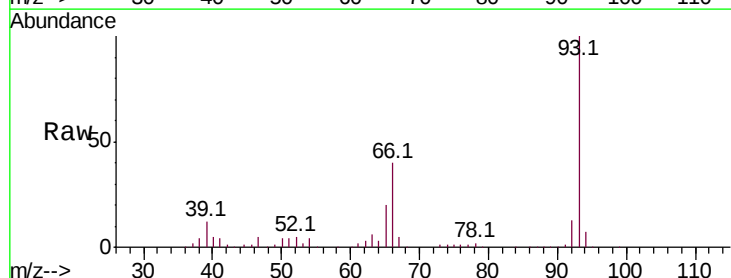
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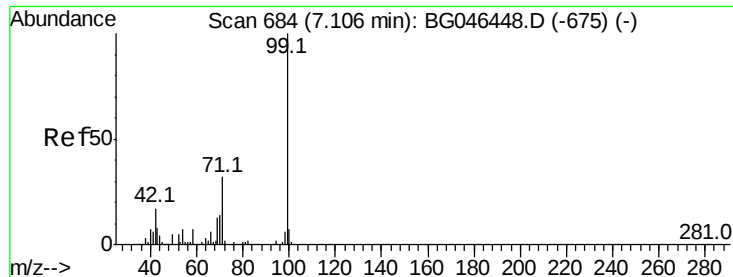
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:	93	Resp:	379604
Ion Ratio	Lower	Upper	
93	100		
66	40.2	30.4	45.6
65	19.9	15.8	23.6





#7

Phenol-d6

Concen: 82.486 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

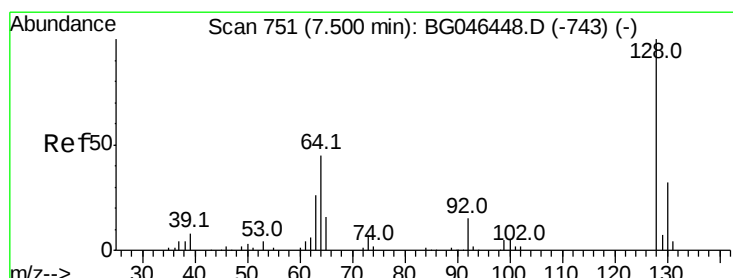
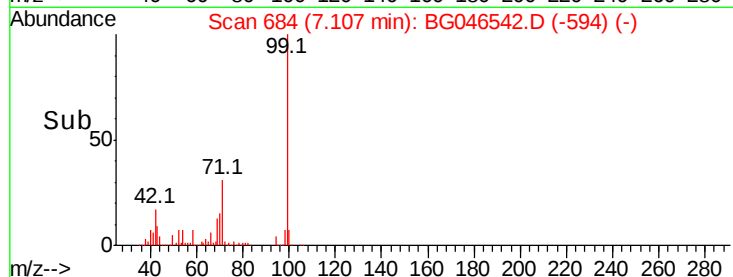
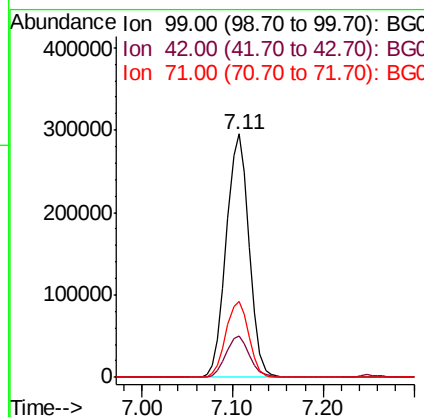
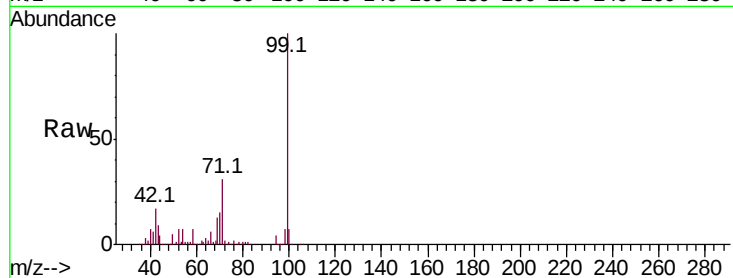
ClientSampleId :

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Tot Ion:	99	Resp:	516205
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.3	19.9
71	31.4	25.3	37.9

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#8

2-Chlorophenol

Concen: 58.557 ng

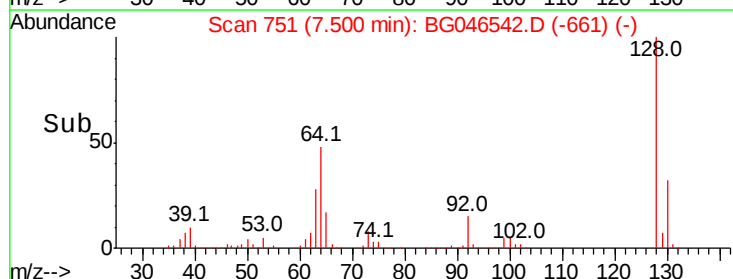
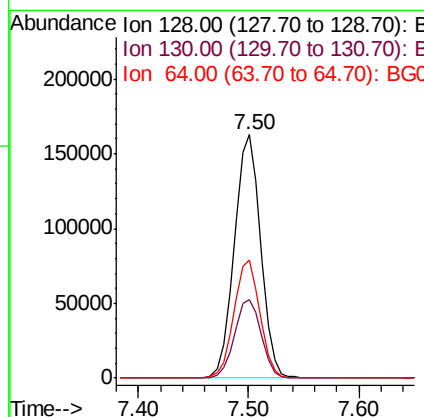
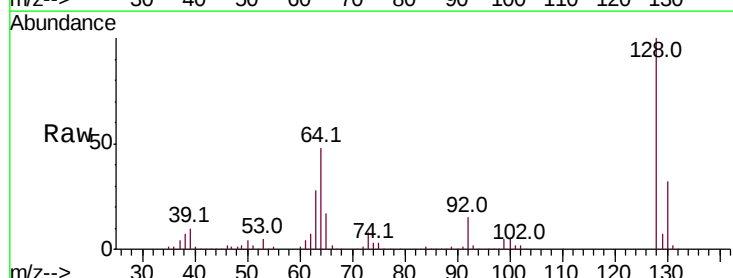
RT: 7.50 min Scan# 751

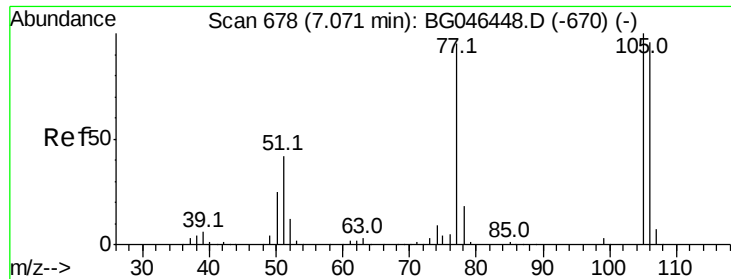
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:	128	Resp:	273214
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.4	52.4
64	48.4	28.1	68.1





#9

Benzaldehyde

Concen: 47.691 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

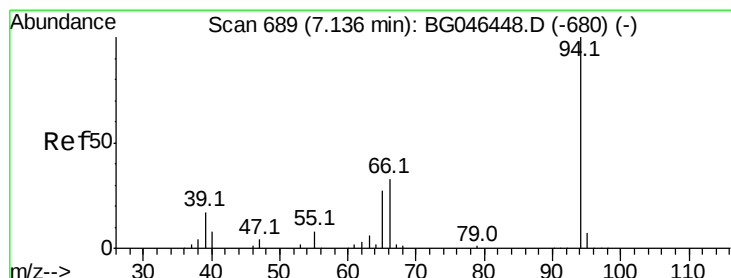
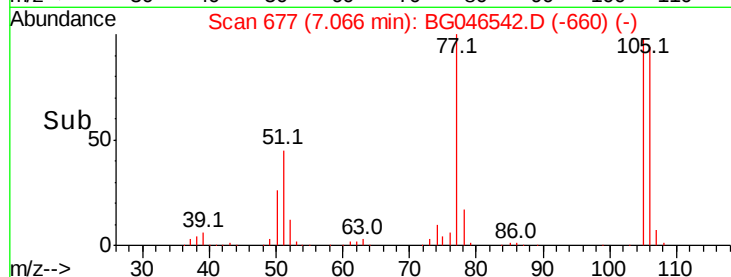
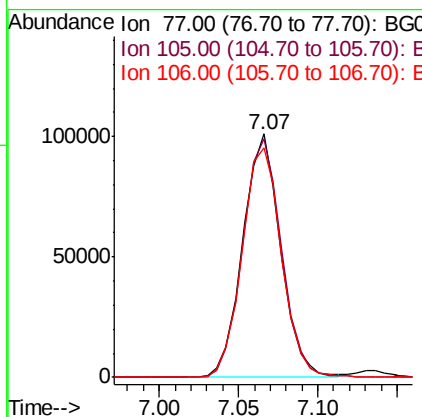
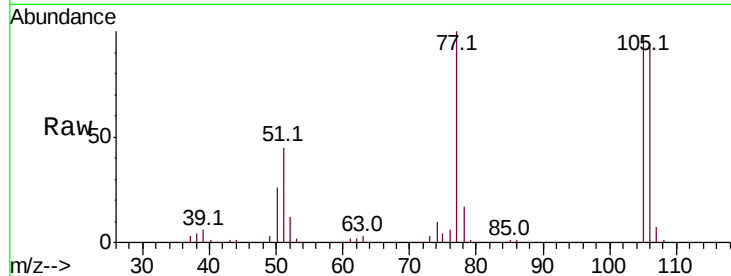
ClientSampleId :

AL-FALAH-5MSD

Tot Ion:	77	Resp:	167212
Ion Ratio	Lower	Upper	
77	100		
105	98.2	85.6	125.6
106	94.3	80.8	120.8

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#10

Phenol

Concen: 60.177 ng

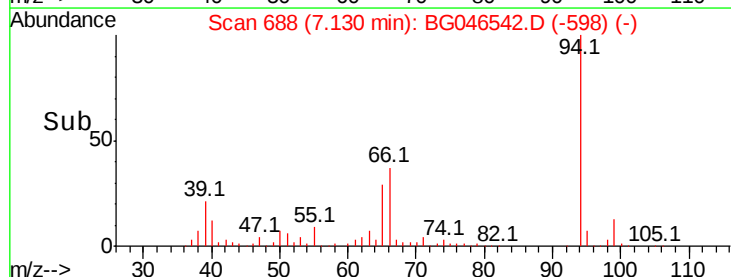
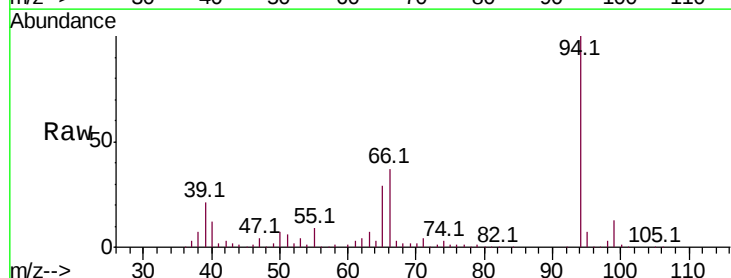
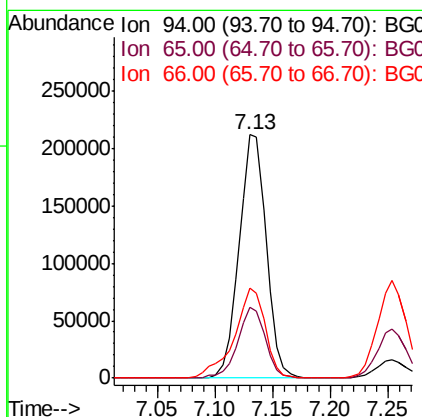
RT: 7.13 min Scan# 688

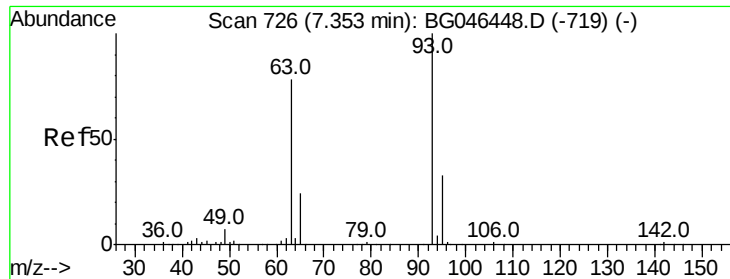
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:	94	Resp:	346861
Ion Ratio	Lower	Upper	
94	100		
65	29.1	7.5	47.5
66	36.7	14.1	54.1





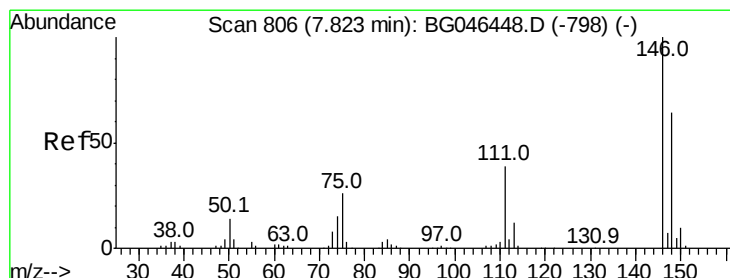
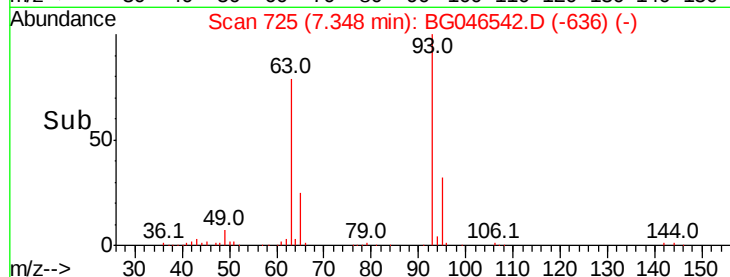
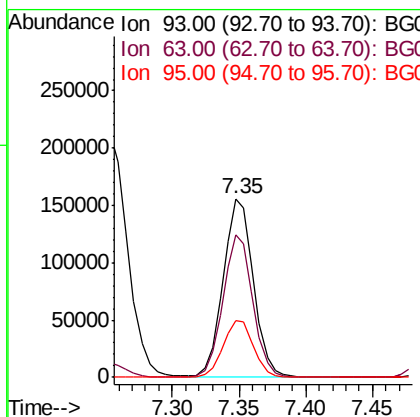
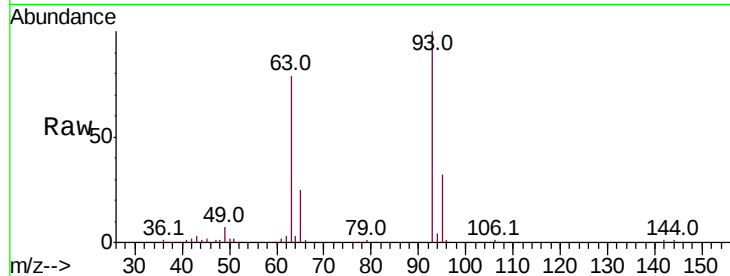
#11
bis(2-Chloroethyl)ether
Concen: 53.170 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:	93	Resp:	246344
Ion	Ratio	Lower	Upper
93	100		
63	79.4	57.7	97.7
95	31.9	12.3	52.3

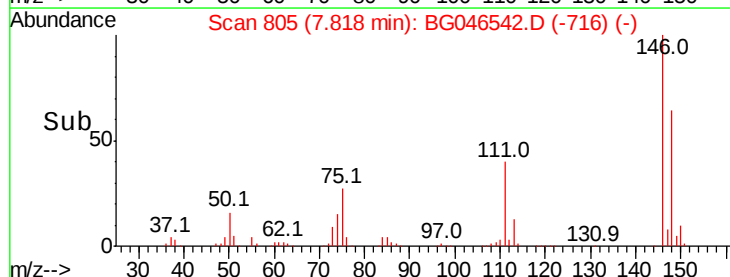
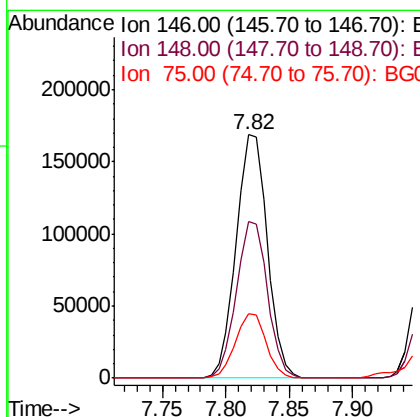
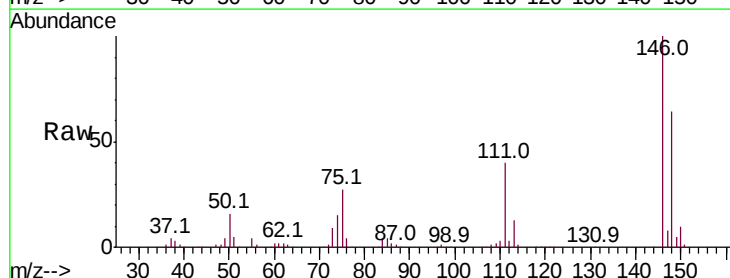
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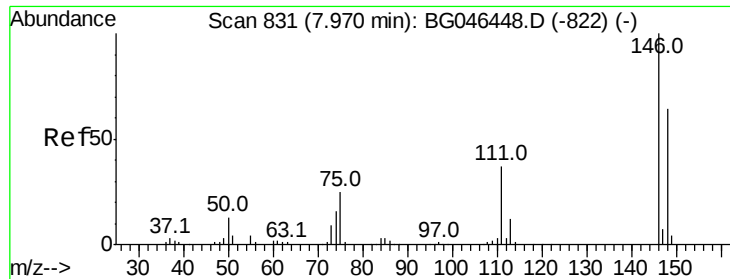
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.540 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:	146	Resp:	287540
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	26.6	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 48.632 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG046542.D

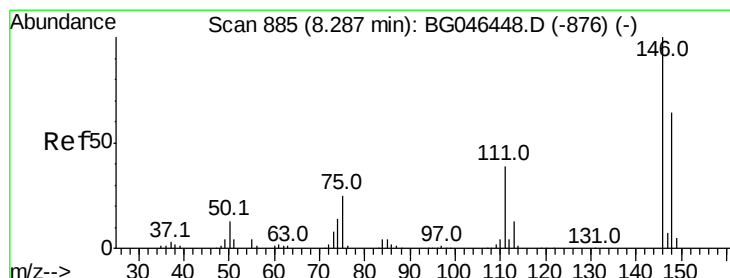
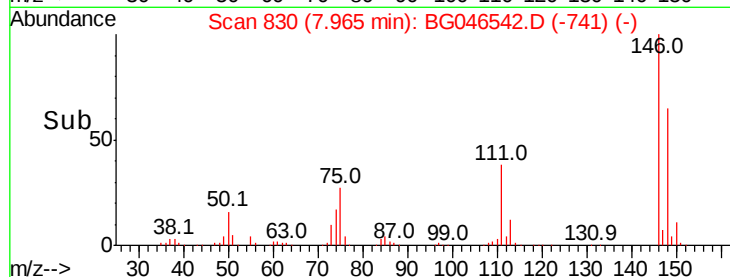
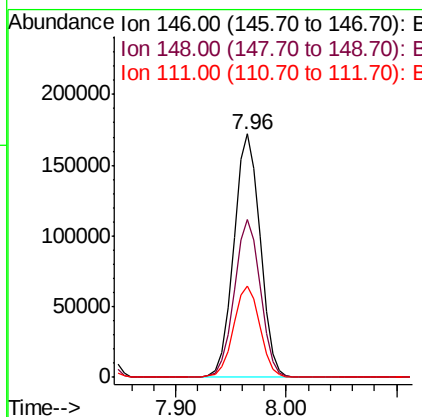
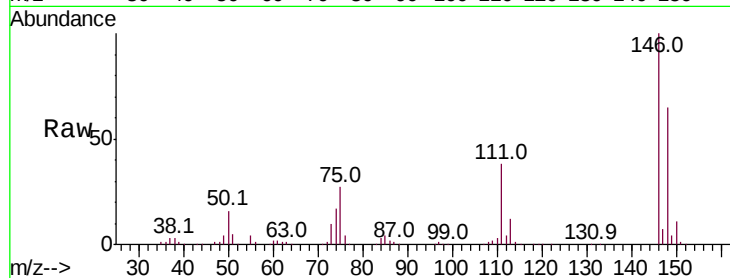
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
111	37.7	29.8	44.6

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#14

1,2-Dichlorobenzene

Concen: 50.181 ng

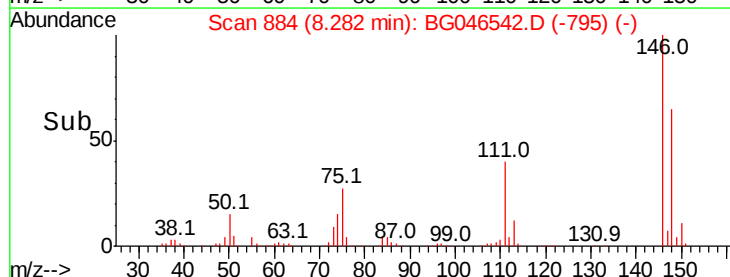
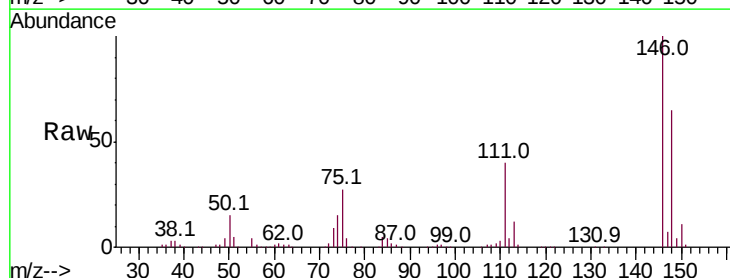
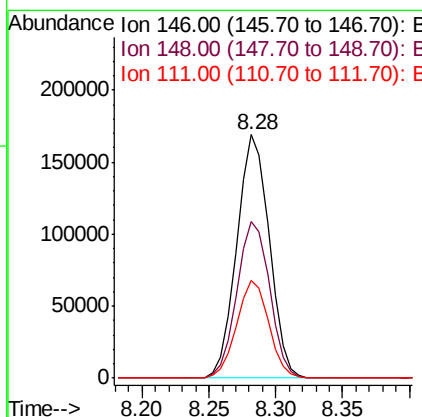
RT: 8.28 min Scan# 884

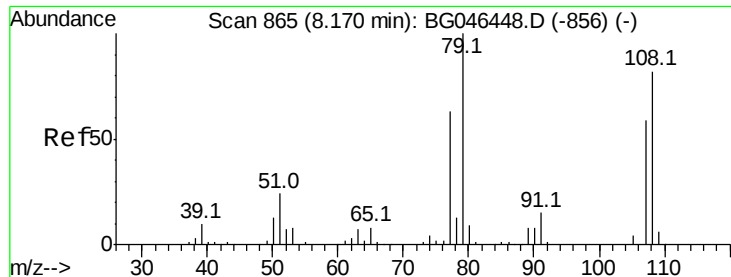
Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
111	40.3	31.4	47.2





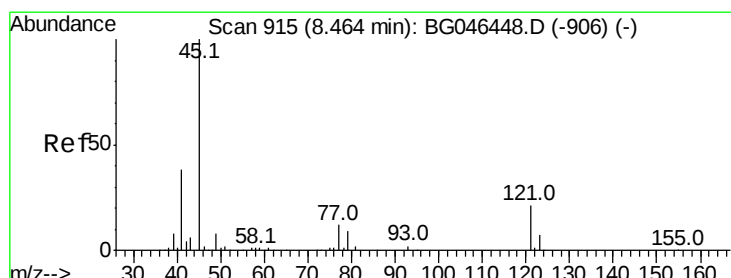
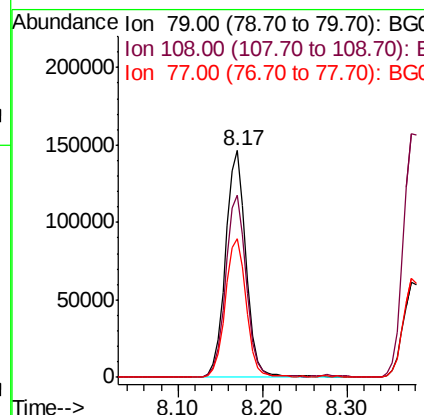
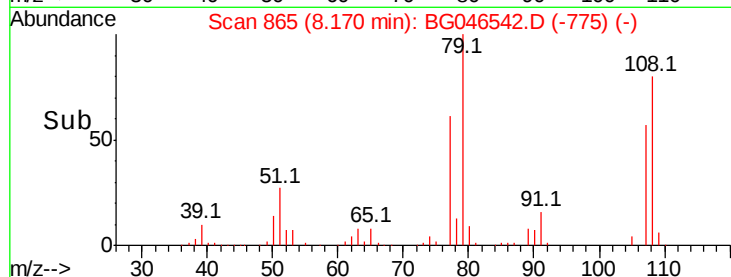
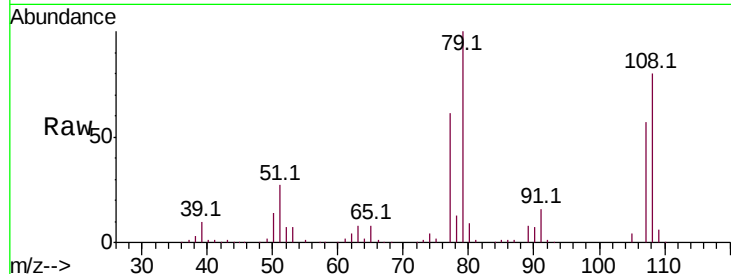
#15
Benzyl Alcohol
Concen: 61.276 ng
RT: 8.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	246195		
108	80.4	65.7	98.5	
77	61.0	50.3	75.5	

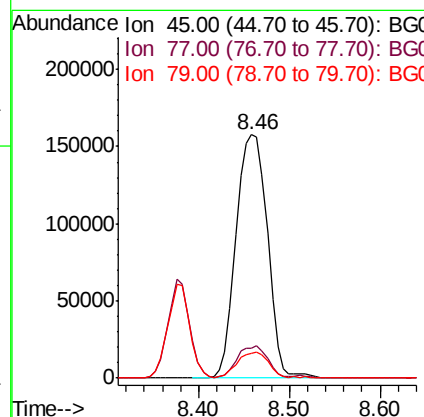
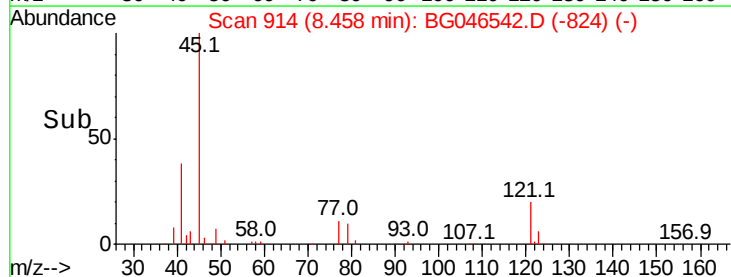
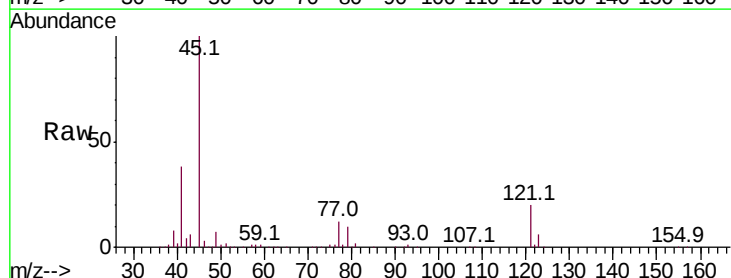
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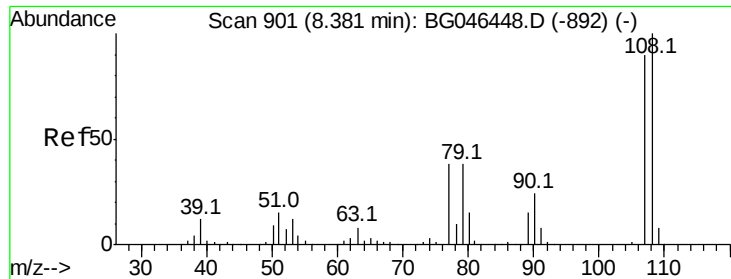
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 52.871 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	379964		
77	12.1	0.0	33.2	
79	10.4	0.0	30.3	





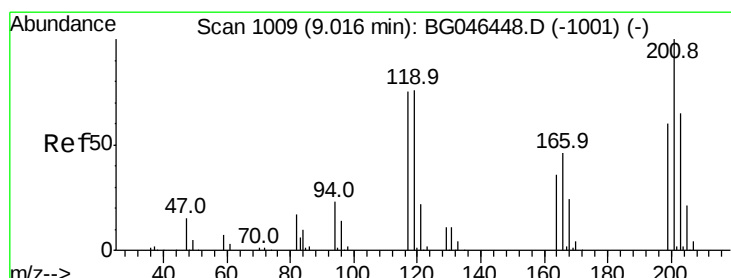
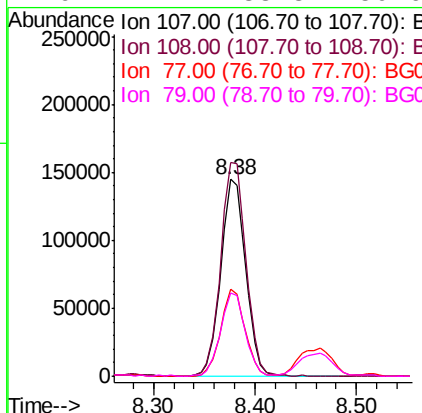
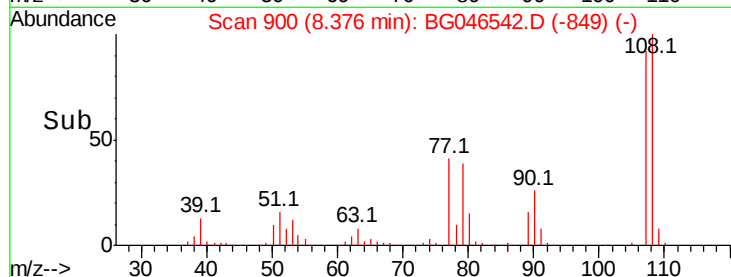
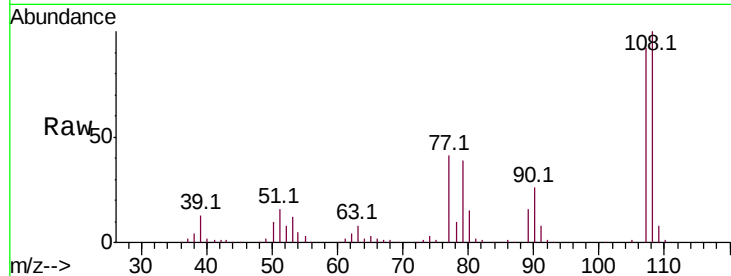
#17
2-Methylphenol
Concen: 60.678 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	89.4	134.0	
77	44.0	34.5	51.7	
79	42.2	33.8	50.6	

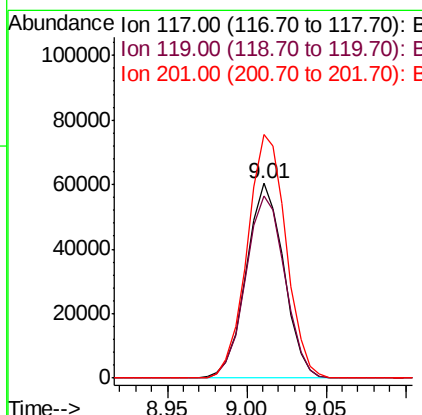
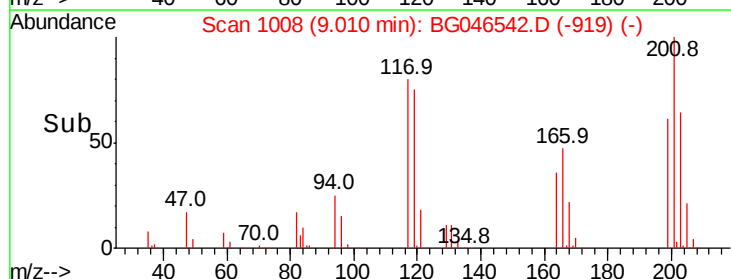
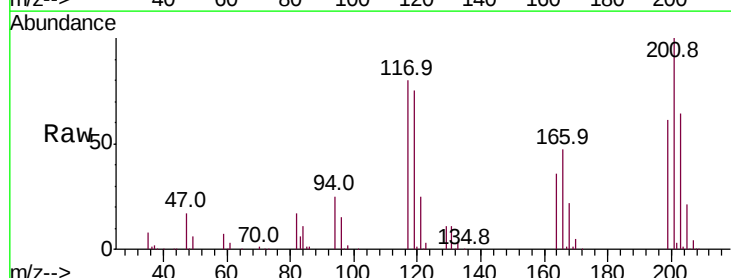
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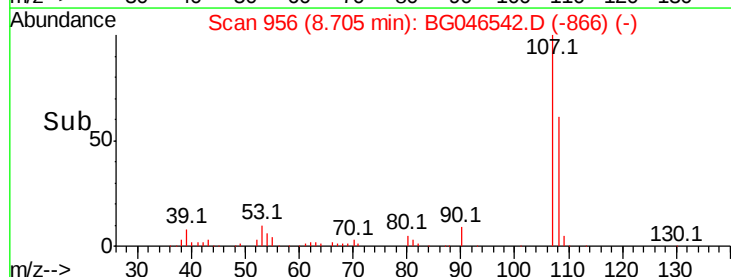
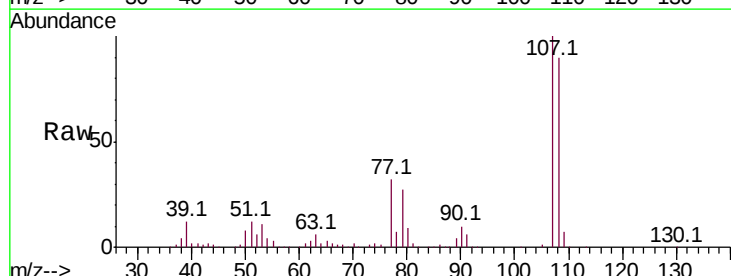
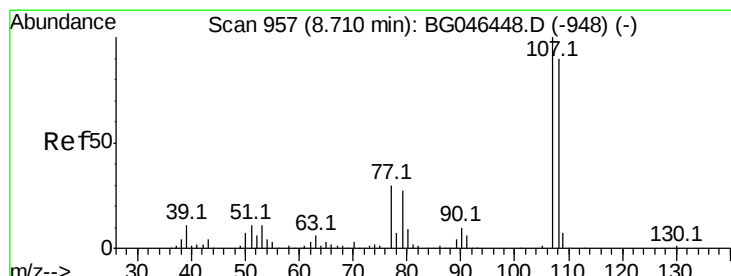
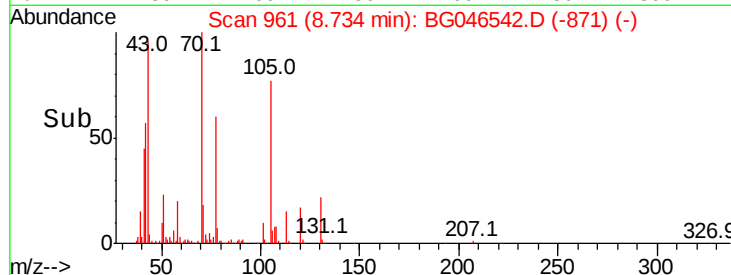
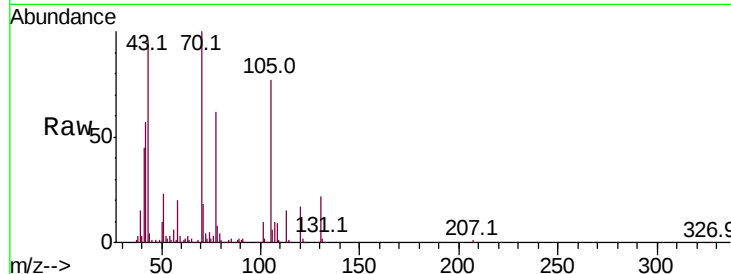
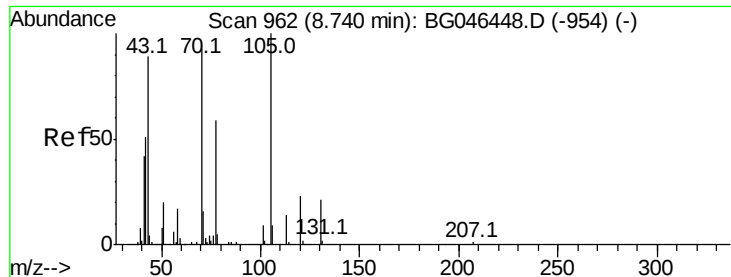
mohammad
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#18
Hexachloroethane
Concen: 49.453 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	80.8	121.2	
201	125.2	106.7	160.1	





#19

n-Nitroso-di-n-propylamine

Concen: 57.482 ng

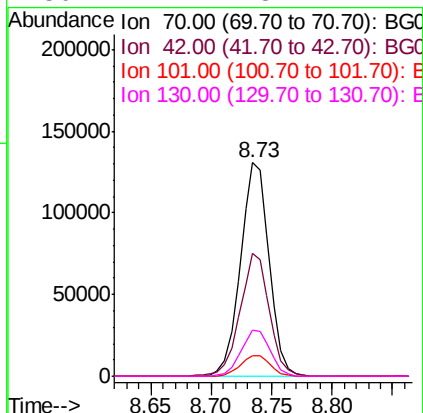
RT: 8.73 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	44.2	66.2
101	9.7	7.8	11.8
130	21.7	18.2	27.4



Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

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#20

3+4-Methylphenols

Concen: 60.751 ng

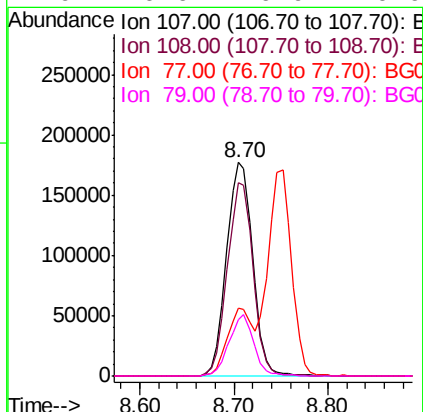
RT: 8.70 min Scan# 956

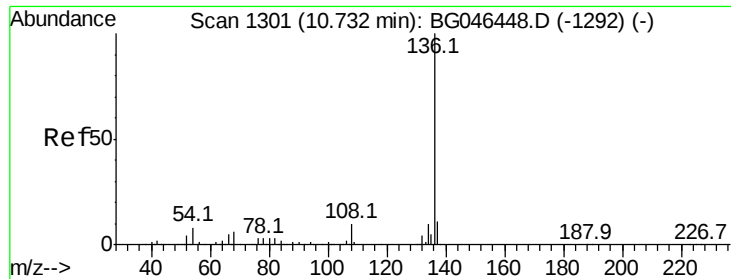
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.7	109.7
77	31.6	9.7	49.7
79	26.6	6.9	46.9





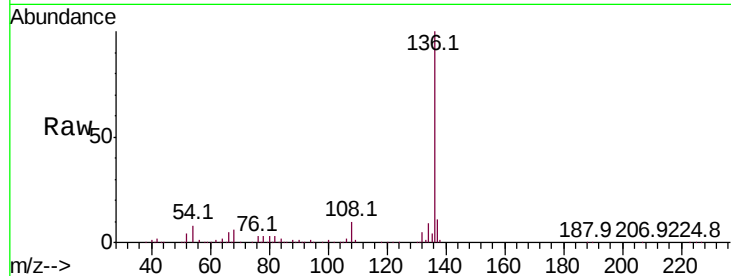
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	341964		
137	10.5		8.8	13.2
54	8.4		6.1	9.1
68	5.7		4.8	7.2

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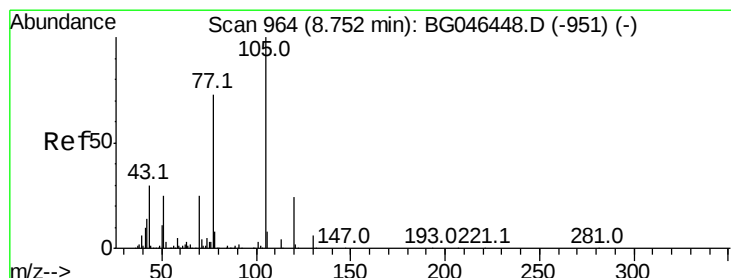
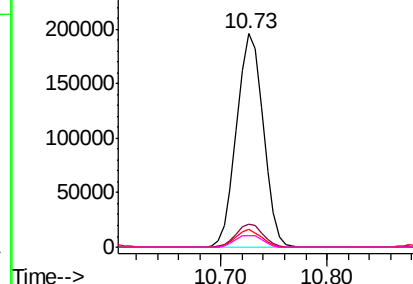
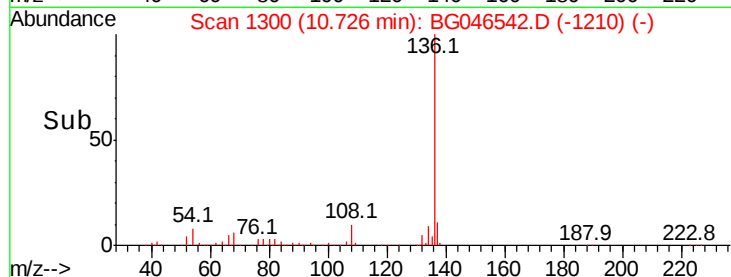
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

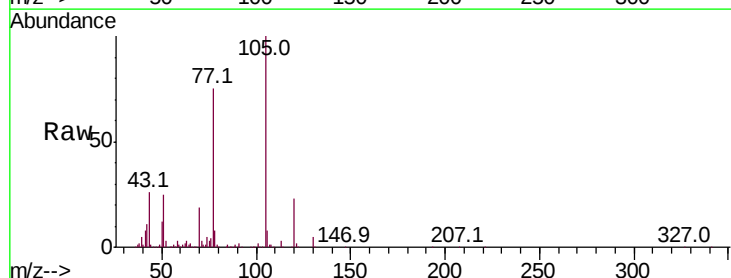
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.813 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	398000		
71	2.9		3.3	4.9#
51	25.3		20.6	31.0
120	22.8		19.0	28.6



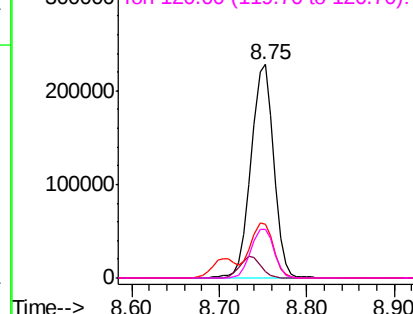
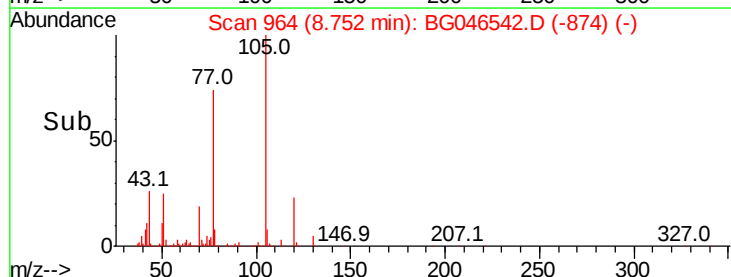
Abundance

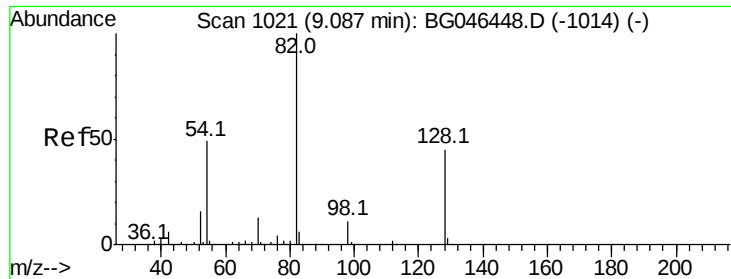
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





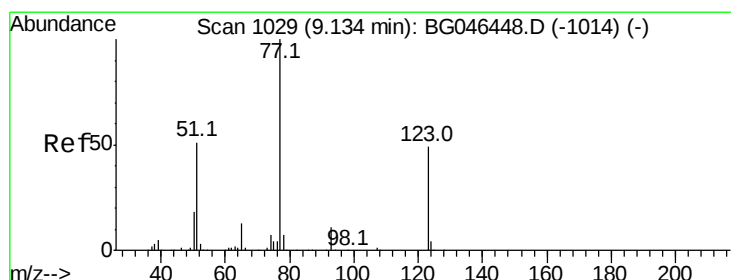
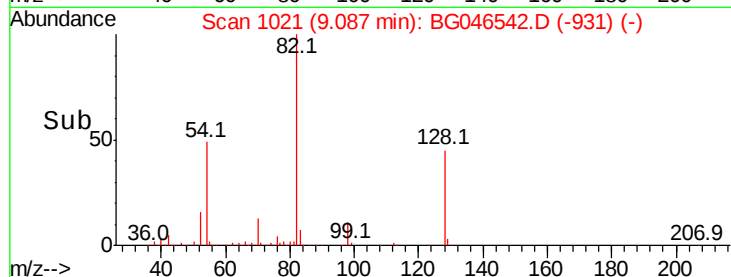
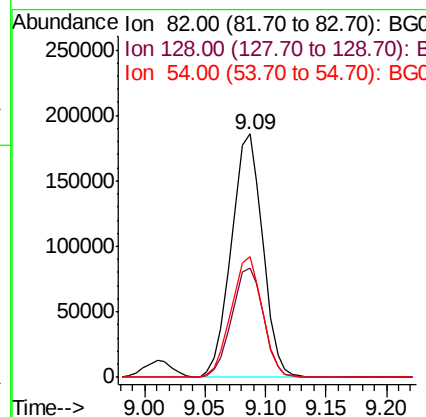
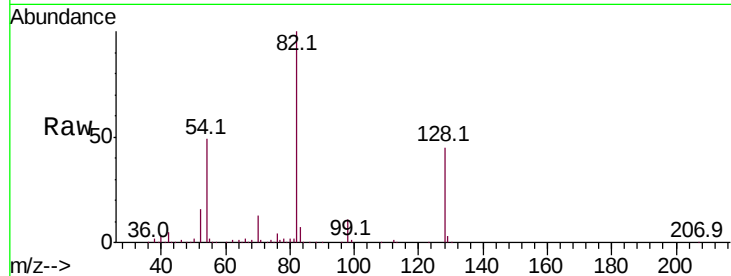
#23
Nitrobenzene-d5
Concen: 56.070 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	49.5	39.4	59.0

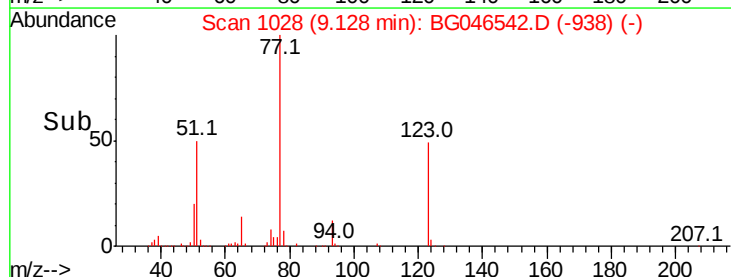
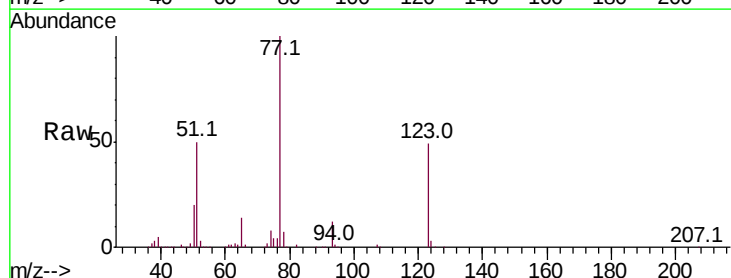
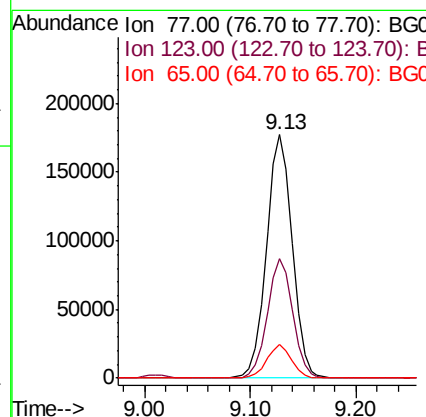
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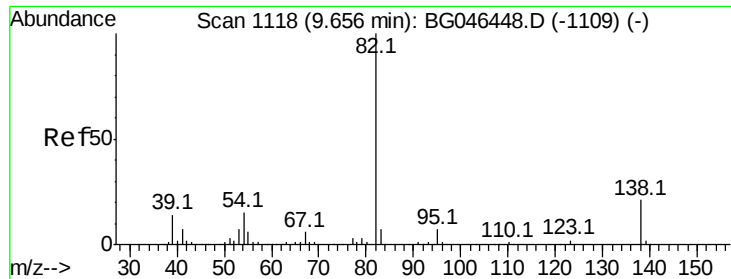
mohammad
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#24
Nitrobenzene
Concen: 50.858 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	39.6	59.4
65	13.7	10.1	15.1





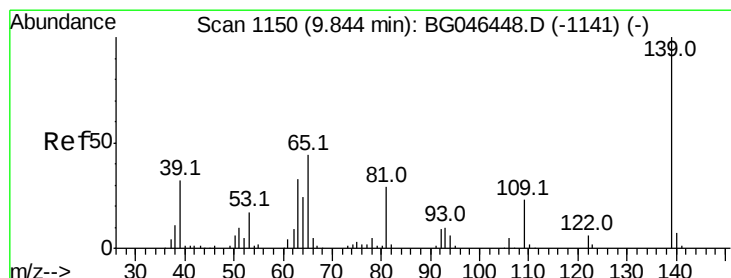
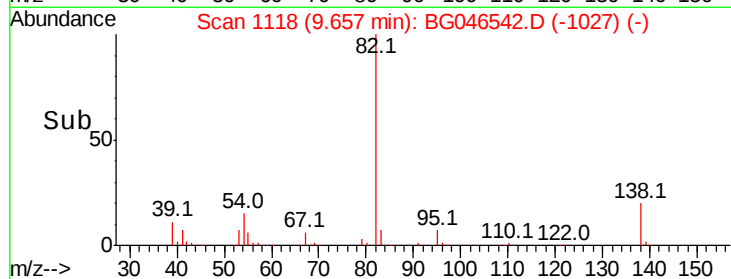
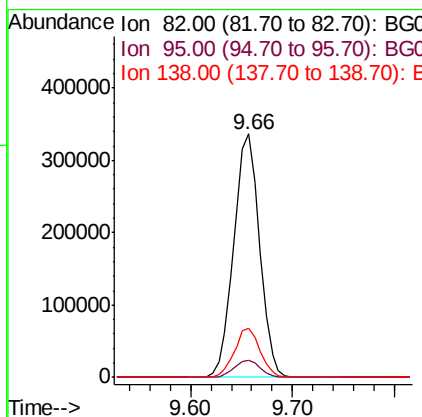
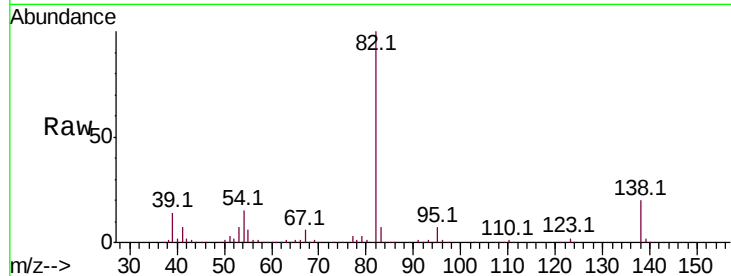
#25
Isophorone
Concen: 54.392 ng
RT: 9.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.8	8.6	
138	20.3	16.4	24.6	

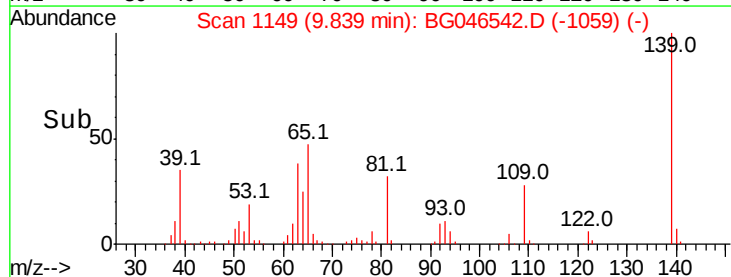
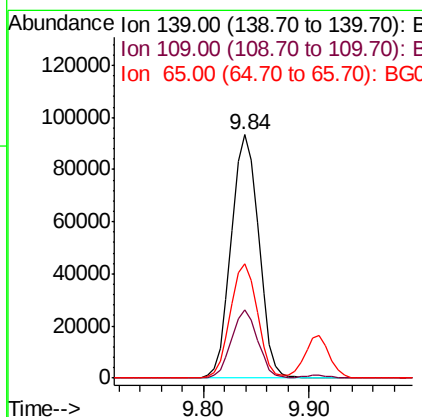
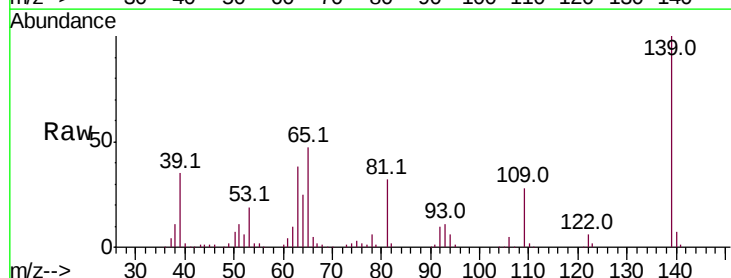
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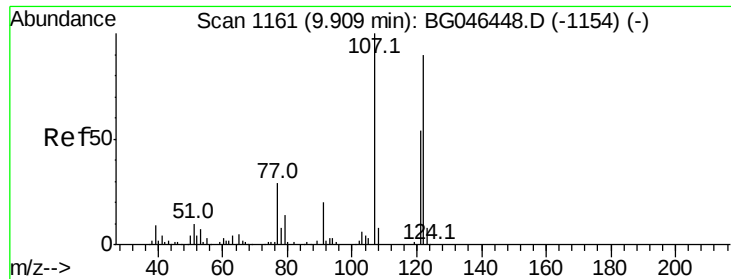
mohammad
9/8/2020 1:45:15 PM



#26
2-Nitrophenol
Concen: 53.946 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.8	18.8	28.2	
65	46.8	35.0	52.6	





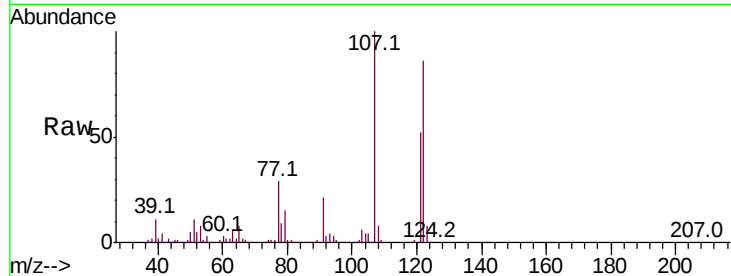
#27
2,4-Dimethylphenol
Concen: 64.181 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	88.2	132.2
121	60.3	47.4	71.0

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9/8/2020 1:45:15 PM

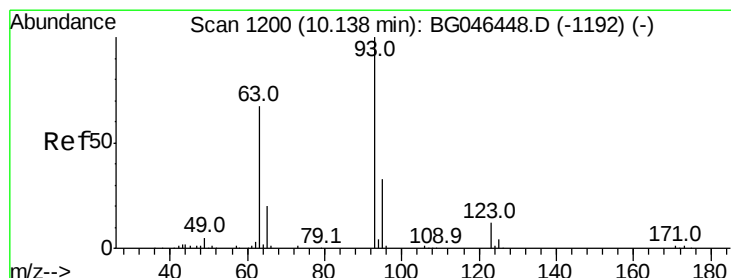
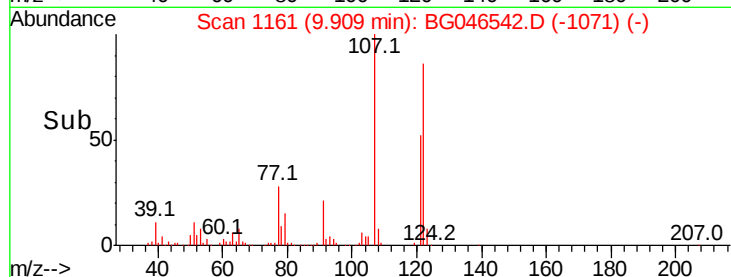
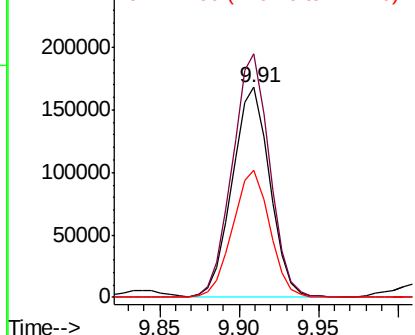


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 50.490 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

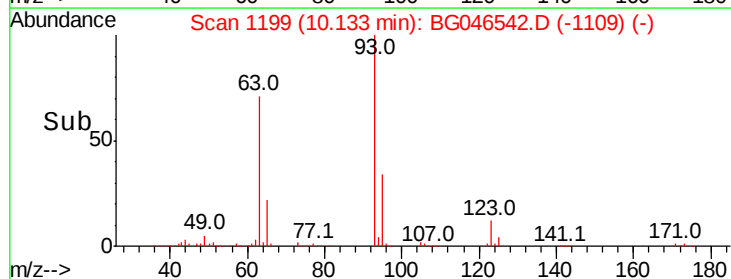
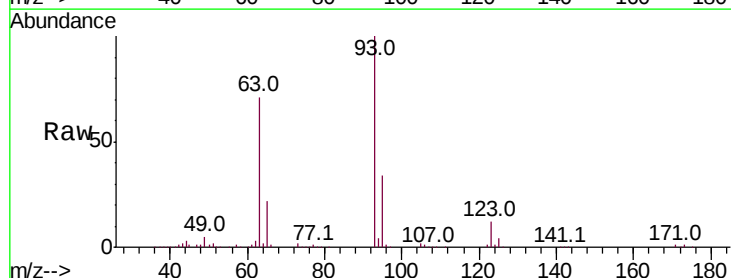
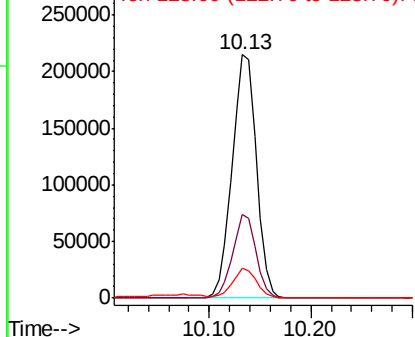
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.1	39.1
123	12.0	9.5	14.3

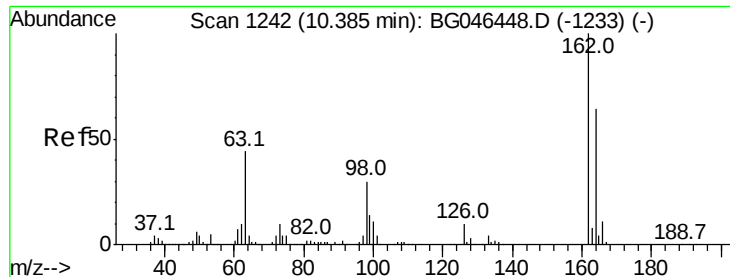
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





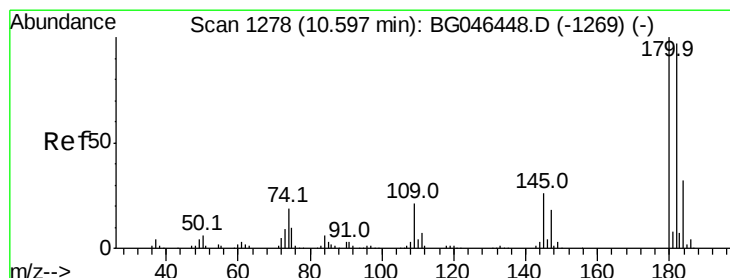
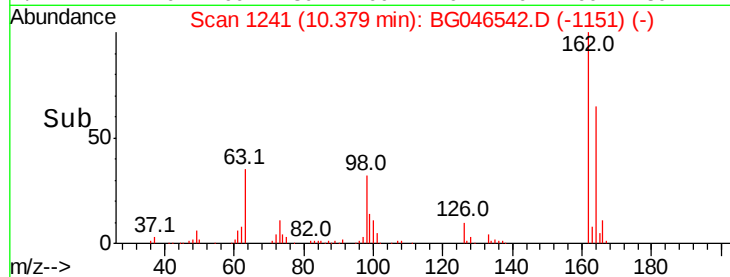
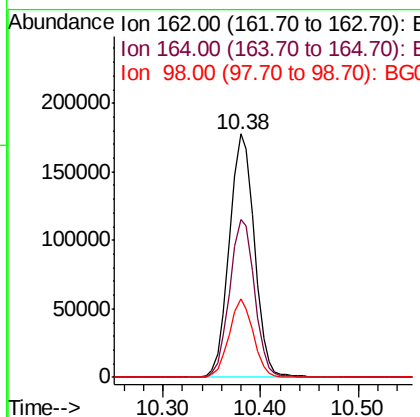
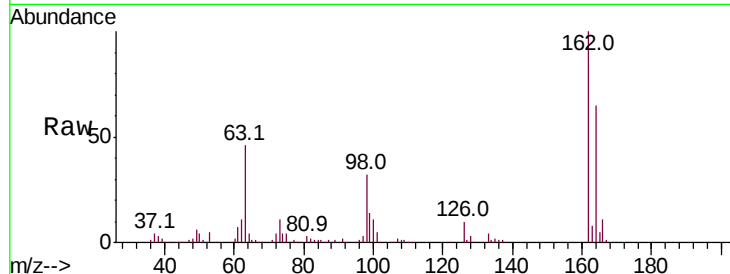
#29
 2,4-Dichlorophenol
 Concen: 55.618 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	318028		
164	64.7	44.3	84.3	
98	32.0	10.0	50.0	

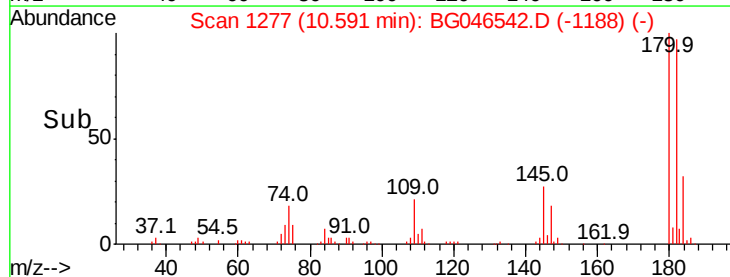
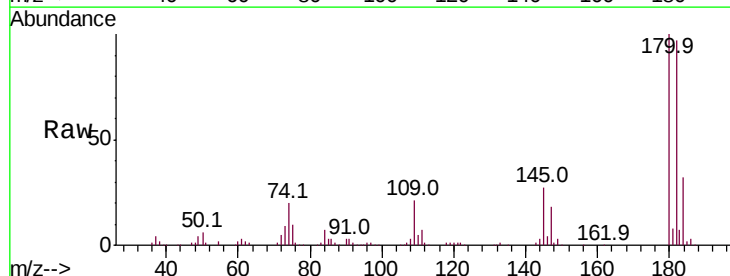
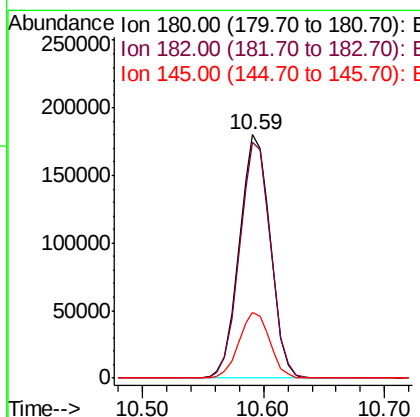
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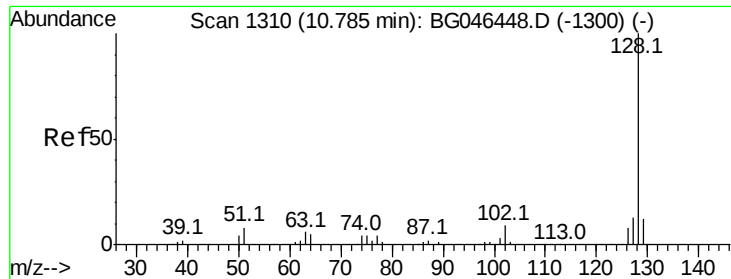
mohammad
 9/8/2020 1:45:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.284 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320802		
182	97.0	77.8	116.8	
145	26.9	20.9	31.3	





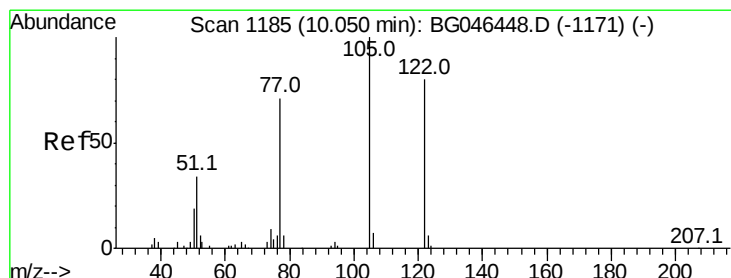
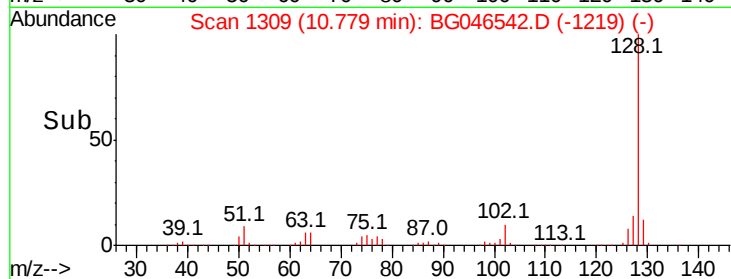
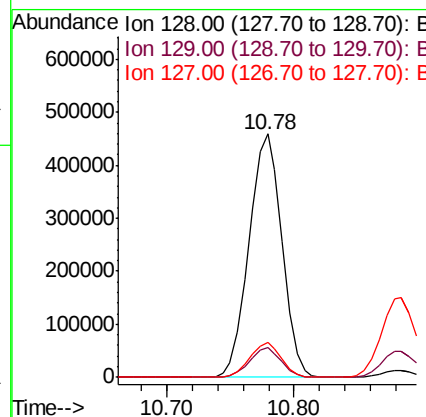
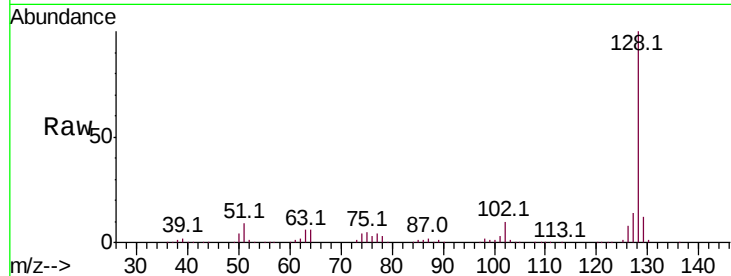
#31
Naphthalene
Concen: 49.413 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.3	10.7	16.1

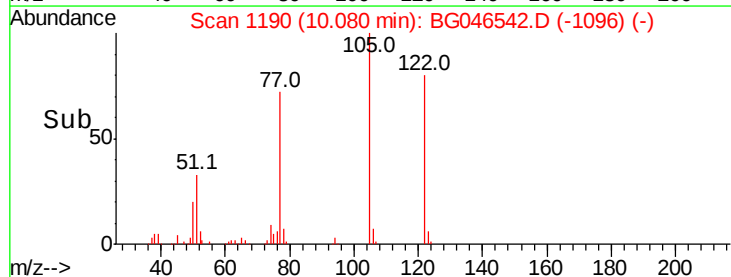
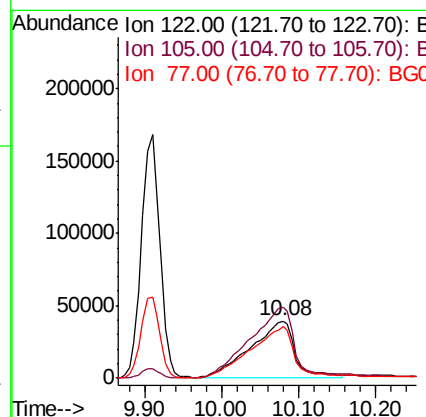
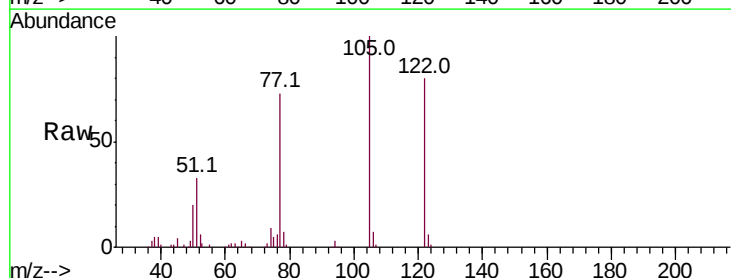
Manual Integrations
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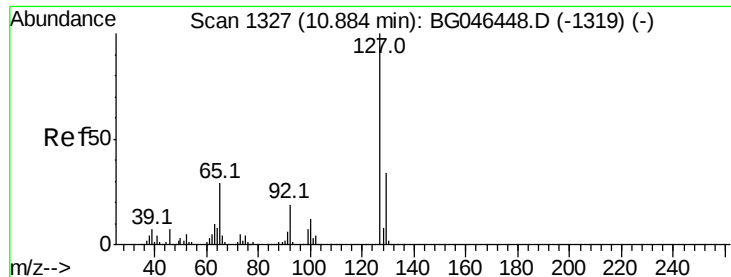
mohammad
9/8/2020 1:45:15 PM



#32
Benzoic acid
Concen: 48.255 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.02 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	102.5	142.5
77	91.4	68.2	108.2





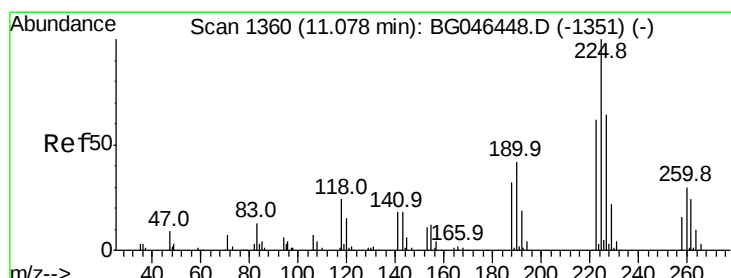
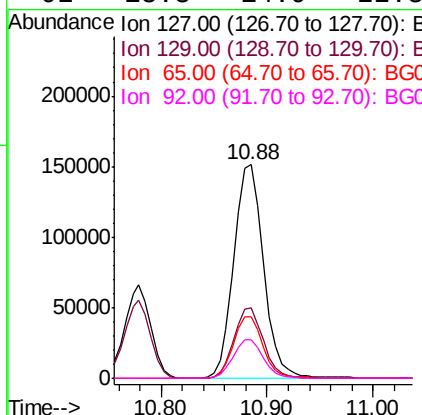
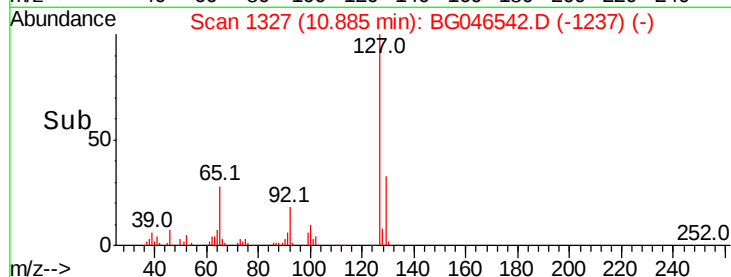
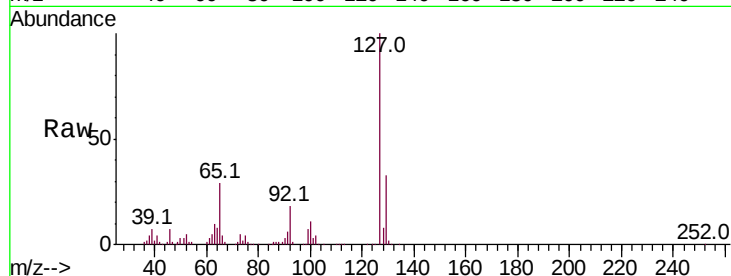
#33
4-Chloroaniline
Concen: 39.858 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	293457		
129	32.8	27.0	40.4	
65	28.6	23.5	35.3	
92	18.3	14.9	22.3	

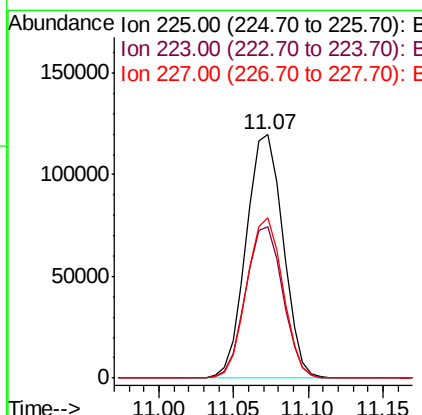
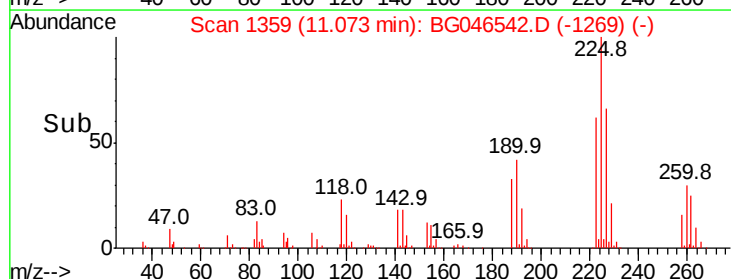
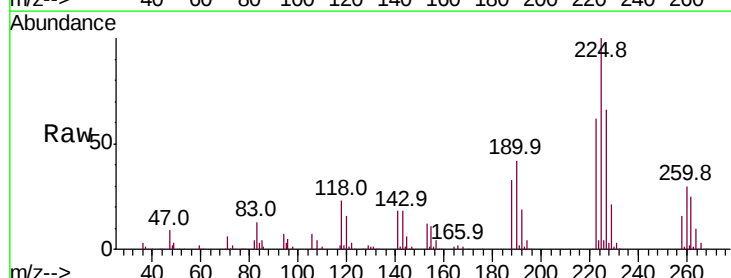
Manual Integrations
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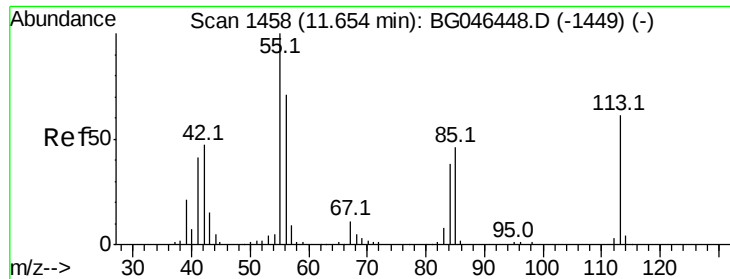
mohammad
9/8/2020 1:45:15 PM



#34
Hexachlorobutadiene
Concen: 46.474 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204682		
223	62.2	49.9	74.9	
227	66.1	51.6	77.4	





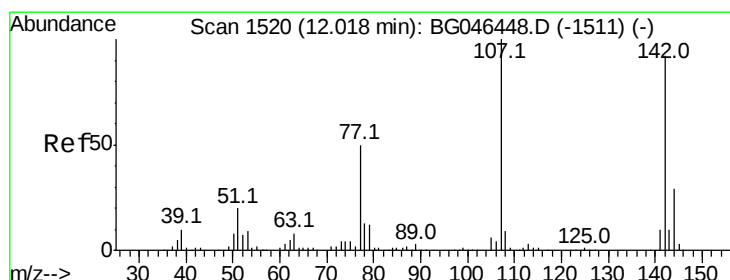
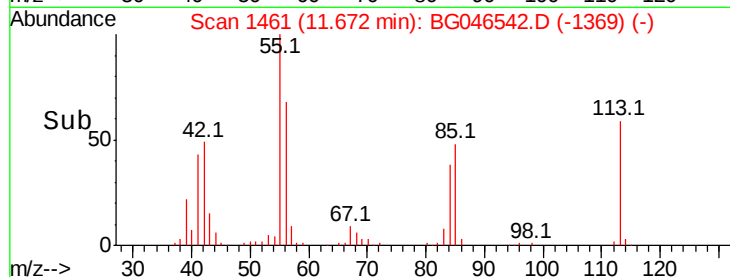
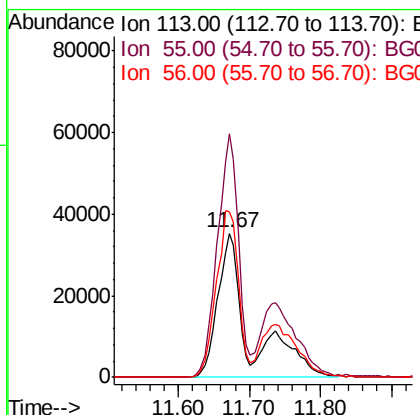
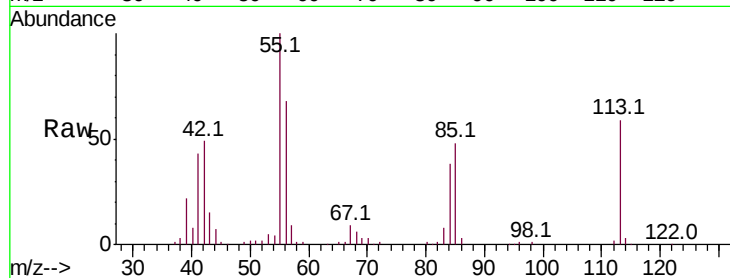
#35
Caprolactam
Concen: 50.957 ng/ml
RT: 11.67 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.9	144.2	184.2
56	115.2	97.0	137.0

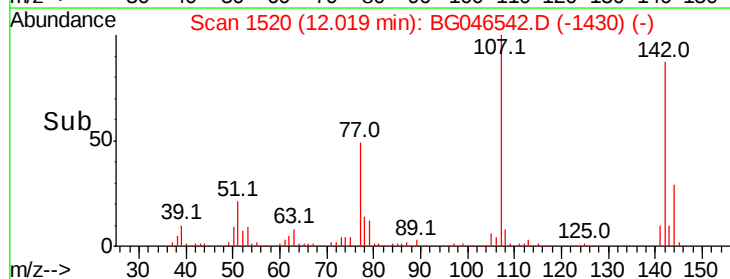
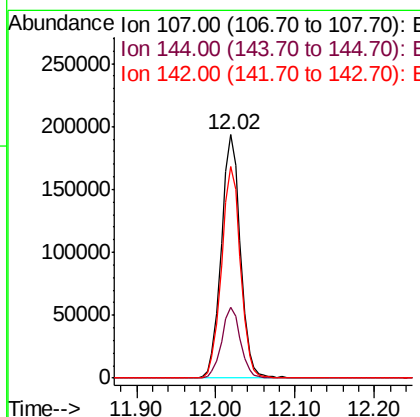
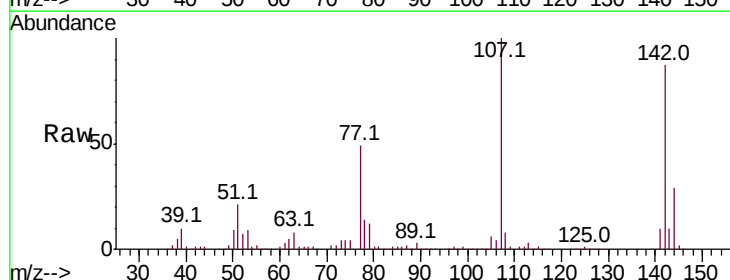
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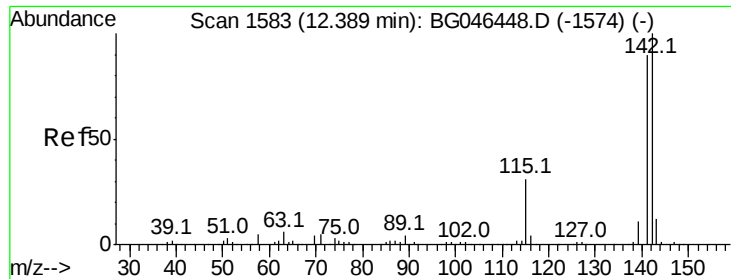
mohammad
9/8/2020 1:45:15 PM



#36
4-Chloro-3-methylphenol
Concen: 57.652 ng/ml
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.0	23.3	34.9
142	86.8	73.7	110.5





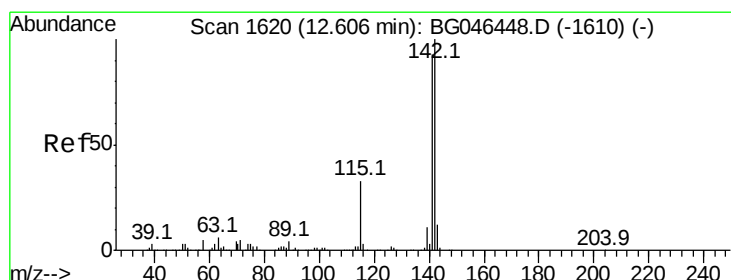
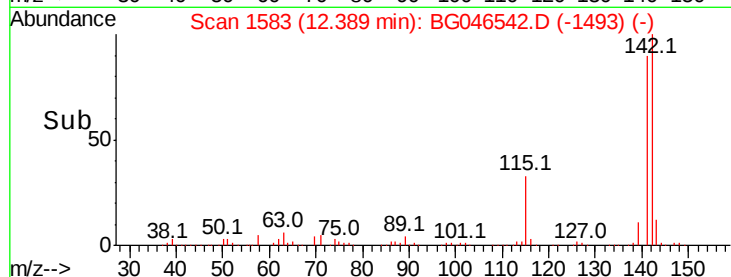
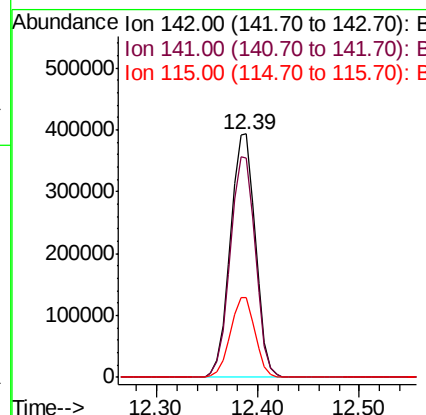
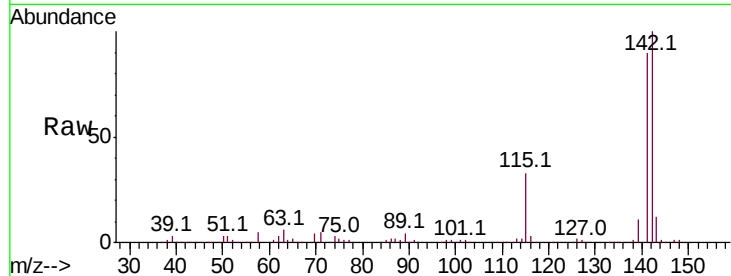
#37
 2-Methylnaphthalene
 Concen: 51.239 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleID :
 AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
115	32.5	24.9	37.3

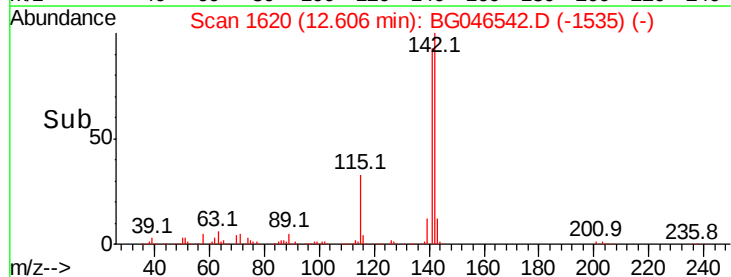
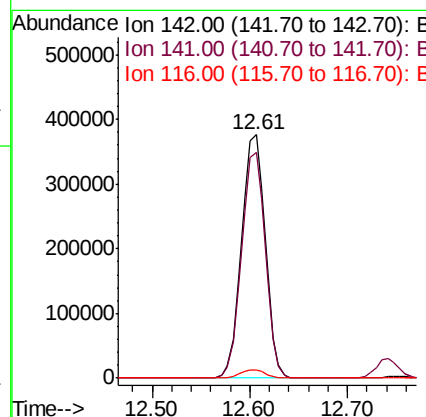
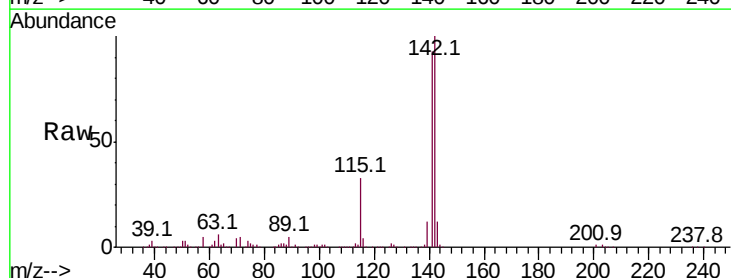
Manual Integrations
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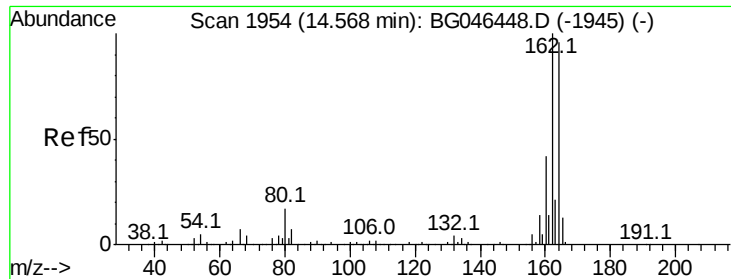
mohammad
 9/8/2020 1:45:15 PM



#38
 1-Methylnaphthalene
 Concen: 51.092 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	3.5	2.6	4.0





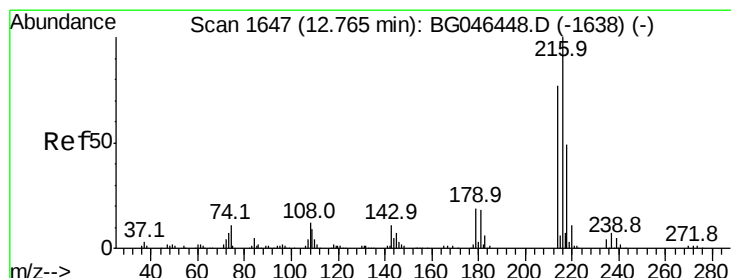
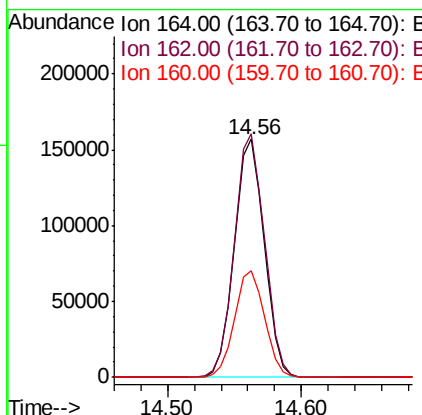
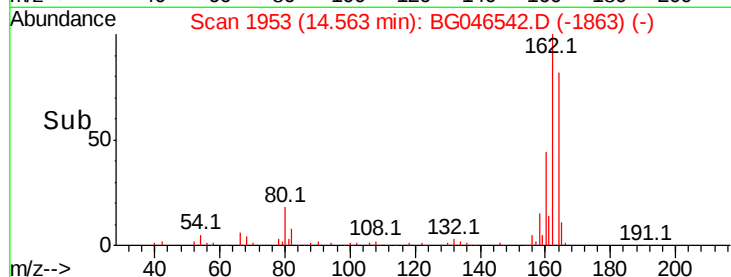
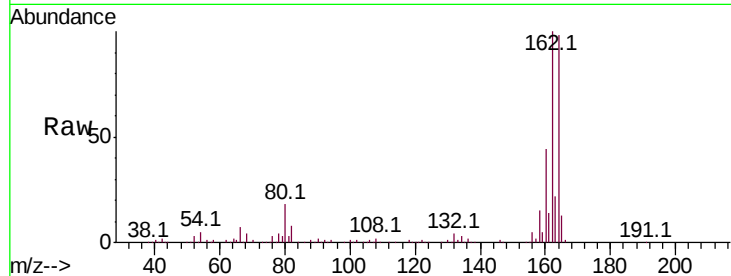
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.3	124.9
160	44.9	35.0	52.6

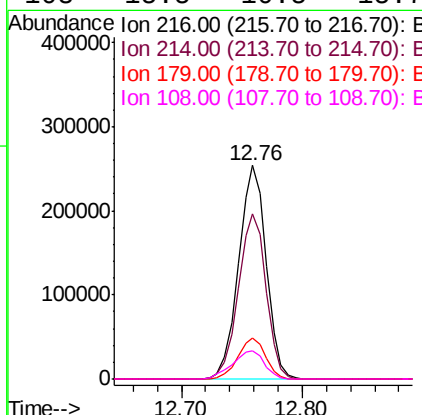
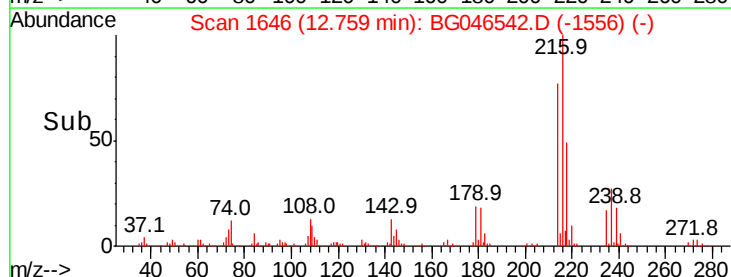
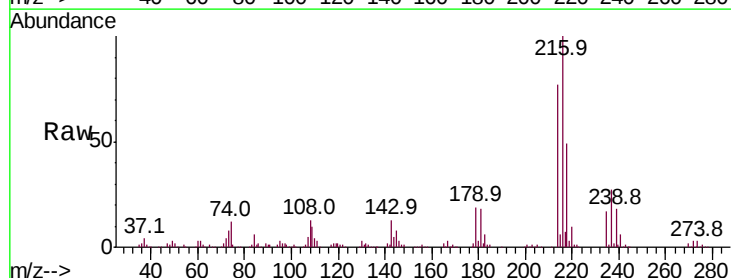
Manual Integrations
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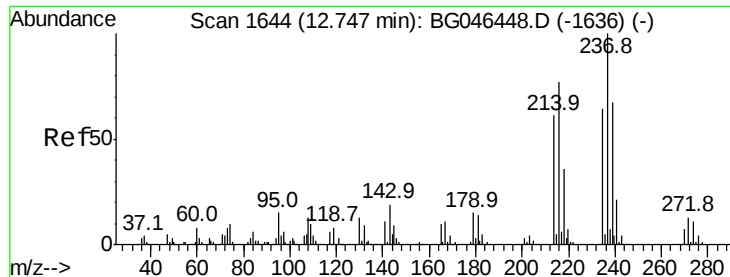
mohammad
9/8/2020 1:45:15 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.976 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.1	93.1
179	19.0	14.9	22.3
108	15.5	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 136.463 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

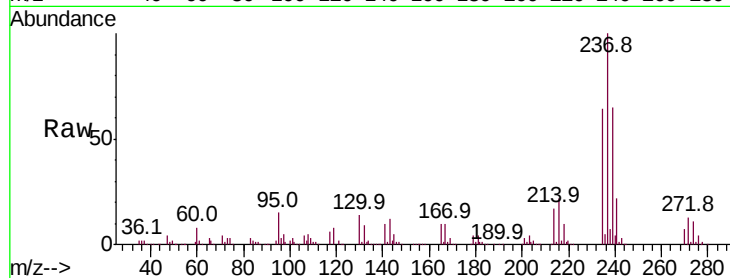
ClientSampleId :

AL-FALAH-5MSD

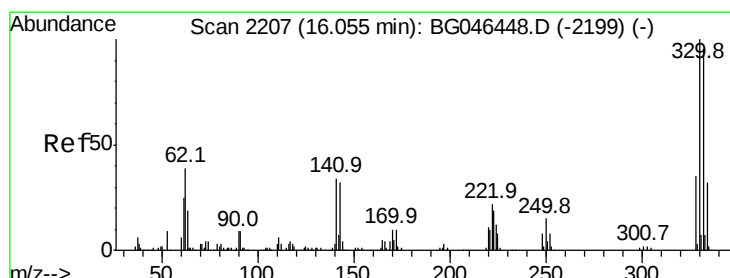
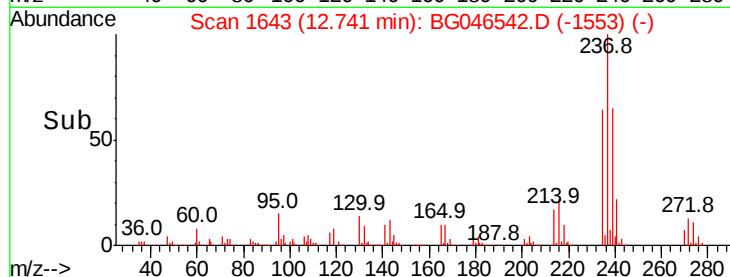
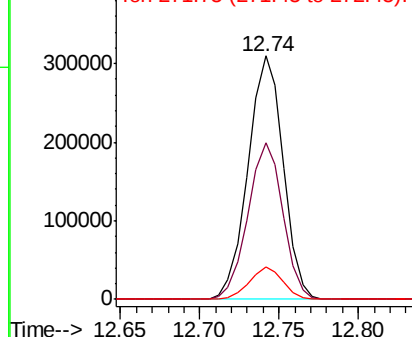
Tot Ion	Ratio	Resp	Lower	Upper
237	100	477795		
235	64.1		44.5	84.5
272	13.1		0.0	32.8

Manual Integrations
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mohammad
9/8/2020 1:45:15 PM



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: 72.295 ng

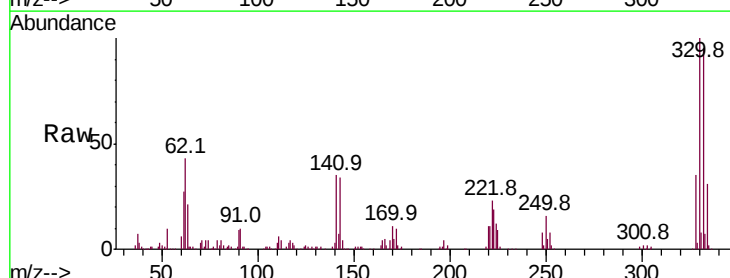
RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

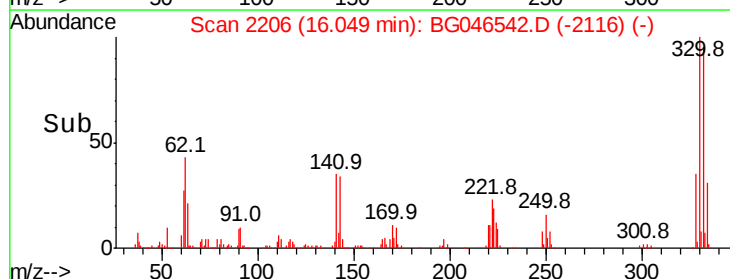
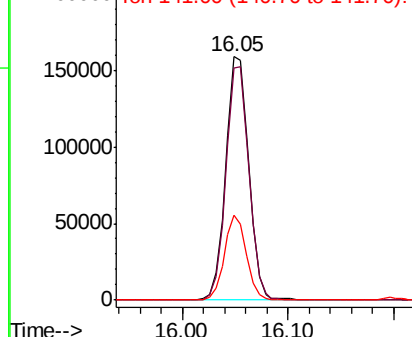
Lab File: BG046542.D

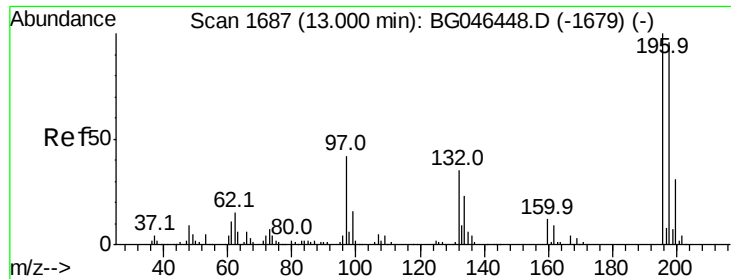
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	239187		
332	96.1		76.1	114.1
141	33.3		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





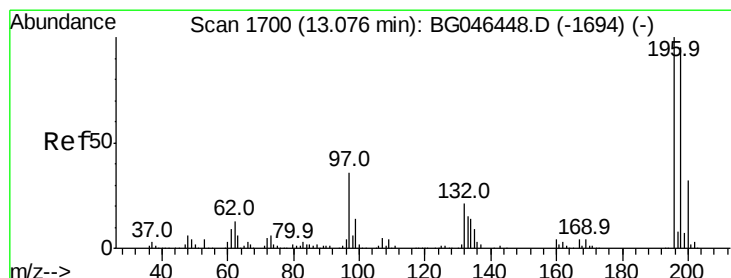
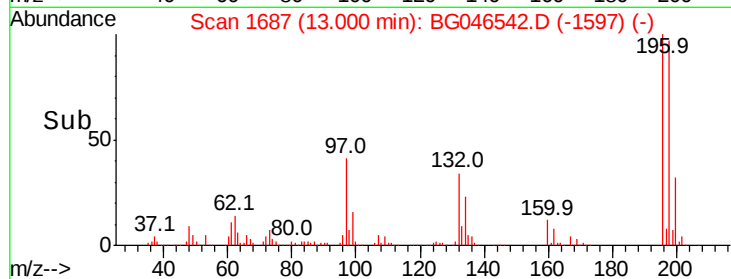
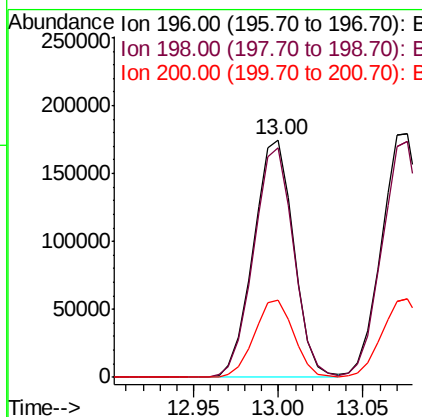
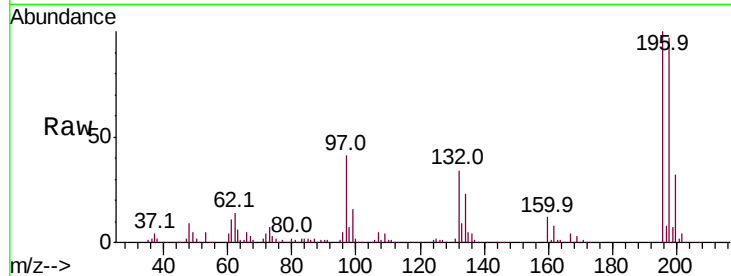
#43
 2,4,6-Trichlorophenol
 Concen: 53.212 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289147		
198	96.6	77.0	115.6	
200	32.5	25.2	37.8	

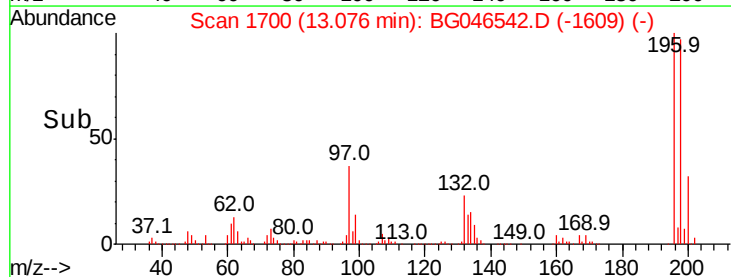
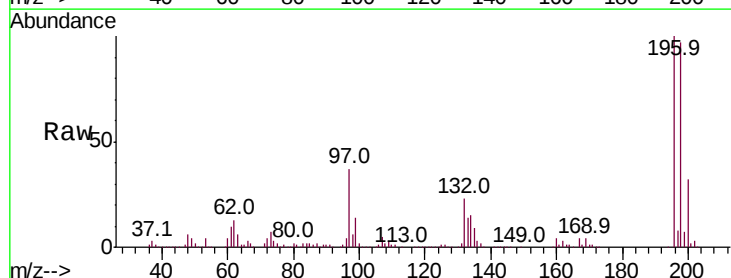
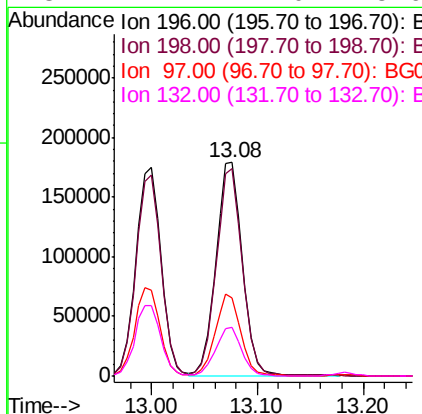
Manual Integrations
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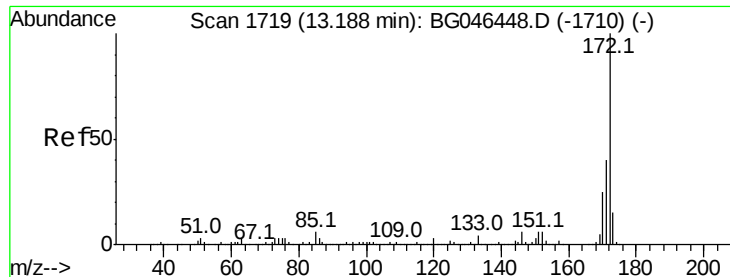
mohammad
 9/8/2020 1:45:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 54.468 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310966		
198	96.9	75.6	113.4	
97	36.6	28.6	43.0	
132	22.7	17.0	25.6	





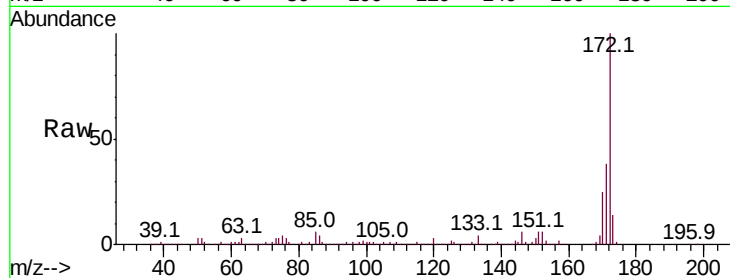
#45
2-Fluorobiphenyl
Concen: 56.729 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.4	20.3	30.5

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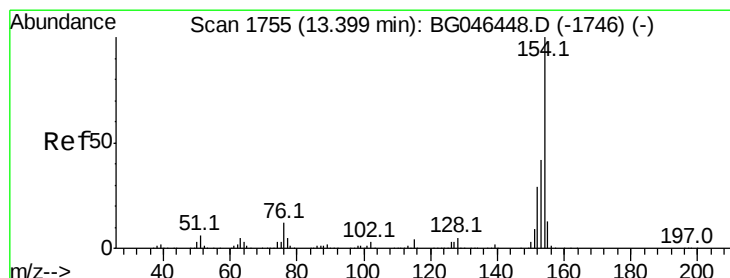
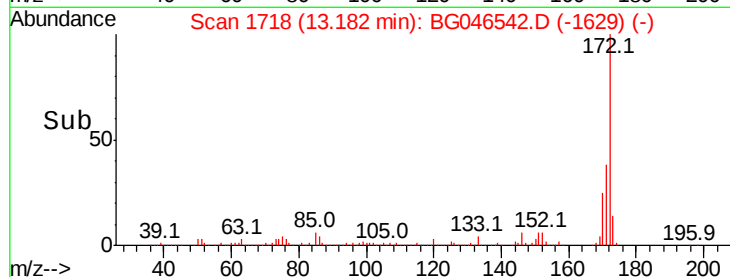
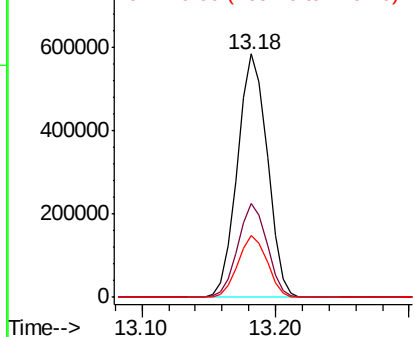


Abundance

Ion 172.00 (171.70 to 172.70): E

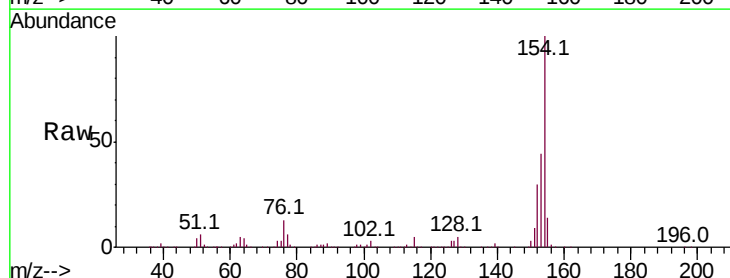
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 51.790 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.0	62.0
76	12.8	0.0	32.3

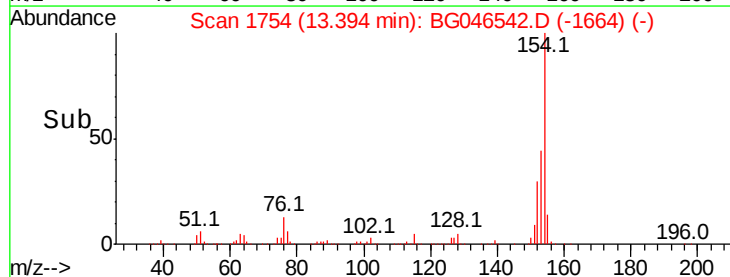
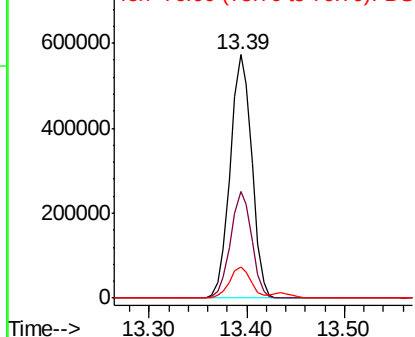


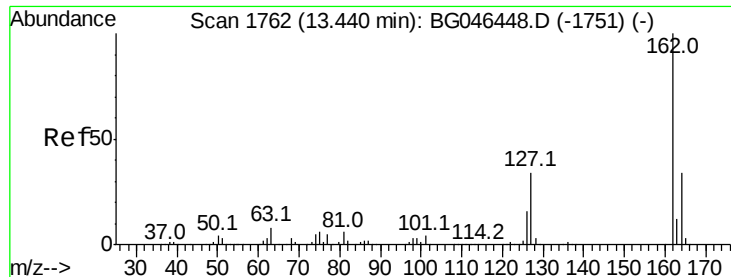
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





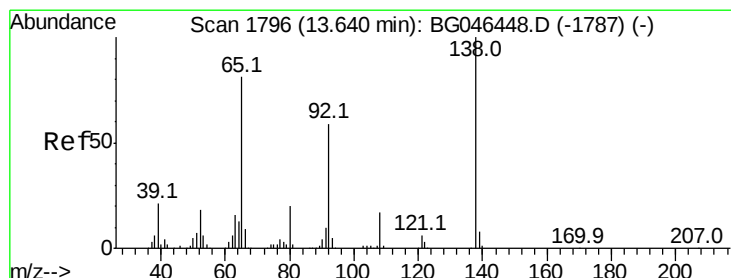
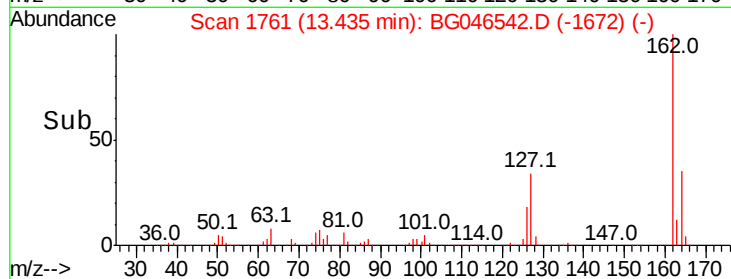
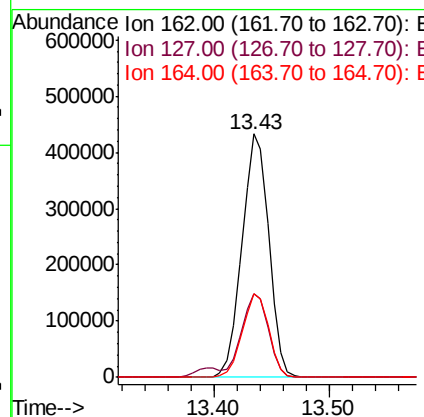
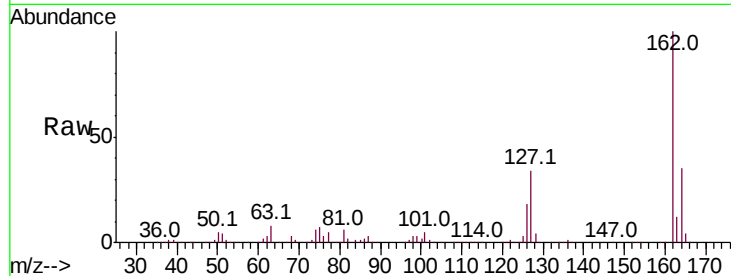
#47
 2-Chloronaphthalene
 Concen: 48.320 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	27.6	41.4
164	34.5	27.3	40.9

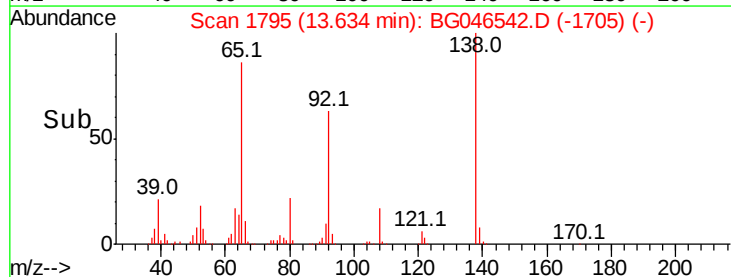
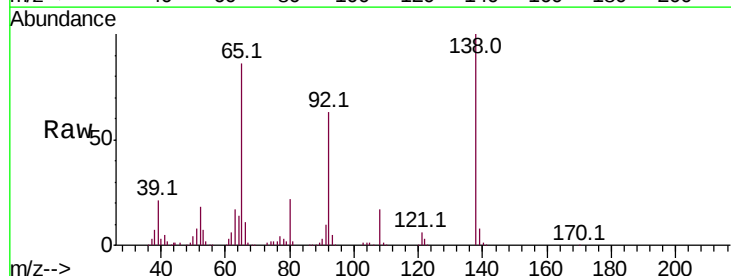
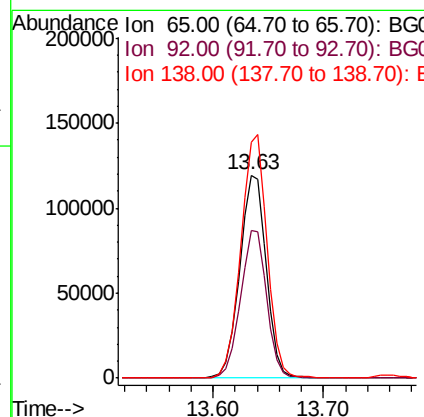
Manual Integrations
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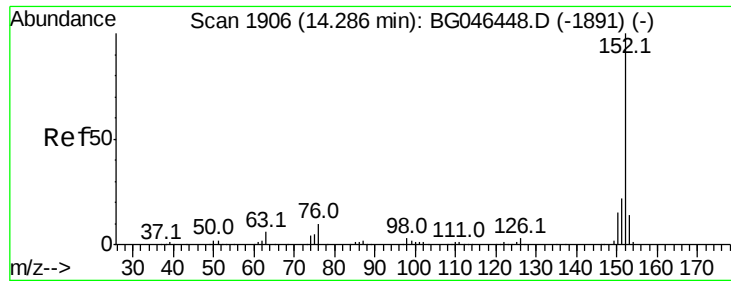
mohammad
 9/8/2020 1:45:15 PM



#48
 2-Nitroaniline
 Concen: 50.437 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.5	87.7
138	116.1	98.4	147.6





#49

Acenaphthylene

Concen: 50.116 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

Tot Ion:152 Resp: 1095027

Ion Ratio Lower Upper

152 100

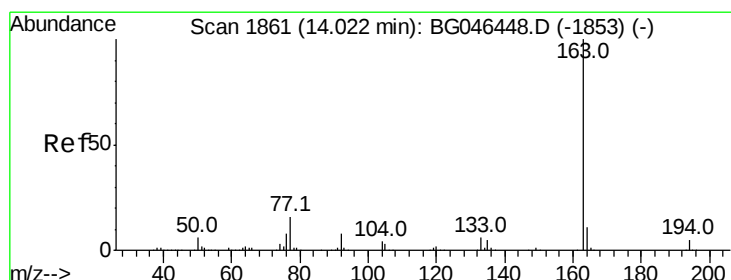
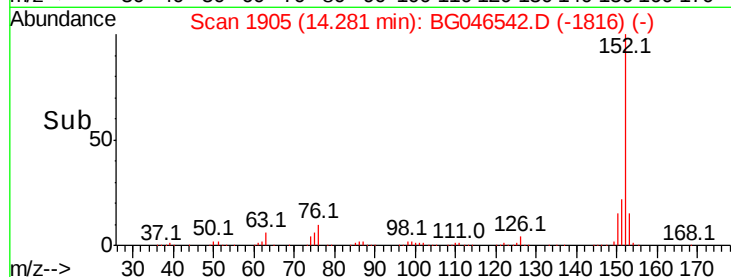
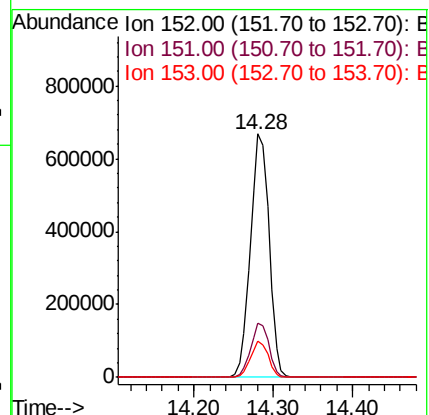
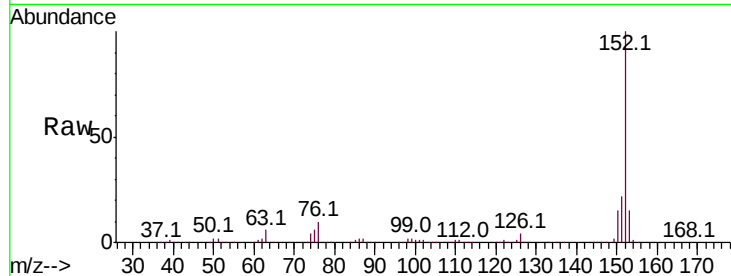
151 22.3 17.7 26.5

153 14.7 11.2 16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.506 ng

RT: 14.02 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

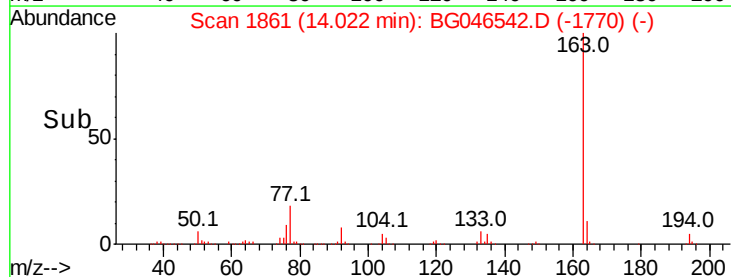
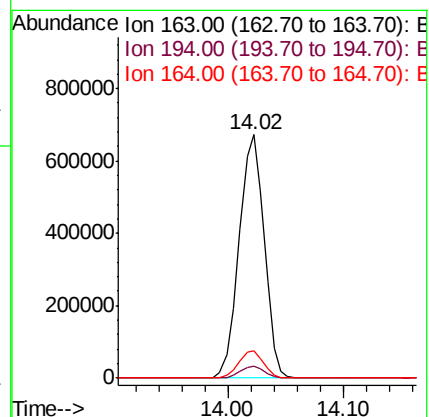
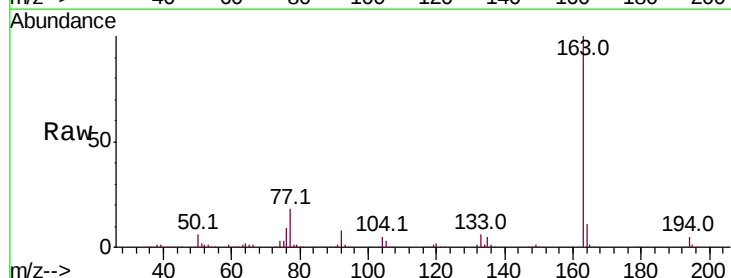
Tgt Ion:163 Resp: 1010790

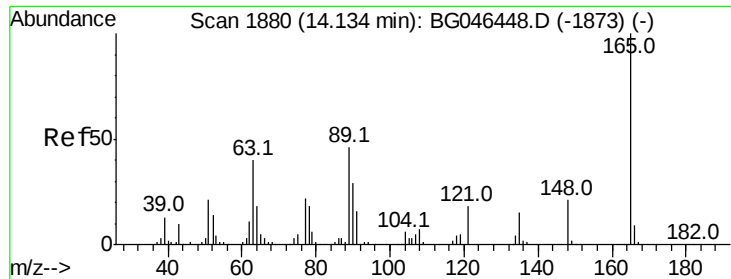
Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

164 11.4 8.6 12.8





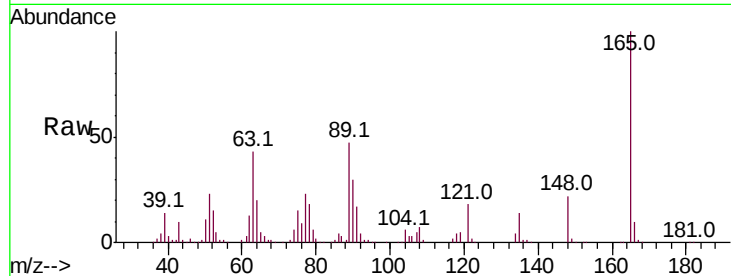
#51
2,6-Dinitrotoluene
Concen: 52.191 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217336		
63	43.1		34.2	51.4
89	46.8		37.0	55.4

Manual Integrations
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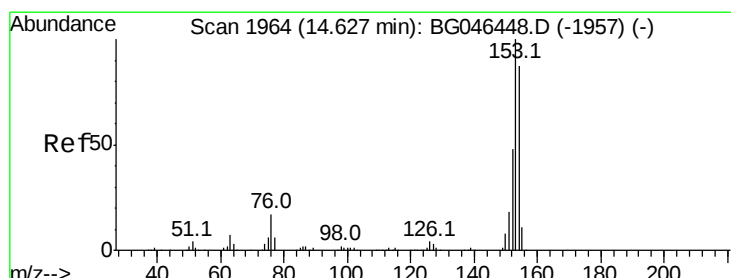
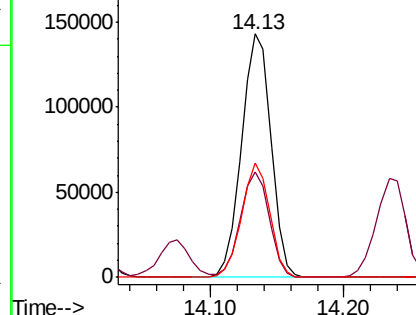
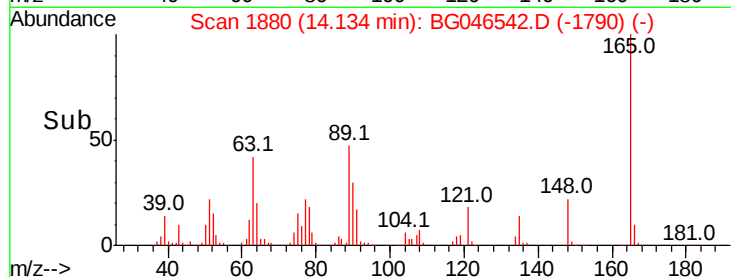


Abundance

Ion 165.00 (164.70 to 165.70): E

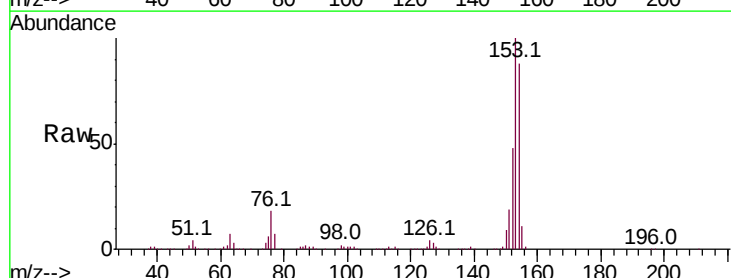
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
Acenaphthene
Concen: 49.831 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	674716		
153	113.4		91.9	137.9
152	54.5		43.8	65.6

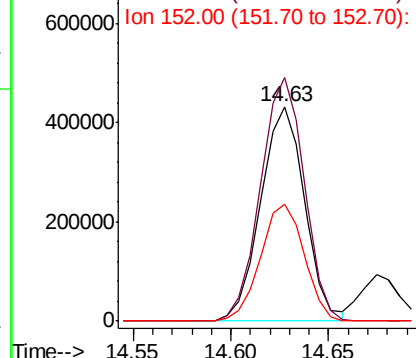
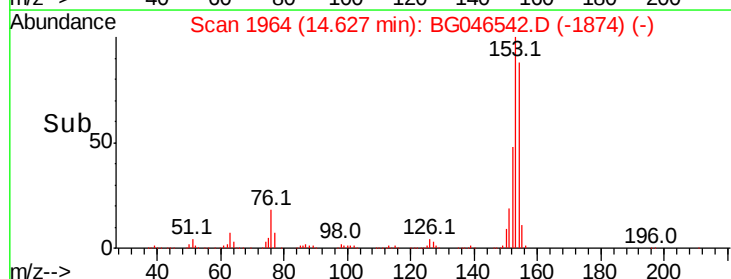


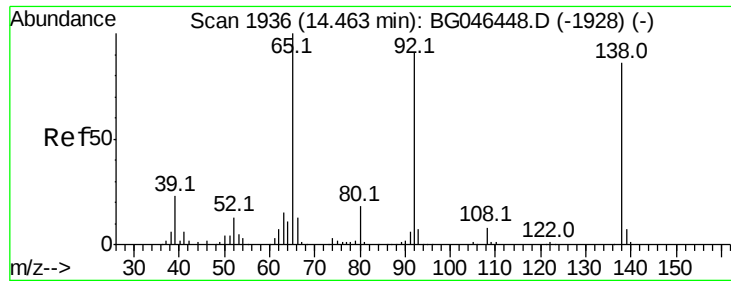
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





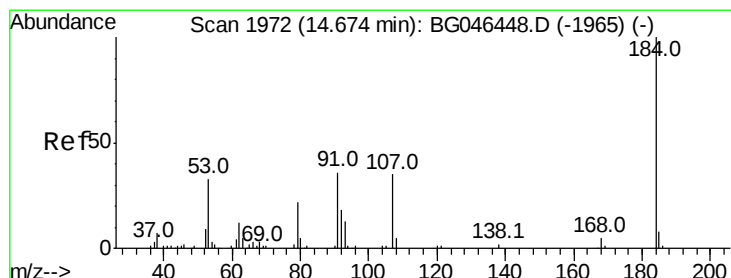
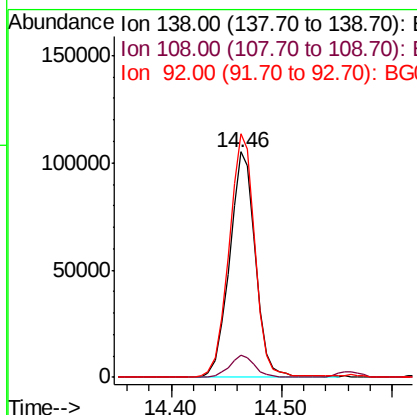
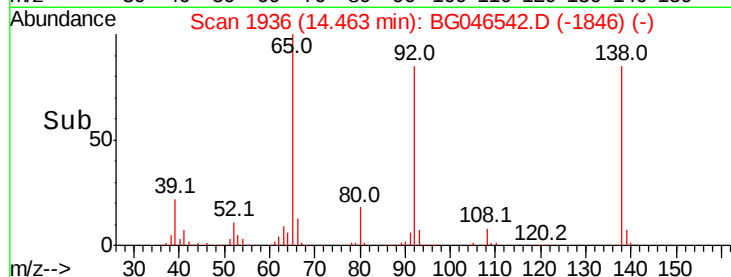
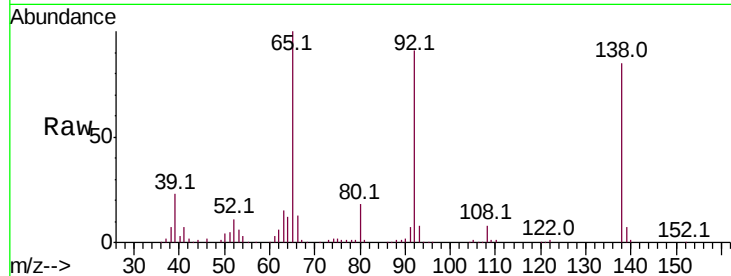
#53
3-Nitroaniline
Concen: 38.210 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:138	Resp:	172356
Ion Ratio	Lower	Upper
138	100	
108	9.8	7.0 10.6
92	108.0	84.6 127.0

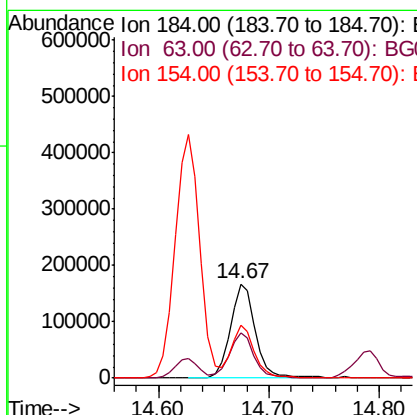
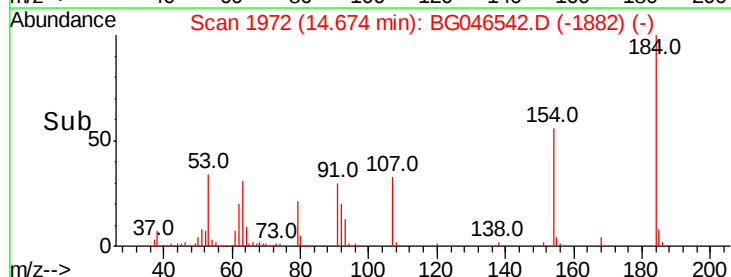
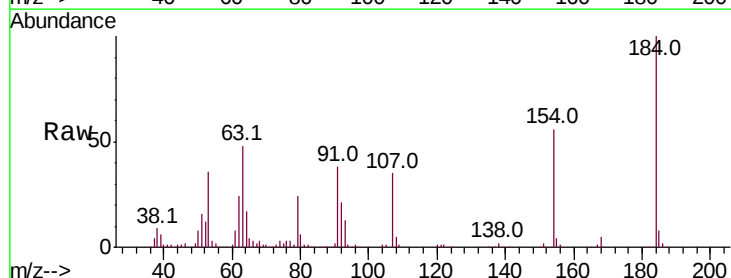
Manual Integrations
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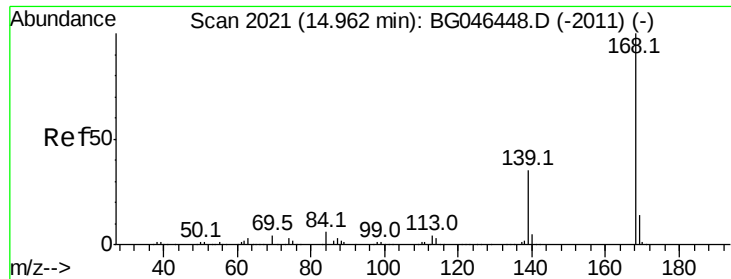
mohammad
9/8/2020 1:45:15 PM



#54
2,4-Dinitrophenol
Concen: 109.594 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:184	Resp:	266391
Ion Ratio	Lower	Upper
184	100	
63	47.9	35.6 53.4
154	55.6	44.3 66.5





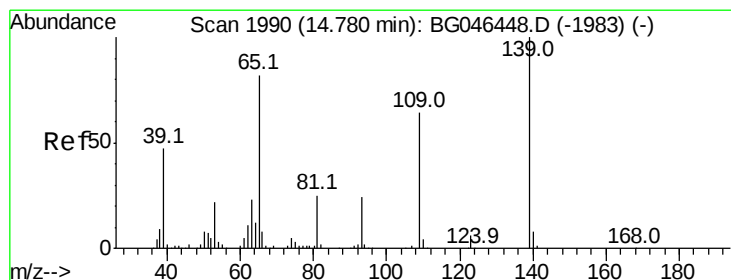
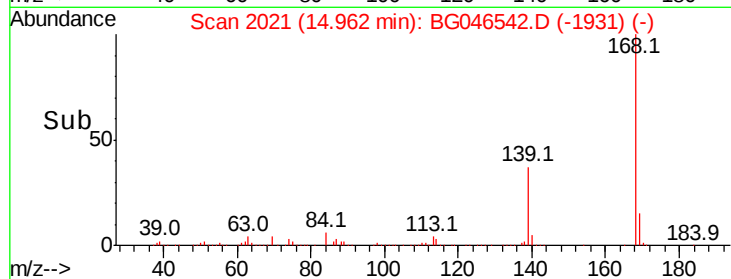
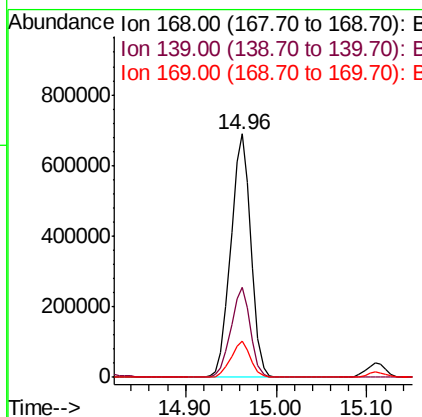
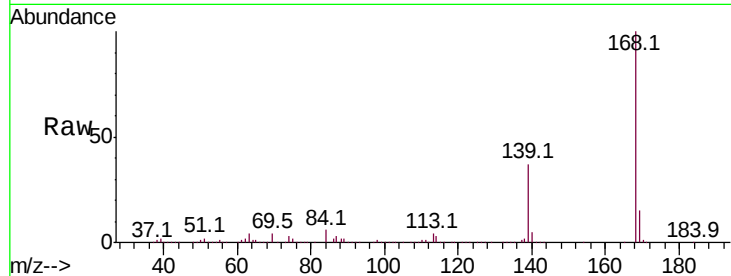
#55
Dibenzenofuran
Concen: 48.854 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.1	42.1
169	14.7	11.5	17.3

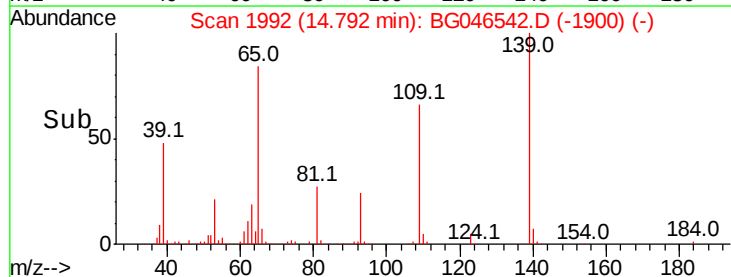
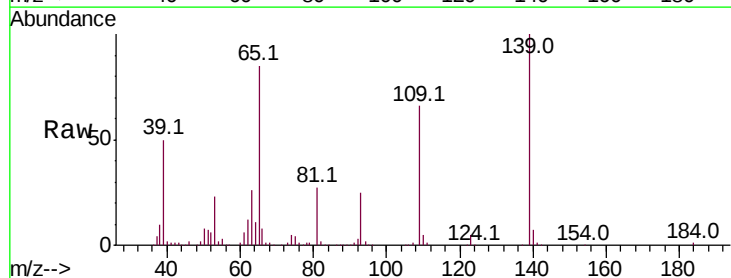
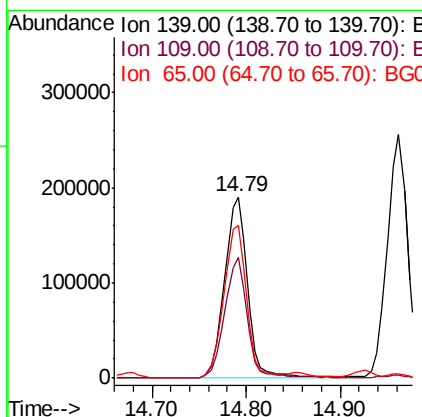
Manual Integrations
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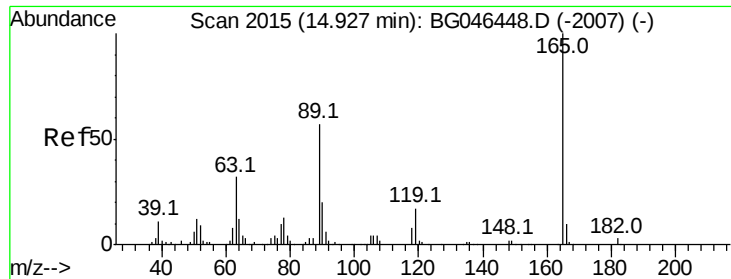
mohammad
9/8/2020 1:45:15 PM



#56
4-Nitrophenol
Concen: 98.352 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	44.3	84.3
65	84.7	61.5	101.5





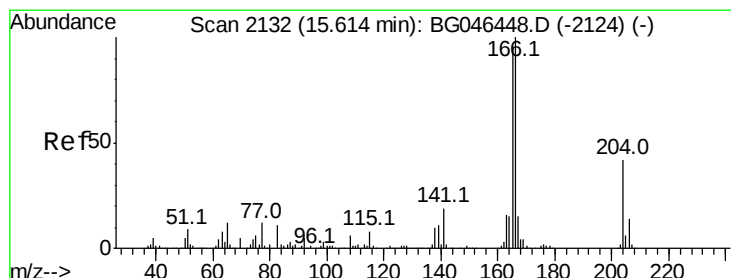
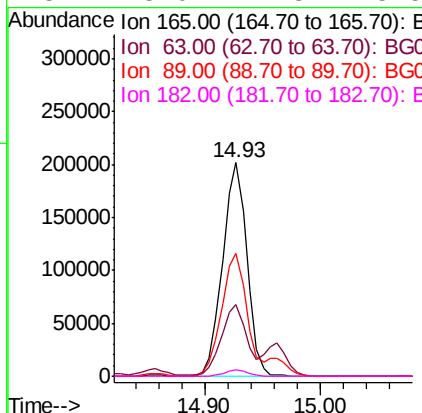
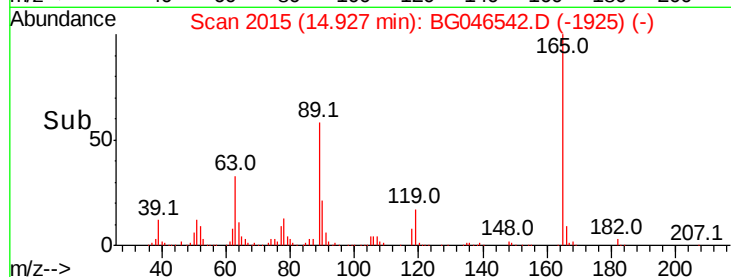
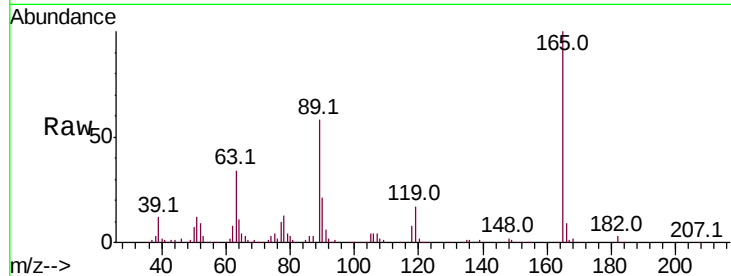
#57
2,4-Dinitrotoluene
Concen: 49.570 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	294331		
63	33.5	25.4	38.0	
89	57.5	45.9	68.9	
182	3.0	2.3	3.5	

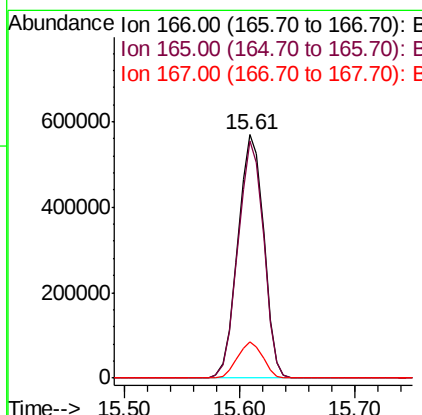
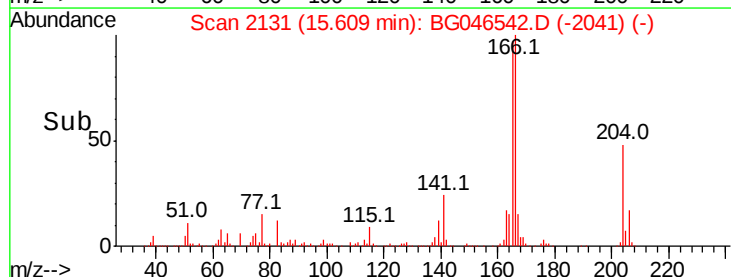
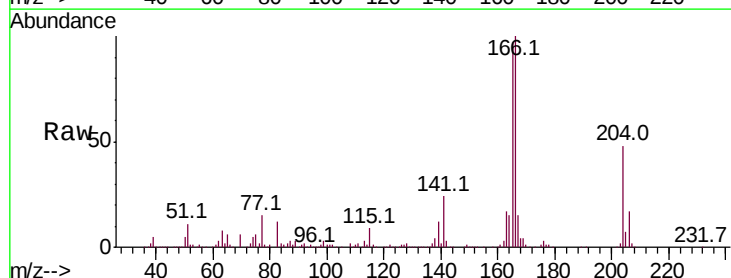
Manual Integrations
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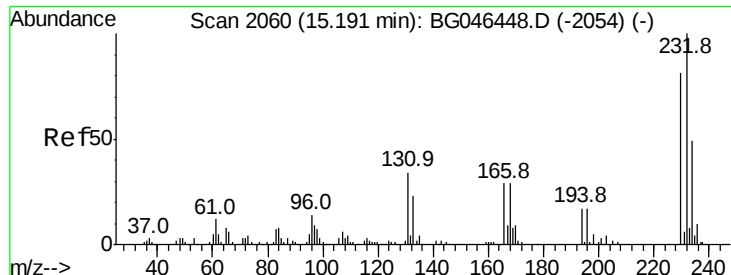
mohammad
9/8/2020 1:45:15 PM



#58
Fluorene
Concen: 48.476 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	884084		
165	97.3	77.0	115.4	
167	14.8	11.8	17.6	





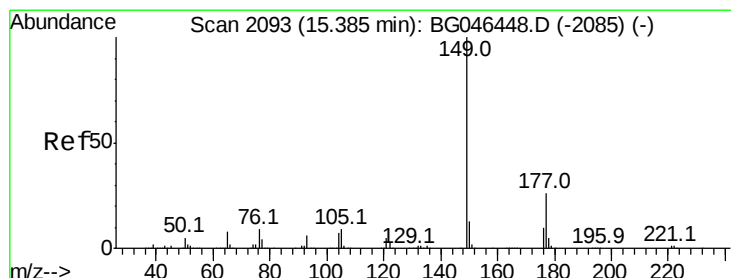
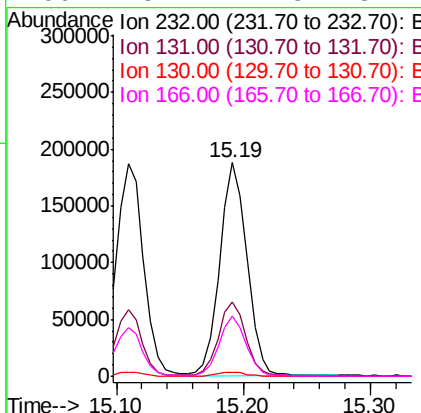
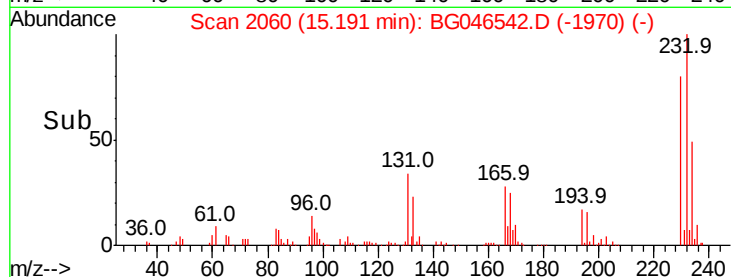
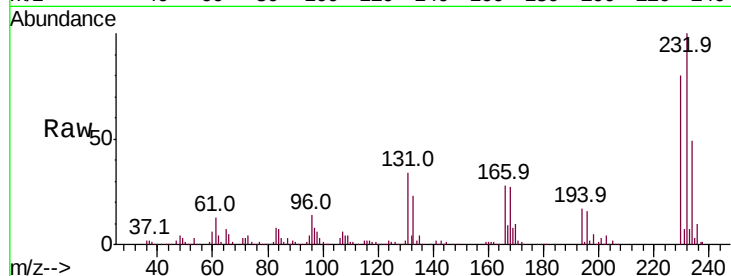
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.318 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	278966		
131	34.5	26.8	40.2	
130	1.9	1.4	2.2	
166	28.1	22.8	34.2	

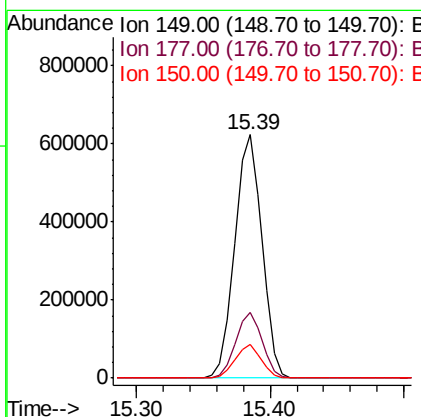
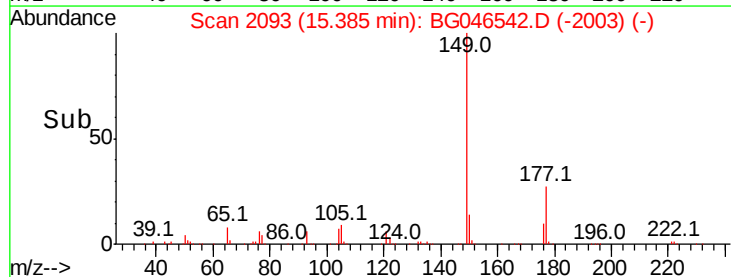
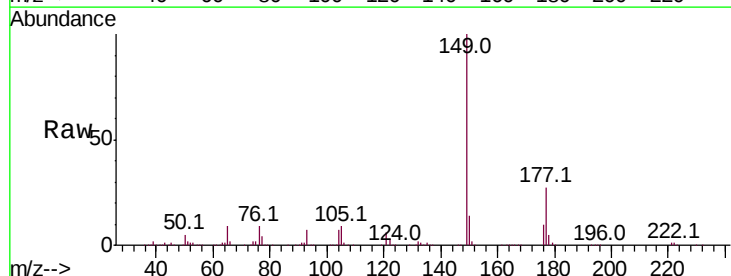
Manual Integrations
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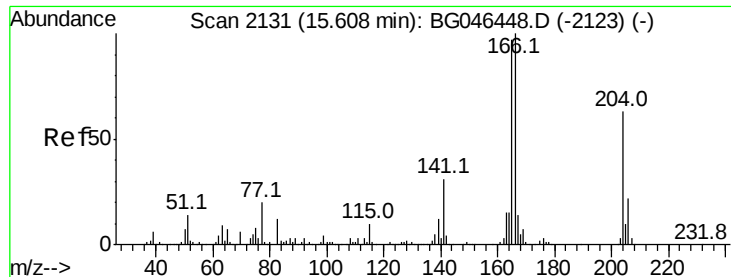
mohammad
 9/8/2020 1:45:15 PM



#60
 Diethylphthalate
 Concen: 47.797 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	880362		
177	27.2	20.6	30.8	
150	13.6	10.3	15.5	





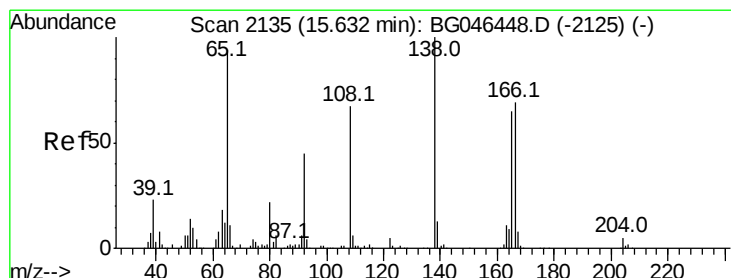
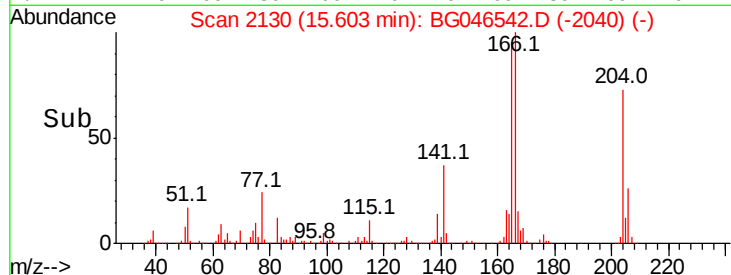
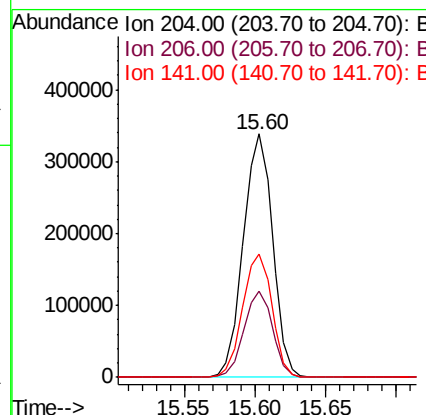
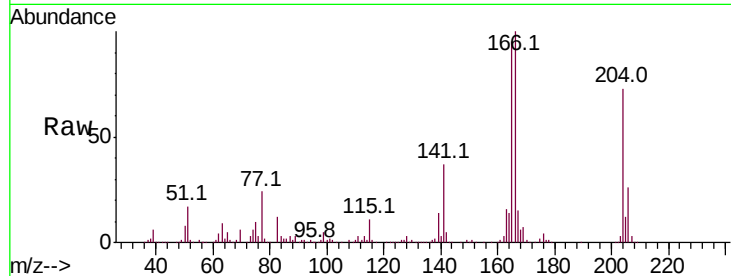
#61
4-Chlorophenyl-phenylether
Concen: 48.906 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	27.7	41.5
141	50.9	38.7	58.1

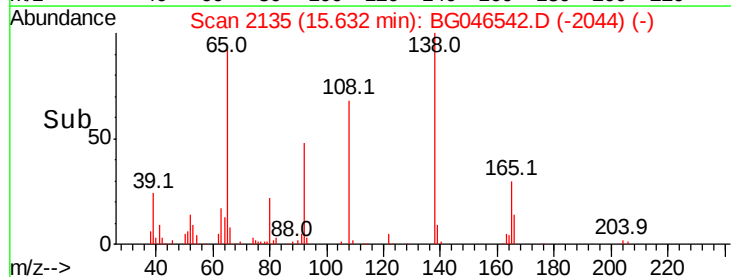
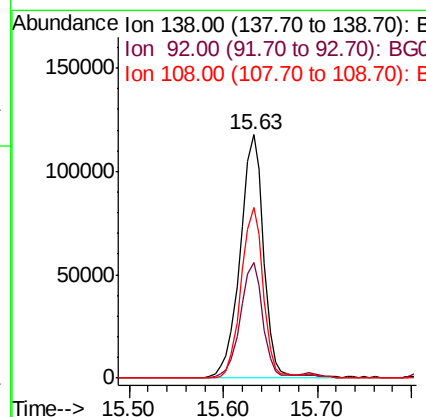
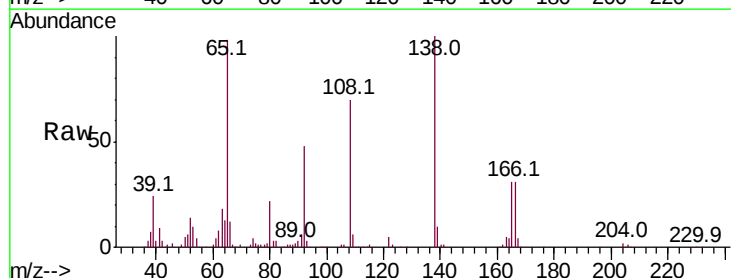
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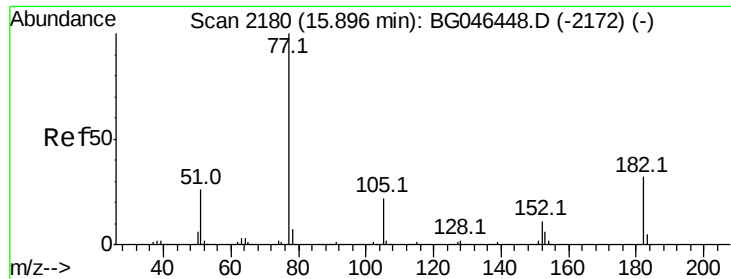
mohammad
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#62
4-Nitroaniline
Concen: 43.316 ng
RT: 15.63 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	25.3	65.3
108	69.9	46.7	86.7





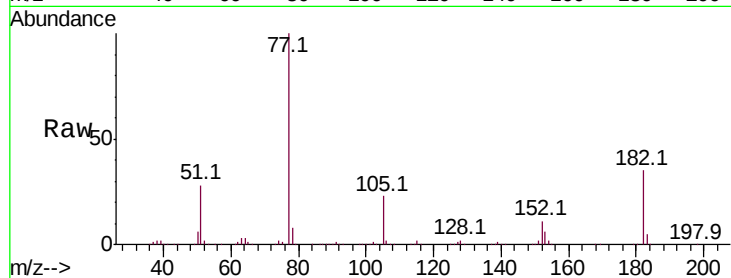
#63
Azobenzene
Concen: 50.102 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

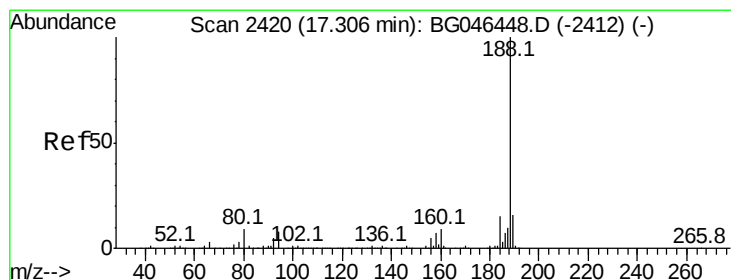
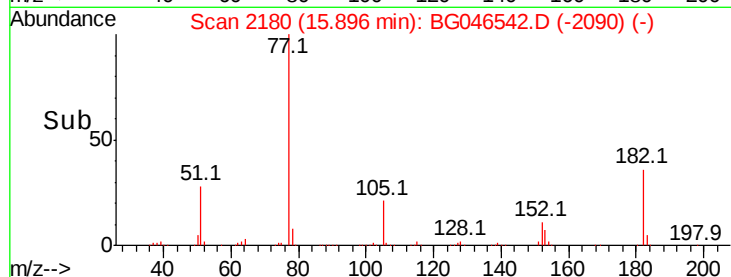
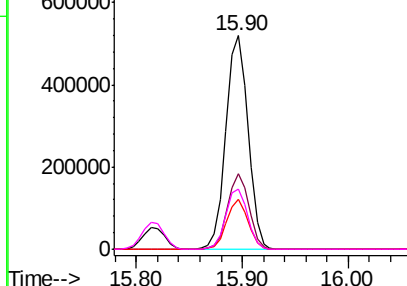
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		750659		
182	35.5	12.3	52.3		
105	23.2	2.3	42.3		
51	28.1	6.5	46.5		

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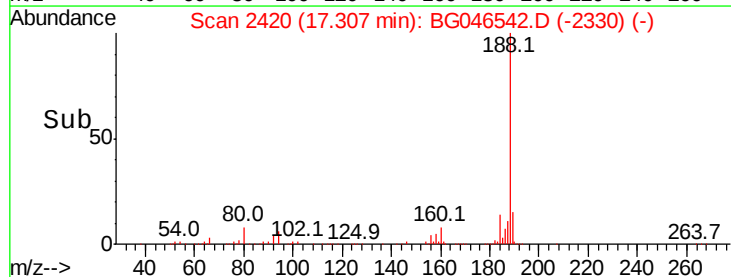
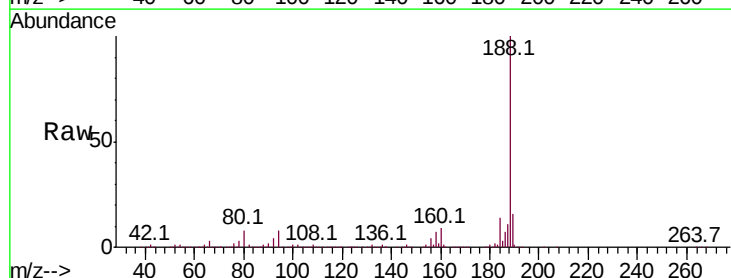
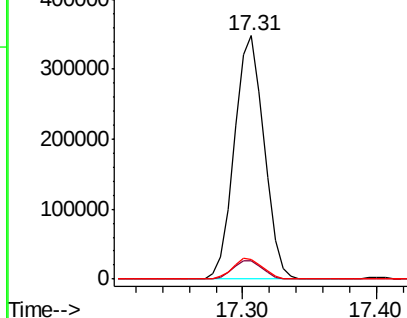
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

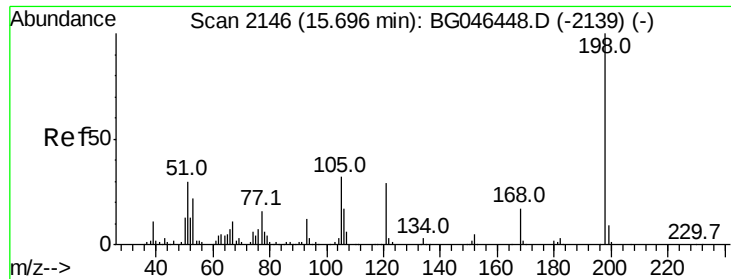


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		536692		
94	7.5	6.3	9.5		
80	8.1	6.9	10.3		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 63.844 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

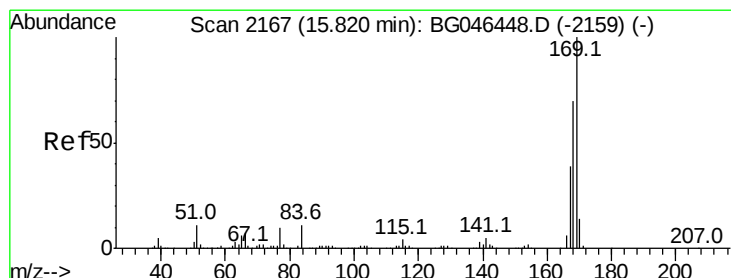
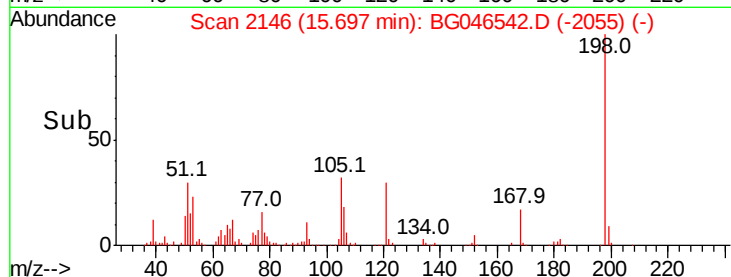
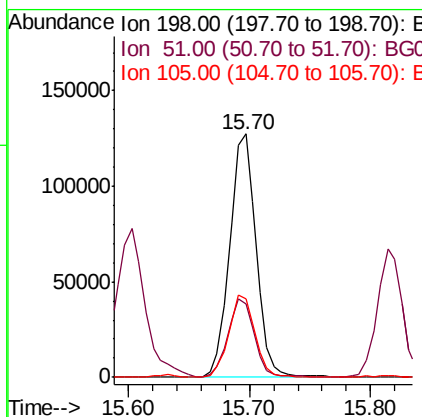
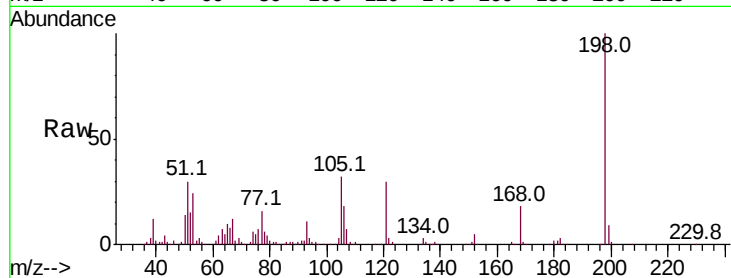
ClientSampleId :

AL-FALAH-5MSD

Tot Ion:	198	Resp:	193940
Ion Ratio	Lower	Upper	
198	100		
51	30.1	10.4	50.4
105	32.4	12.4	52.4

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#66

n-Nitrosodiphenylamine

Concen: 55.053 ng

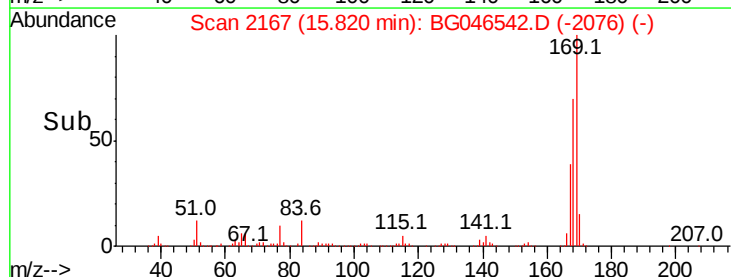
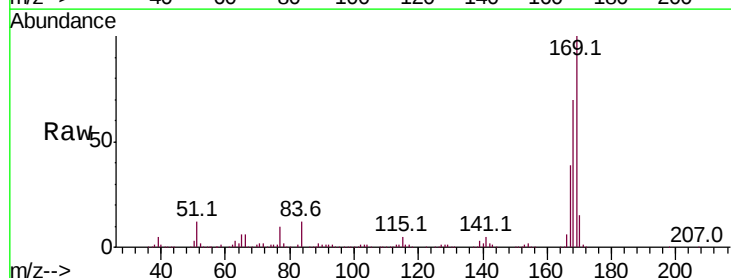
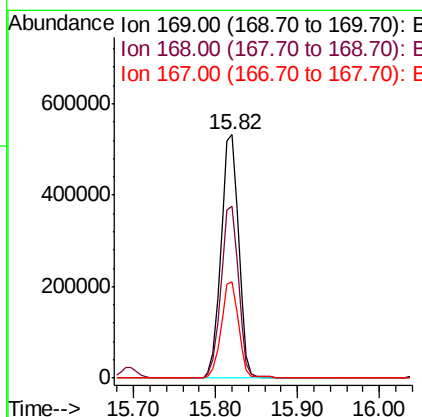
RT: 15.82 min Scan# 2167

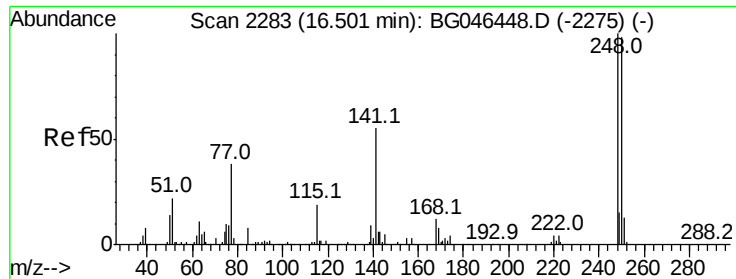
Delta R.T. 0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:	169	Resp:	797103
Ion Ratio	Lower	Upper	
169	100		
168	70.5	55.8	83.8
167	39.4	31.0	46.6





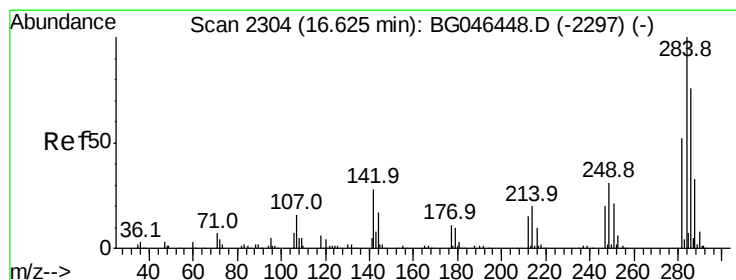
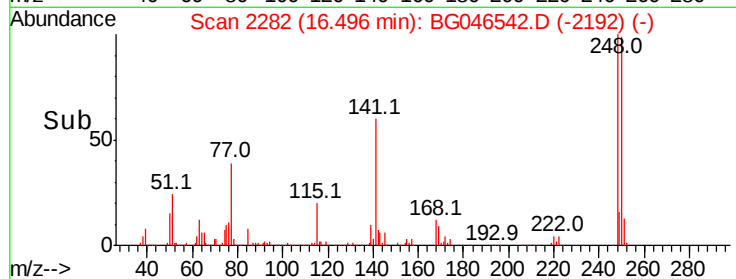
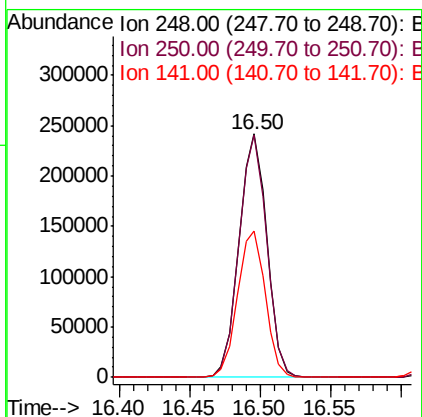
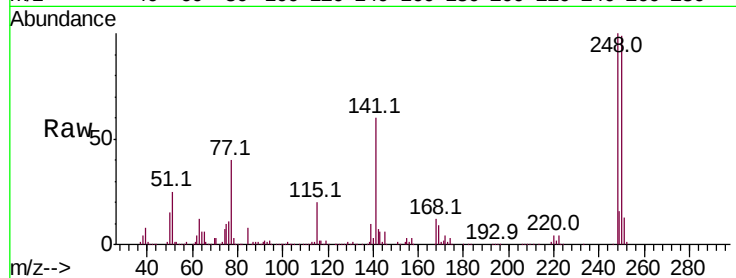
#67
4-Bromophenyl-phenylether
Concen: 53.245 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.6	118.0
141	59.9	43.9	65.9

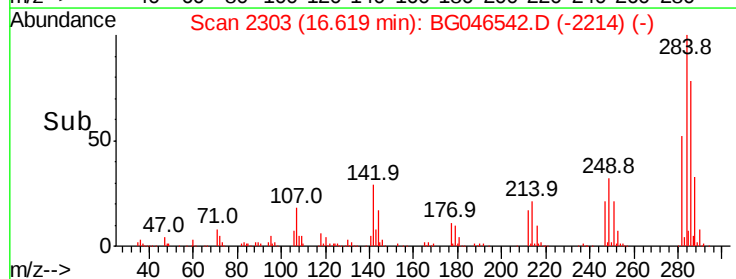
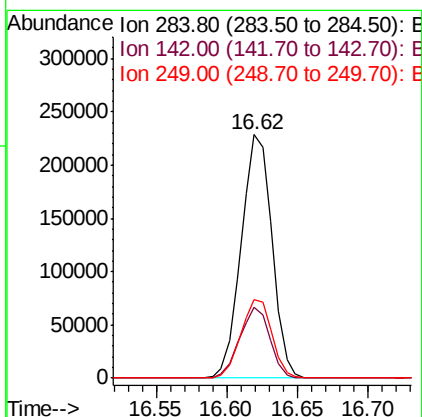
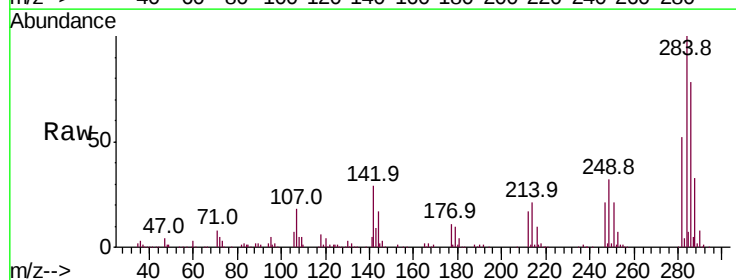
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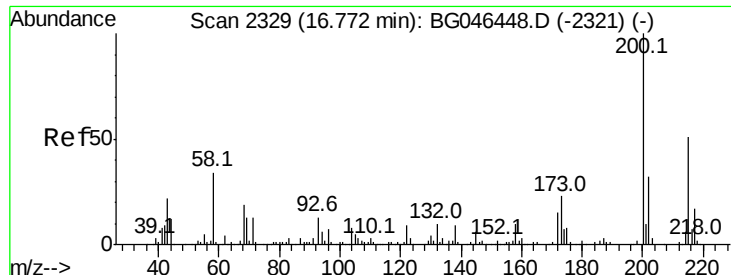
mohammad
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#68
Hexachlorobenzene
Concen: 50.318 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	22.3	33.5
249	32.5	24.8	37.2





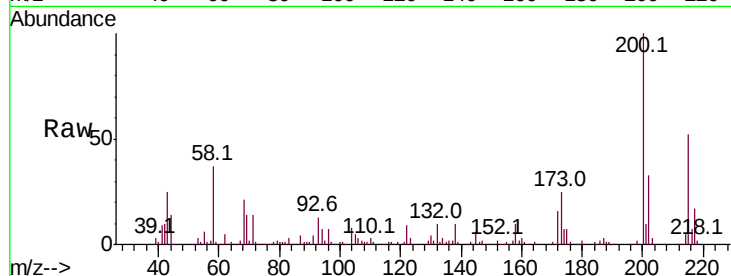
#69
Atrazine
Concen: 41.099 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

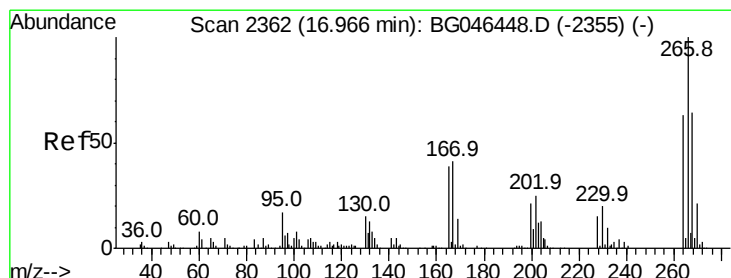
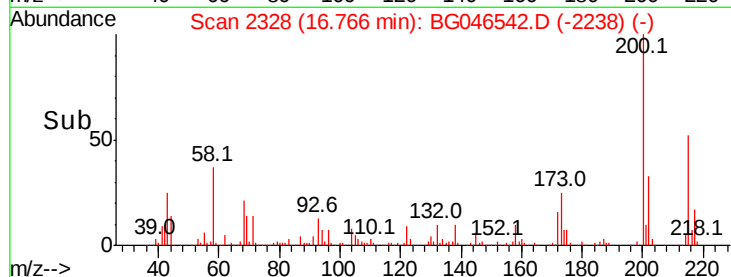
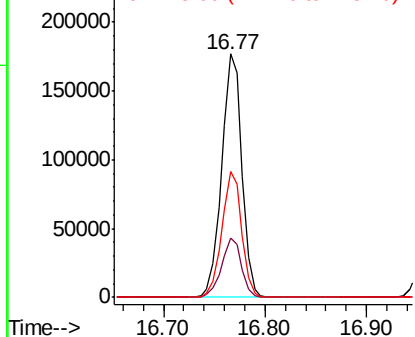
Tot Ion	Ratio	Resp	Lower	Upper
200	100	242758		
173	24.6	3.3	43.3	
215	51.5	30.9	70.9	

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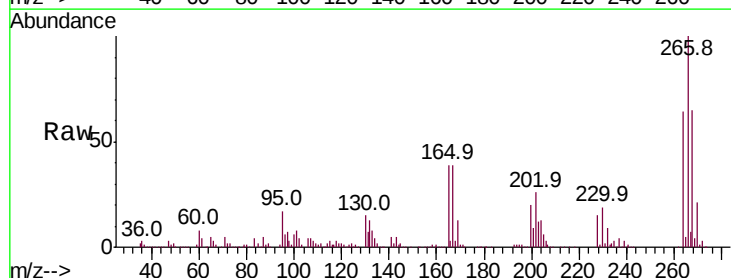


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

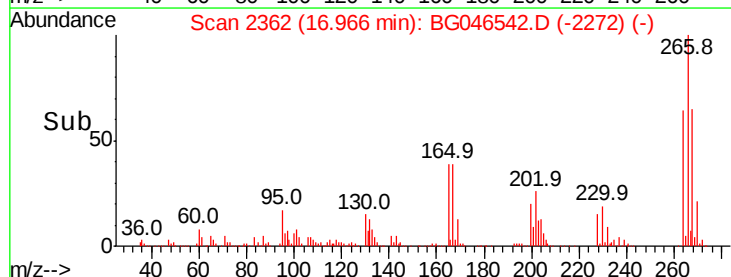
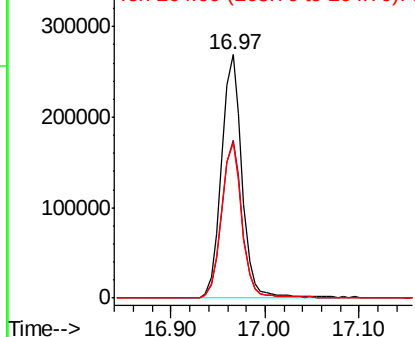


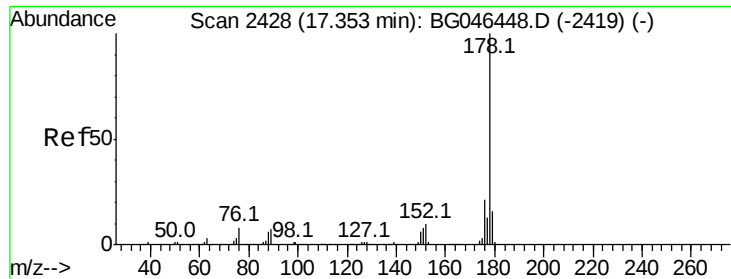
#70
Pentachlorophenol
Concen: 113.402 ng
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	410866		
268	64.6	51.1	76.7	
264	63.9	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





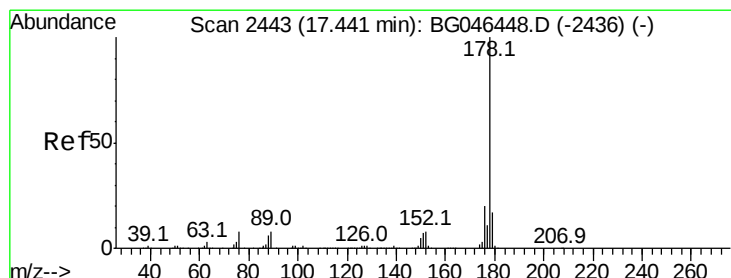
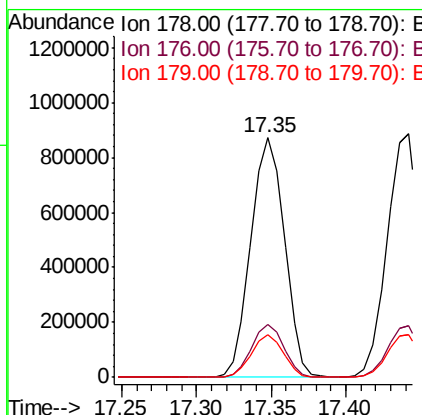
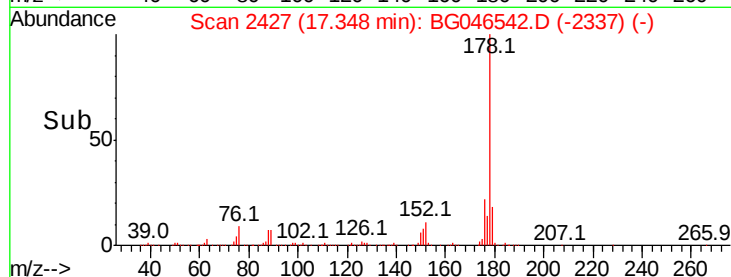
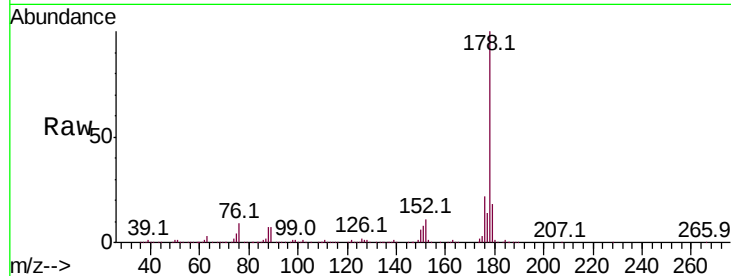
#71
Phenanthrene
Concen: 50.006 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:178 Resp: 1360333
Ion Ratio Lower Upper
178 100
176 22.2 16.8 25.2
179 17.9 13.2 19.8

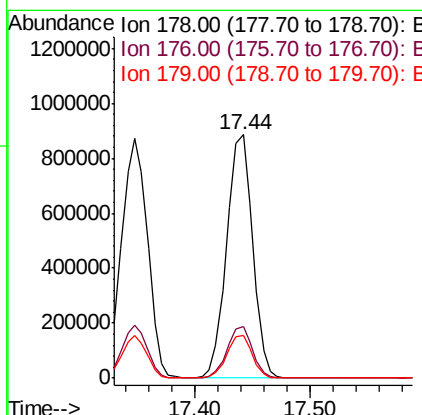
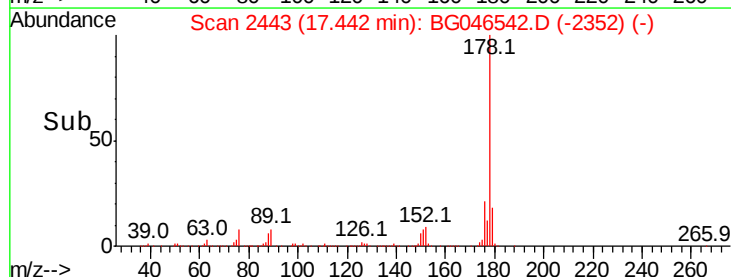
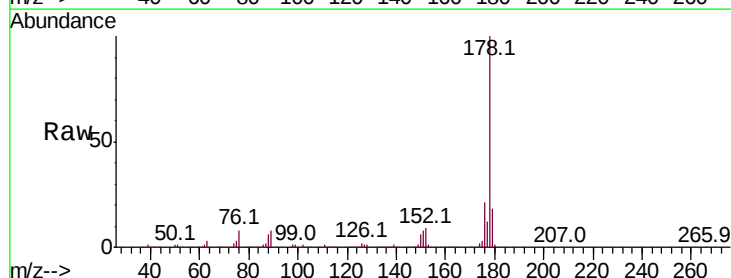
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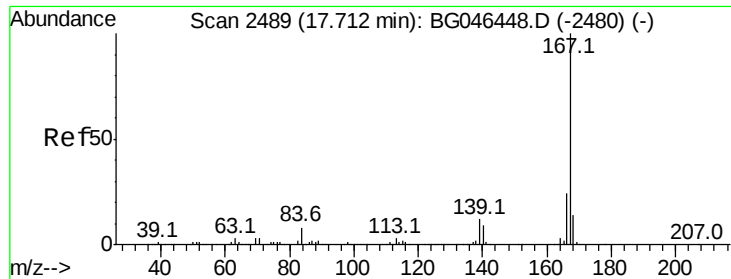
mohammad
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#72
Anthracene
Concen: 51.442 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:178 Resp: 1380676
Ion Ratio Lower Upper
178 100
176 21.4 16.1 24.1
179 17.8 13.3 19.9





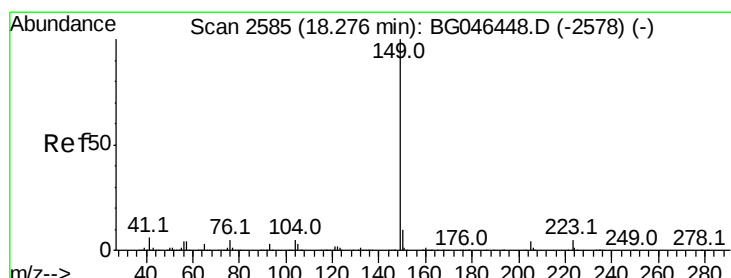
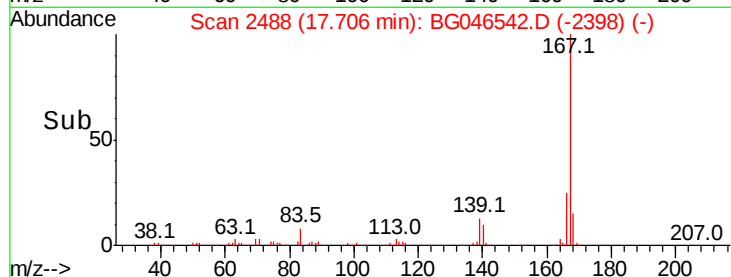
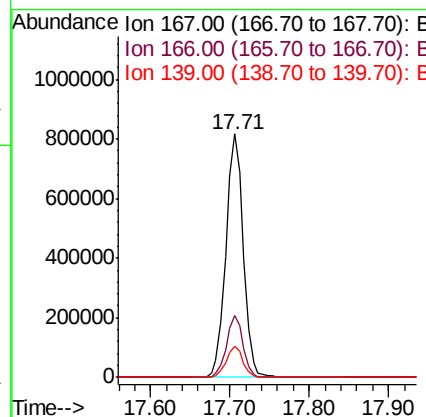
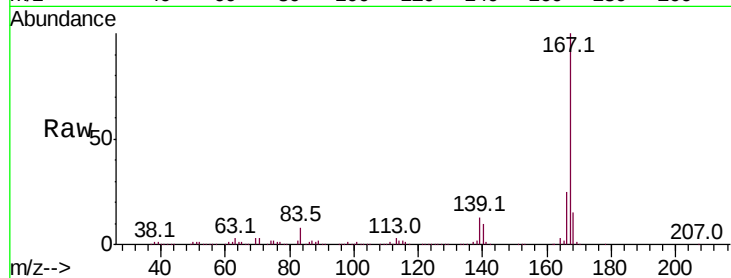
#73
 Carbazole
 Concen: 48.852 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.3	28.9
139	12.9	9.7	14.5

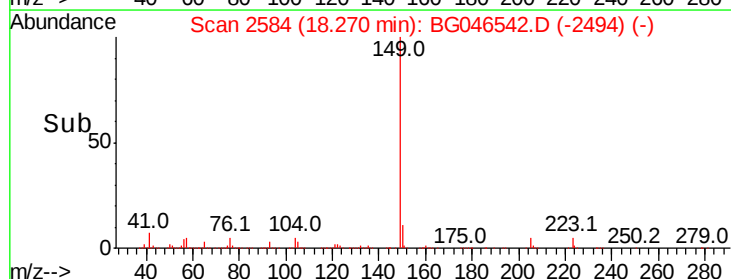
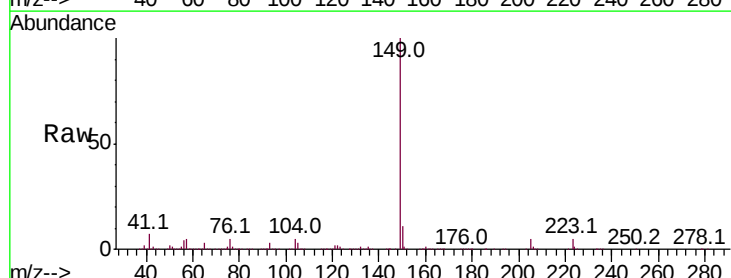
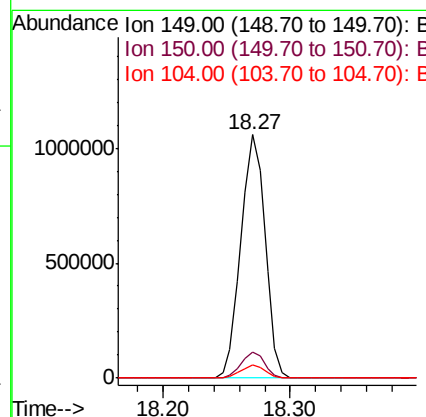
Manual Integrations
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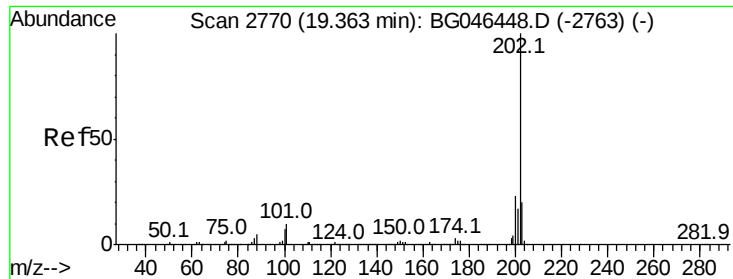
mohammad
 9/8/2020 1:45:15 PM



#74
 Di-n-butylphthalate
 Concen: 48.031 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.1	12.1
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 46.872 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

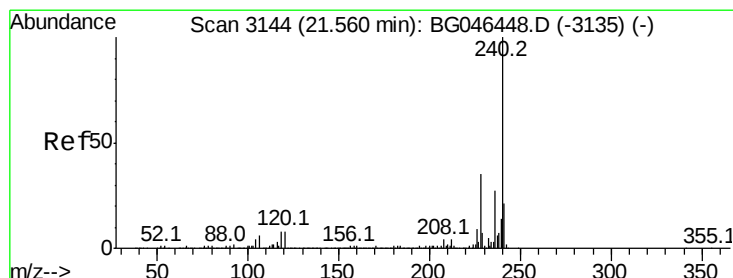
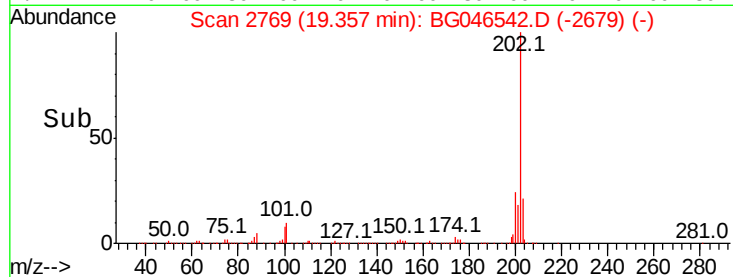
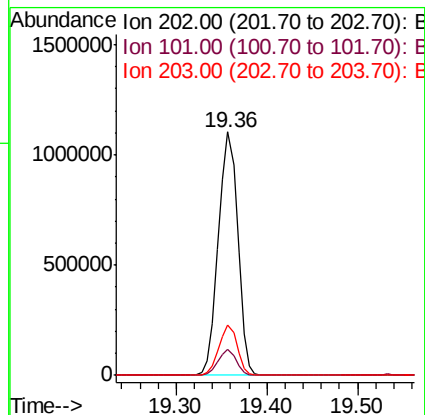
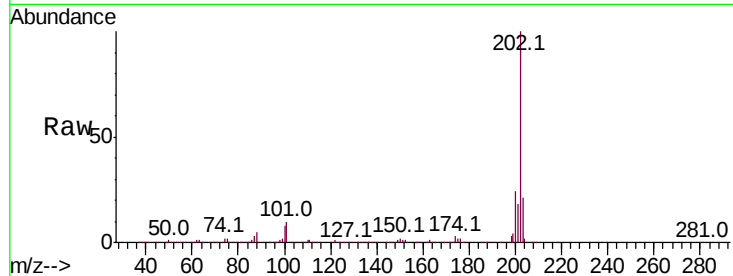
ClientSampleId :

AL-FALAH-5MSD

Tot Ion:	202	Resp:	1640884
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	29.9
203	20.6	0.0	40.0

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

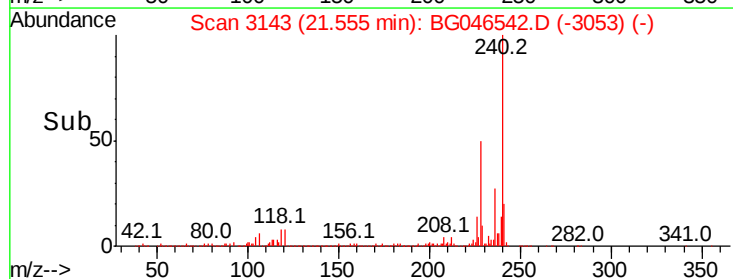
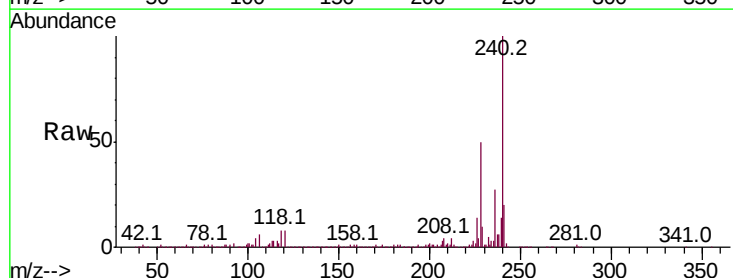
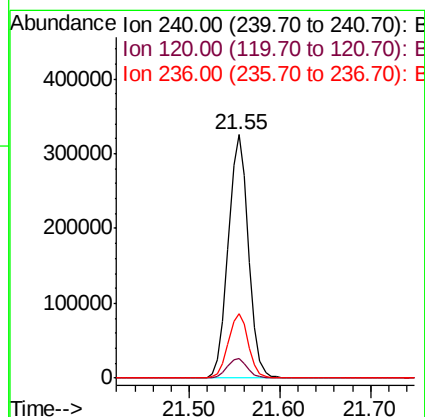
RT: 21.55 min Scan# 3143

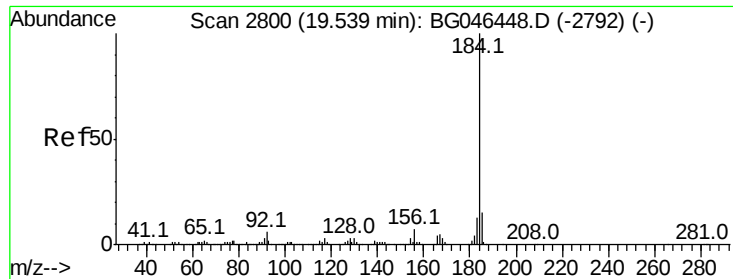
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:	240	Resp:	502192
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.6	10.0
236	26.6	21.4	32.2





#77

Benzidine

Concen: 94.638 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

Tot Ion:184 Resp: 1104364

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

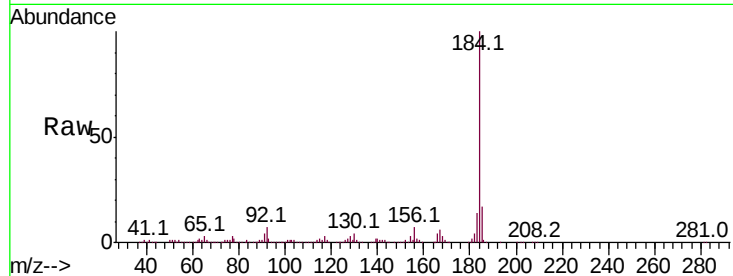
183 13.9 10.7 16.1

Manual Integrations

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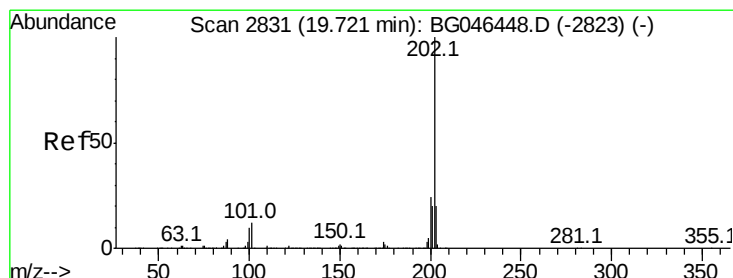
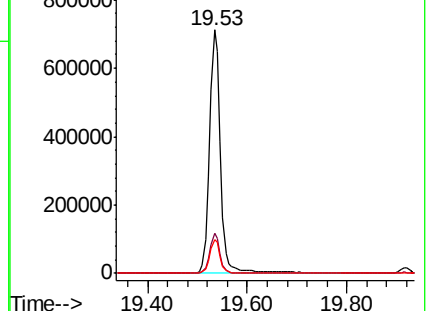
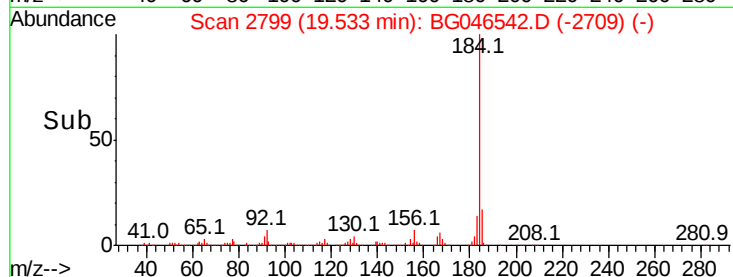
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.602 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

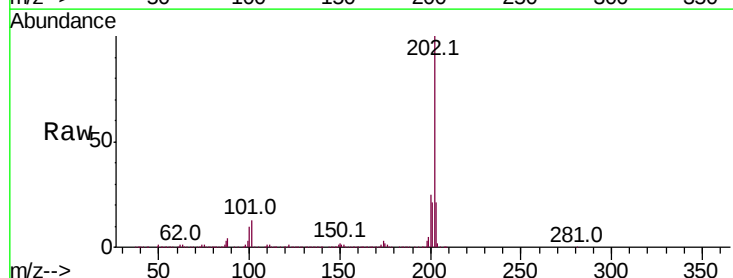
Tgt Ion:202 Resp: 1618200

Ion Ratio Lower Upper

202 100

200 24.9 18.9 28.3

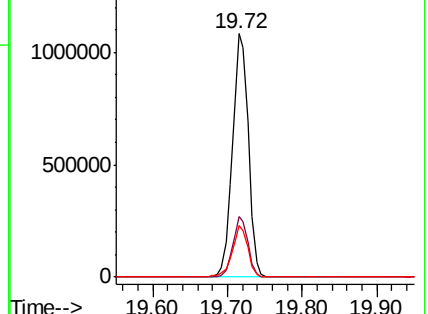
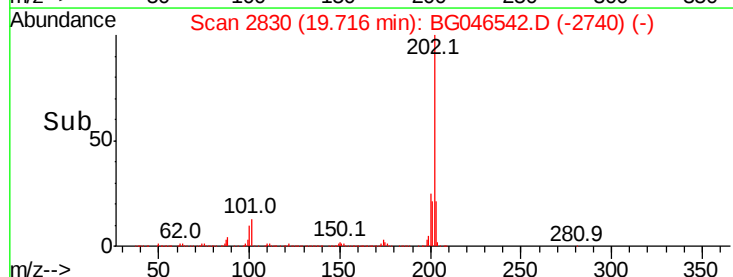
203 20.9 16.1 24.1

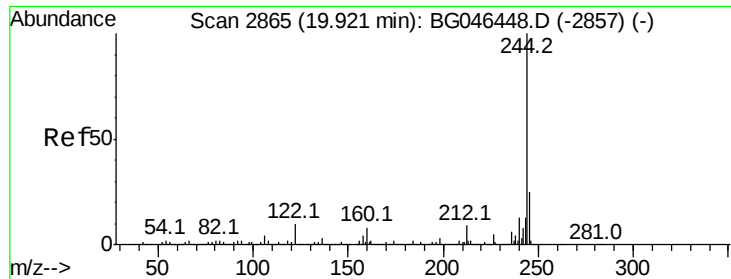


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





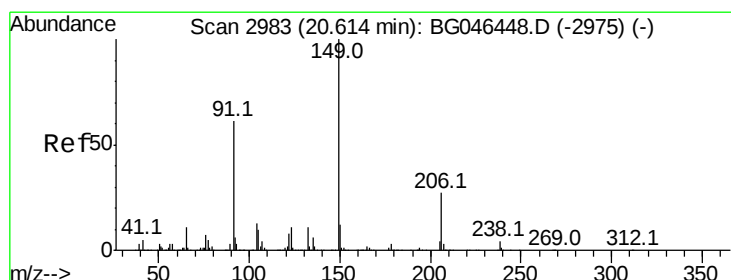
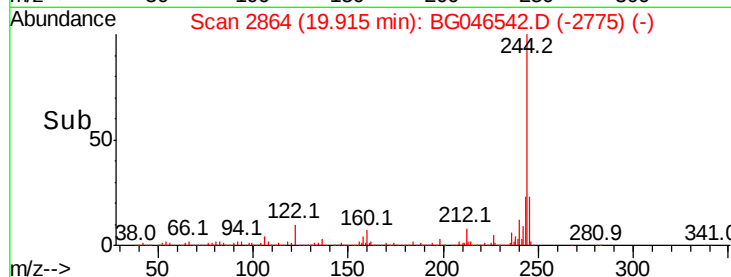
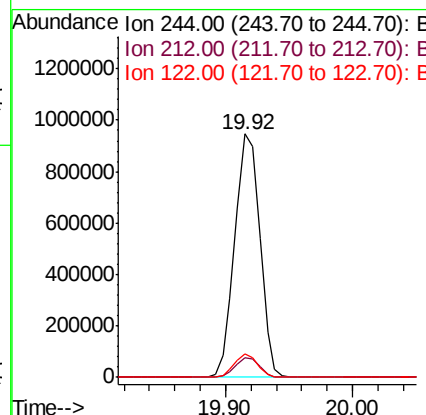
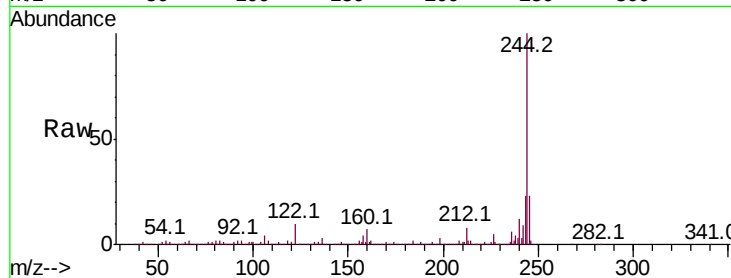
#79
 Terphenyl-d14
 Concen: 54.947 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion:	244	Resp:	1296590
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.6	8.2	12.4

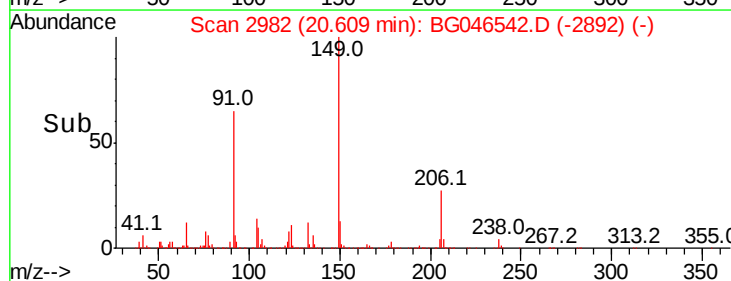
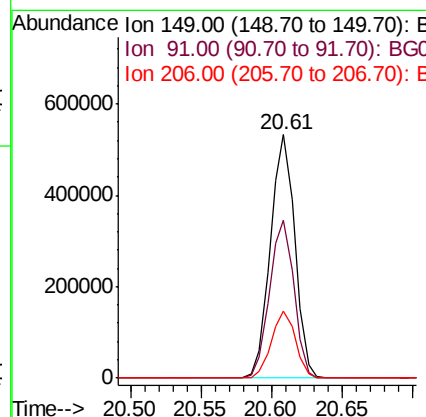
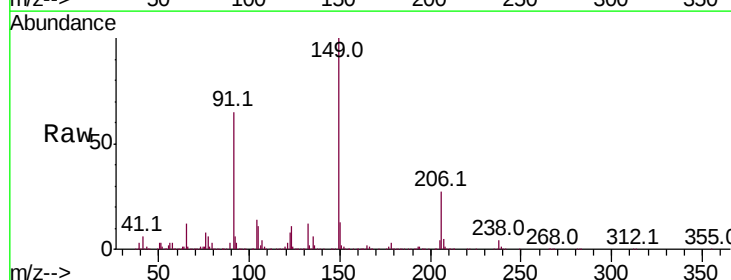
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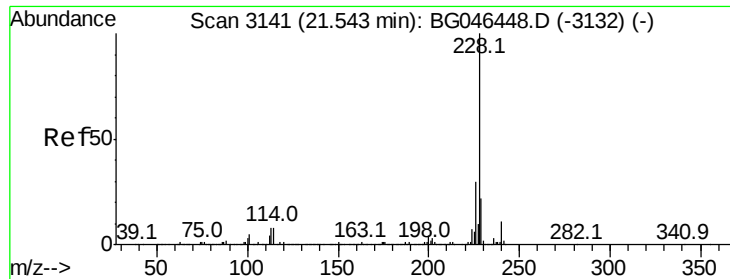
mohammad
 9/8/2020 1:45:15 PM



#80
 Butylbenzylphthalate
 Concen: 52.110 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion:	149	Resp:	649998
Ion	Ratio	Lower	Upper
149	100		
91	64.9	49.1	73.7
206	27.3	21.9	32.9





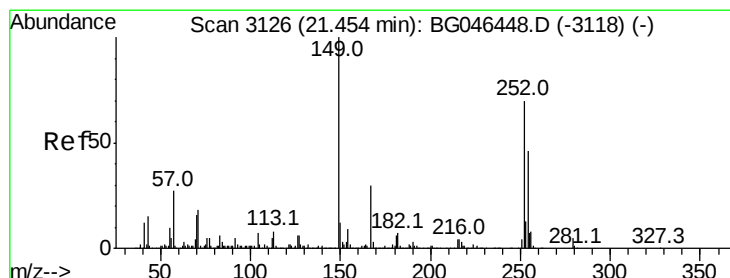
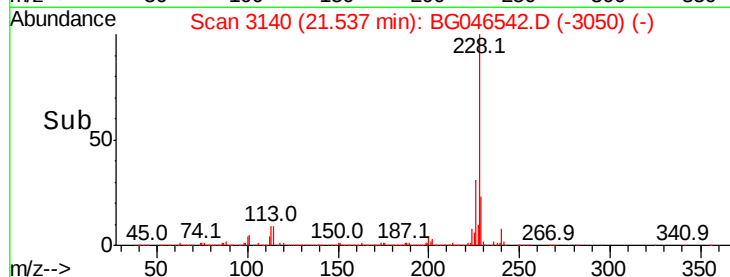
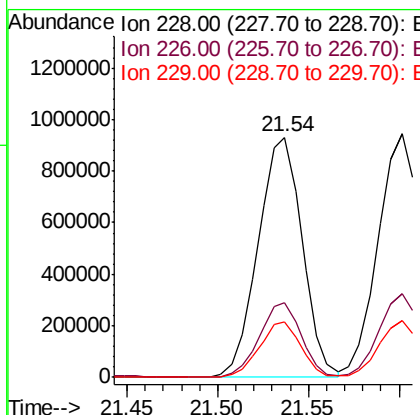
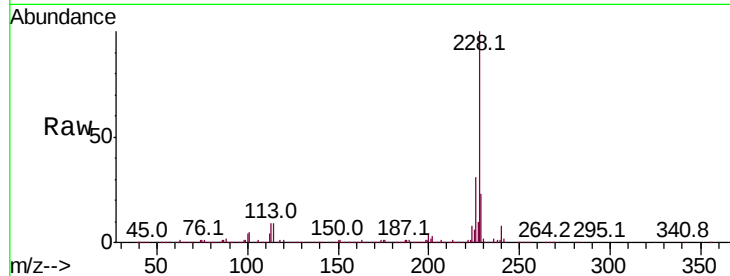
#81
Benzo(a)anthracene
Concen: 50.350 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	23.0	17.4	26.2

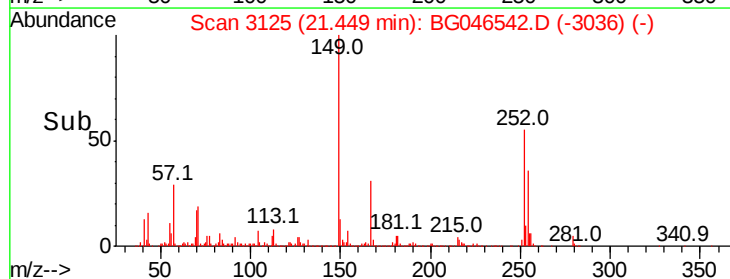
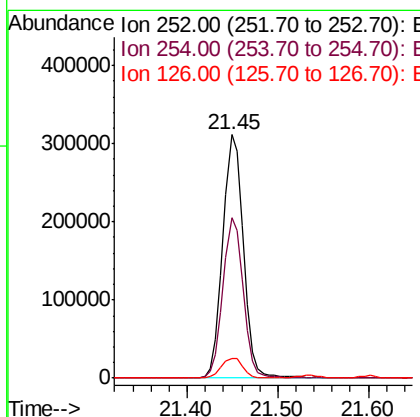
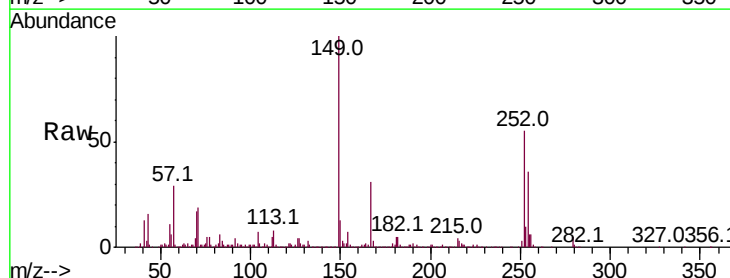
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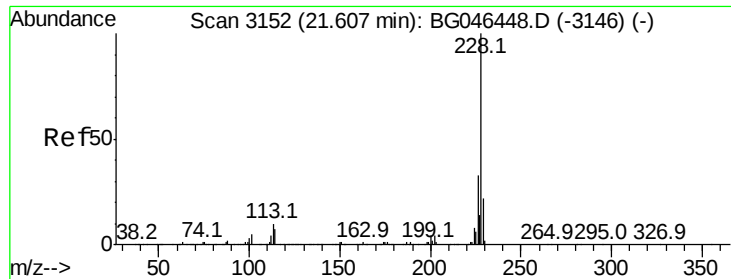
mohammad
9/8/2020 1:45:15 PM



#82
3,3'-Dichlorobenzidine
Concen: 42.457 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	8.1	7.4	11.0





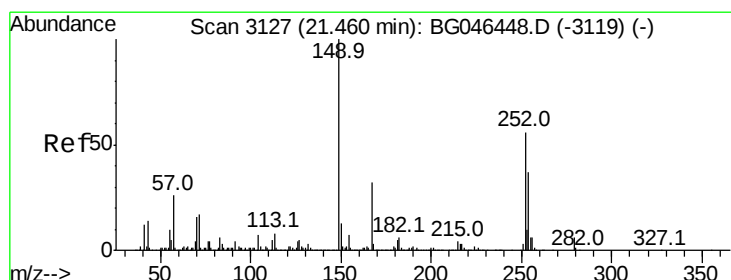
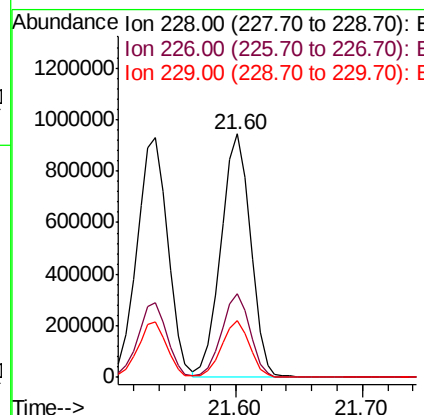
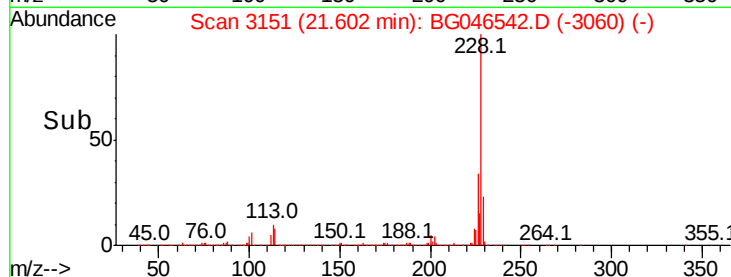
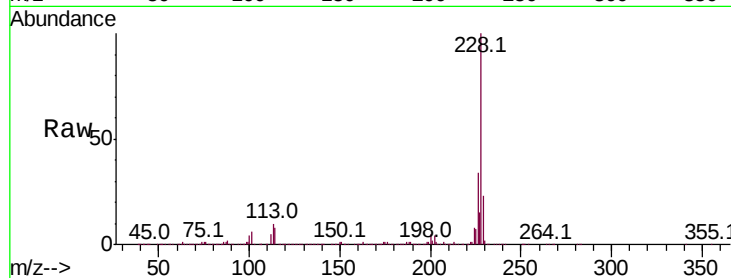
#83
 Chrvsene
 Concen: 50.895 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.2	39.4
229	23.4	17.9	26.9

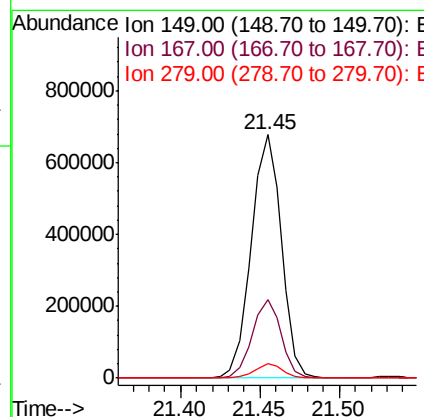
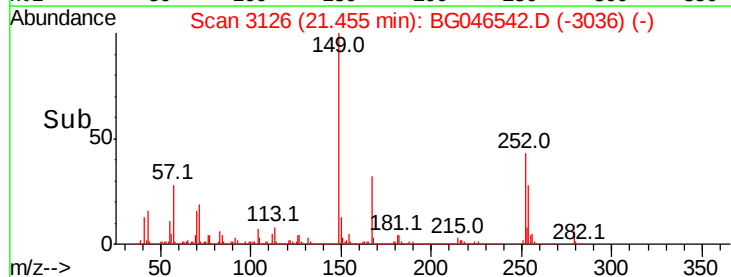
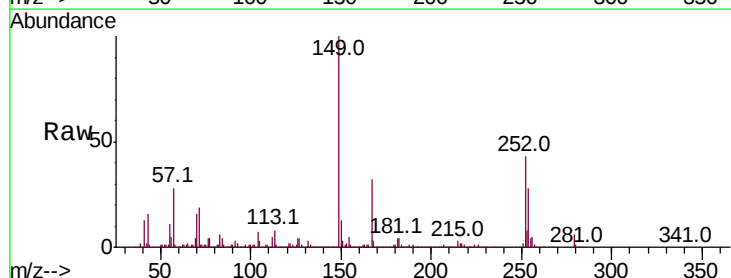
Manual Integrations
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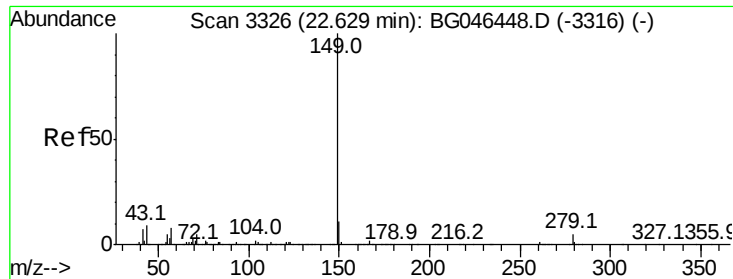
mohammad
 9/8/2020 1:45:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.298 ng
 RT: 21.45 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	25.4	38.2
279	5.7	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 53.594 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

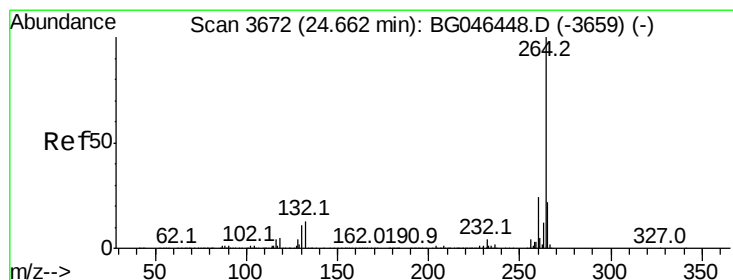
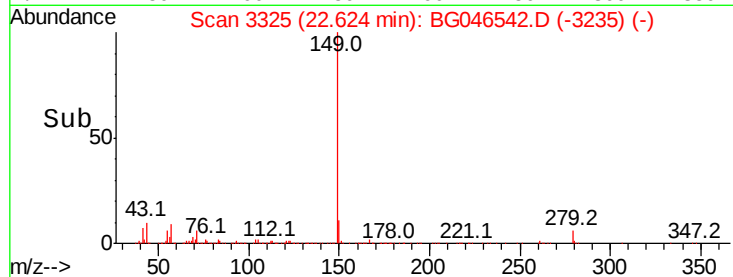
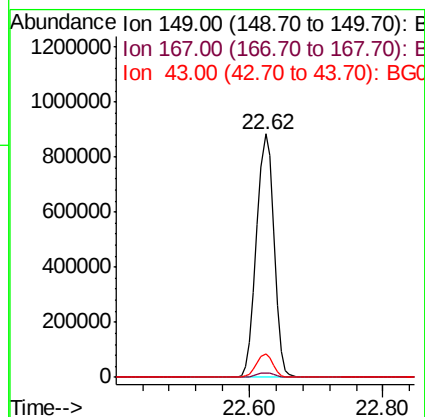
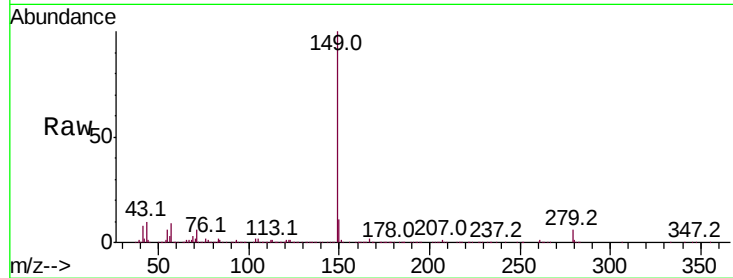
ClientSampleId :

AL-FALAH-5MSD

Tot Ion:	149	Resp:	1562109
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	9.1	7.0	10.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

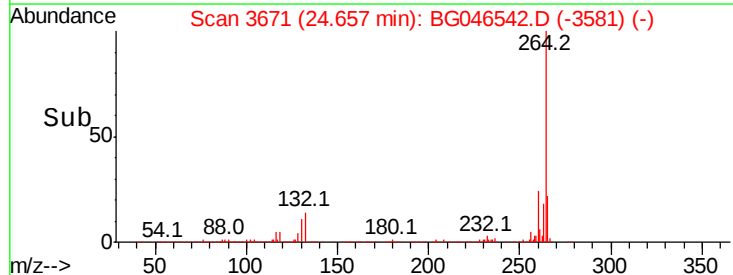
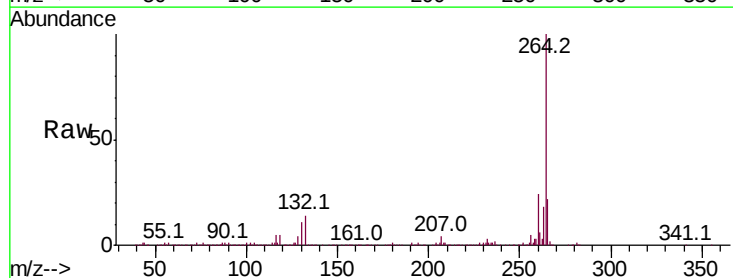
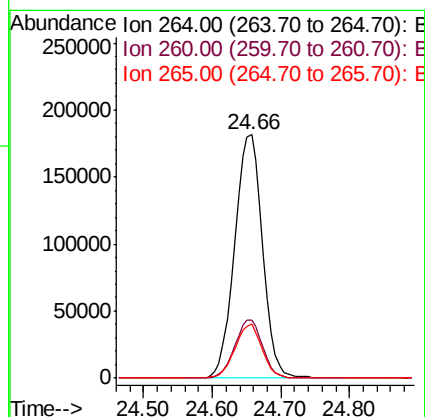
RT: 24.66 min Scan# 3671

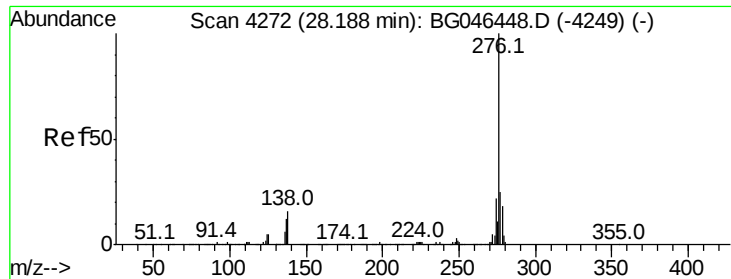
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:	264	Resp:	510262
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.9	26.9





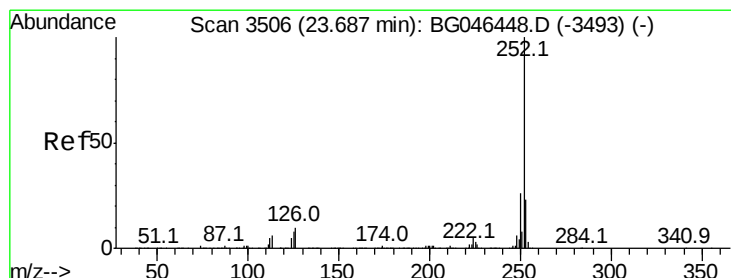
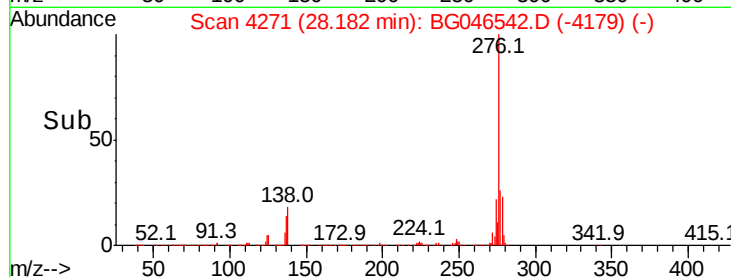
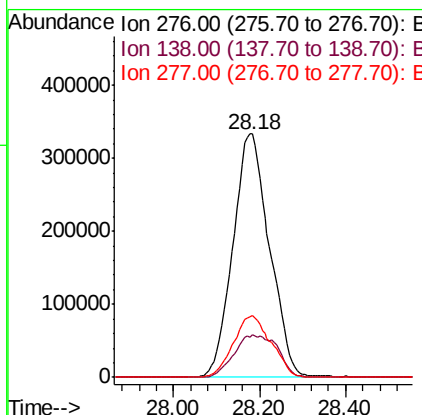
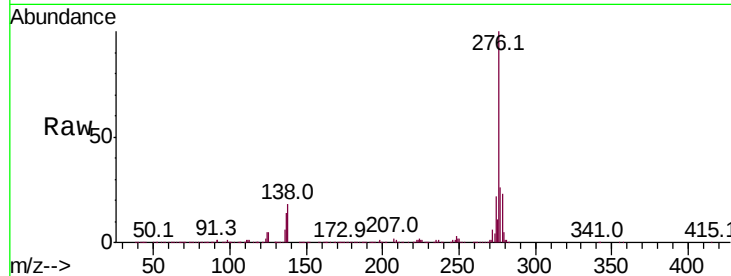
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.037 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.5	24.7
277	26.2	20.7	31.1

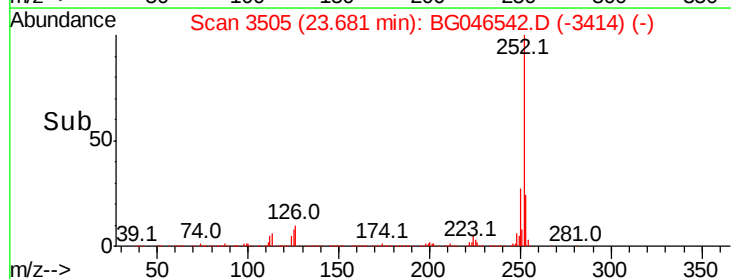
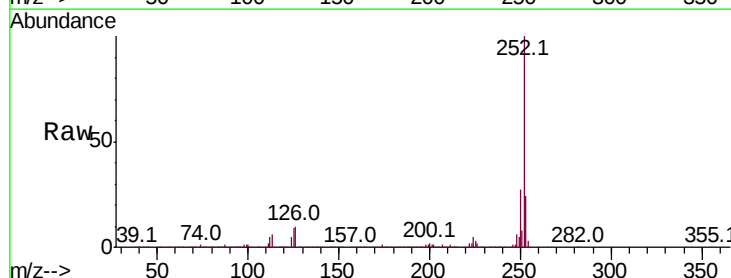
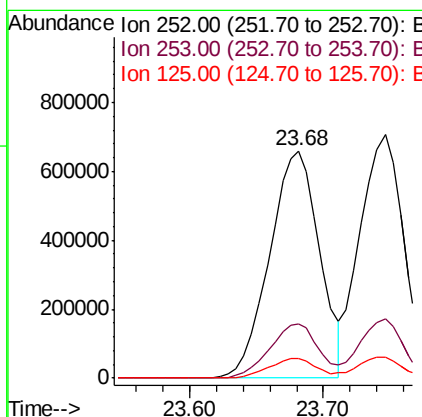
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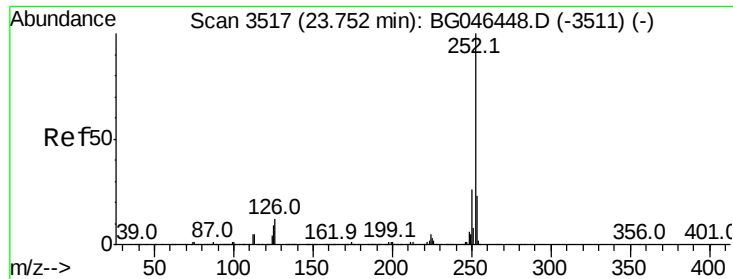
mohammad
 9/8/2020 1:45:15 PM



#88
 Benzo(b)fluoranthene
 Concen: 53.557 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	8.5	6.2	9.2





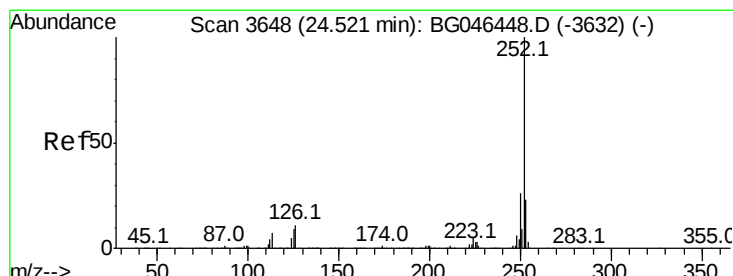
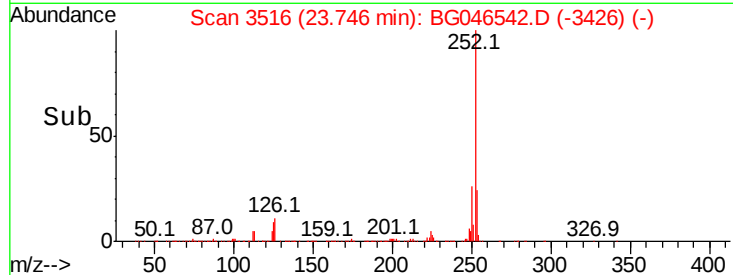
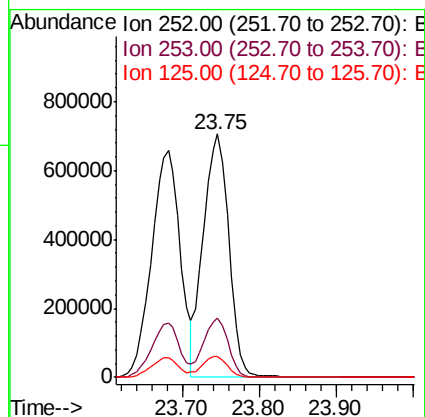
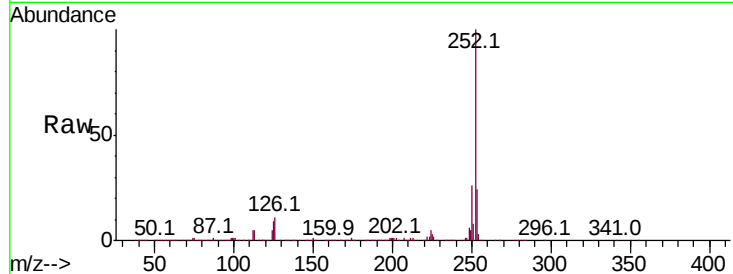
#89
Benzo(k)fluoranthene
Concen: 52.233 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	8.6	6.8	10.2

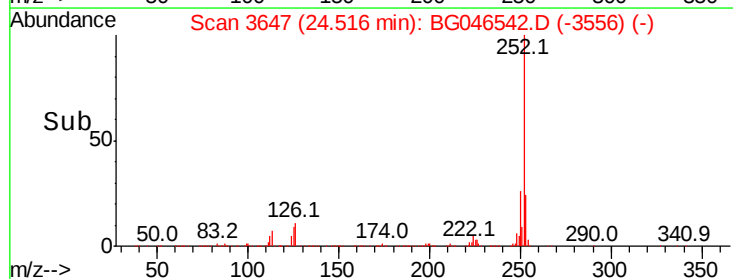
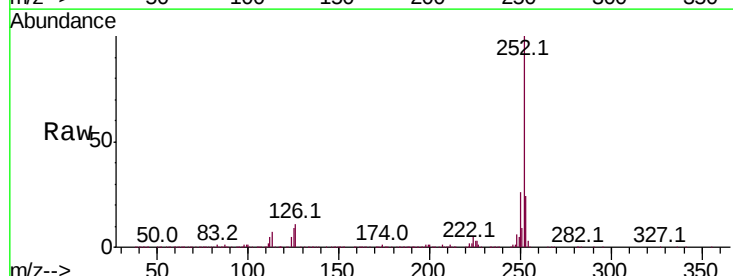
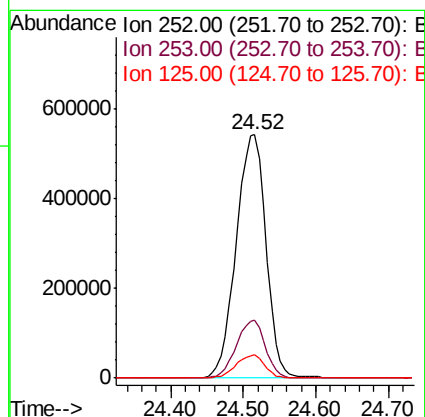
Manual Integrations
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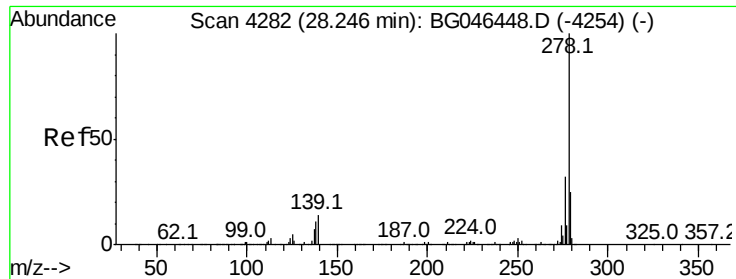
mohammad
9/8/2020 1:45:15 PM



#90
Benzo(a)pyrene
Concen: 52.095 ng
RT: 24.52 min Scan# 3647
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	9.4	7.4	11.0





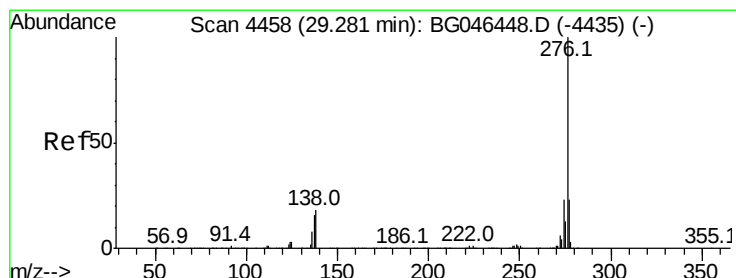
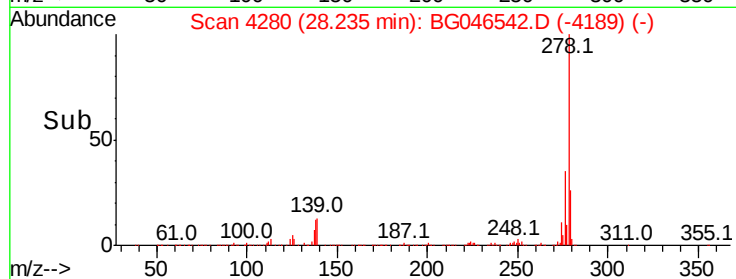
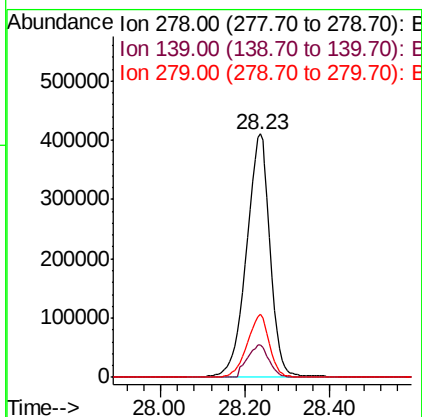
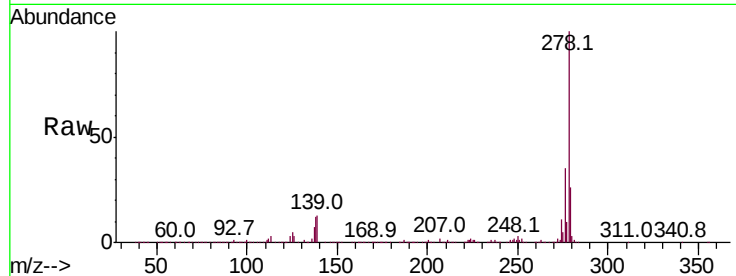
#91
Dibenzo(a,h)anthracene
Concen: 54.430 ng
RT: 28.23 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.2	16.8
279	25.8	19.8	29.8

Manual Integrations
APPROVED

mohammad
9/8/2020 1:45:15 PM



#92
Benzo(g,h,i)perylene
Concen: 55.948 ng
RT: 29.27 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	18.4	14.7	22.1

