

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120739.D
 Acq On : 29 Jun 2020 20:42
 Operator : JU/CG
 Sample : L3128-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:14:48 PM

Quant Time: Jun 30 02:13:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140183	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	206735	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	86603	20.00	ng	0.03
64) Phenanthrene-d10	11.37	188	118561	20.00	ng	0.06
76) Chrysene-d12	13.99	240	136482	20.00	ng	0.03
86) Perylene-d12	15.42	264	159015	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	787348	96.29	ng	0.08
7) Phenol-d6	6.51	99	1032041	101.34	ng	0.08
23) Nitrobenzene-d5	7.37	82	291395	78.79	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	119456	118.64	ng	0.05
45) 2-Fluorobiphenyl	9.16	172	590386	104.30	ng	0.01
79) Terphenyl-d14	12.95	244	705405	114.17	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	123752	31.934	ng	99
3) Pyridine	3.28	79	335262	30.775	ng	96
4) n-Nitrosodimethylamine	3.24	42	153961	34.054	ng	98
6) Aniline	6.47	93	444531	34.108	ng	100
8) 2-Chlorophenol	6.62	128	444738	48.133	ng	98
9) Benzaldehyde	6.35	77	173041	26.864	ng	95
10) Phenol	6.52	94	491590	45.243	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	396774	43.840	ng	99
12) 1,3-Dichlorobenzene	6.74	146	462691	47.103	ng	97
13) 1,4-Dichlorobenzene	6.82	146	458562	47.315	ng	98
14) 1,2-Dichlorobenzene	6.97	146	398316	42.191	ng	97
15) Benzyl Alcohol	6.96	79	309370	42.837	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	556628	42.715	ng	98
17) 2-Methylphenol	7.10	107	329091	41.760	ng	99
18) Hexachloroethane	7.31	117	110012	30.805	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	263636	44.629	ng	99
20) 3+4-Methylphenols	7.26	107	359119	36.468	ng	# 61
22) Acetophenone	7.21	105	520952	112.713	ng	# 92
24) Nitrobenzene	7.39	77	181873	46.991	ng	96
25) Isophorone	7.63	82	319497	44.347	ng	97
26) 2-Nitrophenol	7.70	139	81996	40.046	ng	96
27) 2,4-Dimethylphenol	7.77	122	146768	48.682	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	200062	47.904	ng	99
29) 2,4-Dichlorophenol	7.97	162	150780	49.201	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	167754	49.395	ng	96
31) Naphthalene	8.10	128	506959	49.940	ng	100
32) Benzoic acid	7.92	122	101336	43.809	ng	96
33) 4-Chloroaniline	8.17	127	128235	27.522	ng	98
34) Hexachlorobutadiene	8.22	225	101838	51.442	ng	99
35) Caprolactam	8.56	113	47504m	48.466	ng	
36) 4-Chloro-3-methylphenol	8.69	107	160592	52.452	ng	93
37) 2-Methylnaphthalene	8.80	142	348524	52.592	ng	98
38) 1-Methylnaphthalene	8.90	142	329135	52.782	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	163912	63.387	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120739.D
 Acq On : 29 Jun 2020 20:42
 Operator : JU/CG
 Sample : L3128-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

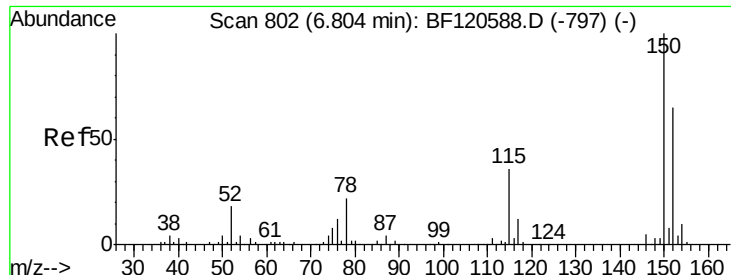
Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:14:48 PM

Quant Time: Jun 30 02:13:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	29526	20.376	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	107839	58.789	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	106356	51.106	nq #	84
46) 1,1'-Biphenyl	9.26	154	398046	61.553	nq	97
47) 2-Chloronaphthalene	9.29	162	302609	57.225	nq	96
48) 2-Nitroaniline	9.40	65	96131	57.882	nq	93
49) Acenaphthylene	9.73	152	454016	55.631	nq #	84
50) Dimethylphthalate	9.57	163	455467	73.025	nq #	94
51) 2,6-Dinitrotoluene	9.64	165	86850	61.442	nq #	84
52) Acenaphthene	9.89	154	248539	51.063	nq	94
53) 3-Nitroaniline	9.82	138	62512	36.820	nq #	87
54) 2,4-Dinitrophenol	9.94	184	824	4.018	nq #	1
55) Dibenzofuran	10.07	168	367519	49.244	nq #	87
56) 4-Nitrophenol	10.03	139	97902	76.565	nq #	31
57) 2,4-Dinitrotoluene	10.05	165	78001	41.586	nq #	91
58) Fluorene	10.42	166	269859	46.905	nq #	88
59) 2,3,4,6-Tetrachlorophenol	10.20	232	61621	37.637	nq #	92
60) Diethylphthalate	10.28	149	291882	47.515	nq #	85
61) 4-Chlorophenyl-phenylether	10.40	204	142809	48.066	nq #	72
62) 4-Nitroaniline	10.43	138	57633	34.194	nq #	68
63) Azobenzene	10.57	77	255839	45.881	nq	86
65) 4,6-Dinitro-2-methylphenol	10.46	198	3185	4.477	nq #	1
66) n-Nitrosodiphenylamine	10.53	169	241191	66.245	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	73459	54.593	nq #	73
68) Hexachlorobenzene	10.98	284	88905	61.454	nq #	58
69) Atrazine	11.08	200	66604	59.115	nq #	31
70) Pentachlorophenol	11.19	266	52947	65.829	nq	97
71) Phenanthrene	11.40	178	336070	57.023	nq #	81
72) Anthracene	11.45	178	330961	55.711	nq #	86
73) Carbazole	11.60	167	278529	47.364	nq #	82
74) Di-n-butylphthalate	11.92	149	358528	54.230	nq #	90
75) Fluoranthene	12.59	202	533506	79.174	nq	96
77) Benzidine	12.70	184	133239	28.866	nq #	60
78) Pyrene	12.82	202	583518	60.352	nq	96
80) Butylbenzylphthalate	13.40	149	171978	40.058	nq #	87
81) Benzo(a)anthracene	13.98	228	482785	58.878	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	78749	25.143	nq	99
83) Chrysene	14.02	228	452111	53.753	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	297258	56.733	nq	100
85) Di-n-octyl phthalate	14.56	149	521319	52.134	nq	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	500493	51.744	nq	97
88) Benzo(b)fluoranthene	15.01	252	557971	58.906	nq	98
89) Benzo(k)fluoranthene	15.04	252	460175	54.903	nq	99
90) Benzo(a)pyrene	15.36	252	467878	55.192	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	402961	51.952	nq	98
92) Benzo(g,h,i)perylene	17.29	276	387077	49.510	nq	95

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



#1

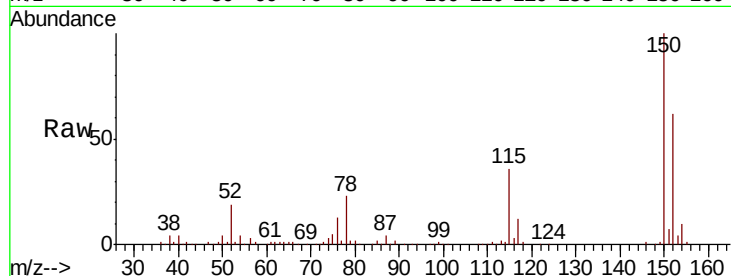
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	187.0
115	58.5	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM

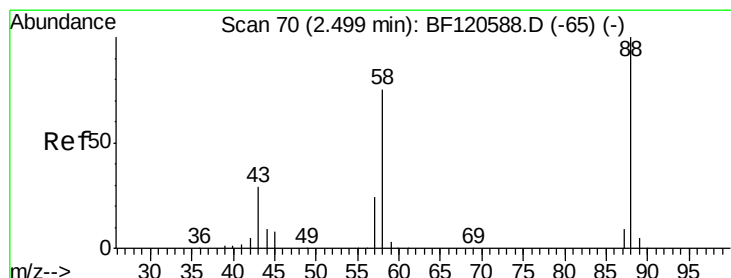
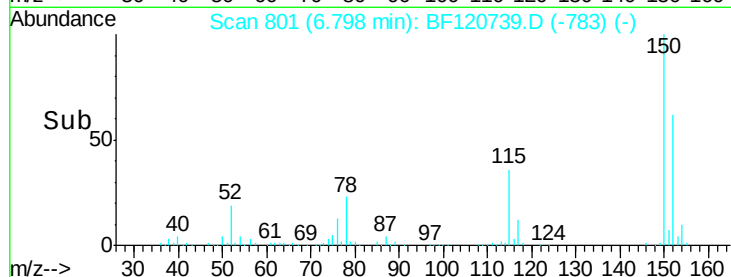
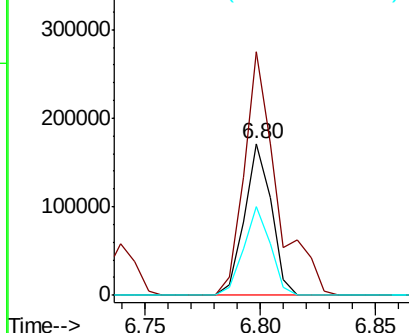


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

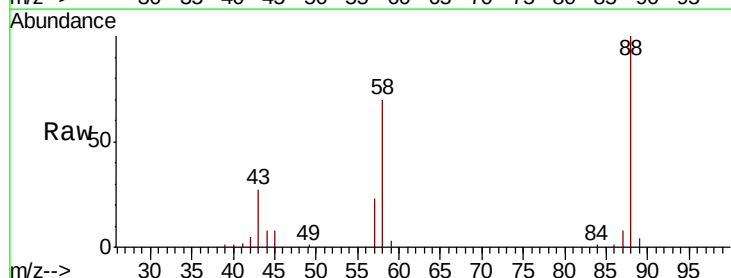
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.934 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.5	87.7
43	28.5	21.8	32.8

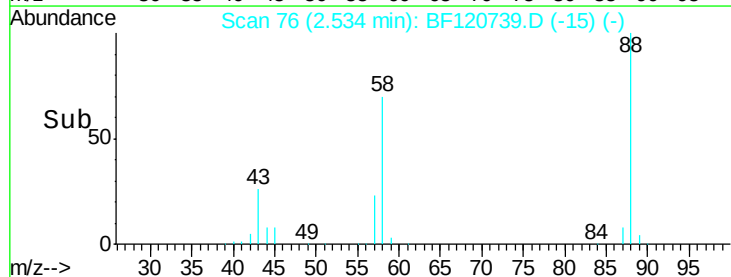
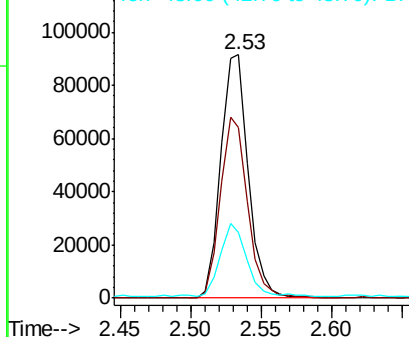


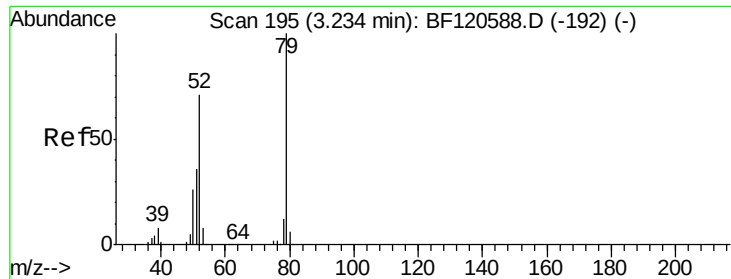
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





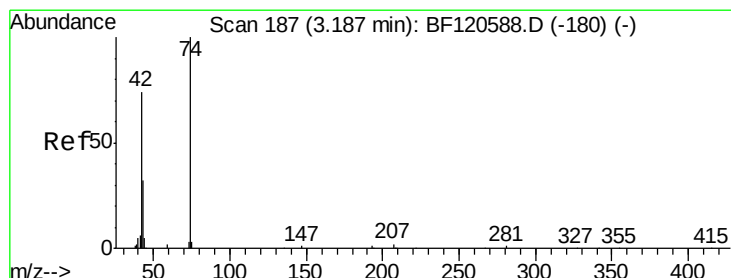
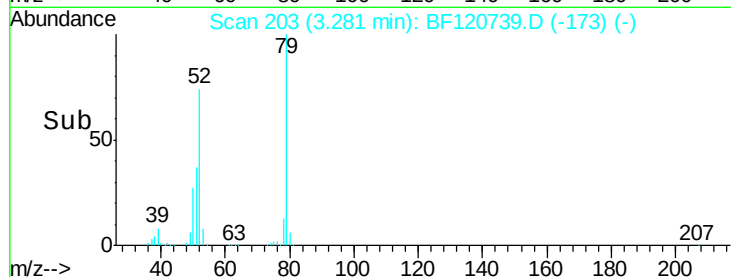
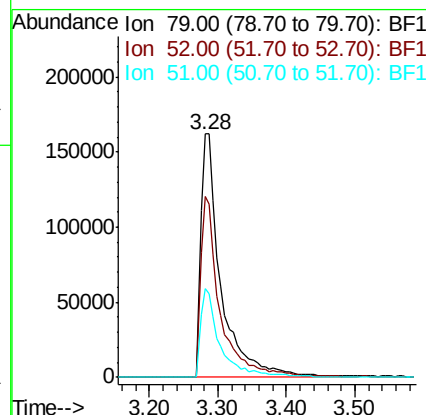
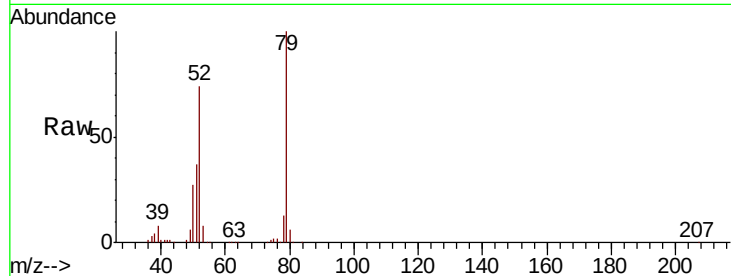
#3
 Pvridine
 Concen: 30.775 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.08 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	74.2	56.6	84.8		
51	36.7	27.4	41.0		

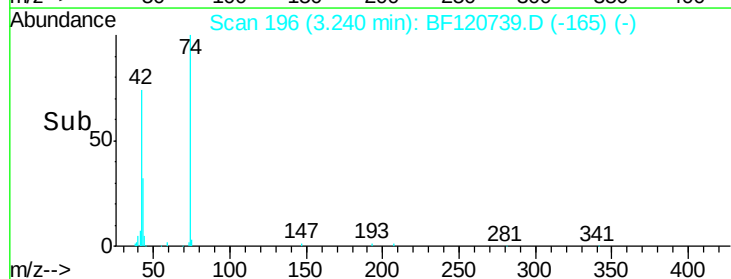
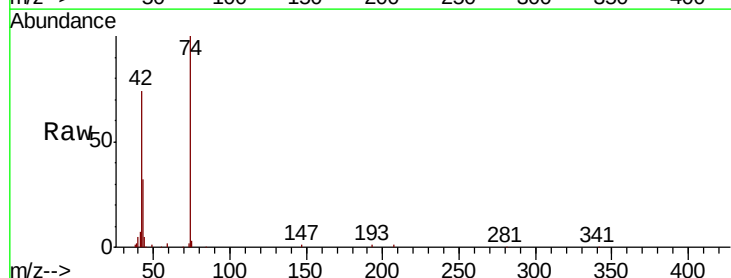
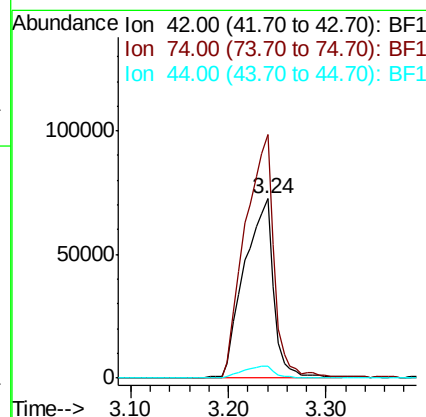
Manual Integrations
 APPROVED

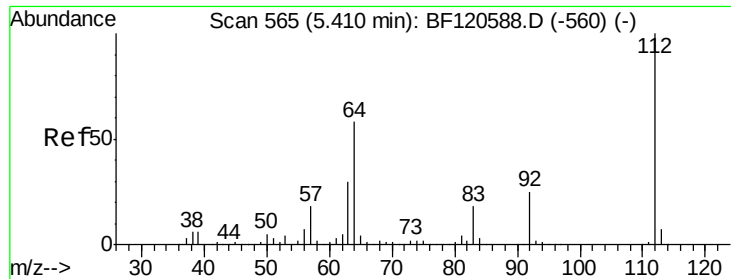
mohammad
 6/30/2020 4:14:48 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.054 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.08 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	136.0	110.7	166.1		
44	6.5	5.6	8.4		





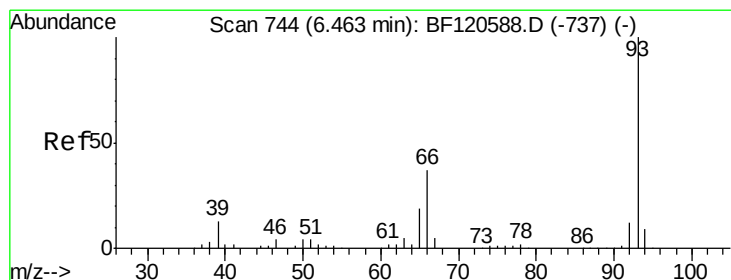
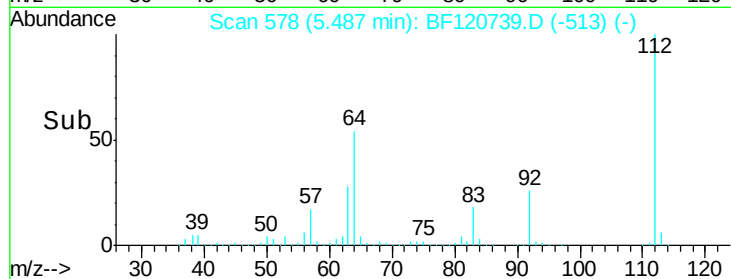
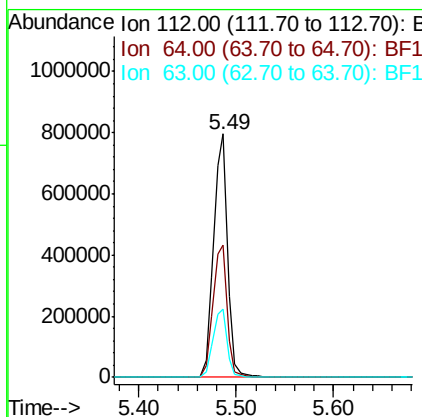
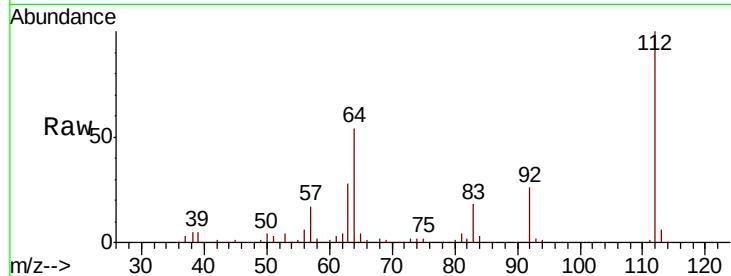
#5
2-Fluorophenol
Concen: 96.293 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.08 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.3	42.2	63.2
63	28.0	21.7	32.5

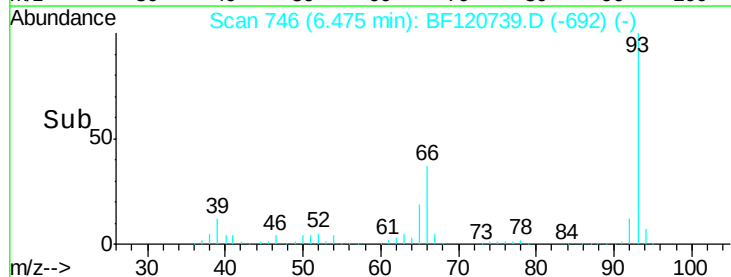
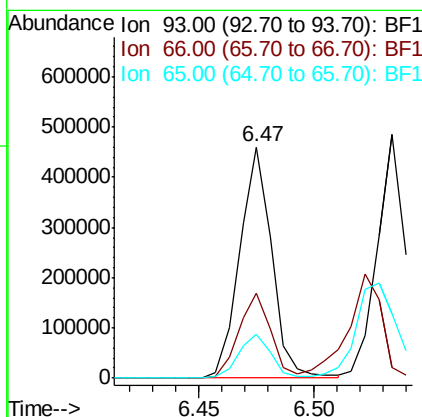
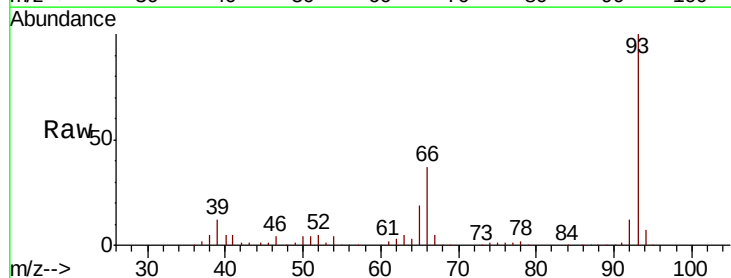
Manual Integrations
APPROVED

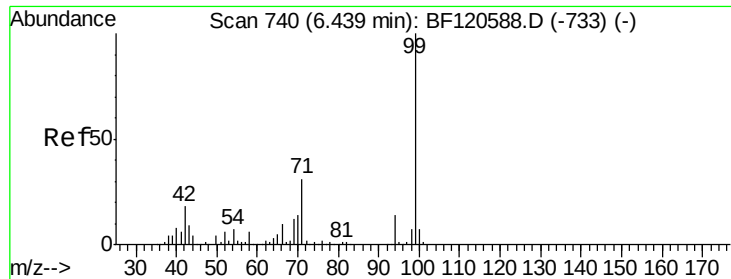
mohammad
6/30/2020 4:14:48 PM



#6
Aniline
Concen: 34.108 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.8	29.5	44.3
65	19.1	15.5	23.3





#7

Phenol-d6

Concen: 101.341 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

Tot Ion: 99 Resp: 1032041

Ion Ratio Lower Upper

99 100

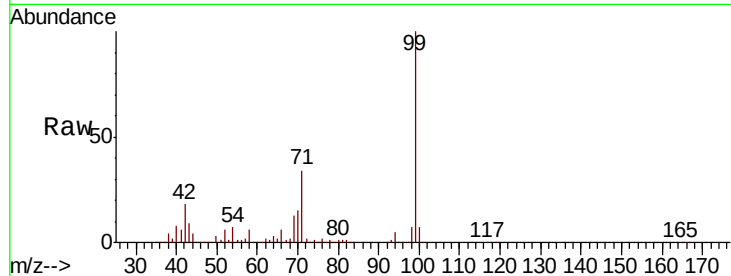
42 18.1 14.2 21.4

71 33.6 25.4 38.2

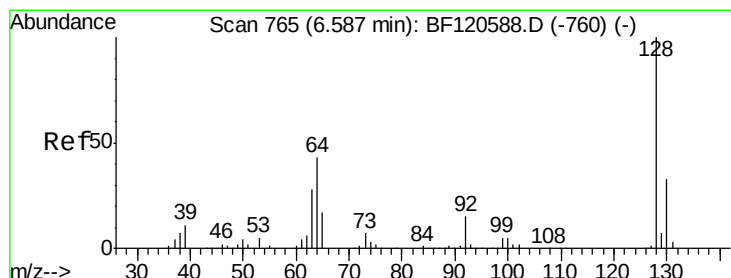
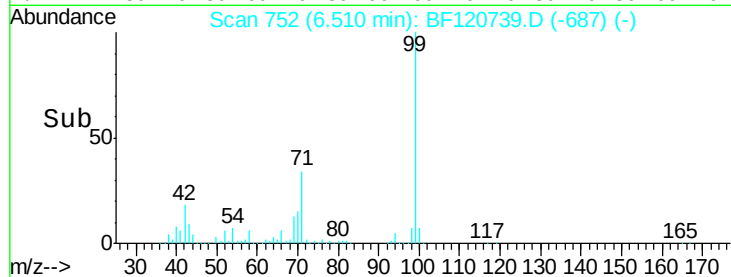
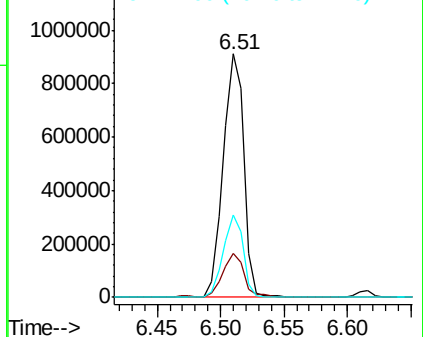
Manual Integrations
APPROVED

mohammad

6/30/2020 4:14:48 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.133 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

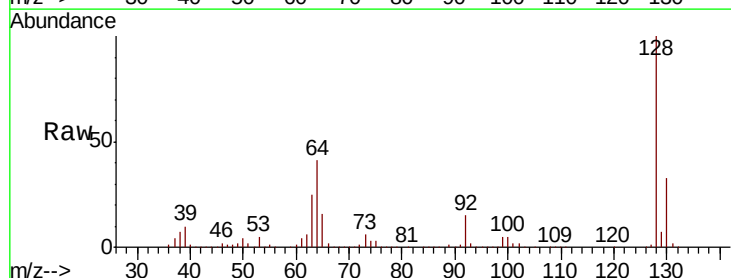
Tgt Ion: 128 Resp: 444738

Ion Ratio Lower Upper

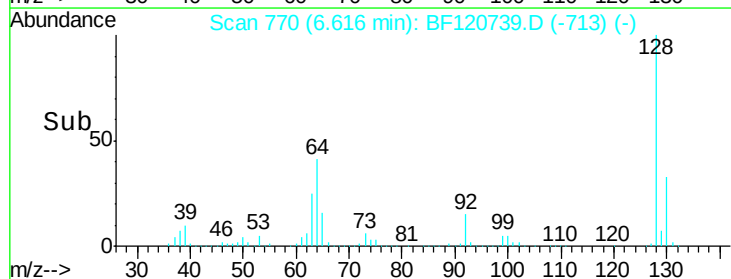
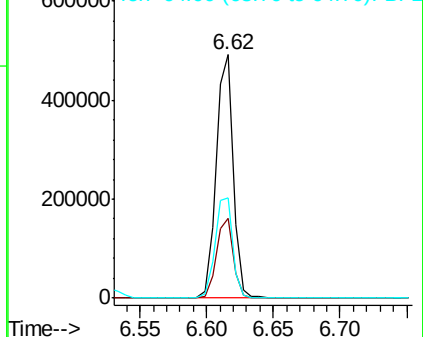
128 100

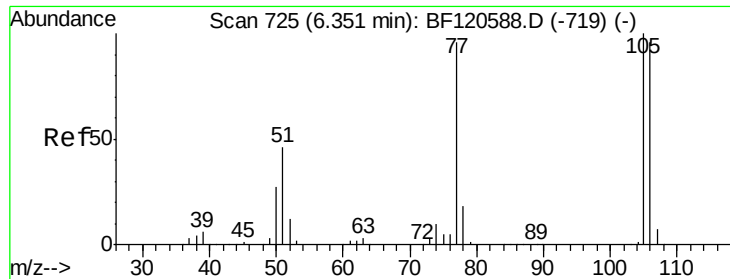
130 32.9 13.3 53.3

64 41.0 19.2 59.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.864 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

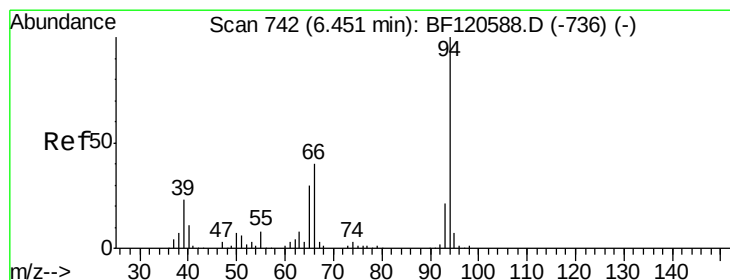
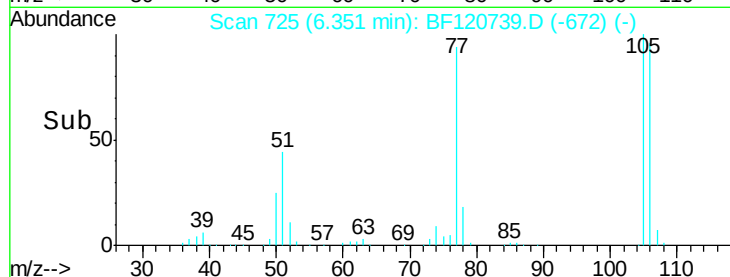
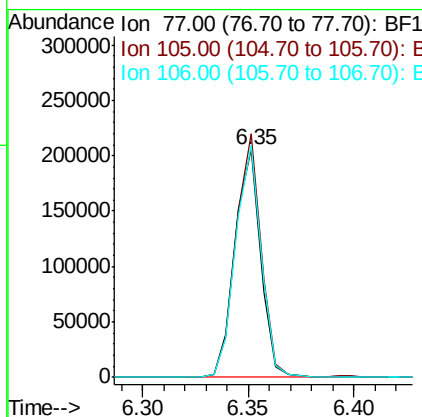
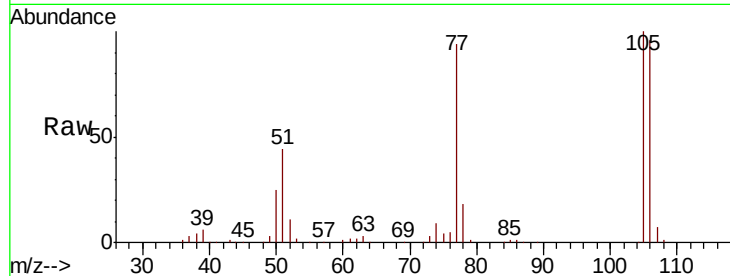
ClientSampled :

78-64MS

Tot Ion:	77	Resp:	173041
Ion	Ratio	Lower	Upper
77	100		
105	106.7	80.8	120.8
106	102.0	78.1	118.1

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#10

Phenol

Concen: 45.243 ng

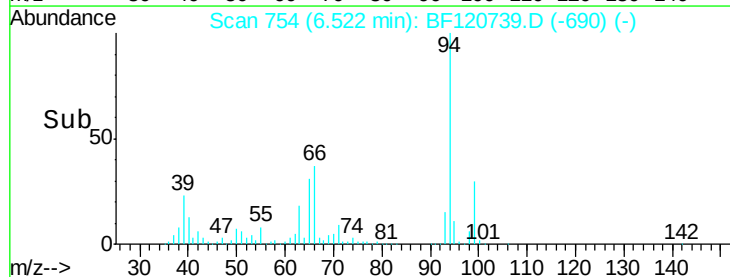
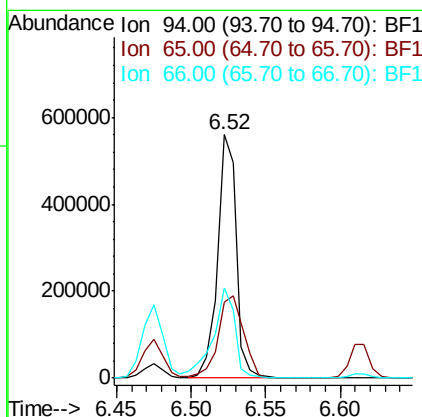
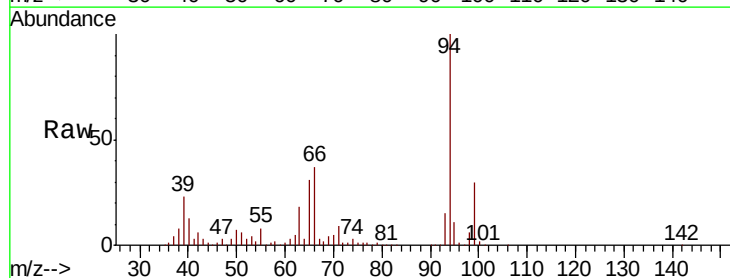
RT: 6.52 min Scan# 754

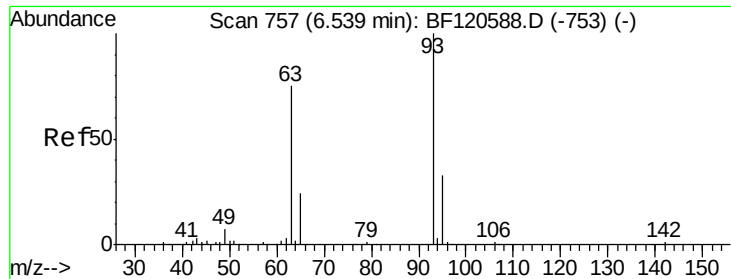
Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	94	Resp:	491590
Ion	Ratio	Lower	Upper
94	100		
65	31.3	13.6	53.6
66	37.1	29.2	69.2





#11

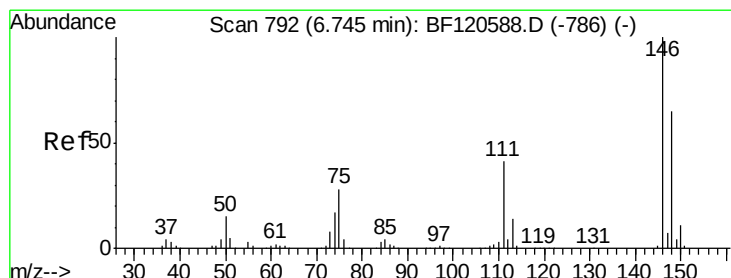
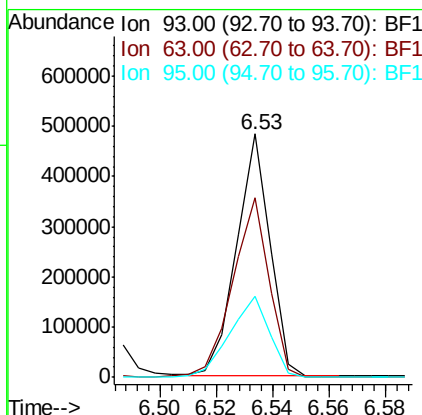
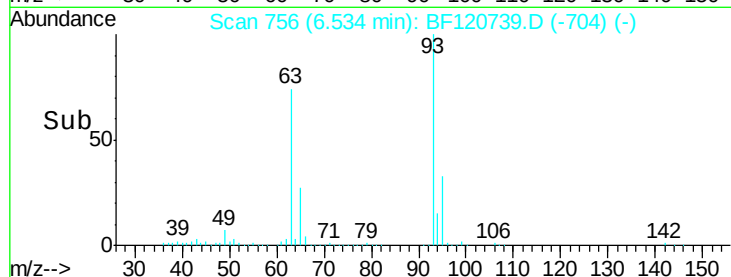
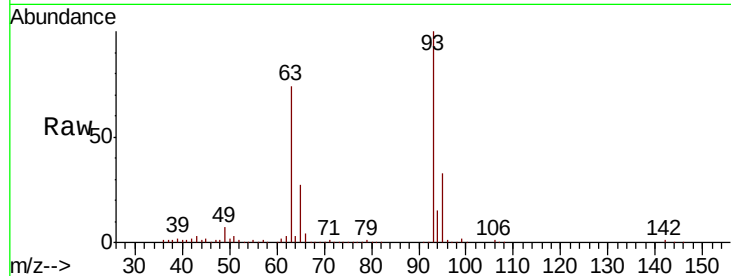
bis(2-Chloroethyl)ether
Concen: 43.840 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	54.8	94.8
95	33.2	12.1	52.1

Manual Integrations
APPROVED

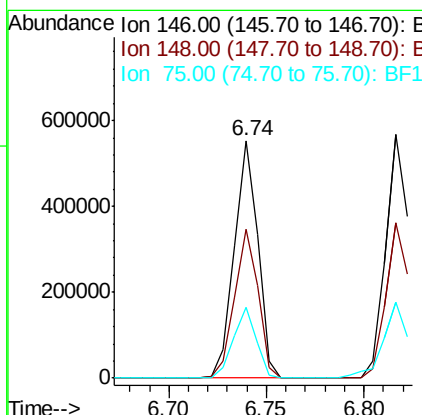
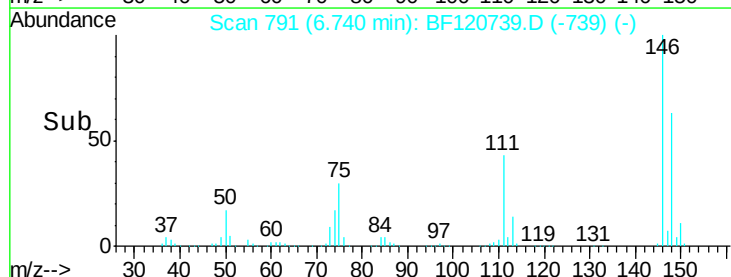
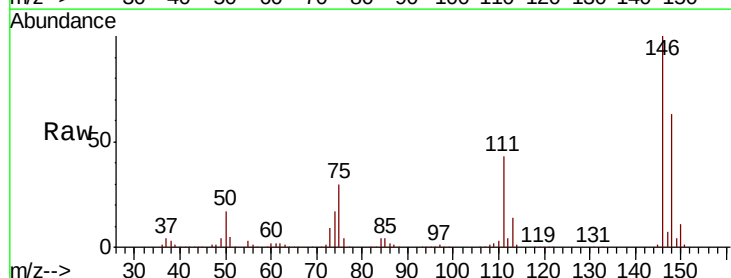
mohammad
6/30/2020 4:14:48 PM

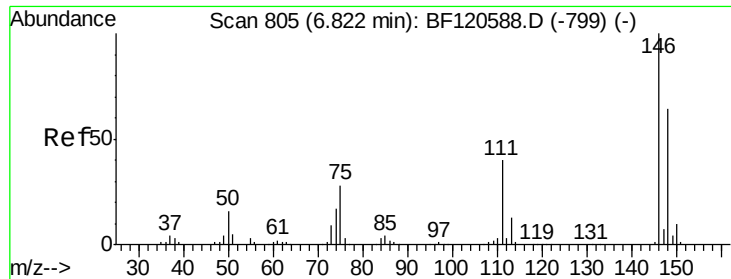


#12

1,3-Dichlorobenzene
Concen: 47.103 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
75	29.8	21.5	32.3





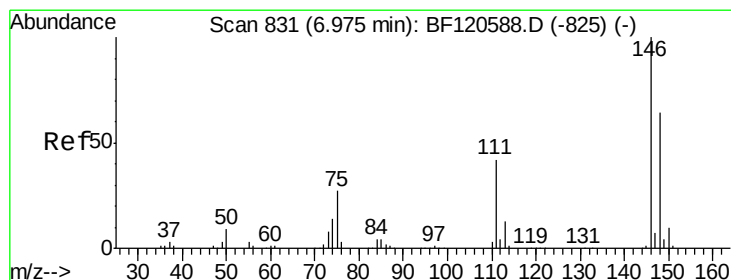
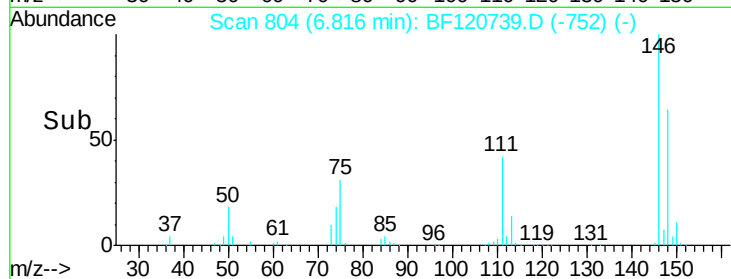
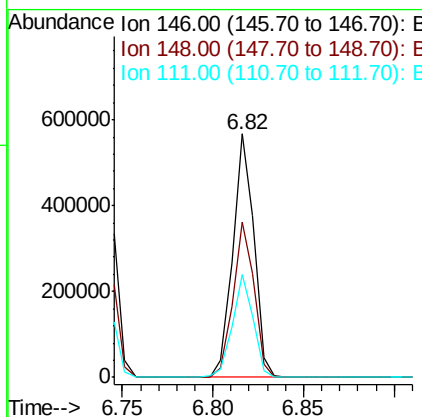
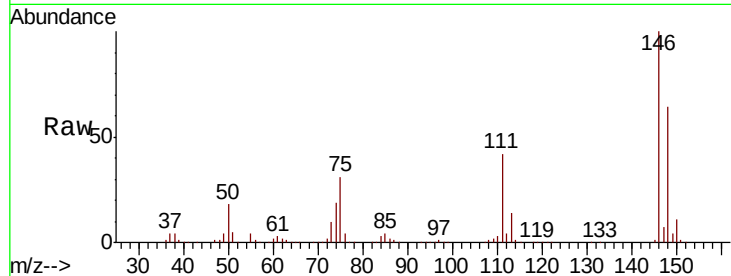
#13
 1,4-Dichlorobenzene
 Concen: 47.315 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	42.3	32.2	48.2

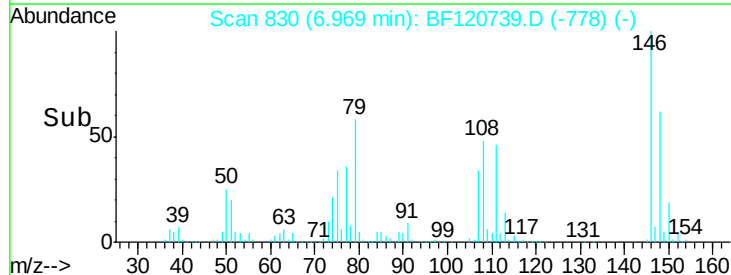
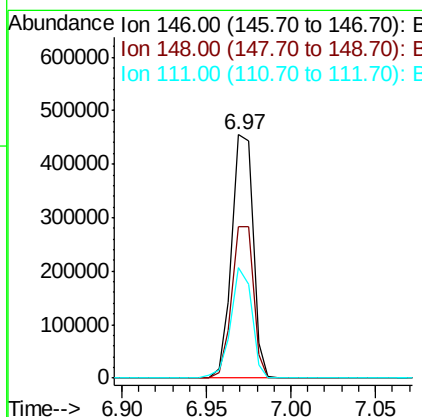
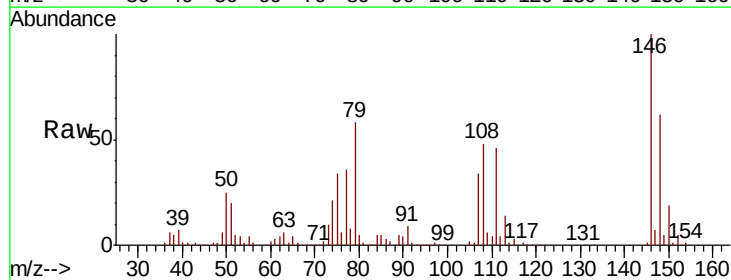
Manual Integrations
 APPROVED

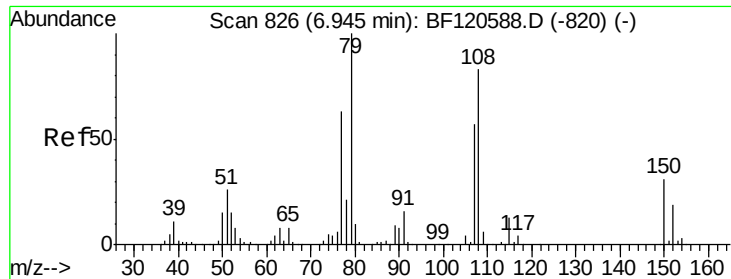
mohammad
 6/30/2020 4:14:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.191 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.6
111	45.6	33.6	50.4





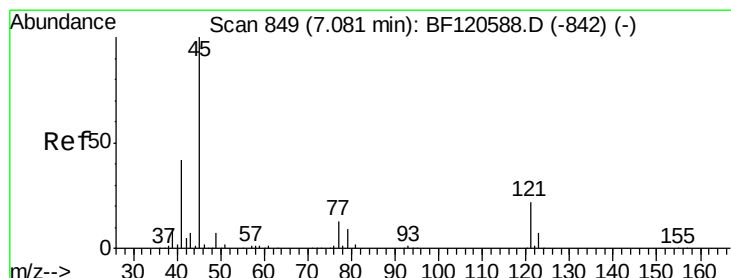
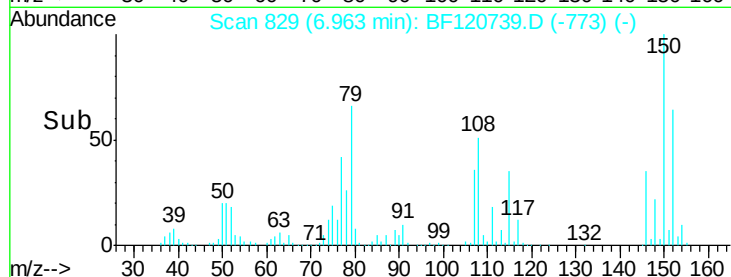
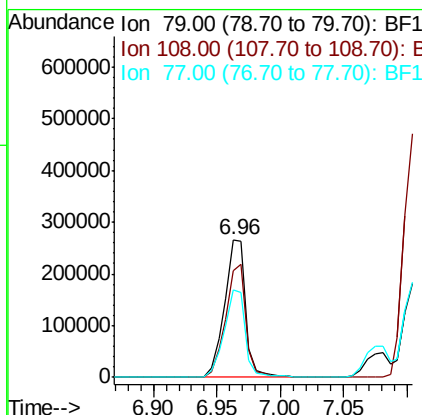
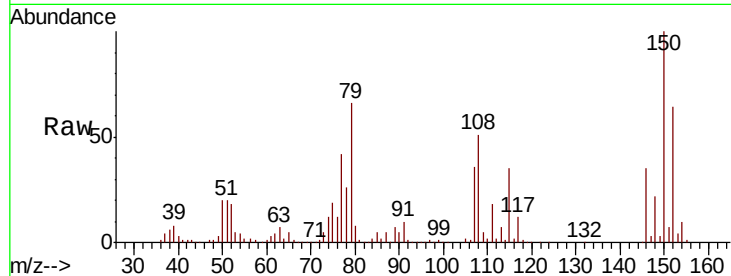
#15
Benzyl Alcohol
Concen: 42.837 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.0	66.1	99.1	
77	63.0	49.8	74.6	

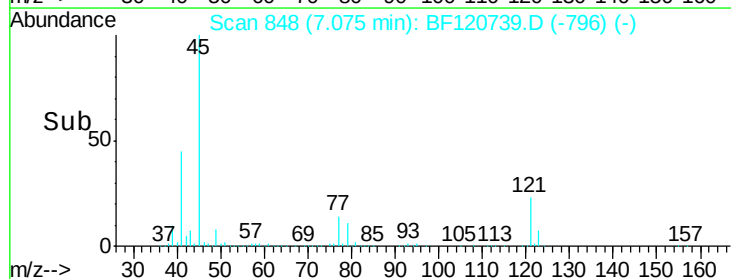
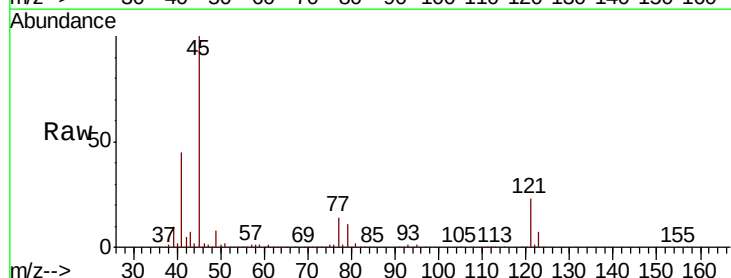
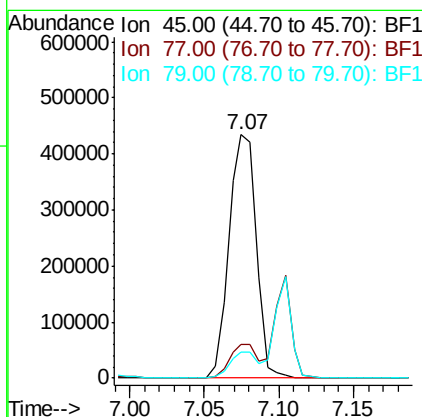
Manual Integrations
APPROVED

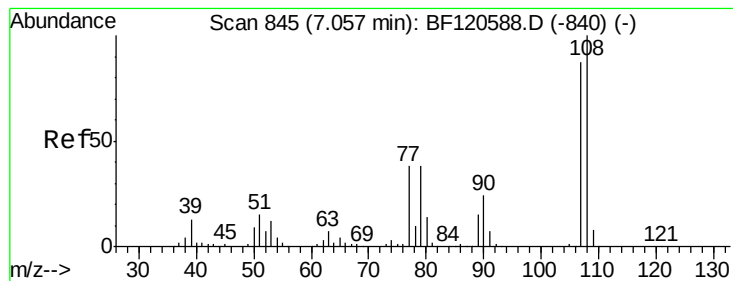
mohammad
6/30/2020 4:14:48 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.715 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.9	0.0	34.9	
79	10.7	0.0	31.4	





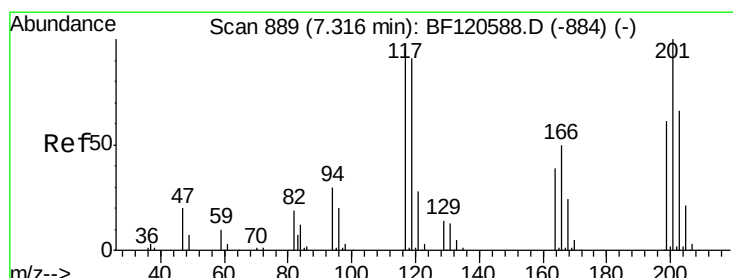
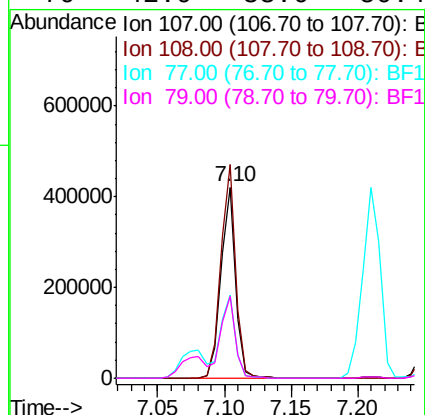
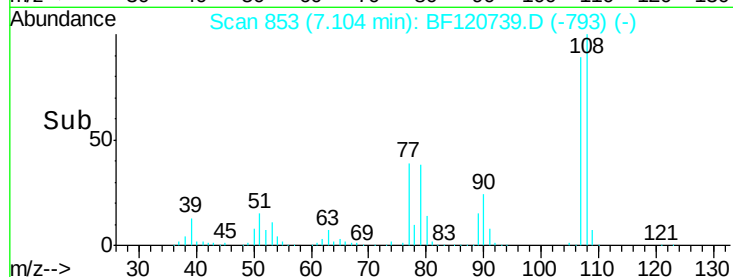
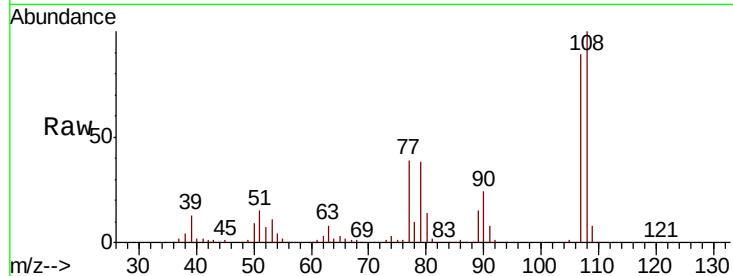
#17
2-Methylphenol
Concen: 41.760 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	90.7	136.1	
77	43.7	35.0	52.4	
79	42.9	33.6	50.4	

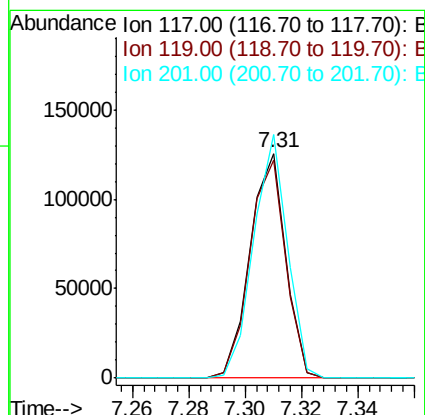
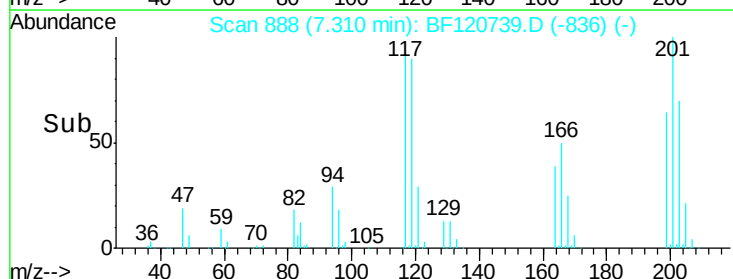
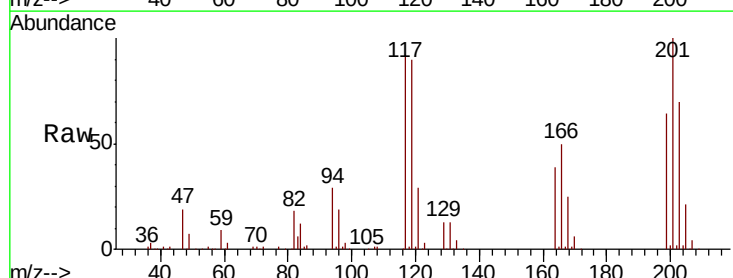
Manual Integrations
APPROVED

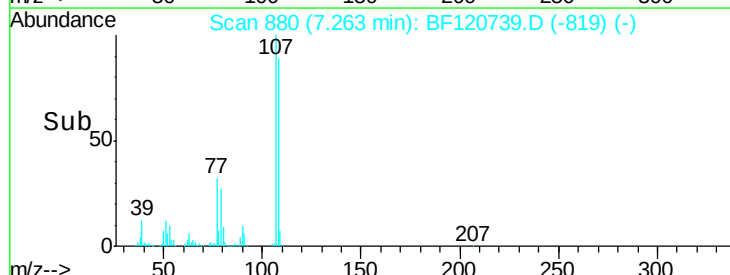
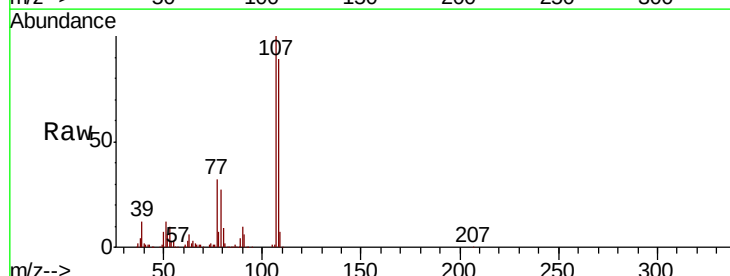
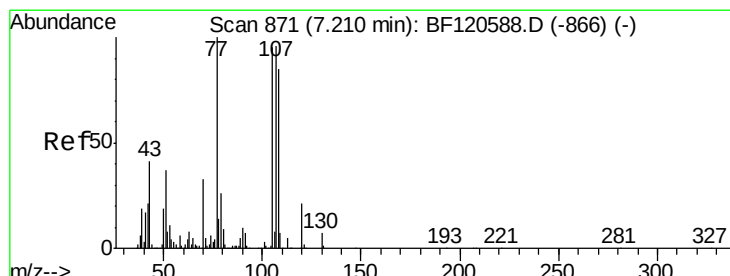
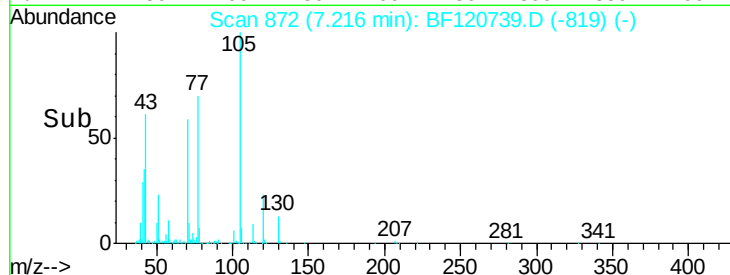
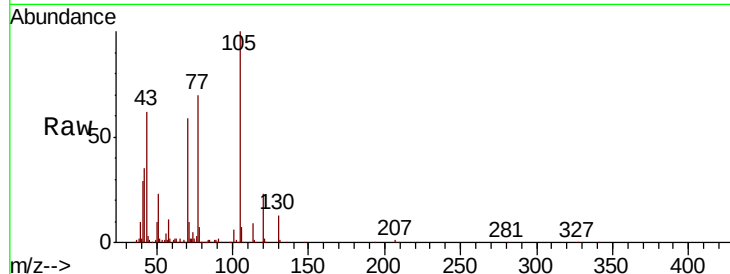
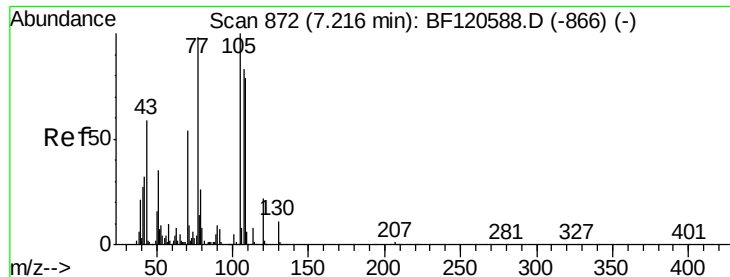
mohammad
6/30/2020 4:14:48 PM



#18
Hexachloroethane
Concen: 30.805 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

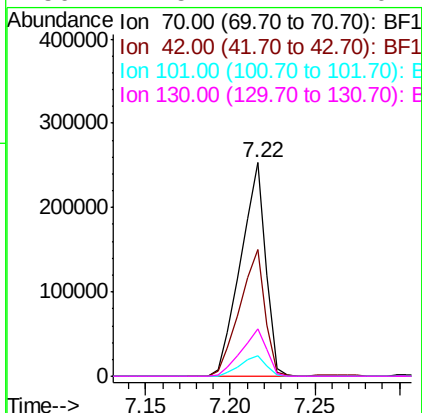
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.1	115.7	
201	108.3	86.4	129.6	





#19
n-Nitroso-di-n-propylamine
Concen: 44.629 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	59.3		47.6	71.4
101	9.8		7.6	11.4
130	22.5		17.4	26.2



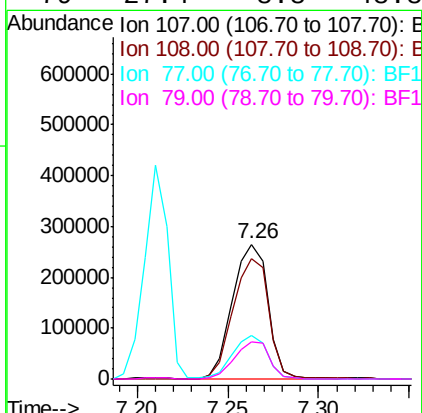
Instrument :
BNA_F
ClientSampleId :
78-64MS

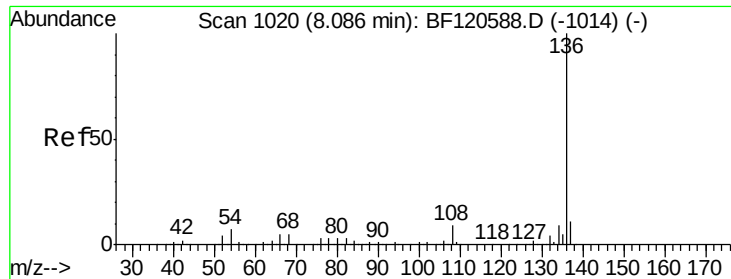
Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM

#20
3+4-Methylphenols
Concen: 36.468 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.3		70.9	110.9
77	32.0		95.7	135.7#
79	27.4		8.8	48.8





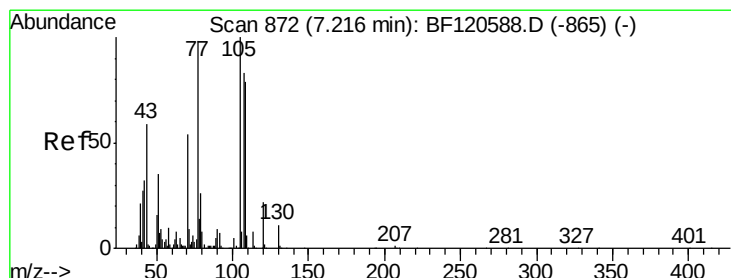
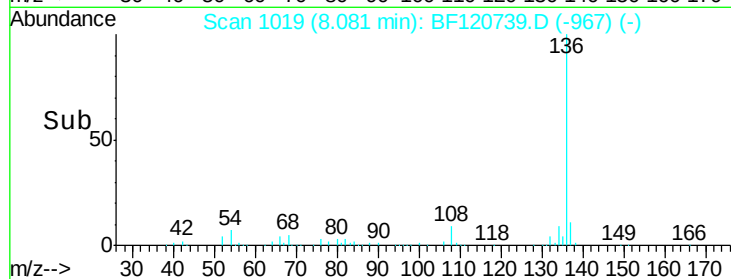
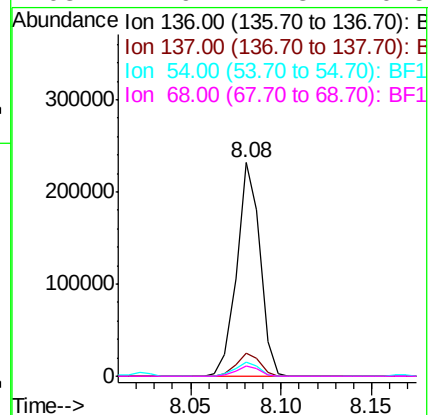
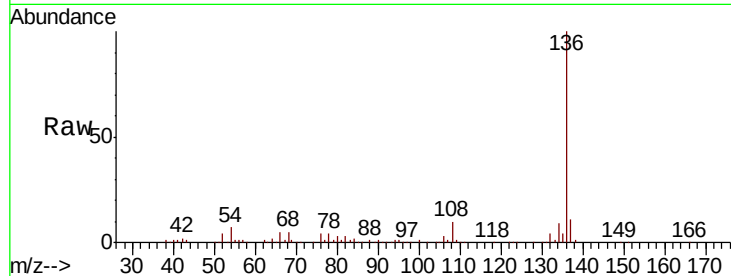
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	206735		
137	11.1	8.6	12.8	
54	6.9	5.3	7.9	
68	4.9	4.3	6.5	

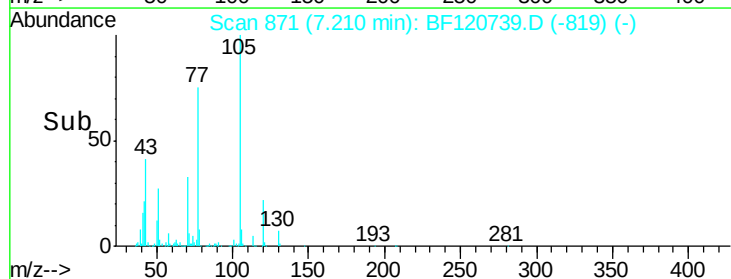
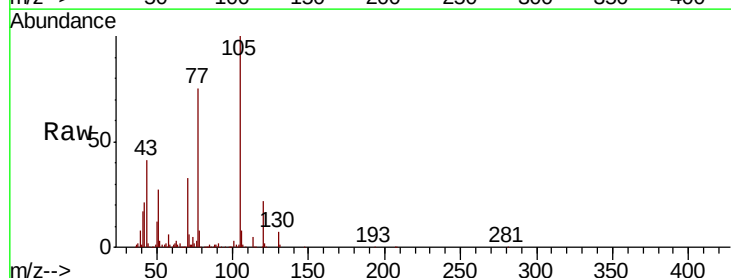
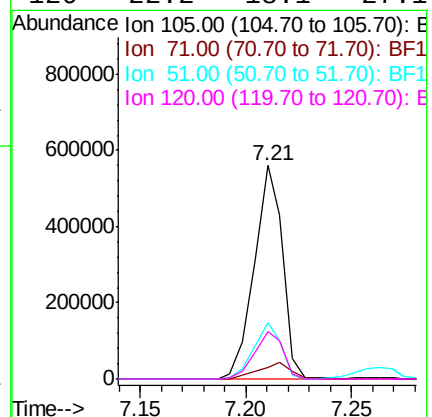
Manual Integrations
APPROVED

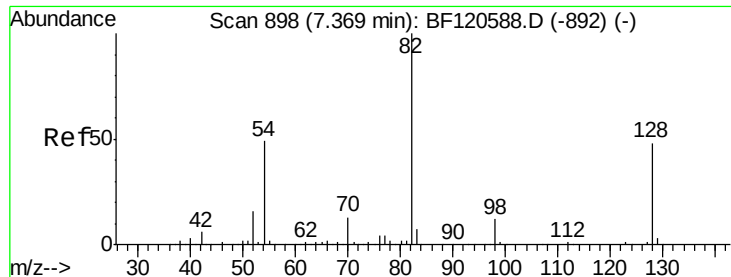
mohammad
6/30/2020 4:14:48 PM



#22
Acetophenone
Concen: 112.713 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	520952		
71	5.7	6.6	9.8#	
51	26.5	27.4	41.0#	
120	22.2	18.1	27.1	





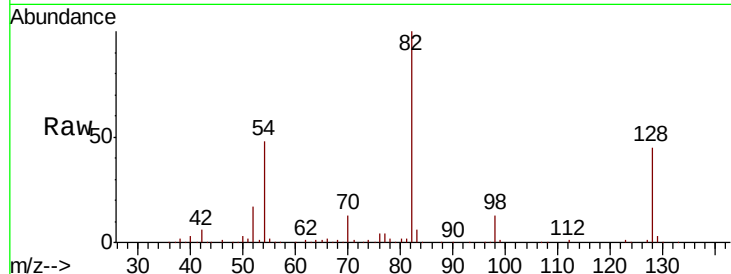
#23
 Nitrobenzene-d5
 Concen: 78.787 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampled :
 78-64MS

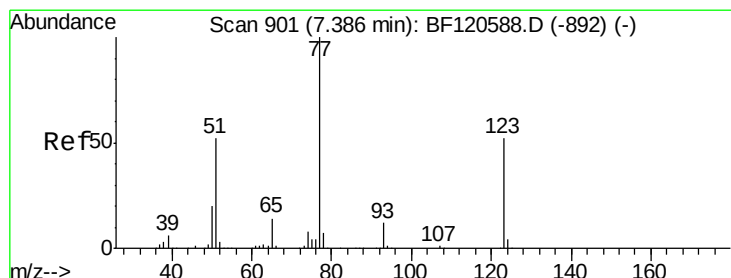
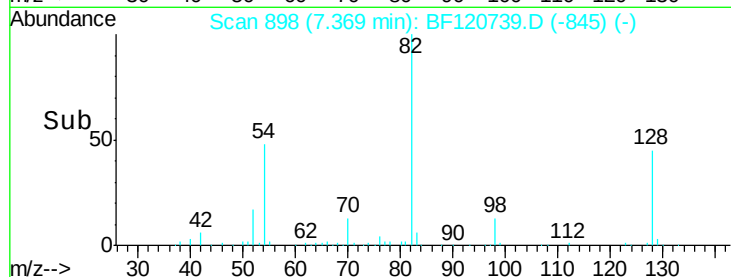
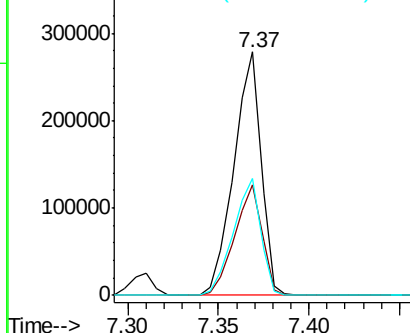
Tot Ion	Ratio	Resp	Lower	Upper
82	100	291395		
128	45.3		38.1	57.1
54	48.1		38.8	58.2

Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:14:48 PM

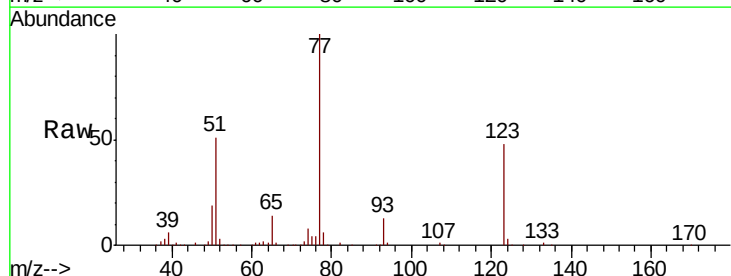


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

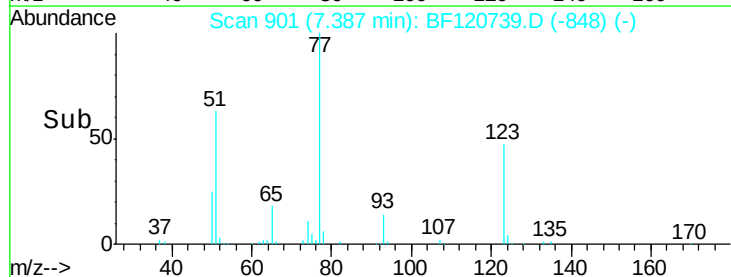
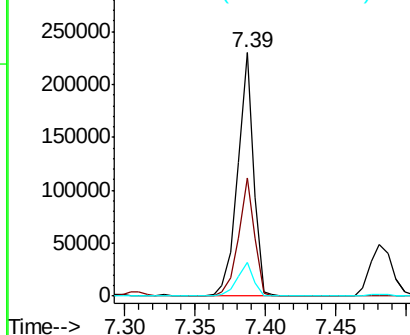


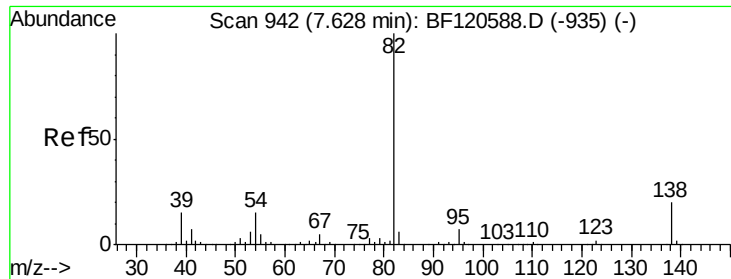
#24
 Nitrobenzene
 Concen: 46.991 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	181873		
123	48.4		41.5	62.3
65	13.7		10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





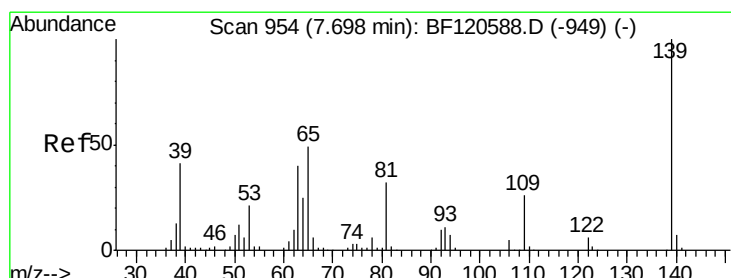
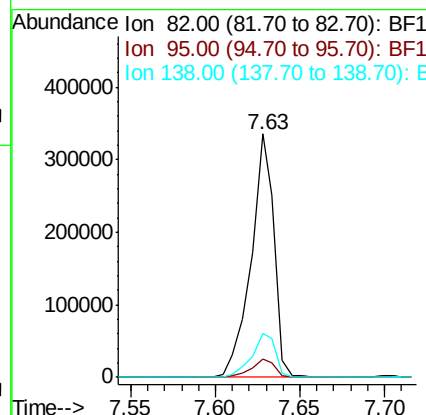
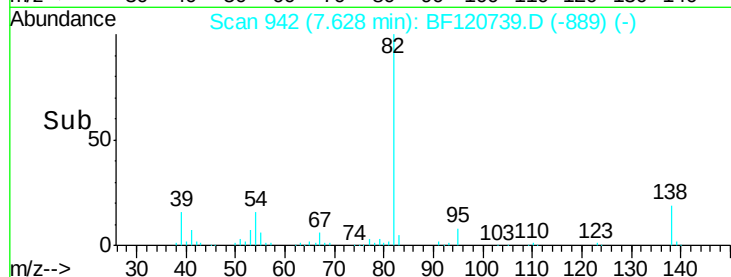
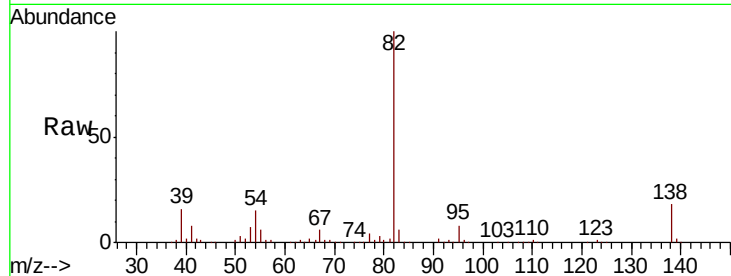
#25
Isophorone
Concen: 44.347 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	319497		
95	7.5	5.6	8.4	
138	18.3	16.1	24.1	

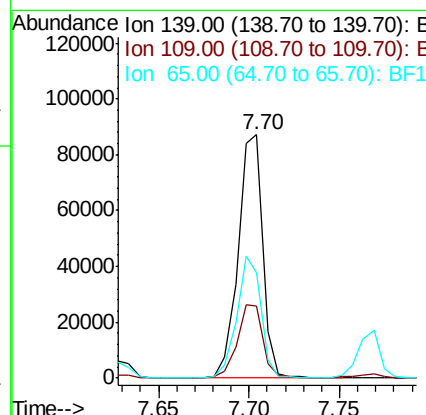
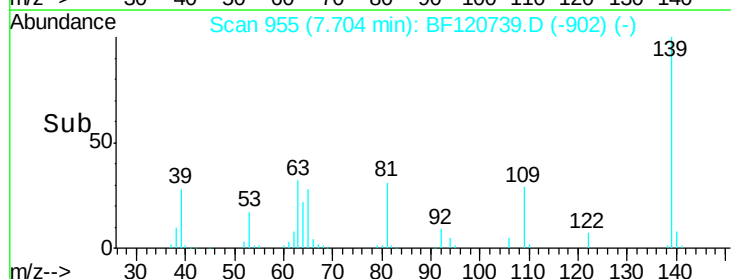
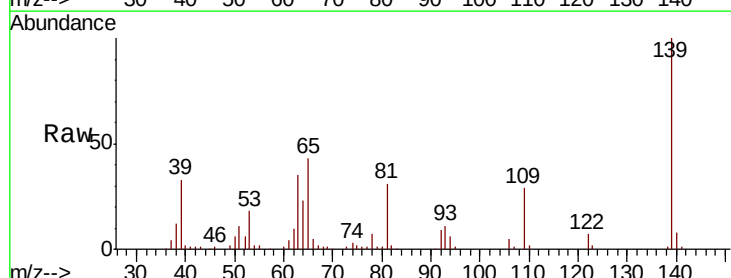
Manual Integrations
APPROVED

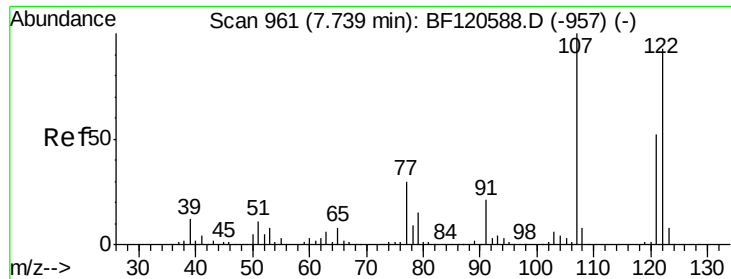
mohammad
6/30/2020 4:14:48 PM



#26
2-Nitrophenol
Concen: 40.046 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	81996		
109	29.4	20.7	31.1	
65	43.2	33.6	50.4	





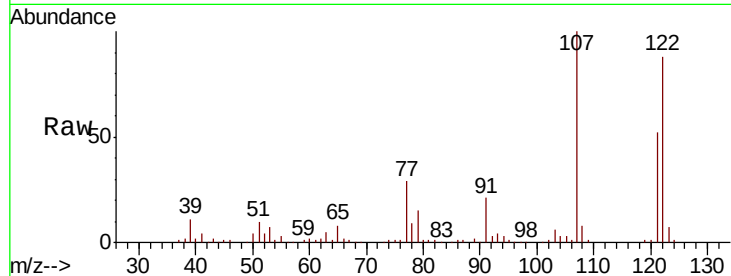
#27
2,4-Dimethylphenol
Concen: 48.682 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.4	134.2
121	59.0	46.2	69.4

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM

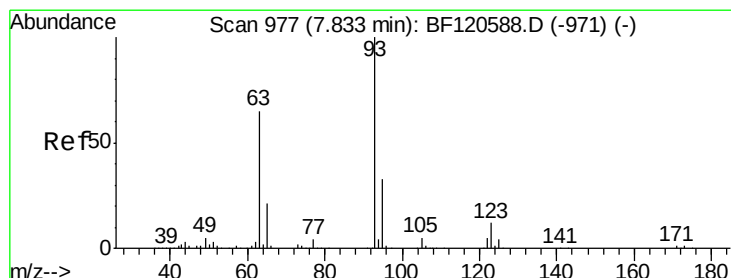
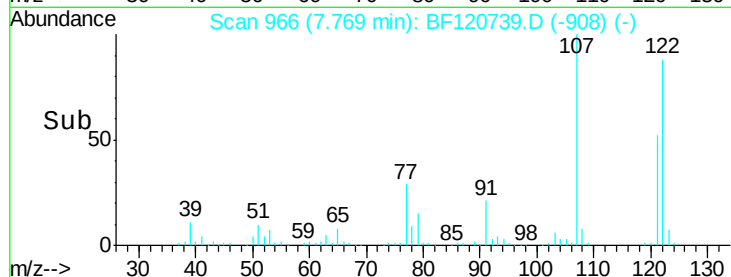
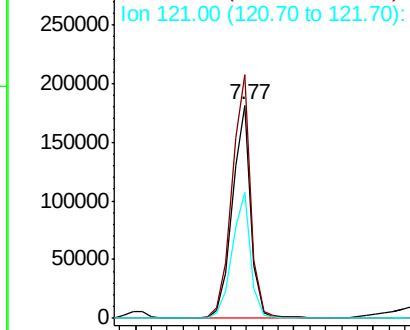


Abundance

Ion 122.00 (121.70 to 122.70): E

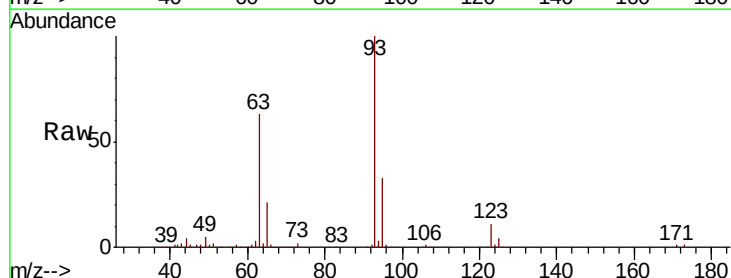
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.904 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.1	9.7	14.5

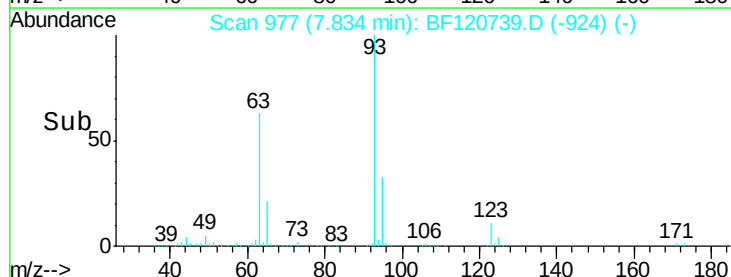
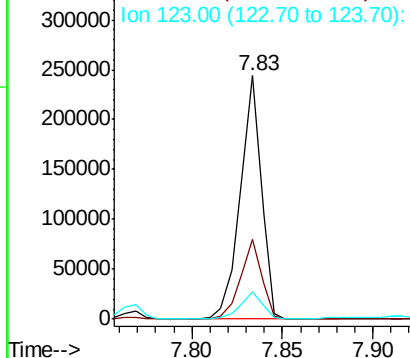


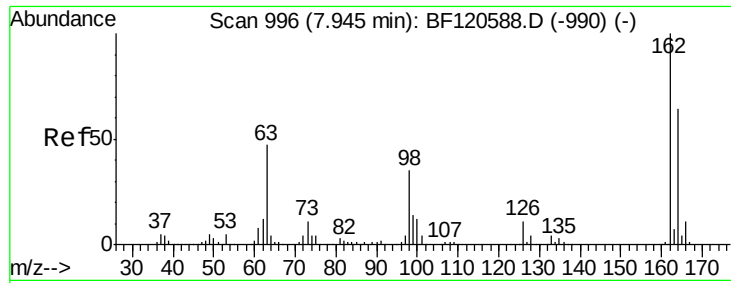
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





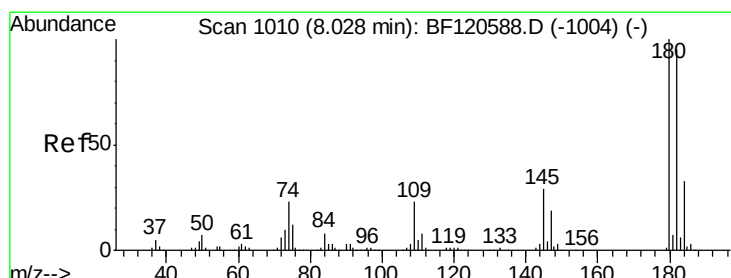
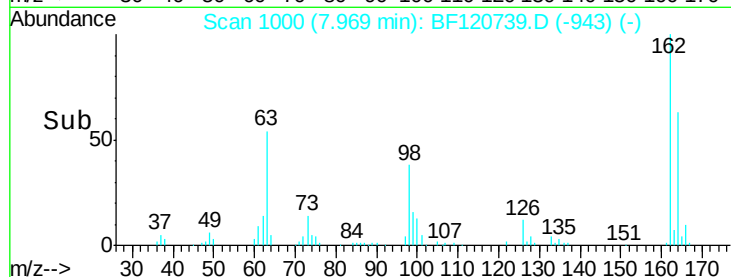
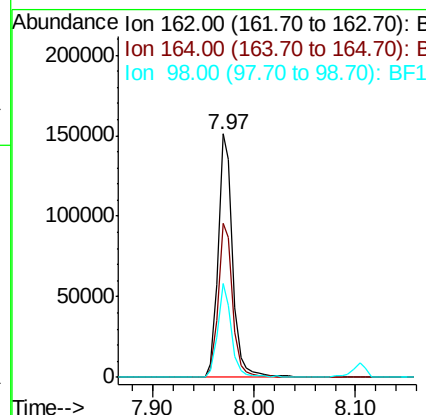
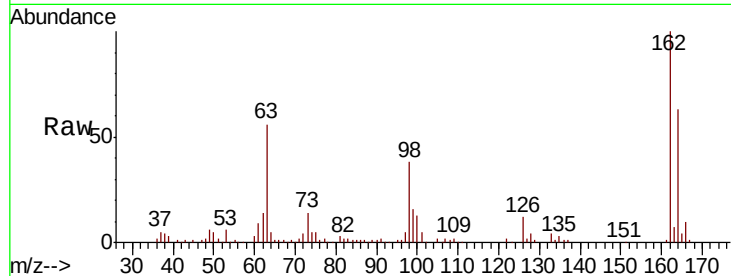
#29
2,4-Dichlorophenol
Concen: 49.201 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	150780		
164	63.5	45.1	85.1	
98	38.3	16.2	56.2	

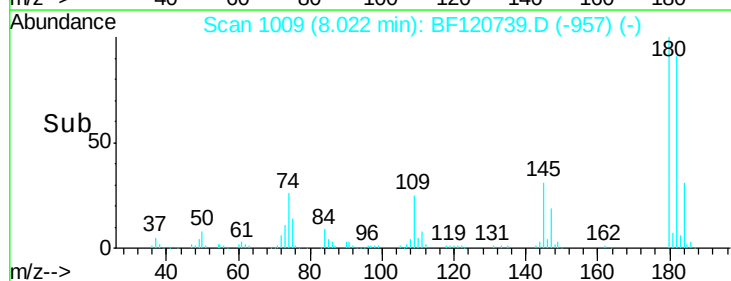
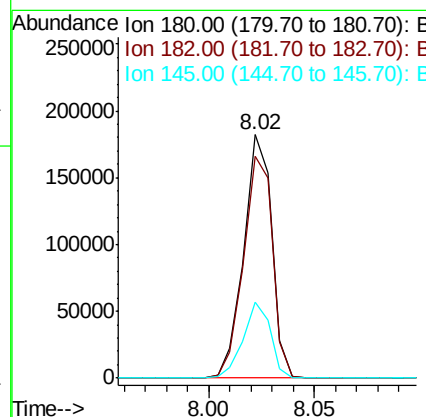
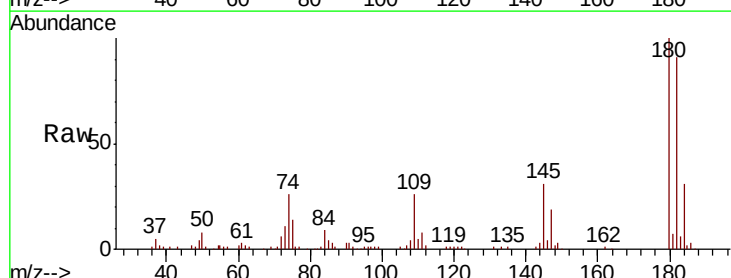
Manual Integrations
APPROVED

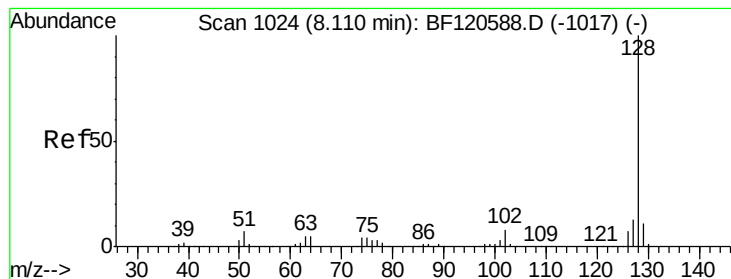
mohammad
6/30/2020 4:14:48 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.395 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	167754		
182	91.2	76.0	114.0	
145	31.0	23.4	35.2	





#31

Naphthalene

Concen: 49.940 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

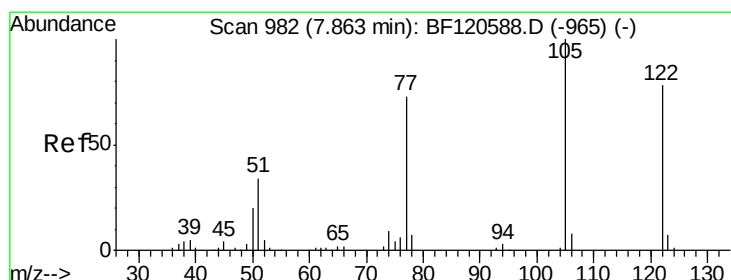
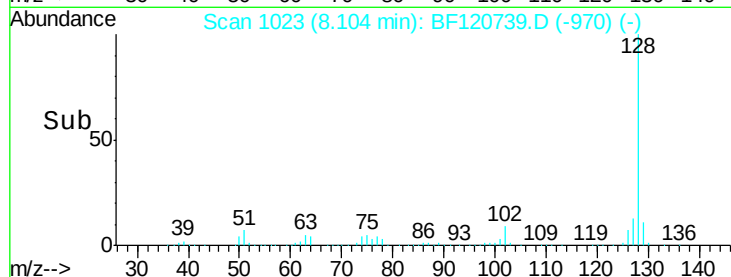
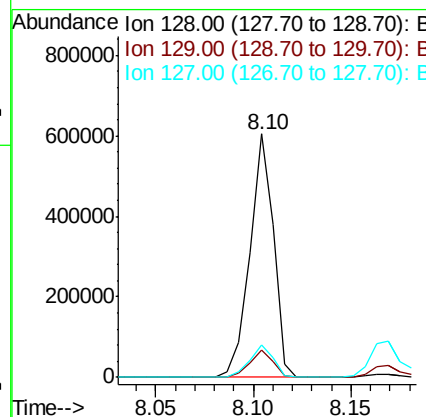
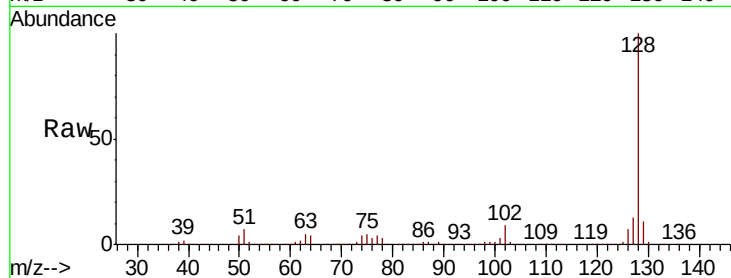
ClientSampleId :

78-64MS

Tot Ion	128	Resp	506959
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.2	10.7	16.1

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#32

Benzoic acid

Concen: 43.809 ng

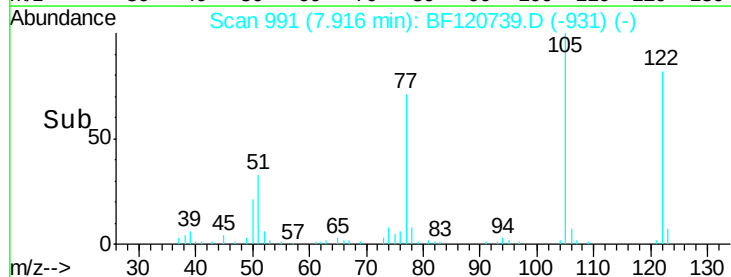
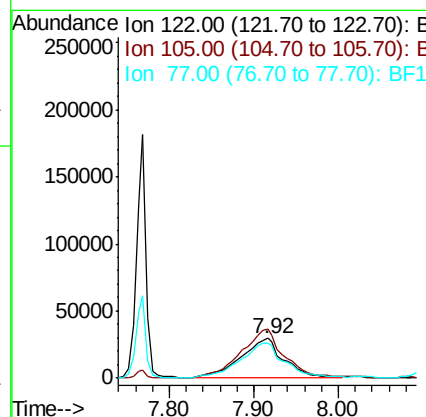
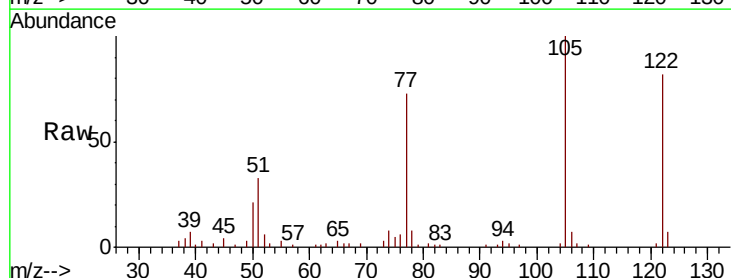
RT: 7.92 min Scan# 991

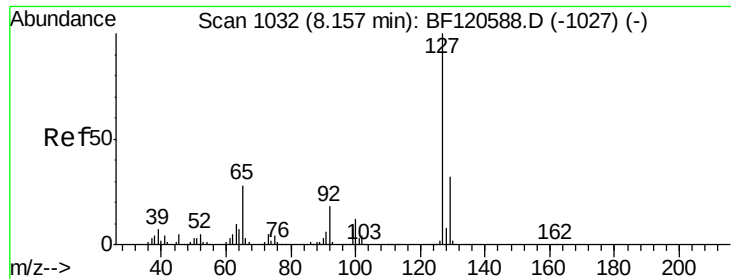
Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion	122	Resp	101336
Ion Ratio	Lower	Upper	
122	100		
105	122.2	98.4	138.4
77	89.1	63.8	103.8





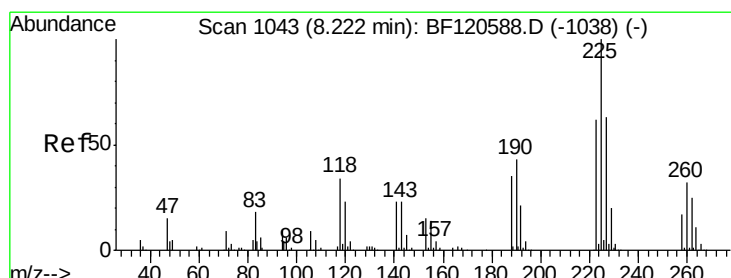
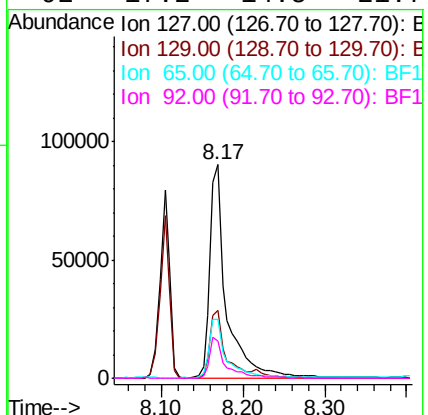
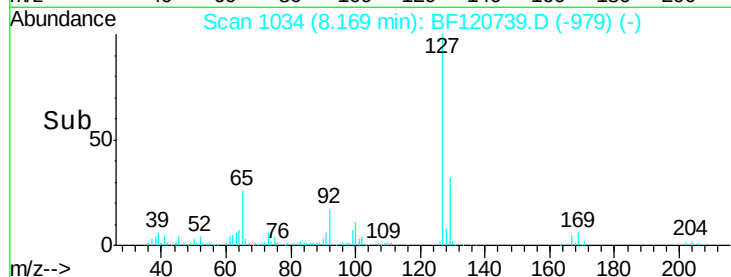
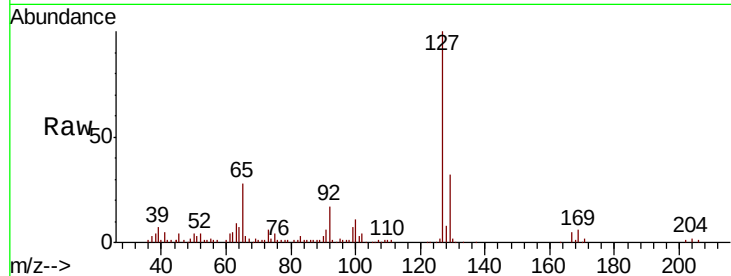
#33
4-Chloroaniline
Concen: 27.522 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.2	39.2		
65	27.8	21.8	32.6		
92	17.2	14.5	21.7		

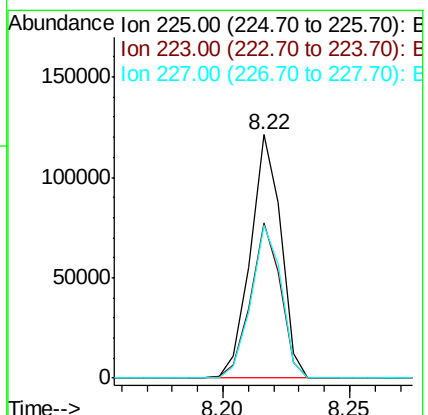
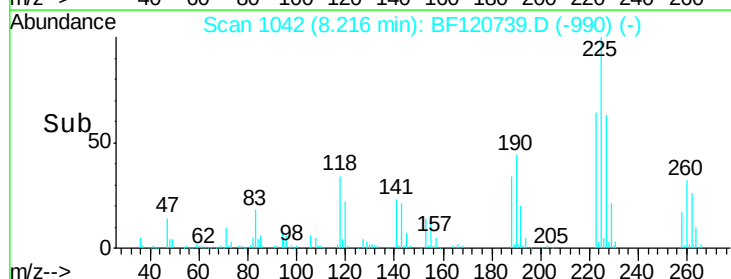
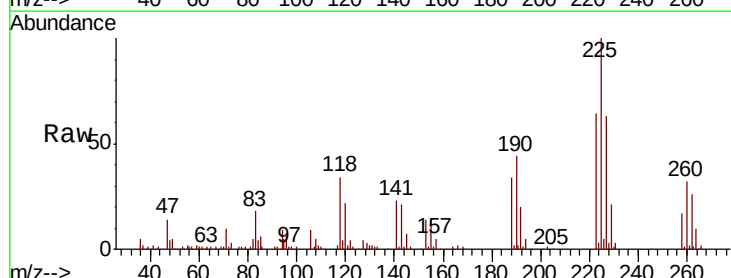
Manual Integrations
APPROVED

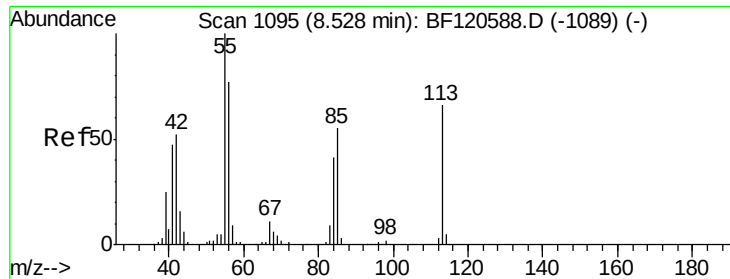
mohammad
6/30/2020 4:14:48 PM



#34
Hexachlorobutadiene
Concen: 51.442 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.0	75.0		
227	63.0	50.5	75.7		





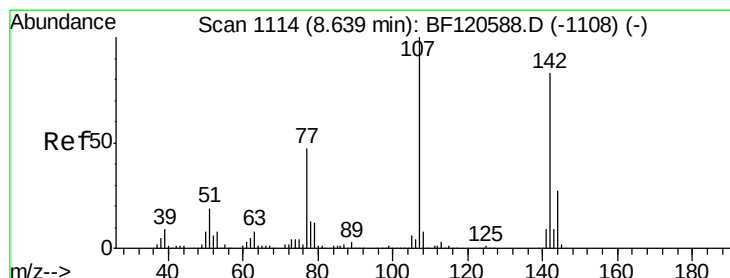
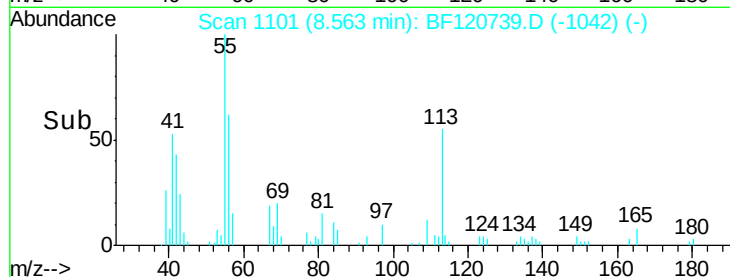
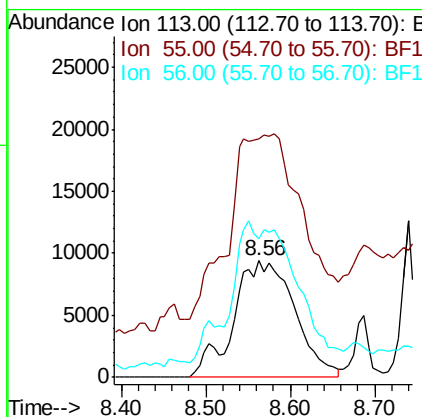
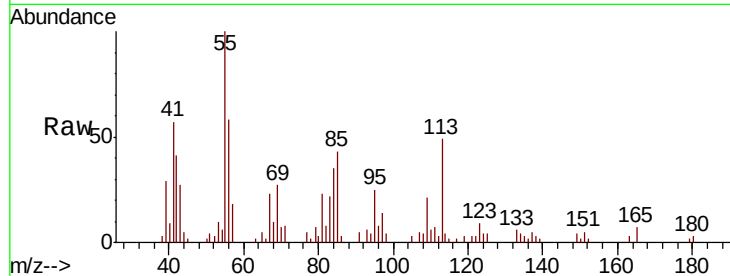
#35
 Caprolactam
 Concen: 48.466 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	204.9	143.7	183.7	#
56	118.9	98.6	138.6	

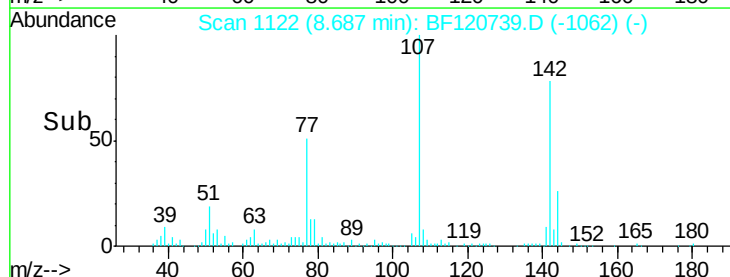
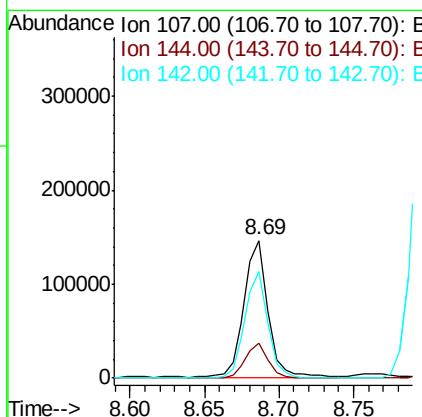
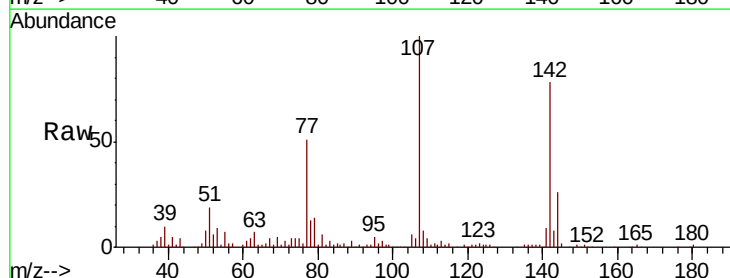
Manual Integrations
 APPROVED

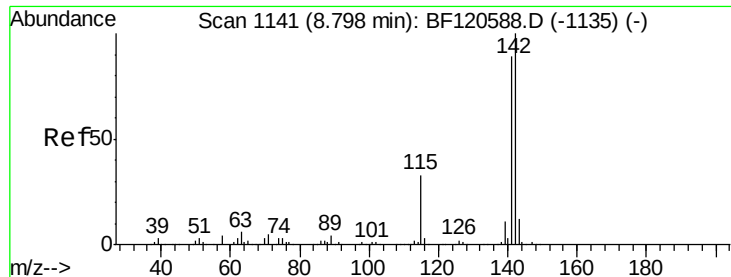
mohammad
 6/30/2020 4:14:48 PM



#36
 4-Chloro-3-methylphenol
 Concen: 52.452 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.6	21.9	32.9	
142	77.7	67.7	101.5	





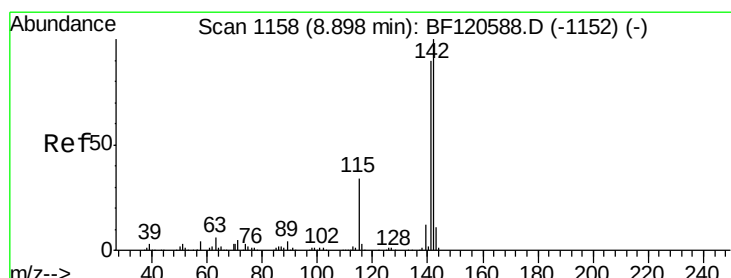
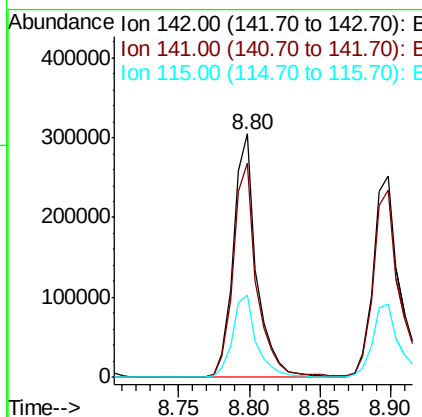
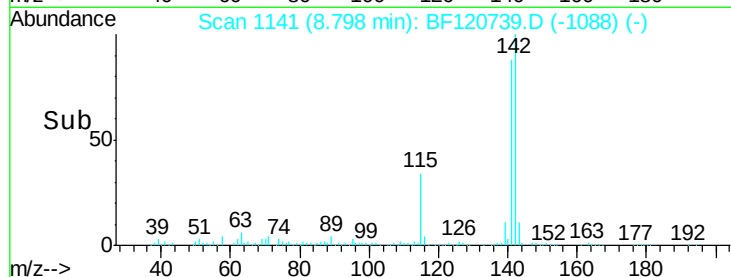
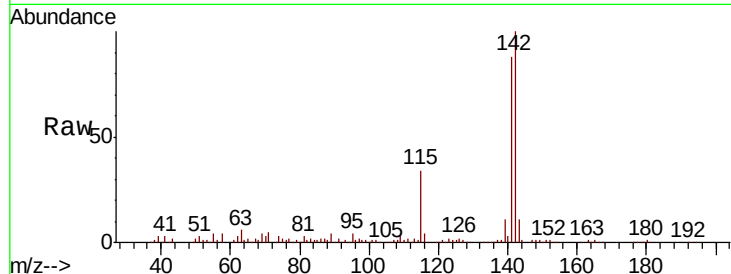
#37
2-Methylnaphthalene
Concen: 52.592 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.2	103.8
115	34.0	26.3	39.5

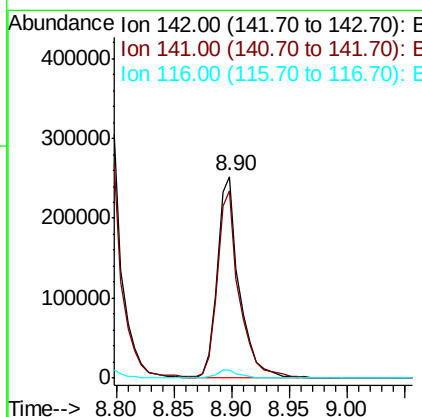
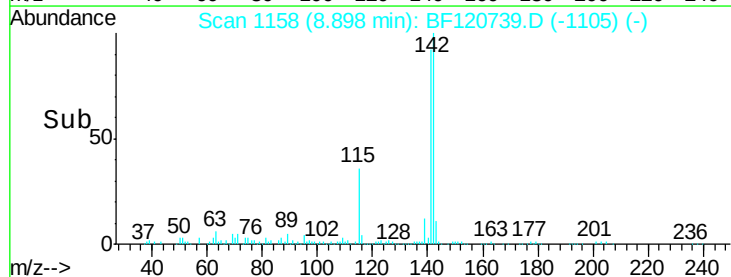
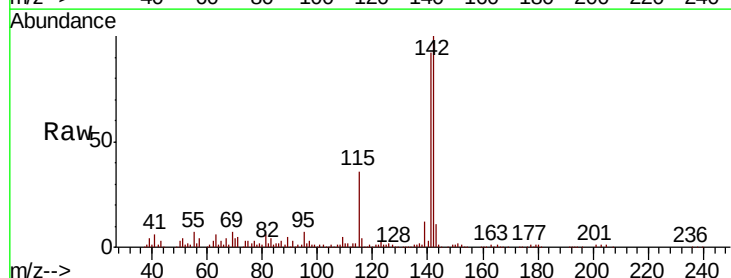
Manual Integrations
APPROVED

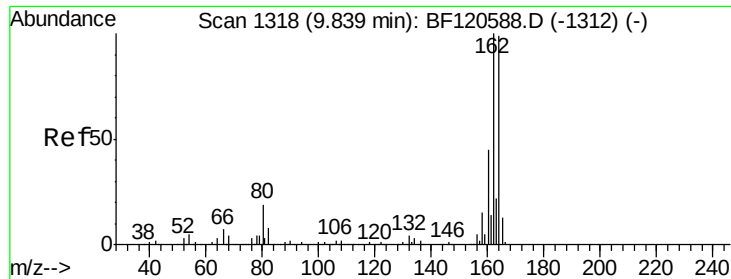
mohammad
6/30/2020 4:14:48 PM



#38
1-Methylnaphthalene
Concen: 52.782 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.7	109.1
116	4.0	2.7	4.1





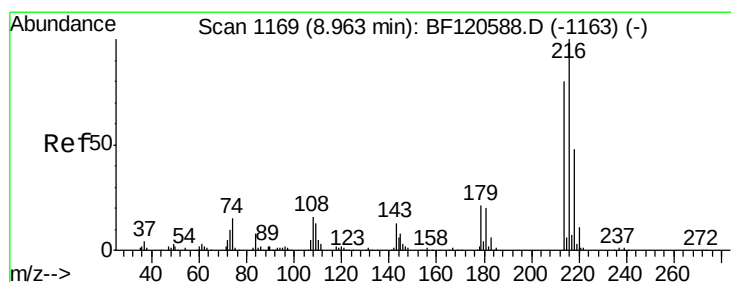
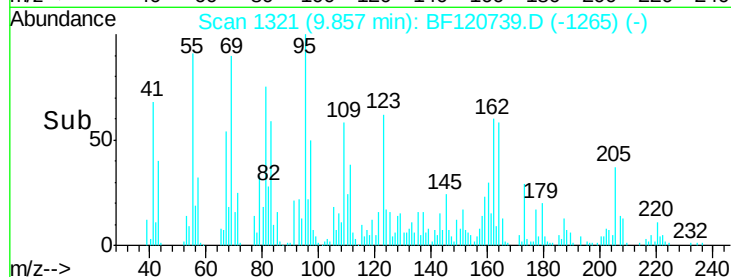
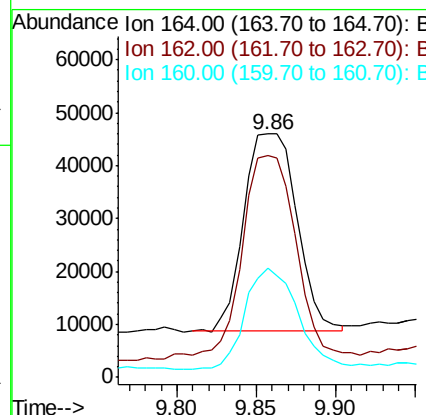
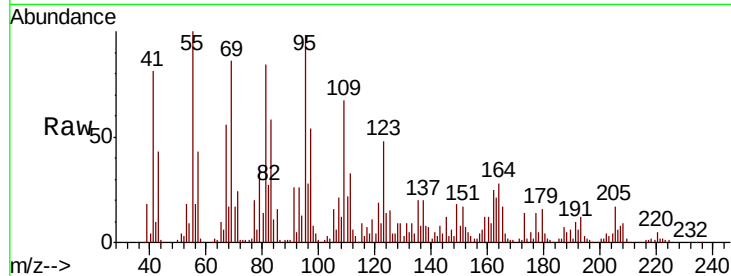
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	91.0	81.4	122.0
160	44.8	36.6	55.0

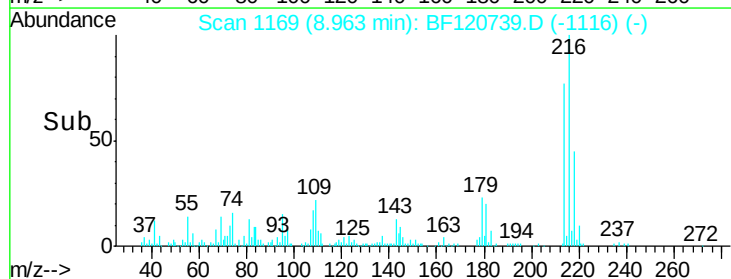
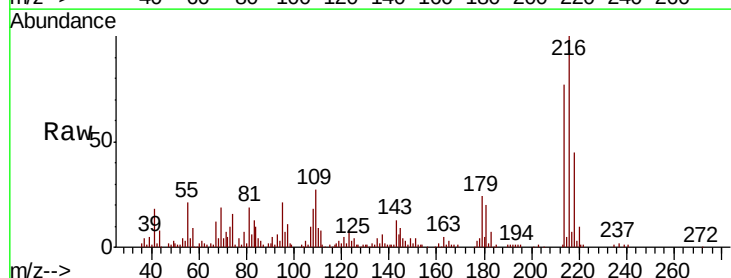
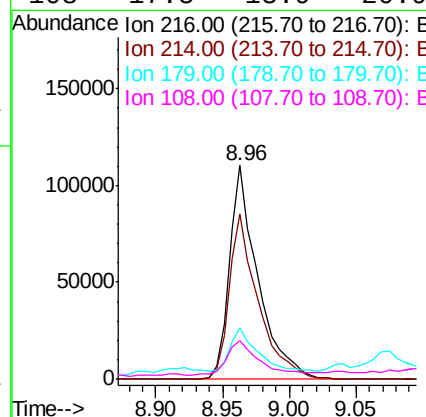
Manual Integrations
APPROVED

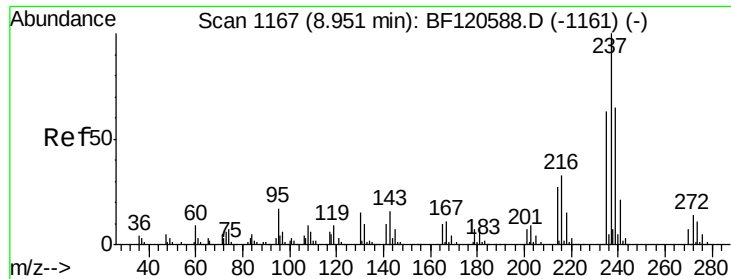
mohammad
6/30/2020 4:14:48 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.387 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.1	94.7
179	19.7	16.3	24.5
108	17.5	13.9	20.9





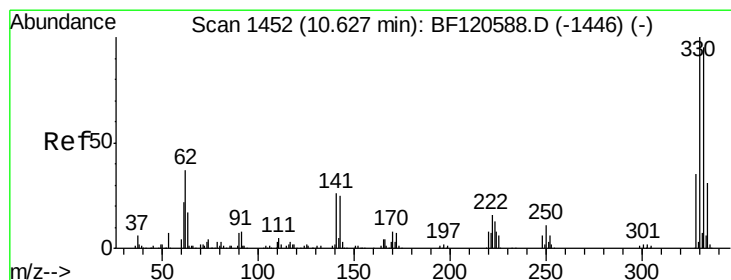
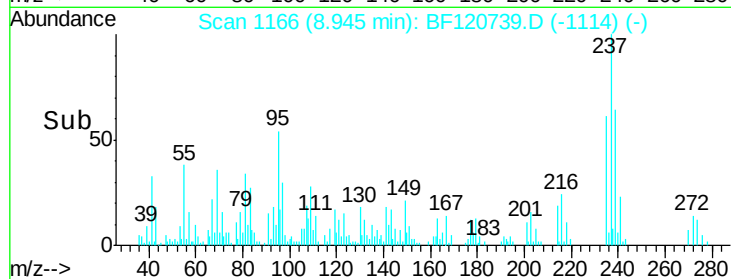
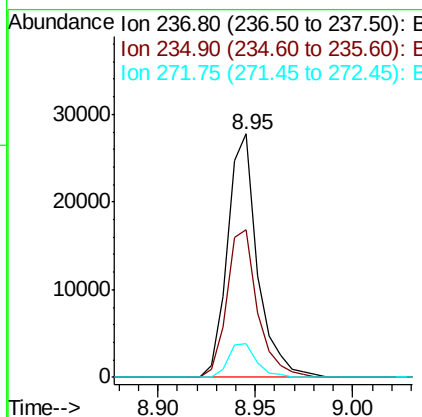
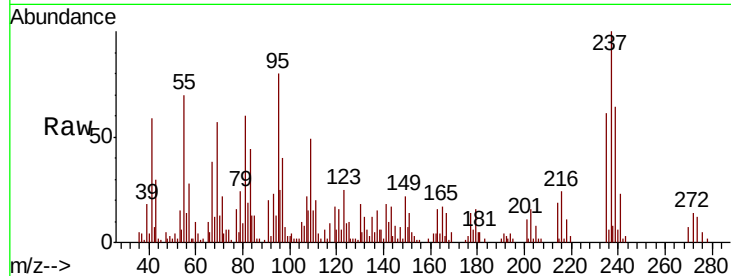
#41
Hexachlorocyclopentadiene
Concen: 20.376 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion:	237	Resp:	29526
Ion Ratio	Lower	Upper	
237	100		
235	60.8	42.2	82.2
272	13.7	0.0	33.6

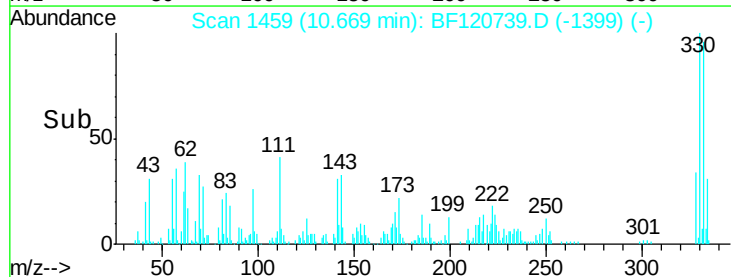
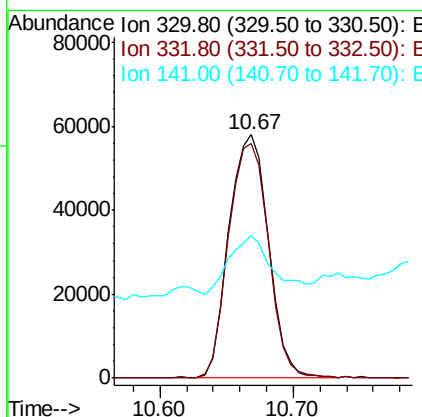
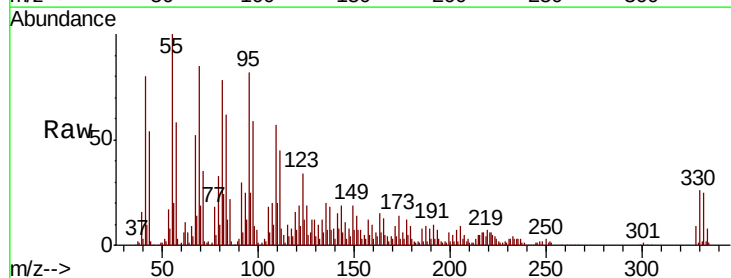
Manual Integrations
APPROVED

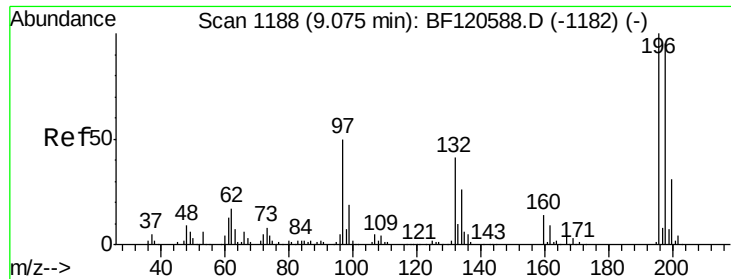
mohammad
6/30/2020 4:14:48 PM



#42
2,4,6-Tribromophenol
Concen: 118.640 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:	330	Resp:	119456
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.4	114.6
141	26.2	23.0	34.6





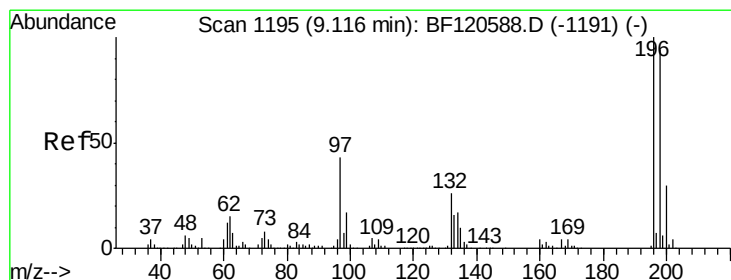
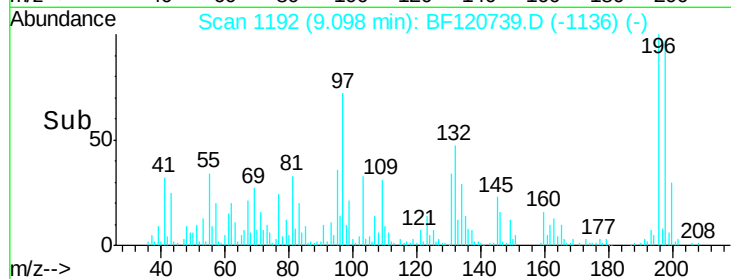
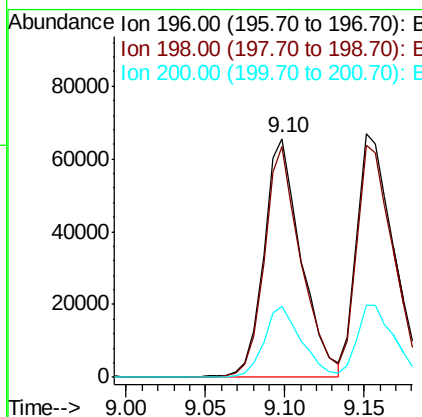
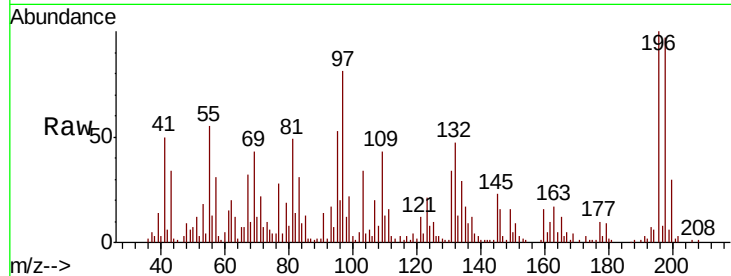
#43
 2,4,6-Trichlorophenol
 Concen: 58.789 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampled :
 78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107839		
198	96.8		77.8	116.6
200	30.0		24.7	37.1

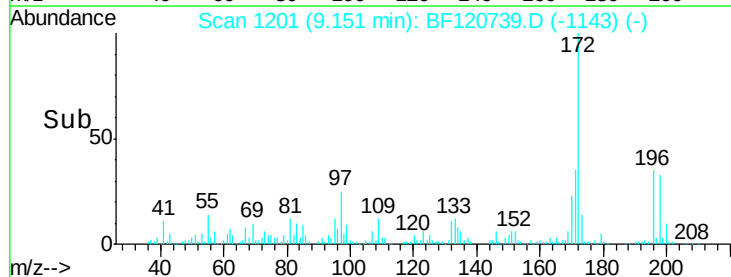
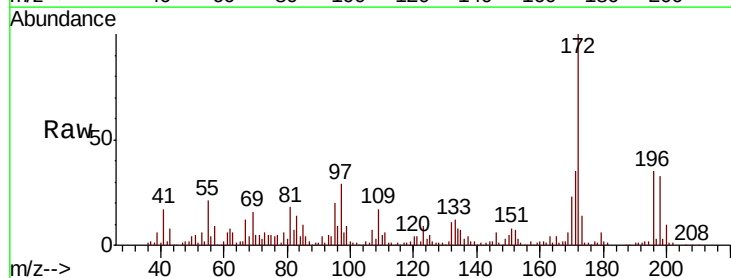
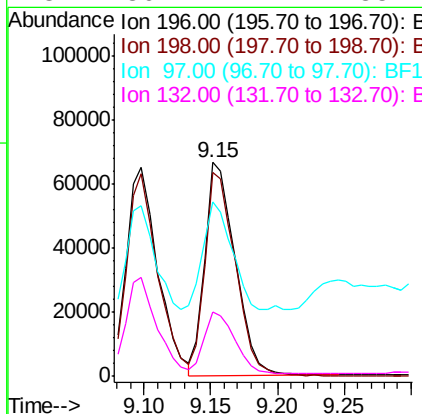
Manual Integrations
 APPROVED

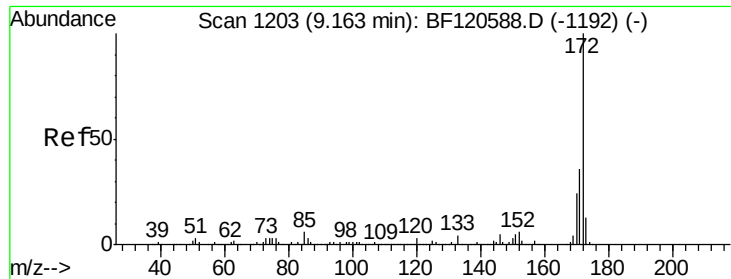
mohammad
 6/30/2020 4:14:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.106 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106356		
198	95.5		76.2	114.2
97	81.6		35.8	53.8#
132	30.1		22.2	33.4





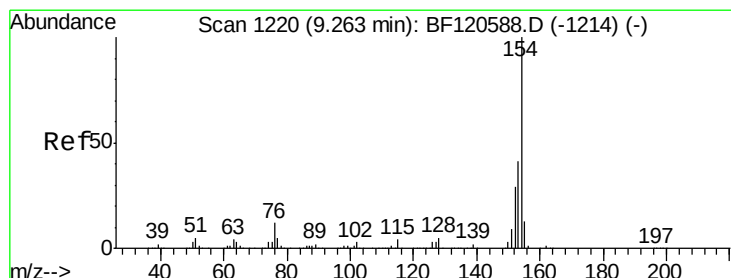
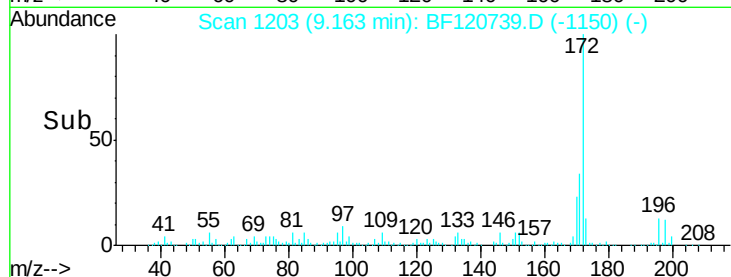
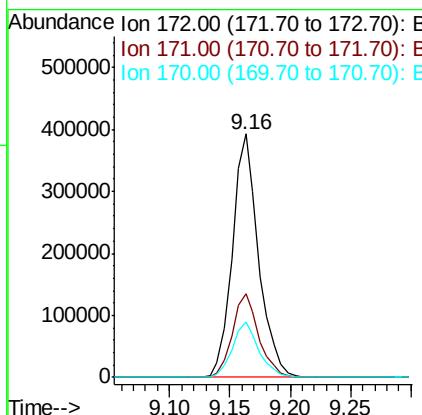
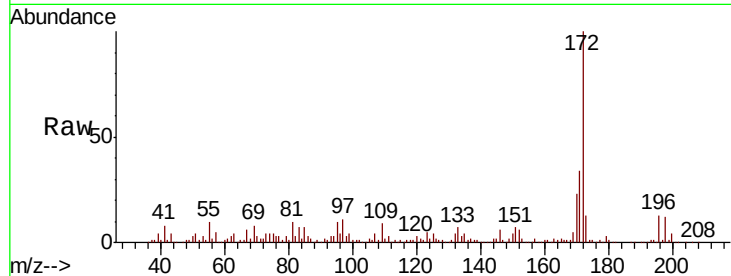
#45
2-Fluorobiphenyl
Concen: 104.302 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion:172	Resp:	590386
Ion Ratio	Lower	Upper
172	100	
171	34.3	28.6 43.0
170	22.7	19.1 28.7

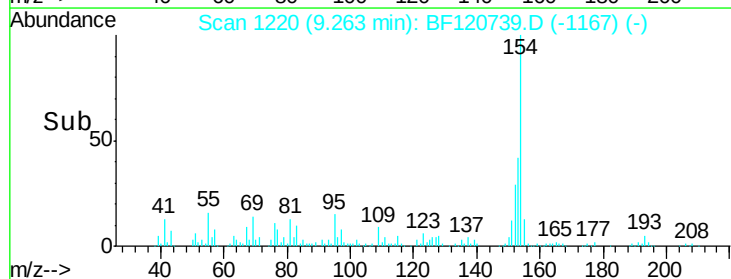
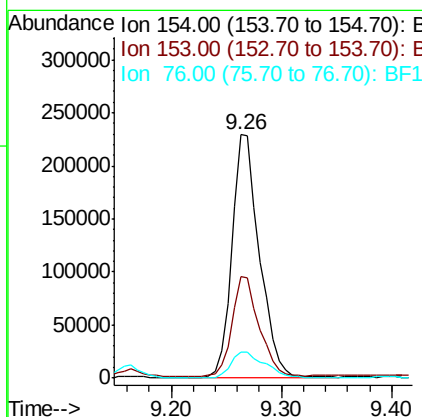
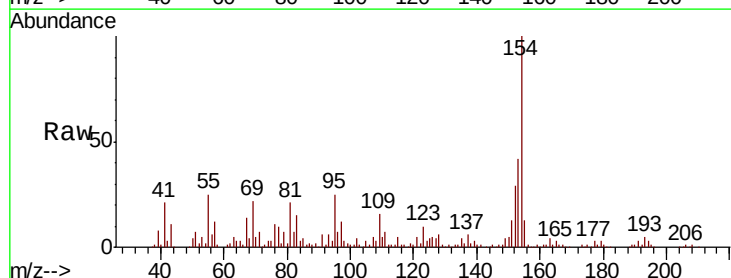
Manual Integrations
APPROVED

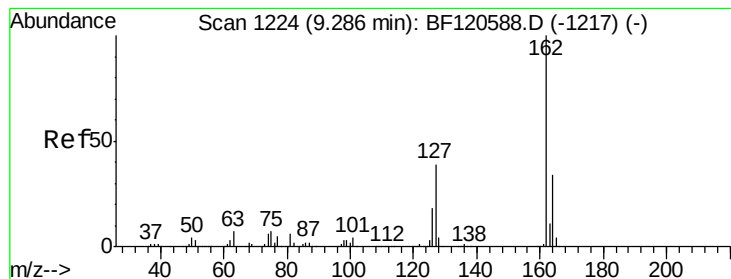
mohammad
6/30/2020 4:14:48 PM



#46
1,1'-Biphenyl
Concen: 61.553 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:154	Resp:	398046
Ion Ratio	Lower	Upper
154	100	
153	41.9	19.9 59.9
76	10.9	0.0 31.0





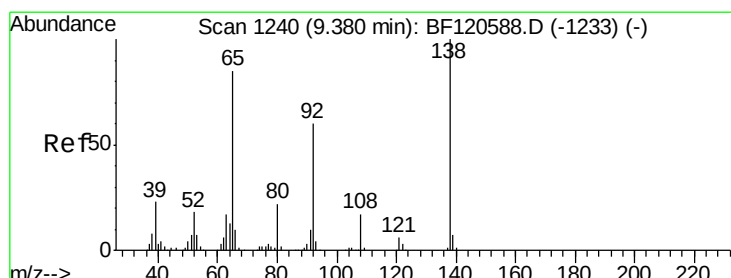
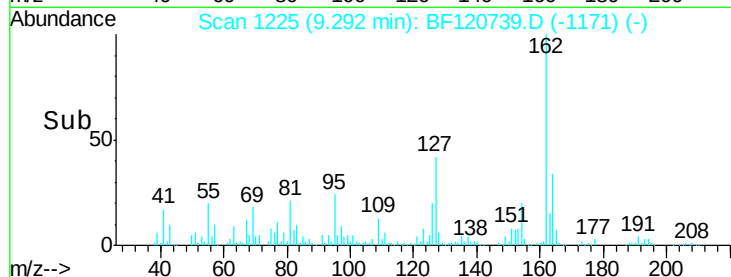
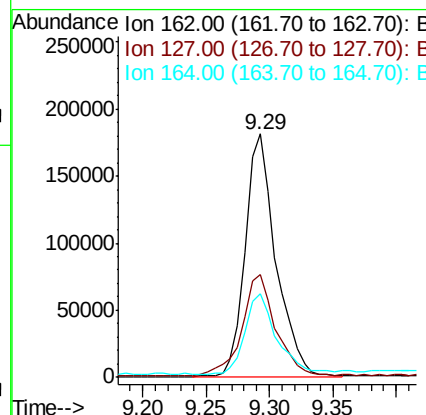
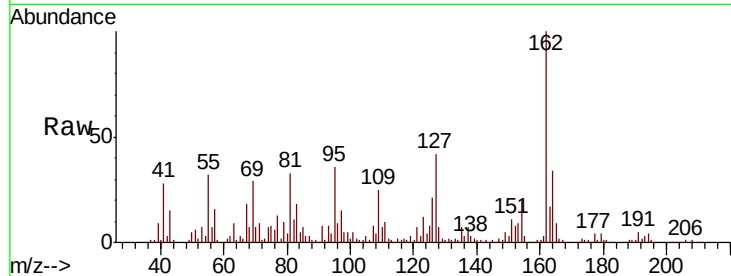
#47
 2-Chloronaphthalene
 Concen: 57.225 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.02 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion:	162	Resp:	302609
Ion Ratio	Lower	Upper	
162	100		
127	42.2	31.2	46.8
164	34.2	26.6	40.0

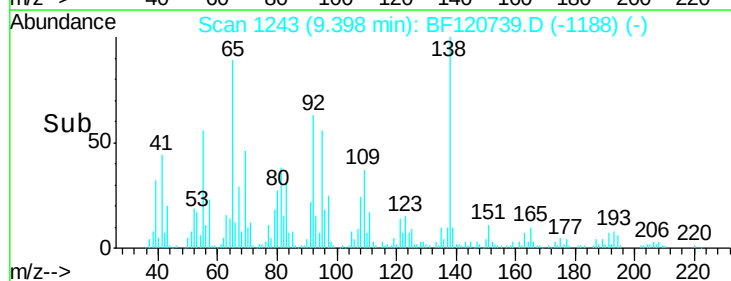
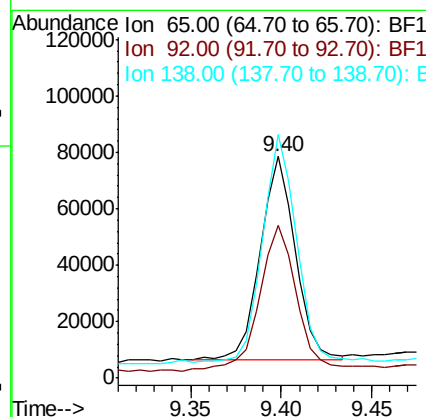
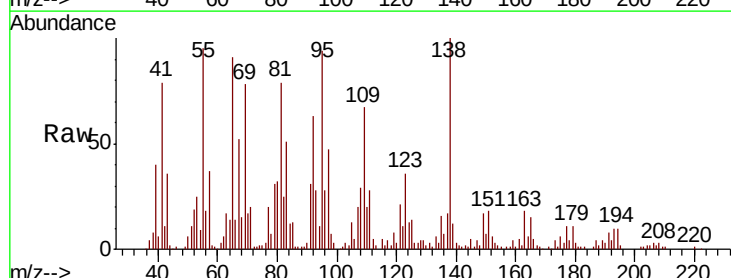
Manual Integrations
 APPROVED

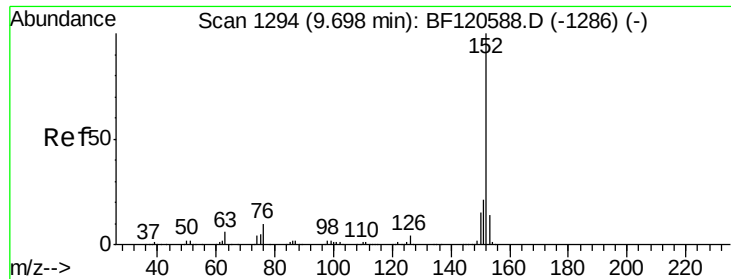
mohammad
 6/30/2020 4:14:48 PM



#48
 2-Nitroaniline
 Concen: 57.882 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.02 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:	65	Resp:	96131
Ion Ratio	Lower	Upper	
65	100		
92	68.9	57.7	86.5
138	110.0	96.6	145.0





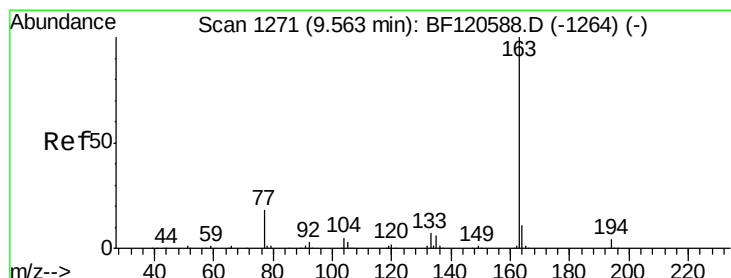
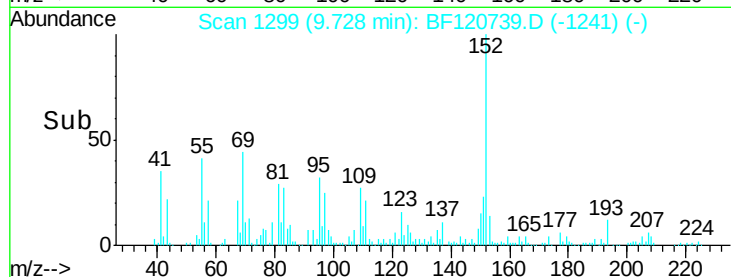
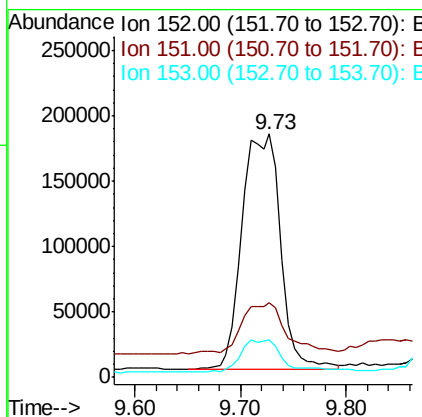
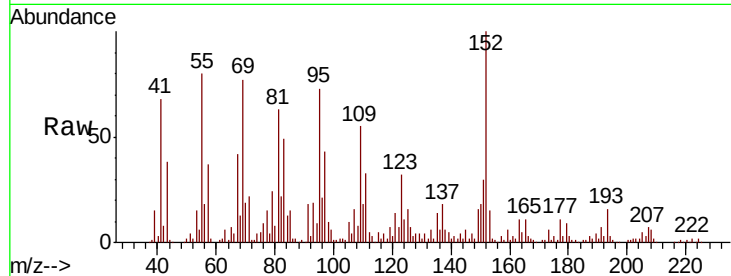
#49
Acenaphthylene
Concen: 55.631 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	30.5	15.8	23.8#
153	15.4	10.9	16.3

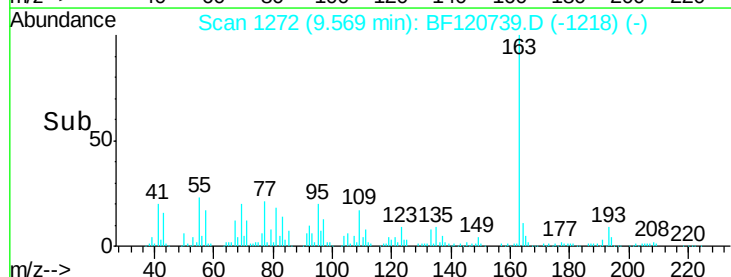
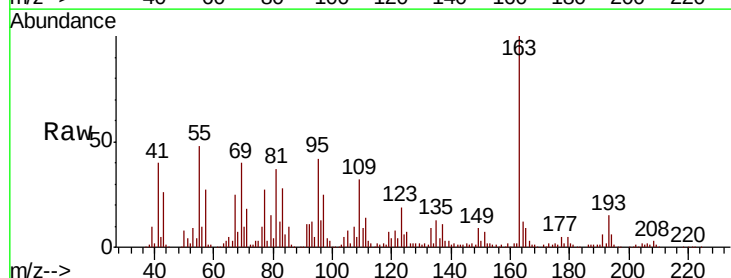
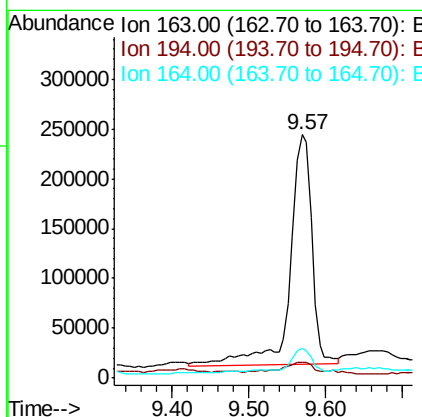
Manual Integrations
APPROVED

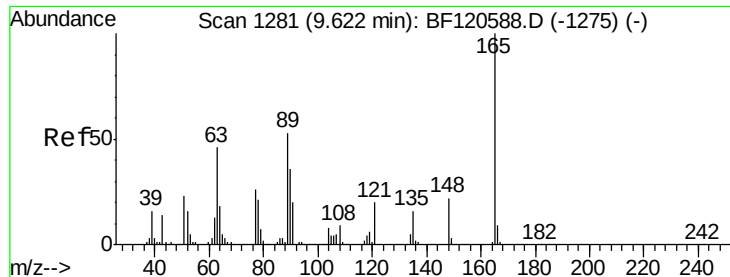
mohammad
6/30/2020 4:14:48 PM



#50
Dimethylphthalate
Concen: 73.025 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.02 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.0	4.6#
164	12.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 61.442 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

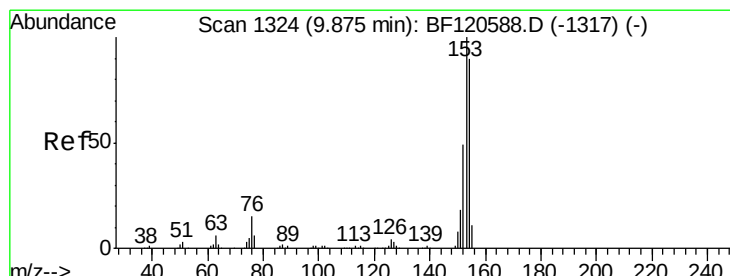
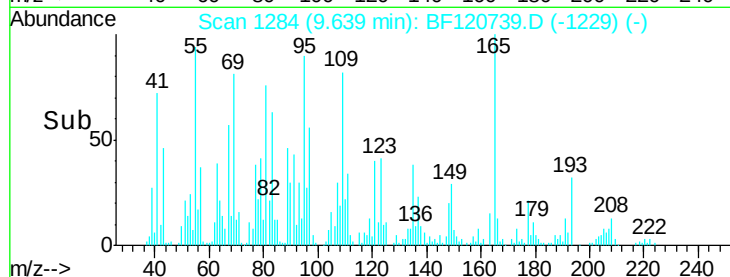
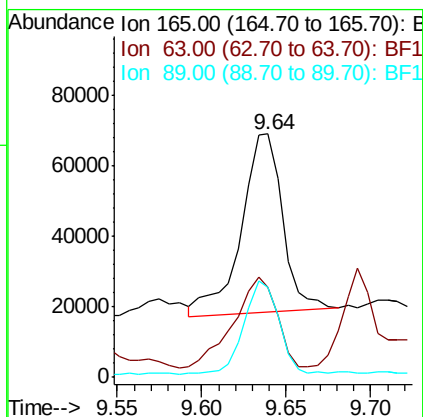
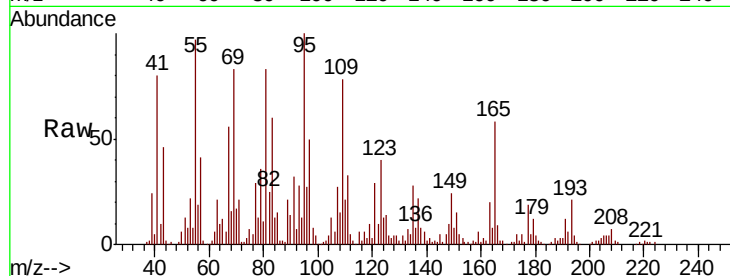
ClientSampleId :

78-64MS

Tot Ion:	165	Resp:	86850
Ion Ratio	Lower	Upper	
165	100		
63	37.0	36.8	55.2
89	36.9	39.4	59.0#

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#52

Acenaphthene

Concen: 51.063 ng

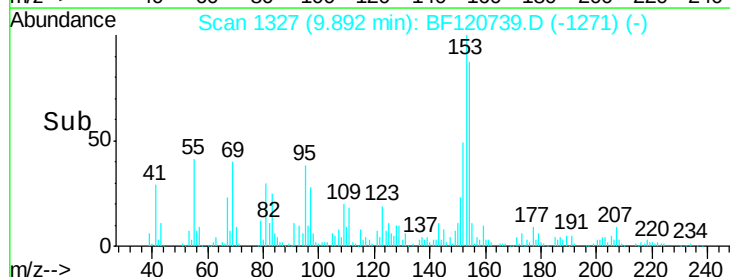
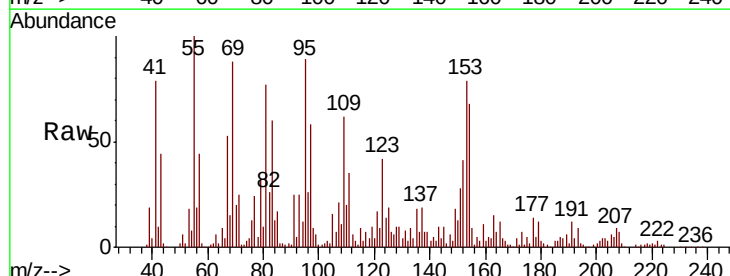
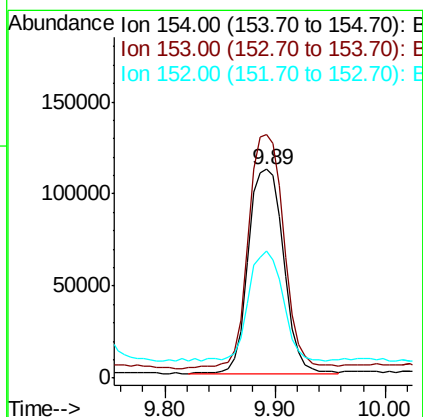
RT: 9.89 min Scan# 1327

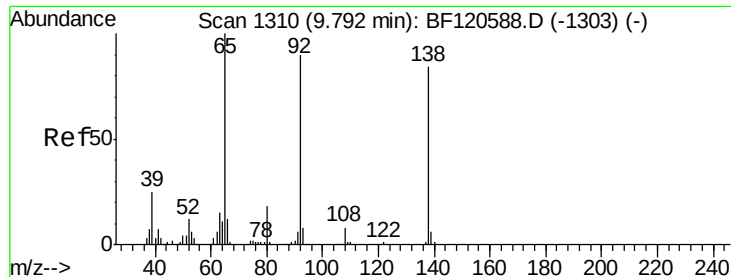
Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	154	Resp:	248539
Ion Ratio	Lower	Upper	
154	100		
153	116.6	90.1	135.1
152	60.9	43.1	64.7





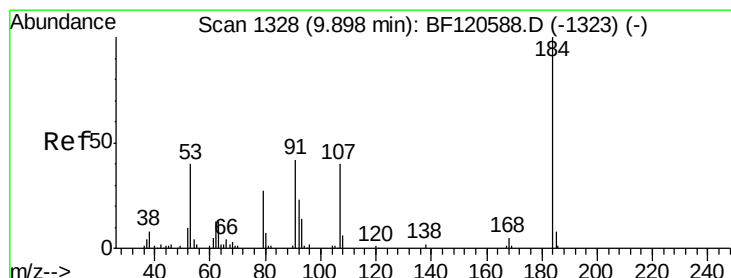
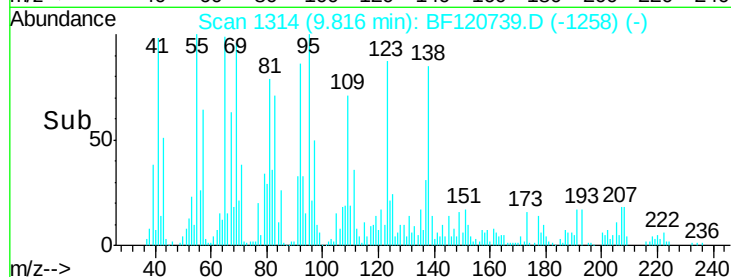
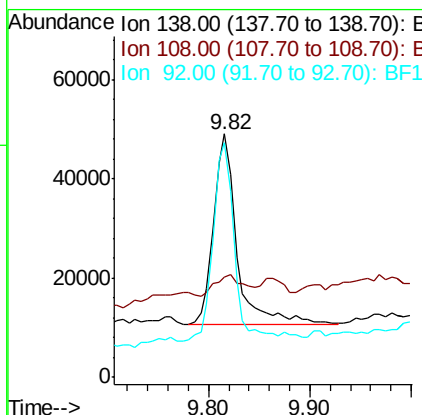
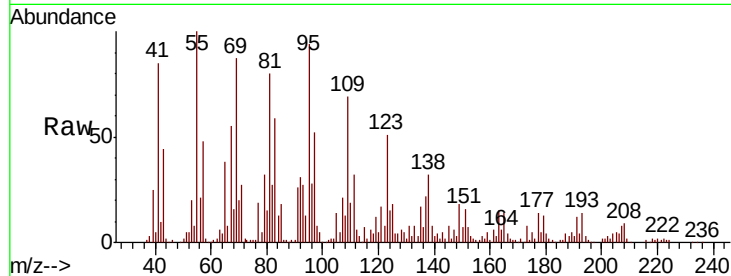
#53
3-Nitroaniline
Concen: 36.820 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	41.0	7.6	11.4#
92	96.5	82.2	123.4

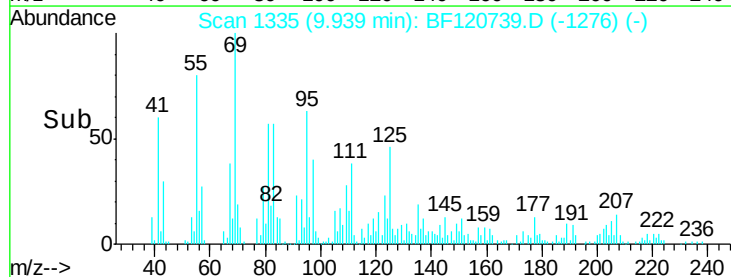
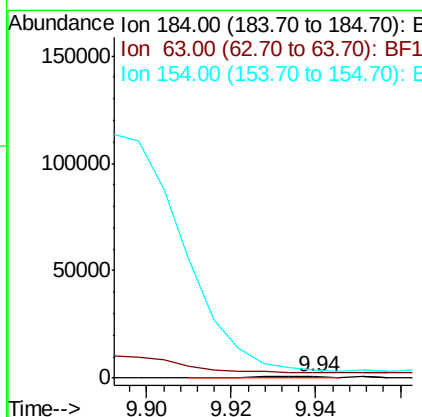
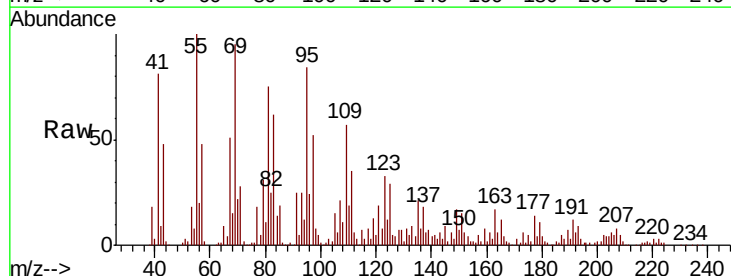
Manual Integrations
APPROVED

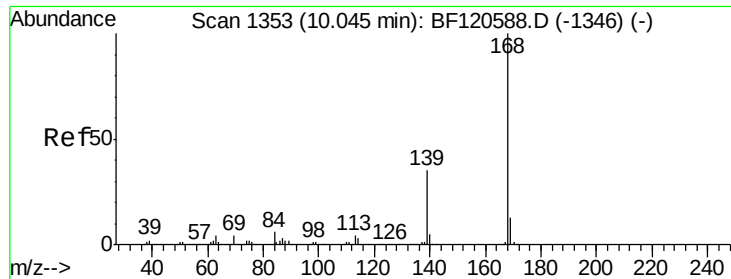
mohammad
6/30/2020 4:14:48 PM



#54
2,4-Dinitrophenol
Concen: 4.018 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	459.9	47.4	71.0#
154	685.9	45.3	67.9#





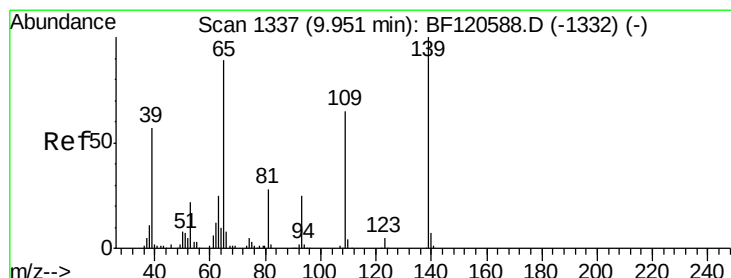
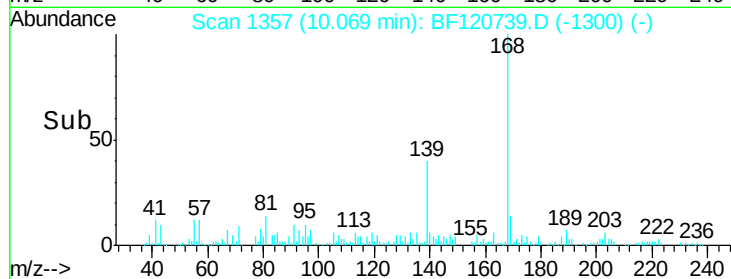
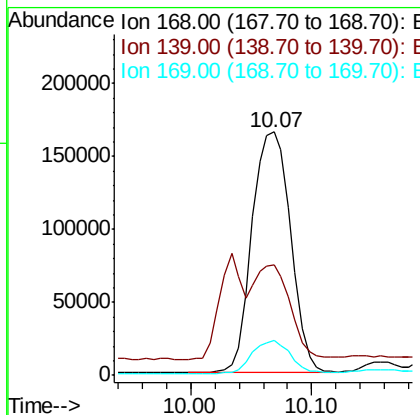
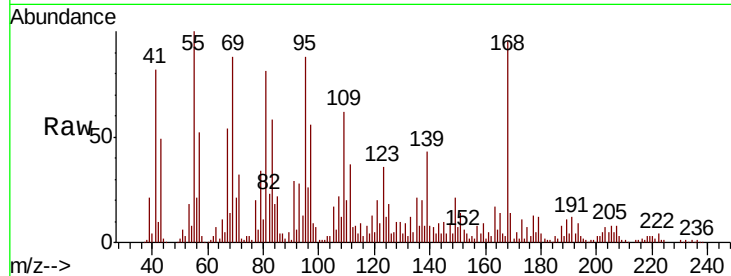
#55
Dibenzofuran
Concen: 49.244 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	45.5	28.6	43.0#
169	14.4	10.7	16.1

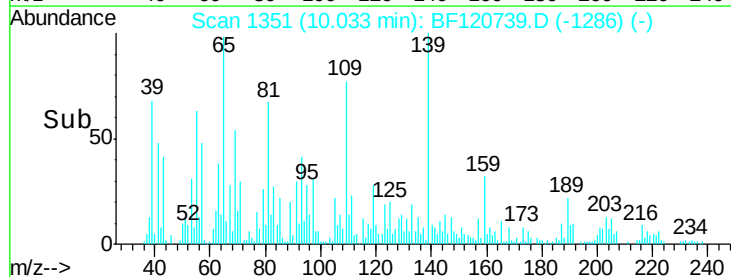
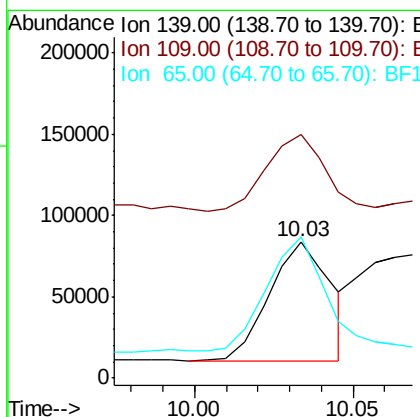
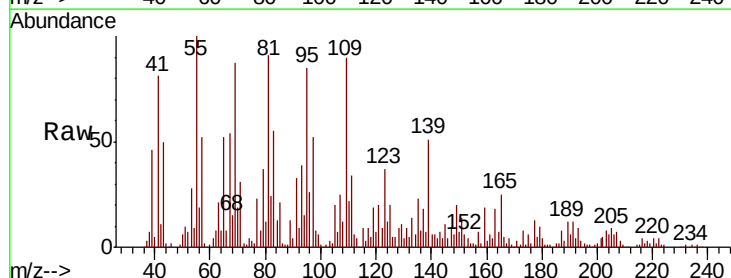
Manual Integrations
APPROVED

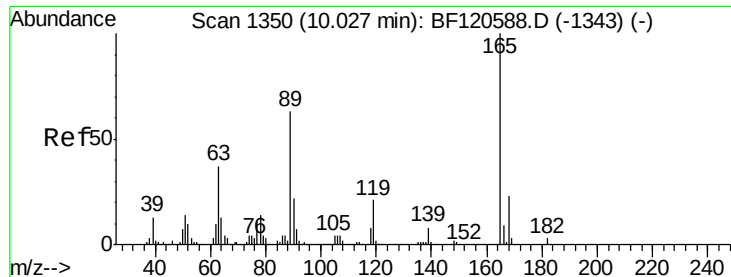
mohammad
6/30/2020 4:14:48 PM



#56
4-Nitrophenol
Concen: 76.565 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.08 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	178.9	44.5	84.5#
65	103.4	69.7	109.7





#57

2,4-Dinitrotoluene

Concen: 41.586 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

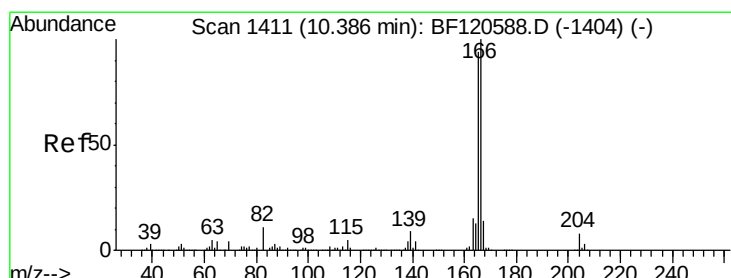
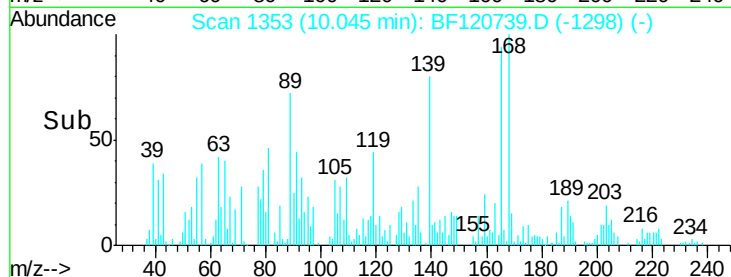
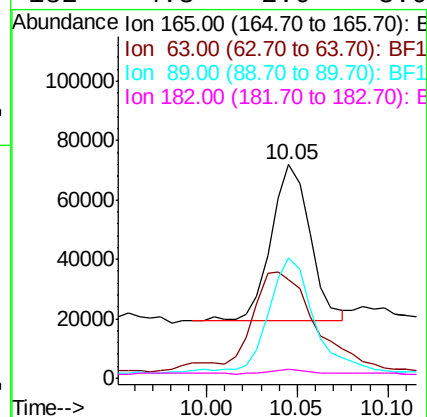
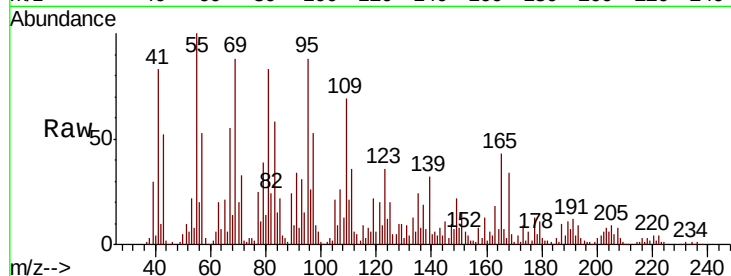
ClientSampleId :

78-64MS

Tot Ion:	165	Resp:	78001
Ion Ratio	Lower	Upper	
165	100		
63	46.4	30.1	45.1#
89	56.6	49.2	73.8
182	4.3	2.0	3.0#

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#58

Fluorene

Concen: 46.905 ng

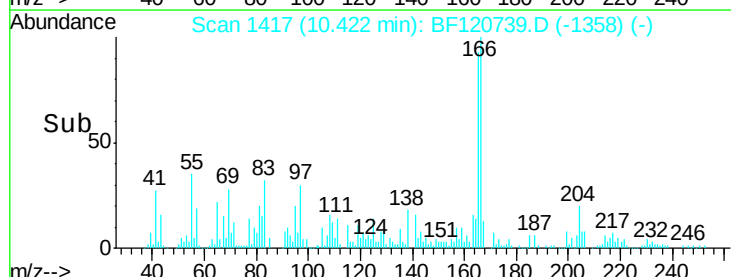
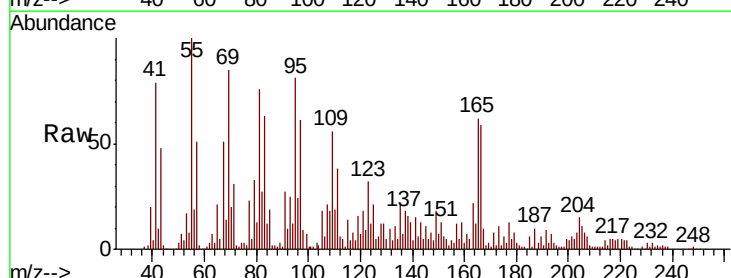
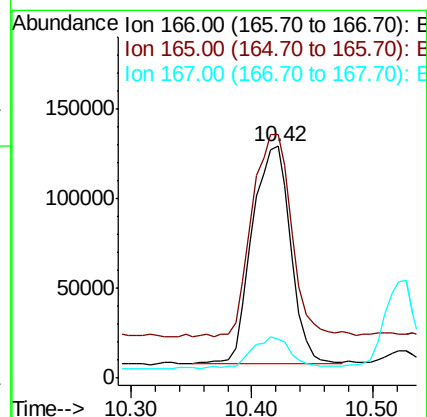
RT: 10.42 min Scan# 1417

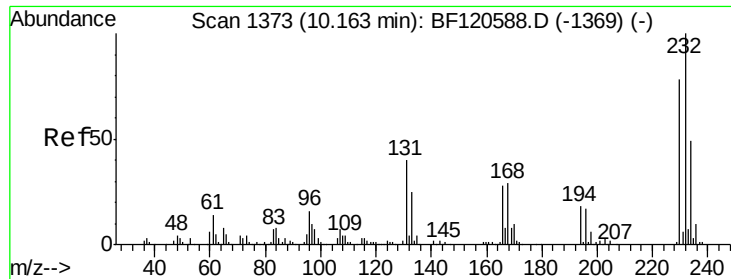
Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	166	Resp:	269859
Ion Ratio	Lower	Upper	
166	100		
165	105.1	74.6	112.0
167	16.9	10.9	16.3#





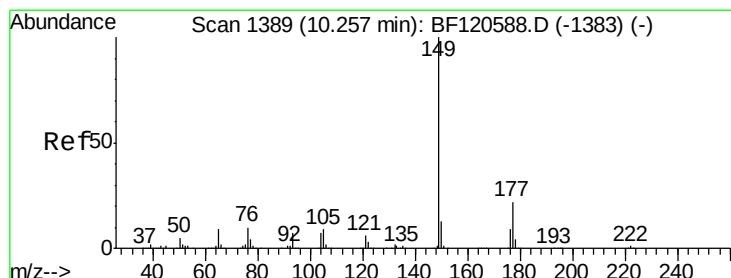
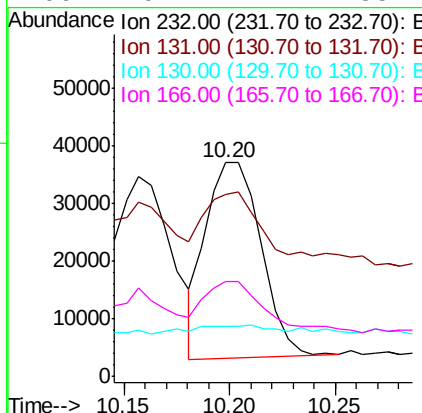
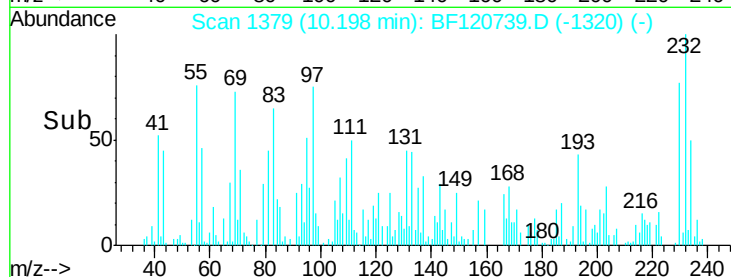
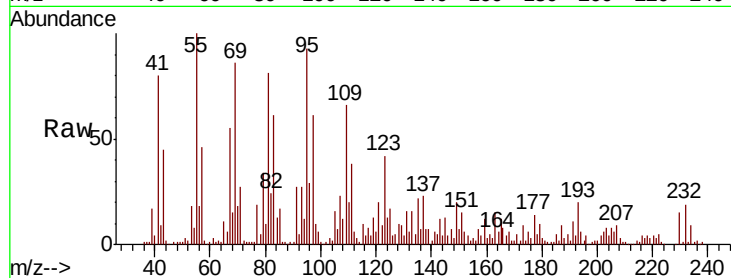
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.637 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	32.4	48.6
130	0.0	1.4	2.2#
166	29.1	22.1	33.1

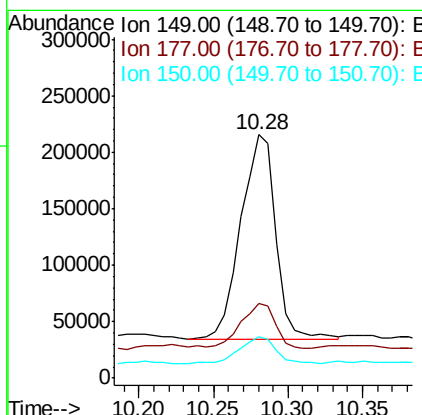
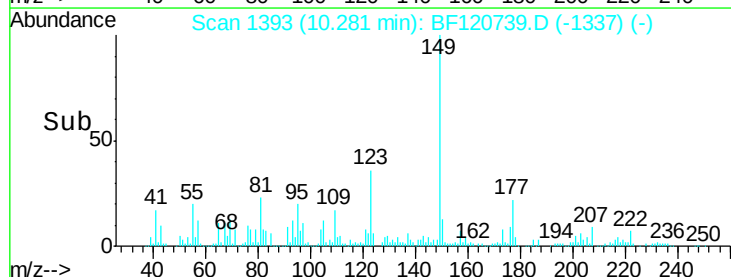
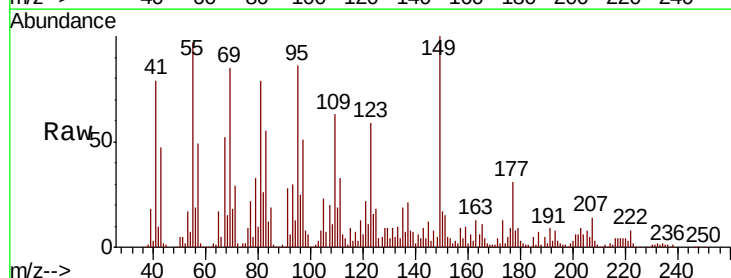
Manual Integrations
 APPROVED

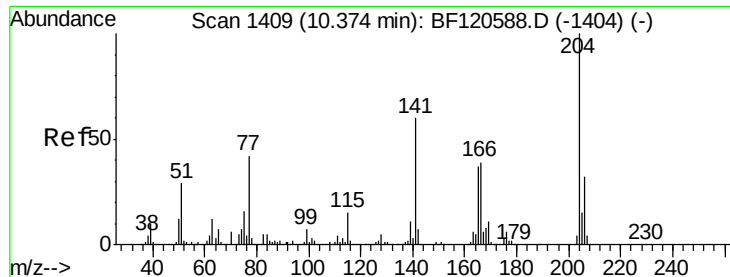
mohammad
 6/30/2020 4:14:48 PM



#60
 Diethylphthalate
 Concen: 47.515 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	30.7	18.0	27.0#
150	17.1	9.8	14.6#





#61

4-Chlorophenyl-phenylether

Concen: 48.066 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

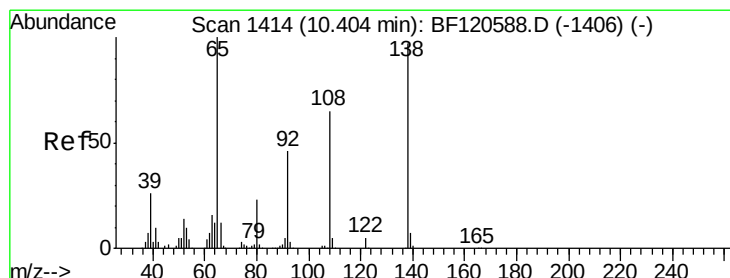
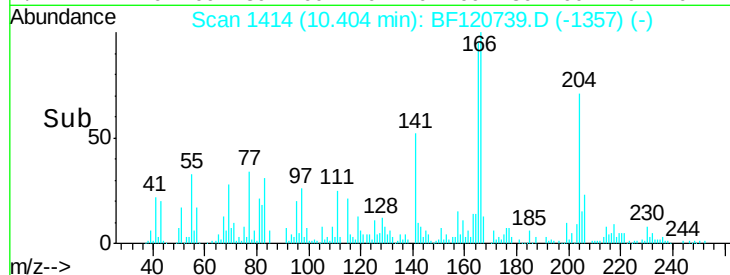
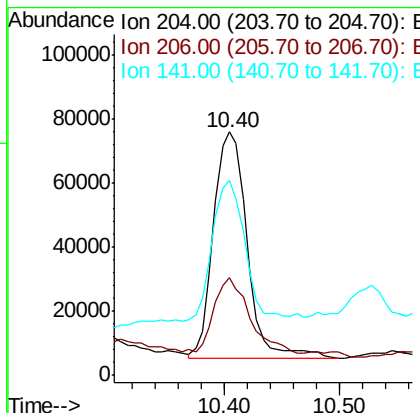
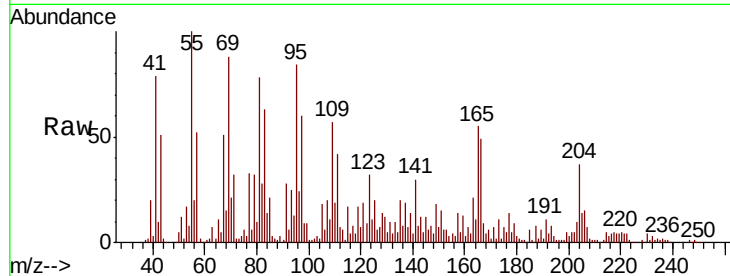
ClientSampled :

78-64MS

Tot Ion:	204	Resp:	142809
Ion Ratio	Lower	Upper	
204	100		
206	40.3	26.4	39.6#
141	80.3	42.9	64.3#

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#62

4-Nitroaniline

Concen: 34.194 ng

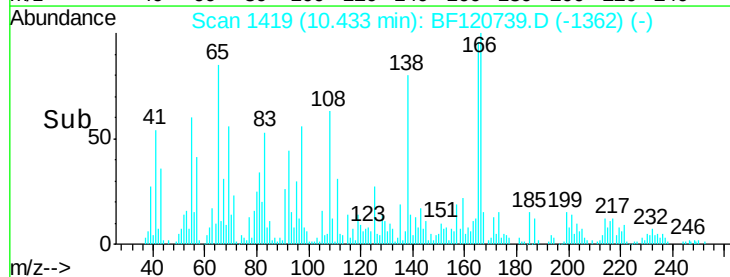
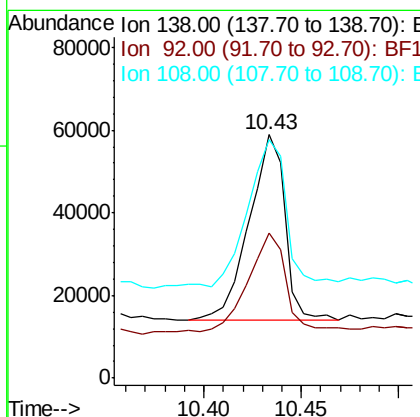
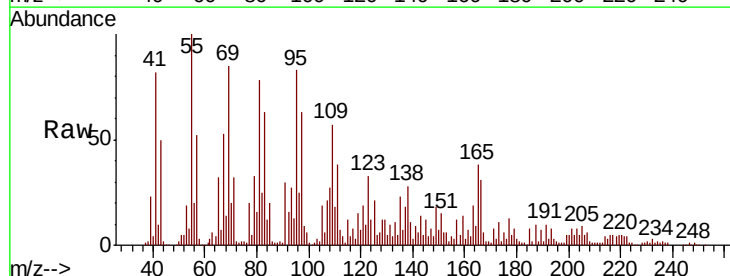
RT: 10.43 min Scan# 1419

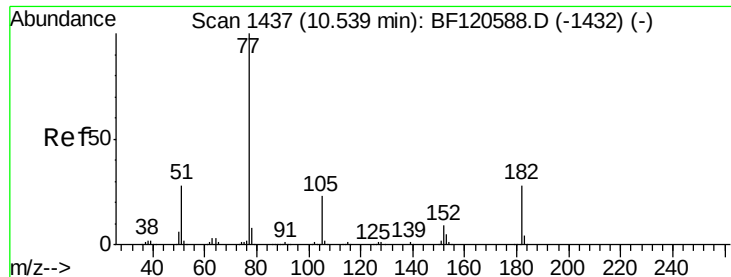
Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	138	Resp:	57633
Ion Ratio	Lower	Upper	
138	100		
92	59.5	26.4	66.4
108	98.0	45.5	85.5#





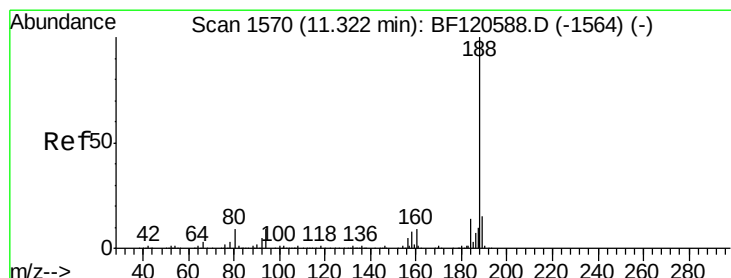
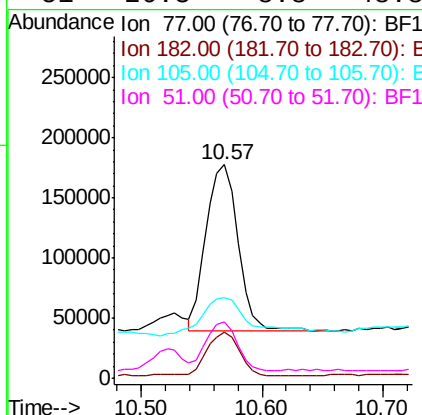
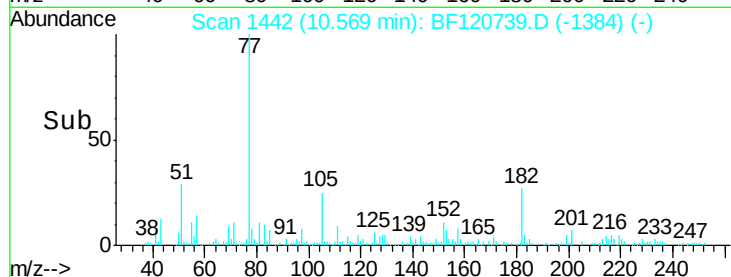
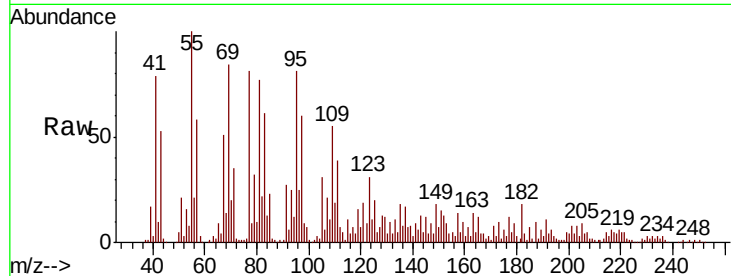
#63
Azobenzene
Concen: 45.881 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.8	7.6	47.6	
105	38.0	3.9	43.9	
51	26.3	8.8	48.8	

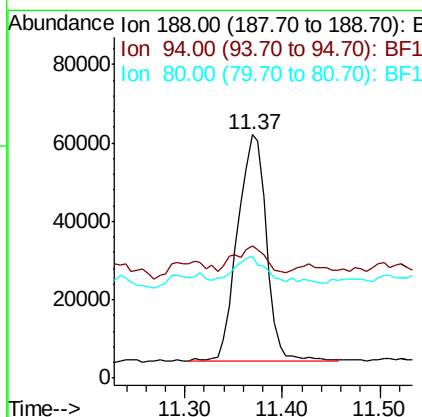
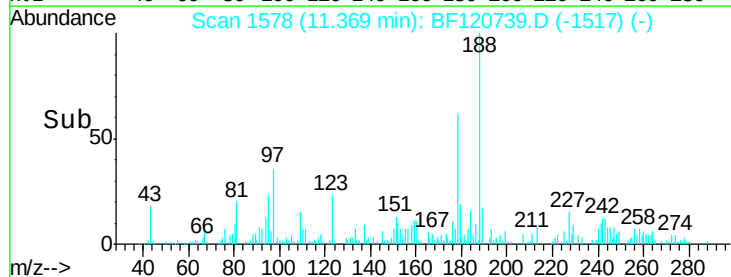
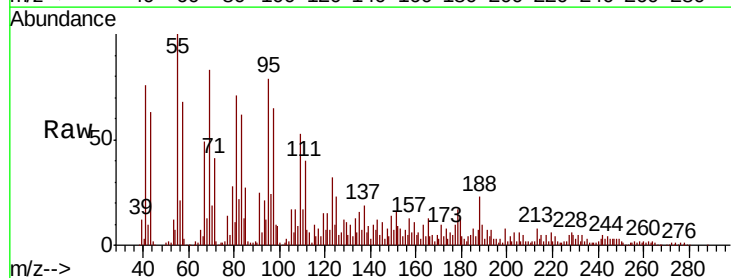
Manual Integrations
APPROVED

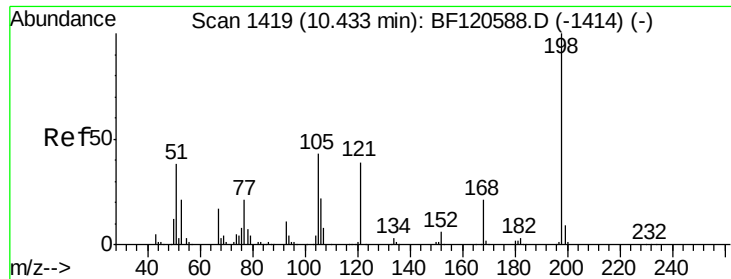
mohammad
6/30/2020 4:14:48 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	54.4	7.5	11.3#	
80	50.2	7.7	11.5#	





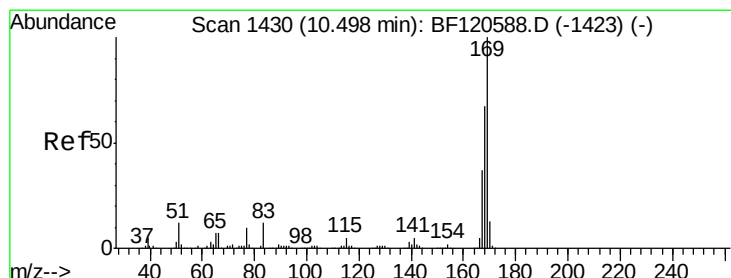
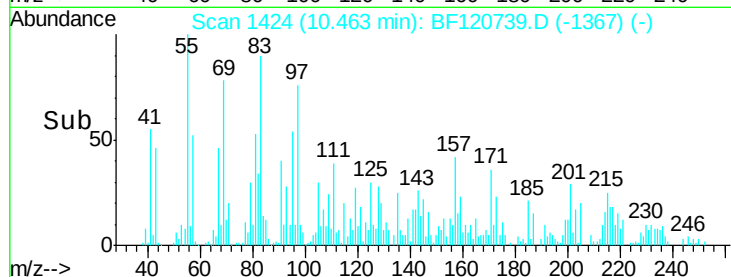
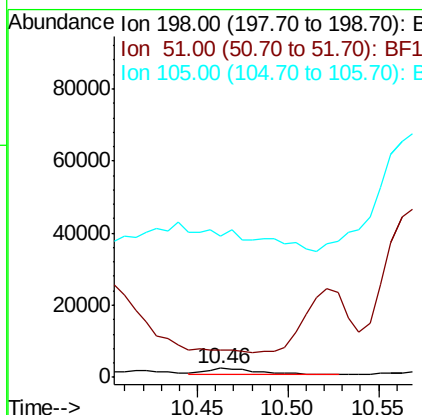
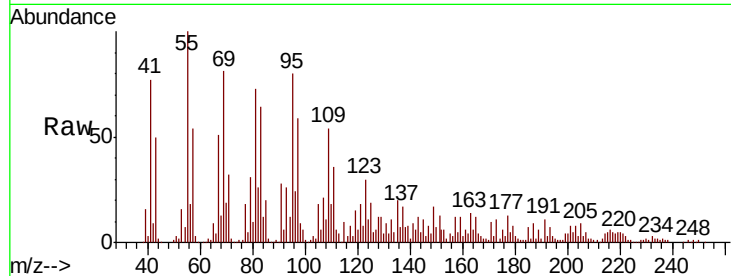
#65
4,6-Dinitro-2-methylphenol
Concen: 4.477 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion:198 Resp: 3185
Ion Ratio Lower Upper
198 100
51 300.4 23.6 63.6#
105 1545.4 24.0 64.0

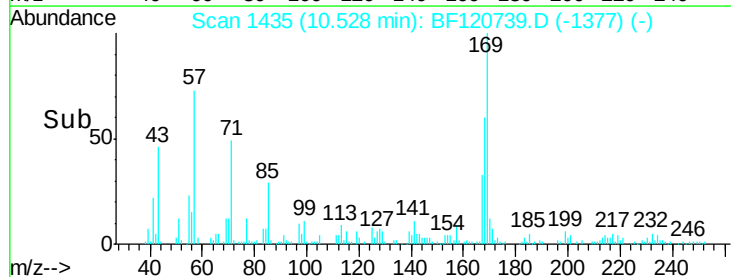
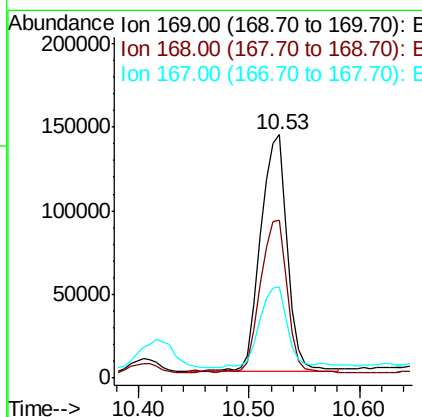
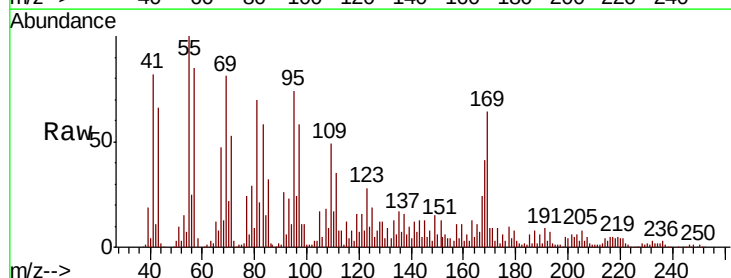
Manual Integrations
APPROVED

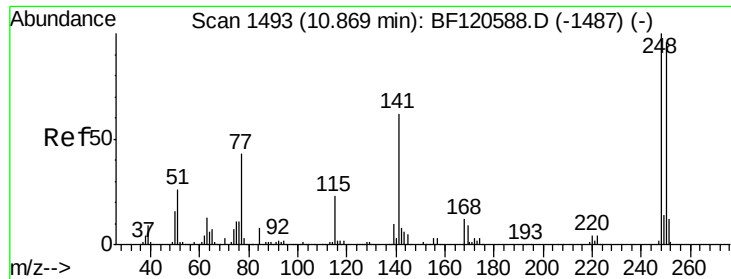
mohammad
6/30/2020 4:14:48 PM



#66
n-Nitrosodiphenylamine
Concen: 66.245 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:169 Resp: 241191
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 37.6 29.2 43.8





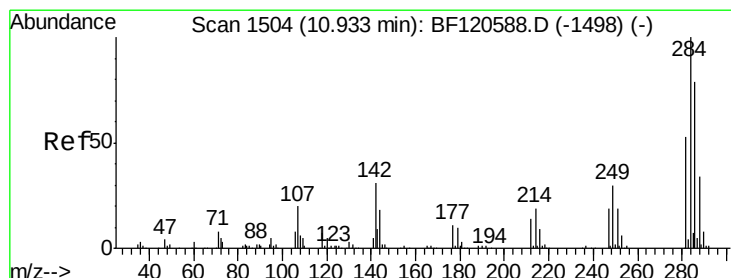
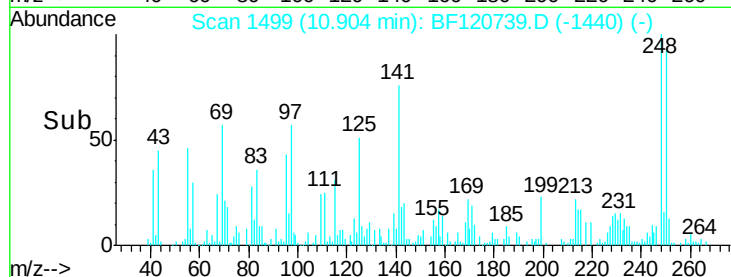
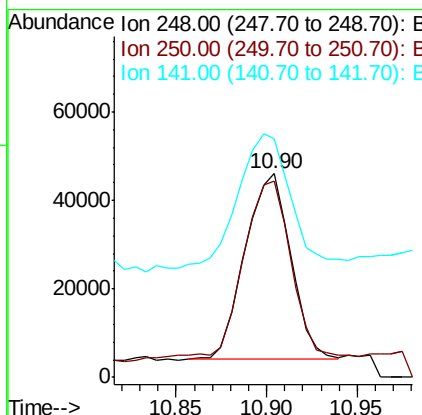
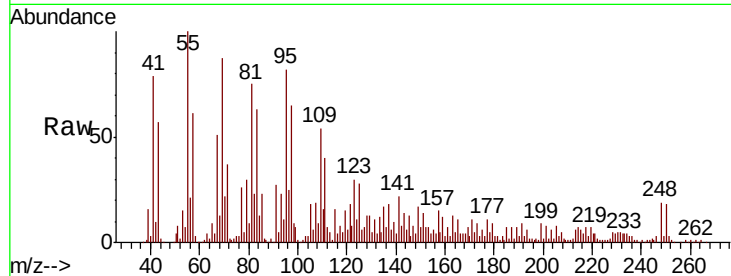
#67
4-Bromophenyl-phenylether
Concen: 54.593 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampled :
78-64MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.6
141	116.8	52.0	78.0#

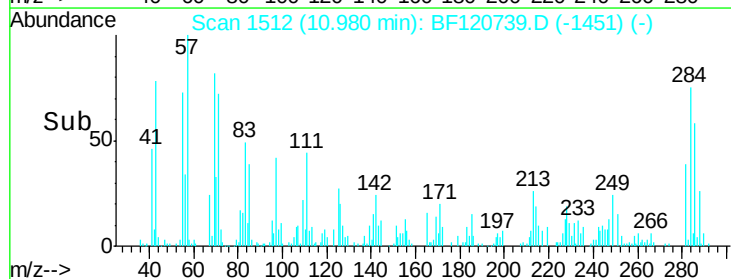
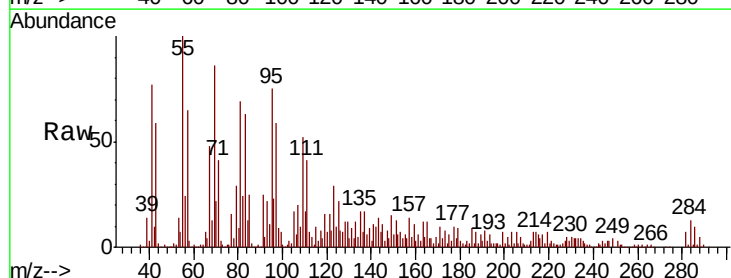
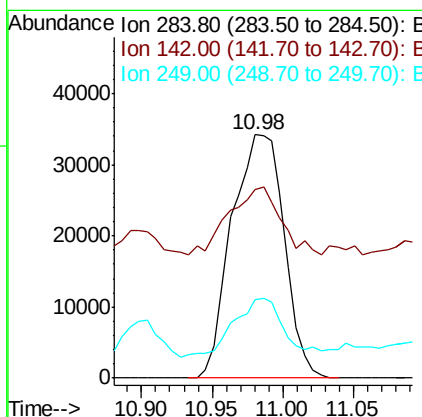
Manual Integrations
APPROVED

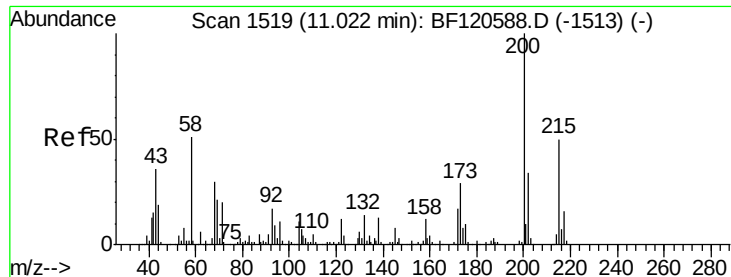
mohammad
6/30/2020 4:14:48 PM



#68
Hexachlorobenzene
Concen: 61.454 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	77.2	26.7	40.1#
249	32.1	24.0	36.0





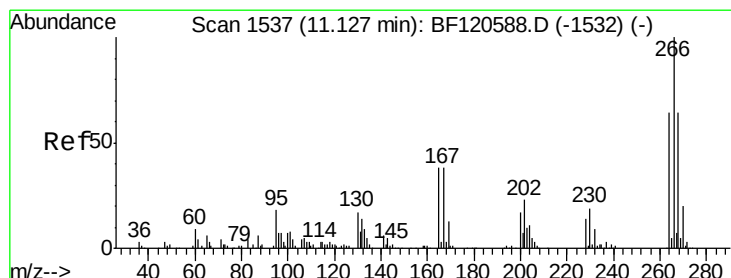
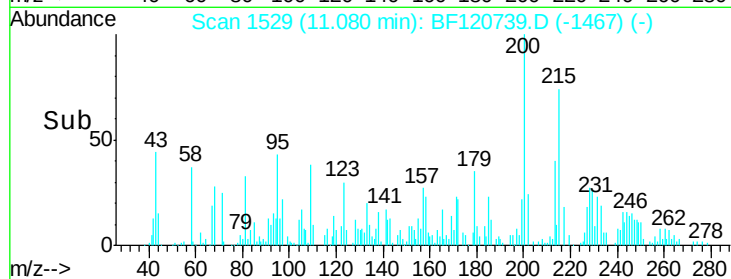
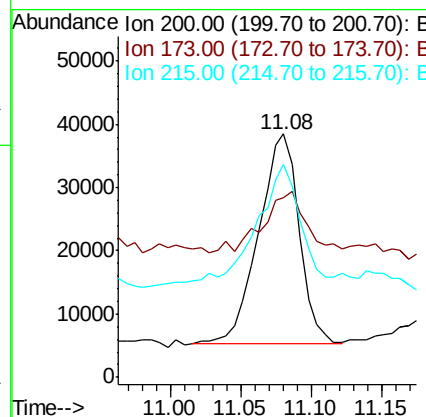
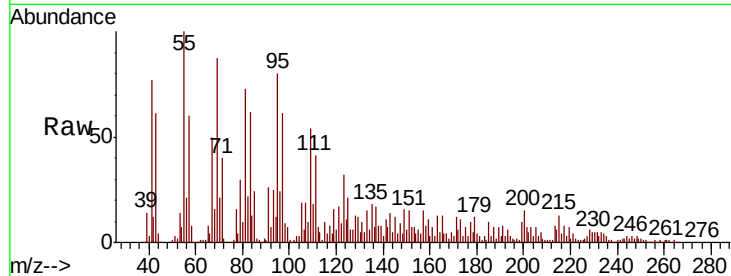
#69
 Atrazine
 Concen: 59.115 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampled :
 78-64MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	73.5	6.7	46.7#
215	87.2	28.6	68.6#

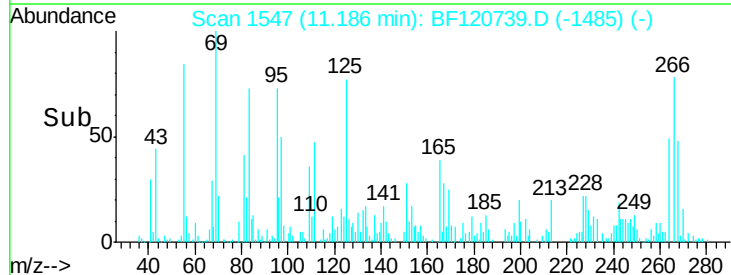
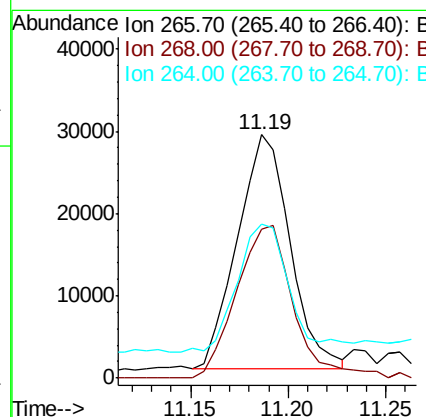
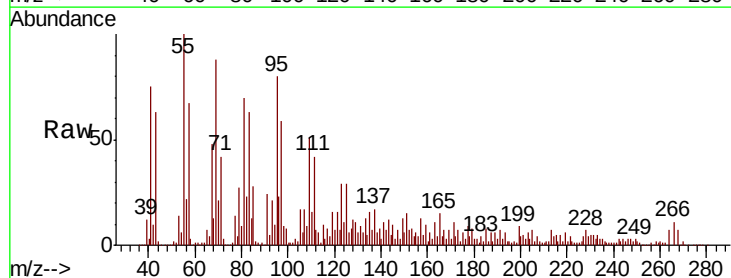
Manual Integrations
 APPROVED

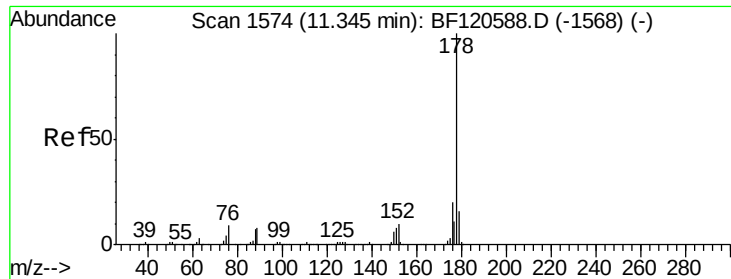
mohammad
 6/30/2020 4:14:48 PM



#70
 Pentachlorophenol
 Concen: 65.829 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.8	77.6
264	63.2	51.3	76.9





#71

Phenanthrene

Concen: 57.023 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

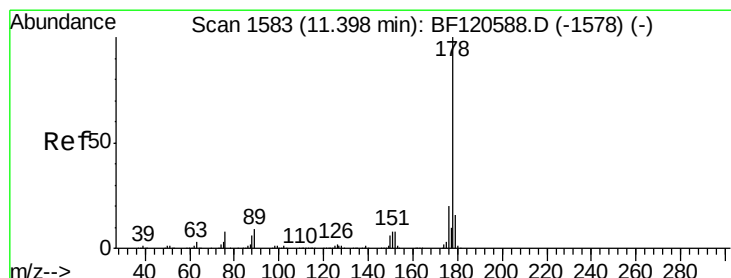
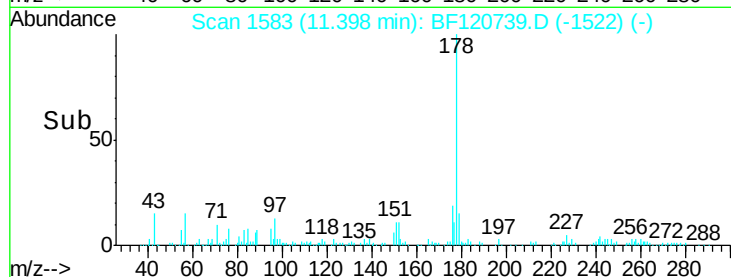
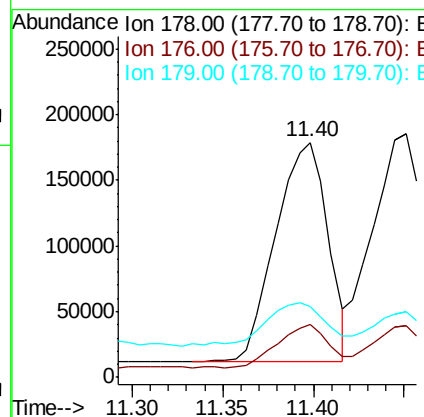
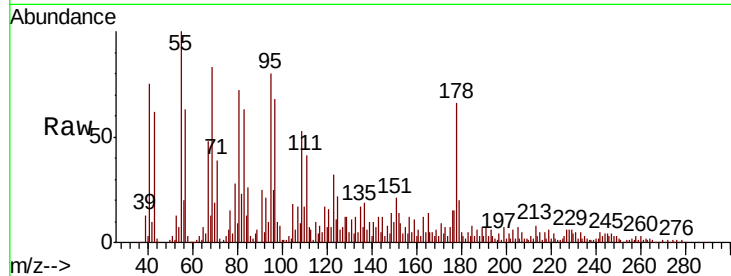
ClientSampleId :

78-64MS

Tot Ion:	178	Resp:	336070
Ion Ratio	Lower	Upper	
178	100		
176	22.4	15.8	23.6
179	30.4	12.3	18.5#

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#72

Anthracene

Concen: 55.711 ng

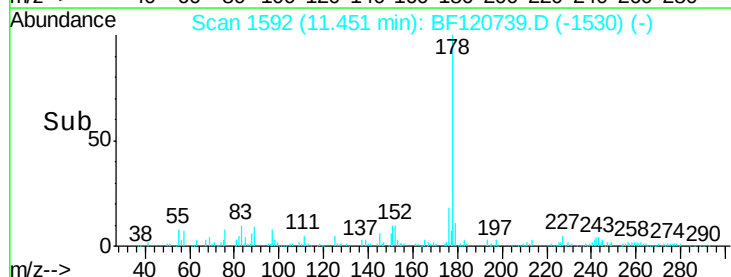
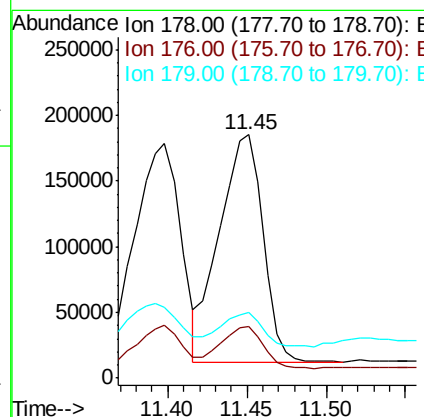
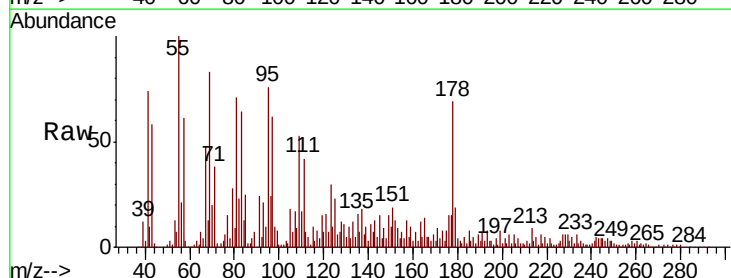
RT: 11.45 min Scan# 1592

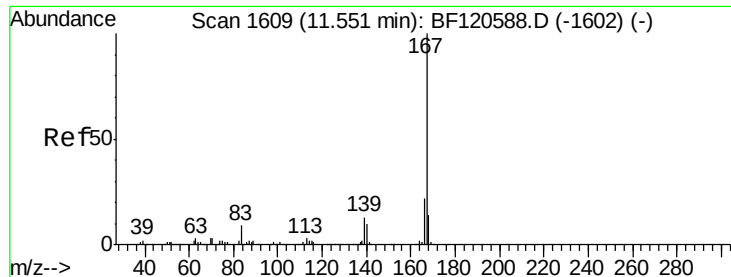
Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	178	Resp:	330961
Ion Ratio	Lower	Upper	
178	100		
176	21.2	15.4	23.2
179	27.0	12.9	19.3#





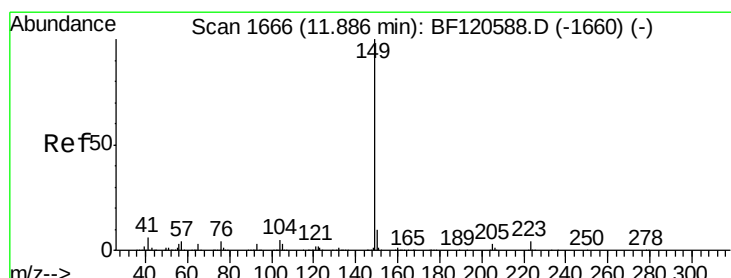
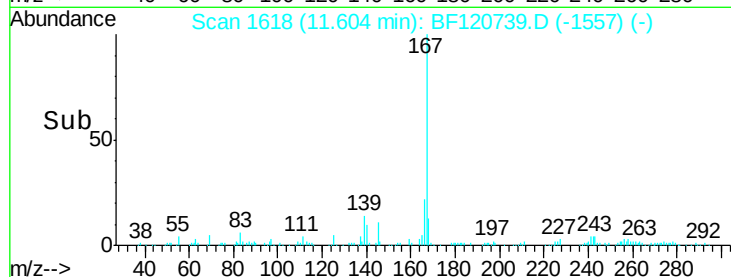
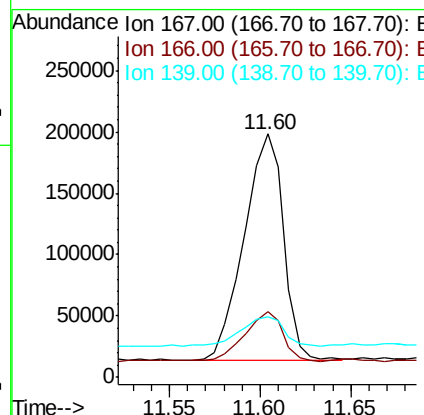
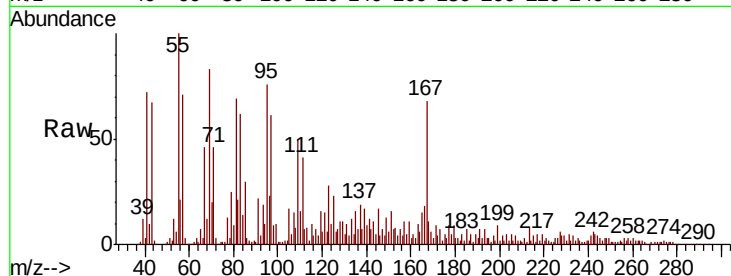
#73
 Carbazole
 Concen: 47.364 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampled :
 78-64MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	26.9	17.7	26.5#	
139	24.9	10.2	15.2#	

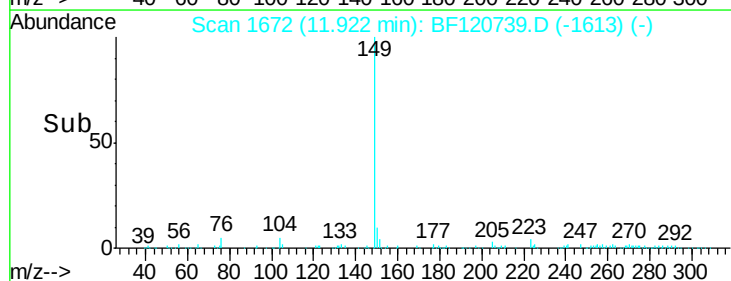
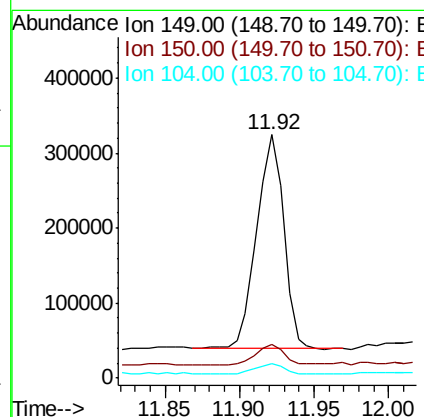
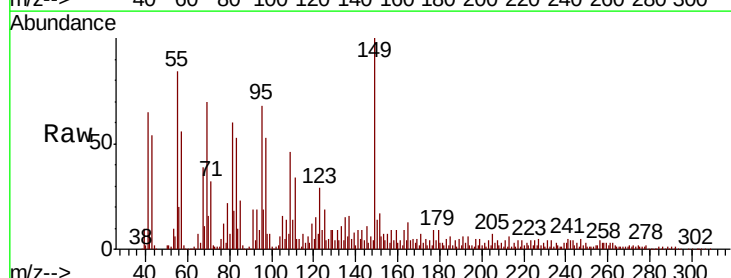
Manual Integrations
 APPROVED

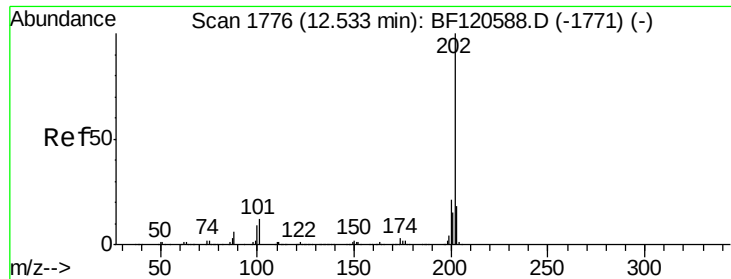
mohammad
 6/30/2020 4:14:48 PM



#74
 Di-n-butylphthalate
 Concen: 54.230 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	13.9	7.5	11.3#	
104	6.0	3.6	5.4#	





#75

Fluoranthene

Concen: 79.174 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

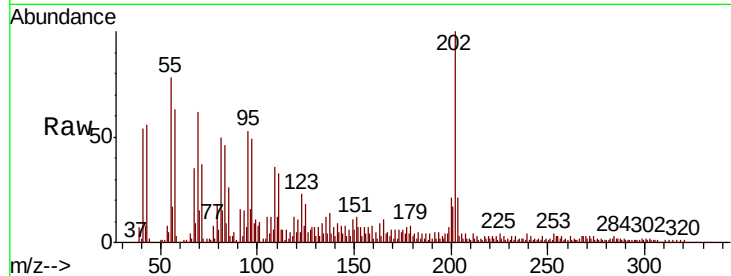
ClientSampled :

78-64MS

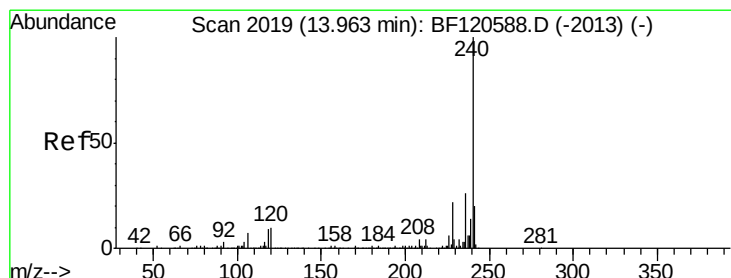
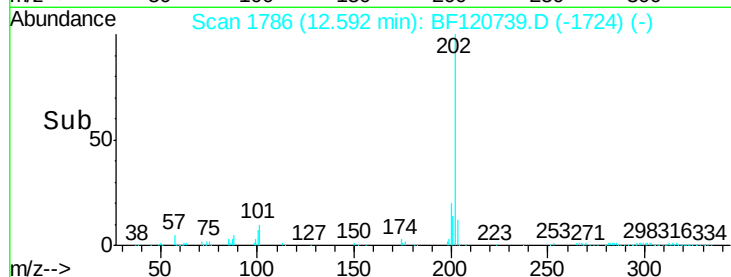
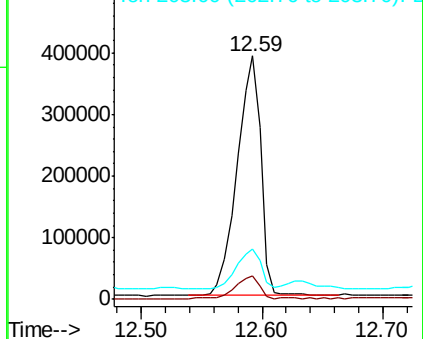
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	29.8
203	20.5	0.0	37.7

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

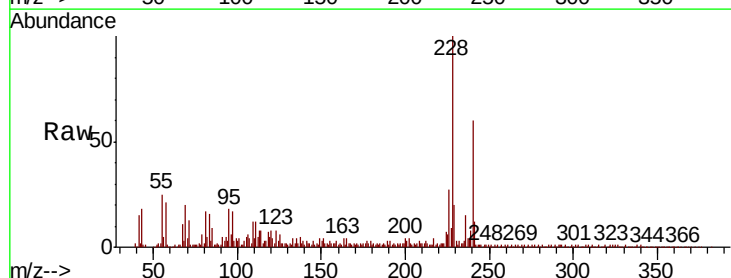
RT: 13.99 min Scan# 2023

Delta R.T. 0.03 min

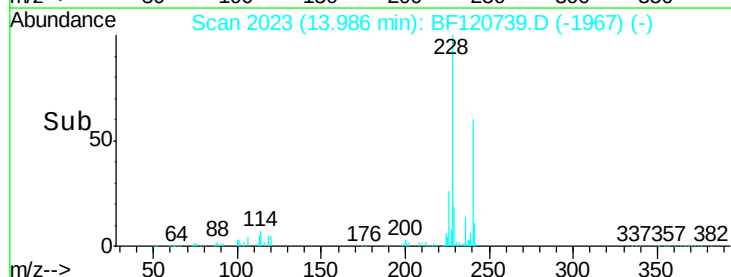
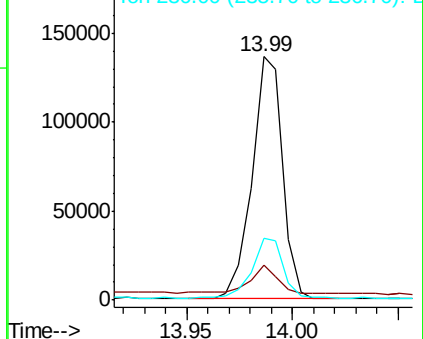
Lab File: BF120739.D

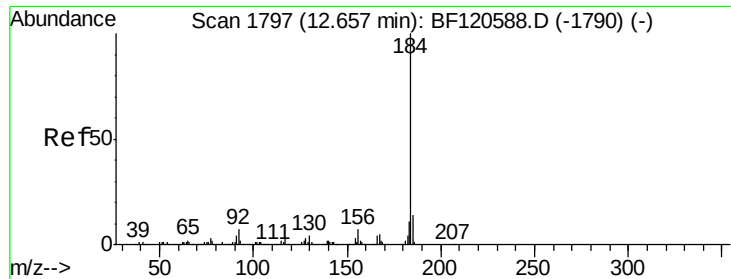
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	7.6	11.4#
236	25.5	21.0	31.4



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





#77

Benzidine

Concen: 28.866 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

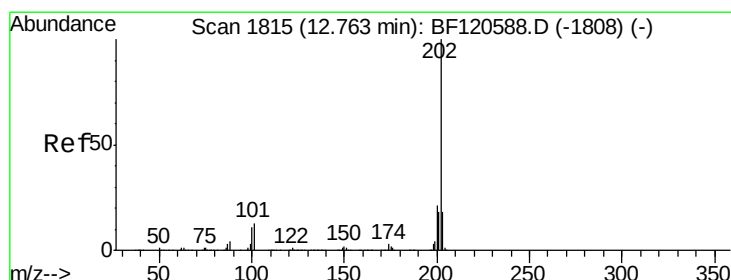
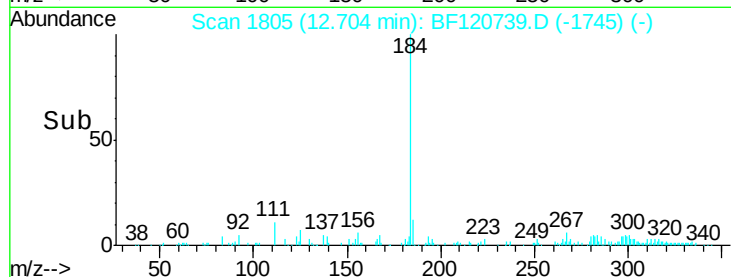
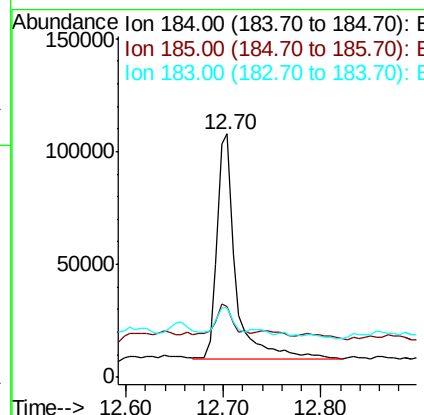
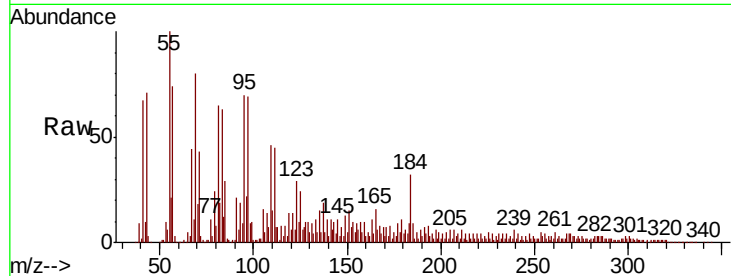
ClientSampled :

78-64MS

Tot Ion:	184	Resp:	133239
Ion Ratio	Lower	Upper	
184	100		
185	29.2	11.9	17.9#
183	28.3	8.6	12.8#

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#78

Pyrene

Concen: 60.352 ng

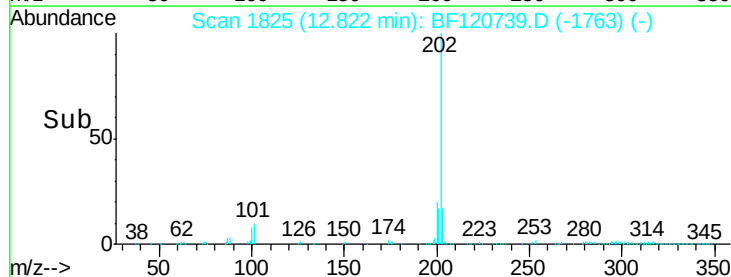
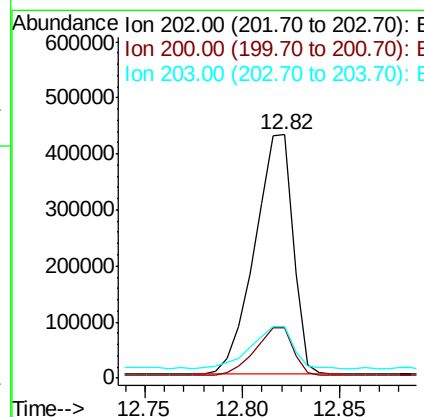
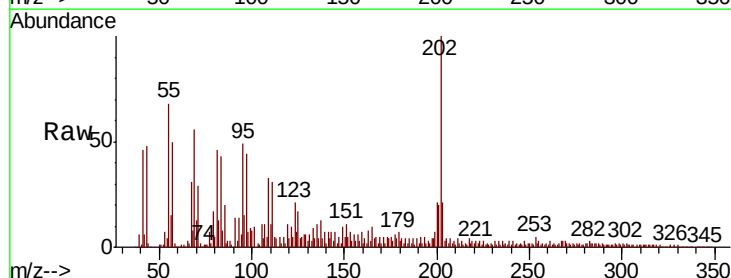
RT: 12.82 min Scan# 1825

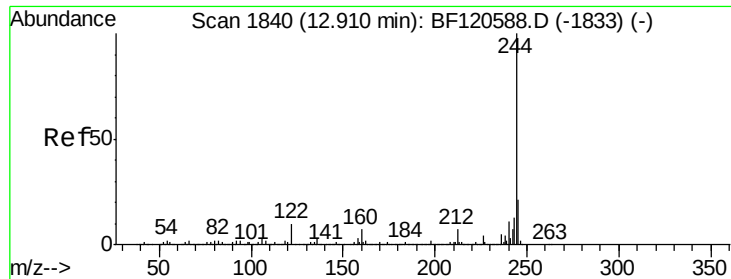
Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	202	Resp:	583518
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	21.0	14.2	21.2





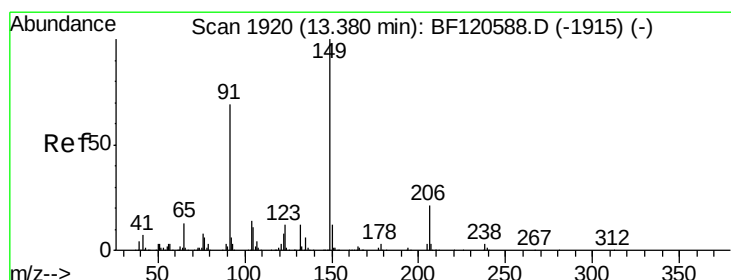
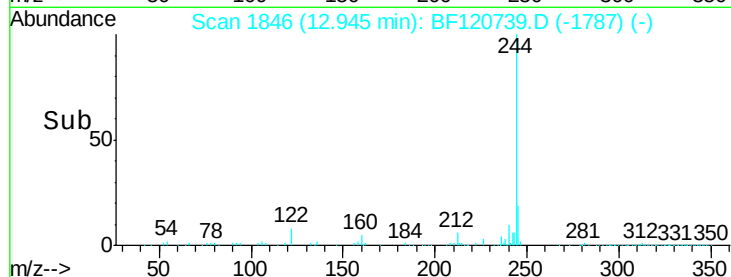
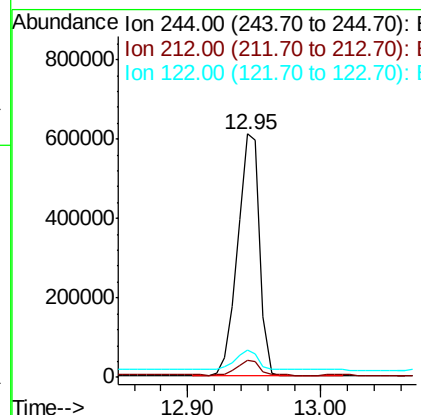
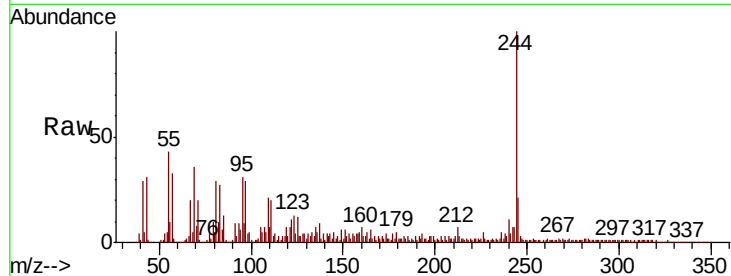
#79
 Terphenyl-d14
 Concen: 114.166 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.4	8.8	13.2

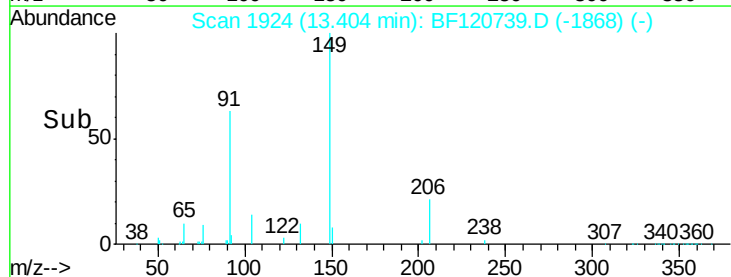
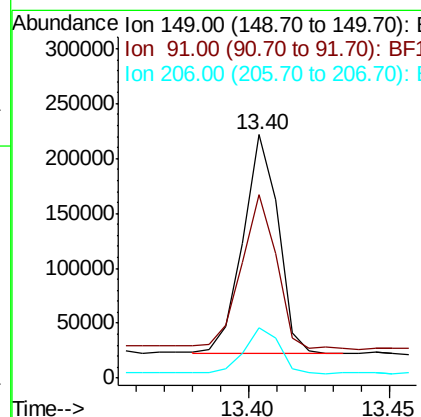
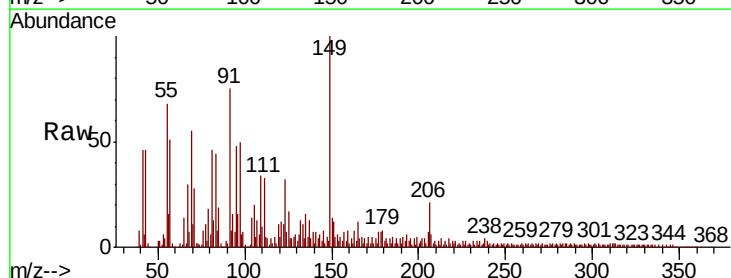
Manual Integrations
 APPROVED

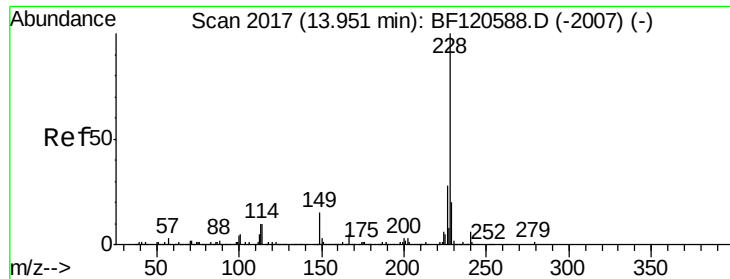
mohammad
 6/30/2020 4:14:48 PM



#80
 Butylbenzylphthalate
 Concen: 40.058 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	50.0	75.0#
206	20.5	17.6	26.4





#81

Benzo(a)anthracene

Concen: 58.878 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

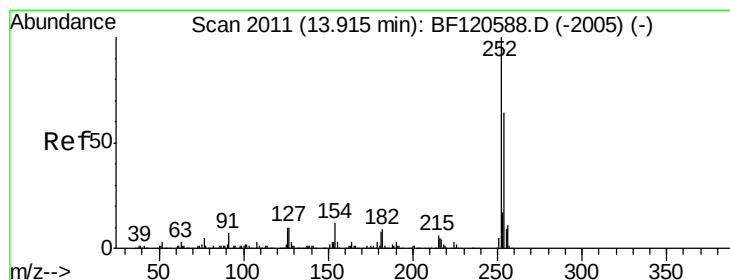
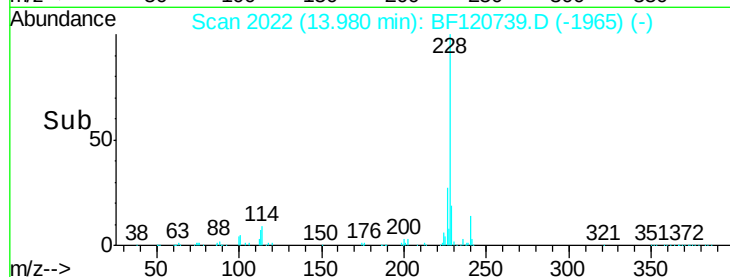
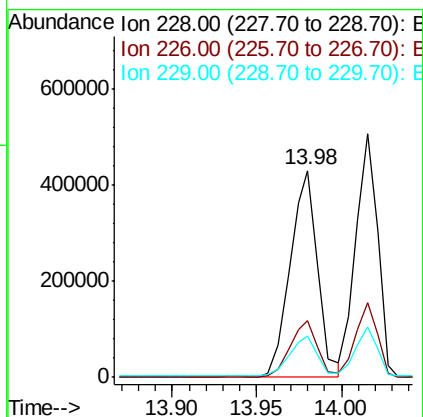
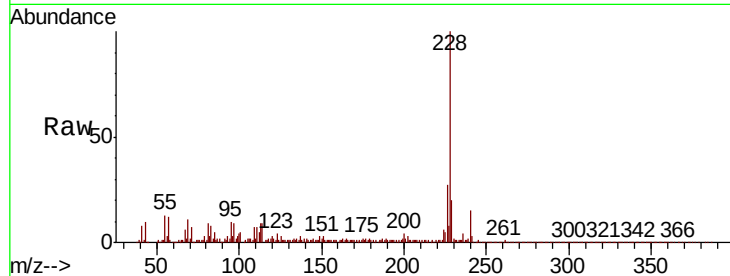
ClientSampleId :

78-64MS

Tot Ion:	228	Resp:	482785
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.7	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#82

3,3'-Dichlorobenzidine

Concen: 25.143 ng

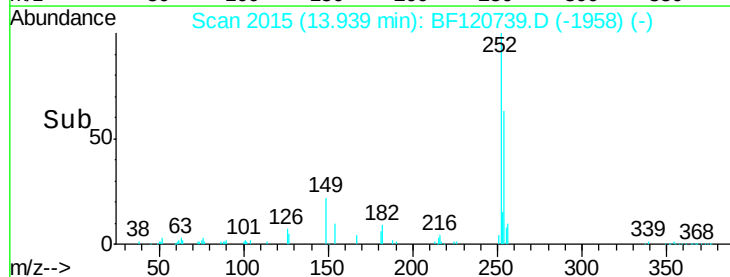
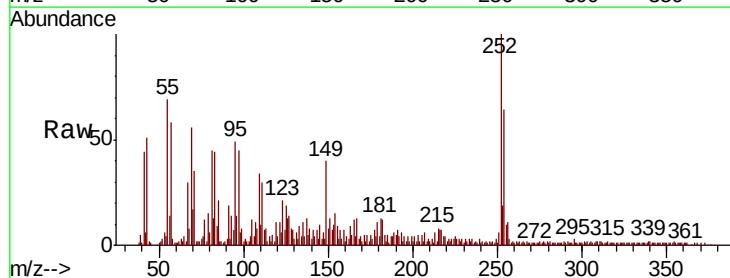
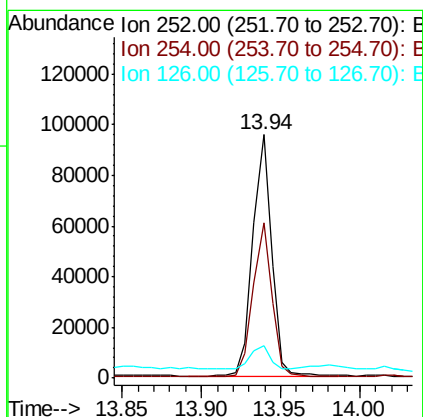
RT: 13.94 min Scan# 2015

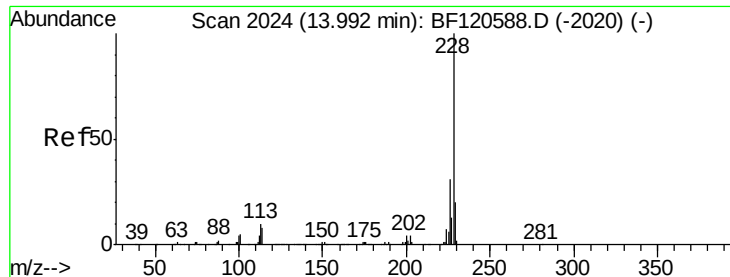
Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	252	Resp:	78749
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.8	76.2
126	13.1	9.6	14.4





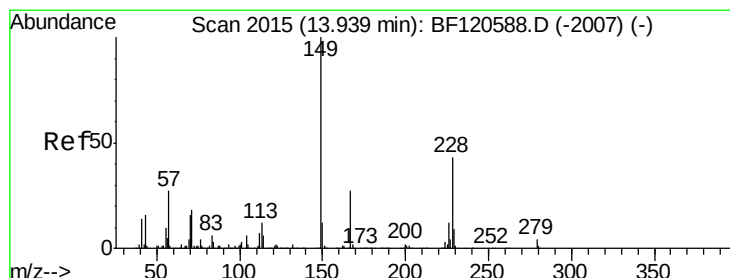
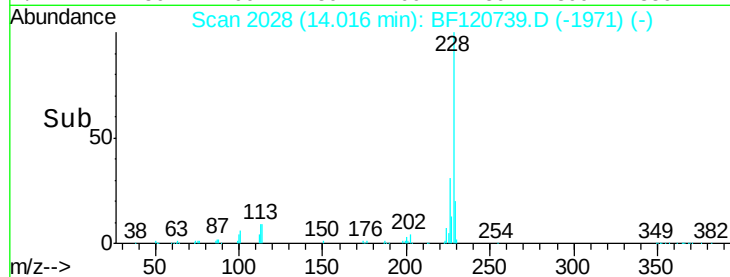
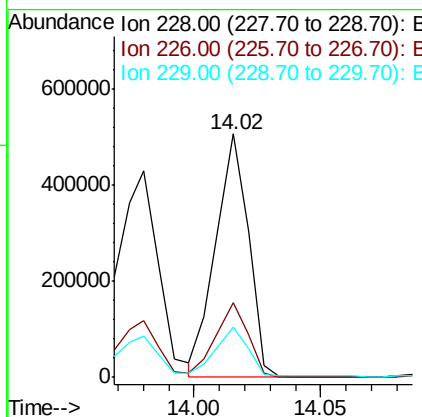
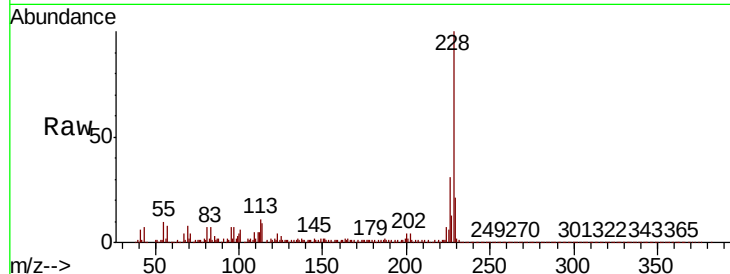
#83
 Chrysene
 Concen: 53.753 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion:	228	Resp:	452111
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	20.8	16.1	24.1

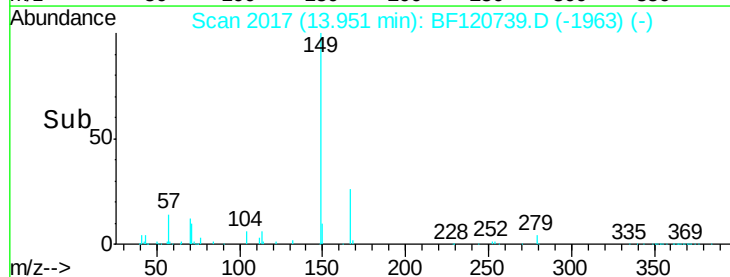
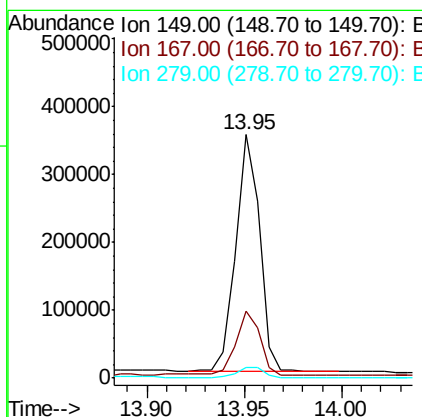
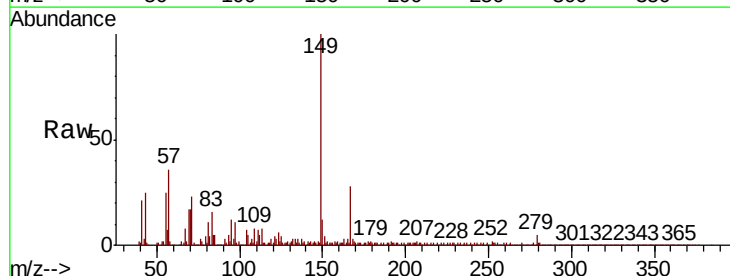
Manual Integrations
 APPROVED

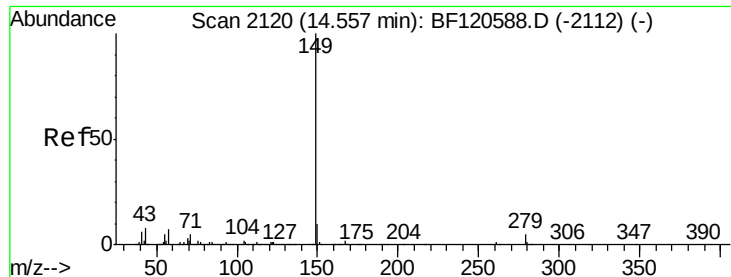
mohammad
 6/30/2020 4:14:48 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.733 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.02 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:	149	Resp:	297258
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.9	32.9
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 52.134 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

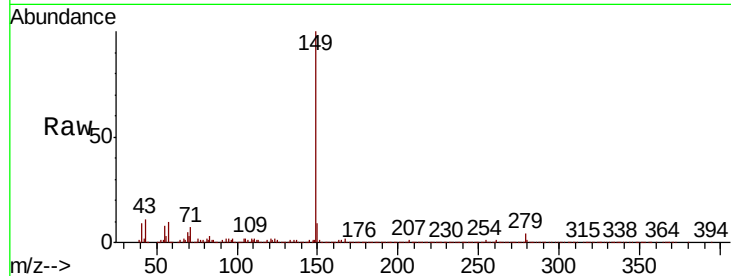
ClientSampleId :

78-64MS

Tot Ion:	149	Resp:	521319
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.1	7.3	10.9

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

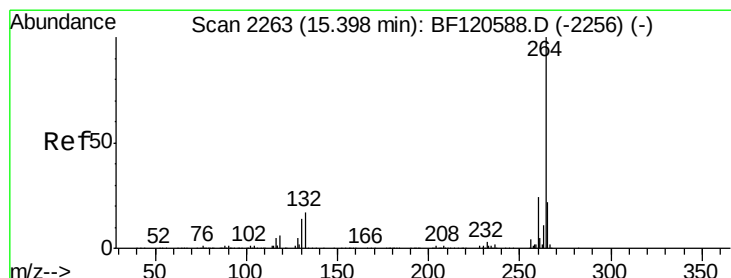
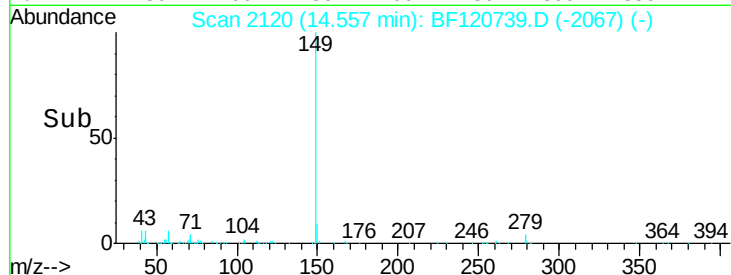
600000 14.56

400000

200000

0

Time--> 14.50 14.55 14.60



#86

Perylene-d12

Concen: 20.000 ng

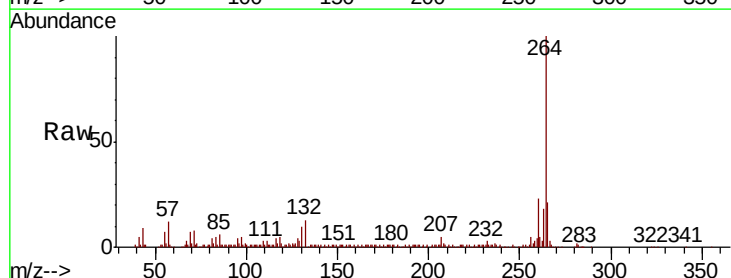
RT: 15.42 min Scan# 2267

Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:	264	Resp:	159015
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	20.5	17.4	26.0



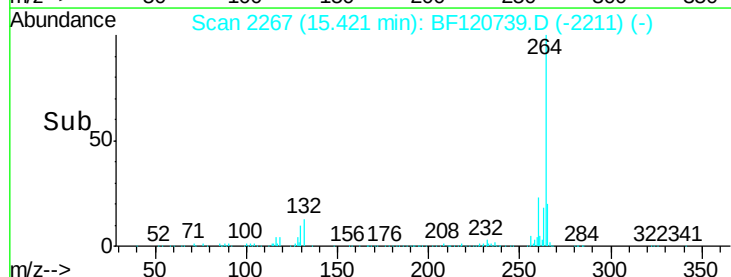
Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

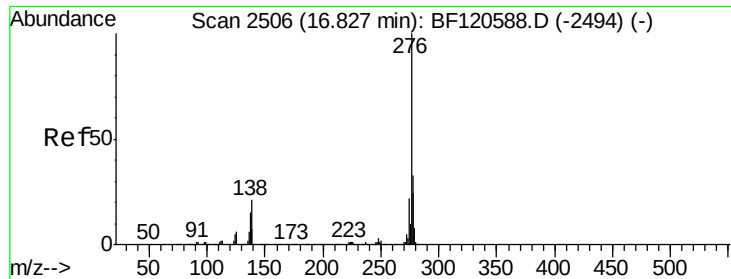
100000 15.42

50000

0

Time--> 15.40 15.50





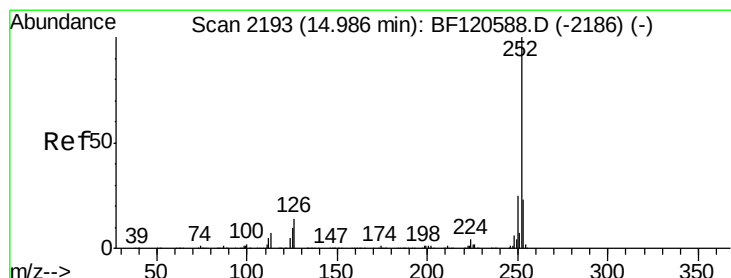
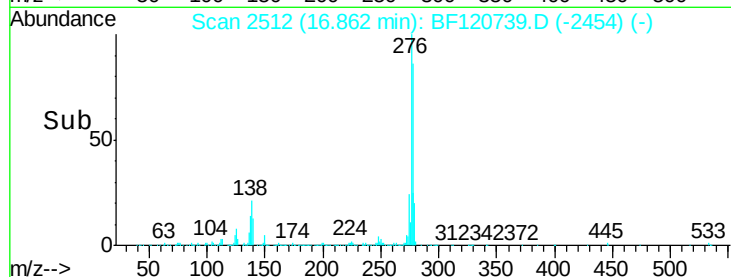
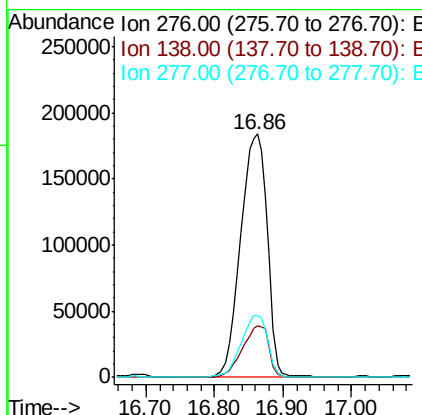
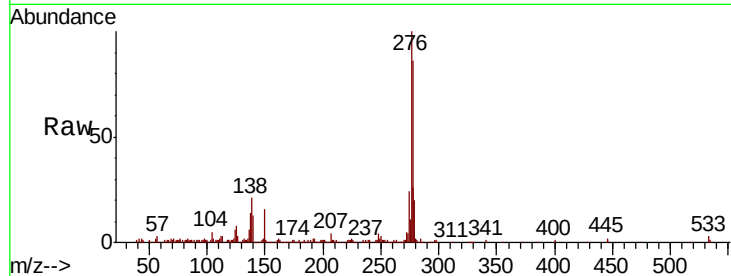
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.744 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampled :
 78-64MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.4	27.6
277	24.8	19.8	29.8

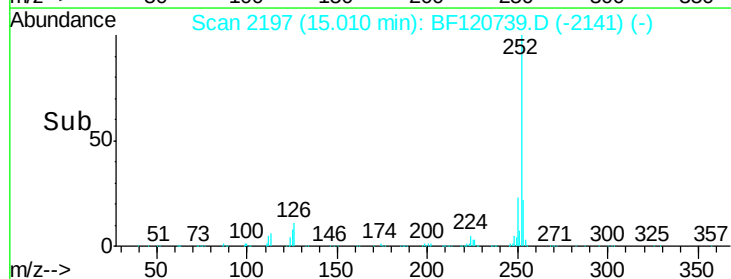
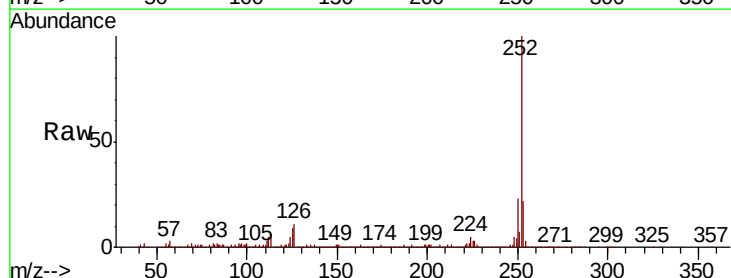
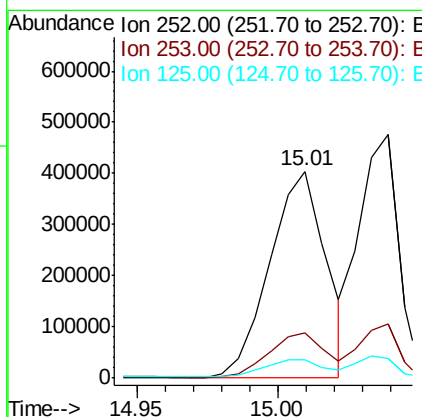
Manual Integrations
 APPROVED

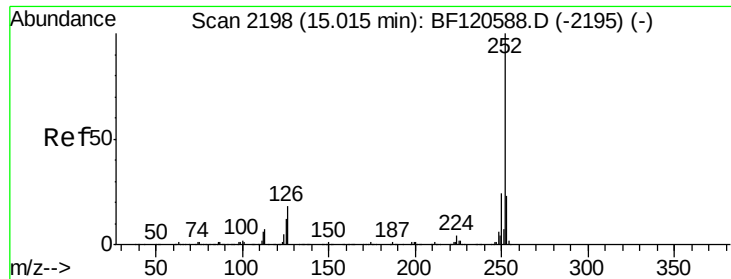
mohammad
 6/30/2020 4:14:48 PM



#88
 Benzo(b)fluoranthene
 Concen: 58.906 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.0	7.9	11.9





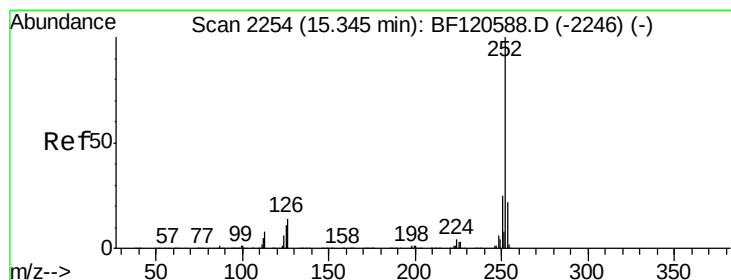
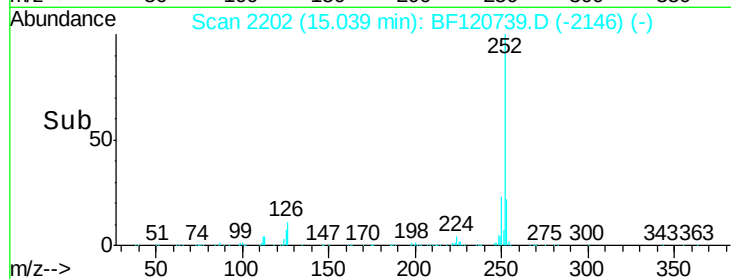
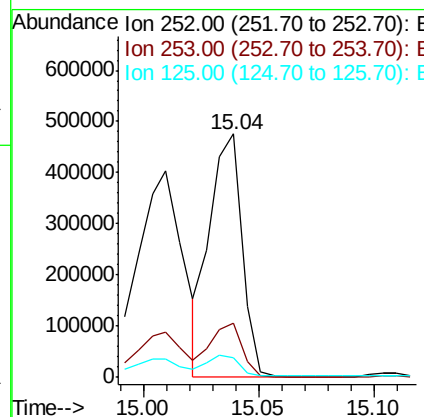
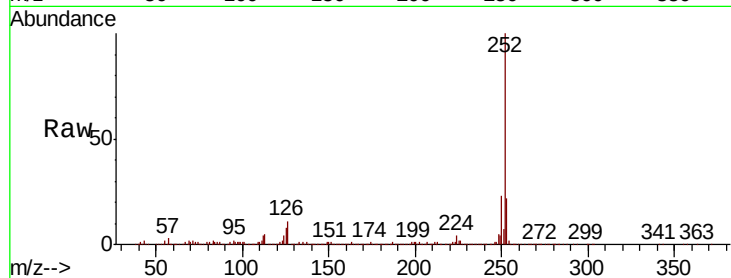
#89
Benzo(k)fluoranthene
Concen: 54.903 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	8.0	7.4	11.2

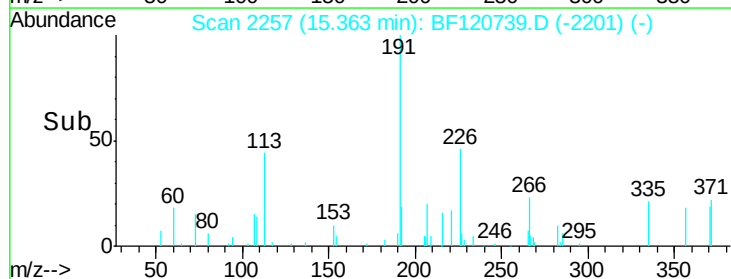
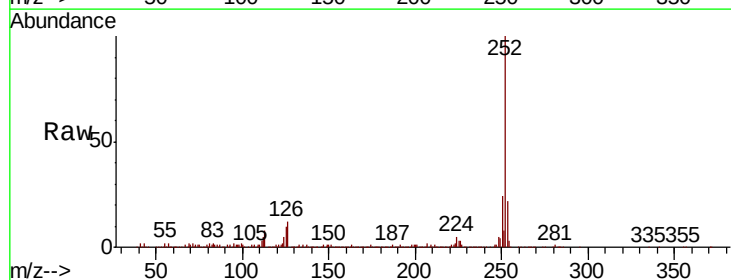
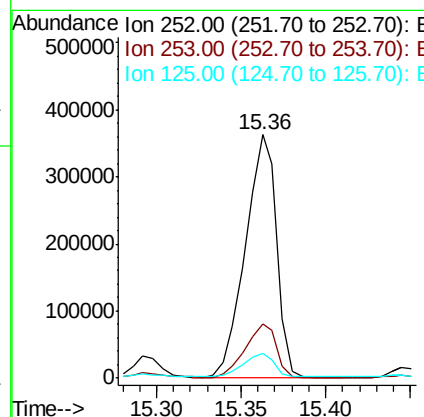
Manual Integrations
APPROVED

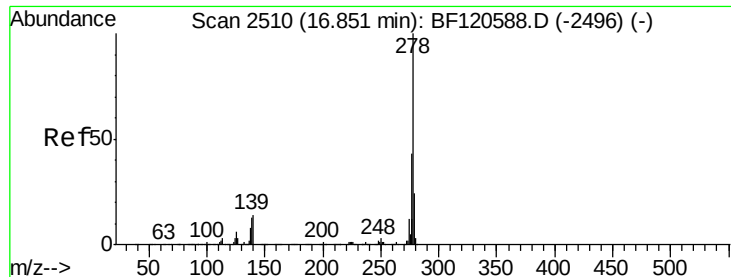
mohammad
6/30/2020 4:14:48 PM



#90
Benzo(a)pyrene
Concen: 55.192 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.4	9.0	13.6





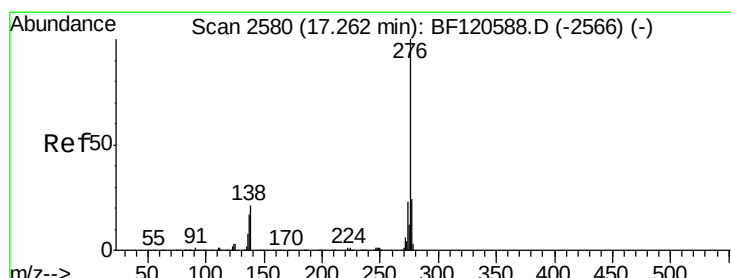
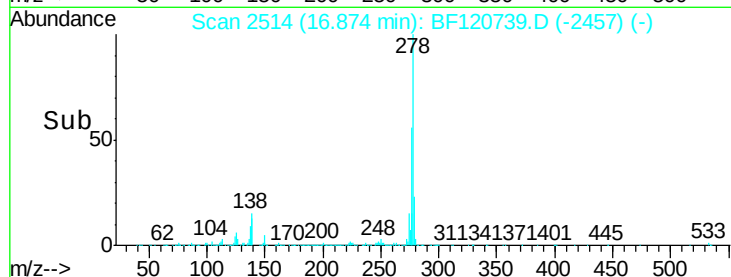
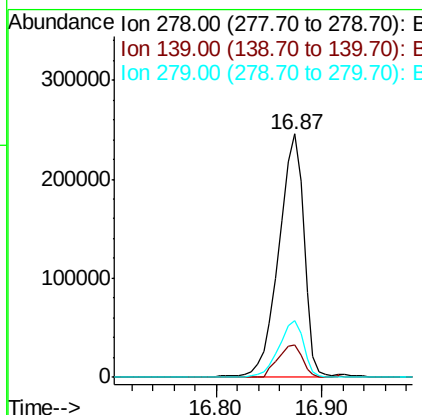
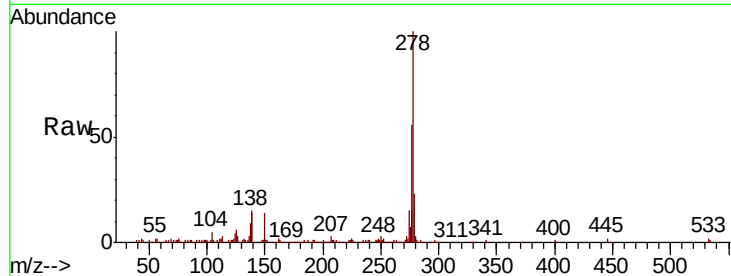
#91
Dibenzo(a,h)anthracene
Concen: 51.952 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.9	17.9
279	23.4	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:48 PM



#92
Benzo(g,h,i)perylene
Concen: 49.510 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	17.2	16.6	24.8

