

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119667.D
 Acq On : 1 Apr 2020 11:53
 Operator : MA/SJ
 Sample : PB127920BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:22 PM

Quant Time: Apr 01 13:00:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	279675	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1074530	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	554191	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1077058	20.00	ng	0.00
76) Chrysene-d12	13.99	240	825950	20.00	ng	0.00
87) Perylene-d12	15.45	264	886242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1617000	92.04	ng	0.02
7) Phenol-d6	6.45	99	2055909	91.61	ng	0.00
23) Nitrobenzene-d5	7.38	82	1261515	63.81	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	600069	104.95	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2384955	63.75	ng	0.00
79) Terphenyl-d14	12.94	244	2813313	66.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	222586	25.653	ng	95
3) Pyridine	3.35	79	602534	25.206	ng	90
4) n-Nitrosodimethylamine	3.30	42	320872	27.525	ng	93
6) Aniline	6.47	93	744601	24.039	ng	97
8) 2-Chlorophenol	6.60	128	653848	35.435	ng	98
9) Benzaldehyde	6.36	77	347816	24.431	ng	98
10) Phenol	6.46	94	818261	34.170	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	632807	33.041	ng	97
12) 1,3-Dichlorobenzene	6.76	146	662455	33.171	ng	100
13) 1,4-Dichlorobenzene	6.83	146	666185	33.350	ng	99
14) 1,2-Dichlorobenzene	6.99	146	621833	33.304	ng	99
15) Benzyl Alcohol	6.96	79	529209	31.348	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1126099	29.150	ng	98
17) 2-Methylphenol	7.07	107	520330	30.777	ng	98
18) Hexachloroethane	7.33	117	250821	34.263	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	435015	32.158	ng	95
20) 3+4-Methylphenols	7.22	107	640492	30.913	ng	# 83
22) Acetophenone	7.23	105	829926	32.324	ng	97
24) Nitrobenzene	7.40	77	656070	31.050	ng	98
25) Isophorone	7.64	82	1231343	30.702	ng	99
26) 2-Nitrophenol	7.72	139	340733	40.956	ng	89
27) 2,4-Dimethylphenol	7.75	122	550939	32.027	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	793556	33.460	ng	99
29) 2,4-Dichlorophenol	7.96	162	530546	33.565	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	569649	32.588	ng	97
31) Naphthalene	8.12	128	1833554	33.159	ng	100
32) Benzoic acid	7.87	122	430994	38.949	ng	93
33) 4-Chloroaniline	8.17	127	432748	17.079	ng	96
34) Hexachlorobutadiene	8.24	225	320922	32.813	ng	99
35) Caprolactam	8.53	113	173027m	33.448	ng	
36) 4-Chloro-3-methylphenol	8.65	107	569517	32.966	ng	97
37) 2-Methylnaphthalene	8.82	142	1235048	34.032	ng	98
38) 1-Methylnaphthalene	8.92	142	1169528	34.048	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	525514	32.352	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119667.D
 Acq On : 1 Apr 2020 11:53
 Operator : MA/SJ
 Sample : PB127920BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB127920BS

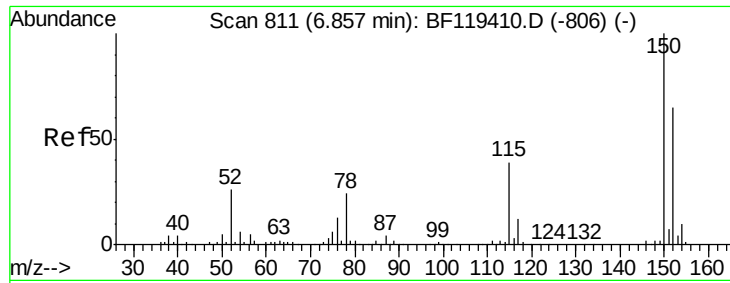
Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:22 PM

Quant Time: Apr 01 13:00:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	678758	73.500	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	394818	33.965	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	411585	31.607	nq	94
46) 1,1'-Biphenyl	9.28	154	1469035	32.547	nq	99
47) 2-Chloronaphthalene	9.30	162	1151213	32.561	nq	99
48) 2-Nitroaniline	9.40	65	397376	32.563	nq	95
49) Acenaphthylene	9.72	152	1813788	32.668	nq	99
50) Dimethylphthalate	9.59	163	1345384	34.178	nq	99
51) 2,6-Dinitrotoluene	9.65	165	302667	35.872	nq	96
52) Acenaphthene	9.89	154	1112620	32.145	nq	97
53) 3-Nitroaniline	9.81	138	208386	19.563	nq	91
54) 2,4-Dinitrophenol	9.92	184	349963	94.414	nq	97
55) Dibenzofuran	10.07	168	1650831	33.266	nq	99
56) 4-Nitrophenol	9.97	139	548482	65.270	nq	94
57) 2,4-Dinitrotoluene	10.05	165	405205	38.123	nq	99
58) Fluorene	10.41	166	1252863	34.140	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	352657	36.230	nq	98
60) Diethylphthalate	10.29	149	1376796	34.461	nq	100
61) 4-Chlorophenyl-phenylether	10.40	204	601858	33.538	nq	97
62) 4-Nitroaniline	10.43	138	329217	32.229	nq	97
63) Azobenzene	10.56	77	1318984	32.784	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	233733	51.752	nq	99
66) n-Nitrosodiphenylamine	10.52	169	1161367	32.846	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	398929	32.522	nq	96
68) Hexachlorobenzene	10.96	284	430478	34.289	nq	100
69) Atrazine	11.05	200	360189	37.158	nq	99
70) Pentachlorophenol	11.15	266	491307	66.742	nq	97
71) Phenanthrene	11.37	178	1835868	32.872	nq	99
72) Anthracene	11.43	178	1916778	33.769	nq	99
73) Carbazole	11.58	167	1778636	31.658	nq	98
74) Di-n-butylphthalate	11.92	149	2185452	36.364	nq	99
75) Fluoranthene	12.56	202	2033643	33.647	nq	99
77) Benzidine	12.69	184	1257756	35.983	nq	99
78) Pyrene	12.79	202	2080587	30.694	nq	99
80) Butylbenzylphthalate	13.42	149	953021	34.762	nq	100
81) Benzo(a)anthracene	13.99	228	1684740	31.367	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	414253	19.561	nq	98
83) Chrysene	14.02	228	1776443	32.048	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1267479	38.782	nq	99
85) Di-n-octyl phthalate	14.59	149	2330267	40.542	nq	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	1986727	38.056	nq	99
88) Benzo(b)fluoranthene	15.03	252	1996770	33.729	nq	97
89) Benzo(k)fluoranthene	15.06	252	1683958	29.873	nq	99
90) Benzo(a)pyrene	15.39	252	1711356	31.809	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	1628541	34.607	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1608782	34.030	nq	96

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



#1

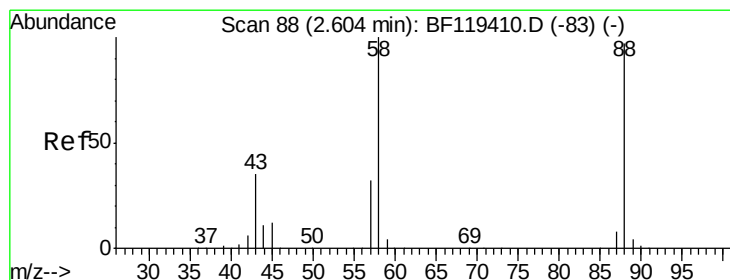
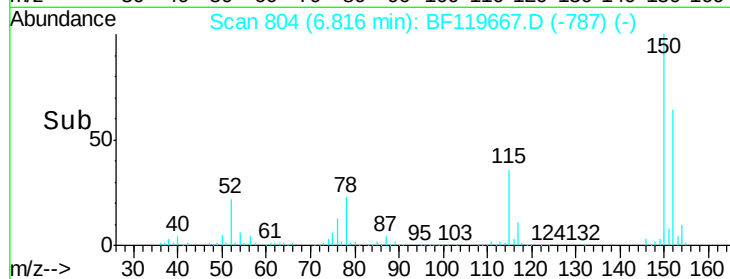
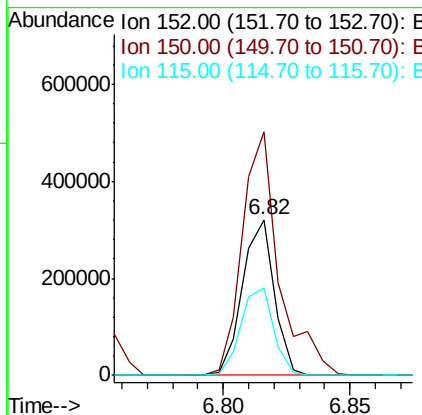
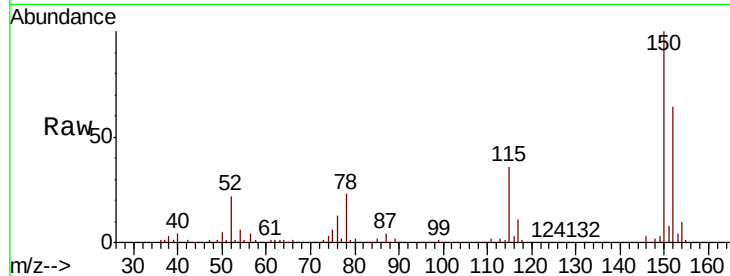
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.5	186.7
115	56.6	49.6	74.4

Manual Integrations
APPROVED

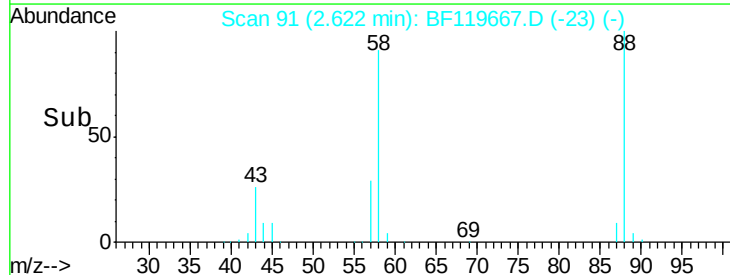
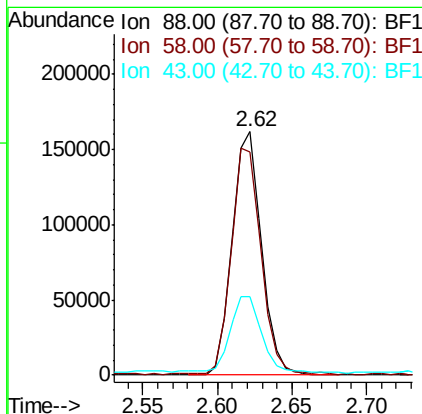
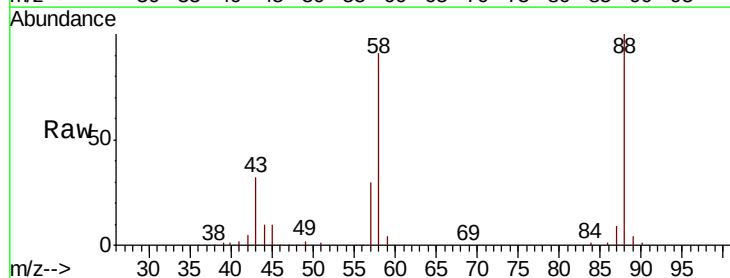
mohammad
4/3/2020 11:14:22 PM

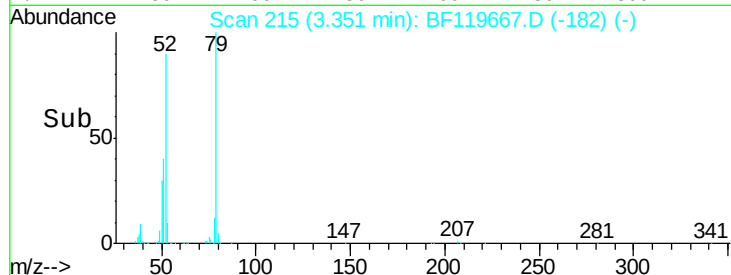
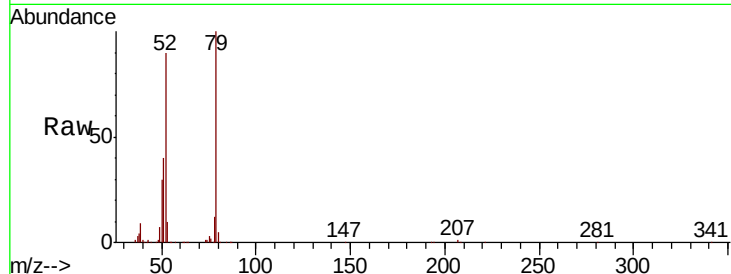
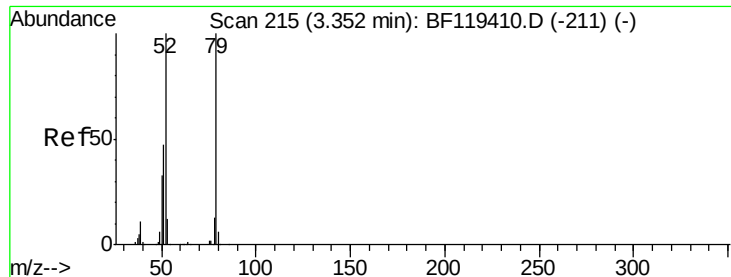


#2

1,4-Dioxane
Concen: 25.653 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.10 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	80.6	121.0
43	34.0	27.5	41.3





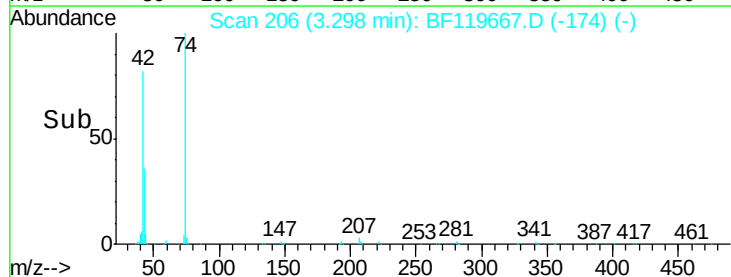
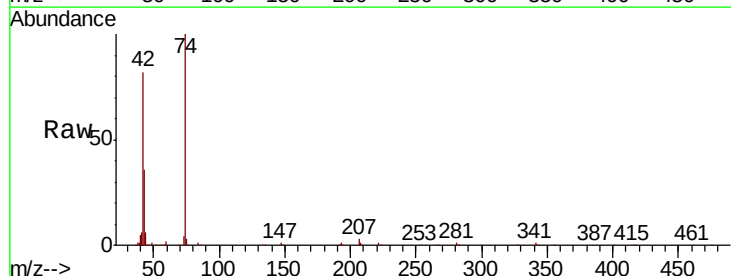
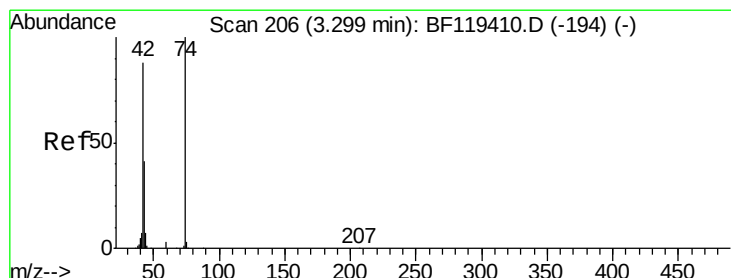
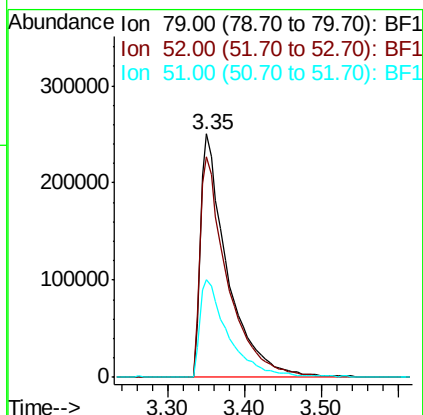
#3
 Pvridine
 Concen: 25.206 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	602534		
52	52	90.5		80.2	120.2
51	51	40.1		37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

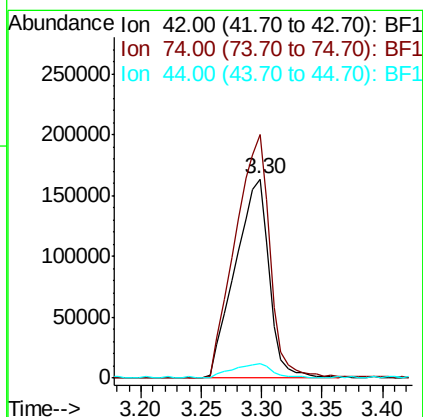
Manual Integrations
 APPROVED

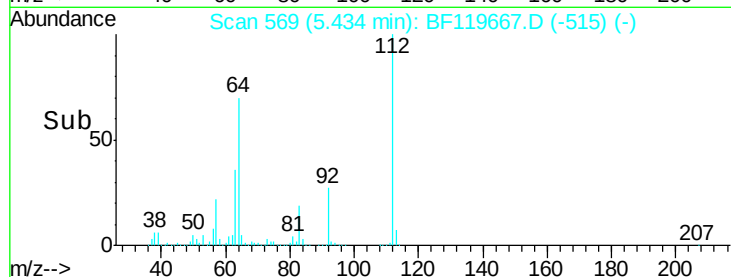
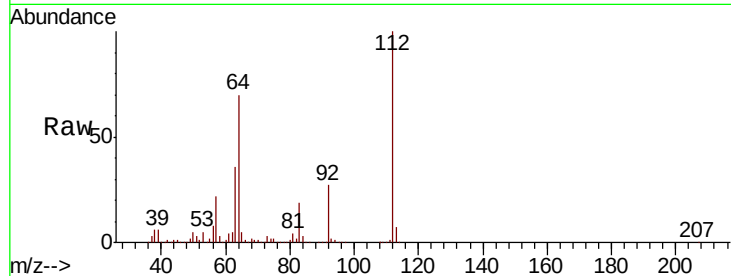
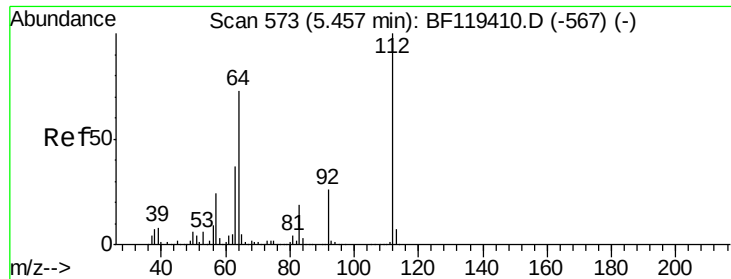
mohammad
 4/3/2020 11:14:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 27.525 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.09 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	320872		
74	74	122.3		91.5	137.3
44	44	7.3		6.2	9.4





#5

2-Fluorophenol

Concen: 92.039 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tot Ion:	112	Resp:	1617000
Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.7	85.1
63	35.9	29.5	44.3

Instrument :

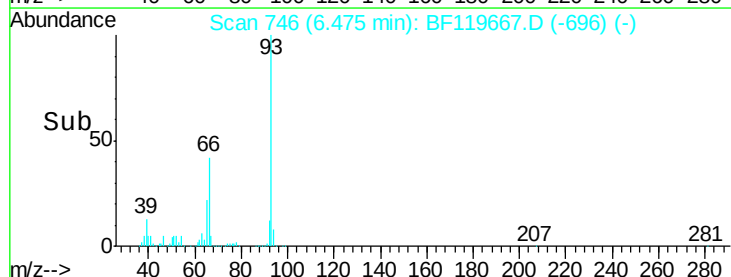
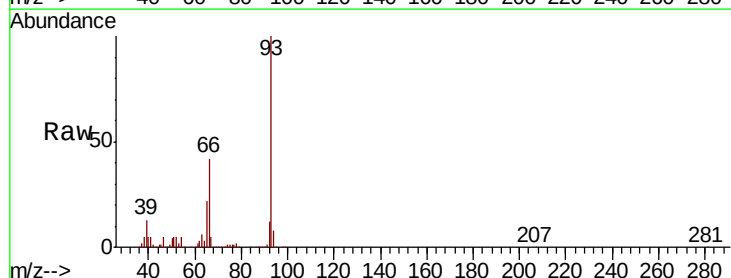
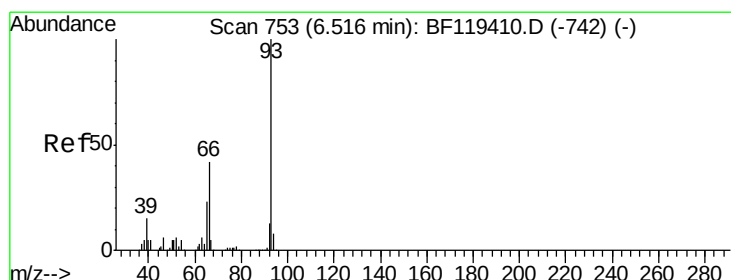
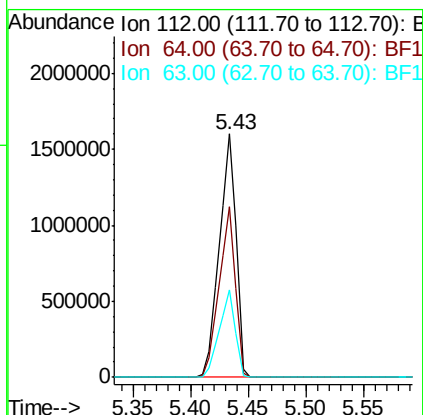
BNA_F

ClientSampleId :

PB127920BS

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:22 PM



#6

Aniline

Concen: 24.039 ng

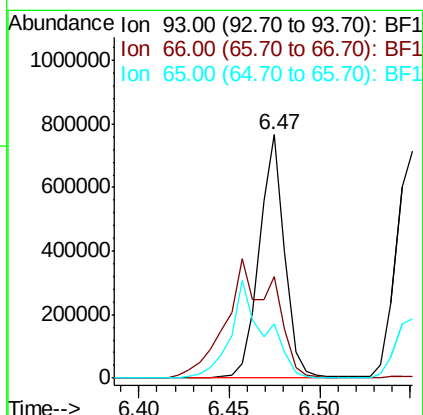
RT: 6.47 min Scan# 746

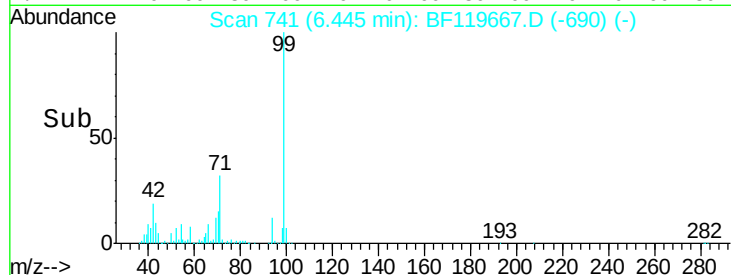
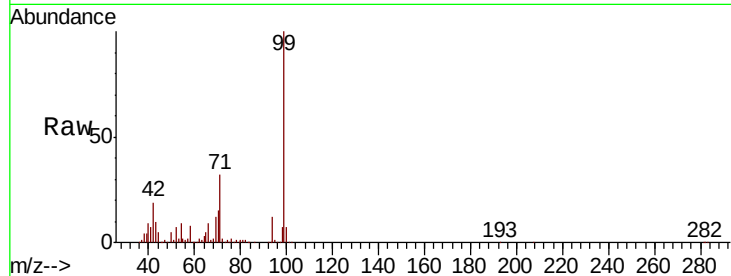
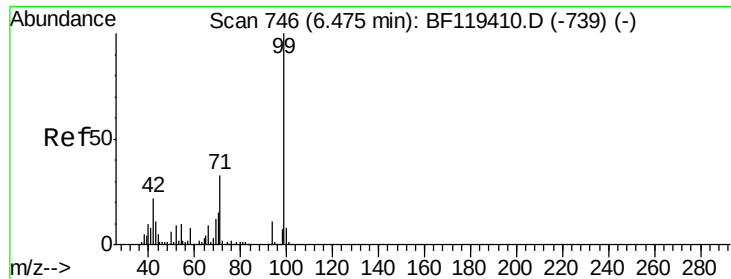
Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:	93	Resp:	744601
Ion	Ratio	Lower	Upper
93	100		
66	41.9	34.9	52.3
65	22.1	18.6	27.8





#7

Phenol-d6

Concen: 91.607 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tot Ion: 99 Resp: 2055909

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.5 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

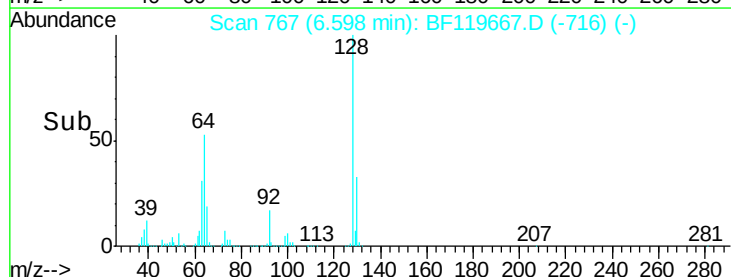
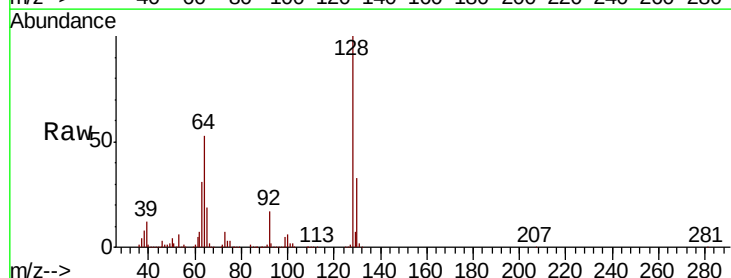
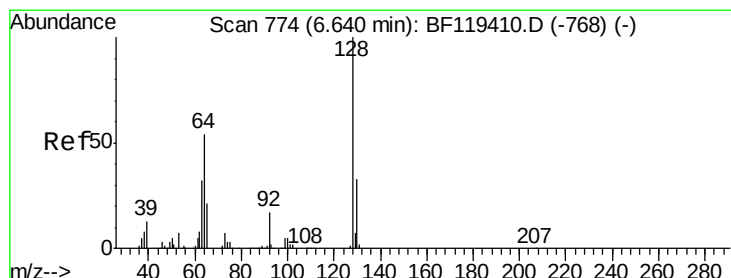
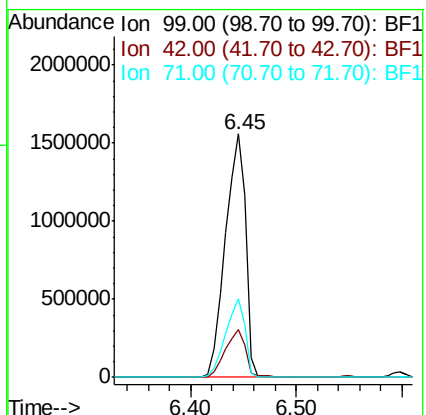
PB127920BS

Manual Integrations

APPROVED

mohammad

4/3/2020 11:14:22 PM



#8

2-Chlorophenol

Concen: 35.435 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

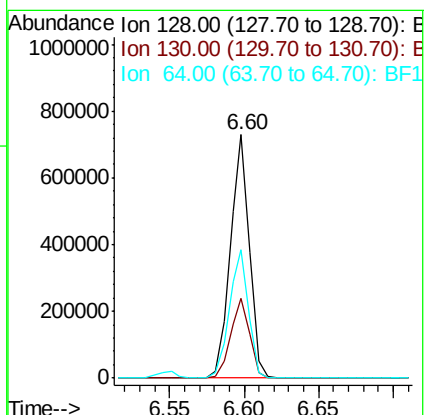
Tgt Ion: 128 Resp: 653848

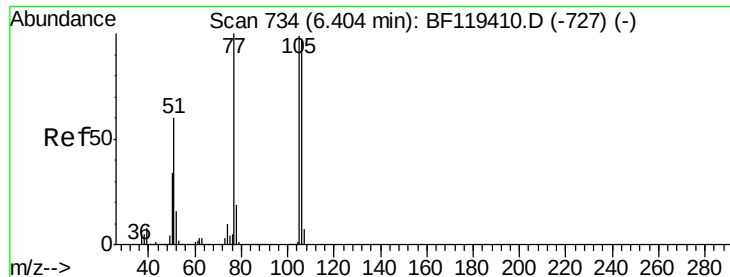
Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 52.9 35.3 75.3





#9

Benzaldehyde

Concen: 24.431 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

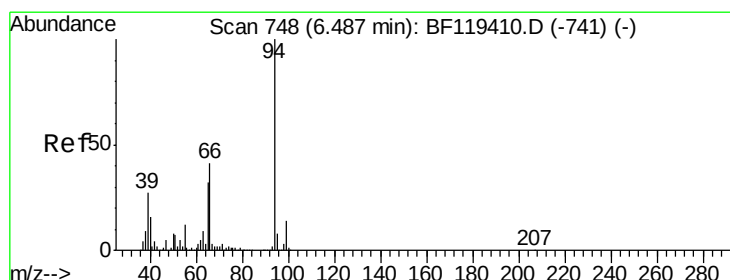
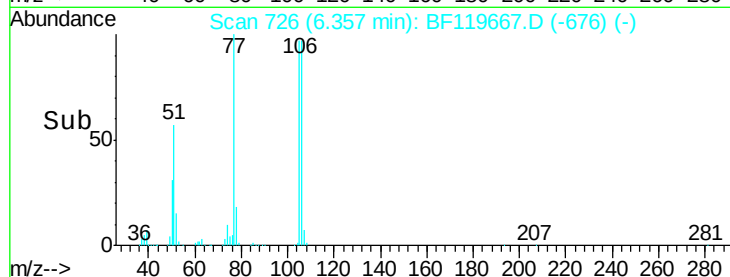
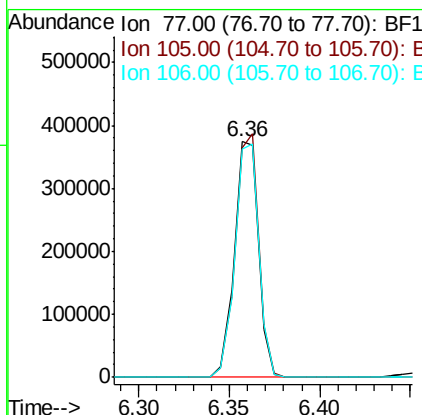
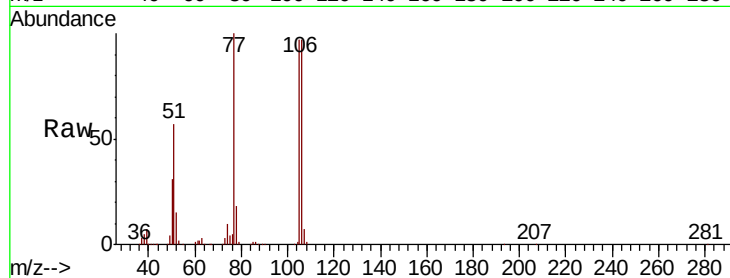
ClientSampleId :

PB127920BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.5	80.9	120.9		
106	96.7	77.9	117.9		

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:22 PM



#10

Phenol

Concen: 34.170 ng

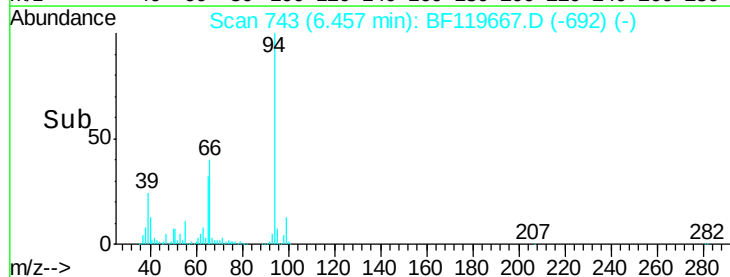
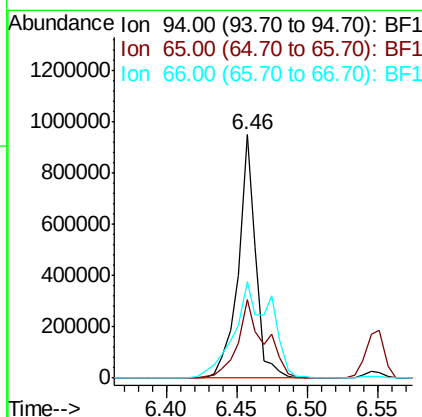
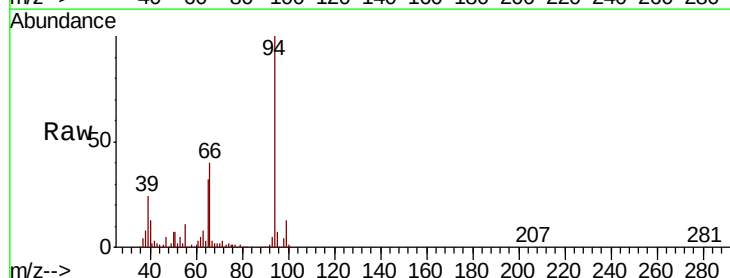
RT: 6.46 min Scan# 743

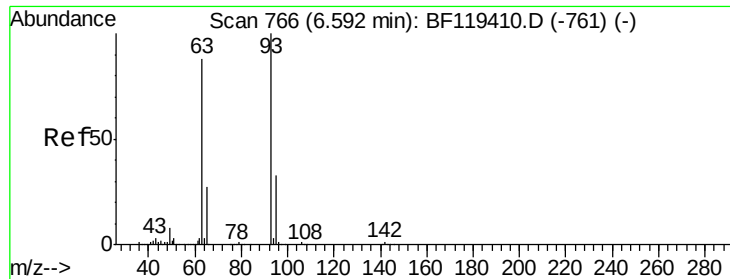
Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.2	13.2	53.2		
66	39.7	22.3	62.3		





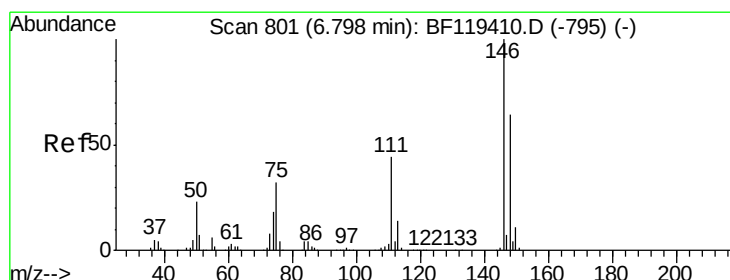
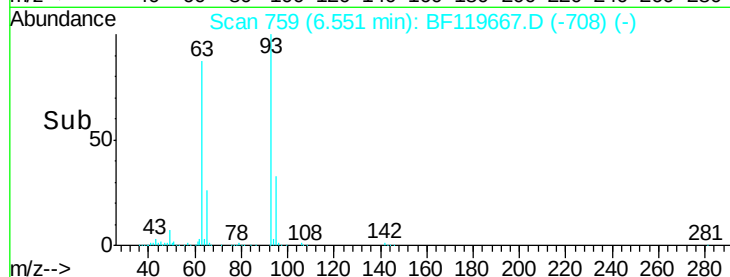
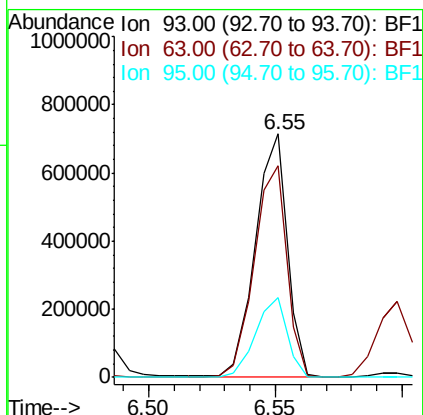
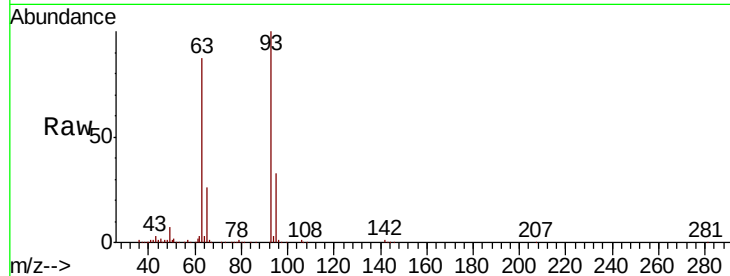
#11
bis(2-Chloroethyl)ether
Concen: 33.041 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:	93	Resp:	632807
Ion Ratio	Lower	Upper	
93	100		
63	86.9	70.2	110.2
95	32.7	13.4	53.4

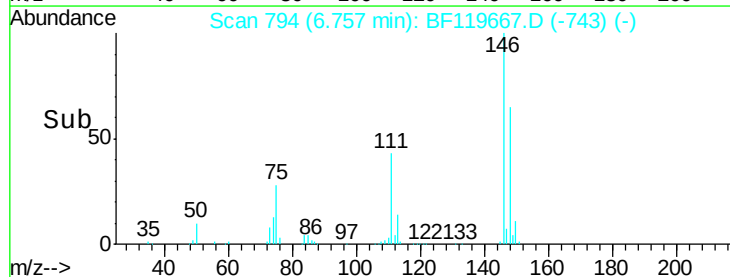
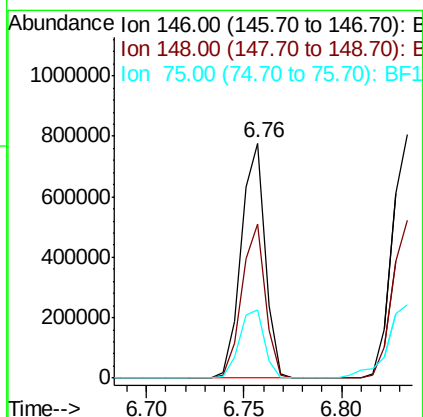
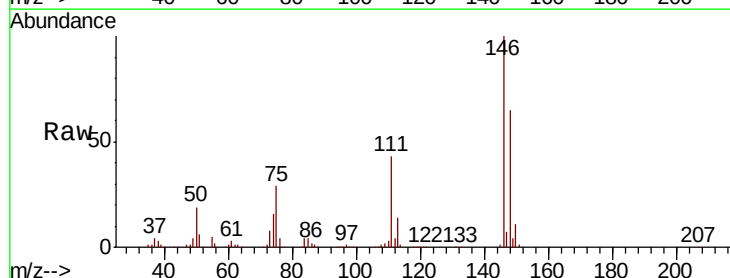
Manual Integrations
APPROVED

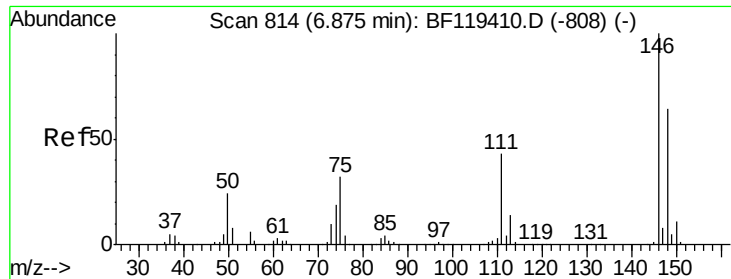
mohammad
4/3/2020 11:14:22 PM



#12
1,3-Dichlorobenzene
Concen: 33.171 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:	146	Resp:	662455
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.2	78.4
75	29.2	23.0	34.4





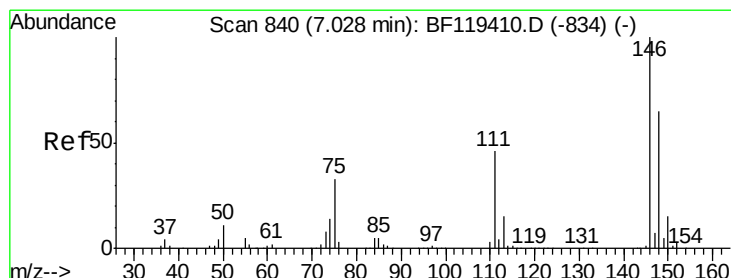
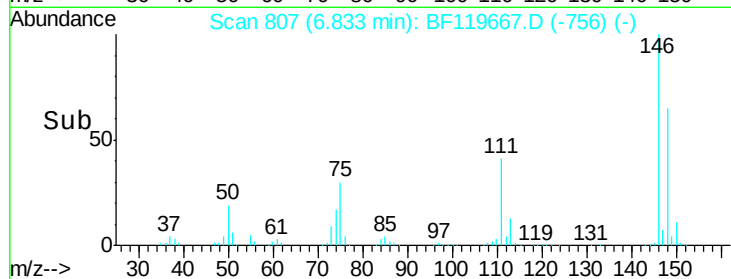
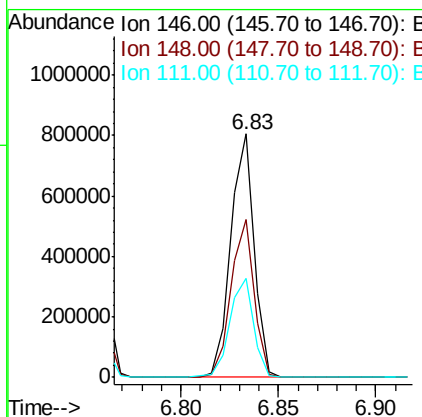
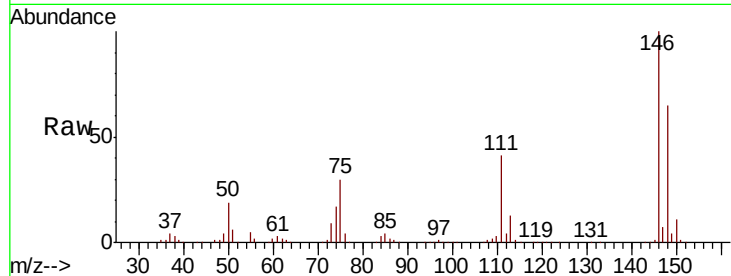
#13
 1,4-Dichlorobenzene
 Concen: 33.350 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	40.7	33.3	49.9

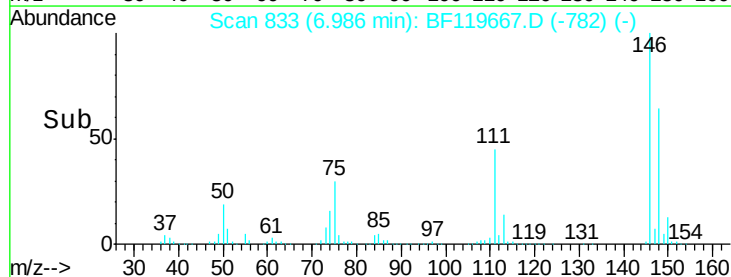
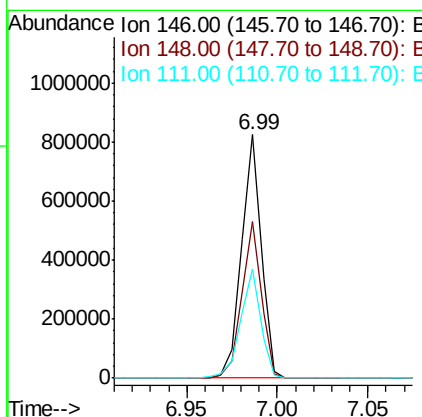
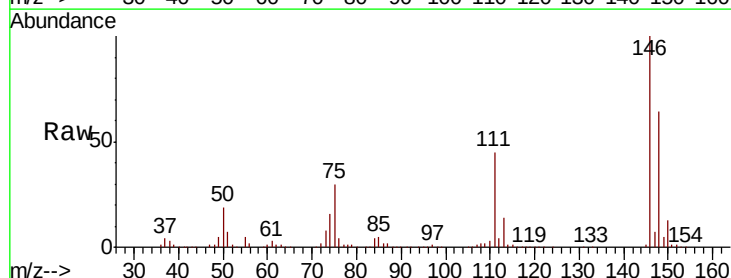
Manual Integrations
 APPROVED

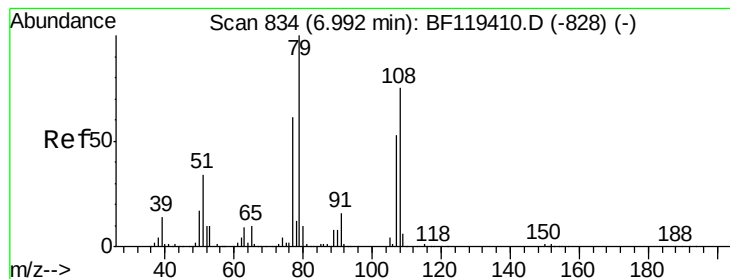
mohammad
 4/3/2020 11:14:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.304 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	45.1	36.1	54.1





#15

Benzyl Alcohol

Concen: 31.348 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

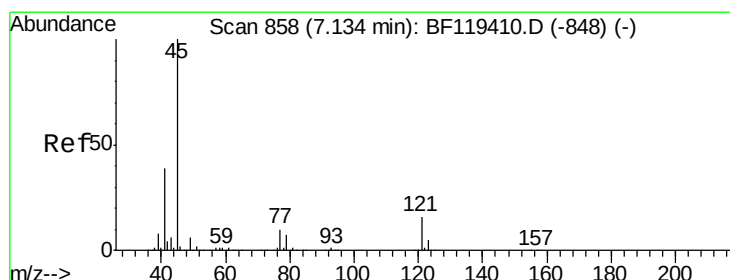
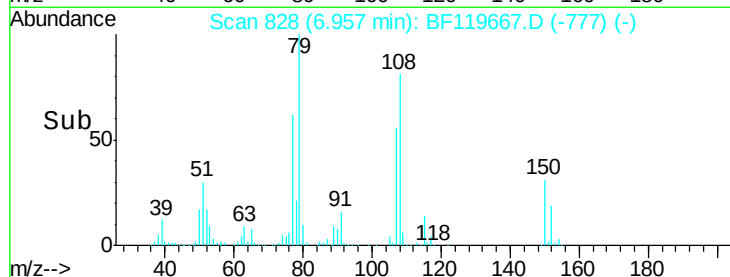
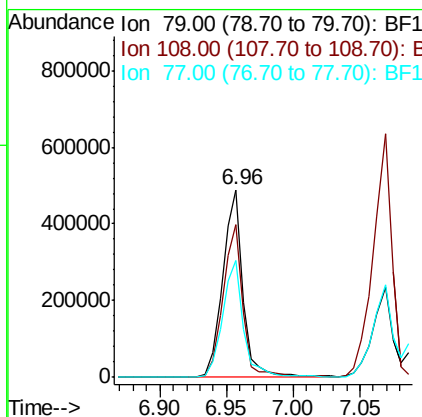
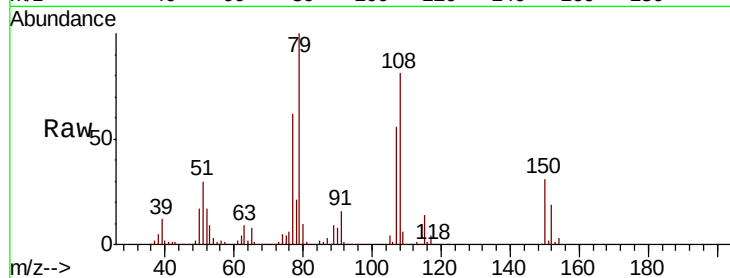
ClientSampleId :

PB127920BS

Tot Ion:	79	Resp:	529209
Ion	Ratio	Lower	Upper
79	100		
108	81.2	60.6	90.8
77	62.3	50.2	75.2

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:22 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.150 ng

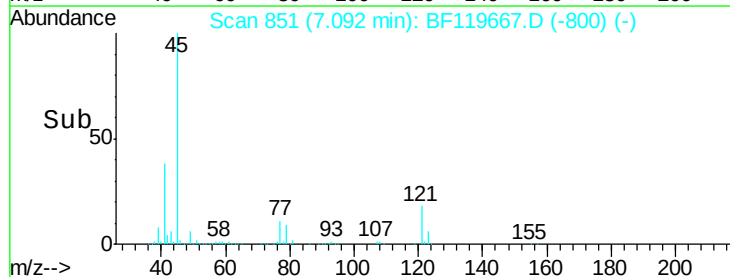
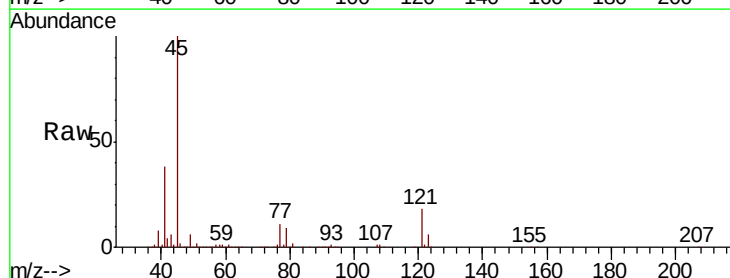
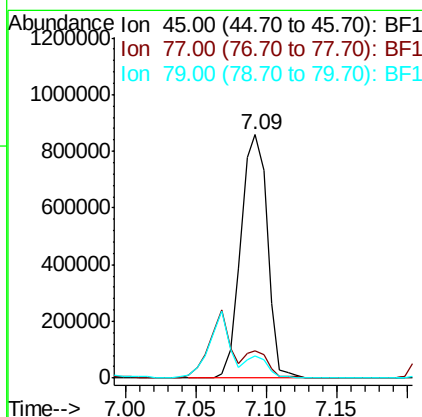
RT: 7.09 min Scan# 851

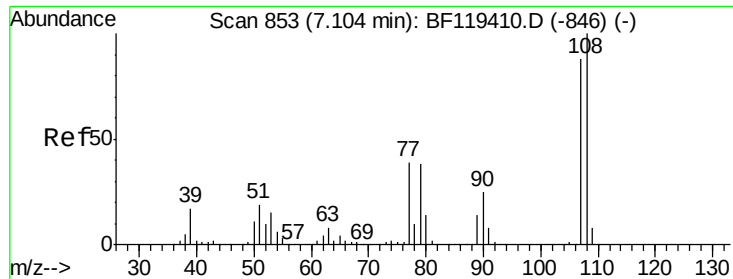
Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:	45	Resp:	1126099
Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.7
79	9.1	0.0	28.2





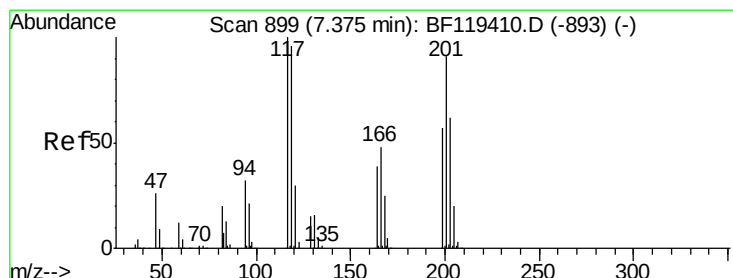
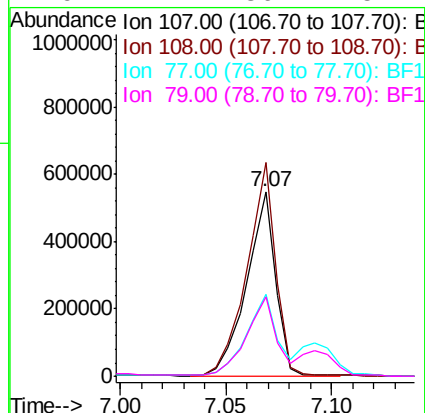
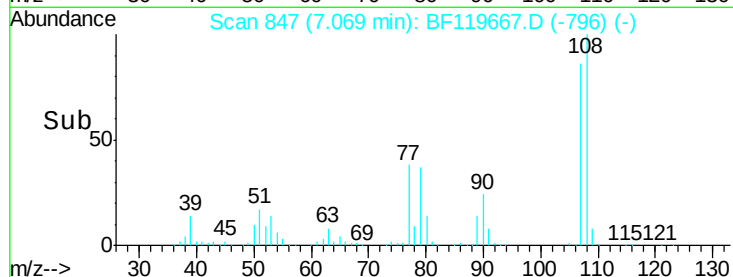
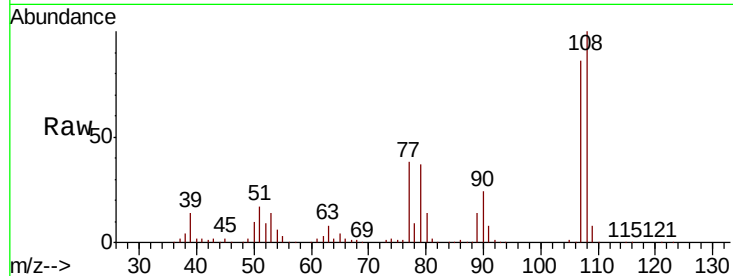
#17
2-Methylphenol
Concen: 30.777 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleID :
PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	92.2	138.4	
77	44.1	36.6	54.8	
79	42.7	36.2	54.4	

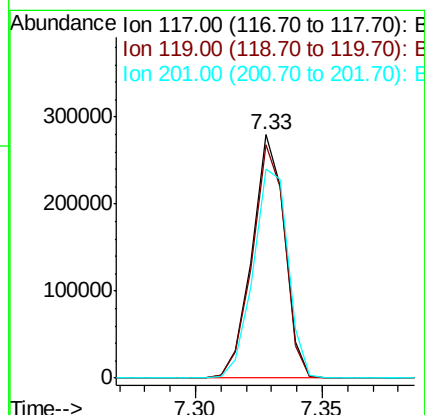
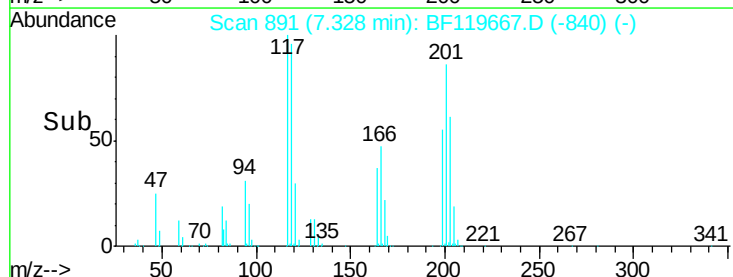
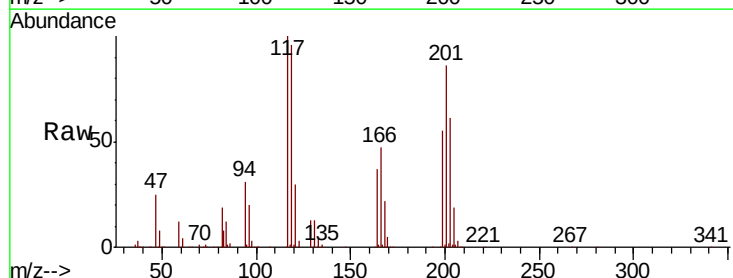
Manual Integrations
APPROVED

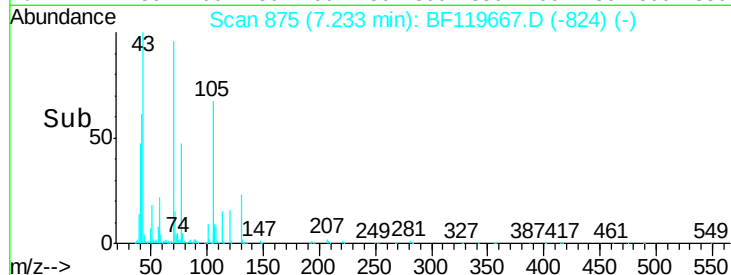
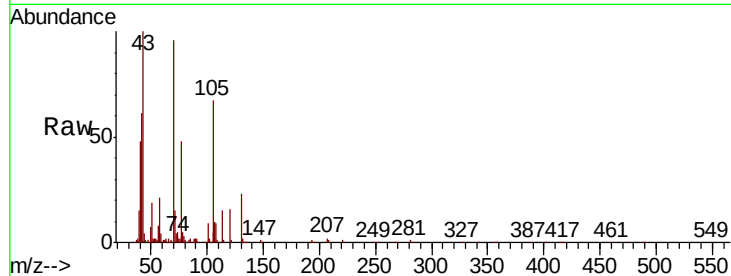
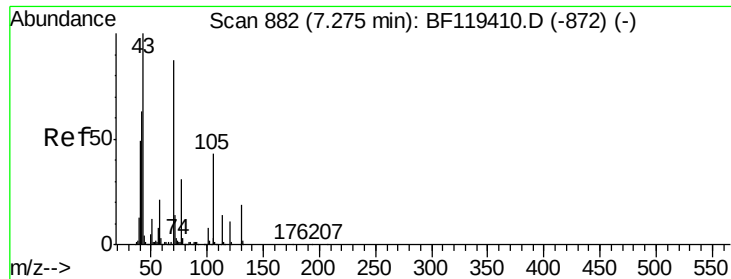
mohammad
4/3/2020 11:14:22 PM



#18
Hexachloroethane
Concen: 34.263 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.1	114.1	
201	86.1	73.0	109.6	





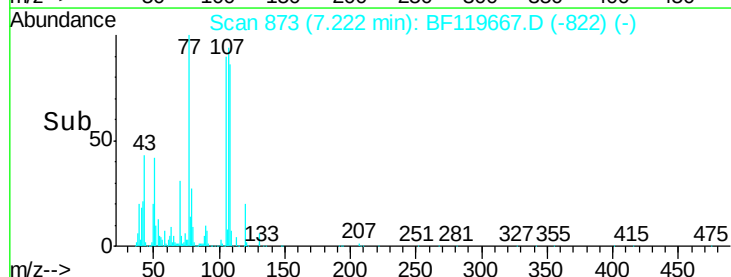
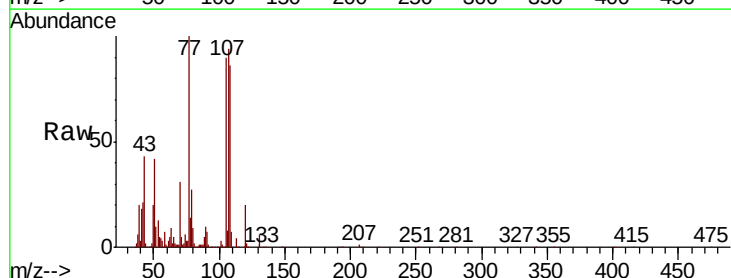
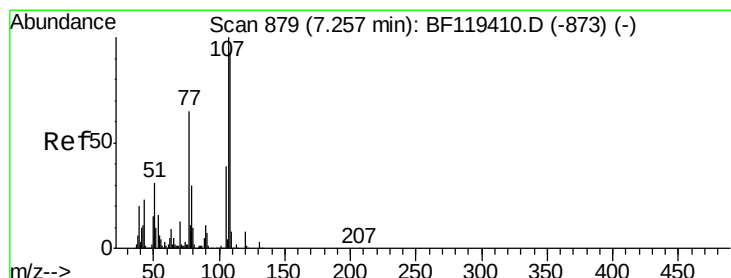
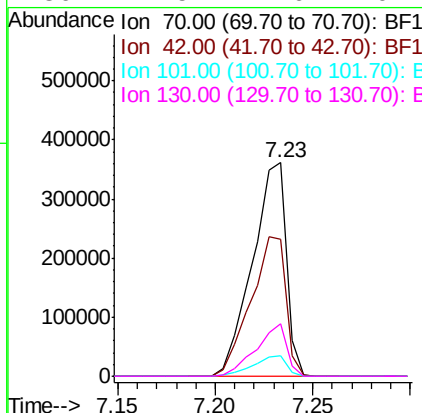
#19
n-Nitroso-di-n-propylamine
Concen: 32.158 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Manual Integrations
APPROVED

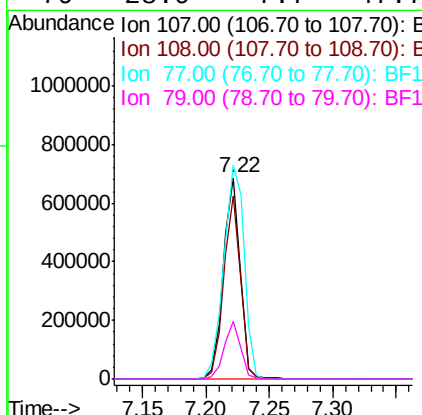
mohammad
4/3/2020 11:14:22 PM

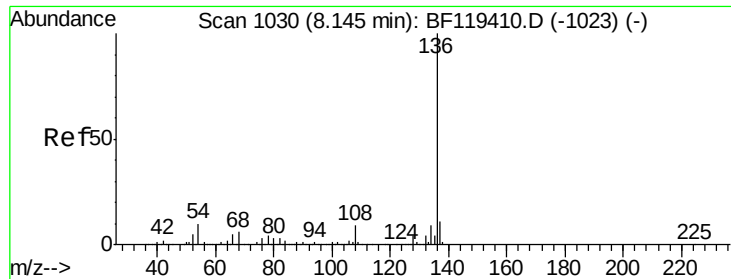
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.9	54.5	81.7	
101	9.8	7.6	11.4	
130	24.5	17.6	26.4	



#20
3+4-Methylphenols
Concen: 30.913 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	67.9	107.9	
77	106.2	52.9	92.9	
79	28.9	7.7	47.7	





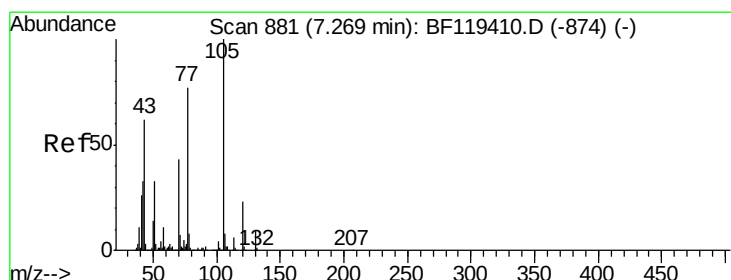
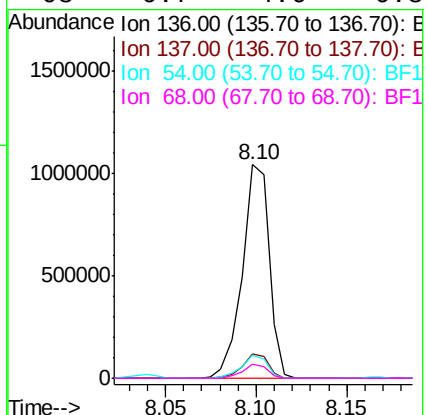
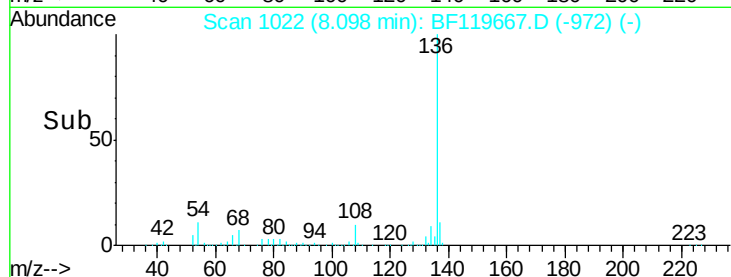
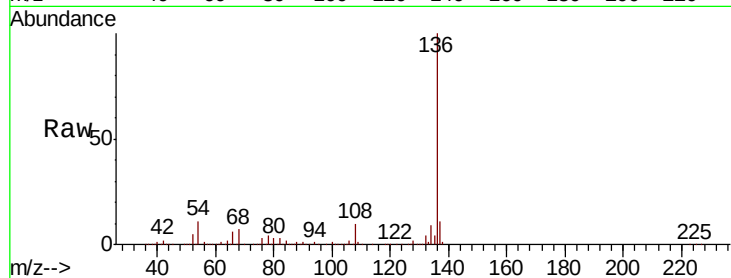
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4	8.7	13.1		
54	10.8	9.1	13.7		
68	6.7	4.6	6.8		

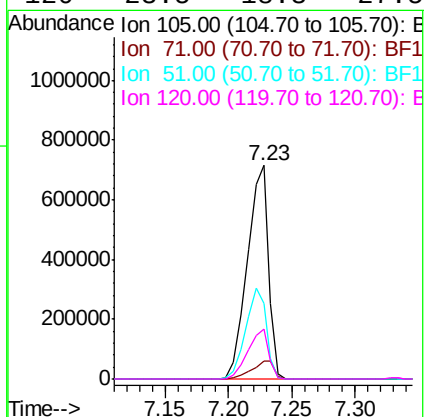
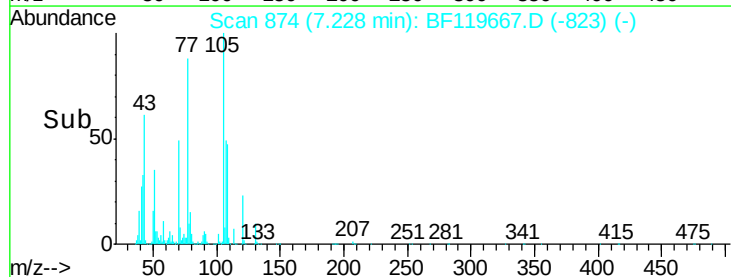
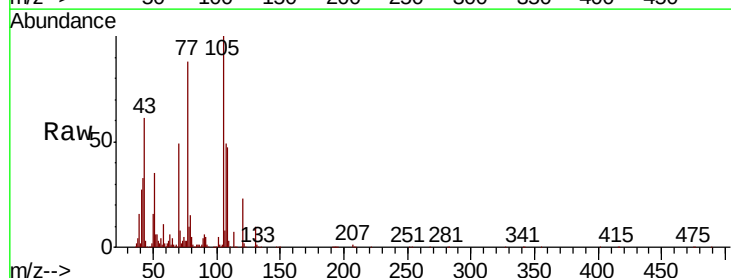
Manual Integrations
APPROVED

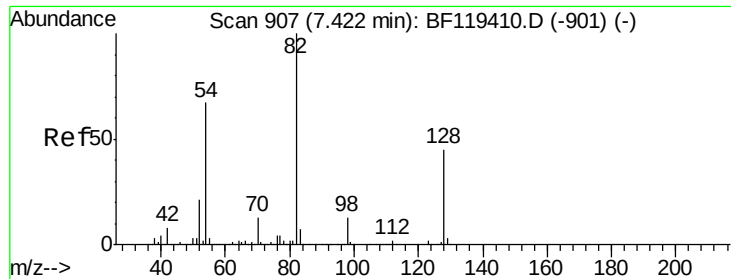
mohammad
4/3/2020 11:14:22 PM



#22
Acetophenone
Concen: 32.324 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.4	5.7	8.5		
51	35.2	26.2	39.4		
120	23.5	18.3	27.5		





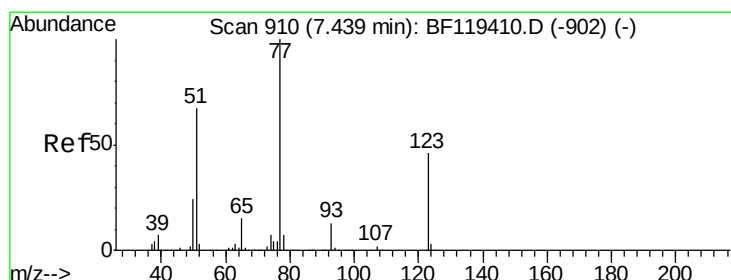
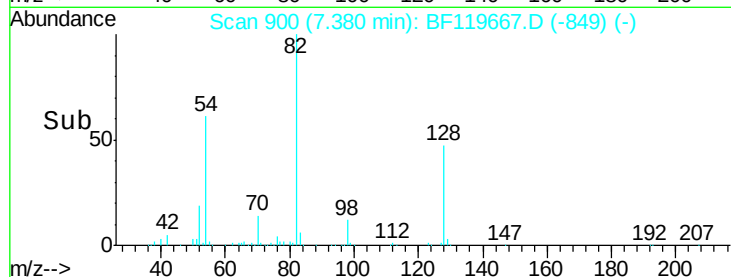
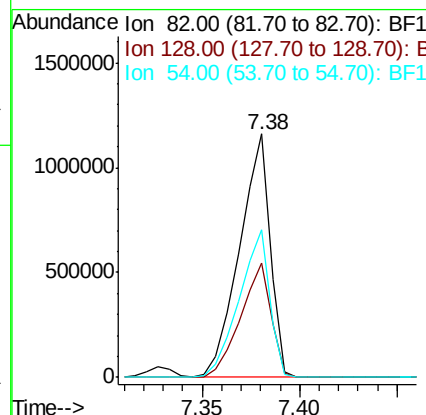
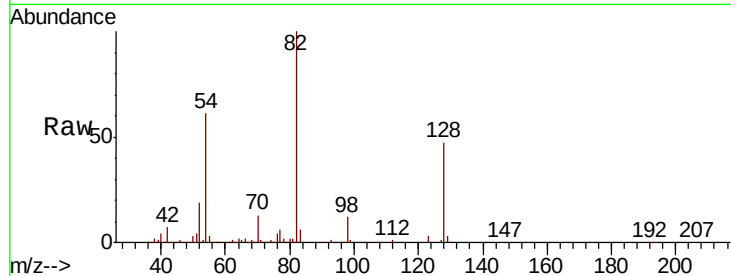
#23
 Nitrobenzene-d5
 Concen: 63.805 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampled :
 PB127920BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	60.7	50.6	75.8

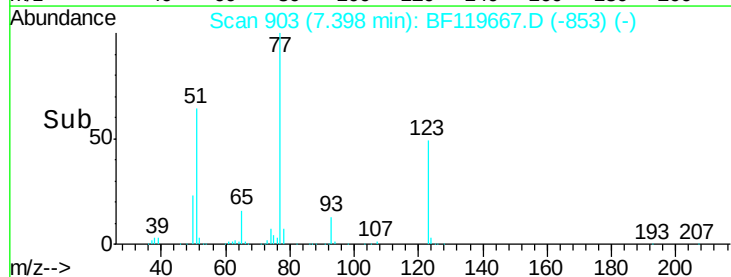
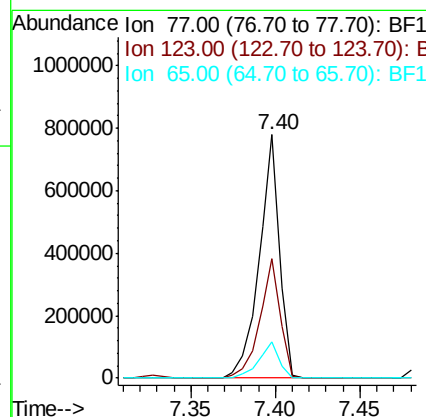
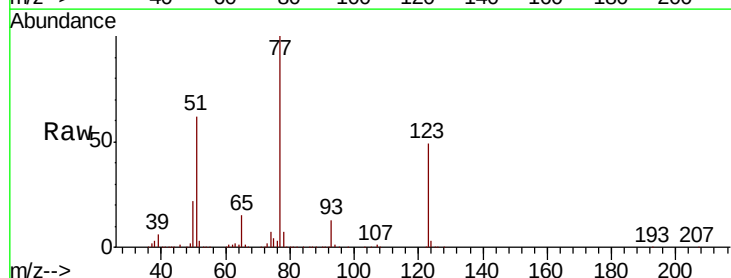
Manual Integrations
 APPROVED

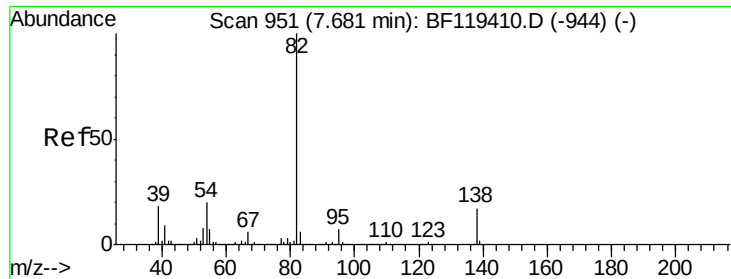
mohammad
 4/3/2020 11:14:22 PM



#24
 Nitrobenzene
 Concen: 31.050 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	38.0	57.0
65	14.9	12.6	18.8





#25

Isophorone

Concen: 30.702 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion: 82 Resp: 1231343

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

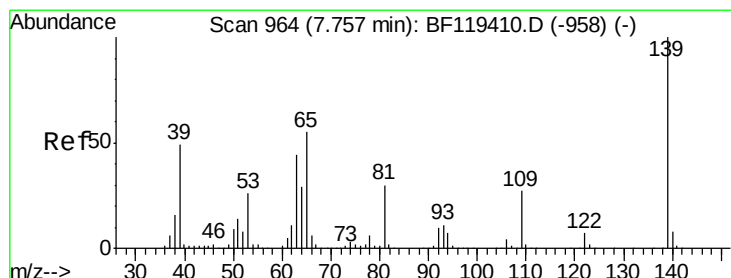
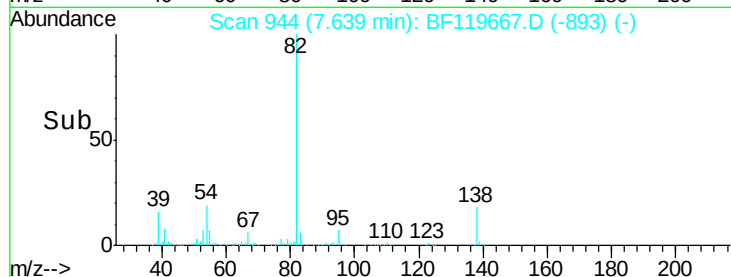
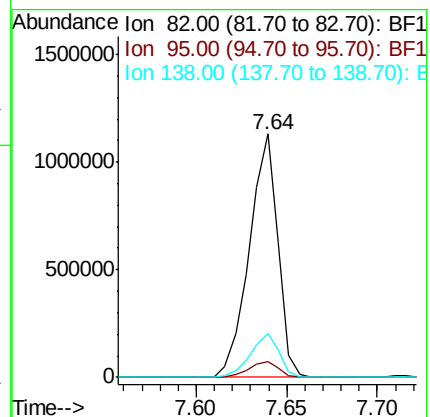
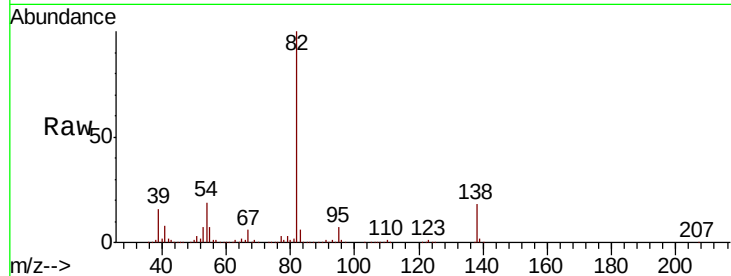
138 18.3 14.6 21.8

Manual Integrations

APPROVED

mohammad

4/3/2020 11:14:22 PM



#26

2-Nitrophenol

Concen: 40.956 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

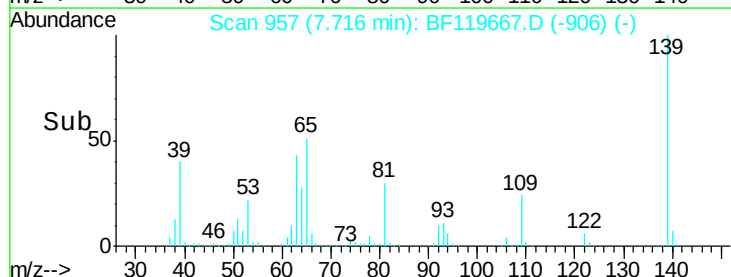
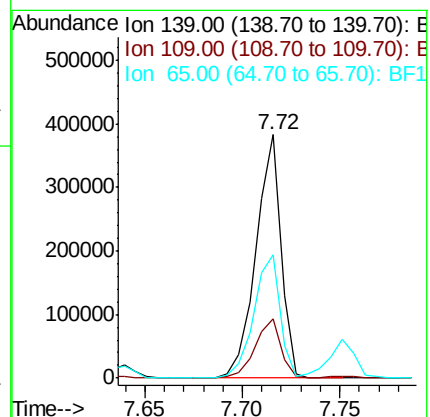
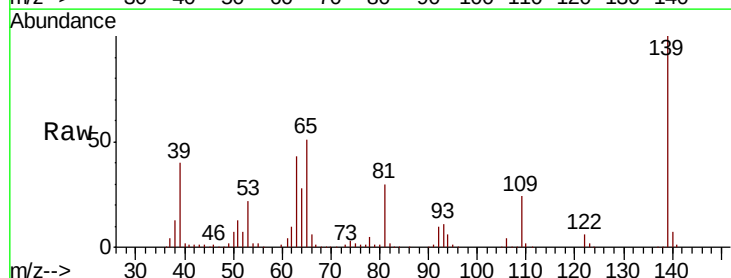
Tgt Ion: 139 Resp: 340733

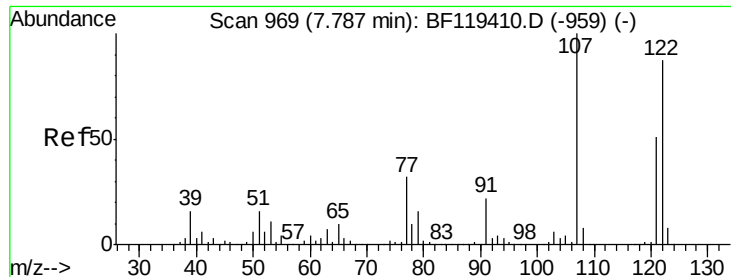
Ion Ratio Lower Upper

139 100

109 24.5 22.1 33.1

65 50.8 49.2 73.8





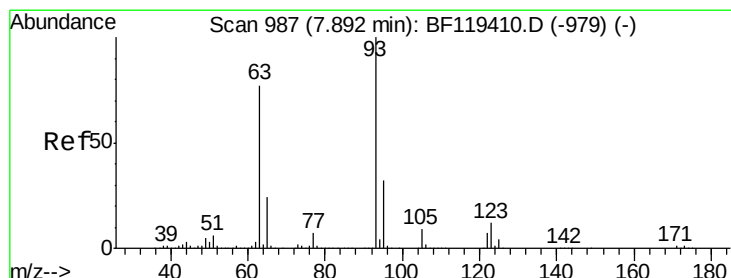
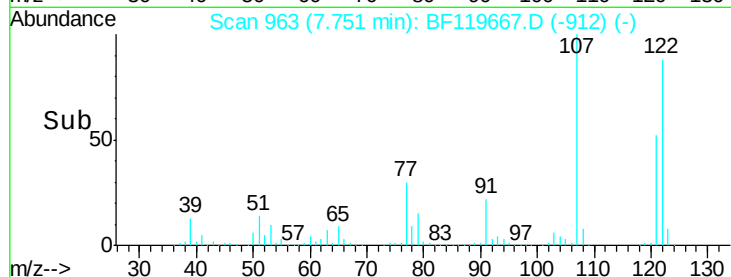
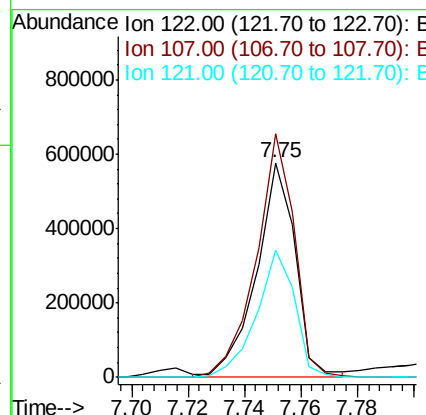
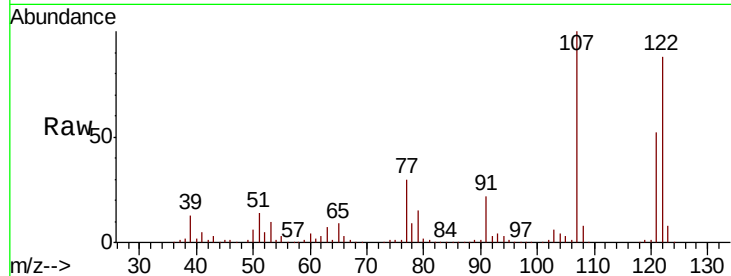
#27
 2,4-Dimethylphenol
 Concen: 32.027 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	550939		
107	113.6	89.0	133.6	
121	59.2	46.7	70.1	

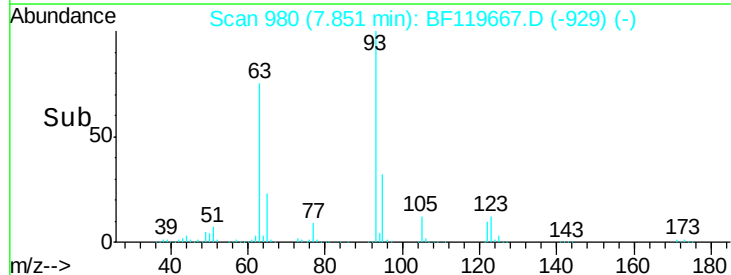
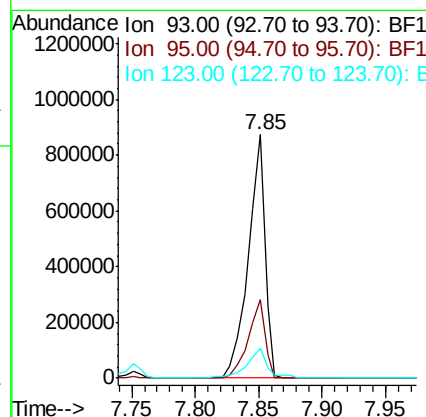
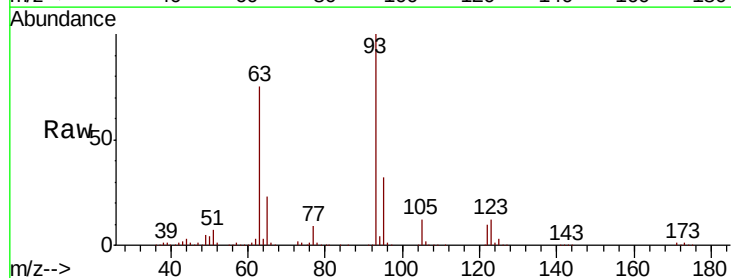
Manual Integrations
 APPROVED

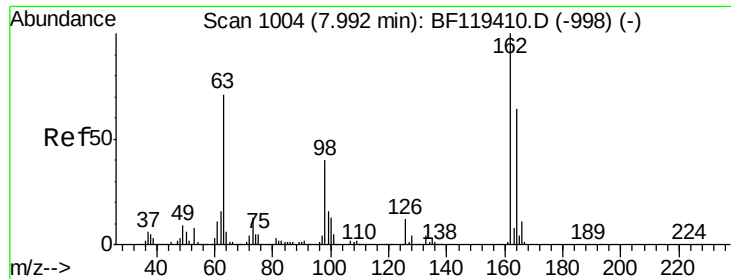
mohammad
 4/3/2020 11:14:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.460 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	793556		
95	32.3	26.3	39.5	
123	12.4	9.7	14.5	





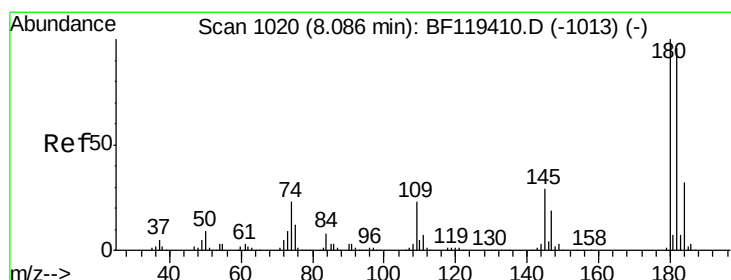
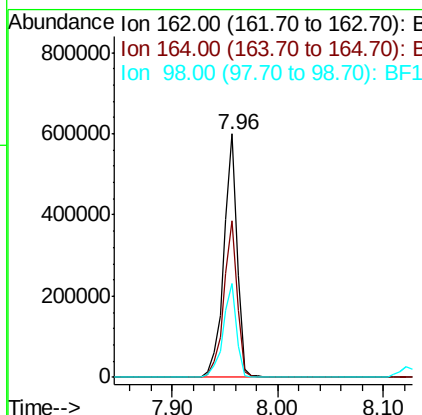
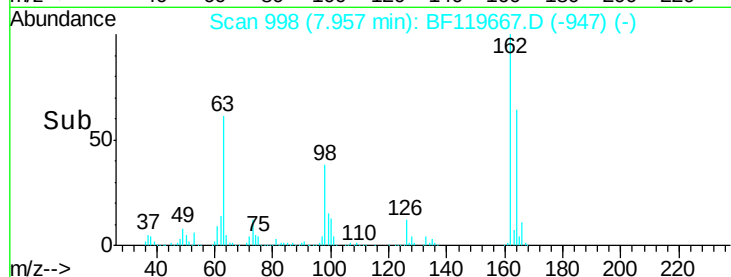
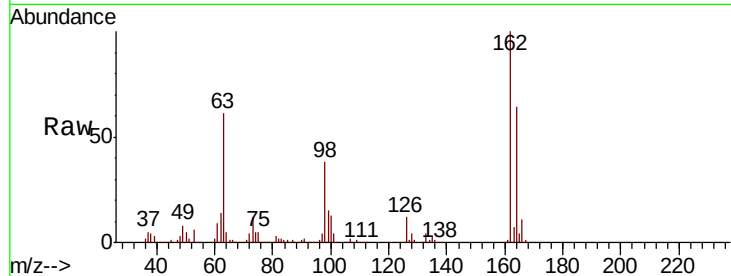
#29
2,4-Dichlorophenol
Concen: 33.565 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:	162	Resp:	530546
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.7	84.7
98	38.4	20.7	60.7

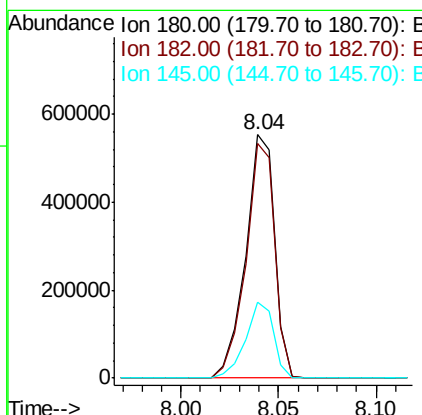
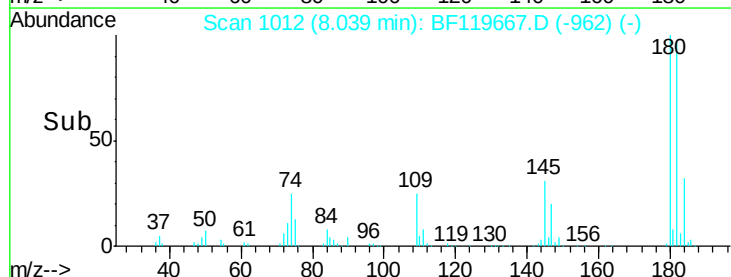
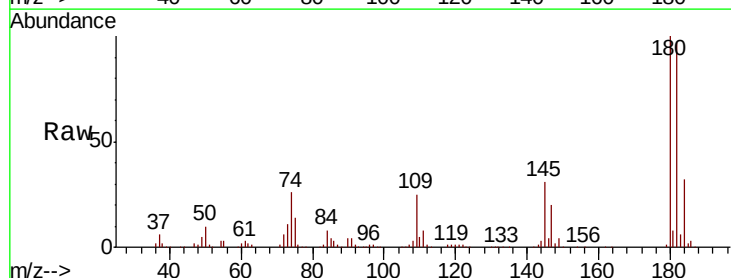
Manual Integrations
APPROVED

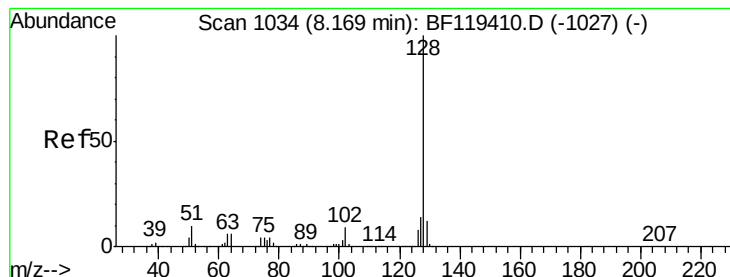
mohammad
4/3/2020 11:14:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 32.588 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:	180	Resp:	569649
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.7	112.1
145	31.2	24.5	36.7





#31

Naphthalene

Concen: 33.159 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleID :

PB127920BS

Tot Ion:128 Resp: 1833554

Ion Ratio Lower Upper

128 100

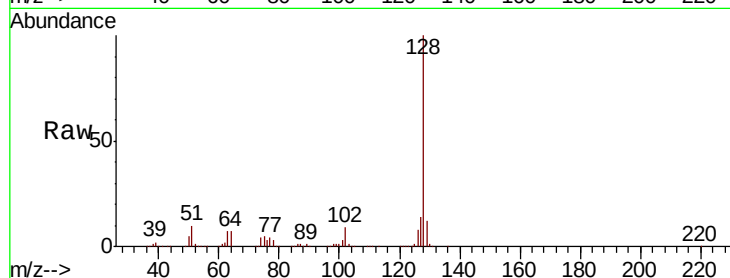
129 11.9 9.5 14.3

127 13.9 11.3 16.9

Manual Integrations
APPROVED

mohammad

4/3/2020 11:14:22 PM

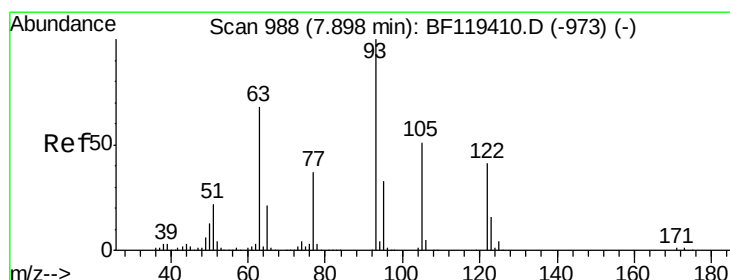
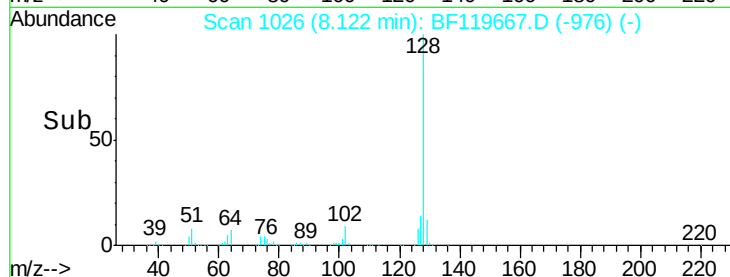
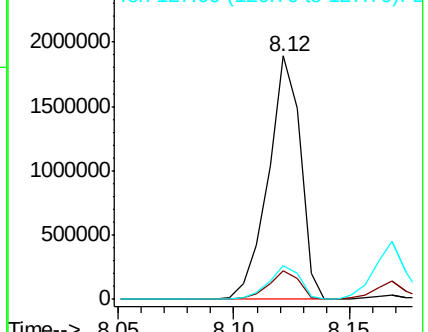


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.949 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

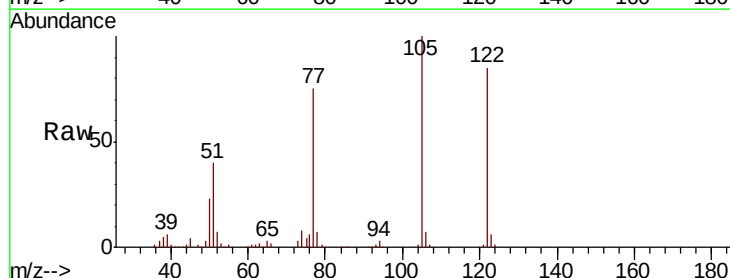
Tgt Ion:122 Resp: 430994

Ion Ratio Lower Upper

122 100

105 117.3 104.9 144.9

77 88.0 74.4 114.4

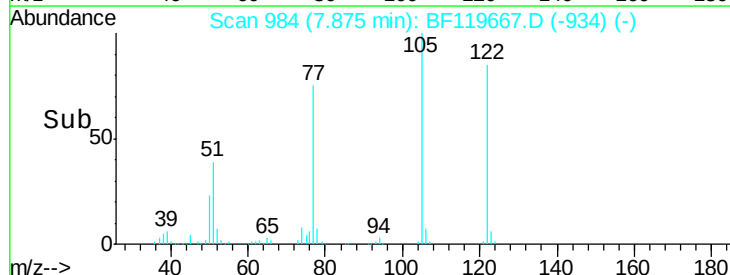
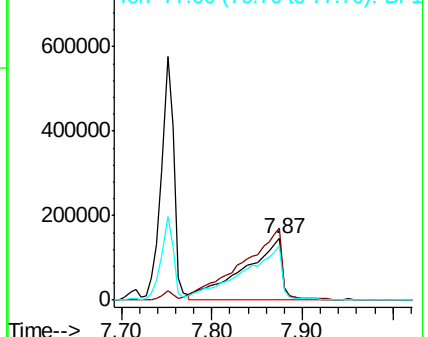


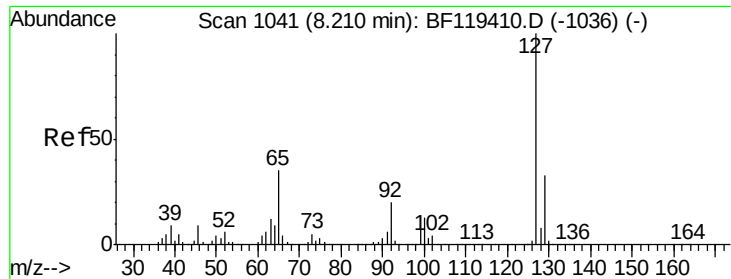
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





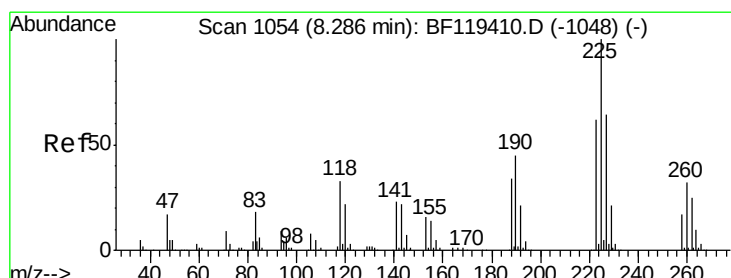
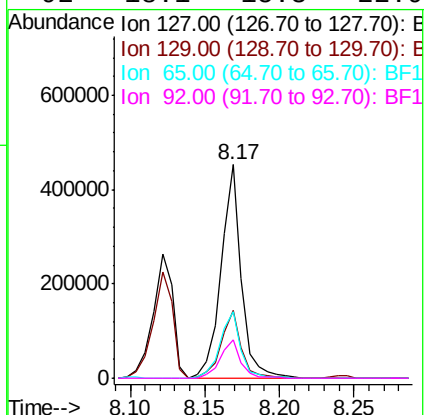
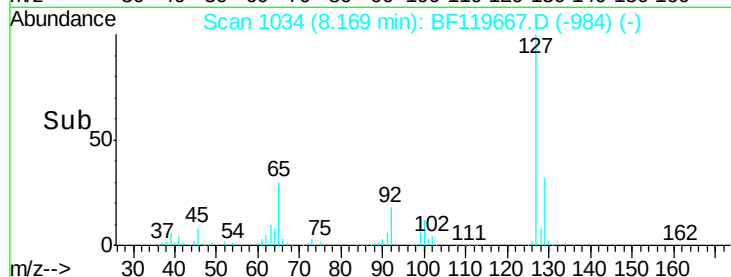
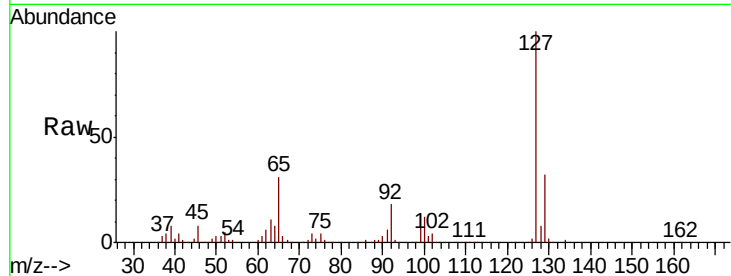
#33
4-Chloroaniline
Concen: 17.079 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.2	39.4		
65	30.9	27.4	41.0		
92	18.1	15.3	22.9		

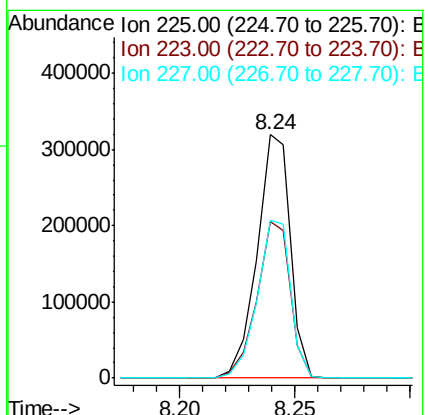
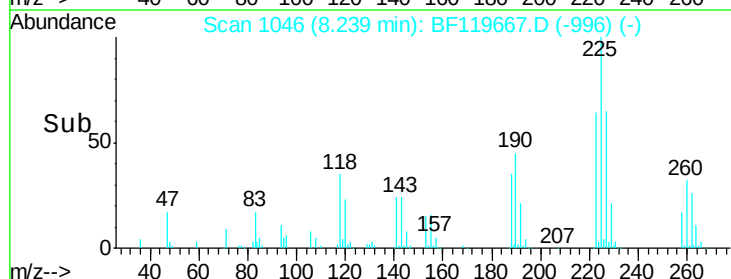
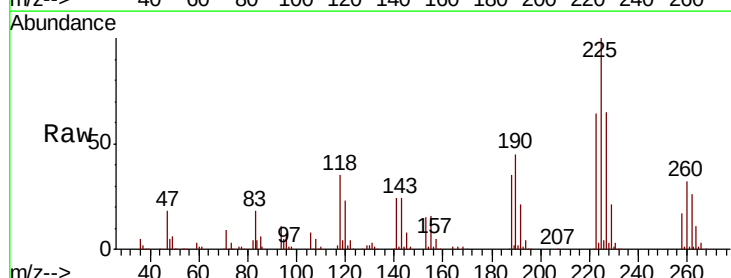
Manual Integrations
APPROVED

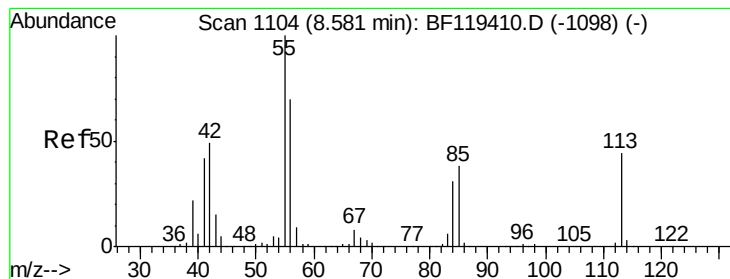
mohammad
4/3/2020 11:14:22 PM



#34
Hexachlorobutadiene
Concen: 32.813 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.0	76.6		
227	64.7	50.7	76.1		





#35

Caprolactam

Concen: 33.448 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleID :

PB127920BS

Tot Ion: 113 Resp: 173027

Ion Ratio Lower Upper

113 100

55 229.6 218.4 258.4

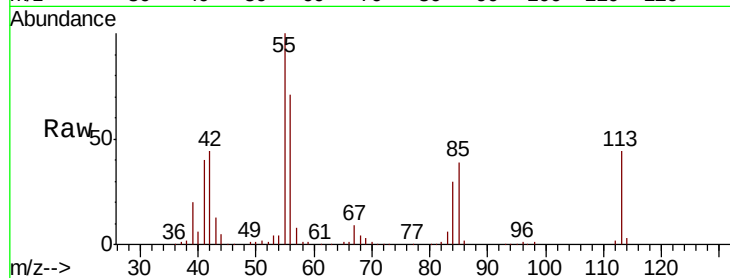
56 162.6 148.9 188.9

Manual Integrations

APPROVED

mohammad

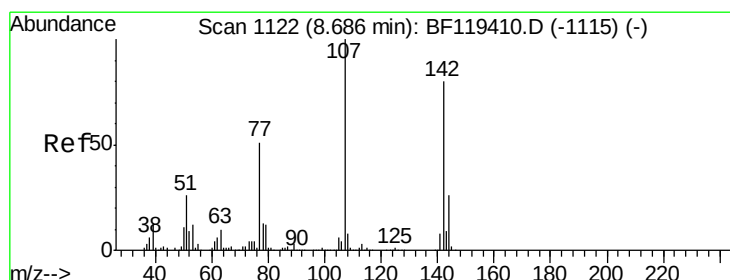
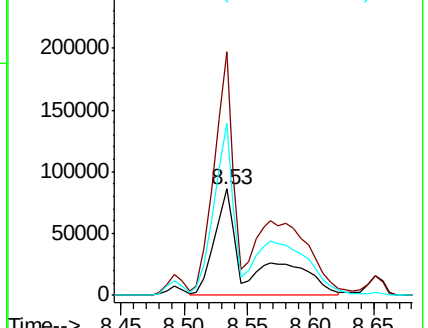
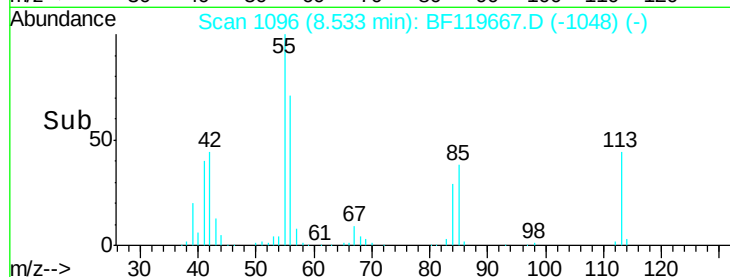
4/3/2020 11:14:22 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 32.966 ng/mL

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

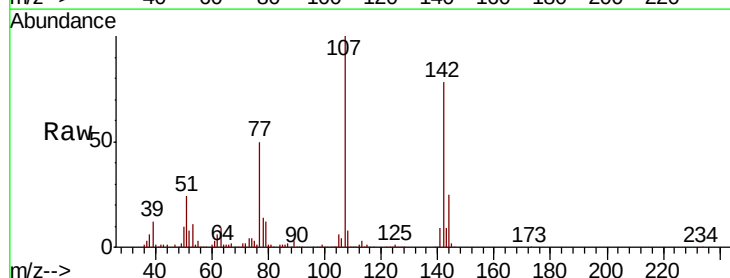
Tgt Ion: 107 Resp: 569517

Ion Ratio Lower Upper

107 100

144 25.3 21.0 31.6

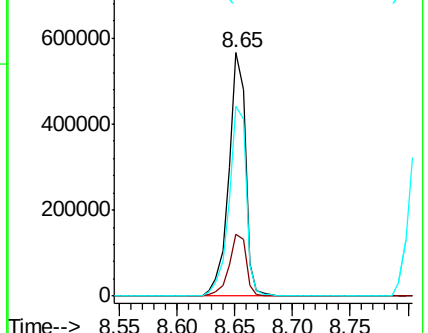
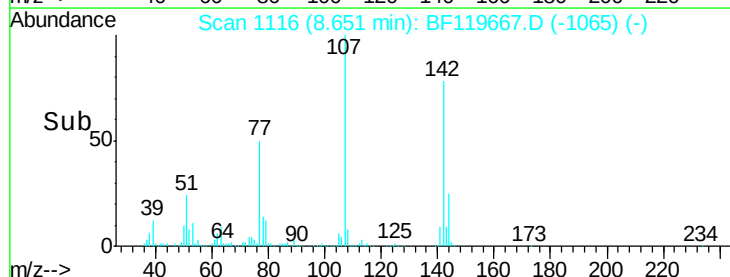
142 77.8 64.4 96.6

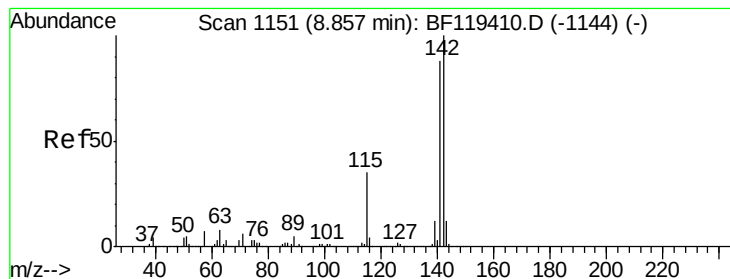


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.032 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:142 Resp: 1235048

Ion Ratio Lower Upper

142 100

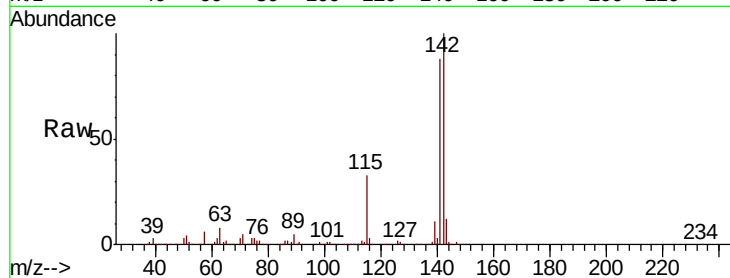
141 88.4 71.7 107.5

115 33.3 27.9 41.9

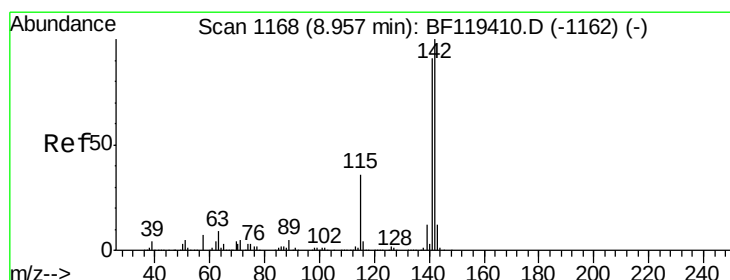
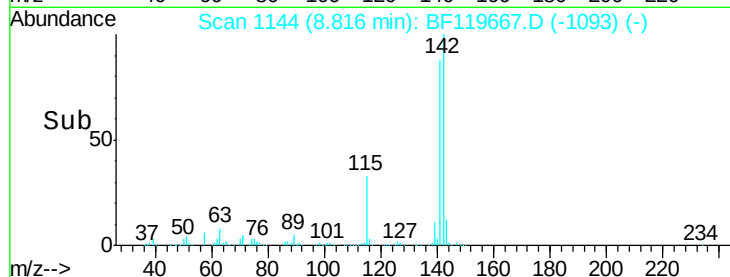
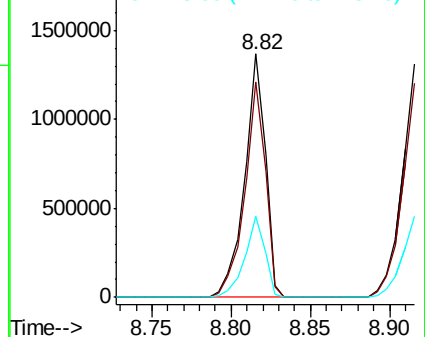
Manual Integrations
APPROVED

mohammad

4/3/2020 11:14:22 PM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.048 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

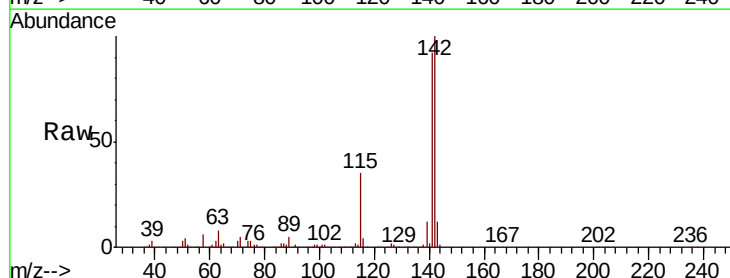
Tgt Ion:142 Resp: 1169528

Ion Ratio Lower Upper

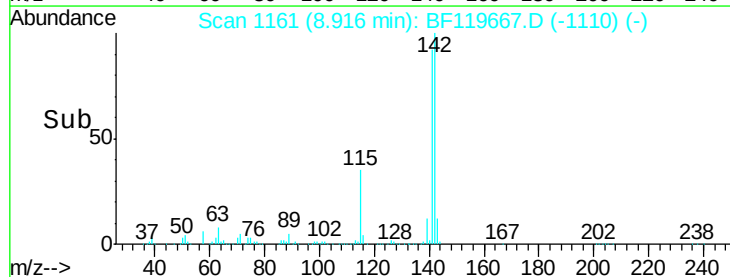
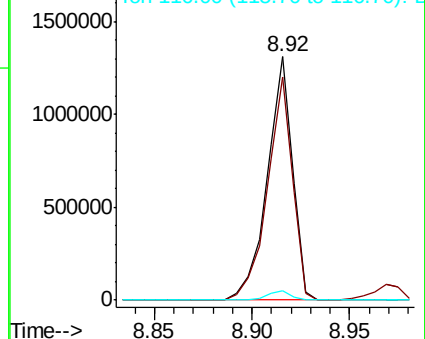
142 100

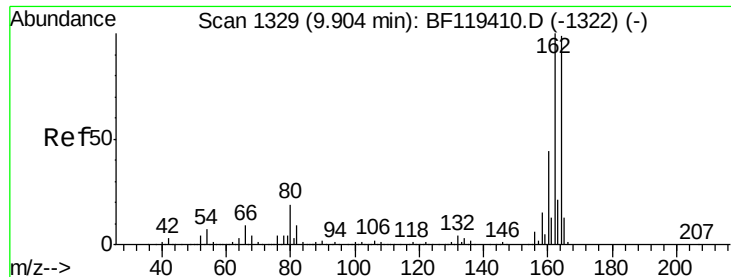
141 91.9 73.7 110.5

116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





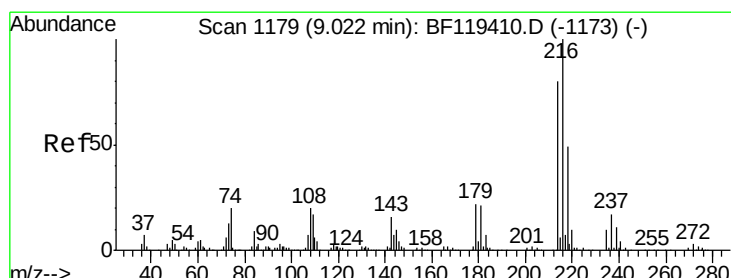
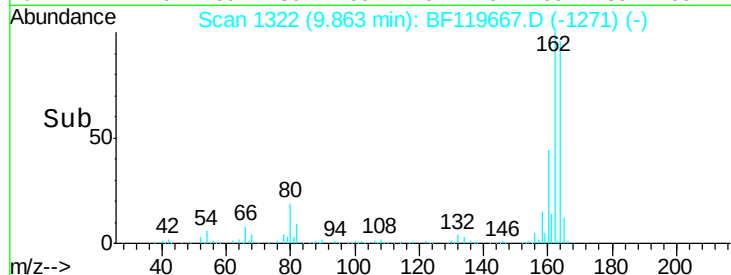
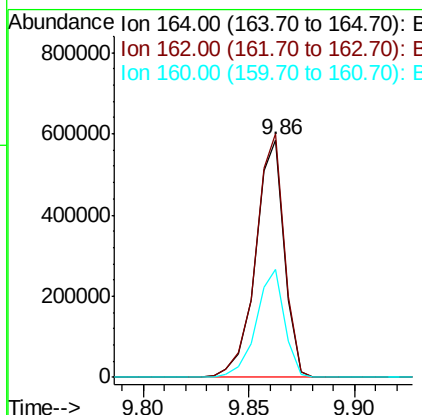
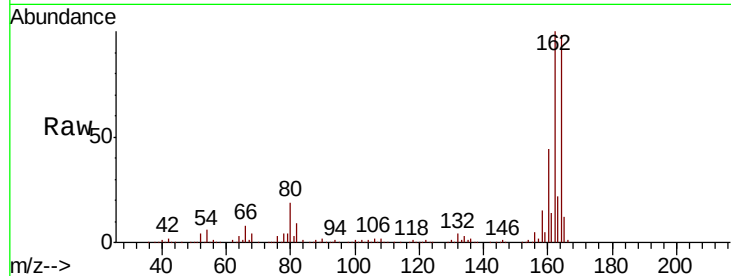
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	80.6	121.0	
160	45.3	35.7	53.5	

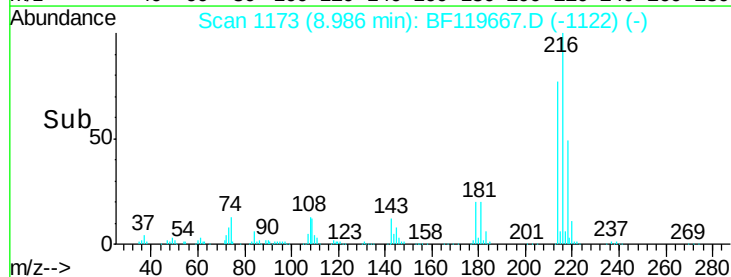
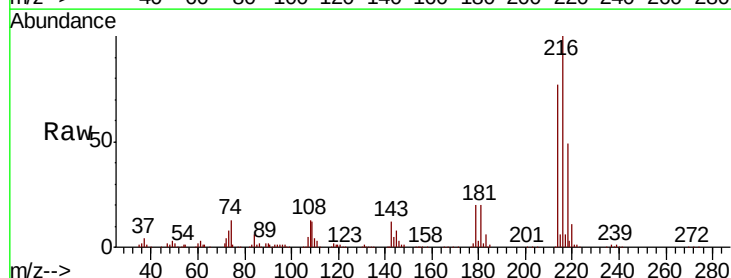
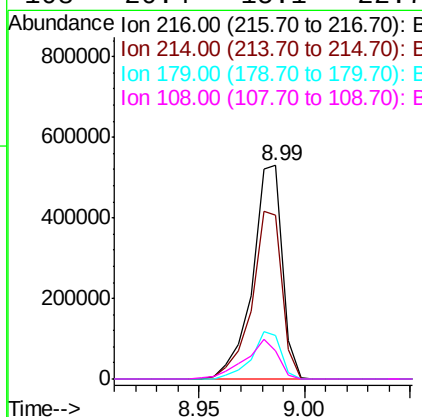
Manual Integrations
 APPROVED

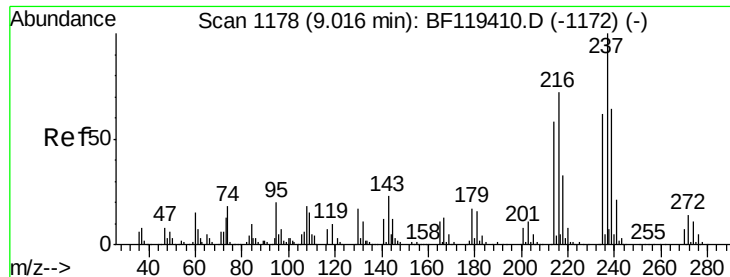
mohammad
 4/3/2020 11:14:22 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.352 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.2	94.8	
179	21.4	17.1	25.7	
108	20.4	15.1	22.7	





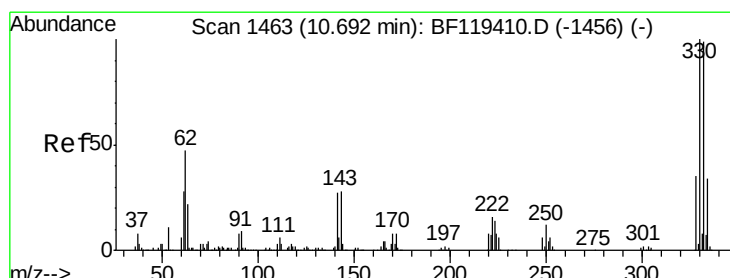
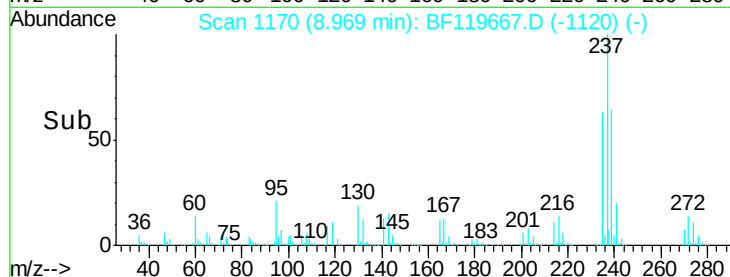
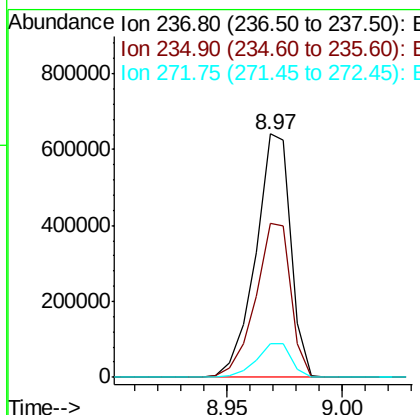
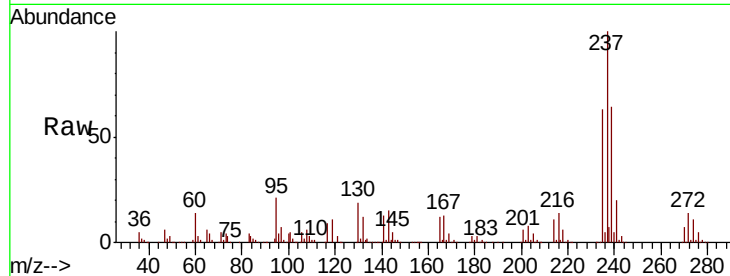
#41
Hexachlorocyclopentadiene
Concen: 73.500 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	43.2	83.2	
272	13.9	0.0	34.1	

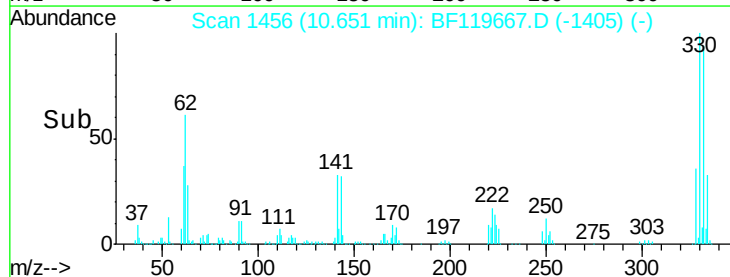
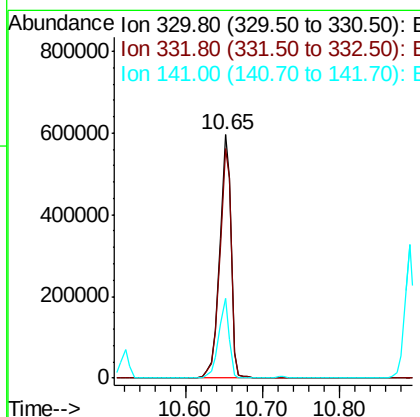
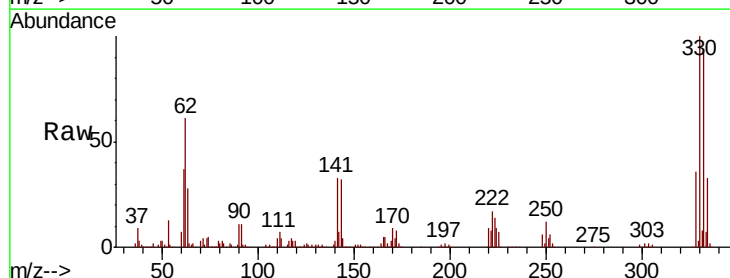
Manual Integrations
APPROVED

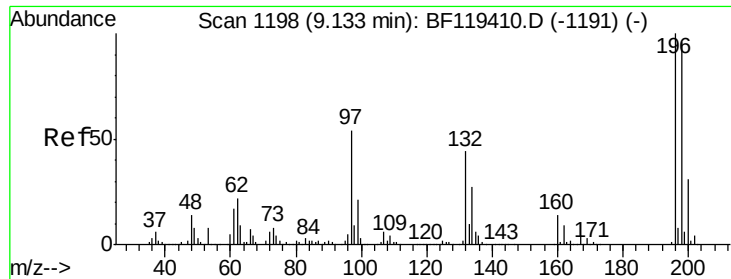
mohammad
4/3/2020 11:14:22 PM



#42
2,4,6-Tribromophenol
Concen: 104.955 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	75.7	113.5	
141	30.4	25.4	38.0	





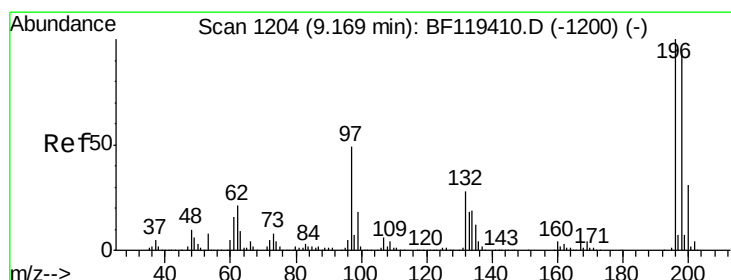
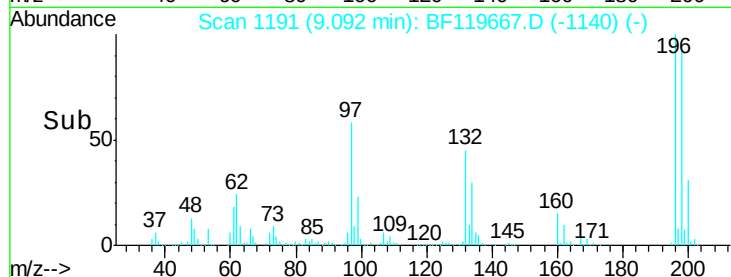
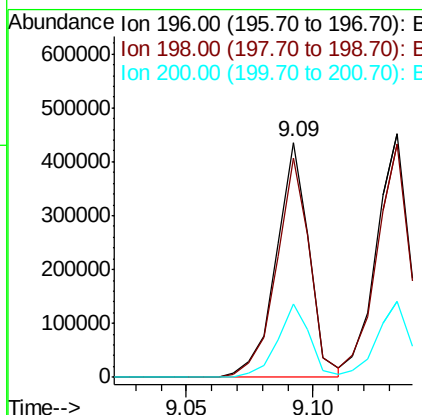
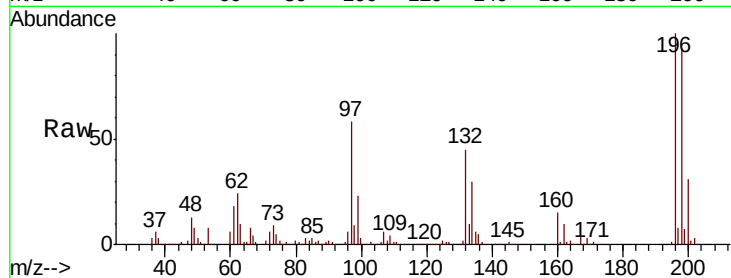
#43
 2,4,6-Trichlorophenol
 Concen: 33.965 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleID :
 PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394818		
198	93.1	76.6	115.0	
200	31.1	24.6	36.8	

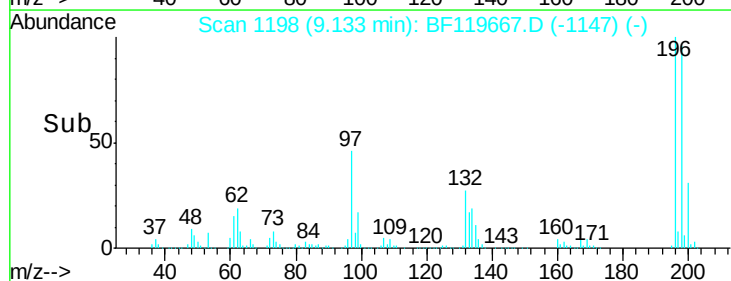
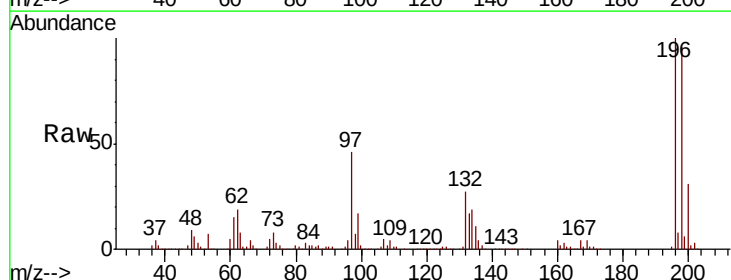
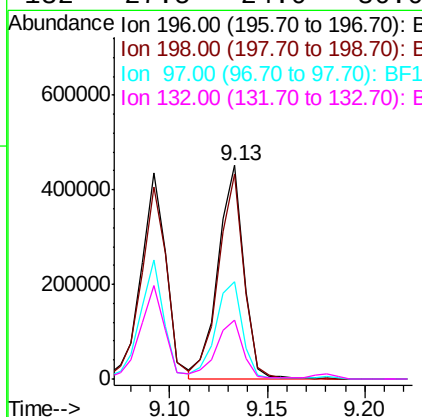
Manual Integrations
 APPROVED

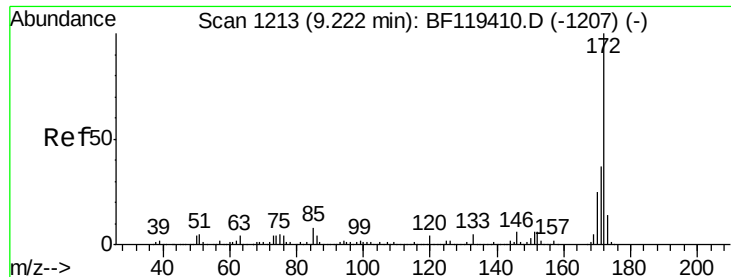
mohammad
 4/3/2020 11:14:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.607 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	411585		
198	95.8	73.8	110.8	
97	45.7	42.6	63.8	
132	27.5	24.0	36.0	





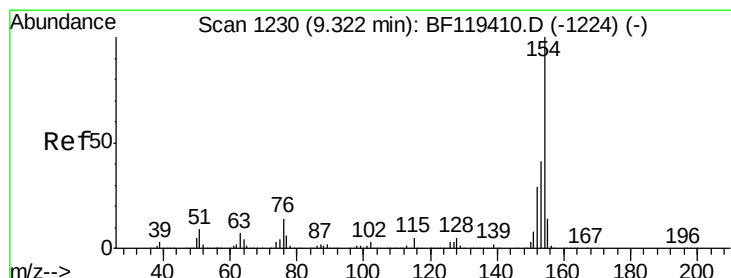
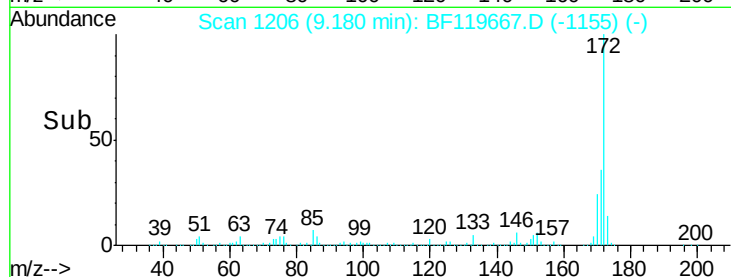
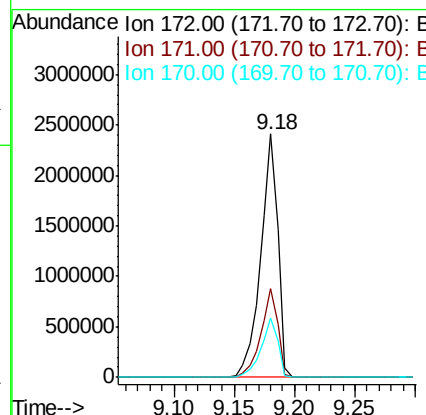
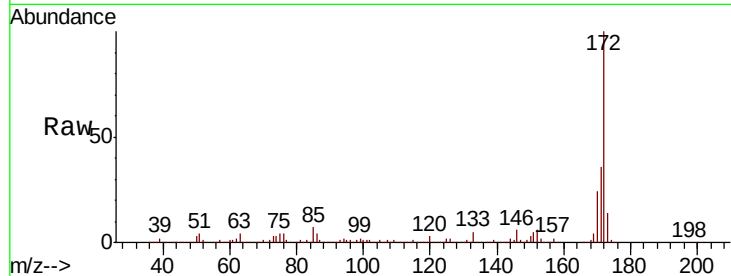
#45
2-Fluorobiphenyl
Concen: 63.755 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.6	44.4	
170	24.4	20.2	30.2	

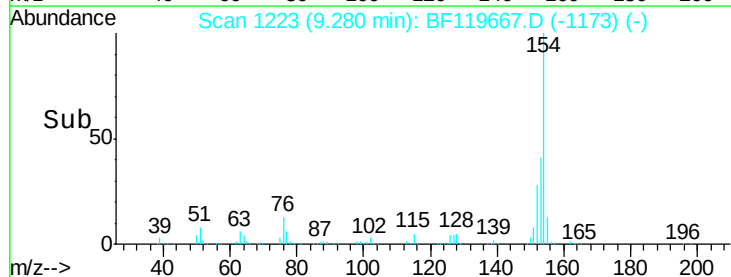
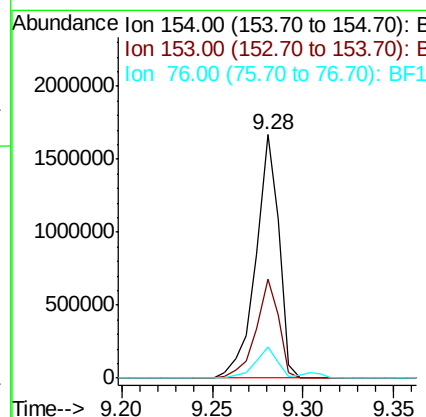
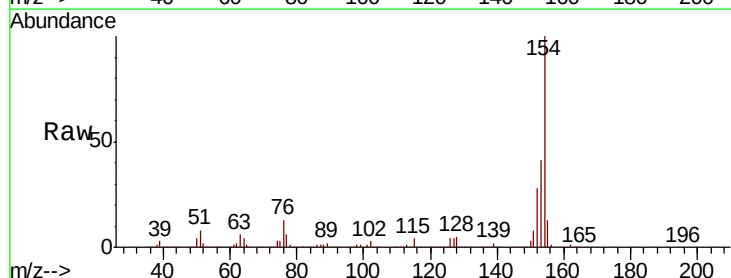
Manual Integrations
APPROVED

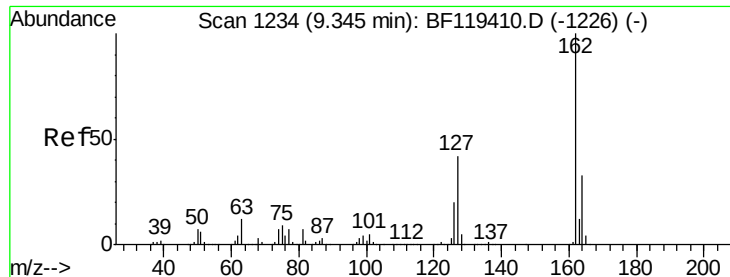
mohammad
4/3/2020 11:14:22 PM



#46
1,1'-Biphenyl
Concen: 32.547 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.9	21.4	61.4	
76	13.0	0.0	33.0	





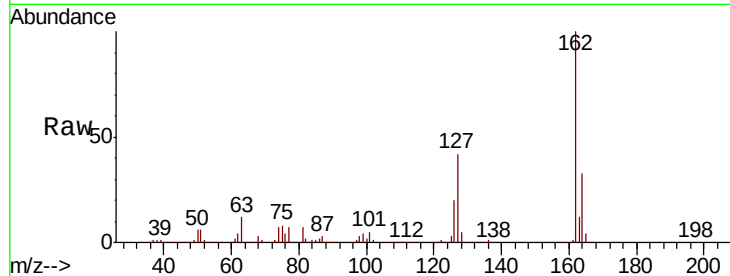
#47
 2-Chloronaphthalene
 Concen: 32.561 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

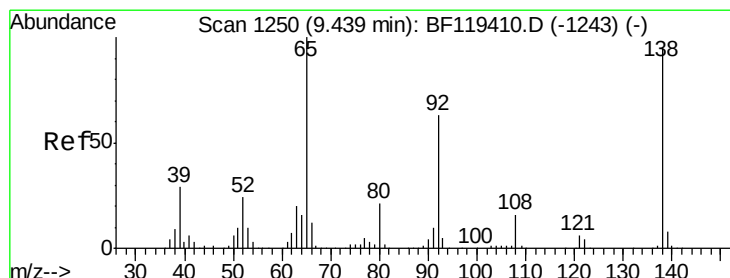
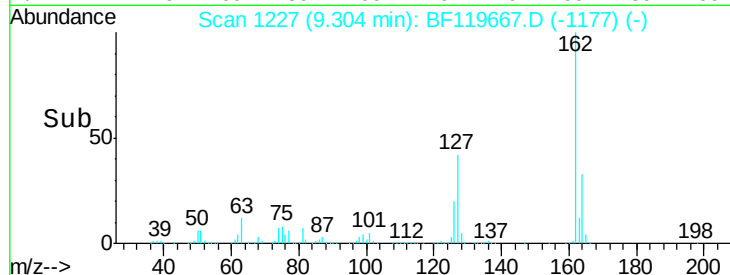
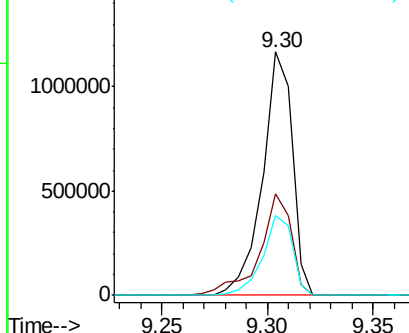
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.5	33.7	50.5	
164	33.0	26.3	39.5	

Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:22 PM

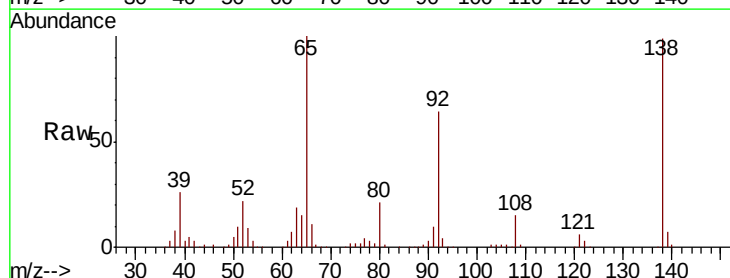


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

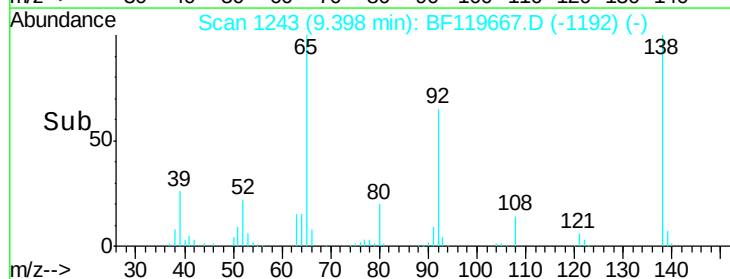
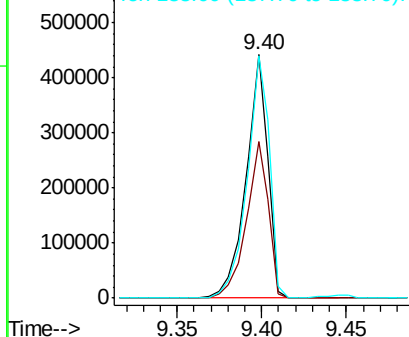


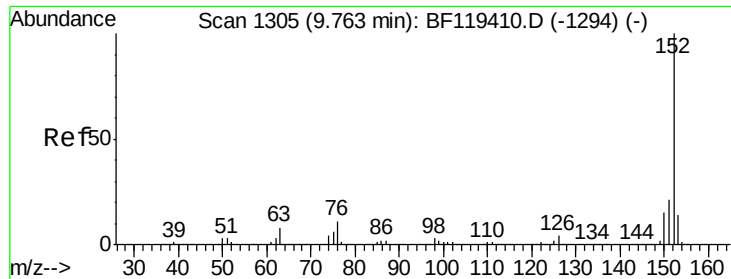
#48
 2-Nitroaniline
 Concen: 32.563 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	64.4	50.0	75.0	
138	99.4	75.0	112.4	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 32.668 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:152 Resp: 1813788

Ion Ratio Lower Upper

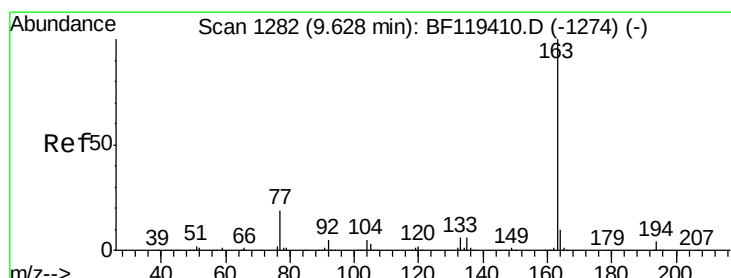
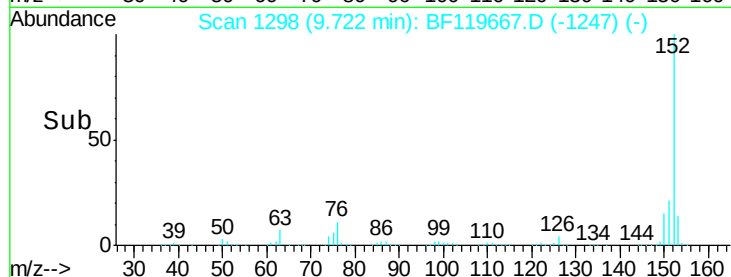
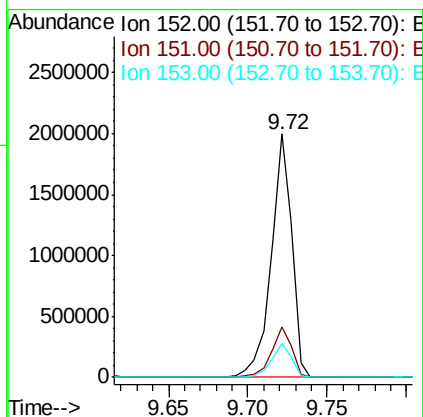
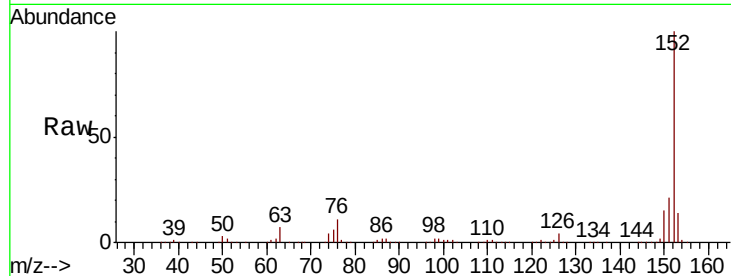
152 100

151 20.8 17.2 25.8

153 13.9 11.2 16.8

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:22 PM



#50

Dimethylphthalate

Concen: 34.178 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

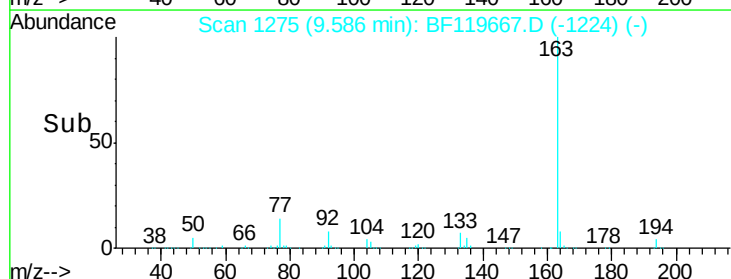
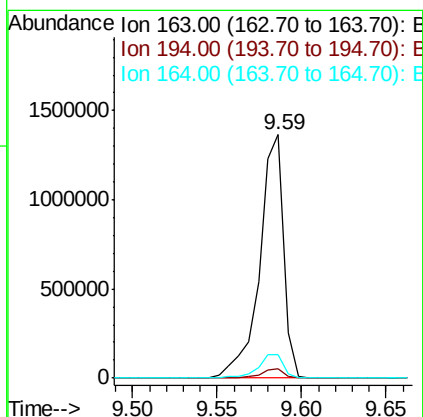
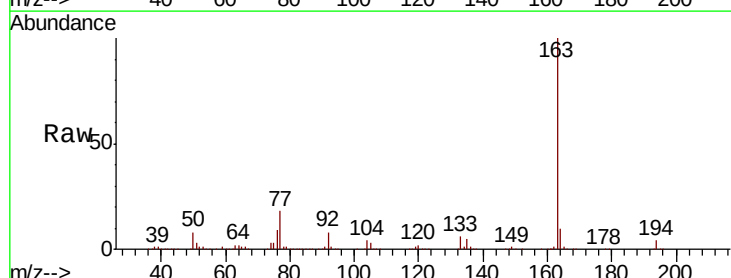
Tgt Ion:163 Resp: 1345384

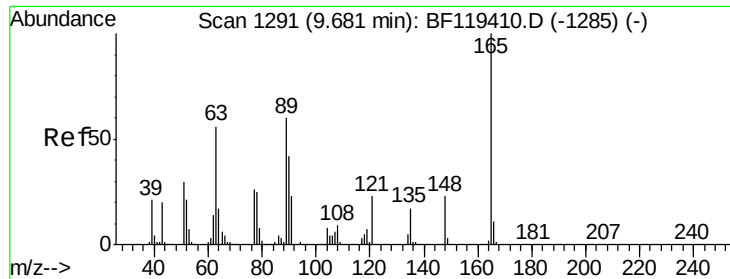
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 35.872 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

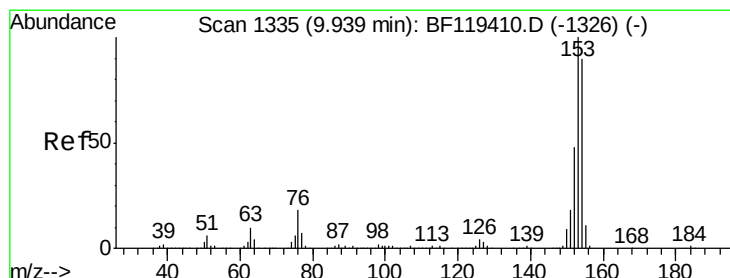
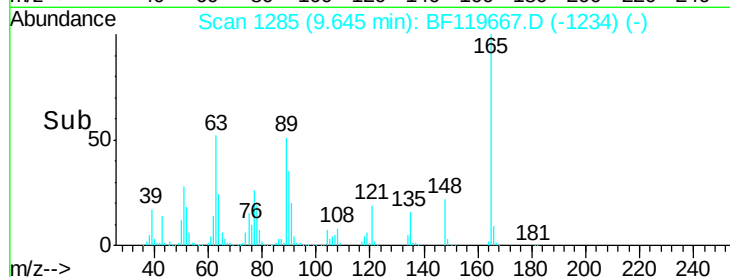
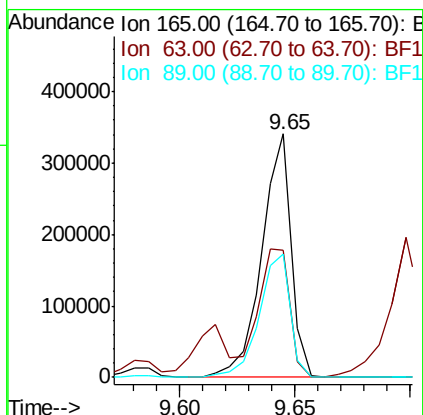
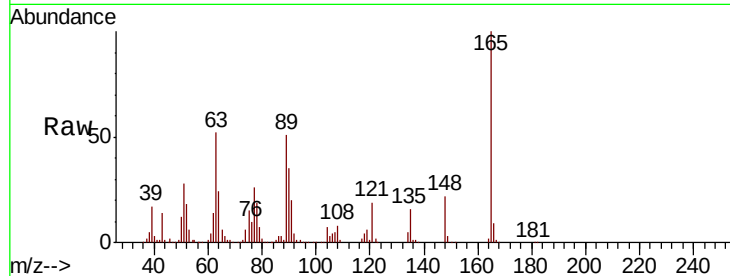
ClientSampleId :

PB127920BS

Tot Ion:	165	Resp:	302667
Ion Ratio	Lower	Upper	
165	100		
63	52.0	45.0	67.4
89	50.7	41.5	62.3

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:22 PM



#52

Acenaphthene

Concen: 32.145 ng

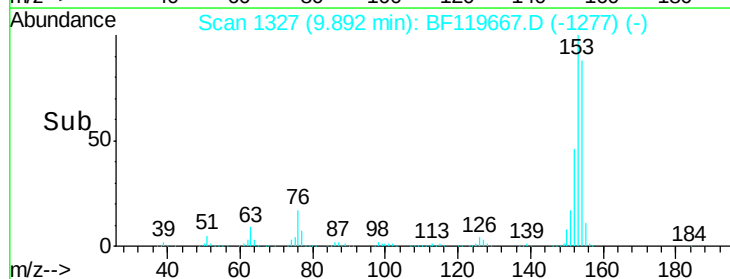
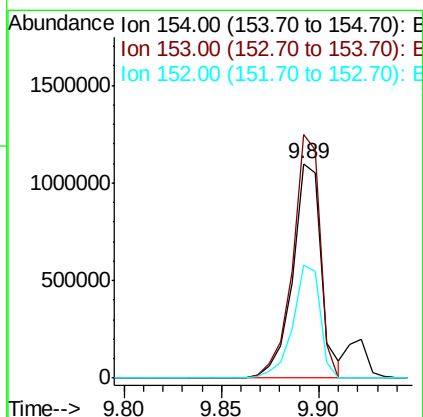
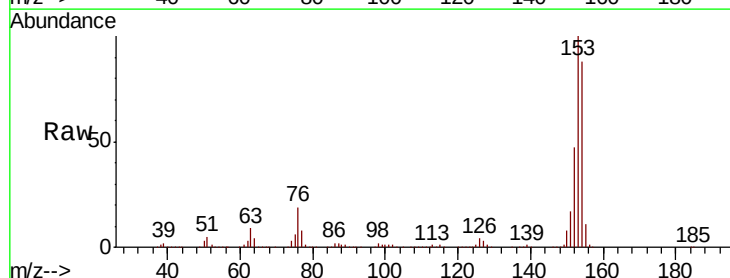
RT: 9.89 min Scan# 1327

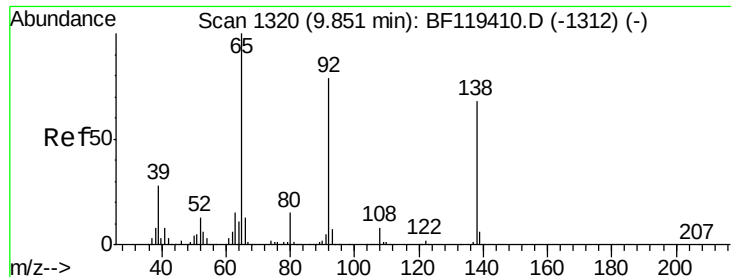
Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:	154	Resp:	1112620
Ion Ratio	Lower	Upper	
154	100		
153	113.7	88.1	132.1
152	52.9	43.0	64.4





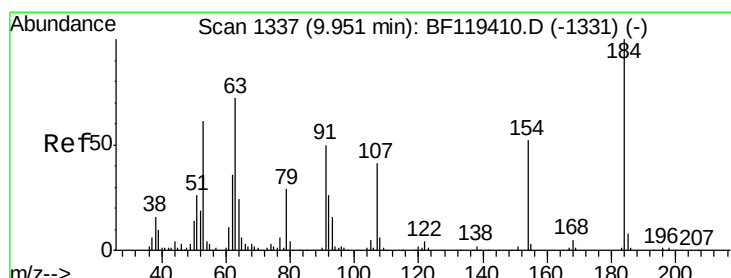
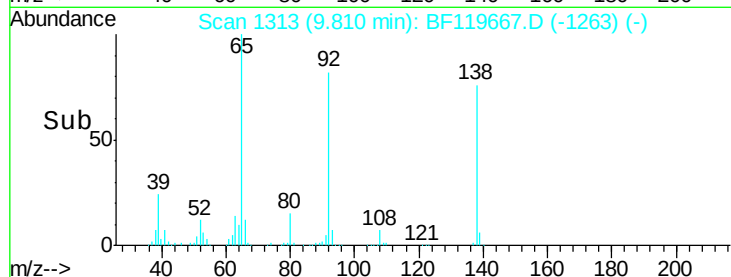
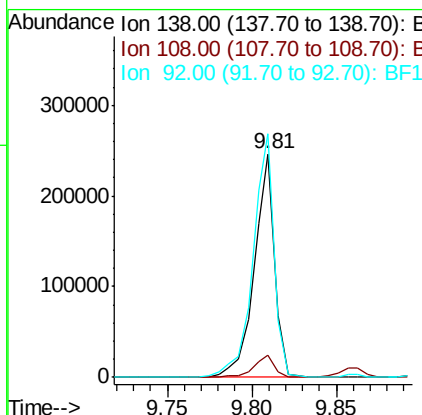
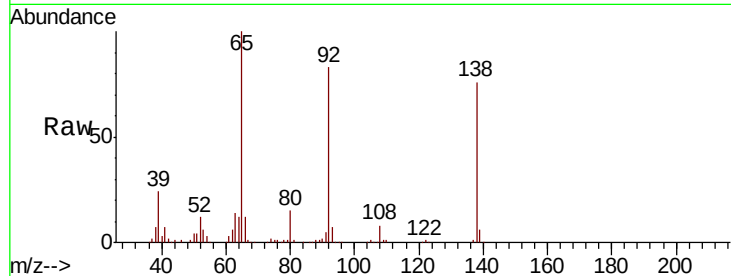
#53
3-Nitroaniline
Concen: 19.563 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	208386		
108	9.9	8.6	13.0	
92	108.8	95.4	143.0	

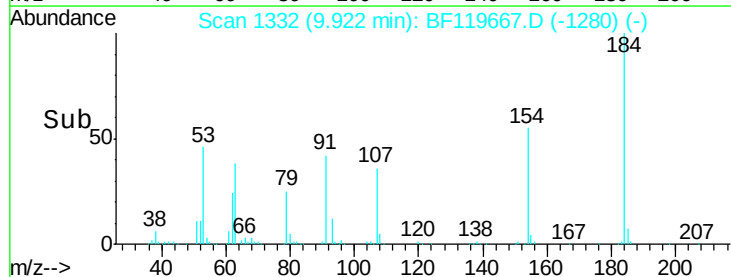
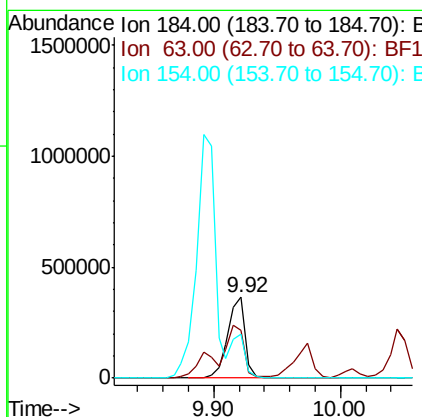
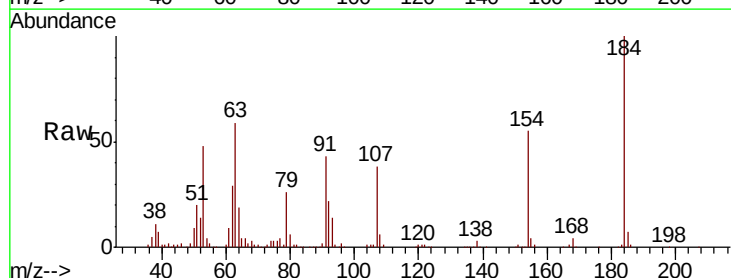
Manual Integrations
APPROVED

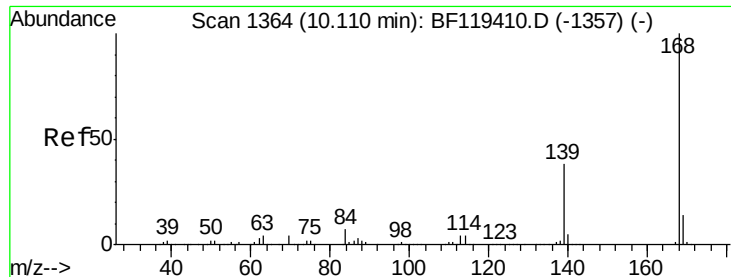
mohammad
4/3/2020 11:14:22 PM



#54
2,4-Dinitrophenol
Concen: 94.414 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	349963		
63	58.8	50.2	75.4	
154	55.0	44.5	66.7	





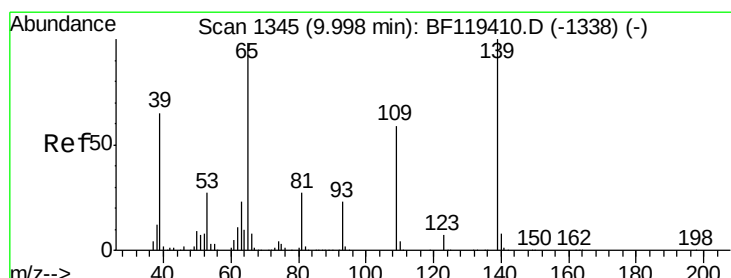
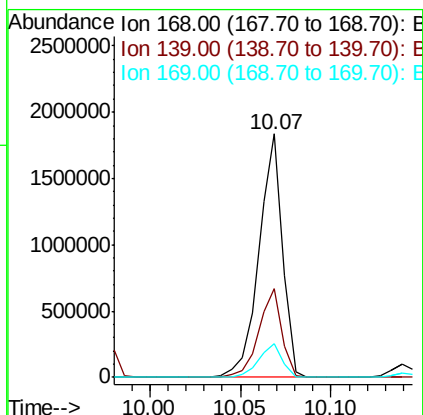
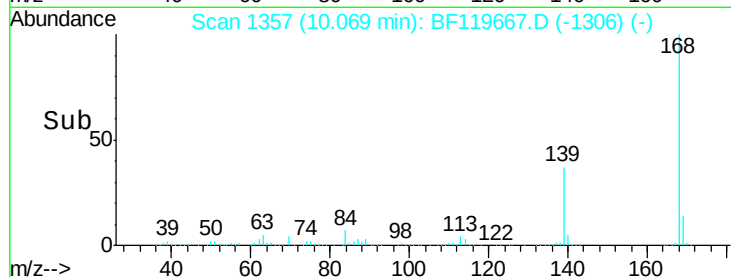
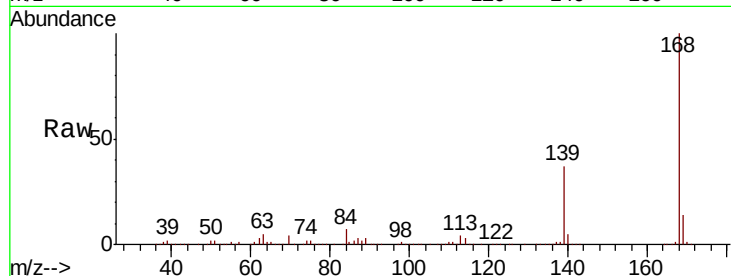
#55
Dibenzofuran
Concen: 33.266 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampled :
PB127920BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.7	11.0	16.6

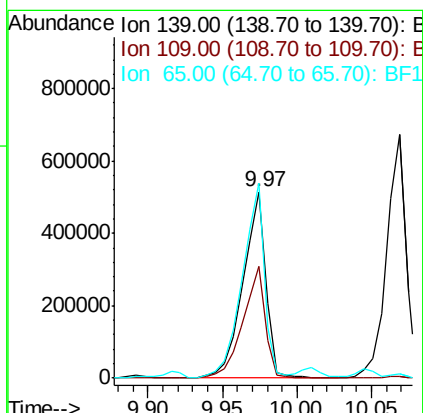
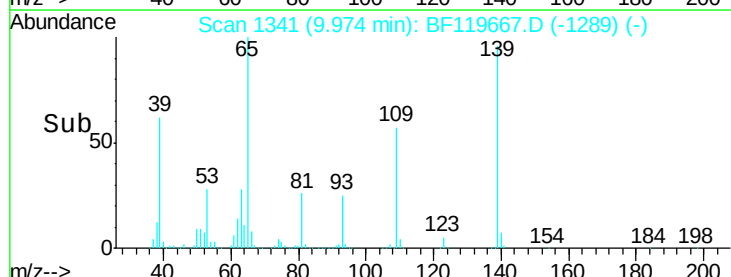
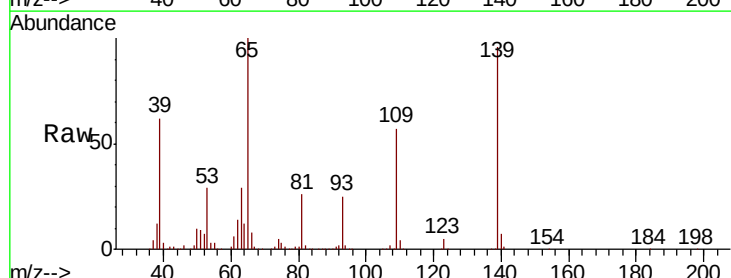
Manual Integrations
APPROVED

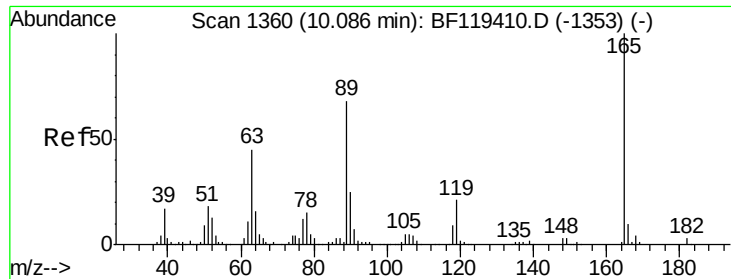
mohammad
4/3/2020 11:14:22 PM



#56
4-Nitrophenol
Concen: 65.270 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.8	43.3	83.3
65	104.5	91.0	131.0





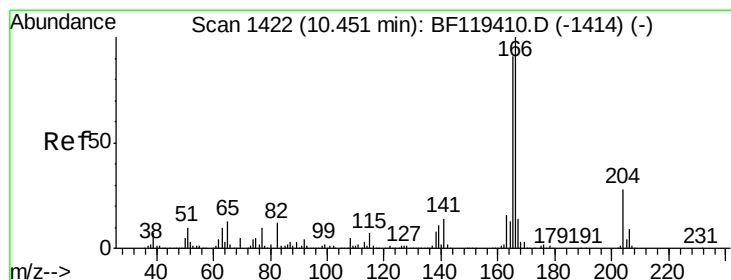
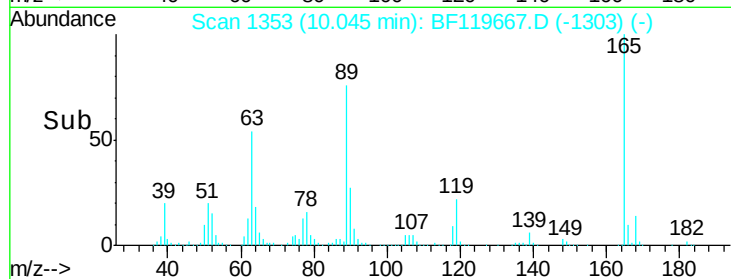
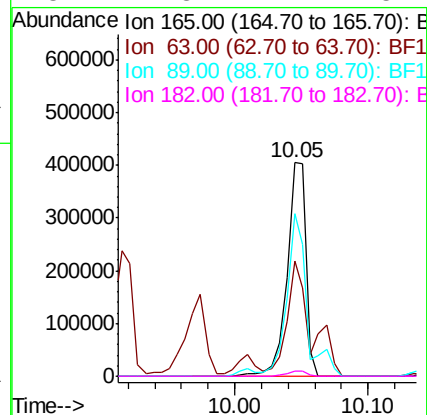
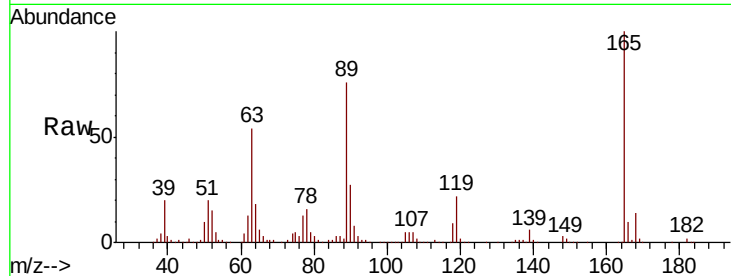
#57
2,4-Dinitrotoluene
Concen: 38.123 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	42.6	64.0
89	76.2	61.0	91.4
182	2.3	2.2	3.2

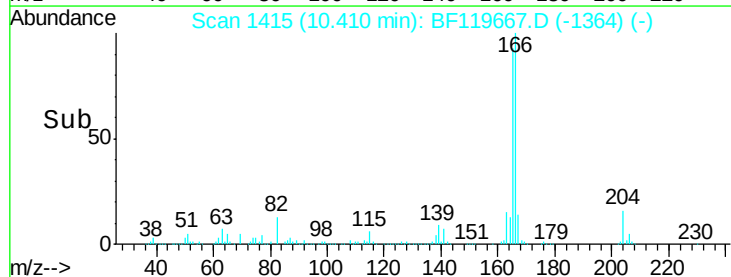
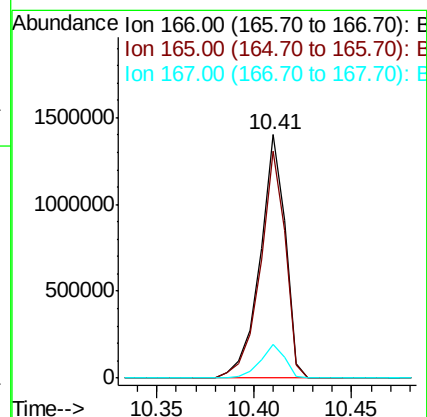
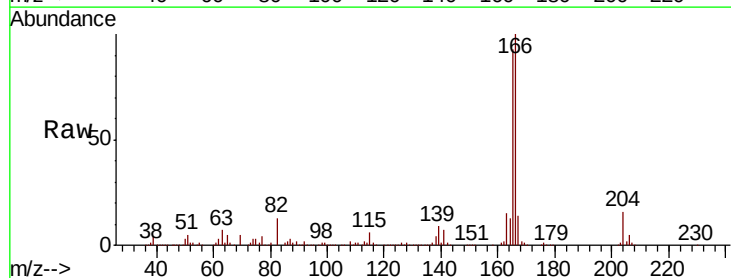
Manual Integrations
APPROVED

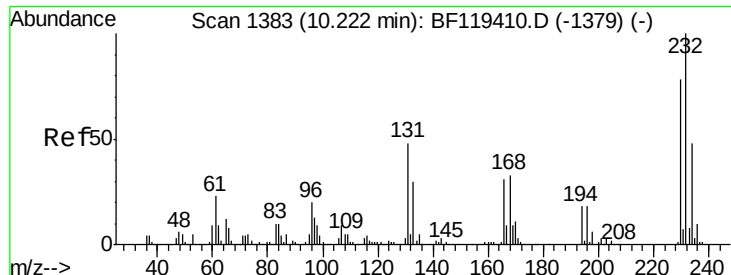
mohammad
4/3/2020 11:14:22 PM



#58
Fluorene
Concen: 34.140 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.4	113.2
167	14.0	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.230 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:232 Resp: 352657

Ion Ratio Lower Upper

232 100

131 45.0 37.5 56.3

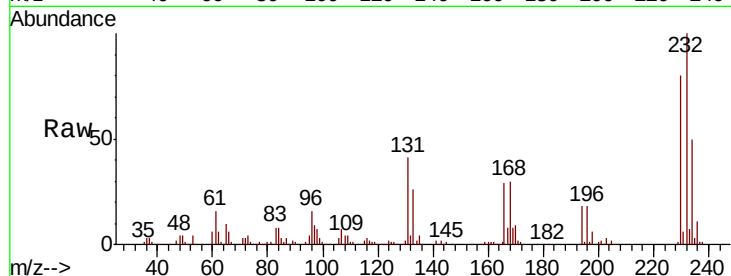
130 2.0 1.8 2.6

166 30.9 24.6 36.8

Manual Integrations
APPROVED

mohammad

4/3/2020 11:14:22 PM

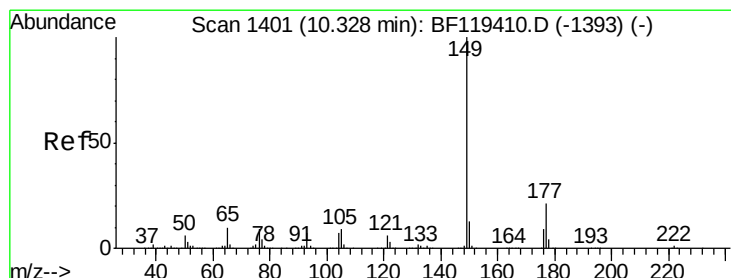
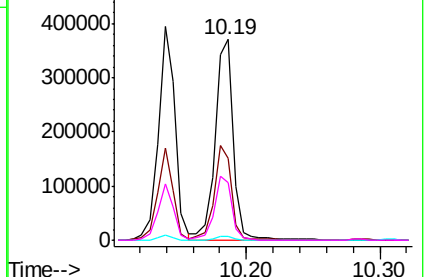
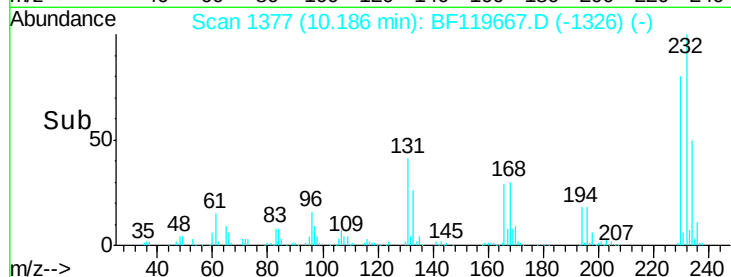


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.461 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

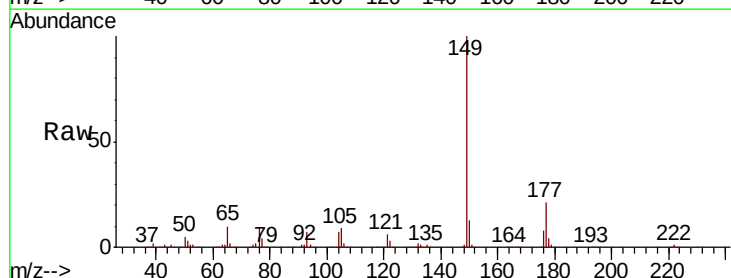
Tgt Ion:149 Resp: 1376796

Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

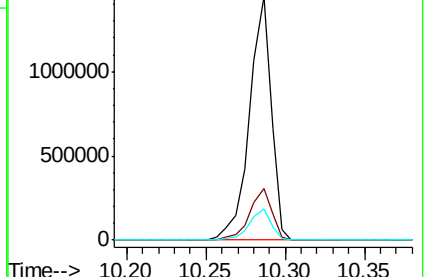
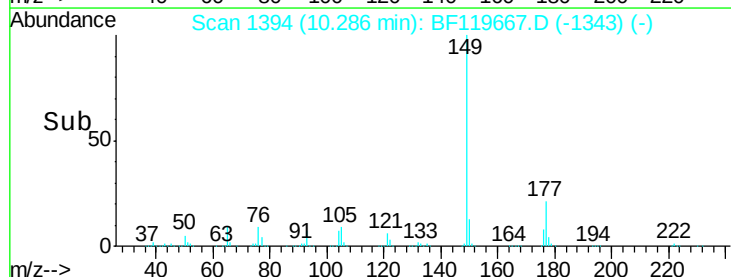
150 12.7 10.1 15.1

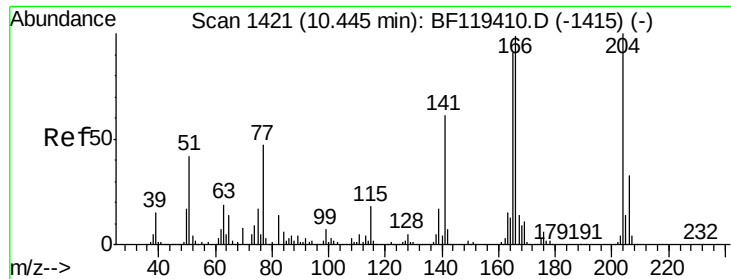


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





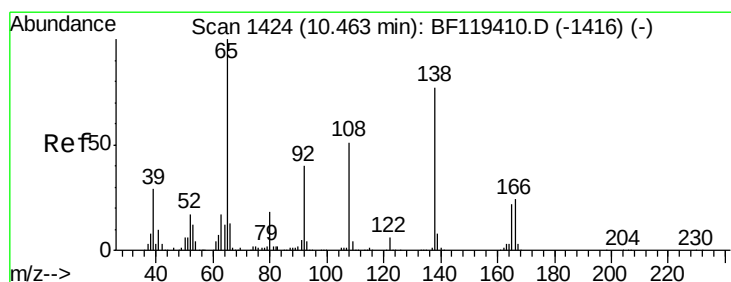
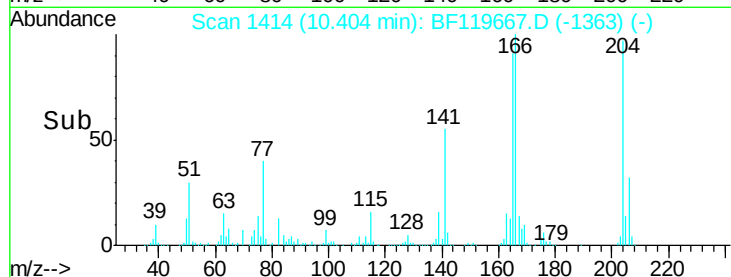
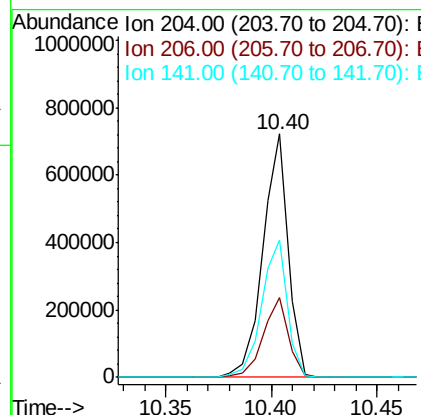
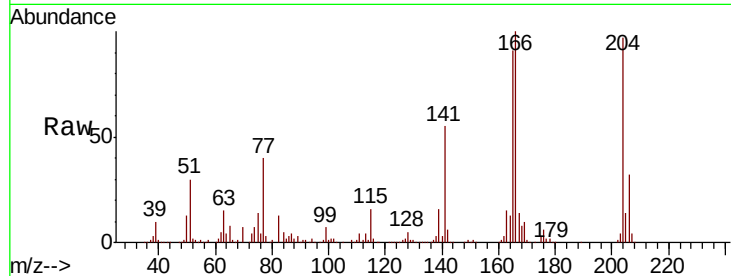
#61
 4-Chlorophenyl-phenylether
 Concen: 33.538 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:	204	Resp:	601858
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.7	40.1
141	56.5	47.3	70.9

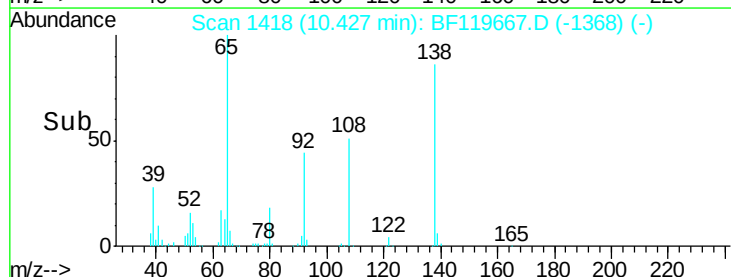
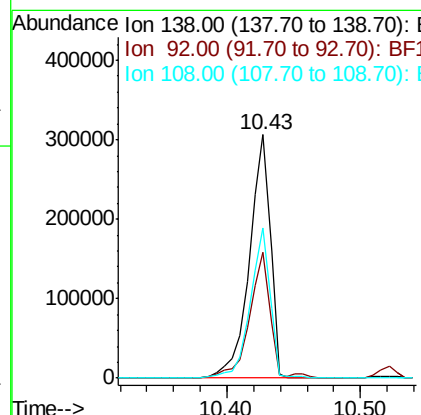
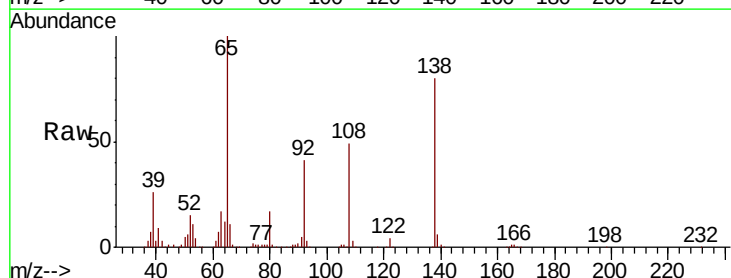
Manual Integrations
 APPROVED

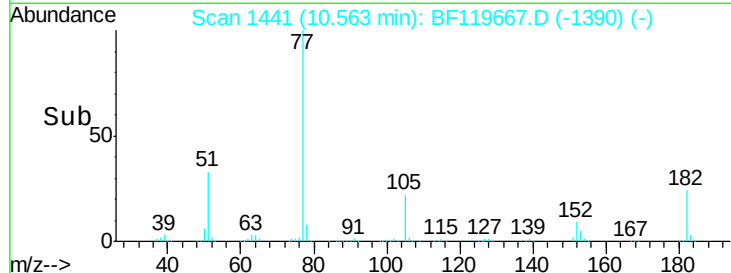
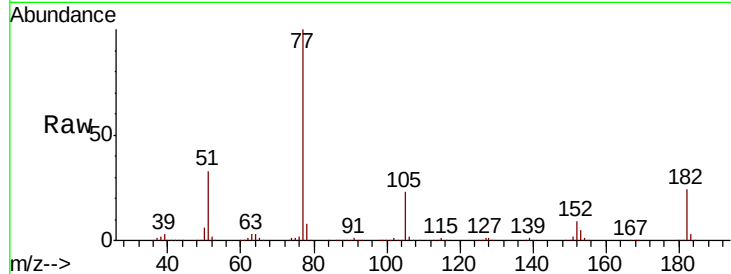
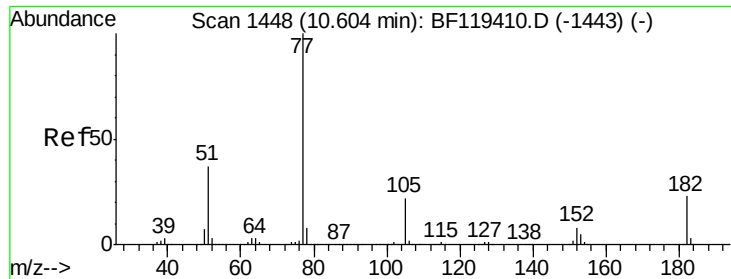
mohammad
 4/3/2020 11:14:22 PM



#62
 4-Nitroaniline
 Concen: 32.229 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:	138	Resp:	329217
Ion Ratio	Lower	Upper	
138	100		
92	51.5	31.5	71.5
108	61.8	45.8	85.8





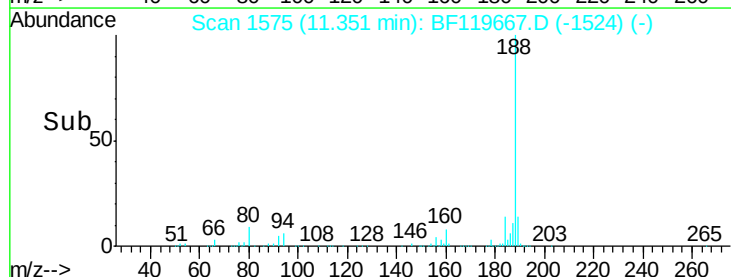
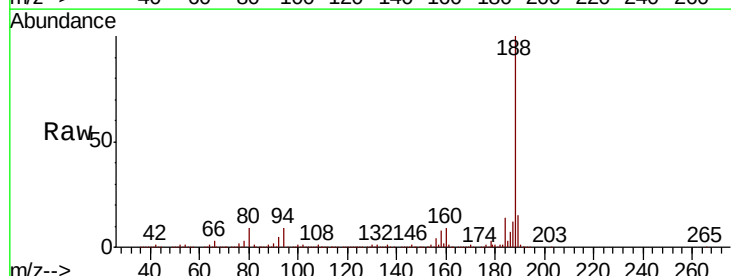
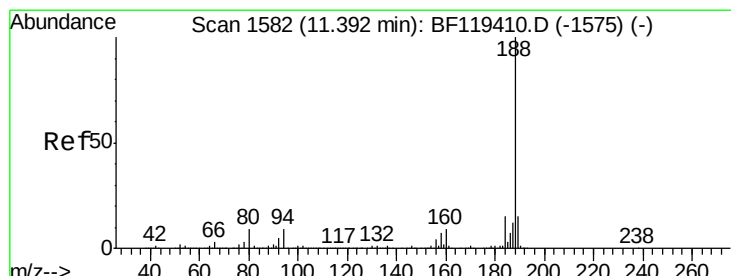
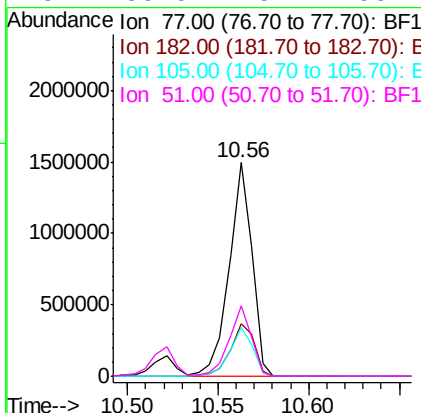
#63
Azobenzene
Concen: 32.784 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tot Ion: 77 Resp: 1318984
Ion Ratio Lower Upper
77 100
182 24.3 4.4 44.4
105 22.8 2.6 42.6
51 33.0 15.1 55.1

Instrument :
BNA_F
ClientSampleId :
PB127920BS

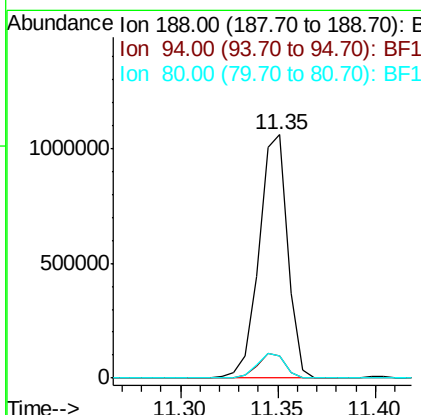
Manual Integrations
APPROVED

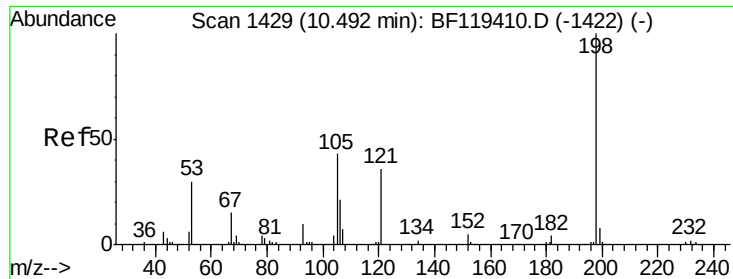
mohammad
4/3/2020 11:14:22 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion: 188 Resp: 1077058
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.1 9.0 13.4





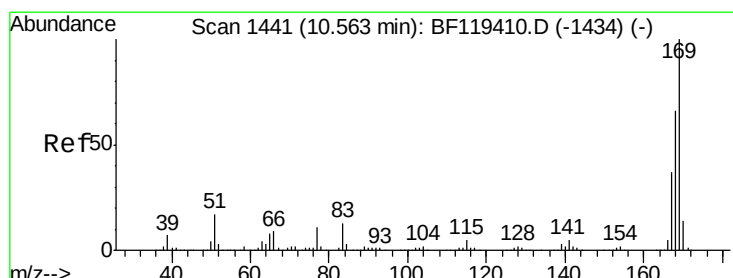
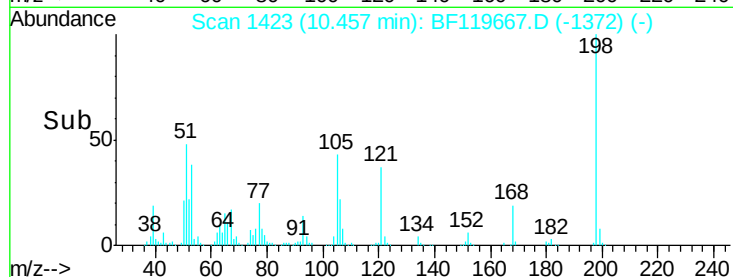
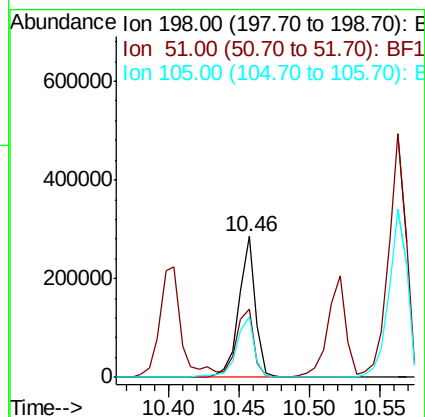
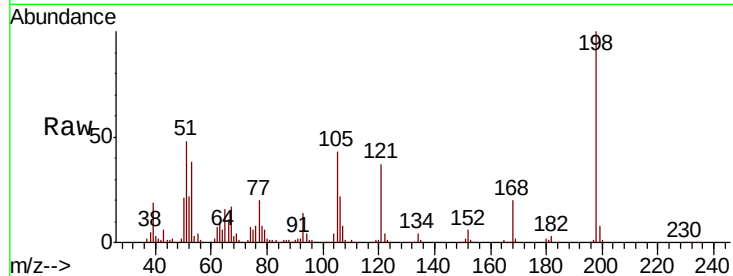
#65
4,6-Dinitro-2-methylphenol
Concen: 51.752 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	233733		
51	48.0	29.0	69.0	
105	43.0	22.2	62.2	

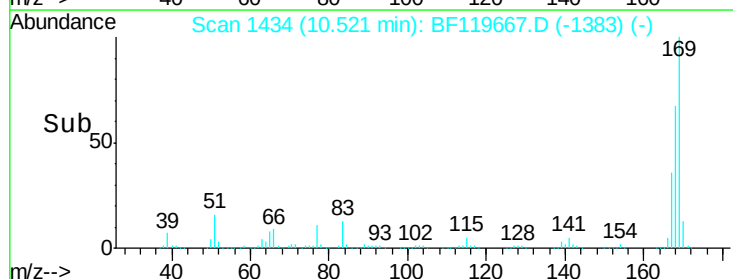
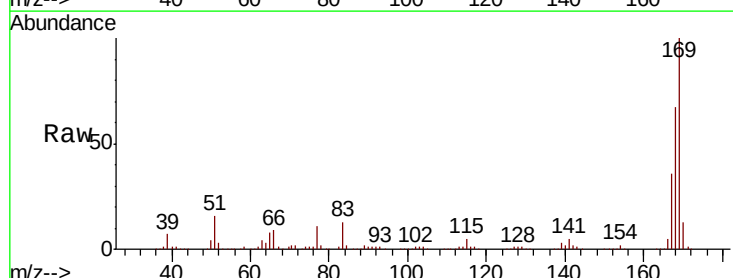
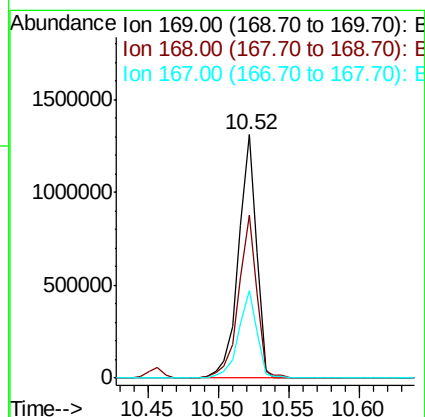
Manual Integrations
APPROVED

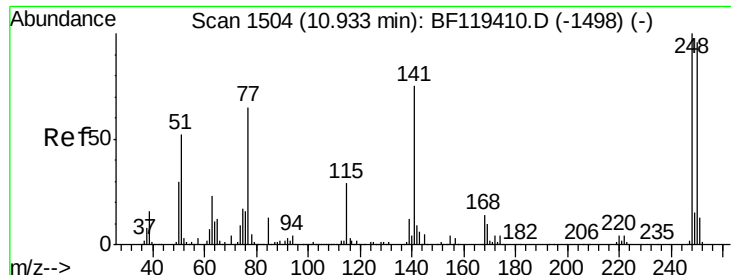
mohammad
4/3/2020 11:14:22 PM



#66
n-Nitrosodiphenylamine
Concen: 32.846 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1161367		
168	66.7	53.2	79.8	
167	35.8	29.1	43.7	





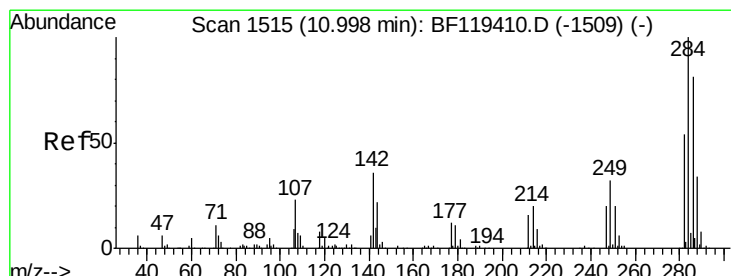
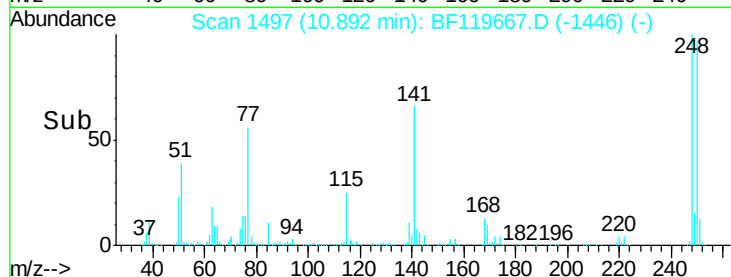
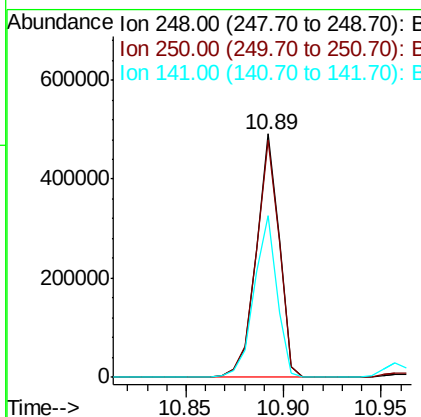
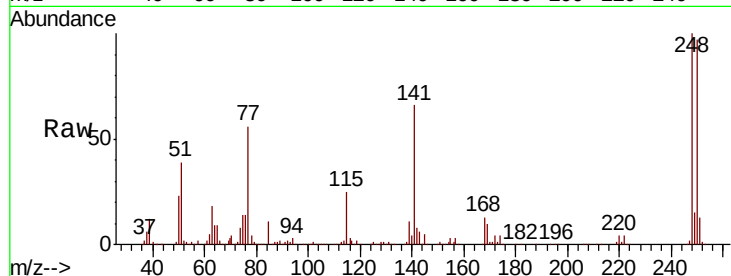
#67
 4-Bromophenyl-phenylether
 Concen: 32.522 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:	248	Resp:	398929
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.3	115.9
141	66.3	58.6	87.8

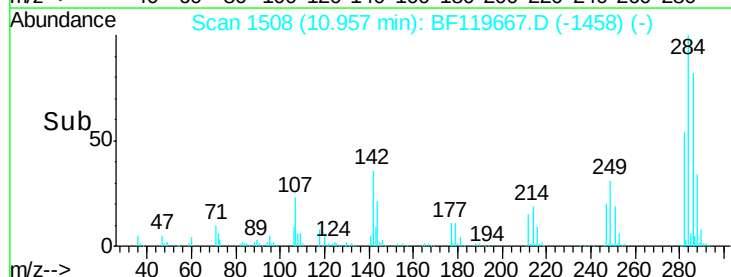
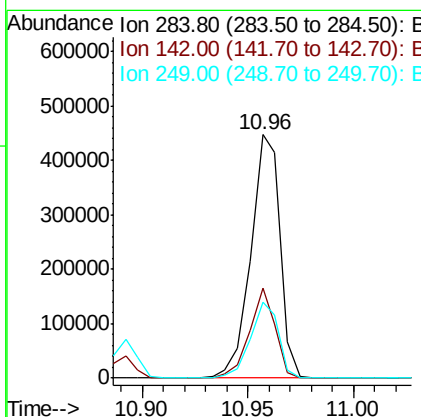
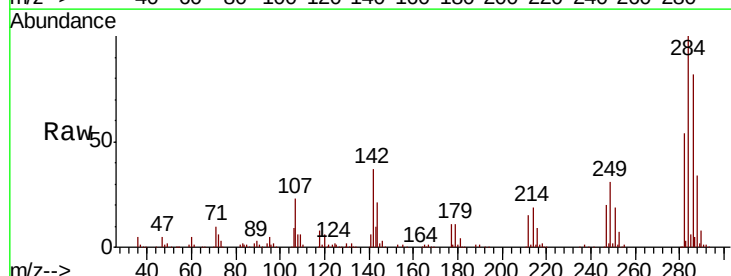
Manual Integrations
 APPROVED

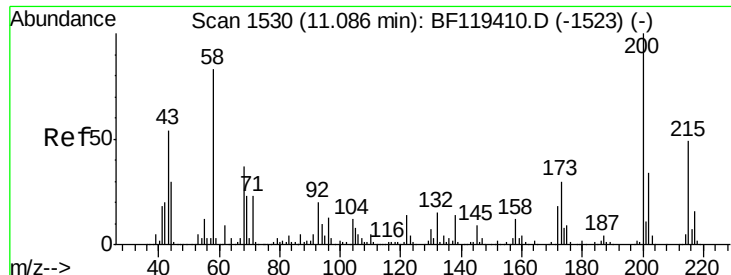
mohammad
 4/3/2020 11:14:22 PM



#68
 Hexachlorobenzene
 Concen: 34.289 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:	284	Resp:	430478
Ion Ratio	Lower	Upper	
284	100		
142	36.7	29.2	43.8
249	31.1	25.1	37.7





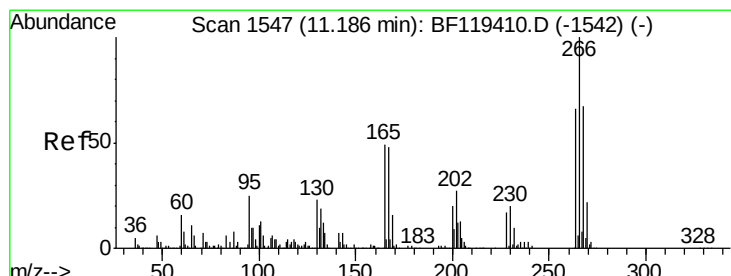
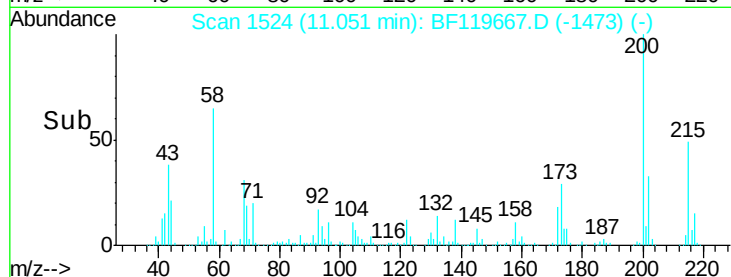
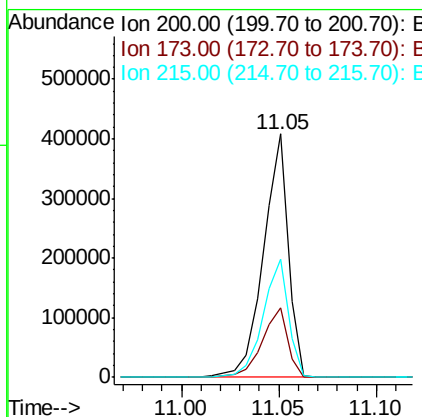
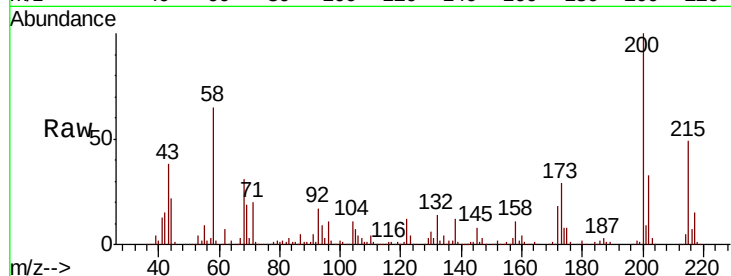
#69
Atrazine
Concen: 37.158 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	9.3	49.3
215	48.7	29.5	69.5

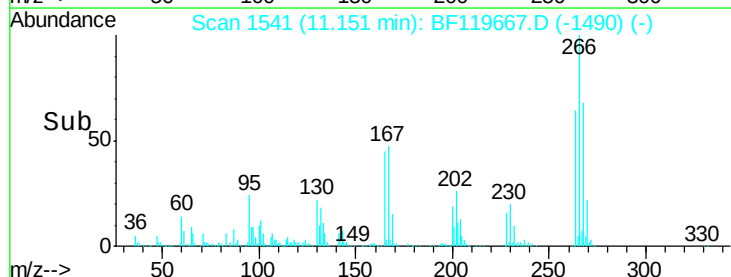
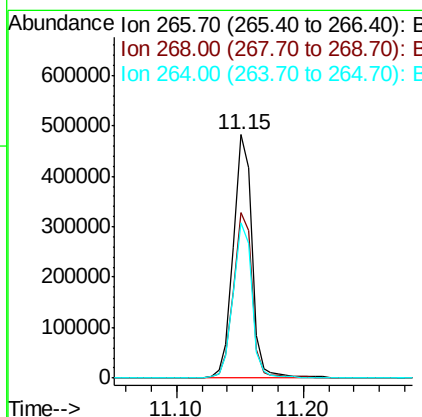
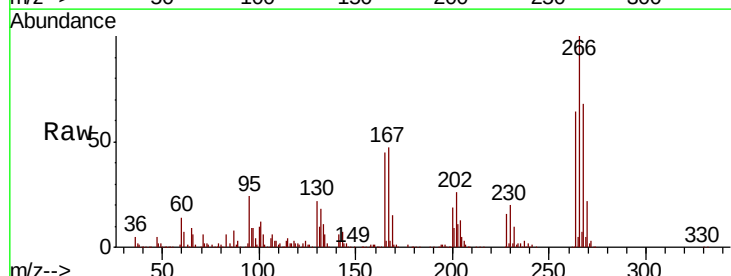
Manual Integrations
APPROVED

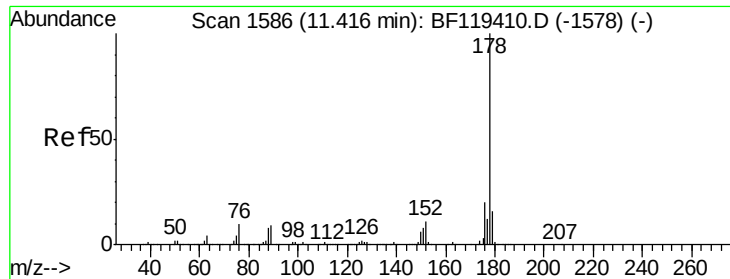
mohammad
4/3/2020 11:14:22 PM



#70
Pentachlorophenol
Concen: 66.742 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	53.3	79.9
264	63.9	49.0	73.4





#71

Phenanthrene

Concen: 32.872 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:178 Resp: 1835868

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

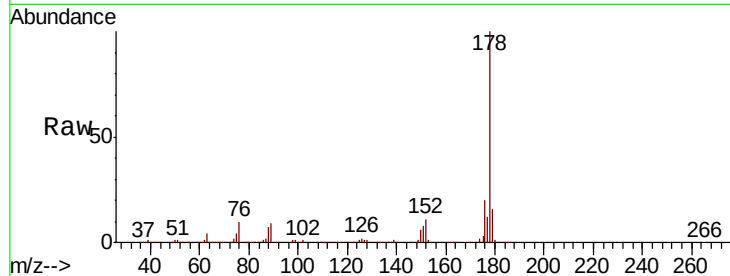
179 16.4 13.2 19.8

Manual Integrations

APPROVED

mohammad

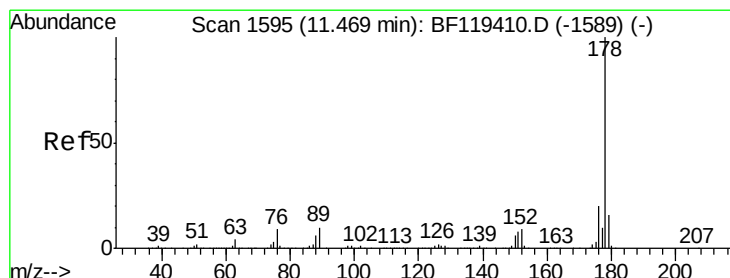
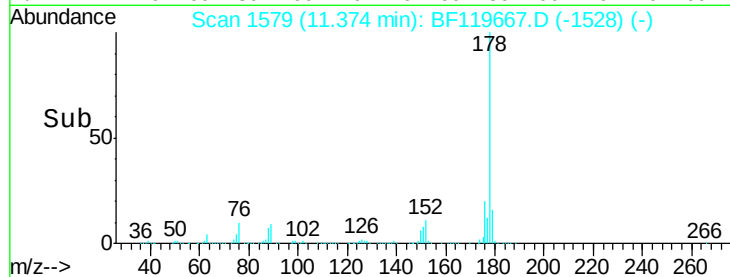
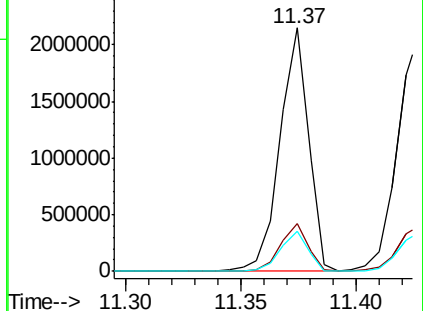
4/3/2020 11:14:22 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.769 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:178 Resp: 1916778

Ion Ratio Lower Upper

178 100

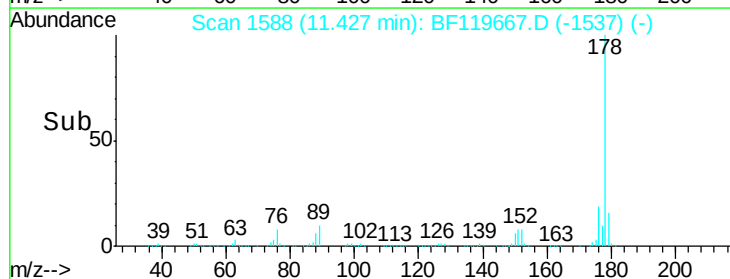
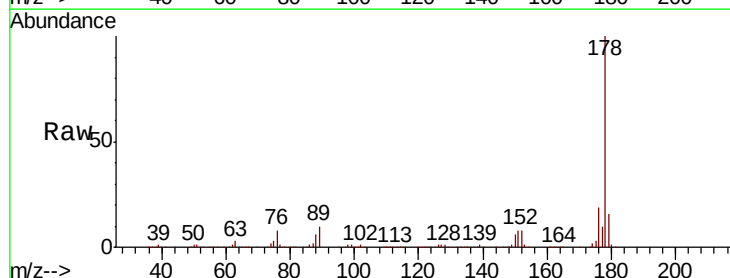
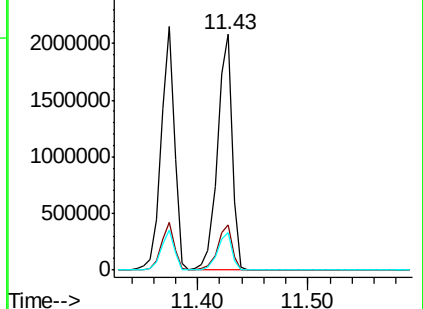
176 19.2 16.1 24.1

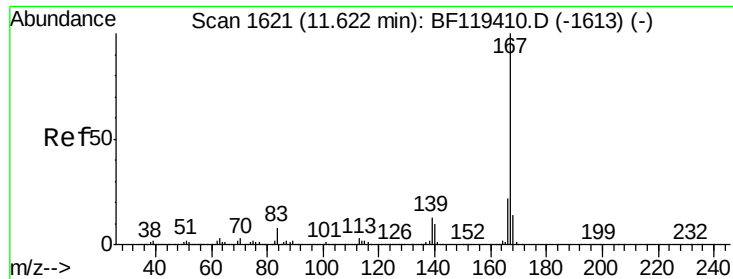
179 16.0 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





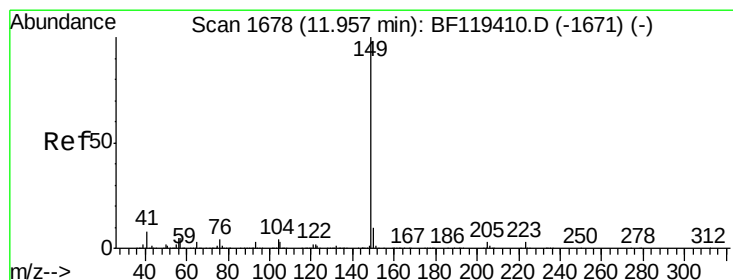
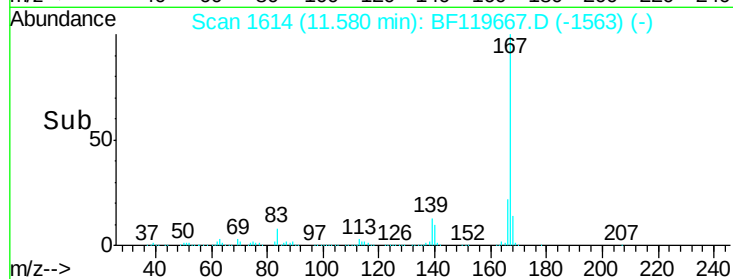
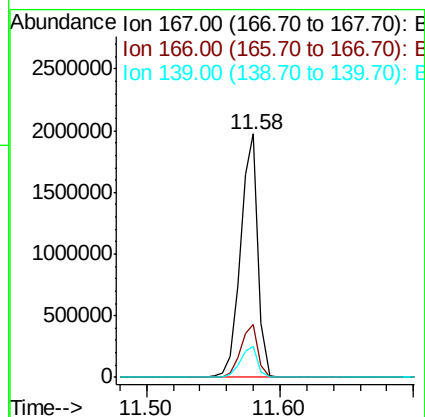
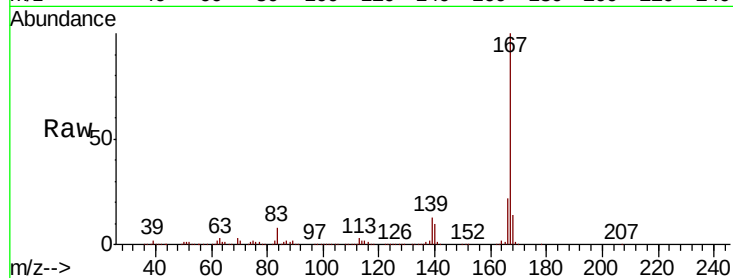
#73
 Carbazole
 Concen: 31.658 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:167 Resp: 1778636
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.4
 139 12.7 10.7 16.1

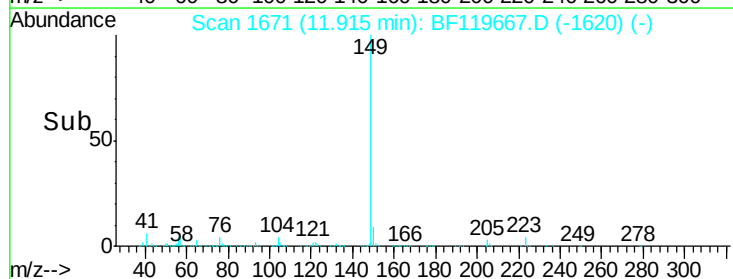
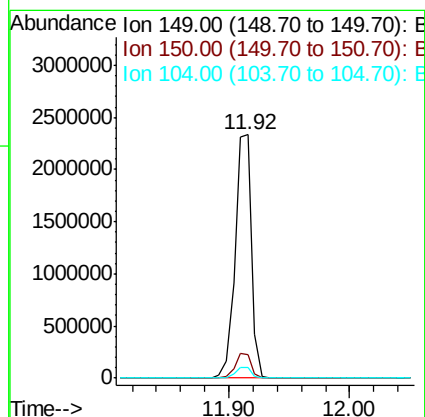
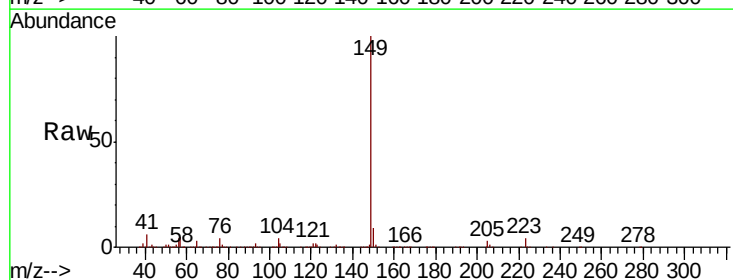
Manual Integrations
 APPROVED

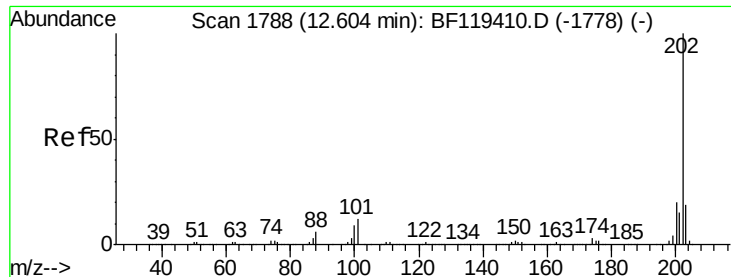
mohammad
 4/3/2020 11:14:22 PM



#74
 Di-n-butylphthalate
 Concen: 36.364 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:149 Resp: 2185452
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.2 3.6 5.4





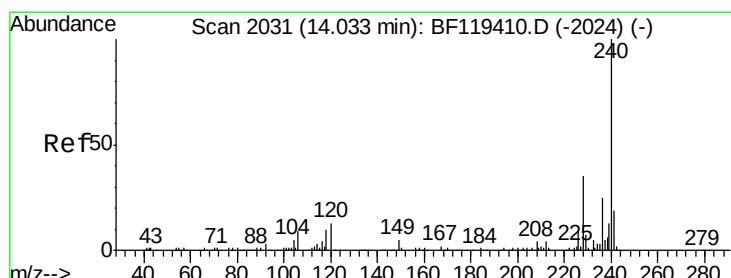
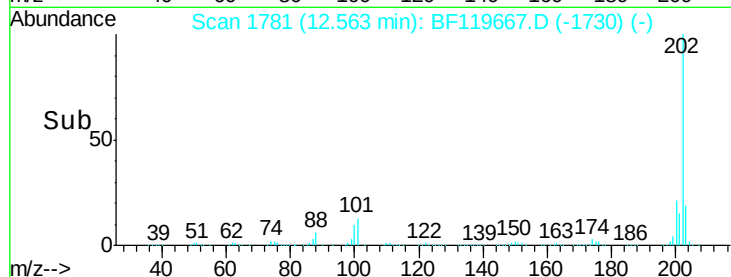
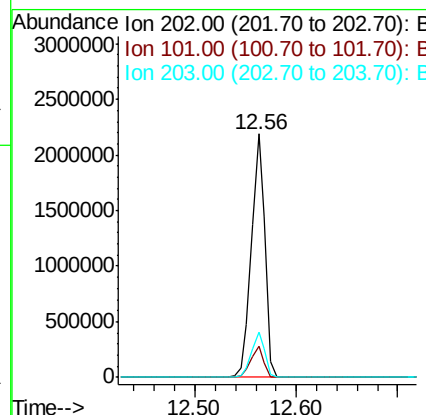
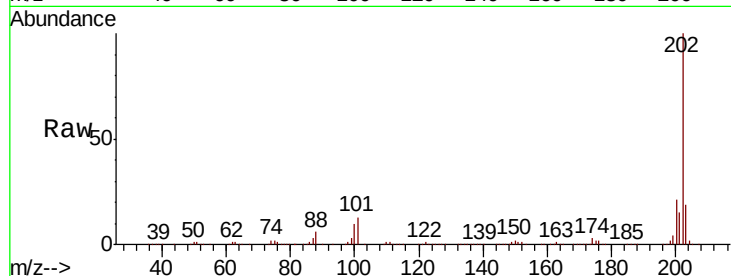
#75
Fluoranthene
Concen: 33.647 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.2
203	18.5	0.0	38.8

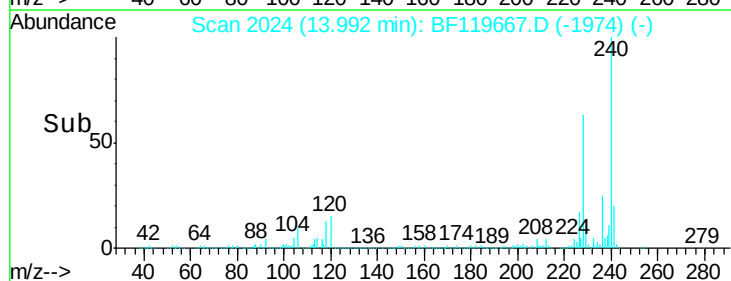
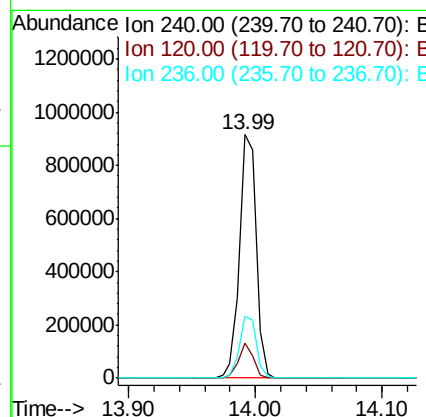
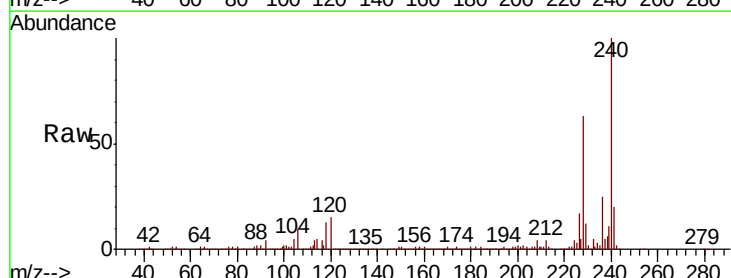
Manual Integrations
APPROVED

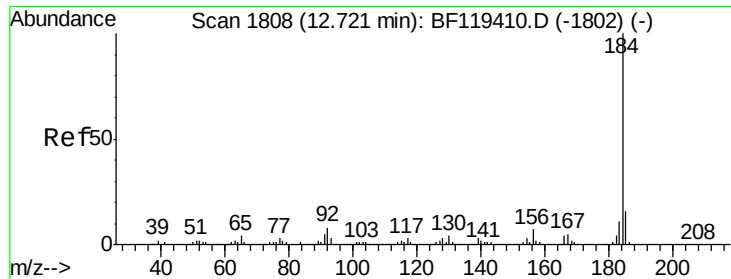
mohammad
4/3/2020 11:14:22 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	10.6	15.8
236	25.4	20.2	30.2





#77

Benzidine

Concen: 35.983 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:184 Resp: 1257756

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

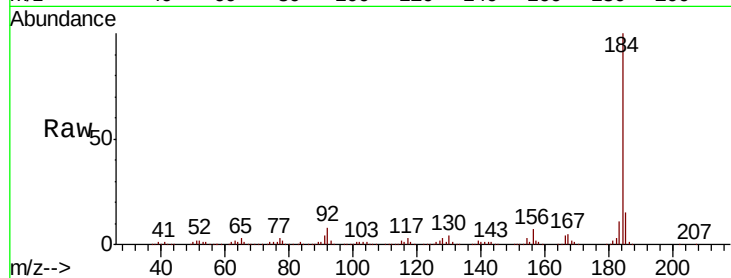
183 11.0 9.0 13.6

Manual Integrations

APPROVED

mohammad

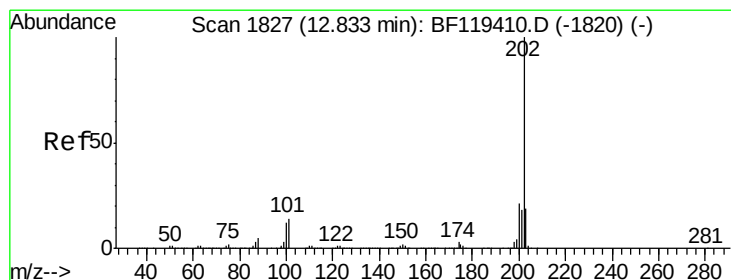
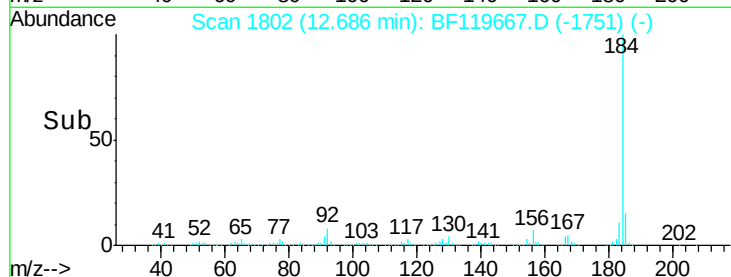
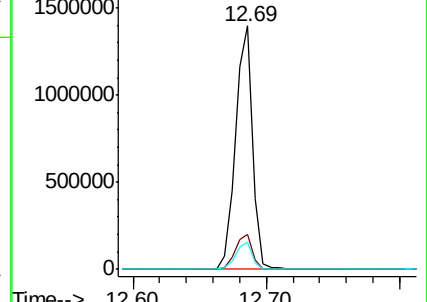
4/3/2020 11:14:22 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 30.694 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

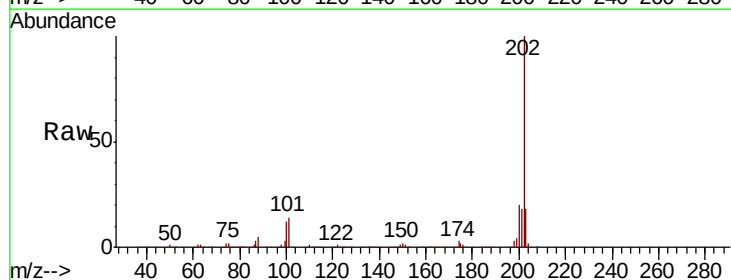
Tgt Ion:202 Resp: 2080587

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

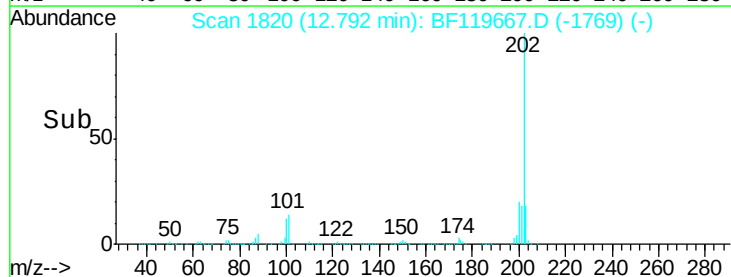
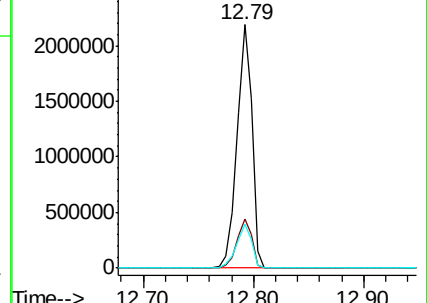
203 18.2 15.1 22.7

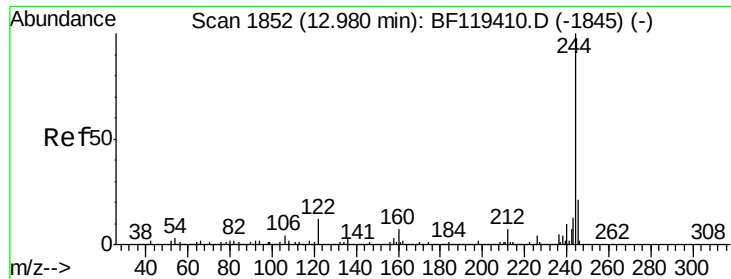


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





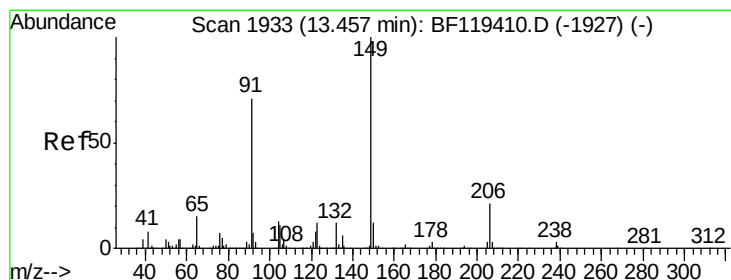
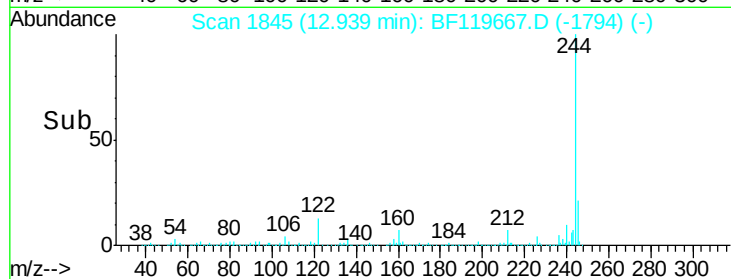
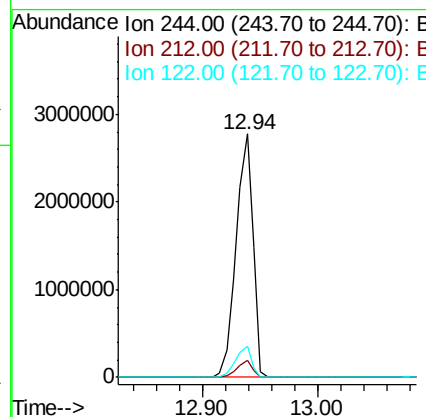
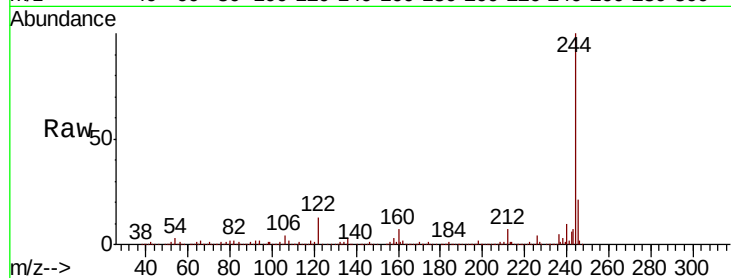
#79
 Terphenyl-d14
 Concen: 66.734 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.6	10.3	15.5

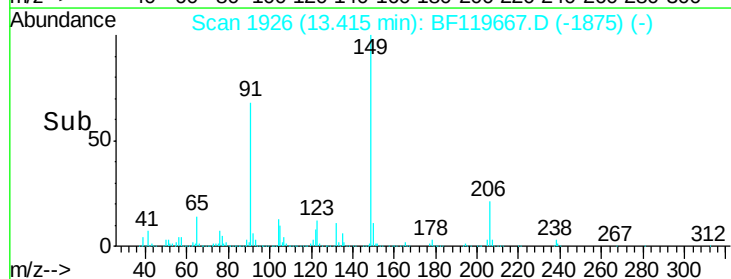
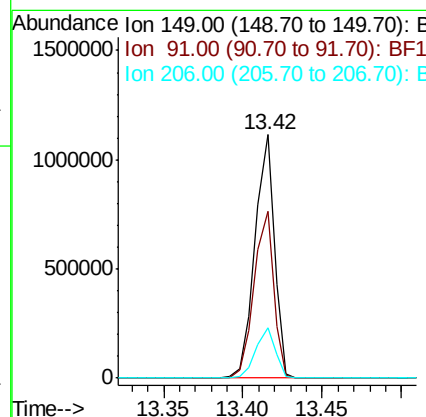
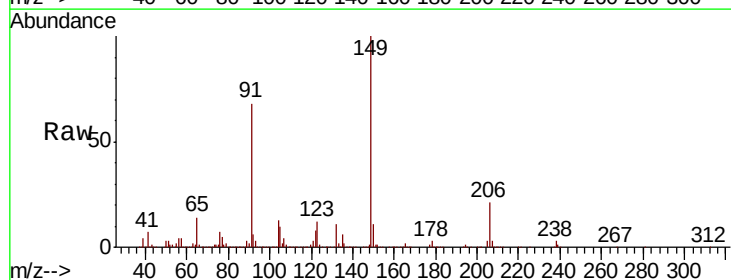
Manual Integrations
 APPROVED

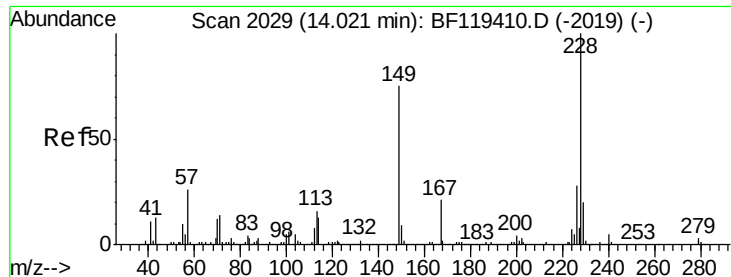
mohammad
 4/3/2020 11:14:22 PM



#80
 Butylbenzylphthalate
 Concen: 34.762 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.7	82.1
206	20.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 31.367 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:228 Resp: 1684740

Ion Ratio Lower Upper

228 100

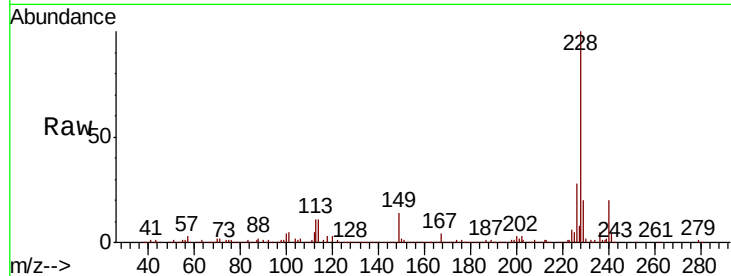
226 27.6 21.8 32.8

229 19.9 16.2 24.4

Manual Integrations
APPROVED

mohammad

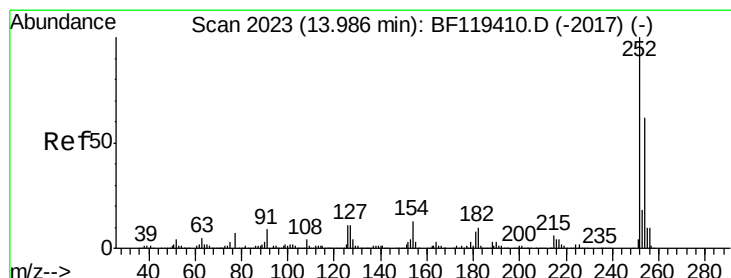
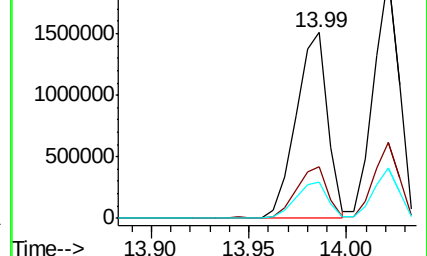
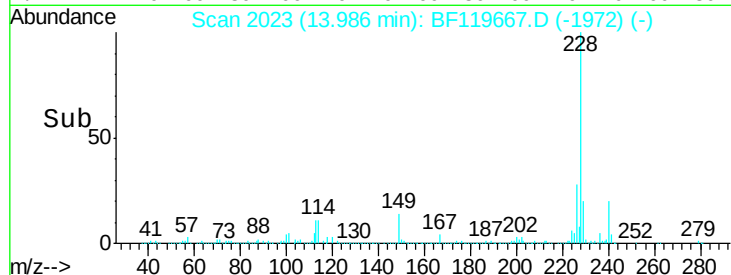
4/3/2020 11:14:22 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.561 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

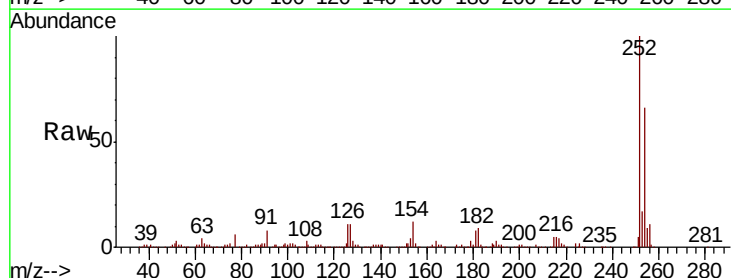
Tgt Ion:252 Resp: 414253

Ion Ratio Lower Upper

252 100

254 65.7 51.2 76.8

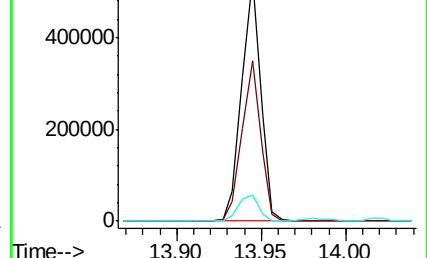
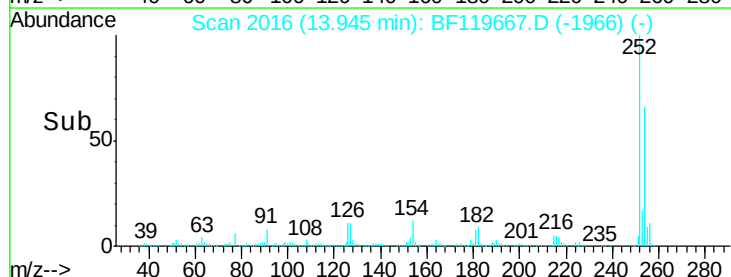
126 10.8 9.6 14.4

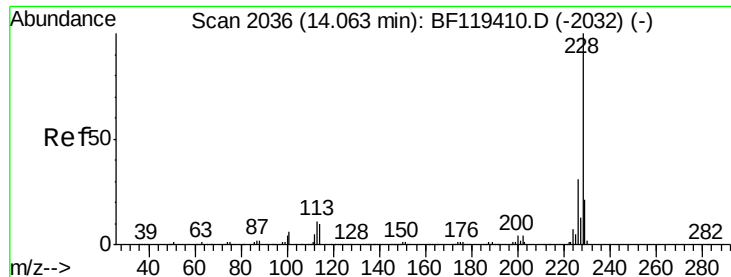


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





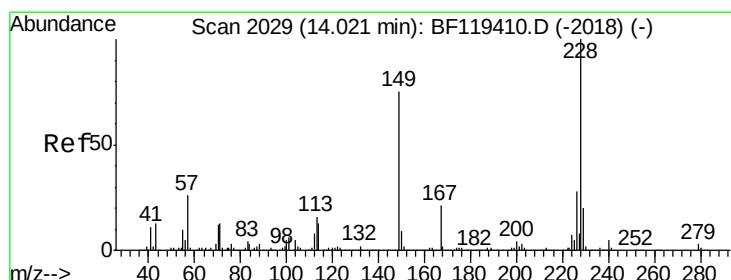
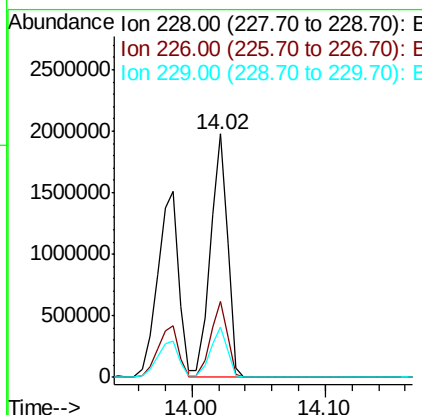
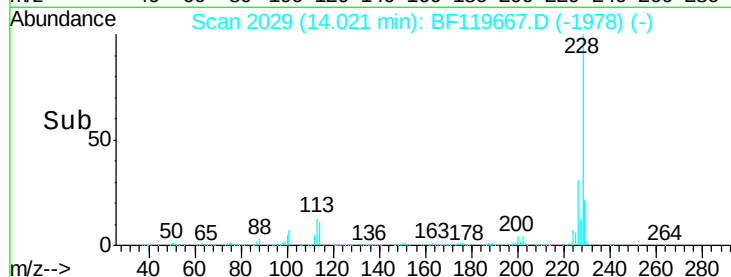
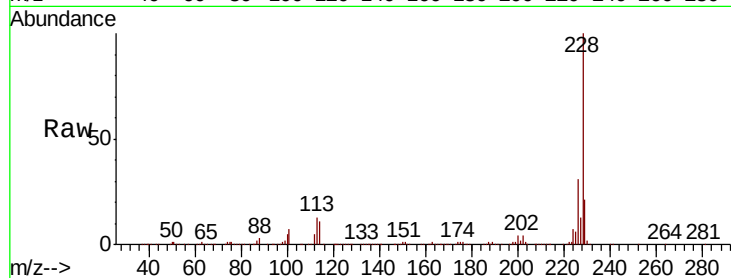
#83
 Chrysene
 Concen: 32.048 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.6	16.6	24.8

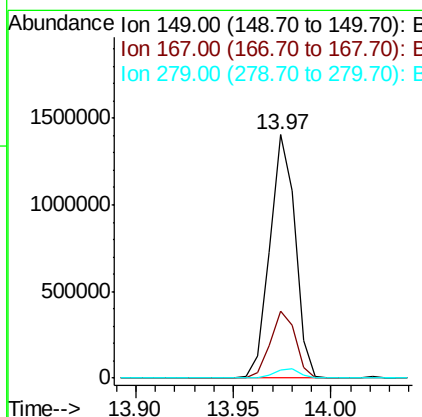
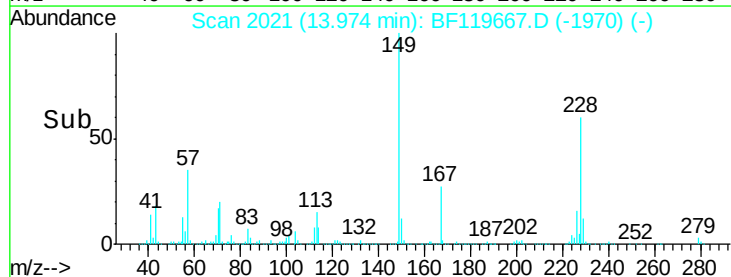
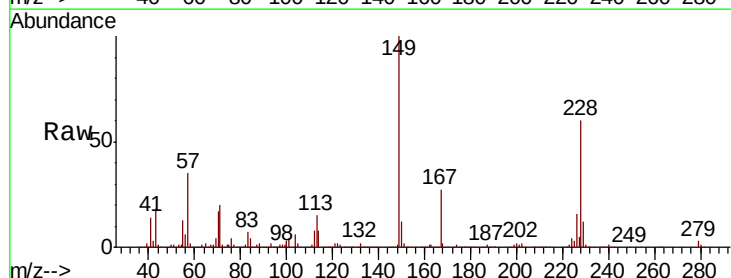
Manual Integrations
 APPROVED

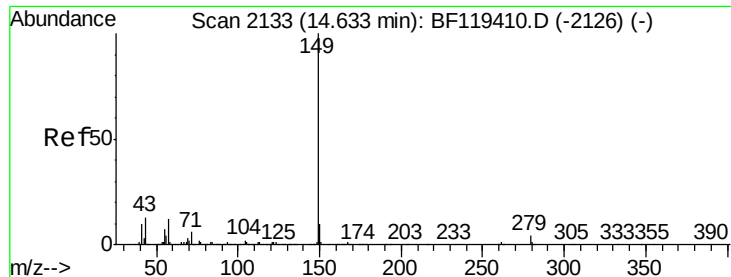
mohammad
 4/3/2020 11:14:22 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.782 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.5	2.7	4.1





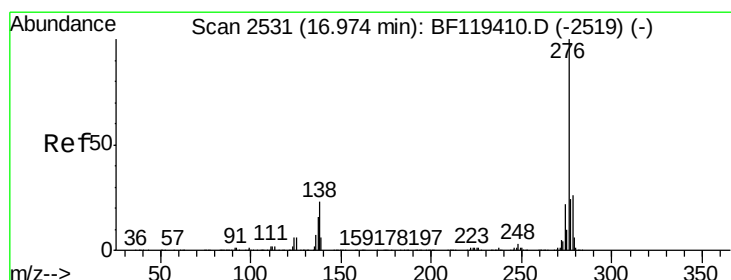
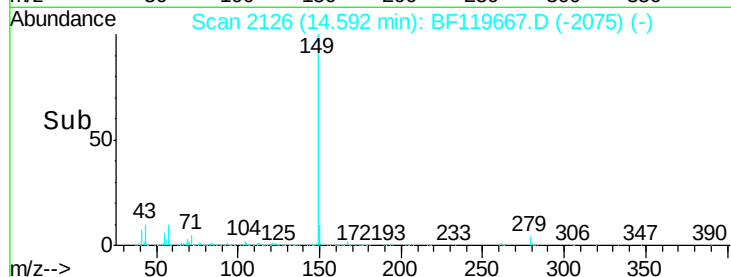
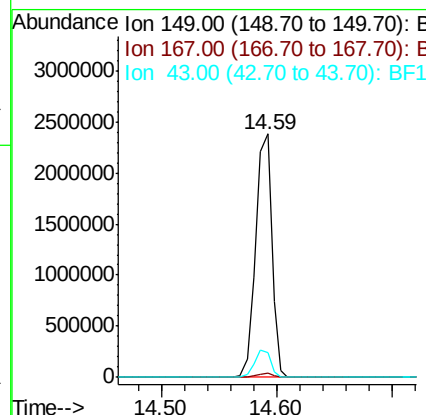
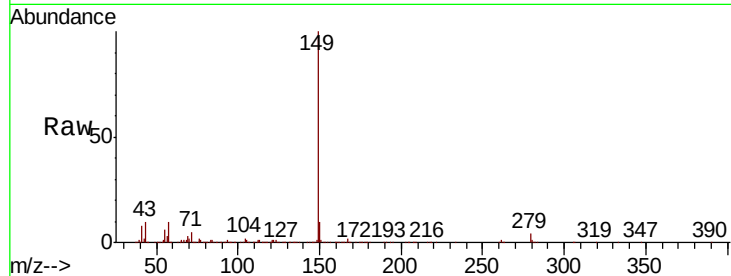
#85
Di-n-octyl phthalate
Concen: 40.542 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	9.3	13.9

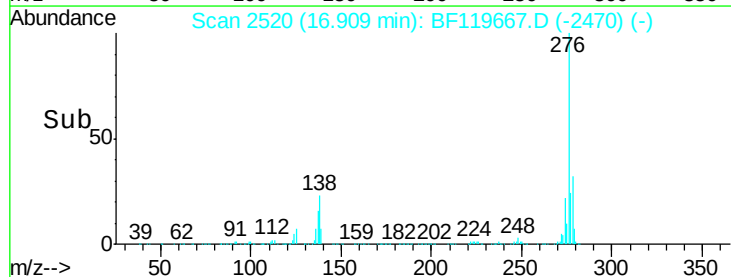
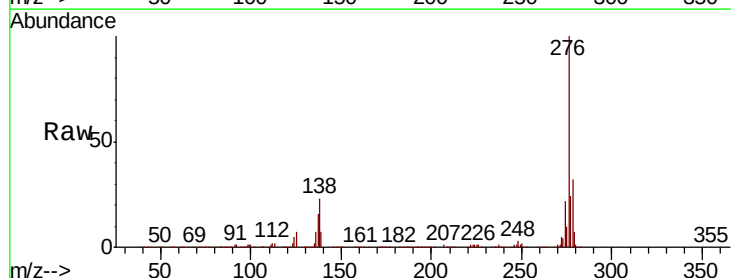
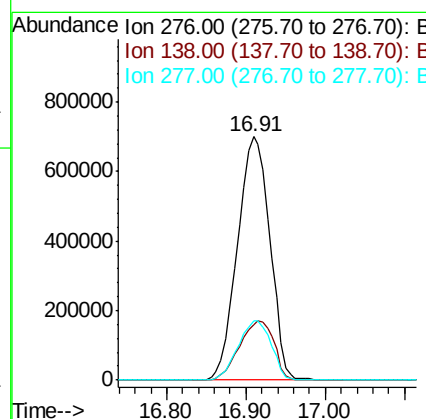
Manual Integrations
APPROVED

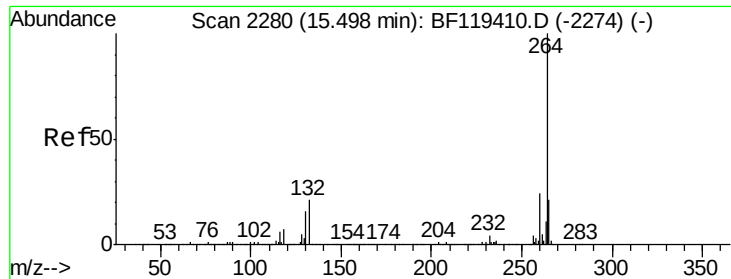
mohammad
4/3/2020 11:14:22 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.056 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.6	29.4
277	25.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

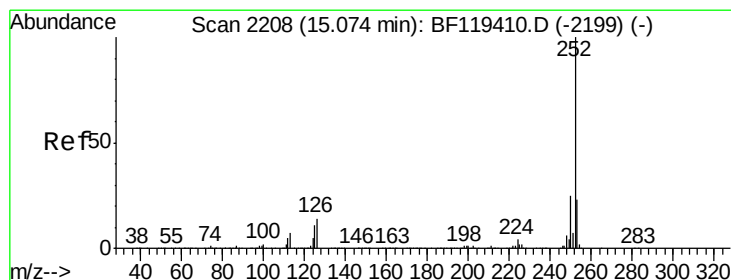
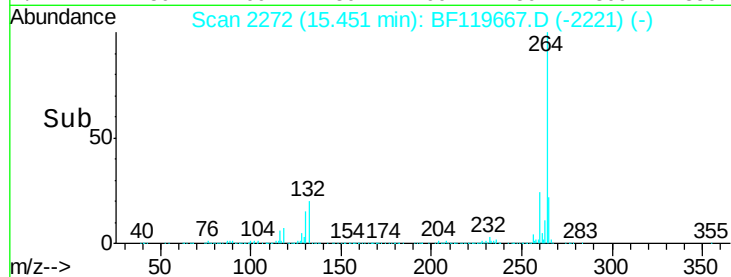
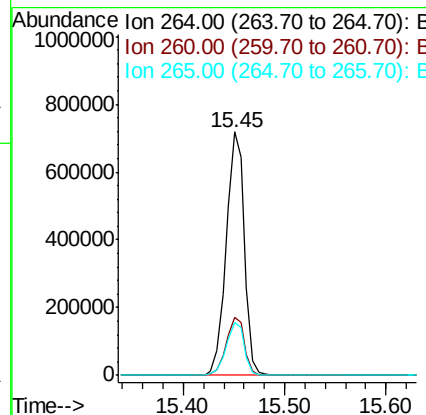
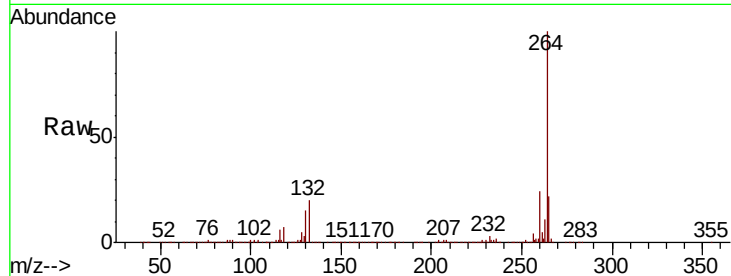
ClientSampleId :

PB127920BS

Tot Ion:	264	Resp:	886242
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	21.8	17.7	26.5

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:22 PM



#88

Benzo(b)fluoranthene

Concen: 33.729 ng

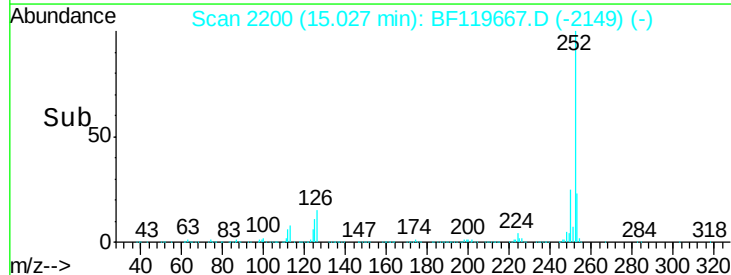
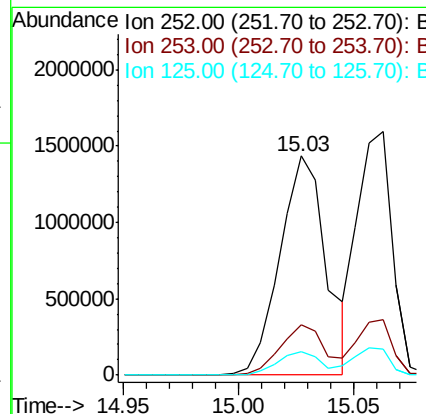
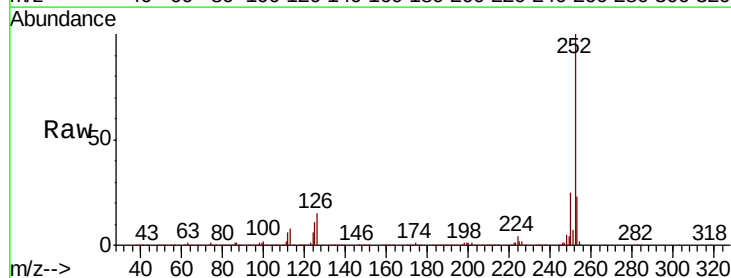
RT: 15.03 min Scan# 2200

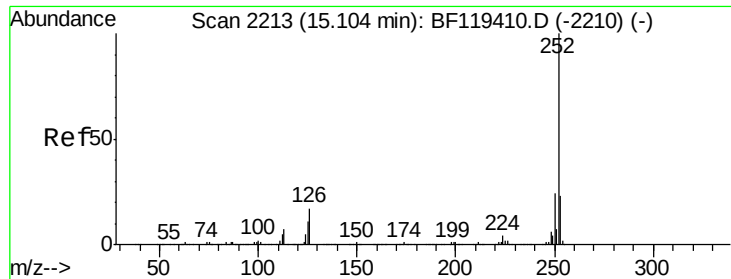
Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:	252	Resp:	1996770
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	11.0	7.9	11.9





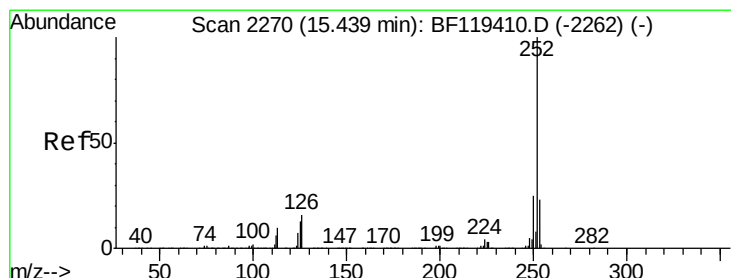
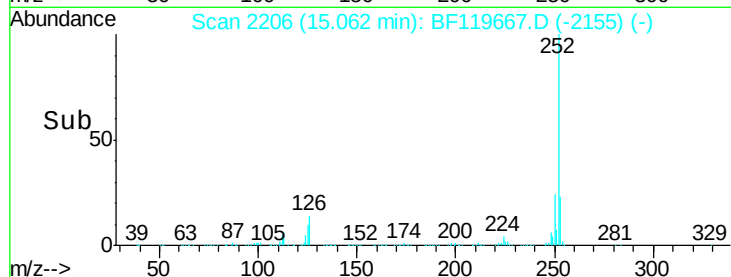
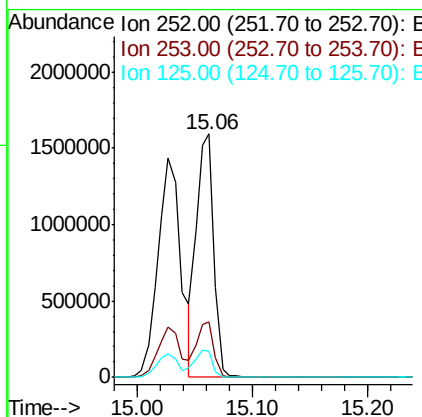
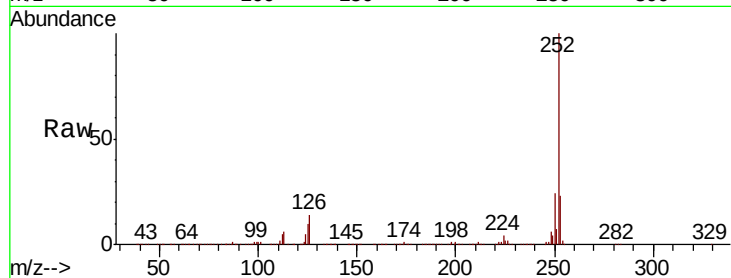
#89
Benzo(k)fluoranthene
Concen: 29.873 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.4	8.4	12.6

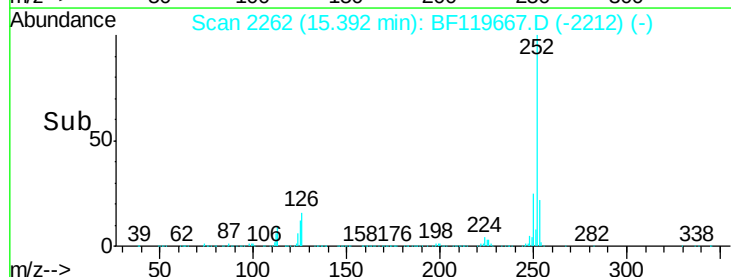
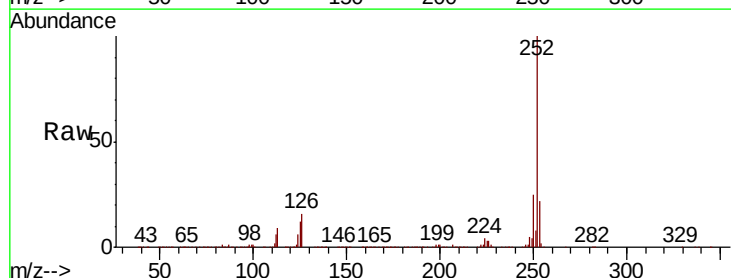
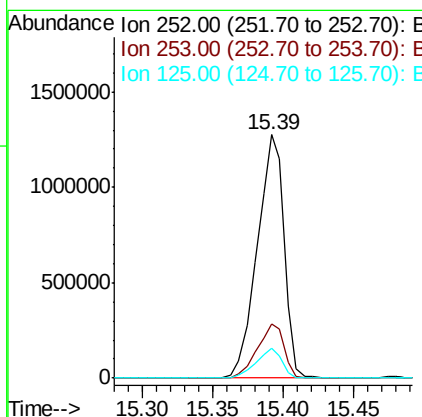
Manual Integrations
APPROVED

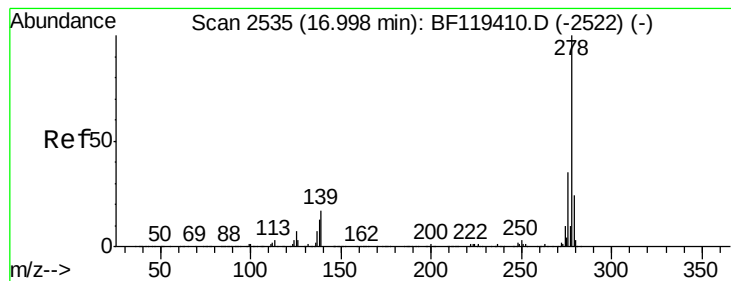
mohammad
4/3/2020 11:14:22 PM



#90
Benzo(a)pyrene
Concen: 31.809 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.3	9.4	14.2





#91

Dibenzo(a,h)anthracene

Concen: 34.607 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:278 Resp: 1628541

Ion Ratio Lower Upper

278 100

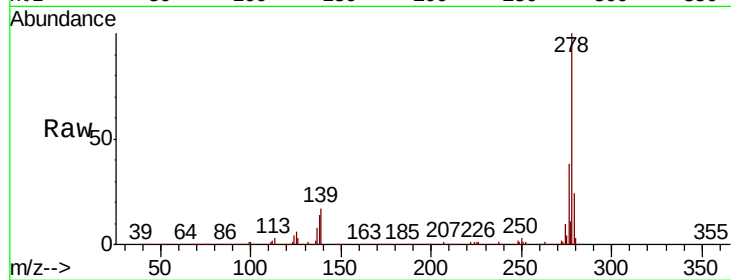
139 16.9 12.6 19.0

279 24.3 19.0 28.6

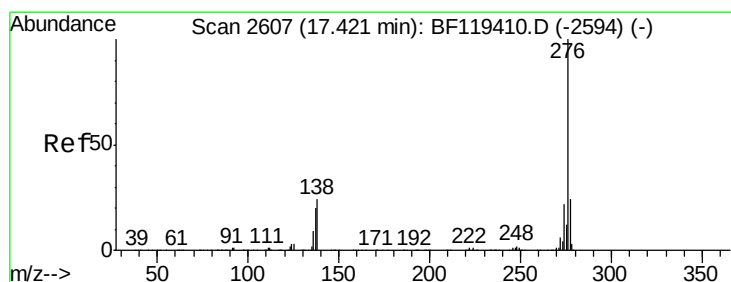
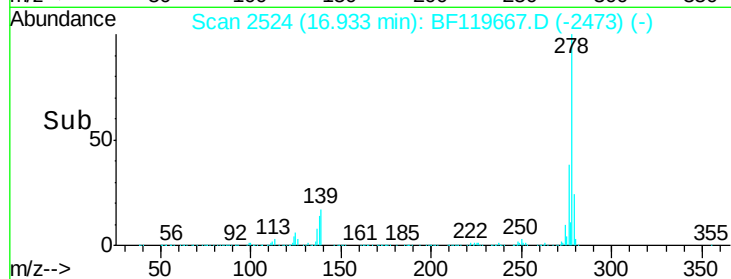
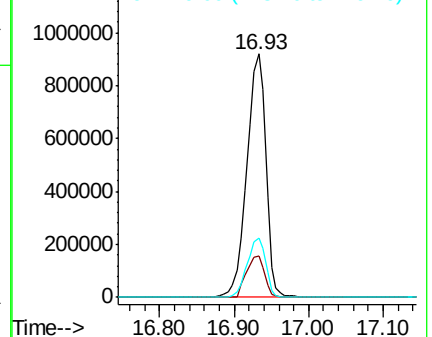
Manual Integrations
APPROVED

mohammad

4/3/2020 11:14:22 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.030 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

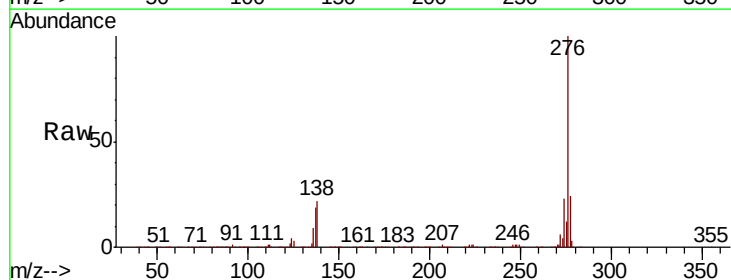
Tgt Ion:276 Resp: 1608782

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 22.1 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

