

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121184.D
 Acq On : 5 Aug 2020 9:52
 Operator : JU/CG
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:20:52 PM

Quant Time: Aug 05 11:27:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142753	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	521210	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	266260	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	497545	20.00	ng	0.00
76) Chrysene-d12	13.97	240	389537	20.00	ng	0.00
86) Perylene-d12	15.42	264	364538	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	677085	77.76	ng	-0.01
7) Phenol-d6	6.44	99	864290	76.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	730632	81.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	242343	83.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1284619	72.03	ng	0.00
79) Terphenyl-d14	12.91	244	1373804	76.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	157848	39.387	ng	100
3) Pyridine	3.23	79	436527	40.946	ng	99
4) n-Nitrosodimethylamine	3.19	42	169437	37.167	ng	97
6) Aniline	6.46	93	524734	35.738	ng	# 91
8) 2-Chlorophenol	6.59	128	377597	39.362	ng	96
9) Benzaldehyde	6.35	77	223752	41.454	ng	100
10) Phenol	6.45	94	461519	37.299	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	367689	38.774	ng	98
12) 1,3-Dichlorobenzene	6.73	146	408633	39.284	ng	98
13) 1,4-Dichlorobenzene	6.82	146	409746	39.614	ng	98
14) 1,2-Dichlorobenzene	6.97	146	377765	38.606	ng	98
15) Benzyl Alcohol	6.94	79	288790	36.304	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	508305	37.189	ng	98
17) 2-Methylphenol	7.06	107	328270	38.609	ng	99
18) Hexachloroethane	7.31	117	150963	40.325	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	228811	35.773	ng	100
20) 3+4-Methylphenols	7.21	107	374847	34.657	ng	95
22) Acetophenone	7.21	105	456618	39.035	ng	# 99
24) Nitrobenzene	7.38	77	390273	40.199	ng	98
25) Isophorone	7.62	82	693204	38.560	ng	98
26) 2-Nitrophenol	7.70	139	206745	44.839	ng	97
27) 2,4-Dimethylphenol	7.74	122	295254	39.440	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	431285	39.302	ng	100
29) 2,4-Dichlorophenol	7.94	162	310347	40.569	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	339861	40.044	ng	99
31) Naphthalene	8.10	128	1054842	39.455	ng	99
32) Benzoic acid	7.87	122	214225m	38.121	ng	
33) 4-Chloroaniline	8.15	127	462394	38.770	ng	98
34) Hexachlorobutadiene	8.22	225	201156	40.205	ng	100
35) Caprolactam	8.53	113	98641	40.209	ng	88
36) 4-Chloro-3-methylphenol	8.64	107	315568	40.222	ng	99
37) 2-Methylnaphthalene	8.79	142	696485	40.121	ng	99
38) 1-Methylnaphthalene	8.89	142	647215	39.365	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	323284	41.673	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121184.D
 Acq On : 5 Aug 2020 9:52
 Operator : JU/CG
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:20:52 PM

Quant Time: Aug 05 11:27:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	147710	34.451	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	213909	39.162	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	247879	40.007	nq	99
46) 1,1'-Biphenyl	9.26	154	811196	39.940	nq	100
47) 2-Chloronaphthalene	9.29	162	656986	39.675	nq	100
48) 2-Nitroaniline	9.39	65	208622	41.689	nq	92
49) Acenaphthylene	9.70	152	1019865	39.645	nq	99
50) Dimethylphthalate	9.56	163	773777	40.282	nq	99
51) 2,6-Dinitrotoluene	9.63	165	172980	41.916	nq	93
52) Acenaphthene	9.87	154	605395	37.016	nq	100
53) 3-Nitroaniline	9.80	138	211290	40.822	nq	97
54) 2,4-Dinitrophenol	9.90	184	81537	38.226	nq	92
55) Dibenzofuran	10.05	168	914565	38.669	nq	98
56) 4-Nitrophenol	9.97	139	132404	33.676	nq	98
57) 2,4-Dinitrotoluene	10.03	165	229335	42.317	nq	96
58) Fluorene	10.39	166	689697	39.099	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	180857	38.338	nq	99
60) Diethylphthalate	10.26	149	750529	38.628	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	350422	37.245	nq	98
62) 4-Nitroaniline	10.41	138	212580	42.164	nq	96
63) Azobenzene	10.54	77	706089	38.173	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	120536	42.350	nq	90
66) n-Nitrosodiphenylamine	10.50	169	637796	40.749	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	231329	41.702	nq	96
68) Hexachlorobenzene	10.94	284	250709	41.780	nq	99
69) Atrazine	11.03	200	150879	38.924	nq	99
70) Pentachlorophenol	11.13	266	141381	41.127	nq	99
71) Phenanthrene	11.35	178	1017925	39.780	nq	100
72) Anthracene	11.40	178	1044590	40.654	nq	99
73) Carbazole	11.56	167	1031149	40.438	nq	100
74) Di-n-butylphthalate	11.89	149	1132016	38.469	nq	99
75) Fluoranthene	12.54	202	1120517	39.506	nq	99
77) Benzidine	12.66	184	373295	36.449	nq	98
78) Pyrene	12.77	202	1164393	42.279	nq	99
80) Butylbenzylphthalate	13.39	149	497006	40.482	nq	99
81) Benzo(a)anthracene	13.96	228	992181	42.062	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	359947	40.447	nq	98
83) Chrysene	13.99	228	982103	39.619	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	623652	41.195	nq	99
85) Di-n-octyl phthalate	14.55	149	1078325	35.802	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	887490	35.006	nq	100
88) Benzo(b)fluoranthene	15.00	252	959557	43.547	nq	100
89) Benzo(k)fluoranthene	15.03	252	906321	45.100	nq	100
90) Benzo(a)pyrene	15.36	252	857984	42.677	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	725519	35.034	nq	99
92) Benzo(g,h,i)perylene	17.28	276	706026	34.577	nq	98

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



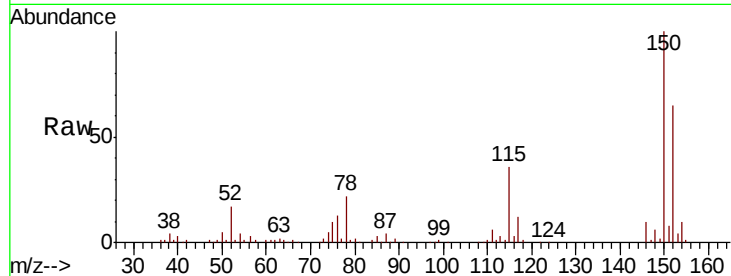
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.6	188.4
115	55.6	46.2	69.2

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:20:52 PM

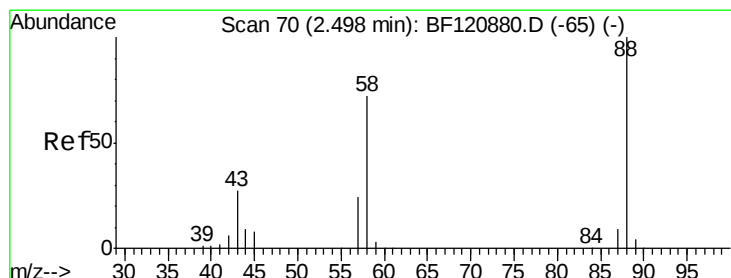
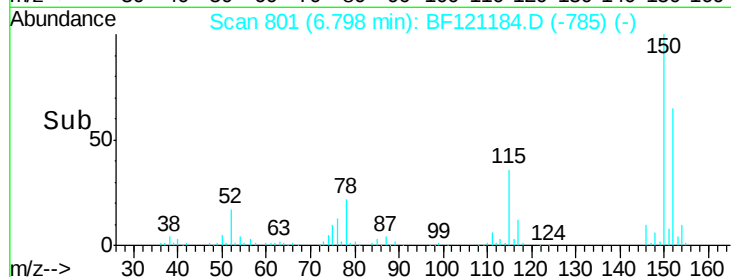
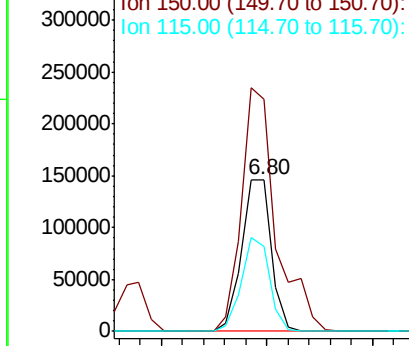


Abundance

Ion 152.00 (151.70 to 152.70): E

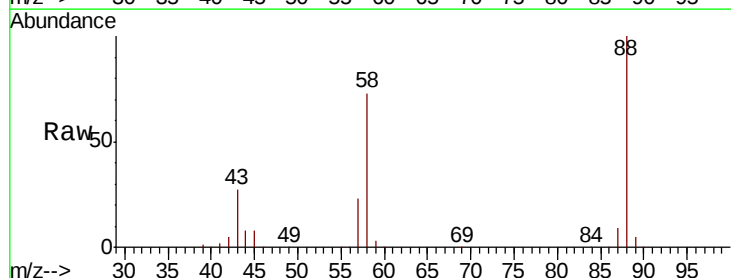
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 39.387 ng
 RT: 2.50 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.2	87.4
43	26.7	21.3	31.9

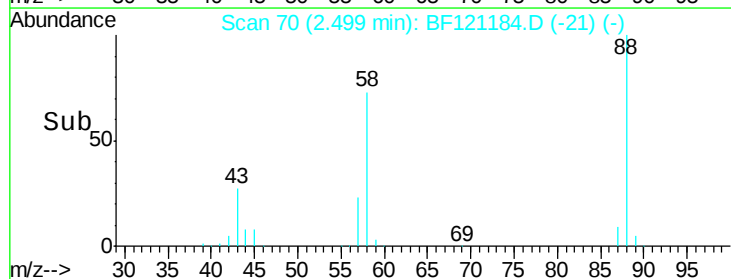
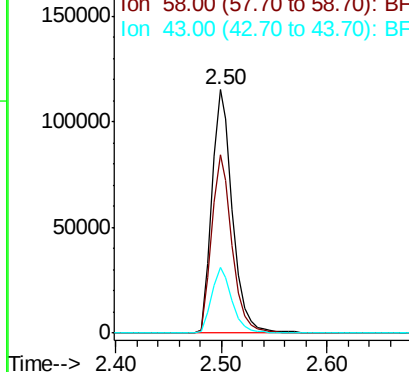


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.946 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

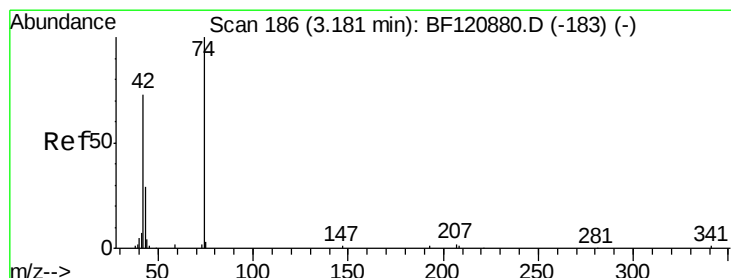
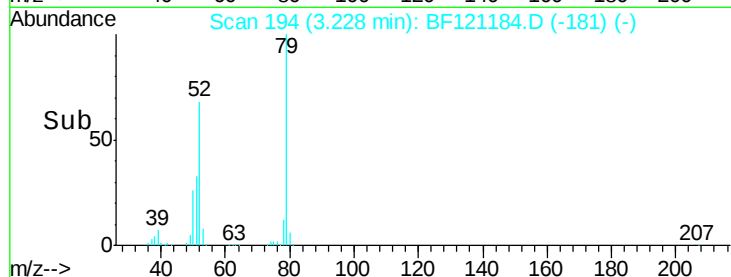
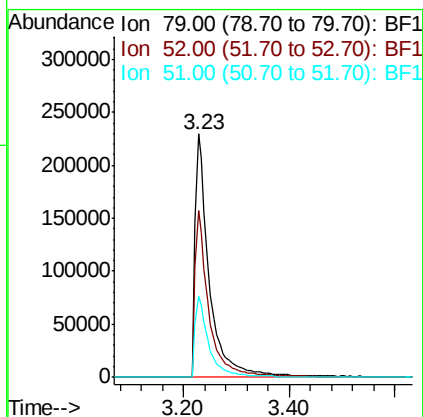
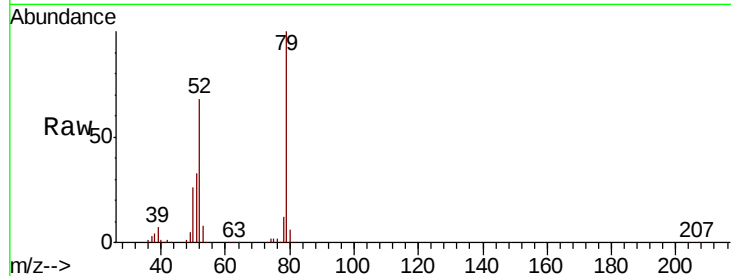
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	436527
Ion Ratio	Lower	Upper	
79	100		
52	68.4	54.9	82.3
51	33.3	27.4	41.0

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#4

n-Nitrosodimethylamine

Concen: 37.167 ng

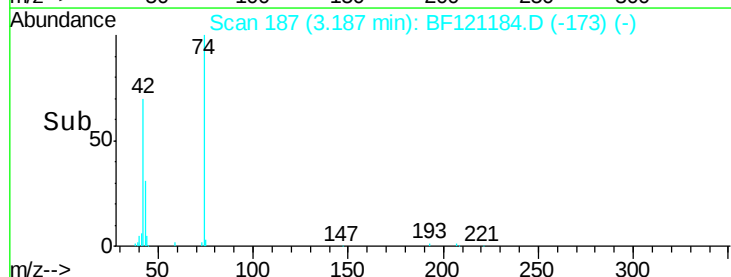
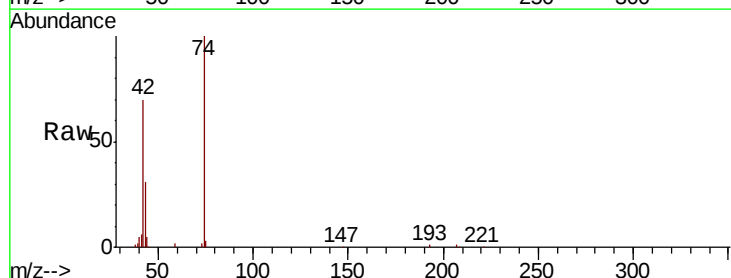
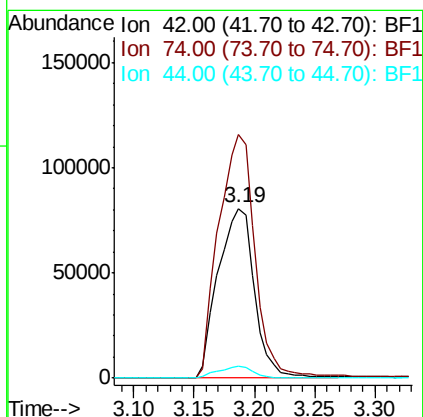
RT: 3.19 min Scan# 187

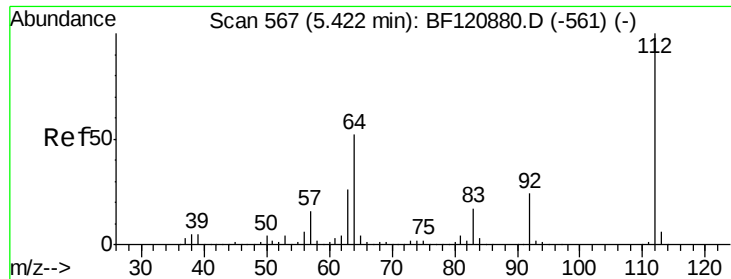
Delta R.T. -0.02 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	42	Resp:	169437
Ion Ratio	Lower	Upper	
42	100		
74	143.3	117.3	175.9
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 77.756 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

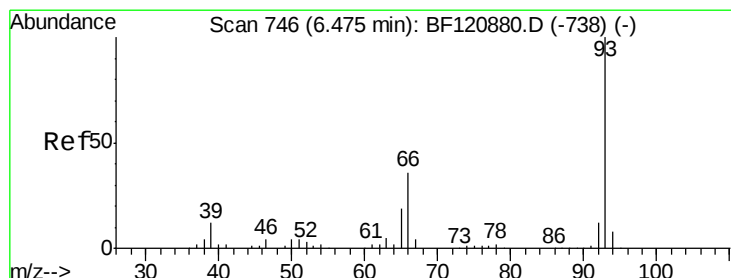
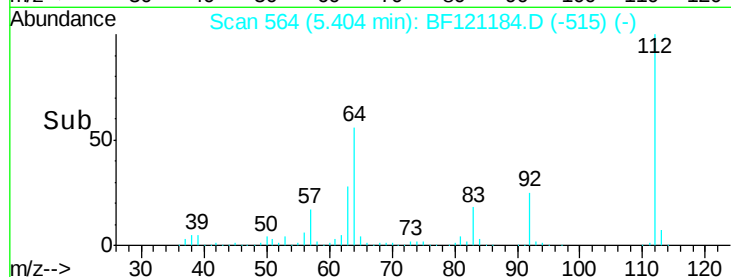
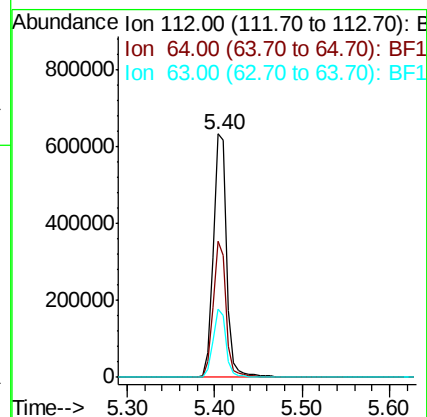
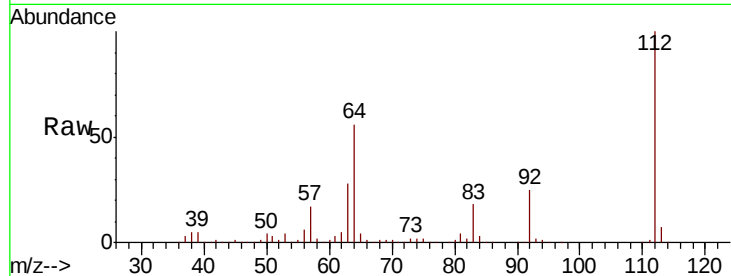
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	677085
Ion Ratio	Lower	Upper	
112	100		
64	55.7	43.9	65.9
63	28.0	22.7	34.1

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#6

Aniline

Concen: 35.738 ng

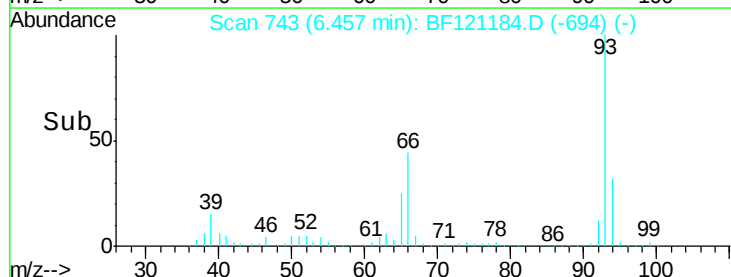
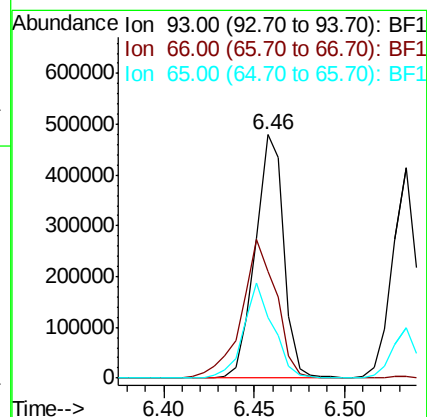
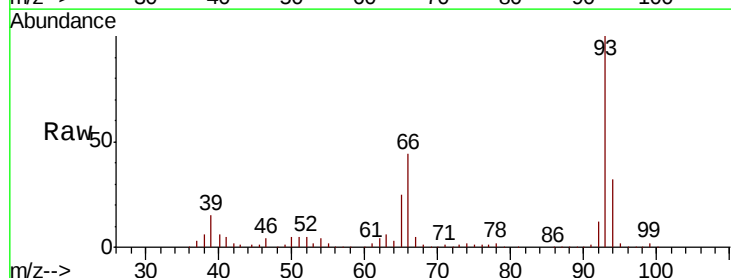
RT: 6.46 min Scan# 743

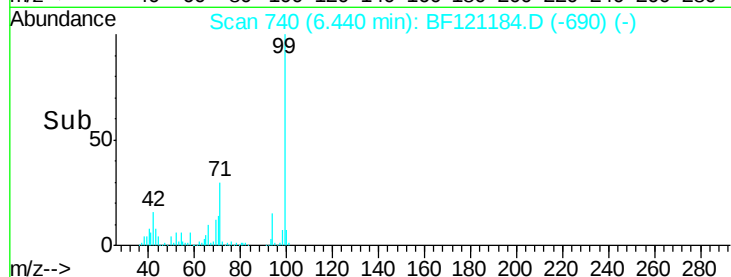
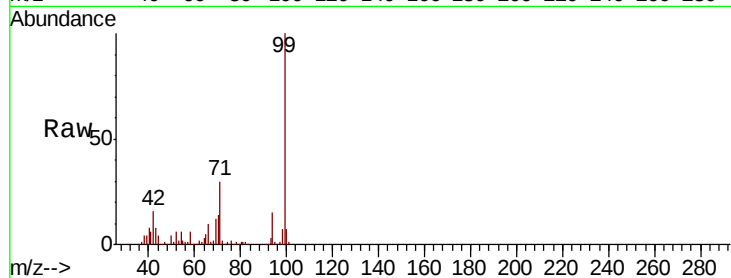
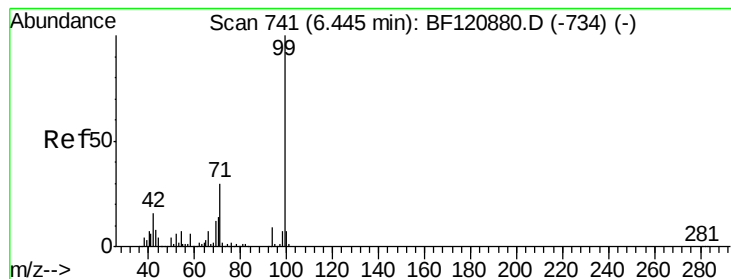
Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	93	Resp:	524734
Ion Ratio	Lower	Upper	
93	100		
66	44.0	31.0	46.4
65	24.8	16.2	24.4





#7

Phenol-d6

Concen: 76.837 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tot Ion:	99	Resp:	864290
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	30.4	25.0	37.4

Instrument :

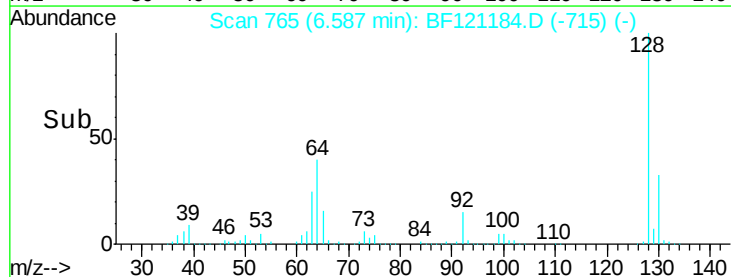
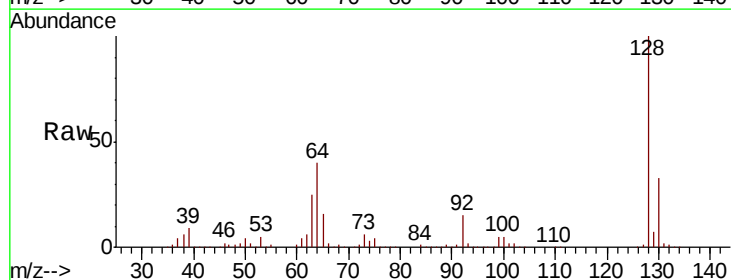
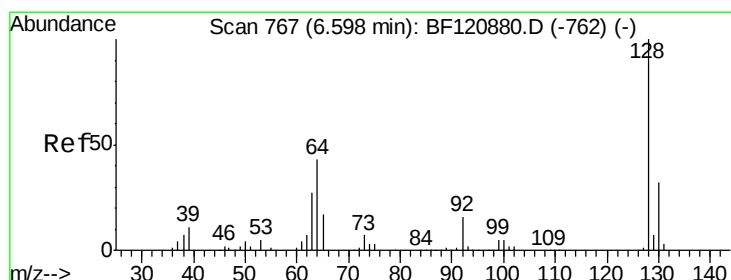
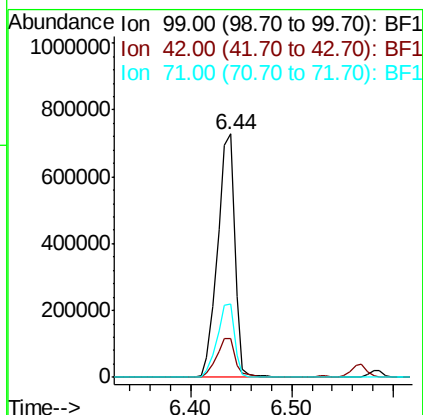
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#8

2-Chlorophenol

Concen: 39.362 ng

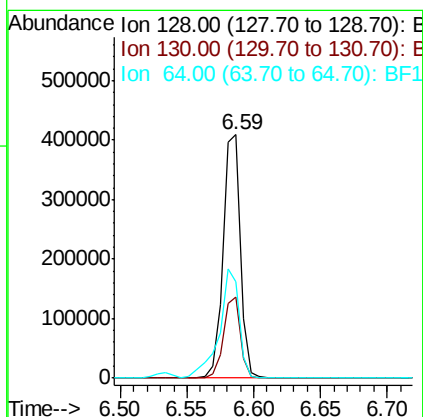
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	128	Resp:	377597
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.7	52.7
64	39.7	23.8	63.8





#9

Benzaldehyde

Concen: 41.454 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

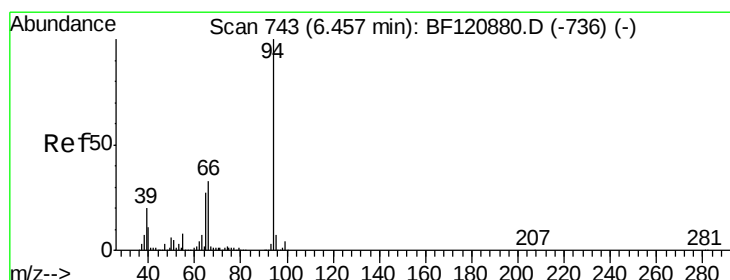
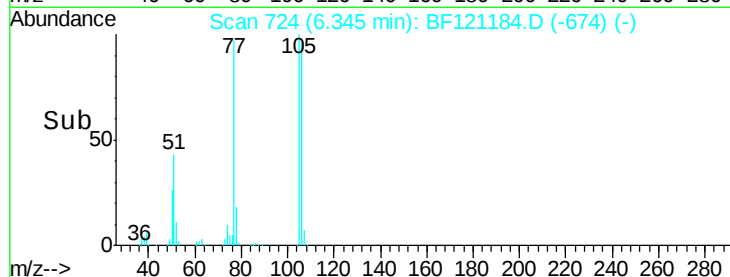
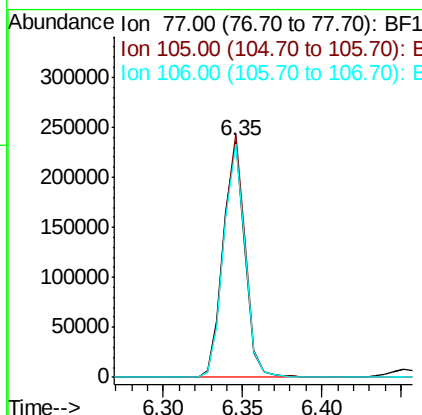
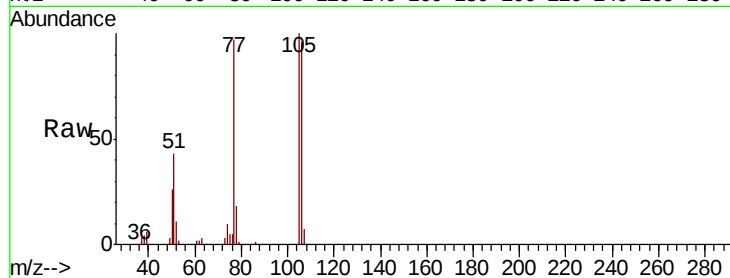
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	223752
Ion	Ratio	Lower	Upper
77	100		
105	103.0	82.4	122.4
106	98.6	78.9	118.9

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#10

Phenol

Concen: 37.299 ng

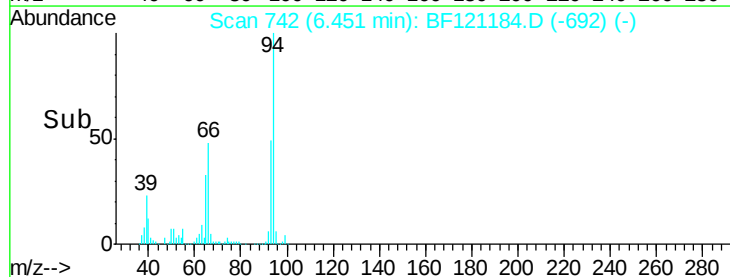
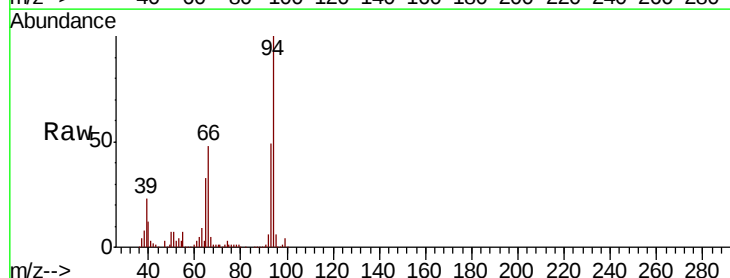
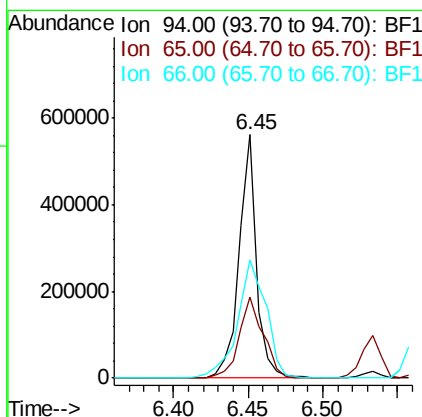
RT: 6.45 min Scan# 742

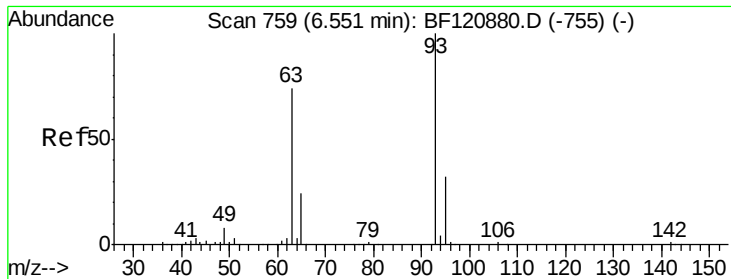
Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	94	Resp:	461519
Ion	Ratio	Lower	Upper
94	100		
65	33.5	12.6	52.6
66	48.4	25.6	65.6





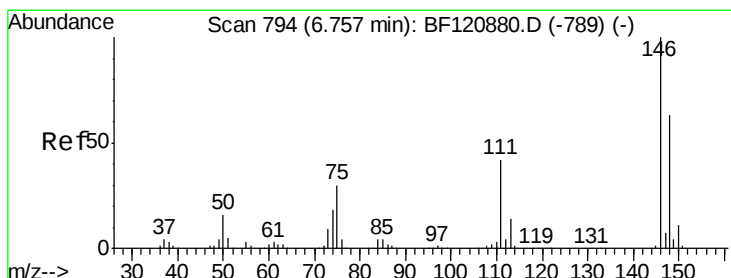
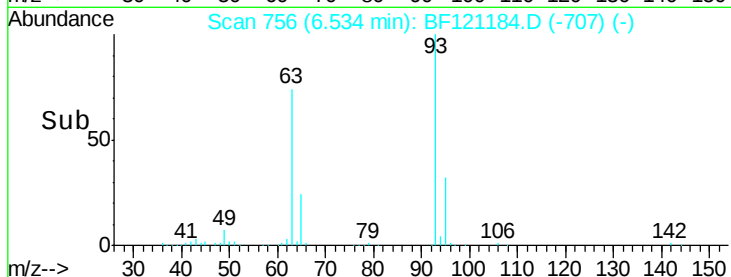
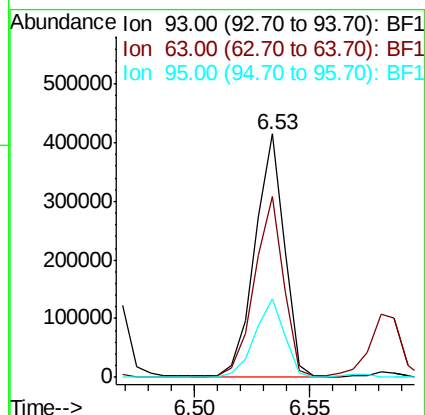
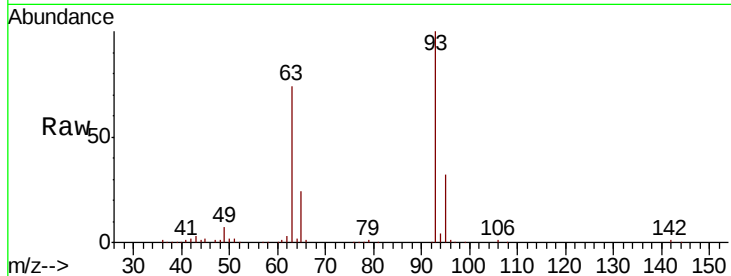
#11
bis(2-Chloroethyl)ether
Concen: 38.774 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	367689
Ion Ratio	Lower	Upper	
93	100		
63	74.2	51.9	91.9
95	32.5	13.2	53.2

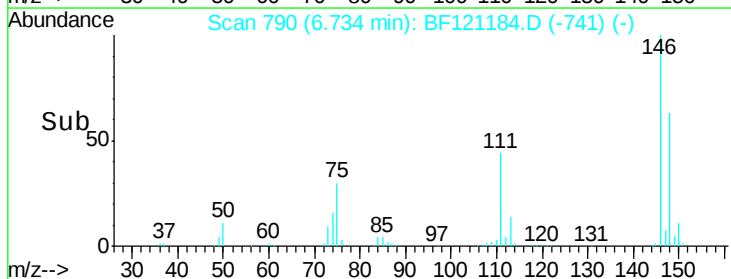
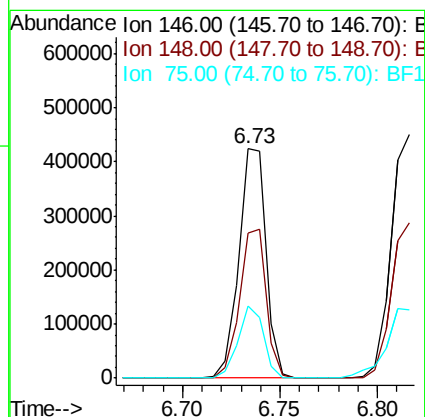
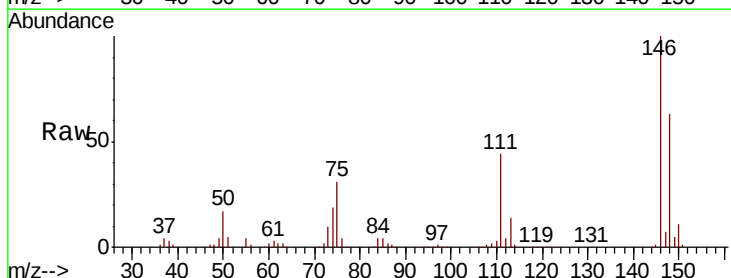
Manual Integrations
APPROVED

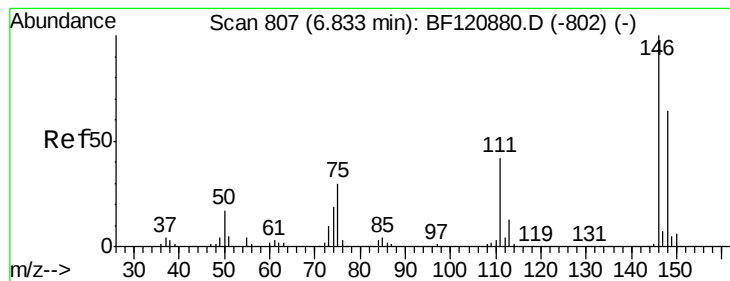
mohammad
8/6/2020 1:20:52 PM



#12
1,3-Dichlorobenzene
Concen: 39.284 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion:	146	Resp:	408633
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.7	77.5
75	31.4	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 39.614 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

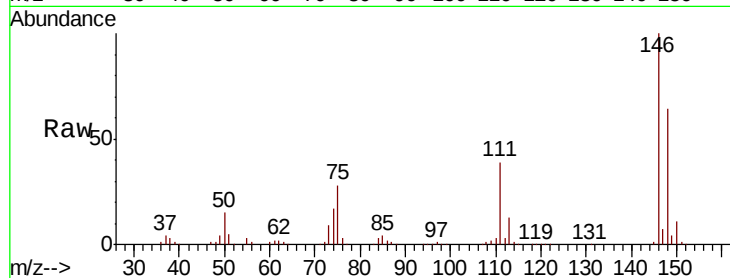
ClientSampleId :

SSTDCCC040

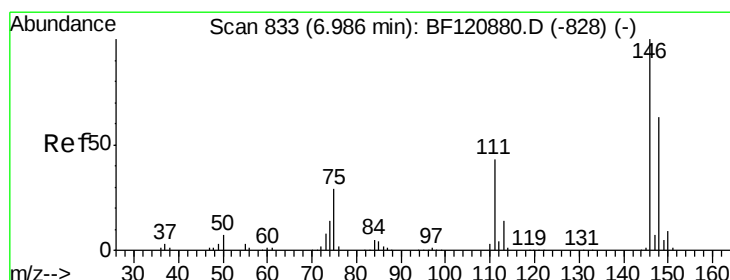
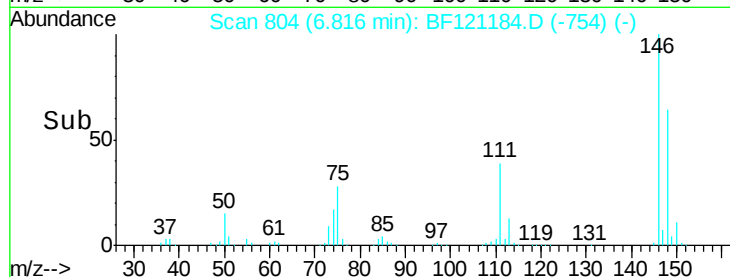
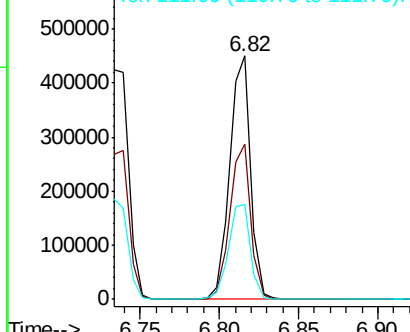
Tot Ion:	146	Resp:	409746
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.5	75.7
111	39.3	32.8	49.2

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.606 ng

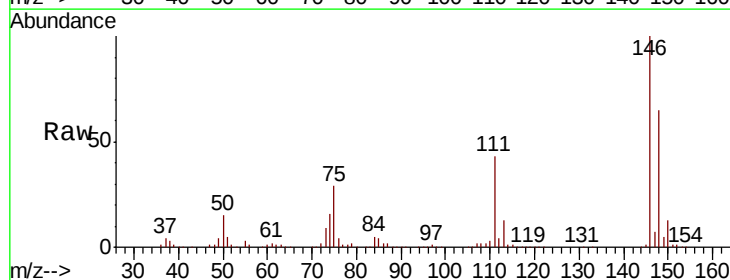
RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

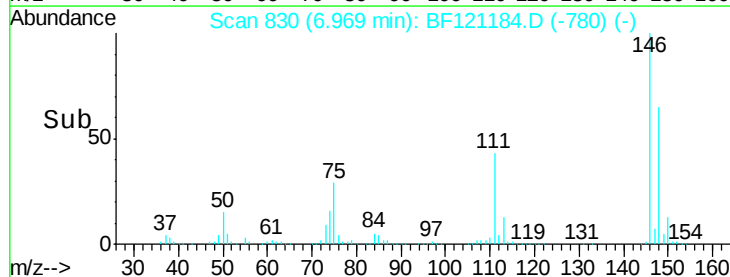
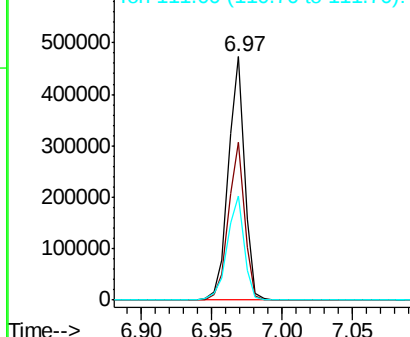
Lab File: BF121184.D

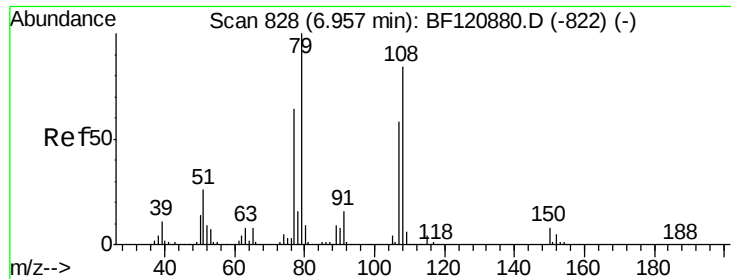
Acq: 5 Aug 2020 9:52

Tgt Ion:	146	Resp:	377765
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	42.7	35.4	53.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





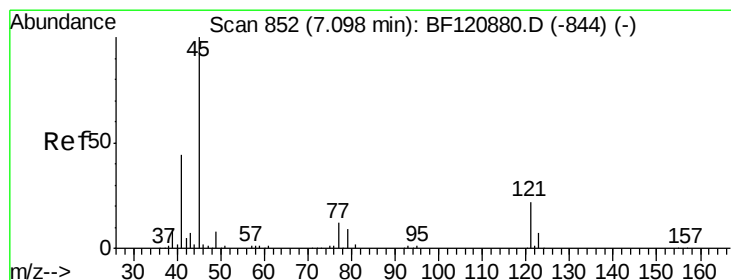
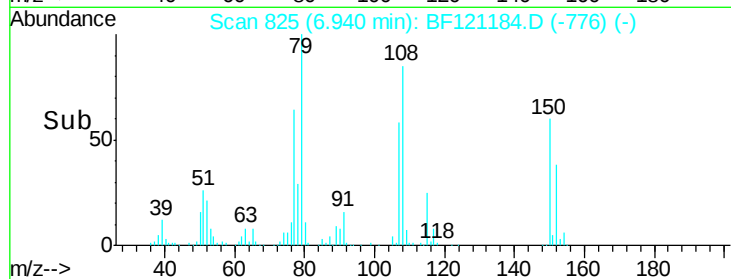
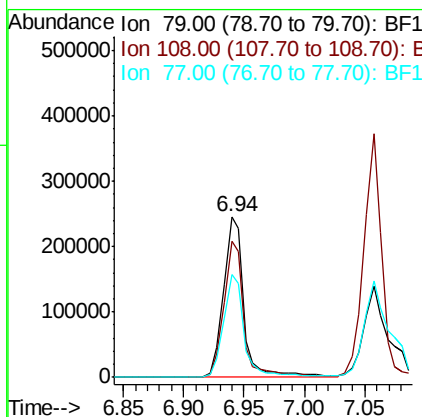
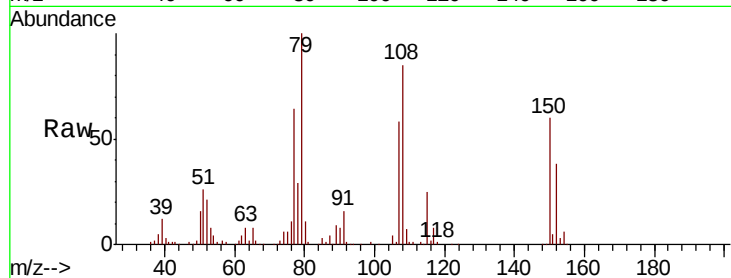
#15
Benzyl Alcohol
Concen: 36.304 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.6	68.6	103.0
77	63.9	51.4	77.2

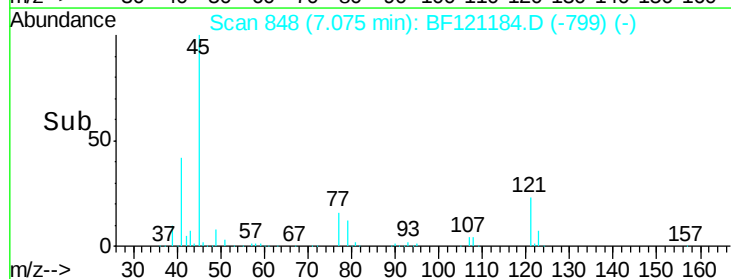
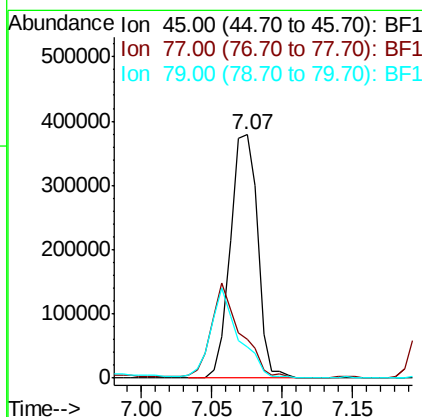
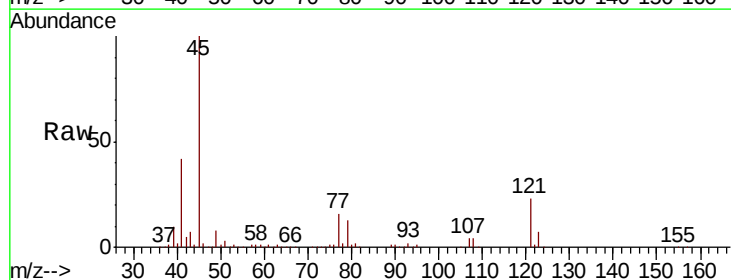
Manual Integrations
APPROVED

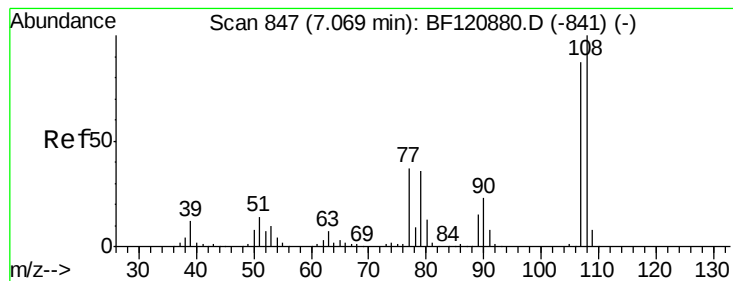
mohammad
8/6/2020 1:20:52 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.189 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.7
79	12.6	0.0	32.0





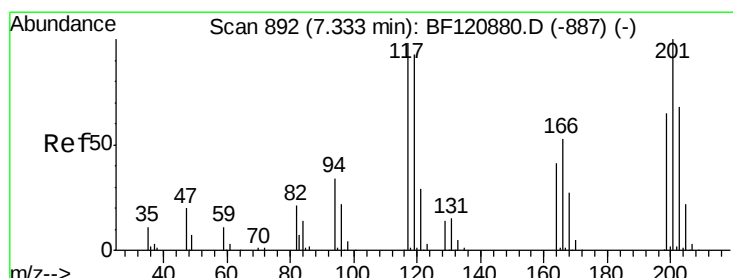
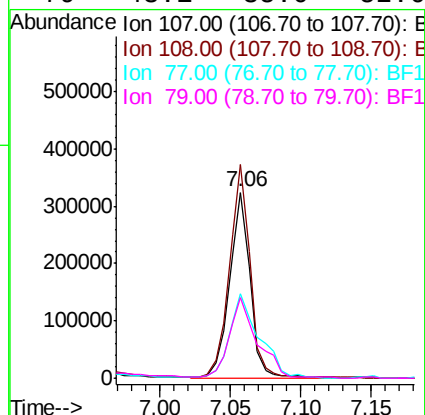
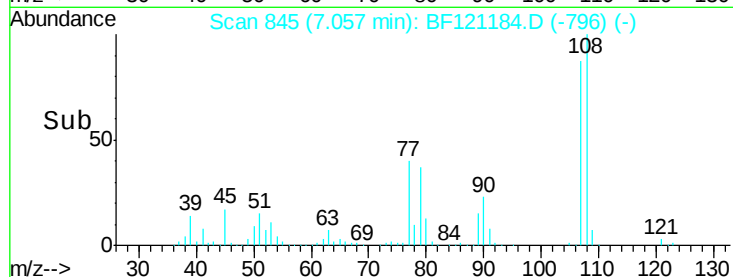
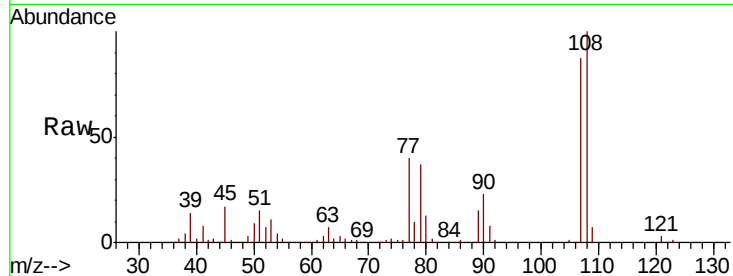
#17
2-Methylphenol
Concen: 38.609 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	91.2	136.8	
77	45.4	36.5	54.7	
79	43.1	35.0	52.6	

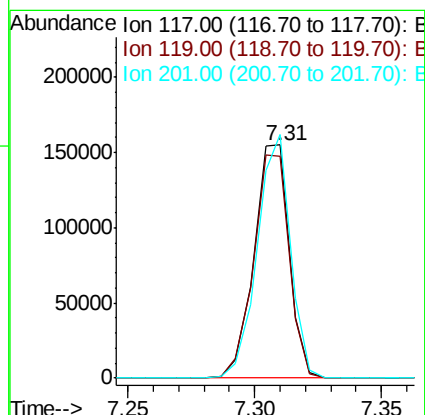
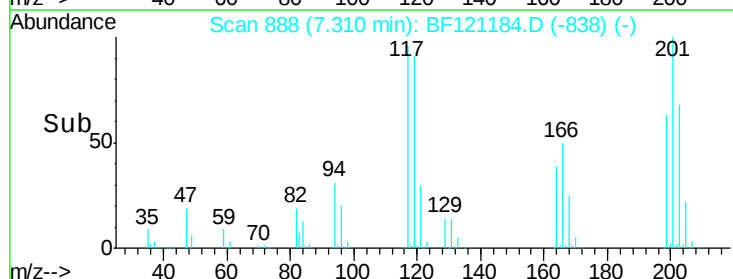
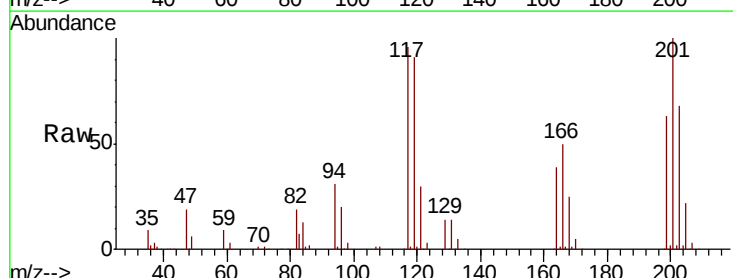
Manual Integrations
APPROVED

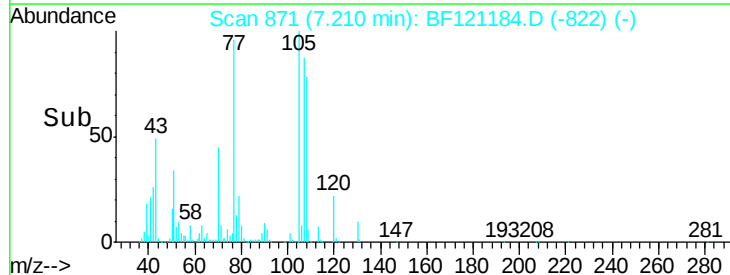
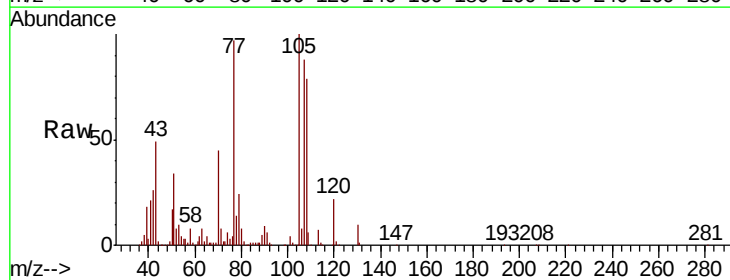
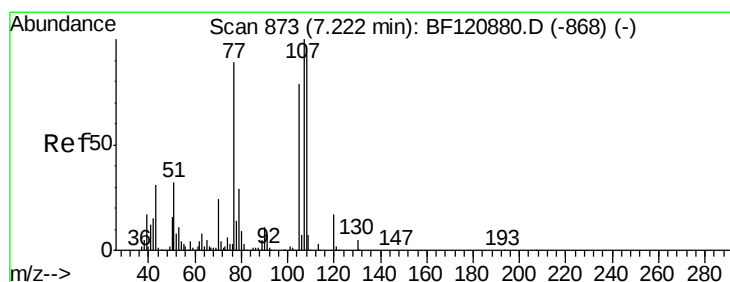
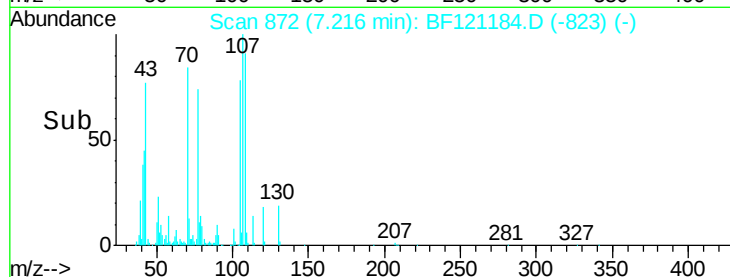
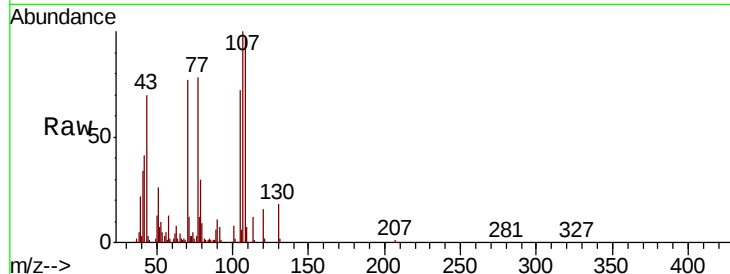
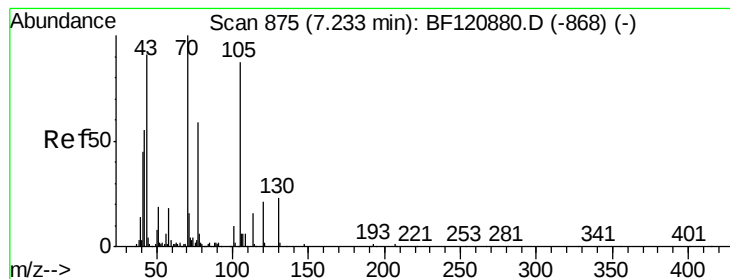
mohammad
8/6/2020 1:20:52 PM



#18
Hexachloroethane
Concen: 40.325 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	76.6	114.8	
201	104.4	75.0	112.4	





#19

n-Nitroso-di-n-propylamine

Concen: 35.773 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 228811

Ion Ratio Lower Upper

70 100

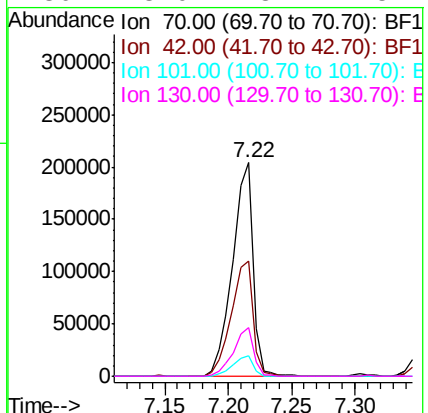
42 54.0 43.3 64.9

101 9.8 8.4 12.6

130 23.0 18.7 28.1

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#20

3+4-Methylphenols

Concen: 34.657 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion: 107 Resp: 374847

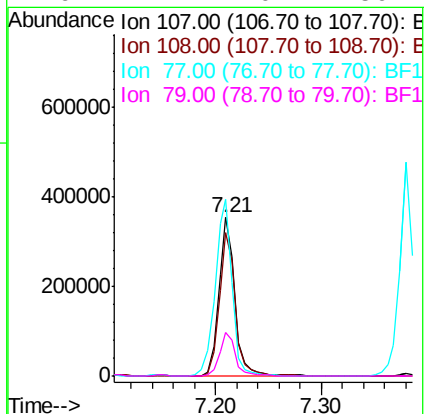
Ion Ratio Lower Upper

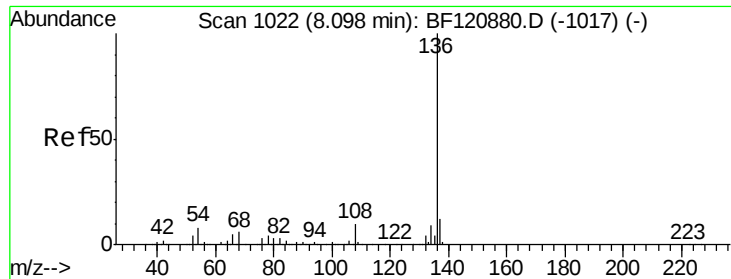
107 100

108 90.3 73.7 113.7

77 111.2 84.9 124.9

79 27.2 10.7 50.7





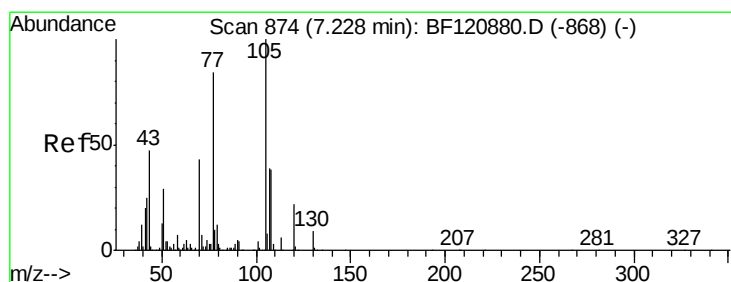
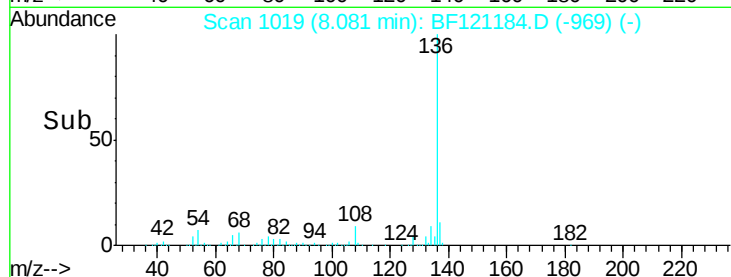
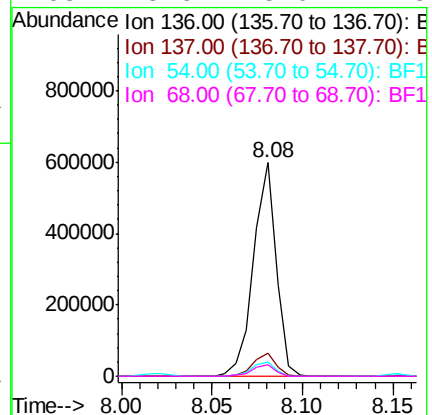
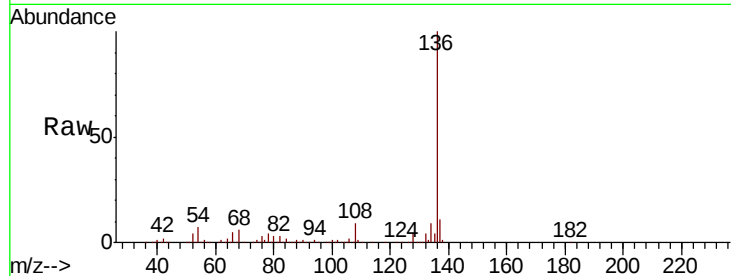
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	6.8	6.1	9.1	
68	5.6	5.0	7.6	

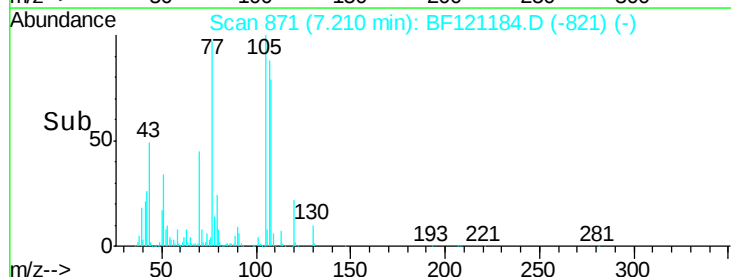
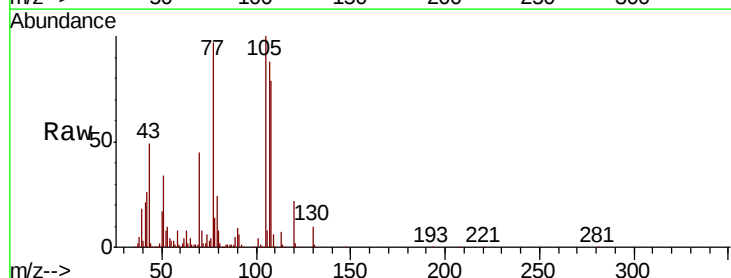
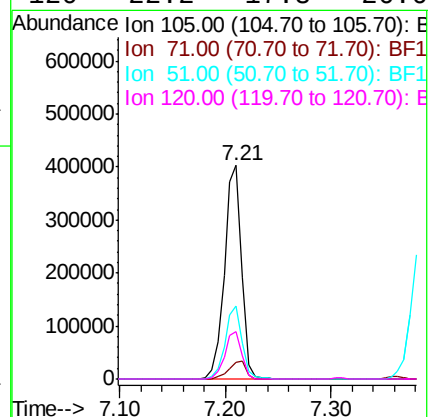
Manual Integrations
APPROVED

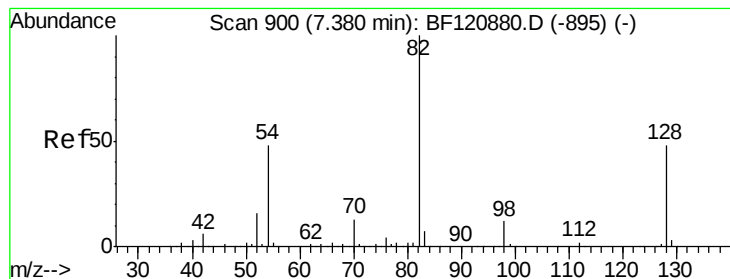
mohammad
8/6/2020 1:20:52 PM



#22
Acetophenone
Concen: 39.035 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	3.8	5.8#	
51	34.2	28.0	42.0	
120	22.2	17.8	26.6	





#23

Nitrobenzene-d5

Concen: 81.112 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

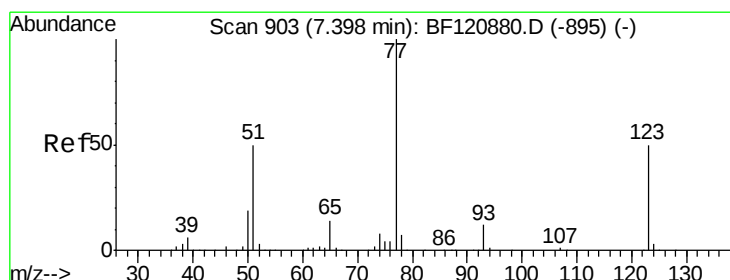
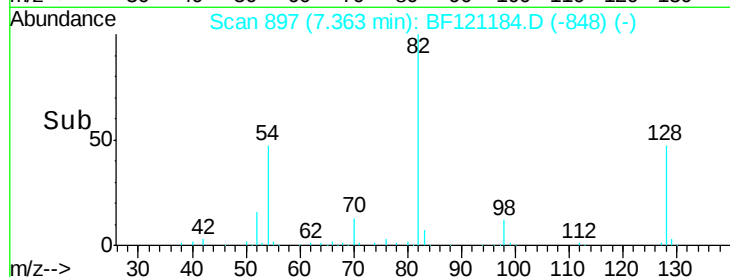
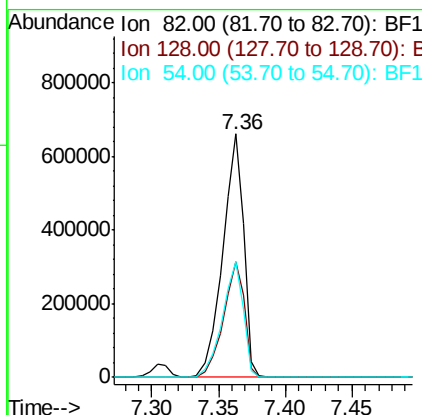
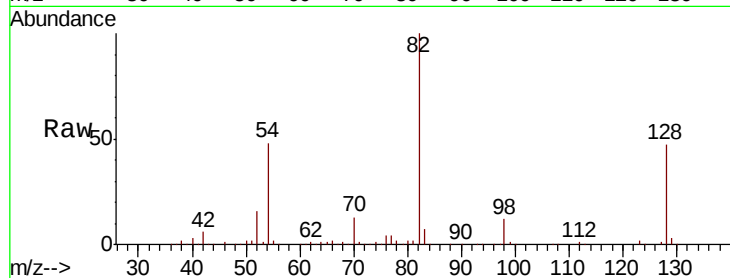
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	730632
Ion Ratio	Lower	Upper	
82	100		
128	47.3	39.2	58.8
54	47.5	37.8	56.8

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#24

Nitrobenzene

Concen: 40.199 ng

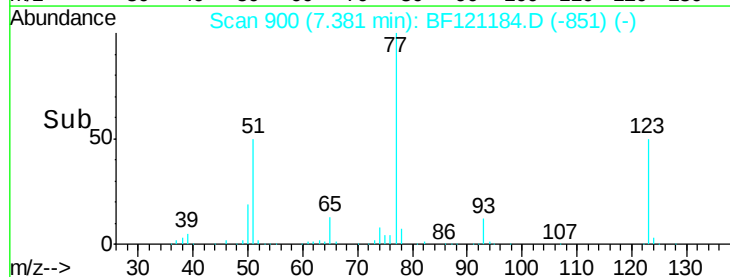
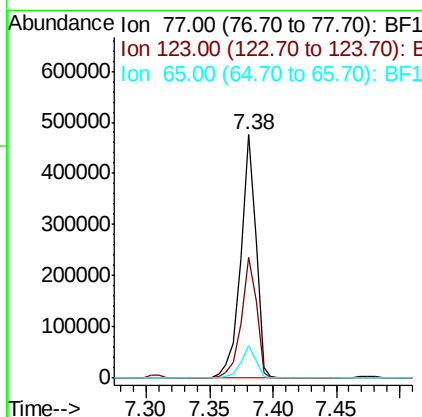
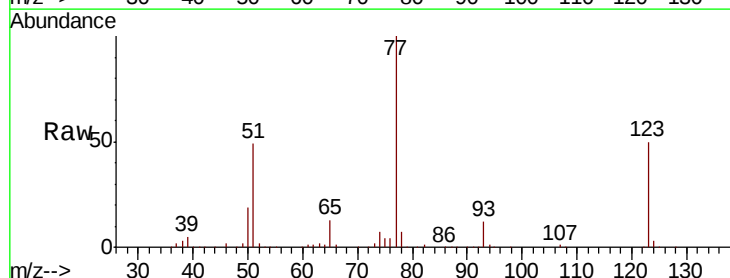
RT: 7.38 min Scan# 900

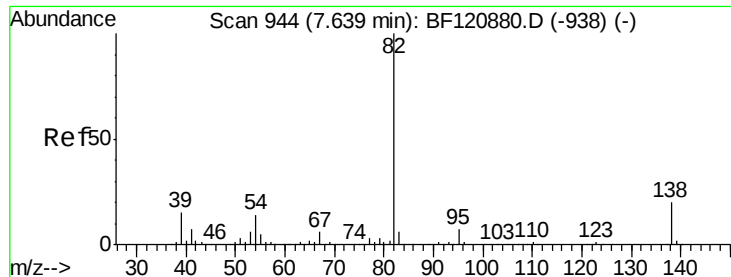
Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	77	Resp:	390273
Ion Ratio	Lower	Upper	
77	100		
123	49.5	41.0	61.6
65	13.1	10.3	15.5





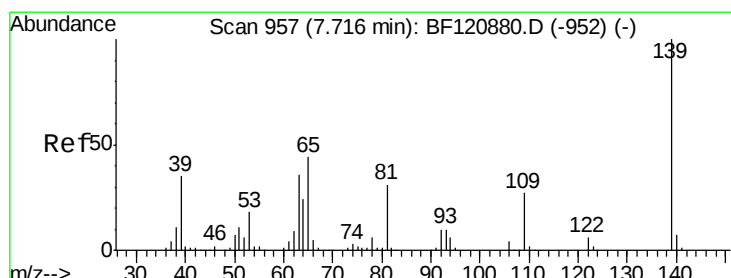
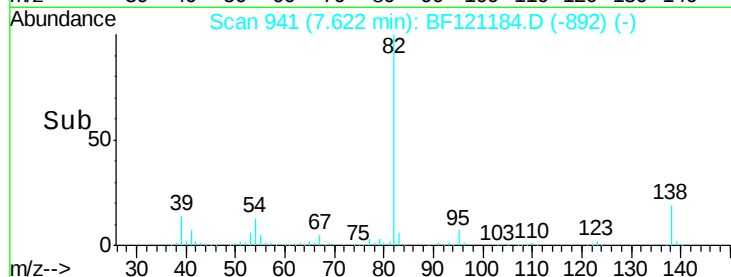
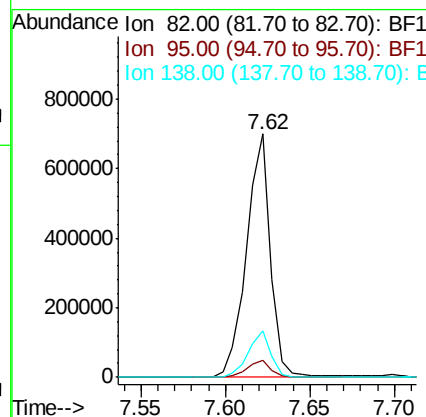
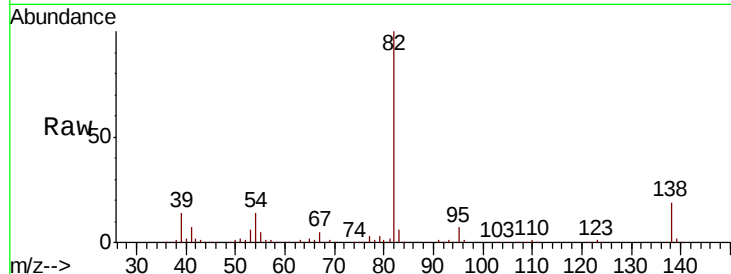
#25
Isophorone
Concen: 38.560 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	693204
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	19.2	16.2	24.2

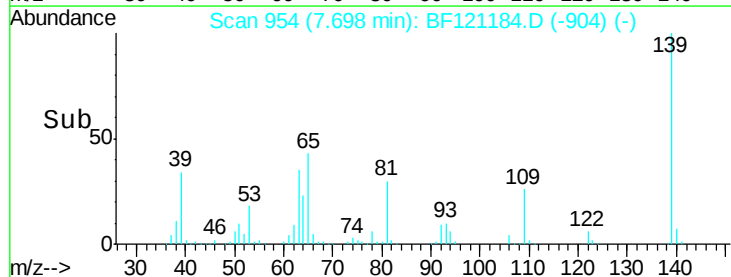
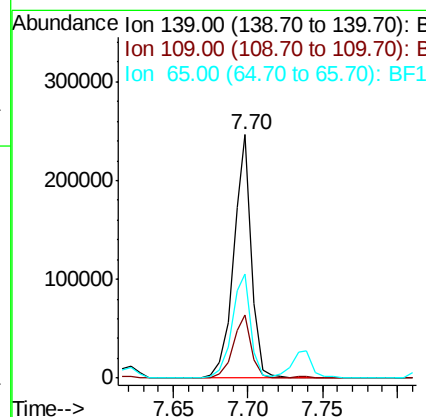
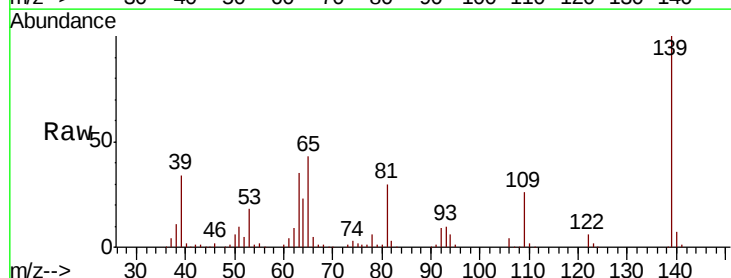
Manual Integrations
APPROVED

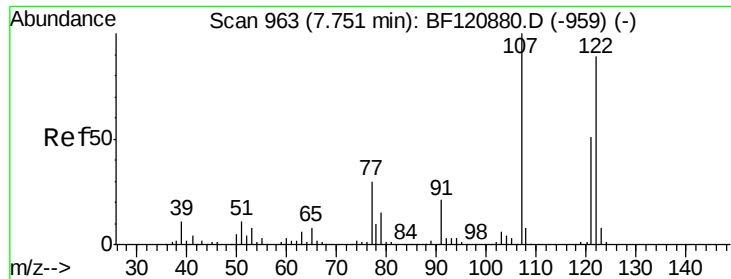
mohammad
8/6/2020 1:20:52 PM



#26
2-Nitrophenol
Concen: 44.839 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	139	Resp	206745
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.7	32.5
65	42.8	36.3	54.5





#27

2,4-Dimethylphenol

Concen: 39.440 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

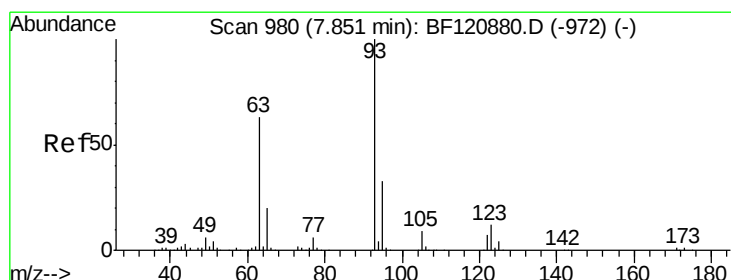
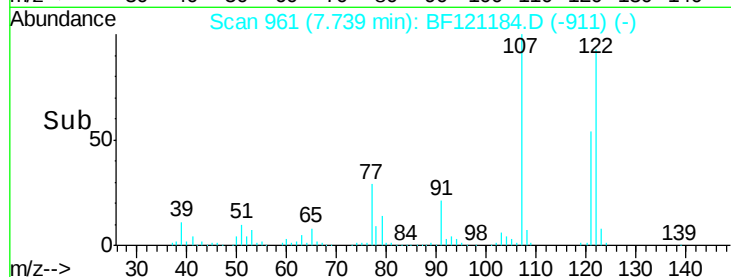
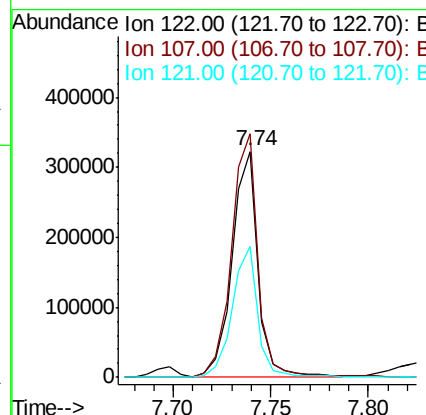
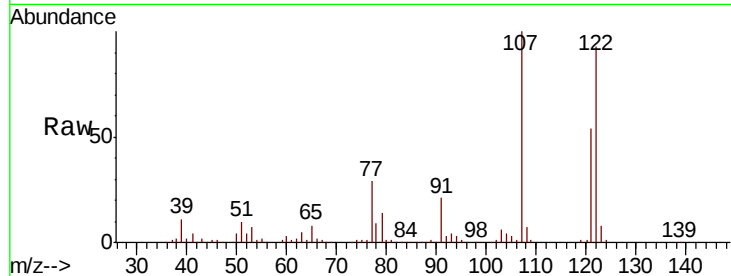
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	295254
Ion Ratio	Lower	Upper	
122	100		
107	107.9	87.1	130.7
121	58.1	45.5	68.3

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.302 ng

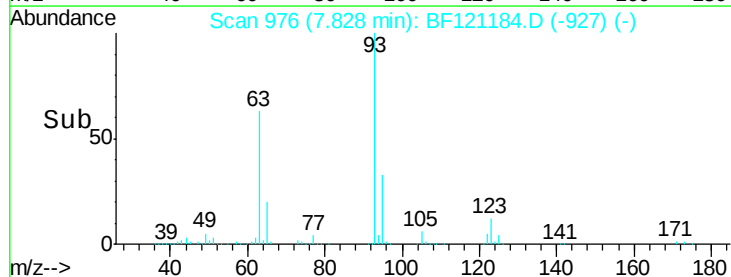
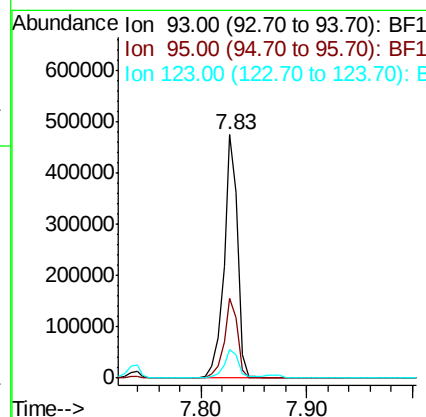
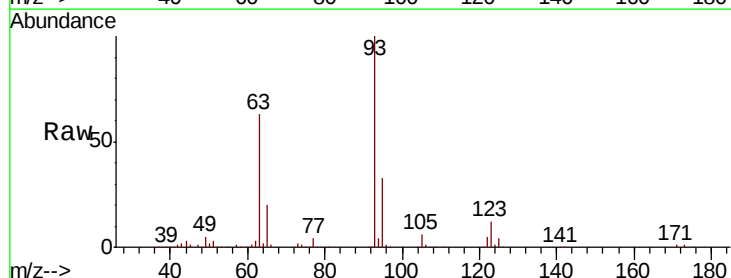
RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	93	Resp:	431285
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.4
123	11.7	9.5	14.3





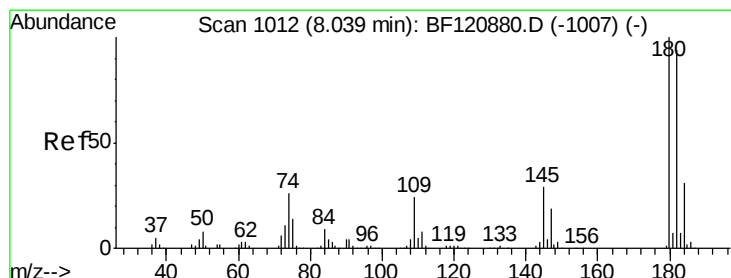
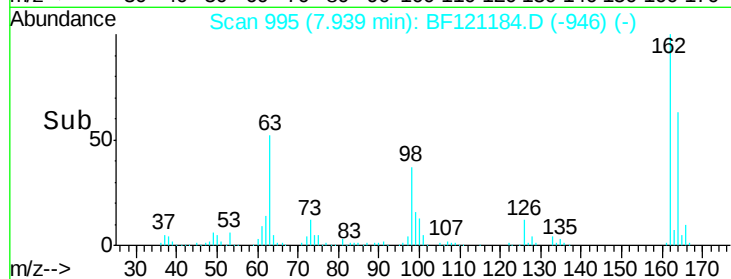
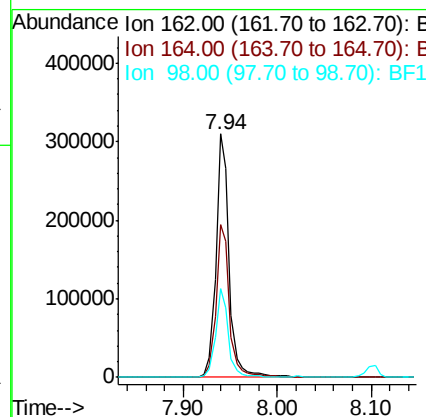
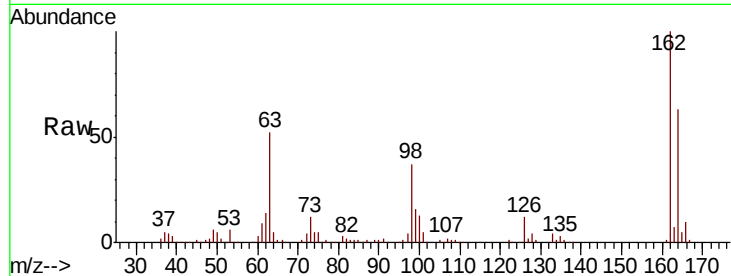
#29
 2,4-Dichlorophenol
 Concen: 40.569 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	310347		
164	62.9	44.7	84.7	
98	36.7	14.2	54.2	

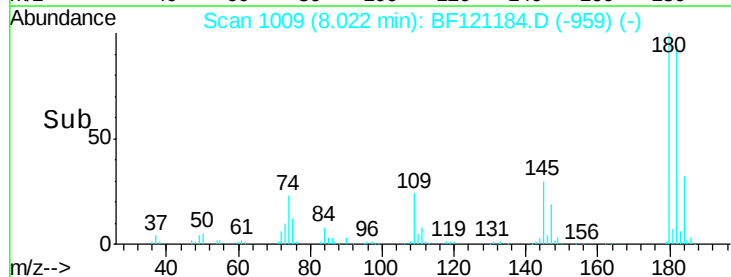
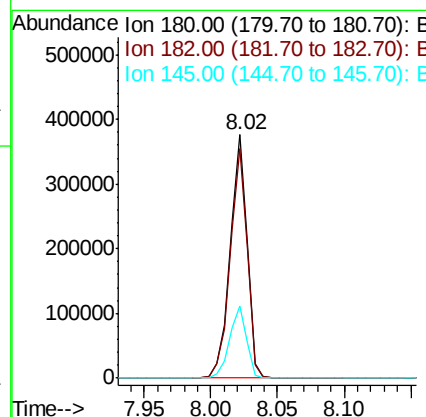
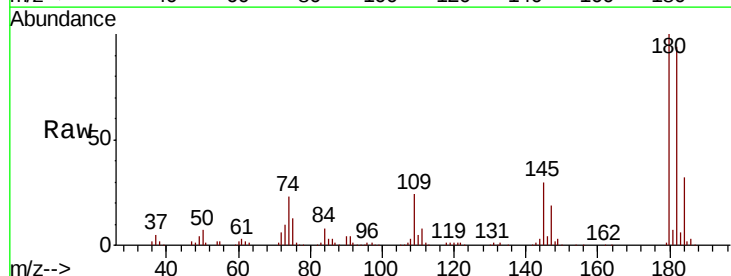
Manual Integrations
 APPROVED

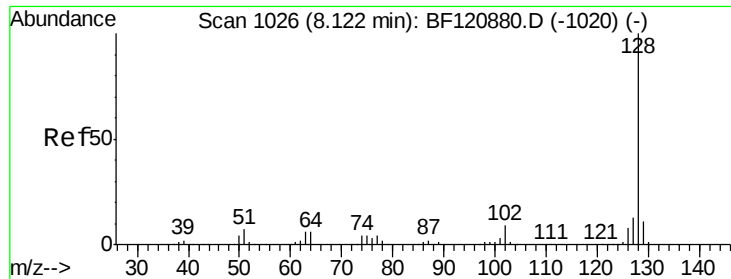
mohammad
 8/6/2020 1:20:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.044 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	339861		
182	94.3	76.4	114.6	
145	29.7	24.2	36.4	





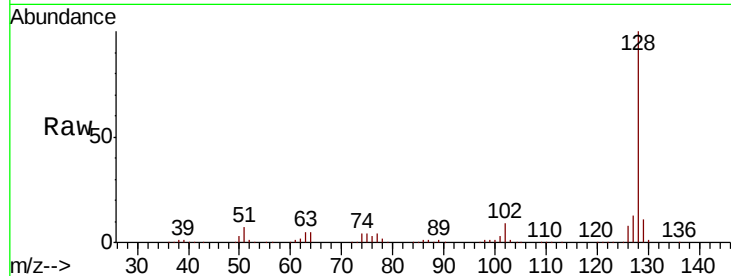
#31
Naphthalene
Concen: 39.455 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.3	10.8	16.2

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM

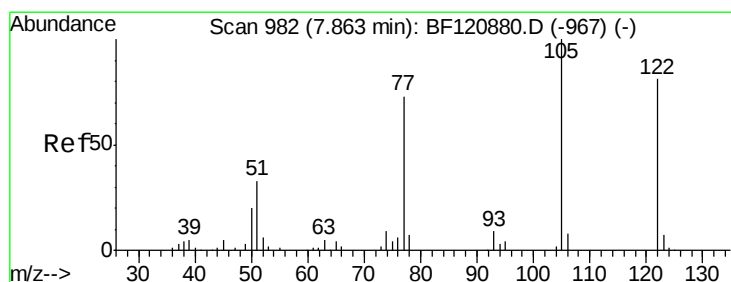
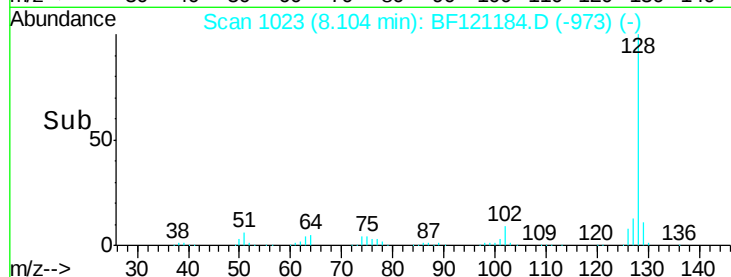
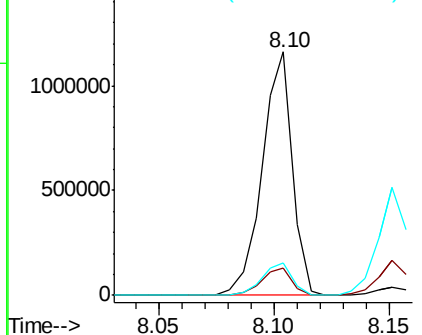


Abundance

Ion 128.00 (127.70 to 128.70): E

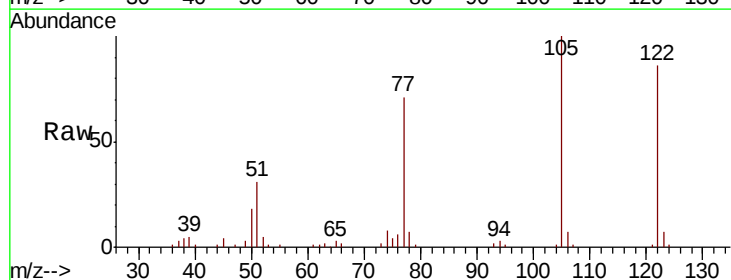
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.121 ng m
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	100.9	140.9
77	81.8	67.8	107.8

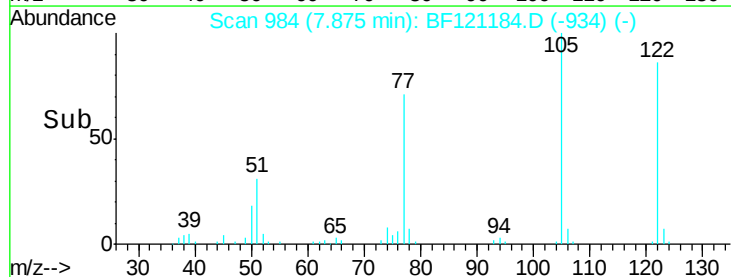
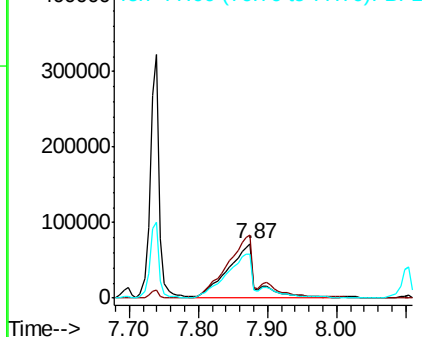


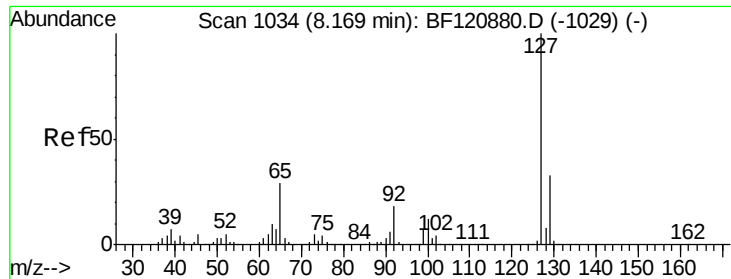
Abundance

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





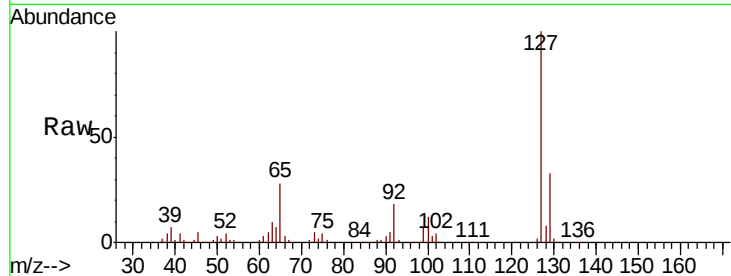
#33
4-Chloroaniline
Concen: 38.770 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

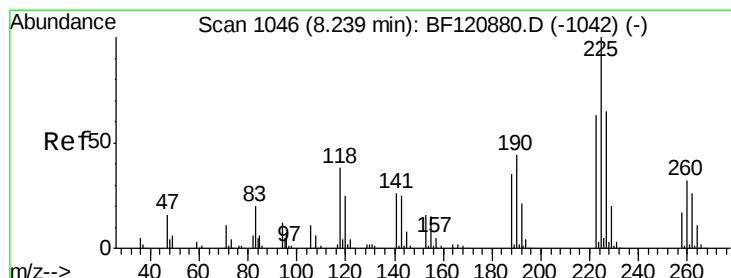
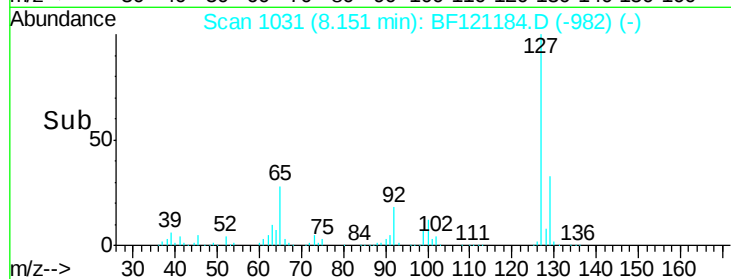
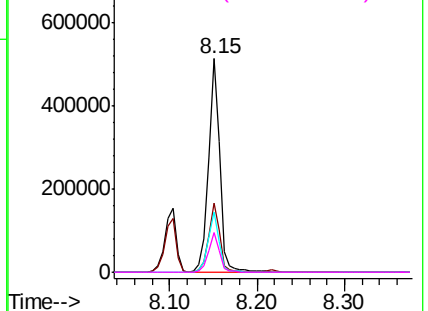
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	28.0	21.4	32.0		
92	18.5	13.8	20.8		

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM

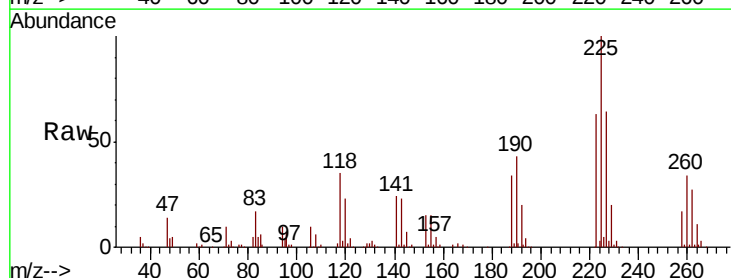


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

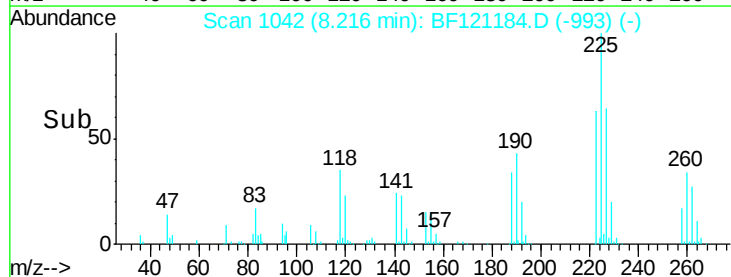
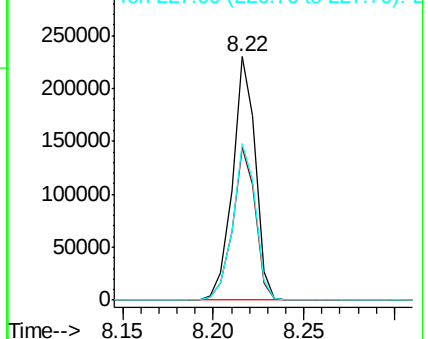


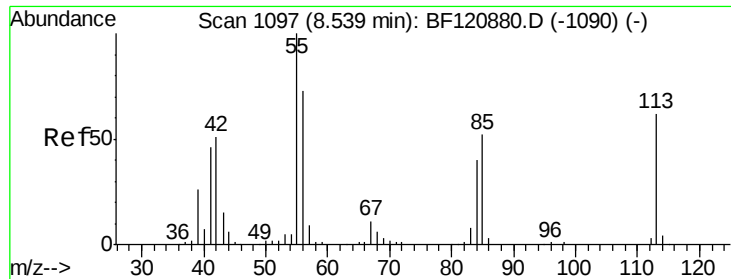
#34
Hexachlorobutadiene
Concen: 40.205 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.7	74.5		
227	64.2	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





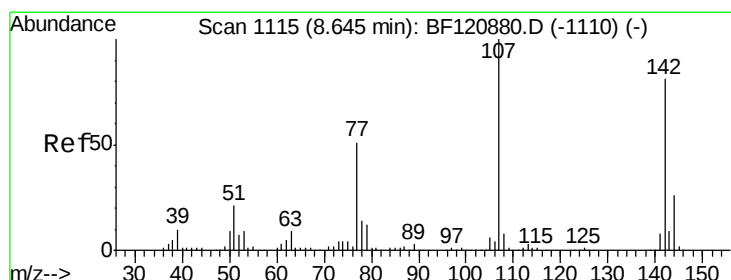
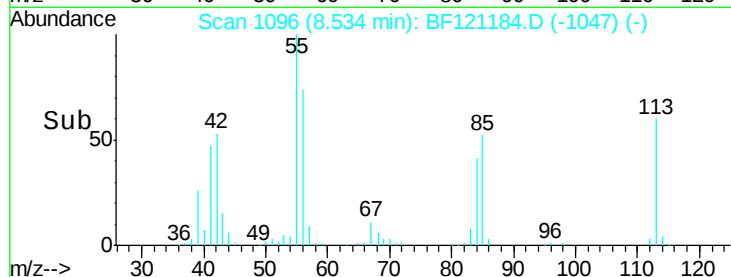
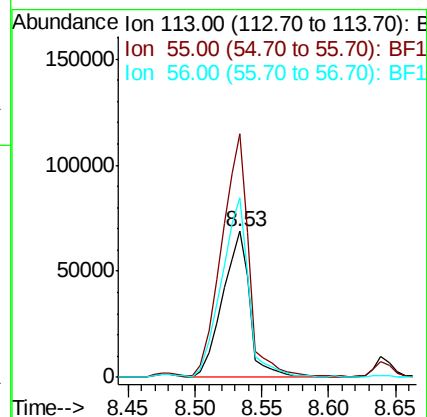
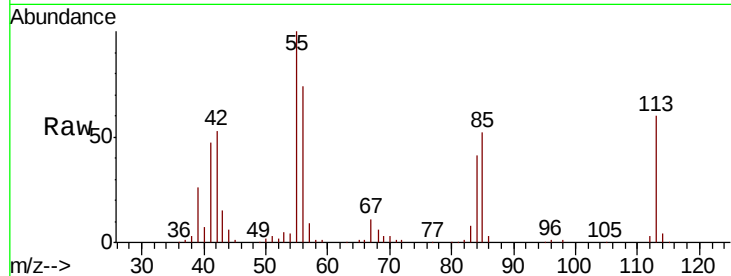
#35
Caprolactam
Concen: 40.209 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.7	131.0	171.0
56	123.0	90.4	130.4

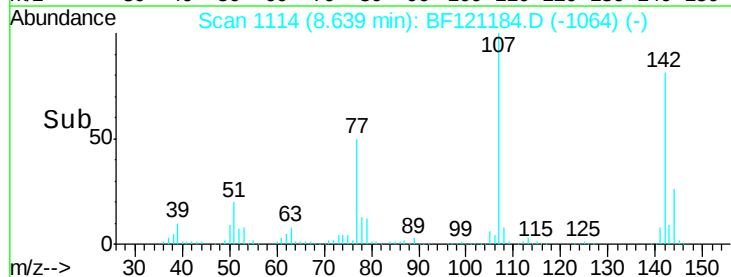
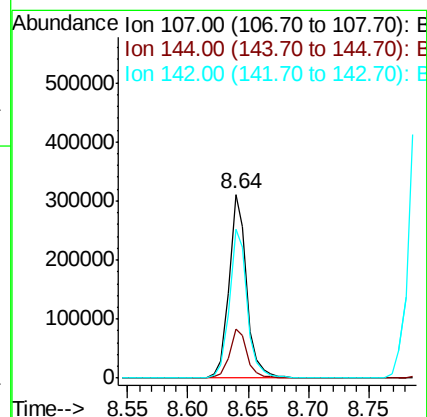
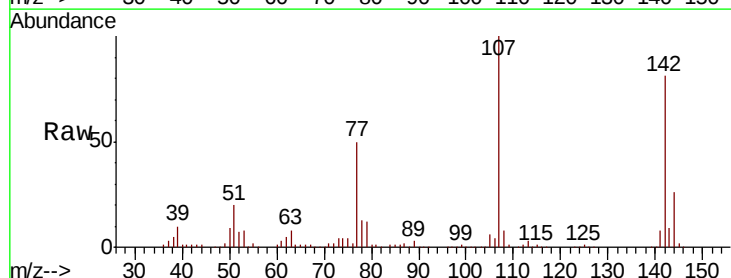
Manual Integrations
APPROVED

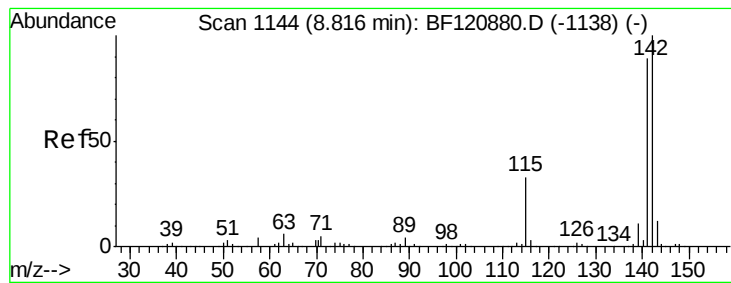
mohammad
8/6/2020 1:20:52 PM



#36
4-Chloro-3-methylphenol
Concen: 40.222 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	81.2	64.5	96.7





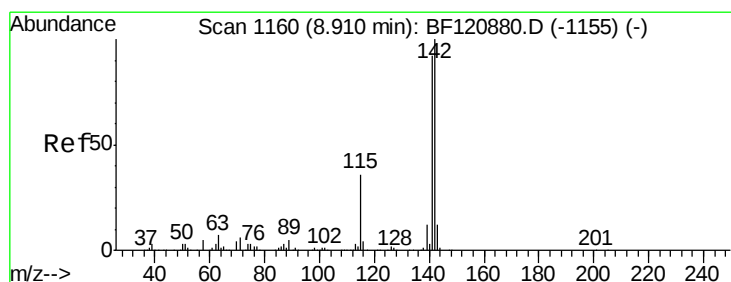
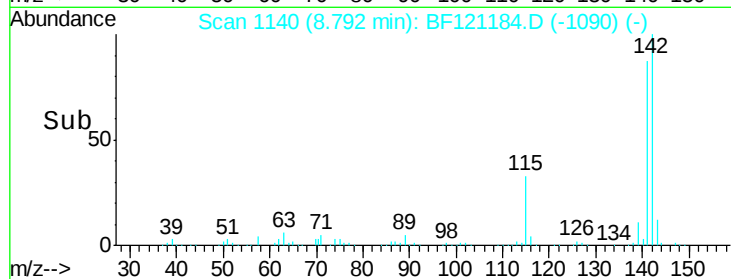
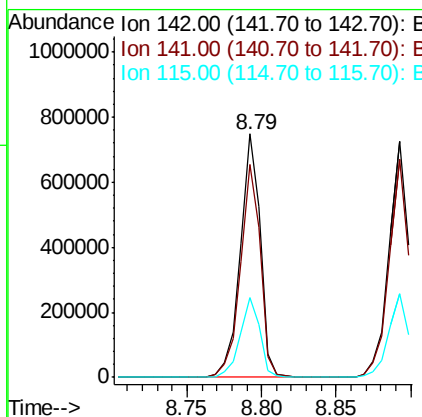
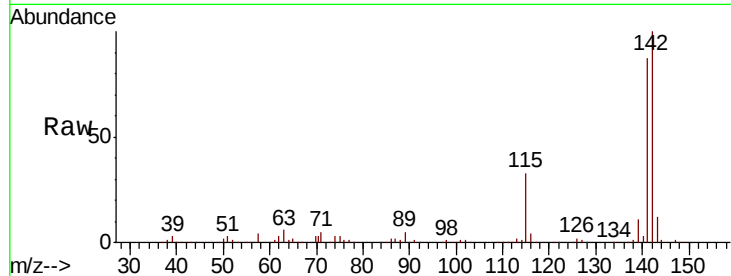
#37
2-Methylnaphthalene
Concen: 40.121 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	32.7	27.1	40.7

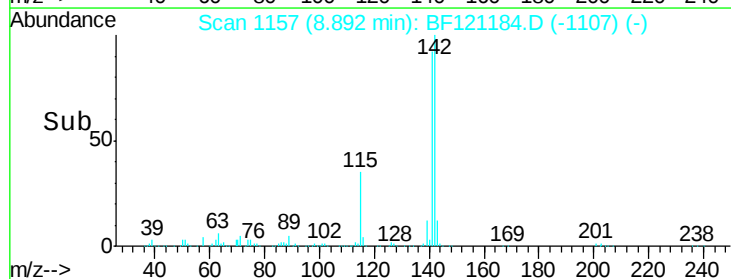
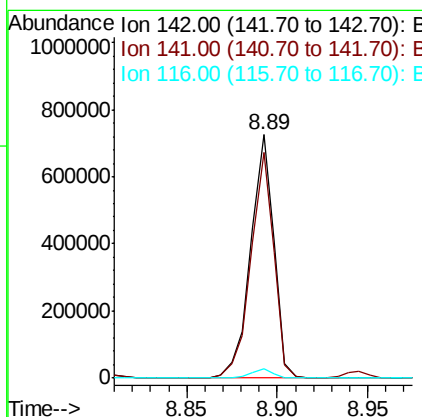
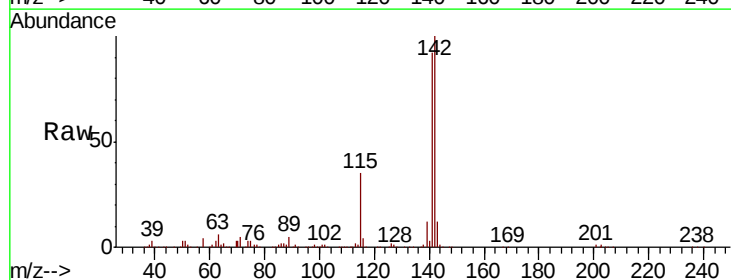
Manual Integrations
APPROVED

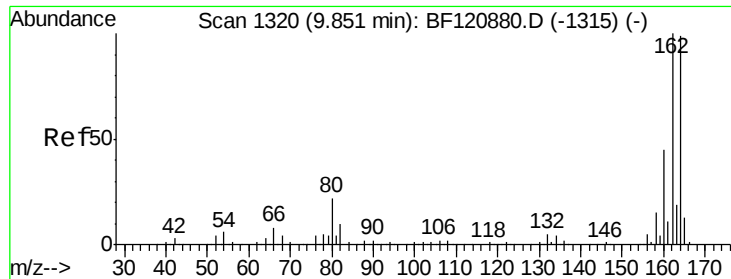
mohammad
8/6/2020 1:20:52 PM



#38
1-Methylnaphthalene
Concen: 39.365 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.6
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

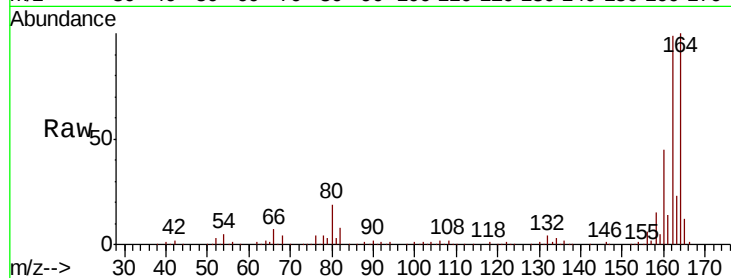
ClientSampleId :

SSTDCCC040

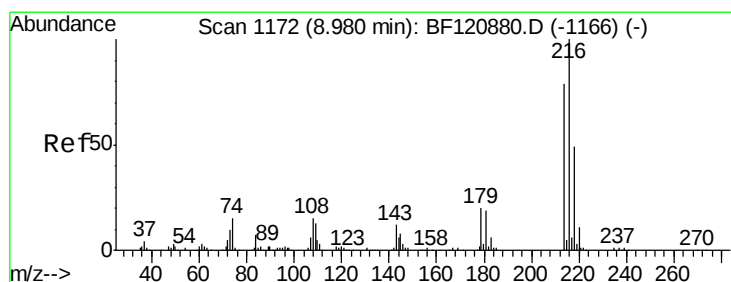
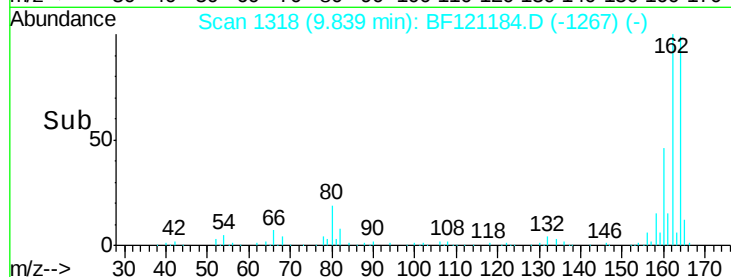
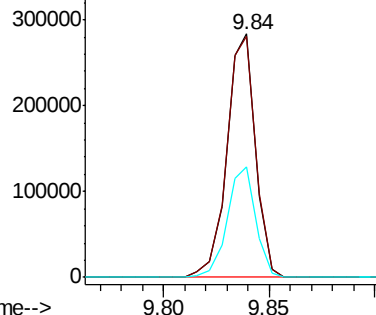
Tot Ion:	164	Resp:	266260
Ion Ratio	Lower	Upper	
164	100		
162	98.8	82.2	123.2
160	45.4	37.2	55.8

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.673 ng

RT: 8.96 min Scan# 1169

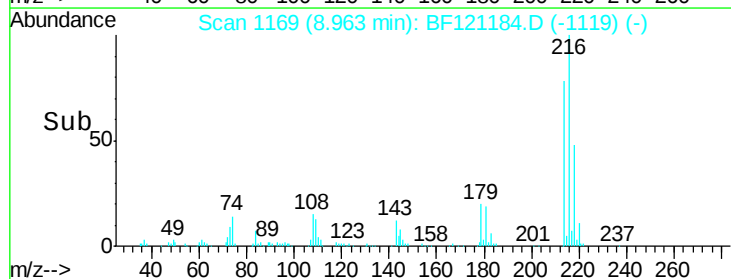
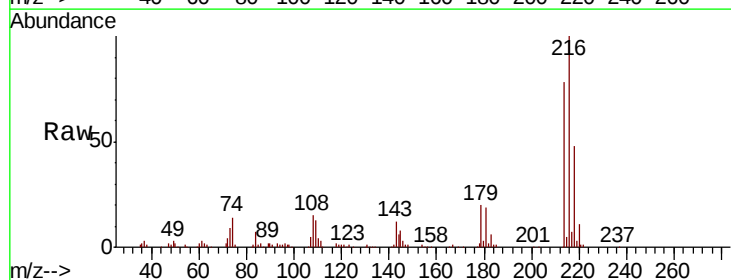
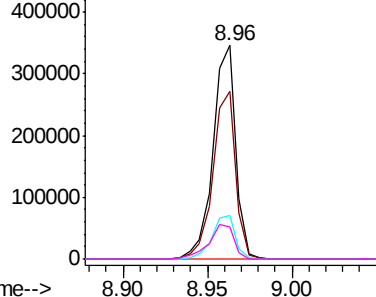
Delta R.T. -0.01 min

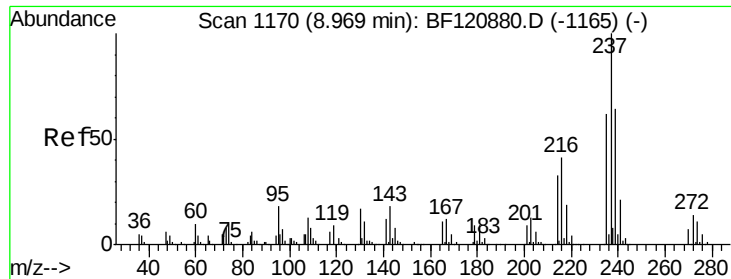
Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	216	Resp:	323284
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.9	95.9
179	20.7	16.6	24.8
108	18.1	15.0	22.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





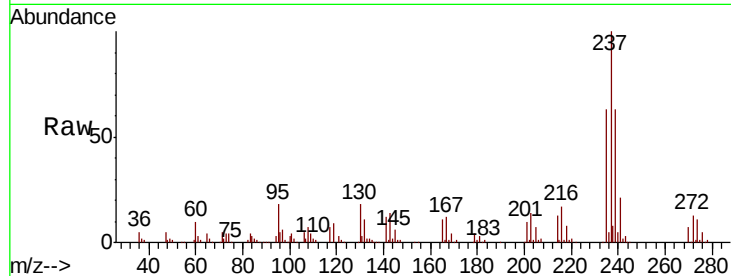
#41
Hexachlorocyclopentadiene
Concen: 34.451 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

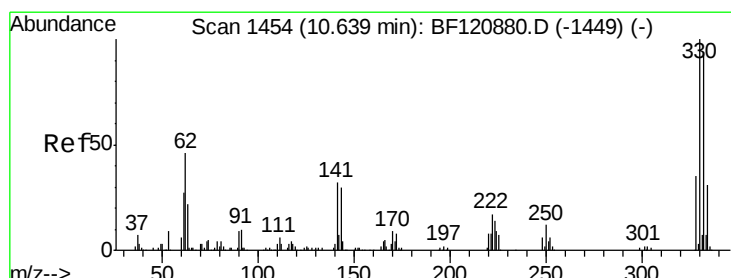
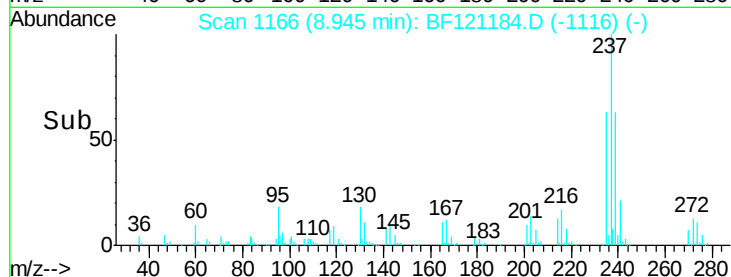
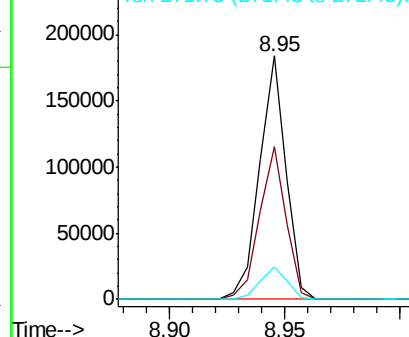
Tot Ion:	237	Resp:	147710
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.2	83.2
272	13.1	0.0	33.6

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM

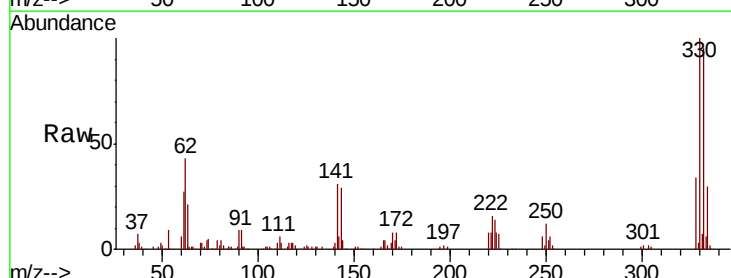


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

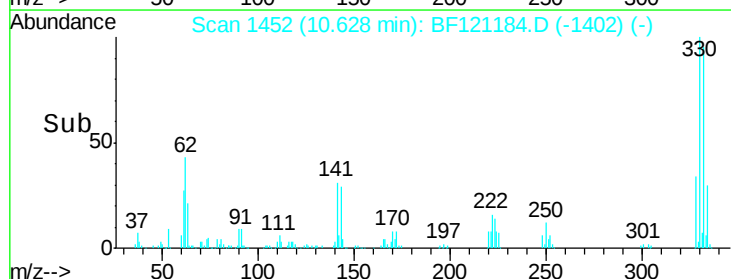
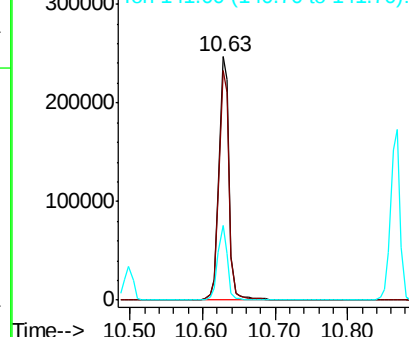


#42
2,4,6-Tribromophenol
Concen: 83.151 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion:	330	Resp:	242343
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.1	114.1
141	29.2	24.1	36.1



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





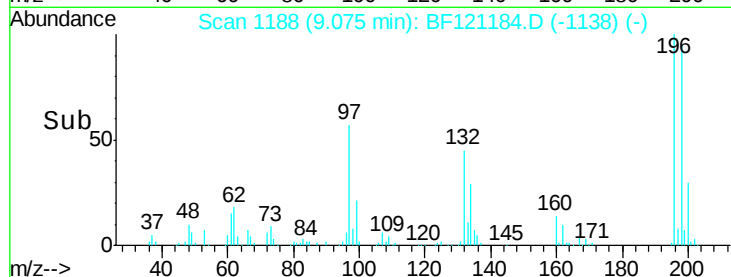
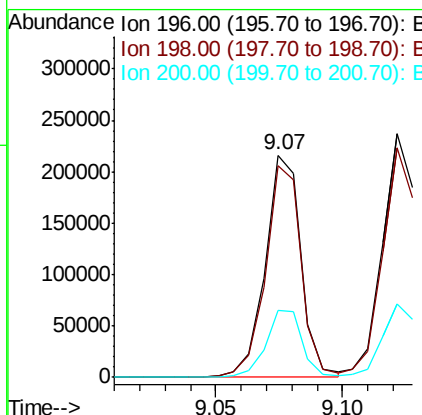
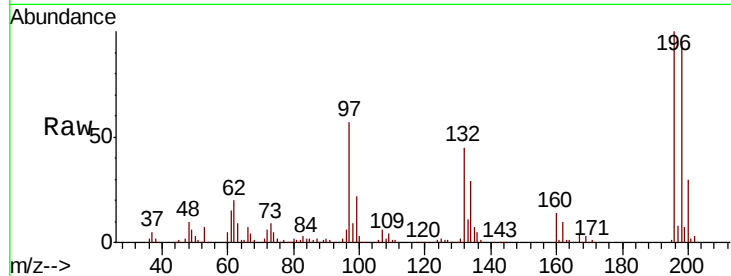
#43
 2,4,6-Trichlorophenol
 Concen: 39.162 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213909		
198	95.1	77.5	116.3	
200	30.3	24.6	37.0	

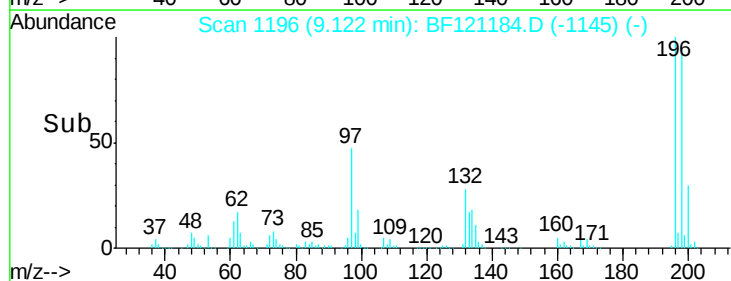
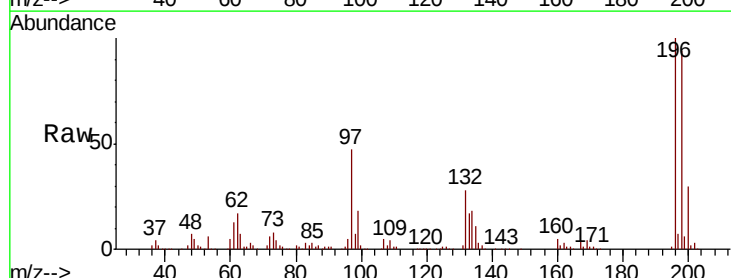
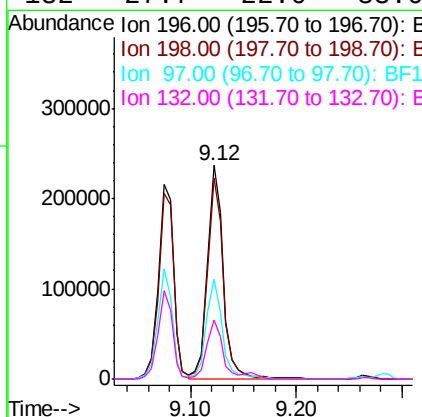
Manual Integrations
 APPROVED

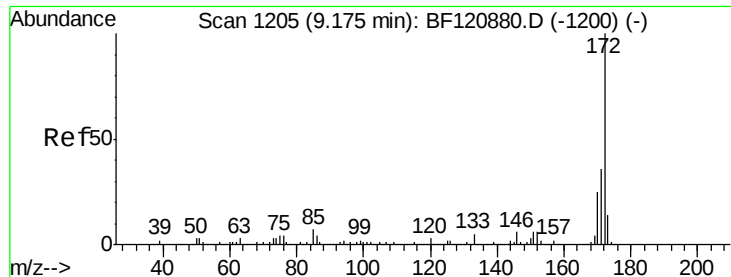
mohammad
 8/6/2020 1:20:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.007 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247879		
198	94.3	76.2	114.4	
97	46.7	37.3	55.9	
132	27.7	22.0	33.0	





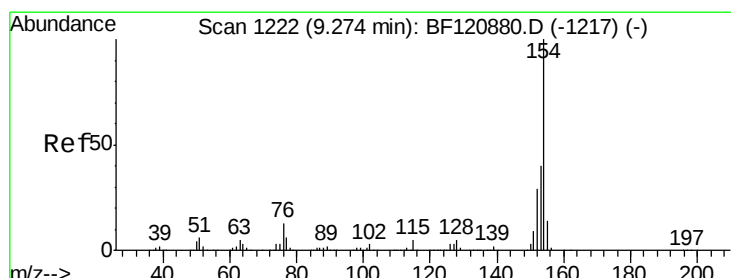
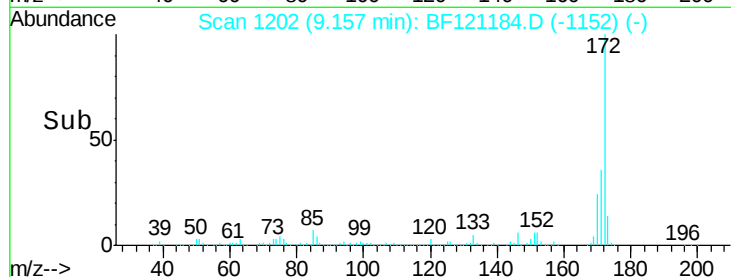
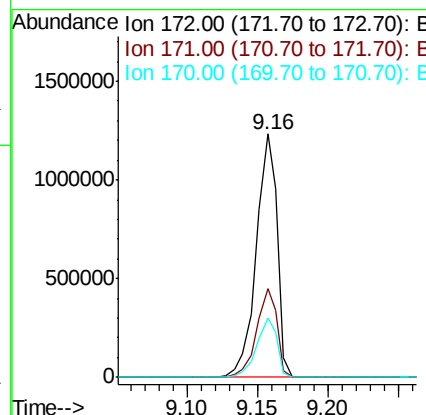
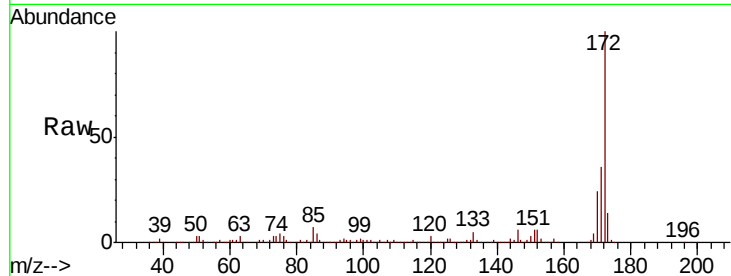
#45
 2-Fluorobiphenyl
 Concen: 72.035 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	19.6	29.4

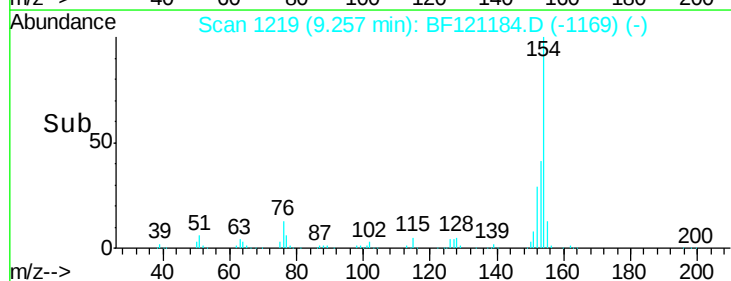
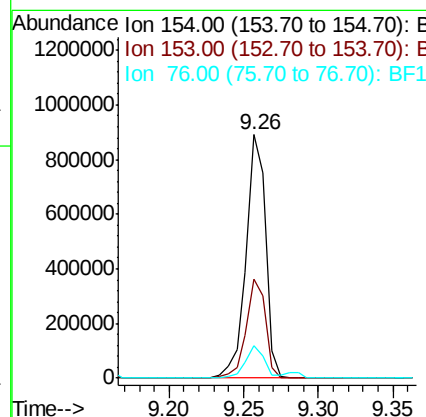
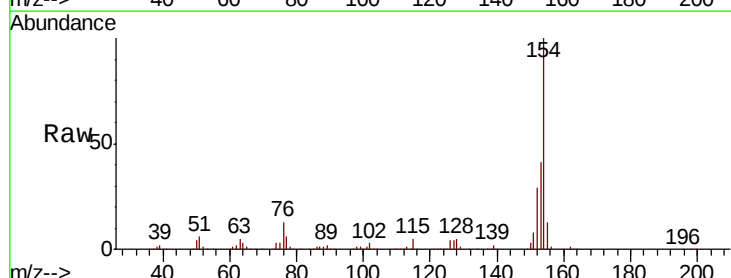
Manual Integrations
 APPROVED

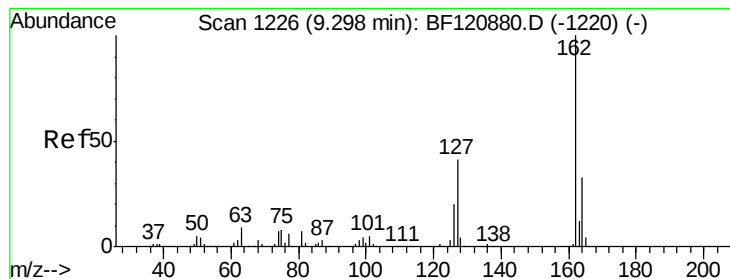
mohammad
 8/6/2020 1:20:52 PM



#46
 1,1'-Biphenyl
 Concen: 39.940 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	13.2	0.0	33.4





#47

2-Chloronaphthalene

Concen: 39.675 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

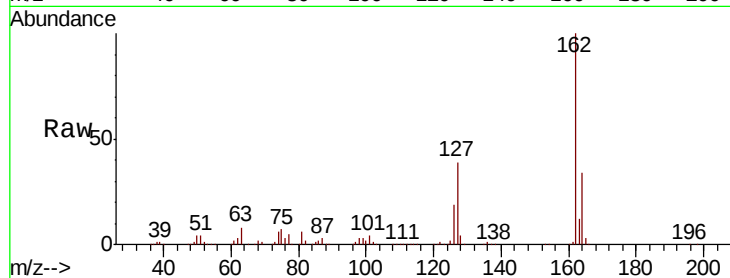
ClientSampleId :

SSTDCCC040

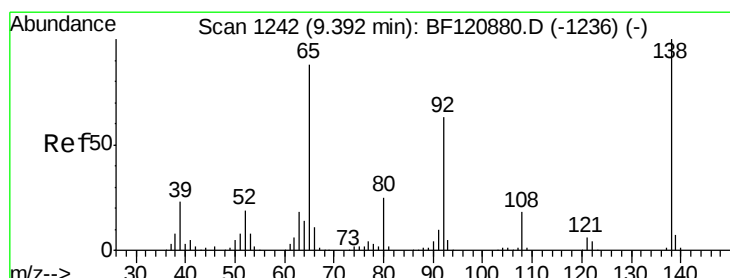
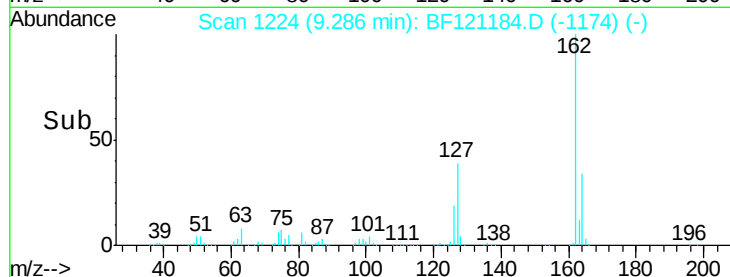
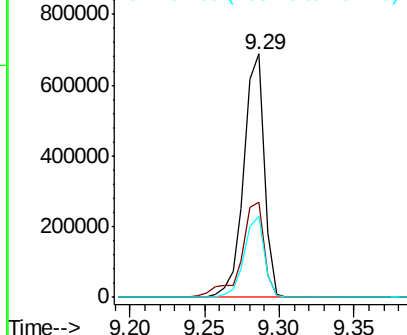
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.0		31.1	46.7	
164	33.5		26.6	40.0	

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 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: 41.689 ng

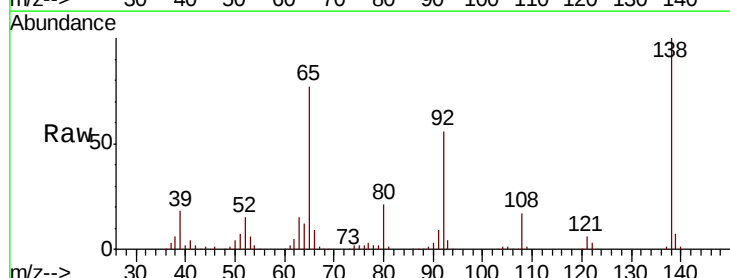
RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

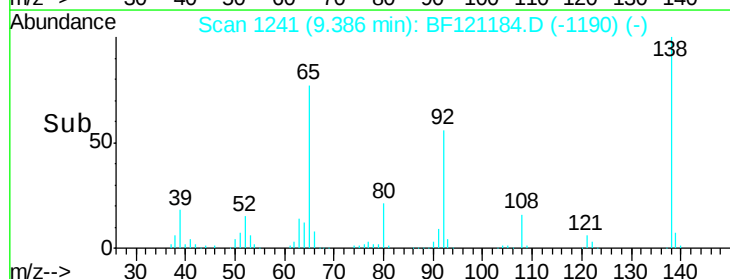
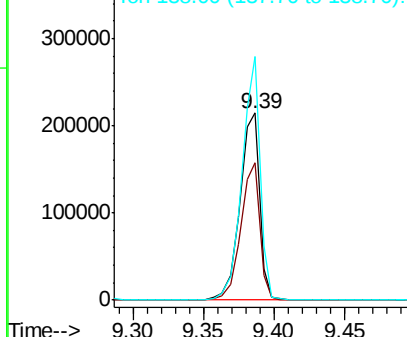
Lab File: BF121184.D

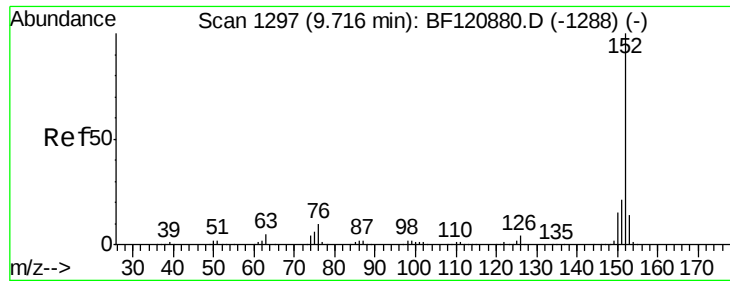
Acq: 5 Aug 2020 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	73.4		58.0	87.0	
138	130.1		93.3	139.9	



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: 39.645 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1019865

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

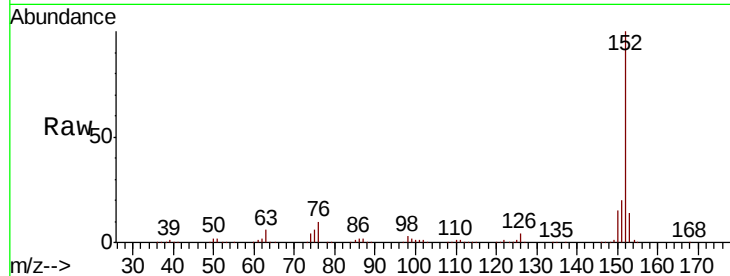
153 13.6 11.0 16.4

Manual Integrations

APPROVED

mohammad

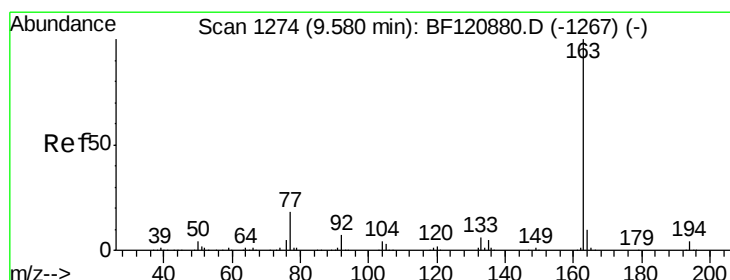
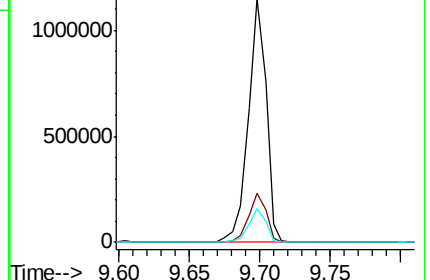
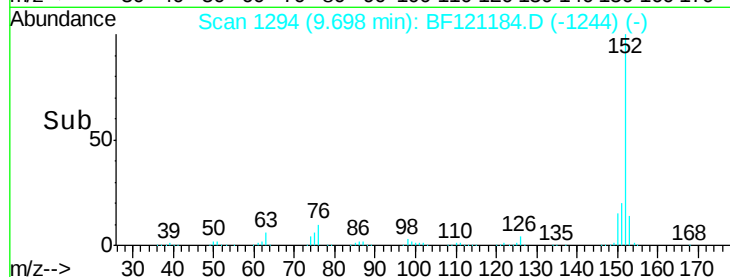
8/6/2020 1:20:52 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.282 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

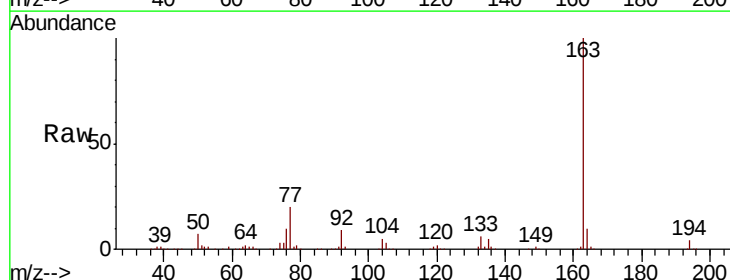
Tgt Ion:163 Resp: 773777

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

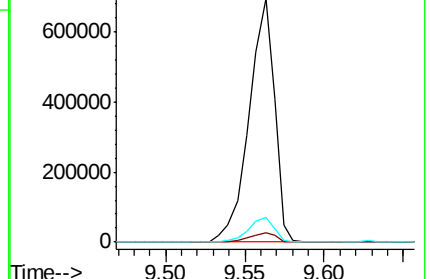
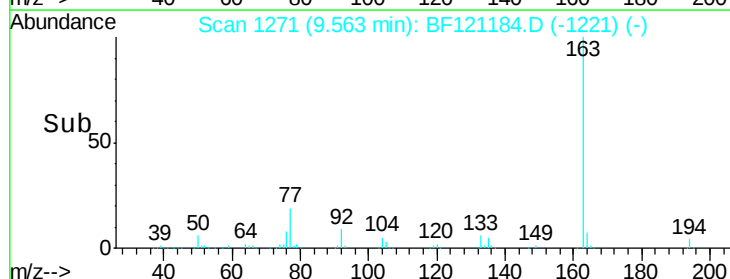
164 10.2 8.4 12.6

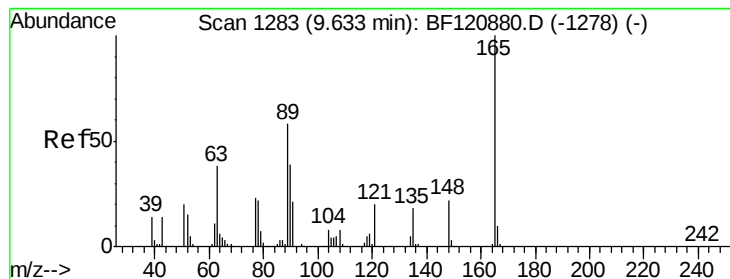


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.916 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 172980

Ion Ratio Lower Upper

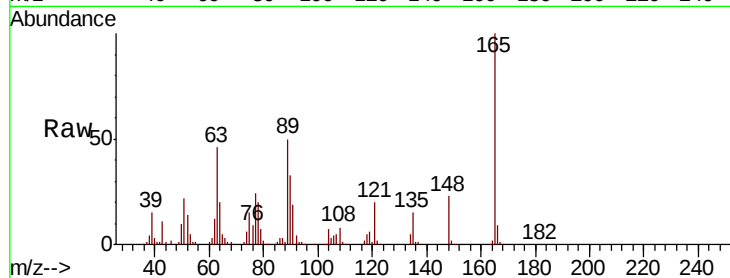
165 100

63 46.3 41.1 61.7

89 49.7 43.5 65.3

Manual Integrations
APPROVED

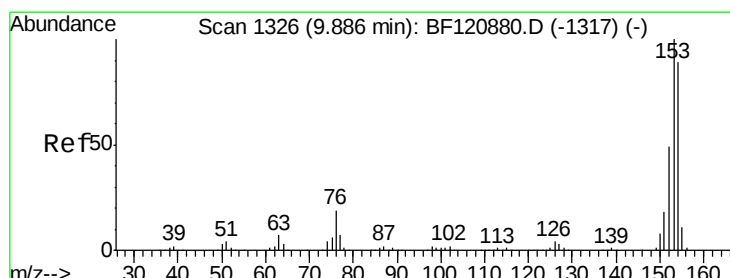
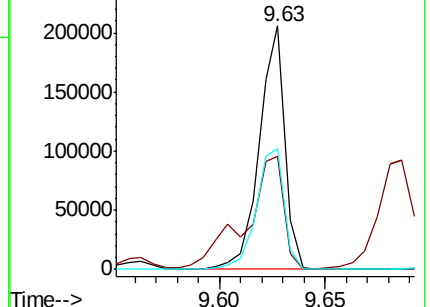
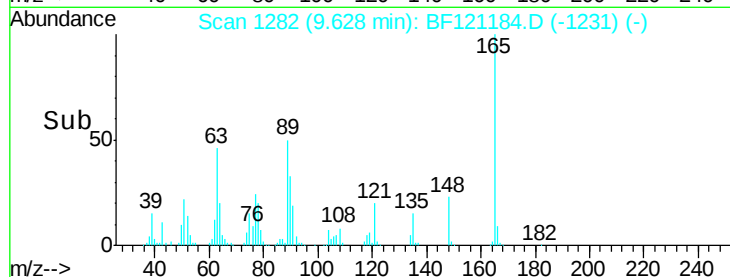
mohammad
8/6/2020 1:20:52 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.016 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

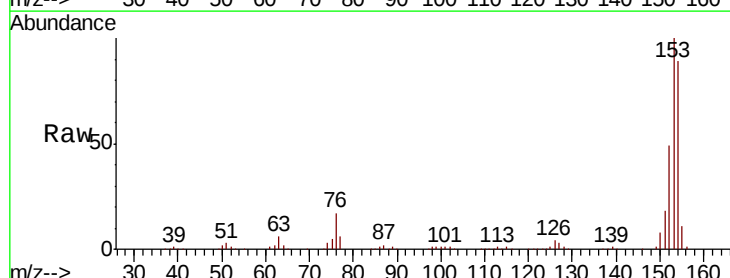
Tgt Ion:154 Resp: 605395

Ion Ratio Lower Upper

154 100

153 111.7 89.6 134.4

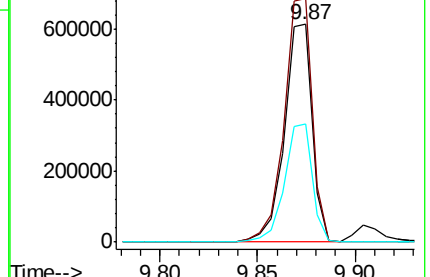
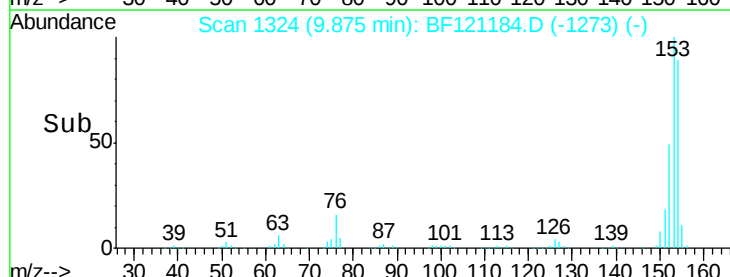
152 54.3 43.8 65.6

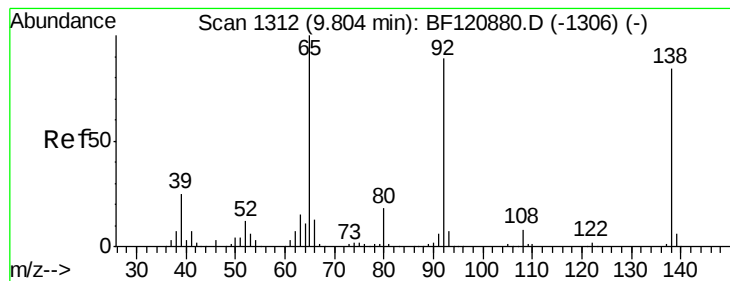


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.822 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

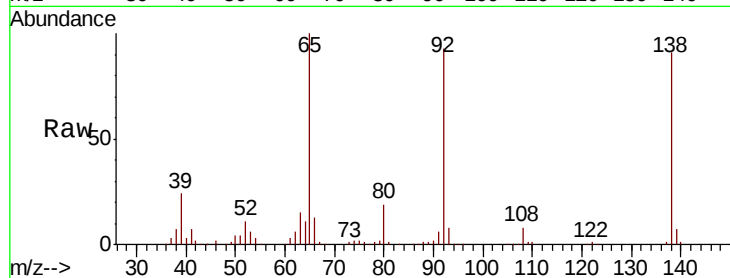
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.8
92	103.0	85.0	127.4

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM

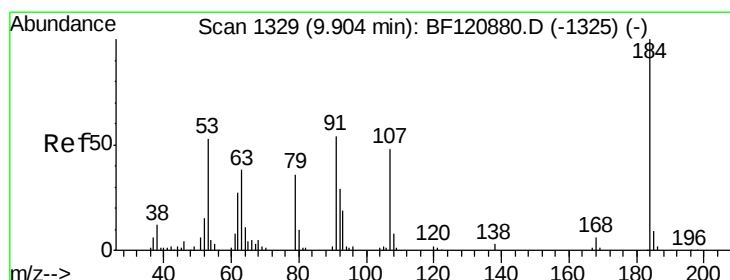
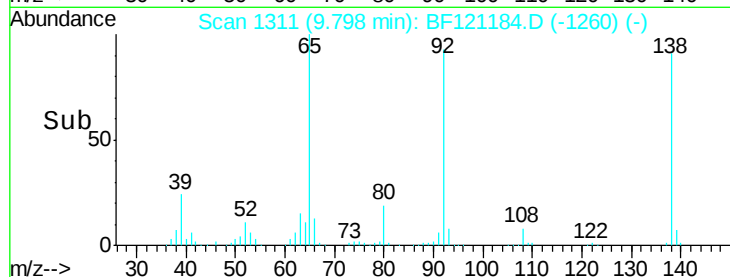
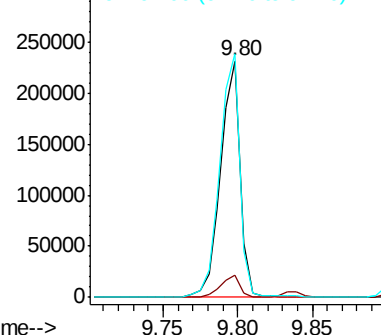


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 38.226 ng

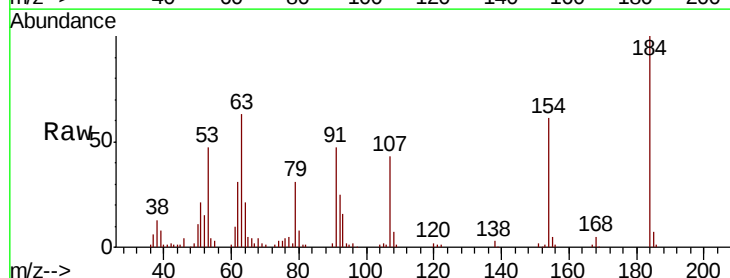
RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	42.5	63.7
154	60.6	46.8	70.2

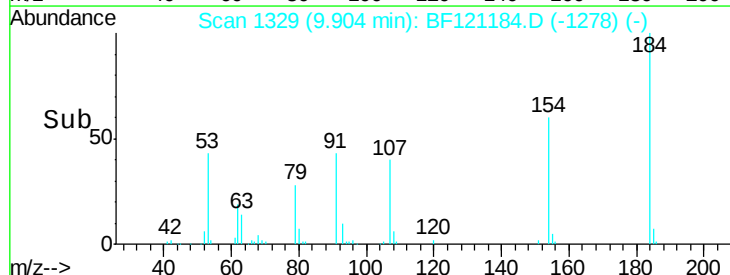
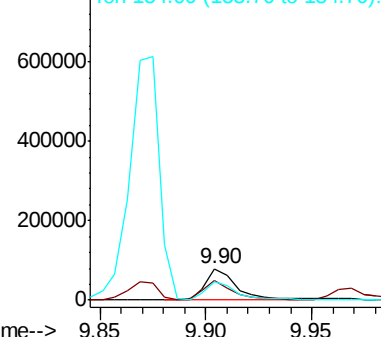


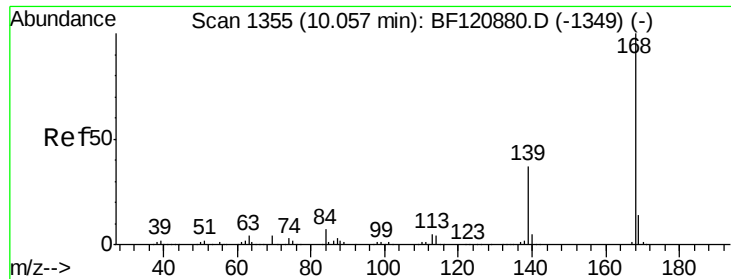
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





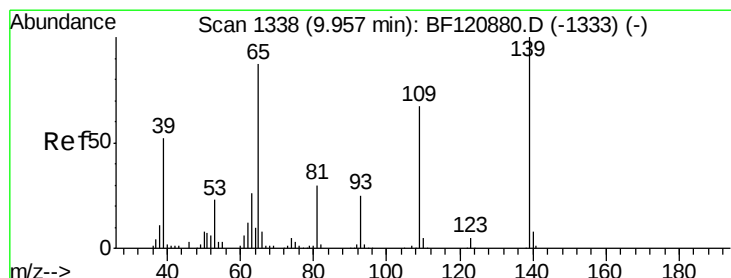
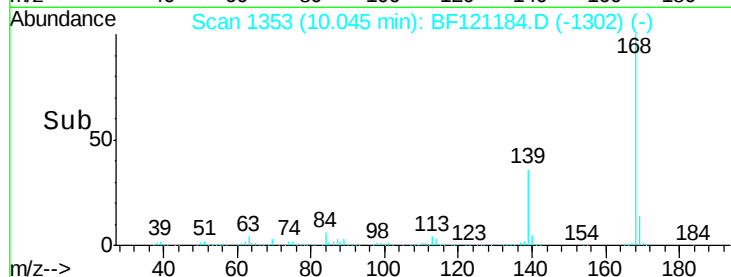
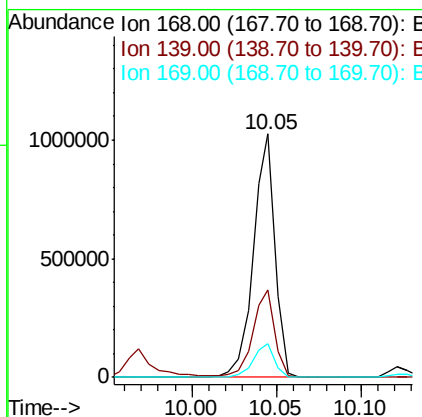
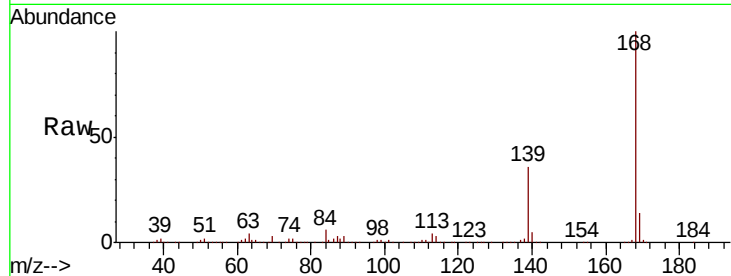
#55
Dibenzofuran
Concen: 38.669 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	13.6	11.3	16.9

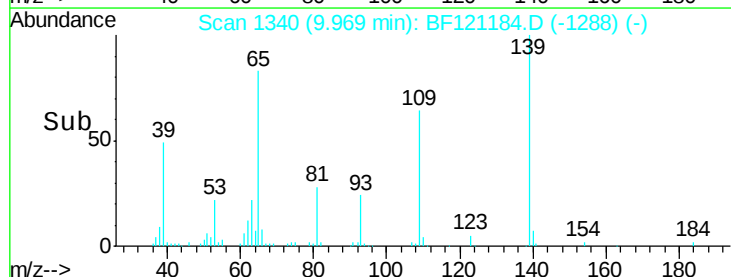
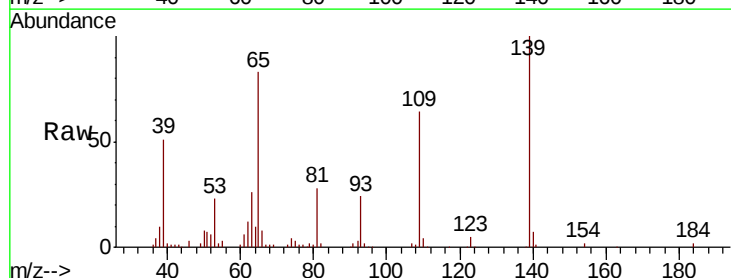
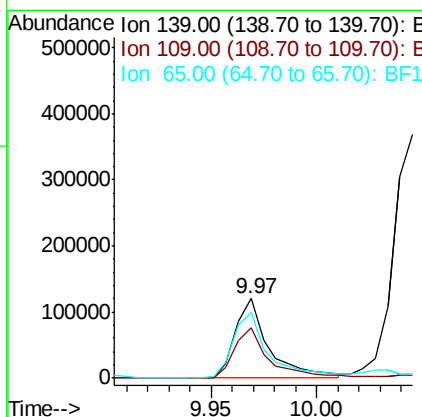
Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#56
4-Nitrophenol
Concen: 33.676 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	44.8	84.8
65	83.2	65.6	105.6





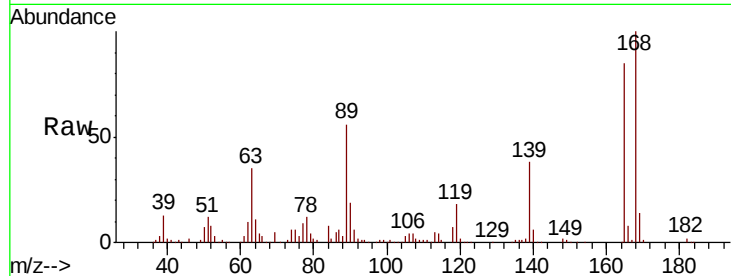
#57
 2,4-Dinitrotoluene
 Concen: 42.317 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

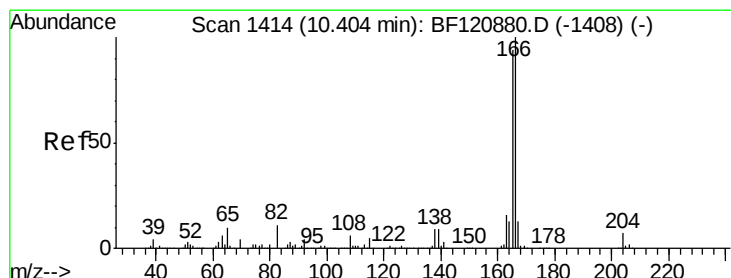
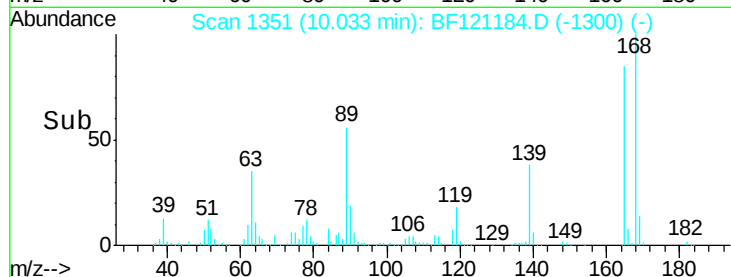
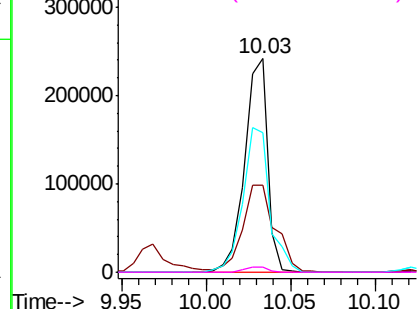
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.6	29.8	44.8	
89	65.3	50.3	75.5	
182	2.5	2.1	3.1	

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:20:52 PM

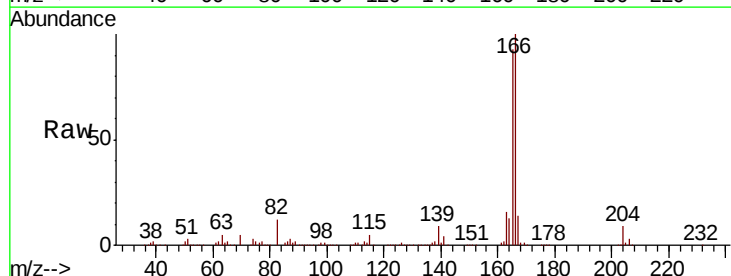


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

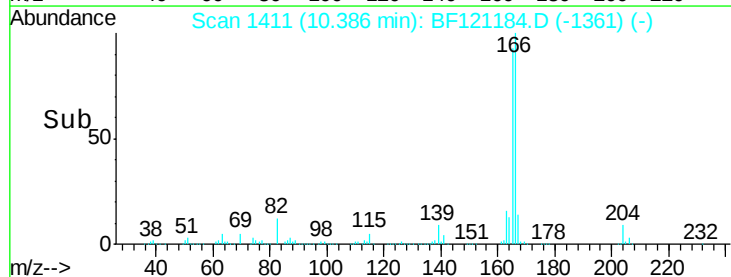
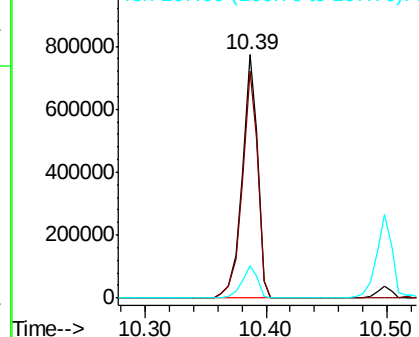


#58
 Fluorene
 Concen: 39.099 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.1	76.4	114.6	
167	13.6	10.7	16.1	



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





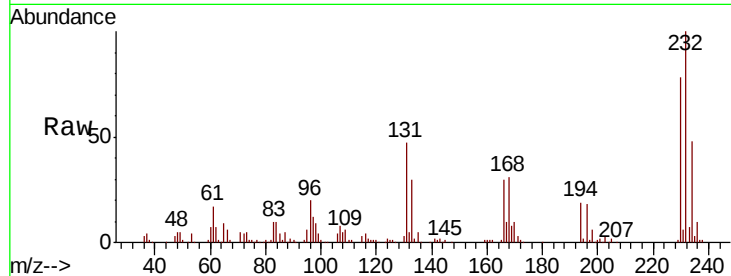
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.338 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

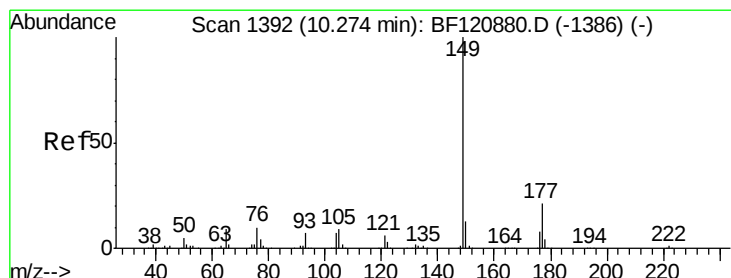
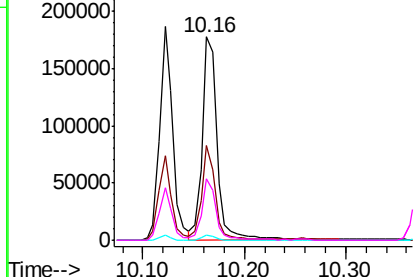
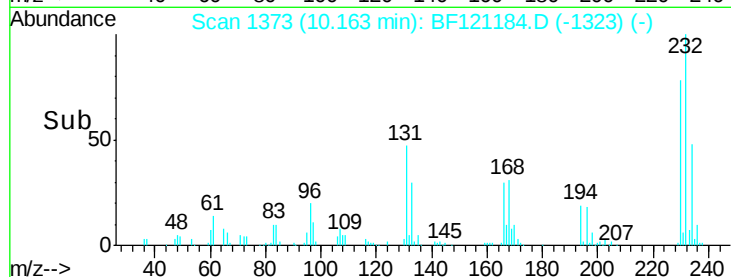
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		180857		
131	41.9	34.2	51.2		
130	2.1	1.7	2.5		
166	28.0	23.1	34.7		

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:20:52 PM

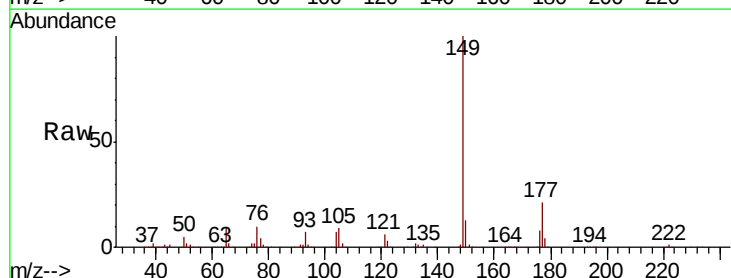


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

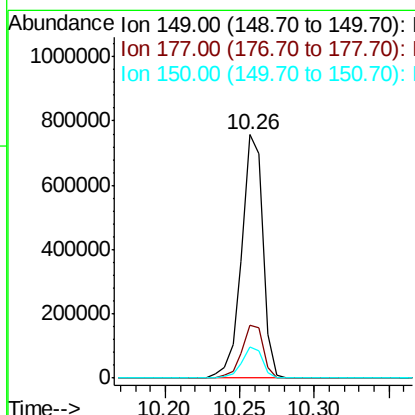
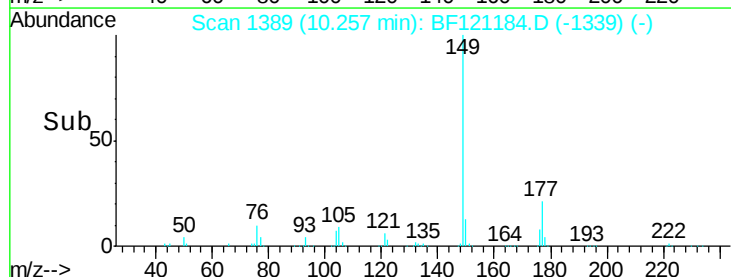


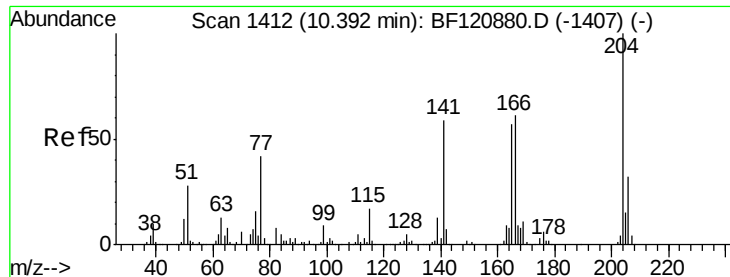
#60
 Diethylphthalate
 Concen: 38.628 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		750529		
177	21.5	17.6	26.4		
150	12.8	10.2	15.4		



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





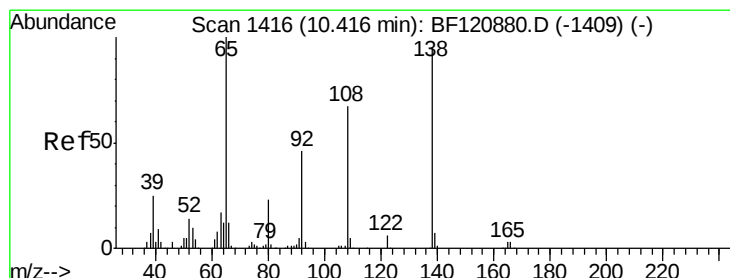
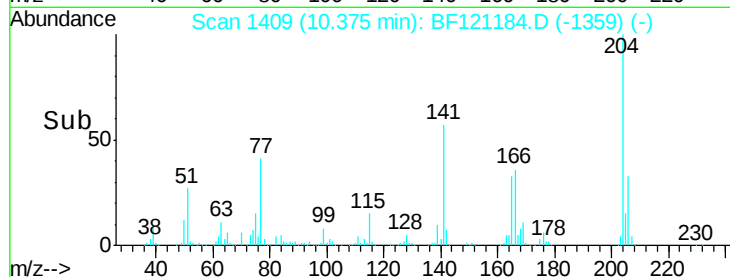
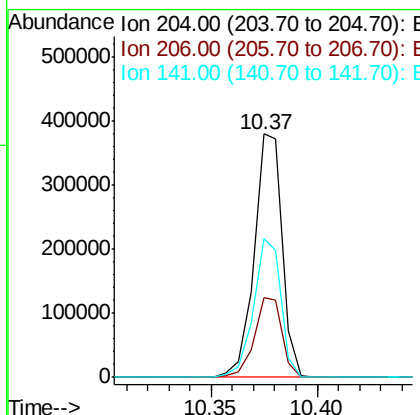
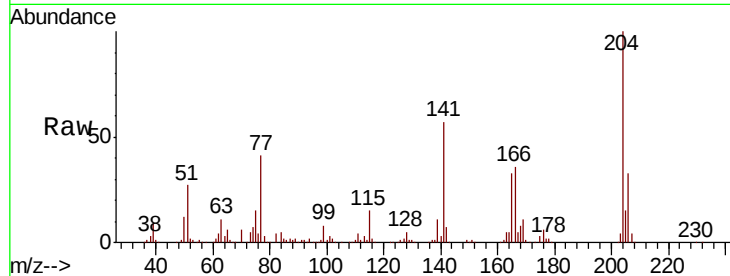
#61
4-Chlorophenyl-phenylether
Concen: 37.245 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	56.9	46.9	70.3

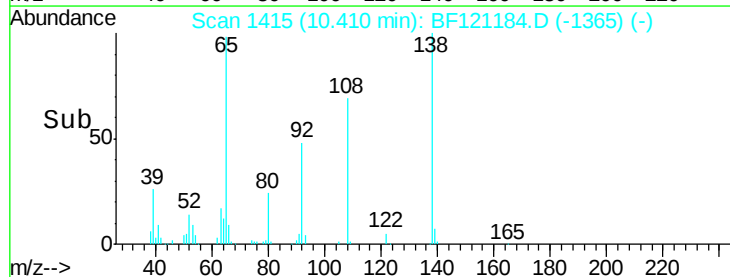
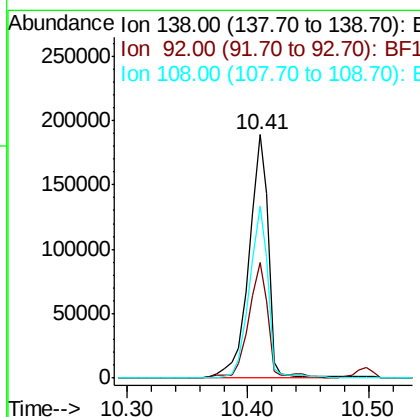
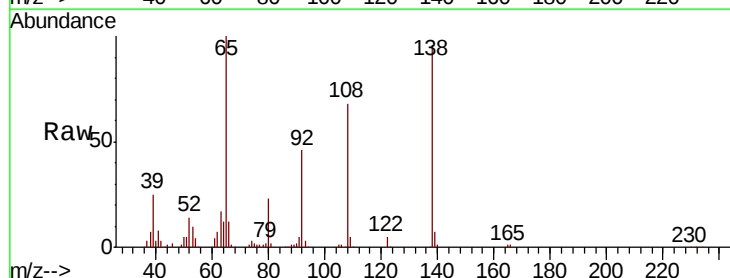
Manual Integrations
APPROVED

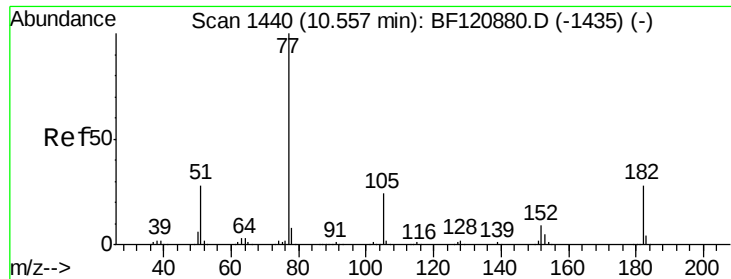
mohammad
8/6/2020 1:20:52 PM



#62
4-Nitroaniline
Concen: 42.164 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	25.2	65.2
108	70.7	46.7	86.7





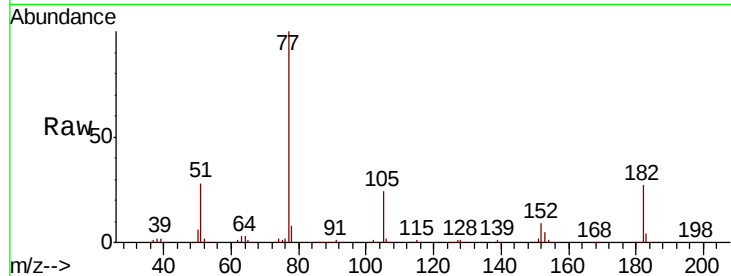
#63
Azobenzene
Concen: 38.173 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

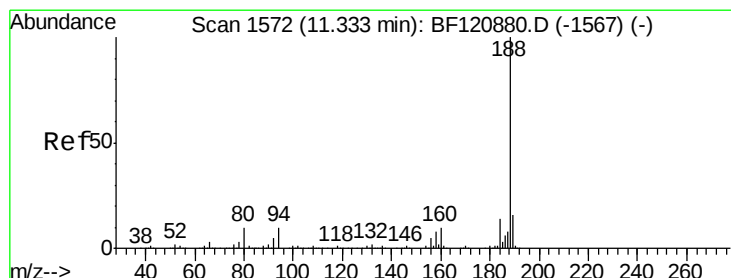
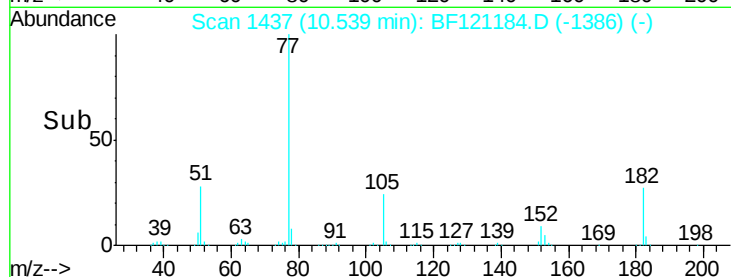
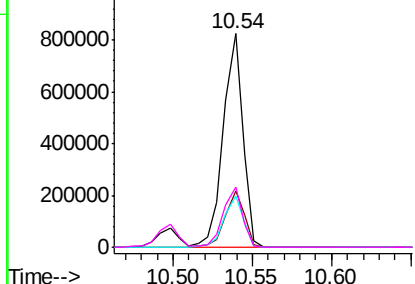
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	4.5	44.5	
105	24.2	3.4	43.4	
51	28.2	8.7	48.7	

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM

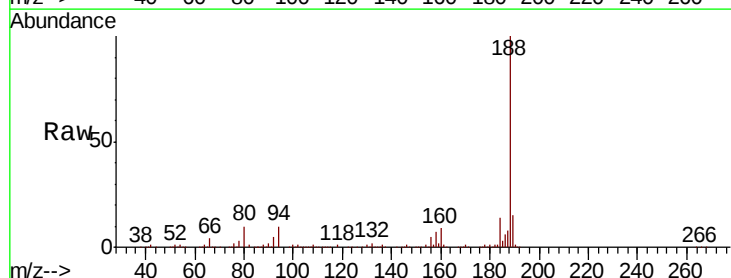


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

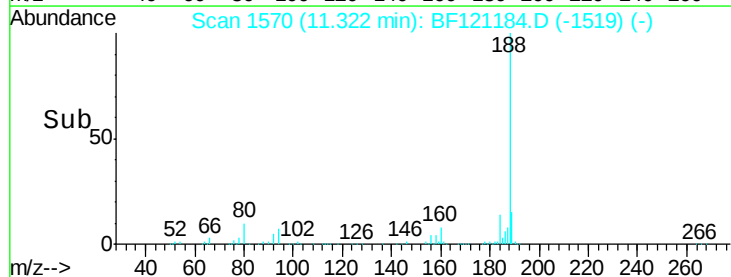
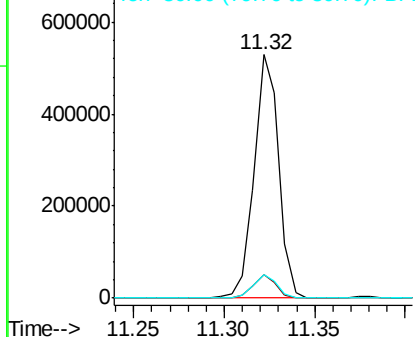


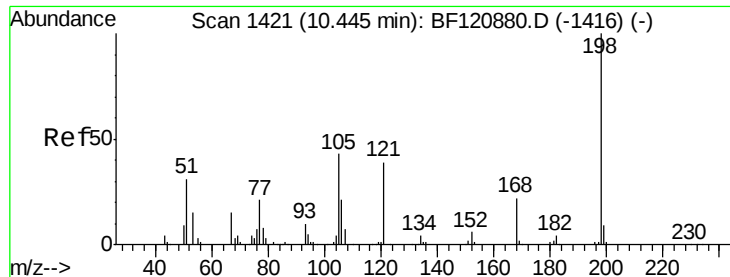
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	8.0	12.0	
80	9.8	8.3	12.5	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





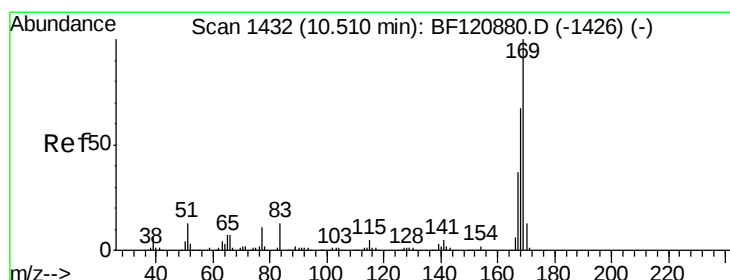
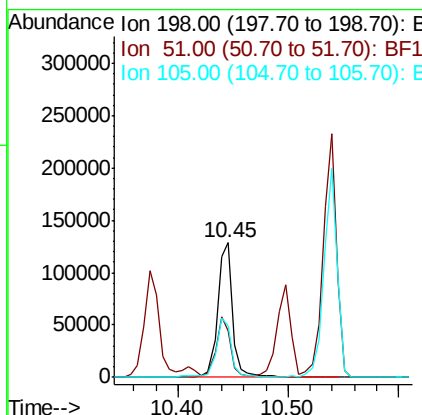
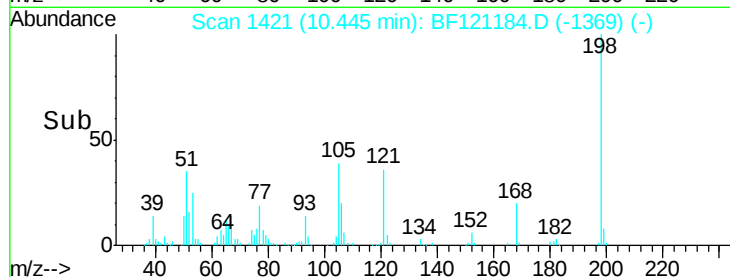
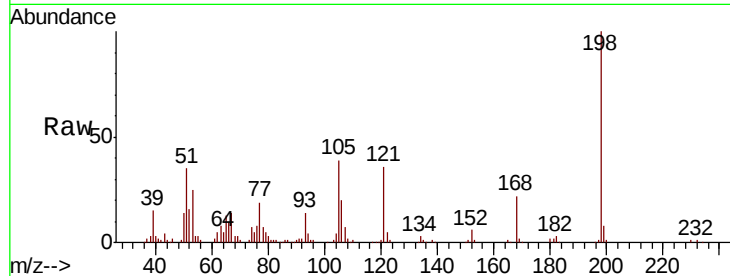
#65
4,6-Dinitro-2-methylphenol
Concen: 42.350 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	120536		
51	35.0		23.4	63.4
105	38.6		23.7	63.7

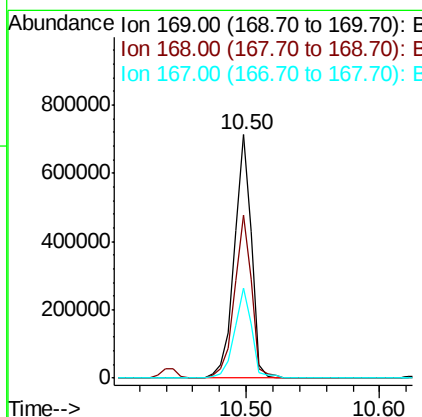
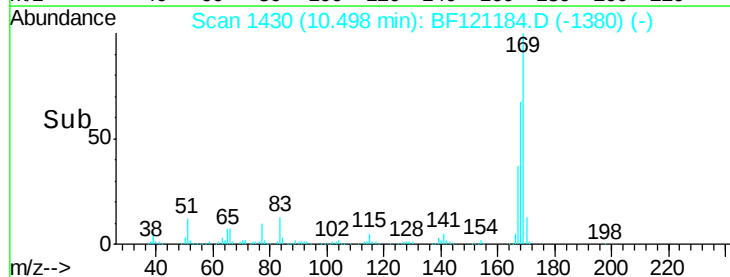
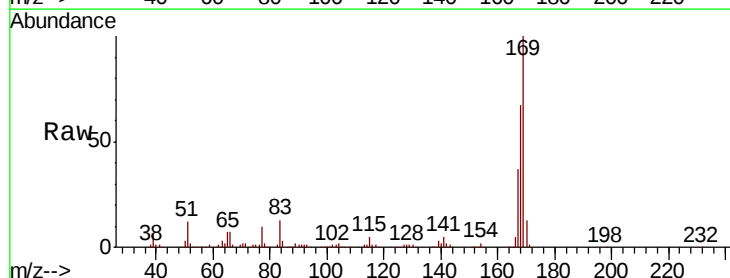
Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#66
n-Nitrosodiphenylamine
Concen: 40.749 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	637796		
168	66.7		53.7	80.5
167	37.0		30.0	45.0





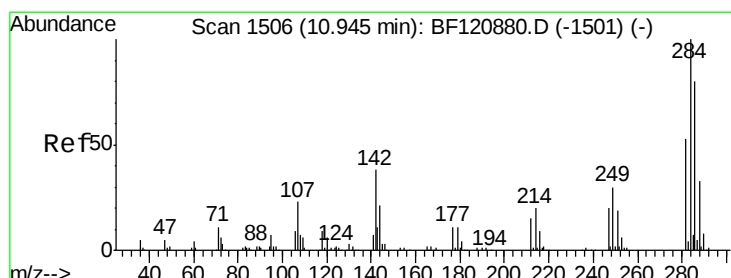
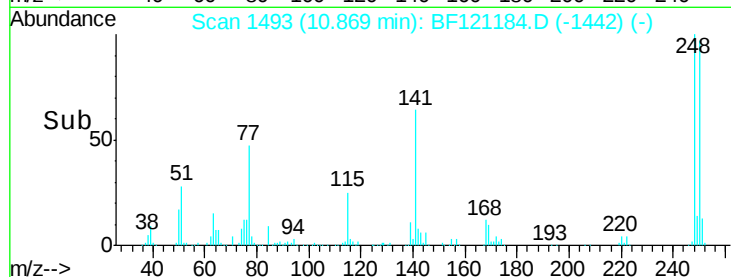
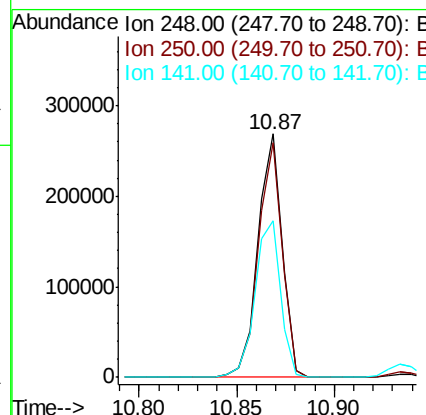
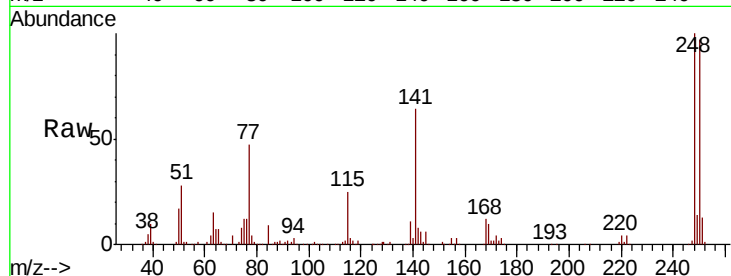
#67
 4-Bromophenyl-phenylether
 Concen: 41.702 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	64.1	56.6	85.0

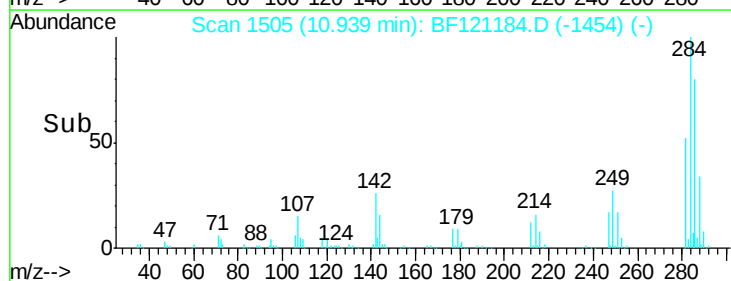
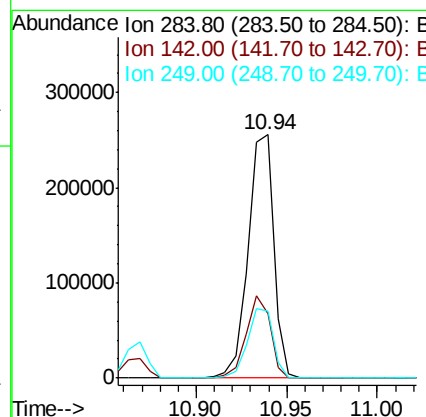
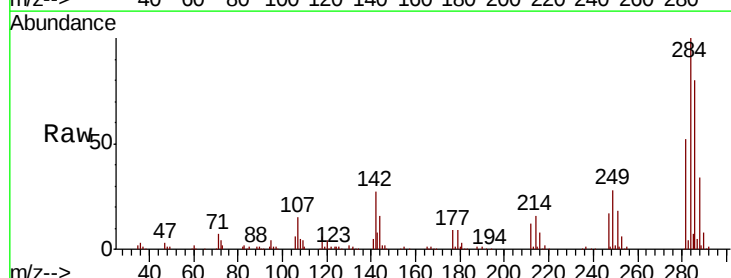
Manual Integrations
 APPROVED

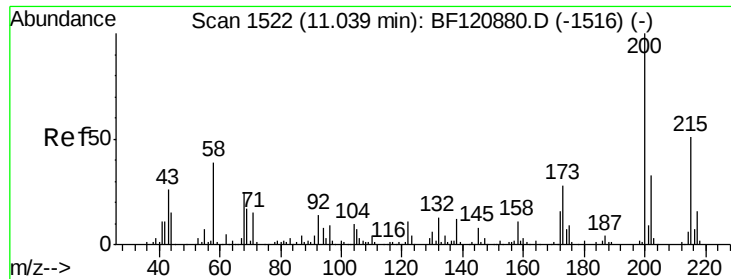
mohammad
 8/6/2020 1:20:52 PM



#68
 Hexachlorobenzene
 Concen: 41.780 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	21.1	31.7
249	27.6	22.5	33.7





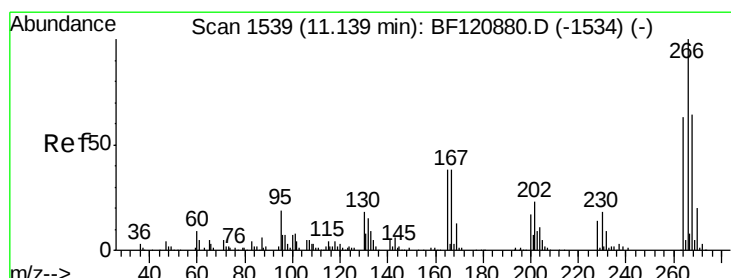
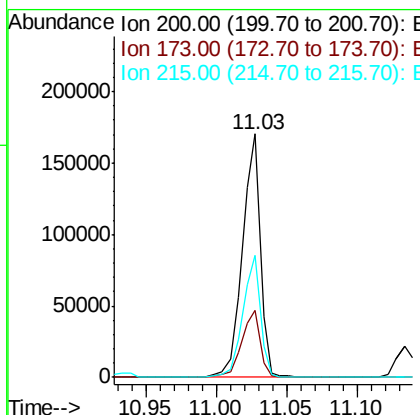
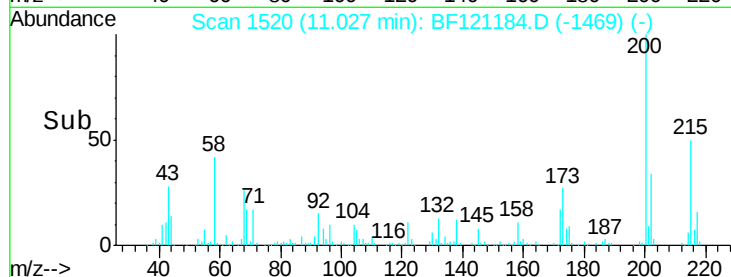
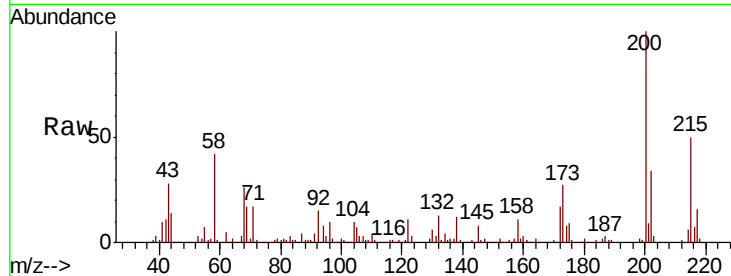
#69
Atrazine
Concen: 38.924 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.9	28.8	68.8

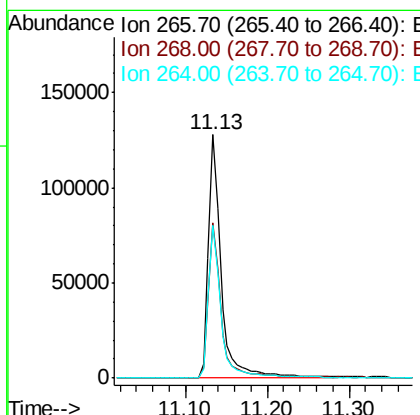
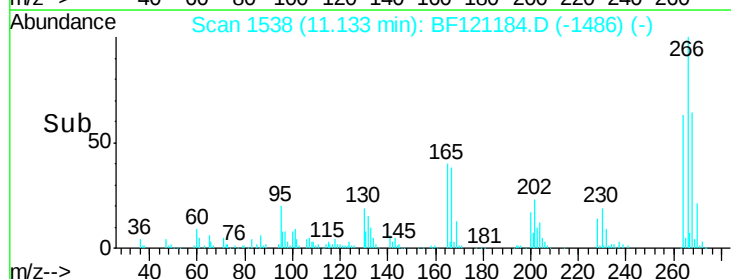
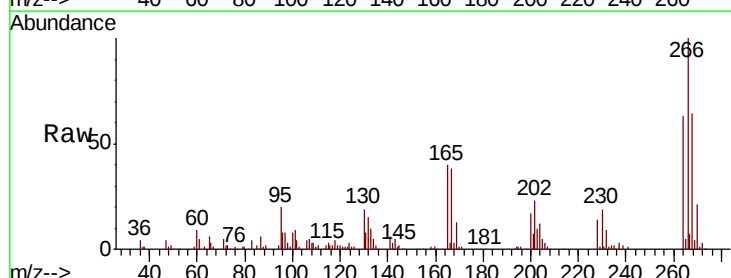
Manual Integrations
APPROVED

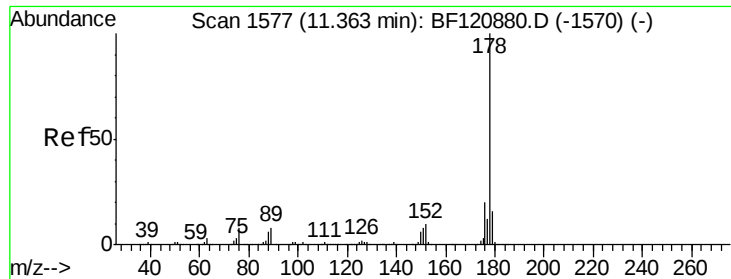
mohammad
8/6/2020 1:20:52 PM



#70
Pentachlorophenol
Concen: 41.127 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.7	74.5
264	62.6	50.4	75.6





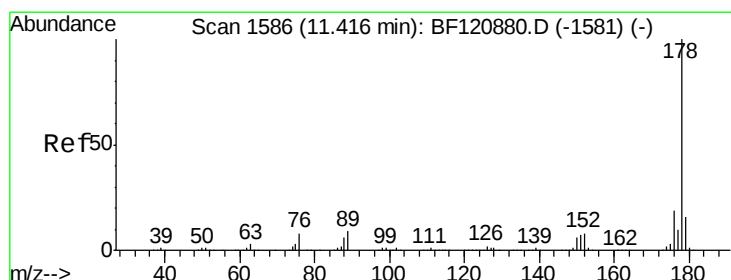
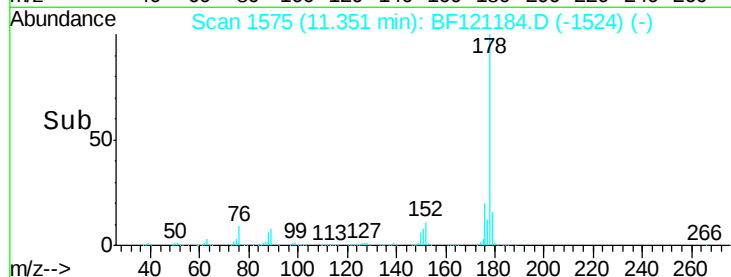
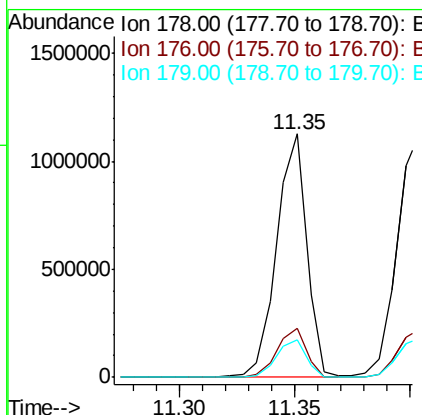
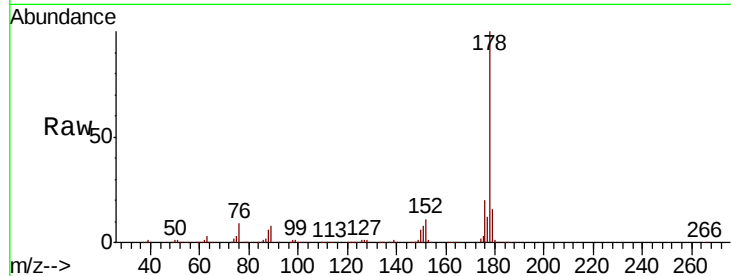
#71
Phenanthrene
Concen: 39.780 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1017925
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.6 12.6 19.0

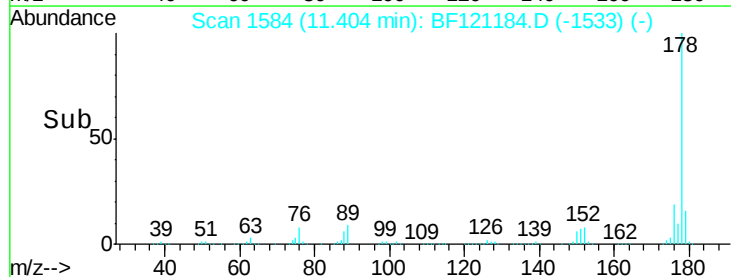
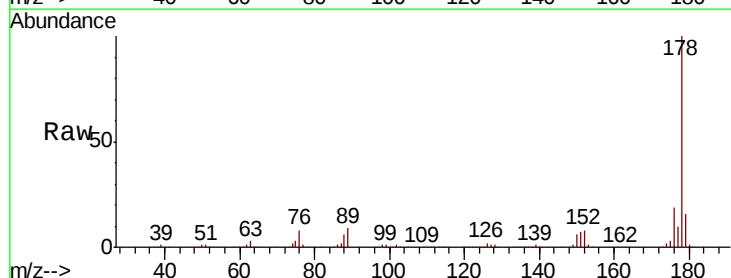
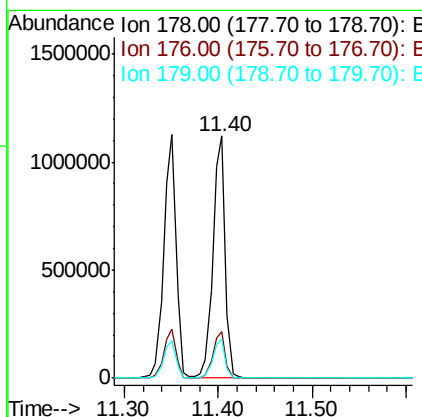
Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#72
Anthracene
Concen: 40.654 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion:178 Resp: 1044590
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 12.6 19.0





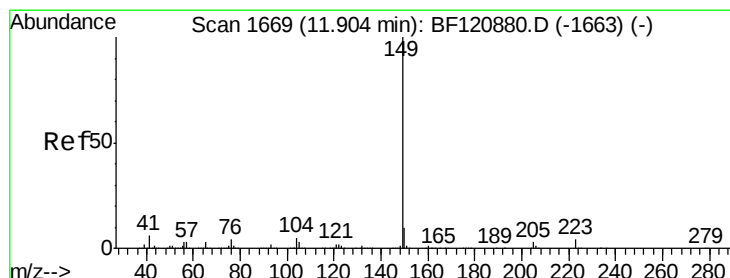
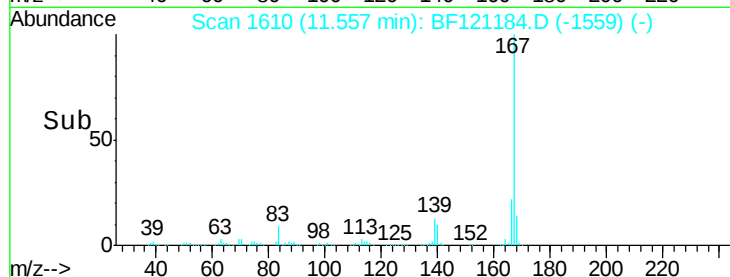
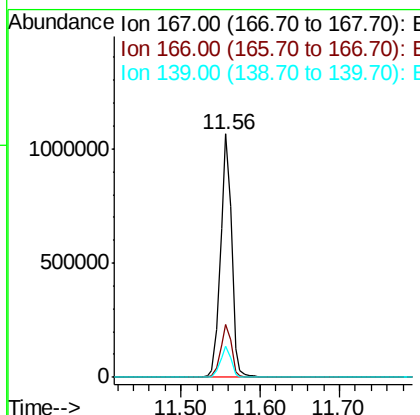
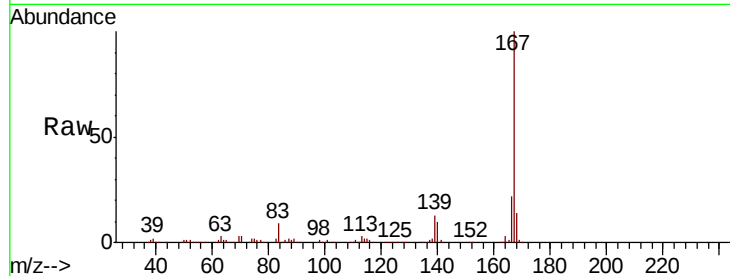
#73
 Carbazole
 Concen: 40.438 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.7	10.5	15.7

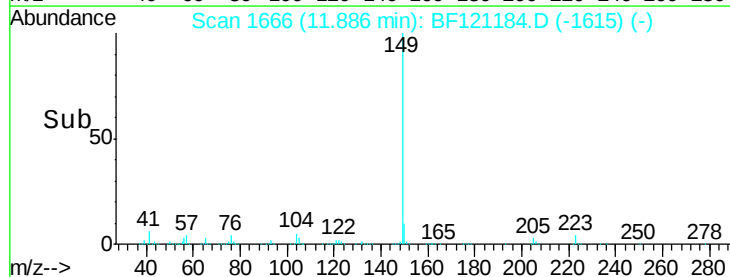
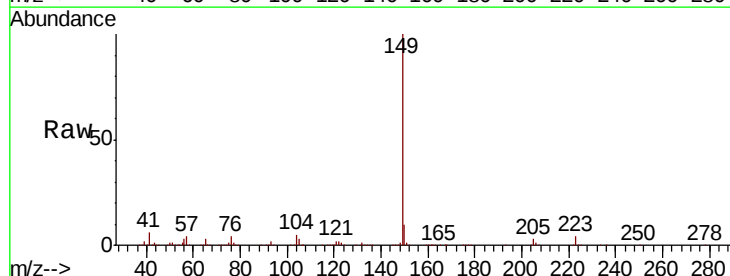
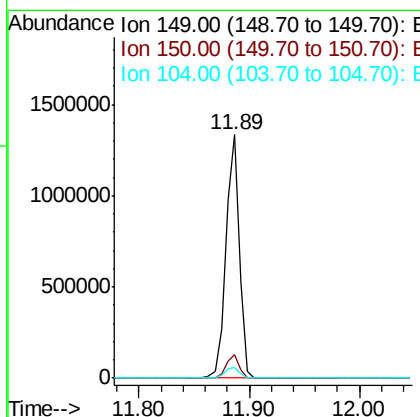
Manual Integrations
 APPROVED

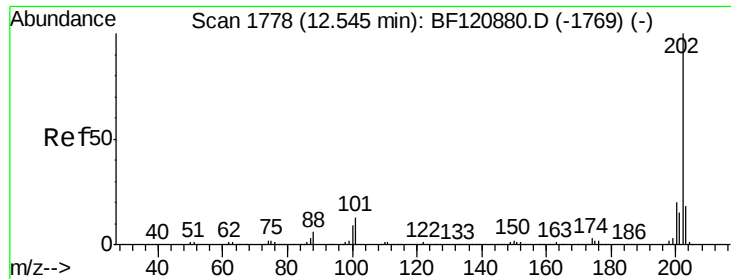
mohammad
 8/6/2020 1:20:52 PM



#74
 Di-n-butylphthalate
 Concen: 38.469 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.6	3.9	5.9





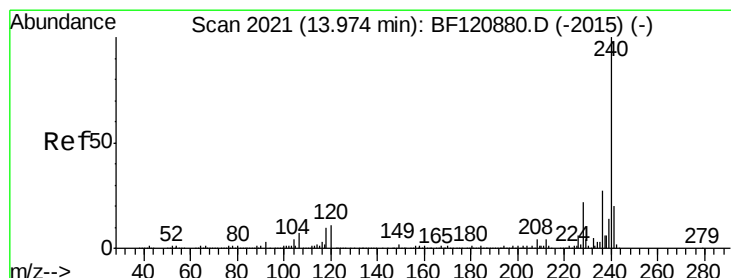
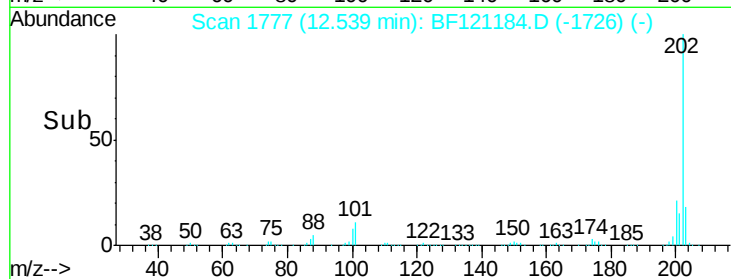
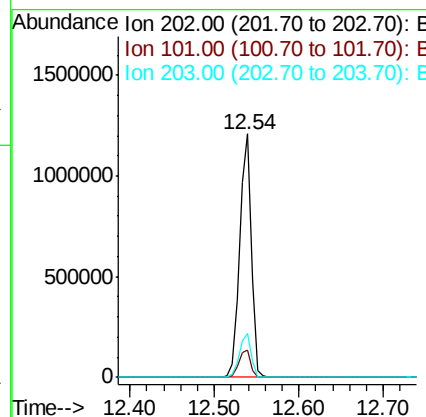
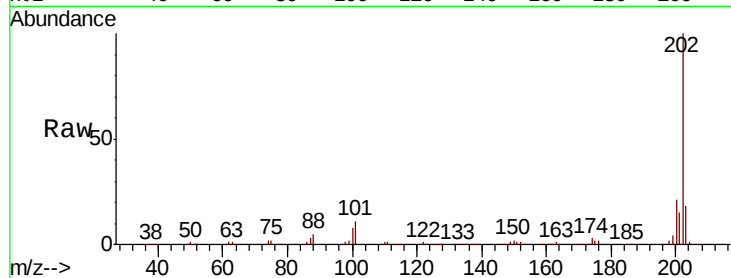
#75
Fluoranthene
Concen: 39.506 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1120517		
101	11.4	0.0	30.5	
203	18.0	0.0	37.7	

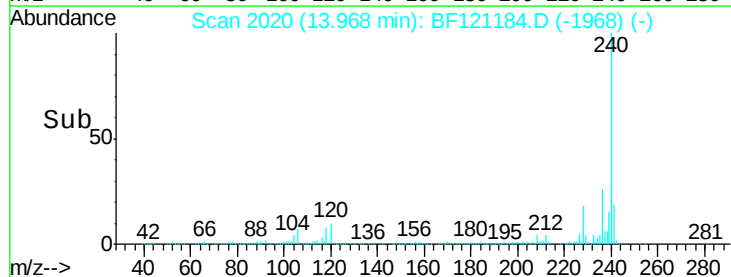
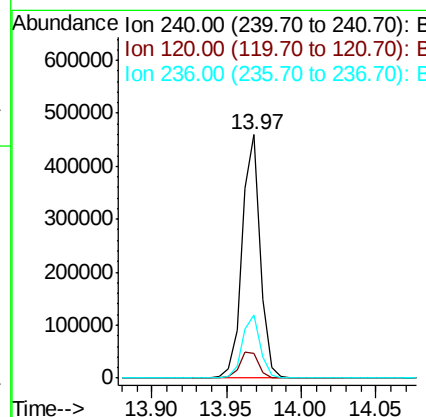
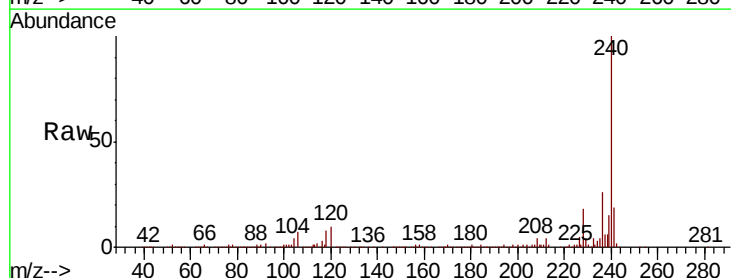
Manual Integrations
APPROVED

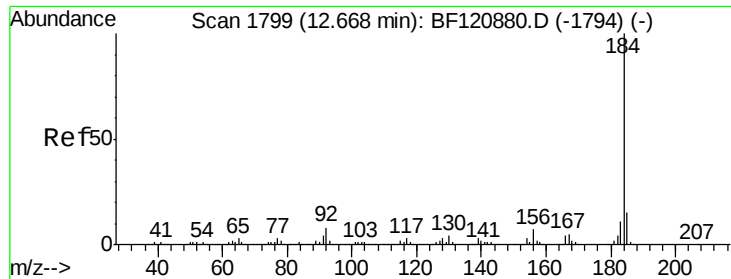
mohammad
8/6/2020 1:20:52 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	389537		
120	10.3	9.3	13.9	
236	26.0	21.1	31.7	





#77

Benzidine

Concen: 36.449 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

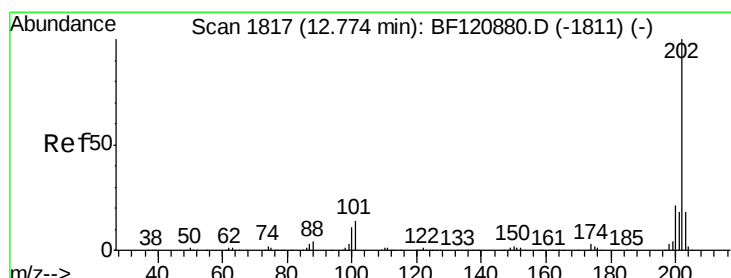
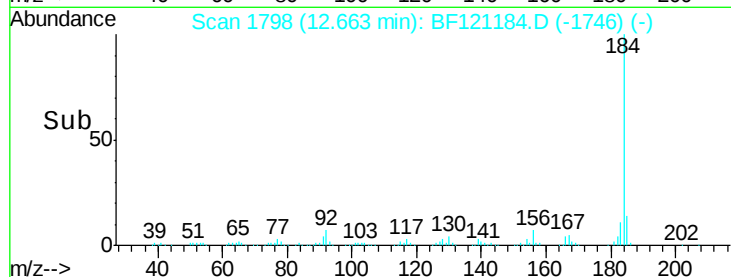
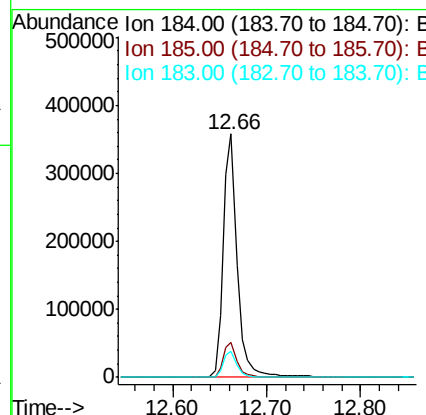
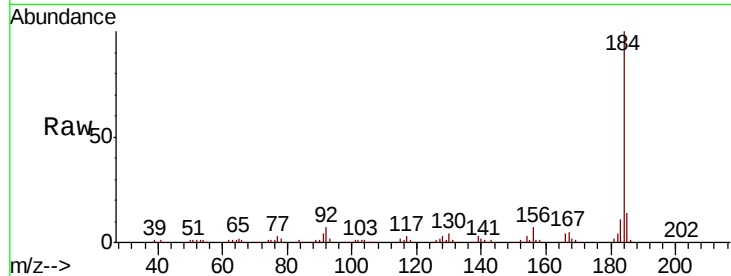
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	373295
Ion Ratio		Lower	Upper
184	100		
185	14.1	12.1	18.1
183	10.9	9.0	13.4

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#78

Pyrene

Concen: 42.279 ng

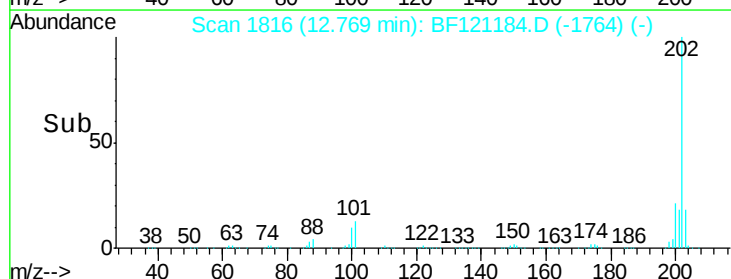
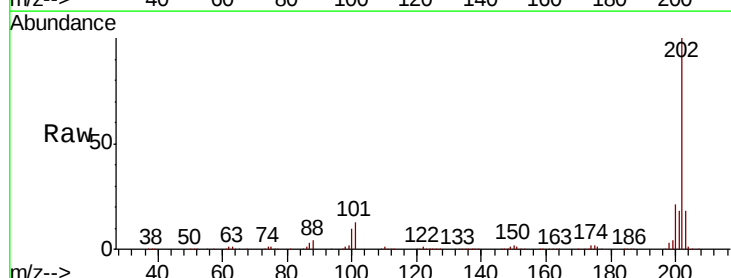
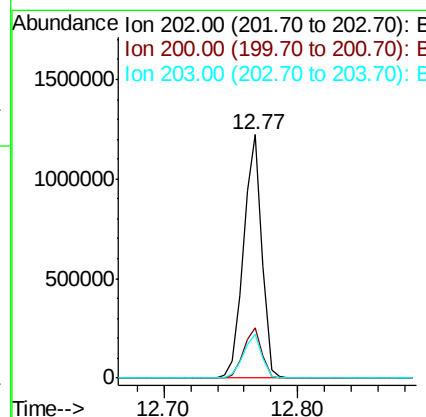
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Tgt Ion:	202	Resp:	1164393
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.0	25.6
203	18.3	14.6	21.8





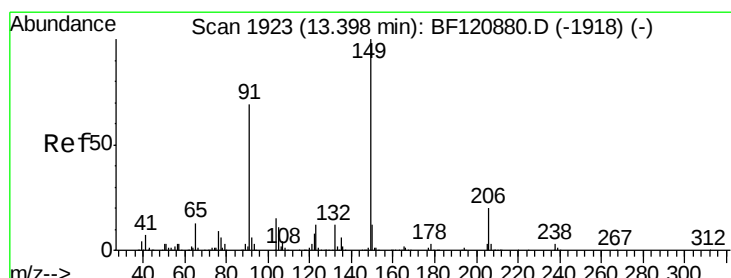
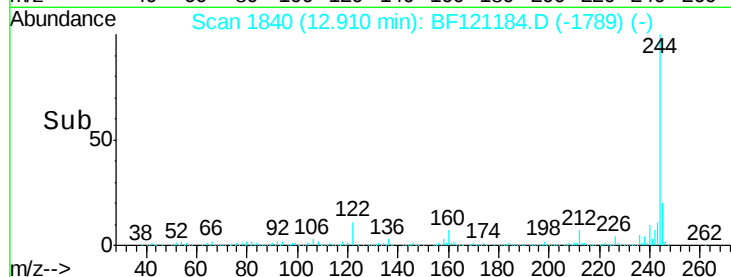
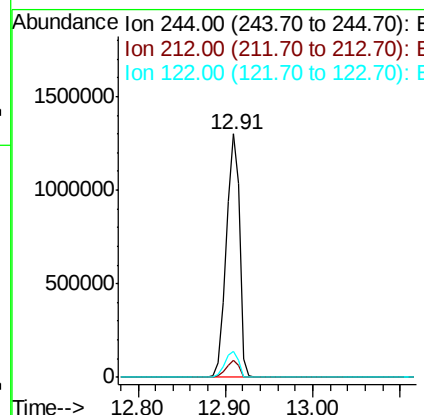
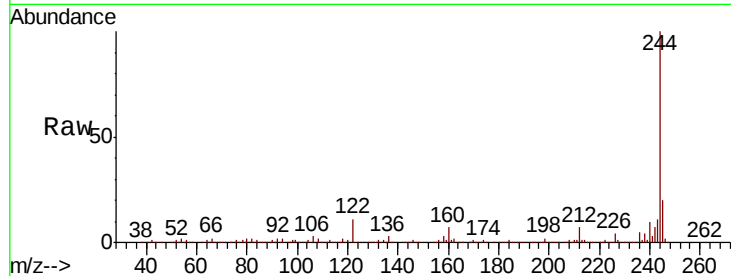
#79
Terphenyl-d14
Concen: 76.664 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:244 Resp: 1373804
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.9 8.3 12.5

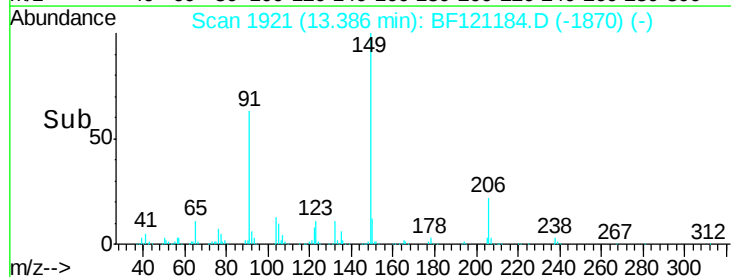
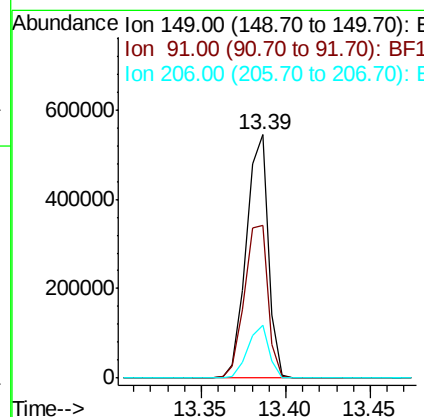
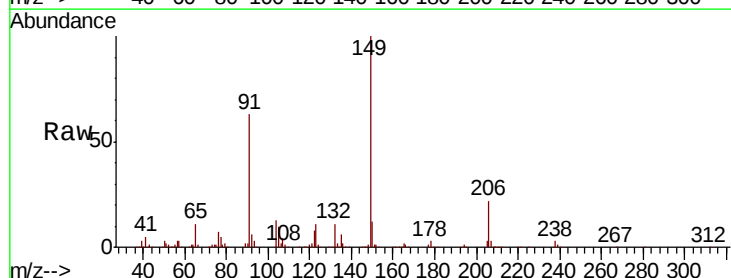
Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#80
Butylbenzylphthalate
Concen: 40.482 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion:149 Resp: 497006
Ion Ratio Lower Upper
149 100
91 62.9 51.4 77.0
206 21.9 17.9 26.9





#81

Benzo(a)anthracene

Concen: 42.062 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121184.D

Acq: 5 Aug 2020 9:52

Instrument :

BNA_F

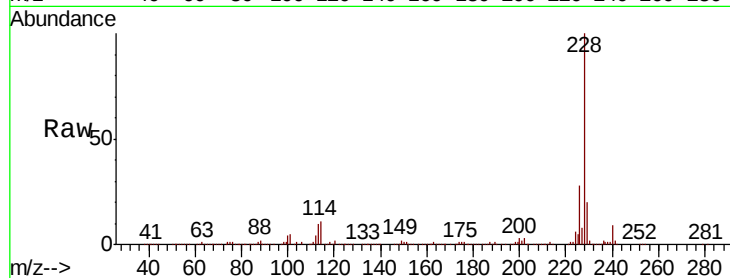
ClientSampled :

SSTDCCC040

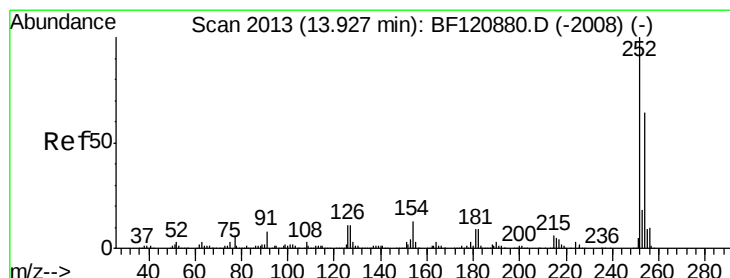
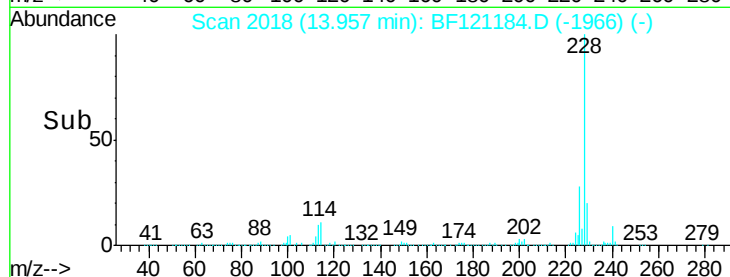
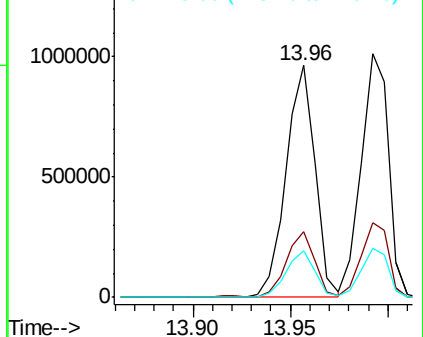
Tot Ion:	228	Resp:	992181
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	34.0
229	20.1	16.1	24.1

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 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: 40.447 ng

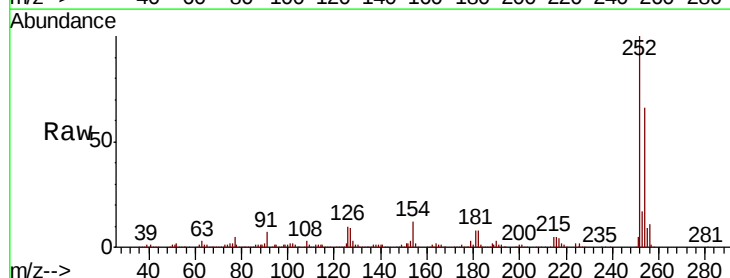
RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

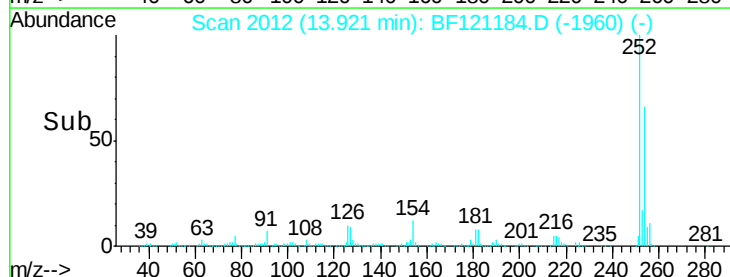
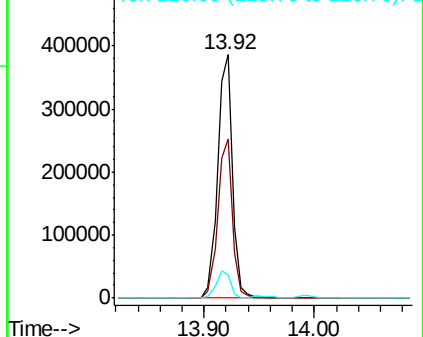
Lab File: BF121184.D

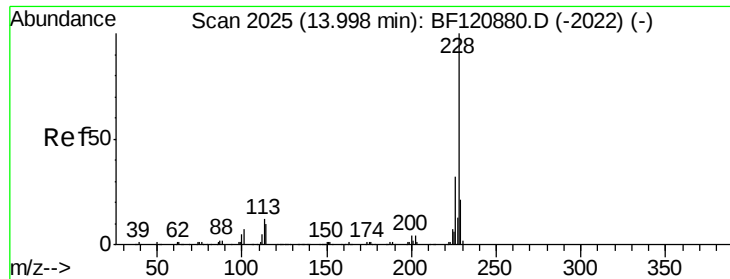
Acq: 5 Aug 2020 9:52

Tgt Ion:	252	Resp:	359947
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.3	76.9
126	9.8	9.2	13.8



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





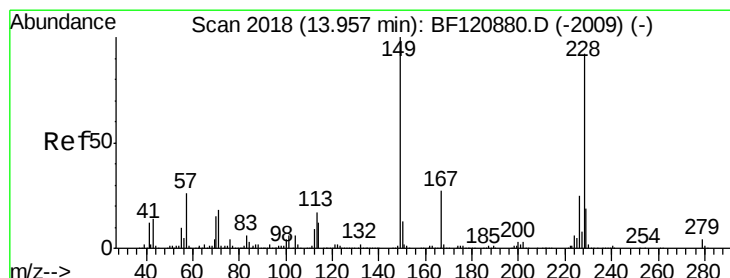
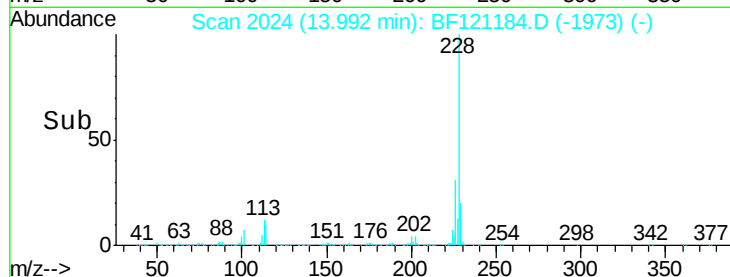
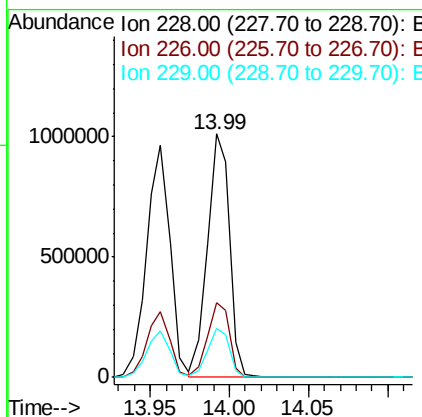
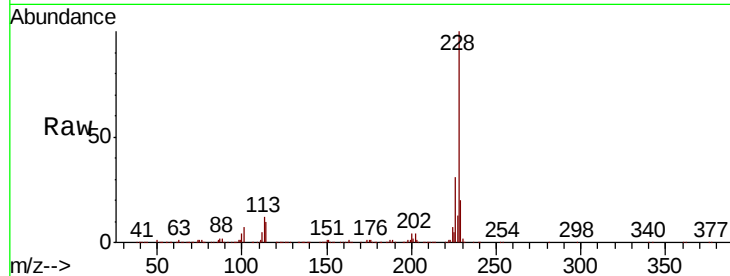
#83
 Chrvsene
 Concen: 39.619 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.9	16.2	24.4

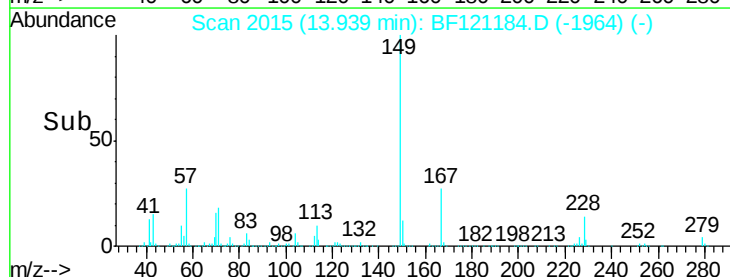
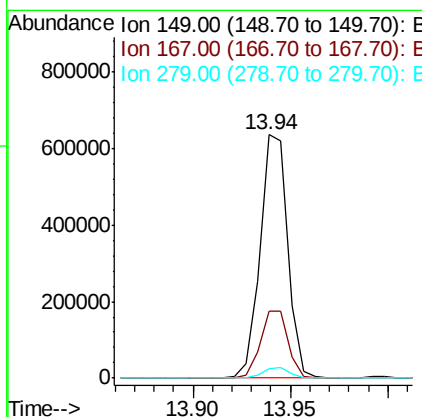
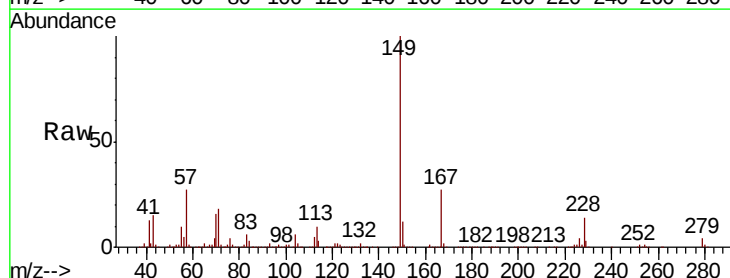
Manual Integrations
 APPROVED

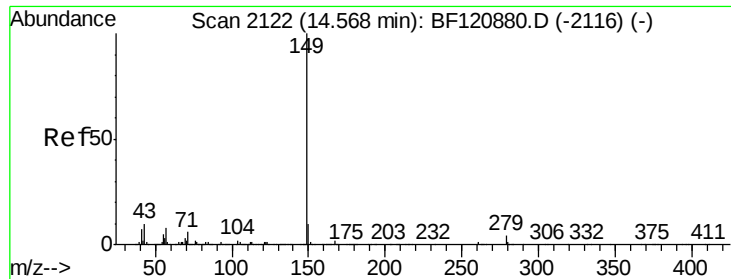
mohammad
 8/6/2020 1:20:52 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.195 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	3.7	2.9	4.3





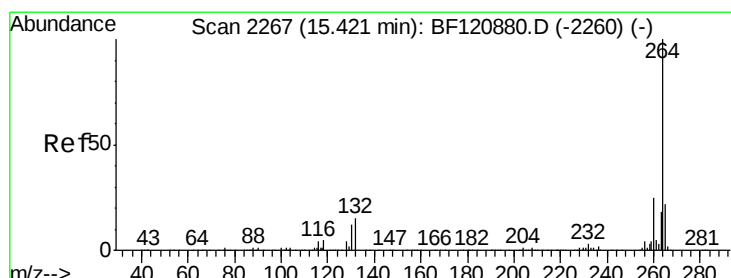
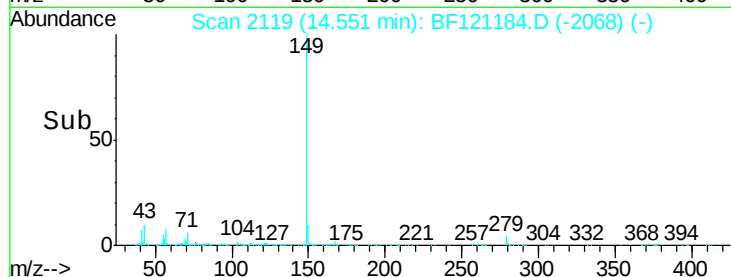
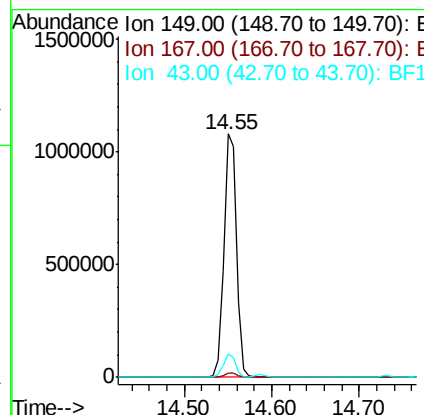
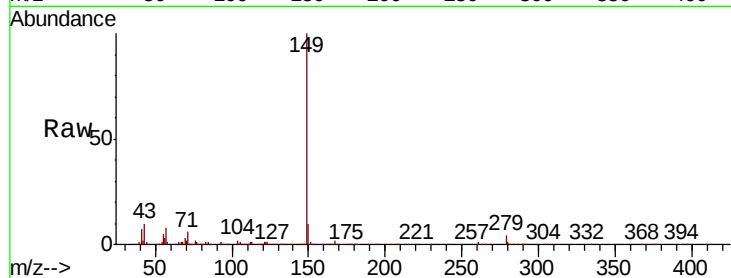
#85
Di-n-octyl phthalate
Concen: 35.802 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.5	11.3

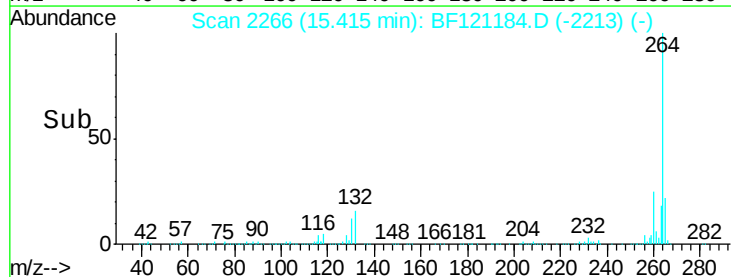
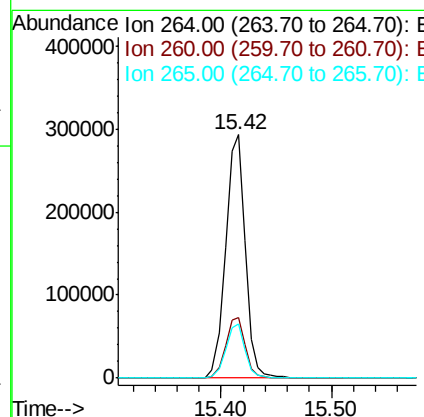
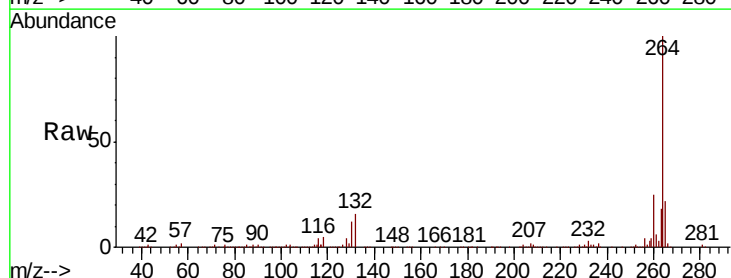
Manual Integrations
APPROVED

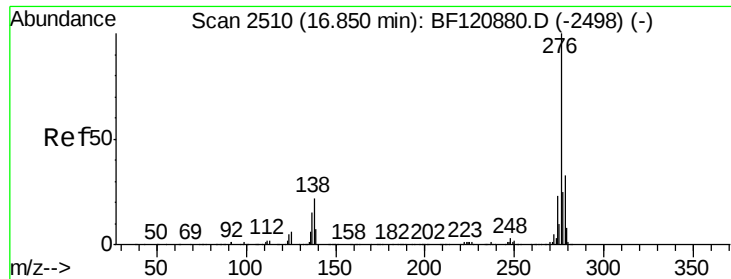
mohammad
8/6/2020 1:20:52 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	22.0	17.8	26.8





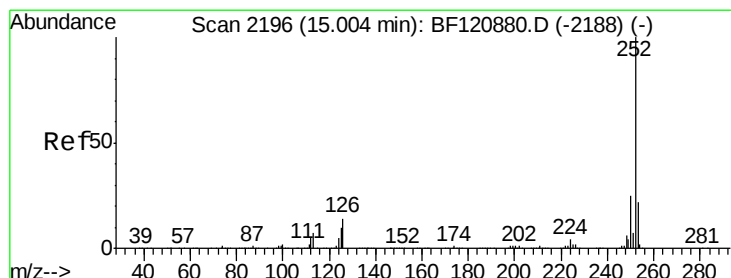
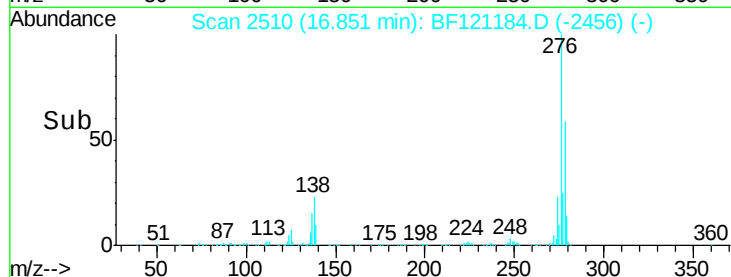
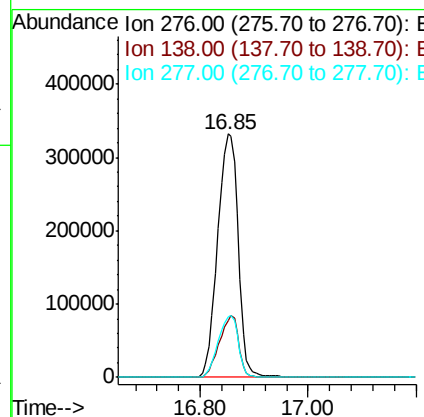
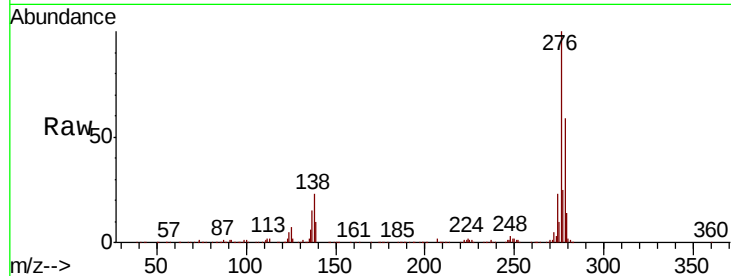
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.006 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.3	28.9
277	25.1	20.1	30.1

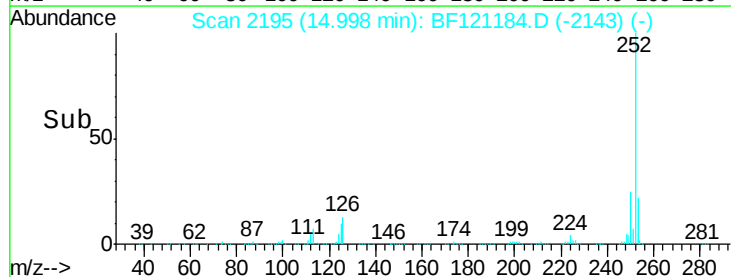
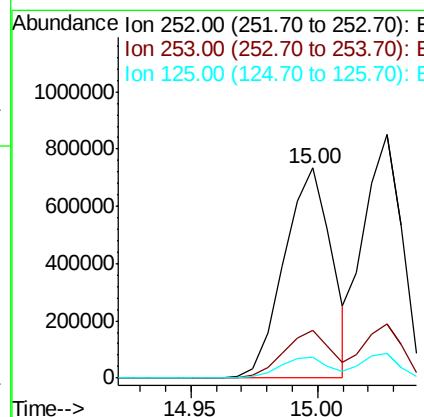
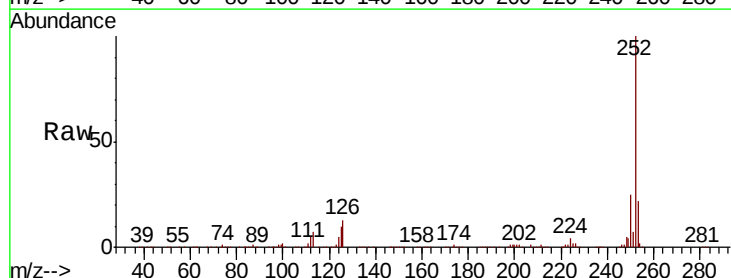
Manual Integrations
 APPROVED

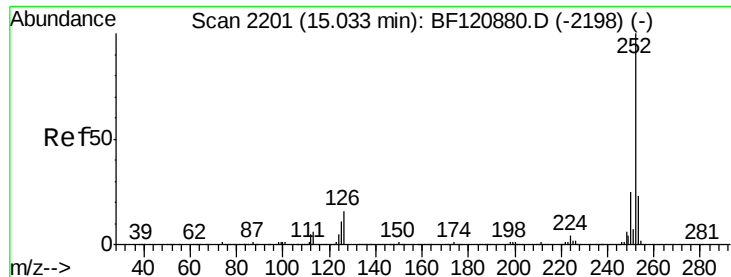
mohammad
 8/6/2020 1:20:52 PM



#88
 Benzo(b)fluoranthene
 Concen: 43.547 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121184.D
 Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.0	8.1	12.1





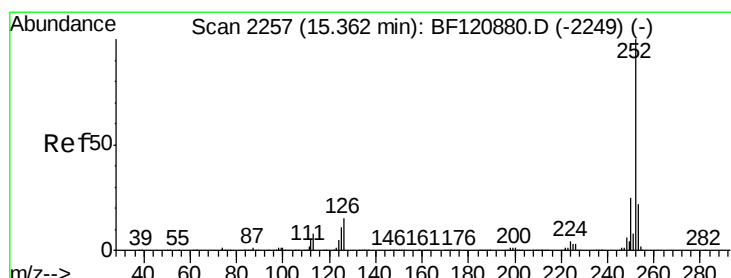
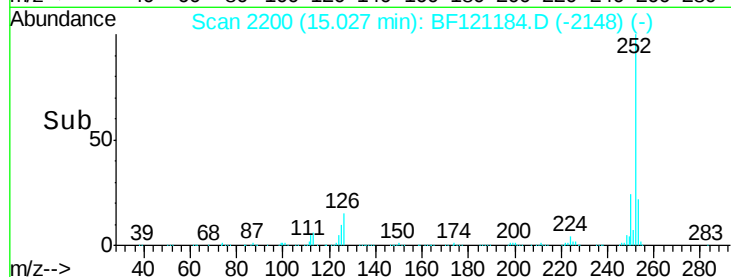
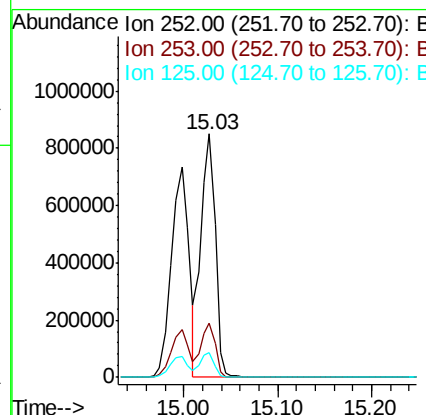
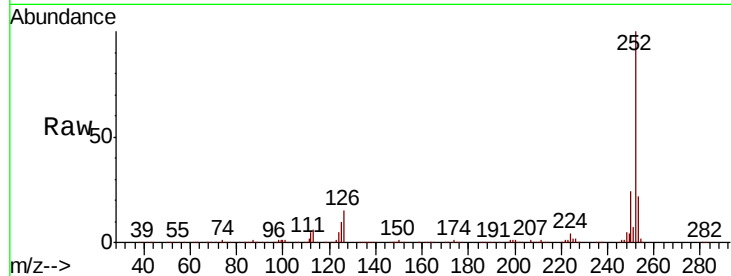
#89
Benzo(k)fluoranthene
Concen: 45.100 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.2	8.0	12.0

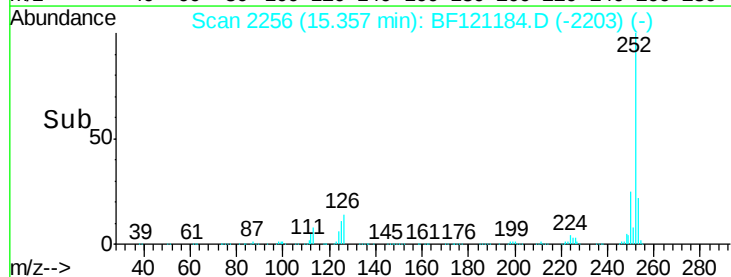
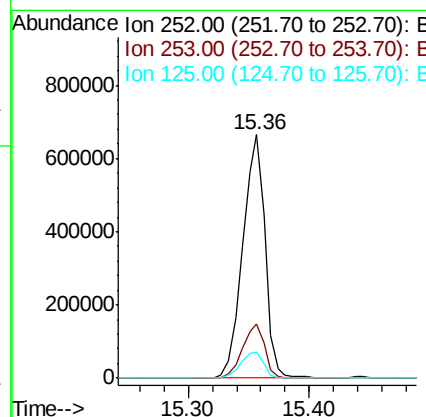
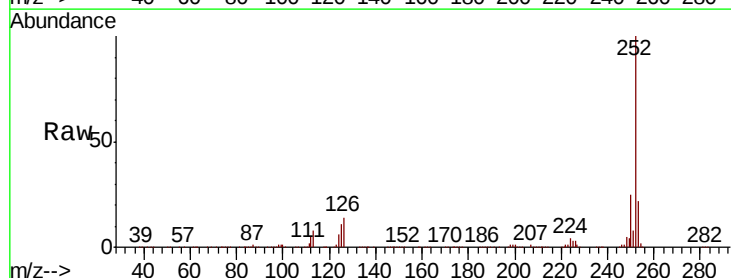
Manual Integrations
APPROVED

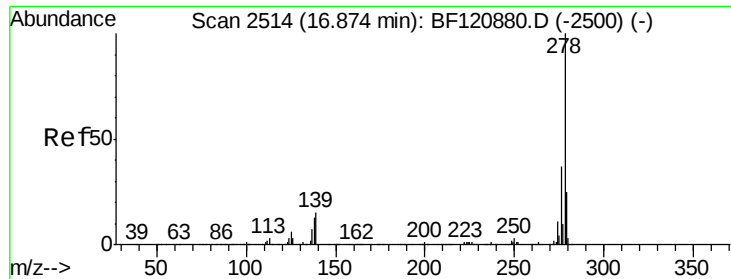
mohammad
8/6/2020 1:20:52 PM



#90
Benzo(a)pyrene
Concen: 42.677 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.8	9.5	14.3





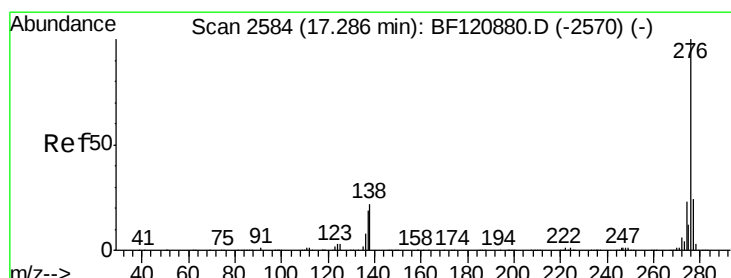
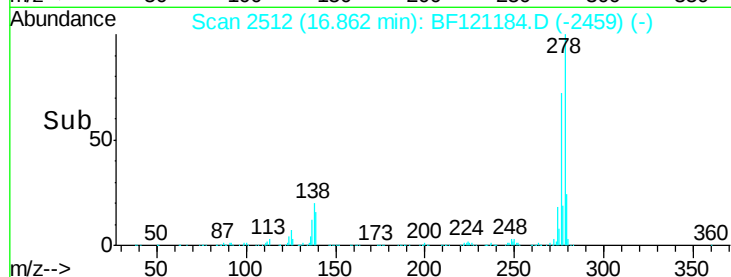
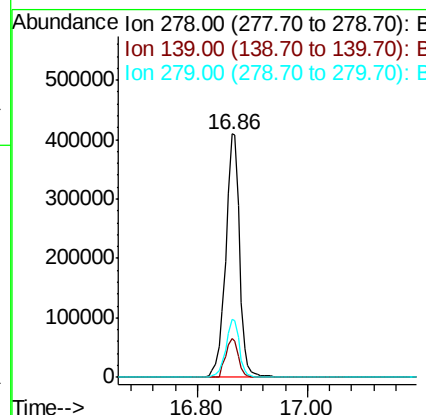
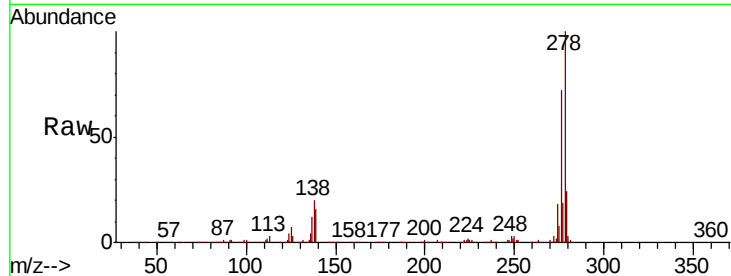
#91
Dibenzo(a,h)anthracene
Concen: 35.034 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	18.8
279	23.9	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/6/2020 1:20:52 PM



#92
Benzo(g,h,i)perylene
Concen: 34.577 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121184.D
Acq: 5 Aug 2020 9:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	20.3	17.2	25.8

