

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121396.D
 Acq On : 24 Aug 2020 13:08
 Operator : JU/CG
 Sample : PB131130BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Manual Integrations
 APPROVED

mohammad
 8/25/2020 4:18:59 PM

Quant Time: Aug 25 09:40:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168348	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	662530	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	351170	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	669368	20.00	ng	0.00
76) Chrysene-d12	13.86	240	515895	20.00	ng	0.00
86) Perylene-d12	15.27	264	556602	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	968873	94.37	ng	0.02
7) Phenol-d6	6.35	99	1189569	90.76	ng	0.00
23) Nitrobenzene-d5	7.27	82	1024549	87.46	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	363915	88.93	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1685311	93.41	ng	0.00
79) Terphenyl-d14	12.80	244	1586426	60.09	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	183871	39.577	ng	98
3) Pyridine	3.17	79	398436	31.954	ng	99
4) n-Nitrosodimethylamine	3.12	42	202428	39.886	ng	99
6) Aniline	6.36	93	431622	28.520	ng	89
8) 2-Chlorophenol	6.49	128	421451	39.276	ng	93
9) Benzaldehyde	6.25	77	256197	34.747	ng	97
10) Phenol	6.36	94	485641	35.338	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	411359	38.866	ng	99
12) 1,3-Dichlorobenzene	6.64	146	441947	36.761	ng	100
13) 1,4-Dichlorobenzene	6.72	146	446577	36.796	ng	99
14) 1,2-Dichlorobenzene	6.87	146	394710	34.151	ng	98
15) Benzyl Alcohol	6.85	79	290182	36.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	555198	35.626	ng	99
17) 2-Methylphenol	6.97	107	342720	38.708	ng	98
18) Hexachloroethane	7.20	117	166969	36.948	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	269781	38.273	ng	98
20) 3+4-Methylphenols	7.12	107	406611m	46.670	ng	
22) Acetophenone	7.12	105	562910	36.342	ng	# 99
24) Nitrobenzene	7.29	77	433489	36.307	ng	95
25) Isophorone	7.53	82	808754	37.936	ng	100
26) 2-Nitrophenol	7.60	139	240287	39.241	ng	97
27) 2,4-Dimethylphenol	7.65	122	379593	43.444	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	518221	35.709	ng	99
29) 2,4-Dichlorophenol	7.85	162	356518	37.373	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	387075	35.483	ng	99
31) Naphthalene	8.00	128	1184360	35.918	ng	99
32) Benzoic acid	7.80	122	191652	30.991	ng	98
33) 4-Chloroaniline	8.06	127	346144	23.707	ng	99
34) Hexachlorobutadiene	8.12	225	219955	34.071	ng	99
35) Caprolactam	8.44	113	120517m	38.574	ng	
36) 4-Chloro-3-methylphenol	8.56	107	371930	38.549	ng	97
37) 2-Methylnaphthalene	8.70	142	795059	37.201	ng	100
38) 1-Methylnaphthalene	8.79	142	751086	36.961	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	375124	35.991	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121396.D
 Acq On : 24 Aug 2020 13:08
 Operator : JU/CG
 Sample : PB131130BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

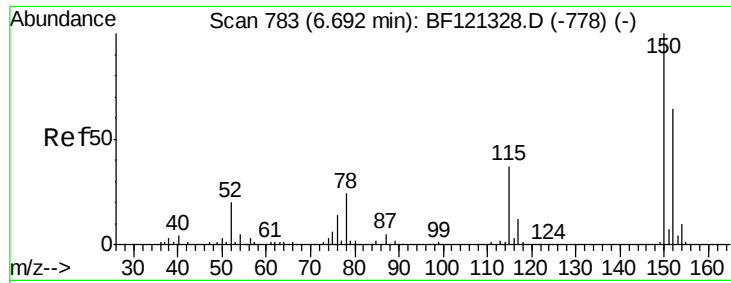
Manual Integrations
 APPROVED

mohammad
 8/25/2020 4:18:59 PM

Quant Time: Aug 25 09:40:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	318786	77.442	nq	100
43) 2,4,6-Trichlorophenol	8.98	196	253642	35.596	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	269753	36.797	nq	99
46) 1,1'-Biphenyl	9.16	154	959932	36.471	nq	99
47) 2-Chloronaphthalene	9.19	162	741418	34.191	nq	99
48) 2-Nitroaniline	9.29	65	234184	34.300	nq	99
49) Acenaphthylene	9.60	152	1178390	36.586	nq	100
50) Dimethylphthalate	9.46	163	904553	35.406	nq	99
51) 2,6-Dinitrotoluene	9.53	165	202970	37.199	nq	96
52) Acenaphthene	9.77	154	687990	35.155	nq	99
53) 3-Nitroaniline	9.70	138	154272	22.602	nq	96
54) 2,4-Dinitrophenol	9.82	184	203479	77.354	nq	98
55) Dibenzofuran	9.95	168	982821	38.576	nq	100
56) 4-Nitrophenol	9.88	139	271487	64.494	nq	99
57) 2,4-Dinitrotoluene	9.94	165	233292	35.048	nq	99
58) Fluorene	10.29	166	757185	40.610	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	224167	35.771	nq	98
60) Diethylphthalate	10.16	149	875256	35.083	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	379168	40.336	nq	99
62) 4-Nitroaniline	10.32	138	223830	32.004	nq	99
63) Azobenzene	10.44	77	814585	35.154	nq	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	143236	40.013	nq	100
66) n-Nitrosodiphenylamine	10.40	169	741612	35.918	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	259569	34.959	nq	98
68) Hexachlorobenzene	10.83	284	287958	33.645	nq	97
69) Atrazine	10.93	200	217212	33.961	nq	100
70) Pentachlorophenol	11.03	266	290156	76.196	nq	99
71) Phenanthrene	11.25	178	1144744	33.044	nq	100
72) Anthracene	11.30	178	1190532	35.687	nq	100
73) Carbazole	11.46	167	1131811	35.549	nq	99
74) Di-n-butylphthalate	11.78	149	1334448	34.758	nq	99
75) Fluoranthene	12.43	202	1273529	33.869	nq	100
77) Benzidine	12.56	184	768541	54.072	nq	99
78) Pyrene	12.66	202	1299907	33.544	nq	99
80) Butylbenzylphthalate	13.28	149	582190	34.963	nq	98
81) Benzo(a)anthracene	13.85	228	1098839	34.293	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	342349	27.827	nq	98
83) Chrysene	13.89	228	1118543	34.131	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	741605	37.871	nq	100
85) Di-n-octyl phthalate	14.45	149	1370684	37.823	nq	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1277199	37.591	nq	100
88) Benzo(b)fluoranthene	14.87	252	1180336	32.825	nq	100
89) Benzo(k)fluoranthene	14.90	252	1109429	35.050	nq	99
90) Benzo(a)pyrene	15.22	252	1061552	34.167	nq	99
91) Dibenzo(a,h)anthracene	16.66	278	1034319	37.129	nq	99
92) Benzo(g,h,i)perylene	17.06	276	1091032	40.061	nq	99

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



#1

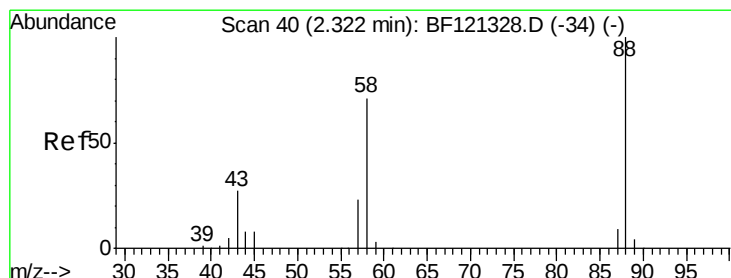
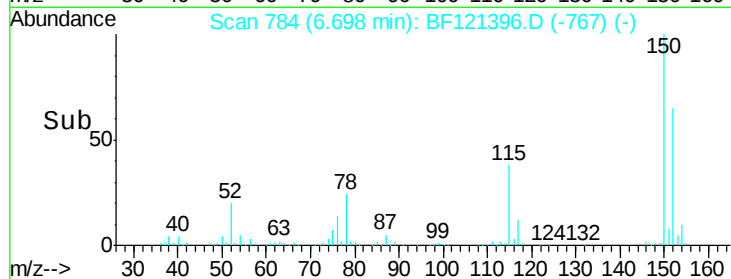
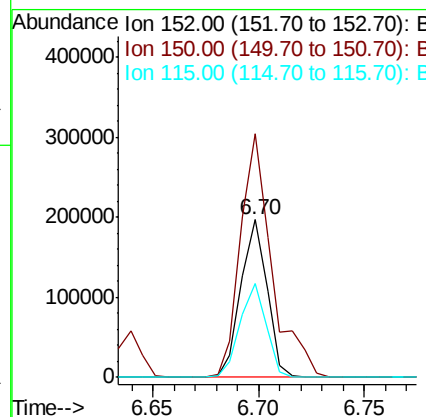
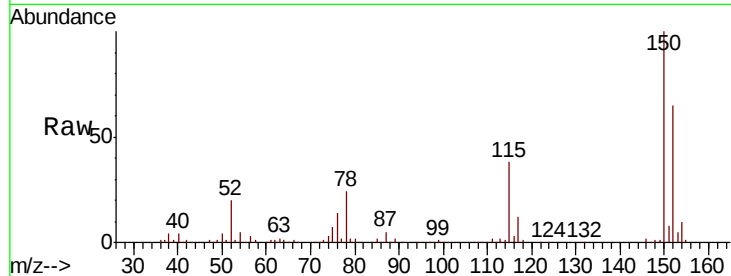
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.4	188.0
115	59.3	47.0	70.6

Manual Integrations
APPROVED

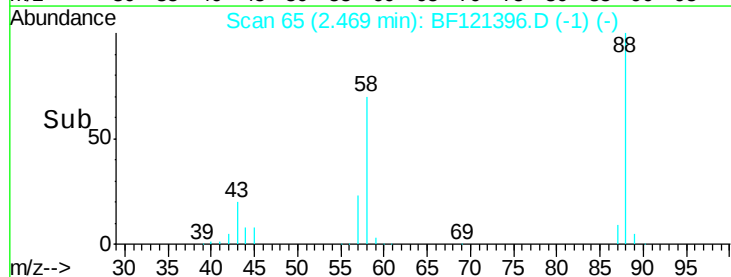
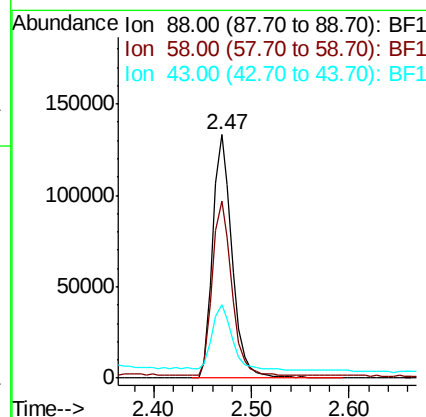
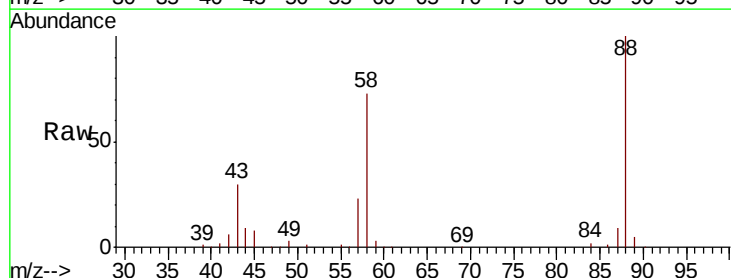
mohammad
8/25/2020 4:18:59 PM

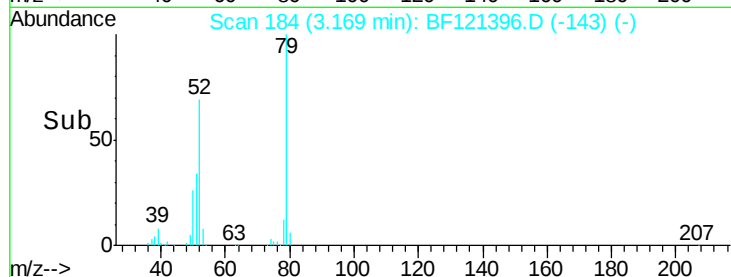
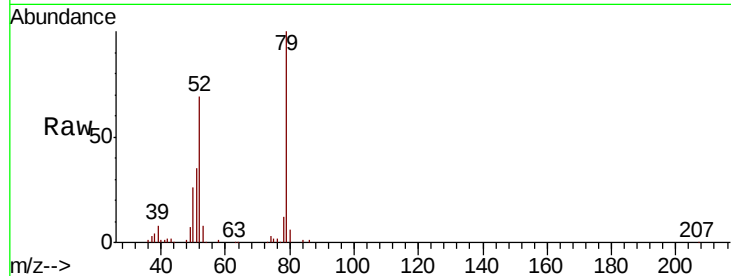
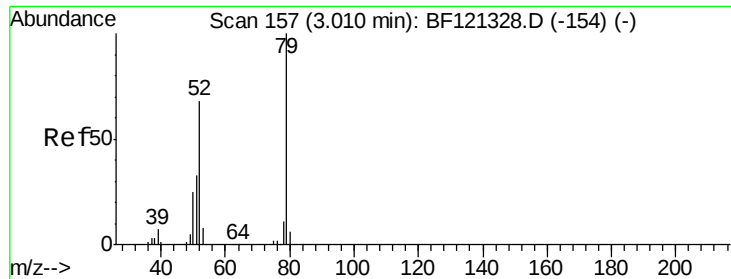


#2

1,4-Dioxane
Concen: 39.577 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.14 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	58.6	88.0
43	27.6	22.4	33.6





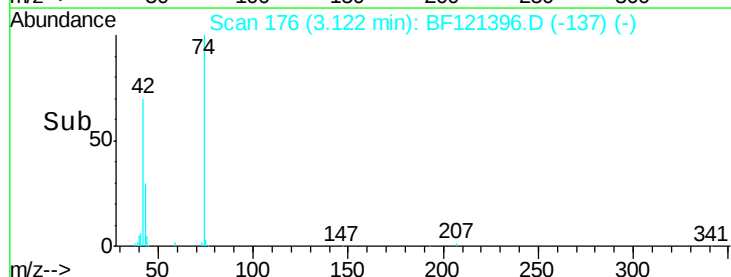
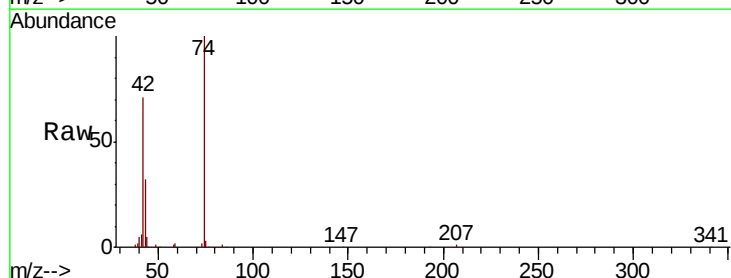
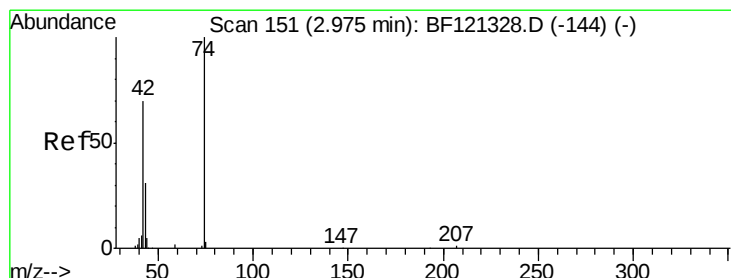
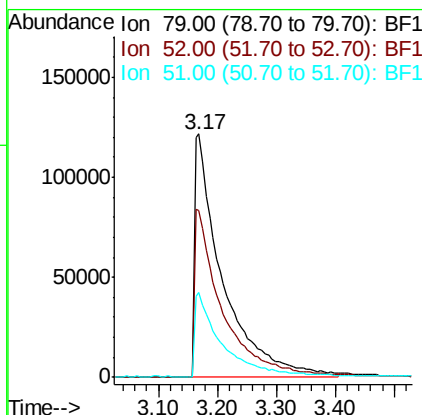
#3
Pvridine
Concen: 31.954 ng
RT: 3.17 min Scan# 184
Delta R.T. 0.14 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	398436		
52	52	68.8		55.8	83.8
51	51	34.6		27.1	40.7

Instrument :
BNA_F
ClientSampleId :
PB131130BS

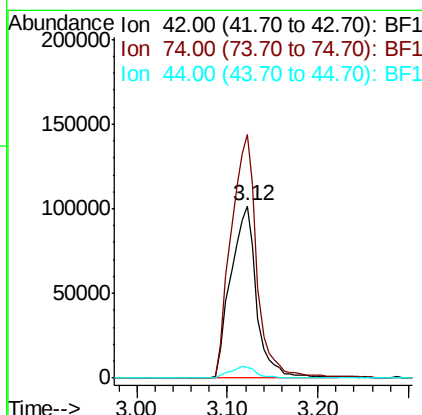
Manual Integrations
APPROVED

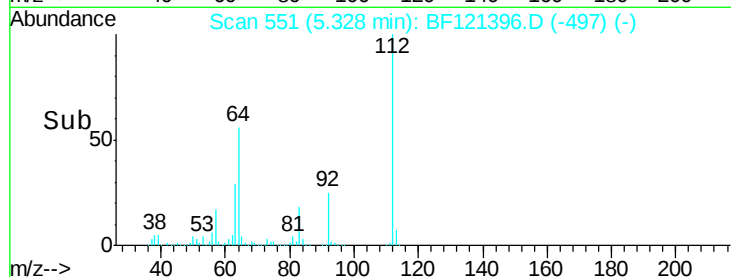
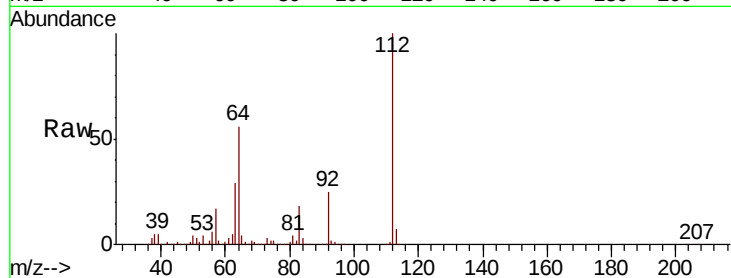
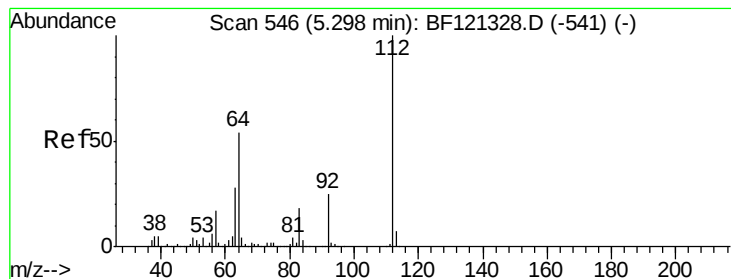
mohammad
8/25/2020 4:18:59 PM



#4
n-Nitrosodimethylamine
Concen: 39.886 ng
RT: 3.12 min Scan# 176
Delta R.T. 0.13 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	202428		
74	74	141.5		114.6	171.8
44	44	6.4		5.6	8.4





#5

2-Fluorophenol

Concen: 94.370 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tot Ion:	112	Resp:	968873
Ion Ratio	Lower	Upper	
112	100		
64	55.5	42.2	63.4
63	29.0	21.4	32.2

Instrument :

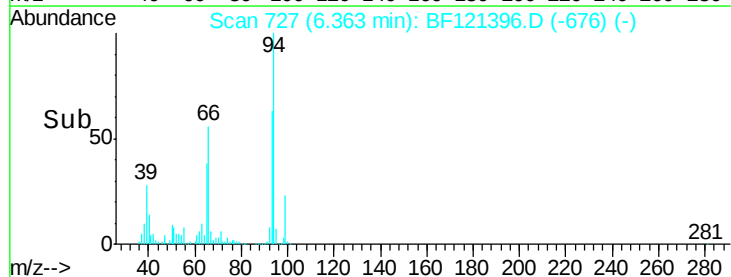
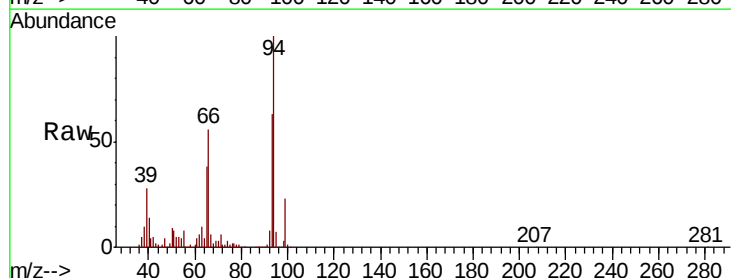
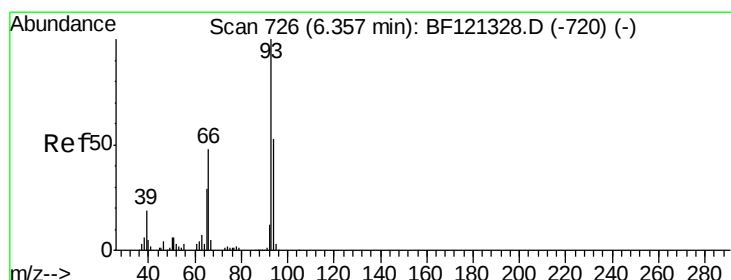
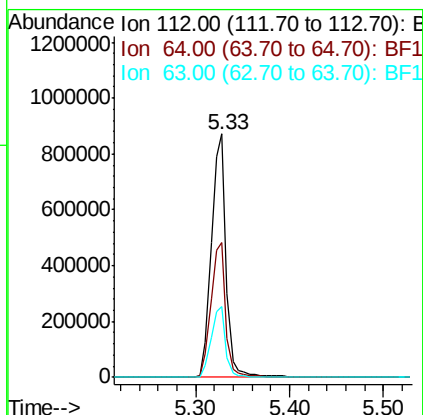
BNA_F

ClientSampleId :

PB131130BS

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#6

Aniline

Concen: 28.520 ng

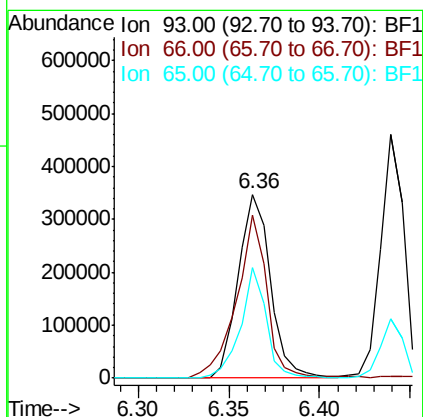
RT: 6.36 min Scan# 727

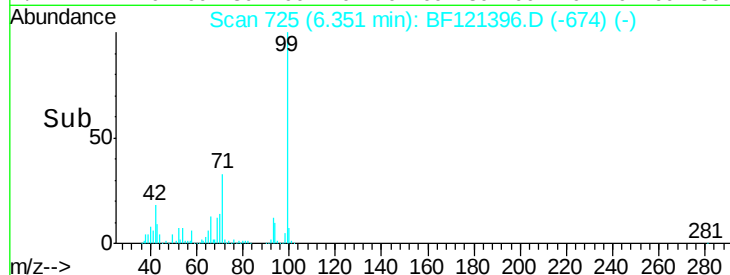
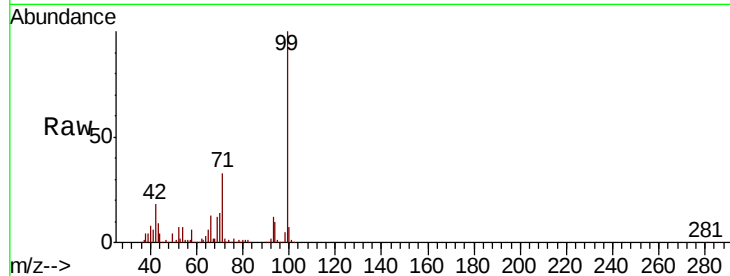
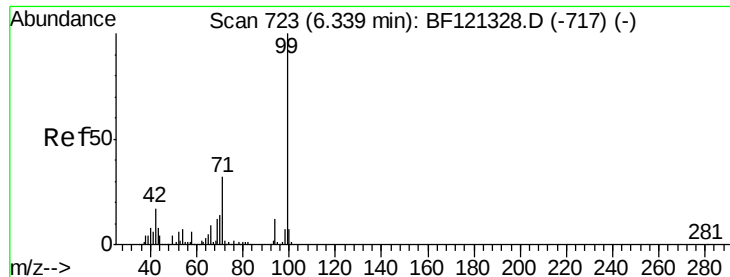
Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	93	Resp:	431622
Ion Ratio	Lower	Upper	
93	100		
66	88.8	63.2	94.8
65	60.0	42.1	63.1





#7

Phenol-d6

Concen: 90.762 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tot Ion: 99 Resp: 1189569

Ion Ratio Lower Upper

99 100

42 17.9 13.9 20.9

71 32.8 25.5 38.3

Instrument :

BNA_F

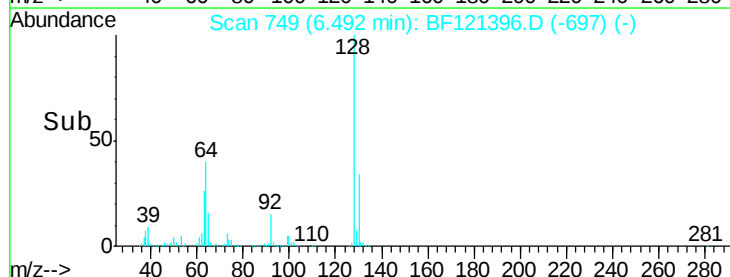
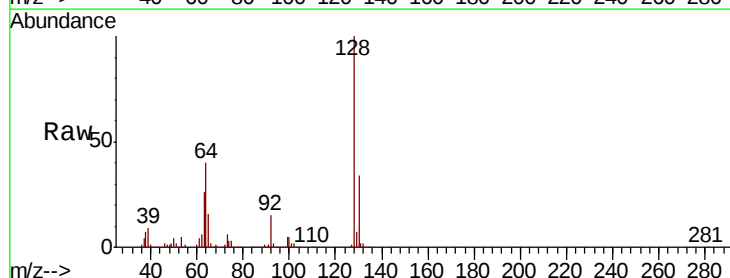
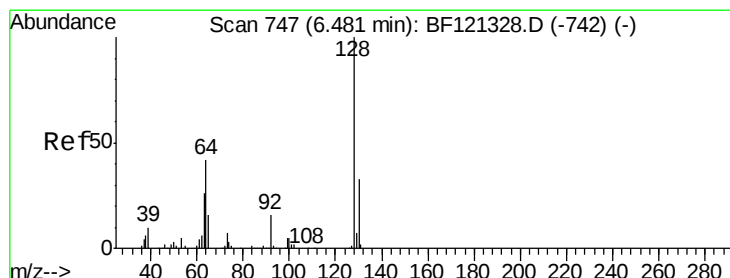
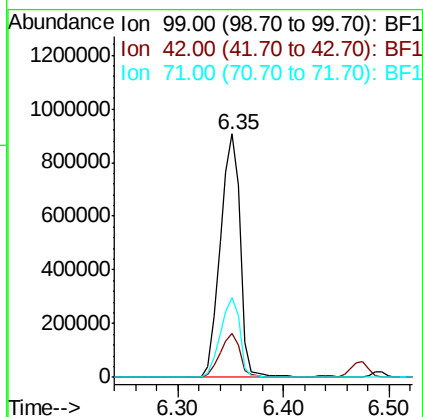
ClientSampleId :

PB131130BS

Manual Integrations

APPROVED

mohammad
8/25/2020 4:18:59 PM



#8

2-Chlorophenol

Concen: 39.276 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

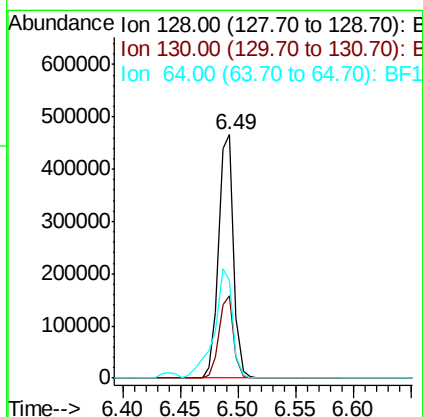
Tgt Ion: 128 Resp: 421451

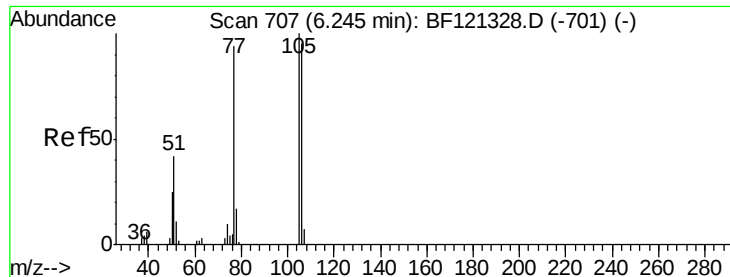
Ion Ratio Lower Upper

128 100

130 33.7 11.8 51.8

64 40.2 26.3 66.3





#9

Benzaldehyde

Concen: 34.747 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

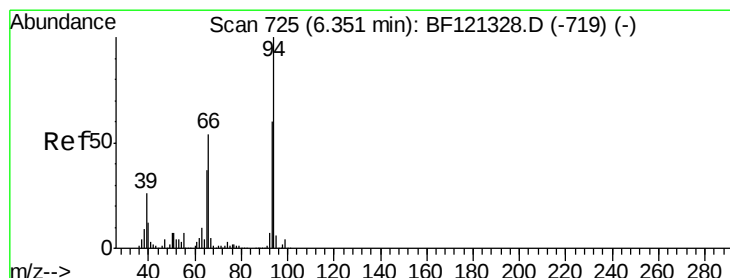
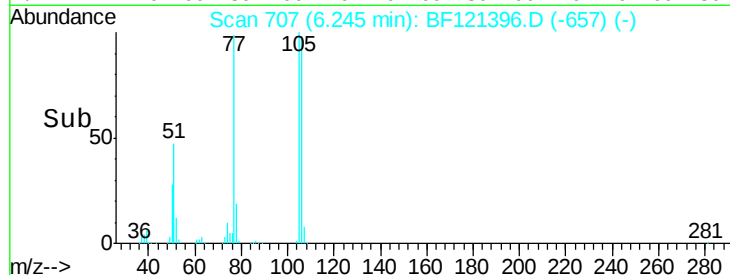
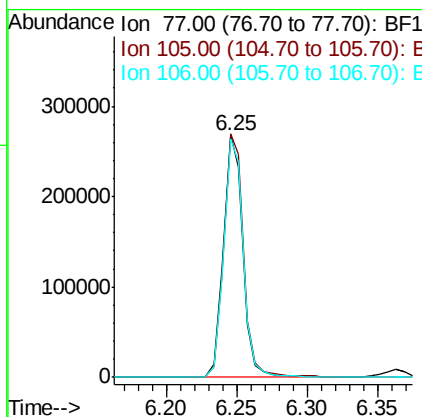
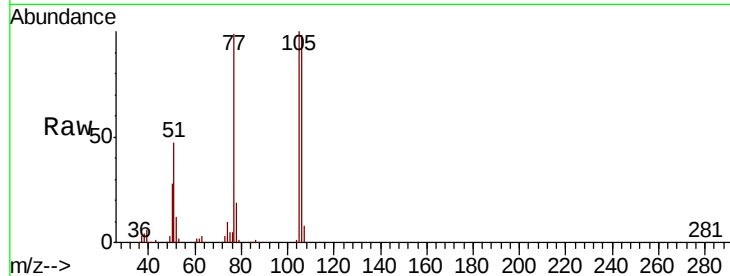
ClientSampleId :

PB131130BS

Tot Ion:	77	Resp:	256197
Ion Ratio	Lower	Upper	
77	100		
105	100.6	84.3	124.3
106	98.8	81.3	121.3

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#10

Phenol

Concen: 35.338 ng

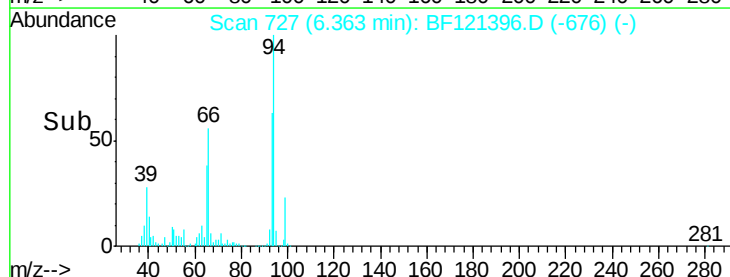
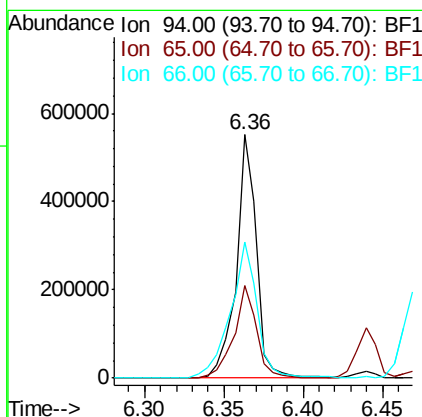
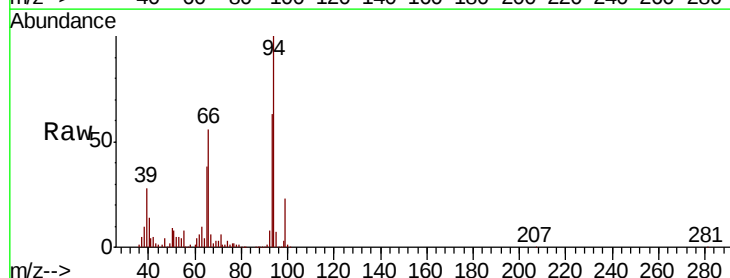
RT: 6.36 min Scan# 727

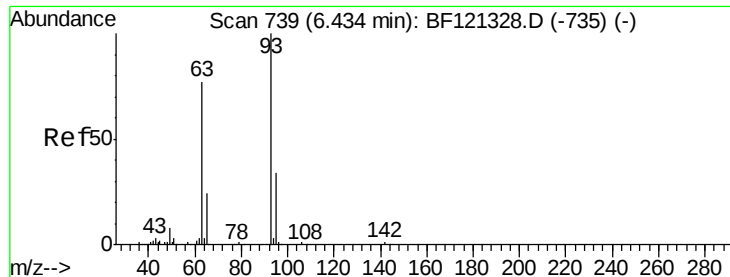
Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	94	Resp:	485641
Ion Ratio	Lower	Upper	
94	100		
65	37.8	20.4	60.4
66	56.0	40.6	80.6





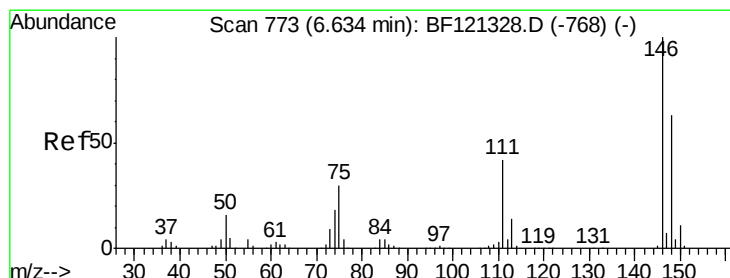
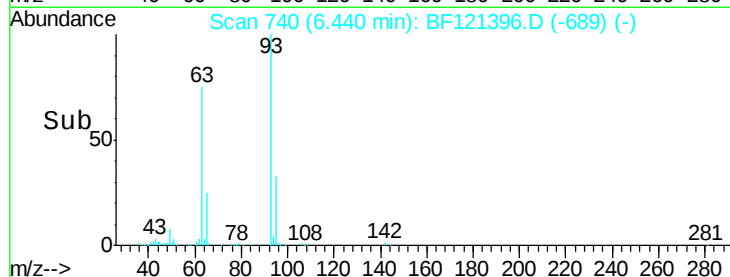
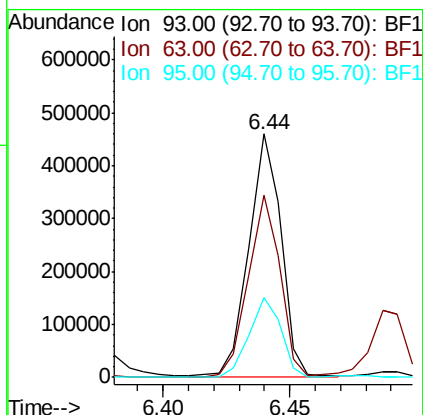
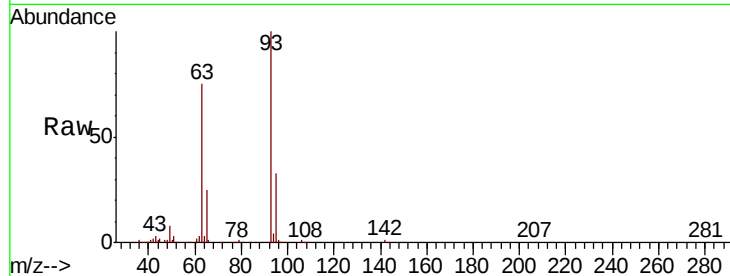
#11
bis(2-Chloroethyl)ether
Concen: 38.866 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion:	93	Resp:	411359
Ion	Ratio	Lower	Upper
93	100		
63	74.8	55.5	95.5
95	32.9	12.4	52.4

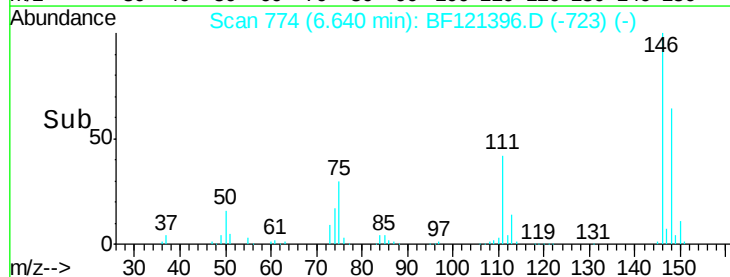
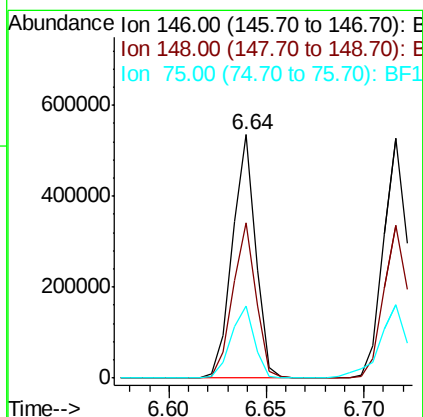
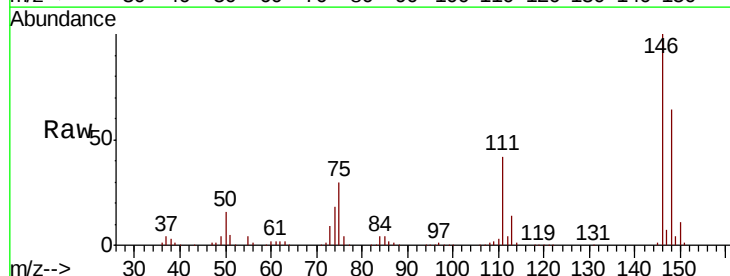
Manual Integrations
APPROVED

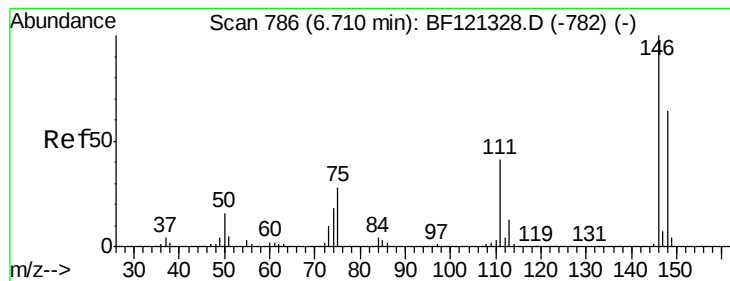
mohammad
8/25/2020 4:18:59 PM



#12
1,3-Dichlorobenzene
Concen: 36.761 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion:	146	Resp:	441947
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	29.7	24.0	36.0





#13

1,4-Dichlorobenzene

Concen: 36.796 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

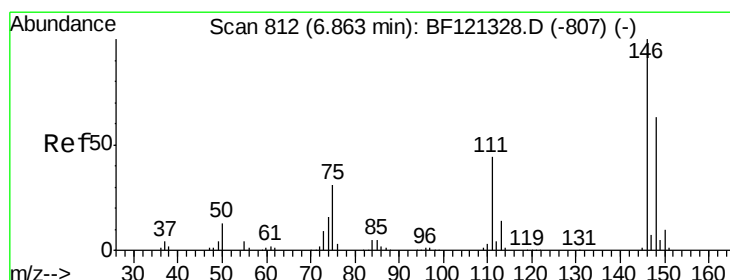
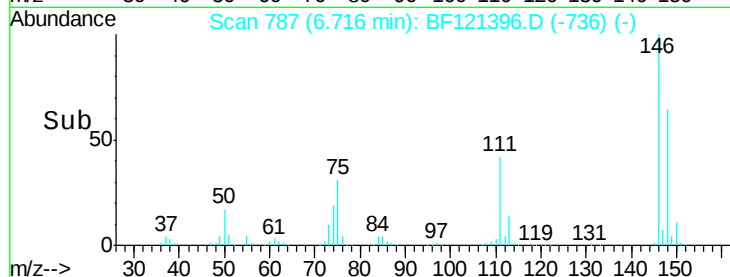
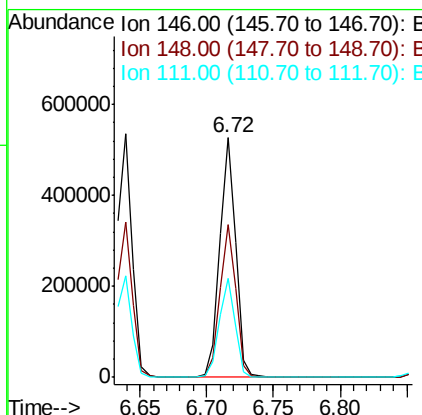
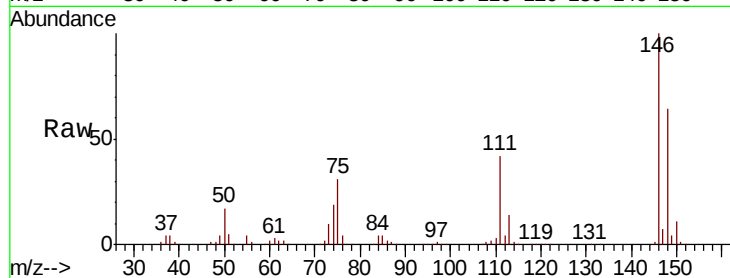
ClientSampleId :

PB131130BS

Tot Ion:	146	Resp:	446577
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	41.5	32.6	49.0

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#14

1,2-Dichlorobenzene

Concen: 34.151 ng

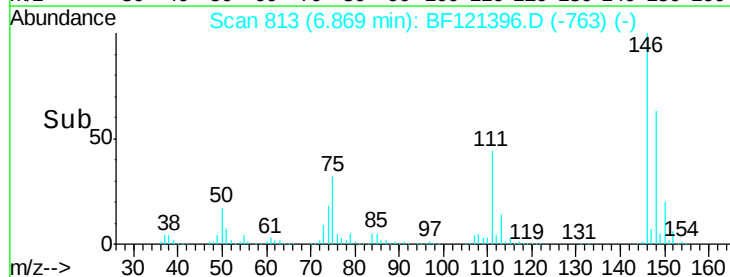
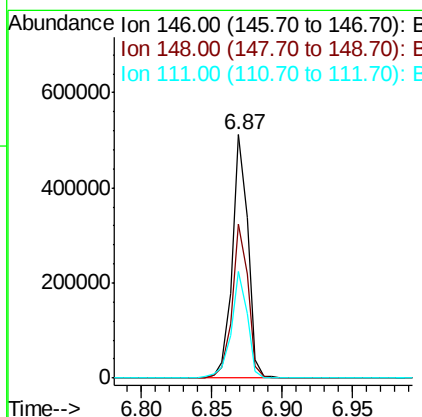
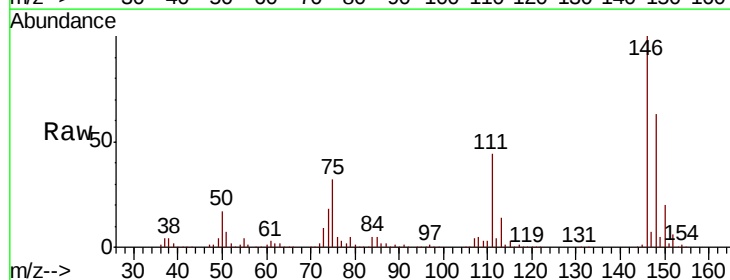
RT: 6.87 min Scan# 813

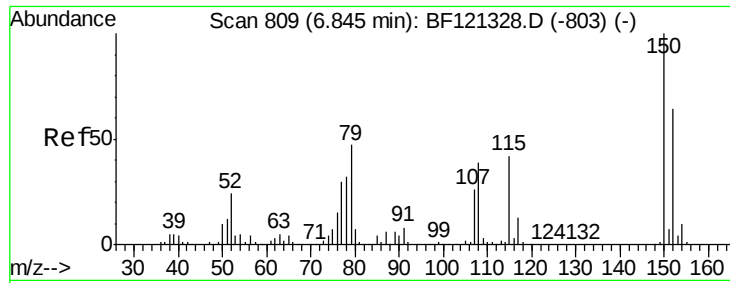
Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	146	Resp:	394710
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.1	76.7
111	44.0	32.8	49.2





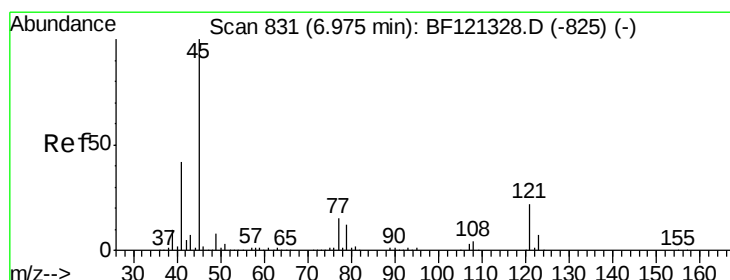
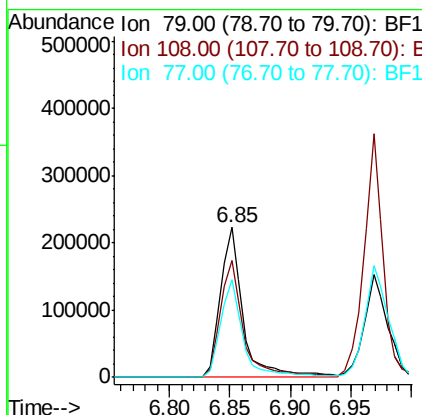
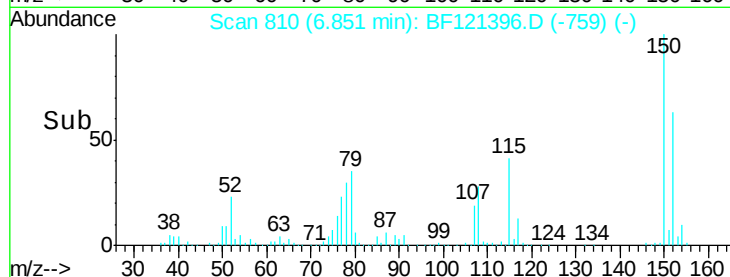
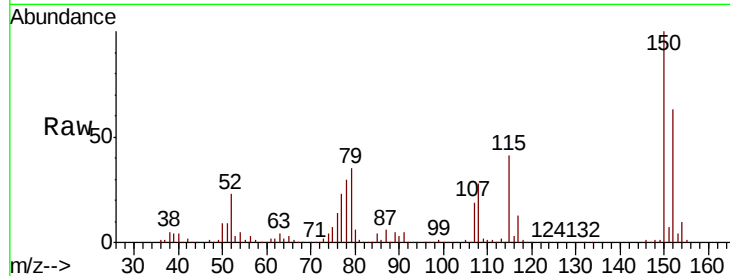
#15
Benzyl Alcohol
Concen: 36.798 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	62.3	93.5
77	65.1	50.5	75.7

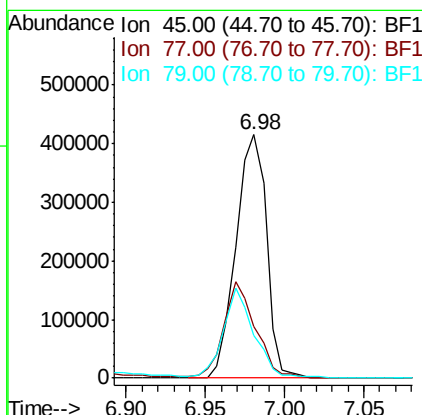
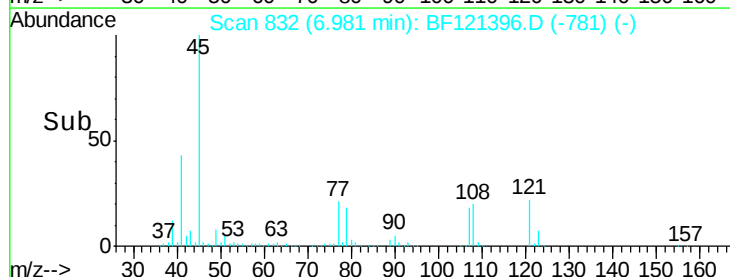
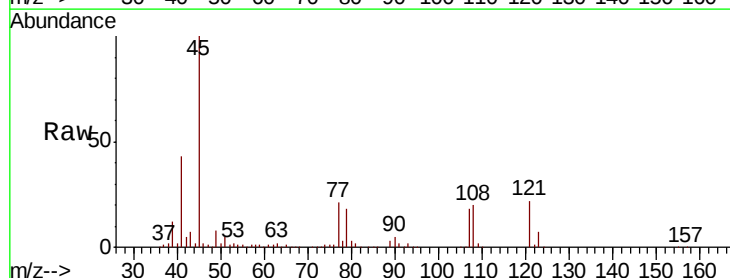
Manual Integrations
APPROVED

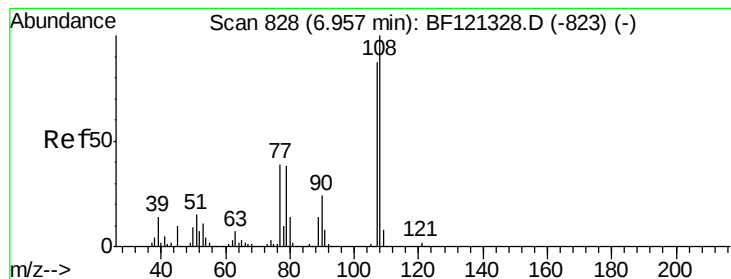
mohammad
8/25/2020 4:18:59 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.626 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.7	40.7
79	17.8	0.0	37.1





#17

2-Methylphenol

Concen: 38.708 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

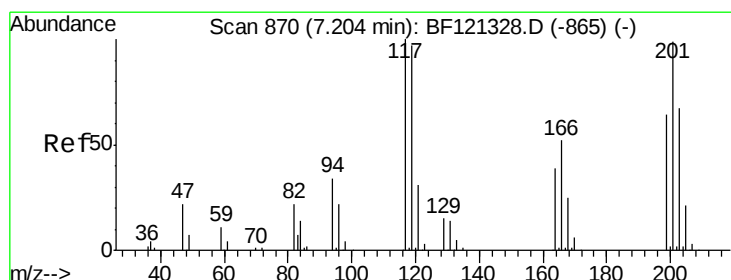
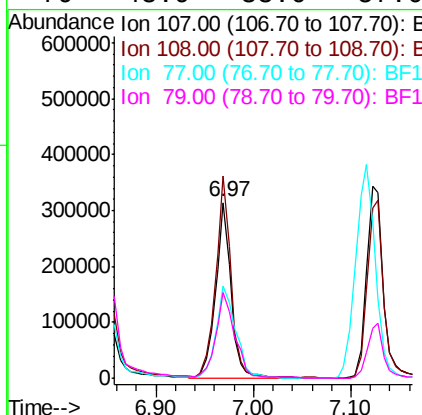
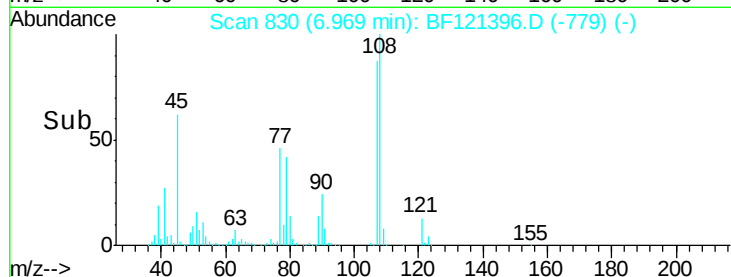
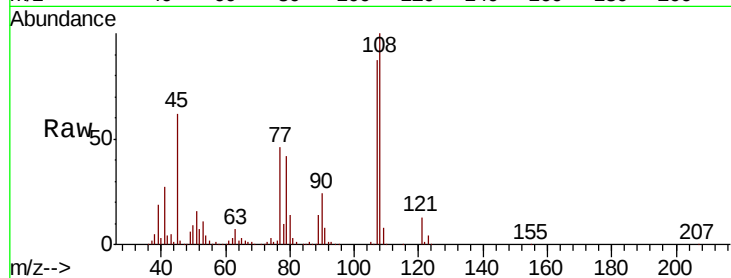
ClientSampleId :

PB131130BS

Tot Ion:	107	Resp:	342720
Ion Ratio	Lower	Upper	
107	100		
108	115.3	91.5	137.3
77	52.7	40.1	60.1
79	48.9	38.0	57.0

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#18

Hexachloroethane

Concen: 36.948 ng

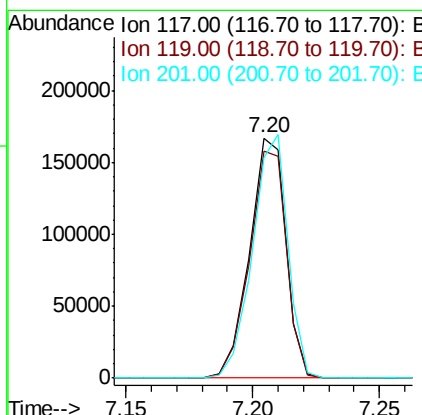
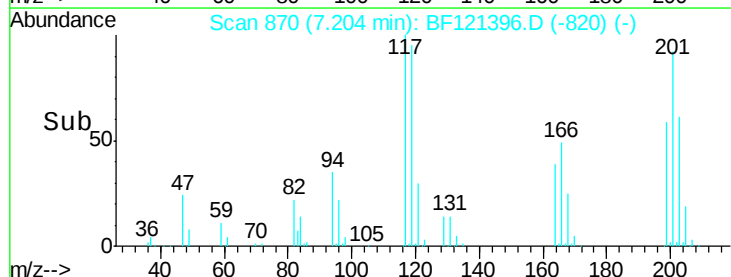
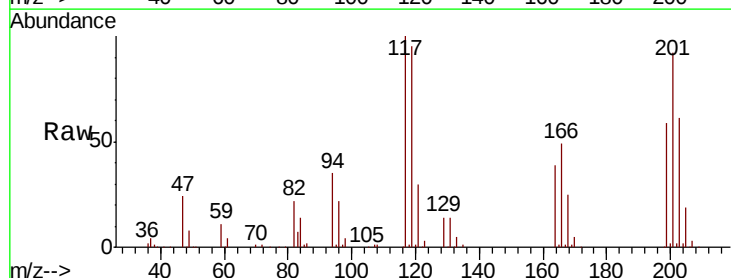
RT: 7.20 min Scan# 870

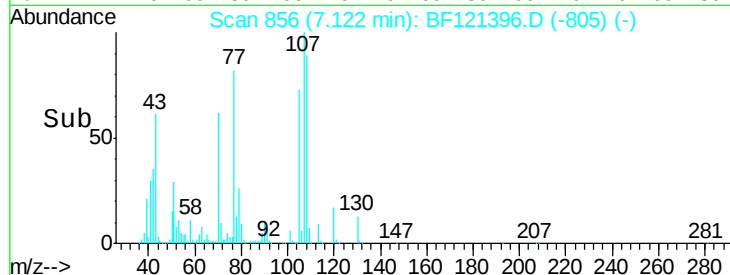
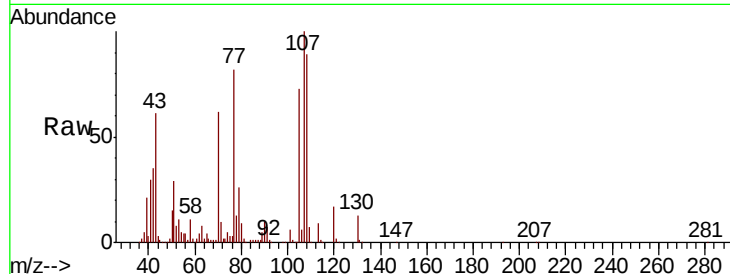
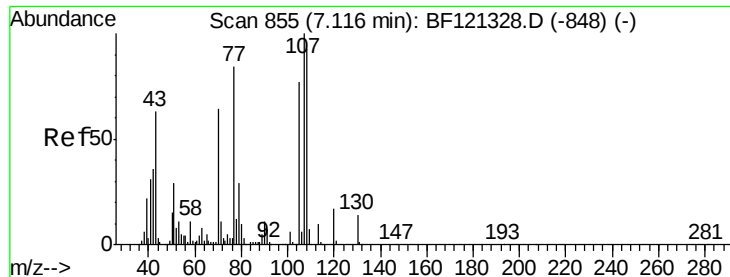
Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	117	Resp:	166969
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.0	115.6
201	92.0	80.6	120.8





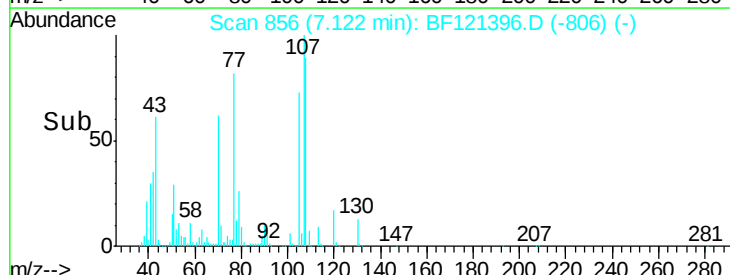
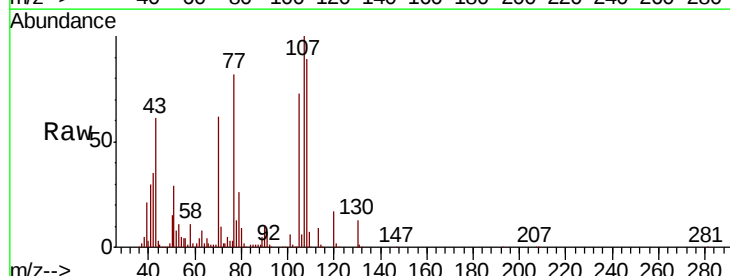
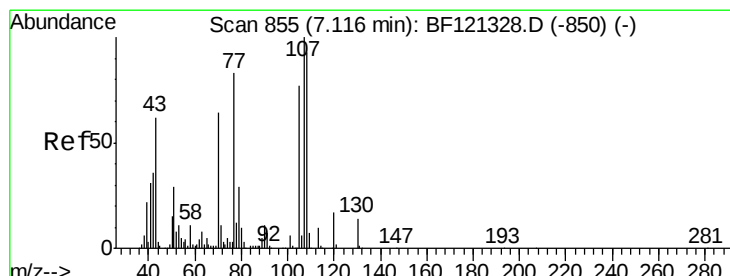
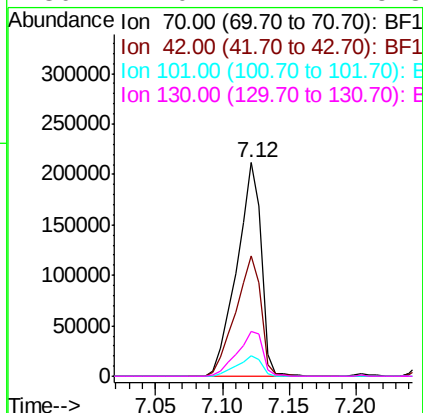
#19
n-Nitroso-di-n-propylamine
Concen: 38.273 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	70	Resp	269781
Ion Ratio	Lower	Upper	
70	100		
42	56.5	46.9	70.3
101	9.4	7.7	11.5
130	21.0	17.2	25.8

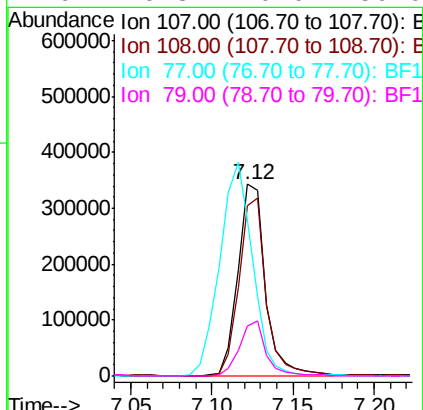
Manual Integrations
APPROVED

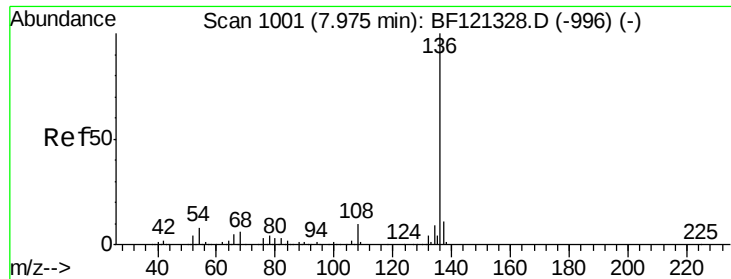
mohammad
8/25/2020 4:18:59 PM



#20
3+4-Methylphenols
Concen: 46.670 ng m
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	107	Resp	406611
Ion Ratio	Lower	Upper	
107	100		
108	88.9	76.0	116.0
77	81.8	26.5	66.5#
79	26.3	10.0	50.0





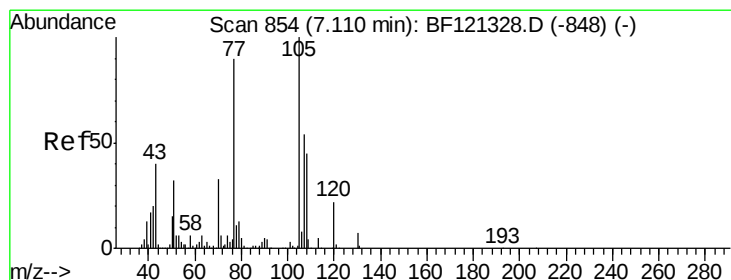
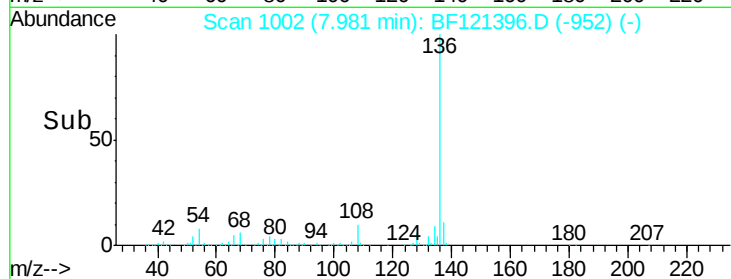
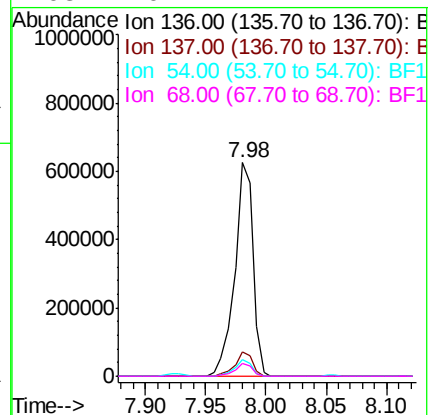
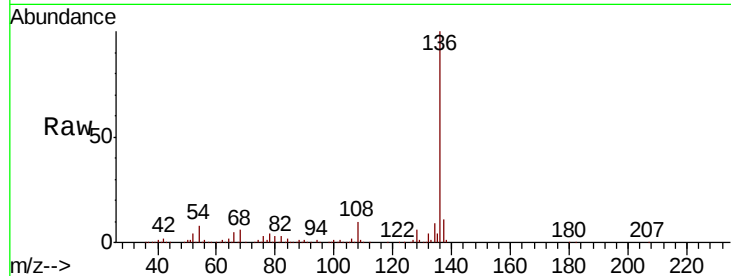
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	662530		
137	11.4	8.8	13.2	
54	7.8	5.8	8.6	
68	6.1	4.7	7.1	

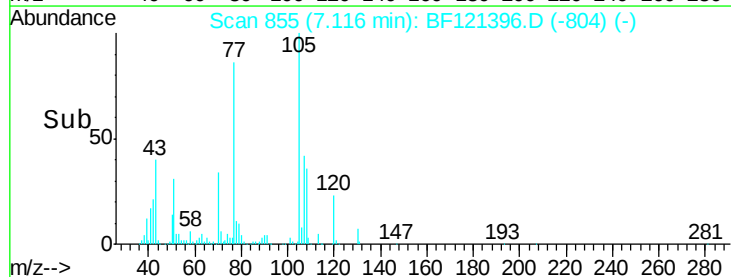
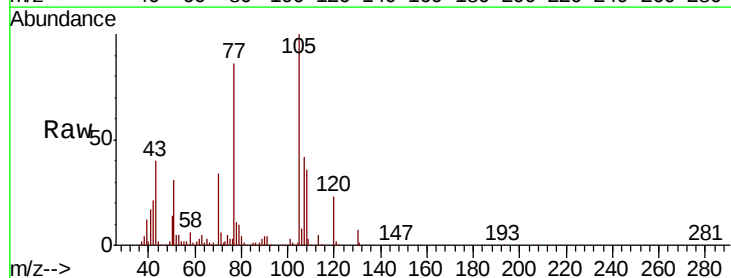
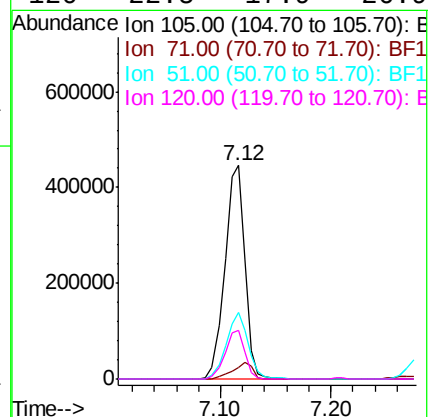
Manual Integrations
APPROVED

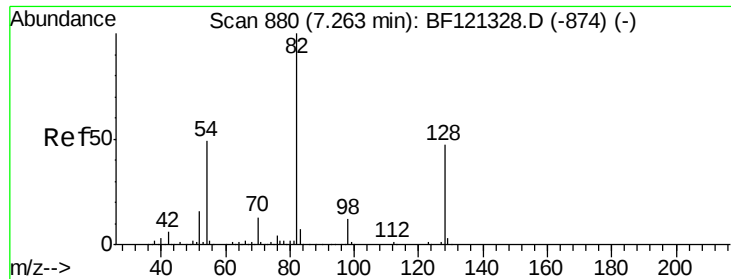
mohammad
8/25/2020 4:18:59 PM



#22
Acetophenone
Concen: 36.342 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562910		
71	5.6	3.5	5.3#	
51	31.0	23.9	35.9	
120	22.5	17.9	26.9	





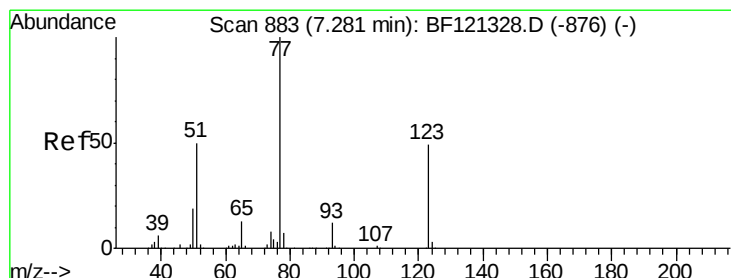
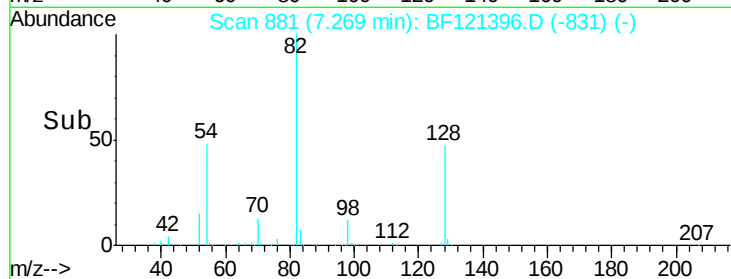
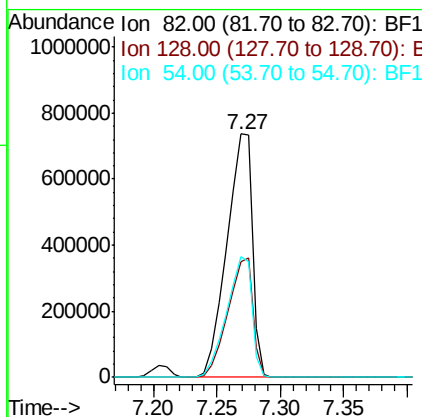
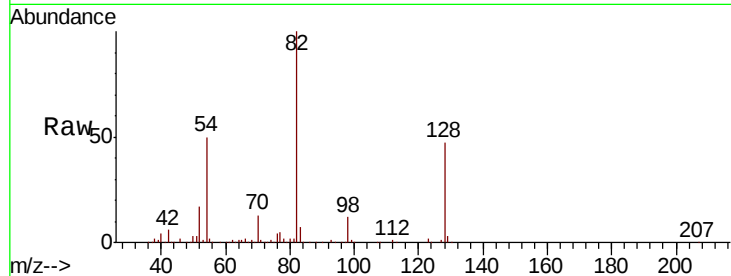
#23
 Nitrobenzene-d5
 Concen: 87.460 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampled :
 PB131130BS

Tot Ion	82	Resp	1024549
Ion Ratio	100	Lower	Upper
128	47.2	38.4	57.6
54	49.5	39.0	58.6

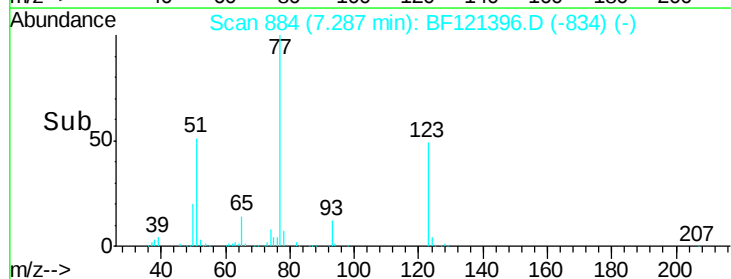
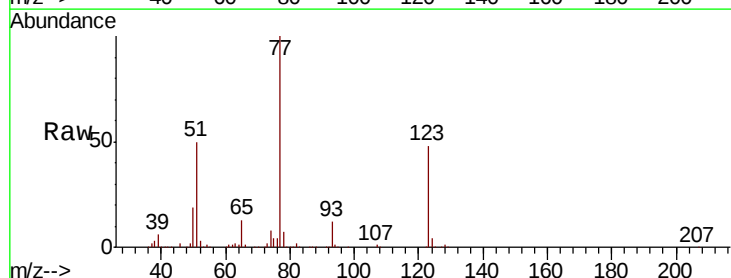
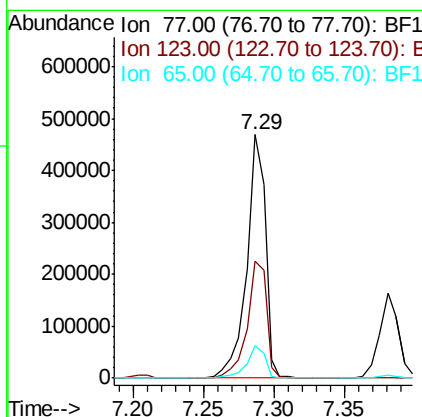
Manual Integrations
 APPROVED

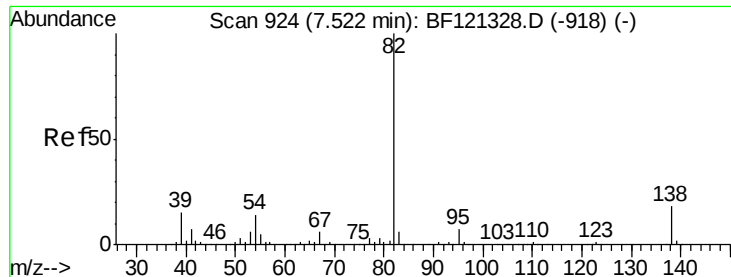
mohammad
 8/25/2020 4:18:59 PM



#24
 Nitrobenzene
 Concen: 36.307 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	77	Resp	433489
Ion Ratio	100	Lower	Upper
123	48.1	42.0	63.0
65	13.4	10.4	15.6





#25

Isophorone

Concen: 37.936 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

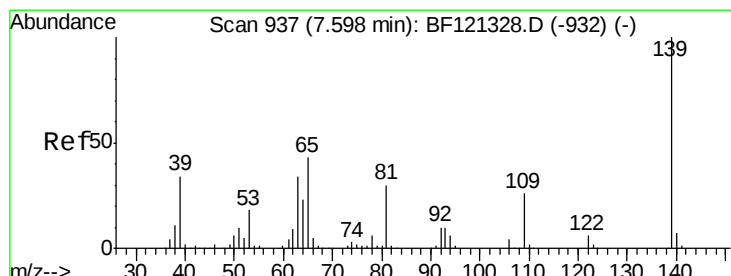
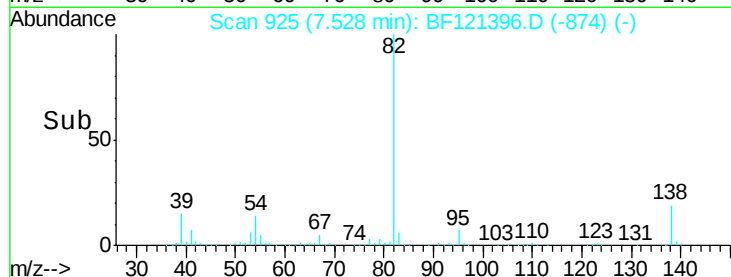
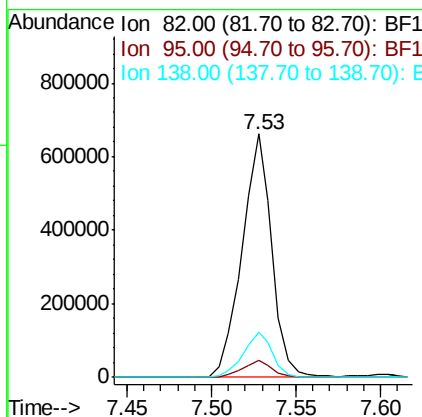
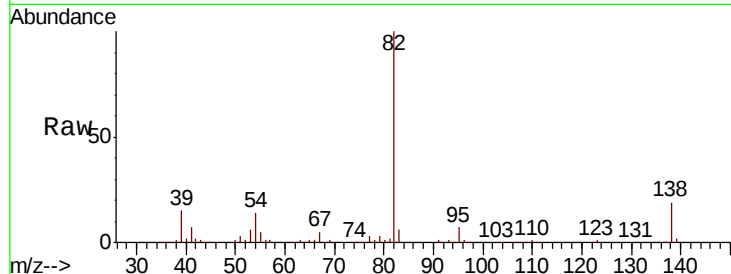
ClientSampleId :

PB131130BS

Tot Ion:	82	Resp:	808754
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.7	15.0	22.6

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#26

2-Nitrophenol

Concen: 39.241 ng

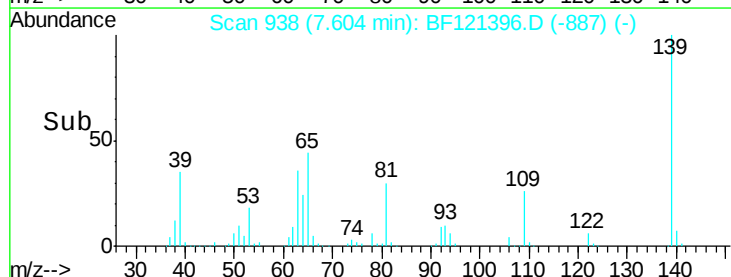
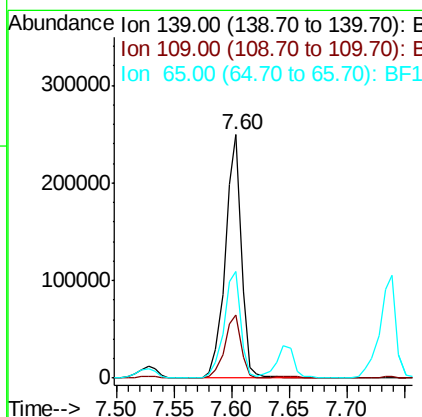
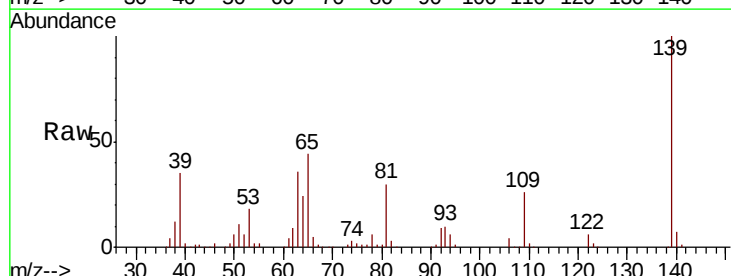
RT: 7.60 min Scan# 938

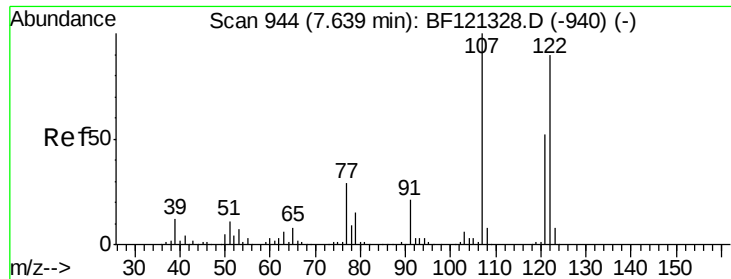
Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	139	Resp:	240287
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.2	31.8
65	43.8	37.0	55.6





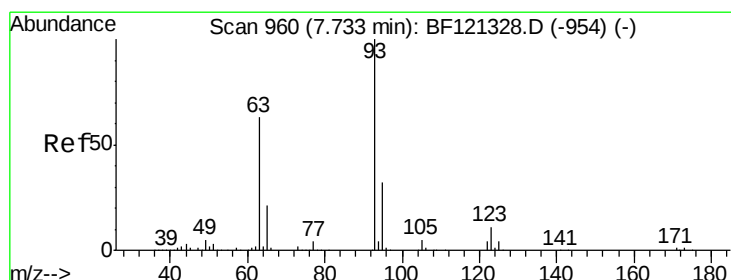
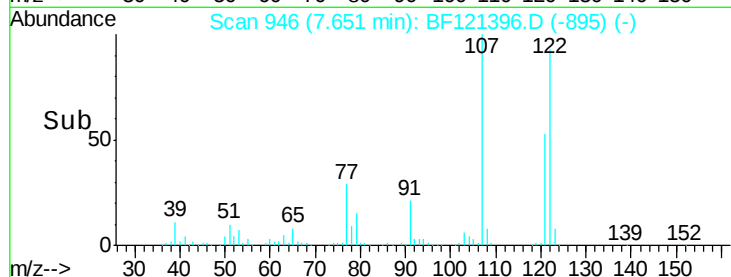
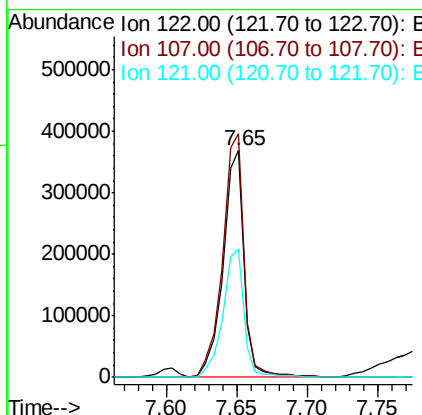
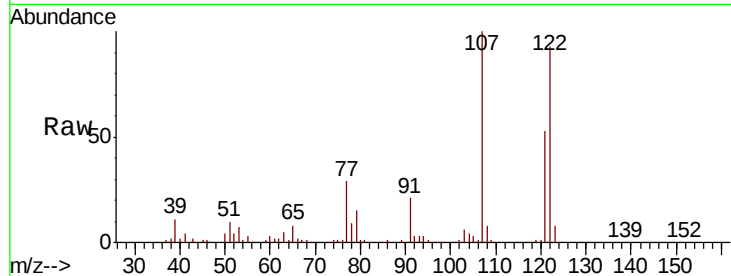
#27
 2,4-Dimethylphenol
 Concen: 43.444 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	379593		
107	107.4	85.1	127.7	
121	56.8	44.9	67.3	

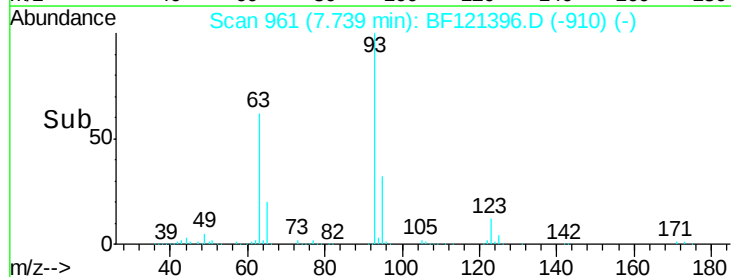
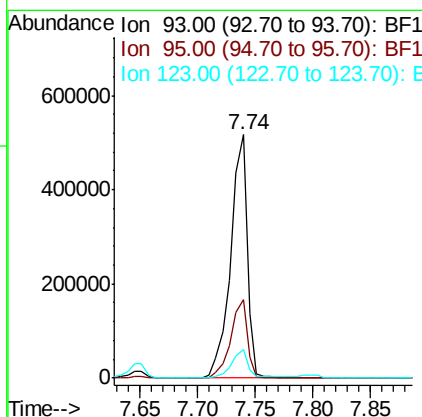
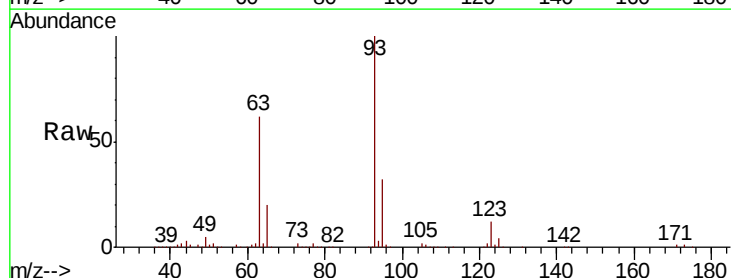
Manual Integrations
 APPROVED

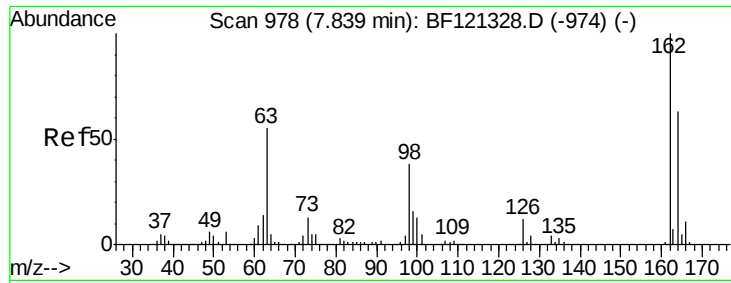
mohammad
 8/25/2020 4:18:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.709 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	518221		
95	32.3	26.6	39.8	
123	11.7	9.4	14.0	





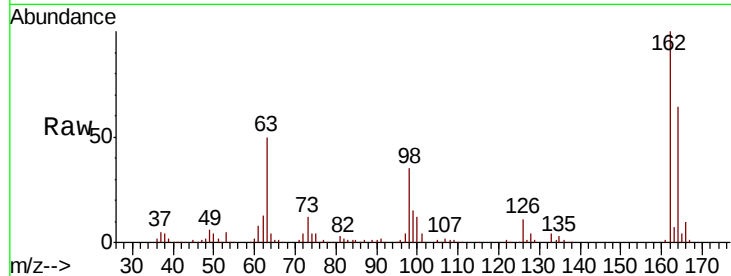
#29
2,4-Dichlorophenol
Concen: 37.373 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

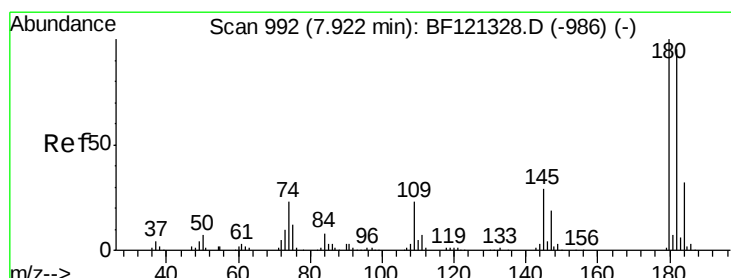
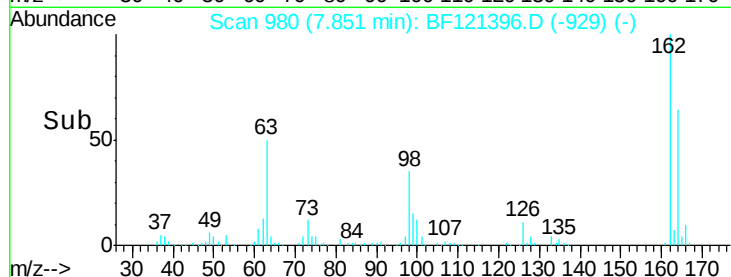
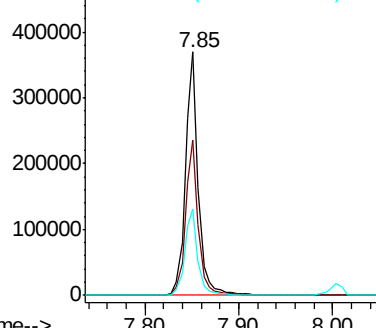
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.9	44.3	84.3		
98	35.4	16.1	56.1		

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



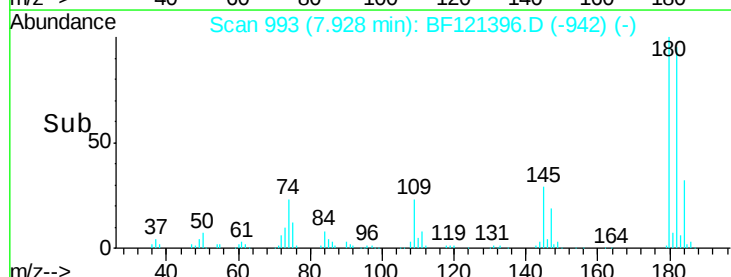
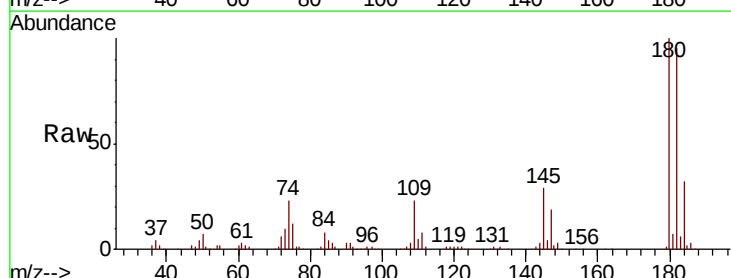
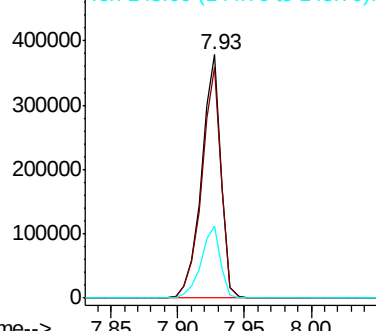
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

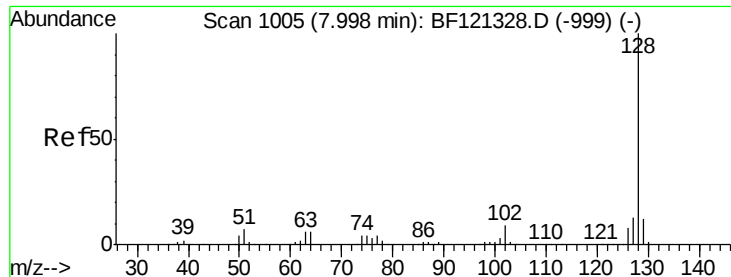


#30
1,2,4-Trichlorobenzene
Concen: 35.483 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	94.7	75.0	112.6		
145	29.5	24.1	36.1		

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





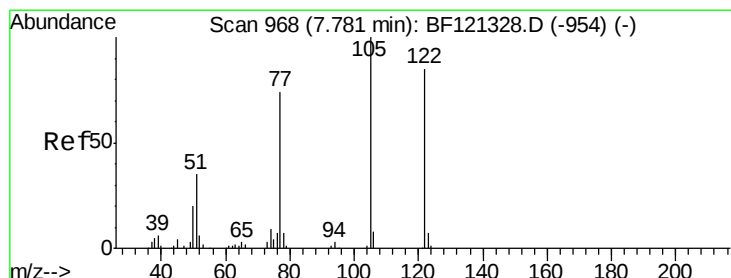
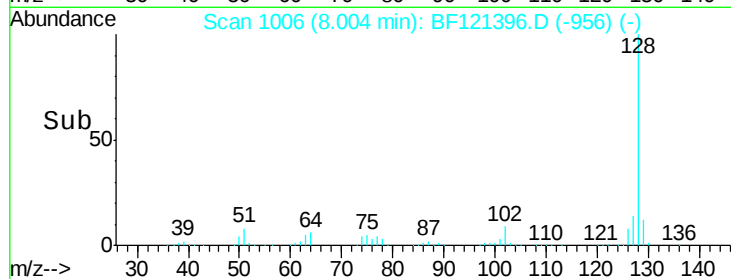
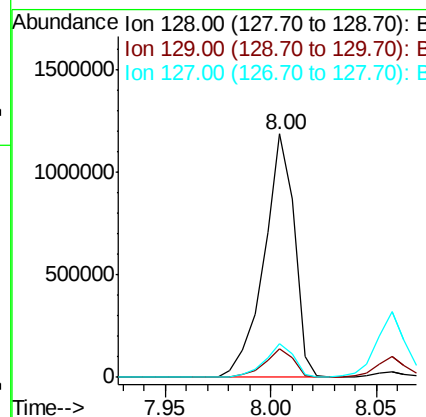
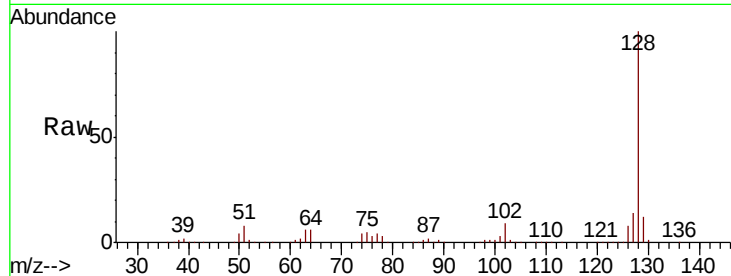
#31
Naphthalene
Concen: 35.918 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.6	10.6	15.8

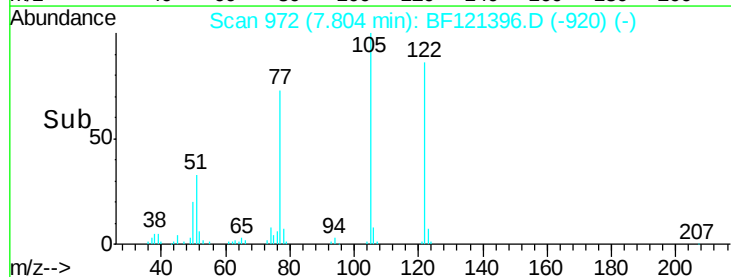
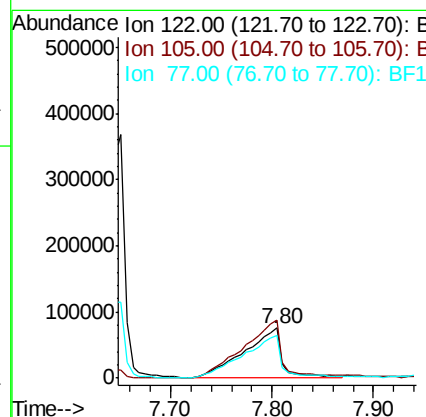
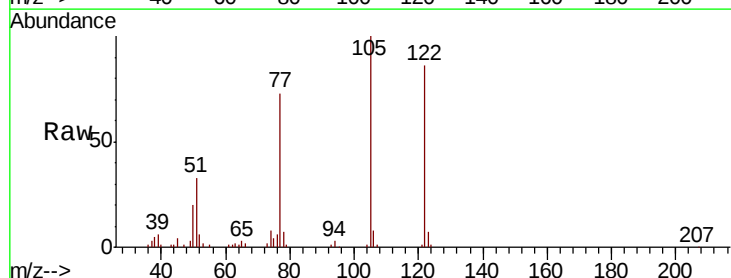
Manual Integrations
APPROVED

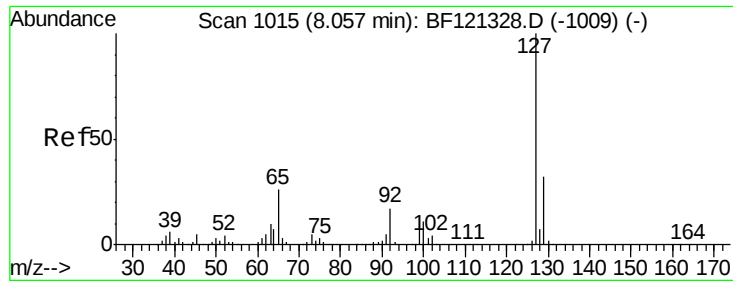
mohammad
8/25/2020 4:18:59 PM



#32
Benzoic acid
Concen: 30.991 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	98.8	138.8
77	85.1	66.3	106.3





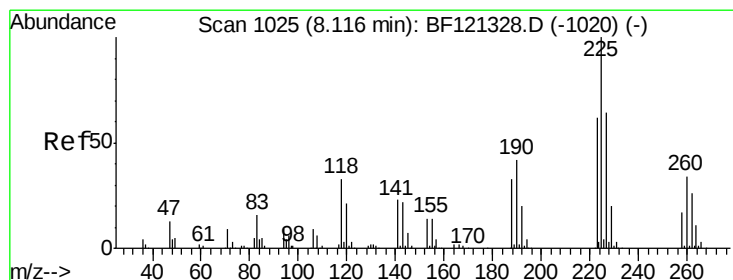
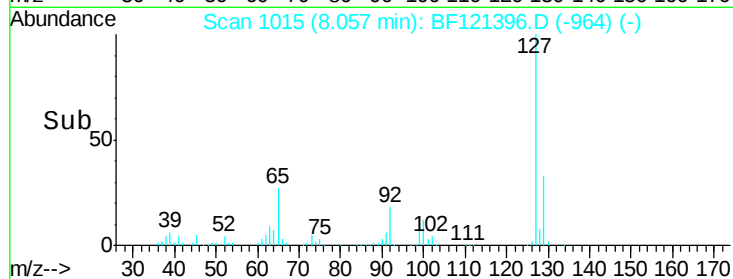
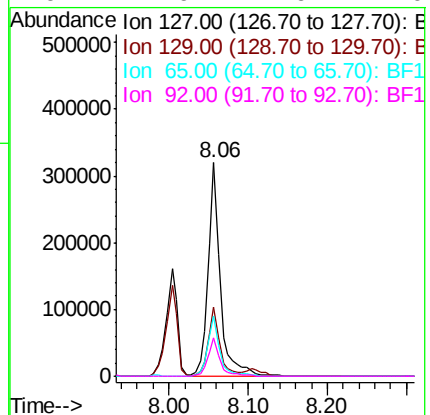
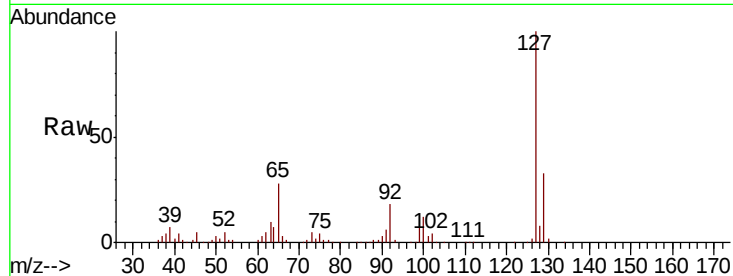
#33
4-Chloroaniline
Concen: 23.707 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		346144		
129	32.5	26.1	39.1		
65	27.9	23.7	35.5		
92	17.9	14.6	22.0		

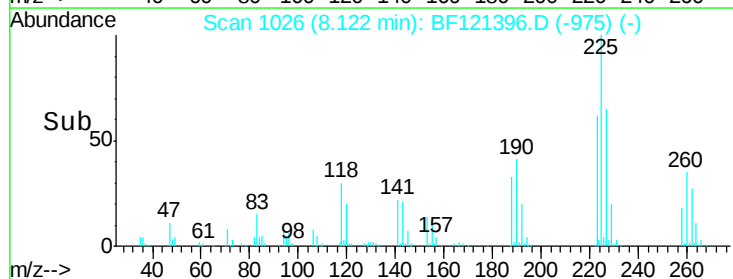
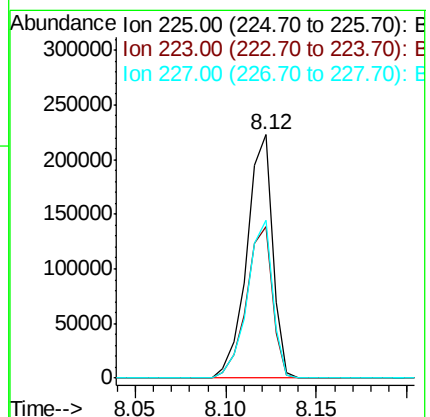
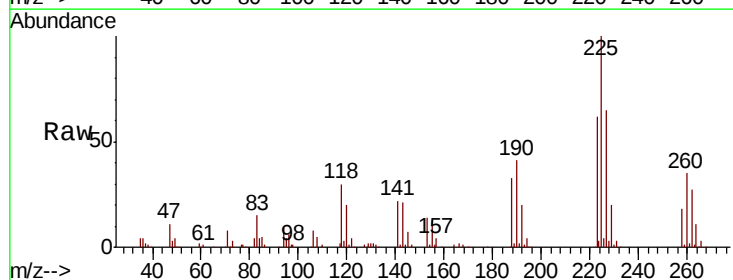
Manual Integrations
APPROVED

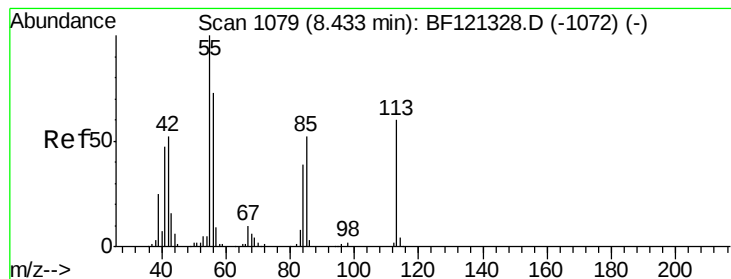
mohammad
8/25/2020 4:18:59 PM



#34
Hexachlorobutadiene
Concen: 34.071 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		219955		
223	62.1	51.2	76.8		
227	64.7	51.8	77.8		





#35

Caprolactam

Concen: 38.574 ng/mL

RT: 8.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

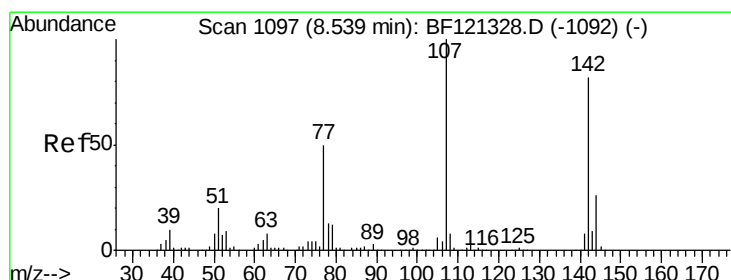
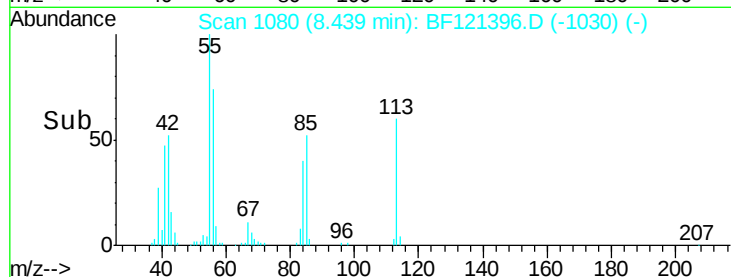
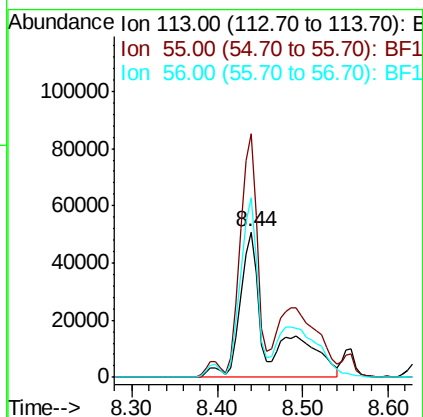
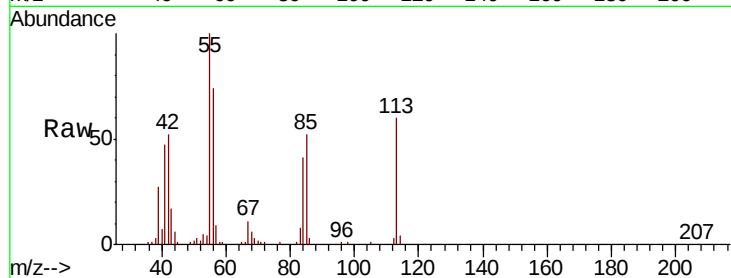
ClientSampleId :

PB131130BS

Tot Ion:	113	Resp:	120517
Ion Ratio	Lower	Upper	
113	100		
55	167.5	147.4	187.4
56	123.8	102.7	142.7

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#36

4-Chloro-3-methylphenol

Concen: 38.549 ng/mL

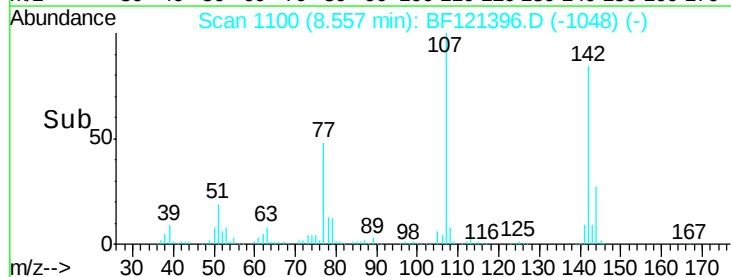
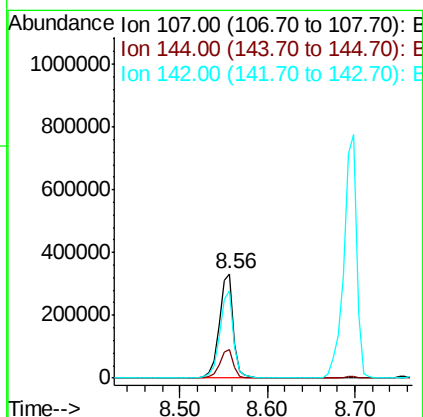
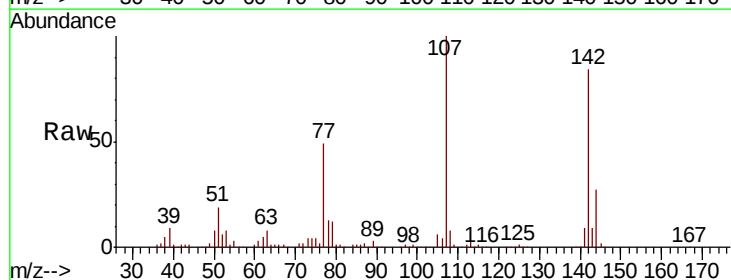
RT: 8.56 min Scan# 1100

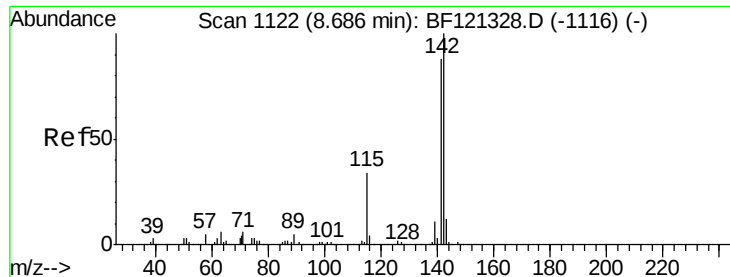
Delta R.T. 0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	107	Resp:	371930
Ion Ratio	Lower	Upper	
107	100		
144	27.3	20.7	31.1
142	84.0	65.4	98.2





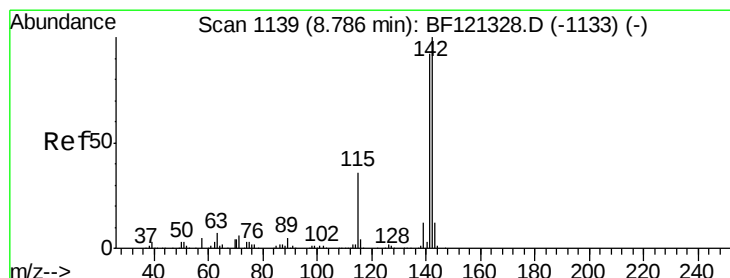
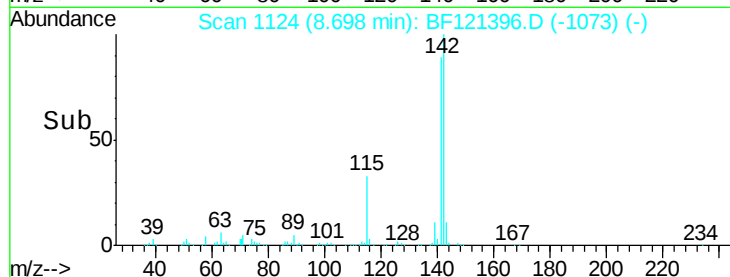
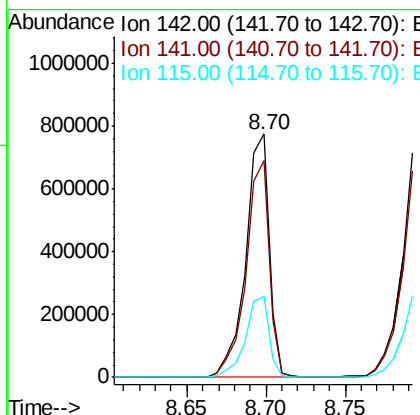
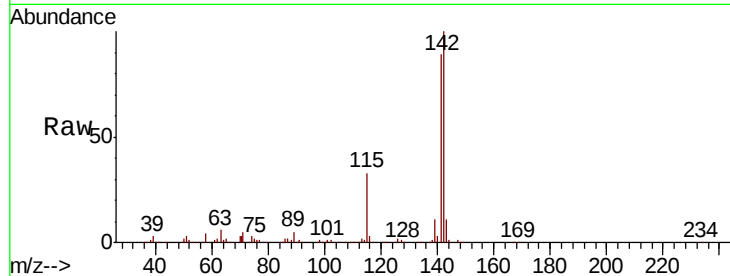
#37
2-Methylnaphthalene
Concen: 37.201 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	33.1	26.9	40.3

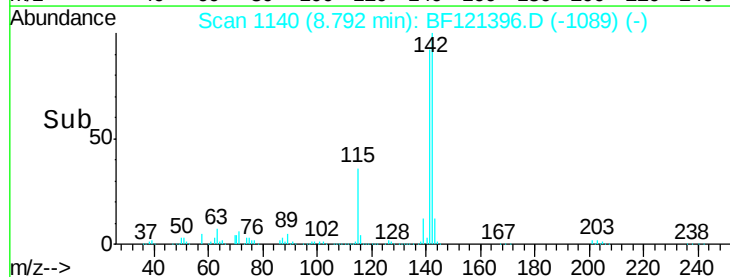
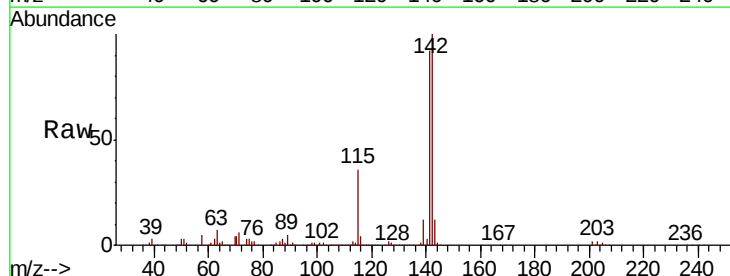
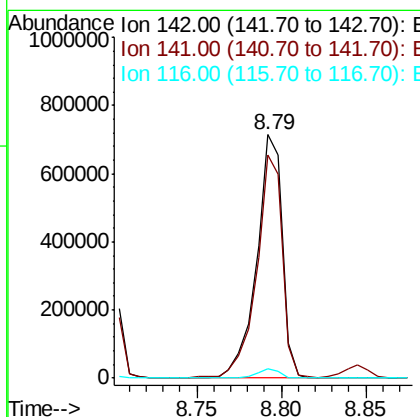
Manual Integrations
APPROVED

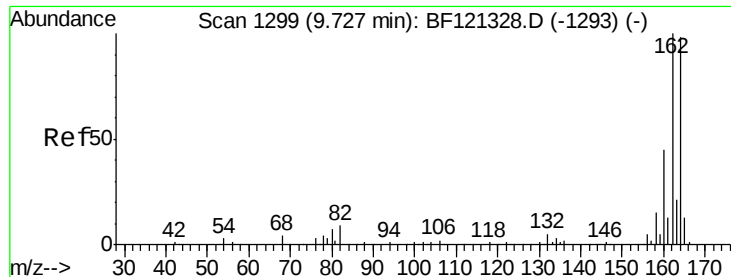
mohammad
8/25/2020 4:18:59 PM



#38
1-Methylnaphthalene
Concen: 36.961 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.6
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

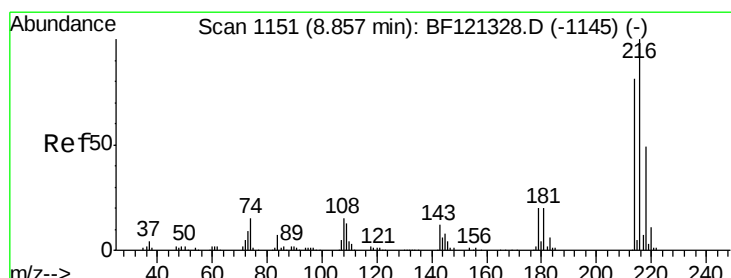
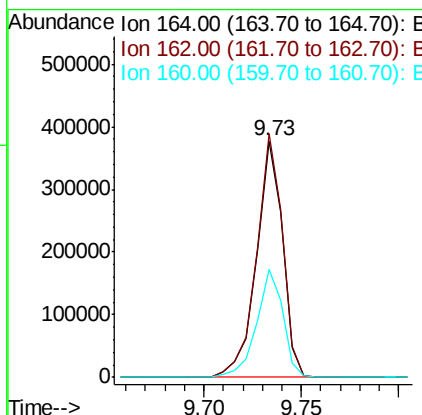
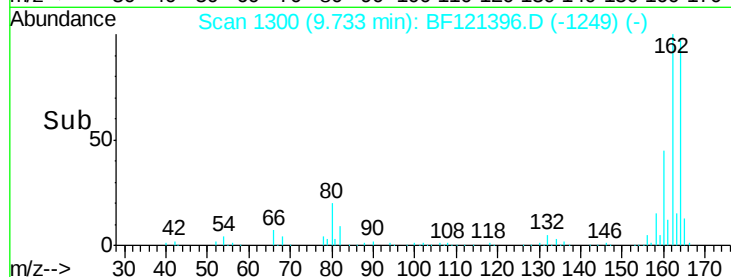
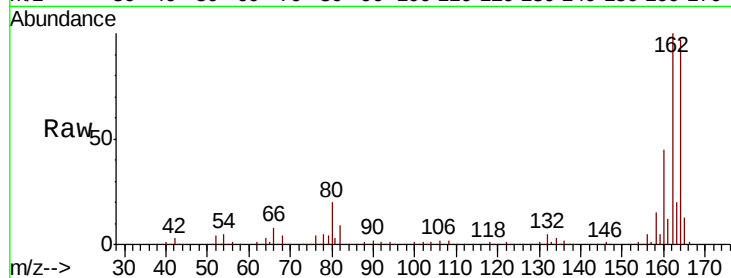
ClientSampleId :

PB131130BS

Tot Ion:	164	Resp:	351170
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.9	122.9
160	45.9	37.1	55.7

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.991 ng

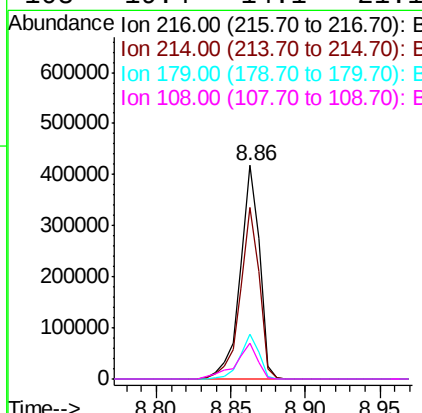
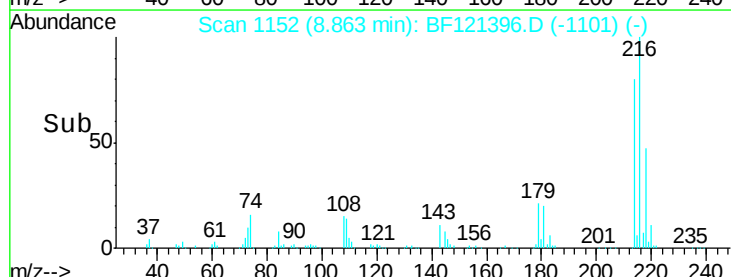
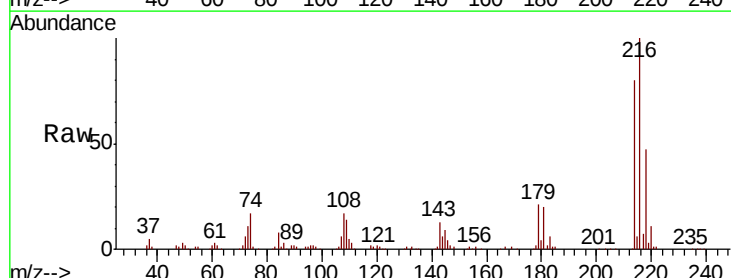
RT: 8.86 min Scan# 1152

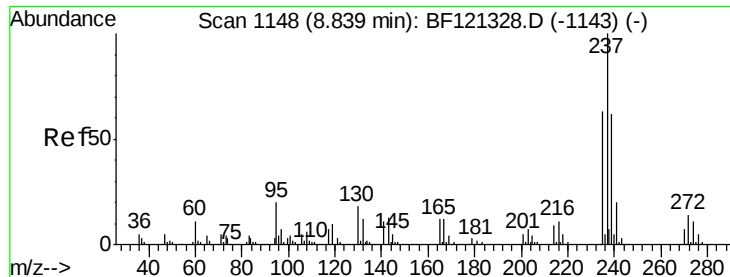
Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	216	Resp:	375124
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.6
179	20.7	16.6	24.8
108	19.4	14.1	21.1





#41

Hexachlorocyclopentadiene

Concen: 77.442 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

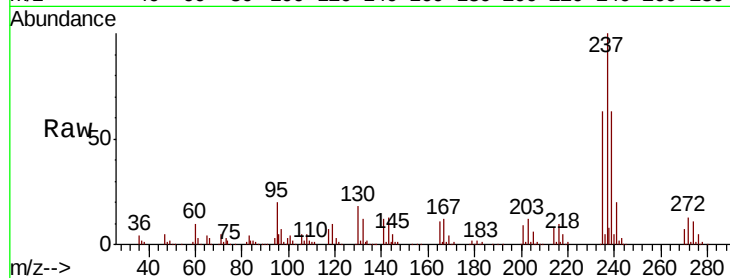
ClientSampleId :

PB131130BS

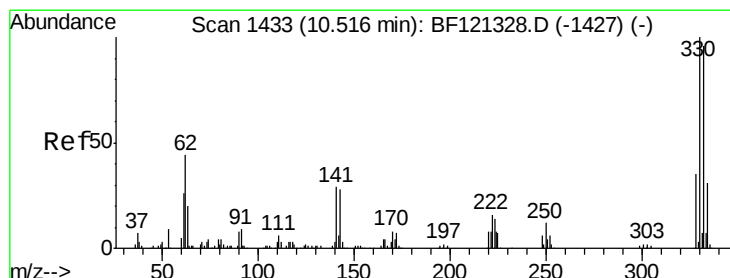
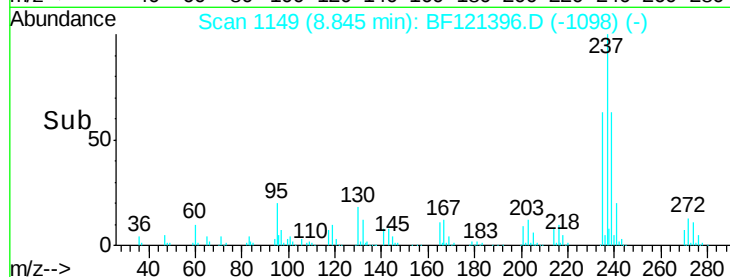
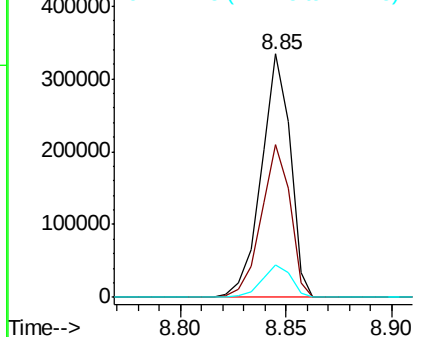
Tot Ion:	237	Resp:	318786
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.8	82.8
272	13.5	0.0	33.3

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 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: 88.928 ng

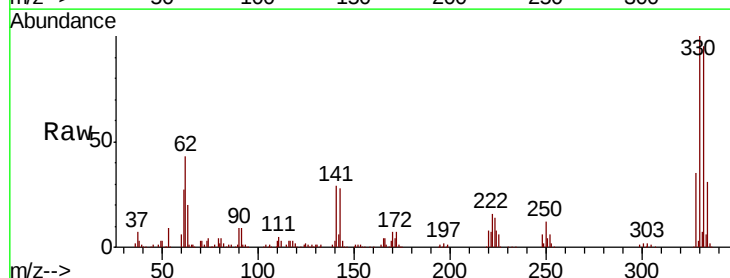
RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

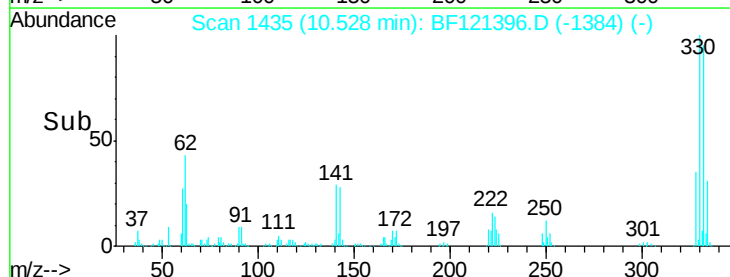
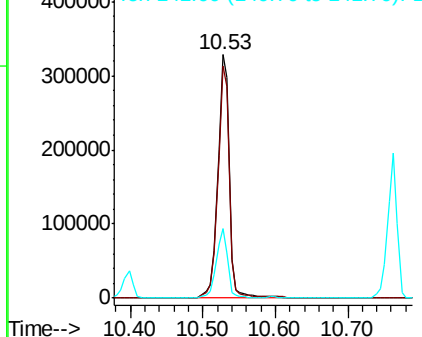
Lab File: BF121396.D

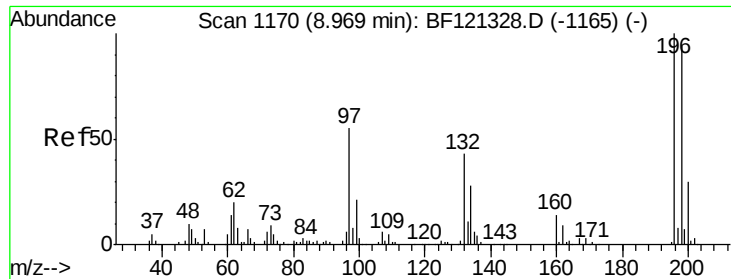
Acq: 24 Aug 2020 13:08

Tgt Ion:	330	Resp:	363915
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	28.5	22.8	34.2



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





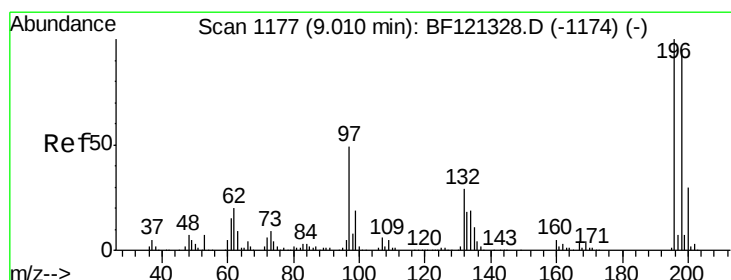
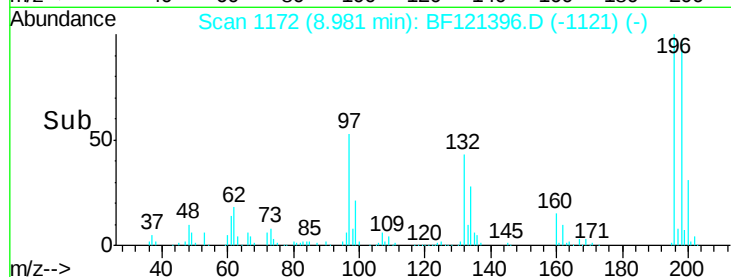
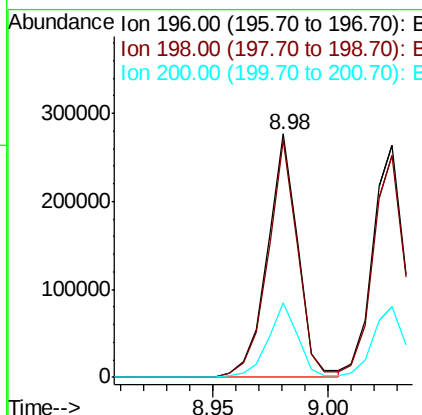
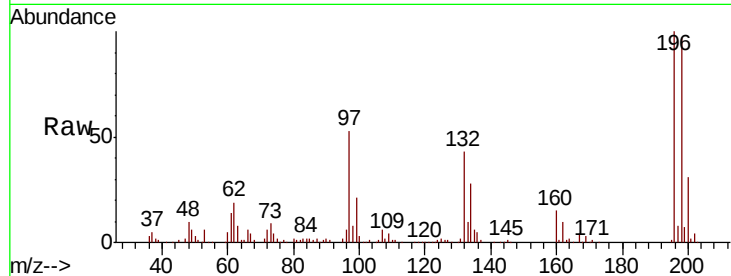
#43
 2,4,6-Trichlorophenol
 Concen: 35.596 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253642		
198	97.5	76.6	114.8	
200	30.8	24.7	37.1	

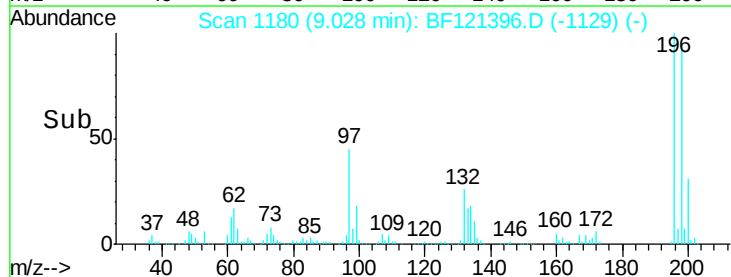
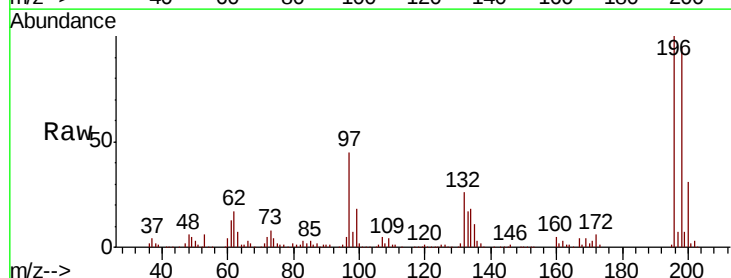
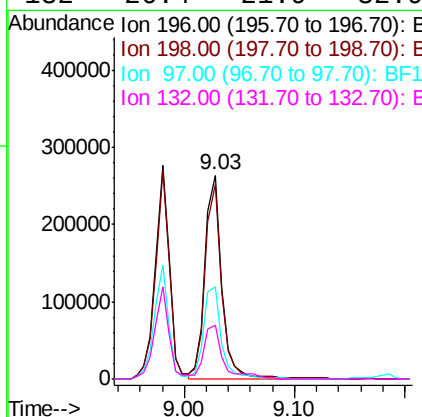
Manual Integrations
 APPROVED

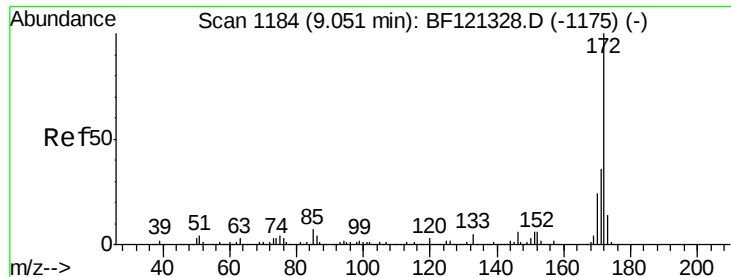
mohammad
 8/25/2020 4:18:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.797 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269753		
198	95.5	76.5	114.7	
97	45.4	37.3	55.9	
132	26.4	21.9	32.9	





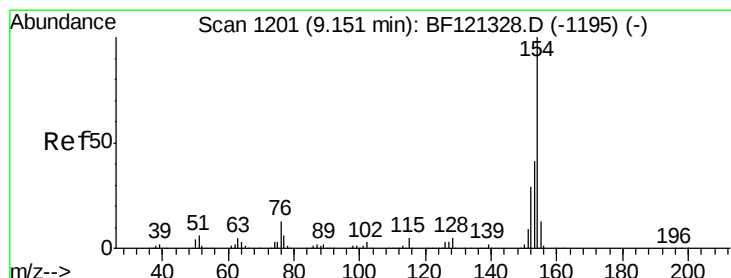
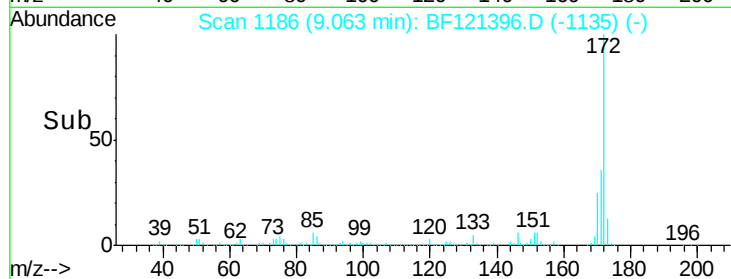
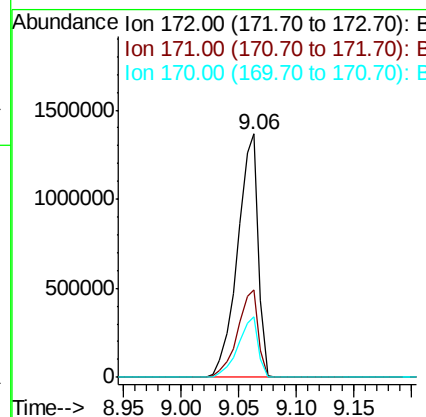
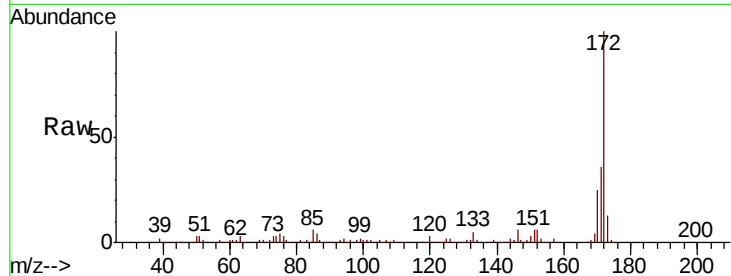
#45
2-Fluorobiphenyl
Concen: 93.408 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.7	19.6	29.4

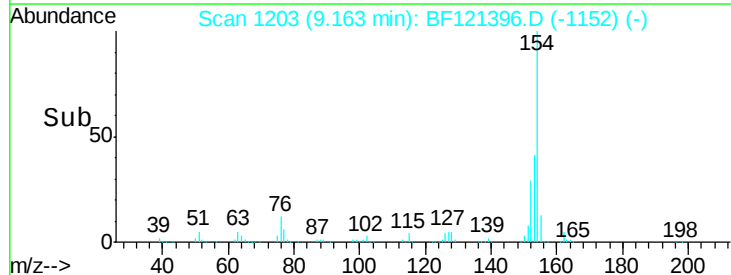
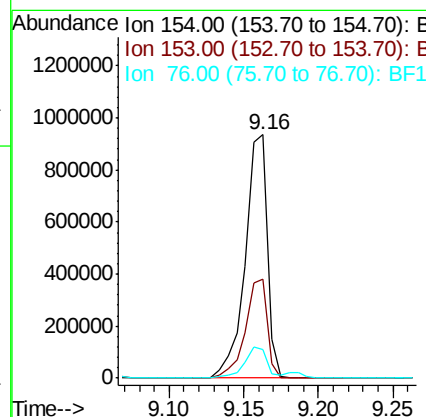
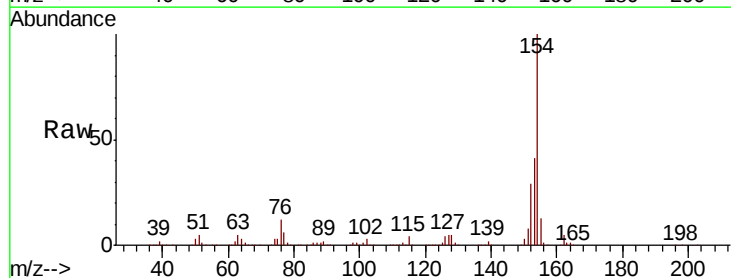
Manual Integrations
APPROVED

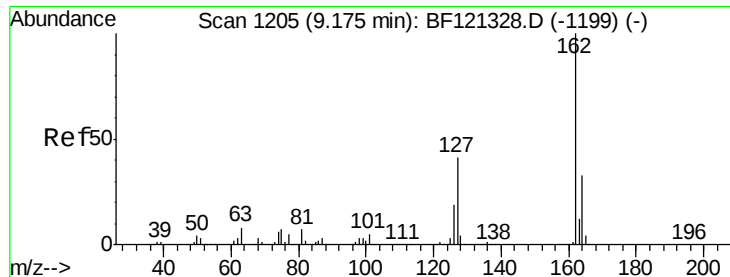
mohammad
8/25/2020 4:18:59 PM



#46
1,1'-Biphenyl
Concen: 36.471 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	11.8	0.0	31.9





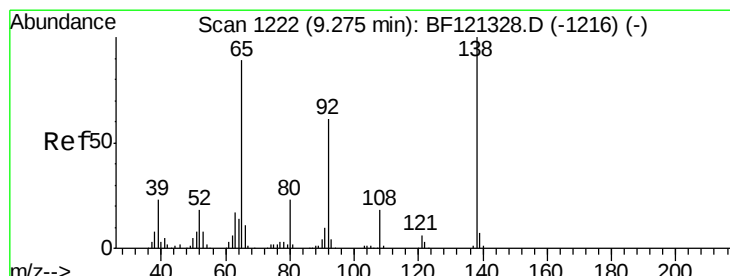
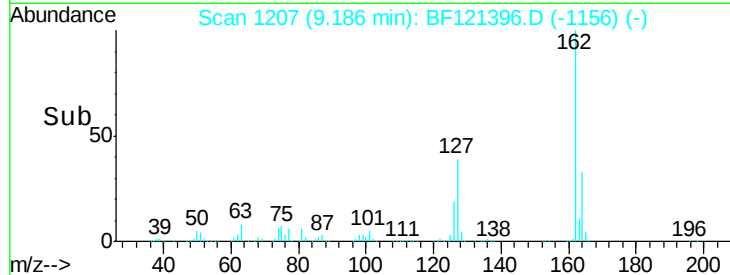
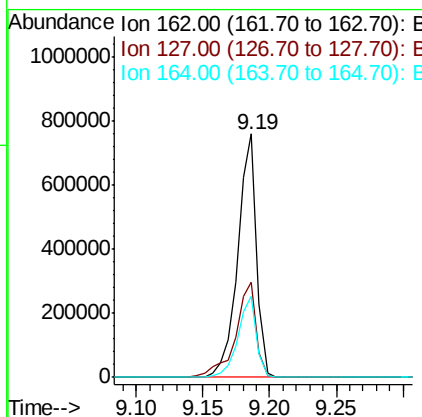
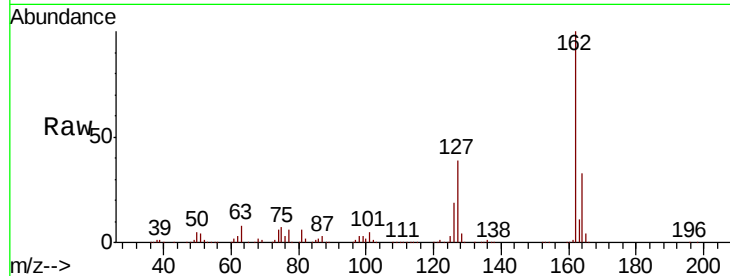
#47
 2-Chloronaphthalene
 Concen: 34.191 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	741418		
127	39.2		32.4	48.6
164	33.3		26.4	39.6

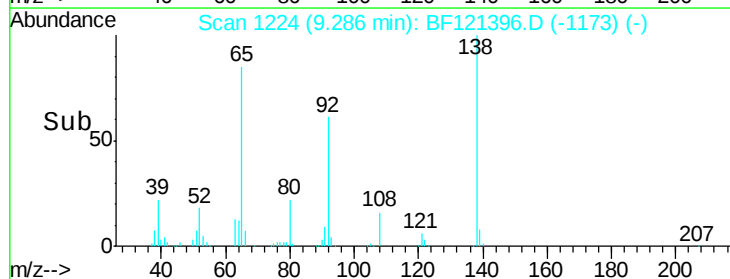
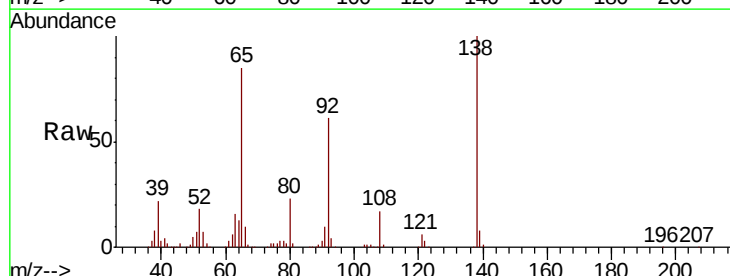
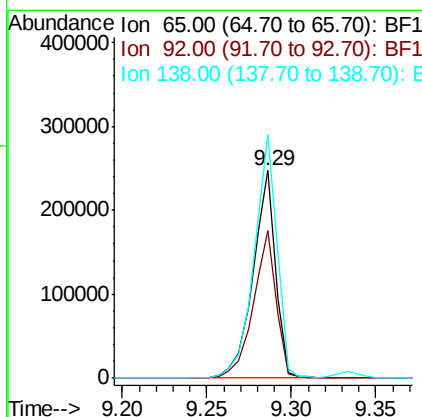
Manual Integrations
 APPROVED

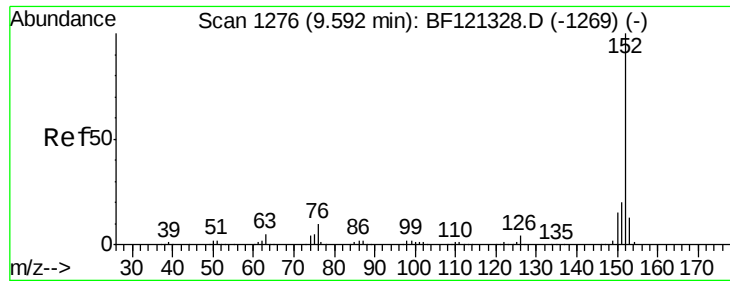
mohammad
 8/25/2020 4:18:59 PM



#48
 2-Nitroaniline
 Concen: 34.300 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	234184		
92	71.1		58.0	87.0
138	117.4		94.1	141.1





#49

Acenaphthylene

Concen: 36.586 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:152 Resp: 1178390

Ion Ratio Lower Upper

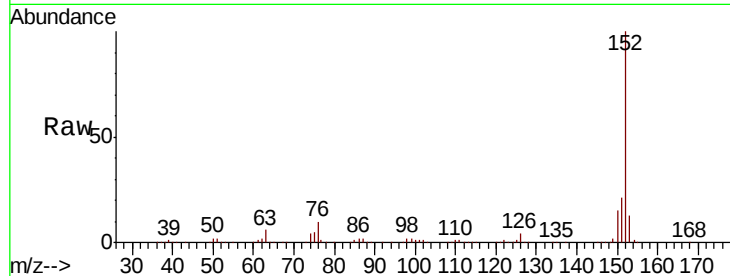
152 100

151 20.8 16.5 24.7

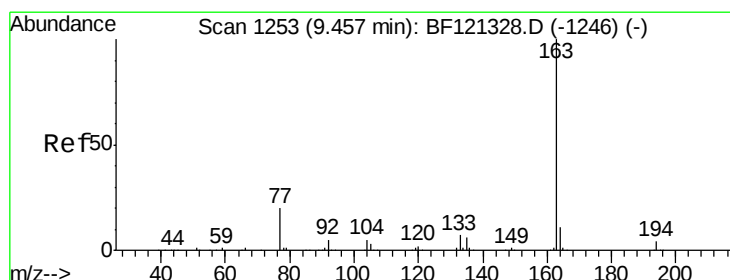
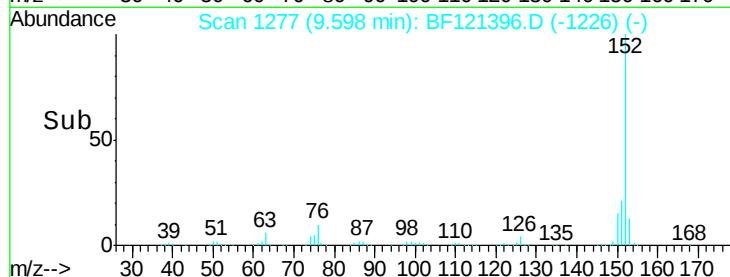
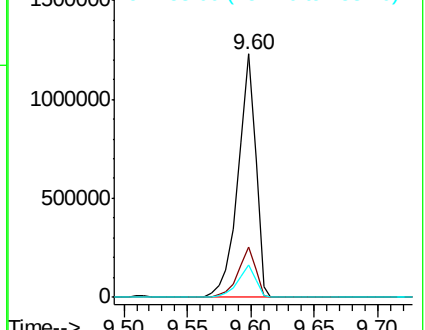
153 13.4 10.8 16.2

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 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: 35.406 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

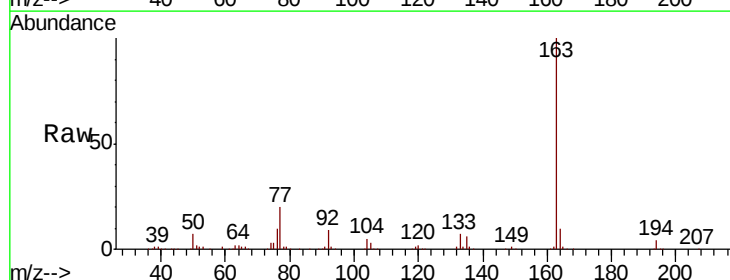
Tgt Ion:163 Resp: 904553

Ion Ratio Lower Upper

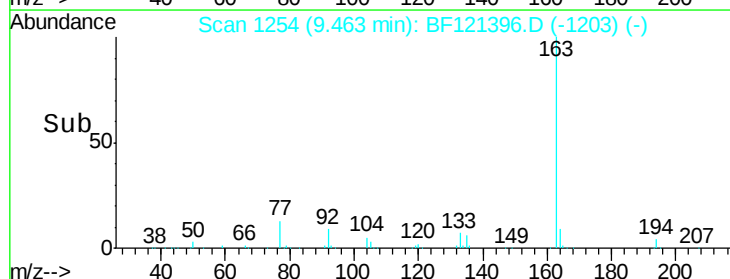
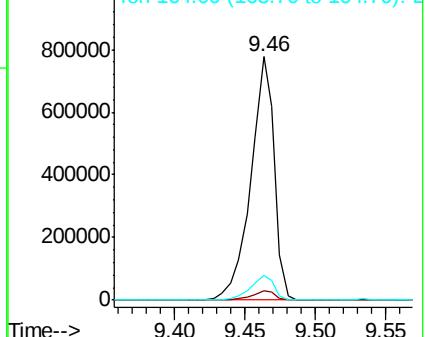
163 100

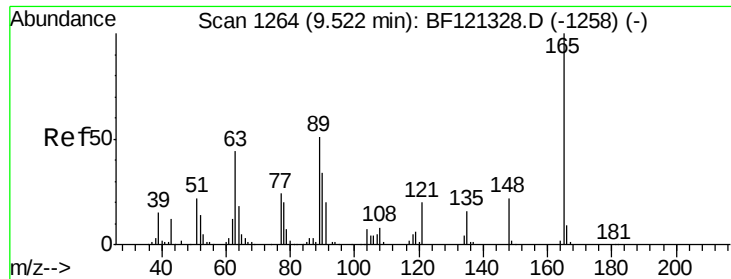
194 3.8 3.1 4.7

164 10.3 8.5 12.7



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: 37.199 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:165 Resp: 202970
Ion Ratio Lower Upper

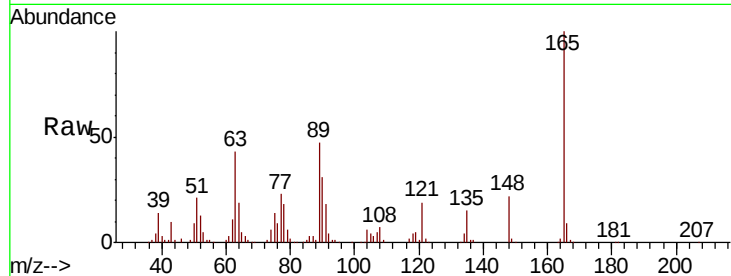
165 100

63 42.6 36.1 54.1

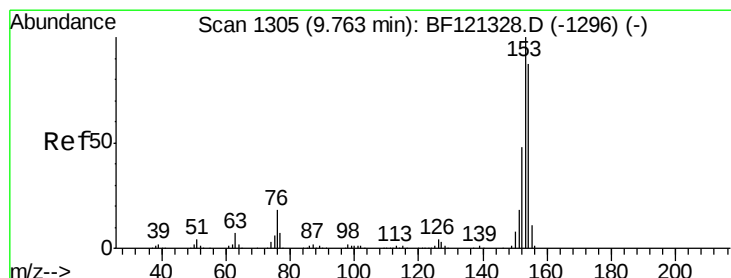
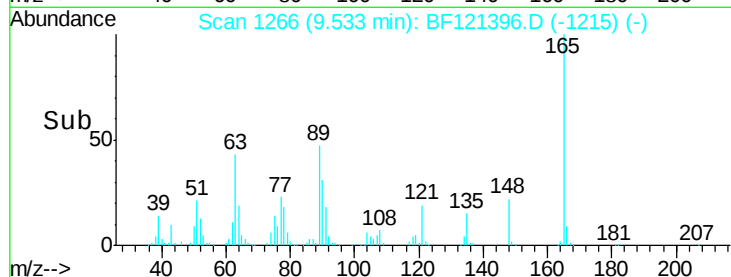
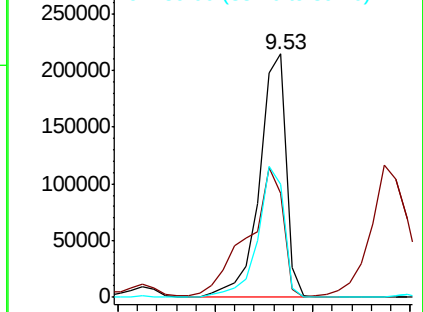
89 46.6 39.4 59.2

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 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: 35.155 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF121396.D

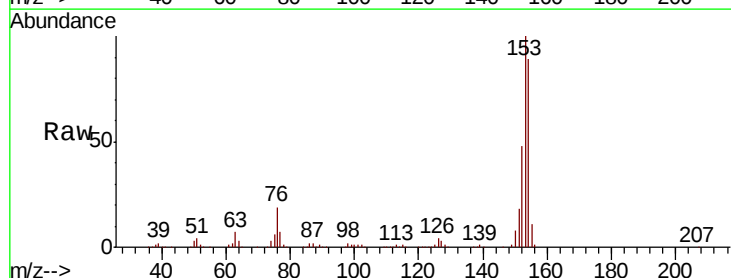
Acq: 24 Aug 2020 13:08

Tgt Ion:154 Resp: 687990
Ion Ratio Lower Upper

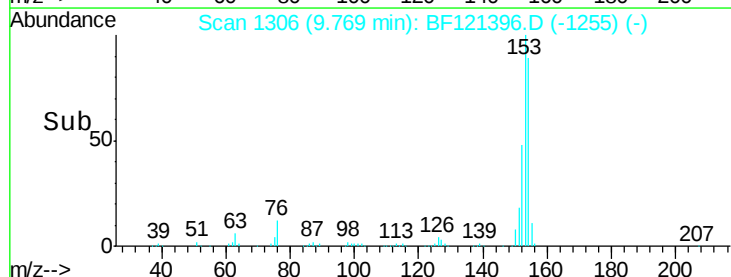
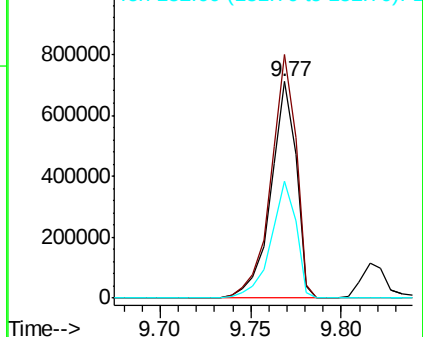
154 100

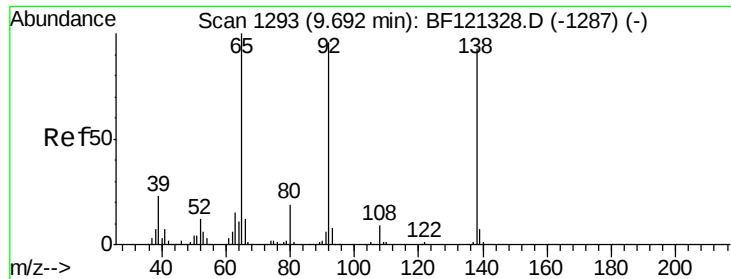
153 112.4 89.1 133.7

152 53.9 43.2 64.8



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





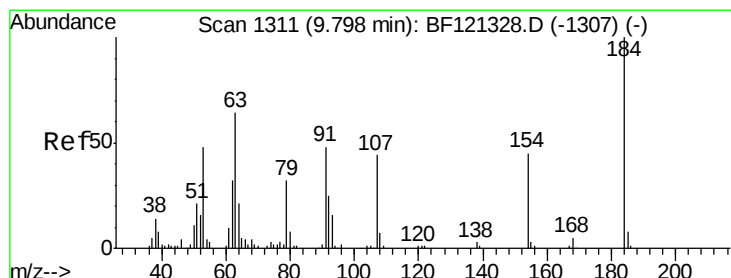
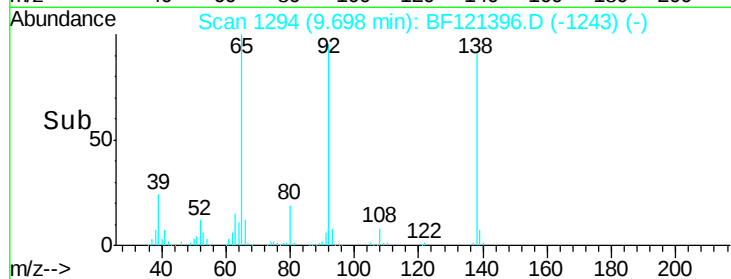
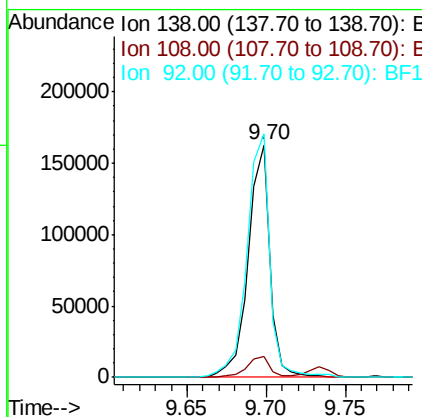
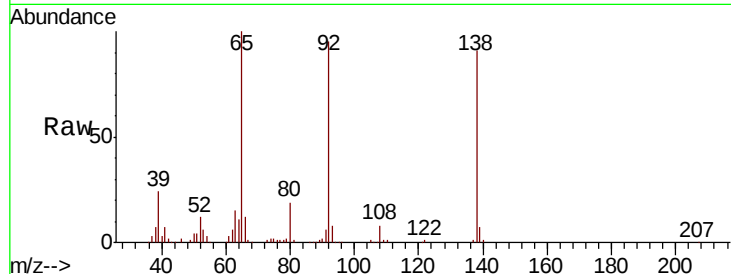
#53
3-Nitroaniline
Concen: 22.602 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	104.6	87.2	130.8

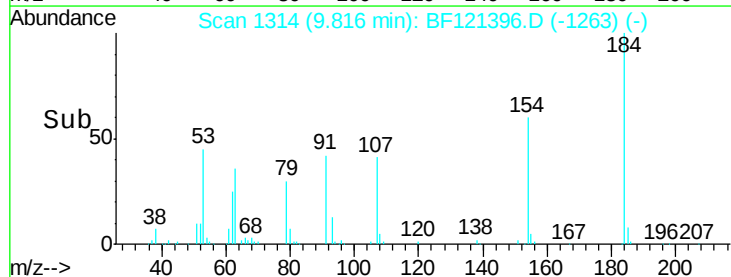
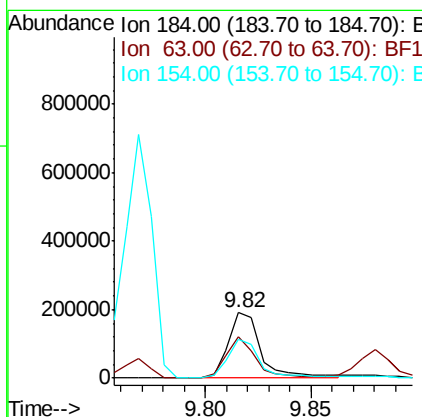
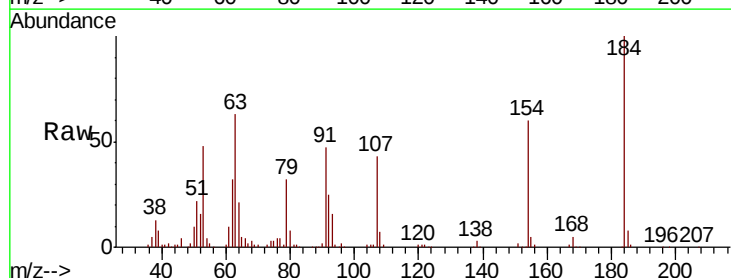
Manual Integrations
APPROVED

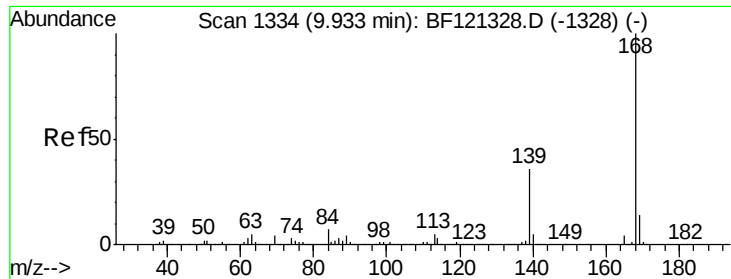
mohammad
8/25/2020 4:18:59 PM



#54
2,4-Dinitrophenol
Concen: 77.354 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	48.2	72.2
154	59.7	47.7	71.5





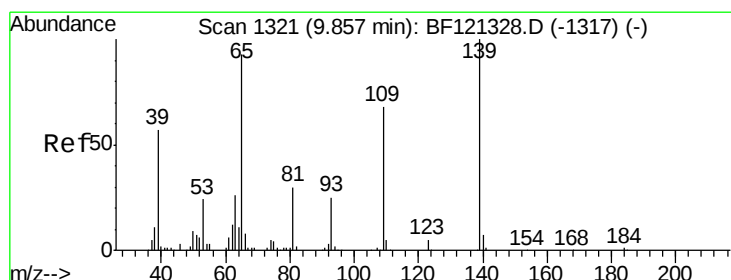
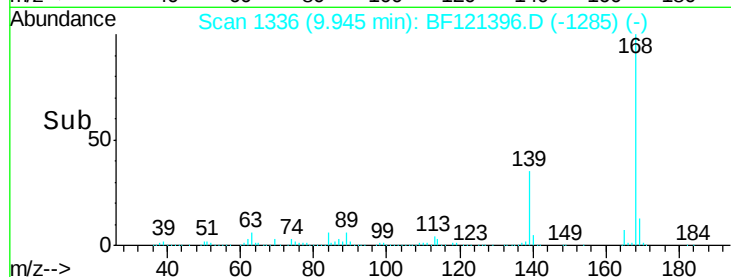
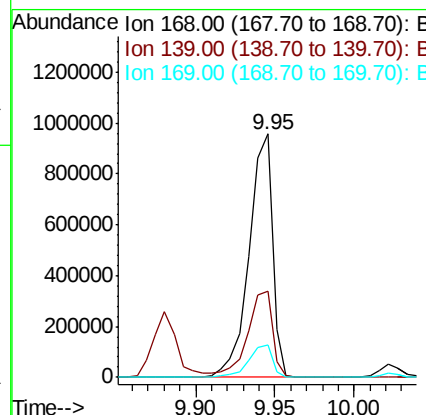
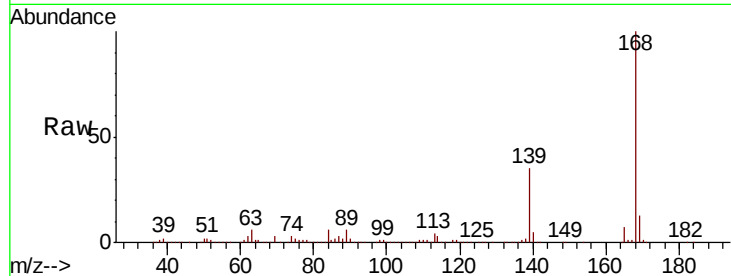
#55
Dibenzofuran
Concen: 38.576 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.2	42.4
169	13.3	10.6	16.0

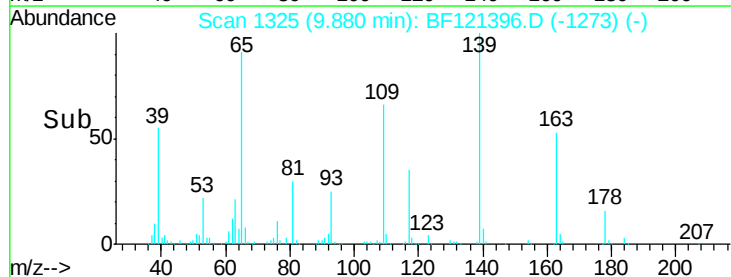
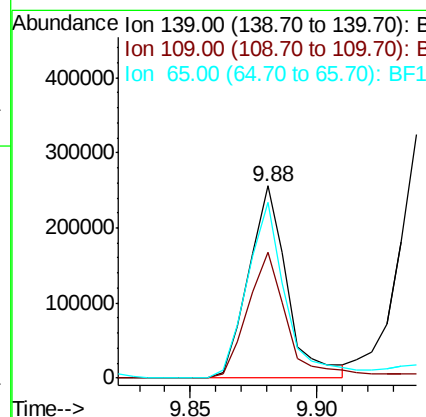
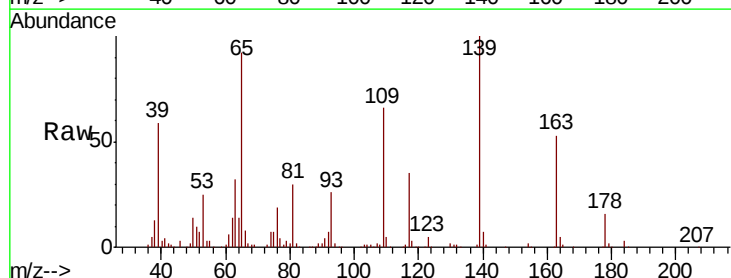
Manual Integrations
APPROVED

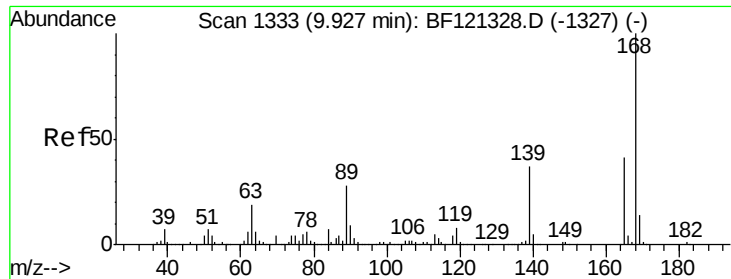
mohammad
8/25/2020 4:18:59 PM



#56
4-Nitrophenol
Concen: 64.494 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.6	46.1	86.1
65	91.6	71.1	111.1





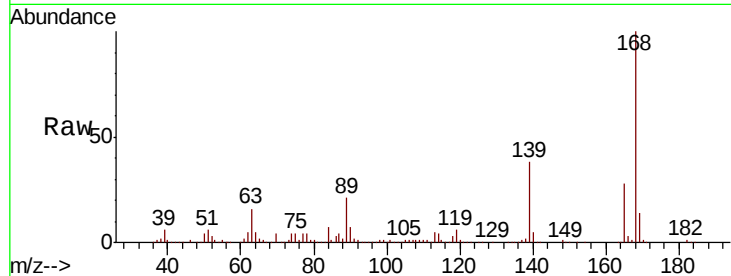
#57
 2,4-Dinitrotoluene
 Concen: 35.048 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

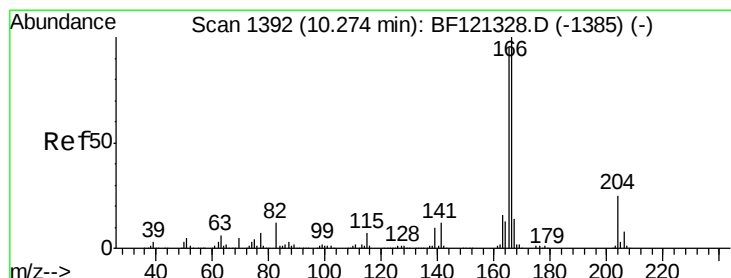
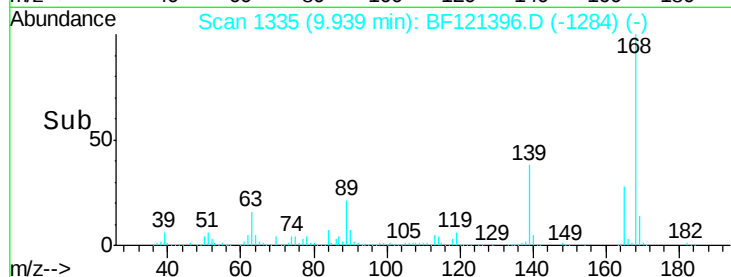
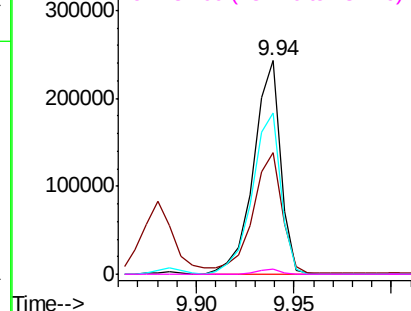
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.8	45.0	67.6	
89	75.8	60.2	90.2	
182	2.6	2.1	3.1	

Manual Integrations
 APPROVED

mohammad
 8/25/2020 4:18:59 PM

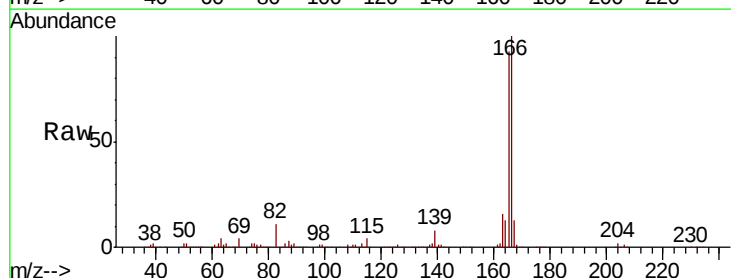


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

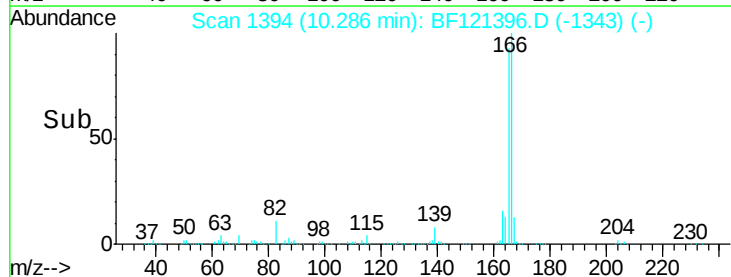
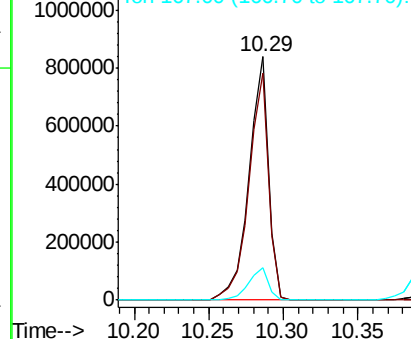


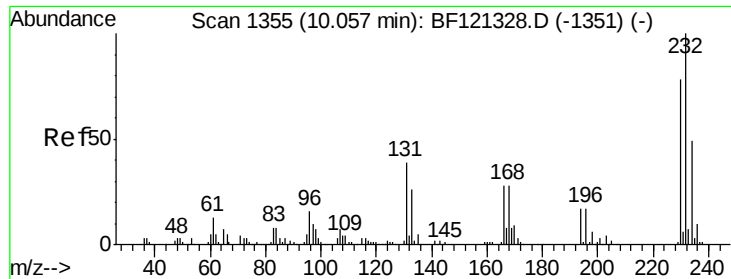
#58
 Fluorene
 Concen: 40.610 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.4	75.0	112.6	
167	13.4	10.8	16.2	



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





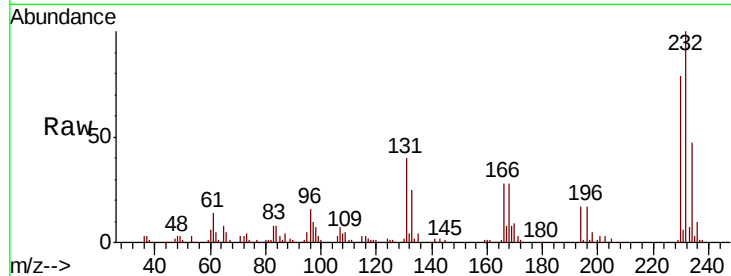
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.771 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

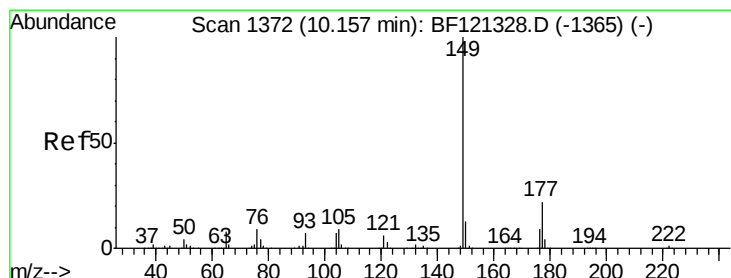
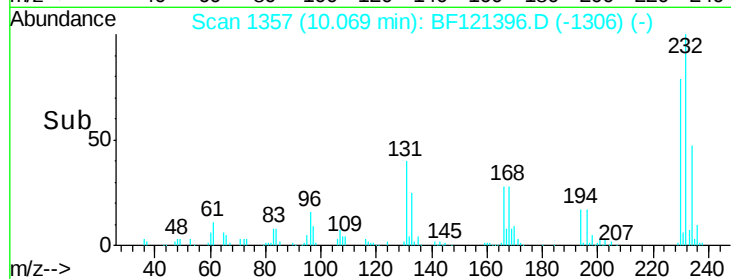
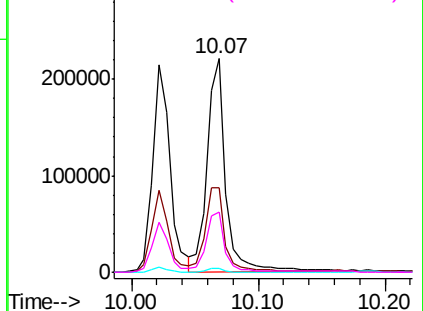
Tot Ion	Ratio	Resp	Lower	Upper
232	100	224167		
131	41.5		32.5	48.7
130	2.1		1.5	2.3
166	28.5		21.8	32.8

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM

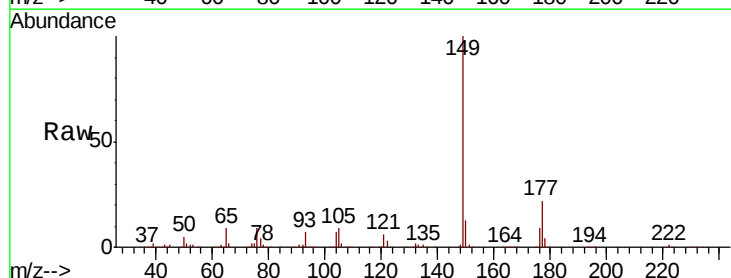


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

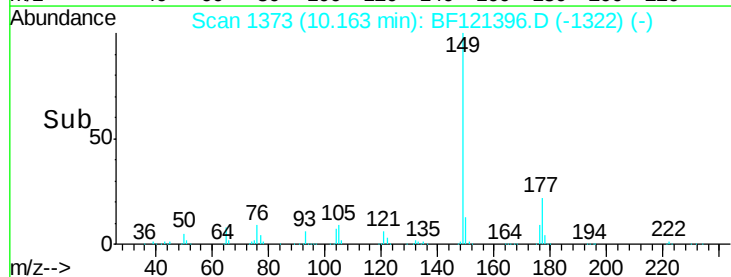
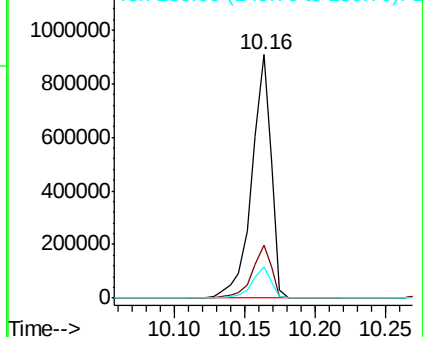


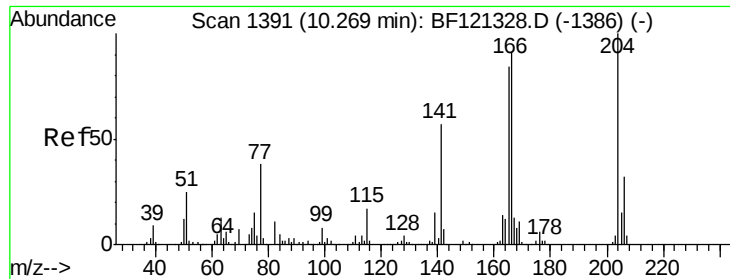
#60
Diethylphthalate
Concen: 35.083 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	875256		
177	21.7		17.8	26.6
150	12.7		10.0	15.0



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





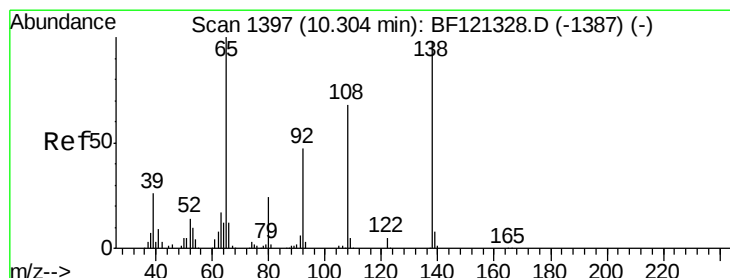
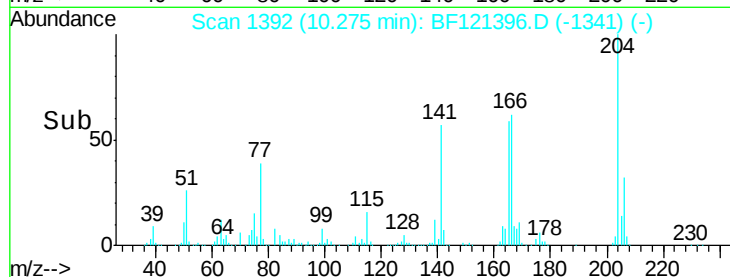
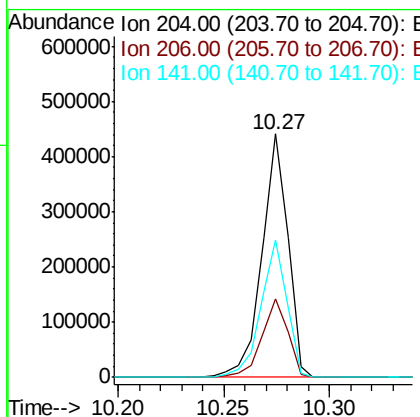
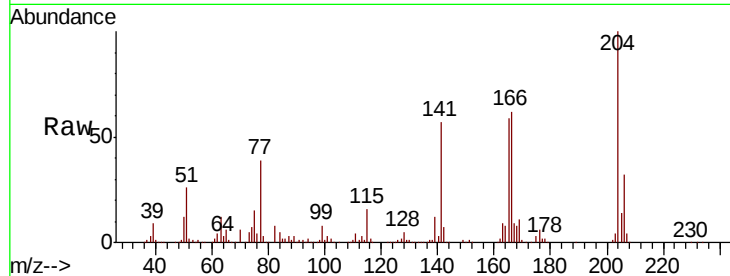
#61
4-Chlorophenyl-phenylether
Concen: 40.336 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.4
141	56.7	46.2	69.4

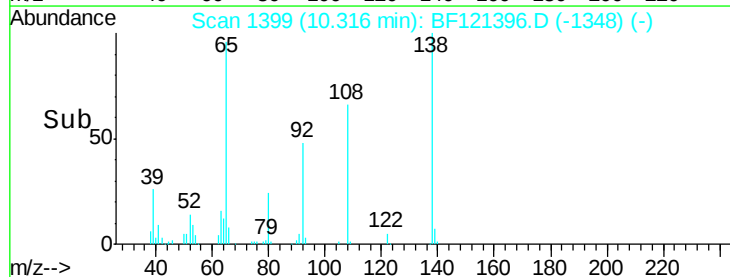
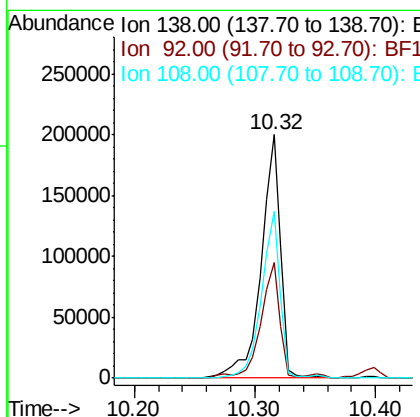
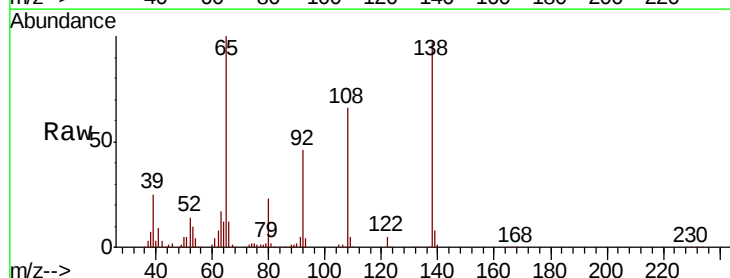
Manual Integrations
APPROVED

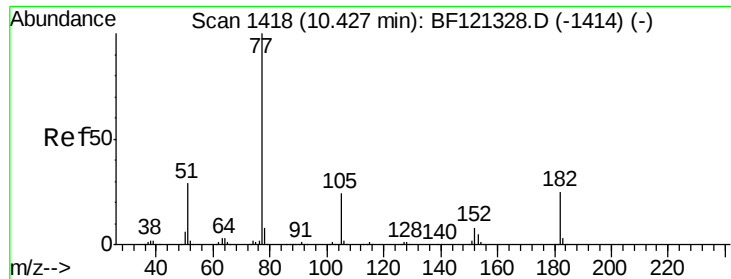
mohammad
8/25/2020 4:18:59 PM



#62
4-Nitroaniline
Concen: 32.004 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	26.6	66.6
108	68.3	48.9	88.9





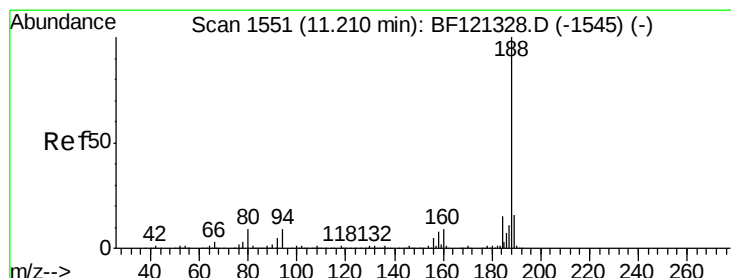
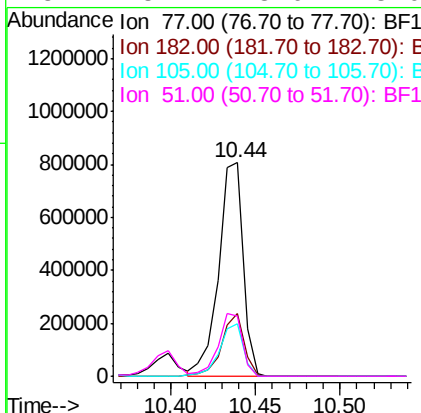
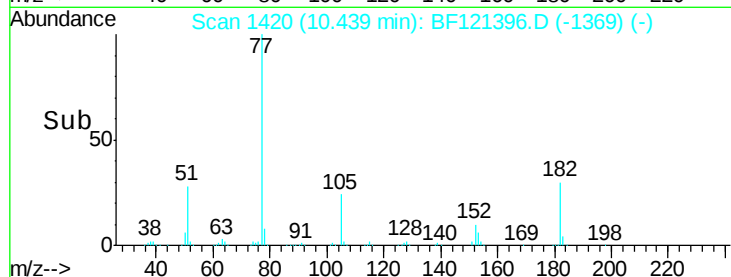
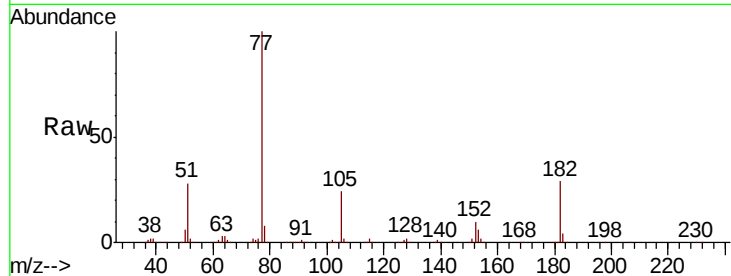
#63
Azobenzene
Concen: 35.154 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.4	7.7	47.7
105	24.4	3.8	43.8
51	28.2	8.0	48.0

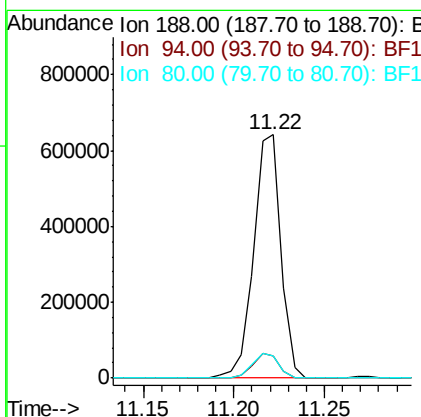
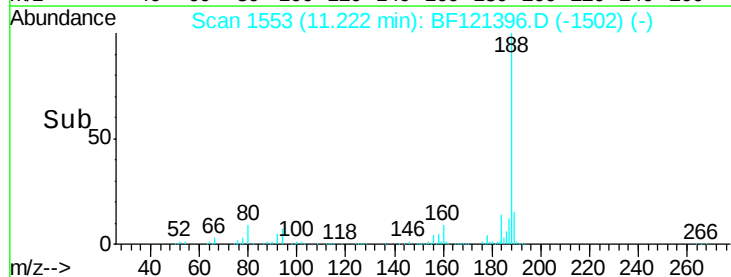
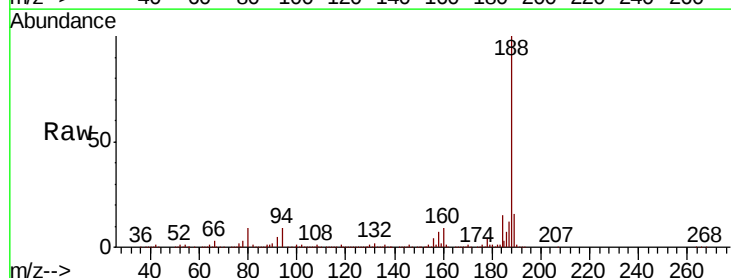
Manual Integrations
APPROVED

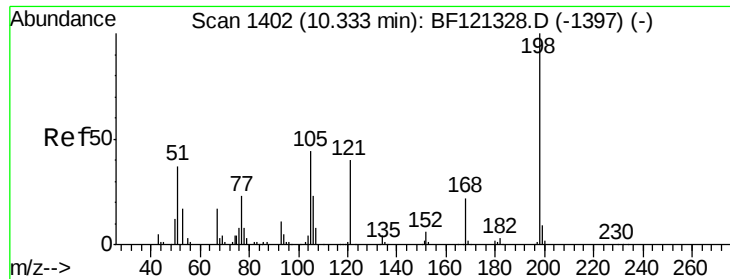
mohammad
8/25/2020 4:18:59 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.1	7.1	10.7





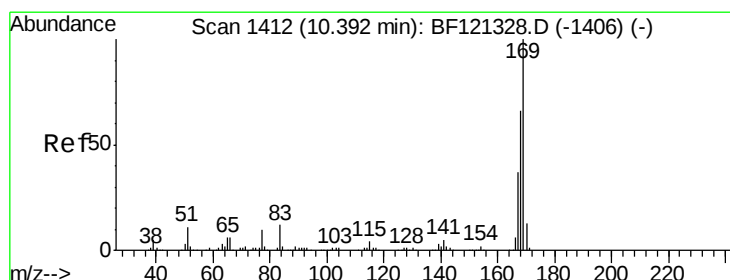
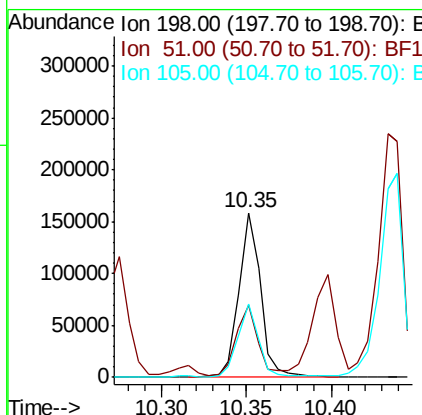
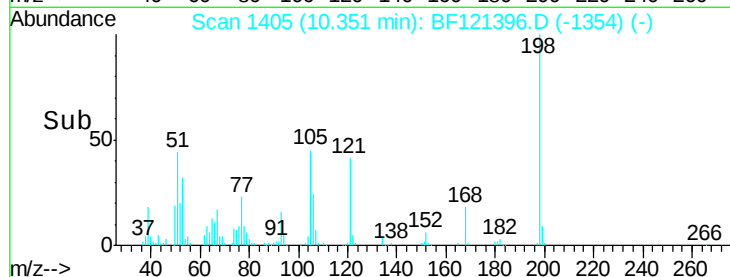
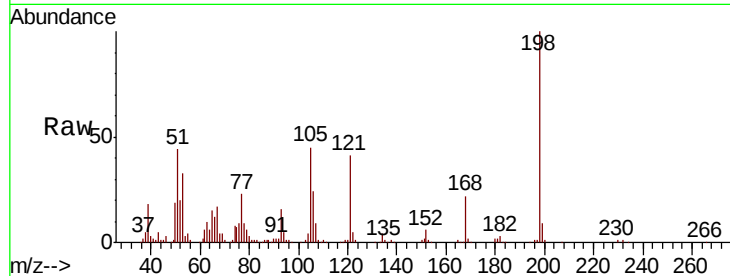
#65
4,6-Dinitro-2-methylphenol
Concen: 40.013 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	143236		
51	43.5		23.9	63.9
105	44.7		24.8	64.8

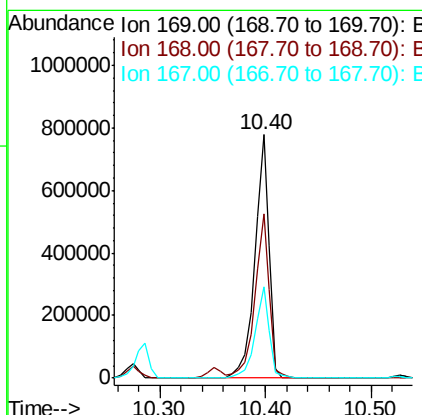
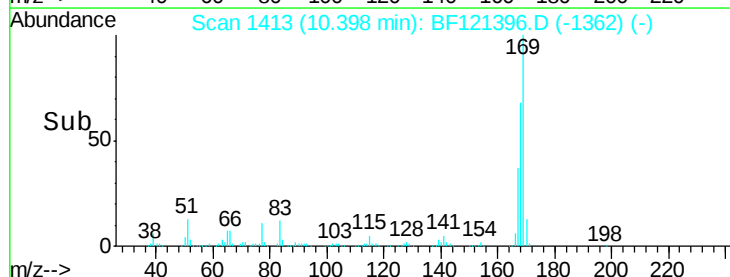
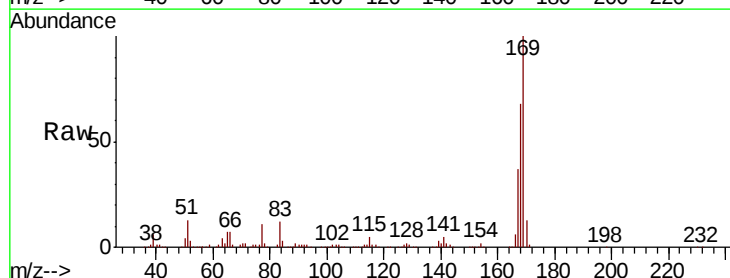
Manual Integrations
APPROVED

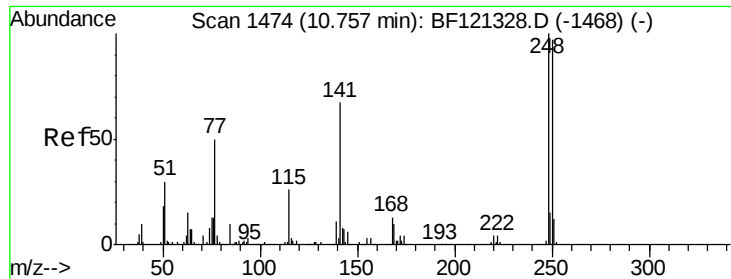
mohammad
8/25/2020 4:18:59 PM



#66
n-Nitrosodiphenylamine
Concen: 35.918 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	741612		
168	67.6		53.9	80.9
167	37.4		29.9	44.9





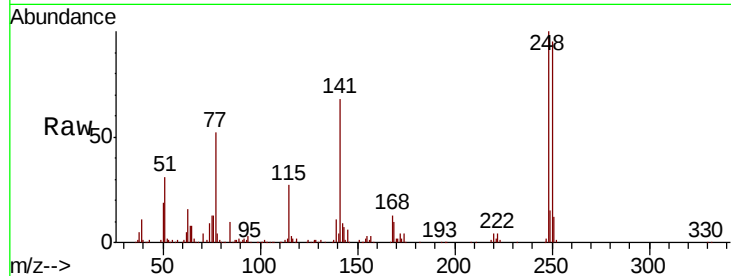
#67
4-Bromophenyl-phenylether
Concen: 34.959 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.0	115.6
141	68.0	57.4	86.2

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM

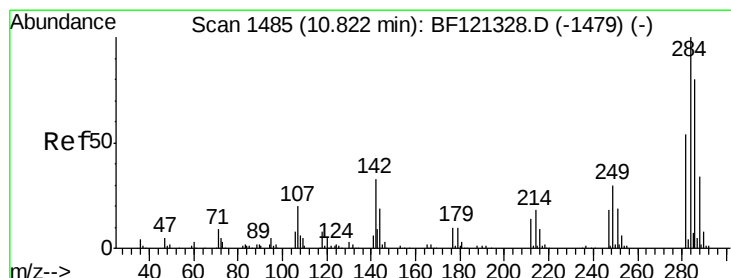
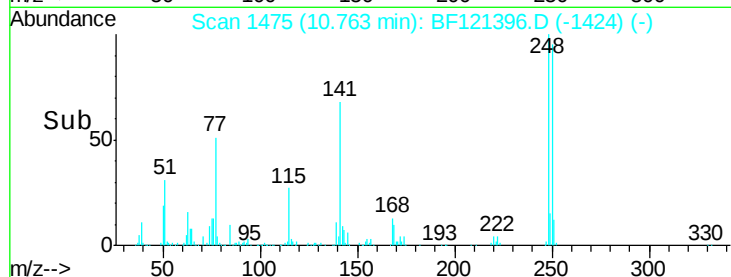
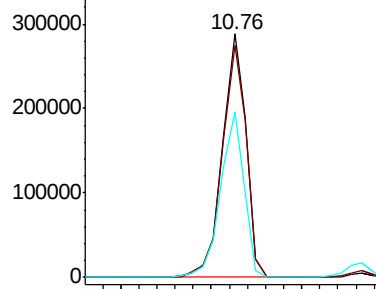


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.645 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

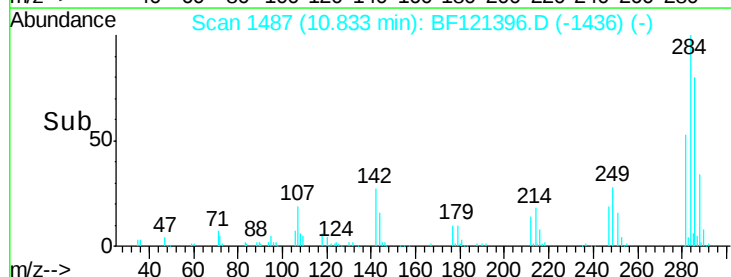
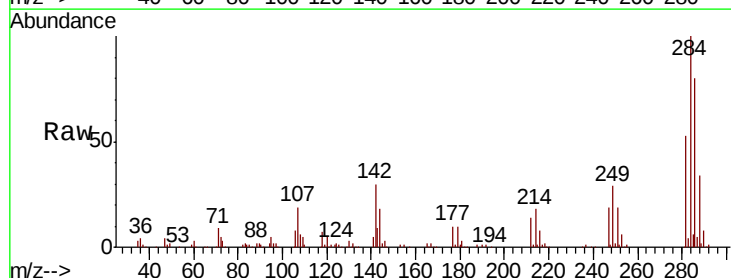
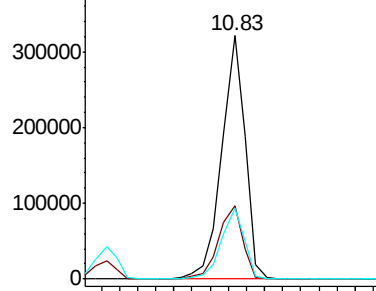
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.5	39.7
249	29.2	23.7	35.5

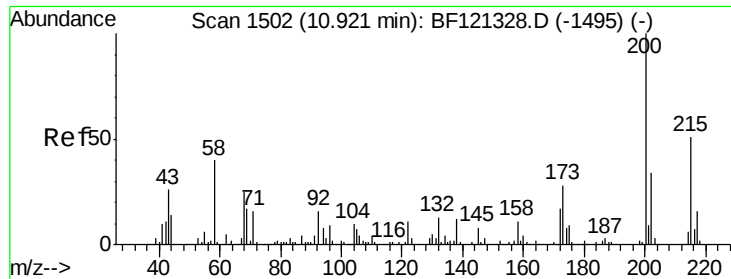
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





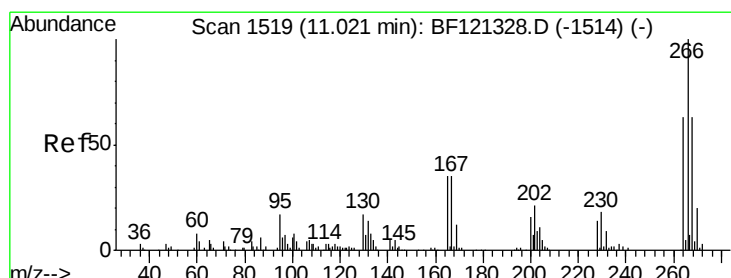
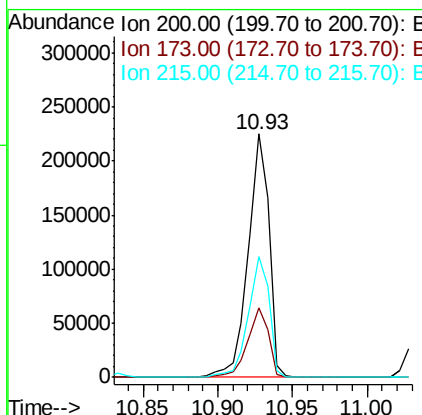
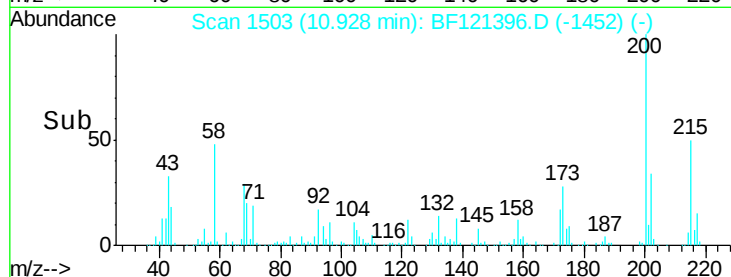
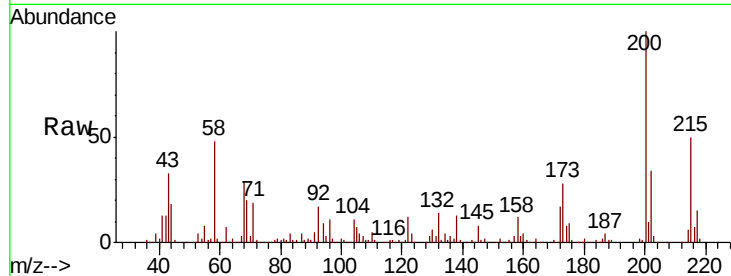
#69
Atrazine
Concen: 33.961 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.5	8.5	48.5
215	49.8	30.3	70.3

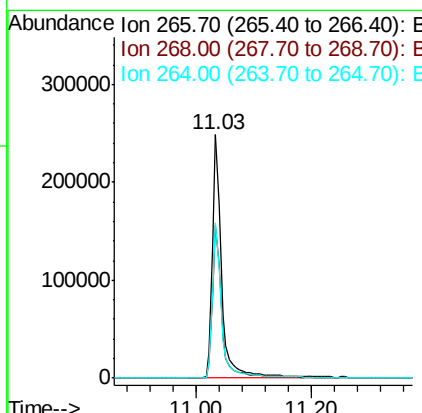
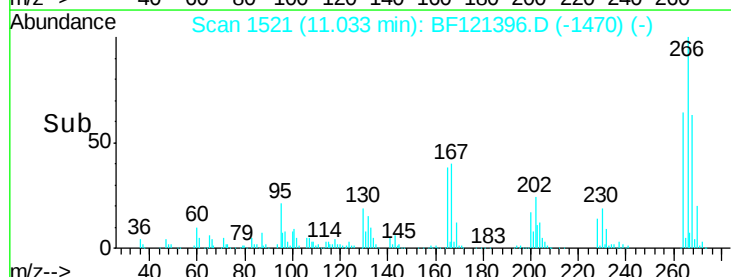
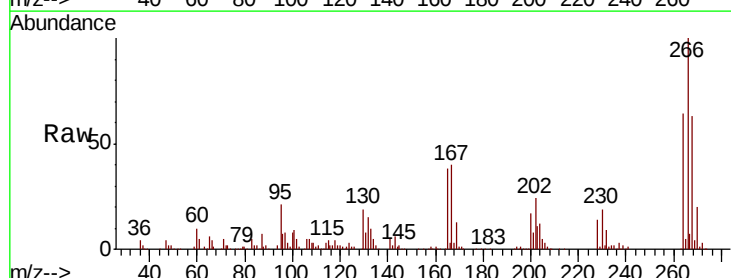
Manual Integrations
APPROVED

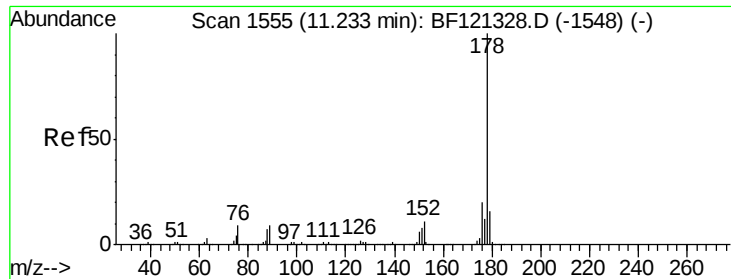
mohammad
8/25/2020 4:18:59 PM



#70
Pentachlorophenol
Concen: 76.196 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	50.3	75.5
264	63.8	50.3	75.5





#71

Phenanthrene

Concen: 33.044 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:178 Resp: 1144744

Ion Ratio Lower Upper

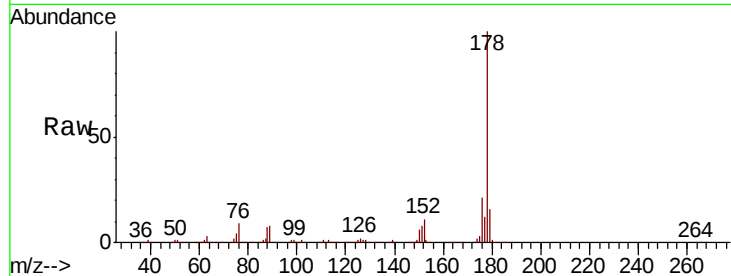
178 100

176 20.6 16.2 24.4

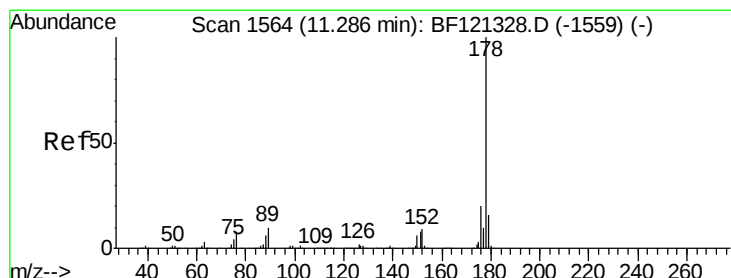
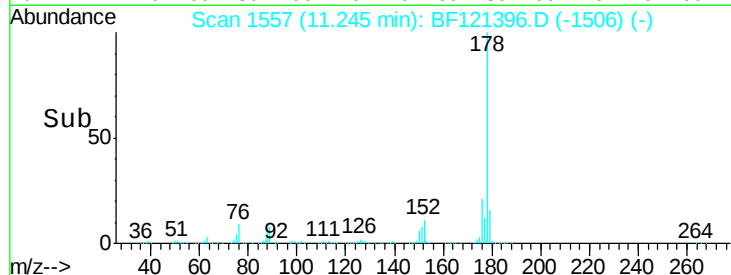
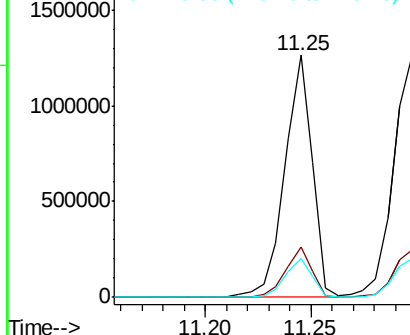
179 16.0 12.7 19.1

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.687 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

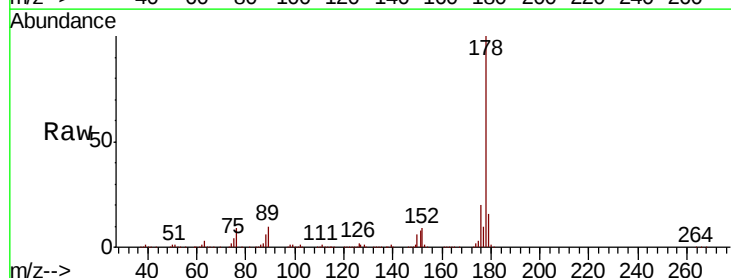
Tgt Ion:178 Resp: 1190532

Ion Ratio Lower Upper

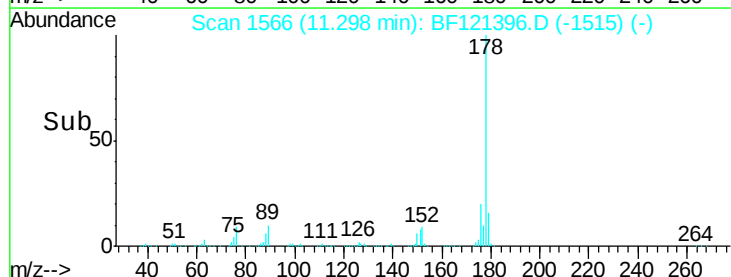
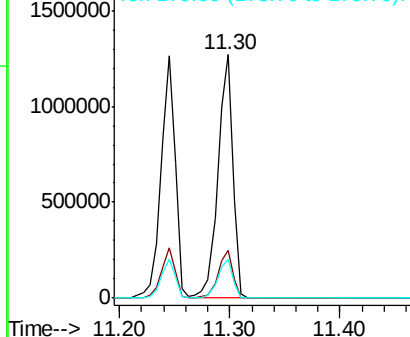
178 100

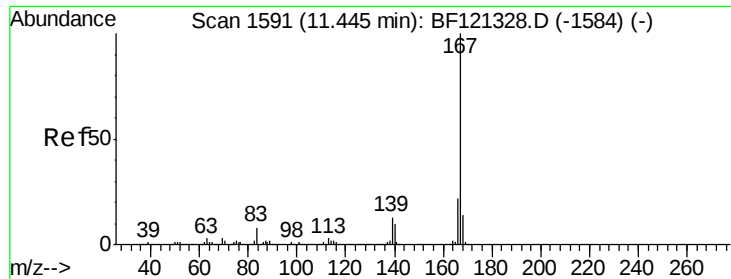
176 19.6 15.6 23.4

179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





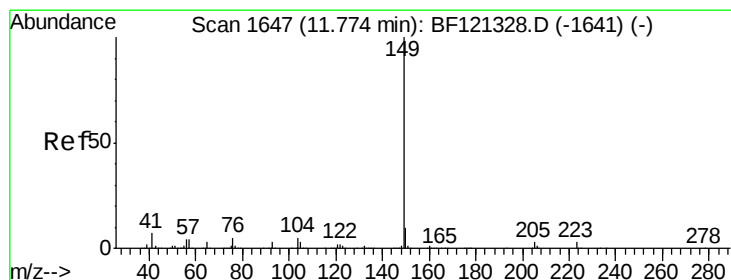
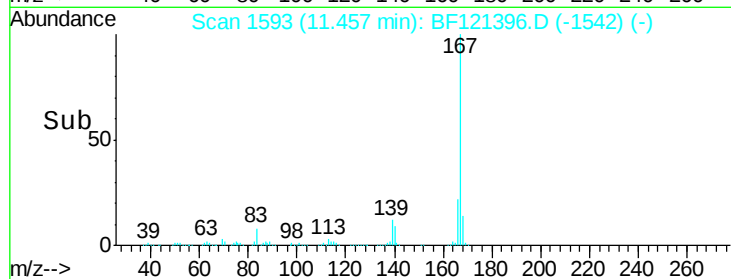
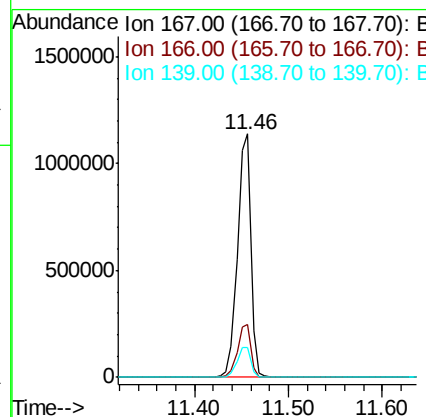
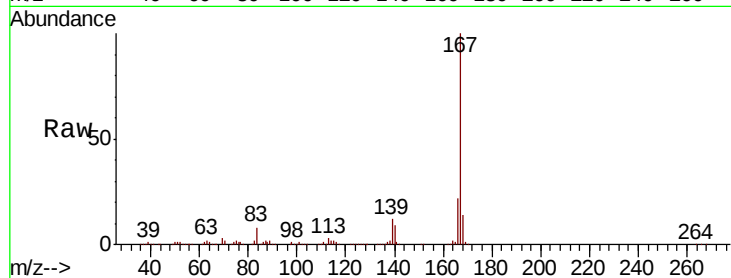
#73
 Carbazole
 Concen: 35.549 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	12.5	9.8	14.8

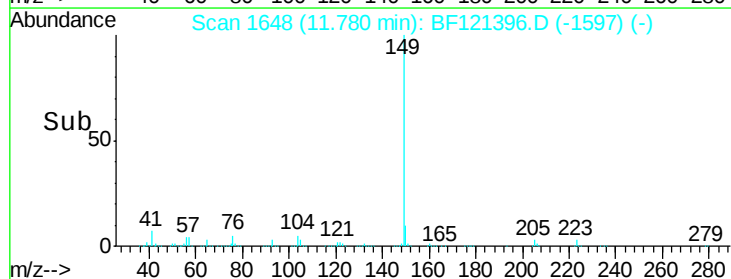
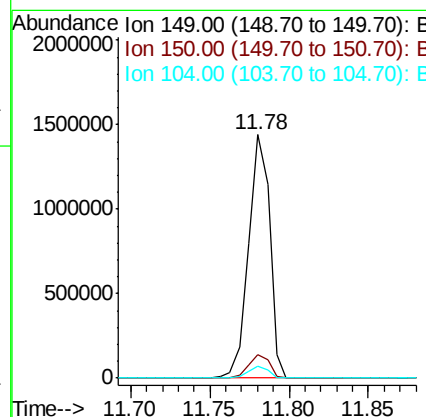
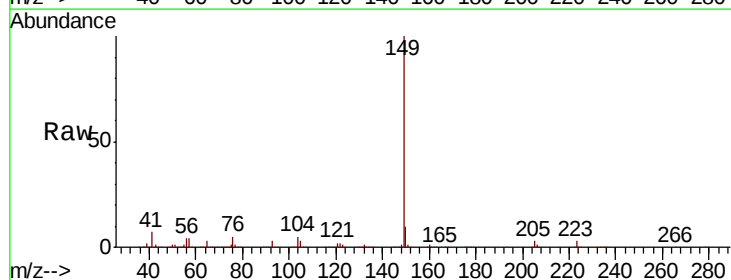
Manual Integrations
 APPROVED

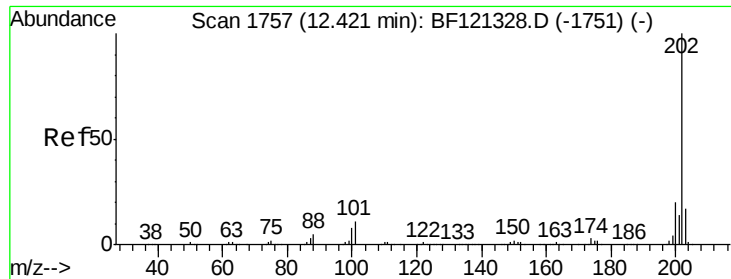
mohammad
 8/25/2020 4:18:59 PM



#74
 Di-n-butylphthalate
 Concen: 34.758 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.9	3.9	5.9





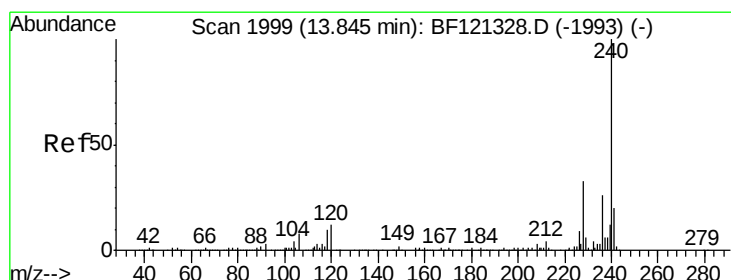
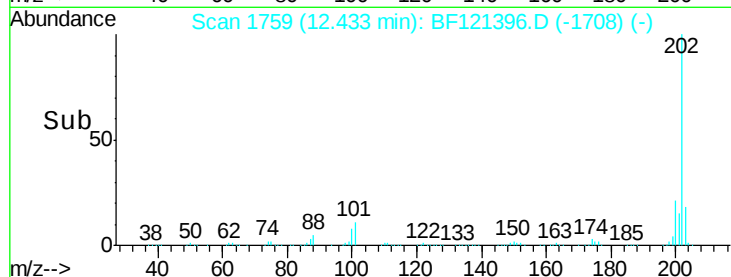
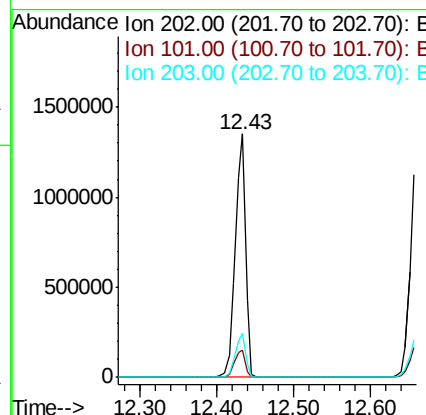
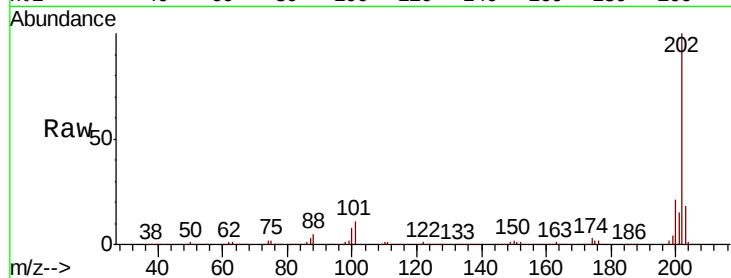
#75
Fluoranthene
Concen: 33.869 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.0
203	17.8	0.0	38.0

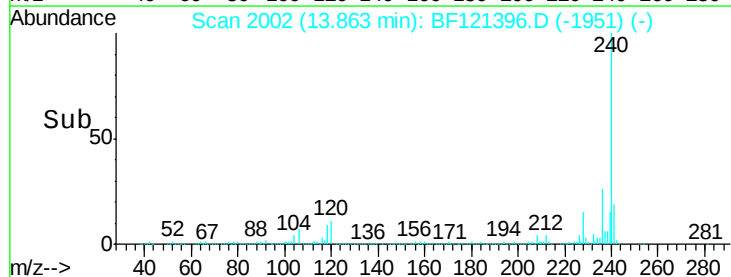
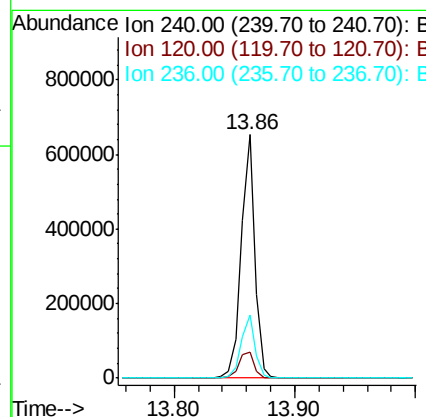
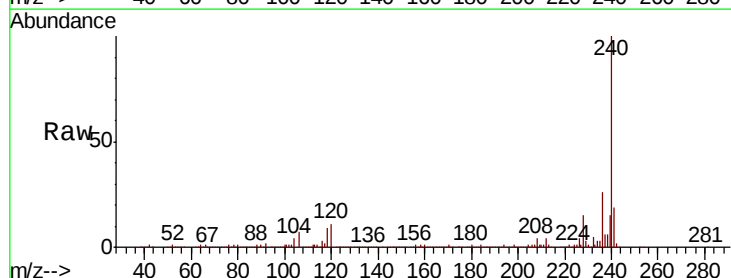
Manual Integrations
APPROVED

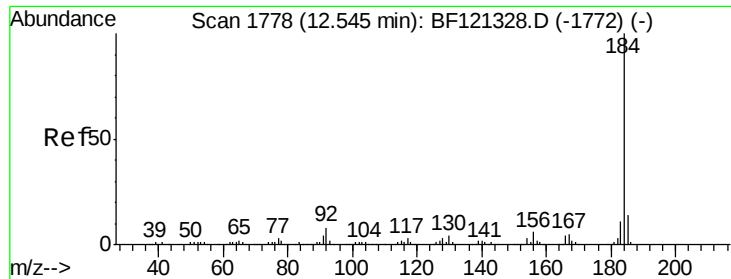
mohammad
8/25/2020 4:18:59 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.7	13.1
236	26.0	21.0	31.4





#77

Benzidine

Concen: 54.072 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

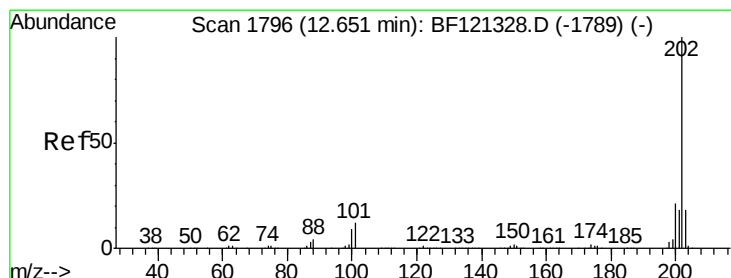
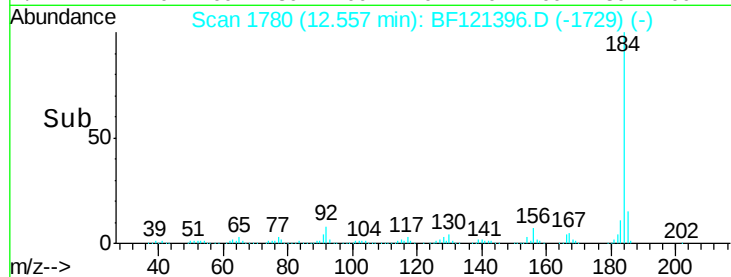
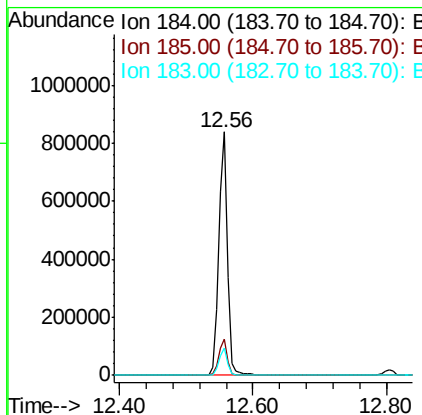
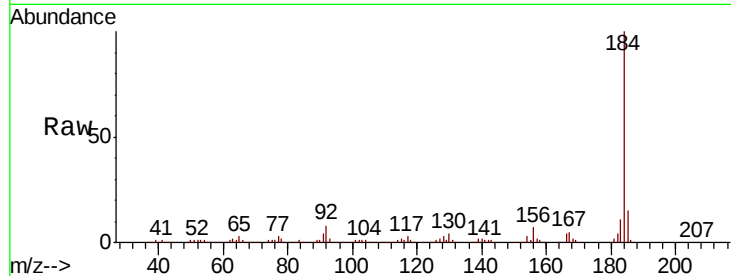
ClientSampleId :

PB131130BS

Tot Ion:	184	Resp:	768541
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.3	16.9
183	11.1	9.0	13.4

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#78

Pyrene

Concen: 33.544 ng

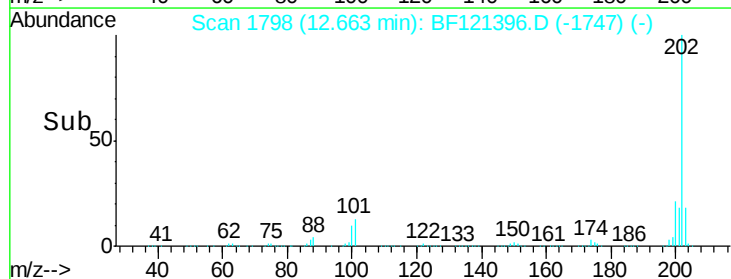
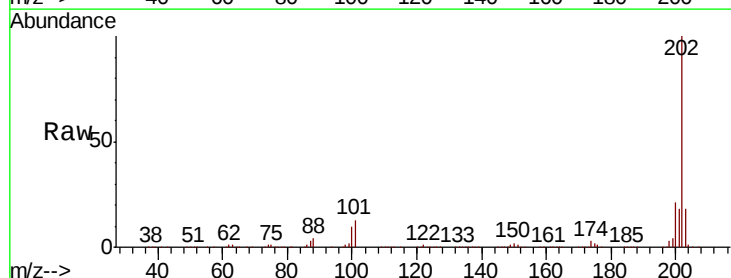
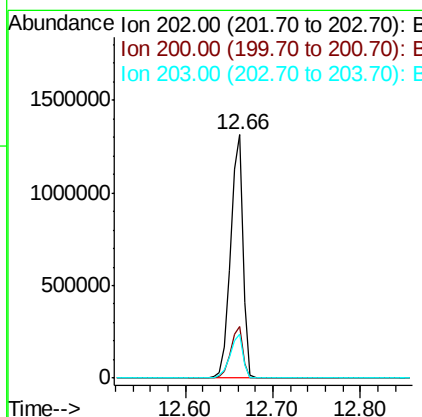
RT: 12.66 min Scan# 1798

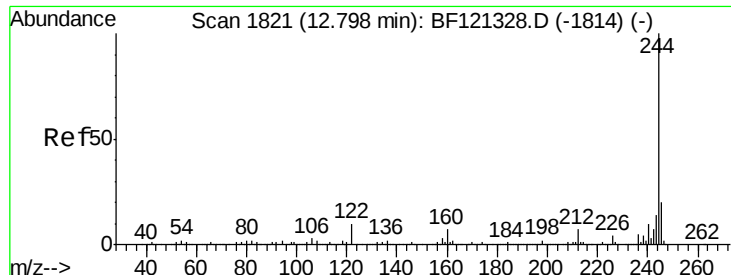
Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Tgt Ion:	202	Resp:	1299907
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.6	25.0
203	18.2	14.1	21.1





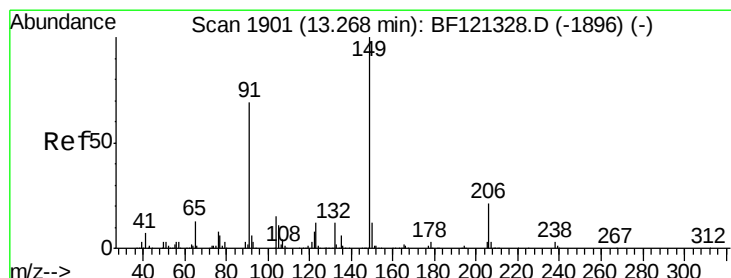
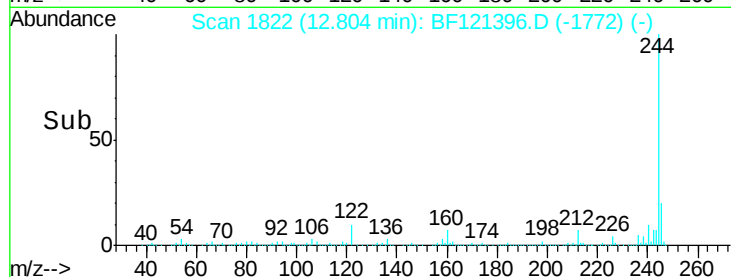
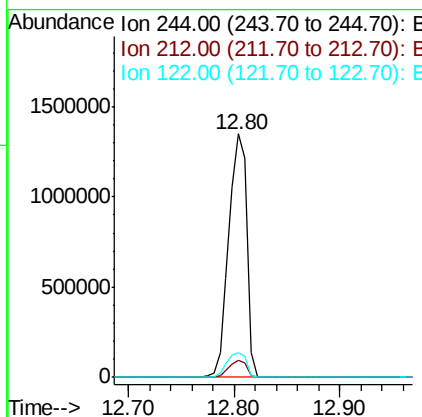
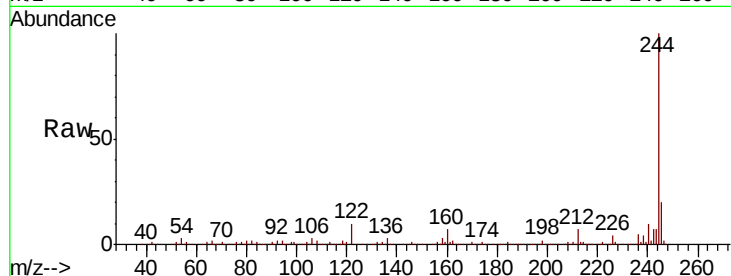
#79
 Terphenyl-d14
 Concen: 60.092 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.4	7.7	11.5

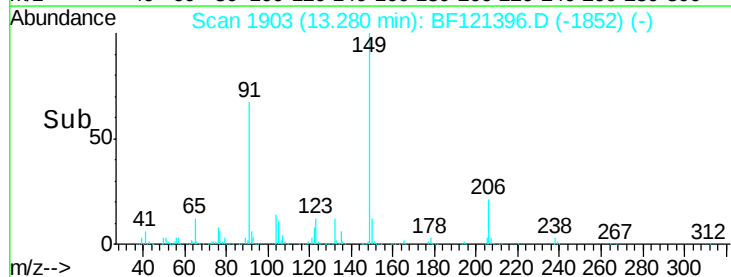
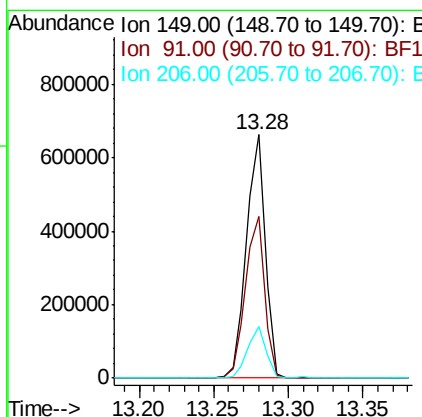
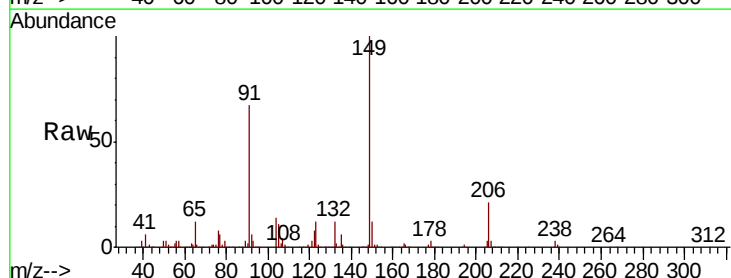
Manual Integrations
 APPROVED

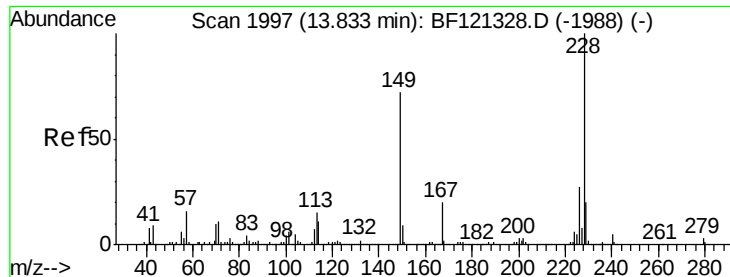
mohammad
 8/25/2020 4:18:59 PM



#80
 Butylbenzylphthalate
 Concen: 34.963 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.6	52.2	78.4
206	21.2	17.8	26.6





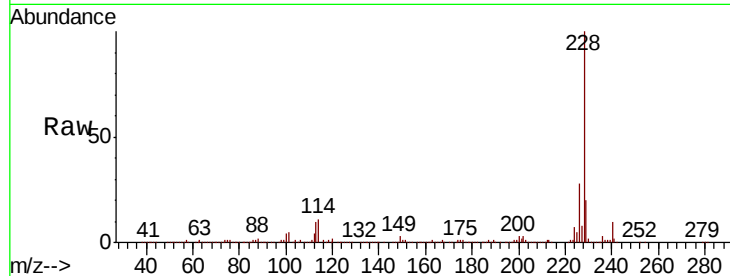
#81
Benzo(a)anthracene
Concen: 34.293 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.0	16.1	24.1

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM

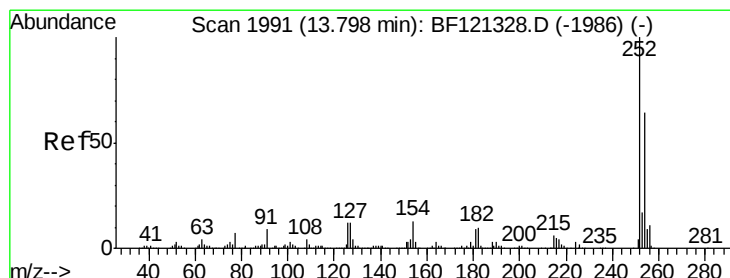
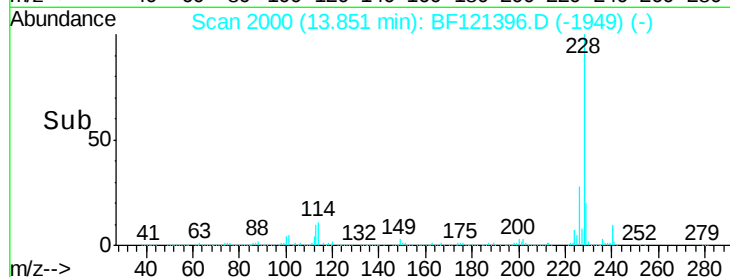
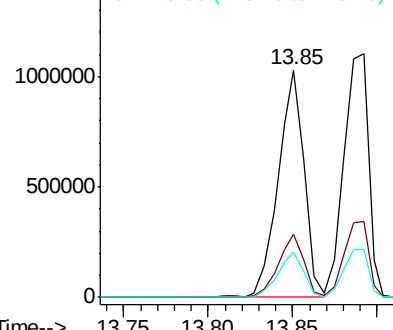


Abundance

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: 27.827 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

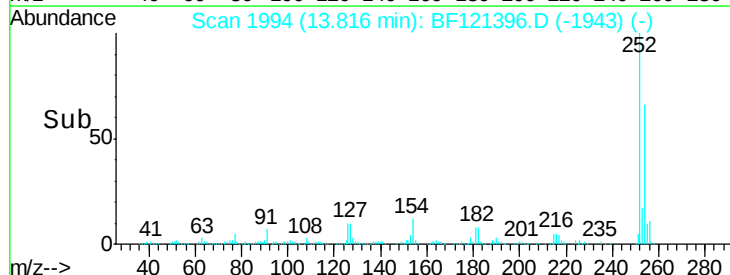
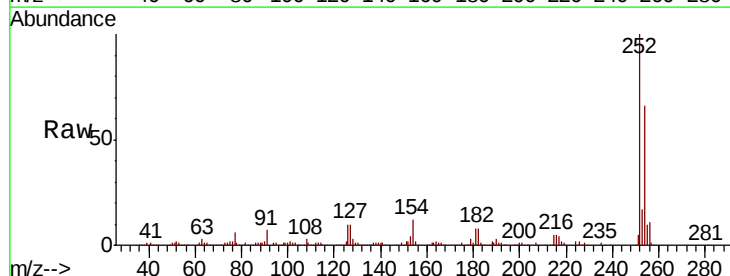
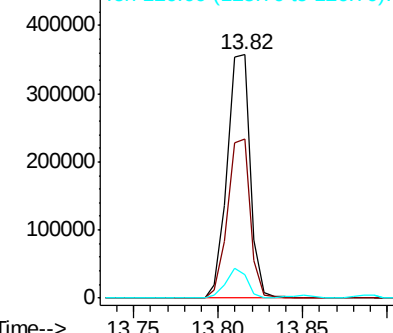
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	9.6	8.2	12.4

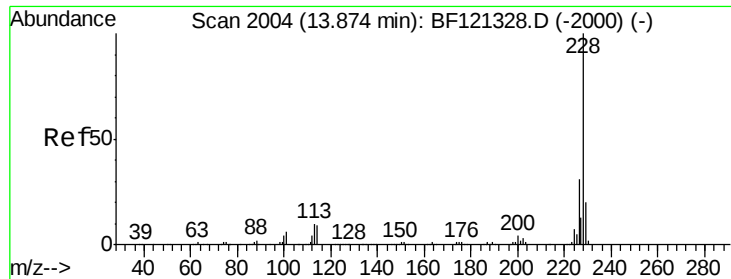
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.131 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:228 Resp: 1118543

Ion Ratio Lower Upper

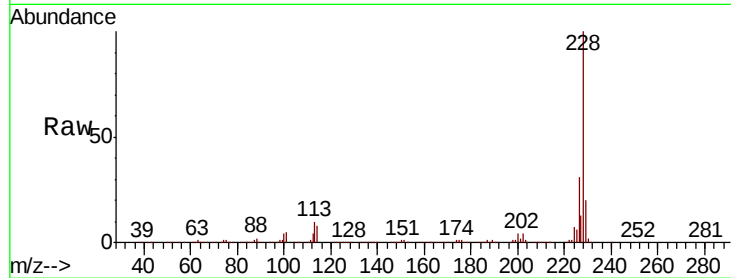
228 100

226 31.3 25.0 37.6

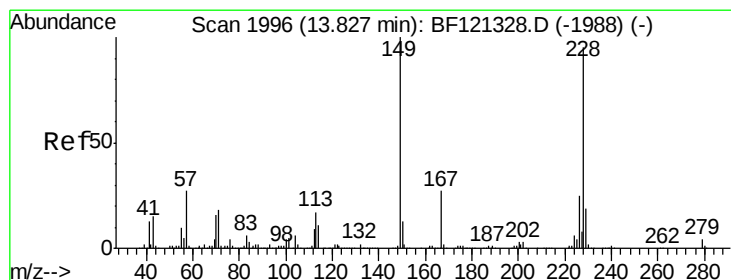
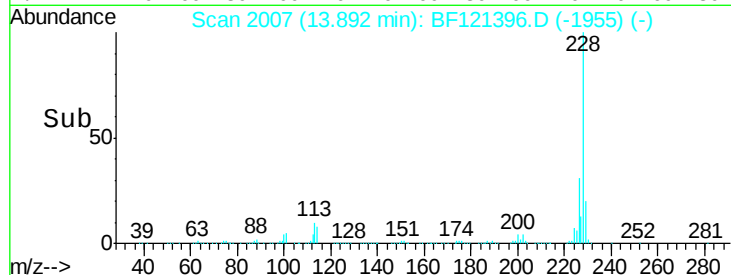
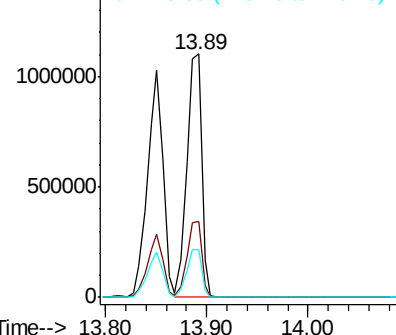
229 19.5 16.5 24.7

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.871 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

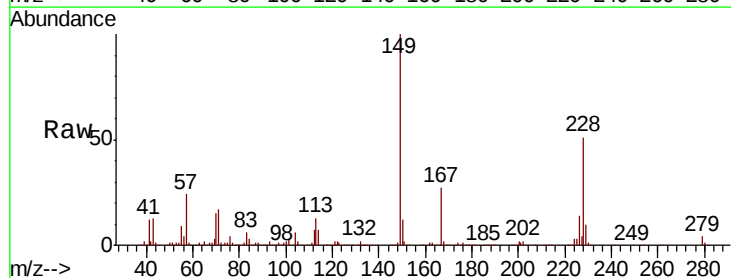
Tgt Ion:149 Resp: 741605

Ion Ratio Lower Upper

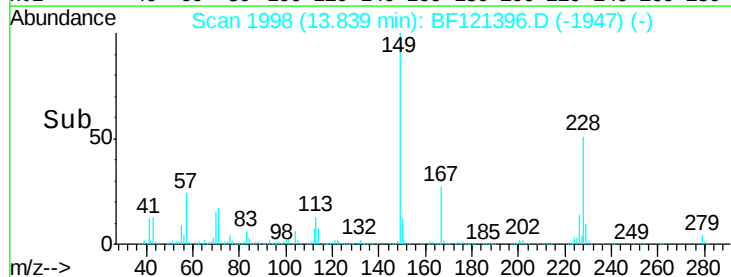
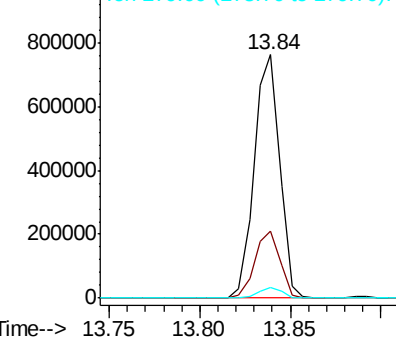
149 100

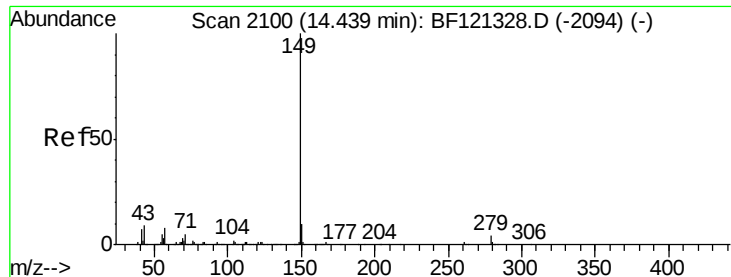
167 27.4 21.8 32.8

279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
1000000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.823 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

Instrument :

BNA_F

ClientSampleId :

PB131130BS

Tot Ion:149 Resp: 1370684

Ion Ratio Lower Upper

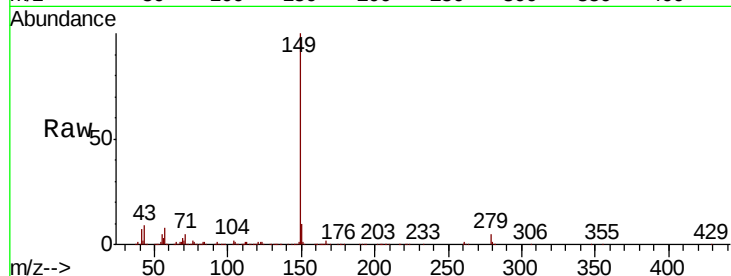
149 100

167 1.6 1.3 1.9

43 9.1 7.4 11.0

Manual Integrations
APPROVED

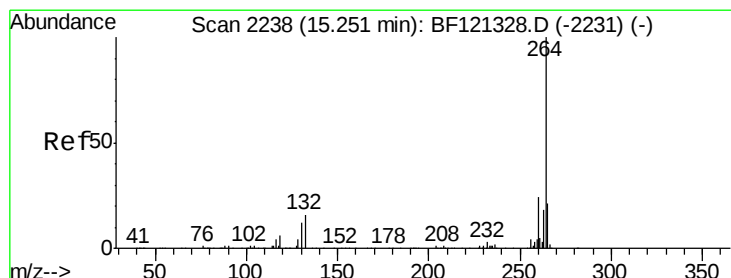
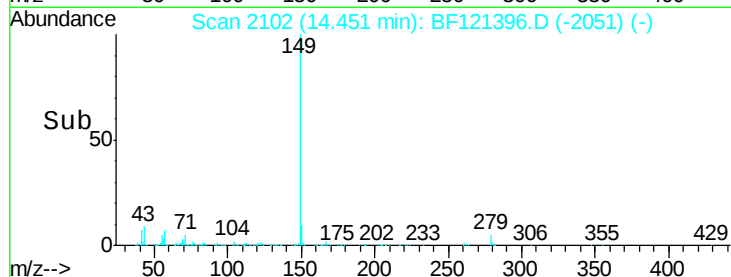
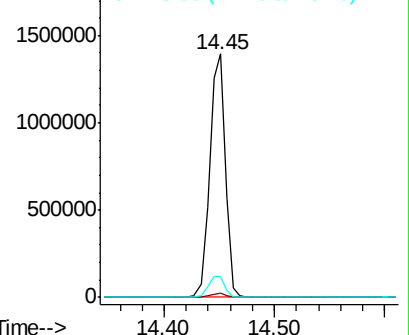
mohammad
8/25/2020 4:18:59 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF121396.D

Acq: 24 Aug 2020 13:08

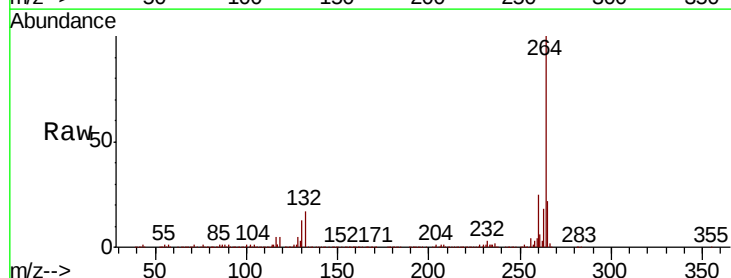
Tgt Ion:264 Resp: 556602

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

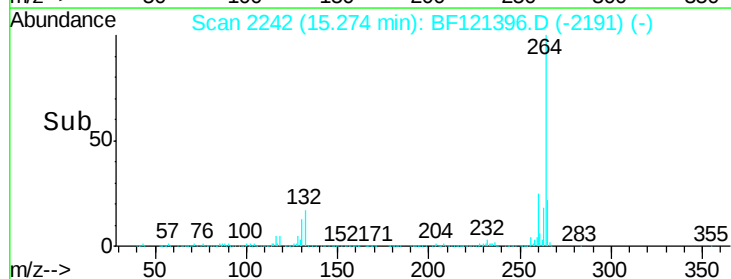
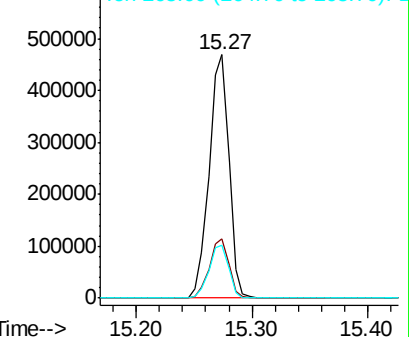
265 21.9 17.3 25.9

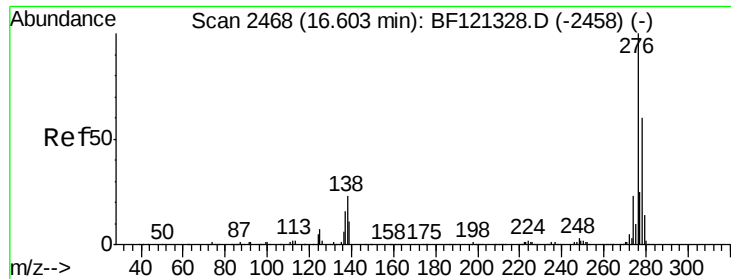


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





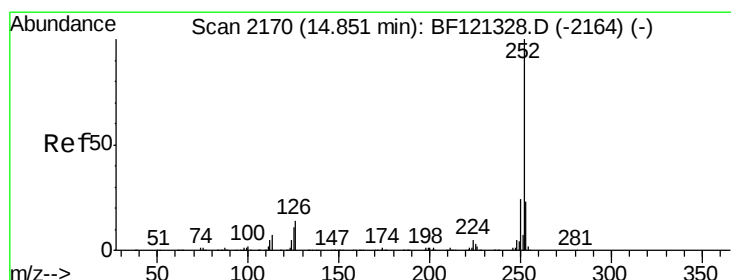
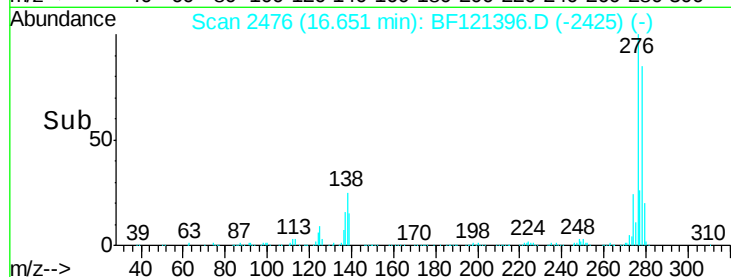
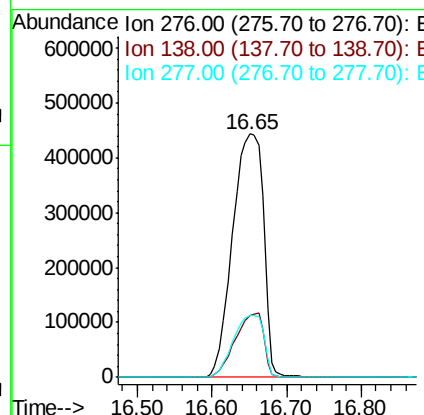
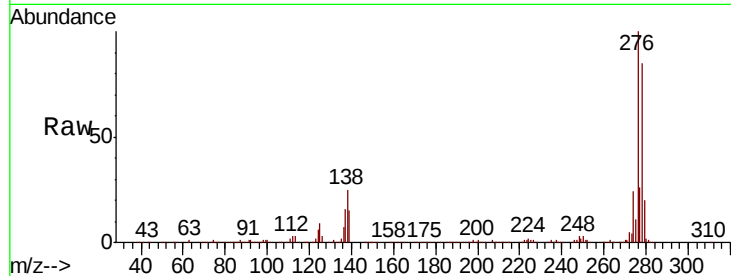
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.591 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131130BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	25.3	20.2	30.4

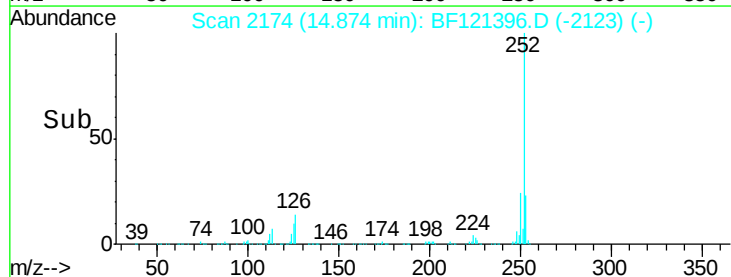
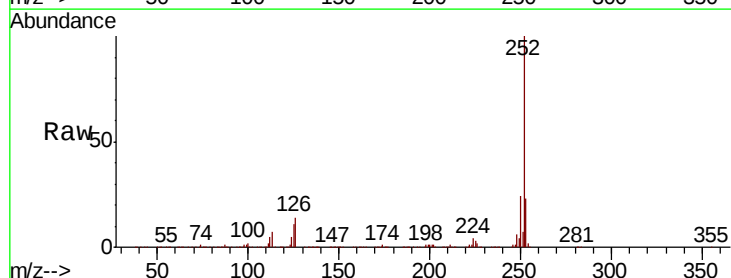
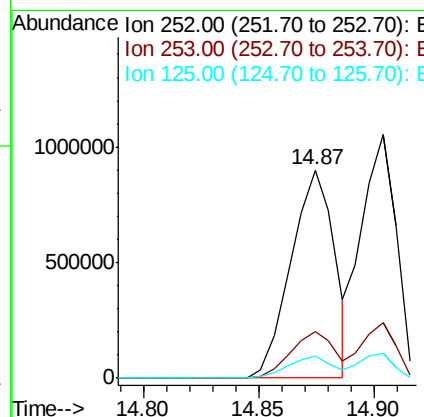
Manual Integrations
 APPROVED

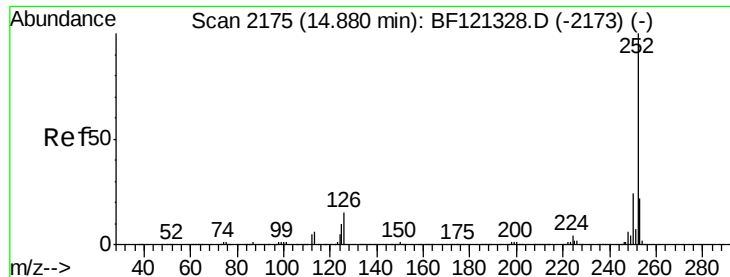
mohammad
 8/25/2020 4:18:59 PM



#88
 Benzo(b)fluoranthene
 Concen: 32.825 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121396.D
 Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.5	8.3	12.5





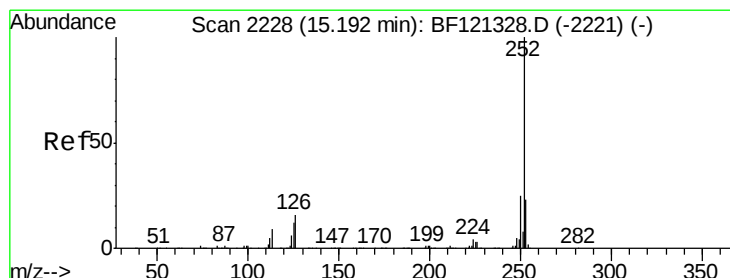
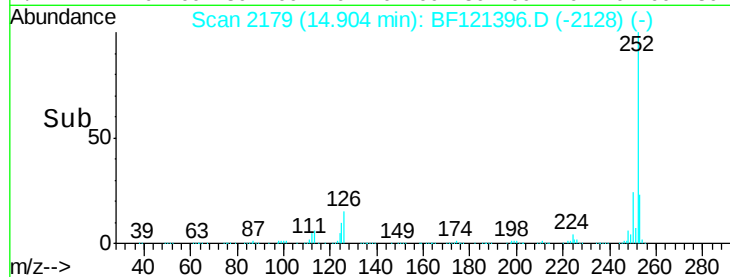
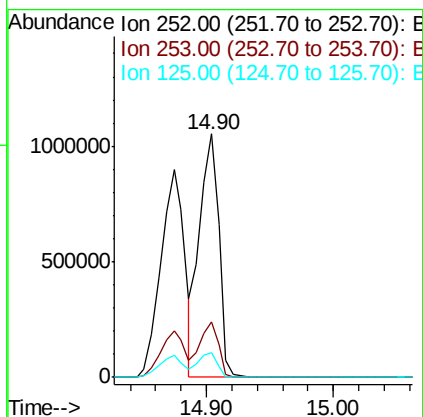
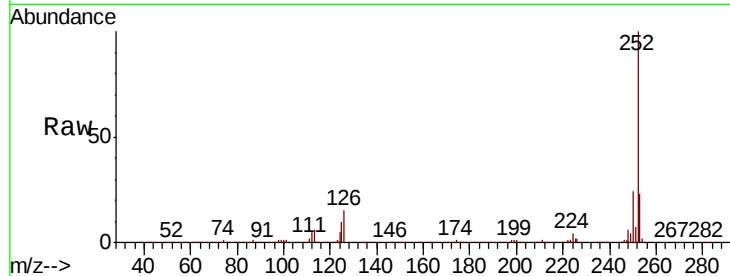
#89
Benzo(k)fluoranthene
Concen: 35.050 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.3	8.4	12.6

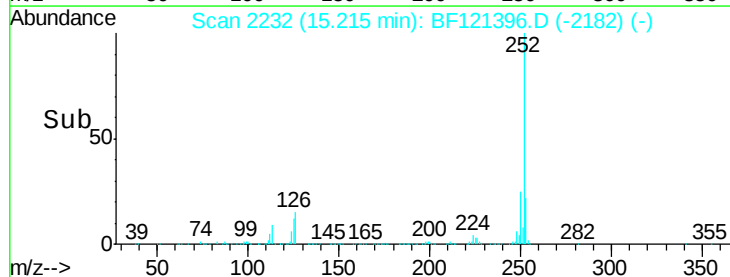
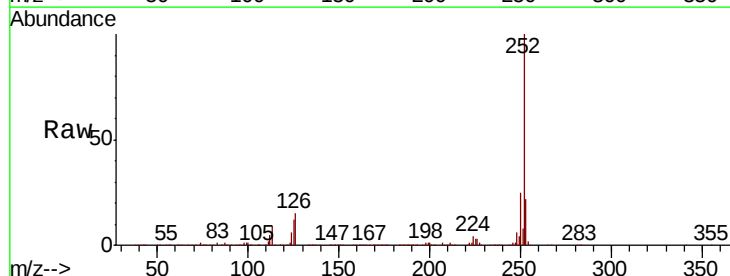
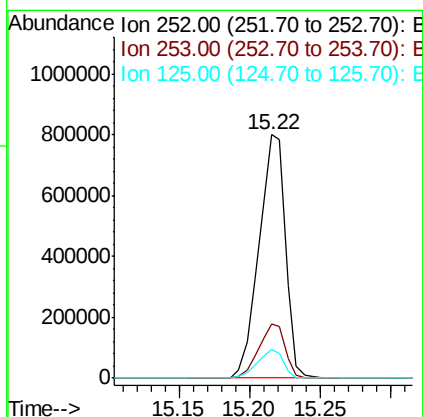
Manual Integrations
APPROVED

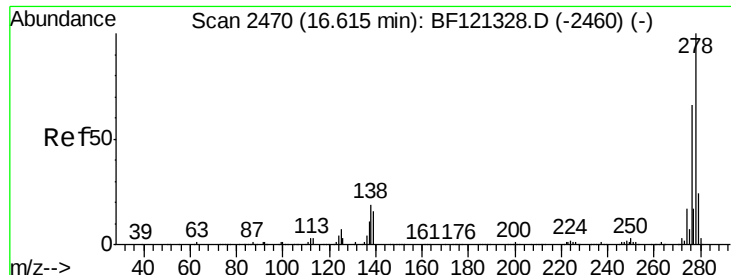
mohammad
8/25/2020 4:18:59 PM



#90
Benzo(a)pyrene
Concen: 34.167 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	12.0	8.5	12.7





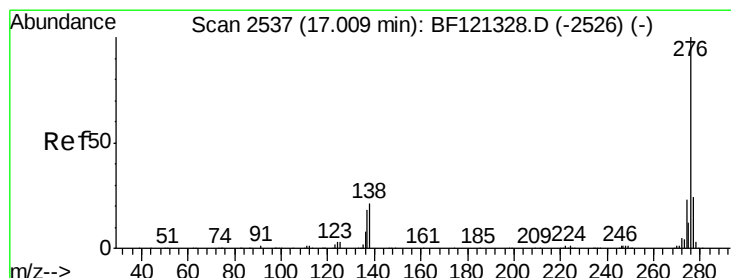
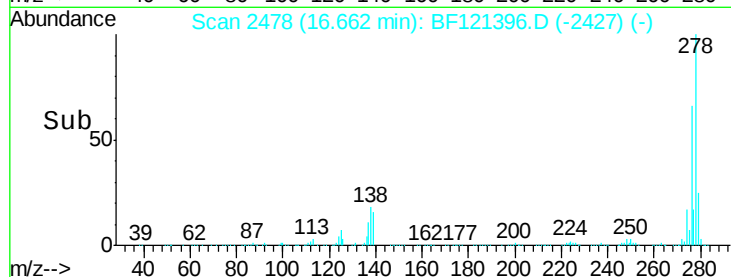
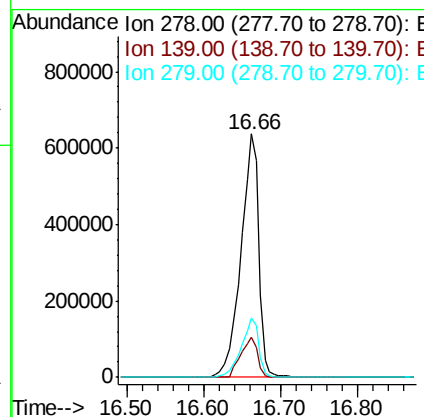
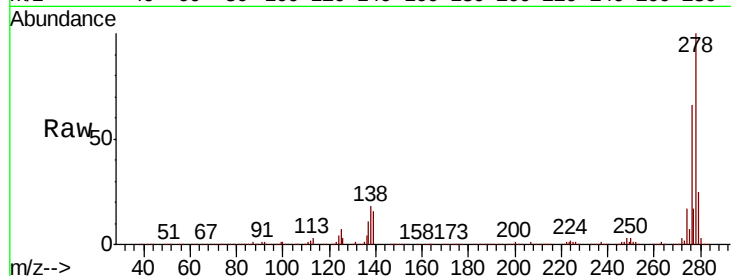
#91
Dibenzo(a,h)anthracene
Concen: 37.129 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Instrument :
BNA_F
ClientSampleId :
PB131130BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.6
279	24.5	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:59 PM



#92
Benzo(g,h,i)perylene
Concen: 40.061 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF121396.D
Acq: 24 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	21.9	17.3	25.9

