

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121669.D
 Acq On : 23 Sep 2020 16:00
 Operator : JU/CG
 Sample : PB131842BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:33 AM

Quant Time: Sep 23 16:30:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150326	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	568737	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	288775	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	524989	20.00	ng	0.00
76) Chrysene-d12	13.98	240	427038	20.00	ng	0.00
86) Perylene-d12	15.43	264	391704	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1201678	118.80	ng	0.02
7) Phenol-d6	6.46	99	1540728	116.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	1054330	99.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	474633	132.24	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1754136	92.00	ng	0.00
79) Terphenyl-d14	12.92	244	1834872	87.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	171245	36.850	ng	99
3) Pyridine	3.39	79	522448	40.667	ng	98
4) n-Nitrosodimethylamine	3.36	42	266277	44.684	ng	99
6) Aniline	6.47	93	602150	34.839	ng	# 81
8) 2-Chlorophenol	6.60	128	495089	48.072	ng	98
9) Benzaldehyde	6.36	77	174728	20.141	ng	98
10) Phenol	6.47	94	590976	41.819	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	482243	45.277	ng	99
12) 1,3-Dichlorobenzene	6.75	146	515170	44.816	ng	97
13) 1,4-Dichlorobenzene	6.83	146	519471	45.006	ng	98
14) 1,2-Dichlorobenzene	6.98	146	498556	46.888	ng	100
15) Benzyl Alcohol	6.96	79	430709	47.751	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	721764	42.112	ng	96
17) 2-Methylphenol	7.07	107	399706	45.614	ng	98
18) Hexachloroethane	7.32	117	191618	46.365	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	333397	43.591	ng	99
20) 3+4-Methylphenols	7.23	107	468175	44.468	ng	90
22) Acetophenone	7.22	105	638432	44.244	ng	# 99
24) Nitrobenzene	7.40	77	521638	45.532	ng	98
25) Isophorone	7.64	82	921056	43.195	ng	98
26) 2-Nitrophenol	7.71	139	251830	46.762	ng	95
27) 2,4-Dimethylphenol	7.75	122	418440	43.962	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	576575	43.678	ng	99
29) 2,4-Dichlorophenol	7.96	162	397430	45.844	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	415483	45.506	ng	99
31) Naphthalene	8.12	128	1346004	44.833	ng	100
32) Benzoic acid	7.90	122	243043	36.215	ng	97
33) 4-Chloroaniline	8.17	127	434632	33.397	ng	97
34) Hexachlorobutadiene	8.23	225	249333	46.525	ng	98
35) Caprolactam	8.55	113	133426m	46.217	ng	
36) 4-Chloro-3-methylphenol	8.66	107	429680	46.010	ng	96
37) 2-Methylnaphthalene	8.81	142	871374	44.288	ng	100
38) 1-Methylnaphthalene	8.91	142	805732	44.002	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	409133	45.356	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121669.D
 Acq On : 23 Sep 2020 16:00
 Operator : JU/CG
 Sample : PB131842BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB131842BS

Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:33 AM

Quant Time: Sep 23 16:30:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	417852	81.116	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	279162	45.404	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	298256	45.886	ng	95
46) 1,1'-Biphenyl	9.27	154	1028256	44.478	ng	100
47) 2-Chloronaphthalene	9.30	162	814755	44.723	ng	100
48) 2-Nitroaniline	9.40	65	280920	49.622	ng	96
49) Acenaphthylene	9.72	152	1256597	44.893	ng	100
50) Dimethylphthalate	9.58	163	955134	45.635	ng	99
51) 2,6-Dinitrotoluene	9.64	165	219474	49.238	ng	99
52) Acenaphthene	9.89	154	740880	41.906	ng	99
53) 3-Nitroaniline	9.81	138	179868	34.834	ng	99
54) 2,4-Dinitrophenol	9.92	184	220113	84.982	ng	98
55) Dibenzofuran	10.06	168	1097260	44.071	ng	100
56) 4-Nitrophenol	9.99	139	354011	85.967	ng	92
57) 2,4-Dinitrotoluene	10.05	165	291382	51.961	ng	94
58) Fluorene	10.40	166	857417	45.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	246073	46.568	ng	99
60) Diethylphthalate	10.28	149	919798	45.074	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	414104	45.403	ng	97
62) 4-Nitroaniline	10.43	138	242081	47.217	ng	96
63) Azobenzene	10.55	77	939169	43.218	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	155104	48.125	ng	93
66) n-Nitrosodiphenylamine	10.52	169	817726	45.401	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	280109	46.863	ng	95
68) Hexachlorobenzene	10.95	284	320335	47.489	ng	97
69) Atrazine	11.04	200	202490	45.252	ng	98
70) Pentachlorophenol	11.15	266	313762	84.697	ng	99
71) Phenanthrene	11.36	178	1302939	45.552	ng	99
72) Anthracene	11.42	178	1336667	45.284	ng	100
73) Carbazole	11.57	167	1232574	46.273	ng	100
74) Di-n-butylphthalate	11.90	149	1348298	43.857	ng	100
75) Fluoranthene	12.55	202	1407157	46.085	ng	100
77) Benzidine	12.67	184	745086	52.630	ng	100
78) Pyrene	12.78	202	1438920	46.118	ng	100
80) Butylbenzylphthalate	13.40	149	573619	45.458	ng	97
81) Benzo(a)anthracene	13.97	228	1260190	46.645	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	355585	33.713	ng	# 98
83) Chrysene	14.00	228	1256592	45.932	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	728525	43.217	ng	99
85) Di-n-octyl phthalate	14.57	149	1278758	42.984	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1191101	46.693	ng	100
88) Benzo(b)fluoranthene	15.01	252	1230254	46.982	ng	99
89) Benzo(k)fluoranthene	15.04	252	1220809	50.911	ng	98
90) Benzo(a)pyrene	15.37	252	1093262	49.116	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	974356	45.886	ng	99
92) Benzo(g,h,i)perylene	17.31	276	971116	46.525	ng	99

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

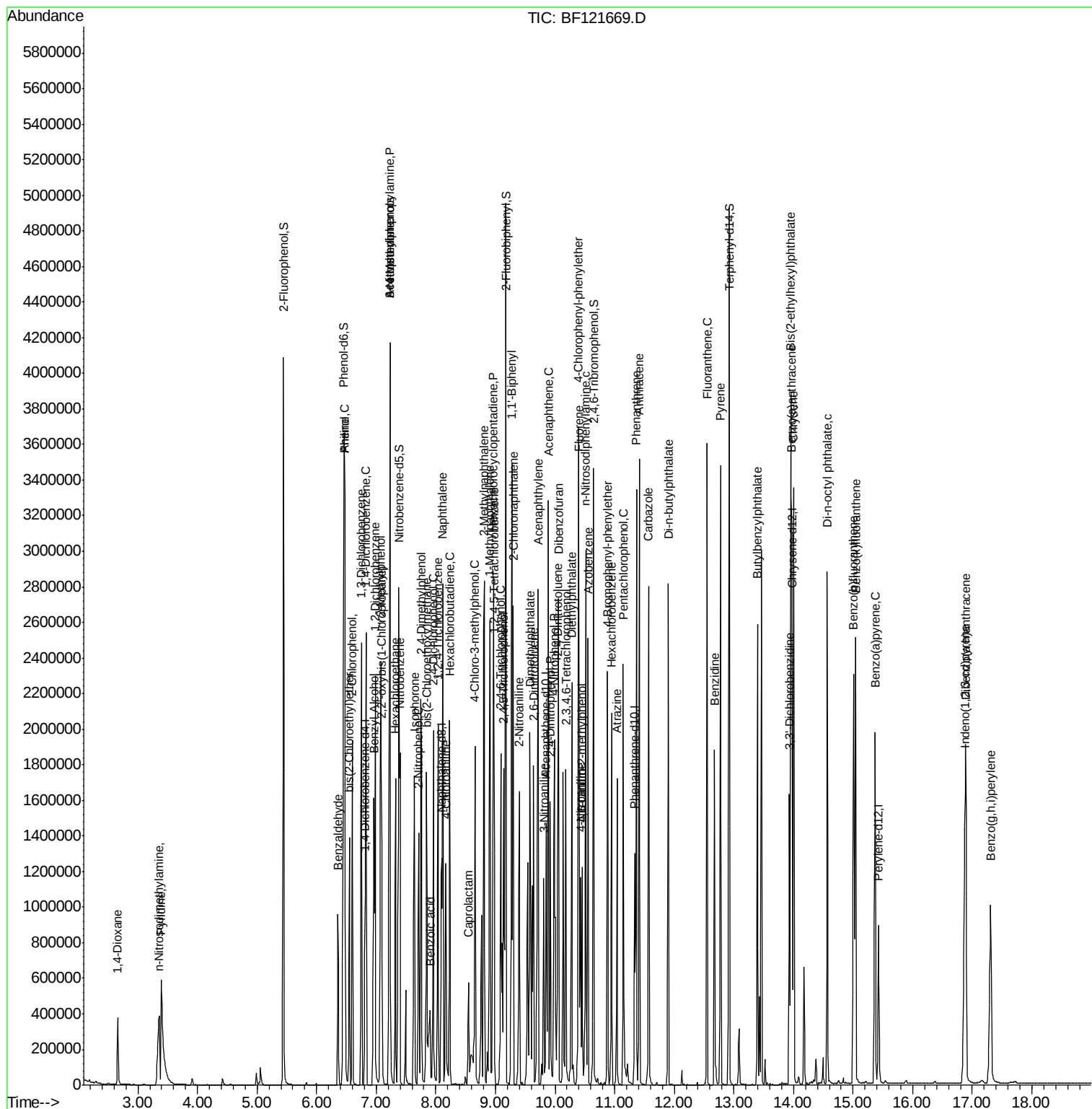
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121669.D
Acq On : 23 Sep 2020 16:00
Operator : JU/CG
Sample : PB131842BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Manual Integrations APPROVED

mohammad
9/24/2020 10:46:33 AM

Quant Time: Sep 23 16:30:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration





#1

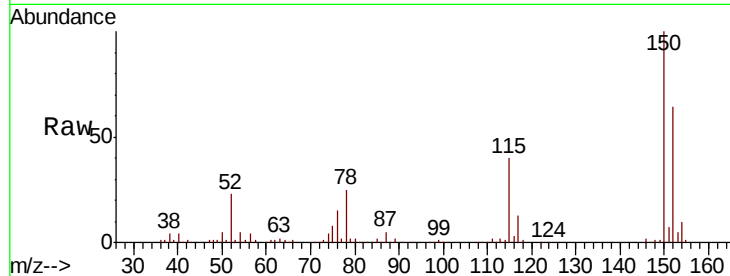
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

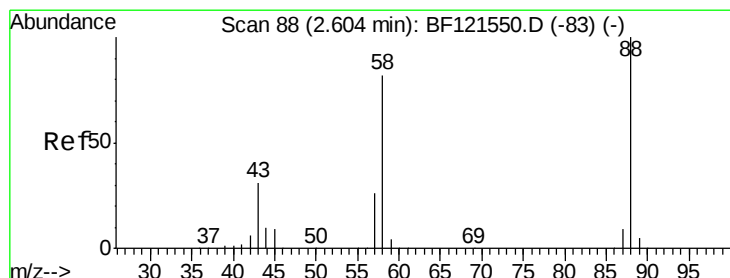
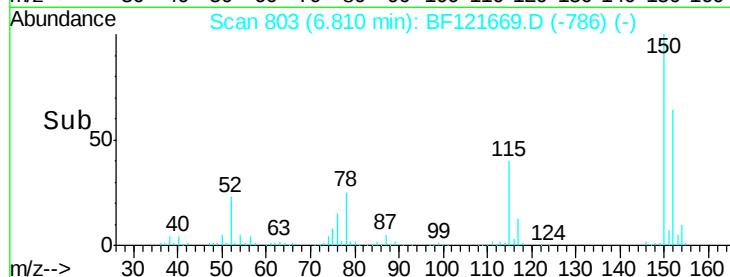
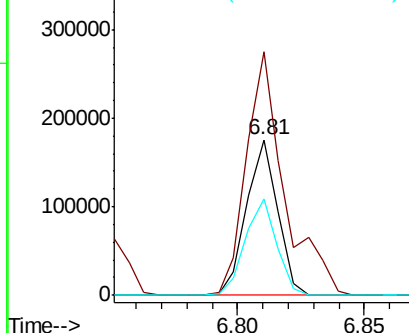
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.1	192.1
115	61.9	52.6	79.0

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



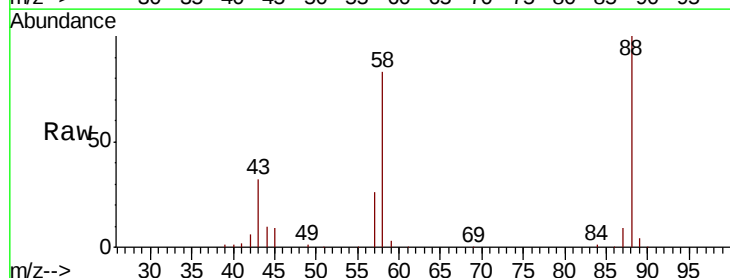
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



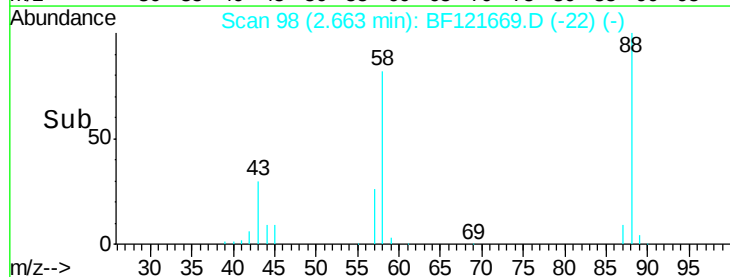
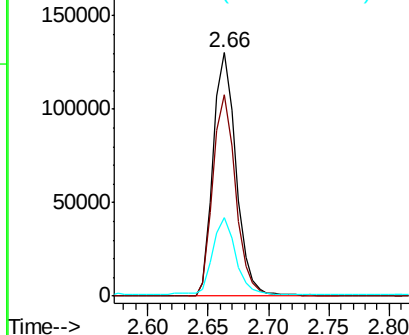
#2

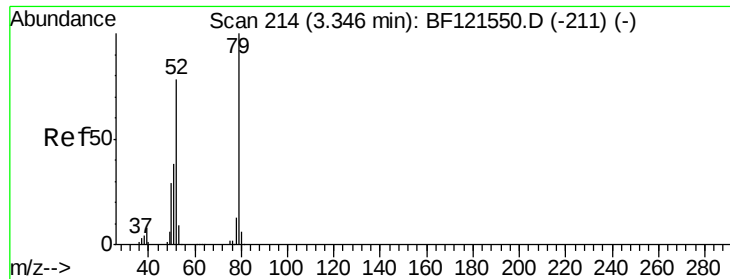
1,4-Dioxane
Concen: 36.850 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.15 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	65.4	98.0
43	31.8	24.9	37.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.667 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.14 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

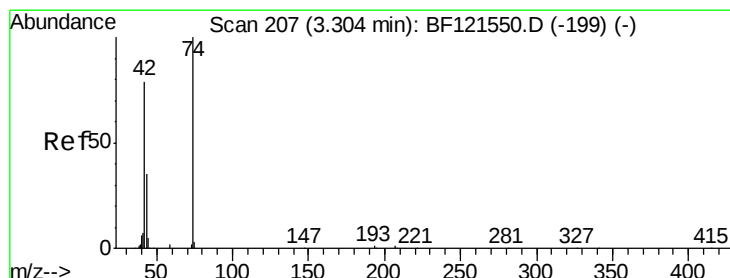
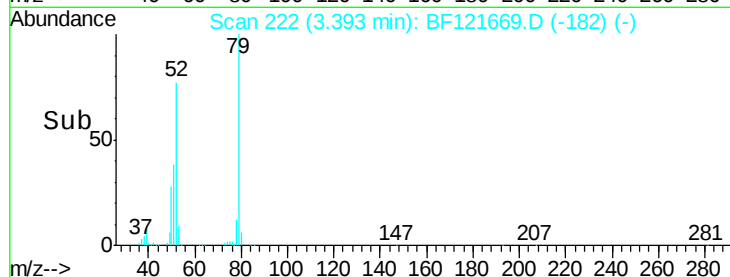
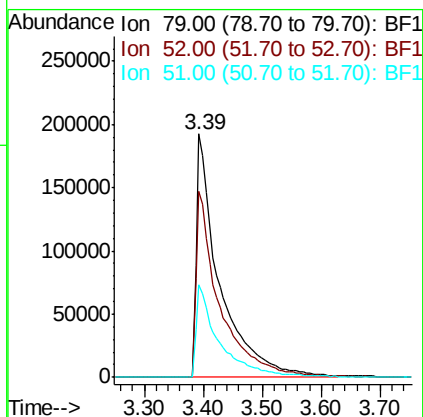
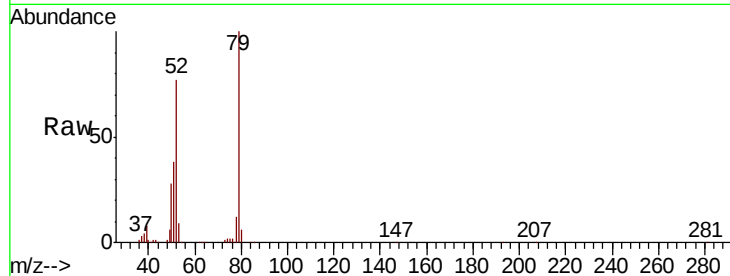
ClientSampleId :

PB131842BS

Tot Ion:	79	Resp:	522448
Ion Ratio	Lower	Upper	
79	100		
52	76.6	63.4	95.0
51	38.2	30.7	46.1

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#4

n-Nitrosodimethylamine

Concen: 44.684 ng

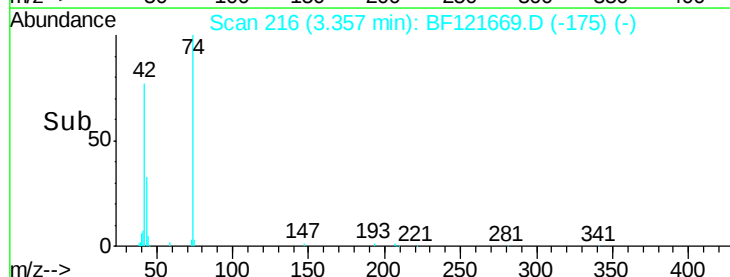
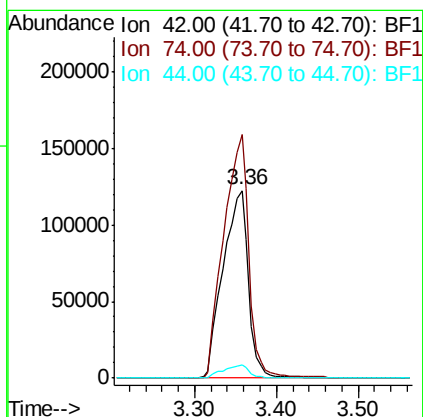
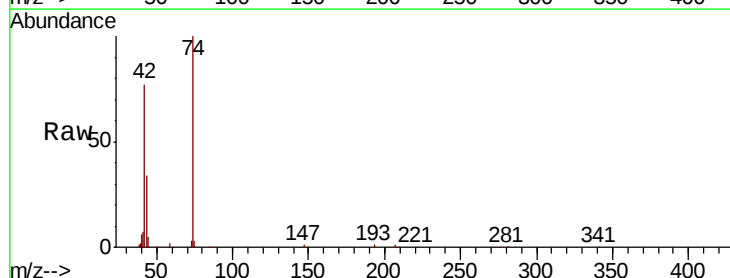
RT: 3.36 min Scan# 216

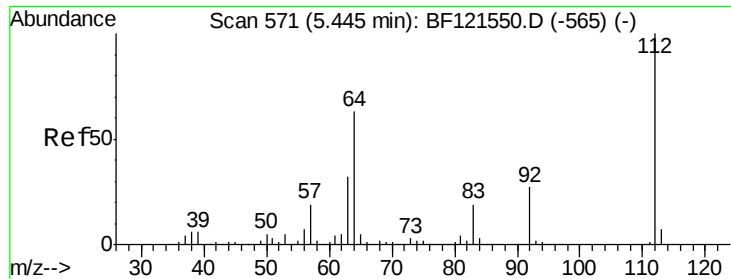
Delta R.T. 0.14 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:	42	Resp:	266277
Ion Ratio	Lower	Upper	
42	100		
74	130.0	102.6	154.0
44	6.8	6.0	9.0





#5

2-Fluorophenol

Concen: 118.798 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion: 112 Resp: 1201678

Ion Ratio Lower Upper

112 100

64 64.2 52.2 78.2

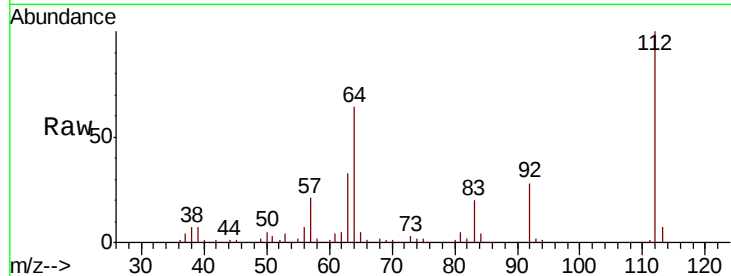
63 33.5 26.6 39.8

Manual Integrations

APPROVED

mohammad

9/24/2020 10:46:33 AM

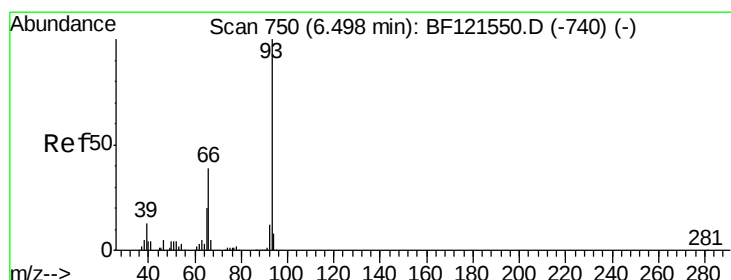
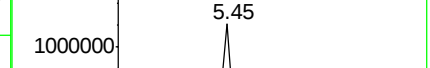
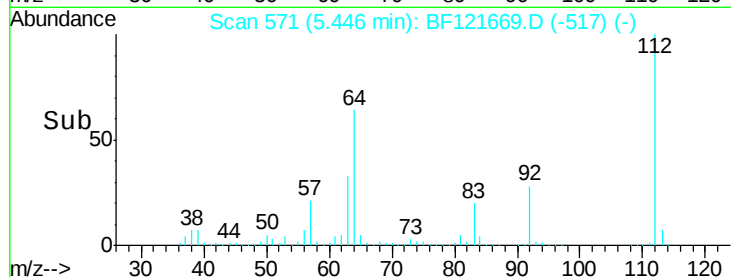


Abundance Ion 112.00 (111.70 to 112.70): BF1

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



#6

Aniline

Concen: 34.839 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

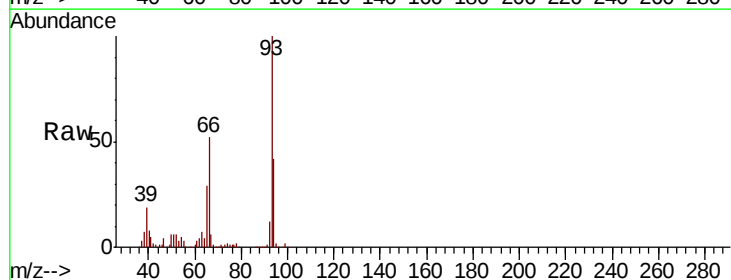
Tgt Ion: 93 Resp: 602150

Ion Ratio Lower Upper

93 100

66 51.6 31.9 47.9#

65 28.5 16.1 24.1#

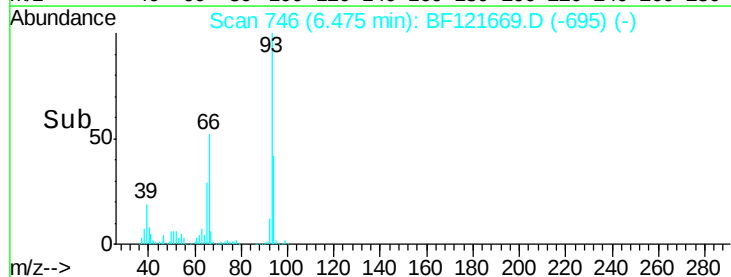


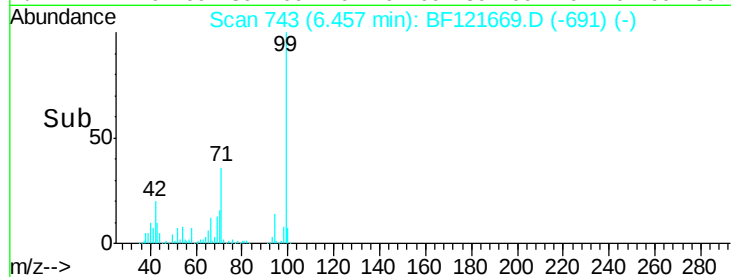
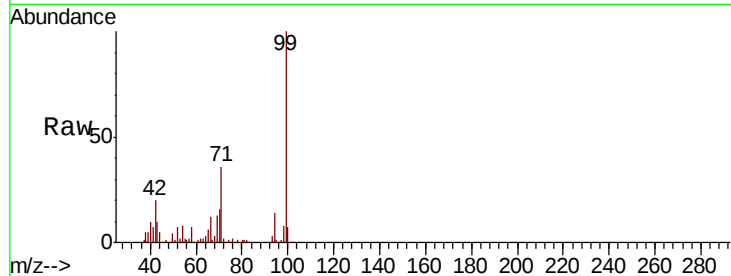
Abundance Ion 93.00 (92.70 to 93.70): BF1

800000 Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->





#7

Phenol-d6

Concen: 116.100 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tot Ion:	99	Resp:	1540728
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	35.6	27.4	41.2

Instrument :

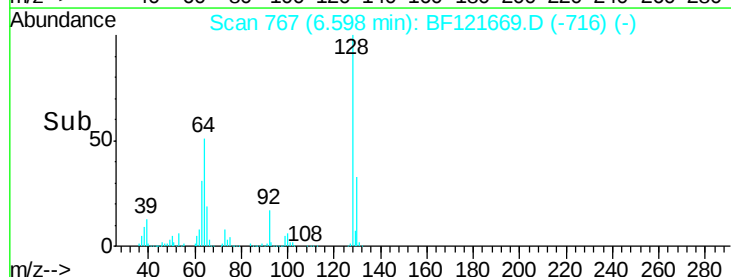
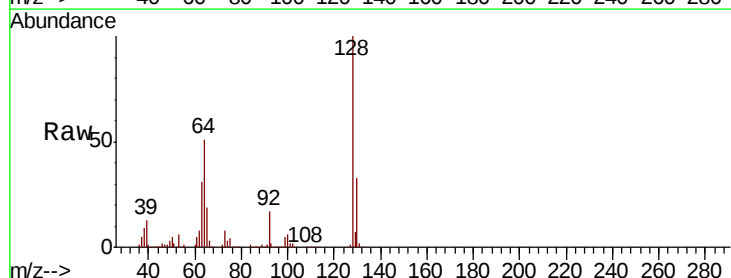
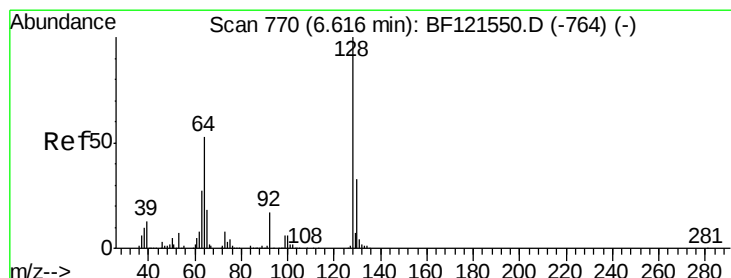
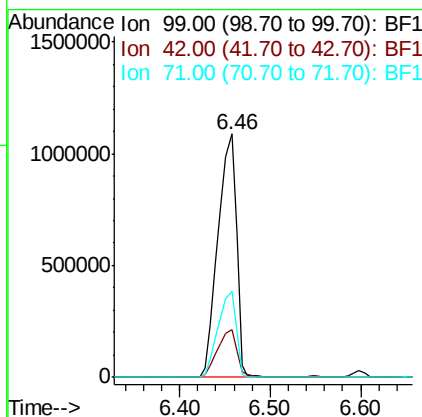
BNA_F

ClientSampleId :

PB131842BS

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#8

2-Chlorophenol

Concen: 48.072 ng

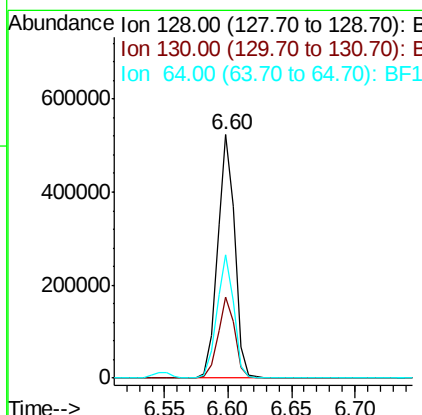
RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:	128	Resp:	495089
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.5	53.5
64	50.7	29.3	69.3





#9

Benzaldehyde

Concen: 20.141 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampled :

PB131842BS

Tot Ion: 77 Resp: 174728

Ion Ratio Lower Upper

77 100

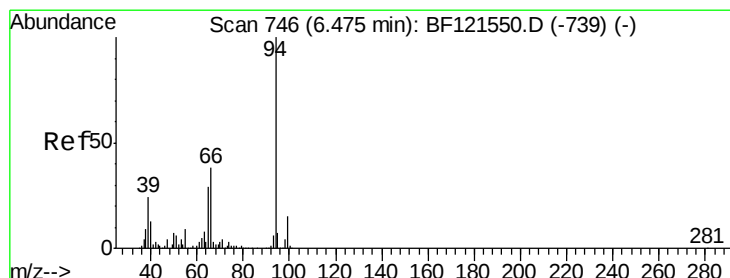
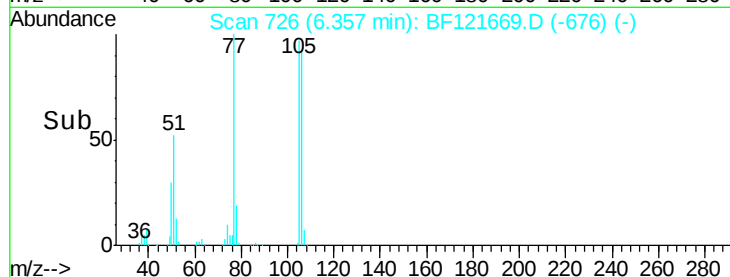
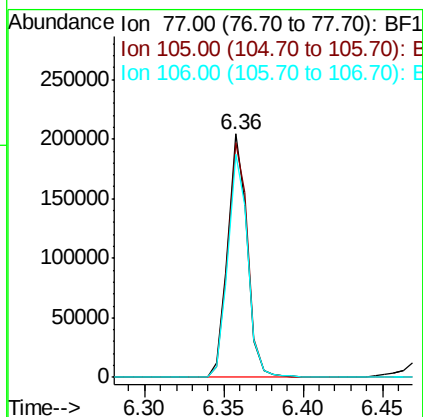
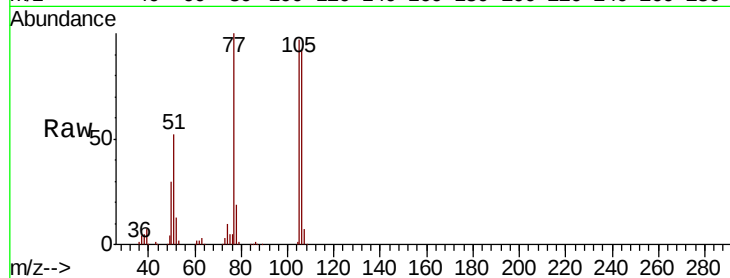
105 96.6 79.2 119.2

106 91.8 72.9 112.9

Manual Integrations
APPROVED

mohammad

9/24/2020 10:46:33 AM



#10

Phenol

Concen: 41.819 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

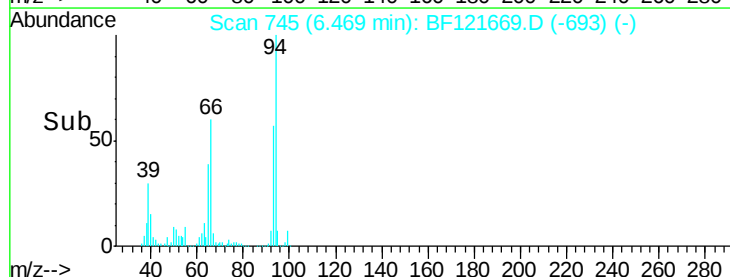
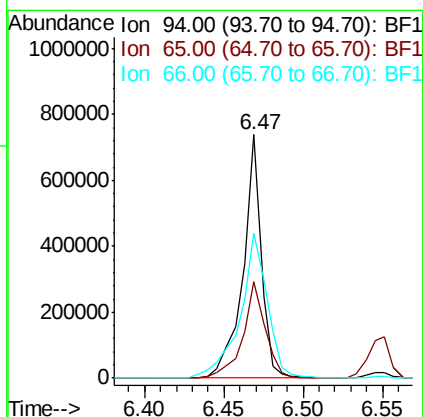
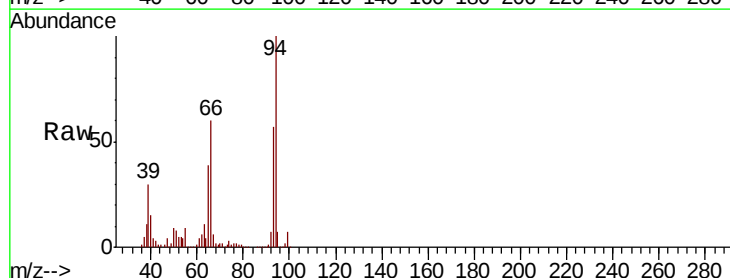
Tgt Ion: 94 Resp: 590976

Ion Ratio Lower Upper

94 100

65 39.4 17.8 57.8

66 59.8 37.8 77.8





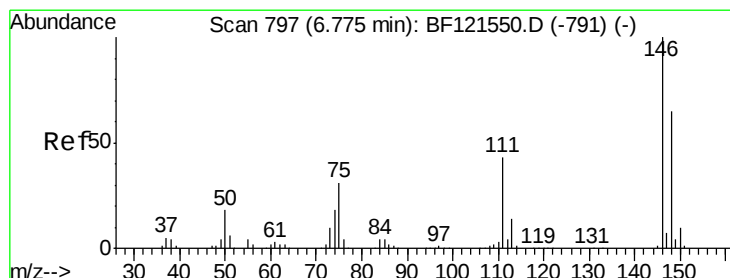
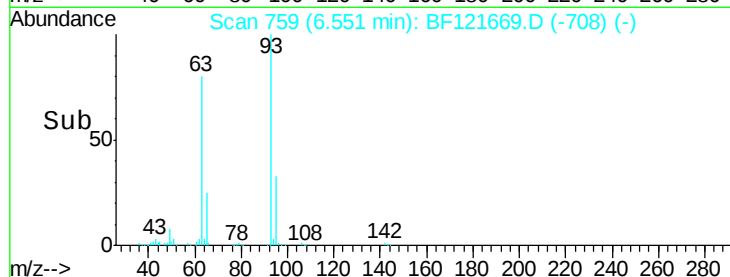
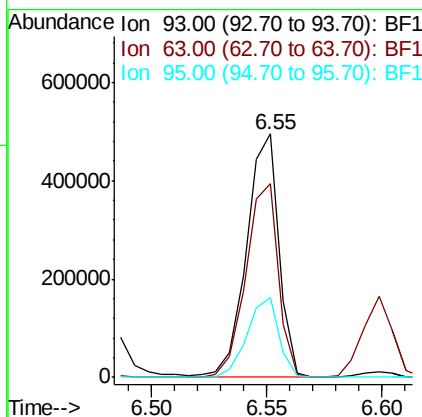
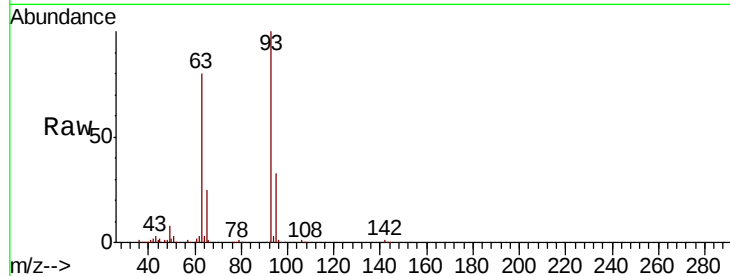
#11
bis(2-Chloroethyl)ether
Concen: 45.277 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:	93	Resp:	482243
Ion	Ratio	Lower	Upper
93	100		
63	79.5	60.3	100.3
95	32.9	12.6	52.6

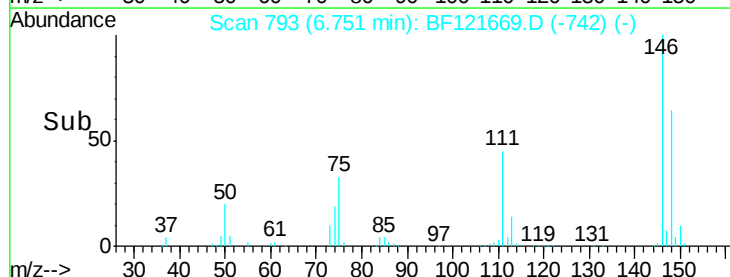
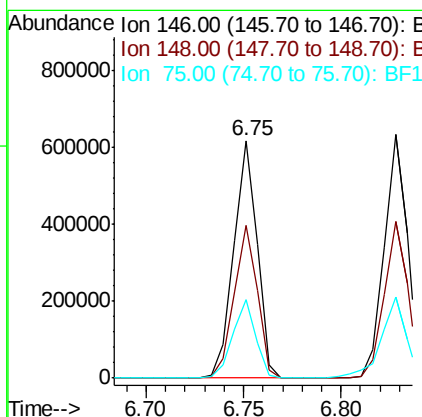
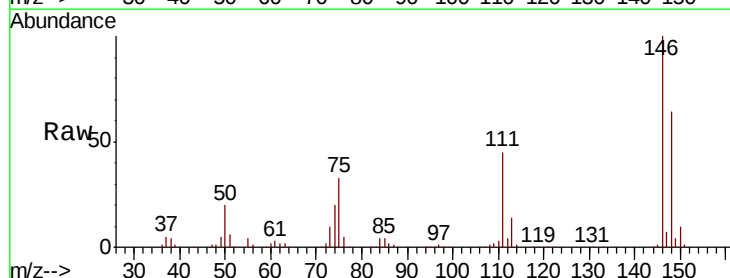
Manual Integrations
APPROVED

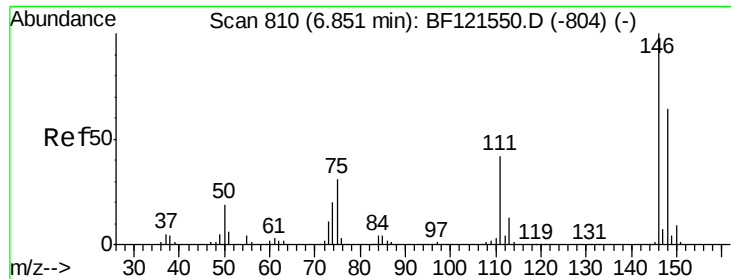
mohammad
9/24/2020 10:46:33 AM



#12
1,3-Dichlorobenzene
Concen: 44.816 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:	146	Resp:	515170
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	33.1	23.5	35.3





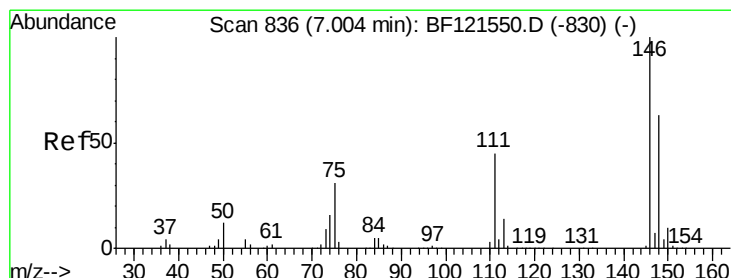
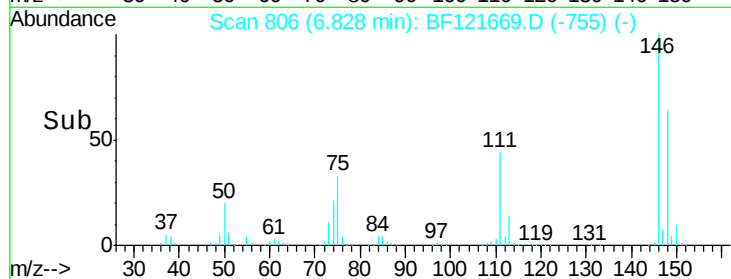
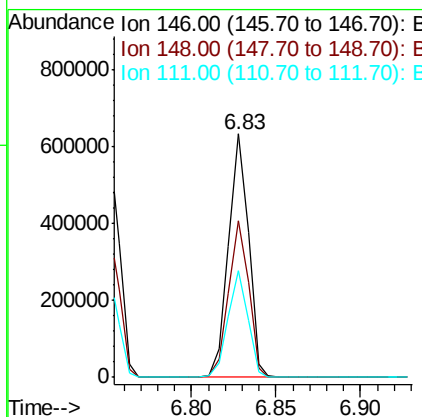
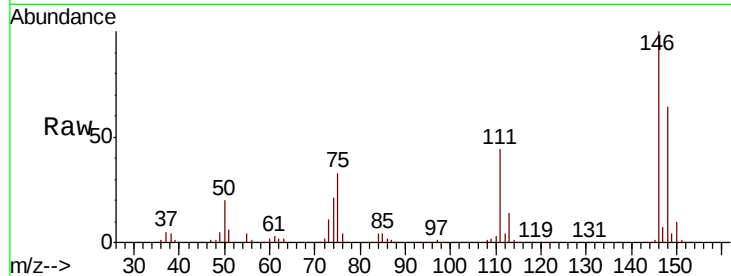
#13
 1,4-Dichlorobenzene
 Concen: 45.006 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	43.6	32.7	49.1

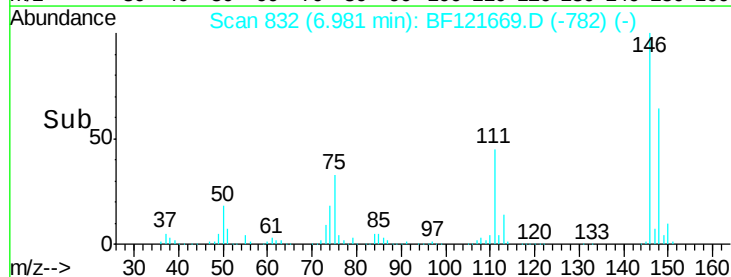
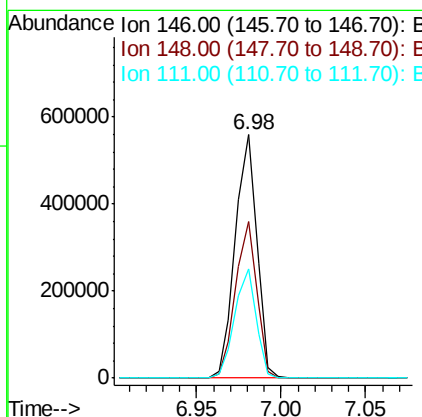
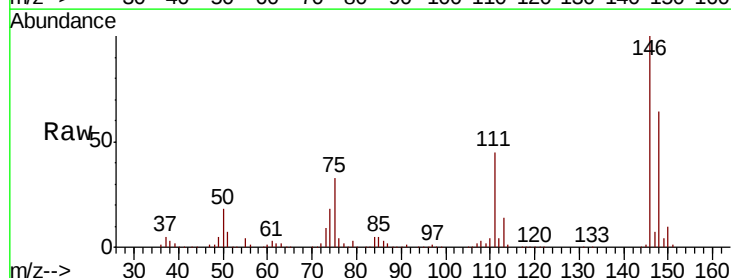
Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:33 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.888 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	45.0	35.5	53.3





#15

Benzyl Alcohol

Concen: 47.751 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

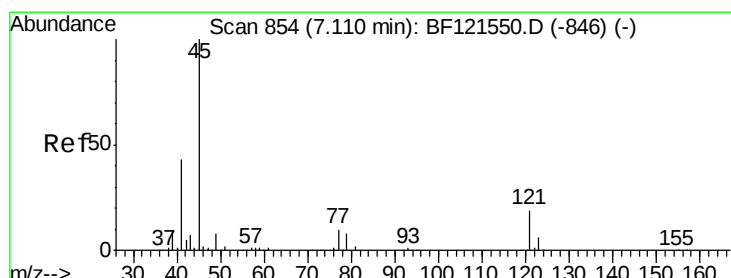
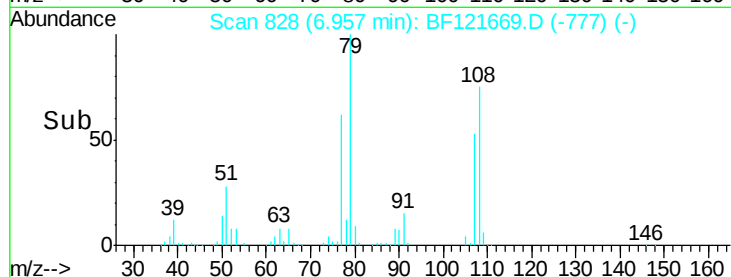
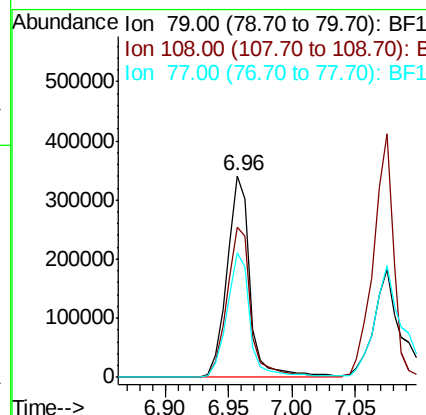
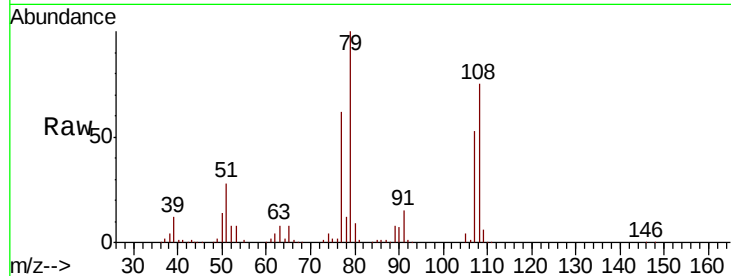
ClientSampleId :

PB131842BS

Tot Ion:	79	Resp:	430709
Ion Ratio	Lower	Upper	
79	100		
108	74.6	60.2	90.2
77	61.5	50.6	76.0

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.112 ng

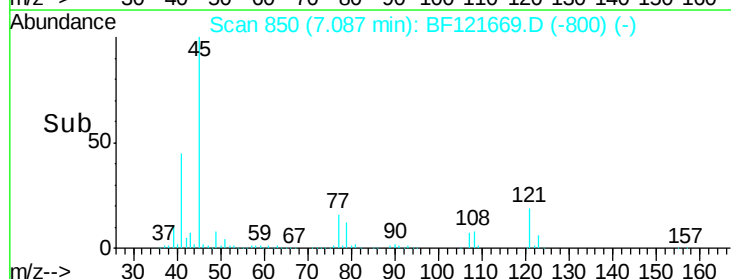
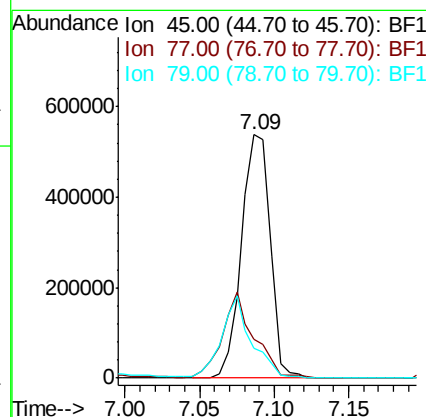
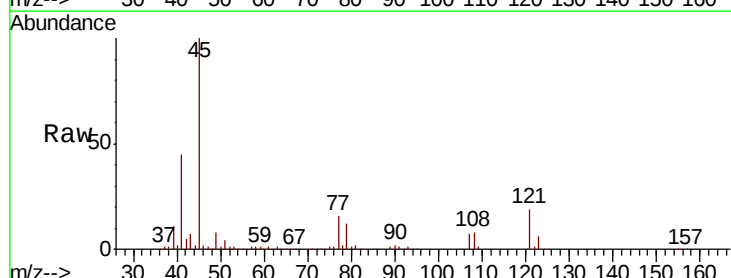
RT: 7.09 min Scan# 850

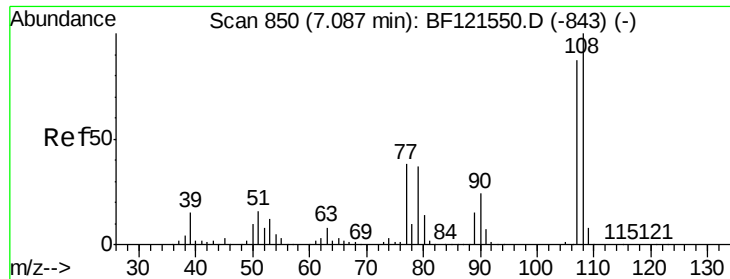
Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:	45	Resp:	721764
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	33.8
79	12.5	0.0	31.2





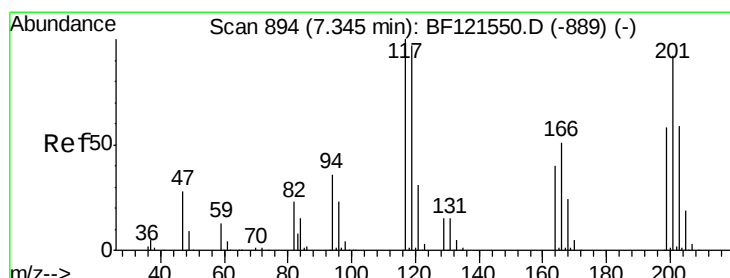
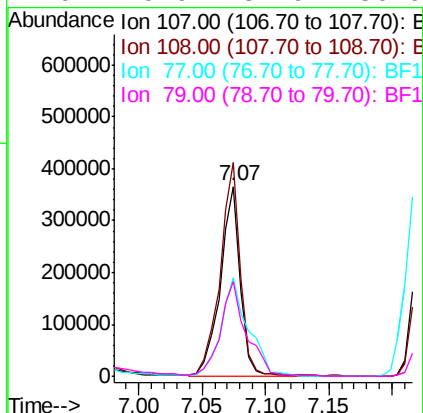
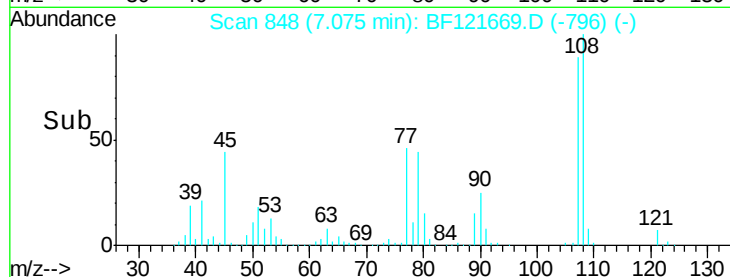
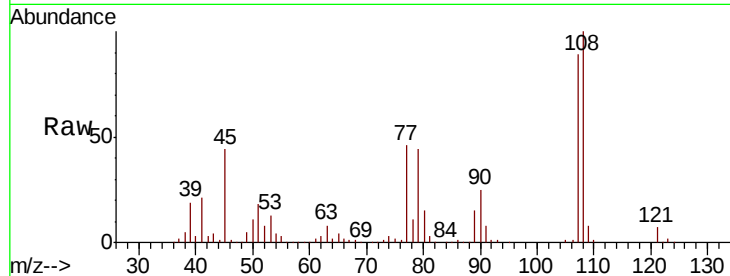
#17
2-Methylphenol
Concen: 45.614 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	399706		
108	112.5	90.6	135.8	
77	51.7	38.7	58.1	
79	49.9	37.9	56.9	

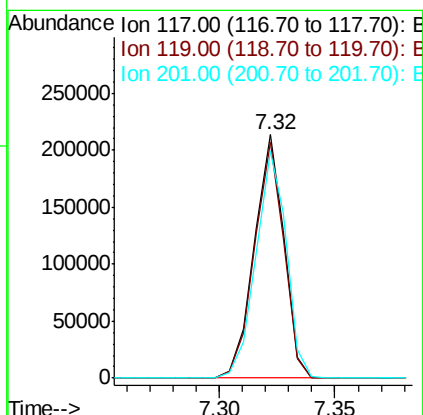
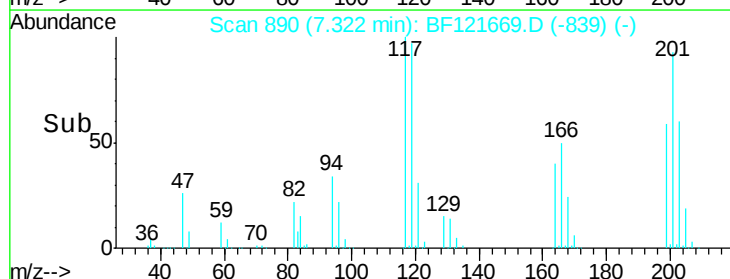
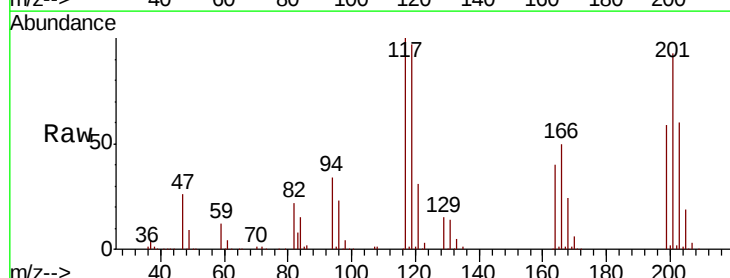
Manual Integrations
APPROVED

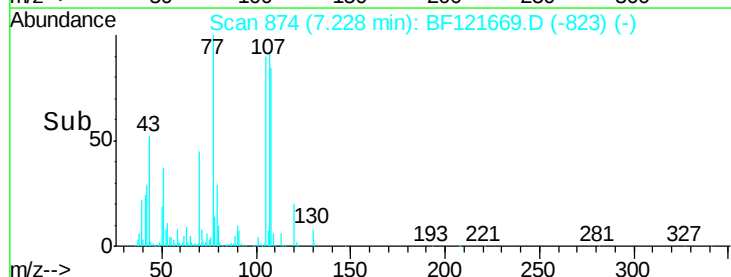
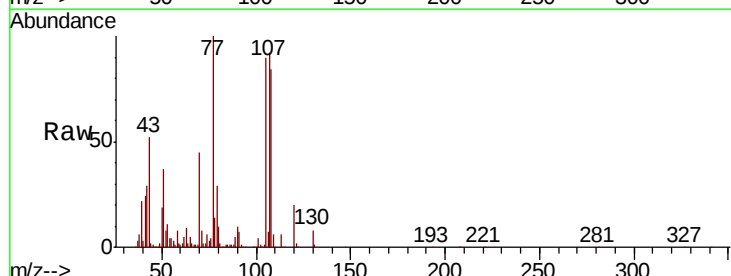
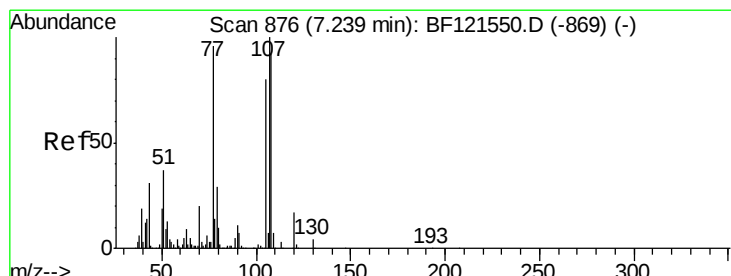
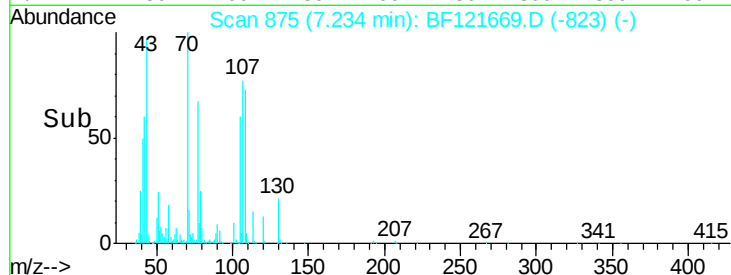
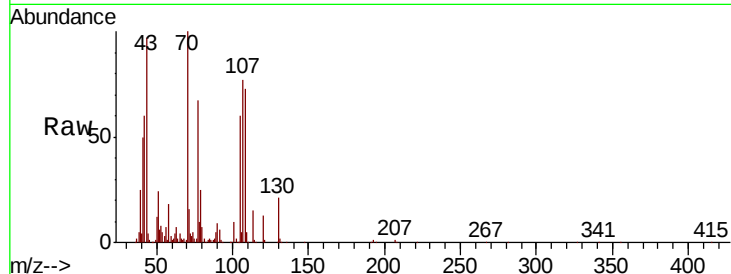
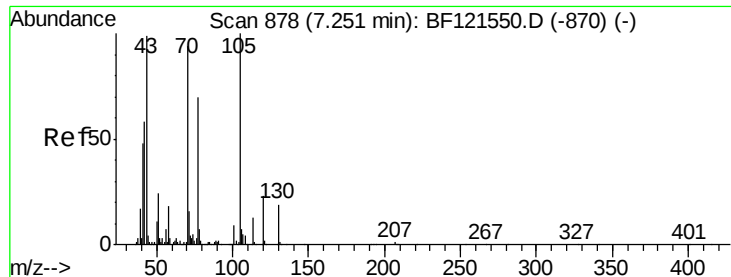
mohammad
9/24/2020 10:46:33 AM



#18
Hexachloroethane
Concen: 46.365 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

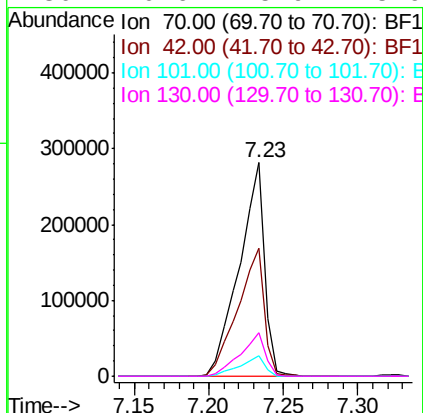
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	191618		
119	96.9	75.7	113.5	
201	93.1	77.5	116.3	





#19
n-Nitroso-di-n-propylamine
Concen: 43.591 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.1	48.3	72.5		
101	9.8	7.6	11.4		
130	20.6	15.9	23.9		



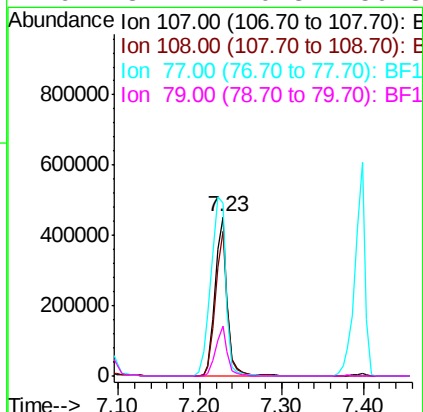
Instrument :
BNA_F
ClientSampleId :
PB131842BS

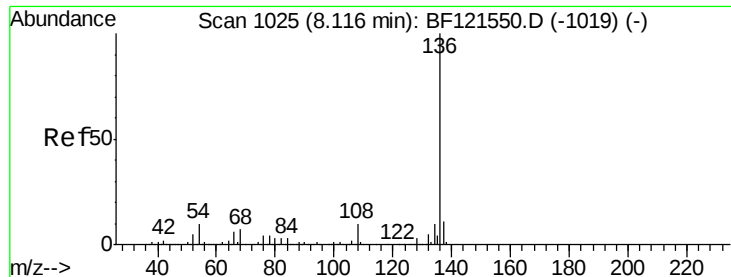
Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM

#20
3+4-Methylphenols
Concen: 44.468 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.9	67.0	107.0		
77	108.7	107.7	147.7		
79	31.7	10.3	50.3		





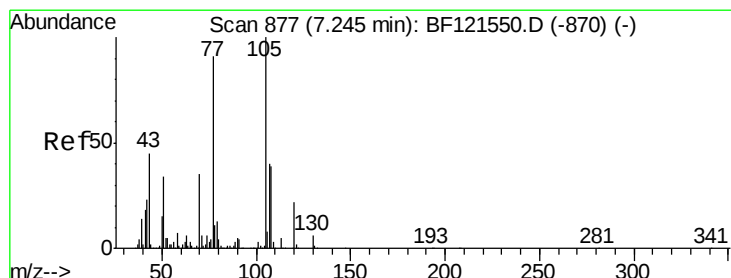
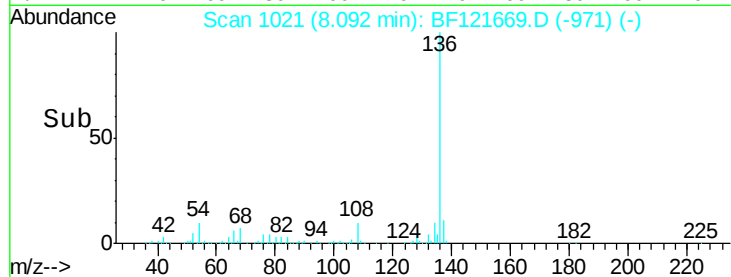
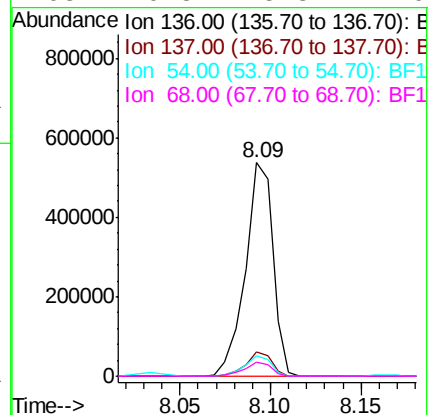
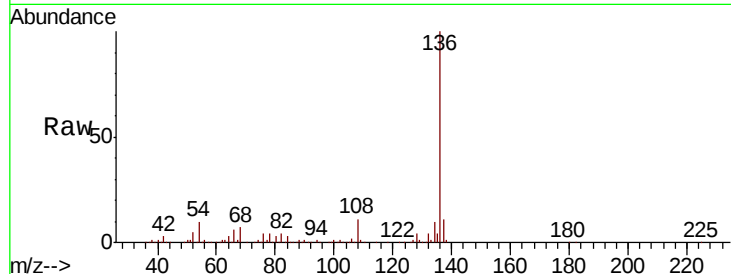
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.6	7.4	11.0	
68	6.8	5.3	7.9	

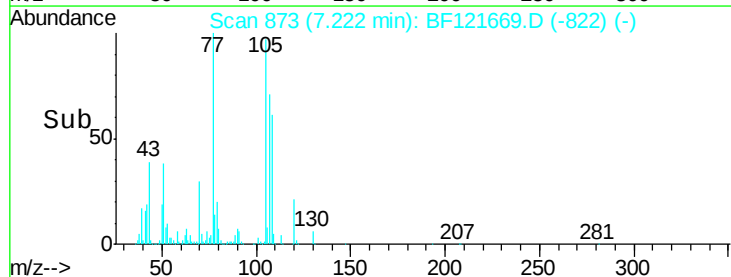
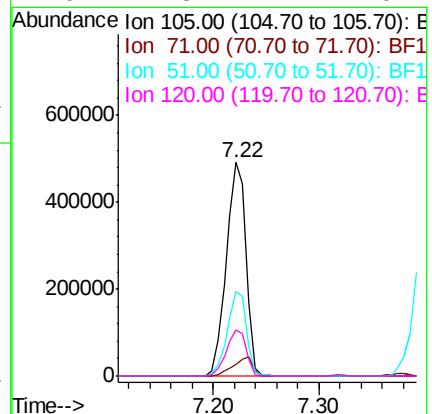
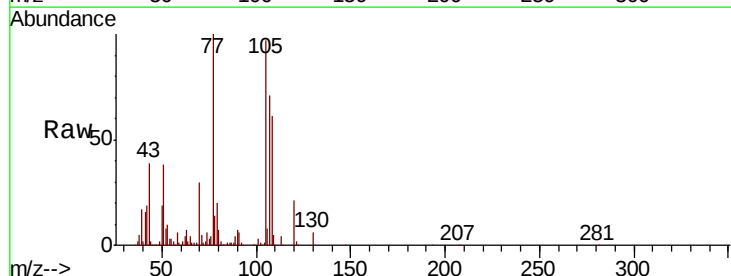
Manual Integrations
APPROVED

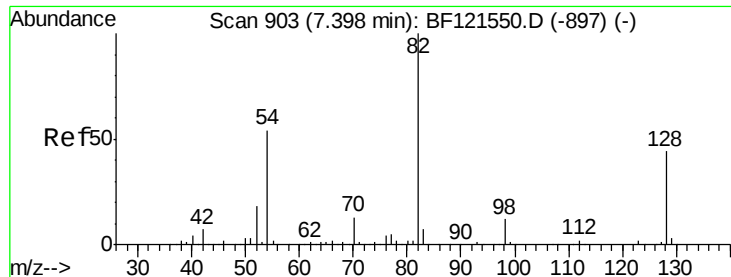
mohammad
9/24/2020 10:46:33 AM



#22
Acetophenone
Concen: 44.244 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	5.5	8.3#	
51	39.8	31.7	47.5	
120	21.3	17.4	26.2	





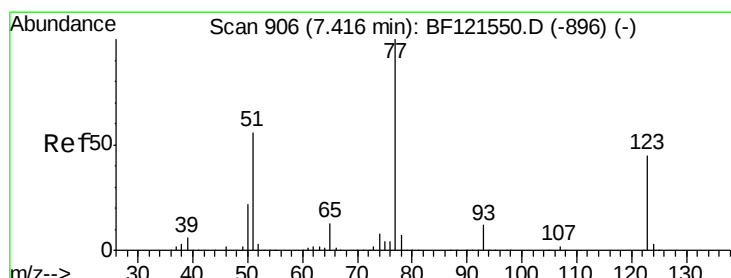
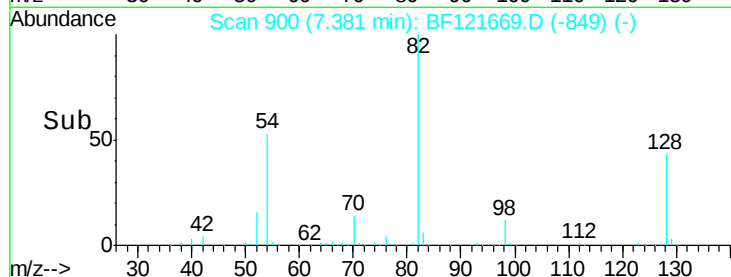
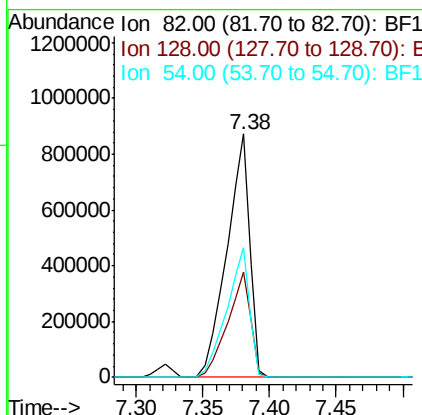
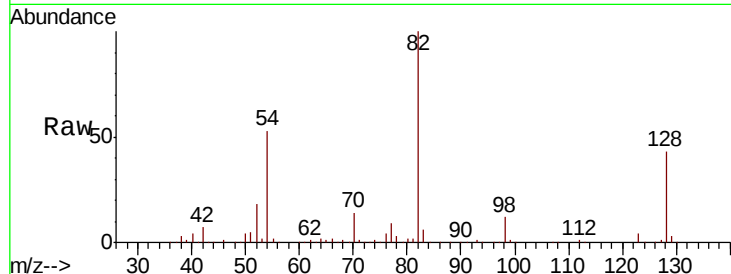
#23
 Nitrobenzene-d5
 Concen: 99.534 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	82	Resp	1054330
Ion Ratio	100	Lower	Upper
82	100		
128	43.4	33.9	50.9
54	53.3	42.9	64.3

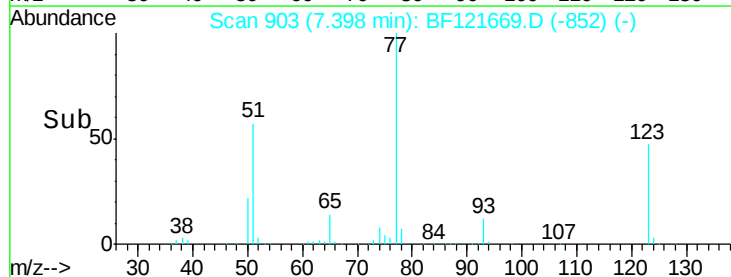
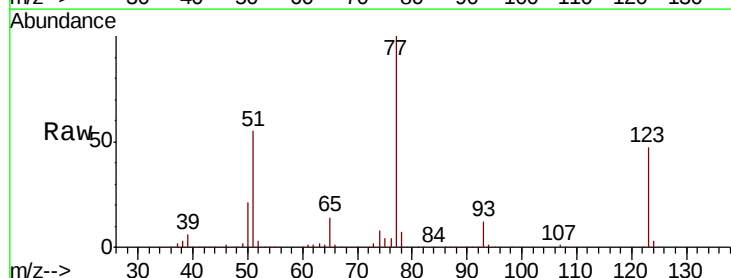
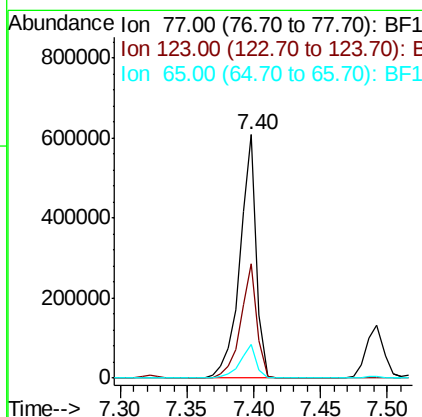
Manual Integrations
 APPROVED

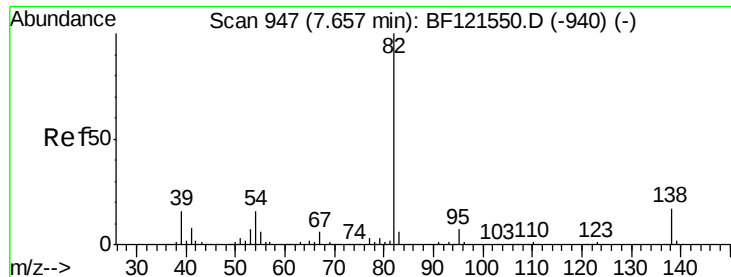
mohammad
 9/24/2020 10:46:33 AM



#24
 Nitrobenzene
 Concen: 45.532 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	77	Resp	521638
Ion Ratio	100	Lower	Upper
77	100		
123	46.7	35.8	53.8
65	13.6	11.2	16.8





#25

Isophorone

Concen: 43.195 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

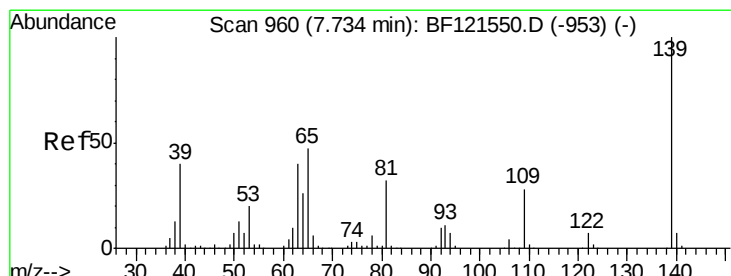
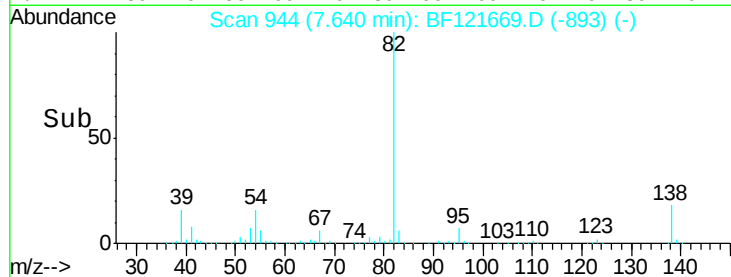
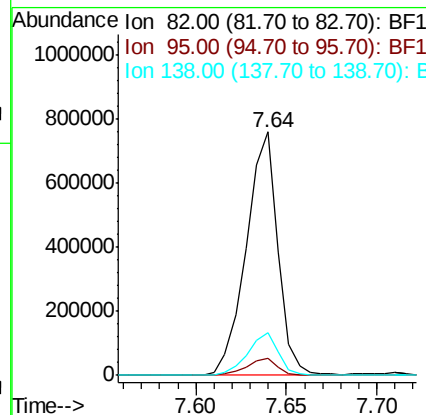
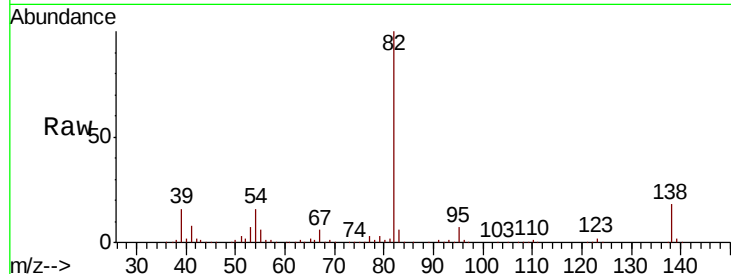
ClientSampleId :

PB131842BS

Tot Ion	82	Resp	921056
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	17.7	13.2	19.8

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#26

2-Nitrophenol

Concen: 46.762 ng

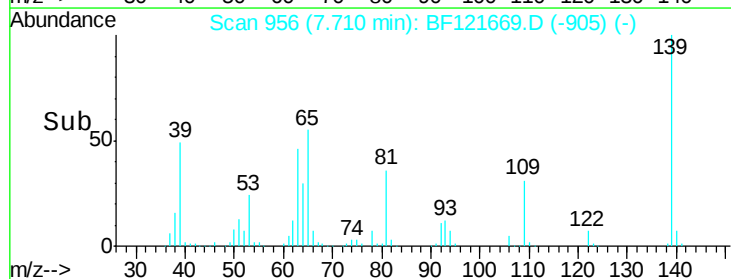
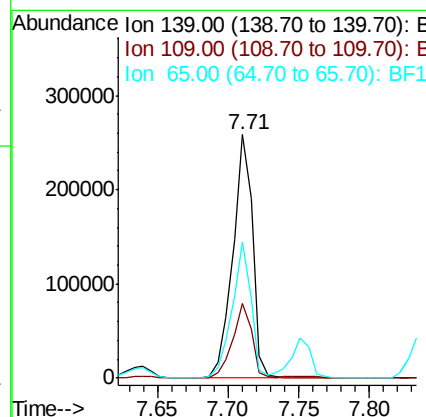
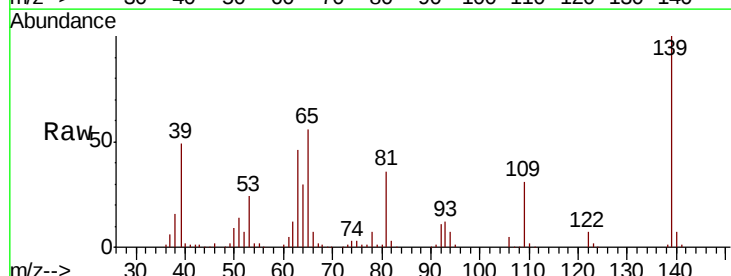
RT: 7.71 min Scan# 956

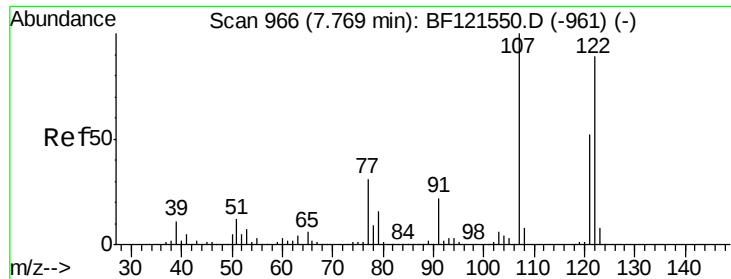
Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion	139	Resp	251830
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.4	35.2
65	55.6	41.0	61.4





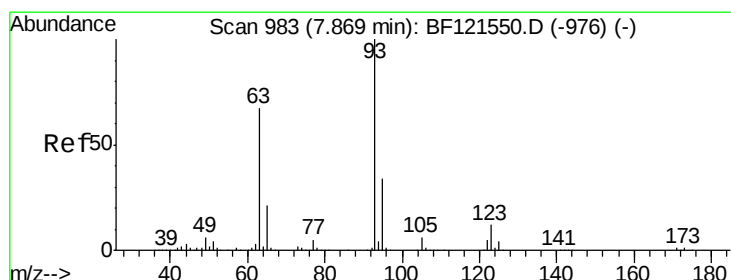
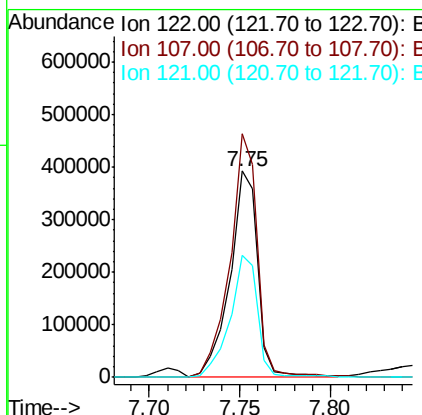
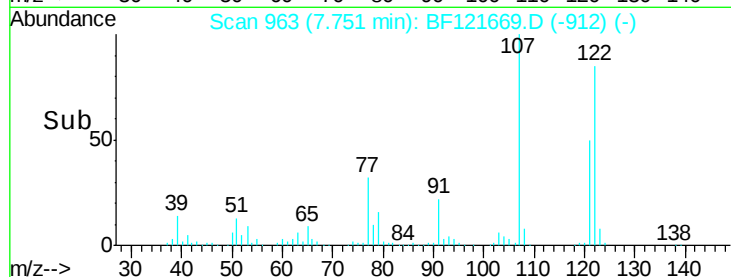
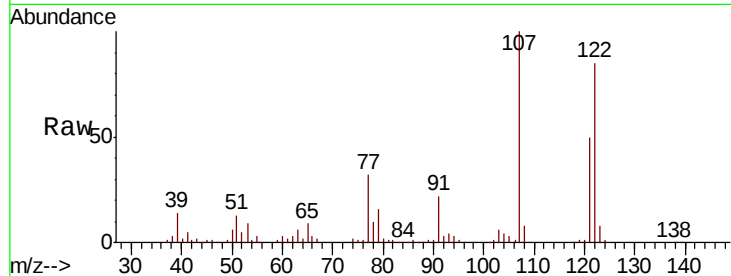
#27
 2,4-Dimethylphenol
 Concen: 43.962 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		418440		
107	118.1	91.4	137.0		
121	59.4	46.2	69.2		

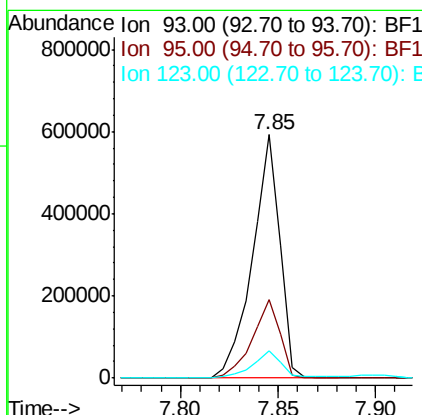
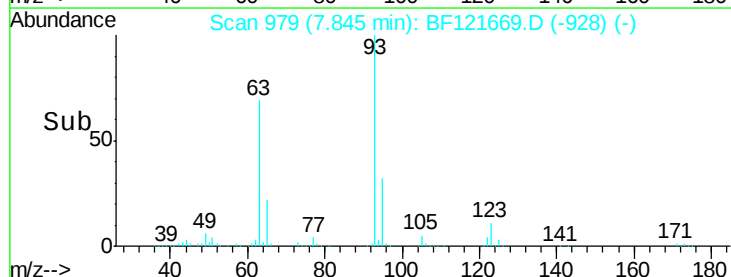
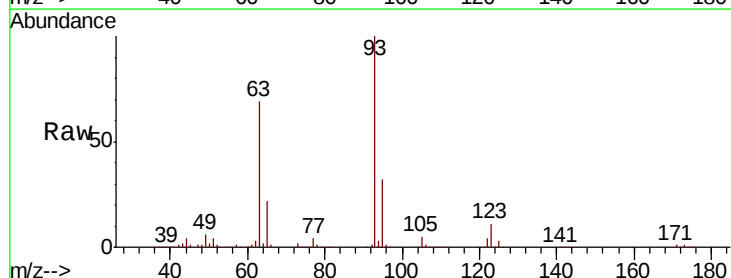
Manual Integrations
 APPROVED

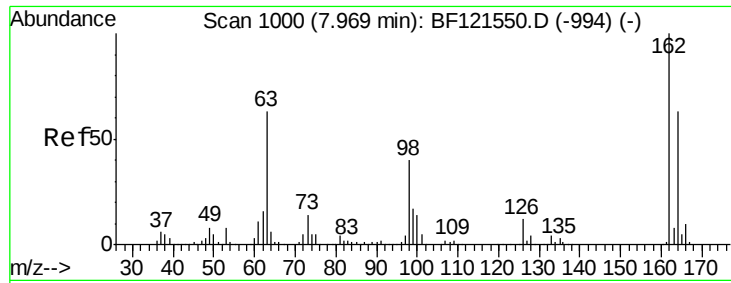
mohammad
 9/24/2020 10:46:33 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.678 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		576575		
95	32.2	26.3	39.5		
123	11.1	9.3	13.9		





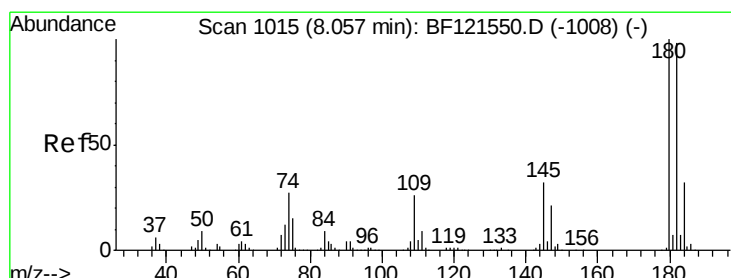
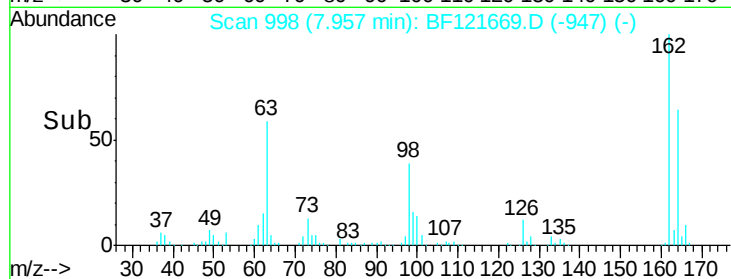
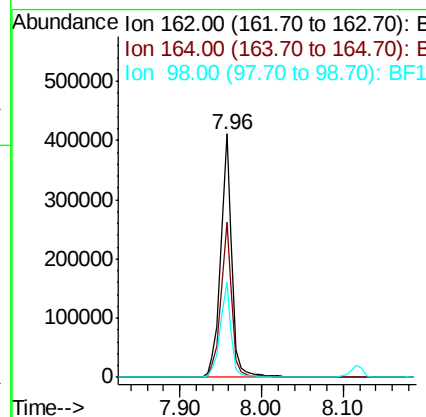
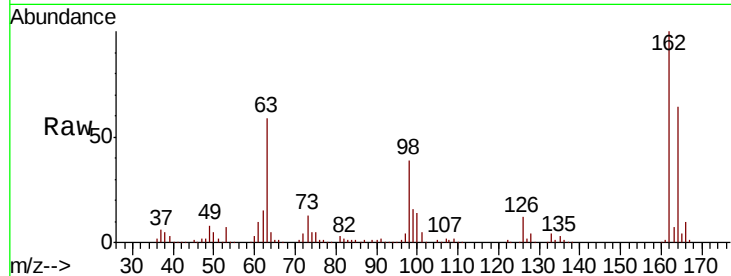
#29
 2,4-Dichlorophenol
 Concen: 45.844 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleID :
 PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	397430		
164	63.5	44.1	84.1	
98	39.3	16.7	56.7	

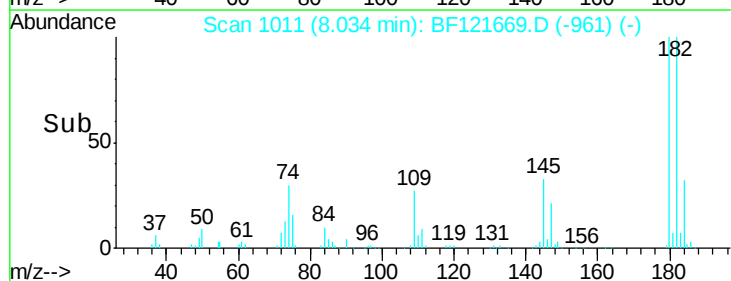
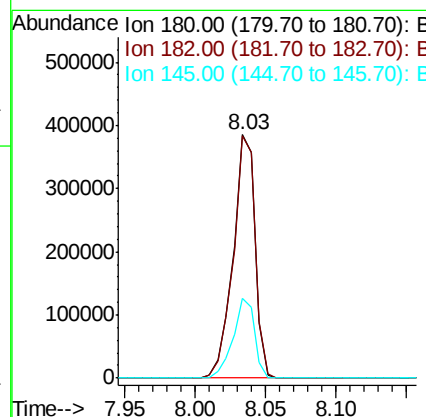
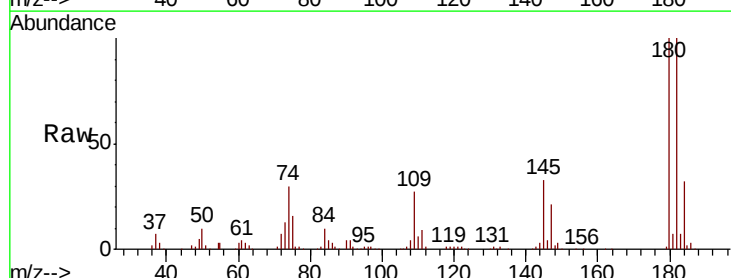
Manual Integrations
 APPROVED

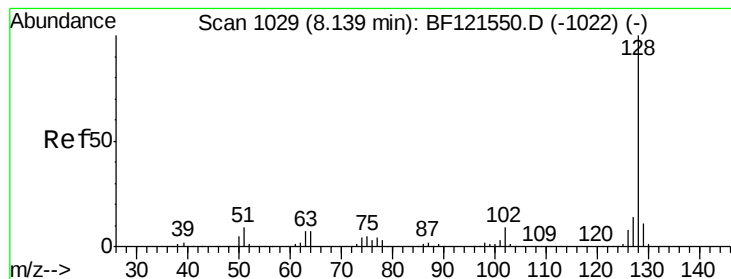
mohammad
 9/24/2020 10:46:33 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.506 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	415483		
182	99.5	78.6	117.8	
145	32.7	26.2	39.2	





#31

Naphthalene

Concen: 44.833 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion:128 Resp: 1346004

Ion Ratio Lower Upper

128 100

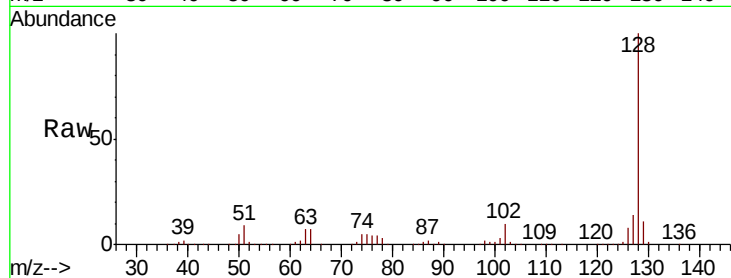
129 11.4 9.0 13.4

127 13.6 10.8 16.2

Manual Integrations
APPROVED

mohammad

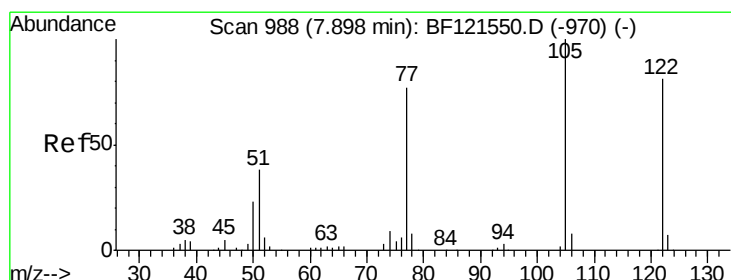
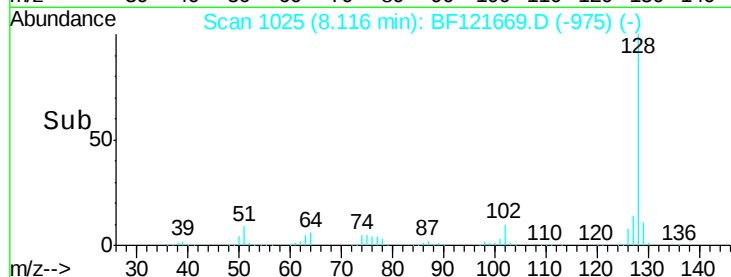
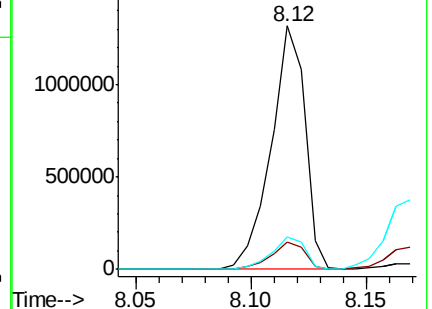
9/24/2020 10:46:33 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.215 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

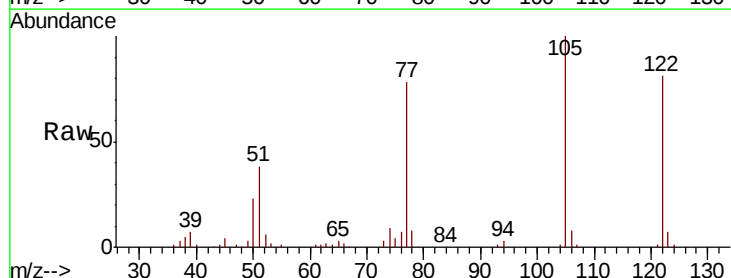
Tgt Ion:122 Resp: 243043

Ion Ratio Lower Upper

122 100

105 123.0 101.9 141.9

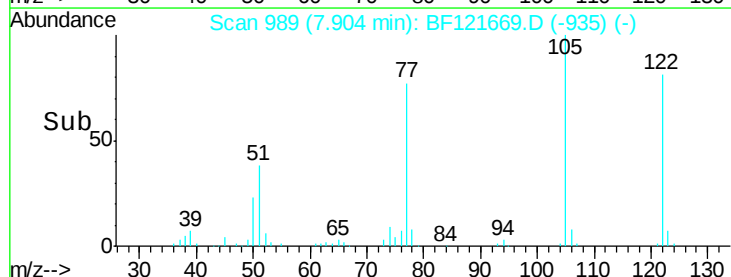
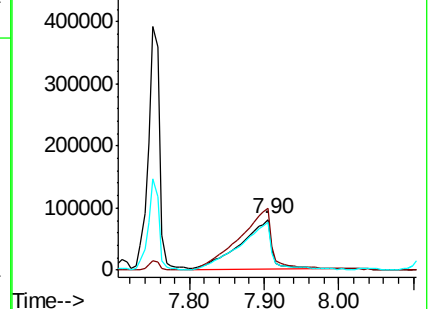
77 95.5 69.0 109.0

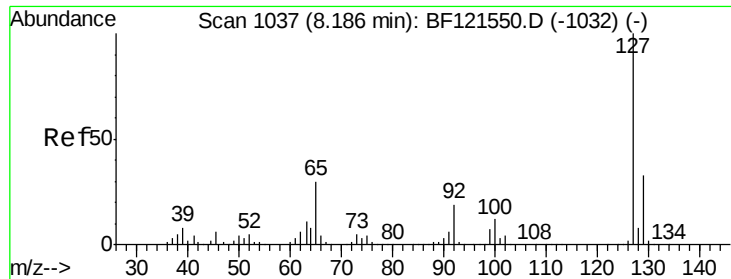


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





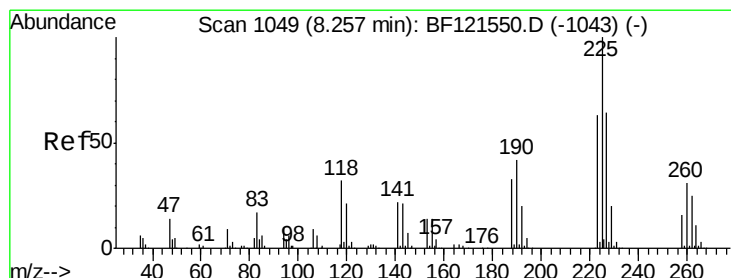
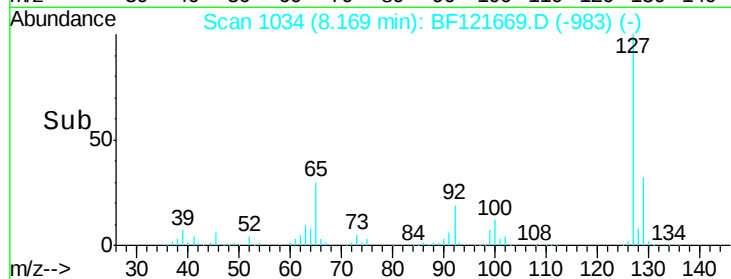
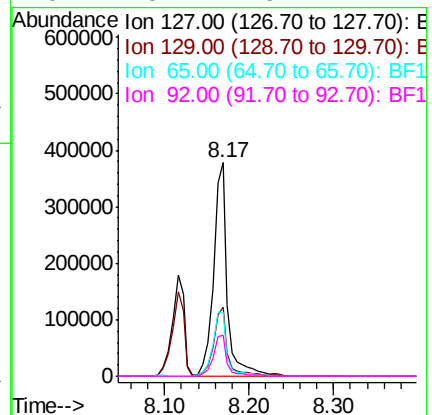
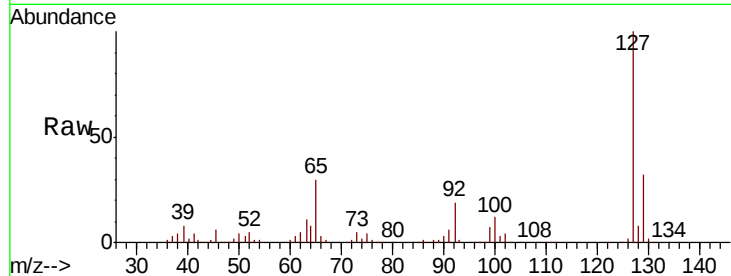
#33
 4-Chloroaniline
 Concen: 33.397 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.8	38.8	
65	30.0	26.3	39.5	
92	19.1	16.2	24.4	

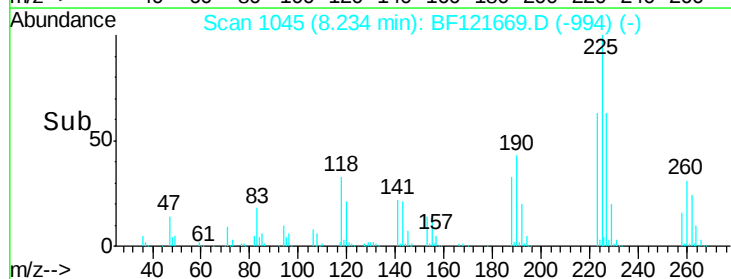
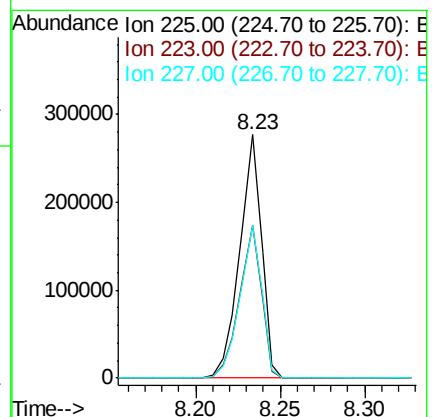
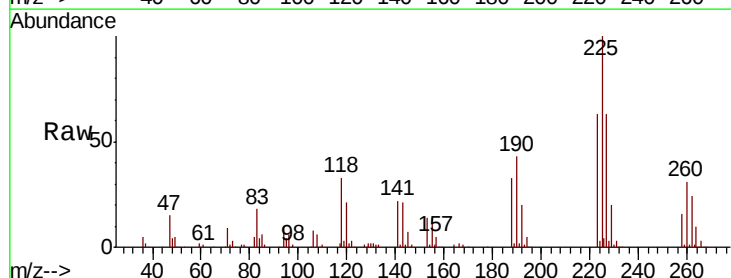
Manual Integrations
 APPROVED

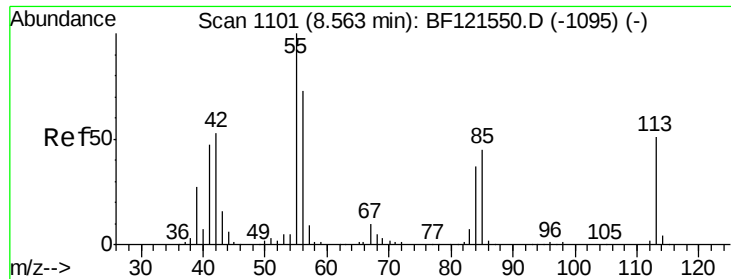
mohammad
 9/24/2020 10:46:33 AM



#34
 Hexachlorobutadiene
 Concen: 46.525 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.4	77.2	
227	62.5	51.7	77.5	





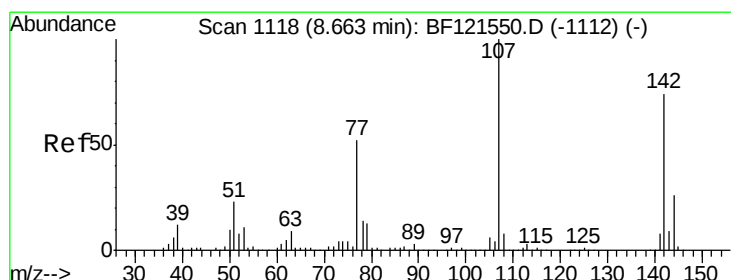
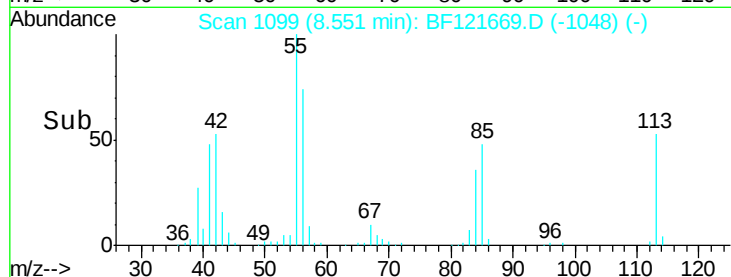
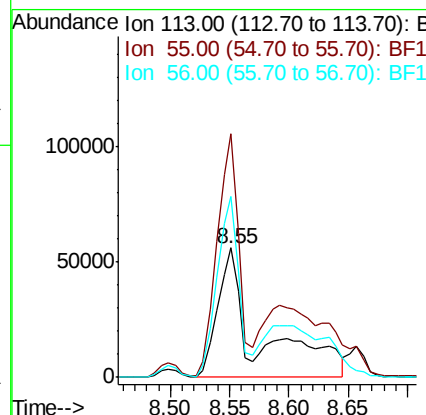
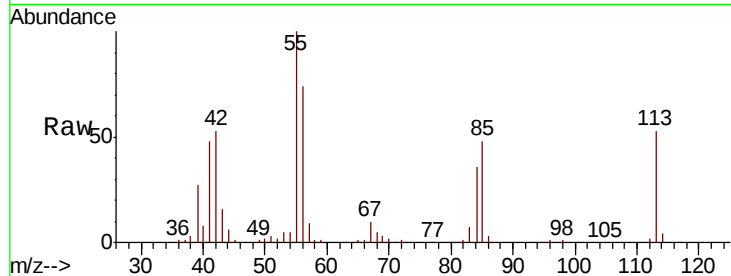
#35
Caprolactam
Concen: 46.217 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.9	166.3	206.3
56	139.5	118.7	158.7

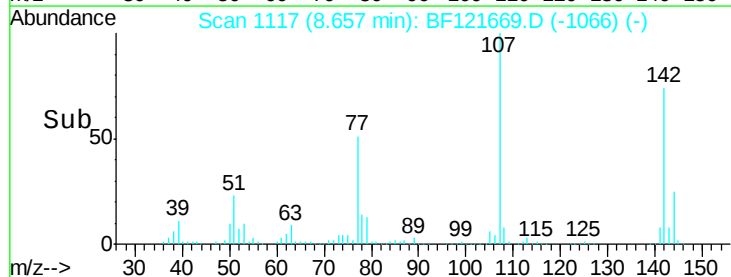
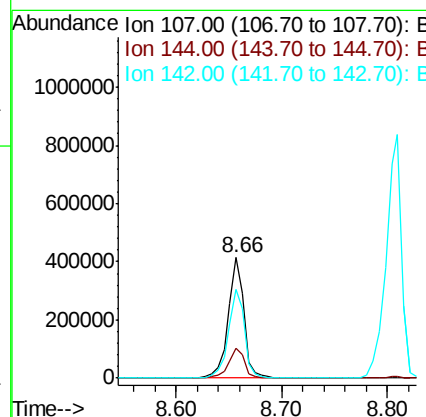
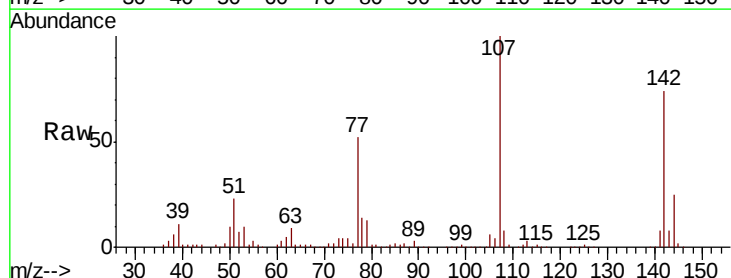
Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#36
4-Chloro-3-methylphenol
Concen: 46.010 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.6	31.0
142	73.7	61.7	92.5





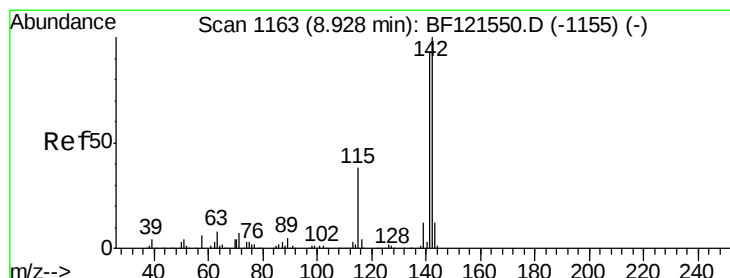
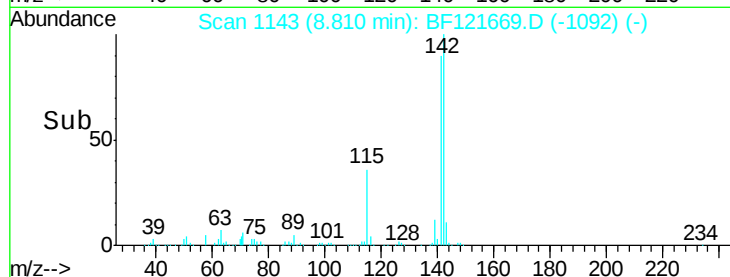
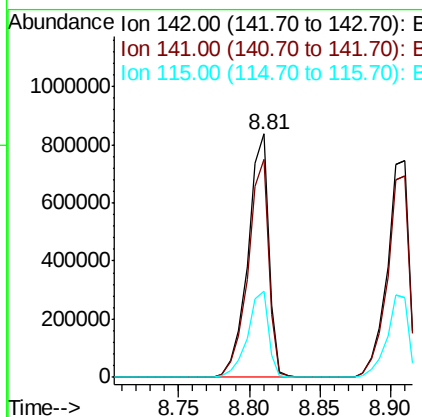
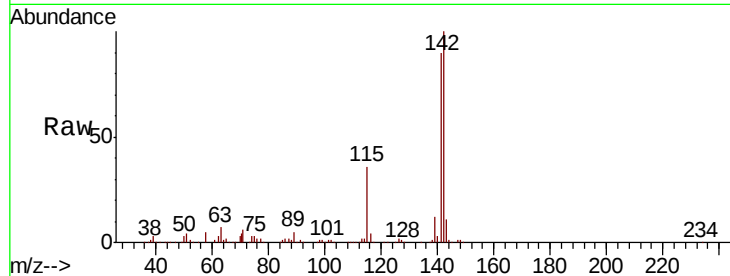
#37
2-Methylnaphthalene
Concen: 44.288 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.2
115	35.6	28.5	42.7

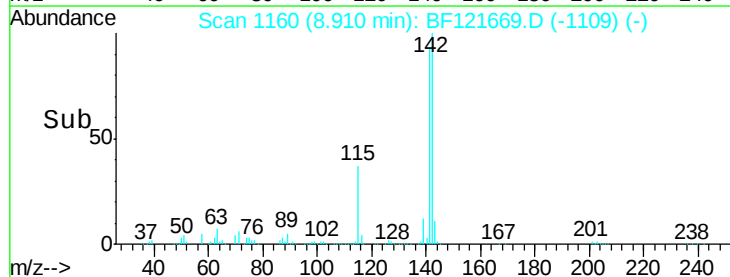
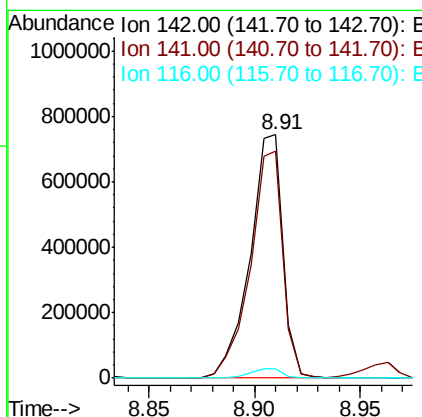
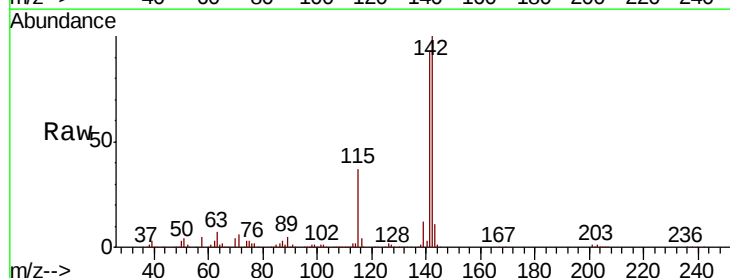
Manual Integrations
APPROVED

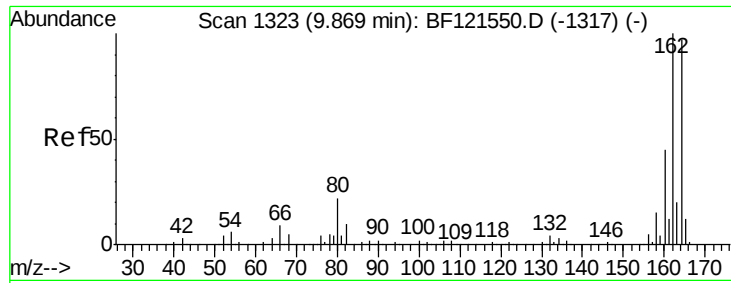
mohammad
9/24/2020 10:46:33 AM



#38
1-Methylnaphthalene
Concen: 44.002 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.8	110.8
116	3.8	3.3	4.9





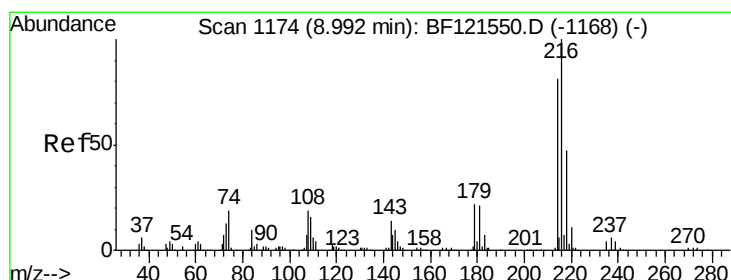
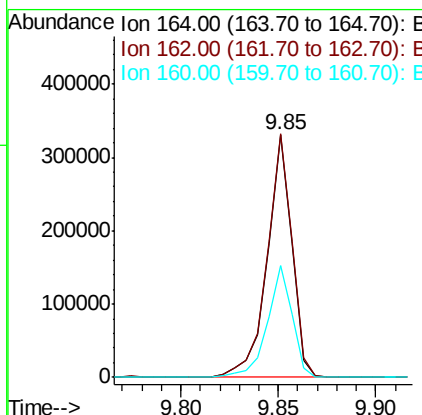
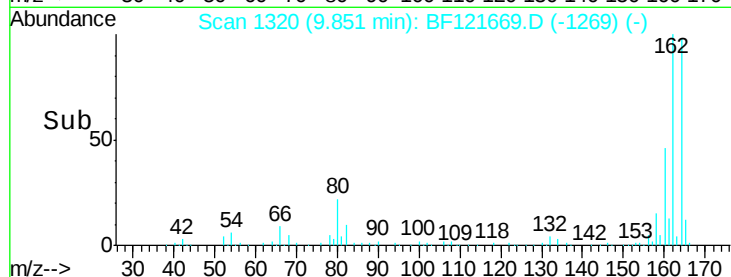
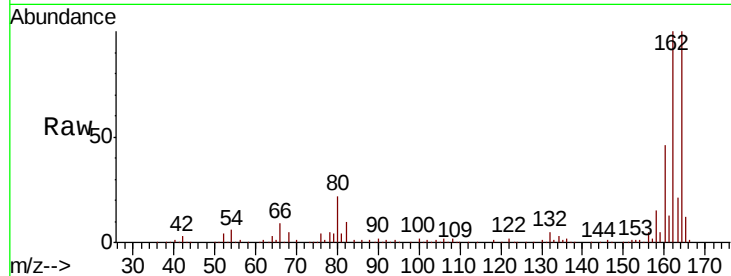
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	81.2	121.8	
160	45.9	36.2	54.4	

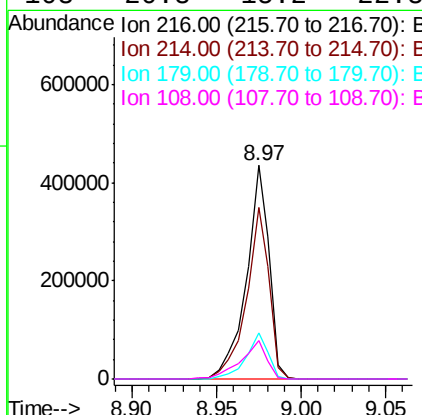
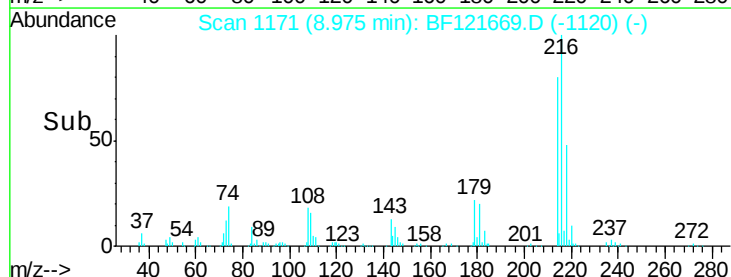
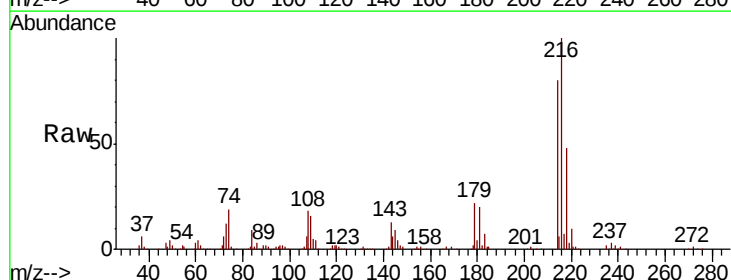
Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.356 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.0	94.4	
179	21.0	16.6	24.8	
108	20.8	15.2	22.8	





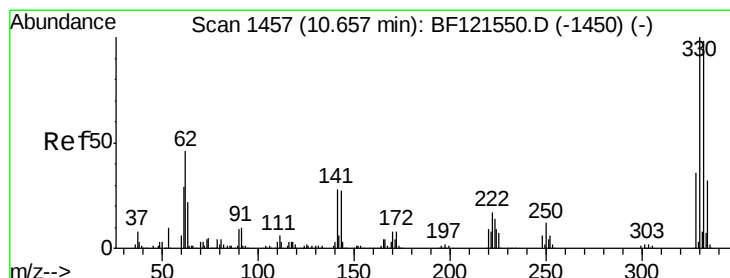
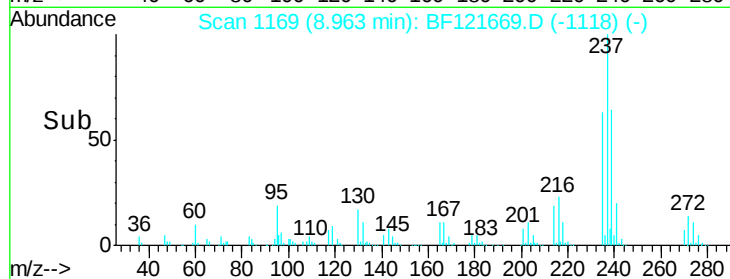
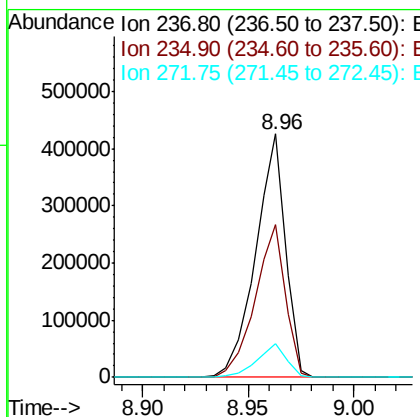
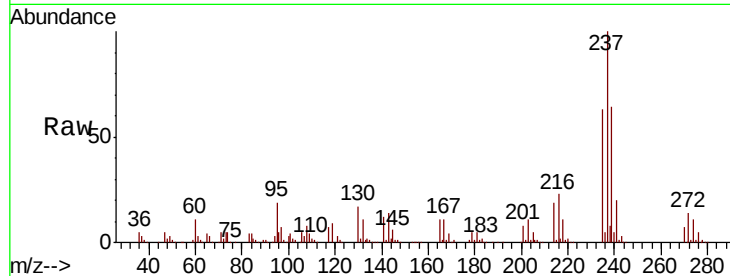
#41
Hexachlorocyclopentadiene
Concen: 81.116 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.9	43.4	83.4	
272	13.8	0.0	34.1	

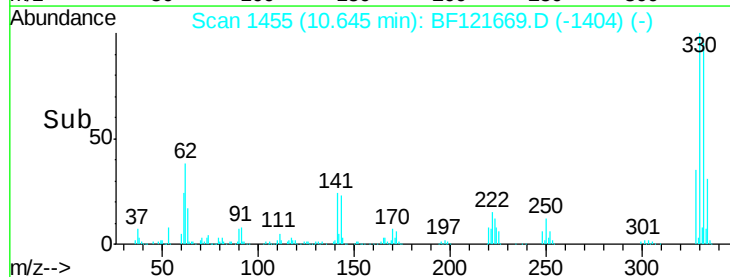
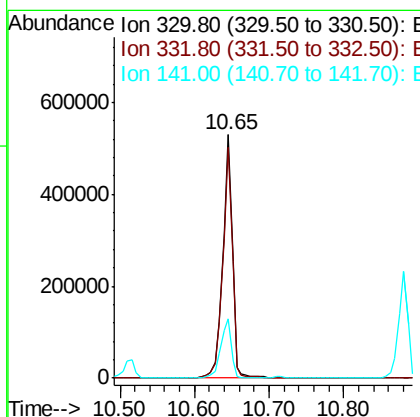
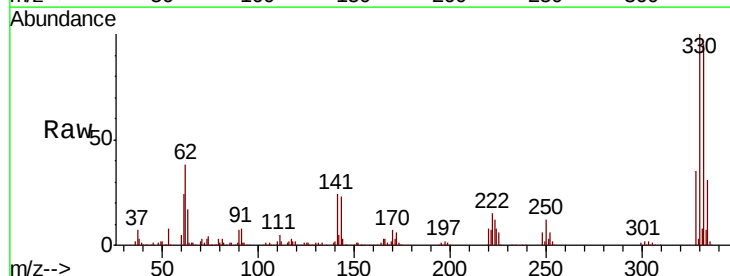
Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#42
2,4,6-Tribromophenol
Concen: 132.243 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.9	115.3	
141	26.8	22.4	33.6	





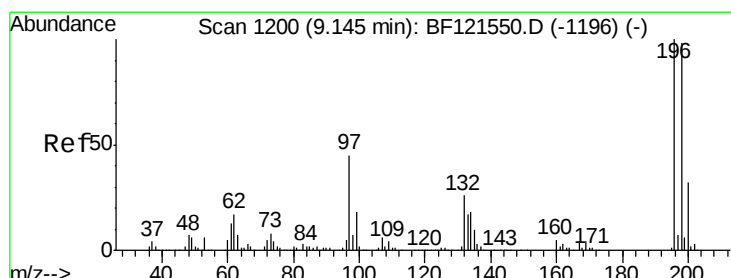
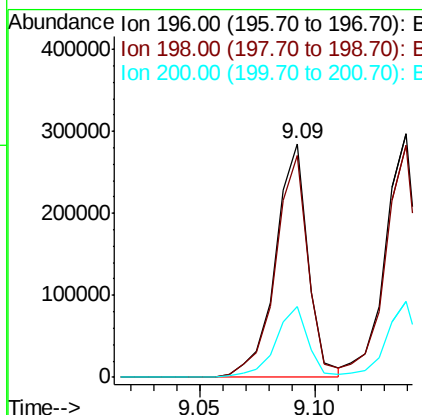
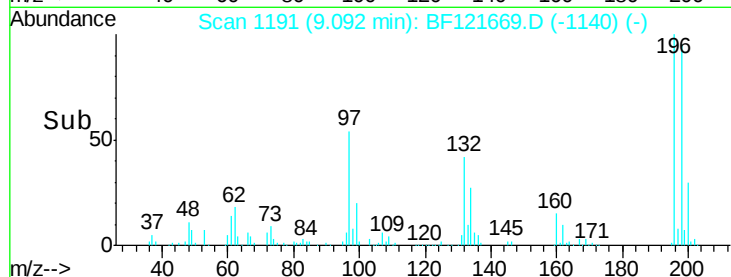
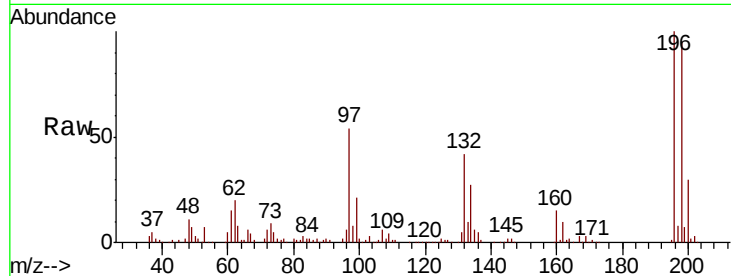
#43
 2,4,6-Trichlorophenol
 Concen: 45.404 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	279162		
198	95.3	75.4	113.2	
200	30.5	24.5	36.7	

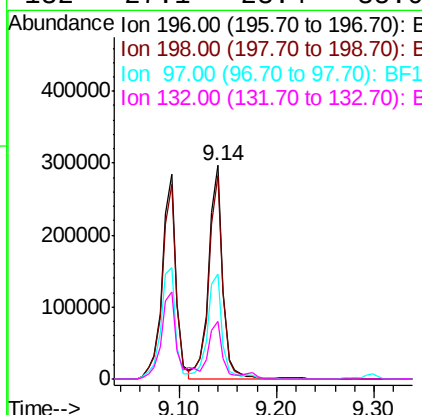
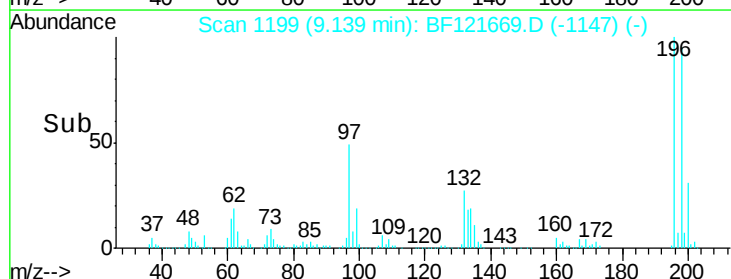
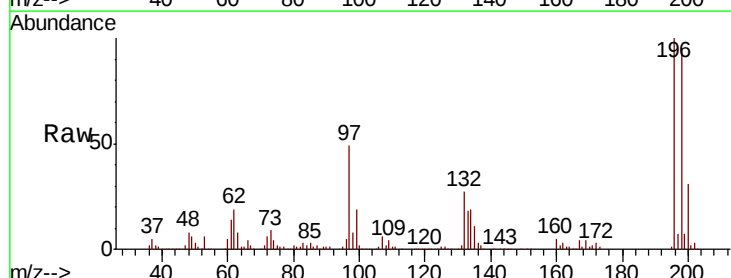
Manual Integrations
 APPROVED

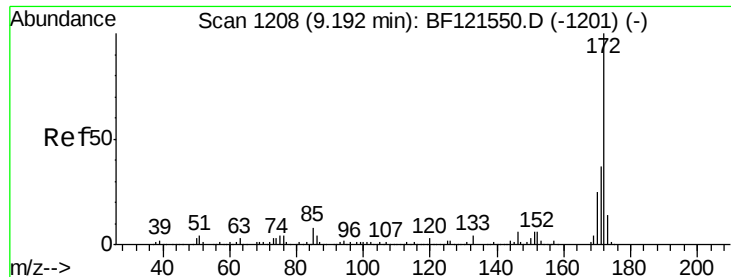
mohammad
 9/24/2020 10:46:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.886 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298256		
198	95.3	74.3	111.5	
97	49.1	44.2	66.2	
132	27.1	23.4	35.0	





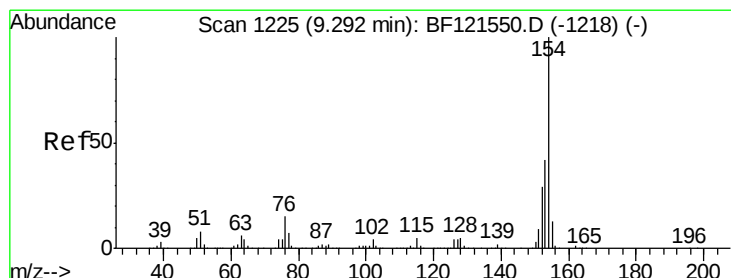
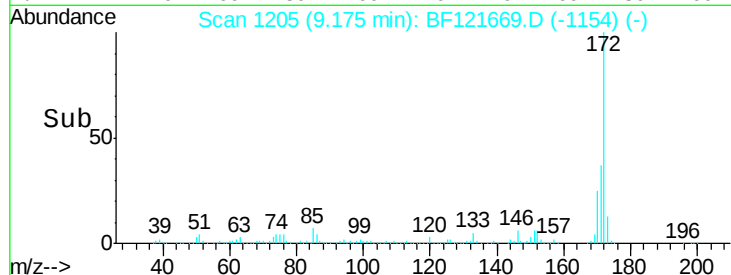
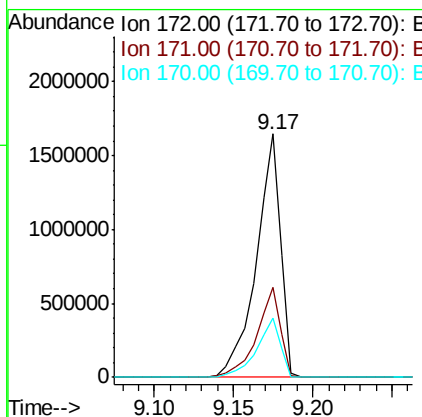
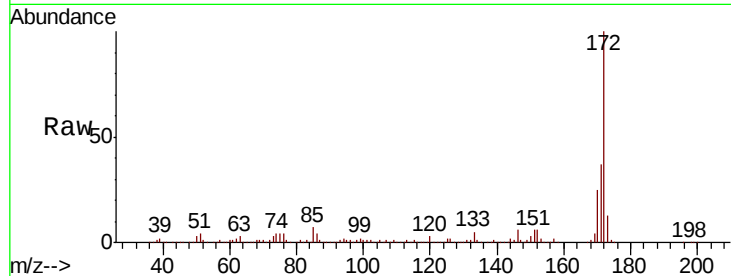
#45
2-Fluorobiphenyl
Concen: 91.999 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	24.5	19.5	29.3

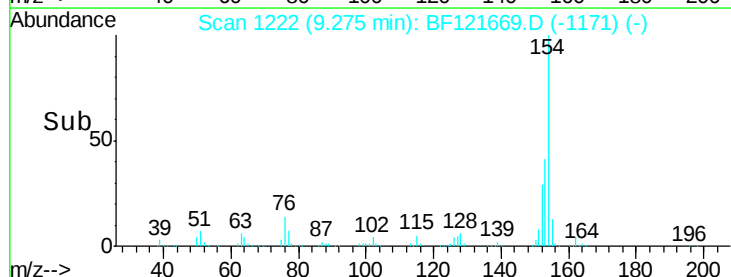
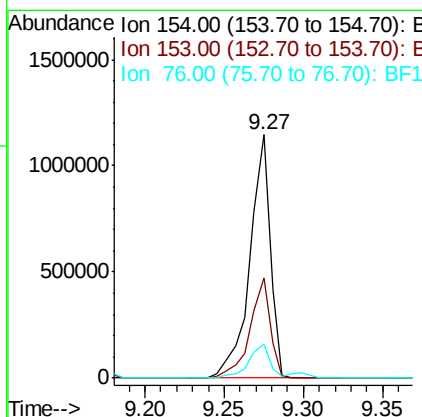
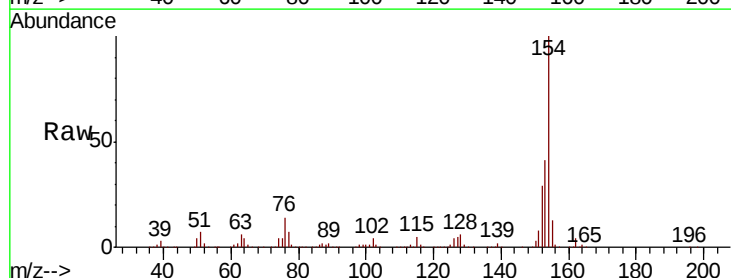
Manual Integrations
APPROVED

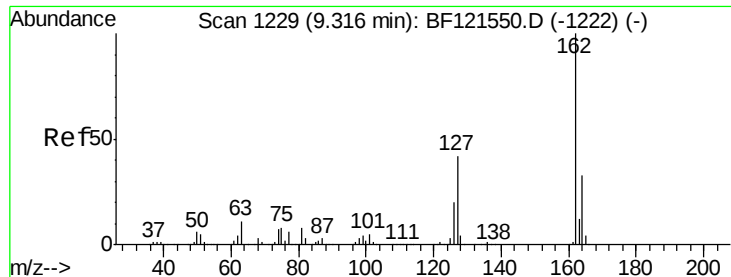
mohammad
9/24/2020 10:46:33 AM



#46
1,1'-Biphenyl
Concen: 44.478 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	13.7	0.0	34.1





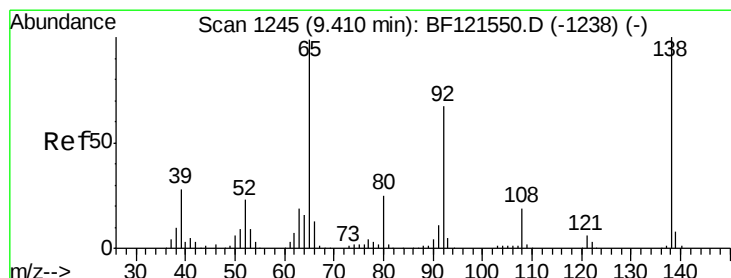
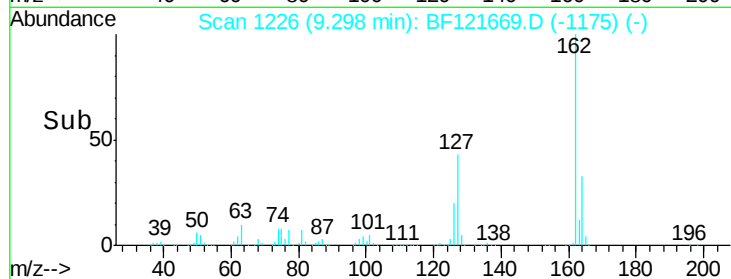
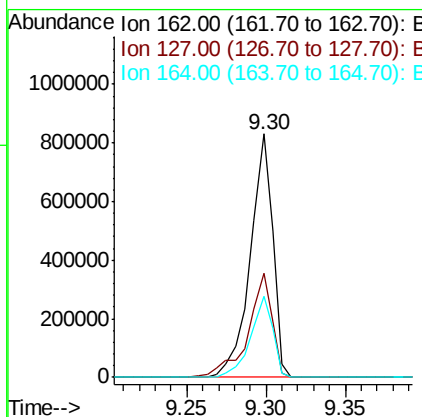
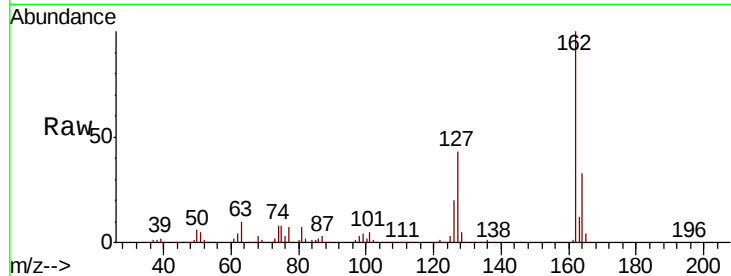
#47
2-Chloronaphthalene
Concen: 44.723 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	34.2	51.4	
164	33.1	27.0	40.4	

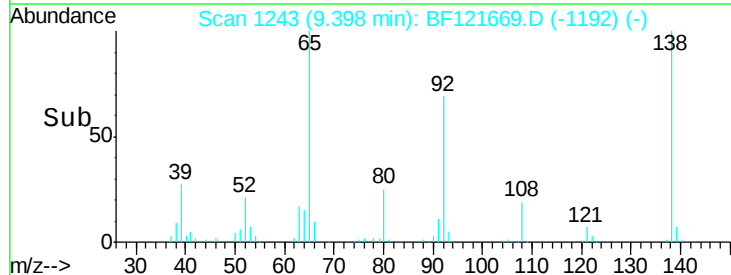
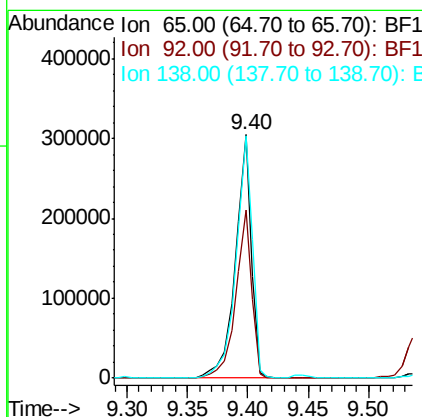
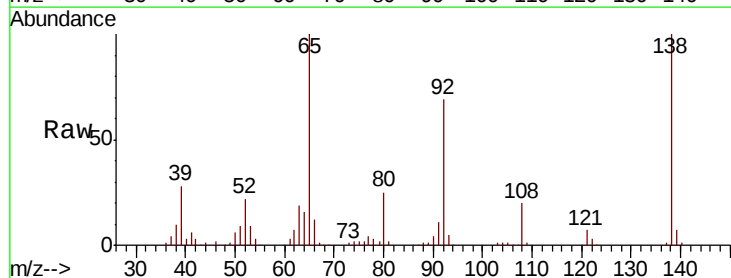
Manual Integrations
APPROVED

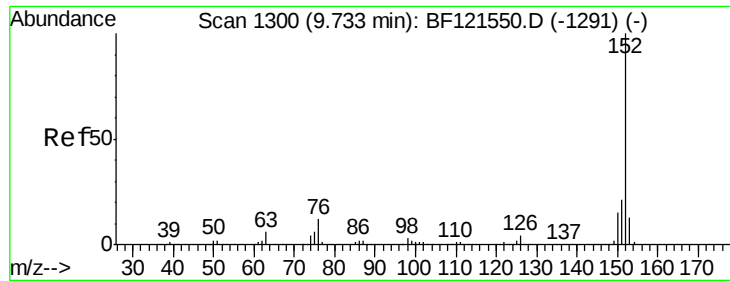
mohammad
9/24/2020 10:46:33 AM



#48
2-Nitroaniline
Concen: 49.622 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.9	56.0	84.0	
138	99.7	84.7	127.1	





#49

Acenaphthylene

Concen: 44.893 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

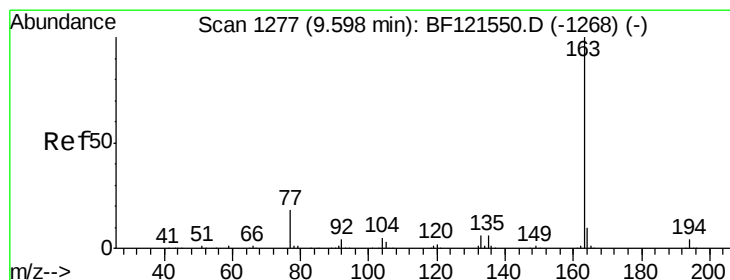
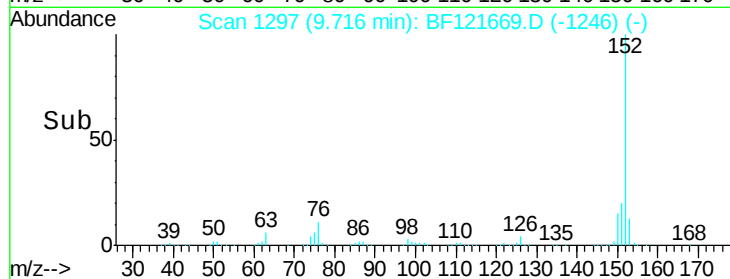
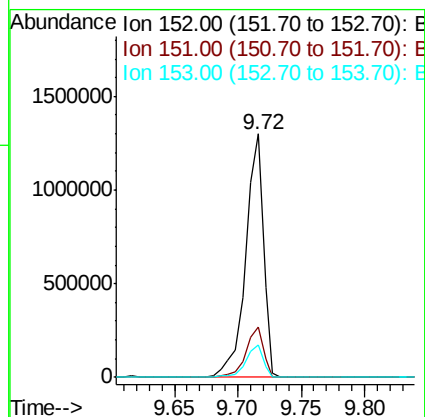
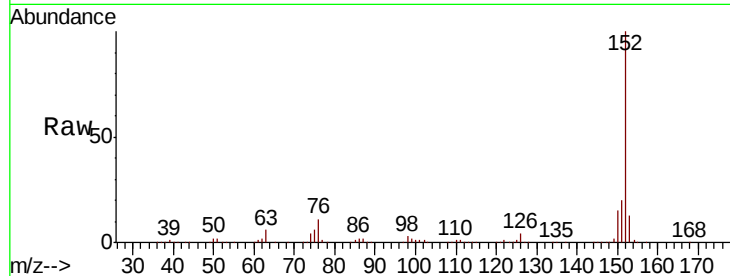
ClientSampleId :

PB131842BS

Tot Ion:	152	Resp:	1256597
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#50

Dimethylphthalate

Concen: 45.635 ng

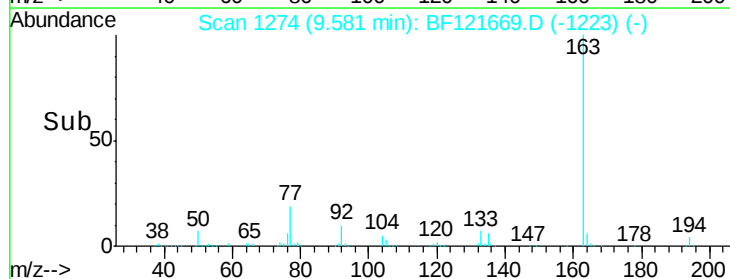
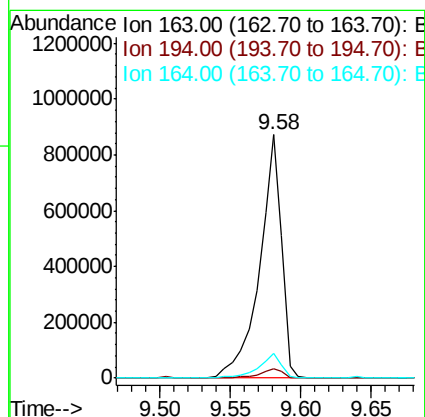
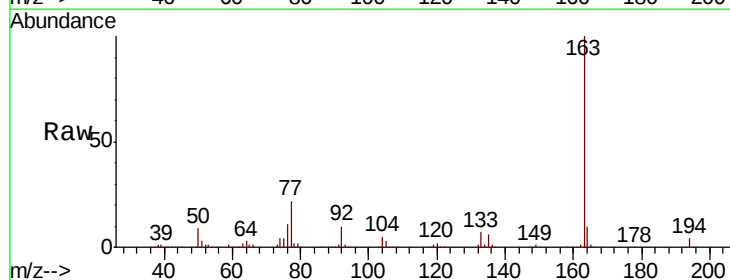
RT: 9.58 min Scan# 1274

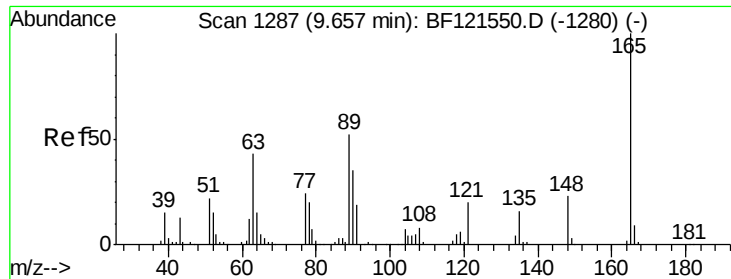
Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:	163	Resp:	955134
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.0	12.0





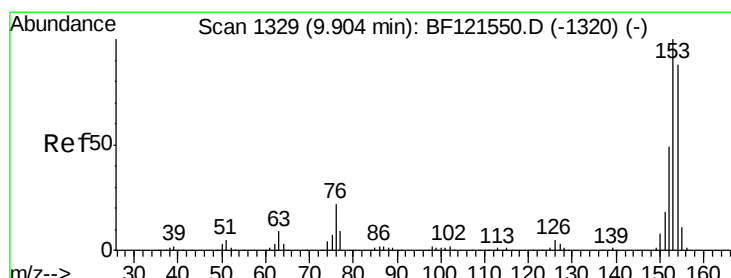
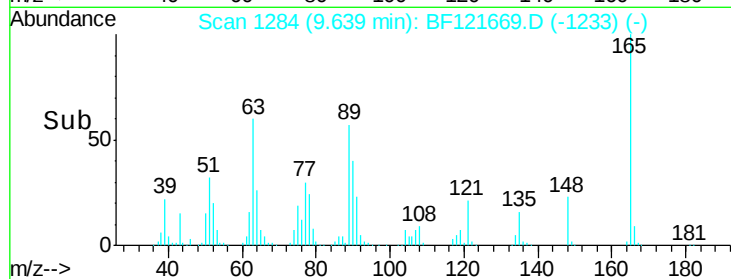
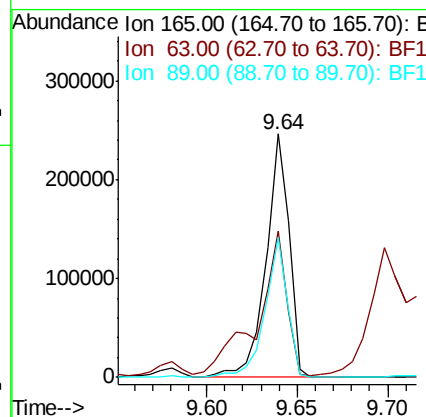
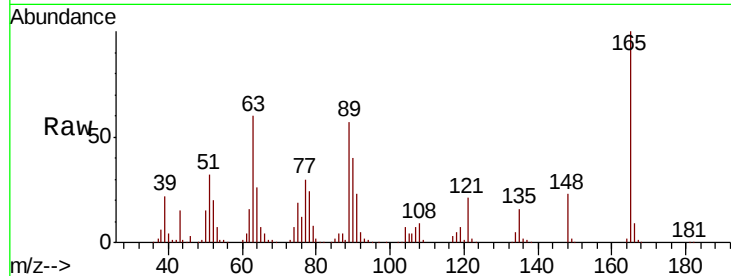
#51
2,6-Dinitrotoluene
Concen: 49.238 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	219474		
63	60.1	47.6	71.4	
89	57.2	46.0	69.0	

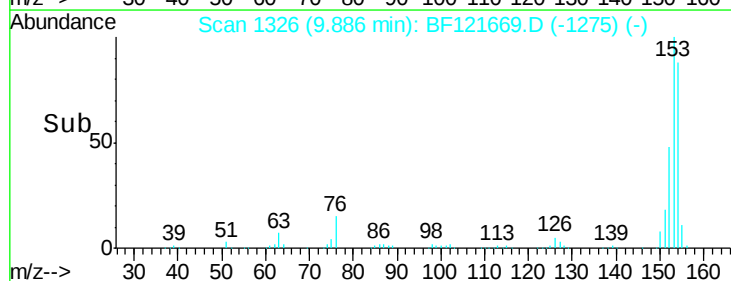
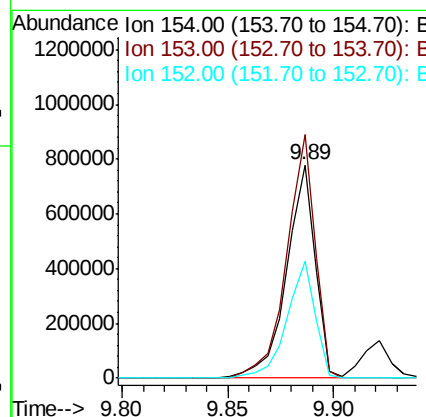
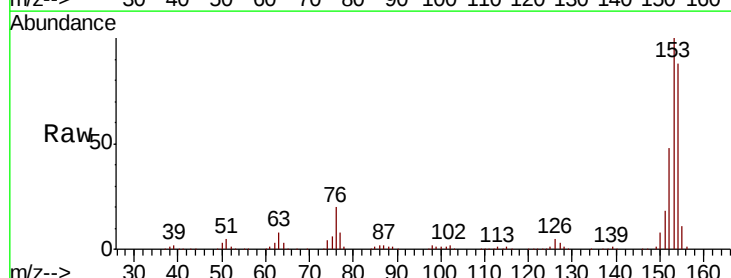
Manual Integrations
APPROVED

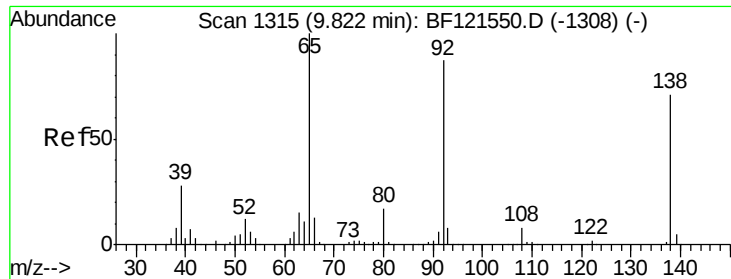
mohammad
9/24/2020 10:46:33 AM



#52
Acenaphthene
Concen: 41.906 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	740880		
153	114.1	89.9	134.9	
152	54.7	43.8	65.6	





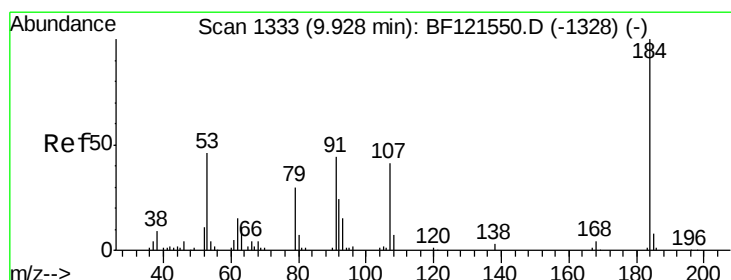
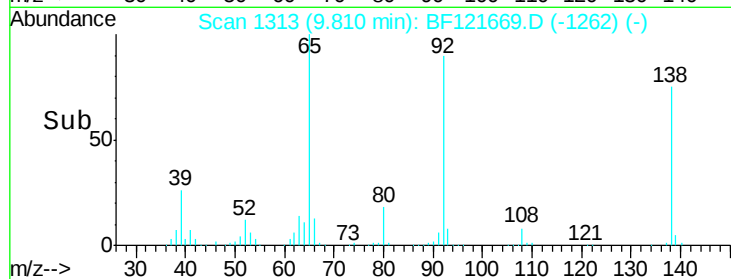
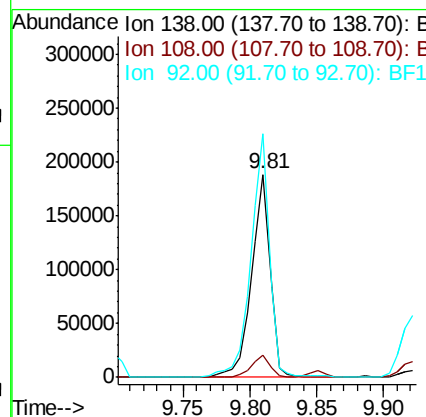
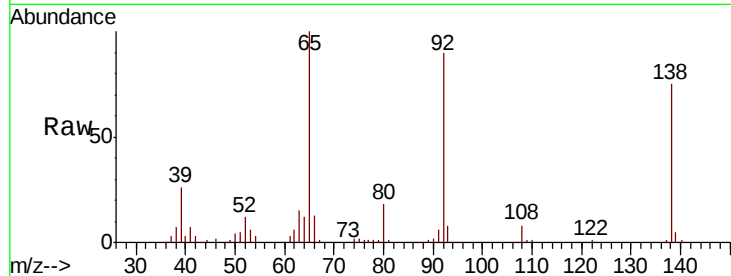
#53
3-Nitroaniline
Concen: 34.834 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	119.9	96.5	144.7

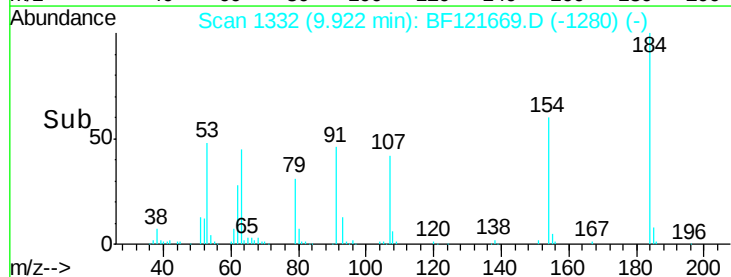
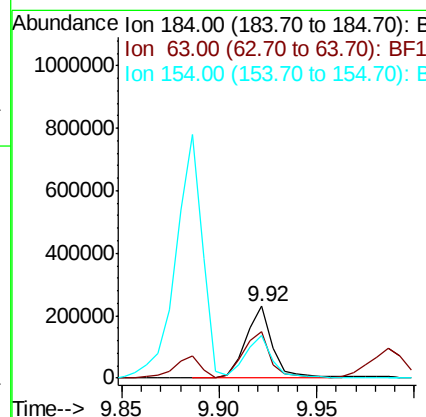
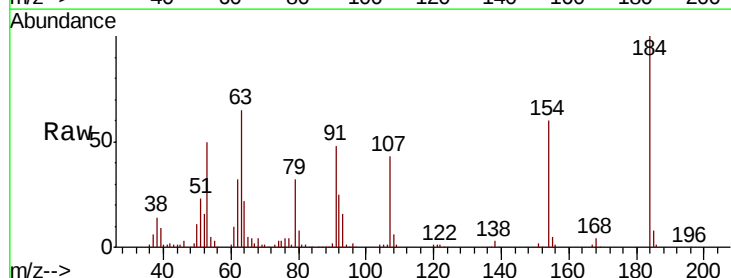
Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



#54
2,4-Dinitrophenol
Concen: 84.982 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	51.5	77.3
154	60.4	46.6	70.0





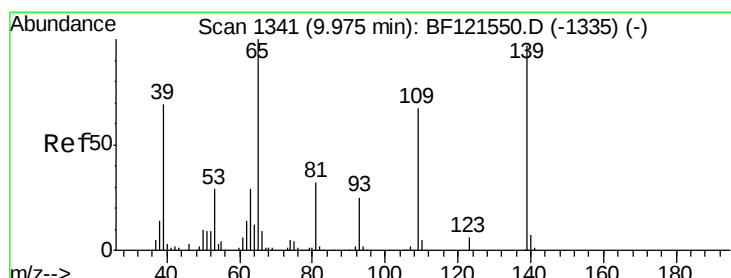
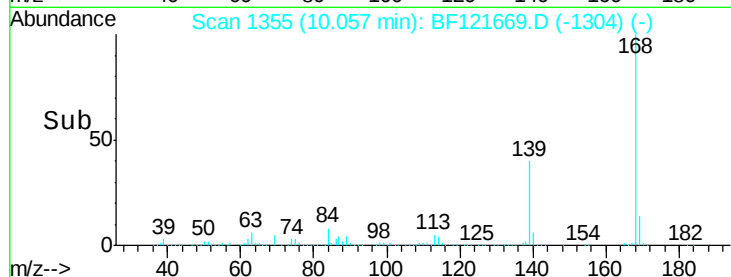
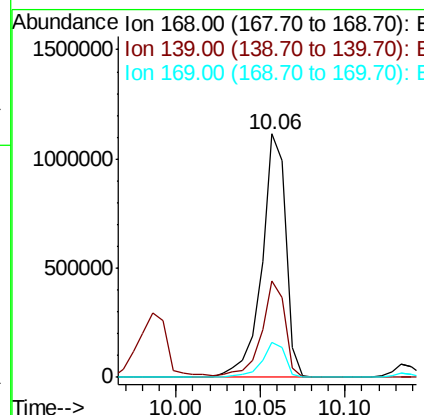
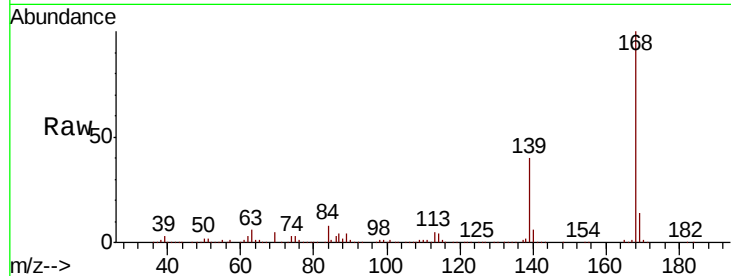
#55
Dibenzofuran
Concen: 44.071 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.8
169	14.4	11.6	17.4

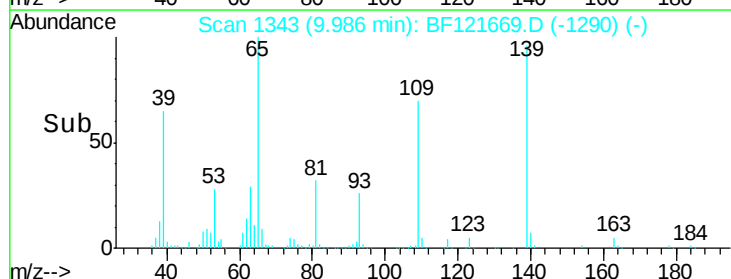
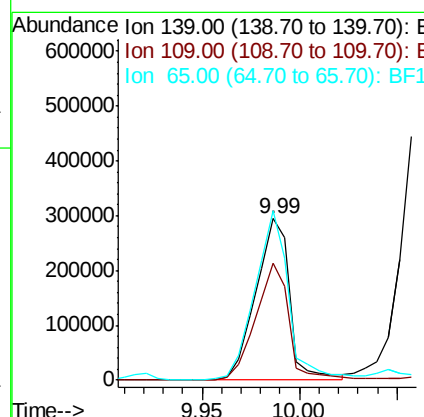
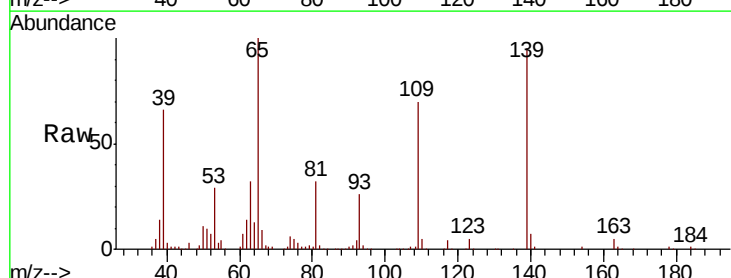
Manual Integrations
APPROVED

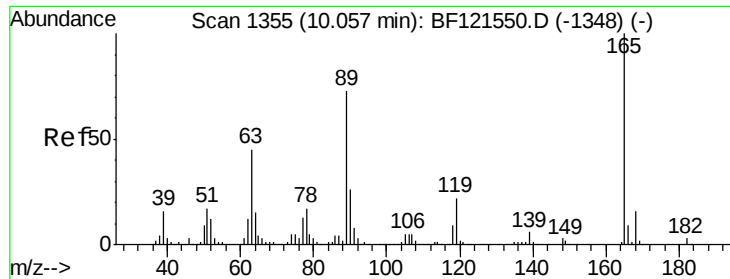
mohammad
9/24/2020 10:46:33 AM



#56
4-Nitrophenol
Concen: 85.967 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	48.1	88.1
65	104.7	74.7	114.7





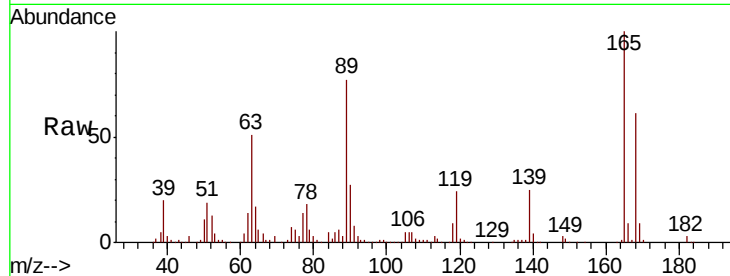
#57
2,4-Dinitrotoluene
Concen: 51.961 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	291382		
63	50.7	36.7	55.1	
89	76.7	57.7	86.5	
182	2.9	2.1	3.1	

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM

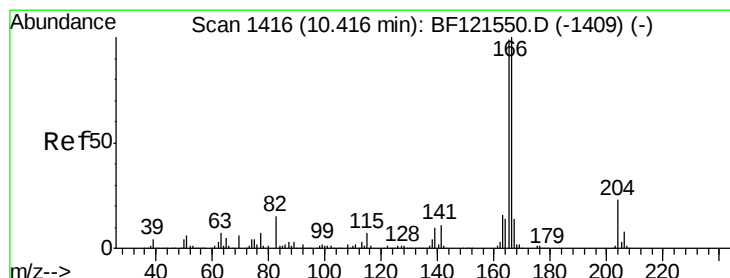
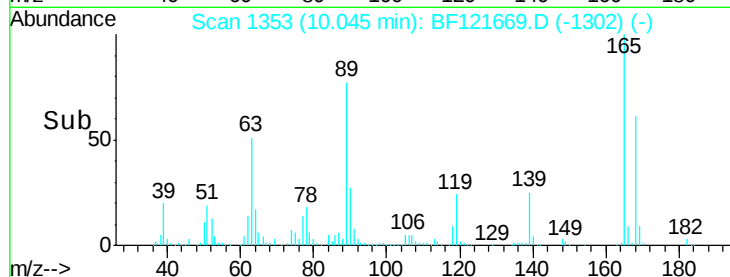
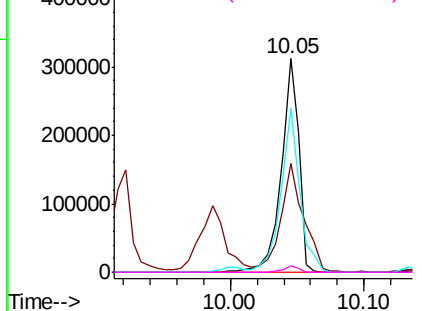


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

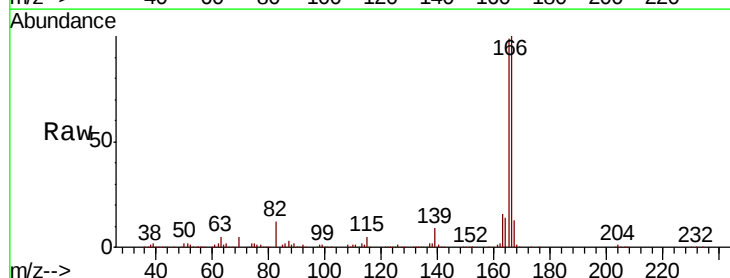
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.033 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

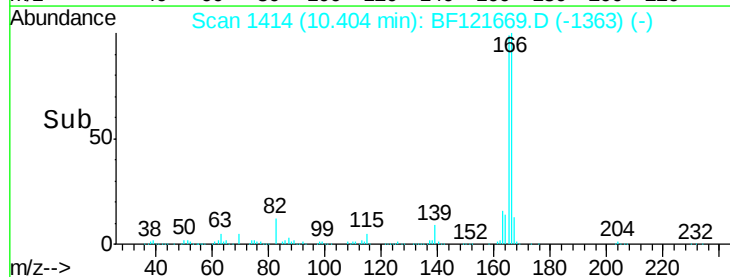
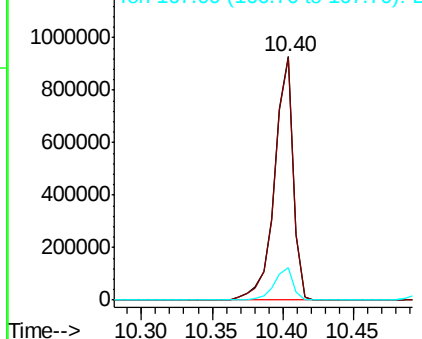
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	857417		
165	99.5	80.1	120.1	
167	13.4	10.8	16.2	



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





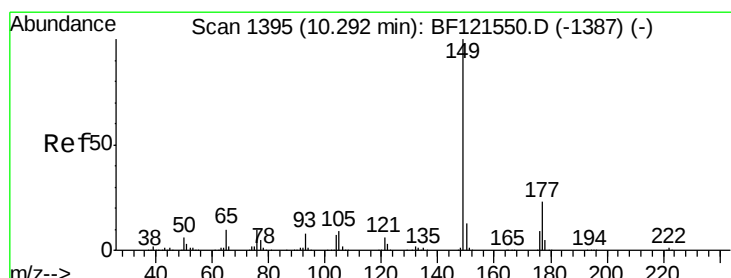
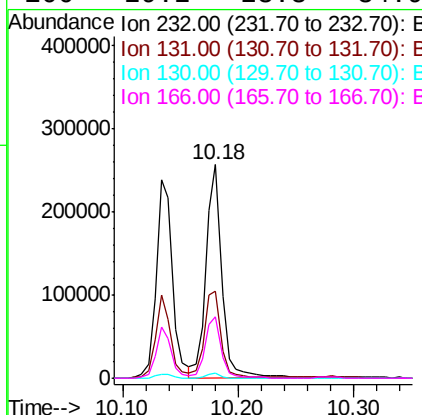
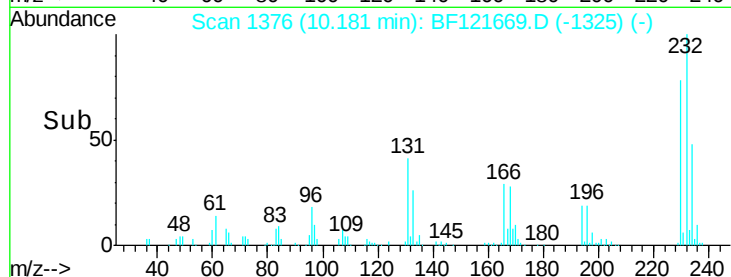
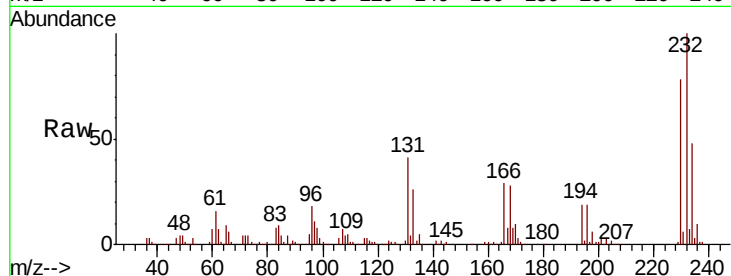
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.568 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246073		
131	42.7		35.1	52.7
130	2.1		1.6	2.4
166	29.2		23.3	34.9

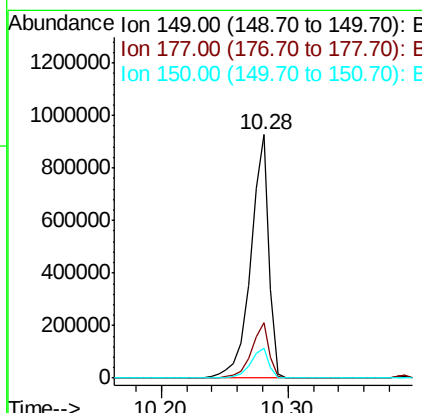
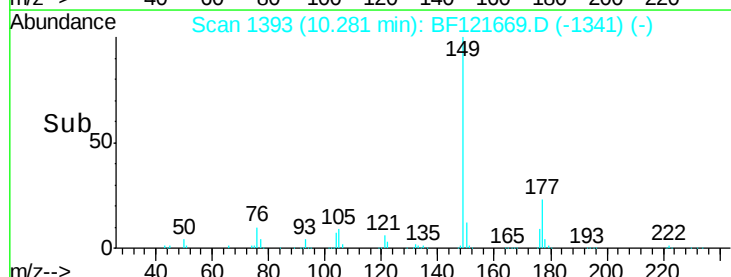
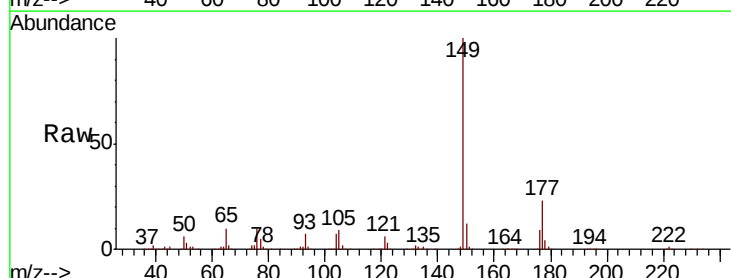
Manual Integrations
 APPROVED

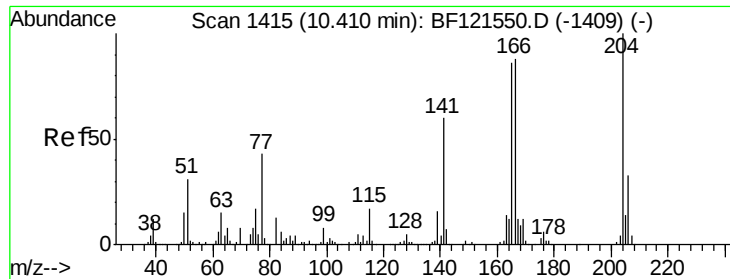
mohammad
 9/24/2020 10:46:33 AM



#60
 Diethylphthalate
 Concen: 45.074 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	919798		
177	22.6		18.1	27.1
150	12.5		9.8	14.8





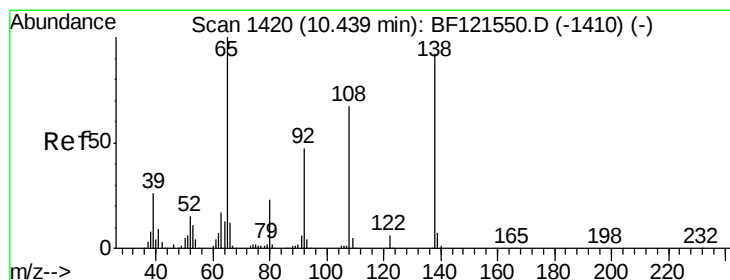
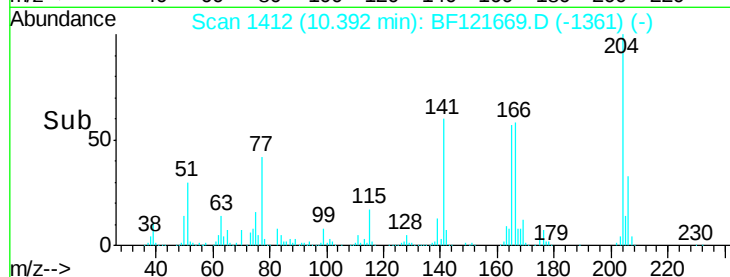
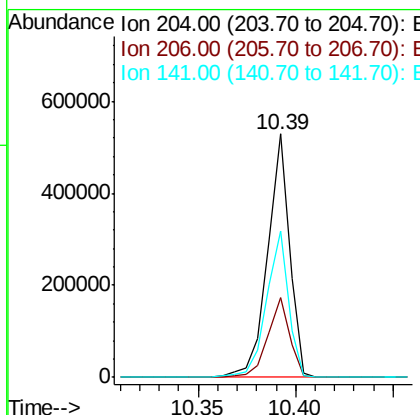
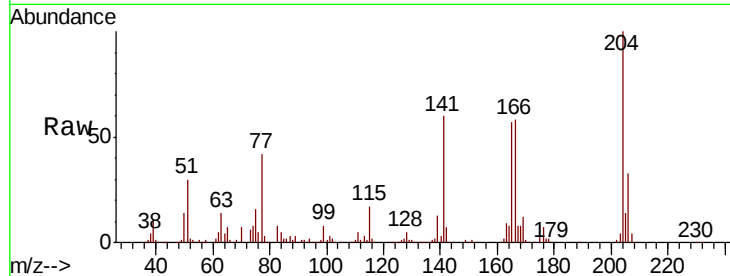
#61
4-Chlorophenyl-phenylether
Concen: 45.403 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	59.9	50.4	75.6

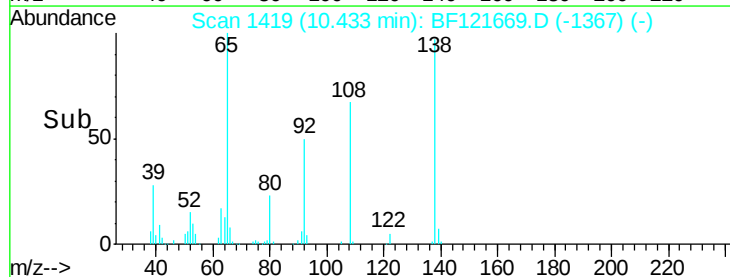
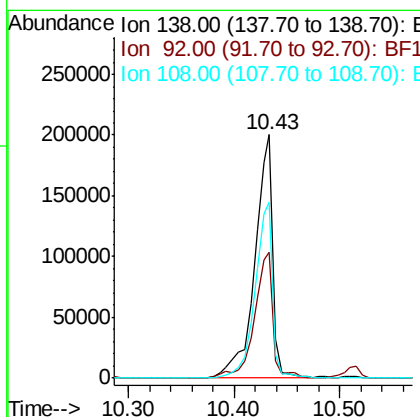
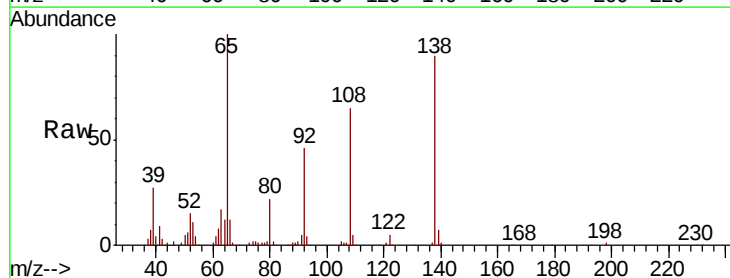
Manual Integrations
APPROVED

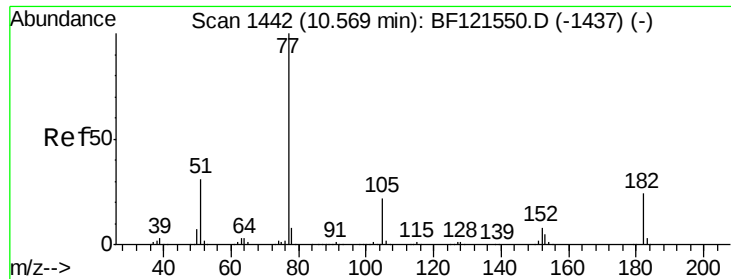
mohammad
9/24/2020 10:46:33 AM



#62
4-Nitroaniline
Concen: 47.217 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	34.8	74.8
108	72.2	55.5	95.5





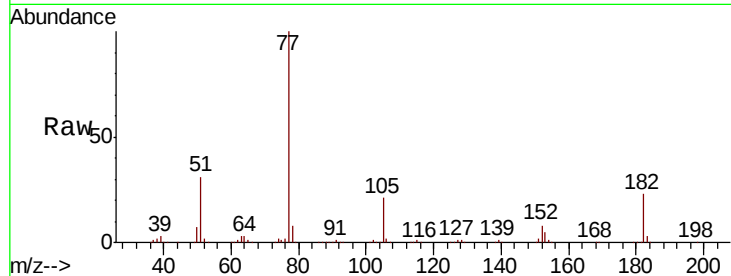
#63
Azobenzene
Concen: 43.218 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.3	6.8	46.8	
105	21.4	2.2	42.2	
51	31.5	10.7	50.7	

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



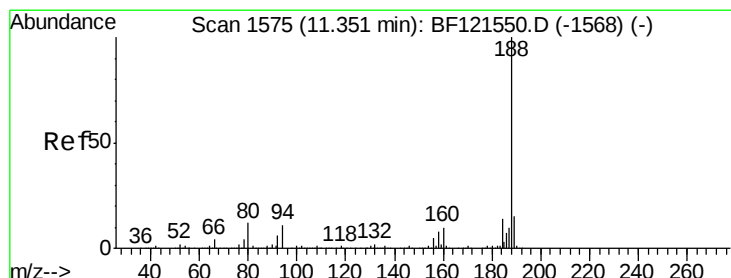
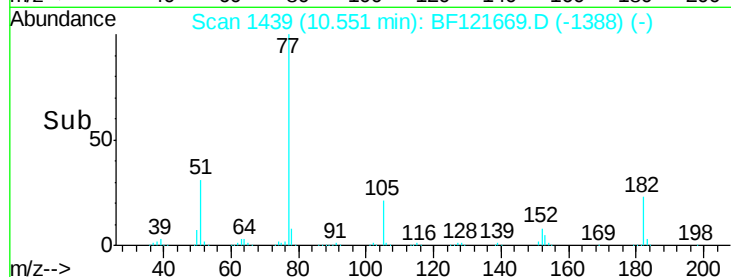
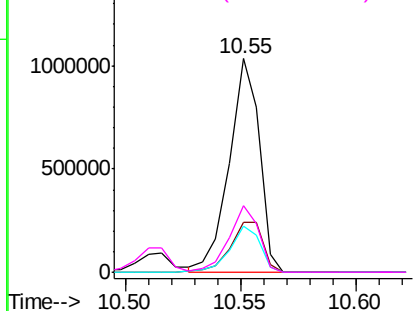
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

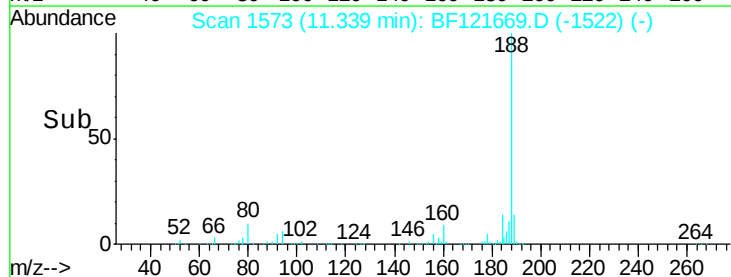
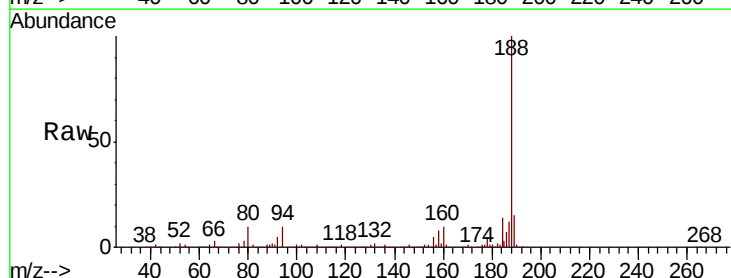
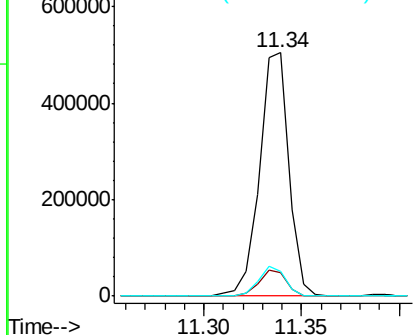
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	8.4	12.6	
80	10.4	9.0	13.4	

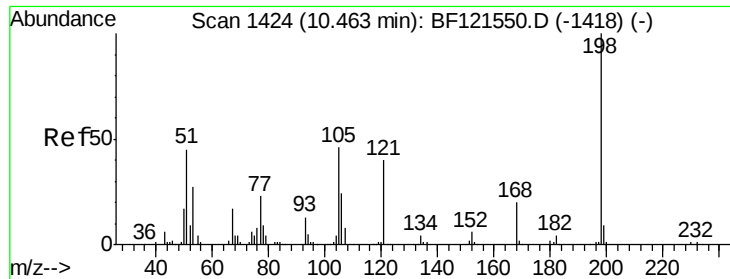
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





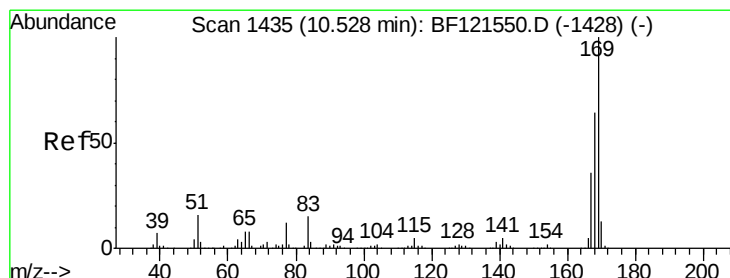
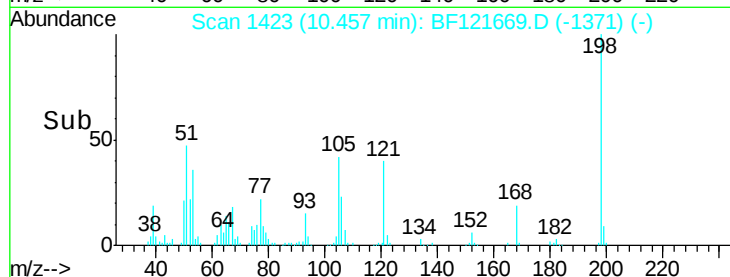
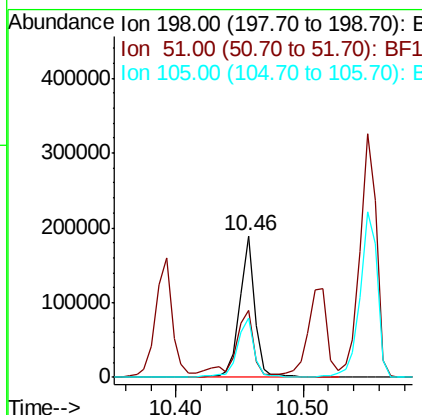
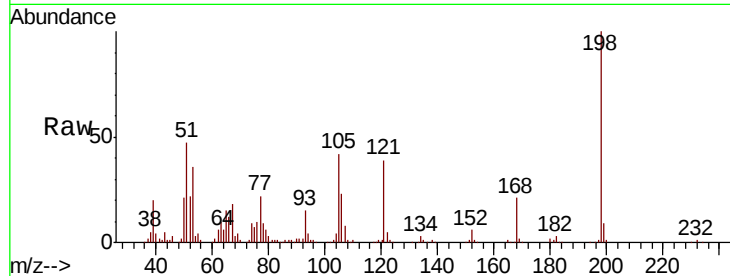
#65
4,6-Dinitro-2-methylphenol
Concen: 48.125 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.2	20.3	60.3
105	42.0	20.2	60.2

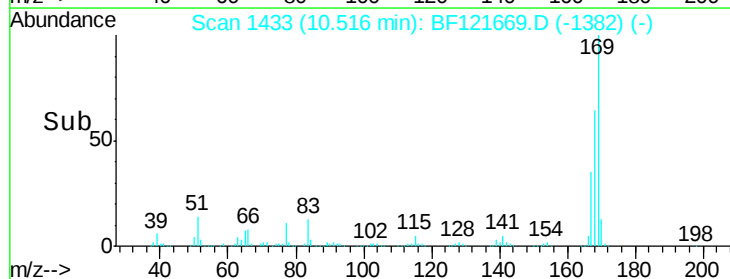
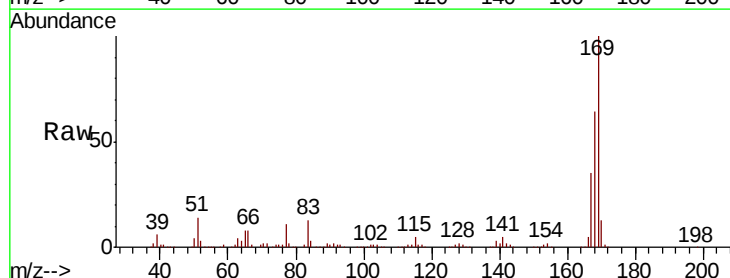
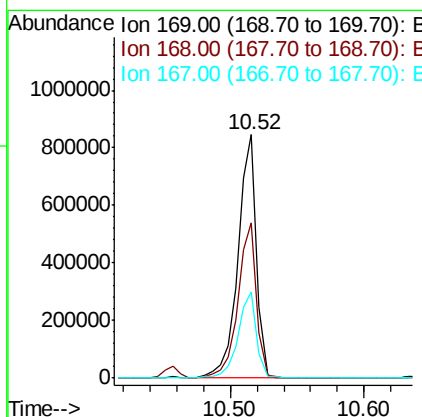
Manual Integrations
APPROVED

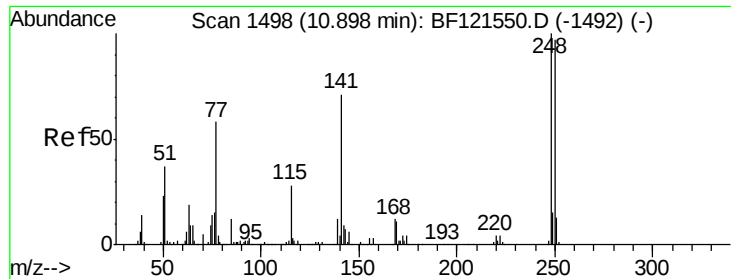
mohammad
9/24/2020 10:46:33 AM



#66
n-Nitrosodiphenylamine
Concen: 45.401 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	51.8	77.8
167	35.3	28.4	42.6





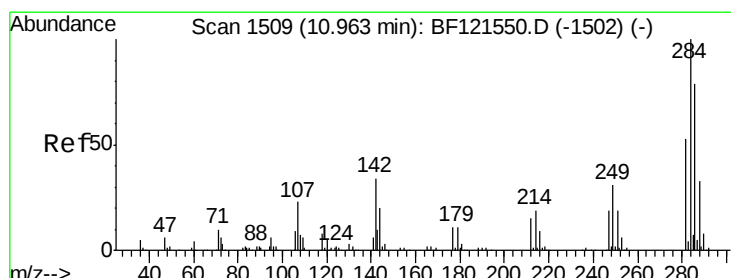
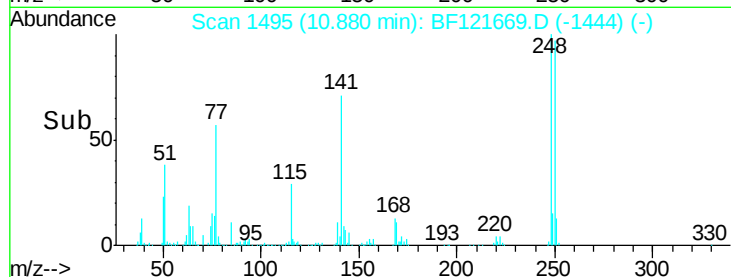
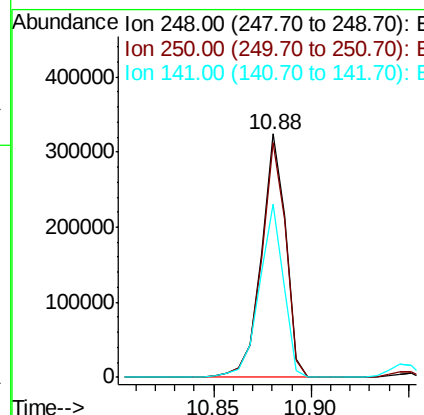
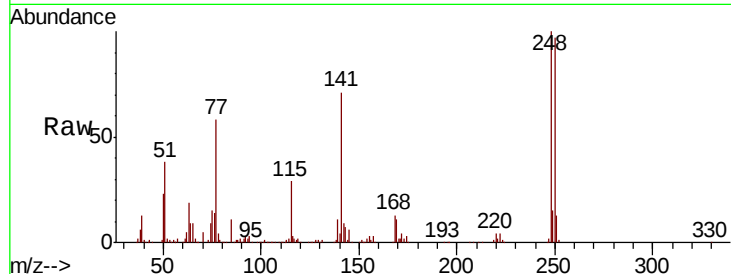
#67
4-Bromophenyl-phenylether
Concen: 46.863 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.0
141	71.3	52.2	78.4

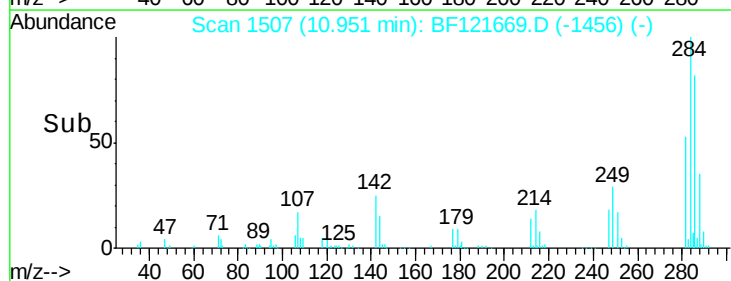
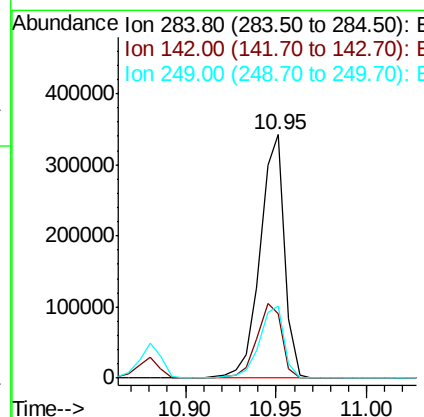
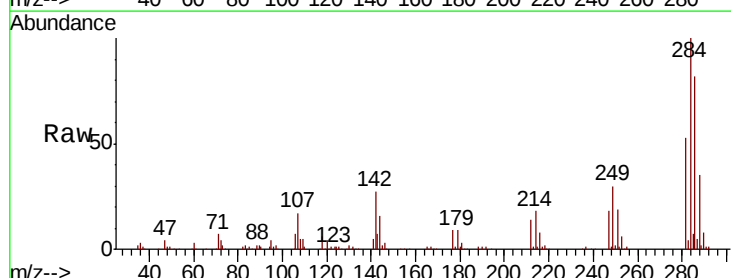
Manual Integrations
APPROVED

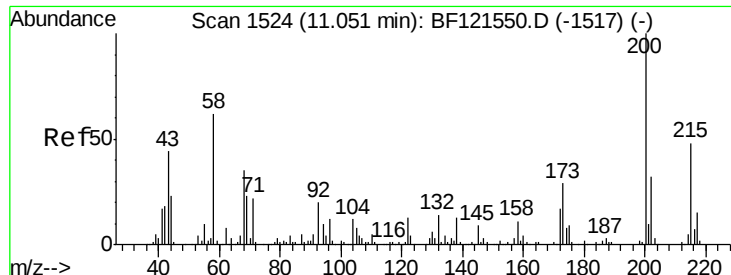
mohammad
9/24/2020 10:46:33 AM



#68
Hexachlorobenzene
Concen: 47.489 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	24.0	36.0
249	29.7	23.9	35.9





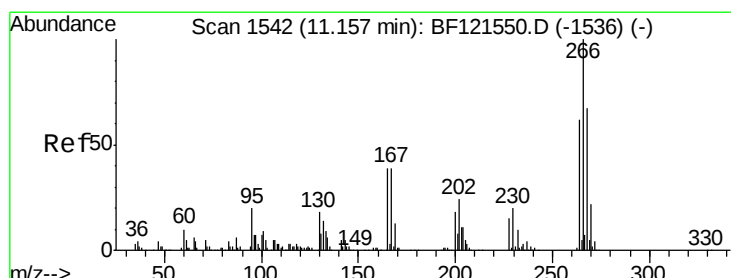
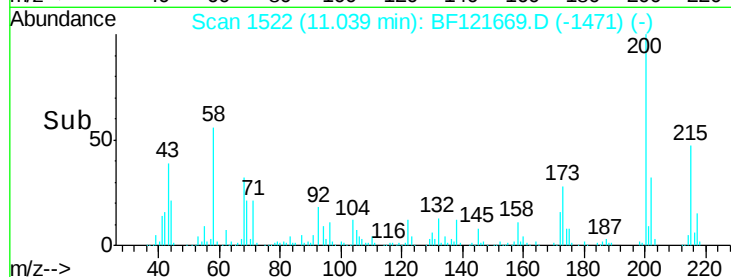
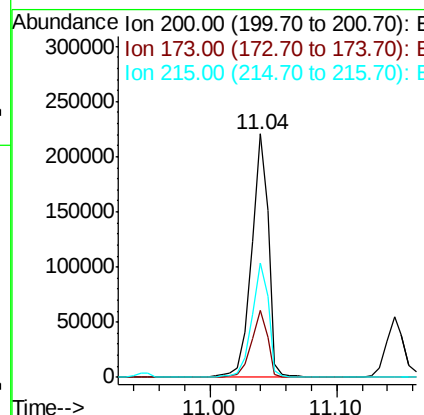
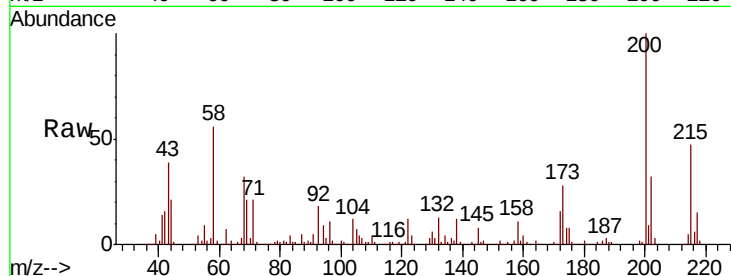
#69
Atrazine
Concen: 45.252 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.0	46.0
215	47.1	28.4	68.4

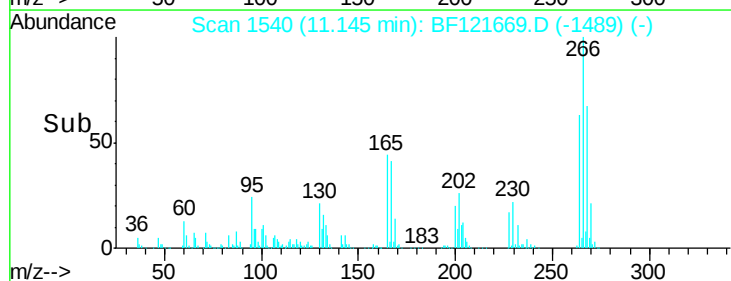
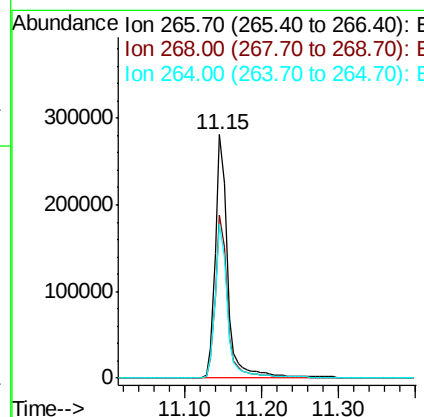
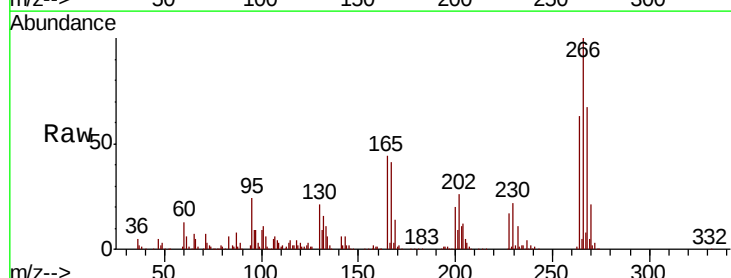
Manual Integrations
APPROVED

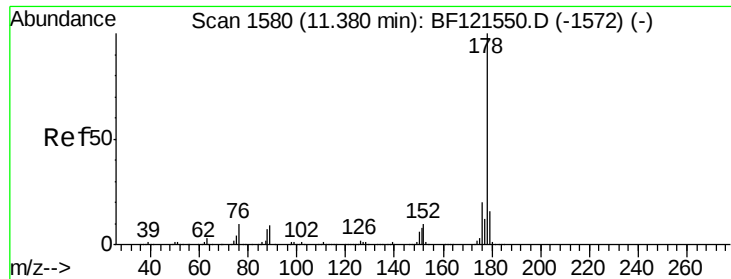
mohammad
9/24/2020 10:46:33 AM



#70
Pentachlorophenol
Concen: 84.697 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	54.6	81.8
264	63.2	51.1	76.7





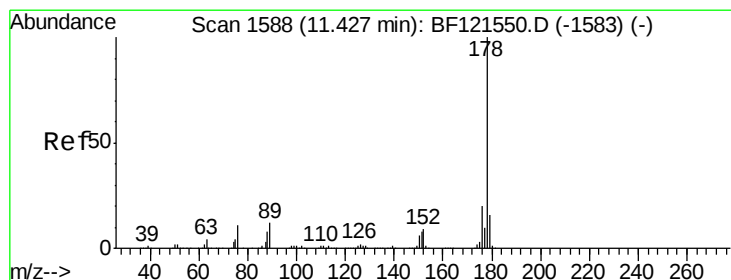
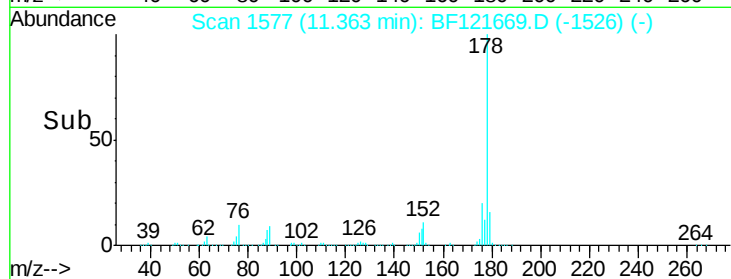
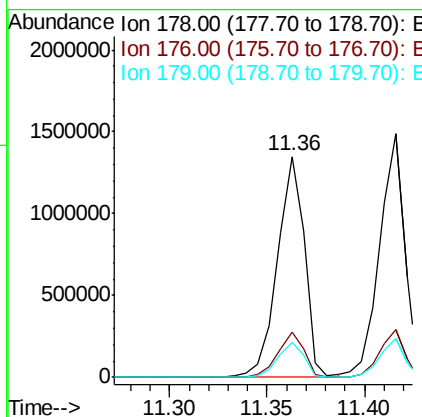
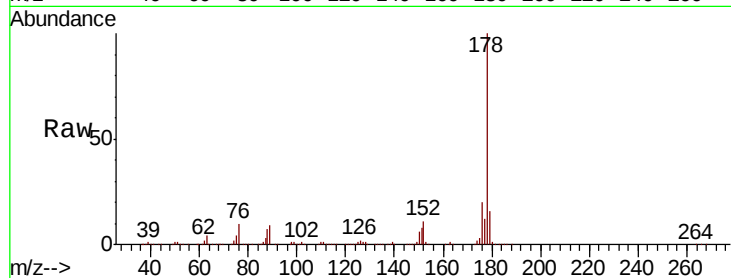
#71
Phenanthrene
Concen: 45.552 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	15.9	12.6	18.8

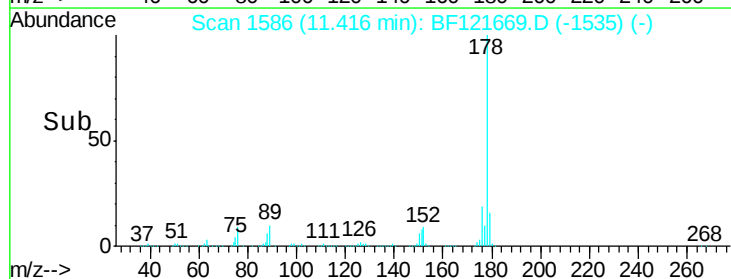
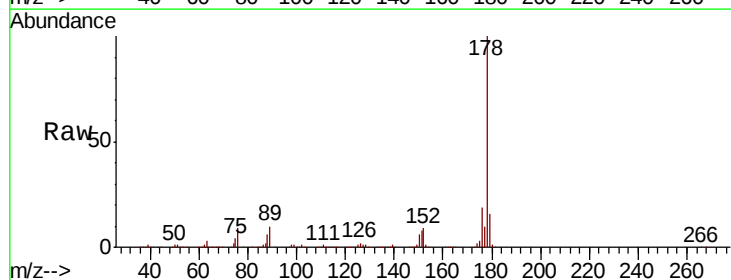
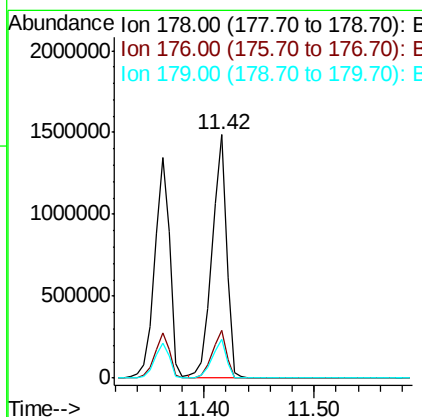
Manual Integrations
APPROVED

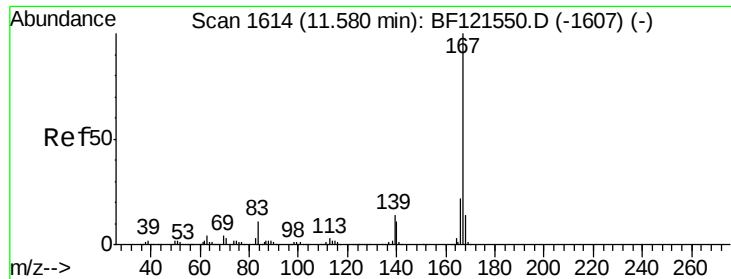
mohammad
9/24/2020 10:46:33 AM



#72
Anthracene
Concen: 45.284 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	12.6	19.0





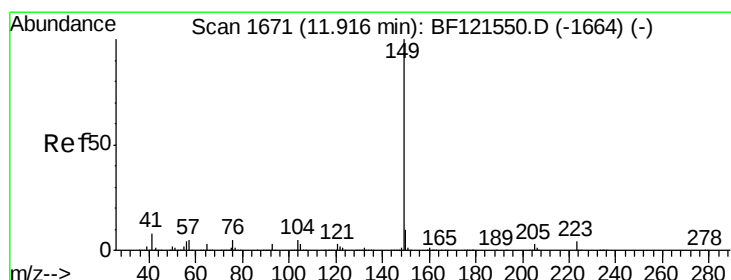
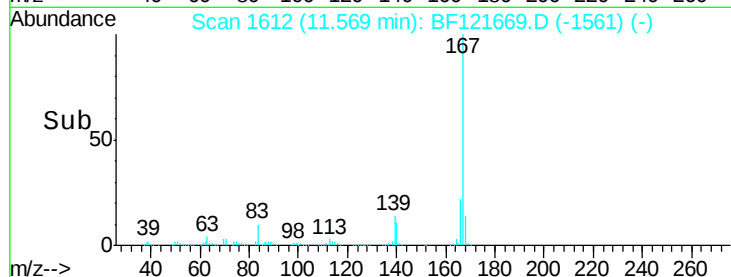
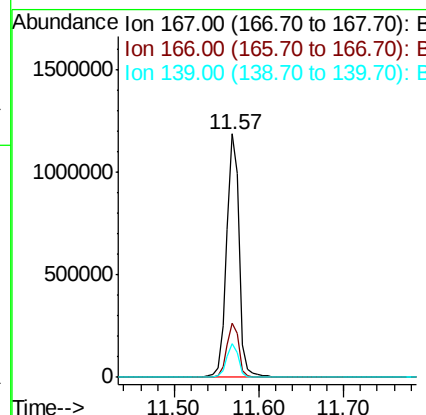
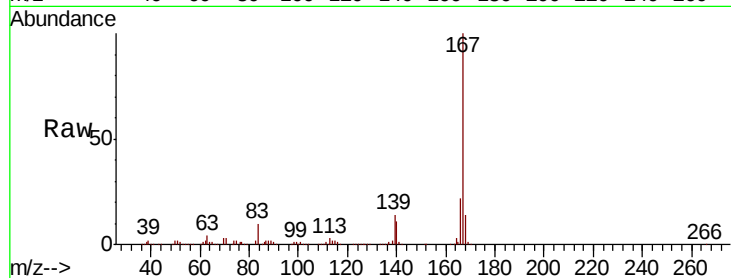
#73
 Carbazole
 Concen: 46.273 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.8	10.9	16.3

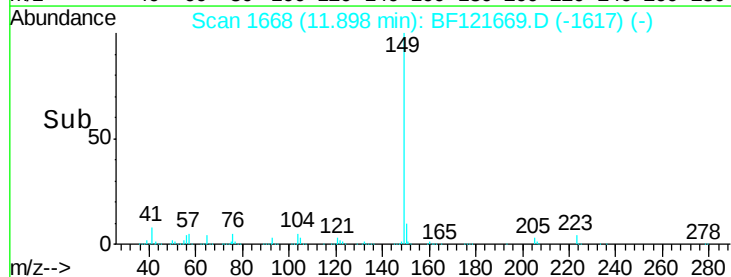
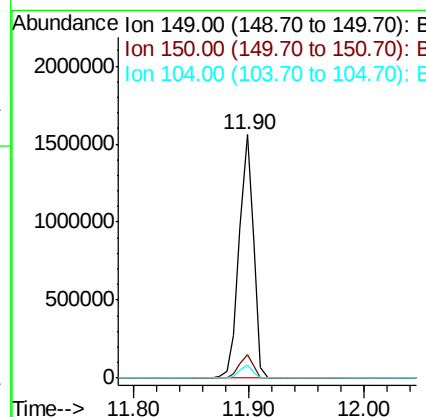
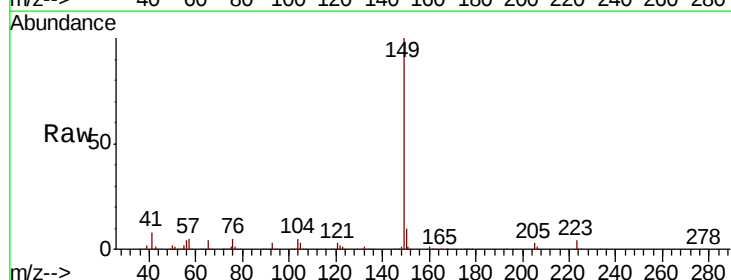
Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:33 AM



#74
 Di-n-butylphthalate
 Concen: 43.857 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.2	4.2	6.2





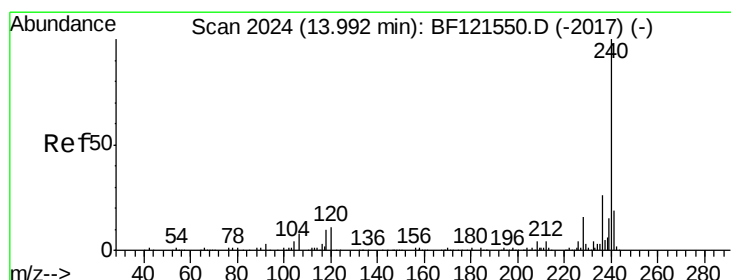
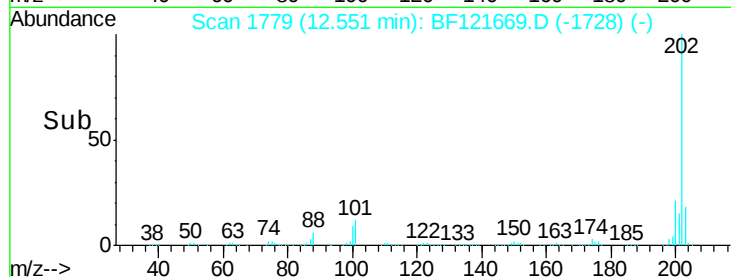
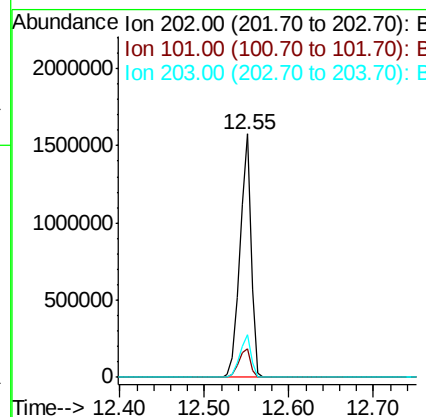
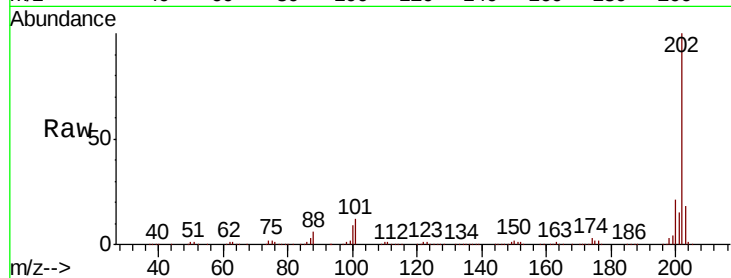
#75
 Fluoranthene
 Concen: 46.085 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1407157		
101	11.8	0.0	31.9	
203	17.8	0.0	37.8	

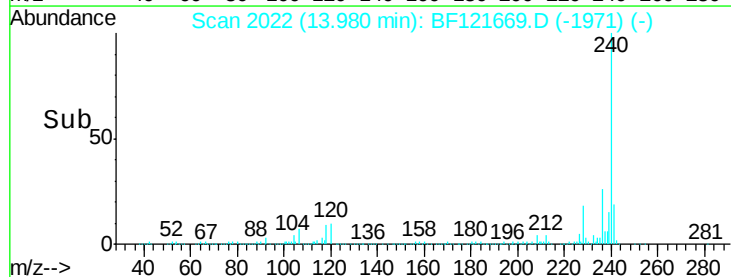
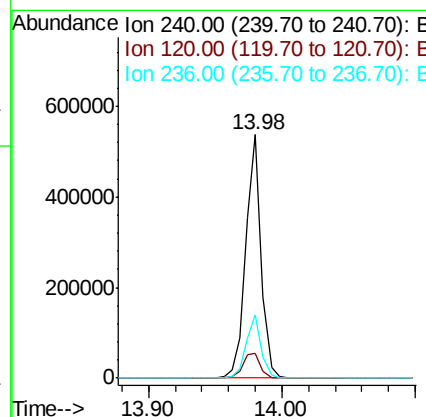
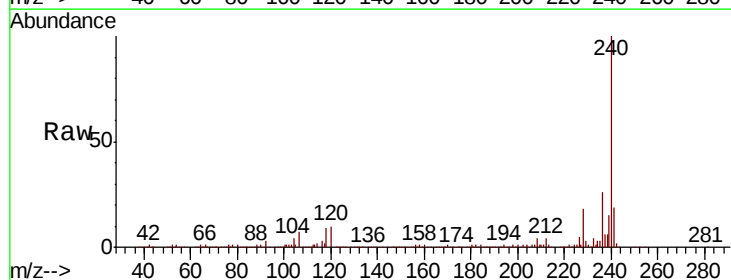
Manual Integrations
 APPROVED

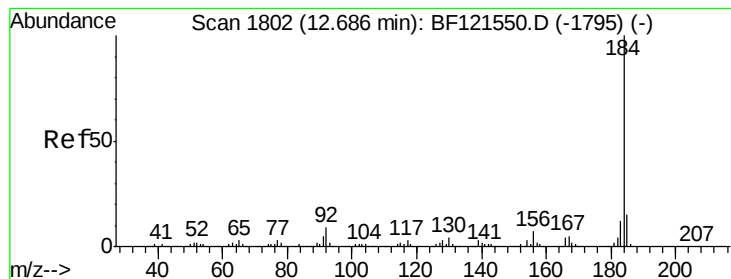
mohammad
 9/24/2020 10:46:33 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	427038		
120	10.3	9.2	13.8	
236	25.8	20.4	30.6	





#77

Benzidine

Concen: 52.630 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

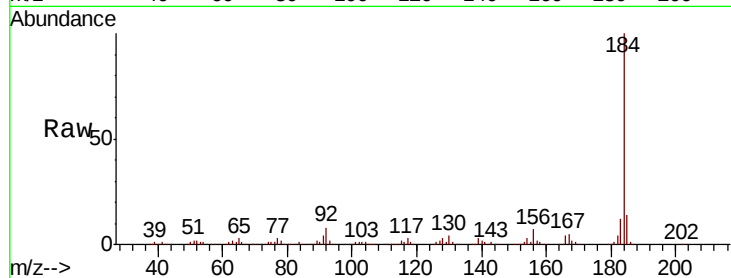
ClientSampleId :

PB131842BS

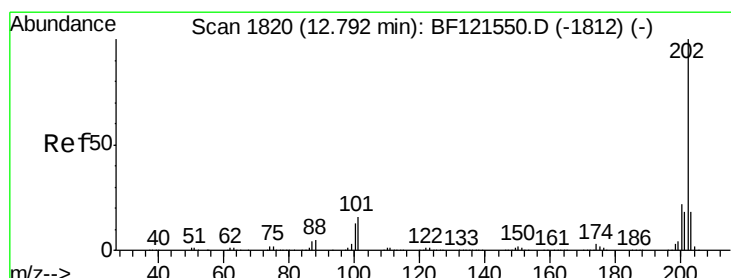
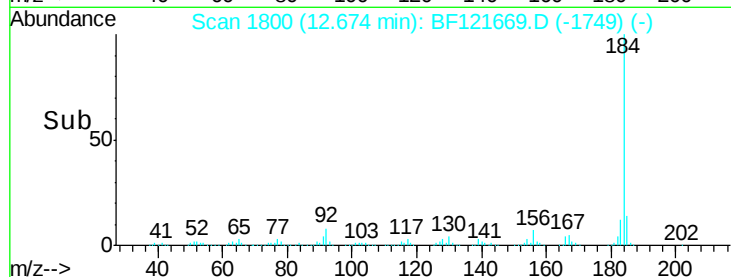
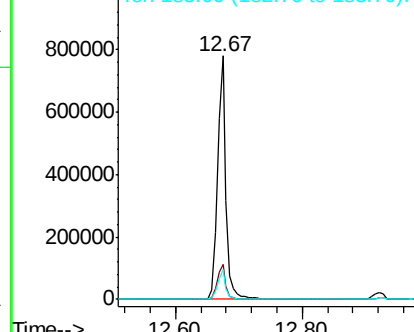
Tot Ion:	184	Resp:	745086
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.5	17.3
183	12.2	9.6	14.4

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.118 ng

RT: 12.78 min Scan# 1818

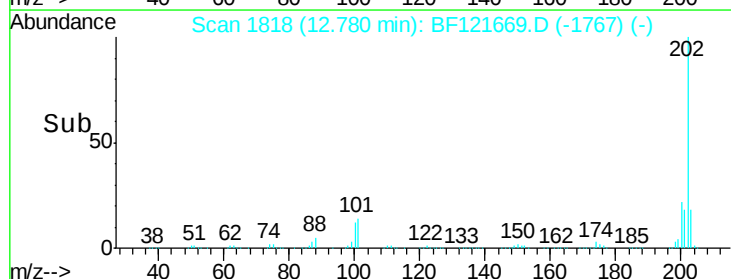
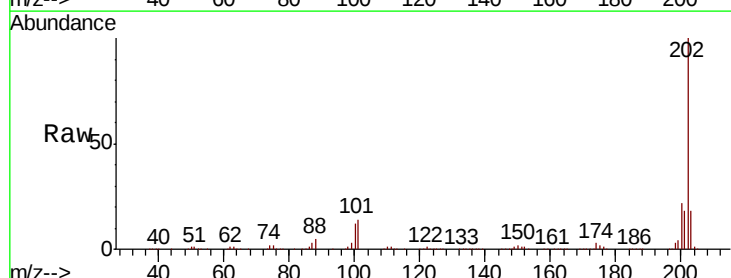
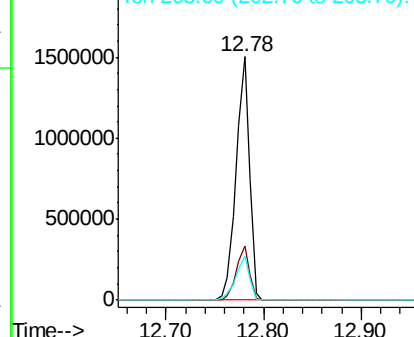
Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:	202	Resp:	1438920
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.8	26.6
203	17.8	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





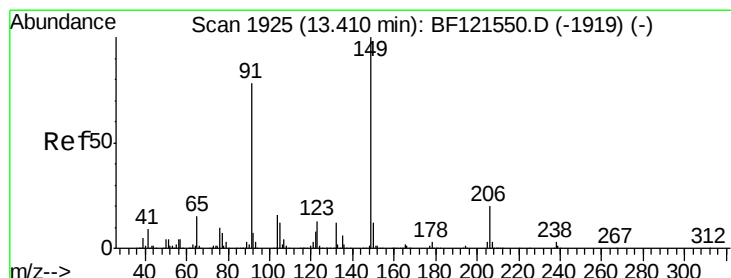
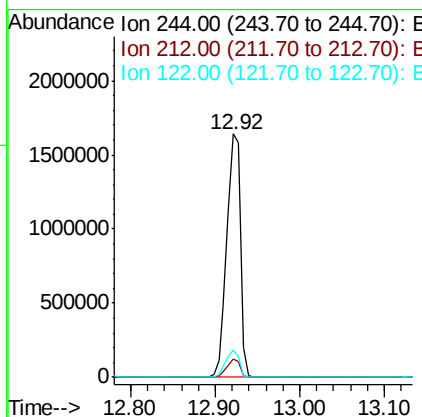
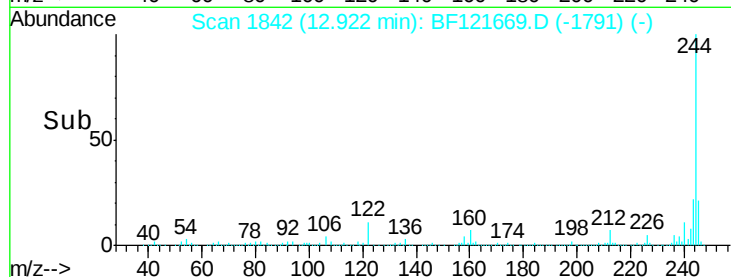
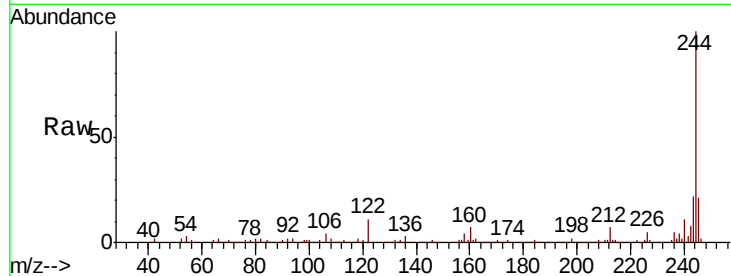
#79
 Terphenyl-d14
 Concen: 87.048 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	11.2	7.4	11.0

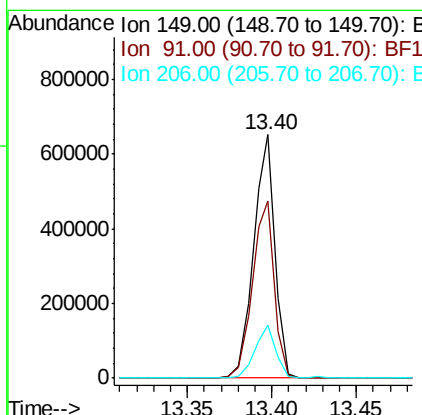
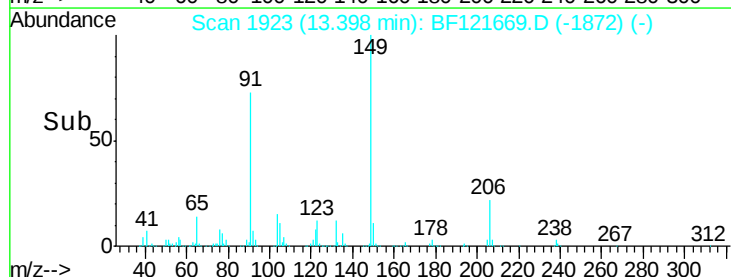
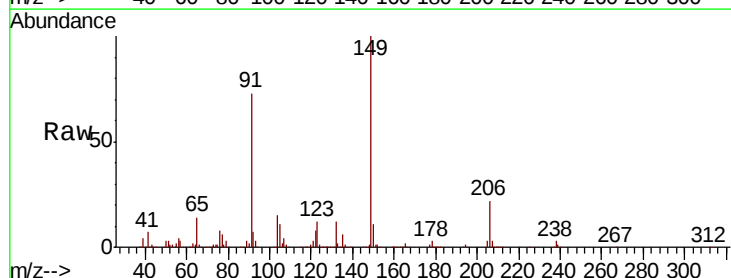
Manual Integrations
 APPROVED

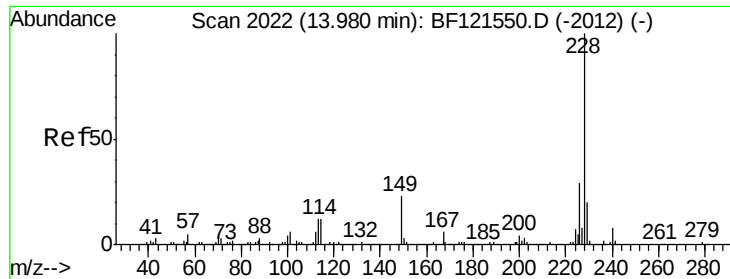
mohammad
 9/24/2020 10:46:33 AM



#80
 Butylbenzylphthalate
 Concen: 45.458 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	61.0	91.4
206	21.5	16.6	25.0





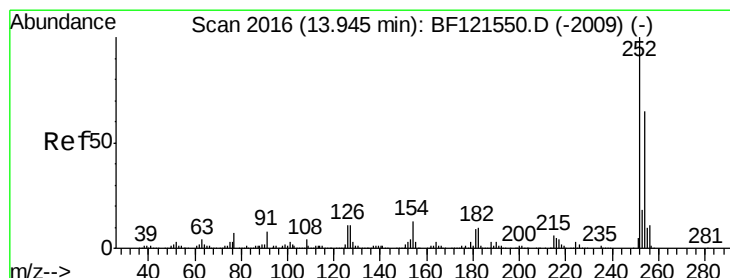
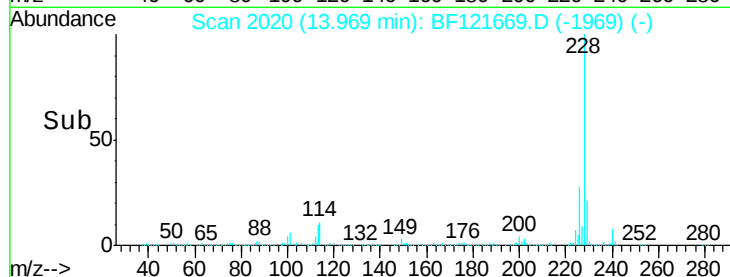
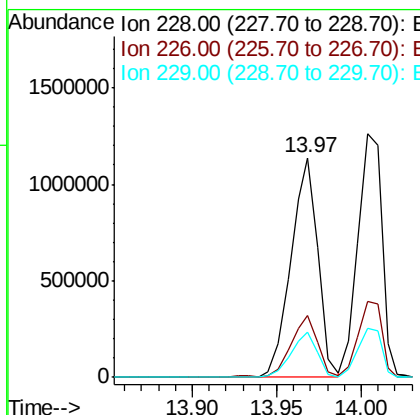
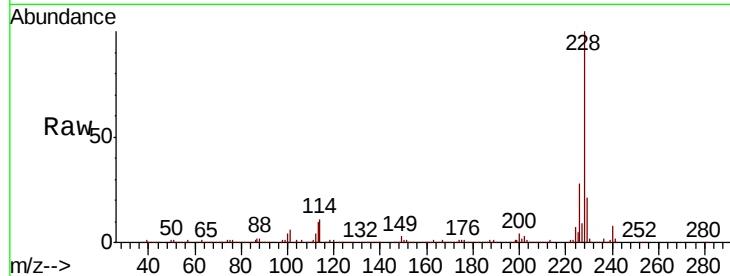
#81
Benzo(a)anthracene
Concen: 46.645 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.7	16.2	24.2

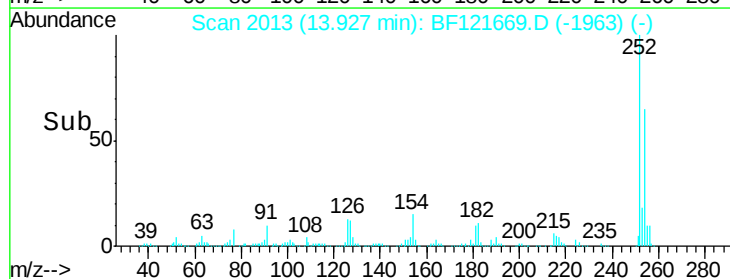
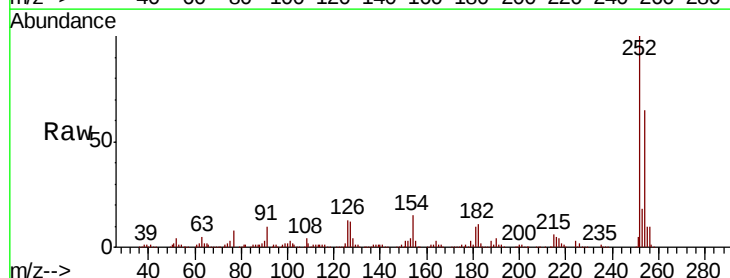
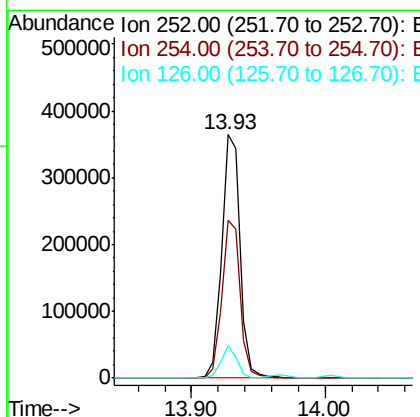
Manual Integrations
APPROVED

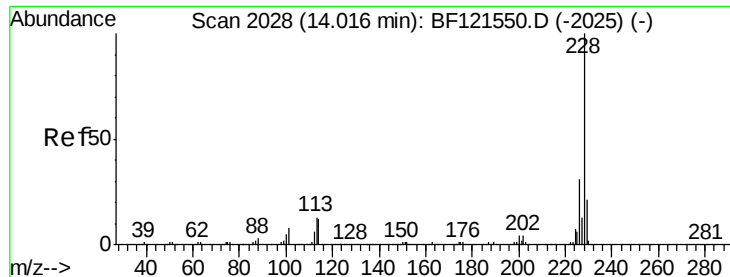
mohammad
9/24/2020 10:46:33 AM



#82
3,3'-Dichlorobenzidine
Concen: 33.713 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.4
126	13.2	8.6	13.0





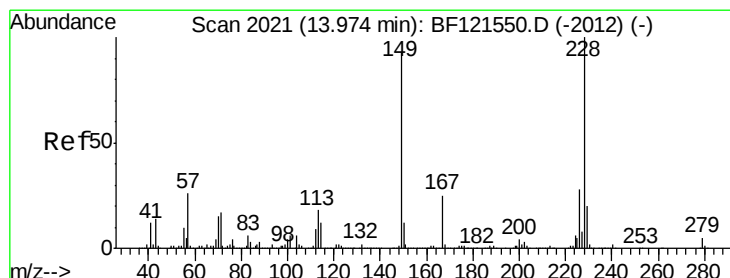
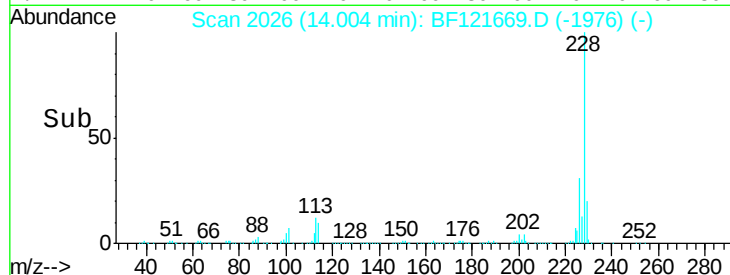
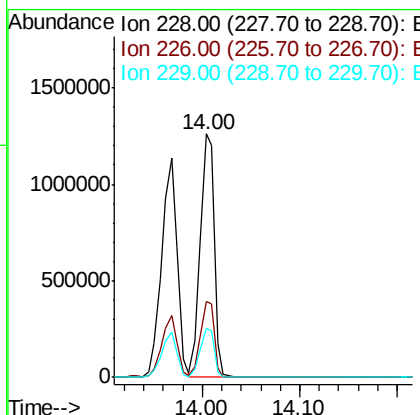
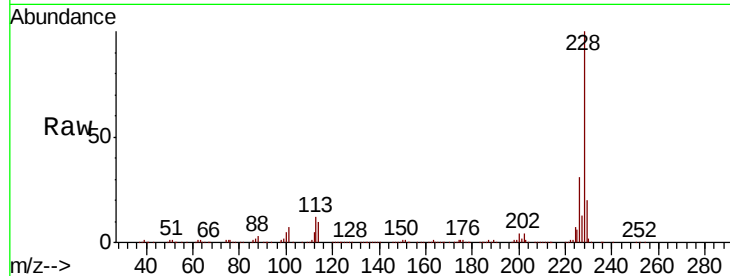
#83
 Chrysene
 Concen: 45.932 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	20.0	16.0	24.0

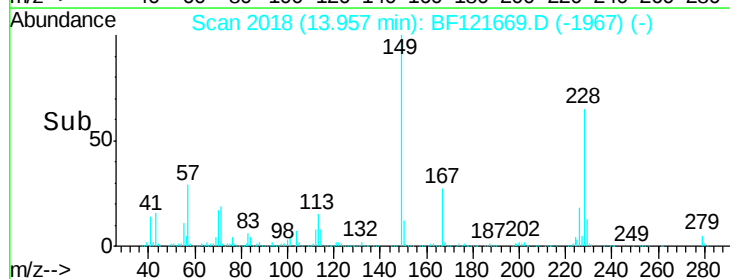
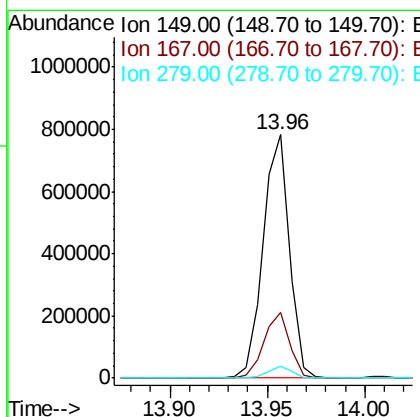
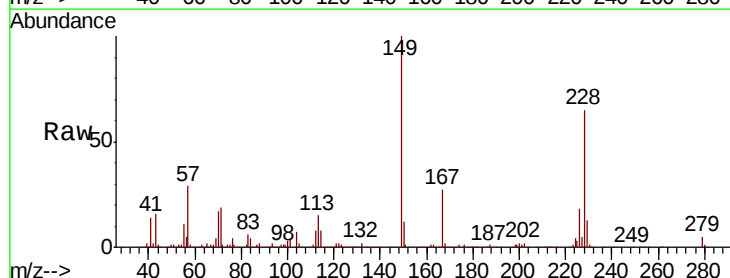
Manual Integrations
 APPROVED

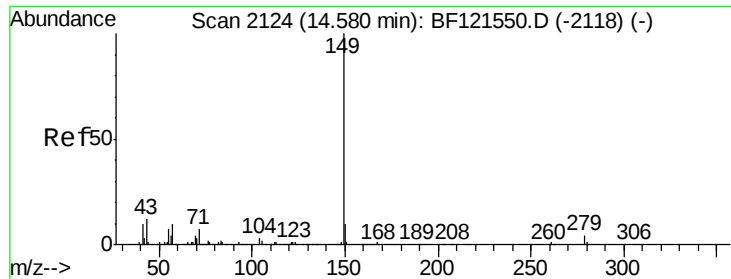
mohammad
 9/24/2020 10:46:33 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.217 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.9	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 42.984 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion:149 Resp: 1278758

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

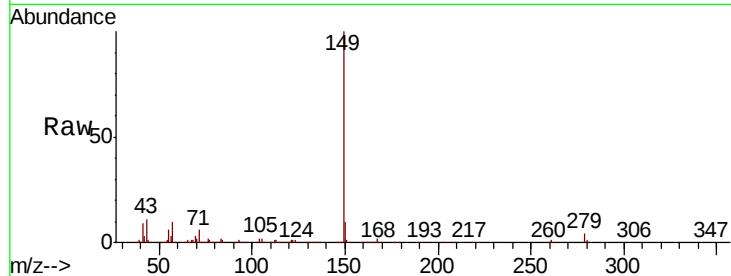
43 11.1 9.0 13.4

Manual Integrations

APPROVED

mohammad

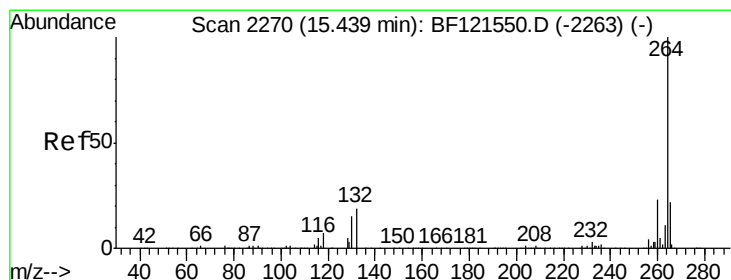
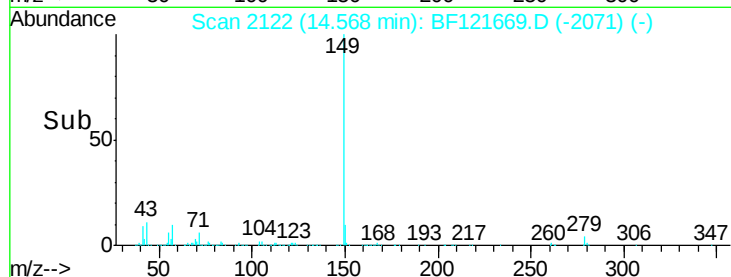
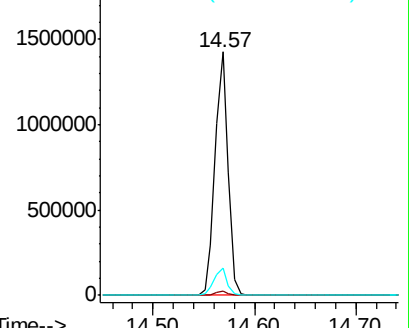
9/24/2020 10:46:33 AM



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

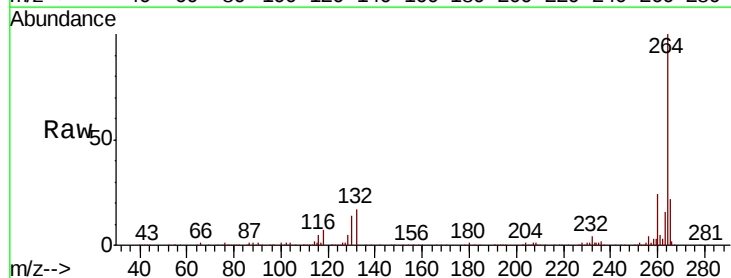
Tgt Ion:264 Resp: 391704

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

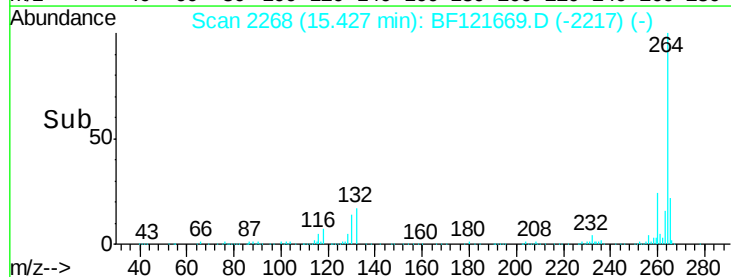
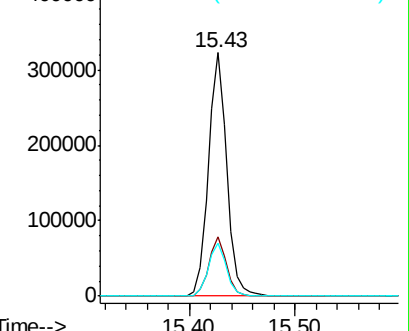
265 21.5 17.3 25.9

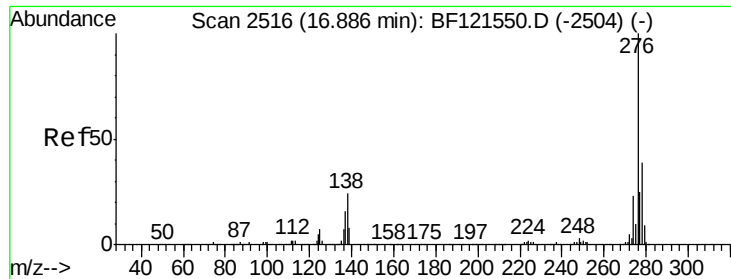


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





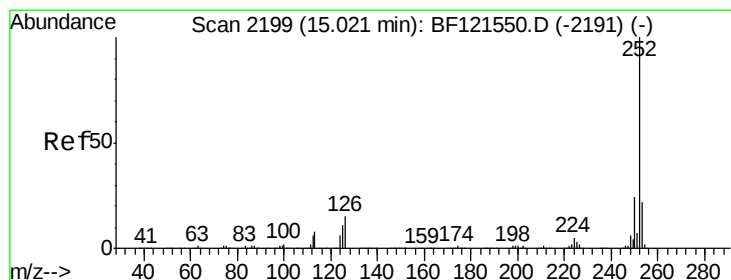
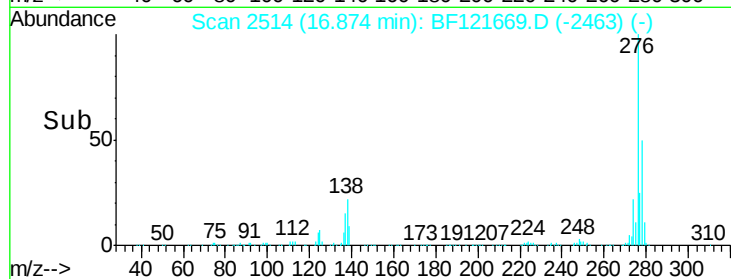
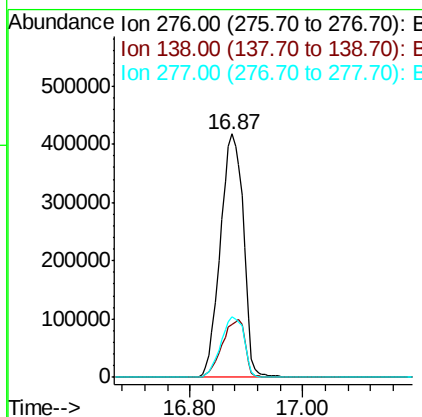
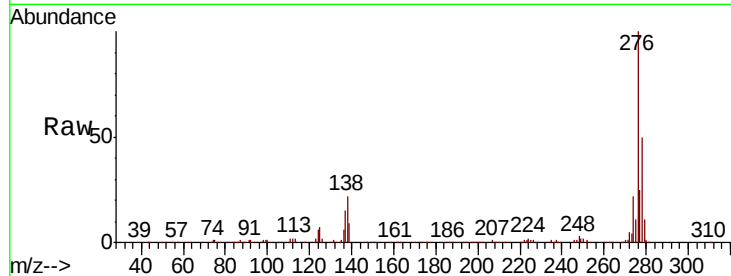
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.693 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.0	28.6
277	25.3	20.2	30.2

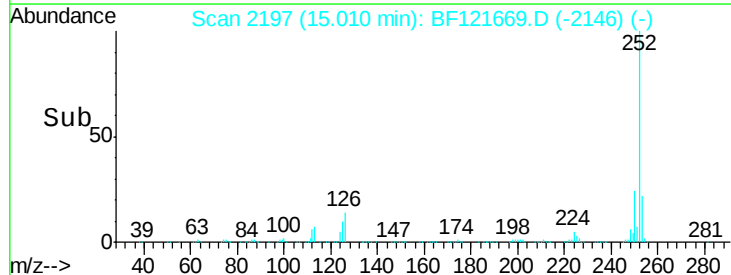
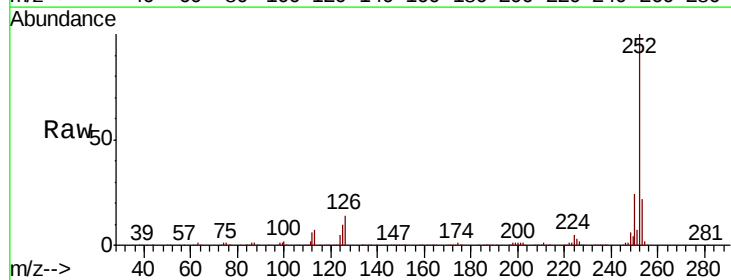
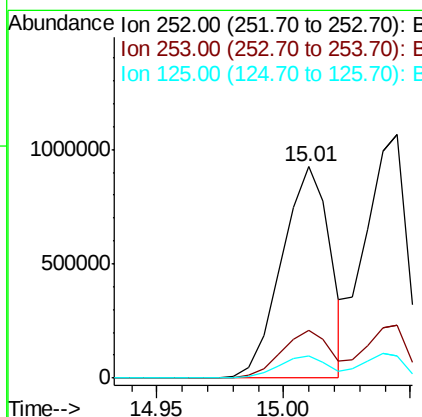
Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:33 AM



#88
 Benzo(b)fluoranthene
 Concen: 46.982 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.5	8.5	12.7





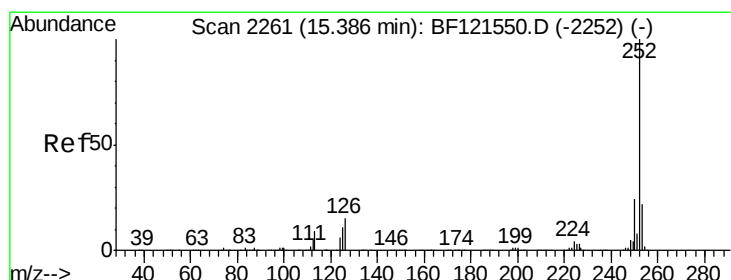
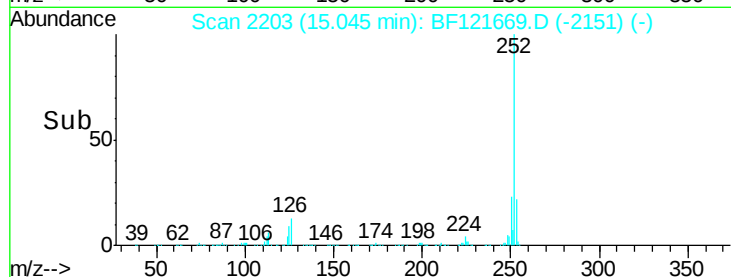
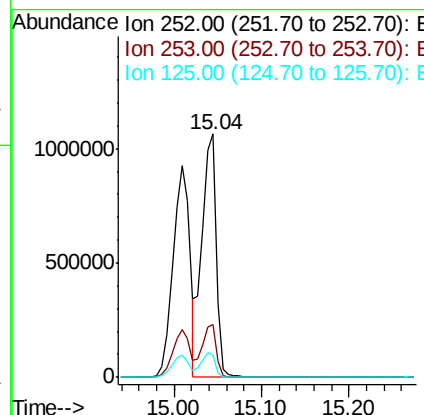
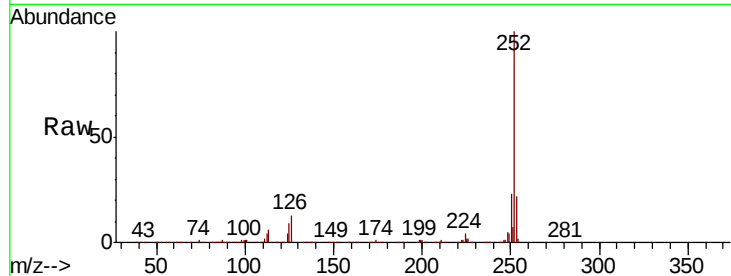
#89
Benzo(k)fluoranthene
Concen: 50.911 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampled :
PB131842BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.8	17.8	26.8	
125	8.9	8.4	12.6	

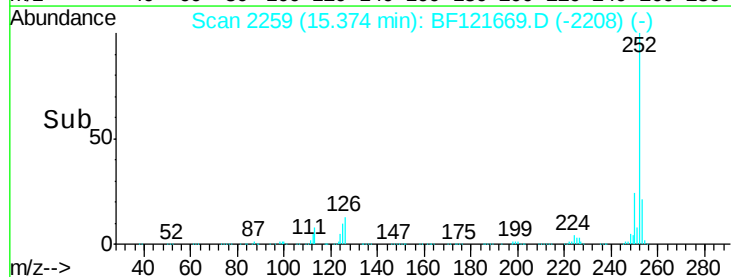
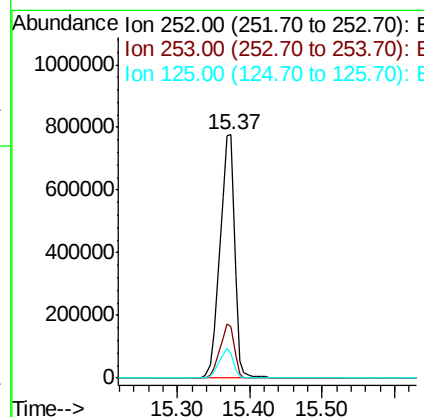
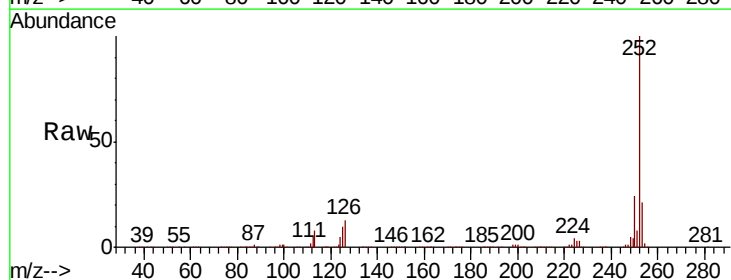
Manual Integrations
APPROVED

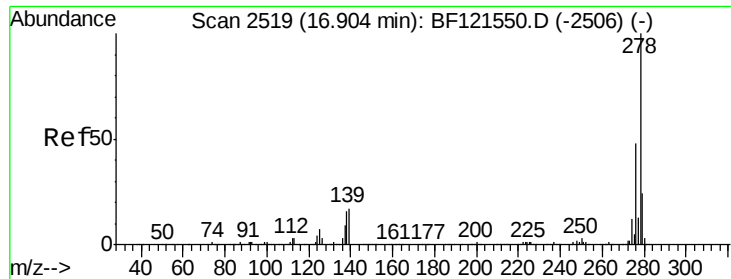
mohammad
9/24/2020 10:46:33 AM



#90
Benzo(a)pyrene
Concen: 49.116 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.4	17.4	26.2	
125	10.3	9.1	13.7	





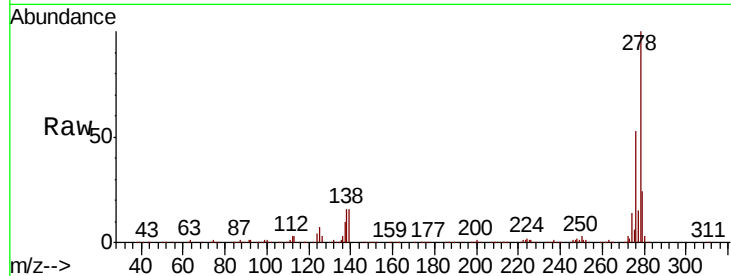
#91
Dibenzo(a,h)anthracene
Concen: 45.886 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

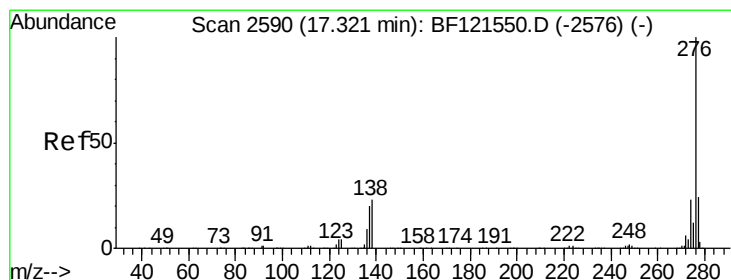
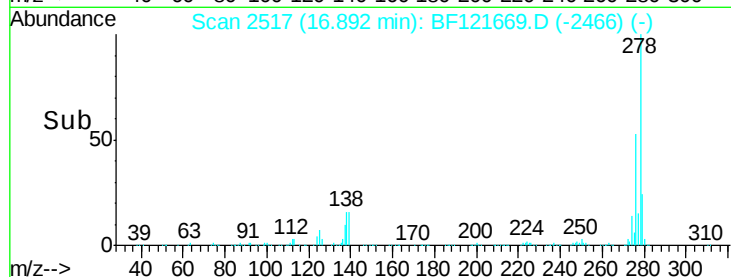
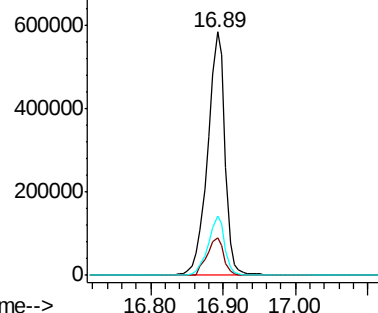
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.0	18.0
279	24.5	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/24/2020 10:46:33 AM



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



#92
Benzo(g,h,i)perylene
Concen: 46.525 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	21.8	16.9	25.3

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

