

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121303.D
 Acq On : 17 Aug 2020 11:40
 Operator : JU/CG
 Sample : L3653-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Manual Integrations
 APPROVED

mohammad
 8/18/2020 1:49:55 PM

Quant Time: Aug 17 12:08:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79098	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	313622	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	166892	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	337843	20.00	ng	0.00
76) Chrysene-d12	13.86	240	300580	20.00	ng	0.00
86) Perylene-d12	15.27	264	344647	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	437602	83.87	ng	0.00
7) Phenol-d6	6.35	99	532982	79.27	ng	0.00
23) Nitrobenzene-d5	7.27	82	342676	59.72	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	172278	83.84	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	669607	55.50	ng	0.00
79) Terphenyl-d14	12.81	244	766512	49.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	90160	40.608	ng	99
3) Pyridine	3.01	79	222522	38.501	ng	99
4) n-Nitrosodimethylamine	2.95	42	108247	45.730	ng	96
6) Aniline	6.36	93	235068	29.494	ng	# 46
8) 2-Chlorophenol	6.49	128	247240	43.095	ng	98
9) Benzaldehyde	6.25	77	149697	43.206	ng	95
10) Phenol	6.36	94	307453	42.156	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	232229	44.112	ng	99
12) 1,3-Dichlorobenzene	6.65	146	254431	41.972	ng	99
13) 1,4-Dichlorobenzene	6.72	146	254691	41.569	ng	99
14) 1,2-Dichlorobenzene	6.87	146	245031	42.374	ng	98
15) Benzyl Alcohol	6.85	79	197447	43.841	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	326641	43.089	ng	98
17) 2-Methylphenol	6.97	107	198783	43.865	ng	99
18) Hexachloroethane	7.22	117	93073	42.956	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	155929	41.742	ng	97
20) 3+4-Methylphenols	7.12	107	243704	42.387	ng	# 83
22) Acetophenone	7.12	105	321337	39.780	ng	# 96
24) Nitrobenzene	7.29	77	249512	40.072	ng	96
25) Isophorone	7.53	82	451269	39.168	ng	99
26) 2-Nitrophenol	7.61	139	131850	43.703	ng	97
27) 2,4-Dimethylphenol	7.65	122	209925	43.428	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	288055	44.700	ng	99
29) 2,4-Dichlorophenol	7.85	162	202791	41.025	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	220182	40.358	ng	100
31) Naphthalene	8.01	128	690336	39.125	ng	99
32) Benzoic acid	7.78	122	137068	50.562	ng	99
33) 4-Chloroaniline	8.06	127	164752	22.880	ng	99
34) Hexachlorobutadiene	8.13	225	125708	38.082	ng	98
35) Caprolactam	8.43	113	68987m	46.335	ng	
36) 4-Chloro-3-methylphenol	8.56	107	211503	41.938	ng	93
37) 2-Methylnaphthalene	8.70	142	470051	40.484	ng	99
38) 1-Methylnaphthalene	8.80	142	445167	40.493	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	221434	39.598	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121303.D
 Acq On : 17 Aug 2020 11:40
 Operator : JU/CG
 Sample : L3653-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Manual Integrations
 APPROVED

mohammad
 8/18/2020 1:49:55 PM

Quant Time: Aug 17 12:08:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	172492	74.420	nq	98
43) 2,4,6-Trichlorophenol	8.99	196	152634	42.918	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	162943	42.182	nq	98
46) 1,1'-Biphenyl	9.17	154	568561	39.427	nq	99
47) 2-Chloronaphthalene	9.19	162	433218	39.027	nq	99
48) 2-Nitroaniline	9.29	65	137170	43.962	nq	100
49) Acenaphthylene	9.60	152	704433	39.954	nq	100
50) Dimethylphthalate	9.47	163	616111	49.060	nq	100
51) 2,6-Dinitrotoluene	9.53	165	116234	41.521	nq	95
52) Acenaphthene	9.77	154	411014	39.374	nq	98
53) 3-Nitroaniline	9.70	138	88768	27.771	nq	92
54) 2,4-Dinitrophenol	9.82	184	120825	77.033	nq	98
55) Dibenzofuran	9.95	168	631623	37.996	nq	99
56) 4-Nitrophenol	9.87	139	201231	97.554	nq	93
57) 2,4-Dinitrotoluene	9.94	165	156429	42.579	nq	97
58) Fluorene	10.29	166	481708	38.281	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	140046	45.853	nq	100
60) Diethylphthalate	10.17	149	533646	41.787	nq	100
61) 4-Chlorophenyl-phenylether	10.29	204	237496	38.806	nq	99
62) 4-Nitroaniline	10.32	138	131151	40.925	nq	97
63) Azobenzene	10.45	77	499212	39.123	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	86271	42.056	nq	97
66) n-Nitrosodiphenylamine	10.40	169	450020	38.847	nq	100
67) 4-Bromophenyl-phenylether	10.77	248	156786	39.785	nq	99
68) Hexachlorobenzene	10.84	284	179423	39.927	nq	97
69) Atrazine	10.93	200	129273	37.308	nq	99
70) Pentachlorophenol	11.04	266	190038	93.794	nq	97
71) Phenanthrene	11.25	178	756660	39.149	nq	100
72) Anthracene	11.30	178	774387	39.926	nq	100
73) Carbazole	11.46	167	735420	38.770	nq	99
74) Di-n-butylphthalate	11.79	149	903234	42.186	nq	100
75) Fluoranthene	12.43	202	891976	41.446	nq	100
77) Benzidine	12.56	184	241213	30.526	nq	99
78) Pyrene	12.66	202	923956	41.278	nq	100
80) Butylbenzylphthalate	13.29	149	409554	44.794	nq	99
81) Benzo(a)anthracene	13.85	228	792451	38.871	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	262223	32.419	nq	98
83) Chrysene	13.89	228	847717	40.727	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	516270	40.967	nq	100
85) Di-n-octyl phthalate	14.46	149	1038550	44.948	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1049541	40.959	nq	99
88) Benzo(b)fluoranthene	14.87	252	934987	40.489	nq	99
89) Benzo(k)fluoranthene	14.90	252	846637	39.481	nq	100
90) Benzo(a)pyrene	15.22	252	839513	40.278	nq	99
91) Dibenzo(a,h)anthracene	16.66	278	870495	39.647	nq	99
92) Benzo(g,h,i)perylene	17.05	276	894379	41.277	nq	99

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

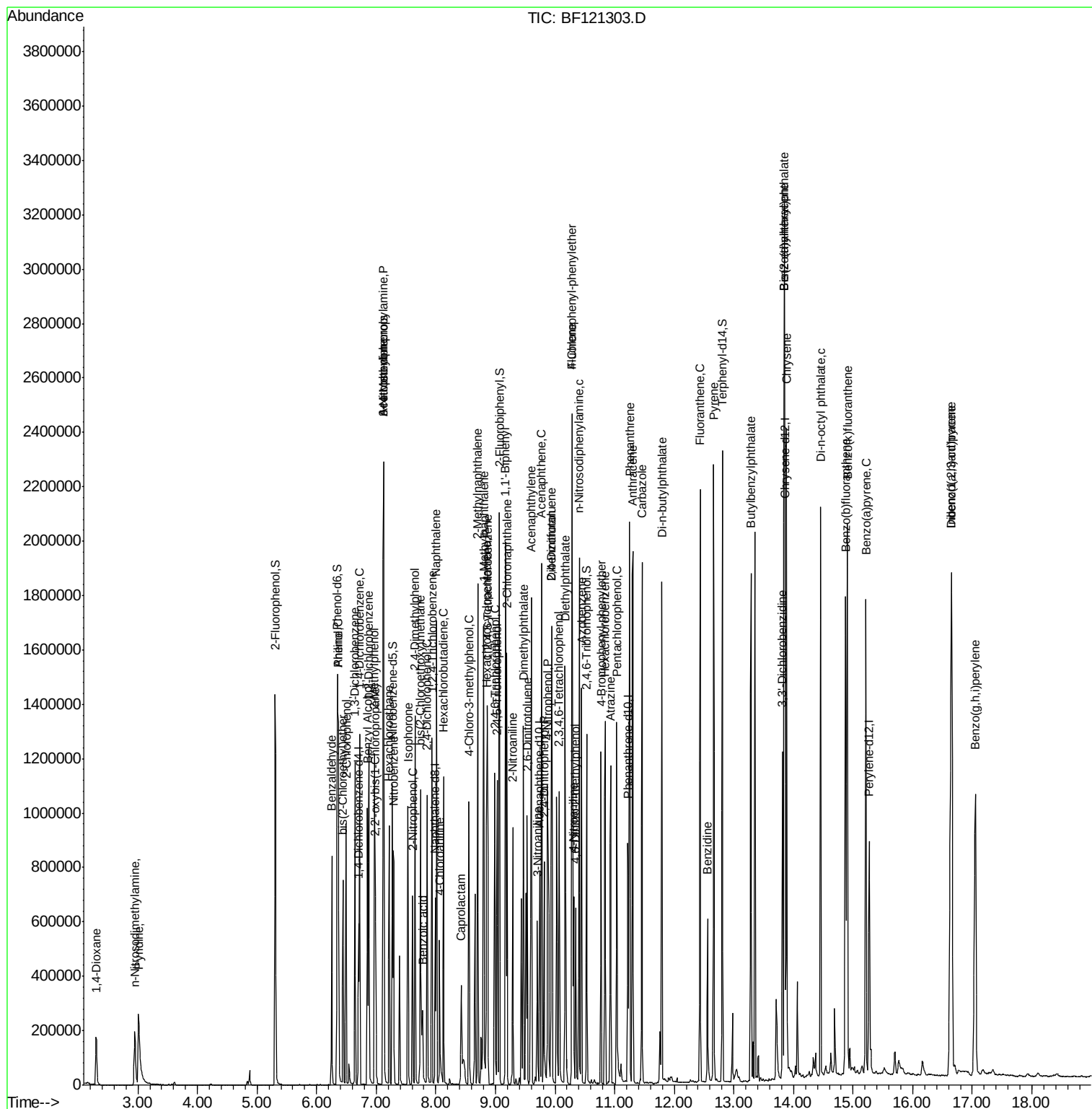
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121303.D
Acq On : 17 Aug 2020 11:40
Operator : JU/CG
Sample : L3653-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

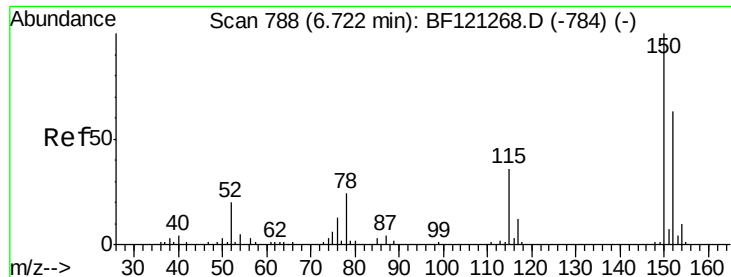
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM

Quant Time: Aug 17 12:08:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration





#1

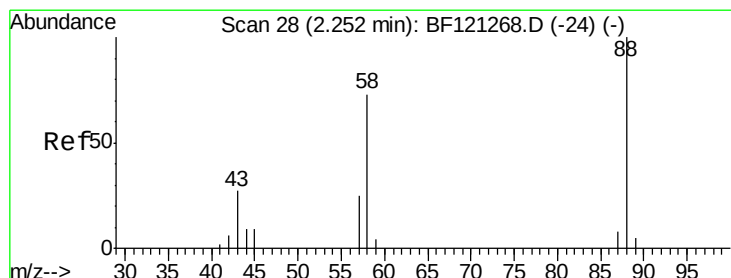
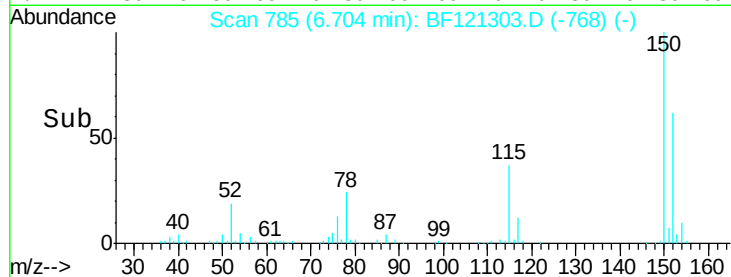
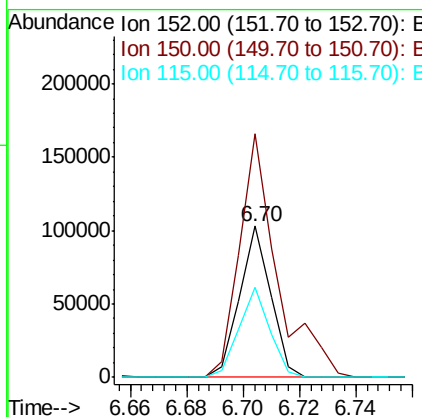
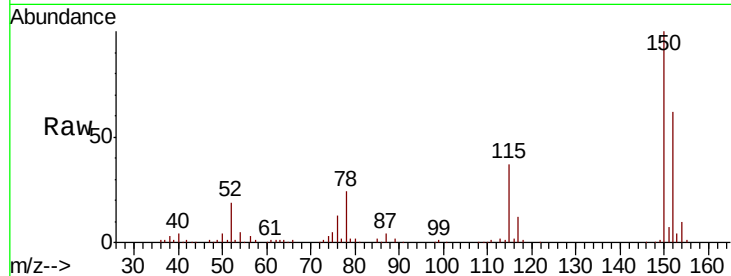
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	123.9	185.9
115	59.6	47.3	70.9

Manual Integrations
APPROVED

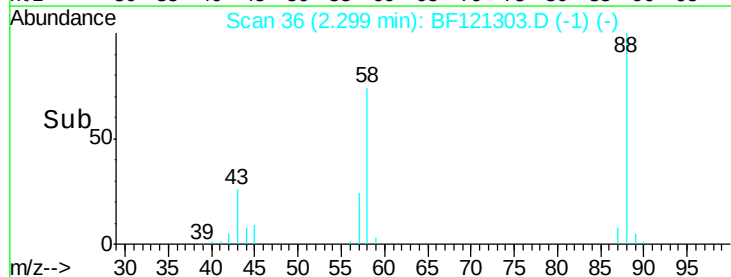
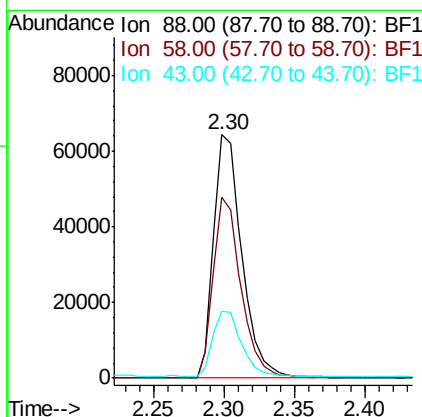
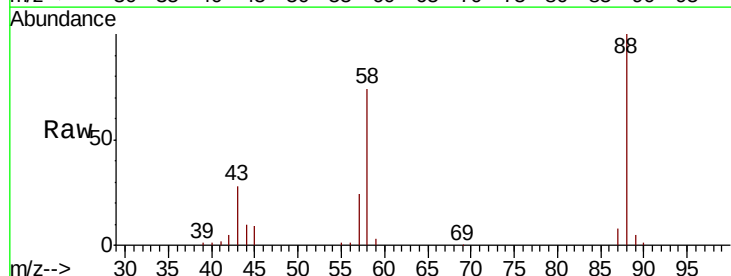
mohammad
8/18/2020 1:49:55 PM

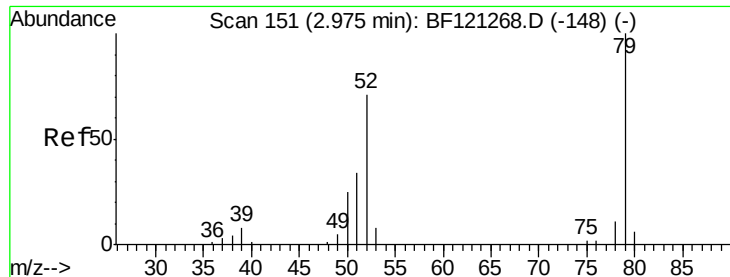


#2

1,4-Dioxane
Concen: 40.608 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	57.8	86.8
43	27.8	22.2	33.2





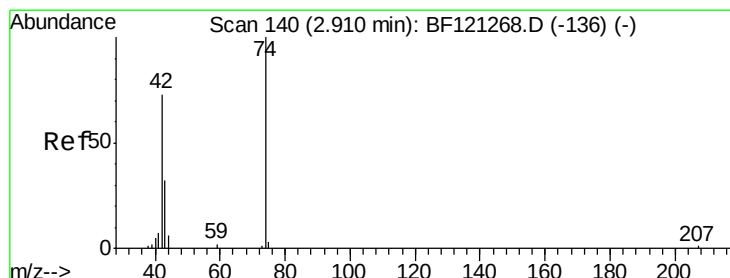
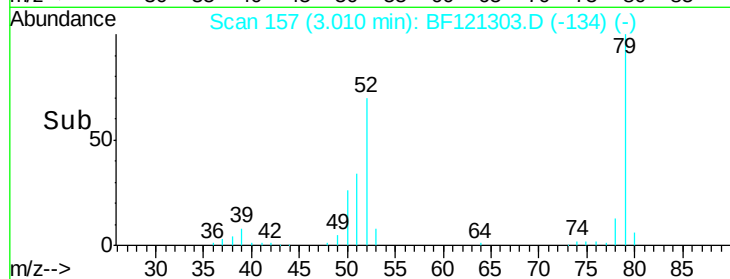
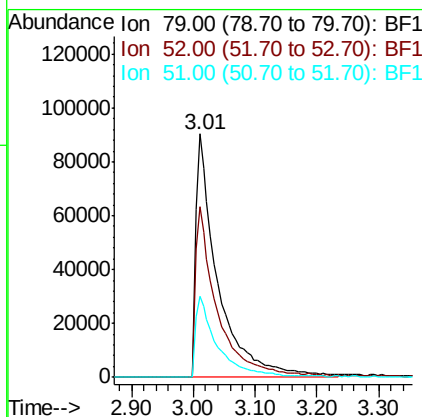
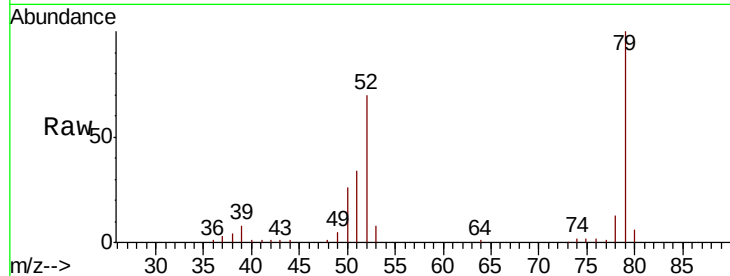
#3
 Pvridine
 Concen: 38.501 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.04 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion:	79	Resp:	222522
Ion Ratio	Lower	Upper	
79	100		
52	70.0	56.9	85.3
51	33.5	26.3	39.5

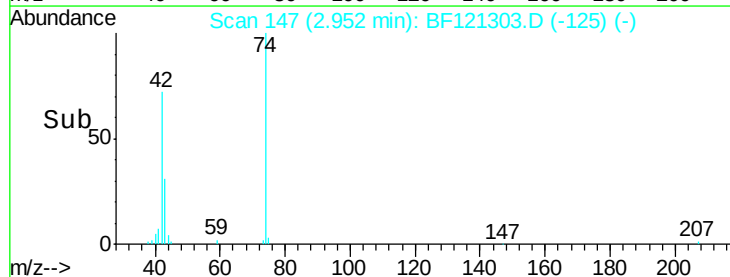
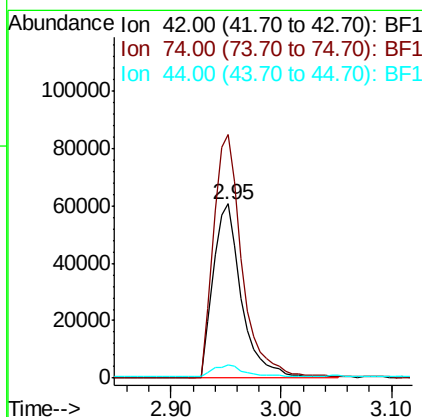
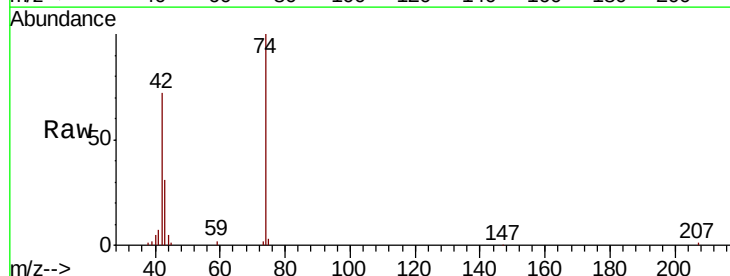
Manual Integrations
 APPROVED

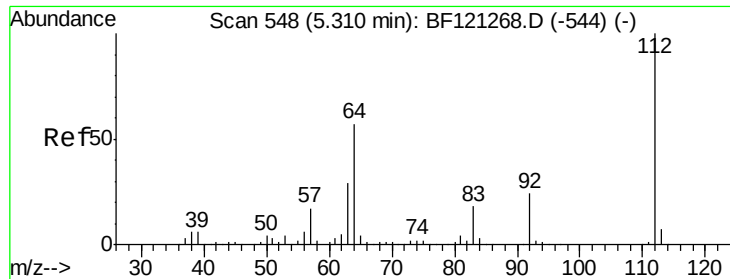
mohammad
 8/18/2020 1:49:55 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.730 ng
 RT: 2.95 min Scan# 147
 Delta R.T. 0.03 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion:	42	Resp:	108247
Ion Ratio	Lower	Upper	
42	100		
74	139.8	115.8	173.8
44	7.3	5.7	8.5





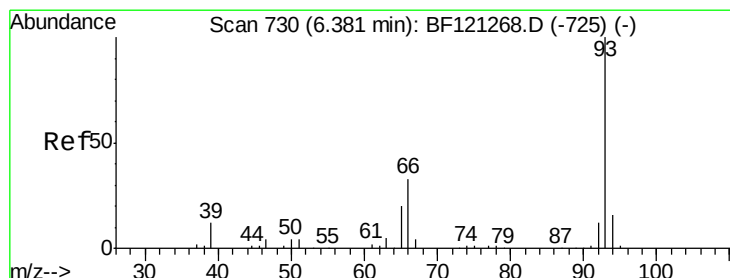
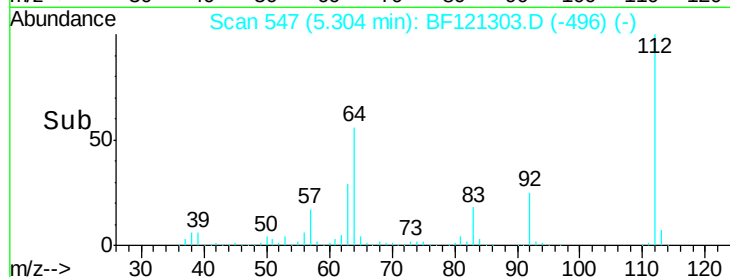
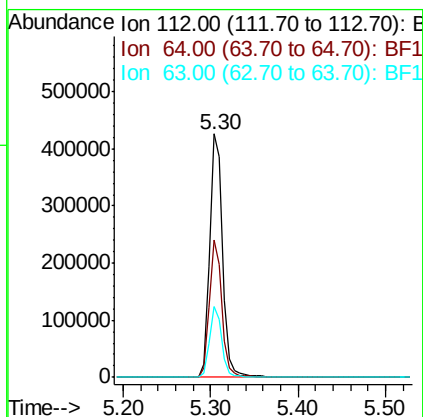
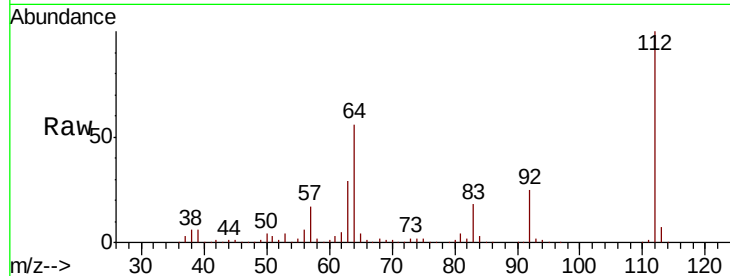
#5
2-Fluorophenol
Concen: 83.875 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion:	112	Resp:	437602
Ion Ratio	Lower	Upper	
112	100		
64	56.5	42.9	64.3
63	29.2	22.2	33.2

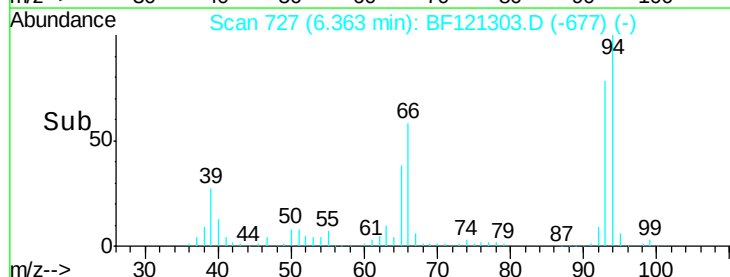
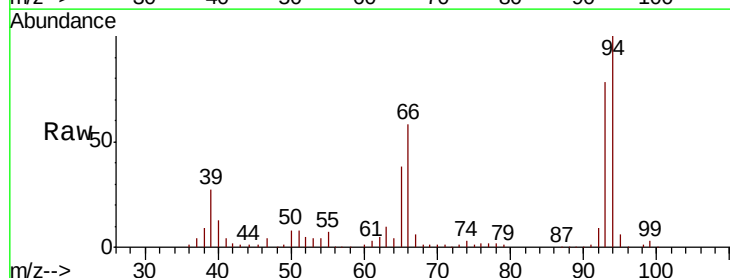
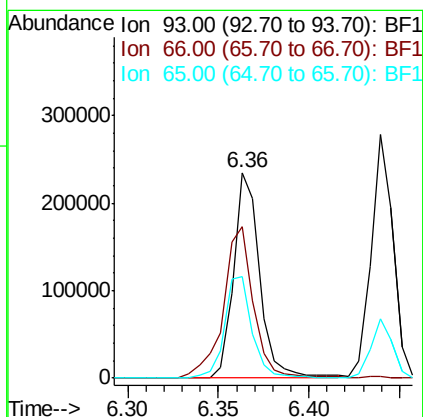
Manual Integrations
APPROVED

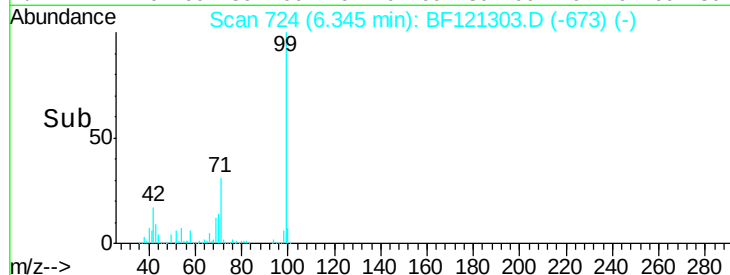
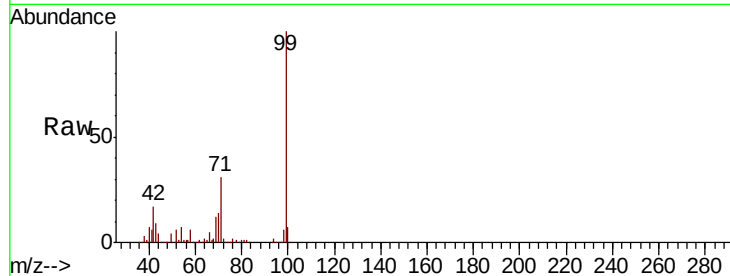
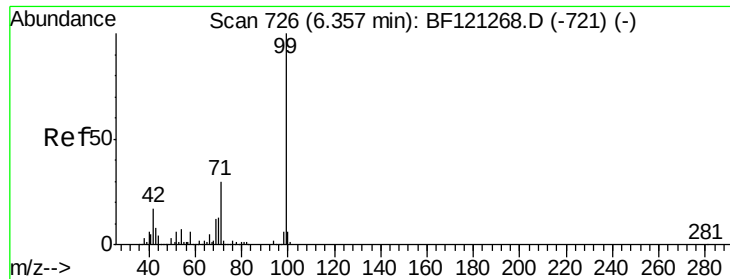
mohammad
8/18/2020 1:49:55 PM



#6
Aniline
Concen: 29.494 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion:	93	Resp:	235068
Ion Ratio	Lower	Upper	
93	100		
66	73.8	32.2	48.4#
65	49.2	18.2	27.4#





#7

Phenol-d6

Concen: 79.275 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tot Ion:	99	Resp:	532982
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.8	20.8
71	31.1	24.8	37.2

Instrument :

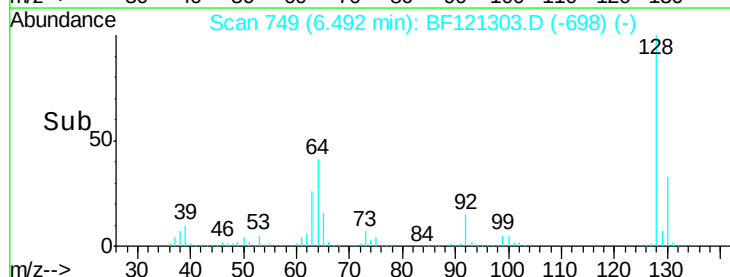
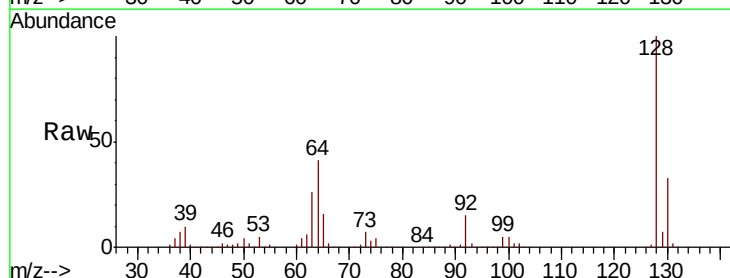
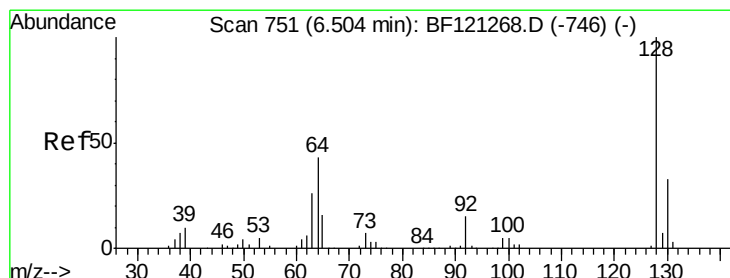
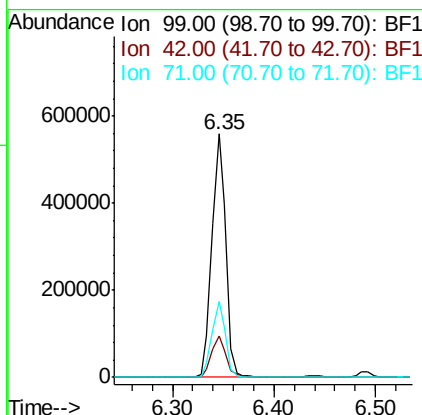
BNA_F

ClientSampleId :

BW-STOCKMS

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#8

2-Chlorophenol

Concen: 43.095 ng

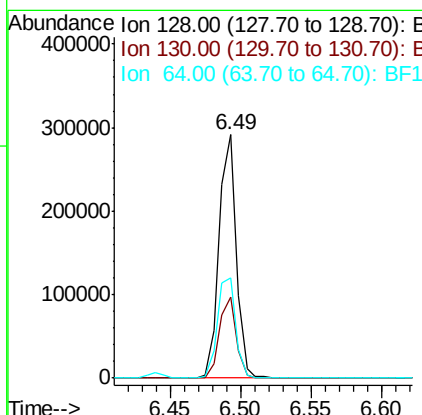
RT: 6.49 min Scan# 749

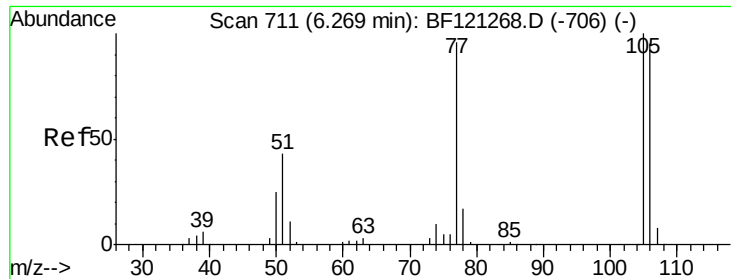
Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:	128	Resp:	247240
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.9	51.9
64	41.1	22.5	62.5





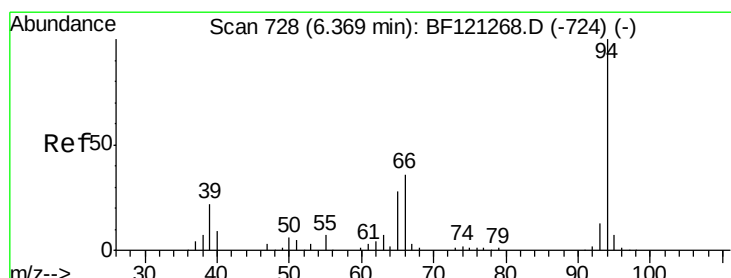
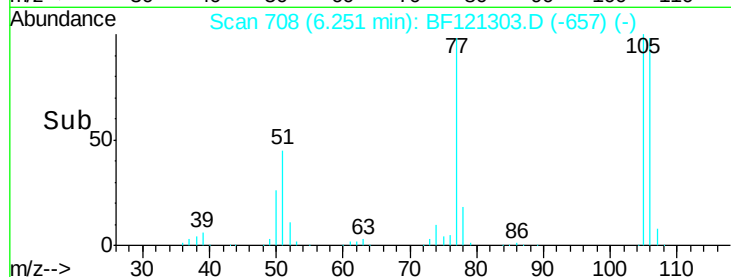
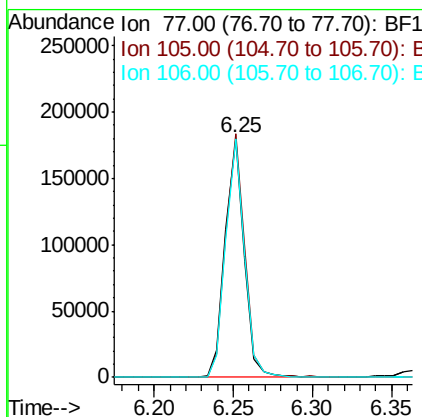
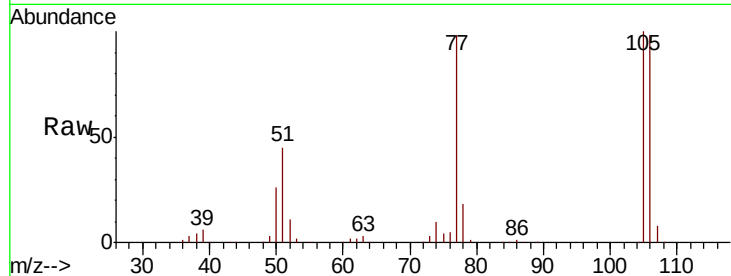
#9
Benzaldehyde
Concen: 43.206 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.9	77.6	117.6		
106	99.6	74.9	114.9		

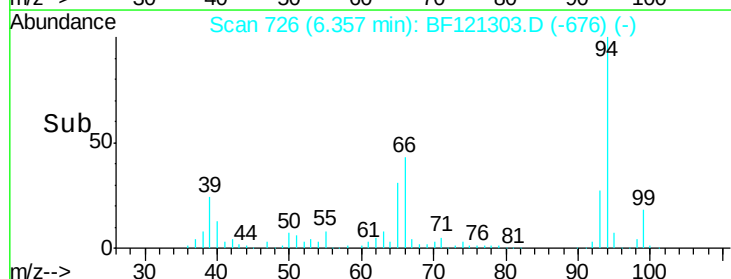
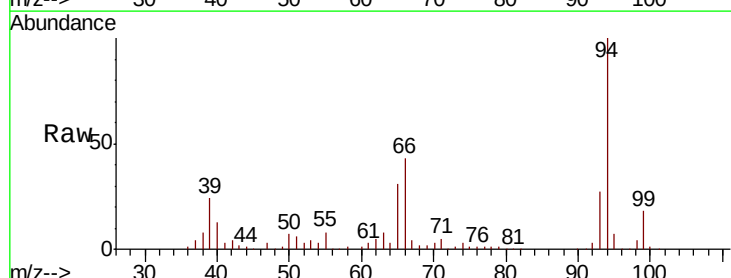
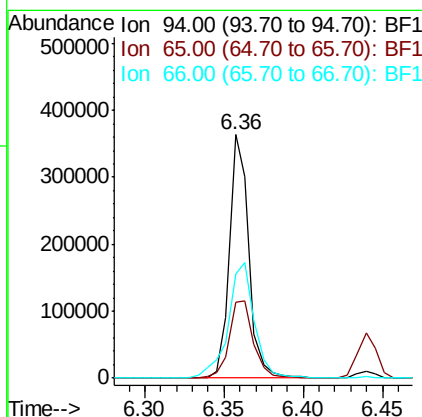
Manual Integrations
APPROVED

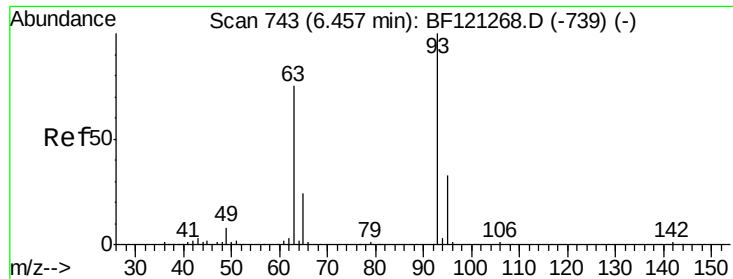
mohammad
8/18/2020 1:49:55 PM



#10
Phenol
Concen: 42.156 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.0	19.2	59.2		
66	42.7	39.6	79.6		





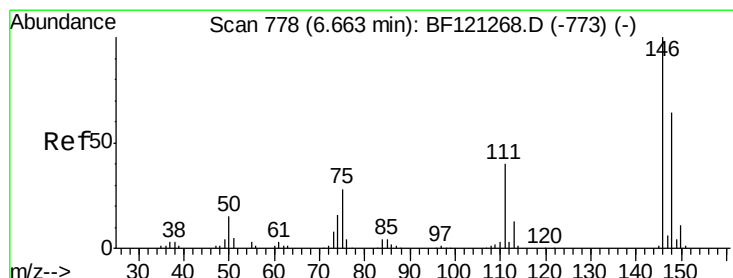
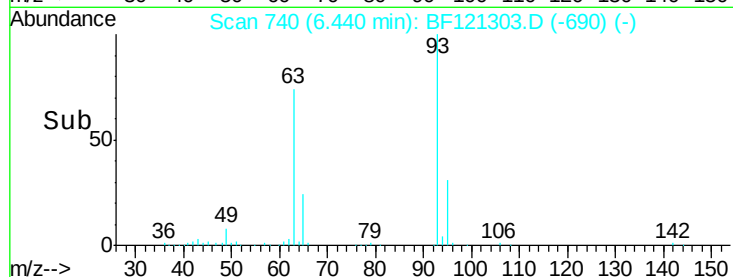
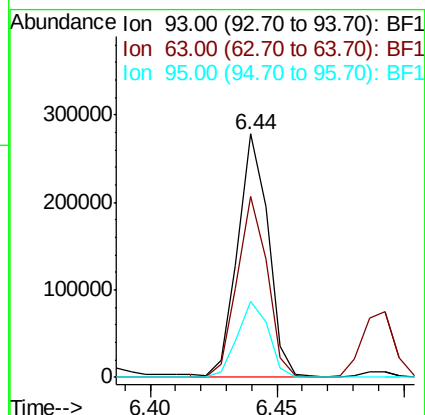
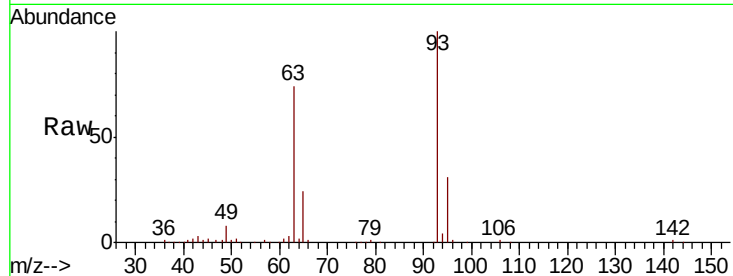
#11
bis(2-Chloroethyl)ether
Concen: 44.112 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion:	93	Resp:	232229
Ion Ratio	Lower	Upper	
93	100		
63	74.2	53.9	93.9
95	31.4	12.4	52.4

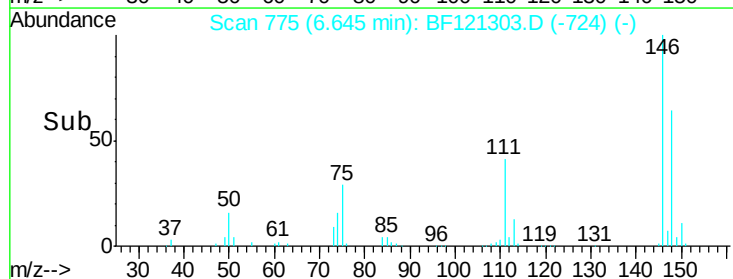
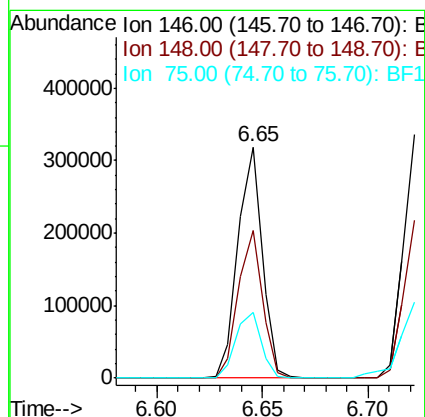
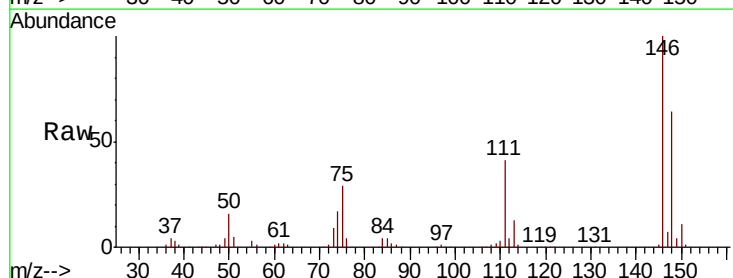
Manual Integrations
APPROVED

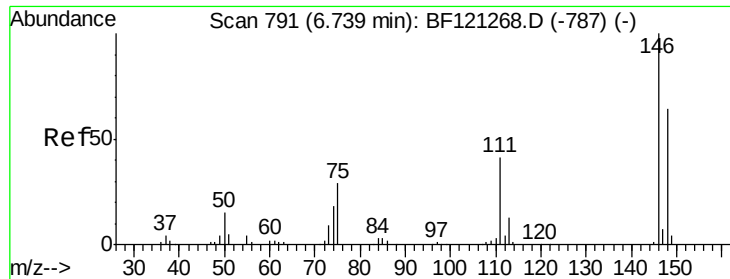
mohammad
8/18/2020 1:49:55 PM



#12
1,3-Dichlorobenzene
Concen: 41.972 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion:	146	Resp:	254431
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
75	28.7	24.1	36.1





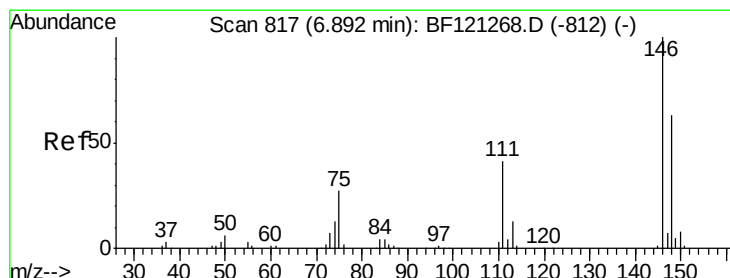
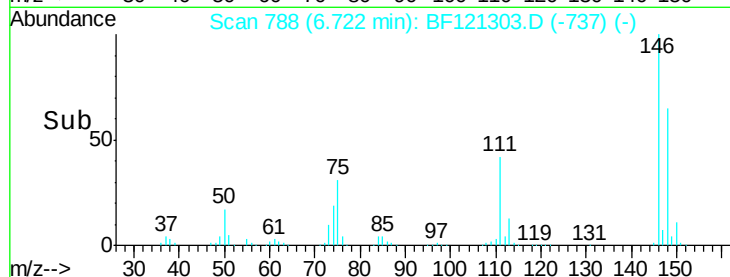
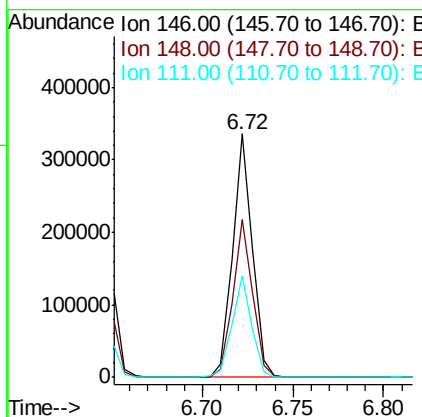
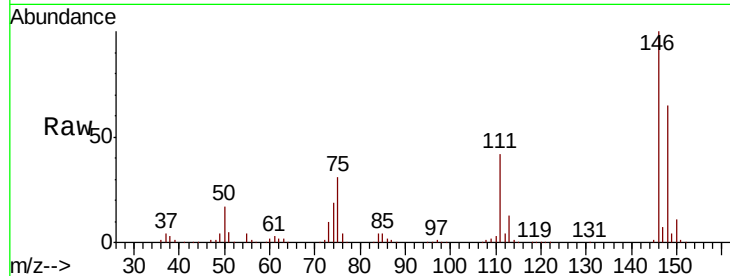
#13
 1,4-Dichlorobenzene
 Concen: 41.569 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	41.7	33.0	49.6

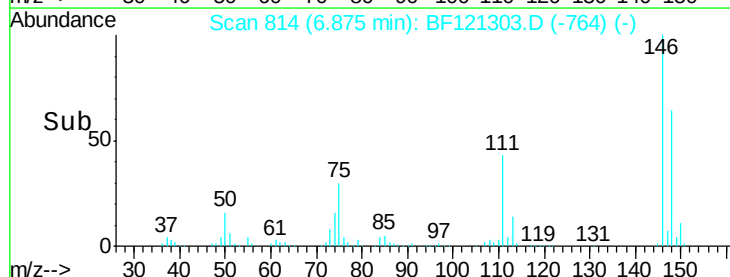
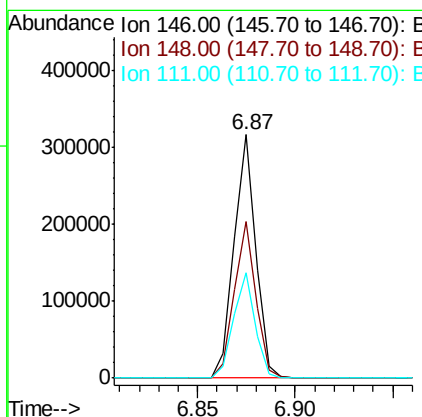
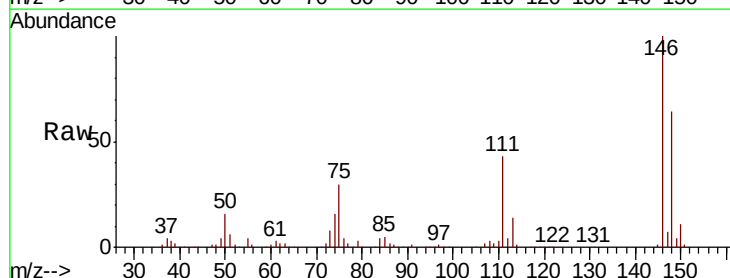
Manual Integrations
 APPROVED

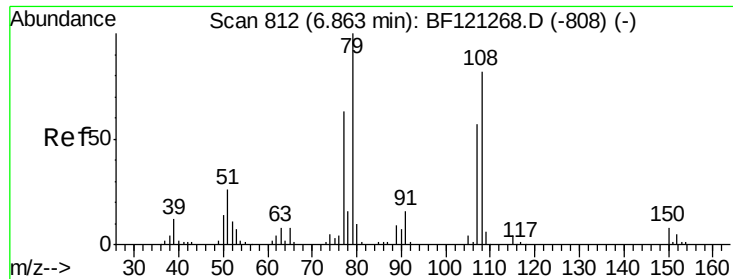
mohammad
 8/18/2020 1:49:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.374 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	43.3	32.3	48.5





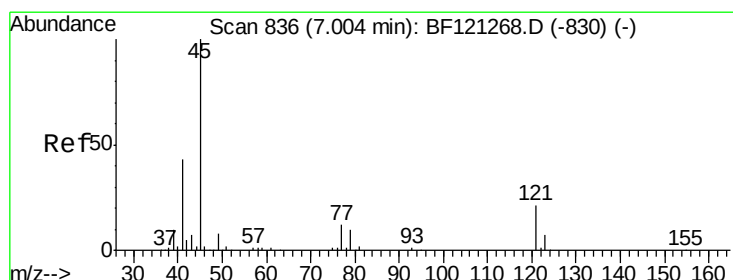
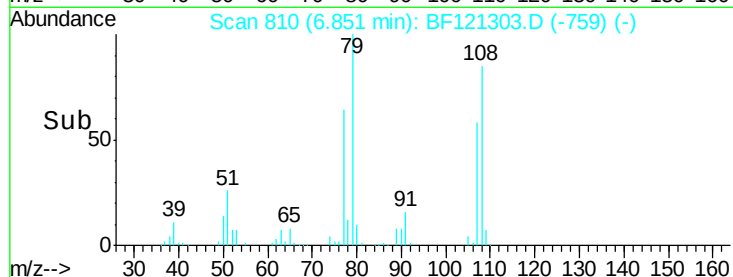
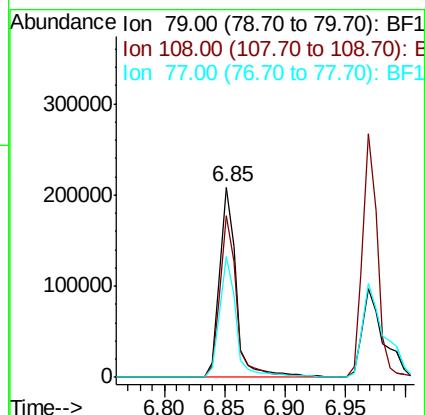
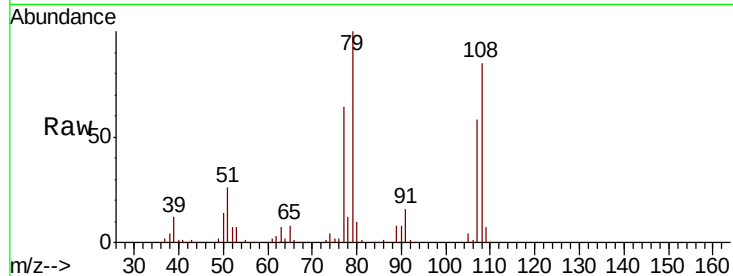
#15
Benzyl Alcohol
Concen: 43.841 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	197447		
108	84.9	66.3	99.5	
77	63.5	50.0	75.0	

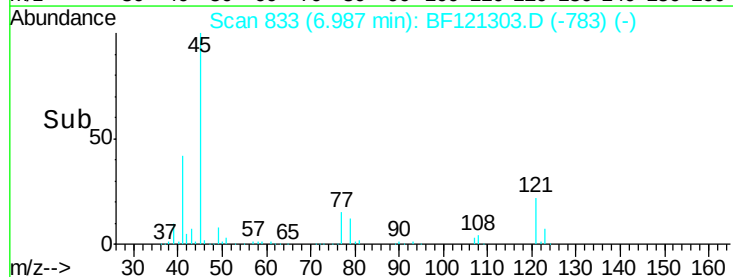
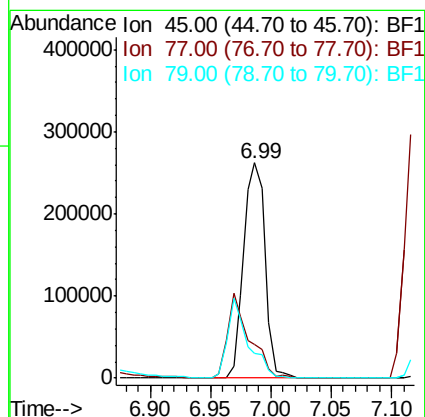
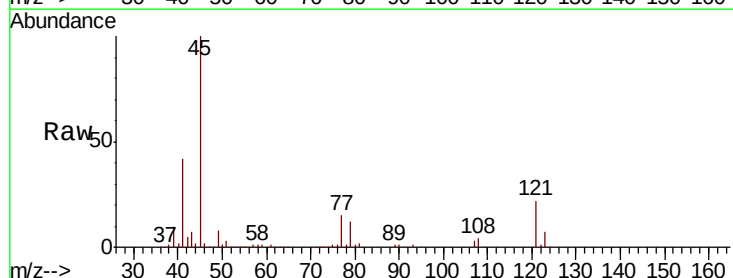
Manual Integrations
APPROVED

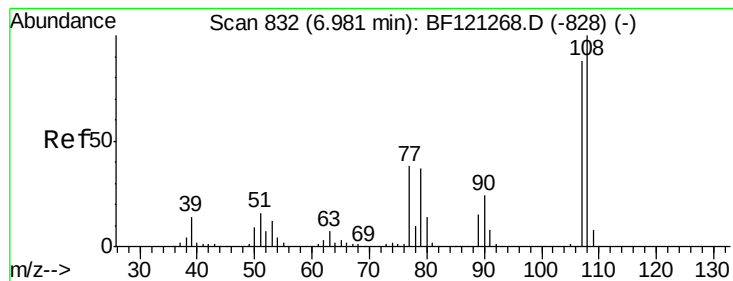
mohammad
8/18/2020 1:49:55 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.089 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	326641		
77	15.4	0.0	34.4	
79	11.7	0.0	31.5	





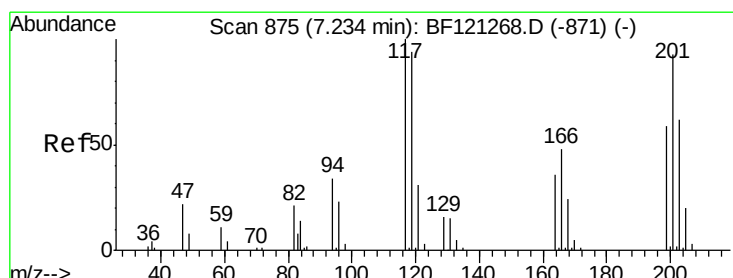
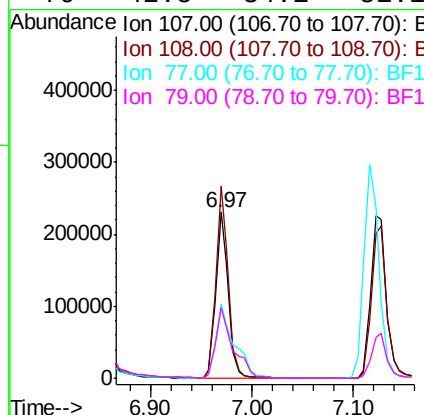
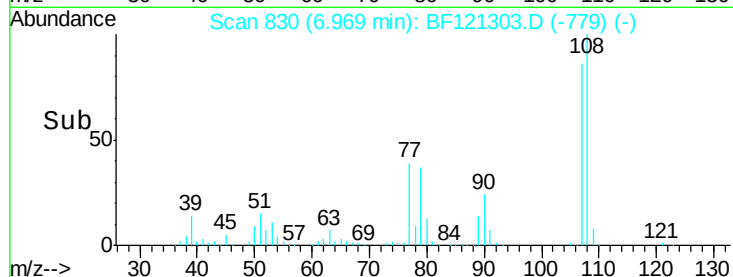
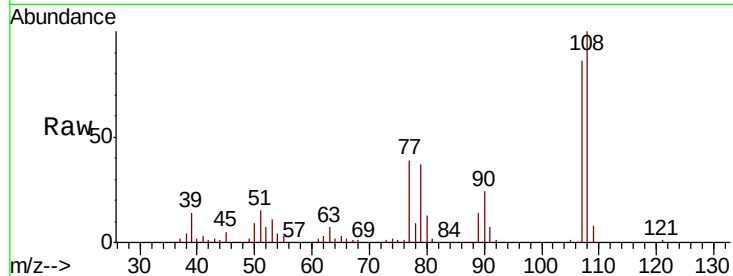
#17
2-Methylphenol
Concen: 43.865 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampled :
BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	93.4	140.0	
77	44.7	35.7	53.5	
79	42.5	34.1	51.1	

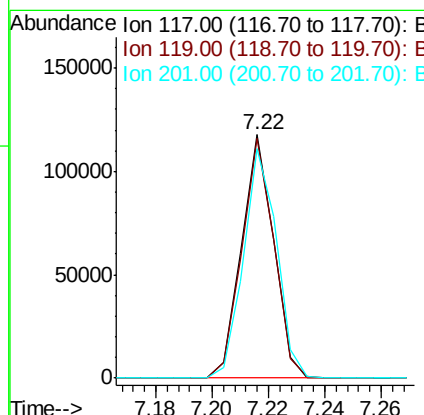
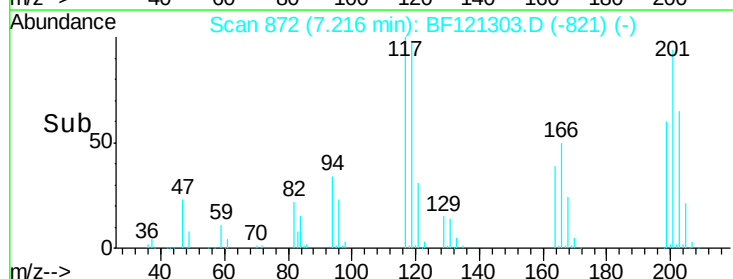
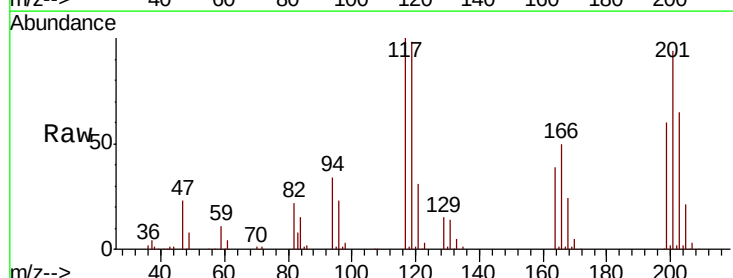
Manual Integrations
APPROVED

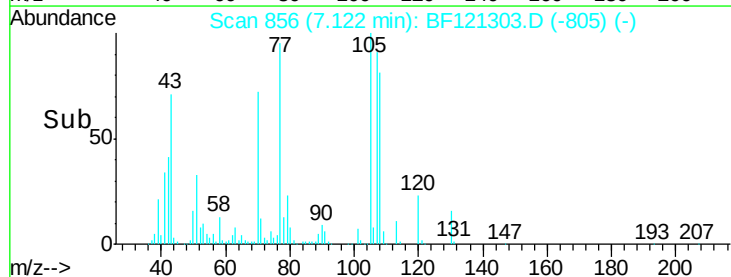
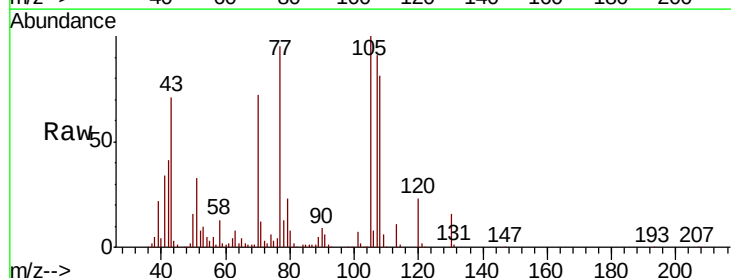
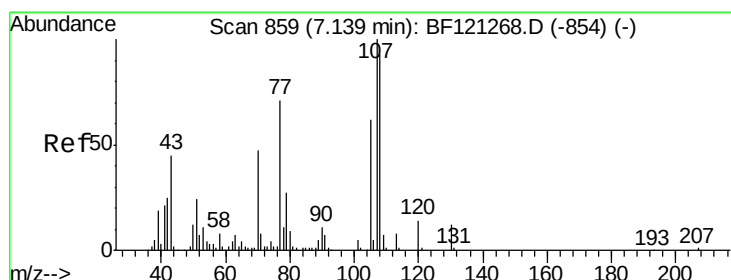
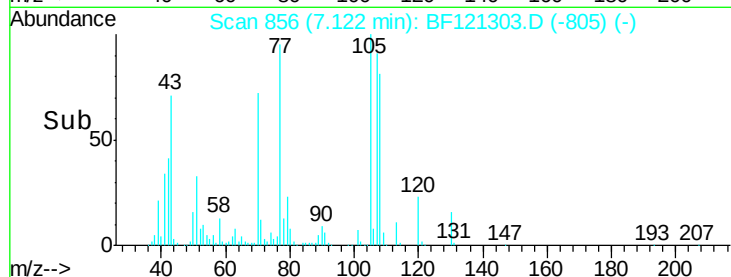
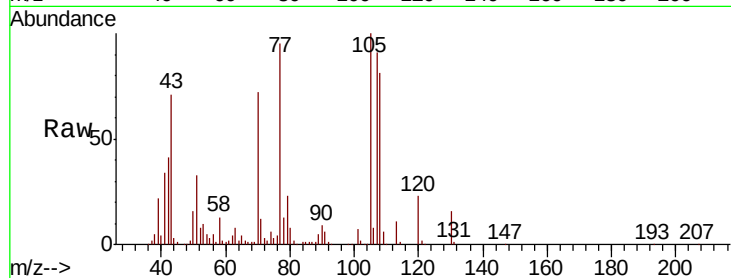
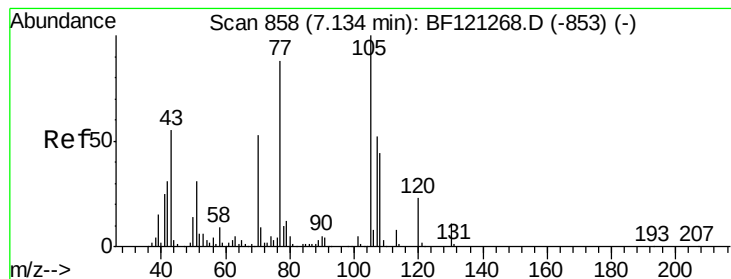
mohammad
8/18/2020 1:49:55 PM



#18
Hexachloroethane
Concen: 42.956 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	74.6	112.0	
201	94.2	69.8	104.8	





#19

n-Nitroso-di-n-propylamine

Concen: 41.742 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMS

Tot Ion: 70 Resp: 155929

Ion Ratio Lower Upper

70 100

42 56.3 47.0 70.6

101 9.5 7.6 11.4

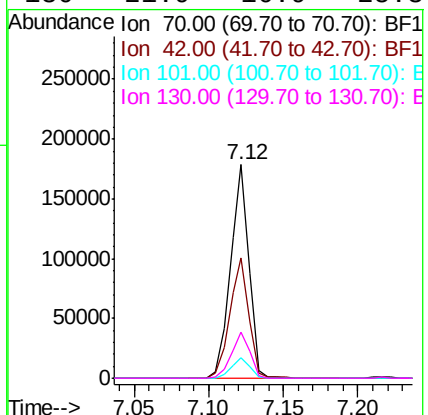
130 21.9 16.9 25.3

Manual Integrations

APPROVED

mohammad

8/18/2020 1:49:55 PM



#20

3+4-Methylphenols

Concen: 42.387 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:107 Resp: 243704

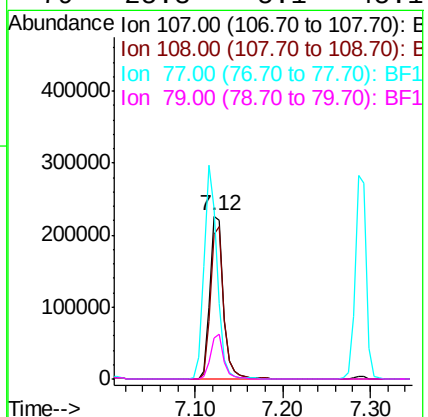
Ion Ratio Lower Upper

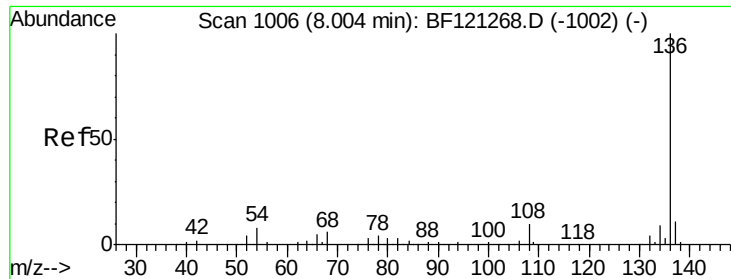
107 100

108 89.0 66.3 106.3

77 104.4 119.8 159.8#

79 25.3 5.1 45.1





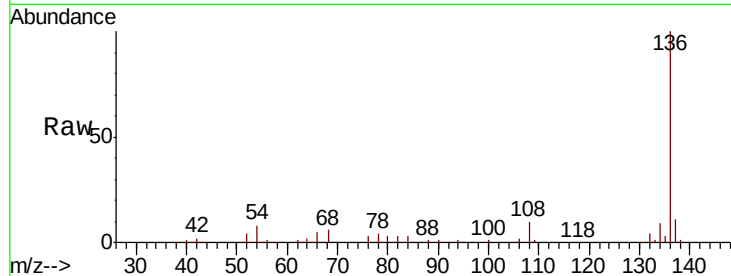
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	13.0	
54	7.7	5.4	8.2	
68	6.3	4.6	6.8	

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



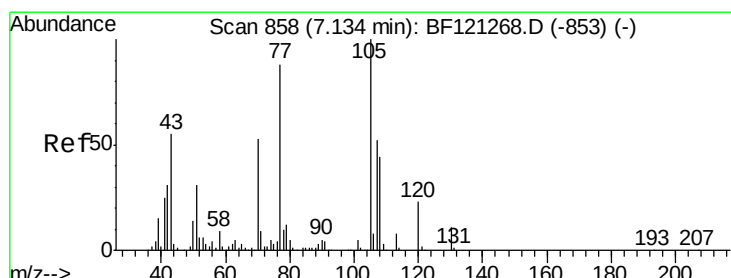
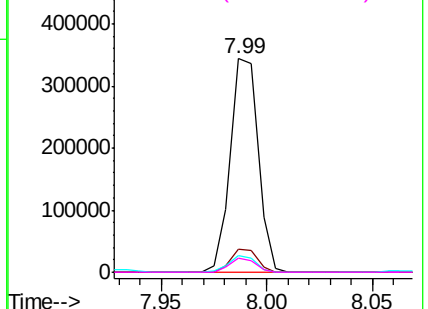
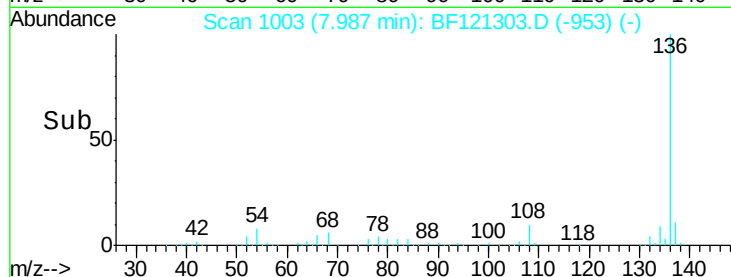
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

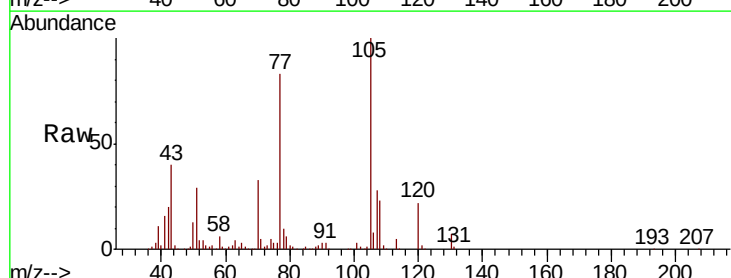
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.780 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	7.1	10.7#	
51	29.0	25.9	38.9	
120	22.2	17.8	26.8	



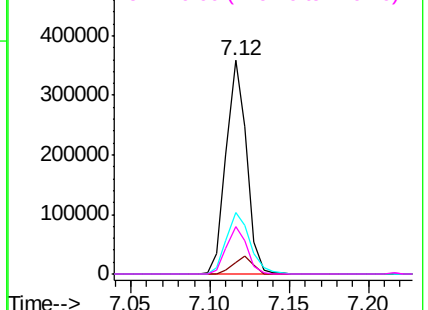
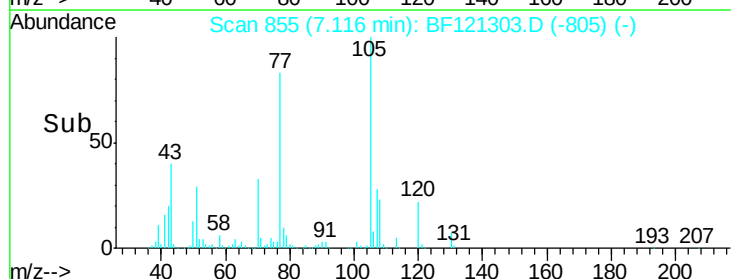
Abundance

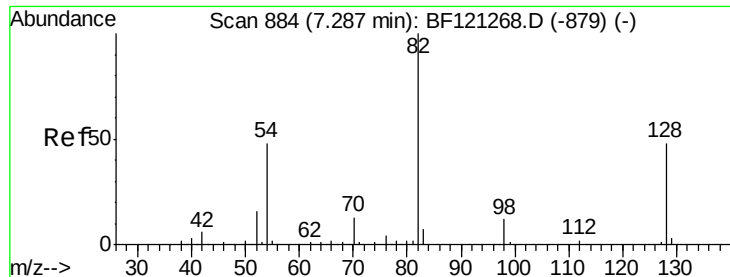
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





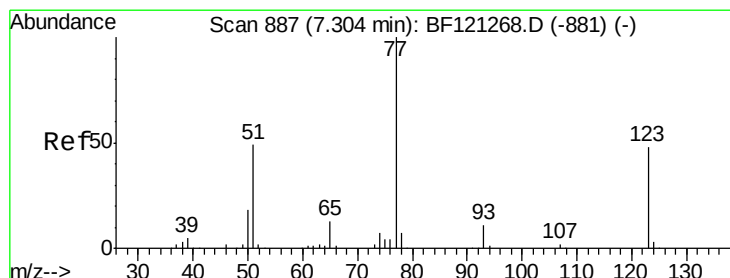
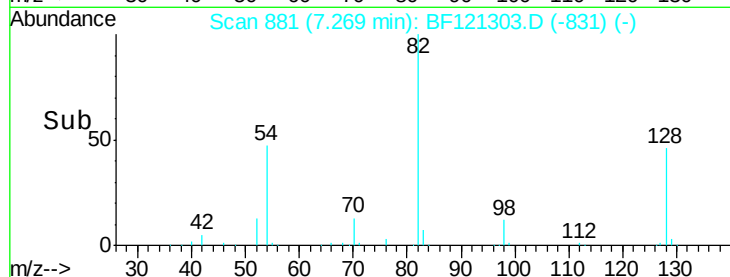
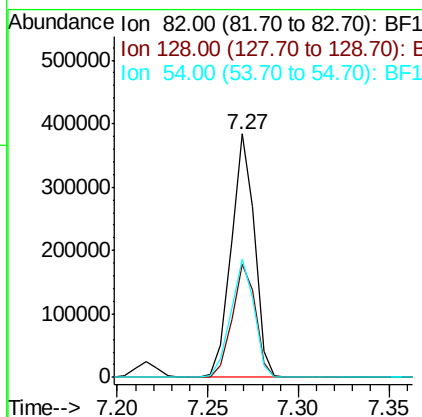
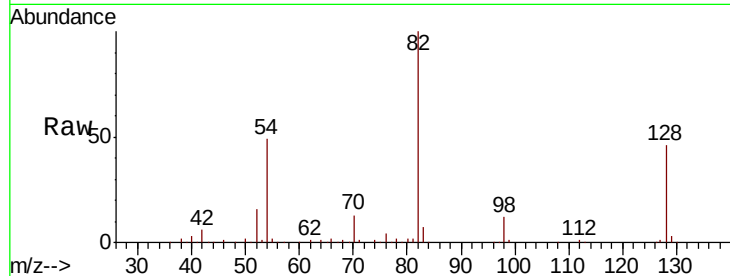
#23
 Nitrobenzene-d5
 Concen: 59.716 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	342676		
128	46.3		38.2	57.2
54	48.6		38.2	57.4

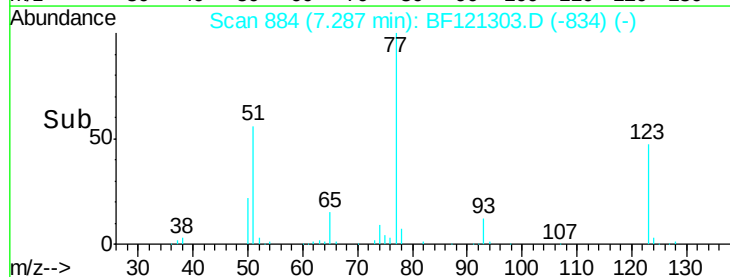
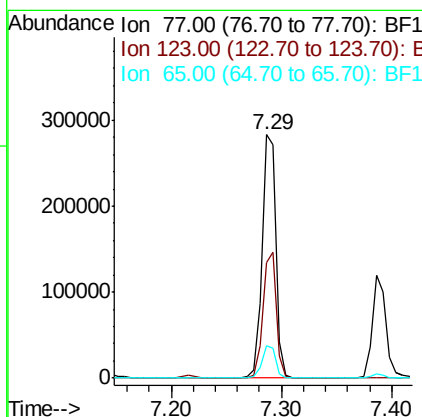
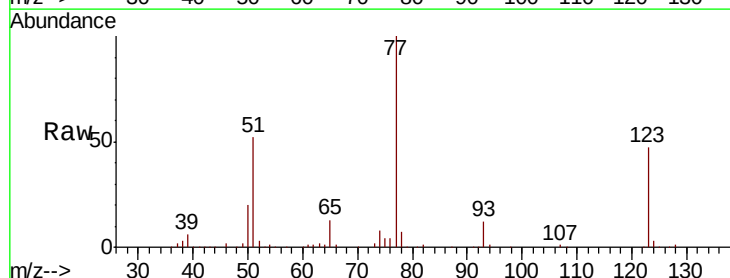
Manual Integrations
 APPROVED

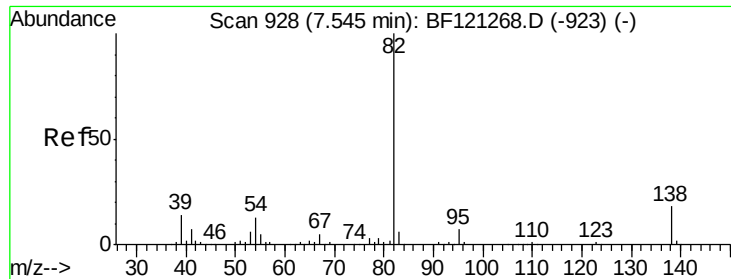
mohammad
 8/18/2020 1:49:55 PM



#24
 Nitrobenzene
 Concen: 40.072 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	249512		
123	47.4		40.3	60.5
65	13.5		10.2	15.4





#25

Isophorone

Concen: 39.168 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

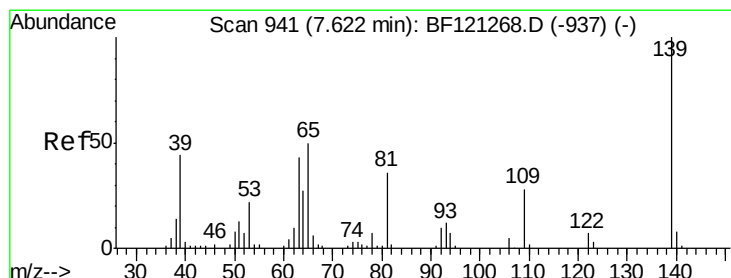
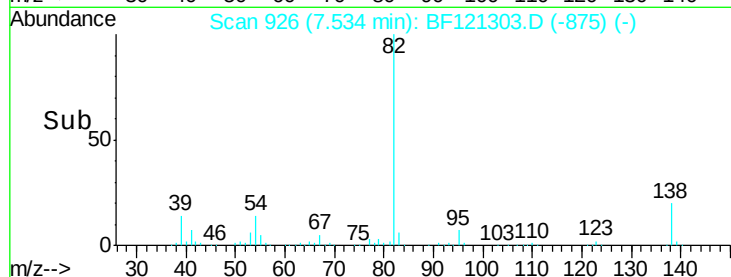
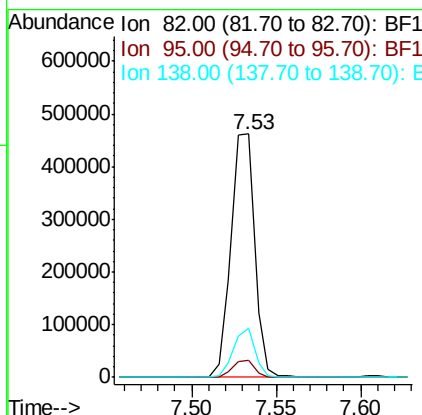
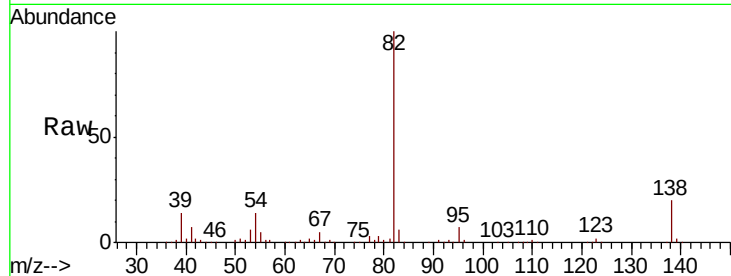
ClientSampleId :

BW-STOCKMS

Tot Ion:	82	Resp:	451269
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	20.0	15.6	23.4

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#26

2-Nitrophenol

Concen: 43.703 ng

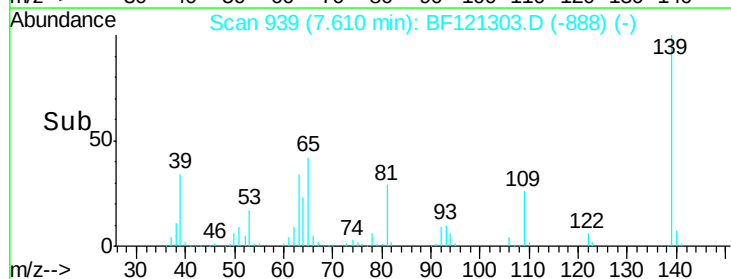
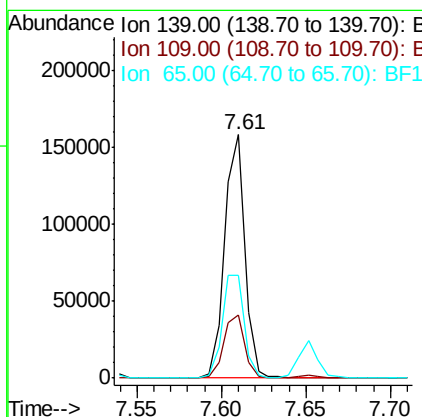
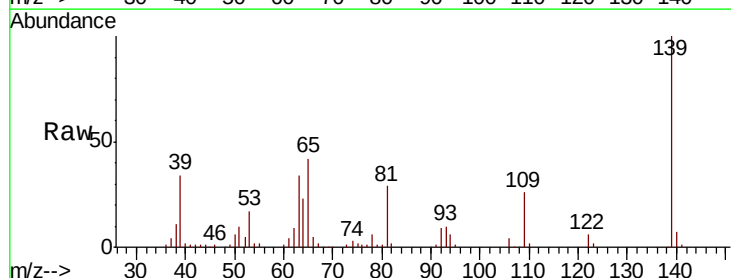
RT: 7.61 min Scan# 939

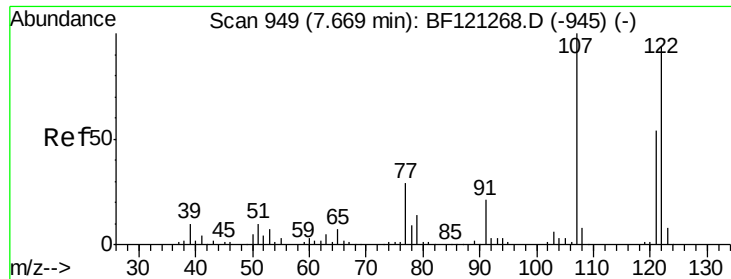
Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:	139	Resp:	131850
Ion Ratio	Lower	Upper	
139	100		
109	26.1	20.8	31.2
65	42.0	36.4	54.6





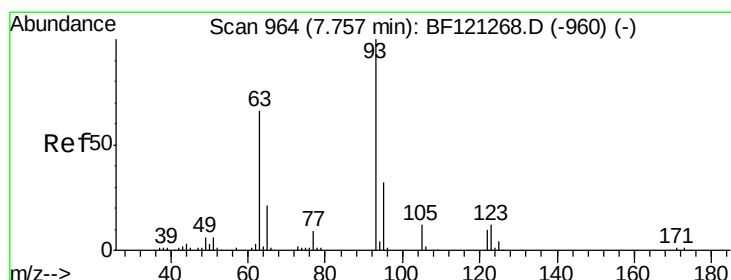
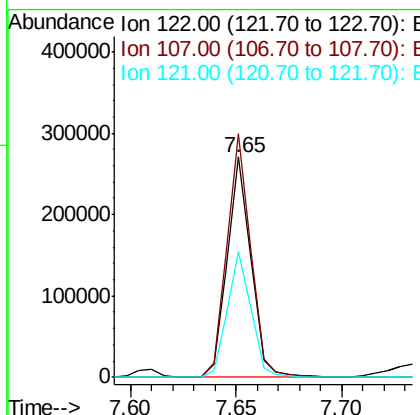
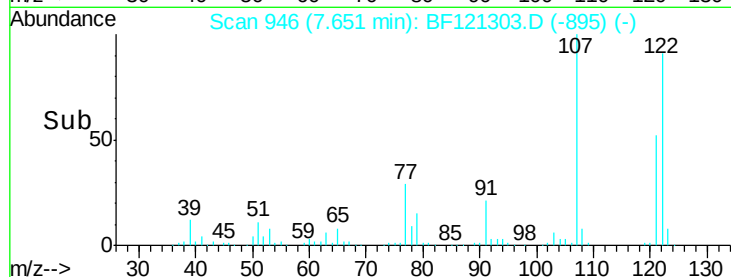
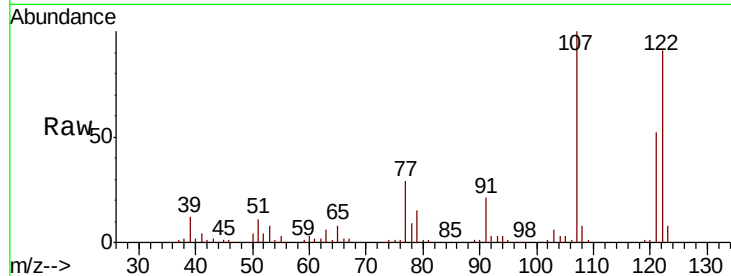
#27
2,4-Dimethylphenol
Concen: 43.428 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	209925		
107	110.5	87.2	130.8	
121	56.9	45.7	68.5	

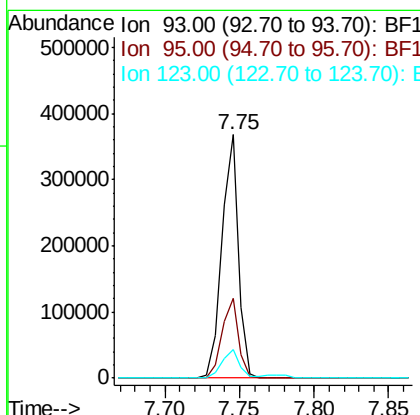
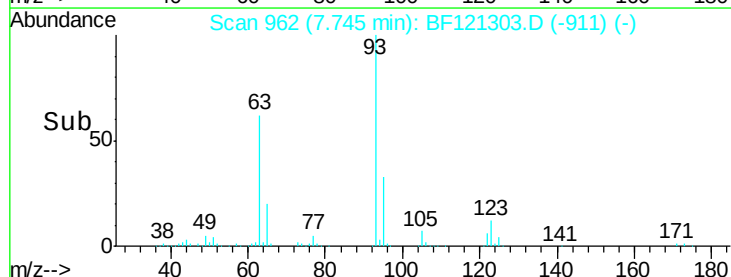
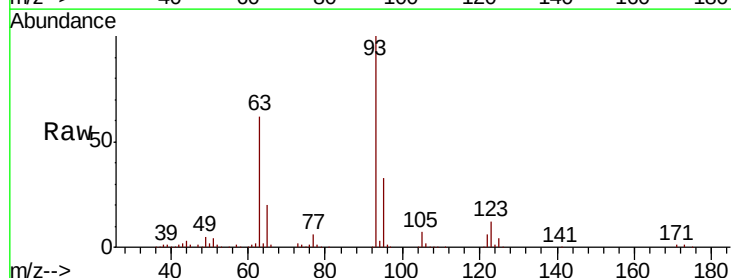
Manual Integrations
APPROVED

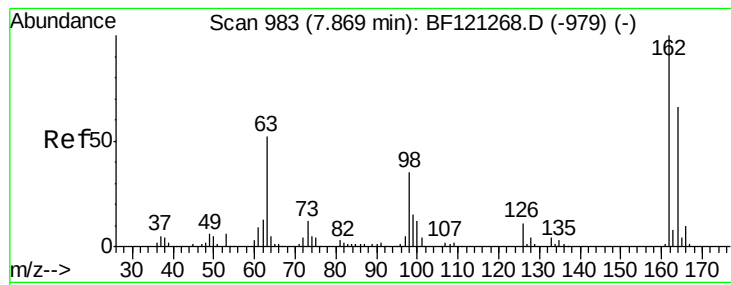
mohammad
8/18/2020 1:49:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.700 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	288055		
95	33.0	26.7	40.1	
123	11.9	9.1	13.7	





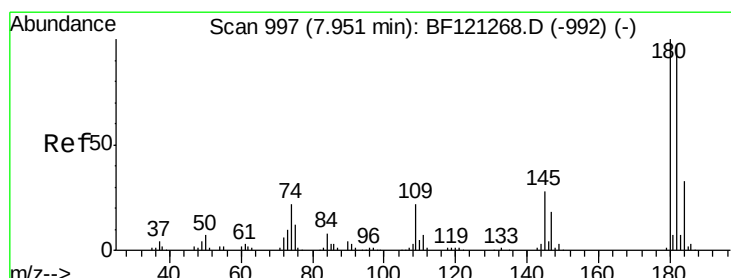
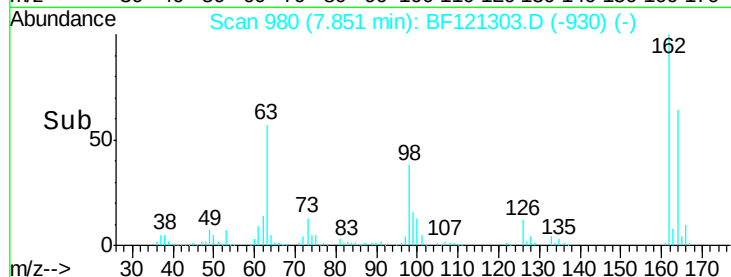
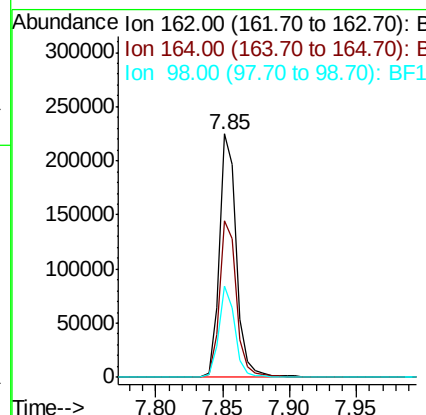
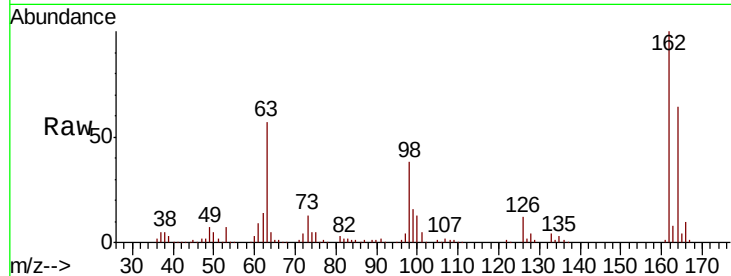
#29
2,4-Dichlorophenol
Concen: 41.025 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		202791		
164	64.1	45.0	85.0		
98	37.7	13.7	53.7		

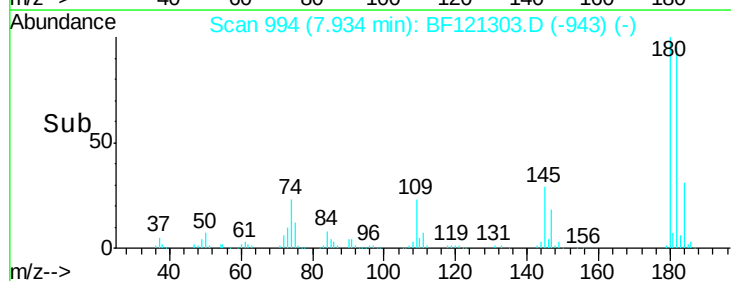
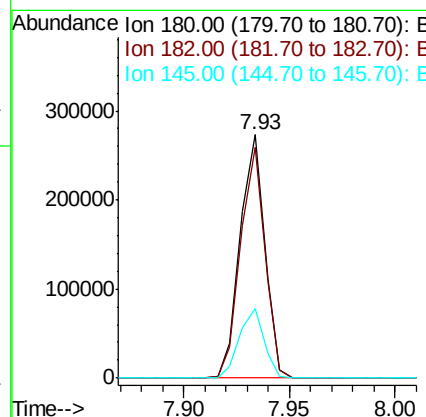
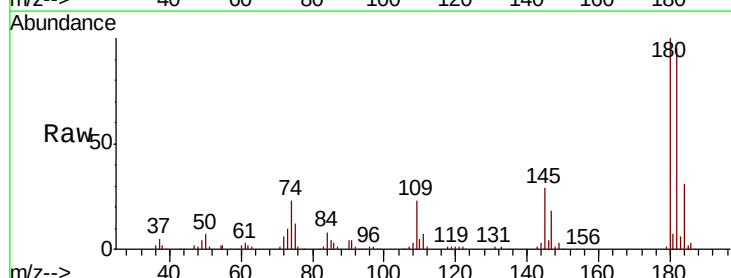
Manual Integrations
APPROVED

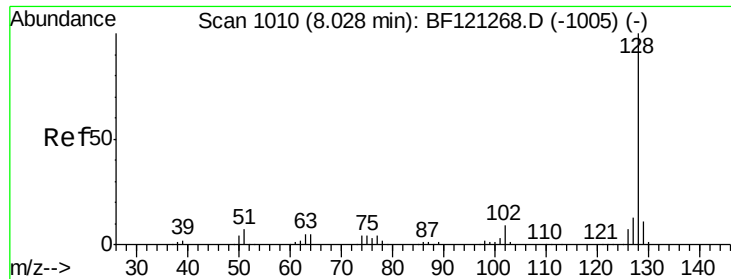
mohammad
8/18/2020 1:49:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.358 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		220182		
182	94.5	75.8	113.6		
145	28.7	23.4	35.0		





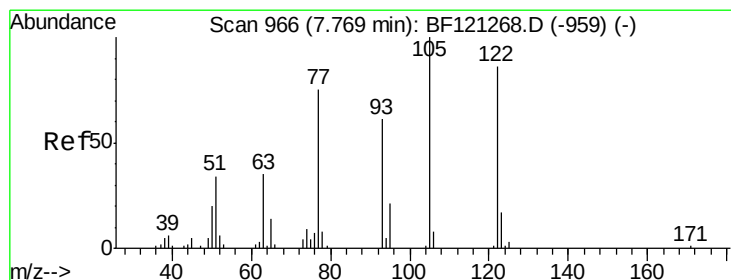
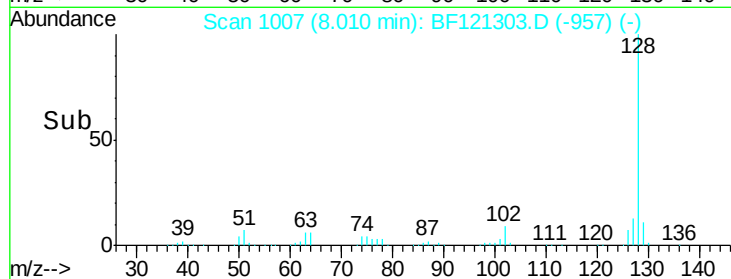
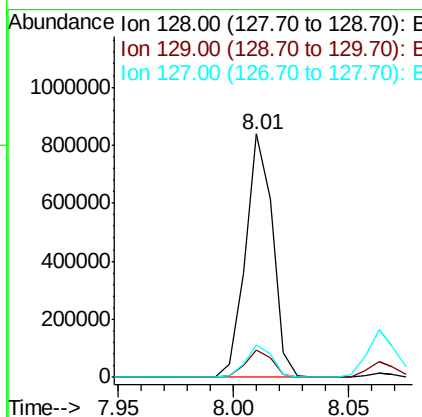
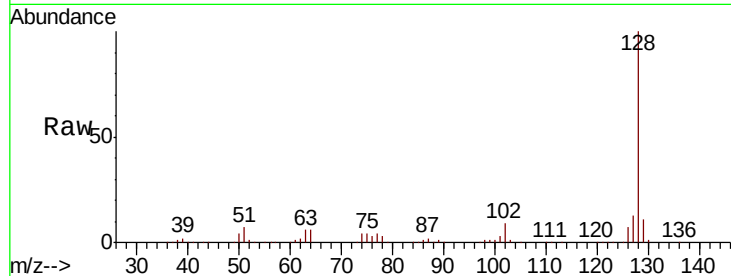
#31
Naphthalene
Concen: 39.125 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	690336		
129	11.5		8.8	13.2
127	13.5		10.6	15.8

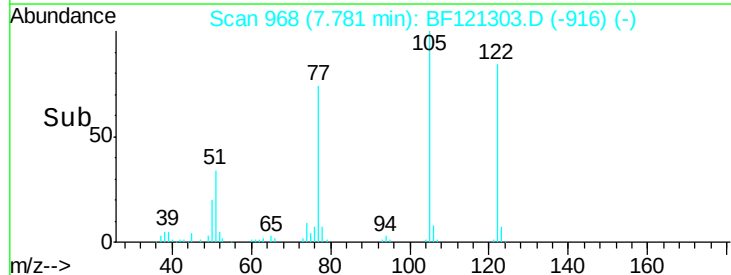
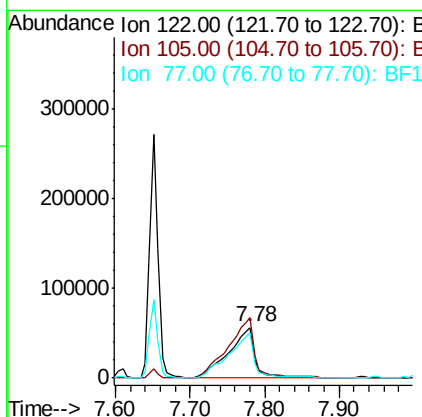
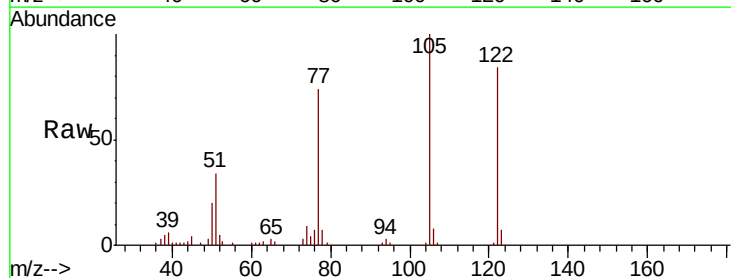
Manual Integrations
APPROVED

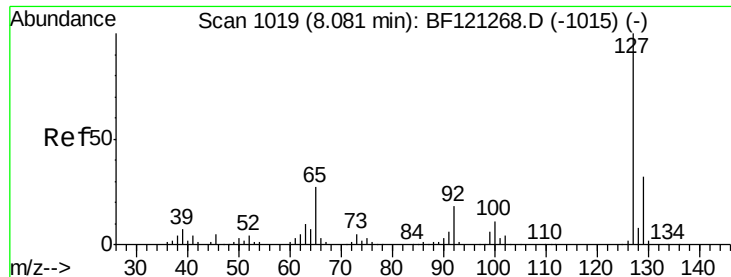
mohammad
8/18/2020 1:49:55 PM



#32
Benzoic acid
Concen: 50.562 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	137068		
105	119.0		101.1	141.1
77	87.9		67.8	107.8





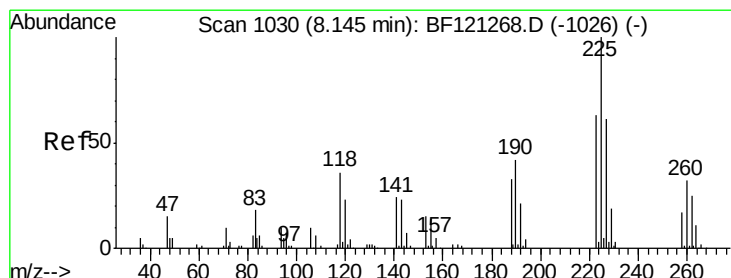
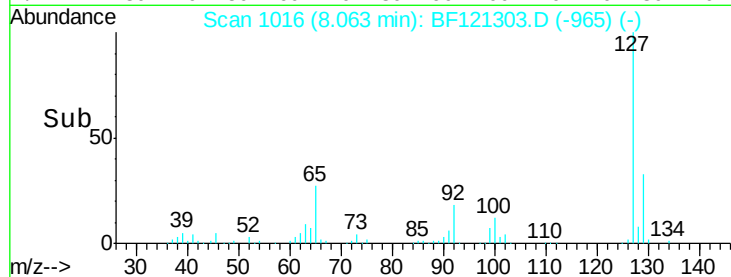
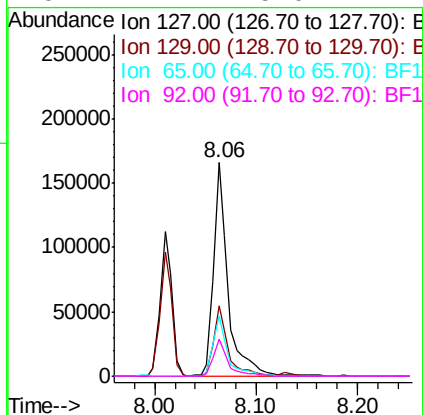
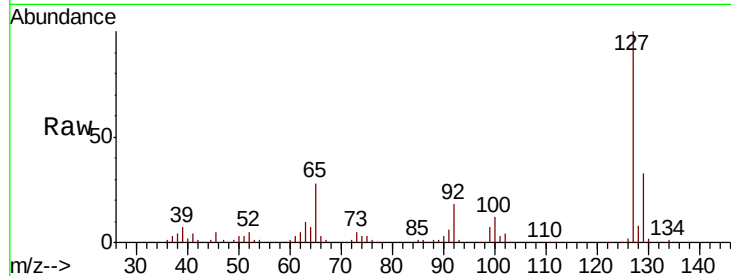
#33
4-Chloroaniline
Concen: 22.880 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.7	38.5		
65	28.2	22.9	34.3		
92	17.7	15.0	22.4		

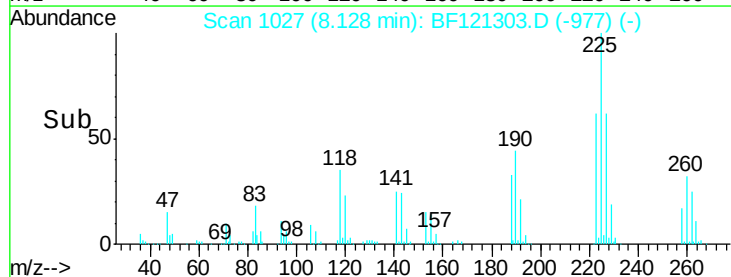
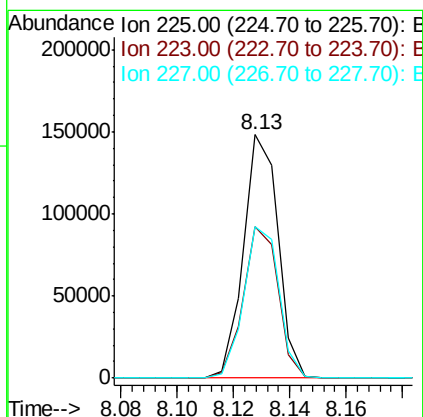
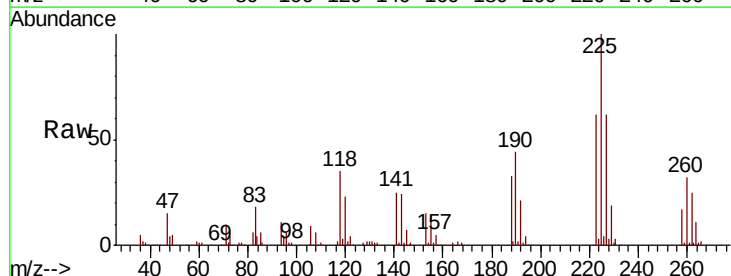
Manual Integrations
APPROVED

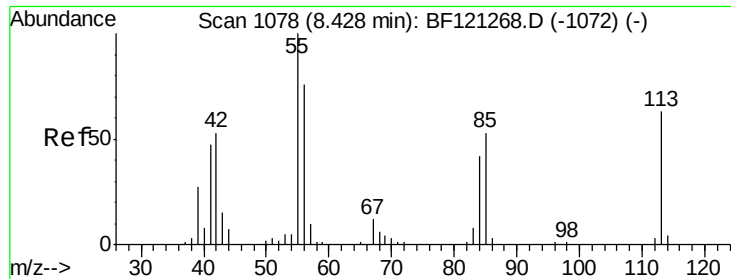
mohammad
8/18/2020 1:49:55 PM



#34
Hexachlorobutadiene
Concen: 38.082 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	51.0	76.4		
227	62.4	51.0	76.4		





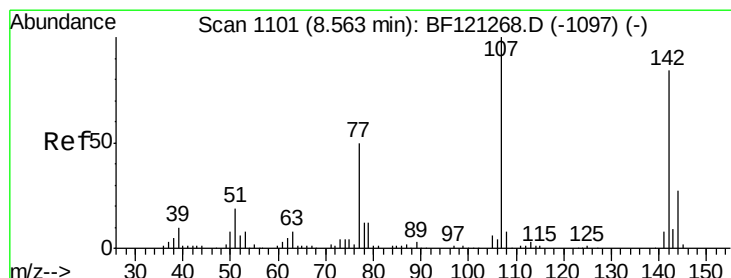
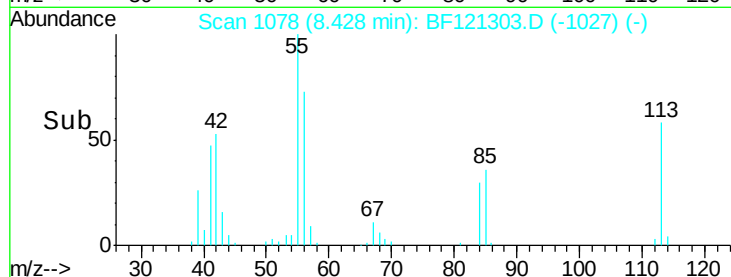
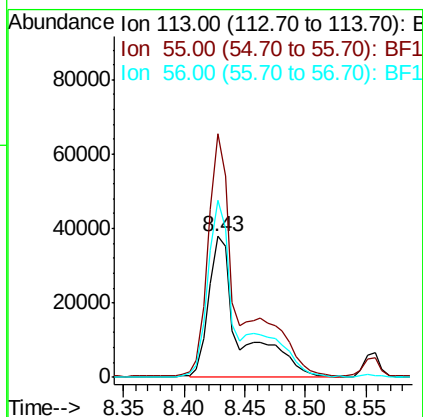
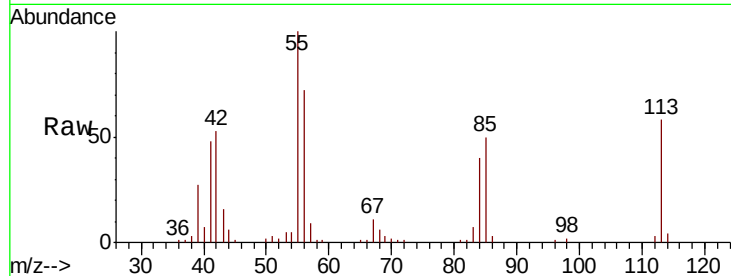
#35
 Caprolactam
 Concen: 46.335 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.9	146.1	186.1
56	125.3	103.3	143.3

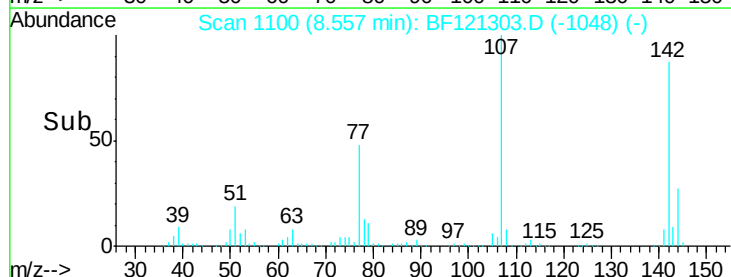
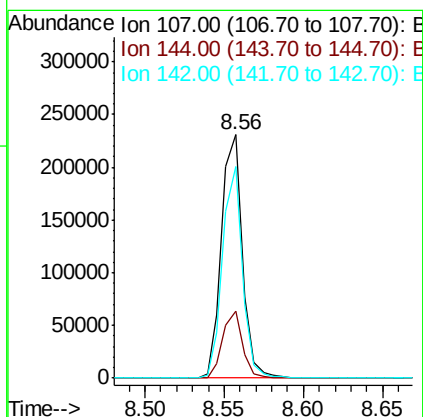
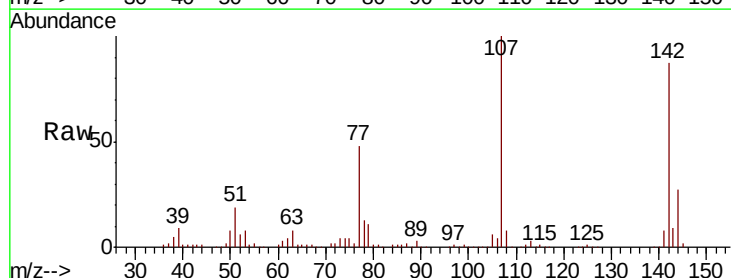
Manual Integrations
 APPROVED

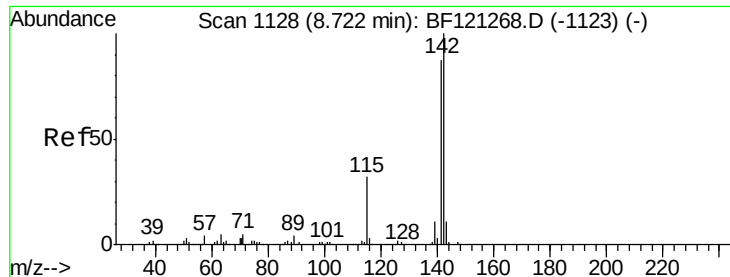
mohammad
 8/18/2020 1:49:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.938 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.4	30.6
142	86.9	63.8	95.8





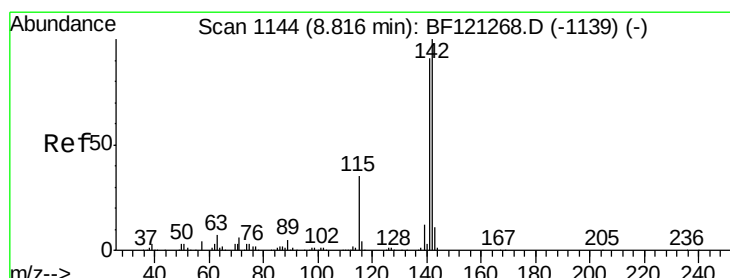
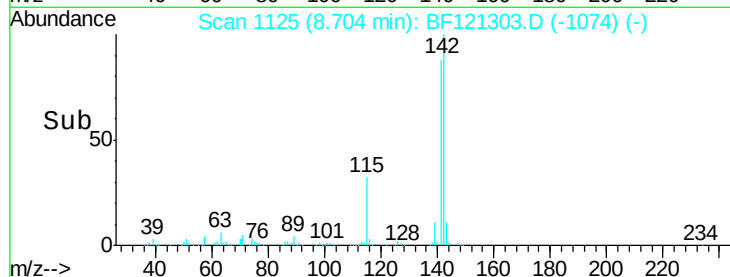
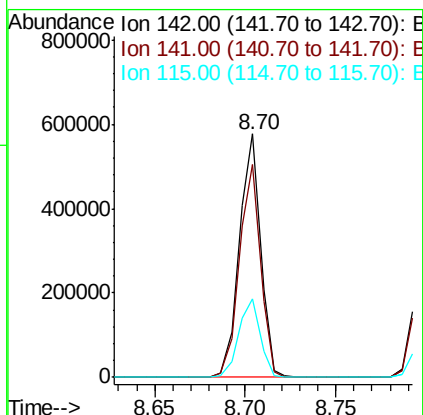
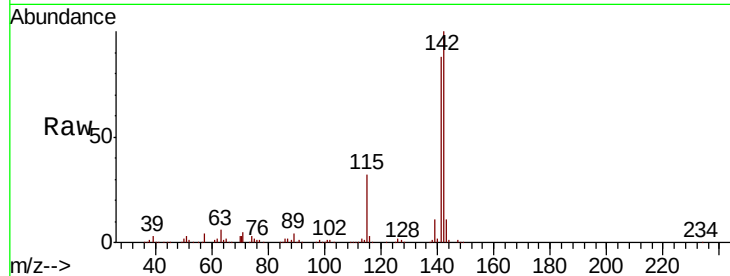
#37
2-Methylnaphthalene
Concen: 40.484 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.2	103.8
115	32.4	25.8	38.8

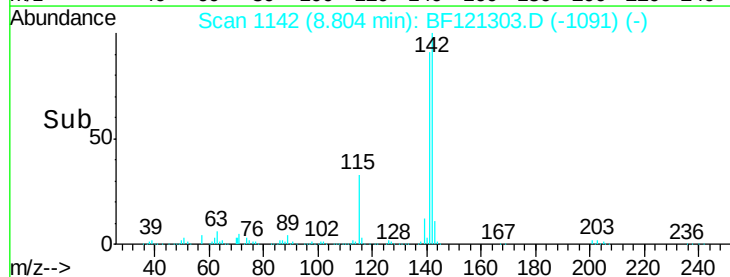
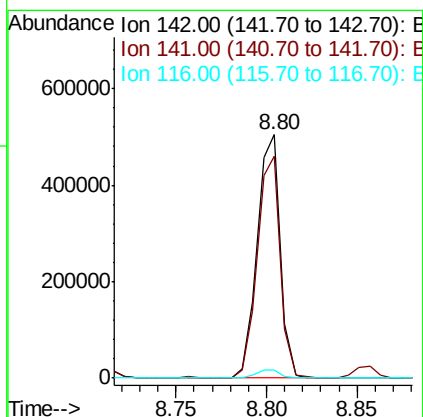
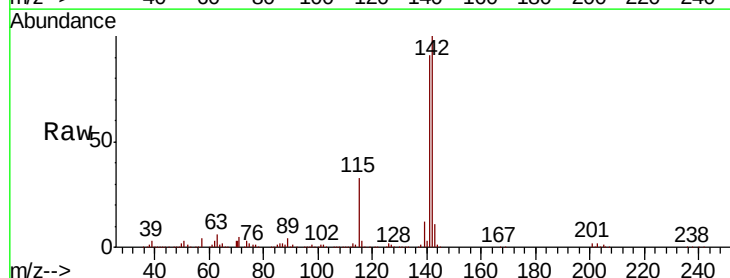
Manual Integrations
APPROVED

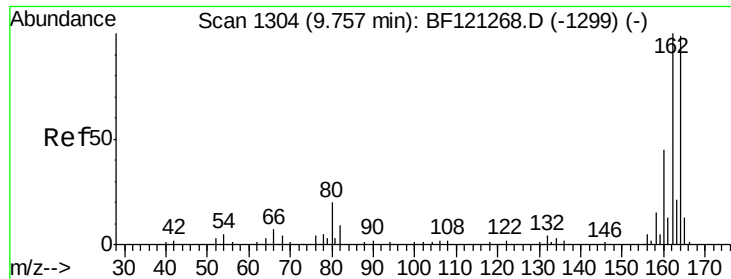
mohammad
8/18/2020 1:49:55 PM



#38
1-Methylnaphthalene
Concen: 40.493 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	109.0
116	3.3	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

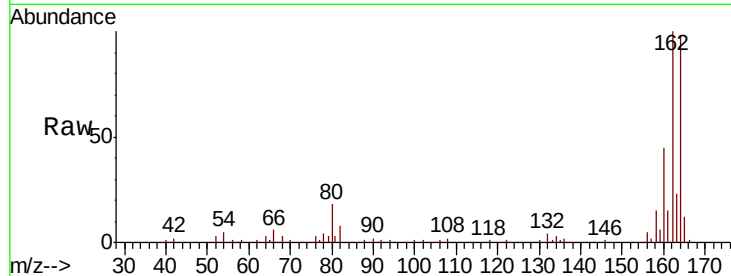
ClientSampleId :

BW-STOCKMS

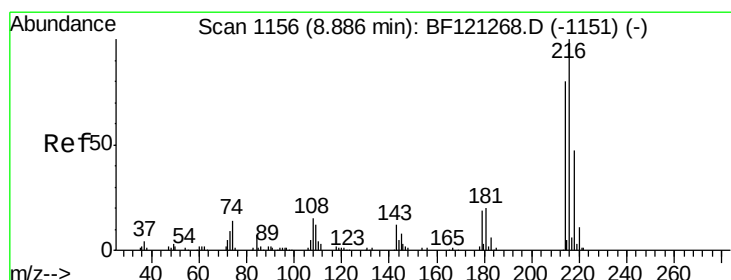
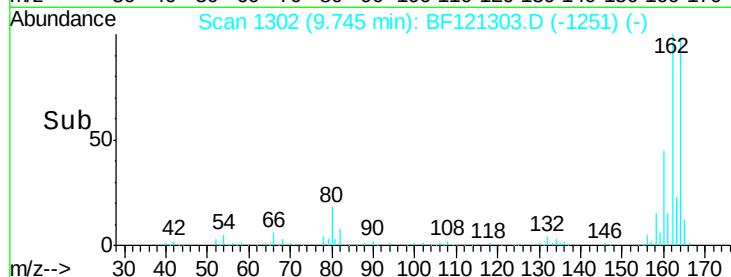
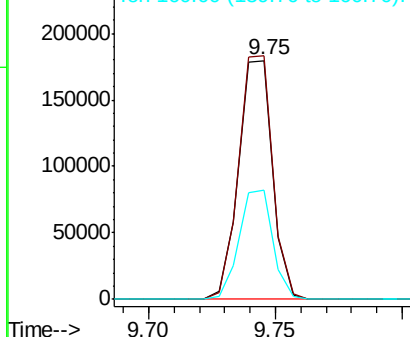
Tot Ion:	164	Resp:	166892
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.2	120.2
160	45.6	36.5	54.7

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.598 ng

RT: 8.87 min Scan# 1153

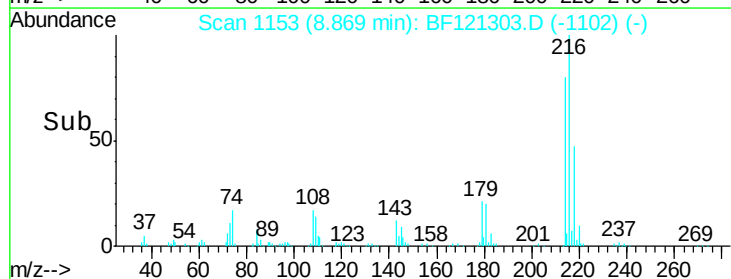
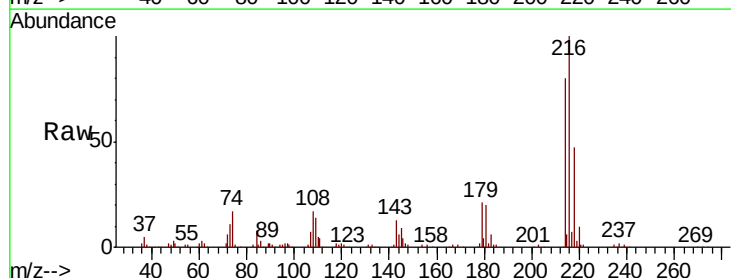
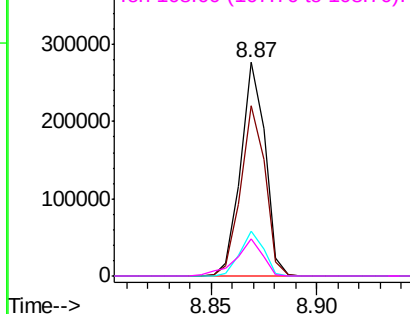
Delta R.T. 0.00 min

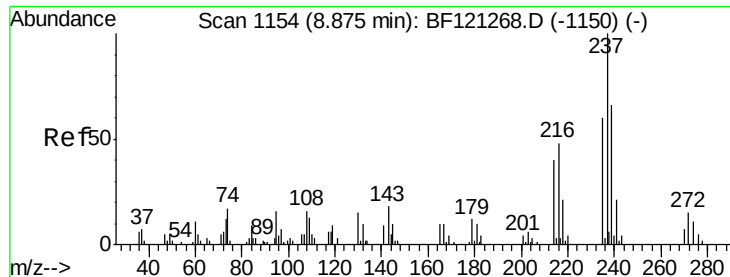
Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:	216	Resp:	221434
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.2	94.8
179	20.3	15.8	23.6
108	19.4	14.1	21.1

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





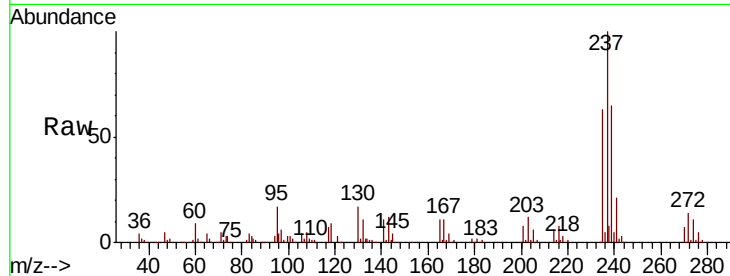
#41
Hexachlorocyclopentadiene
Concen: 74.420 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

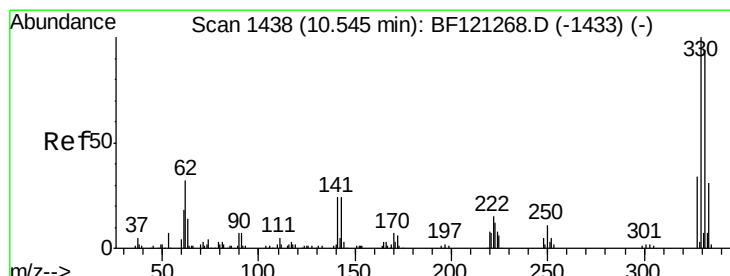
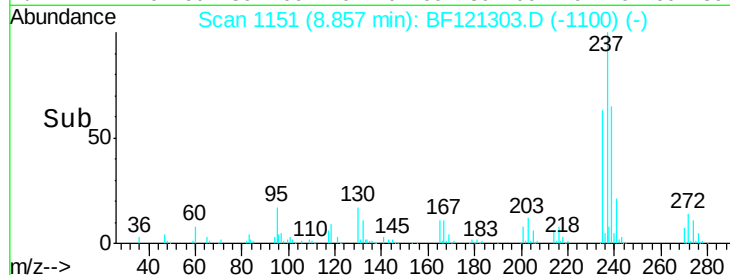
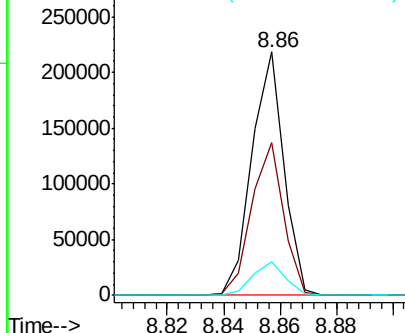
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	41.5	81.5
272	13.7	0.0	34.2

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM

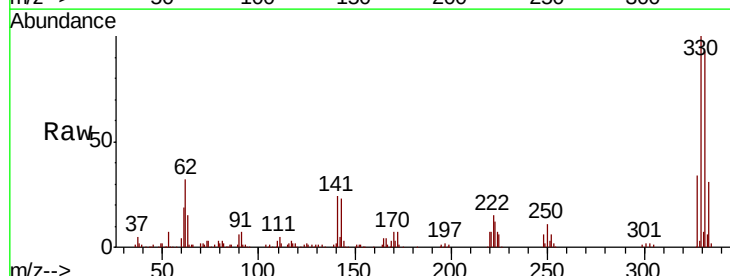


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

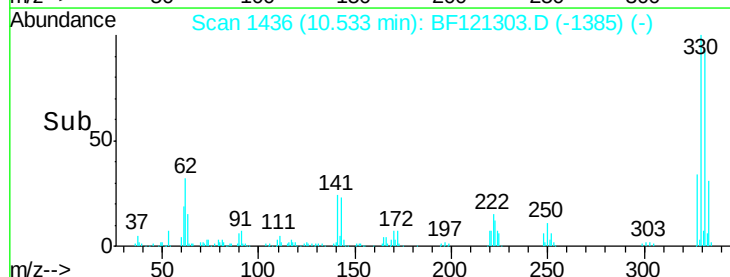
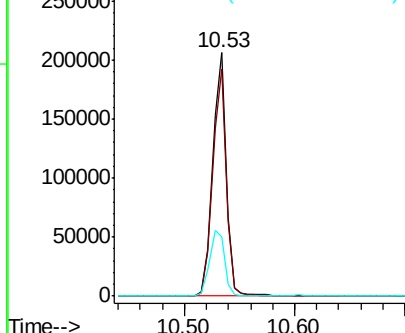


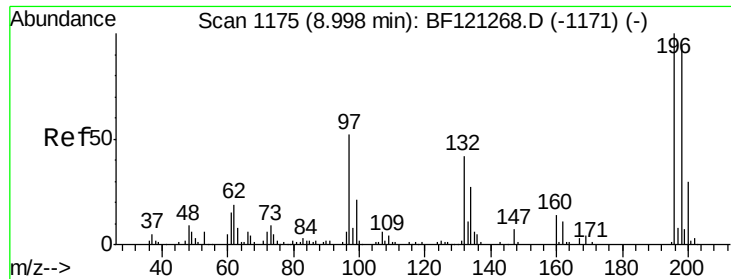
#42
2,4,6-Tribromophenol
Concen: 83.843 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	93.1	77.4	116.0
141	29.4	24.2	36.4



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





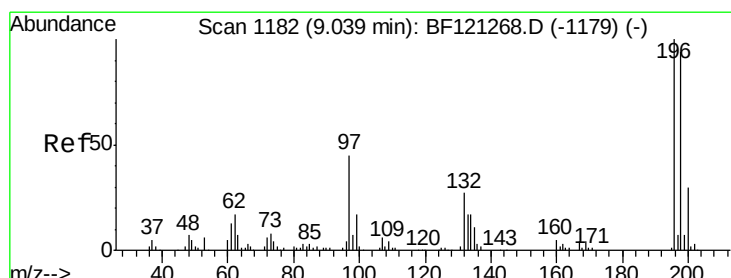
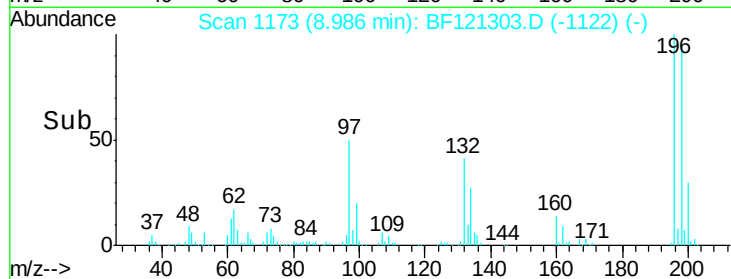
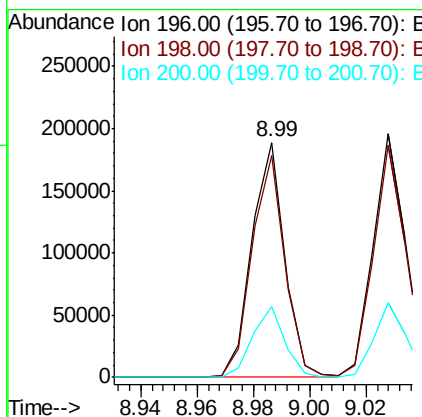
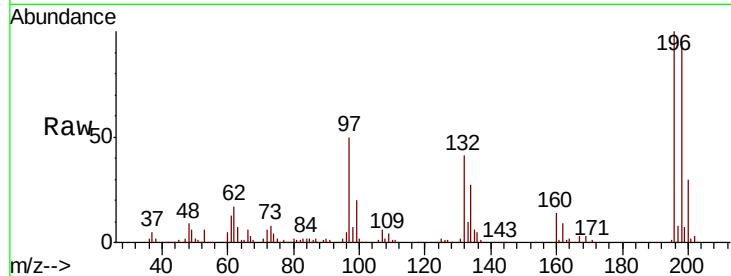
#43
 2,4,6-Trichlorophenol
 Concen: 42.918 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion:	196	Resp:	152634
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.9	115.3
200	30.3	24.6	37.0

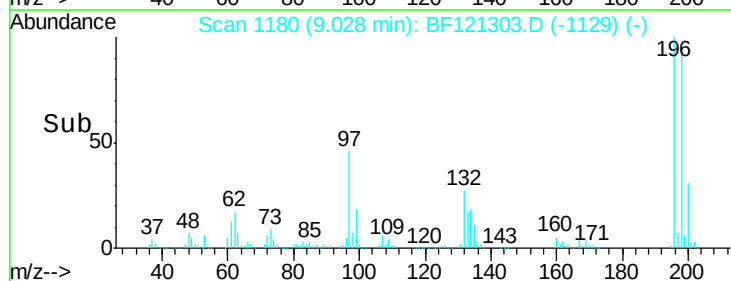
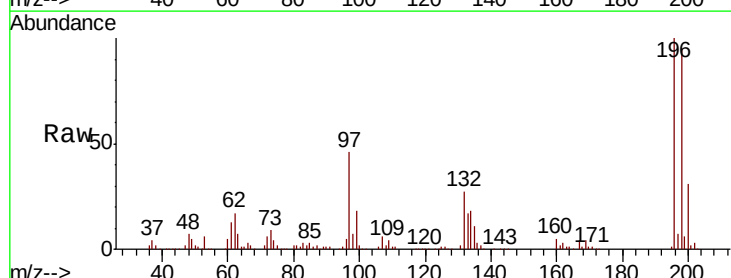
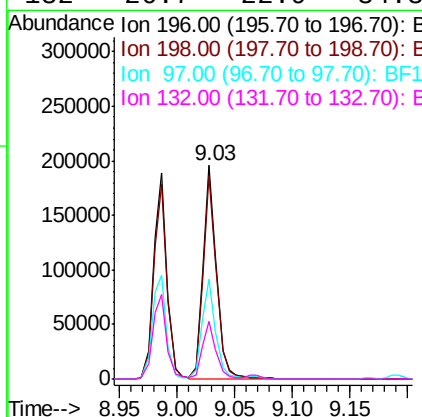
Manual Integrations
 APPROVED

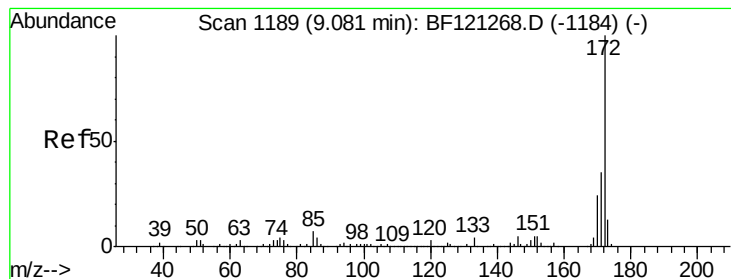
mohammad
 8/18/2020 1:49:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.182 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion:	196	Resp:	162943
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.5	113.3
97	46.5	39.4	59.2
132	26.7	22.9	34.3





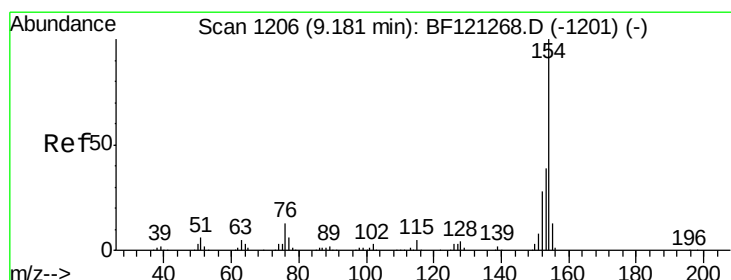
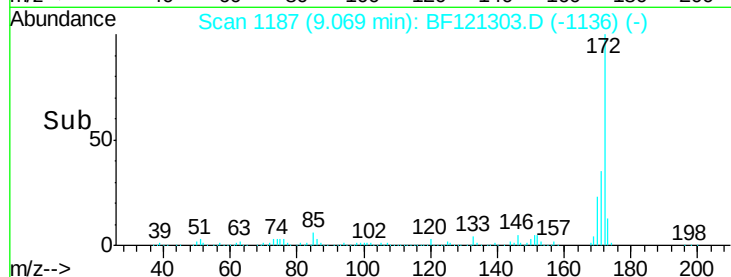
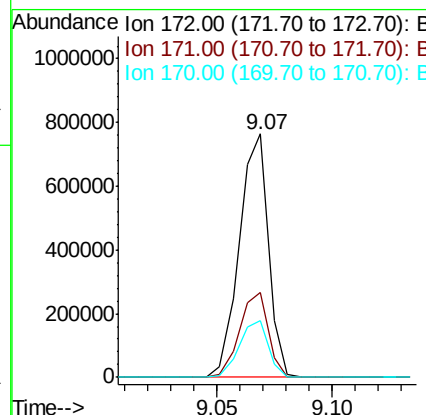
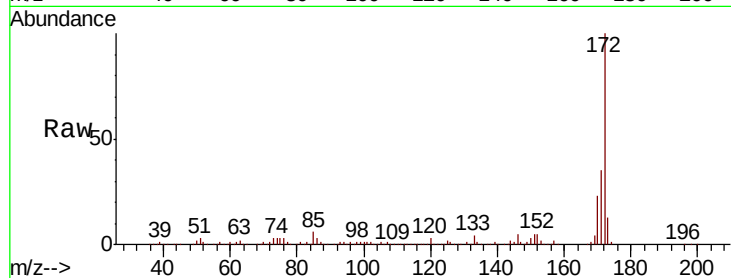
#45
2-Fluorobiphenyl
Concen: 55.501 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.3	19.3	28.9

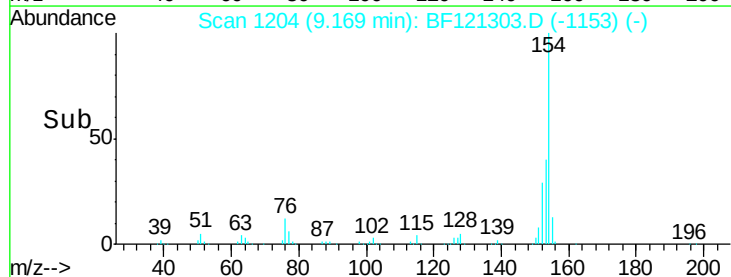
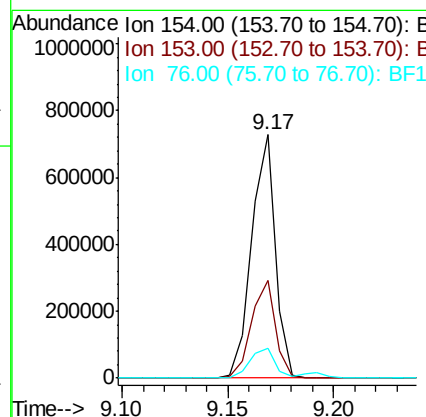
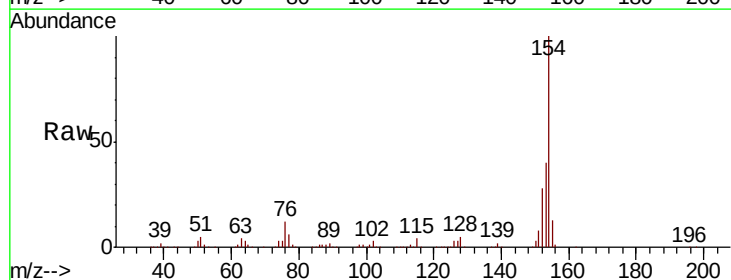
Manual Integrations
APPROVED

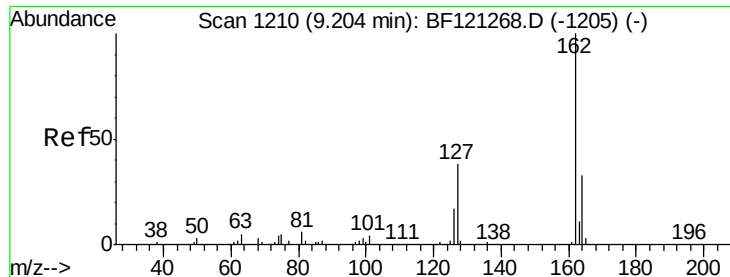
mohammad
8/18/2020 1:49:55 PM



#46
1,1'-Biphenyl
Concen: 39.427 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	12.1	0.0	31.9





#47

2-Chloronaphthalene

Concen: 39.027 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

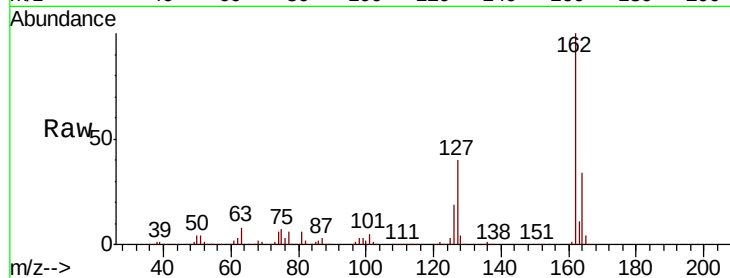
ClientSampleId :

BW-STOCKMS

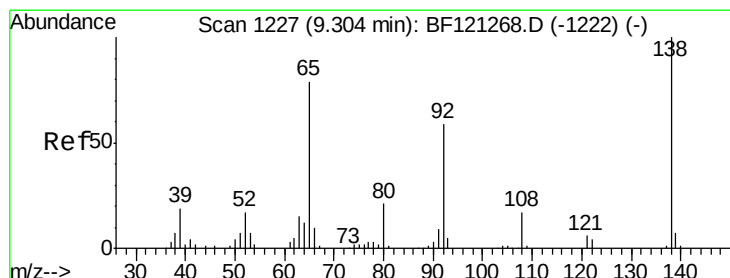
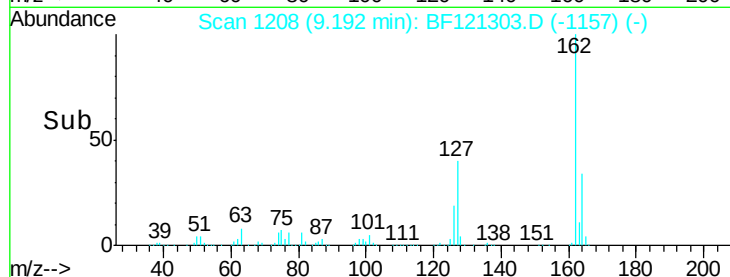
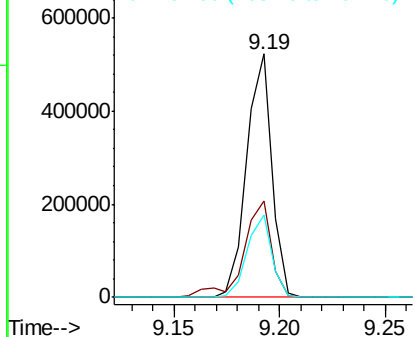
Tot Ion:	162	Resp:	433218
Ion Ratio		Lower	Upper
162	100		
127	39.7	31.4	47.2
164	33.8	26.5	39.7

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



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



#48

2-Nitroaniline

Concen: 43.962 ng

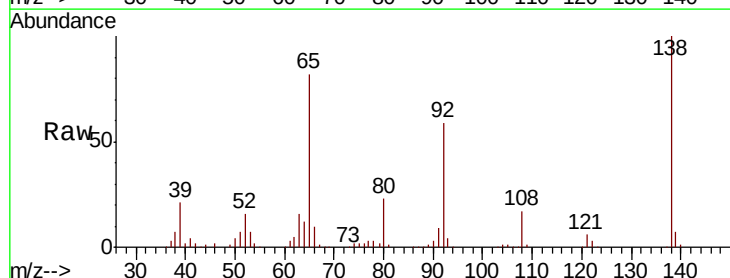
RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

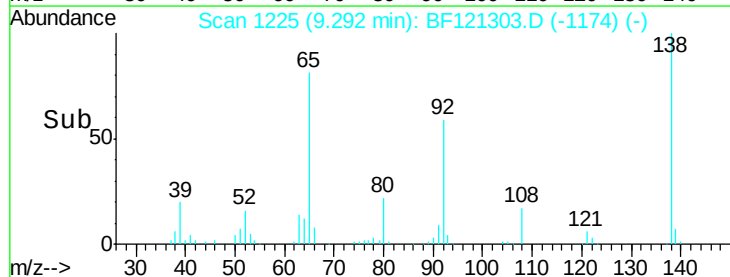
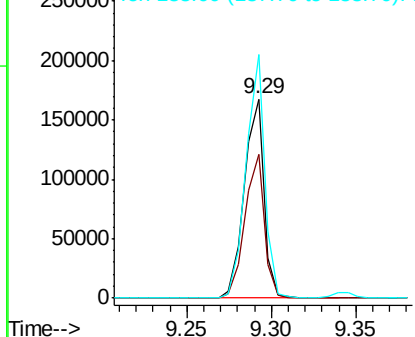
Lab File: BF121303.D

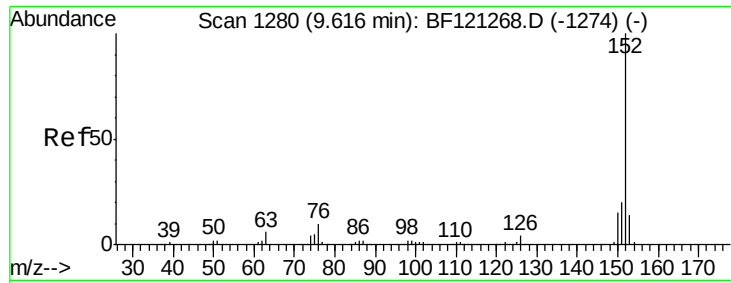
Acq: 17 Aug 2020 11:40

Tgt Ion:	65	Resp:	137170
Ion Ratio		Lower	Upper
65	100		
92	72.4	58.2	87.2
138	122.4	97.5	146.3



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





#49

Acenaphthylene

Concen: 39.954 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

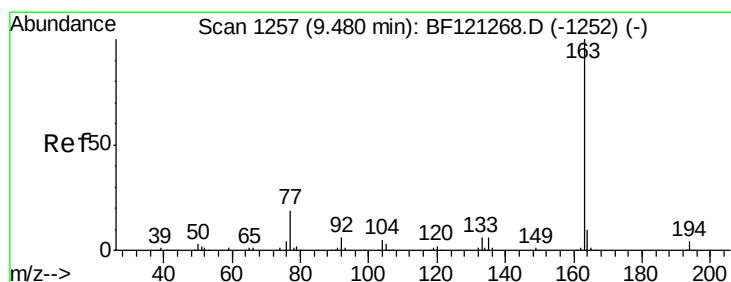
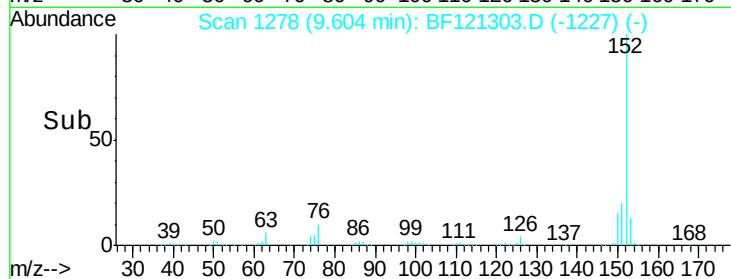
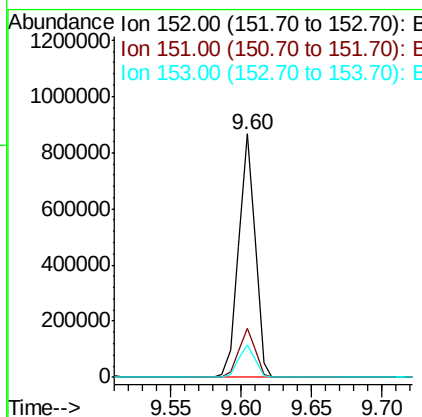
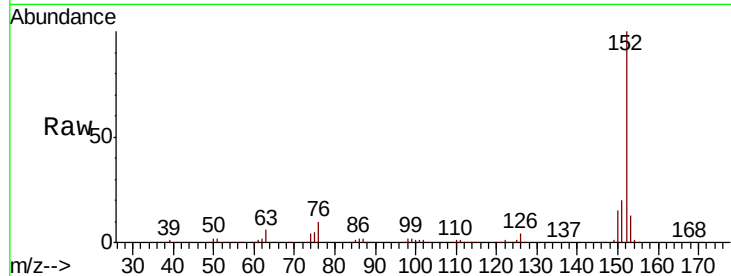
ClientSampleId :

BW-STOCKMS

Tot Ion:	152	Resp:	704433
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.3	10.6	15.8

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#50

Dimethylphthalate

Concen: 49.060 ng

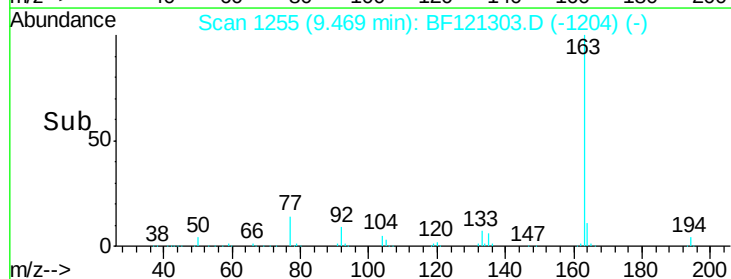
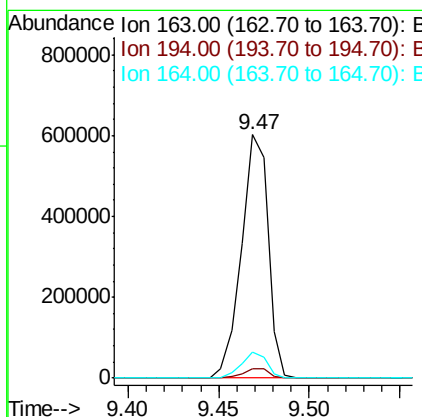
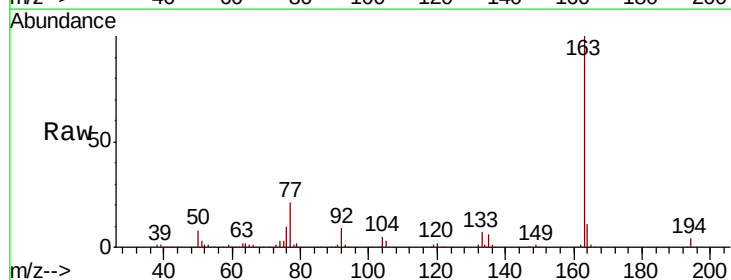
RT: 9.47 min Scan# 1255

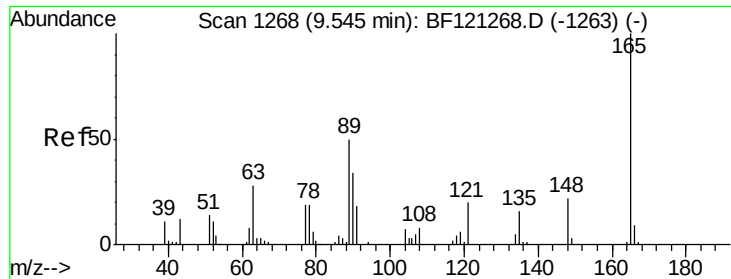
Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:	163	Resp:	616111
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.5	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 41.521 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

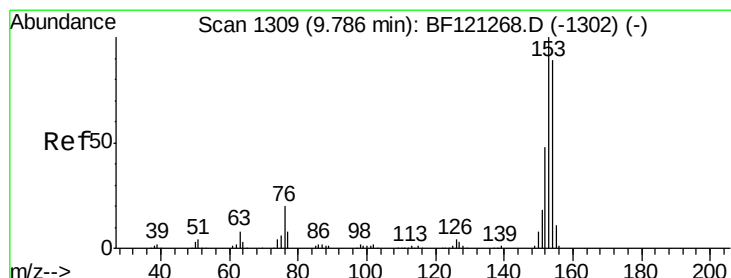
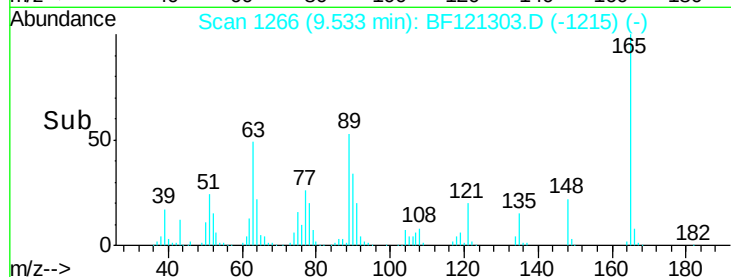
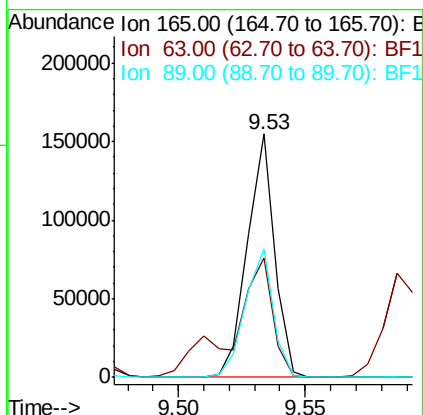
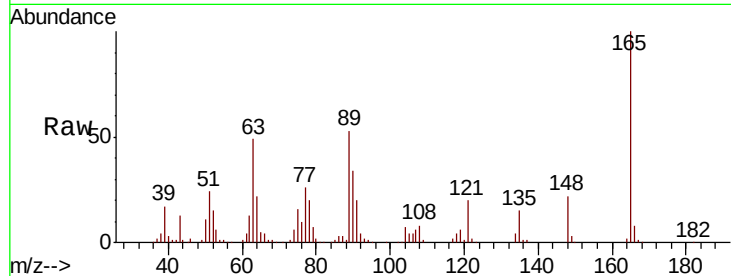
ClientSampleId :

BW-STOCKMS

Tot Ion:	165	Resp:	116234
Ion Ratio	Lower	Upper	
165	100		
63	48.9	42.0	63.0
89	52.8	44.7	67.1

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#52

Acenaphthene

Concen: 39.374 ng

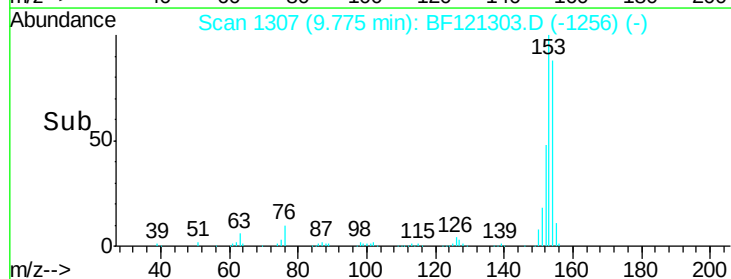
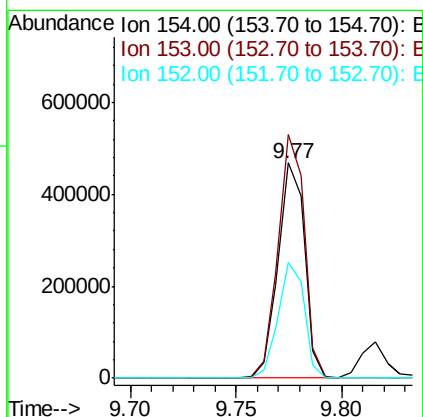
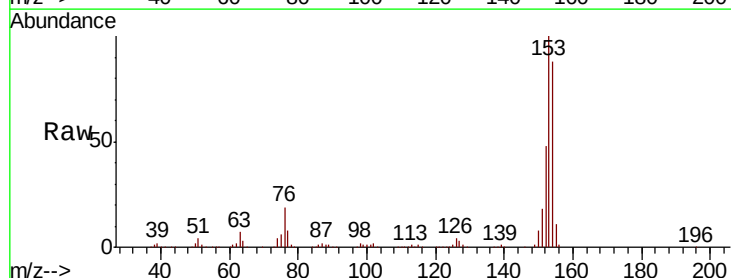
RT: 9.77 min Scan# 1307

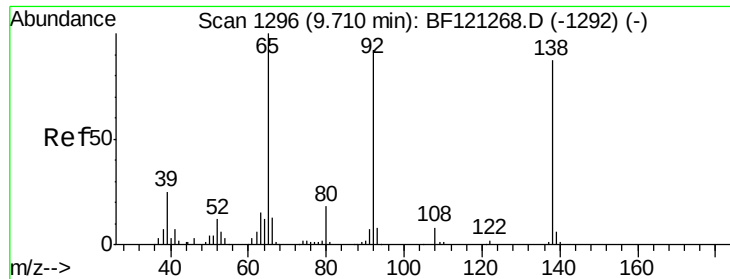
Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:	154	Resp:	411014
Ion Ratio	Lower	Upper	
154	100		
153	113.2	88.0	132.0
152	53.8	43.0	64.4





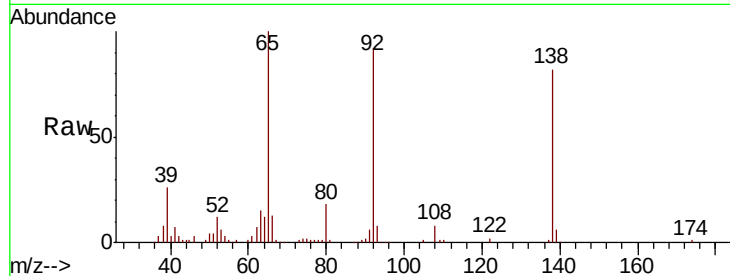
#53
3-Nitroaniline
Concen: 27.771 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.6	11.4
92	111.6	82.6	123.8

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM

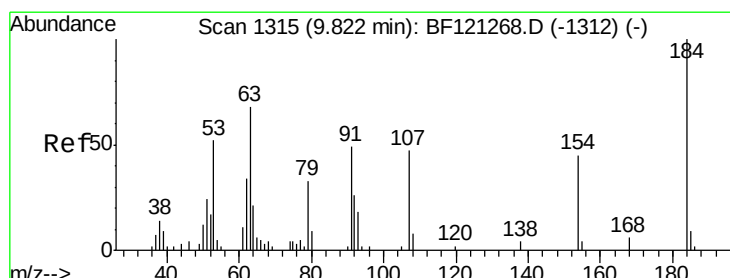
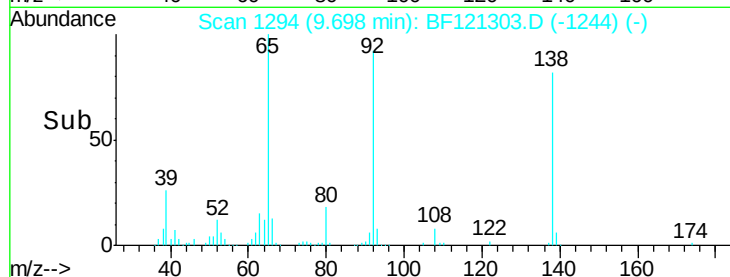
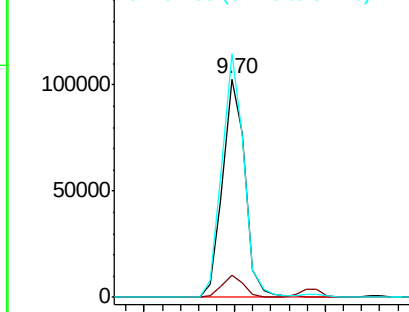


Abundance

Ion 138.00 (137.70 to 138.70): E

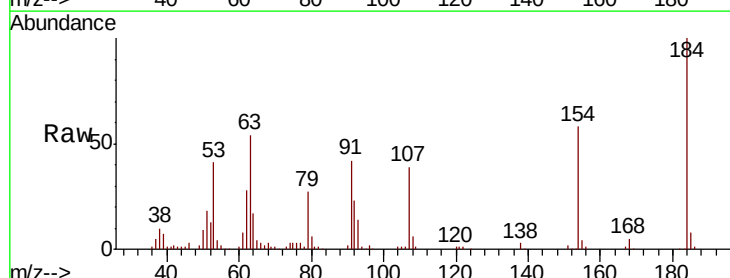
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.033 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	45.3	67.9
154	58.2	46.4	69.6

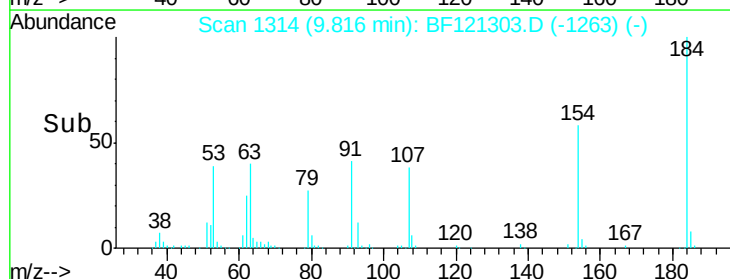
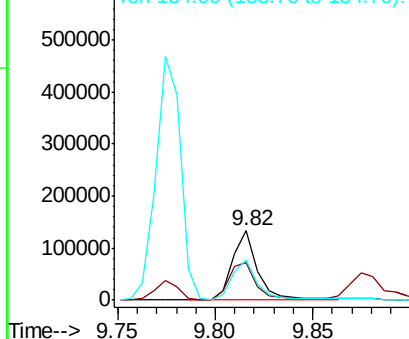


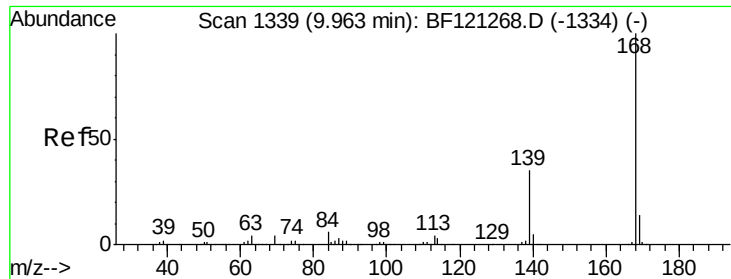
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





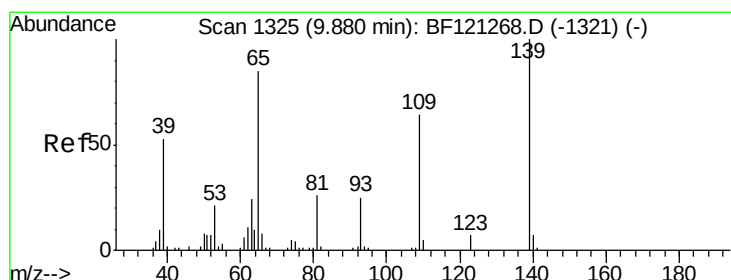
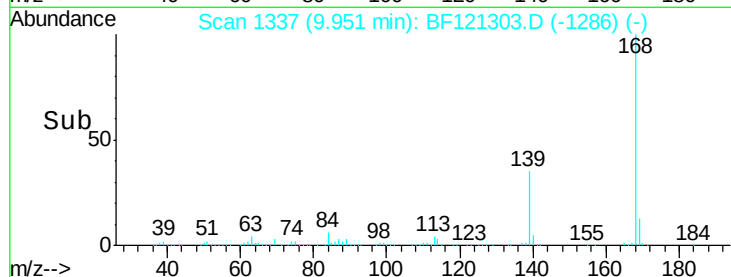
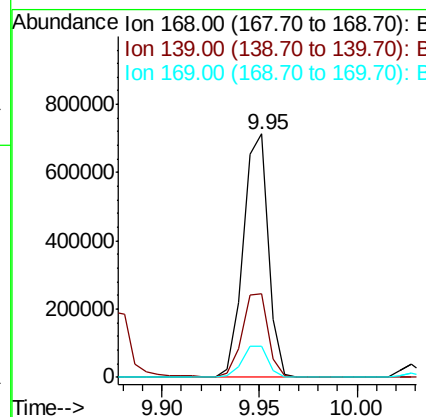
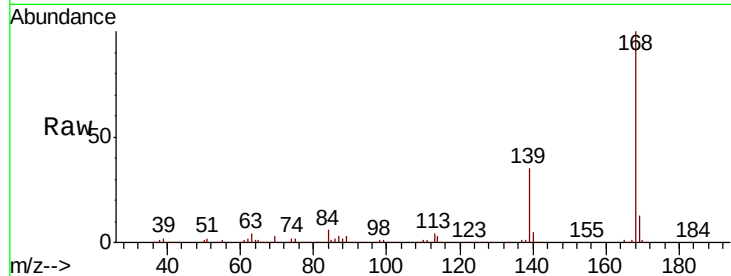
#55
Dibenzofuran
Concen: 37.996 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	27.9	41.9
169	13.0	10.5	15.7

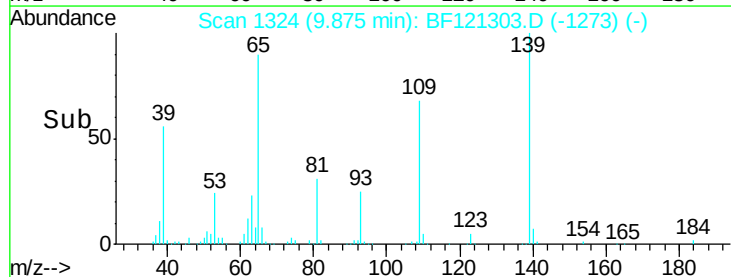
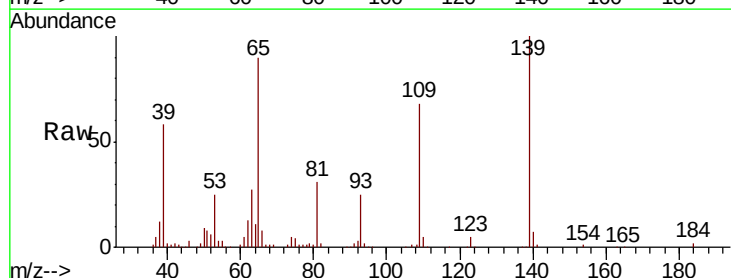
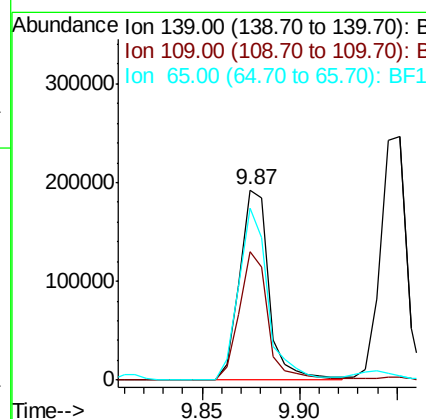
Manual Integrations
APPROVED

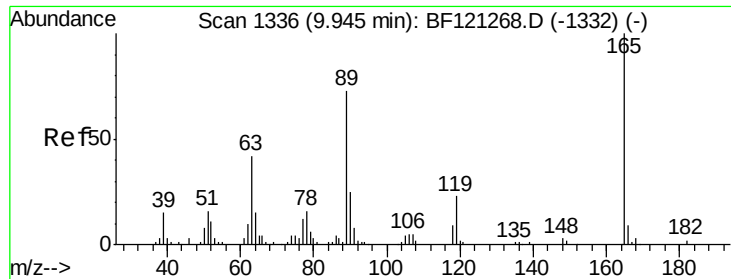
mohammad
8/18/2020 1:49:55 PM



#56
4-Nitrophenol
Concen: 97.554 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	44.3	84.3
65	90.3	62.4	102.4





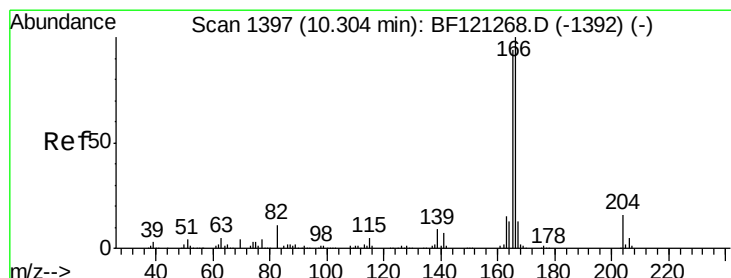
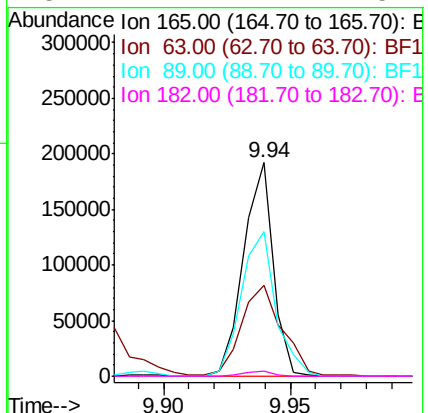
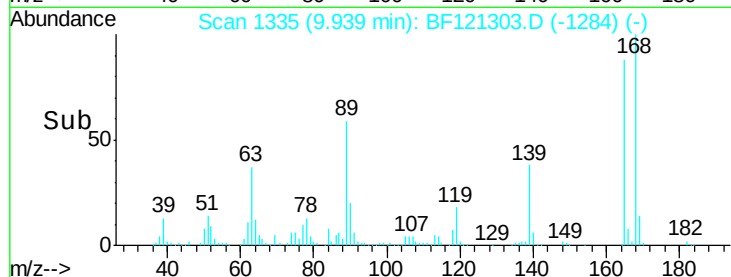
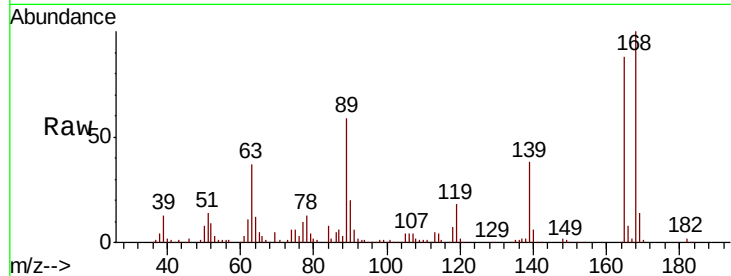
#57
2,4-Dinitrotoluene
Concen: 42.579 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		156429		
63	42.6	31.7	47.5		
89	67.7	52.8	79.2		
182	2.4	2.1	3.1		

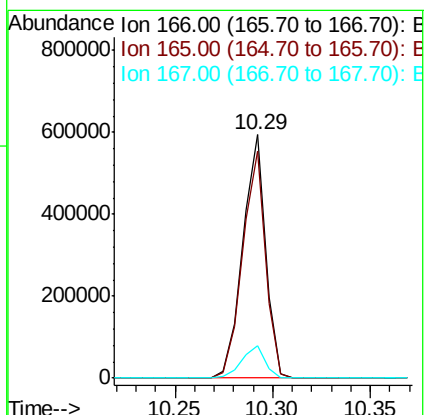
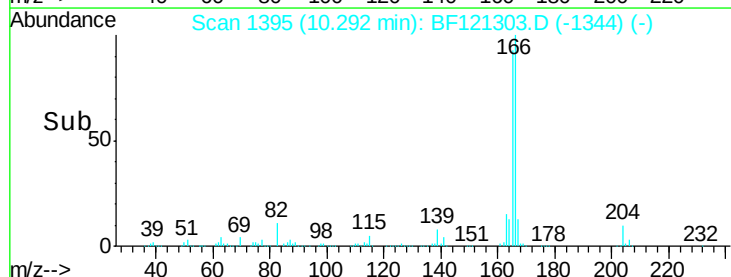
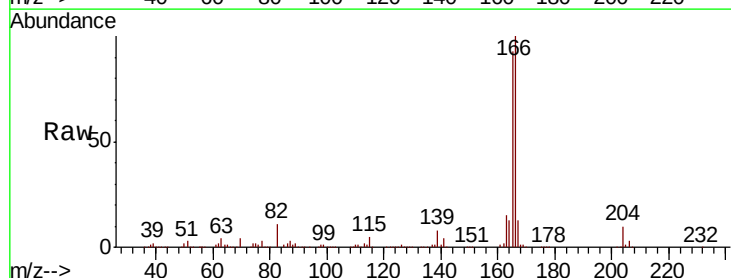
Manual Integrations
APPROVED

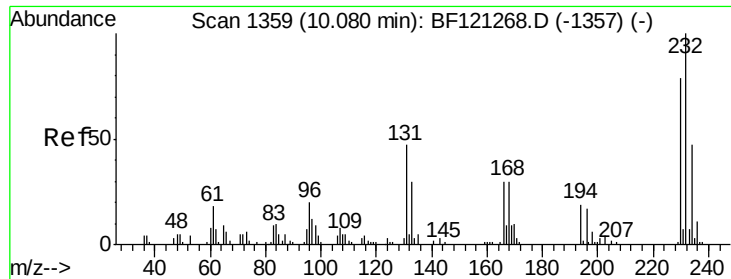
mohammad
8/18/2020 1:49:55 PM



#58
Fluorene
Concen: 38.281 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		481708		
165	93.4	74.5	111.7		
167	13.4	10.7	16.1		





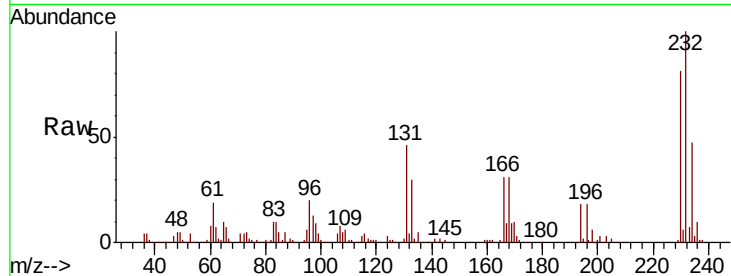
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.853 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

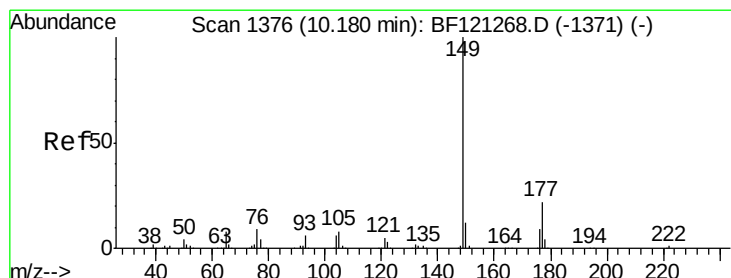
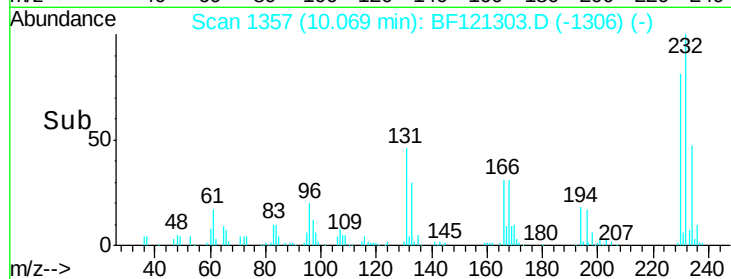
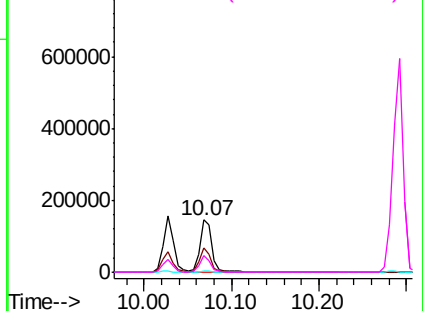
Tot Ion	Ratio	Resp	Lower	Upper
232	100	140046		
131	42.3		33.6	50.4
130	2.1		1.4	2.2
166	28.6		22.9	34.3

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM

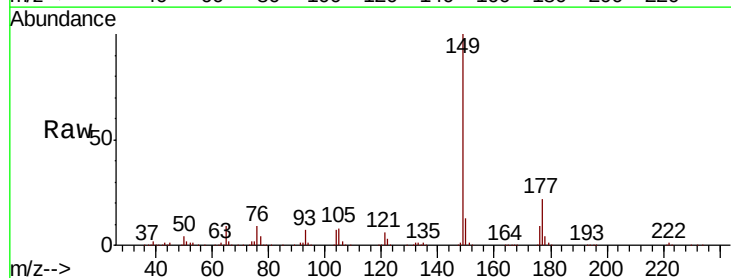


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

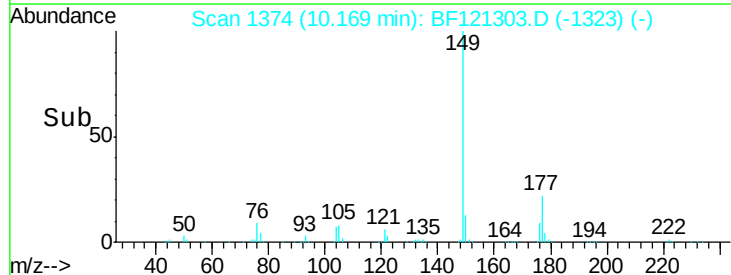
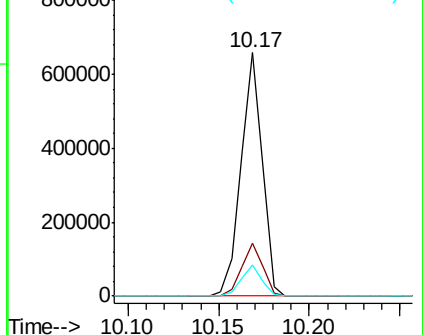


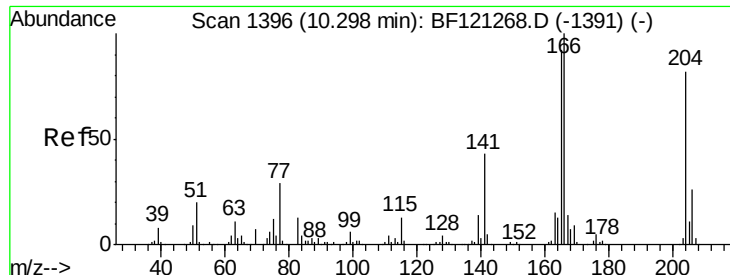
#60
Diethylphthalate
Concen: 41.787 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	533646		
177	21.7		17.3	25.9
150	12.5		10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





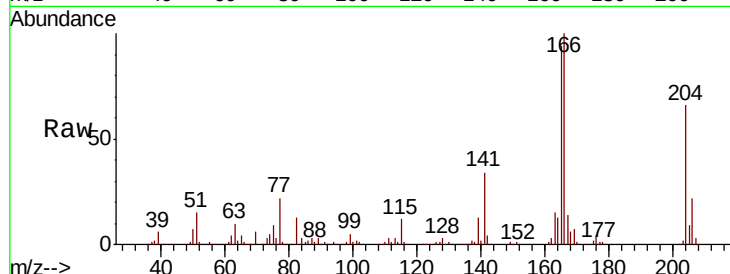
#61
 4-Chlorophenyl-phenylether
 Concen: 38.806 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

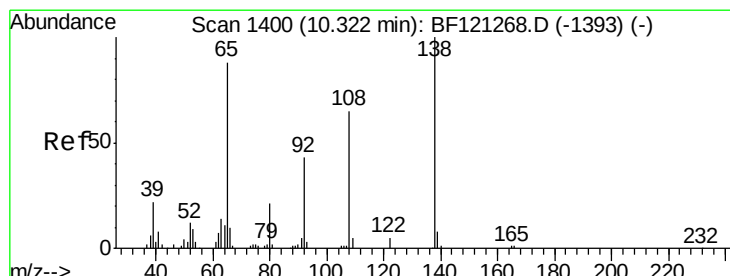
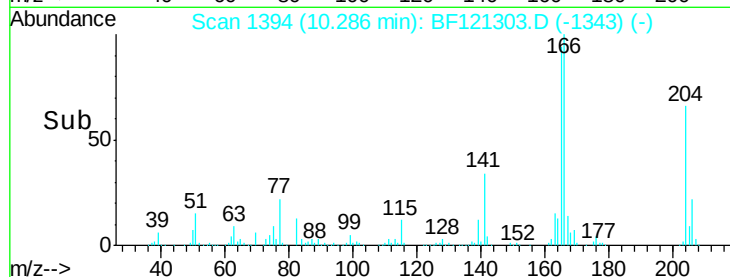
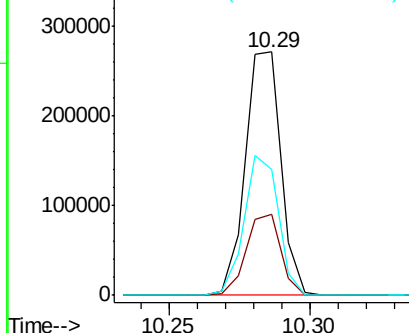
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	51.7	41.7	62.5

Manual Integrations
 APPROVED

mohammad
 8/18/2020 1:49:55 PM

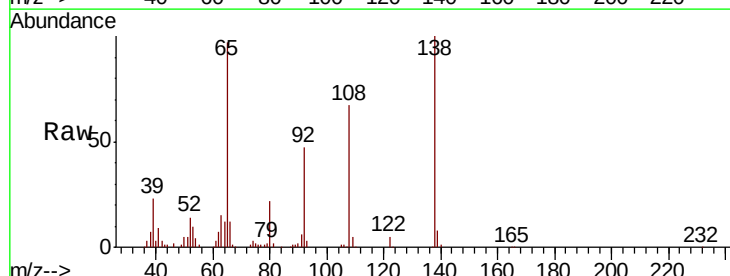


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

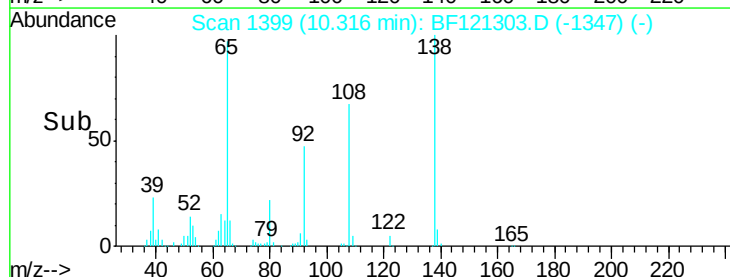
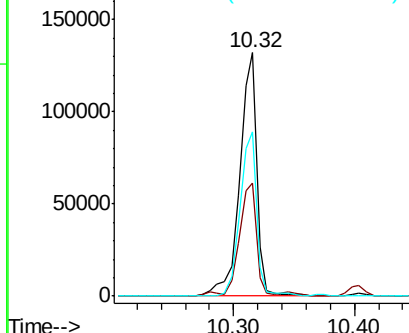


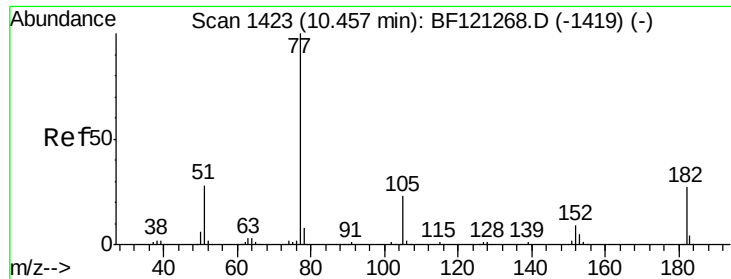
#62
 4-Nitroaniline
 Concen: 40.925 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.2	68.2
108	67.5	50.0	90.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





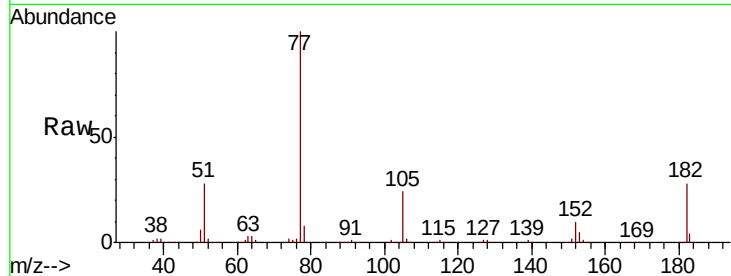
#63
Azobenzene
Concen: 39.123 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

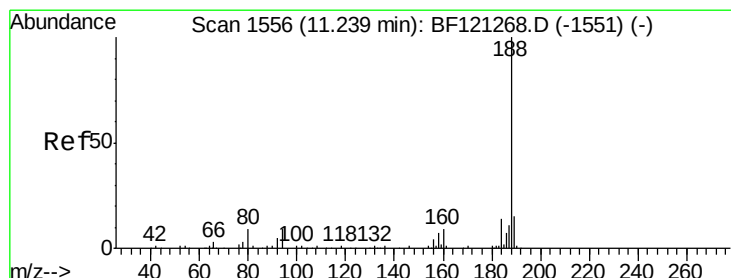
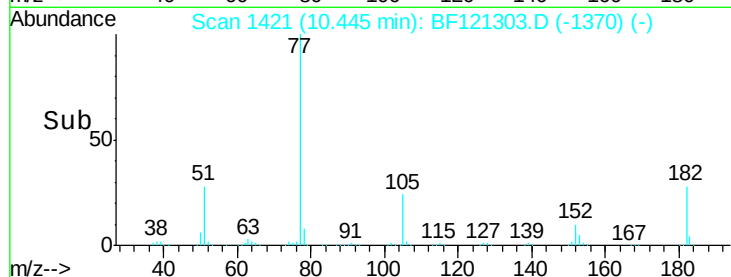
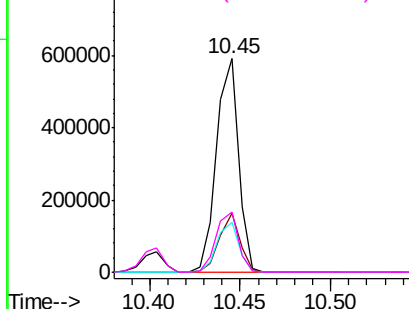
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.5	6.7	46.7		
105	23.6	3.7	43.7		
51	28.0	8.1	48.1		

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM

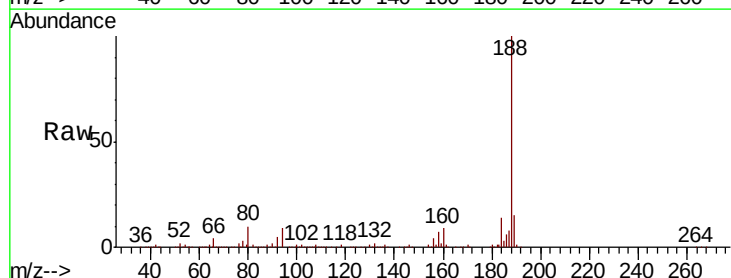


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

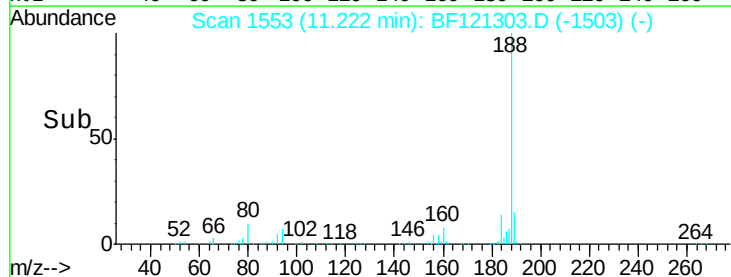
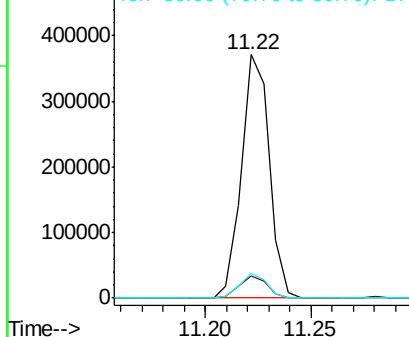


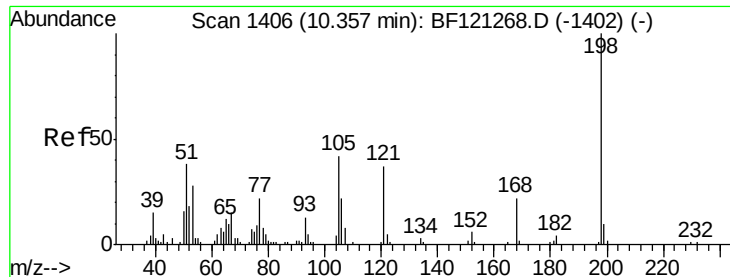
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	6.4	9.6		
80	10.2	7.0	10.4		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.056 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

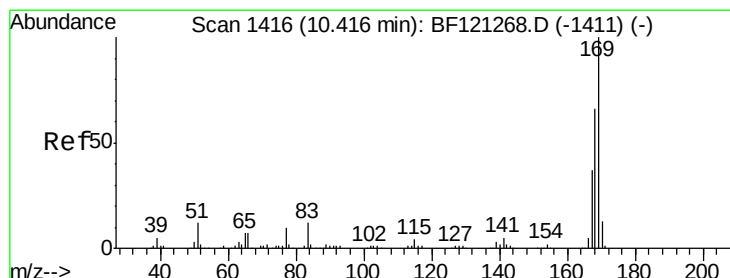
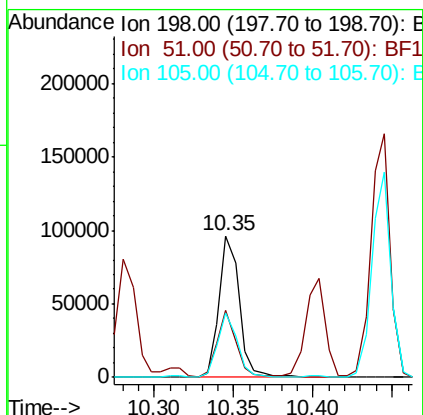
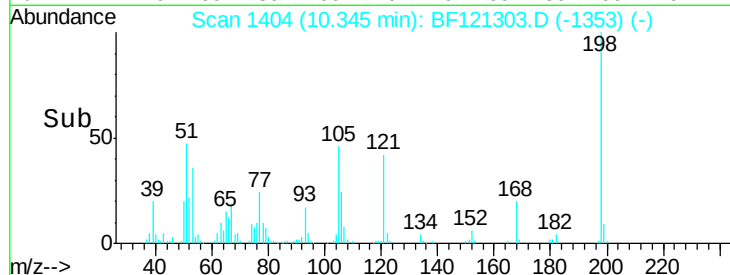
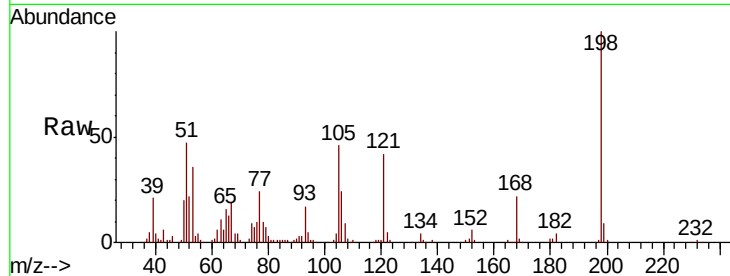
ClientSampleId :

BW-STOCKMS

Tot Ion:198	Resp:	86271
Ion Ratio	Lower	Upper
198	100	
51	47.4	29.1 69.1
105	45.9	28.5 68.5

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#66

n-Nitrosodiphenylamine

Concen: 38.847 ng

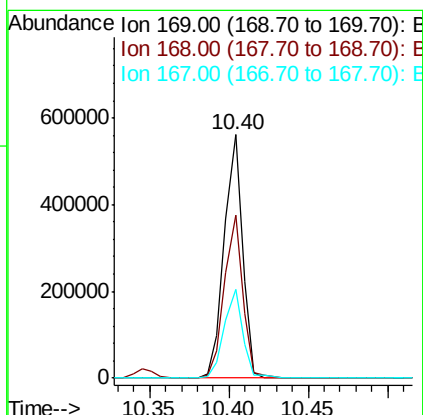
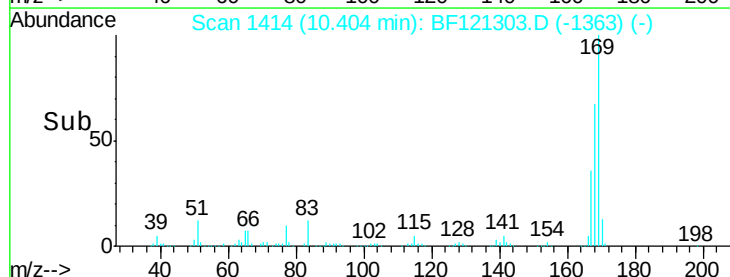
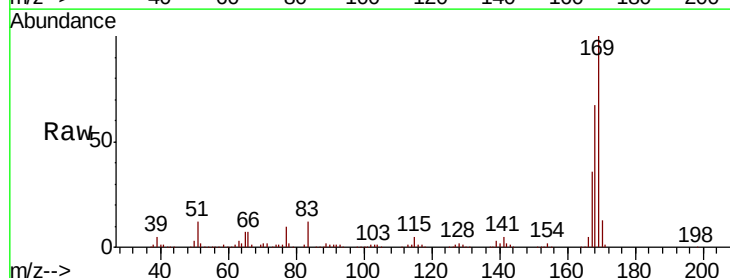
RT: 10.40 min Scan# 1414

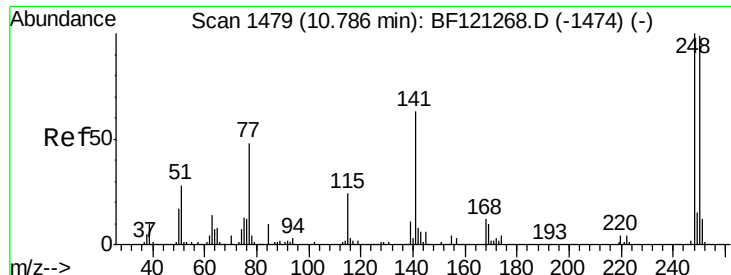
Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:169	Resp:	450020
Ion Ratio	Lower	Upper
169	100	
168	66.9	53.4 80.0
167	36.5	29.3 43.9





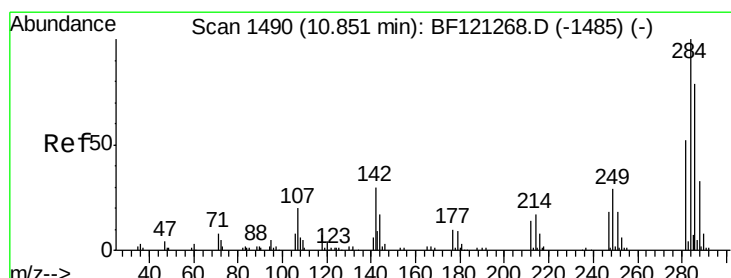
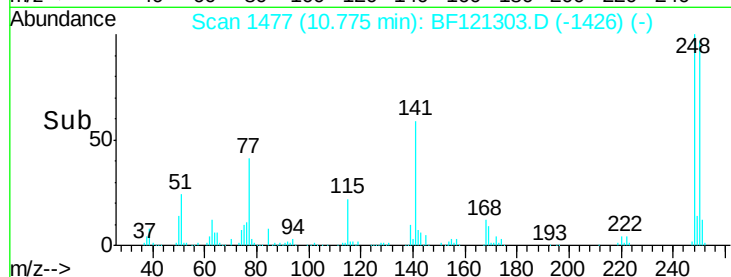
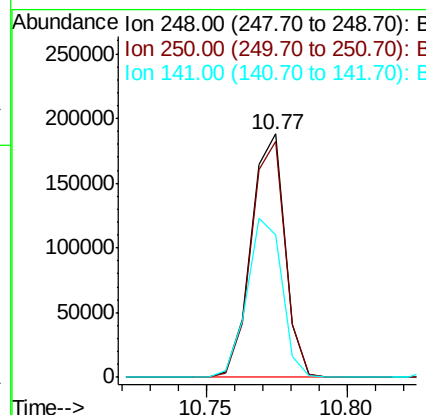
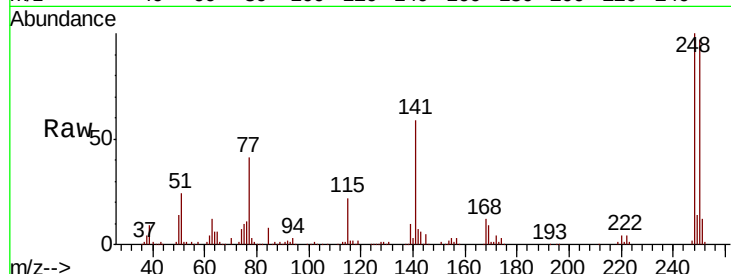
#67
 4-Bromophenyl-phenylether
 Concen: 39.785 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.0
141	58.7	48.9	73.3

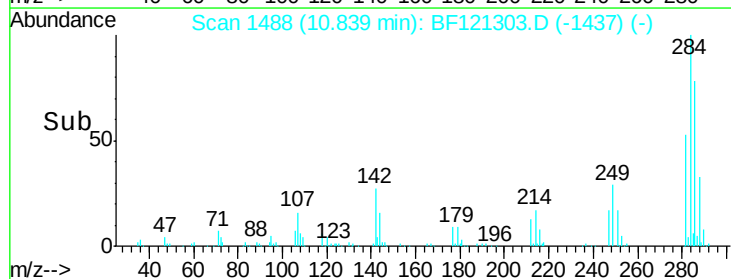
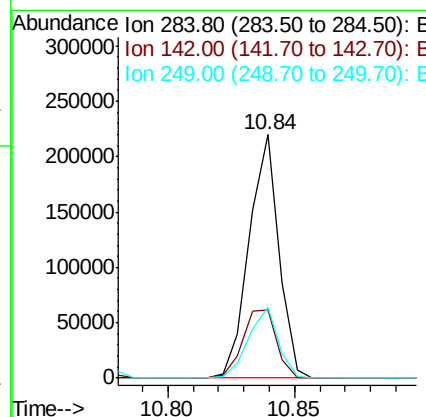
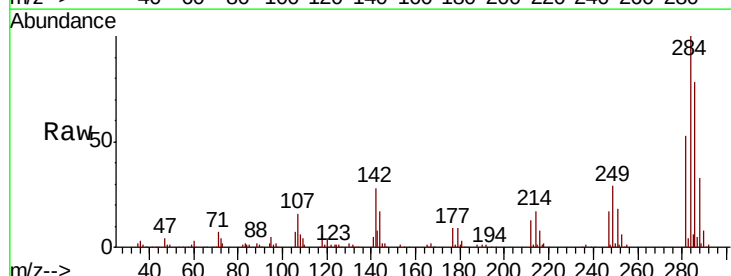
Manual Integrations
 APPROVED

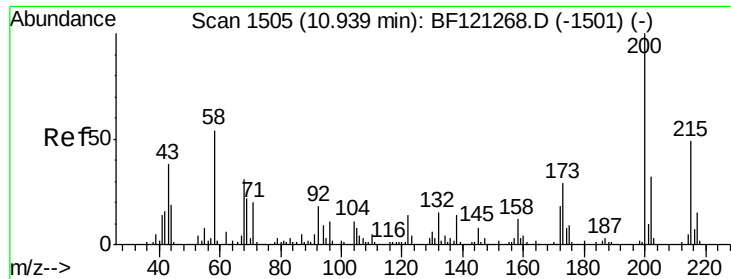
mohammad
 8/18/2020 1:49:55 PM



#68
 Hexachlorobenzene
 Concen: 39.927 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	24.6	36.8
249	28.9	23.2	34.8





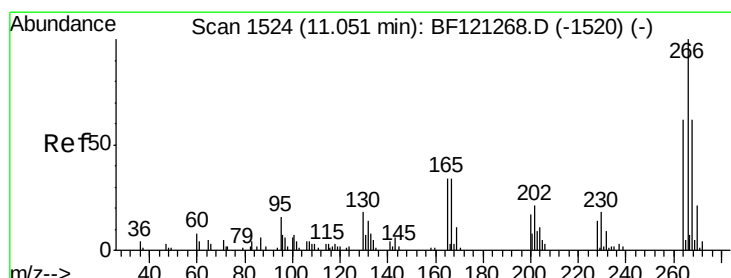
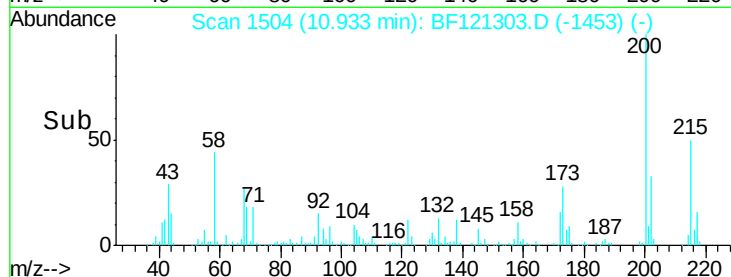
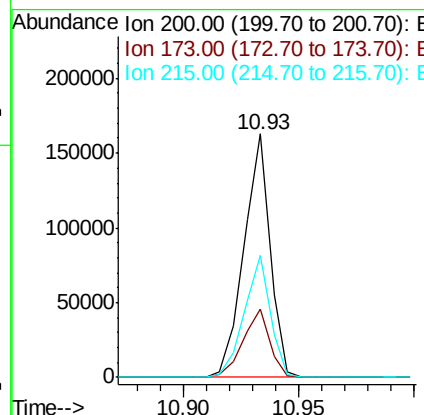
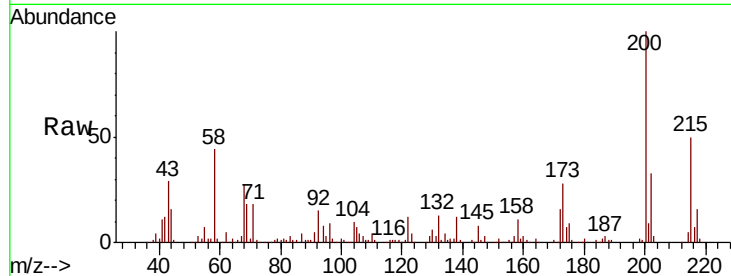
#69
Atrazine
Concen: 37.308 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	50.0	29.1	69.1

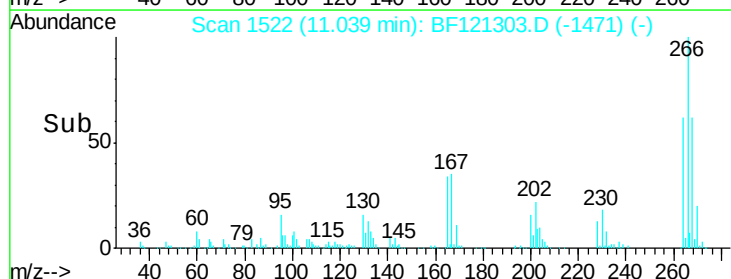
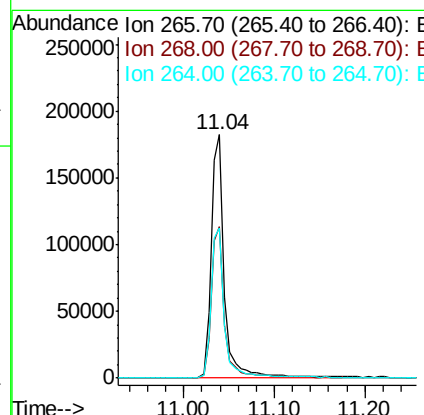
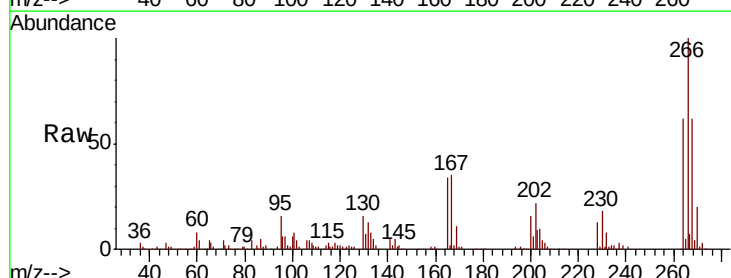
Manual Integrations
APPROVED

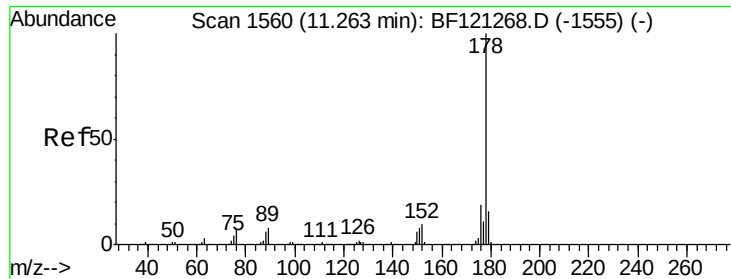
mohammad
8/18/2020 1:49:55 PM



#70
Pentachlorophenol
Concen: 93.794 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	53.3	79.9
264	61.6	49.4	74.0





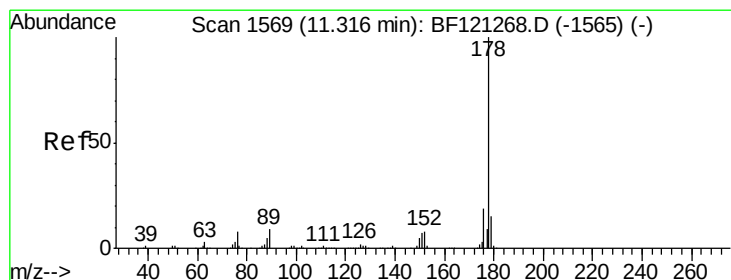
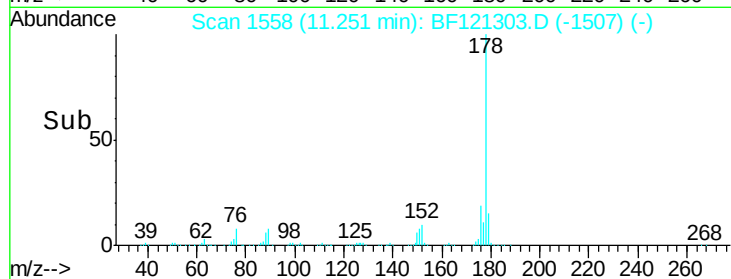
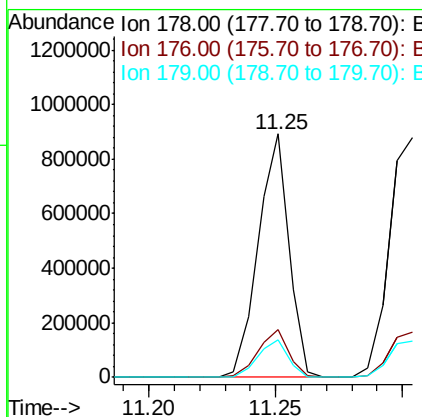
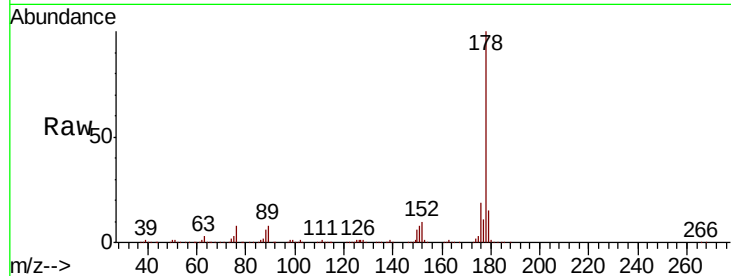
#71
Phenanthrene
Concen: 39.149 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.3	18.5

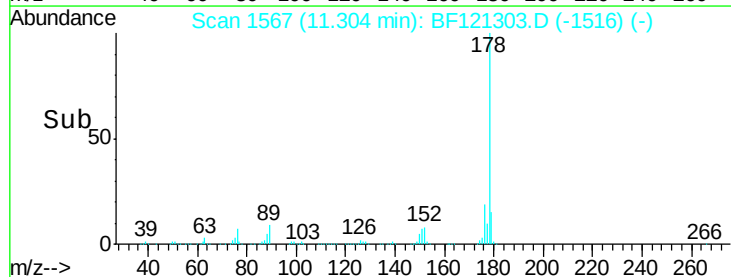
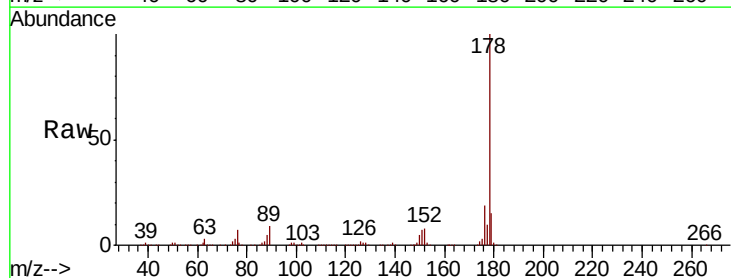
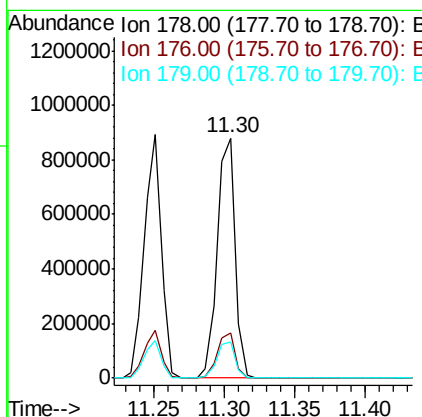
Manual Integrations
APPROVED

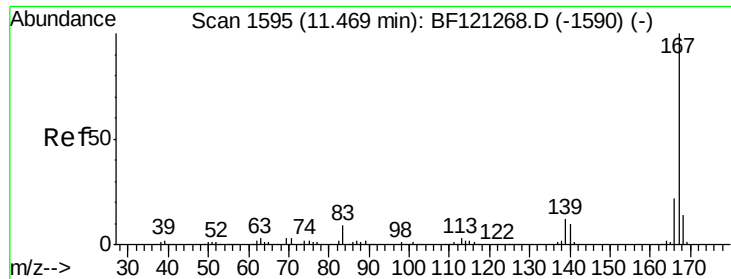
mohammad
8/18/2020 1:49:55 PM



#72
Anthracene
Concen: 39.926 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4





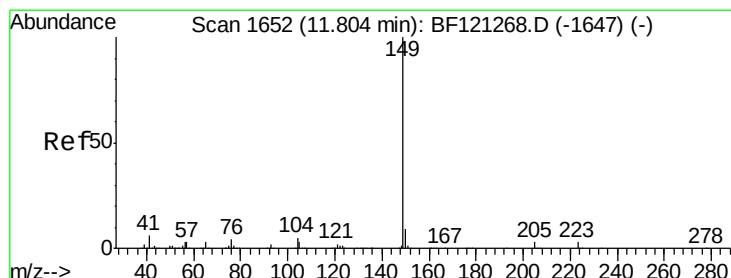
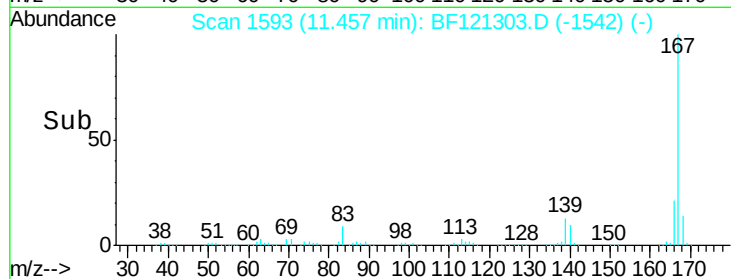
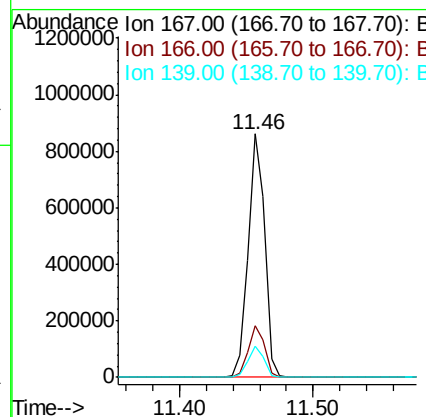
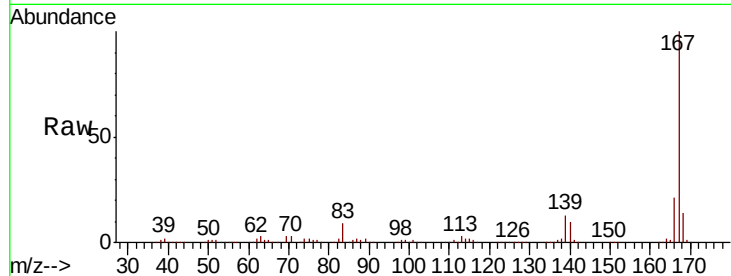
#73
 Carbazole
 Concen: 38.770 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion:	167	Resp:	735420
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.4	26.2
139	12.8	10.2	15.4

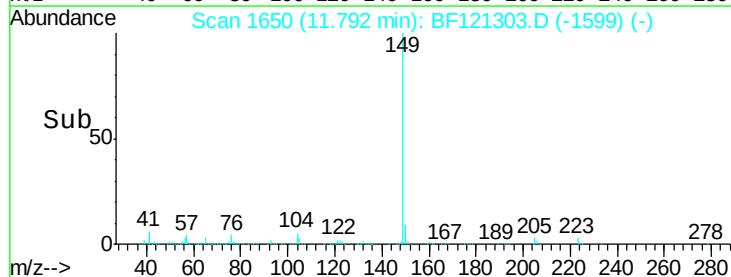
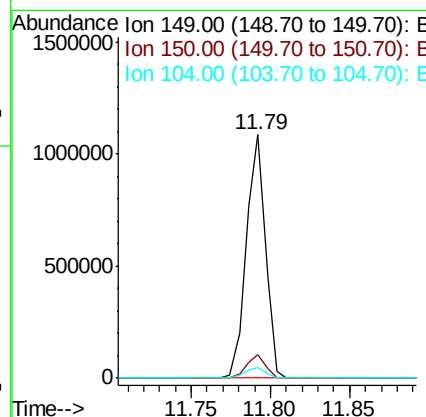
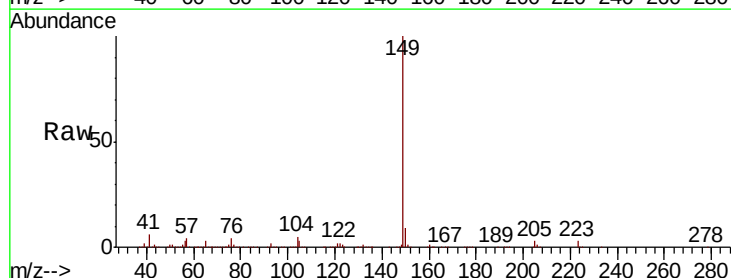
Manual Integrations
 APPROVED

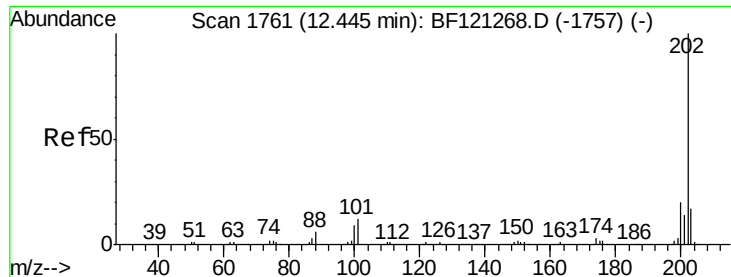
mohammad
 8/18/2020 1:49:55 PM



#74
 Di-n-butylphthalate
 Concen: 42.186 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion:	149	Resp:	903234
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.0
104	4.6	3.6	5.4





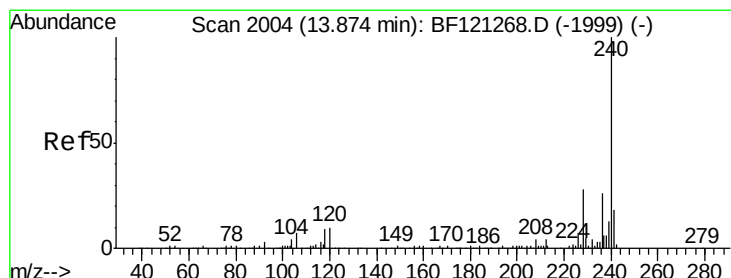
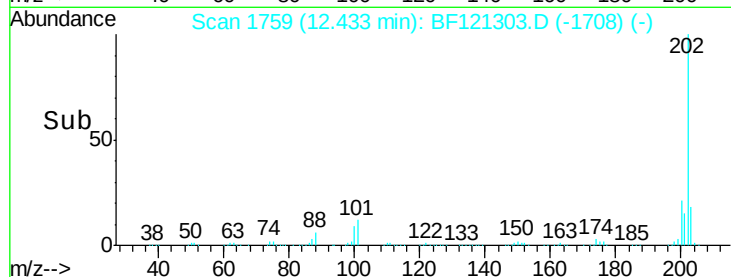
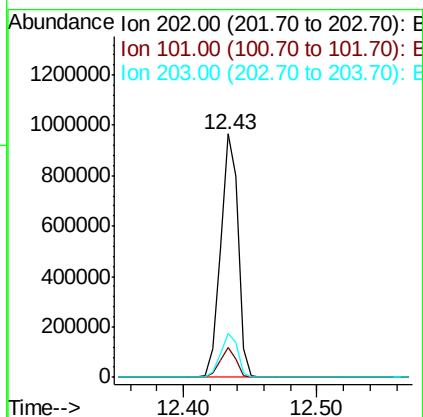
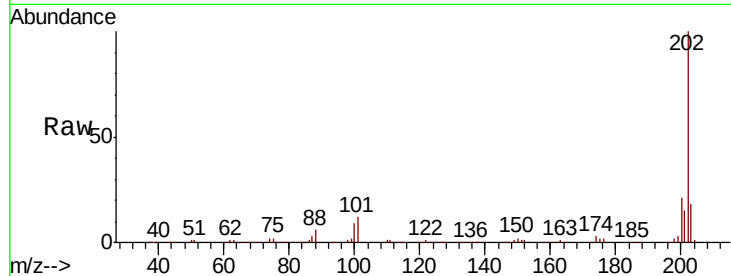
#75
 Fluoranthene
 Concen: 41.446 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	891976		
101	12.1		0.0	32.2
203	18.2		0.0	38.2

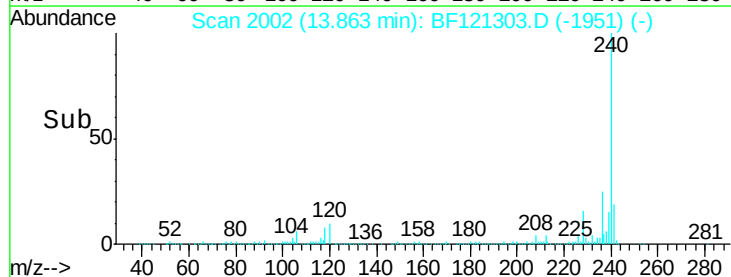
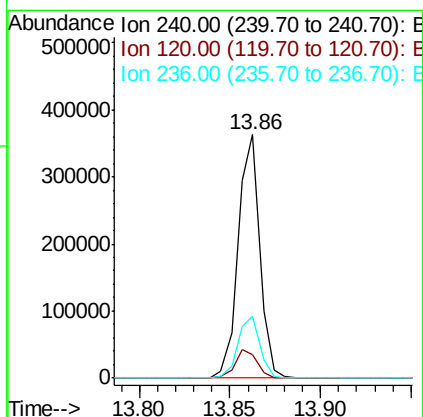
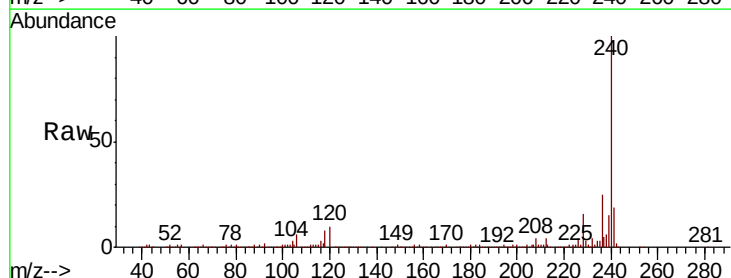
Manual Integrations
 APPROVED

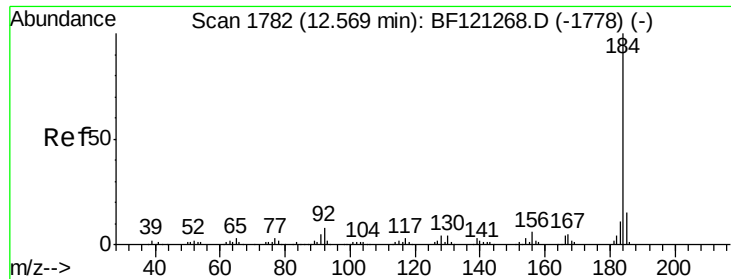
mohammad
 8/18/2020 1:49:55 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	300580		
120	9.5		8.3	12.5
236	25.5		21.2	31.8





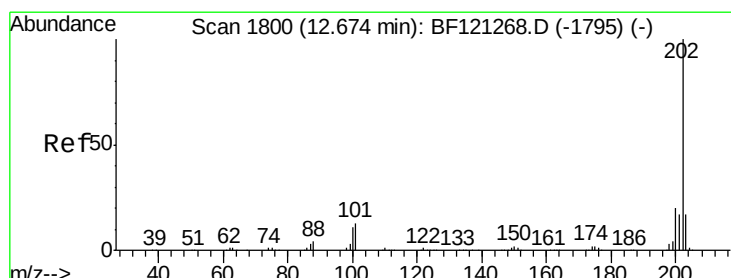
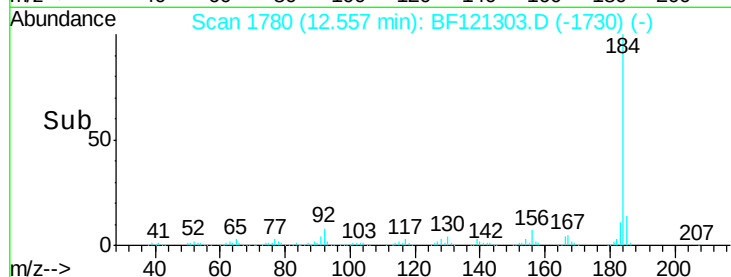
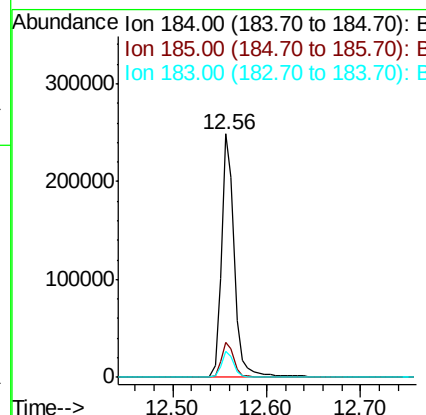
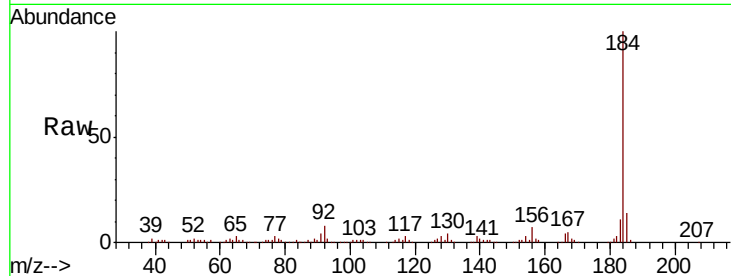
#77
Benzidine
Concen: 30.526 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	11.1	16.7	
183	10.6	8.6	13.0	

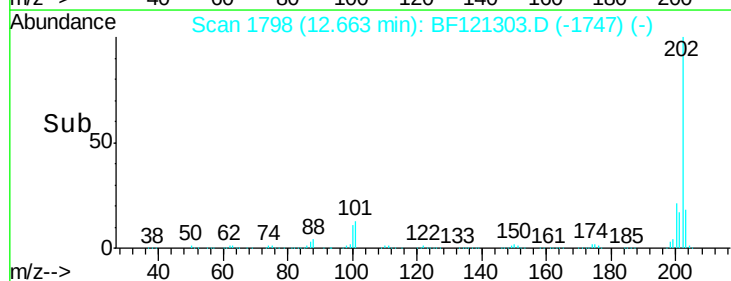
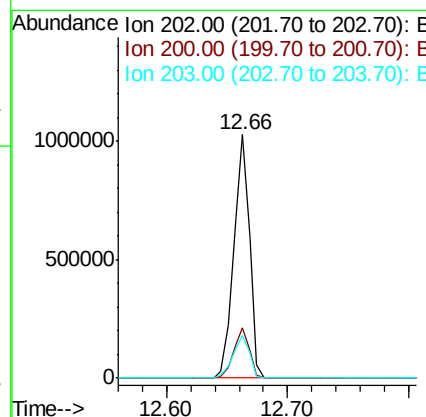
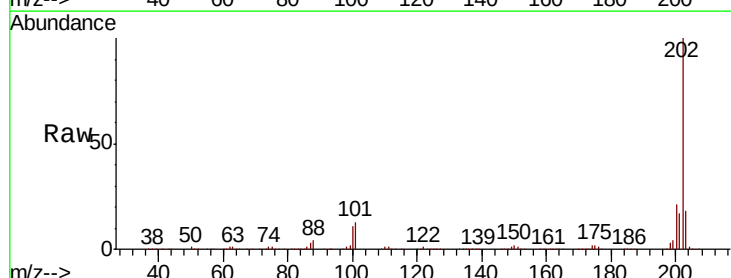
Manual Integrations
APPROVED

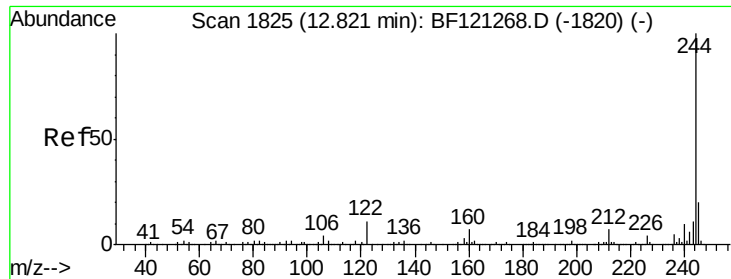
mohammad
8/18/2020 1:49:55 PM



#78
Pyrene
Concen: 41.278 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.6	16.4	24.6	
203	17.7	14.2	21.4	





#79

Terphenyl-d14

Concen: 49.710 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

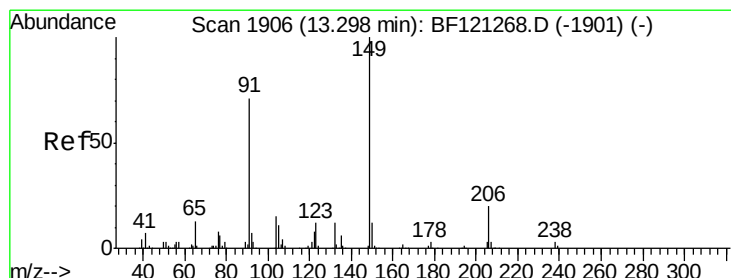
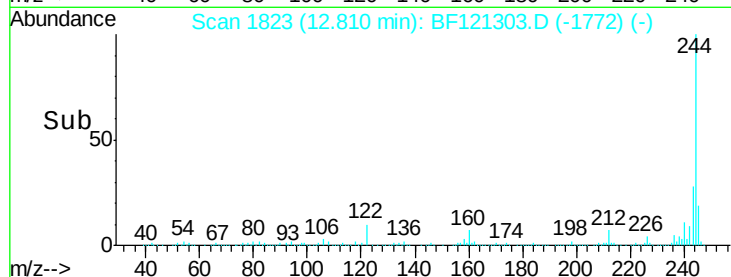
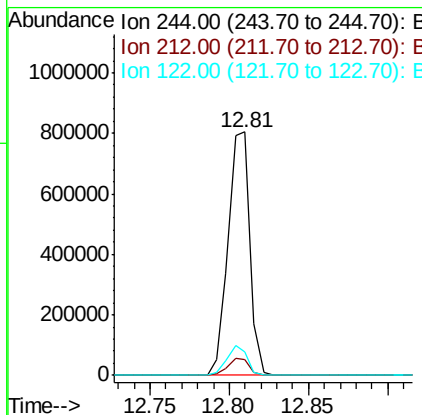
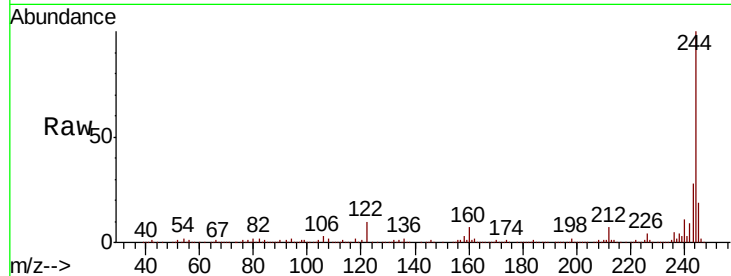
ClientSampleId :

BW-STOCKMS

Tot Ion:	244	Resp:	766512
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	9.8	9.0	13.6

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#80

Butylbenzylphthalate

Concen: 44.794 ng

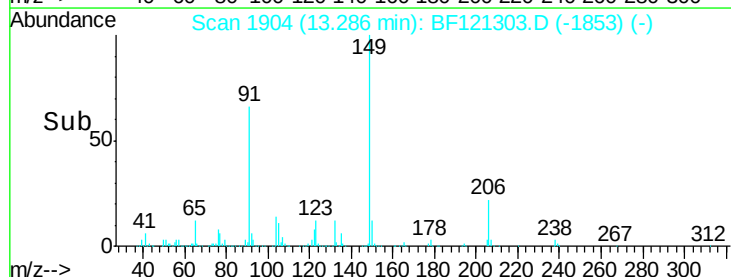
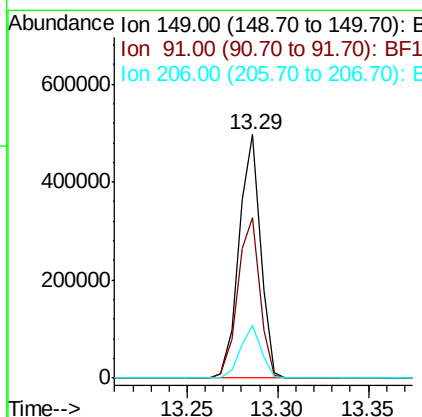
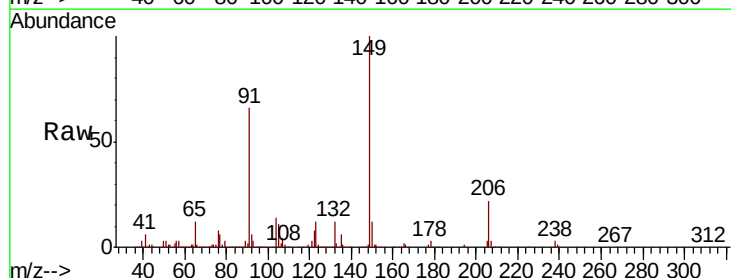
RT: 13.29 min Scan# 1904

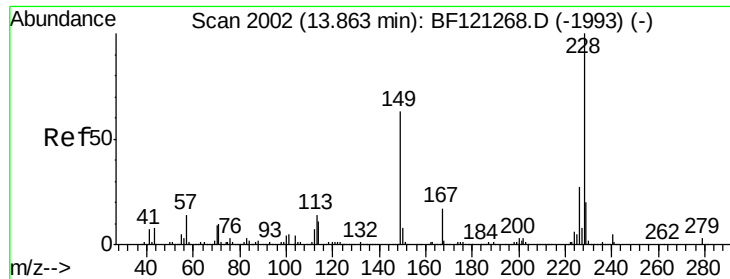
Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Tgt Ion:	149	Resp:	409554
Ion Ratio	Lower	Upper	
149	100		
91	65.8	53.0	79.4
206	21.6	16.7	25.1





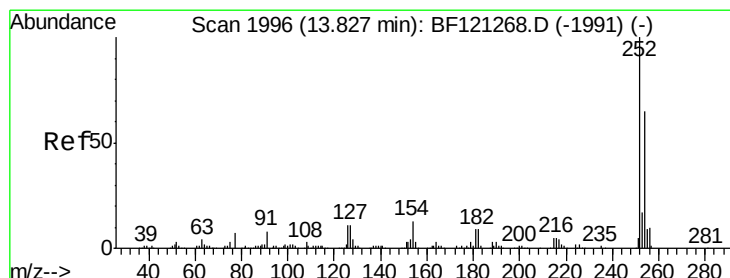
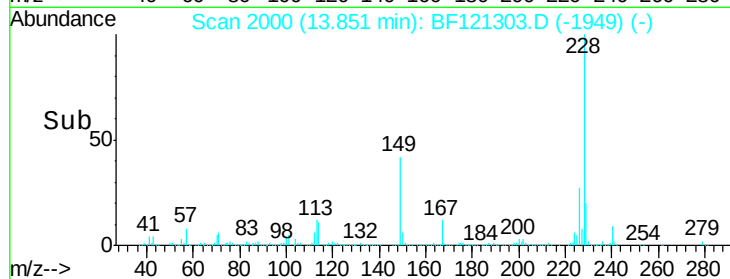
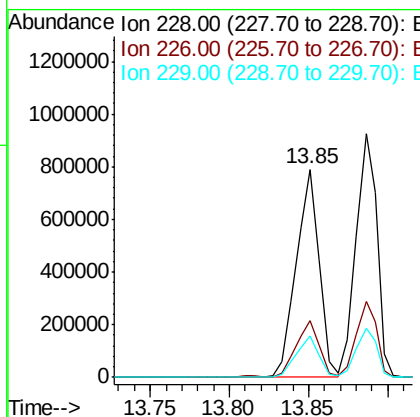
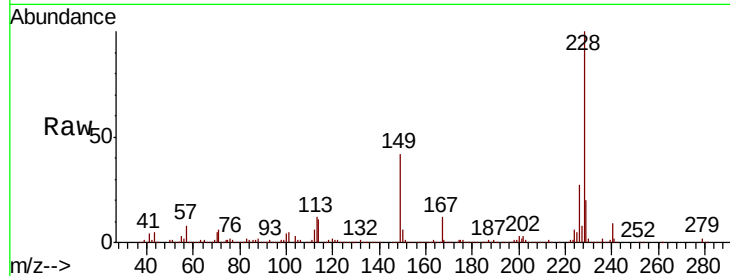
#81
Benzo(a)anthracene
Concen: 38.871 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	19.6	15.8	23.6

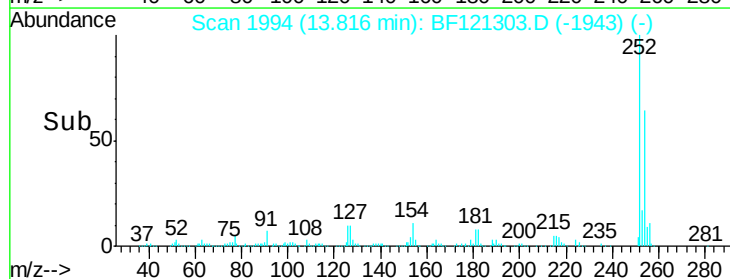
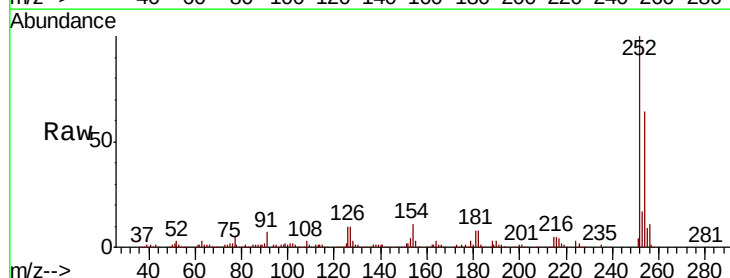
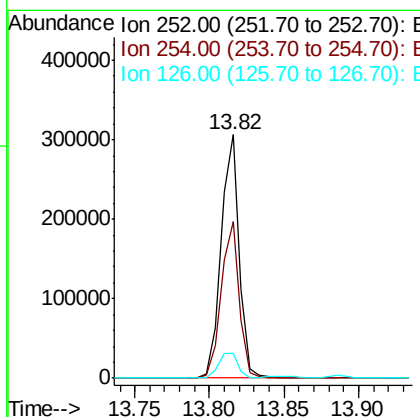
Manual Integrations
APPROVED

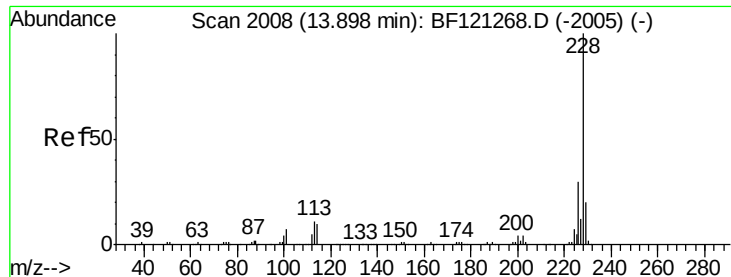
mohammad
8/18/2020 1:49:55 PM



#82
3,3'-Dichlorobenzidine
Concen: 32.419 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.2
126	10.1	9.1	13.7





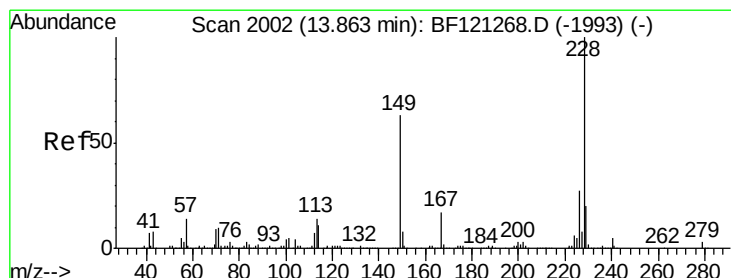
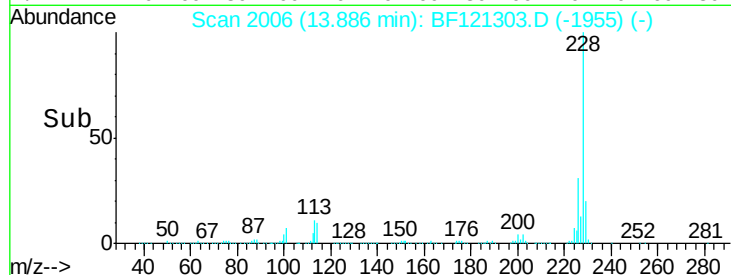
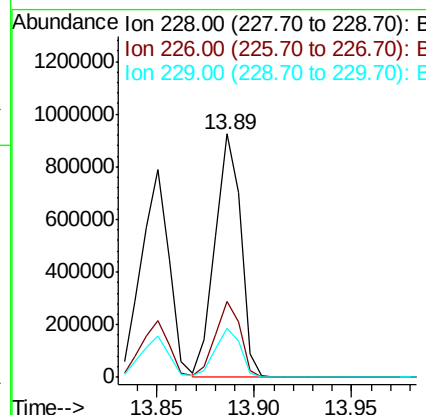
#83
 Chrysene
 Concen: 40.727 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	20.3	16.3	24.5

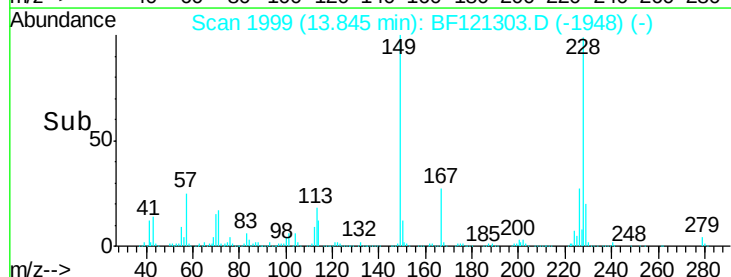
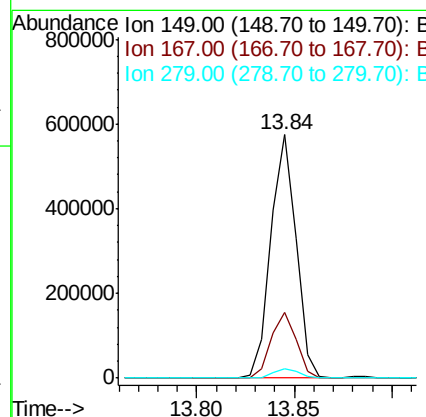
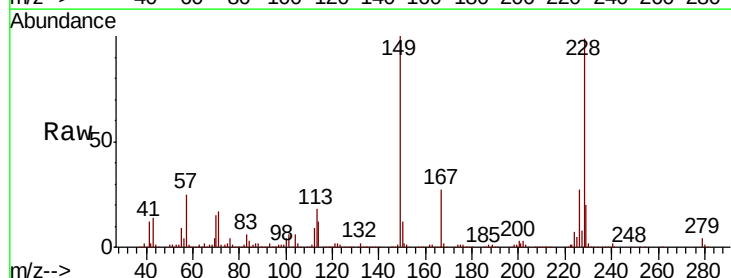
Manual Integrations
 APPROVED

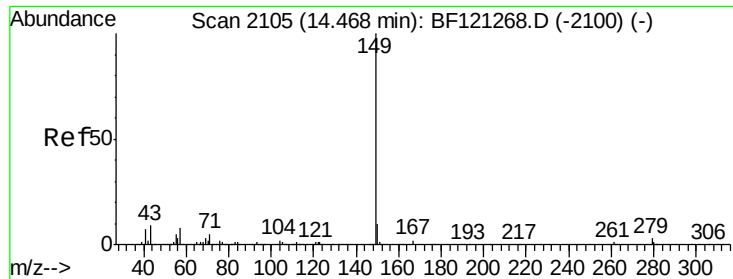
mohammad
 8/18/2020 1:49:55 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.967 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121303.D
 Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.5	32.3
279	4.0	2.9	4.3





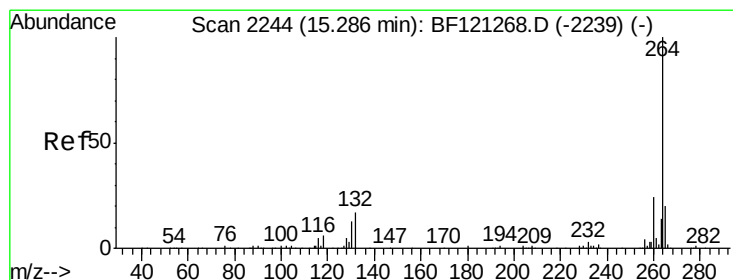
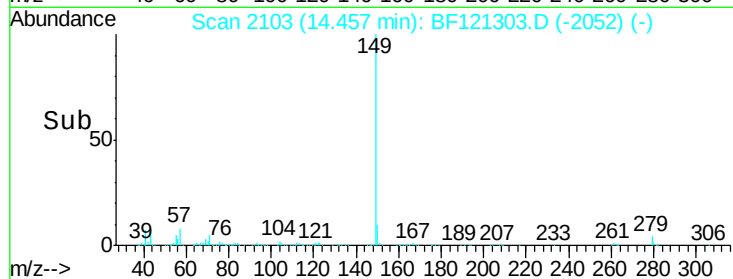
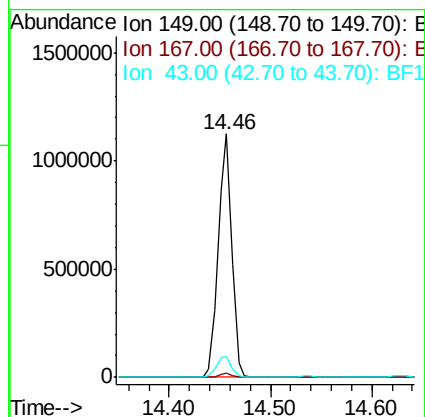
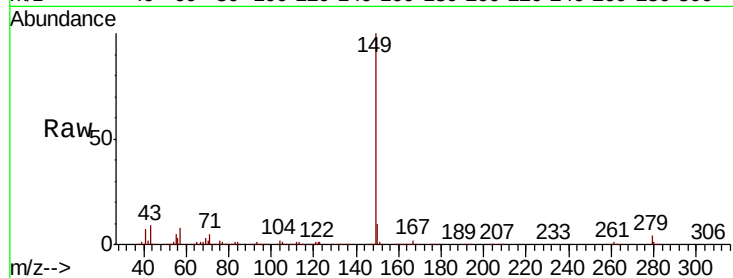
#85
Di-n-octyl phthalate
Concen: 44.948 ng
RT: 14.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.2	10.8

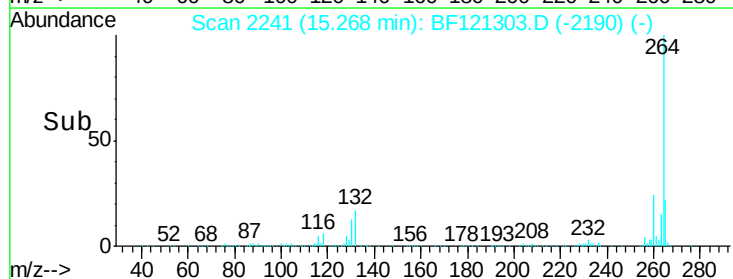
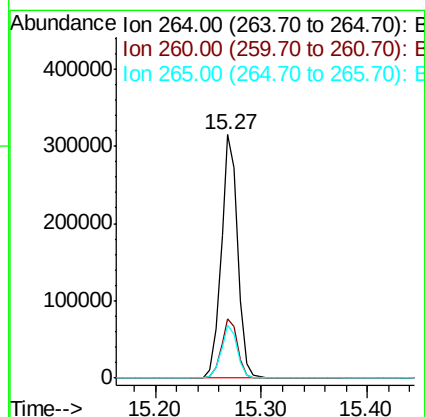
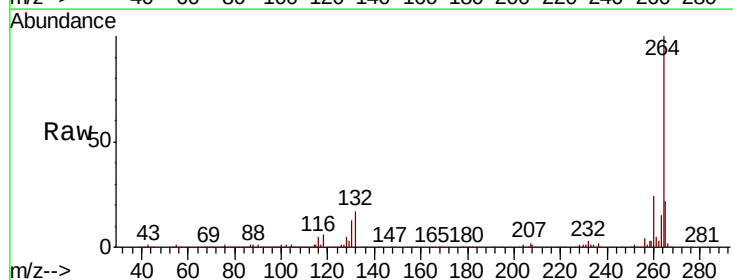
Manual Integrations
APPROVED

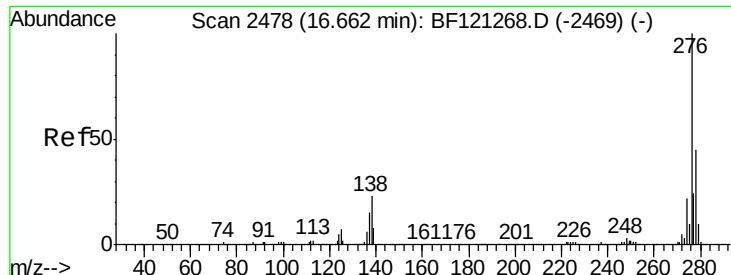
mohammad
8/18/2020 1:49:55 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.9	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.959 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMS

Tot Ion:276 Resp: 1049541

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

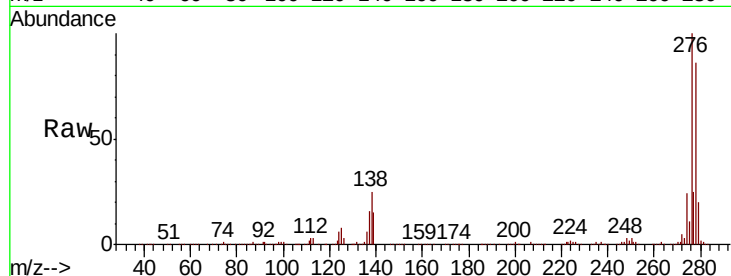
277 25.0 20.4 30.6

Manual Integrations

APPROVED

mohammad

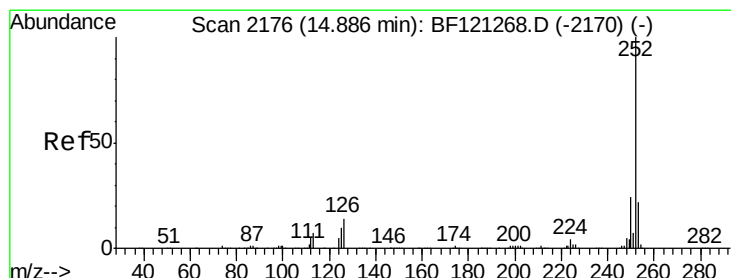
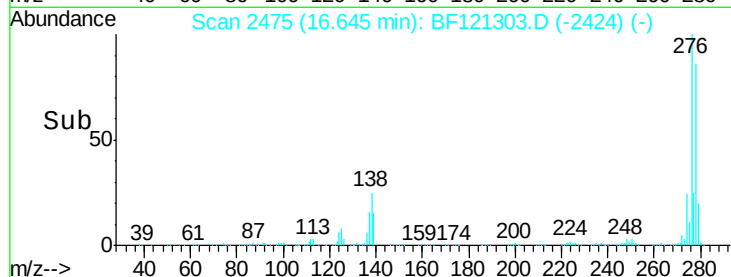
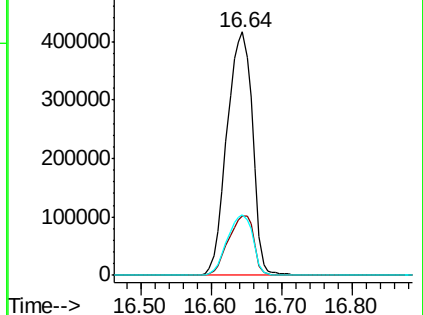
8/18/2020 1:49:55 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 40.489 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF121303.D

Acq: 17 Aug 2020 11:40

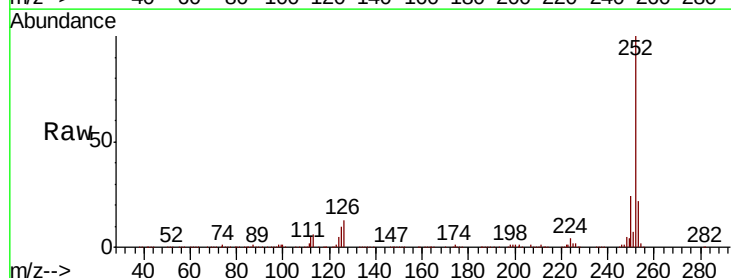
Tgt Ion:252 Resp: 934987

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

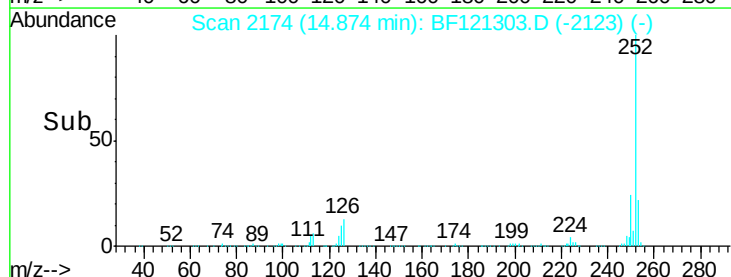
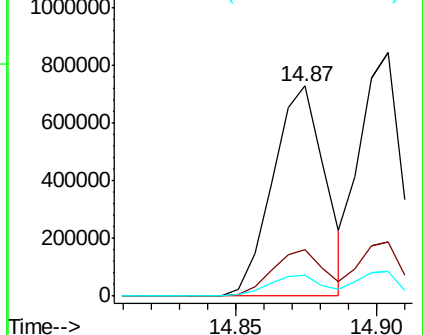
125 10.0 7.5 11.3

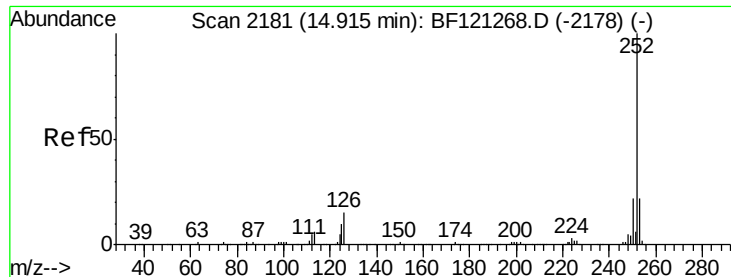


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





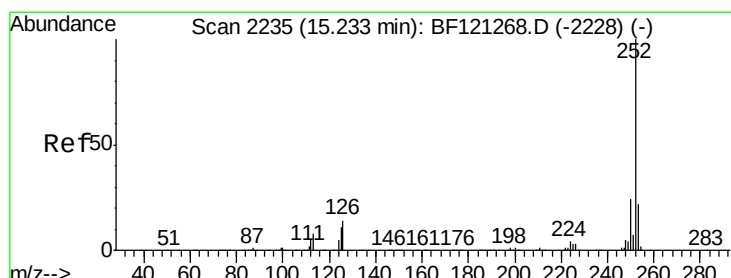
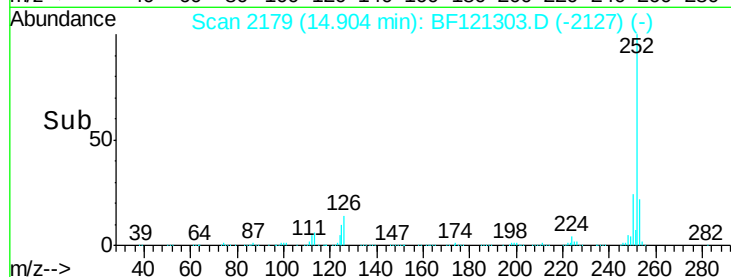
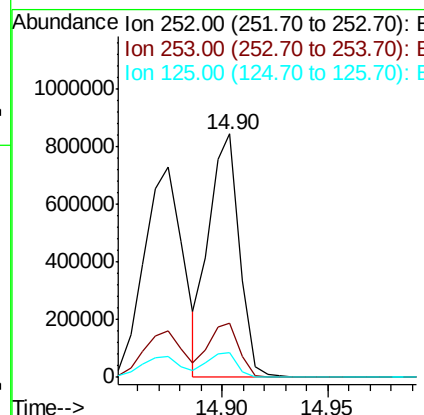
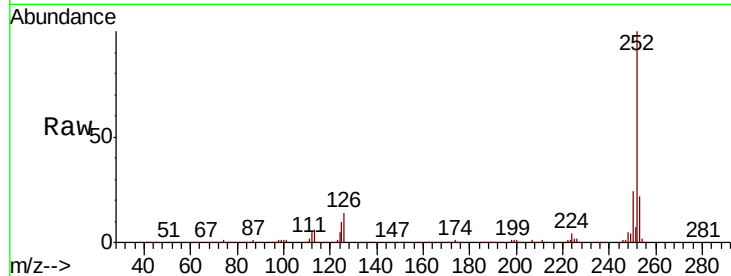
#89
Benzo(k)fluoranthene
Concen: 39.481 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.0	8.2	12.4

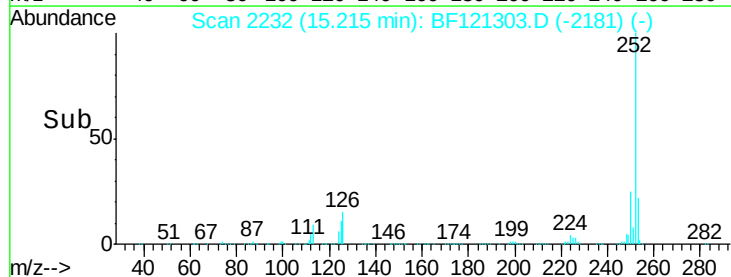
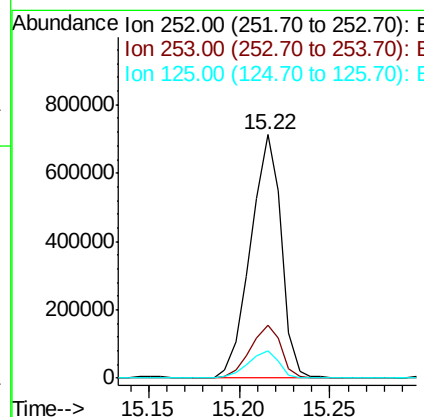
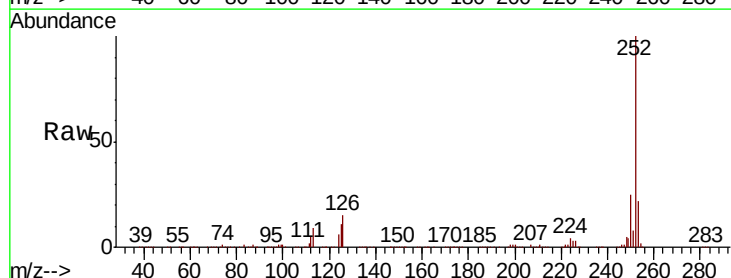
Manual Integrations
APPROVED

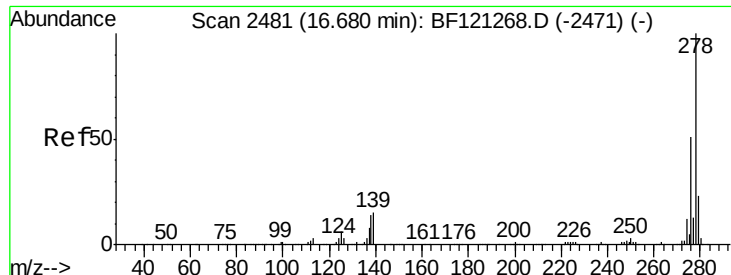
mohammad
8/18/2020 1:49:55 PM



#90
Benzo(a)pyrene
Concen: 40.278 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	11.2	8.7	13.1





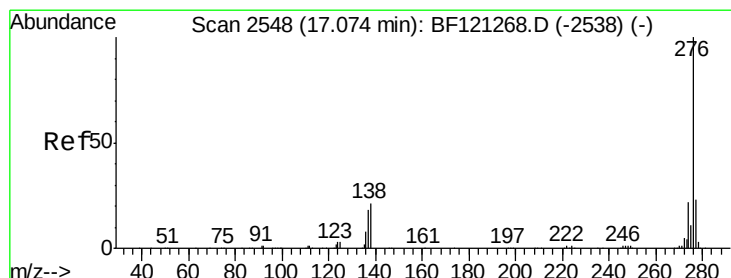
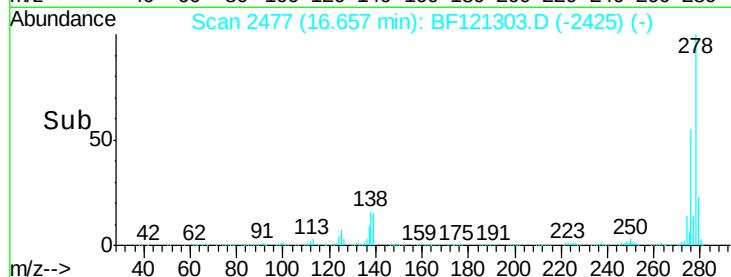
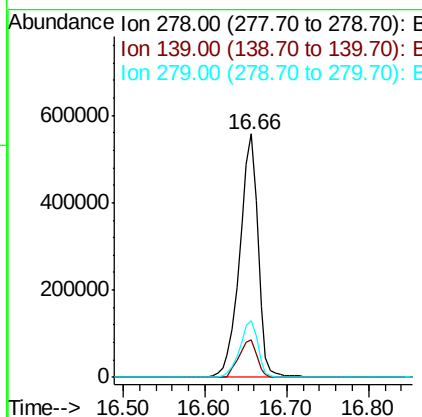
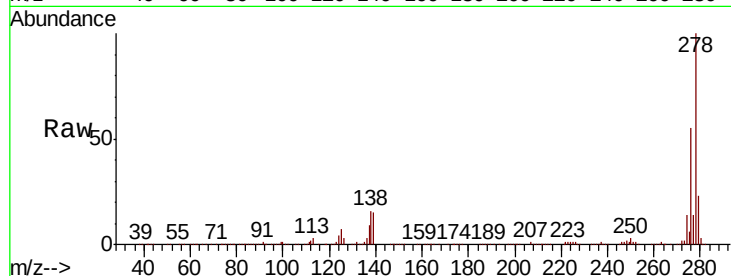
#91
Dibenzo(a,h)anthracene
Concen: 39.647 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.1	19.7
279	23.3	18.6	27.8

Manual Integrations
APPROVED

mohammad
8/18/2020 1:49:55 PM



#92
Benzo(g,h,i)perylene
Concen: 41.277 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF121303.D
Acq: 17 Aug 2020 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	21.3	16.6	24.8

