

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120840.D
 Acq On : 10 Jul 2020 19:35
 Operator : JU/CG
 Sample : L3257-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:04:53 PM

Quant Time: Jul 11 06:39:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204614	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	766079	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	386359	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	704591	20.00	ng	0.00
76) Chrysene-d12	14.02	240	484352	20.00	ng	0.00
86) Perylene-d12	15.47	264	395148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1202497	90.72	ng	0.01
7) Phenol-d6	6.48	99	1561913	92.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1013163	76.62	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	407422	104.96	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1768961	69.27	ng	0.00
79) Terphenyl-d14	12.96	244	1889091	76.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	250874	41.433	ng	97
3) Pyridine	3.42	79	691057	41.667	ng	99
4) n-Nitrosodimethylamine	3.38	42	341038	41.104	ng	86
6) Aniline	6.51	93	784515	36.087	ng	97
8) 2-Chlorophenol	6.63	128	650461	46.092	ng	95
9) Benzaldehyde	6.39	77	206604	20.522	ng	99
10) Phenol	6.49	94	755620m	43.393	ng	
11) bis(2-Chloroethyl)ether	6.59	93	609770	43.033	ng	96
12) 1,3-Dichlorobenzene	6.79	146	649225	41.795	ng	98
13) 1,4-Dichlorobenzene	6.86	146	657271	42.246	ng	99
14) 1,2-Dichlorobenzene	7.02	146	612213	41.360	ng	98
15) Benzyl Alcohol	6.99	79	506448	39.820	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	871082	39.412	ng	100
17) 2-Methylphenol	7.10	107	514862	40.782	ng	98
18) Hexachloroethane	7.36	117	249536	42.673	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	409976	40.225	ng	92
20) 3+4-Methylphenols	7.25	107	571569	36.759	ng	91
22) Acetophenone	7.26	105	770728	40.475	ng	99
24) Nitrobenzene	7.43	77	654948	44.116	ng	92
25) Isophorone	7.67	82	1190206	41.739	ng	98
26) 2-Nitrophenol	7.75	139	314131	50.138	ng	92
27) 2,4-Dimethylphenol	7.79	122	530395	46.595	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	752304	44.577	ng	99
29) 2,4-Dichlorophenol	7.99	162	507267	44.639	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	560347	43.902	ng	99
31) Naphthalene	8.16	128	1740423	42.510	ng	100
32) Benzoic acid	7.89	122	213002	28.359	ng	97
33) 4-Chloroaniline	8.20	127	467684	26.920	ng	98
34) Hexachlorobutadiene	8.27	225	316993	41.295	ng	100
35) Caprolactam	8.57	113	152514m	46.060	ng	
36) 4-Chloro-3-methylphenol	8.68	107	525765	44.478	ng	95
37) 2-Methylnaphthalene	8.85	142	1157456	43.490	ng	98
38) 1-Methylnaphthalene	8.95	142	1095846	43.957	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	492661	42.192	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120840.D
 Acq On : 10 Jul 2020 19:35
 Operator : JU/CG
 Sample : L3257-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:04:53 PM

Quant Time: Jul 11 06:39:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	436497	63.269	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	363361	45.668	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	370221	41.927	nq	98
46) 1,1'-Biphenyl	9.31	154	1316884	42.255	nq	99
47) 2-Chloronaphthalene	9.33	162	1056499	42.316	nq	99
48) 2-Nitroaniline	9.43	65	341532	45.811	nq	96
49) Acenaphthylene	9.75	152	1658890	42.380	nq	99
50) Dimethylphthalate	9.62	163	1282591	45.508	nq	99
51) 2,6-Dinitrotoluene	9.67	165	273081	48.717	nq #	79
52) Acenaphthene	9.92	154	1029907	42.412	nq	99
53) 3-Nitroaniline	9.84	138	238006	35.246	nq	93
54) 2,4-Dinitrophenol	9.94	184	88365	44.853	nq	95
55) Dibenzofuran	10.09	168	1486799	42.475	nq	98
56) 4-Nitrophenol	10.00	139	430498	83.203	nq	91
57) 2,4-Dinitrotoluene	10.07	165	358096	51.111	nq #	83
58) Fluorene	10.44	166	1036533	39.784	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	300624	45.750	nq	95
60) Diethylphthalate	10.32	149	1228838	41.855	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	493992	37.716	nq	99
62) 4-Nitroaniline	10.46	138	284590	47.525	nq	88
63) Azobenzene	10.59	77	1181568	39.342	nq	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	87546	32.241	nq #	76
66) n-Nitrosodiphenylamine	10.55	169	1006547	42.621	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	343805	42.065	nq	97
68) Hexachlorobenzene	10.99	284	382144	44.556	nq #	86
69) Atrazine	11.07	200	281492	46.267	nq	99
70) Pentachlorophenol	11.17	266	366728	75.576	nq	99
71) Phenanthrene	11.40	178	1735035	45.384	nq	99
72) Anthracene	11.45	178	1644889	42.579	nq	99
73) Carbazole	11.60	167	1523982	41.051	nq	99
74) Di-n-butylphthalate	11.94	149	1869108	40.666	nq	99
75) Fluoranthene	12.59	202	2034251	49.950	nq	99
77) Benzdine	12.70	184	660057	48.281	nq	100
78) Pyrene	12.82	202	2022992	52.297	nq	100
80) Butylbenzylphthalate	13.44	149	807725	48.364	nq	93
81) Benzo(a)anthracene	14.00	228	1399646	45.080	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	387206	36.956	nq	99
83) Chrysene	14.04	228	1505054	47.524	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	895875	40.907	nq #	98
85) Di-n-octyl phthalate	14.61	149	1852800	47.821	nq	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	1322177	52.167	nq	100
88) Benzo(b)fluoranthene	15.05	252	1409208	54.246	nq	99
89) Benzo(k)fluoranthene	15.08	252	1223476	48.401	nq	99
90) Benzo(a)pyrene	15.42	252	1159530	50.036	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1075352	50.905	nq	100
92) Benzo(g,h,i)perylene	17.37	276	1103839	57.175	nq	99

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

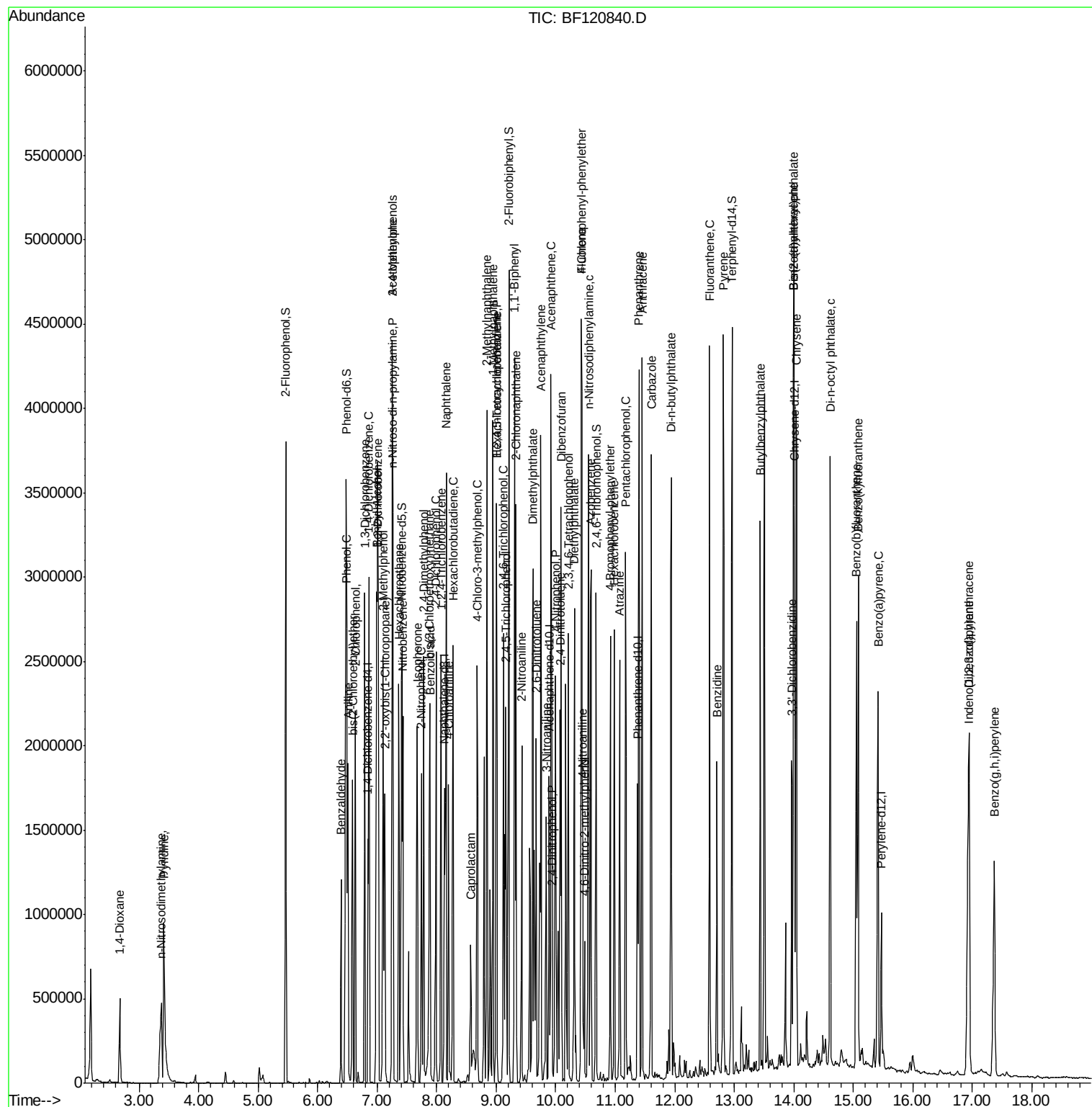
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120840.D
Acq On : 10 Jul 2020 19:35
Operator : JU/CG
Sample : L3257-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

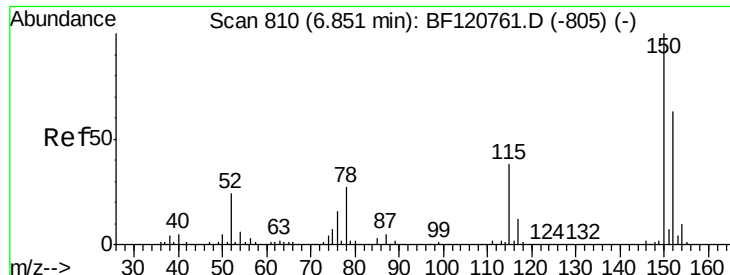
Instrument :
BNA_F
ClientSampled :
MH1MSD

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM

Quant Time: Jul 11 06:39:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration





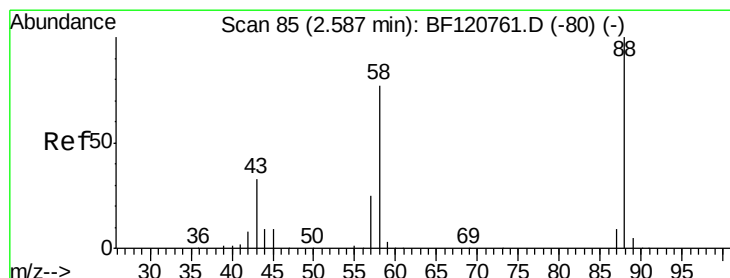
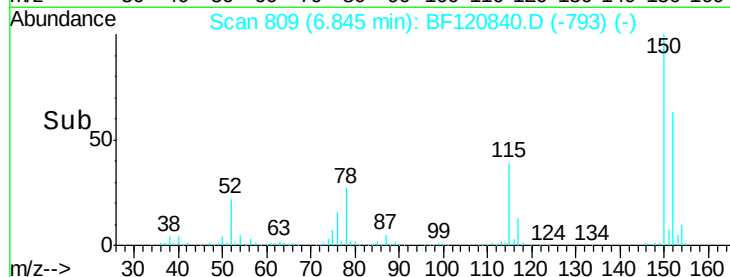
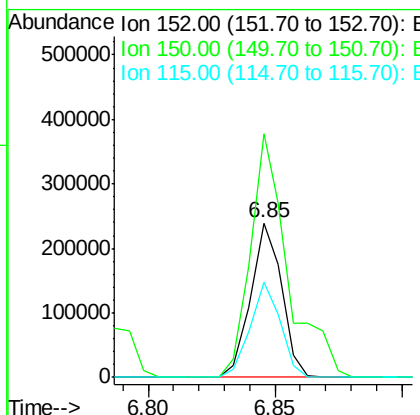
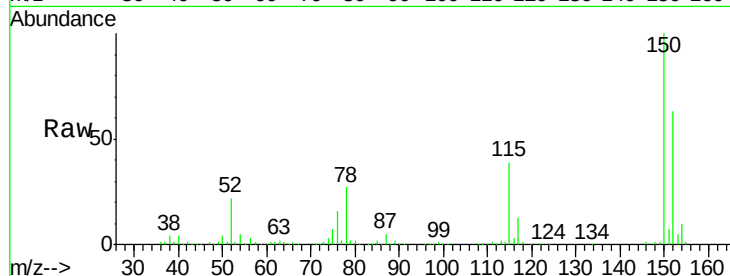
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampled :
 MH1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.1	189.1
115	61.5	48.5	72.7

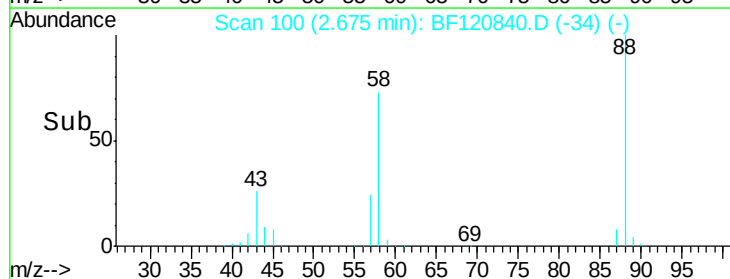
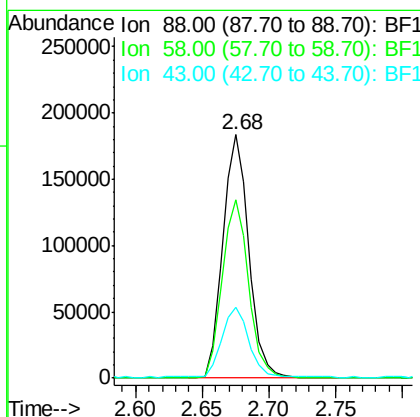
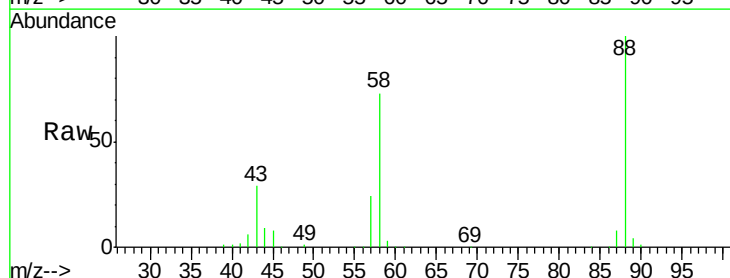
Manual Integrations
 APPROVED

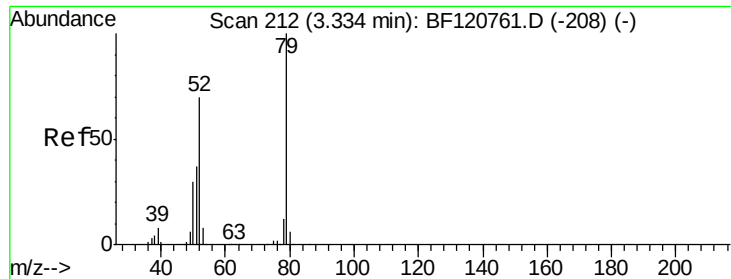
mohammad
 7/13/2020 1:04:53 PM



#2
 1,4-Dioxane
 Concen: 41.433 ng
 RT: 2.68 min Scan# 100
 Delta R.T. 0.09 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	60.4	90.6
43	29.6	26.3	39.5





#3

Pvridine

Concen: 41.667 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

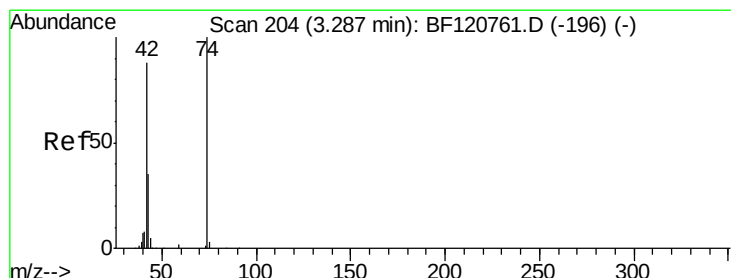
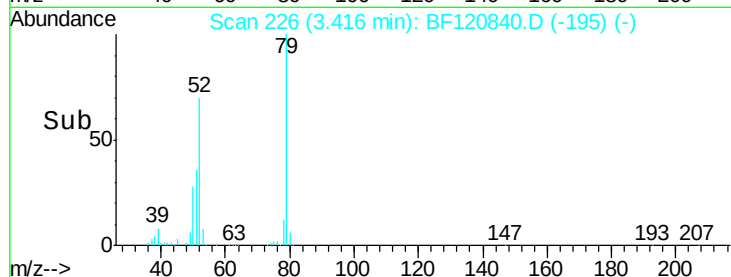
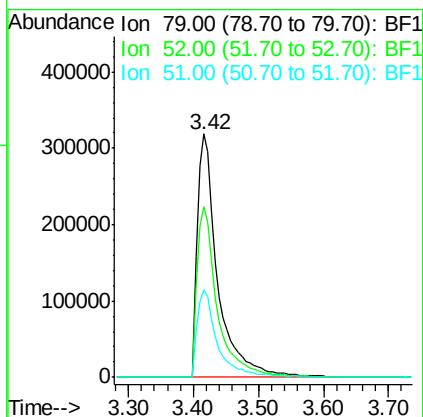
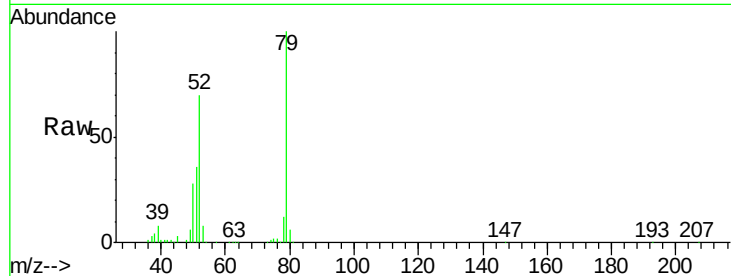
ClientSampleId :

MH1MSD

Tot Ion:	79	Resp:	691057
Ion Ratio	Lower	Upper	
79	100		
52	70.2	56.3	84.5
51	36.0	30.1	45.1

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#4

n-Nitrosodimethylamine

Concen: 41.104 ng

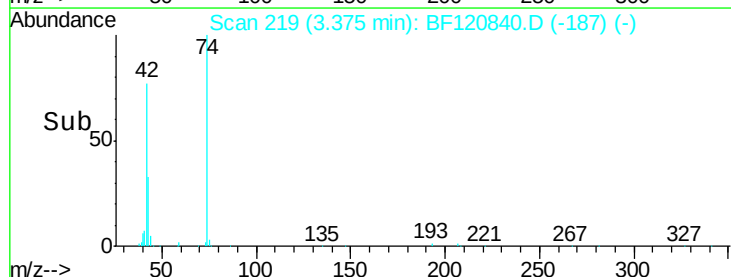
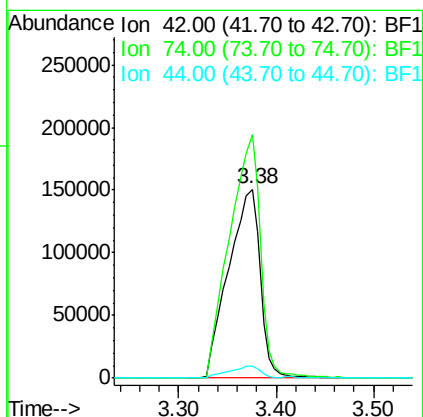
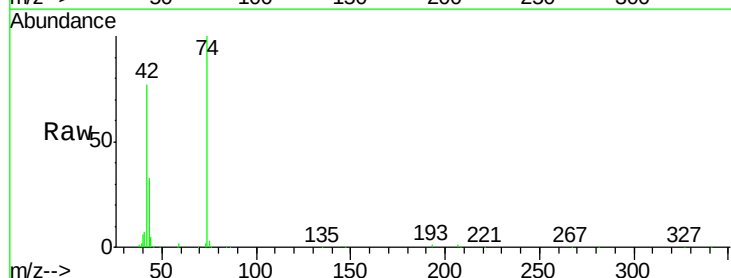
RT: 3.38 min Scan# 219

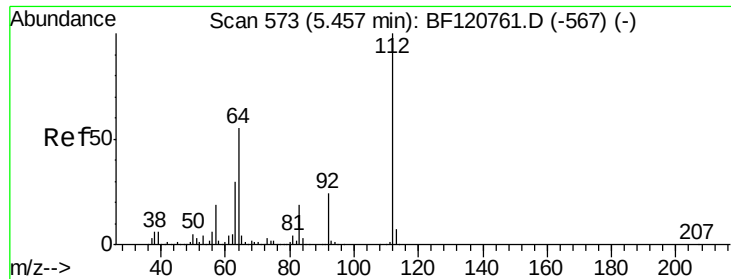
Delta R.T. 0.09 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	42	Resp:	341038
Ion Ratio	Lower	Upper	
42	100		
74	129.1	90.8	136.2
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 90.719 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

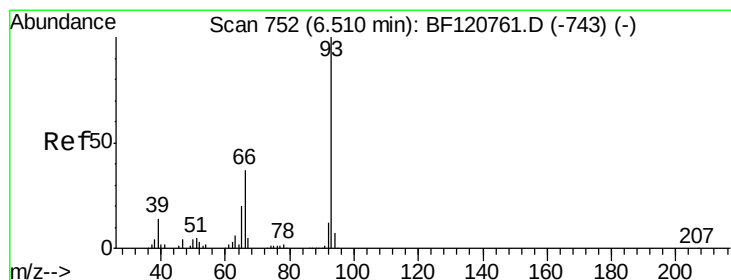
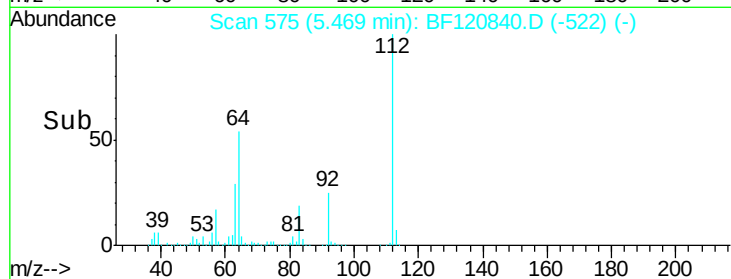
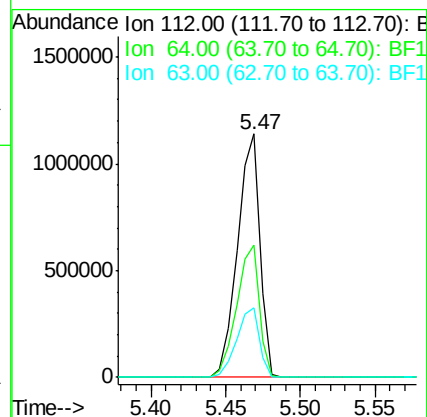
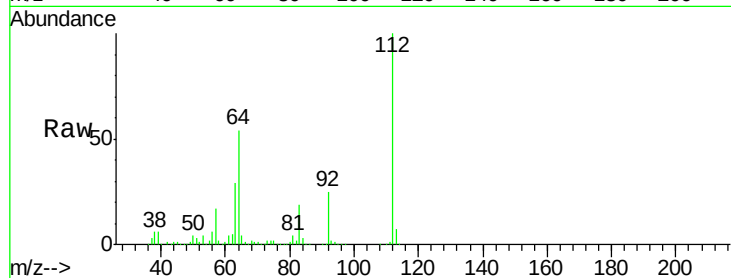
ClientSampleId :

MH1MSD

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
64	54.4	43.8	65.6	
63	28.7	23.6	35.4	

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#6

Aniline

Concen: 36.087 ng

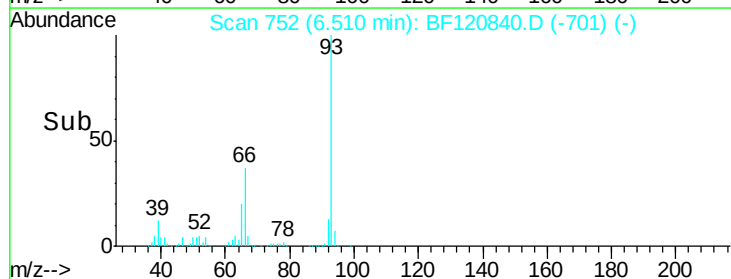
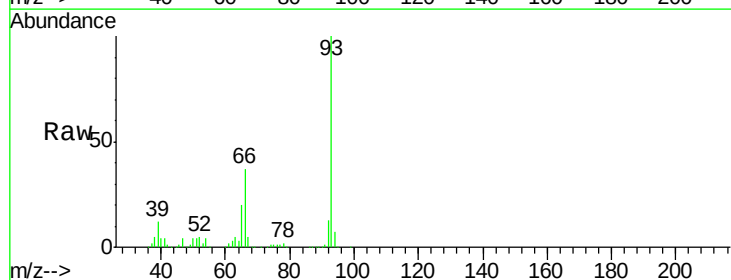
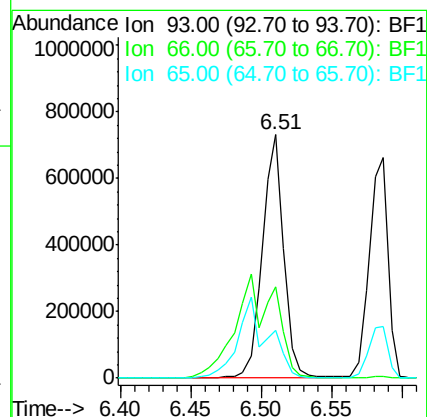
RT: 6.51 min Scan# 752

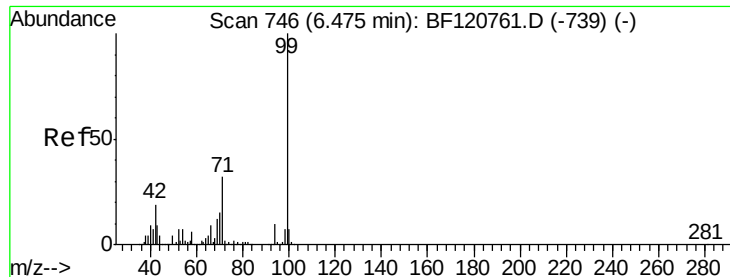
Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
66	37.4	31.3	46.9	
65	19.6	16.5	24.7	





#7

Phenol-d6

Concen: 92.271 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampled :

MH1MSD

Tot Ion: 99 Resp: 1561913

Ion Ratio Lower Upper

99 100

42 17.1 15.4 23.0

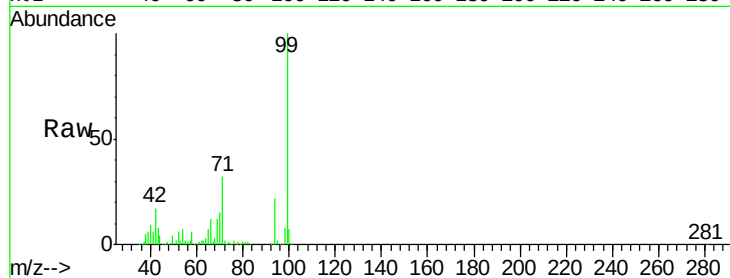
71 31.8 25.9 38.9

Manual Integrations

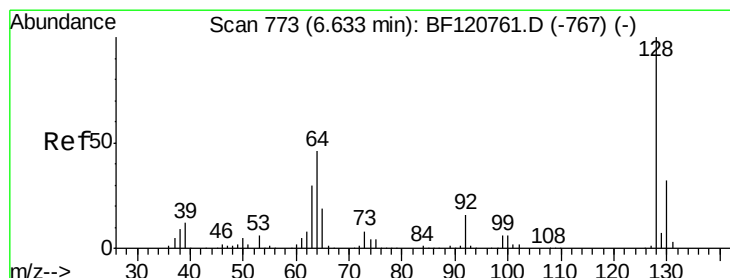
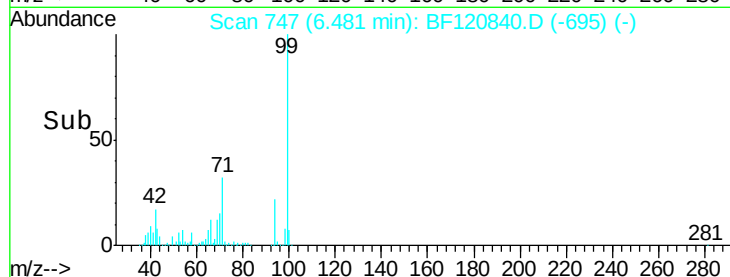
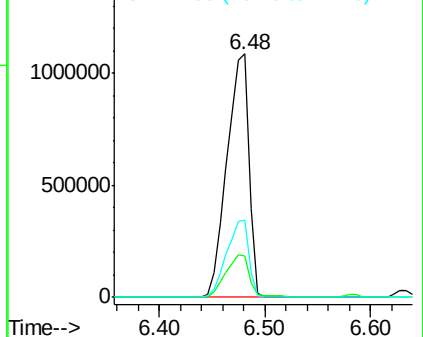
APPROVED

mohammad

7/13/2020 1:04:53 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.092 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

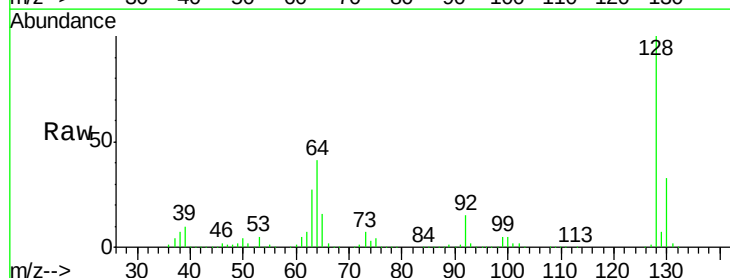
Tgt Ion: 128 Resp: 650461

Ion Ratio Lower Upper

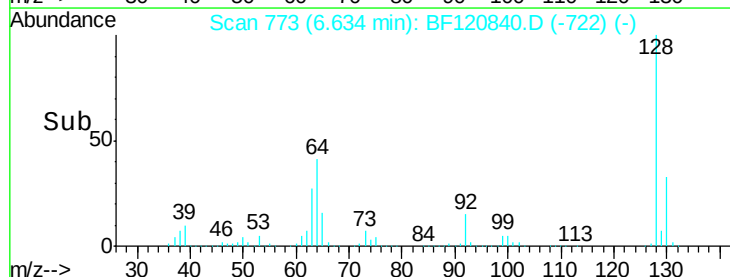
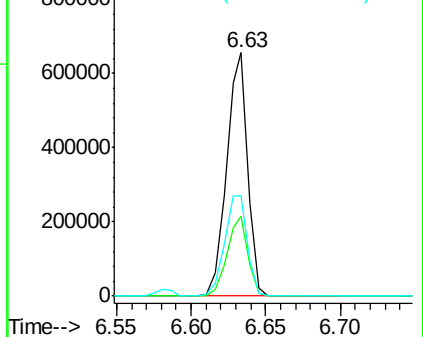
128 100

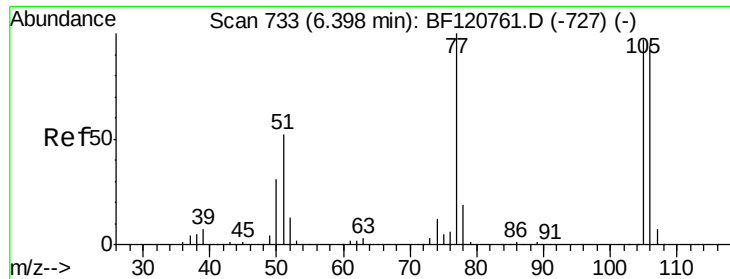
130 33.0 12.1 52.1

64 41.1 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.522 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

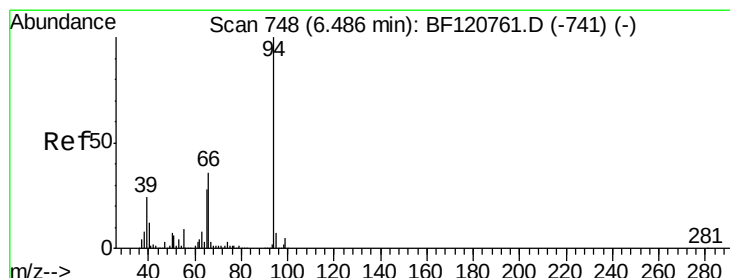
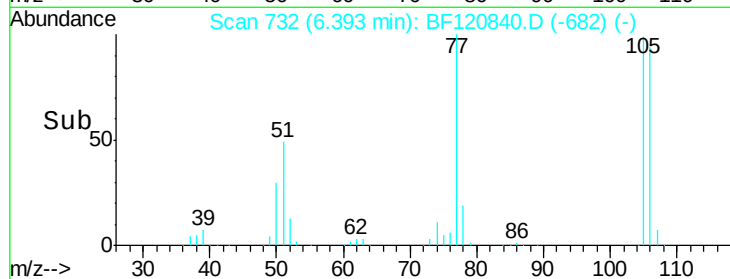
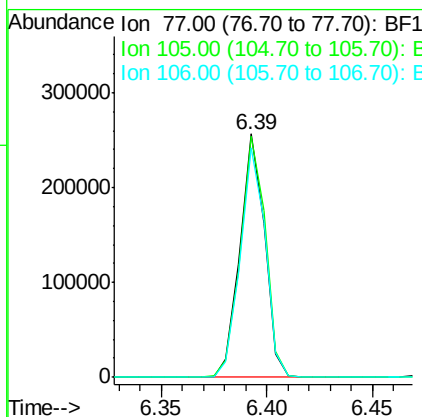
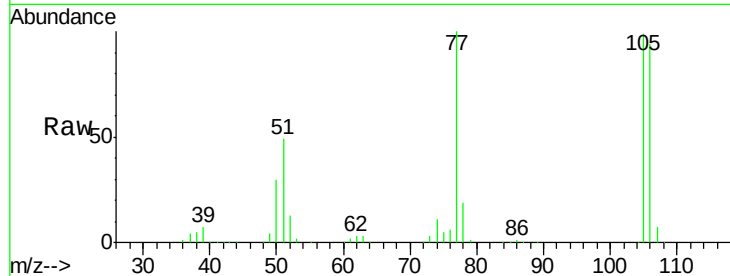
ClientSampled :

MH1MSD

Tot Ion:	77	Resp:	206604
Ion	Ratio	Lower	Upper
77	100		
105	98.8	76.8	116.8
106	94.1	73.8	113.8

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#10

Phenol

Concen: 43.393 ng m

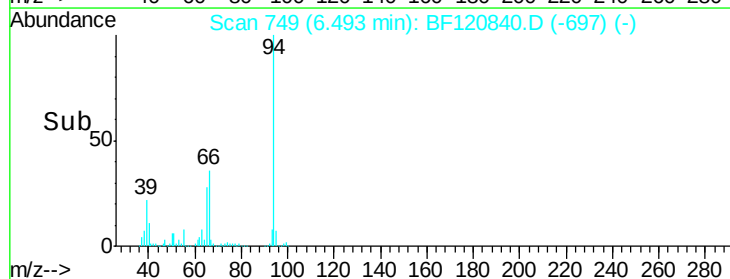
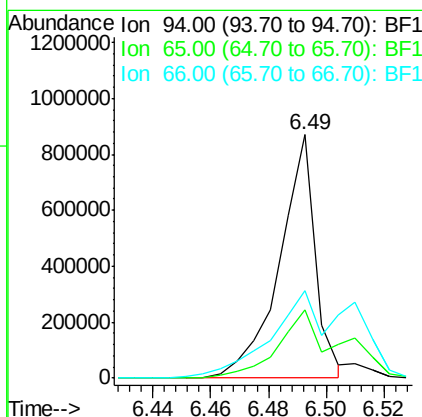
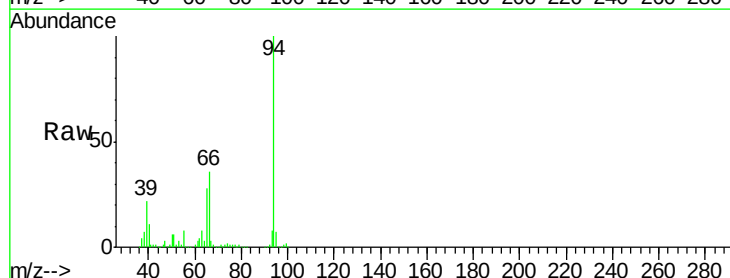
RT: 6.49 min Scan# 749

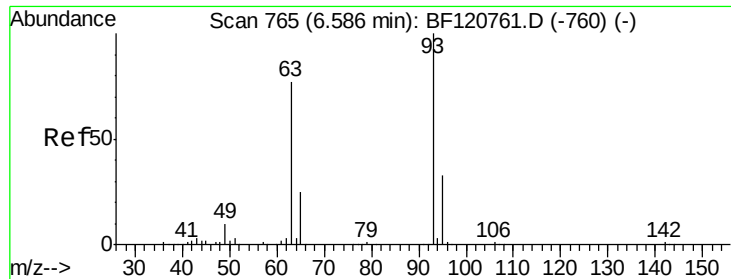
Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	94	Resp:	755620
Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.4	48.4
66	36.1	16.5	56.5





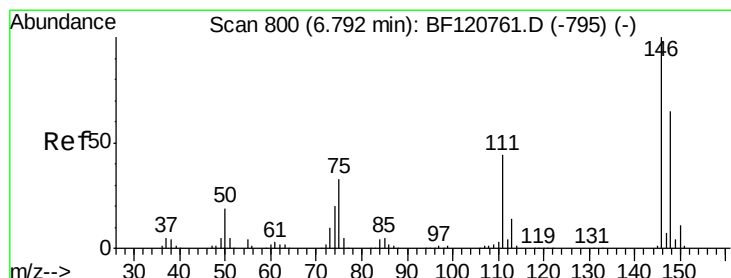
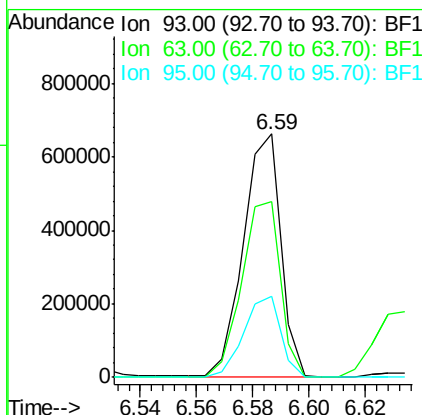
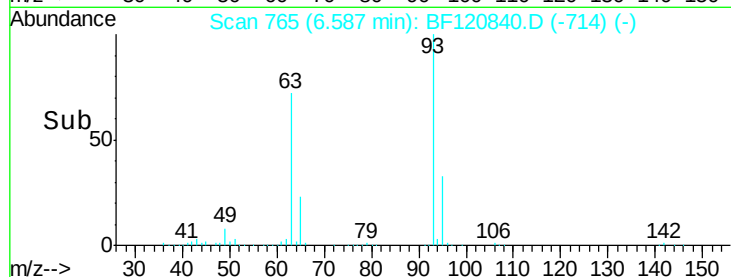
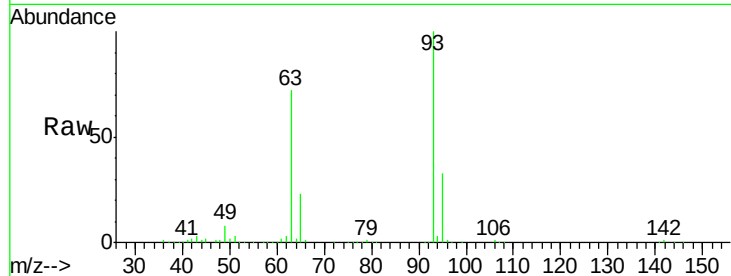
#11
bis(2-Chloroethyl)ether
Concen: 43.033 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion:	93	Resp:	609770
Ion	Ratio	Lower	Upper
93	100		
63	72.3	56.9	96.9
95	33.3	13.3	53.3

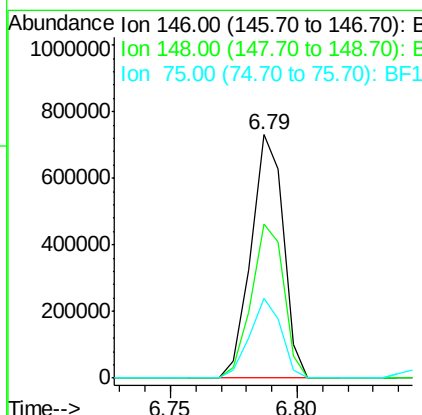
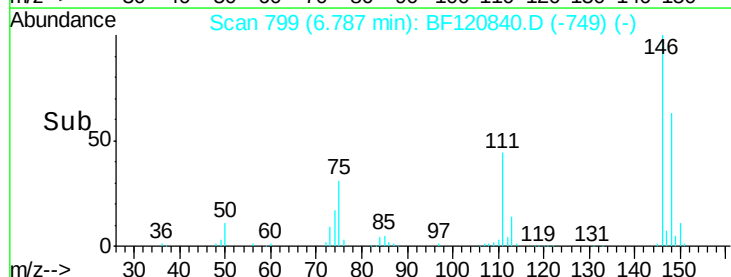
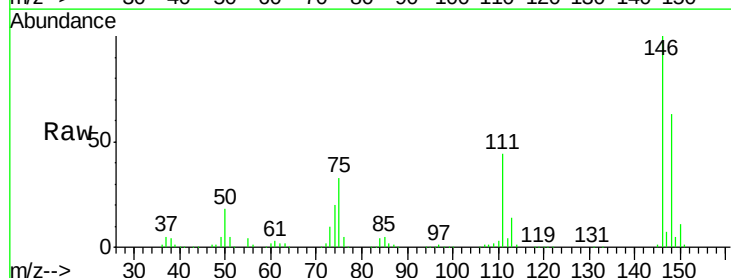
Manual Integrations
APPROVED

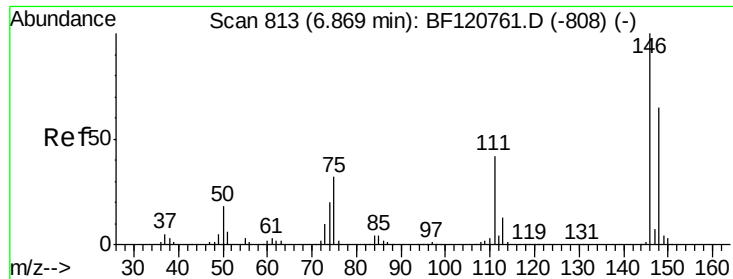
mohammad
7/13/2020 1:04:53 PM



#12
1,3-Dichlorobenzene
Concen: 41.795 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:	146	Resp:	649225
Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	32.7	26.0	39.0





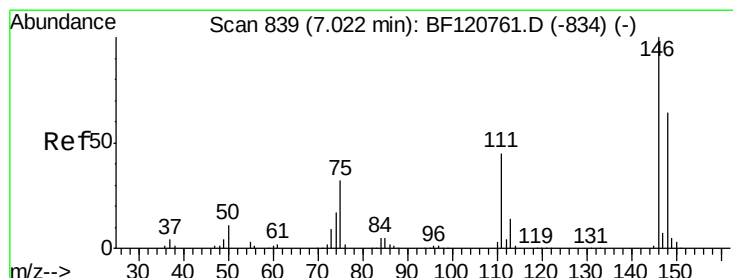
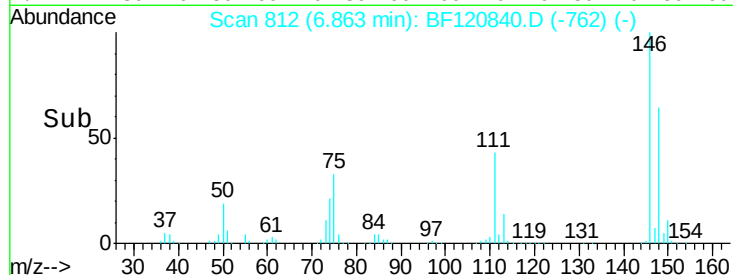
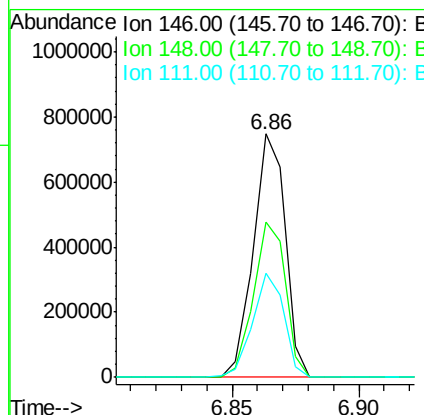
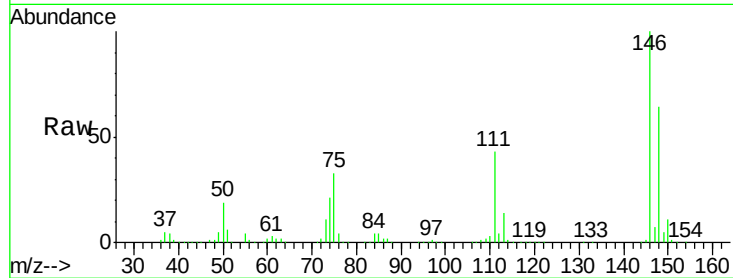
#13
 1,4-Dichlorobenzene
 Concen: 42.246 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampled :
 MH1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	42.9	33.7	50.5

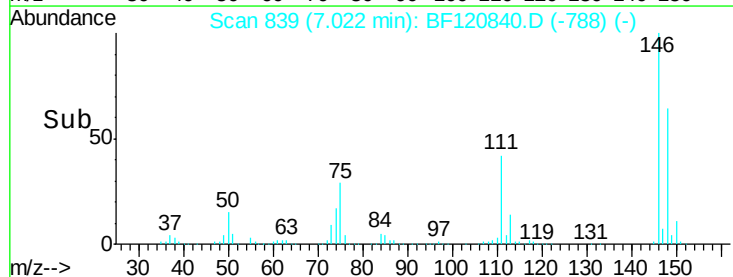
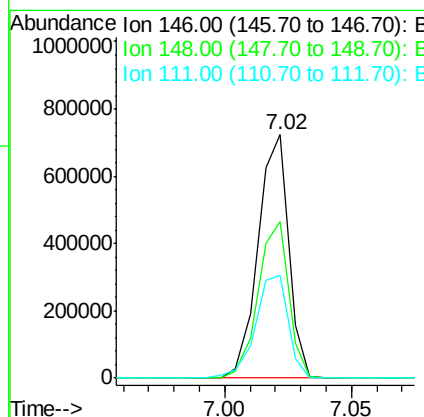
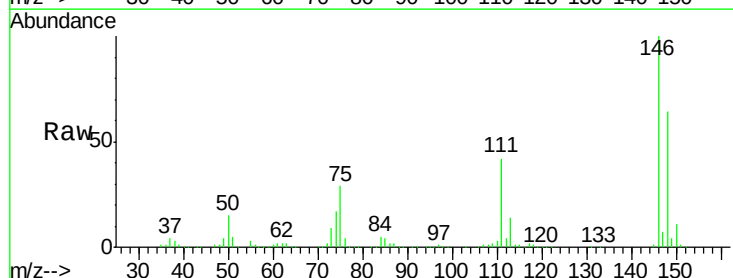
Manual Integrations
 APPROVED

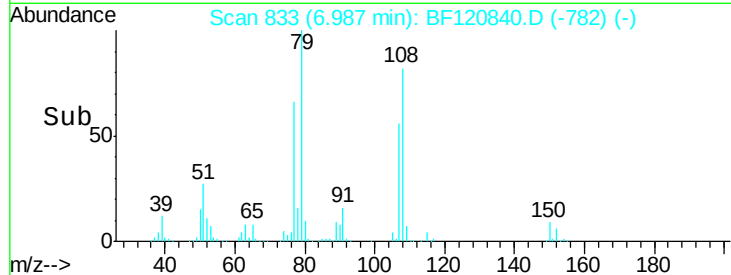
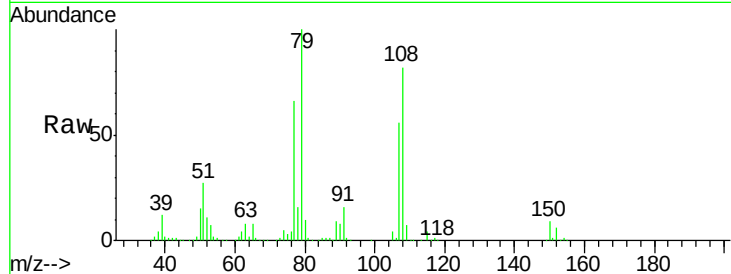
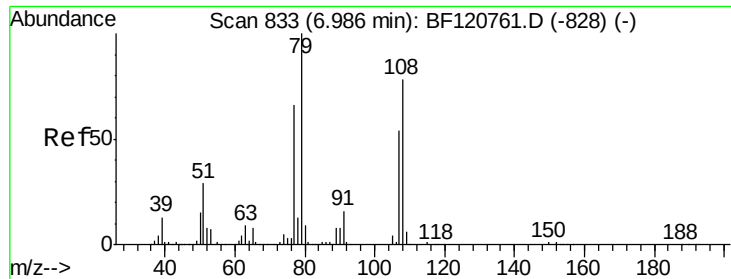
mohammad
 7/13/2020 1:04:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.360 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	42.3	35.7	53.5





#15

Benzyl Alcohol

Concen: 39.820 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tot Ion:	79	Resp:	506448
Ion	Ratio	Lower	Upper
79	100		
108	82.2	62.4	93.6
77	65.6	52.7	79.1

Instrument :

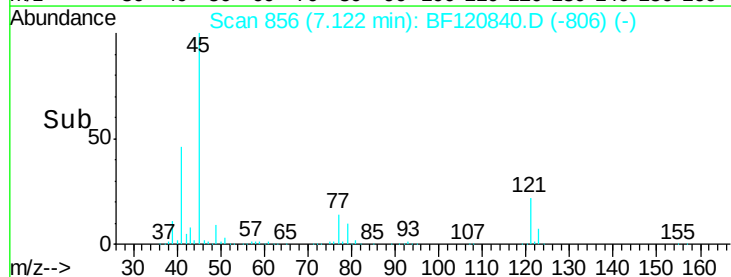
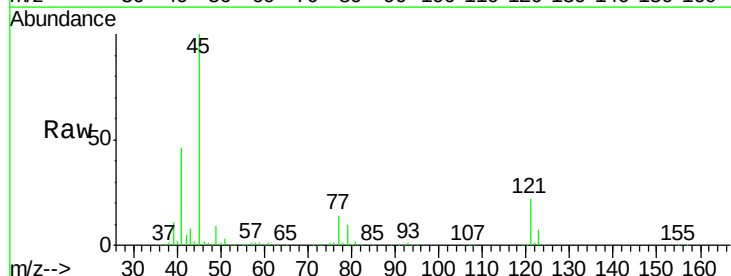
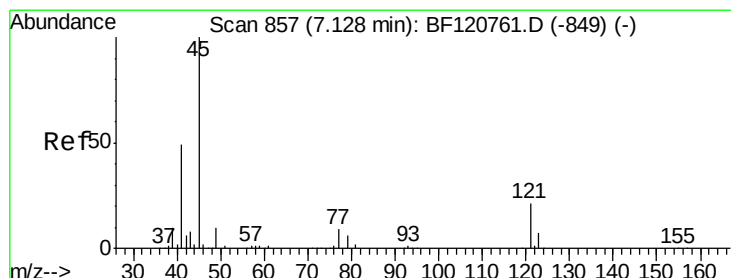
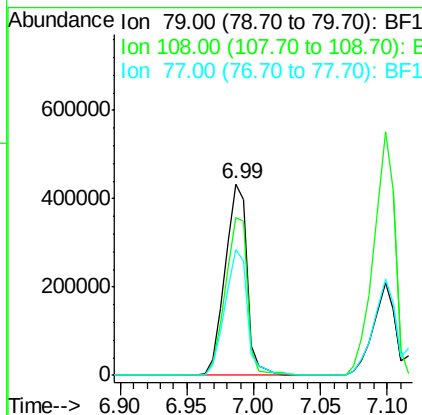
BNA_F

ClientSampled :

MH1MSD

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.412 ng

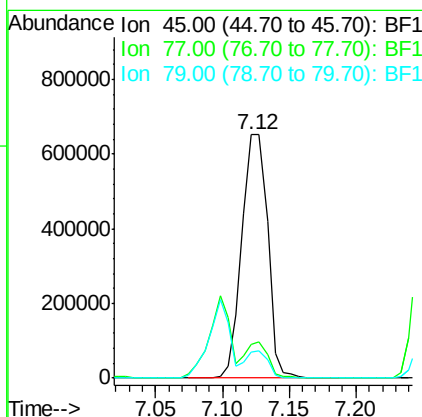
RT: 7.12 min Scan# 856

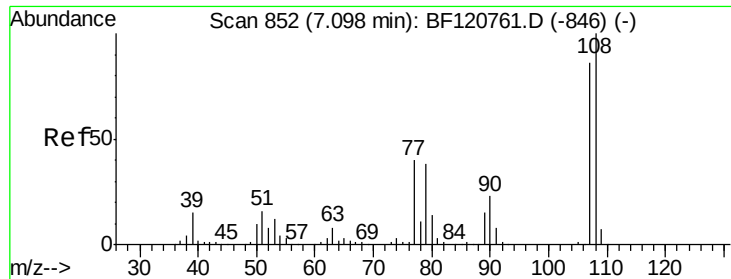
Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	45	Resp:	871082
Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.7
79	10.5	0.0	30.5





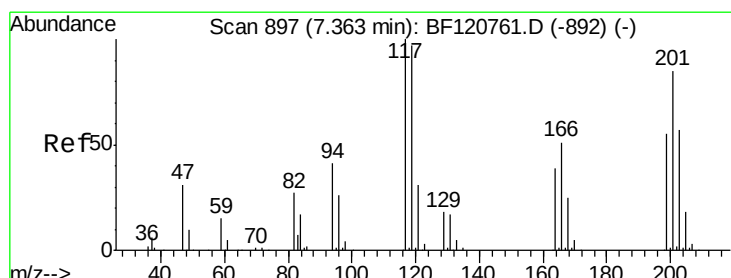
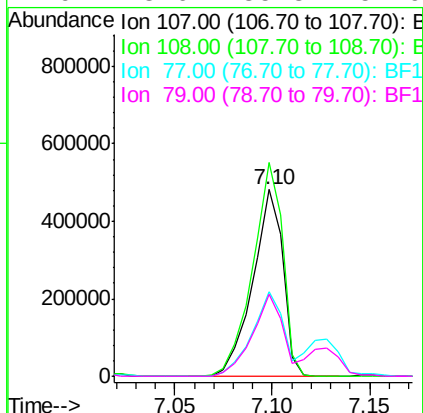
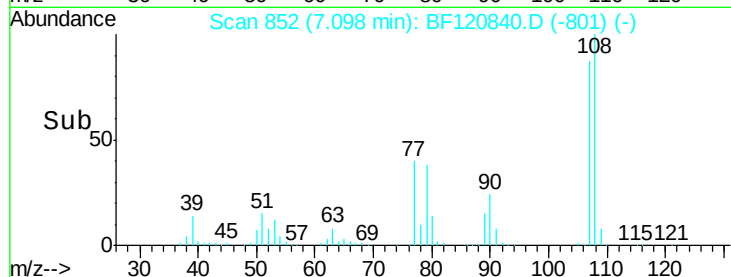
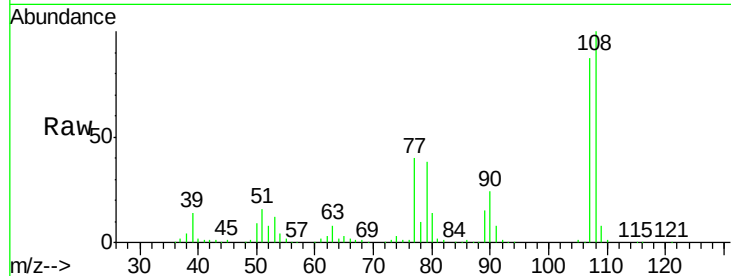
#17
2-Methylphenol
Concen: 40.782 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	114.5	93.1	139.7		
77	45.5	37.3	55.9		
79	43.6	35.3	52.9		

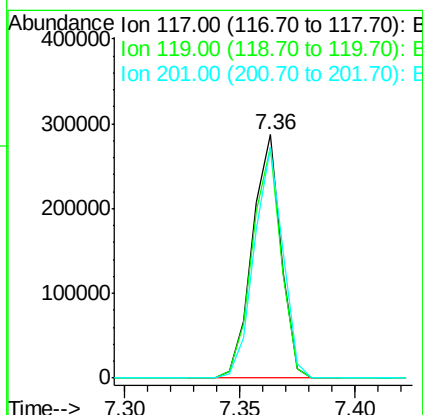
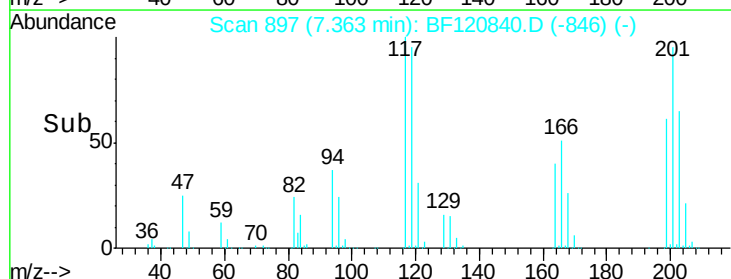
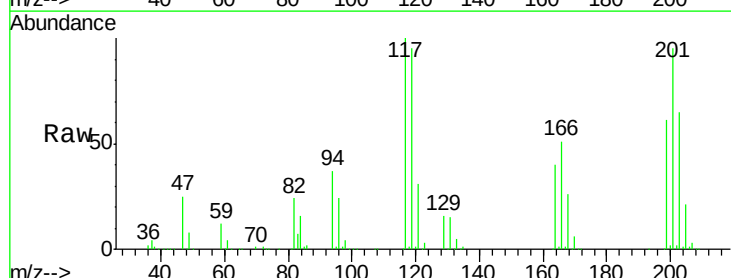
Manual Integrations
APPROVED

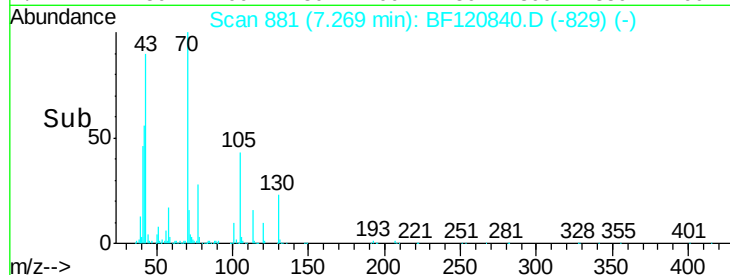
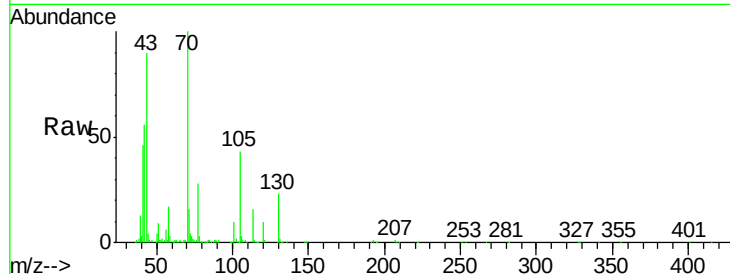
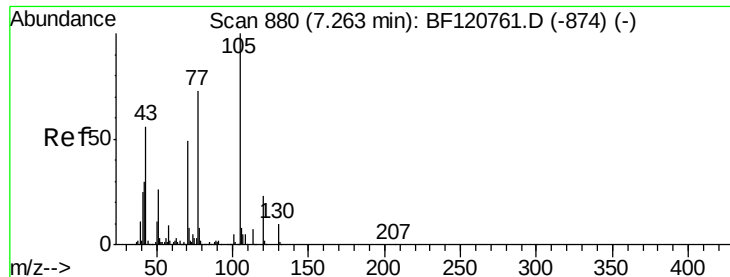
mohammad
7/13/2020 1:04:53 PM



#18
Hexachloroethane
Concen: 42.673 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	94.9	77.9	116.9		
201	95.0	68.3	102.5		





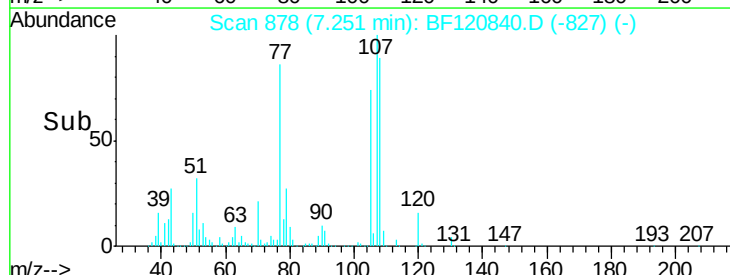
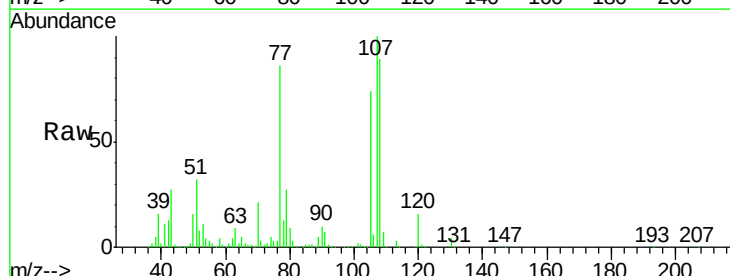
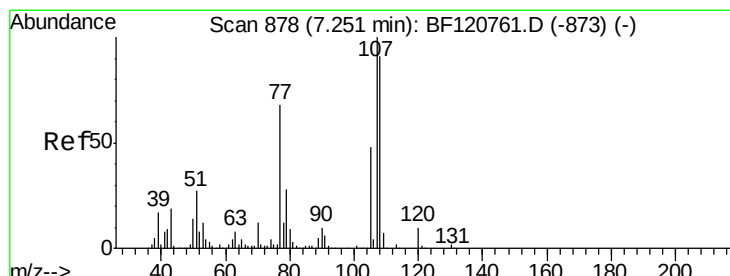
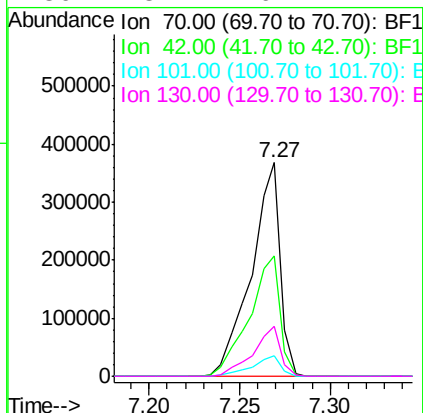
#19
n-Nitroso-di-n-propylamine
Concen: 40.225 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	50.3	75.5
101	9.8	7.5	11.3
130	23.1	16.1	24.1

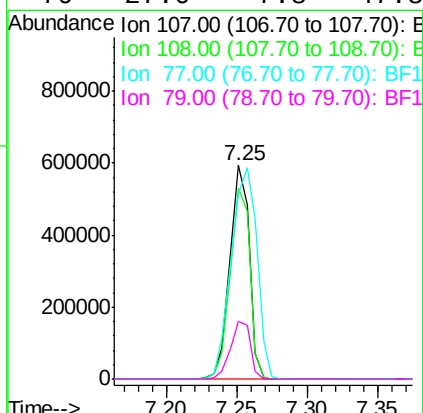
Manual Integrations
APPROVED

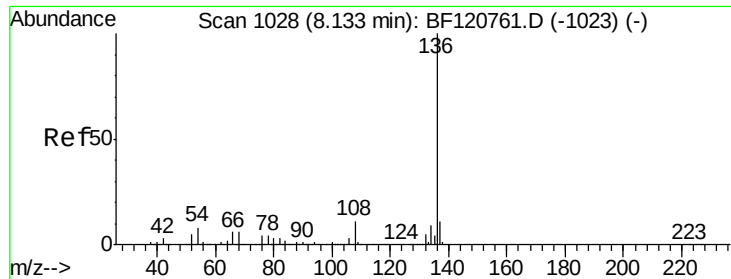
mohammad
7/13/2020 1:04:53 PM



#20
3+4-Methylphenols
Concen: 36.759 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.9	110.9
77	86.2	48.3	88.3
79	27.0	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

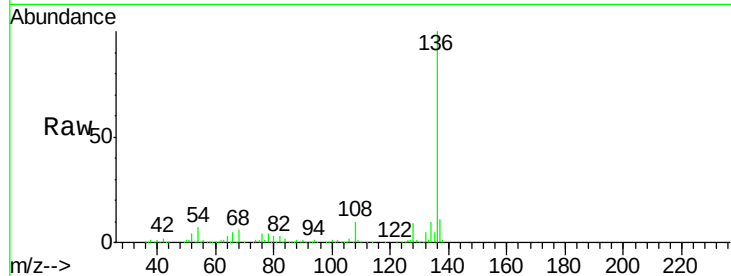
ClientSampleId :

MH1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	766079		
137	11.2		9.0	13.6
54	7.2		6.2	9.4
68	5.6		4.7	7.1

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



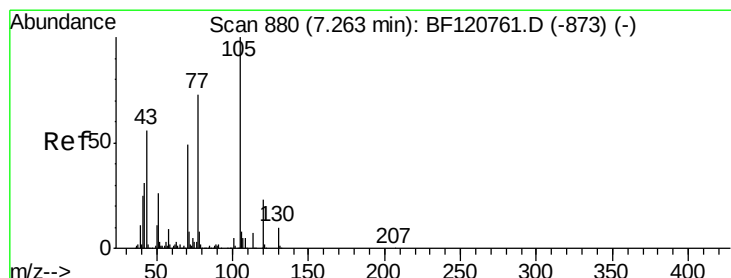
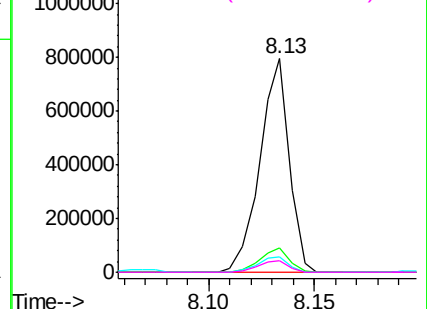
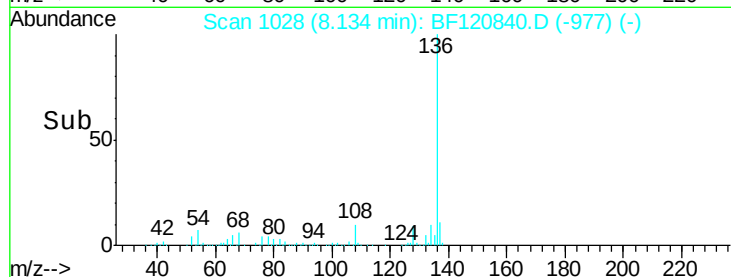
Abundance

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: 40.475 ng

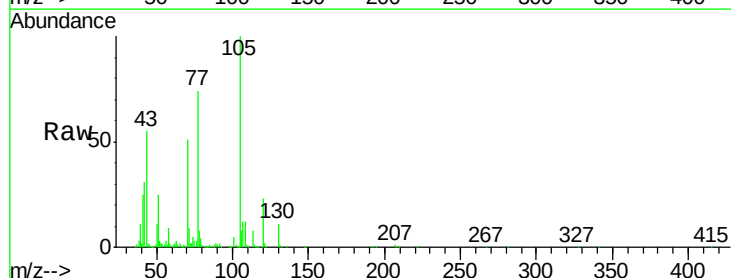
RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	770728		
71	8.9		6.5	9.7
51	25.2		21.0	31.4
120	22.9		18.6	28.0



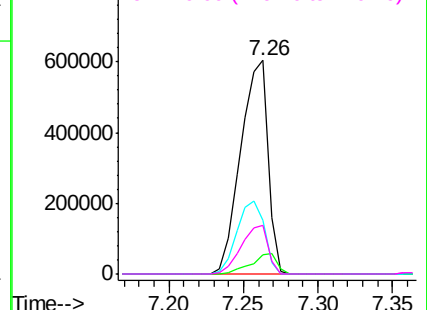
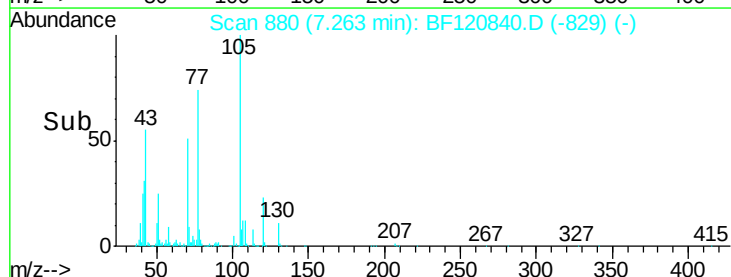
Abundance

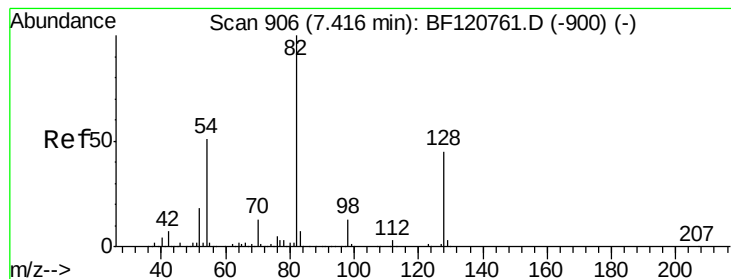
Ion 105.00 (104.70 to 105.70): E

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: 76.624 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampled :

MH1MSD

Tot Ion: 82 Resp: 1013163

Ion Ratio Lower Upper

82 100

128 48.2 35.7 53.5

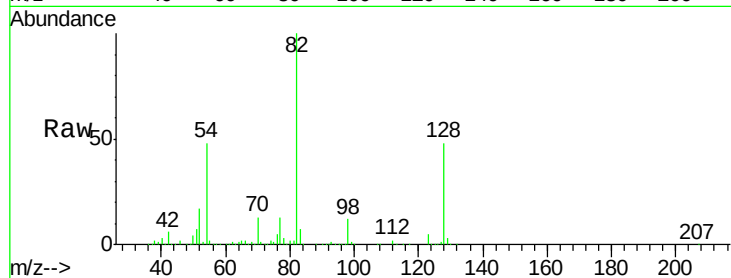
54 47.8 40.9 61.3

Manual Integrations

APPROVED

mohammad

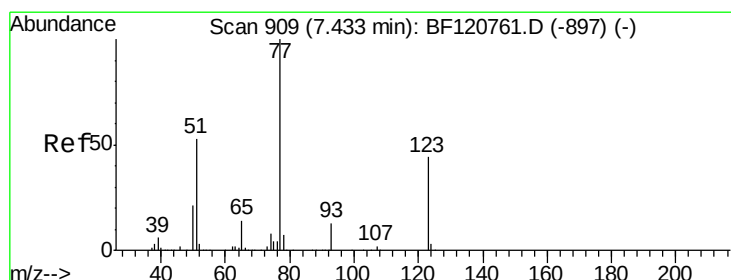
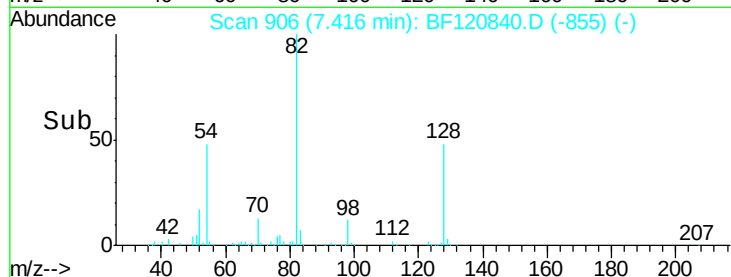
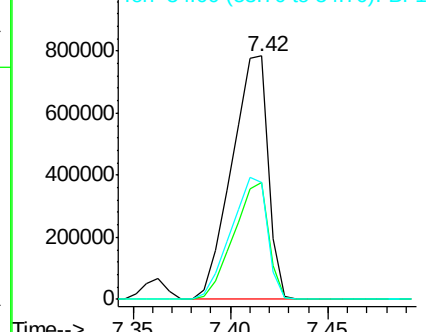
7/13/2020 1:04:53 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.116 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

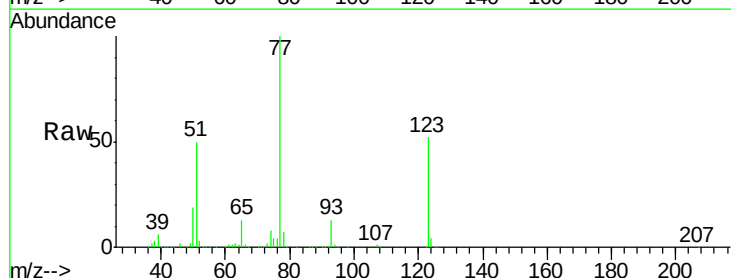
Tgt Ion: 77 Resp: 654948

Ion Ratio Lower Upper

77 100

123 51.7 36.1 54.1

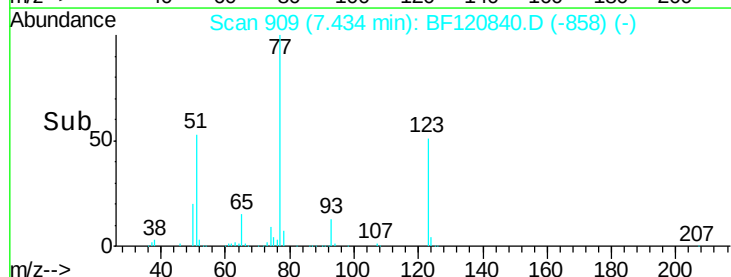
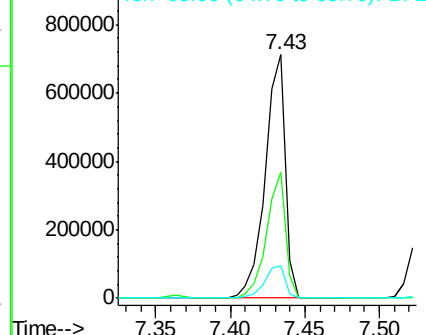
65 13.5 11.0 16.4

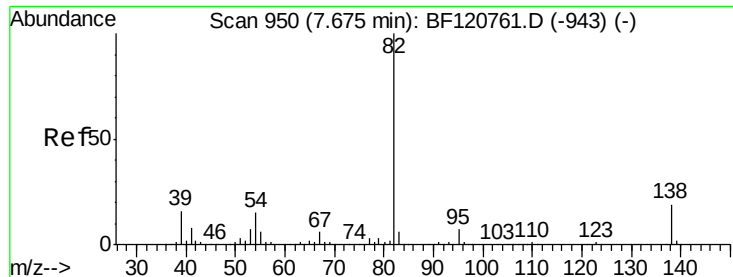


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.739 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion: 82 Resp: 1190206

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

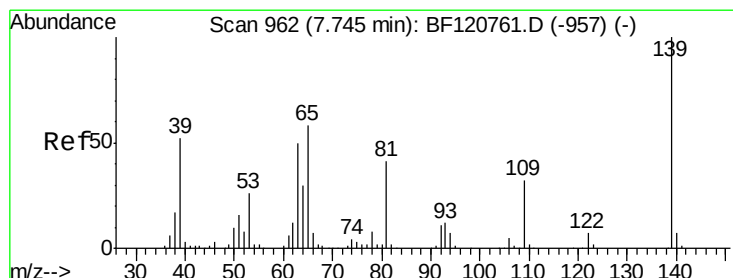
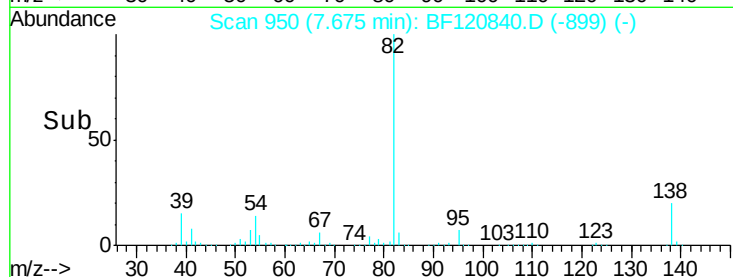
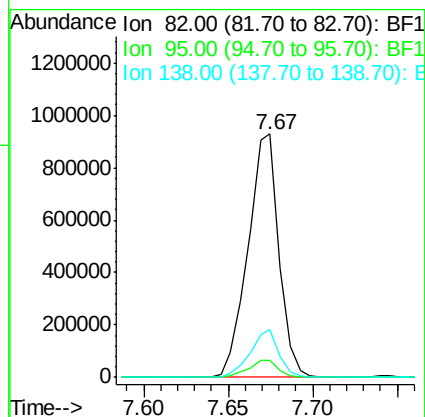
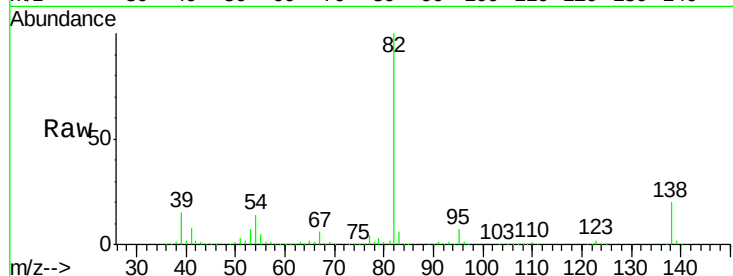
138 19.5 15.0 22.4

Manual Integrations

APPROVED

mohammad

7/13/2020 1:04:53 PM



#26

2-Nitrophenol

Concen: 50.138 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

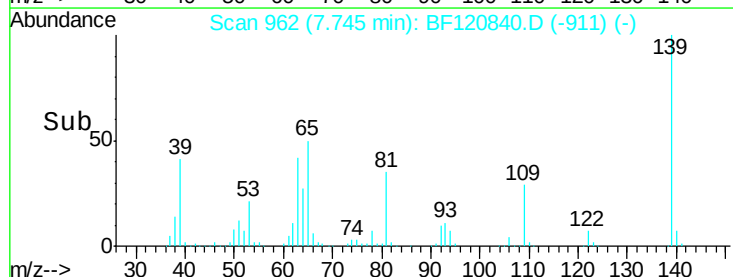
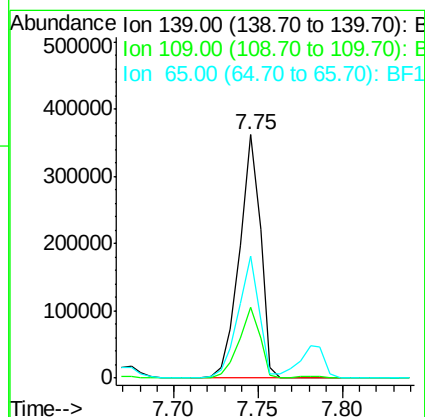
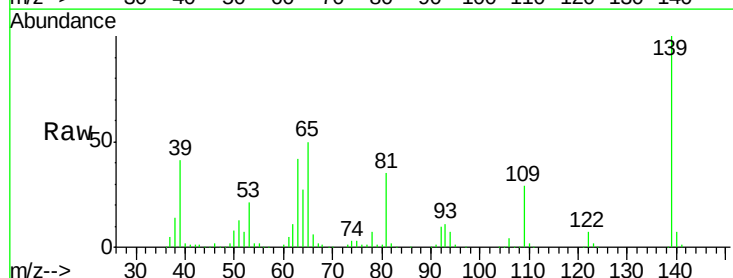
Tgt Ion: 139 Resp: 314131

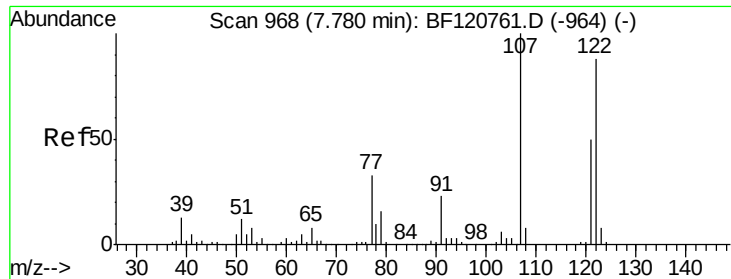
Ion Ratio Lower Upper

139 100

109 29.1 25.3 37.9

65 50.2 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 46.595 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

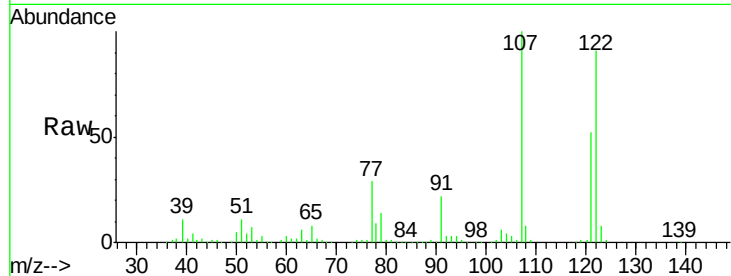
ClientSampled :

MH1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	530395		
107	109.7	90.7	136.1	
121	57.2	45.4	68.0	

Manual Integrations
APPROVED

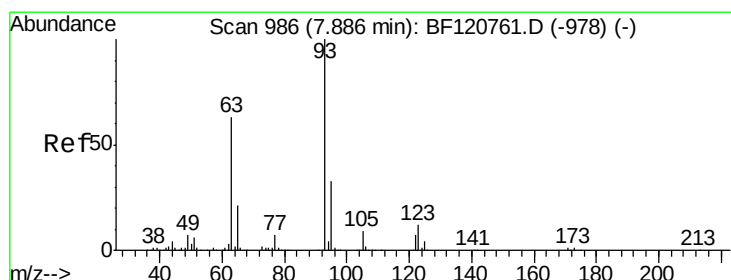
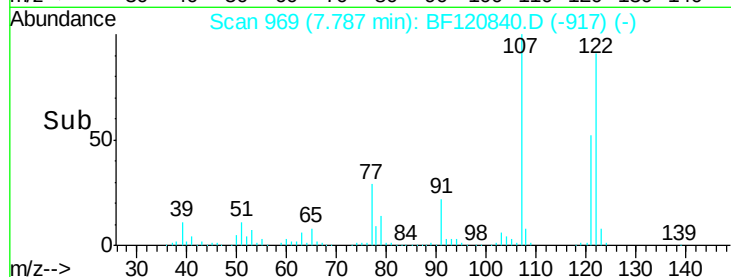
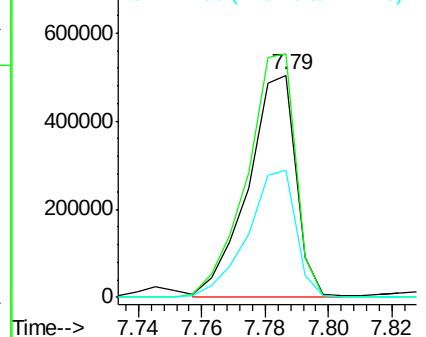
mohammad
7/13/2020 1:04:53 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.577 ng

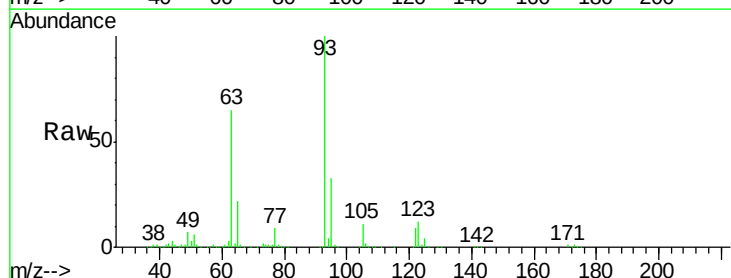
RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

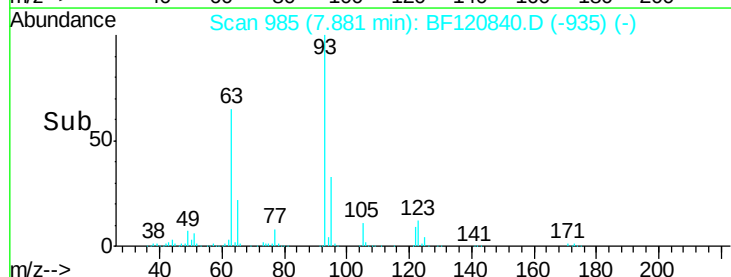
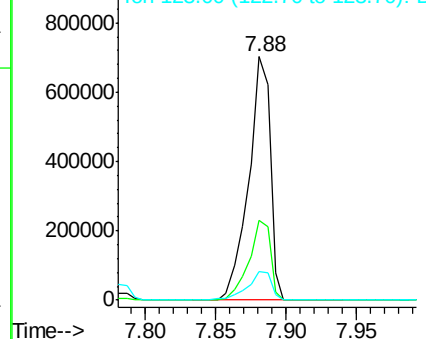
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	752304		
95	32.7	26.4	39.6	
123	12.0	10.2	15.2	

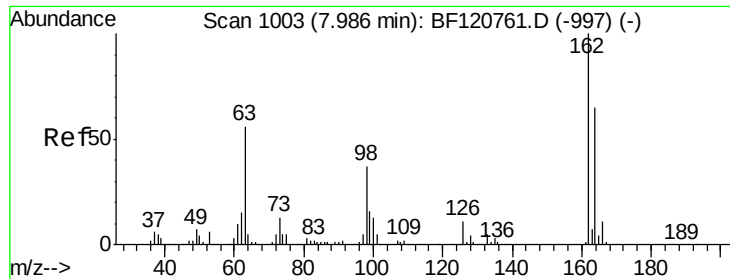


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





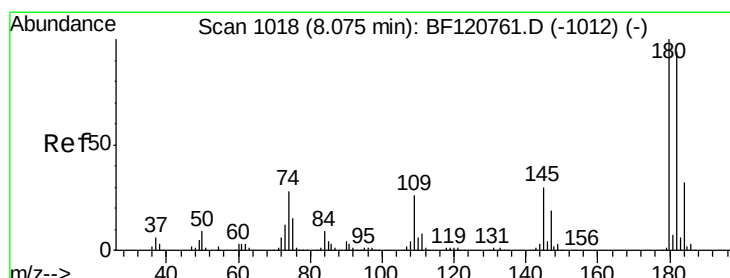
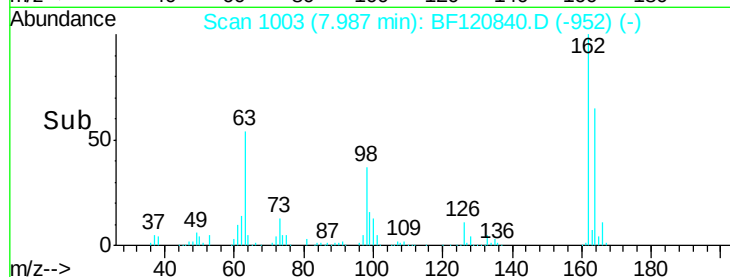
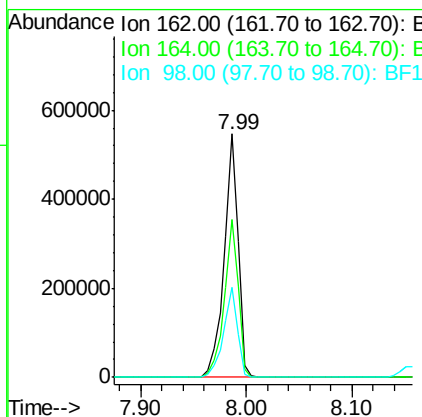
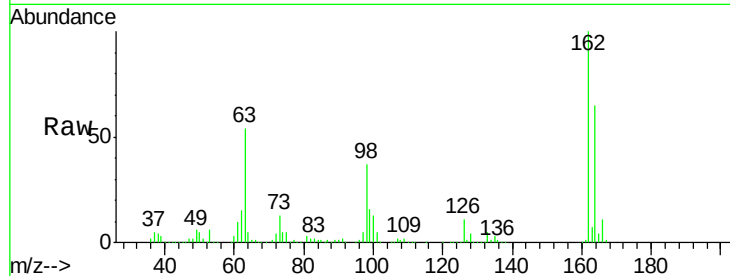
#29
2,4-Dichlorophenol
Concen: 44.639 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	507267		
164	64.7	45.2	85.2	
98	36.8	17.0	57.0	

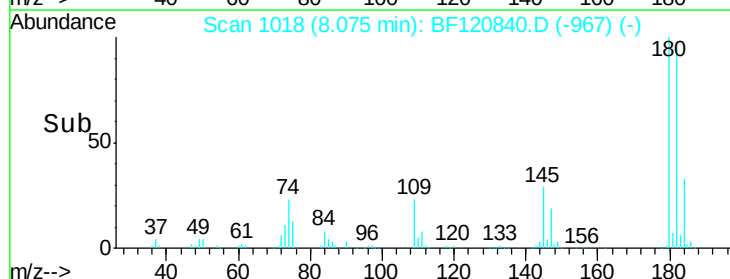
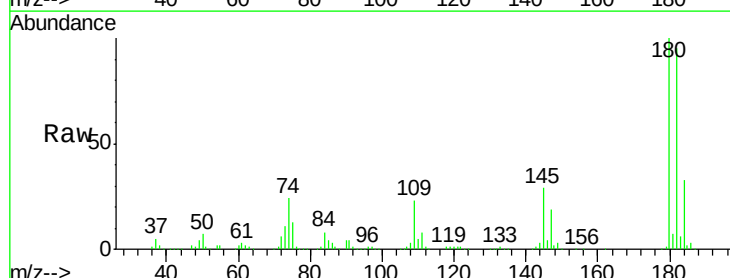
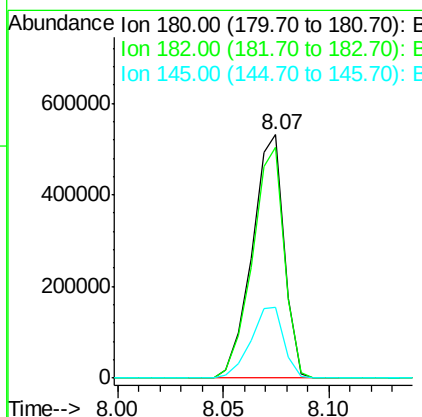
Manual Integrations
APPROVED

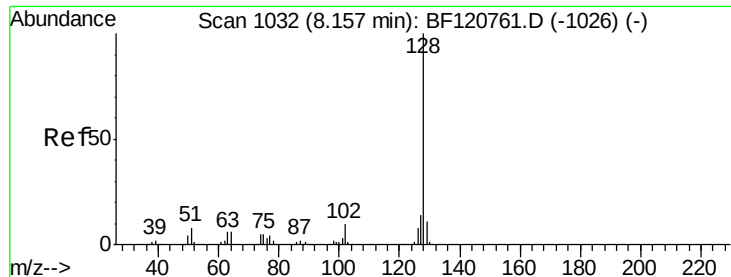
mohammad
7/13/2020 1:04:53 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.902 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	560347		
182	94.7	75.5	113.3	
145	29.0	24.1	36.1	





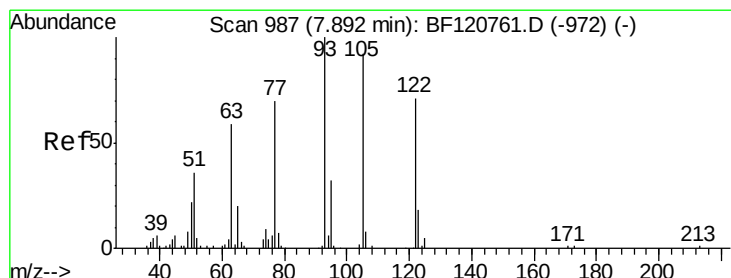
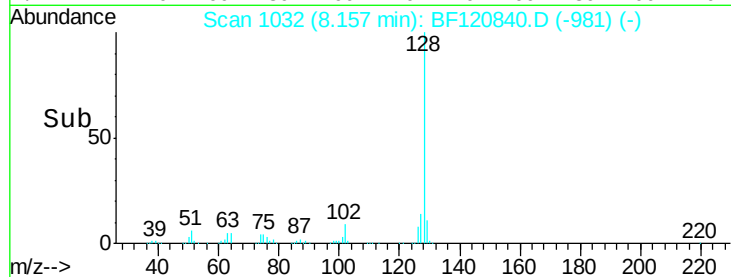
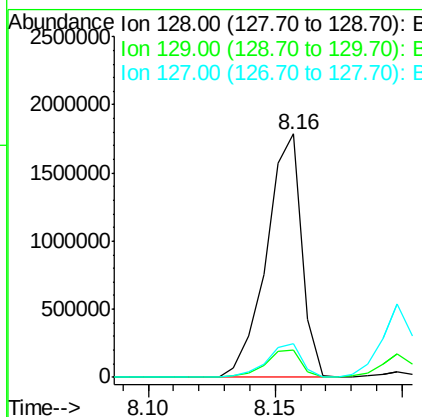
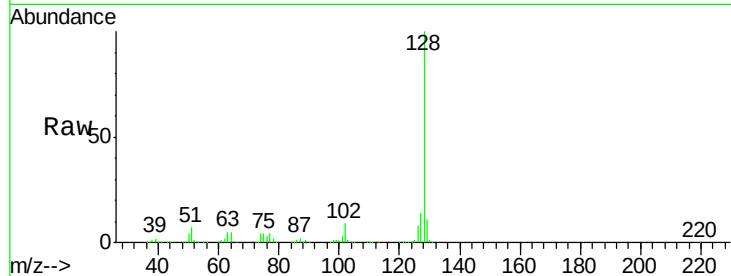
#31
Naphthalene
Concen: 42.510 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.8	11.1	16.7

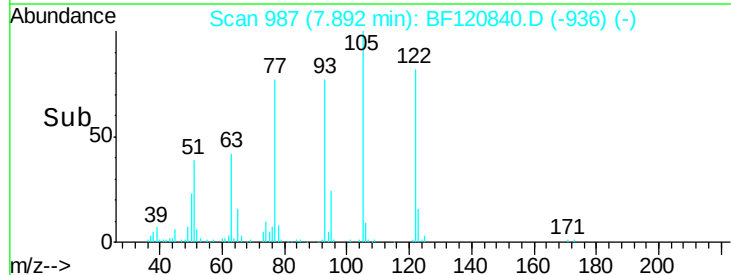
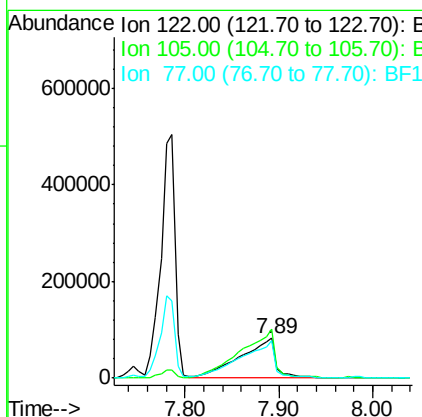
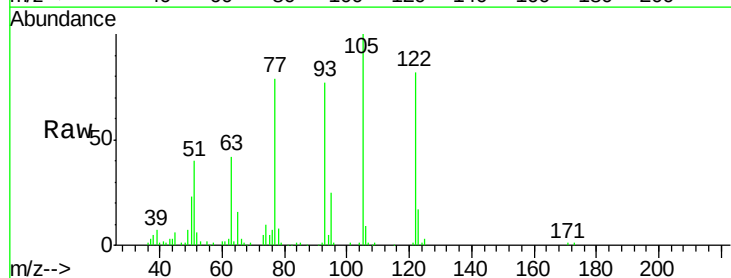
Manual Integrations
APPROVED

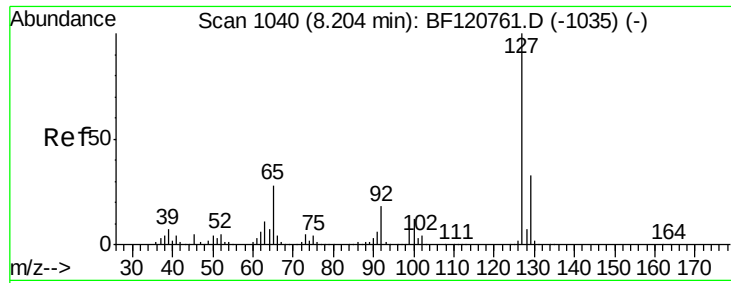
mohammad
7/13/2020 1:04:53 PM



#32
Benzoic acid
Concen: 28.359 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	105.8	145.8
77	95.6	77.3	117.3





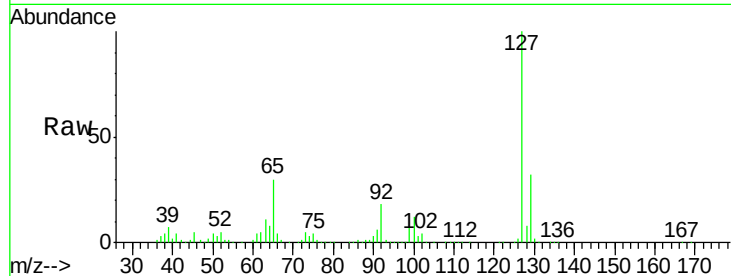
#33
4-Chloroaniline
Concen: 26.920 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

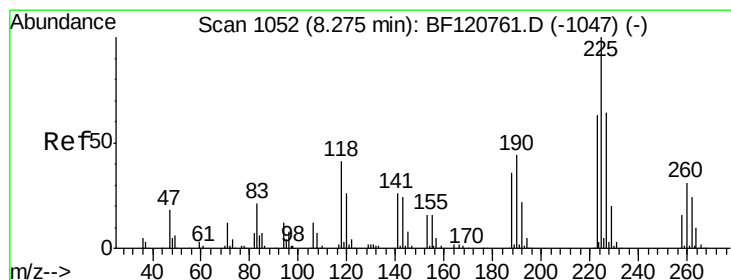
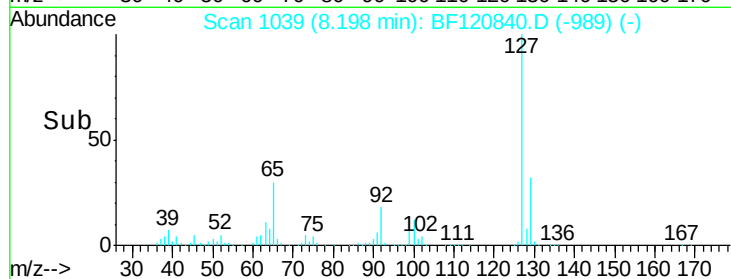
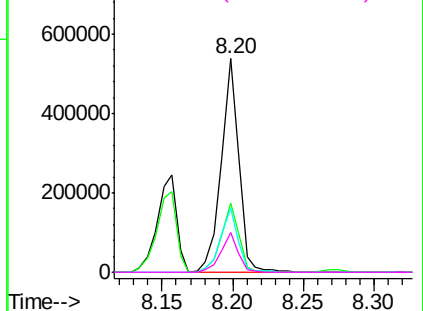
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		467684		
129	32.5	26.6	39.8		
65	29.7	22.7	34.1		
92	18.5	14.3	21.5		

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM

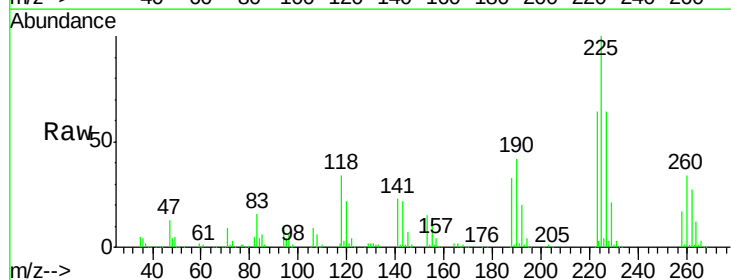


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

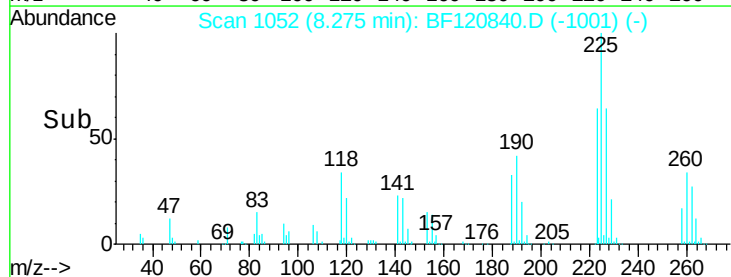
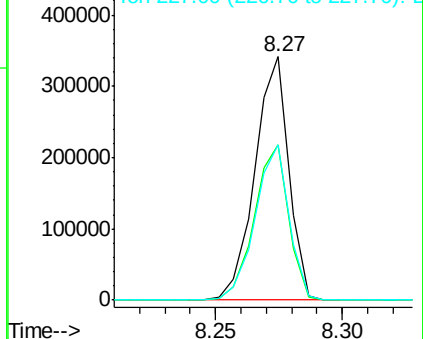


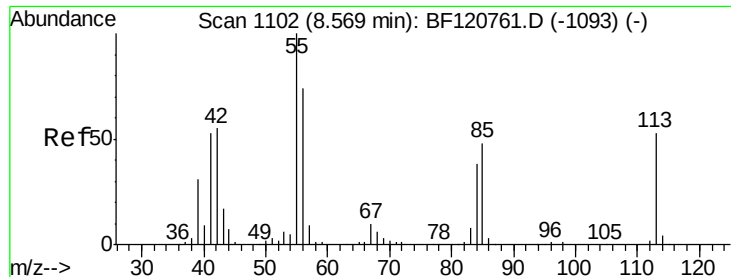
#34
Hexachlorobutadiene
Concen: 41.295 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		316993		
223	63.5	50.6	76.0		
227	64.0	51.4	77.2		



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





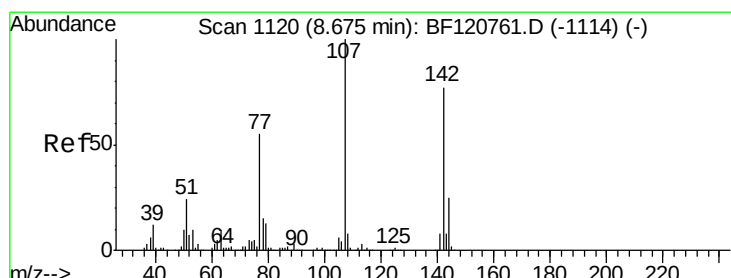
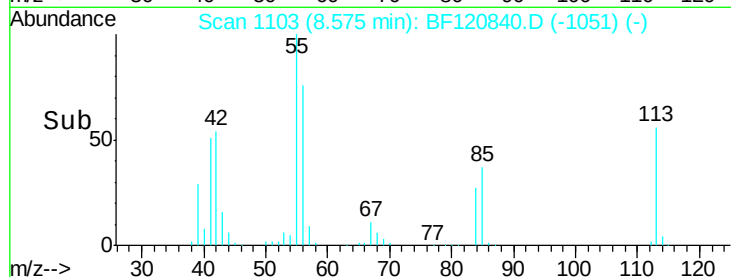
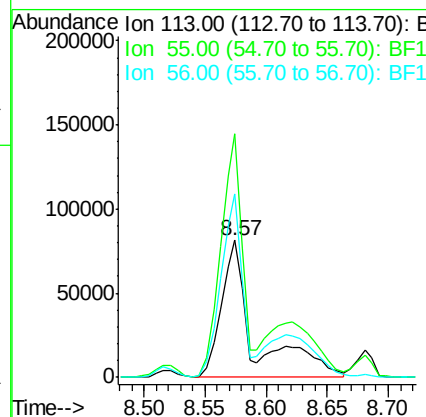
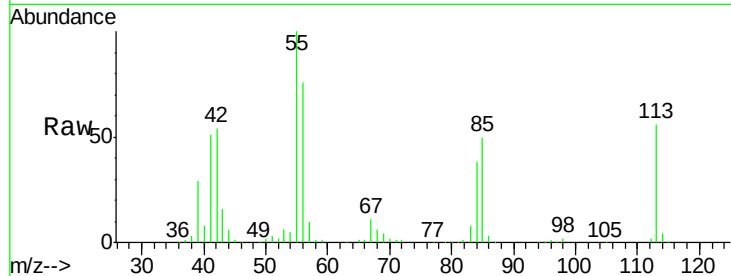
#35
Caprolactam
Concen: 46.060 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.8	168.3	208.3
56	134.3	118.8	158.8

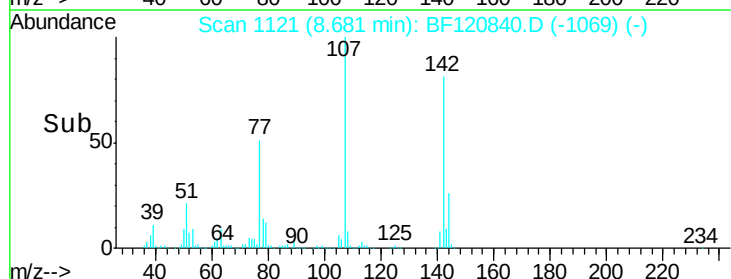
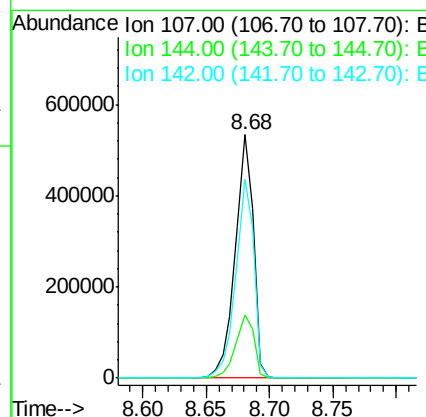
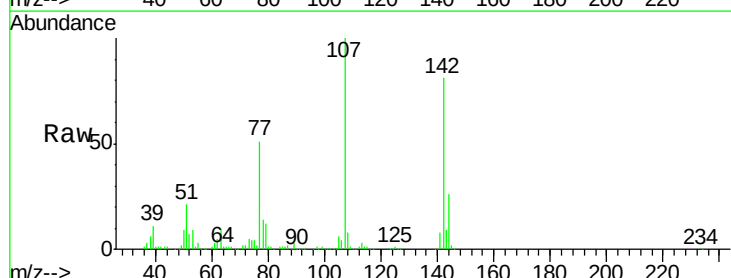
Manual Integrations
APPROVED

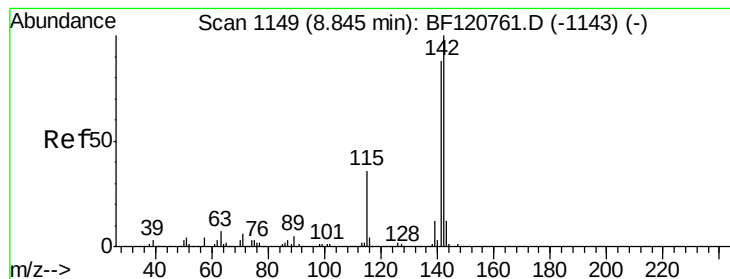
mohammad
7/13/2020 1:04:53 PM



#36
4-Chloro-3-methylphenol
Concen: 44.478 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	19.7	29.5
142	81.5	61.2	91.8





#37

2-Methylnaphthalene

Concen: 43.490 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:142 Resp: 1157456

Ion Ratio Lower Upper

142 100

141 89.6 70.2 105.4

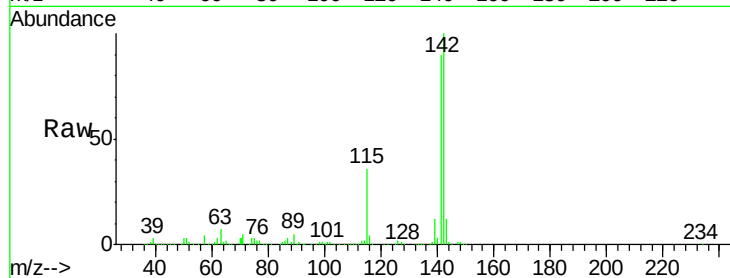
115 35.5 29.0 43.4

Manual Integrations

APPROVED

mohammad

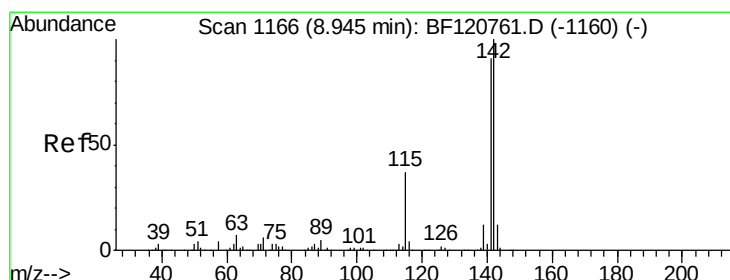
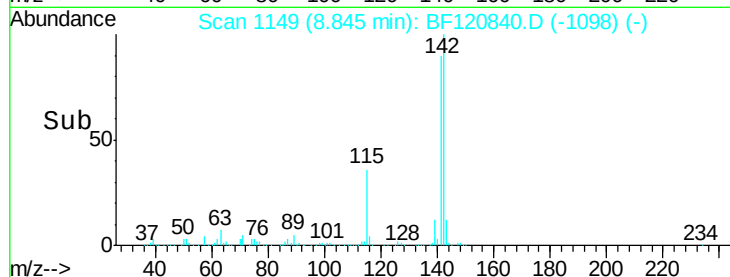
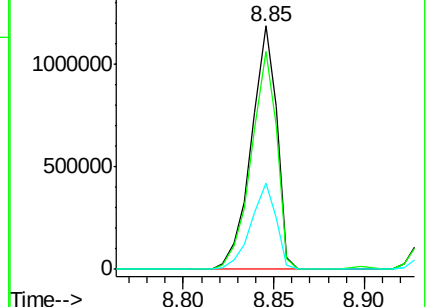
7/13/2020 1:04:53 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.957 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

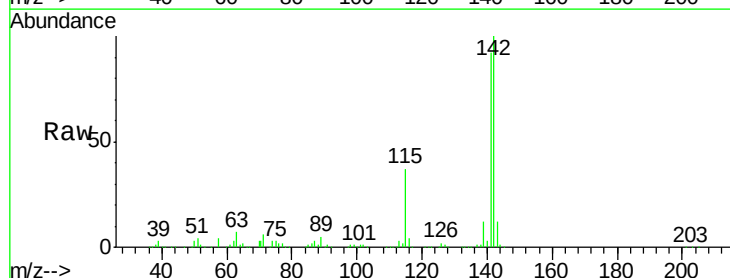
Tgt Ion:142 Resp: 1095846

Ion Ratio Lower Upper

142 100

141 92.3 72.5 108.7

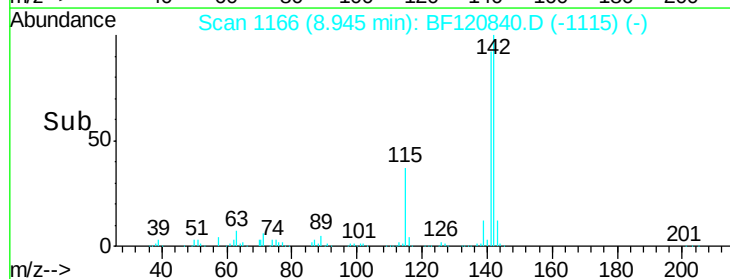
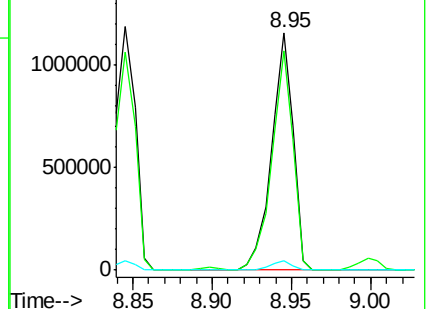
116 3.8 3.1 4.7

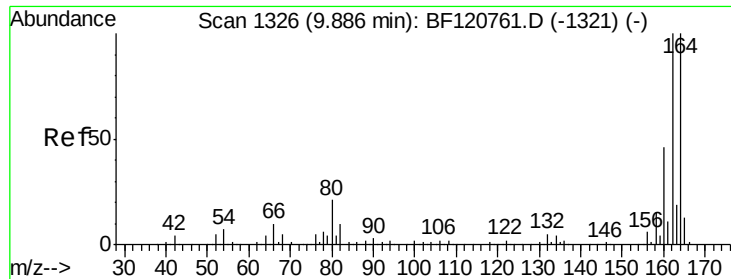


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





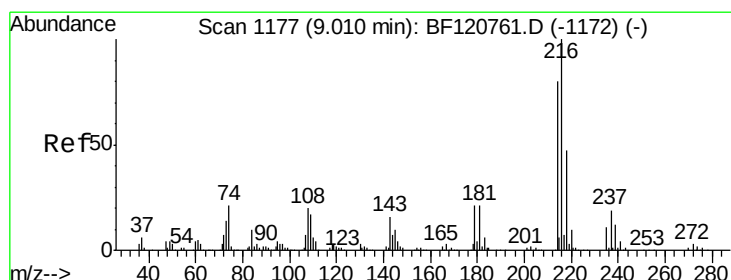
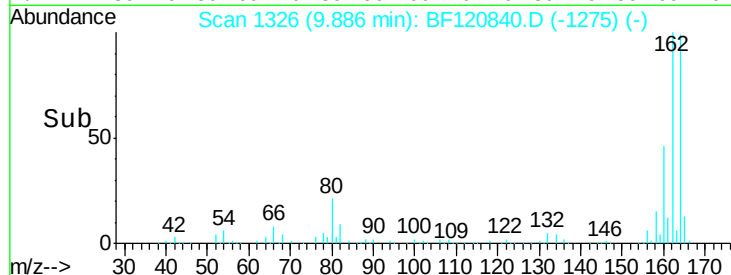
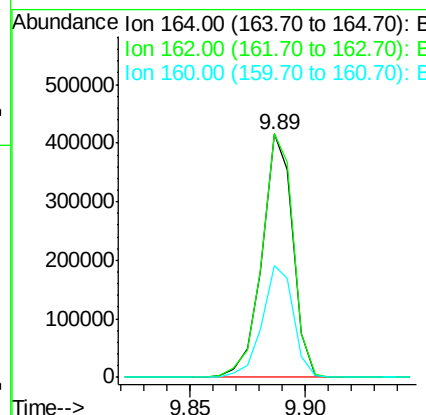
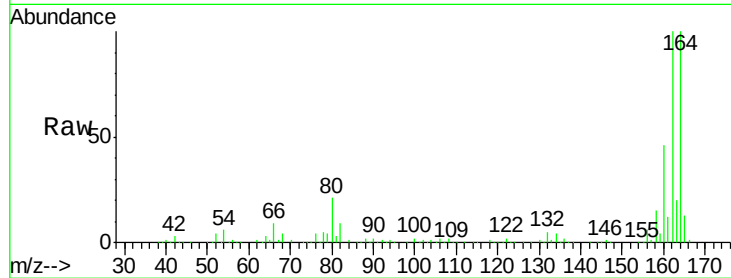
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampled :
MH1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	46.2	36.9	55.3

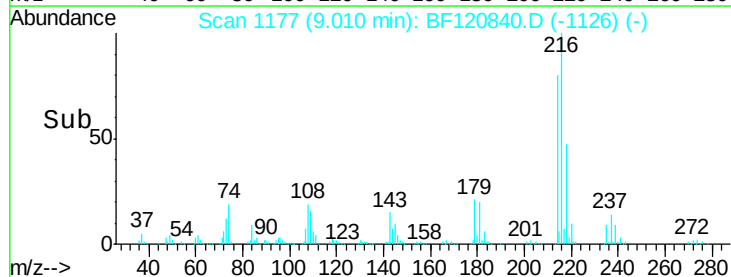
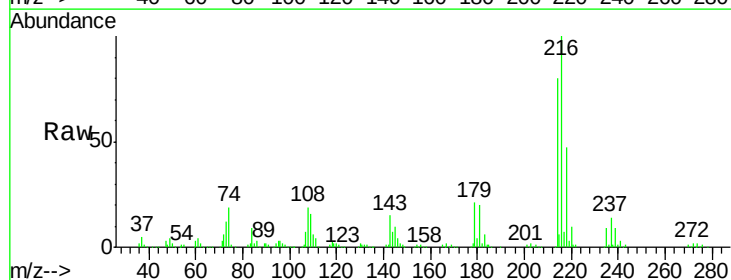
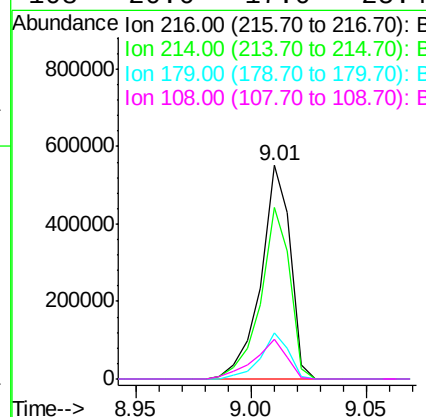
Manual Integrations
APPROVED

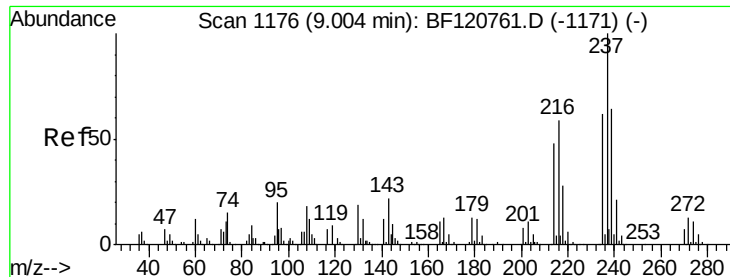
mohammad
7/13/2020 1:04:53 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.192 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.7	95.5
179	20.8	16.7	25.1
108	20.6	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 63.269 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

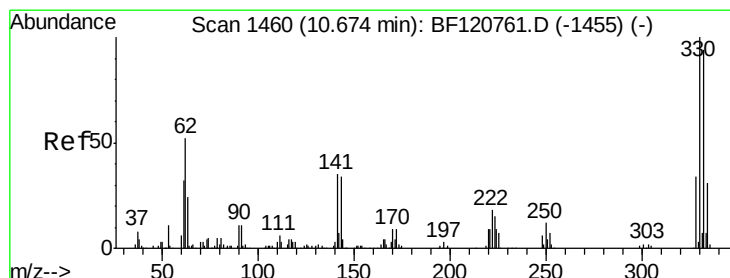
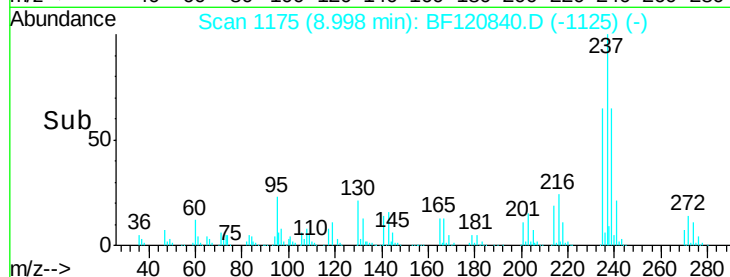
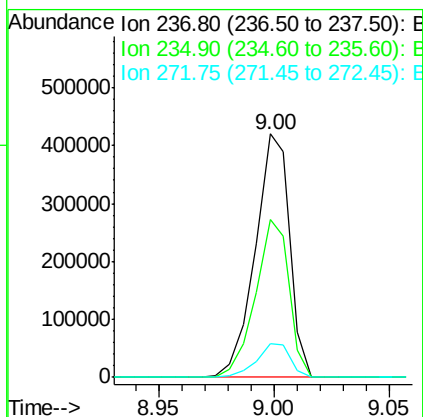
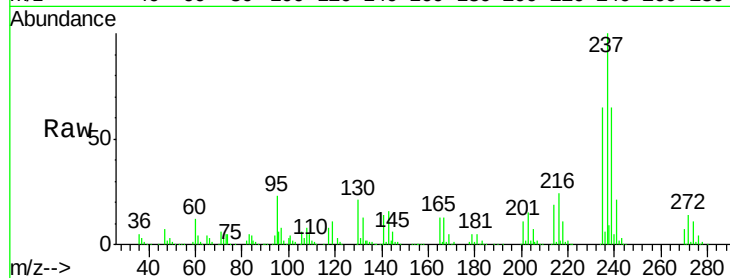
ClientSampleId :

MH1MSD

Tot Ion:	237	Resp:	436497
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.1	82.1
272	13.7	0.0	33.4

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#42

2,4,6-Tribromophenol

Concen: 104.964 ng

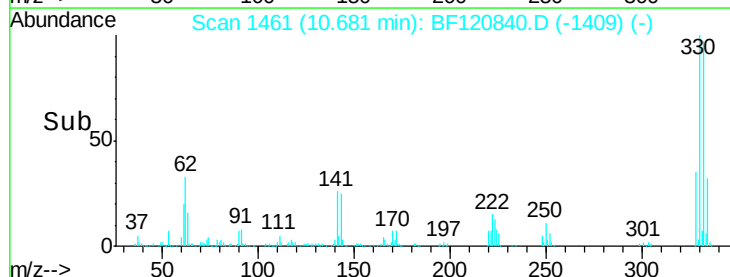
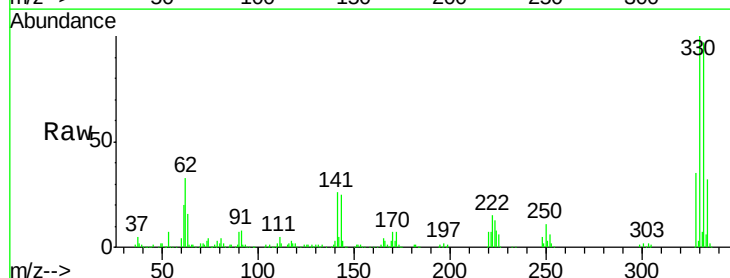
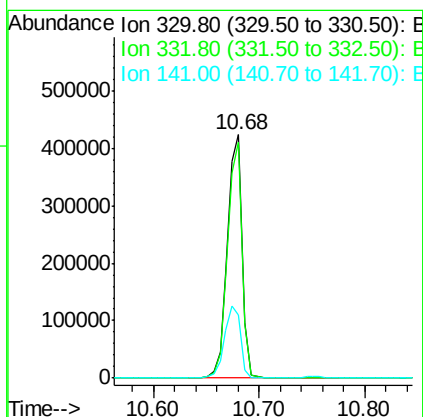
RT: 10.68 min Scan# 1461

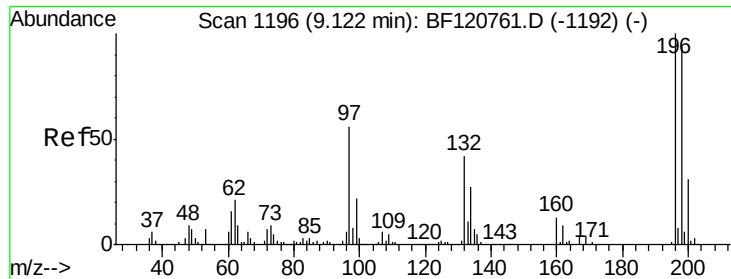
Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	330	Resp:	407422
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.8	113.6
141	32.7	29.7	44.5





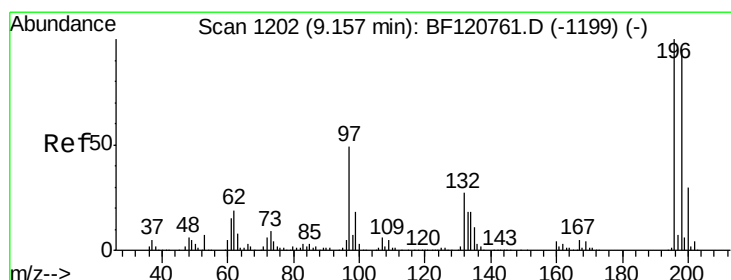
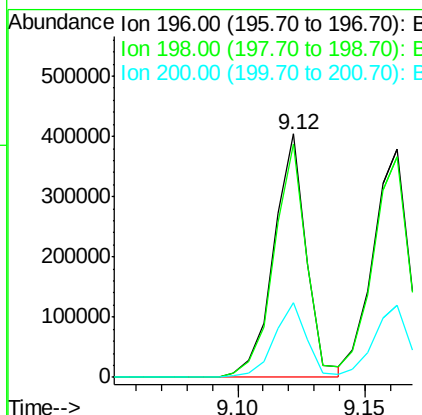
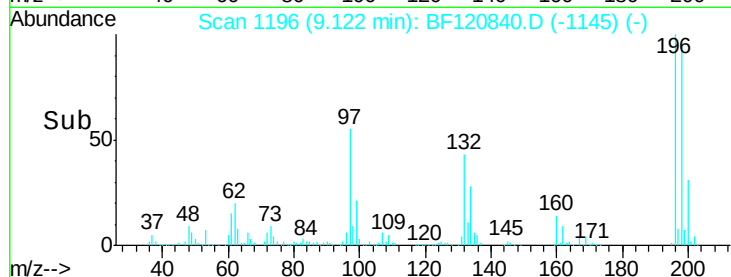
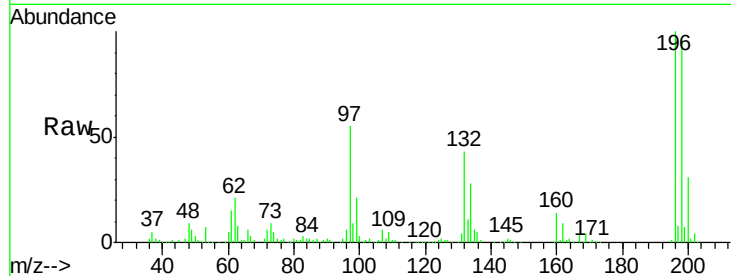
#43
 2,4,6-Trichlorophenol
 Concen: 45.668 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampled :
 MH1MSD

Tot Ion:	196	Resp:	363361
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.3	112.9
200	30.7	24.4	36.6

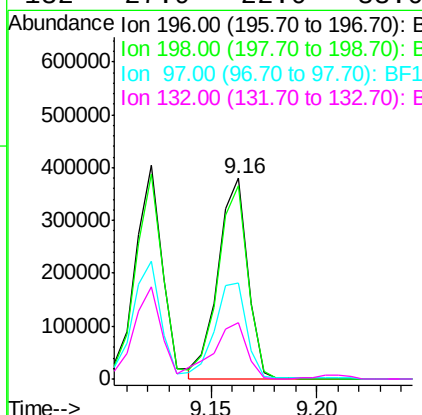
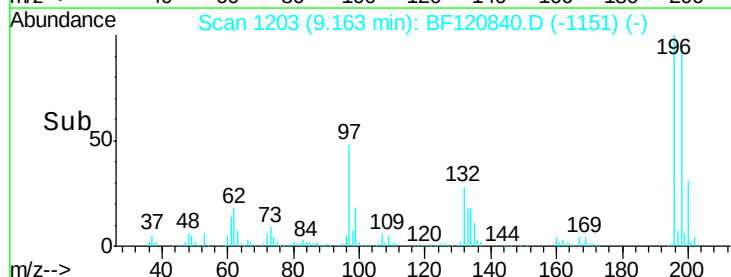
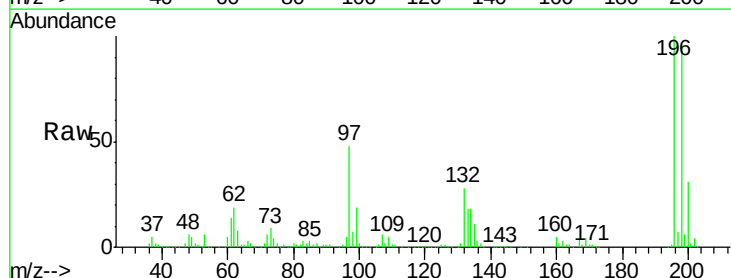
Manual Integrations
 APPROVED

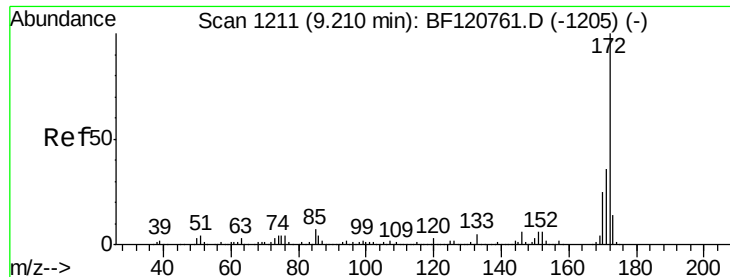
mohammad
 7/13/2020 1:04:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.927 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:	196	Resp:	370221
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.2	114.2
97	47.7	39.6	59.4
132	27.9	22.0	33.0





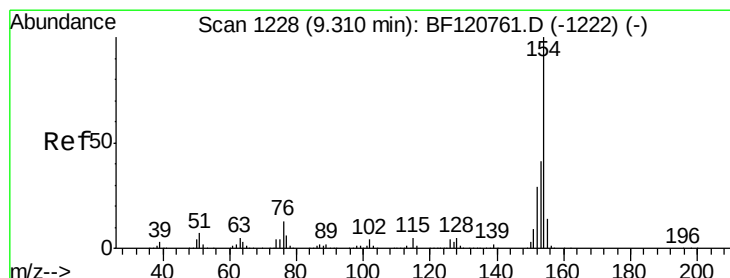
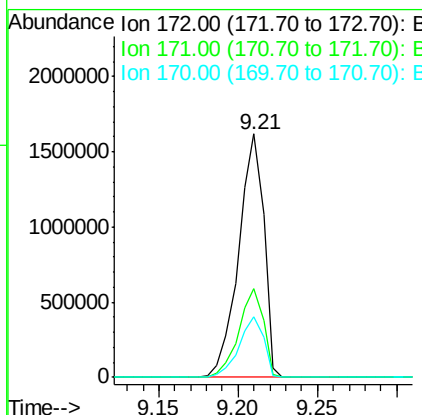
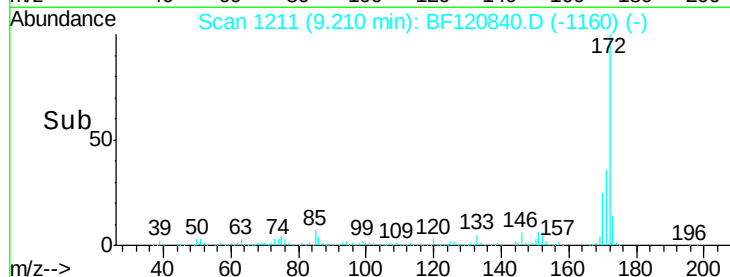
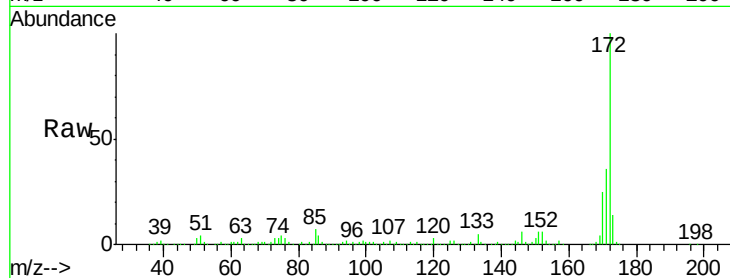
#45
2-Fluorobiphenyl
Concen: 69.271 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.1	43.7	
170	24.6	19.8	29.6	

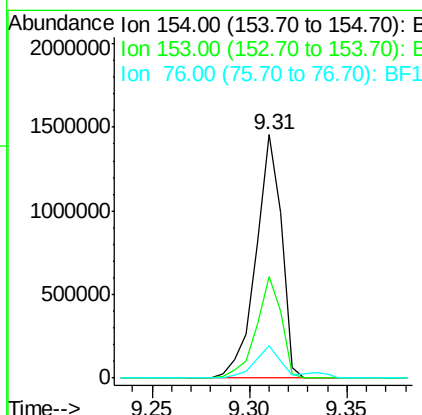
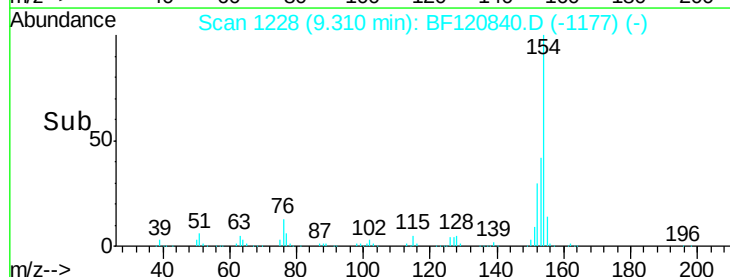
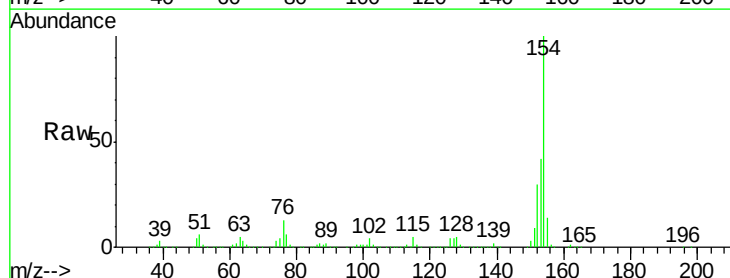
Manual Integrations
APPROVED

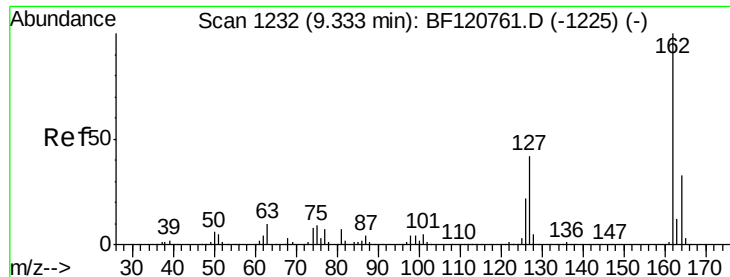
mohammad
7/13/2020 1:04:53 PM



#46
1,1'-Biphenyl
Concen: 42.255 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	20.7	60.7	
76	13.3	0.0	33.3	





#47

2-Chloronaphthalene

Concen: 42.316 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion: 162 Resp: 1056499

Ion Ratio Lower Upper

162 100

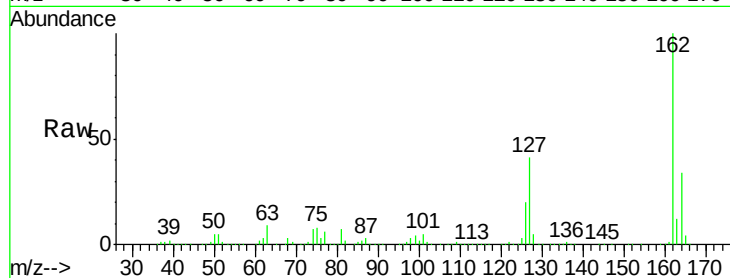
127 41.3 33.7 50.5

164 33.5 26.4 39.6

Manual Integrations
APPROVED

mohammad

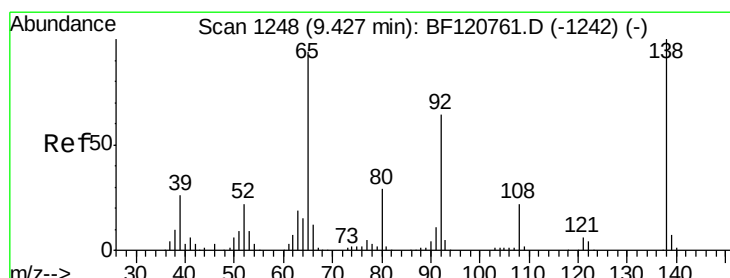
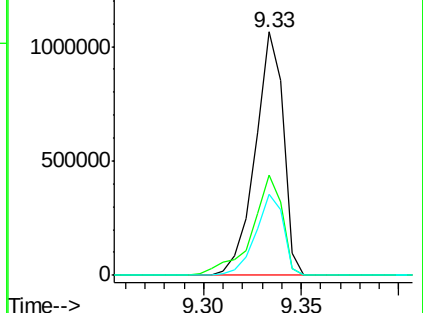
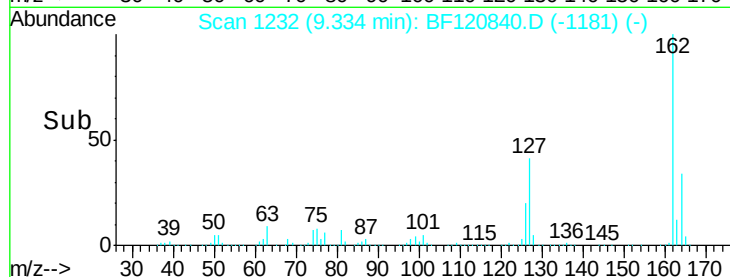
7/13/2020 1:04:53 PM



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: 45.811 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

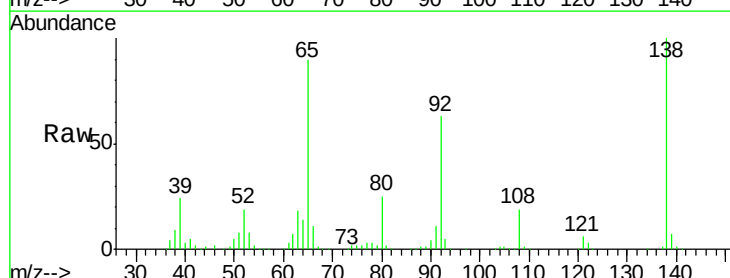
Tgt Ion: 65 Resp: 341532

Ion Ratio Lower Upper

65 100

92 69.8 54.4 81.6

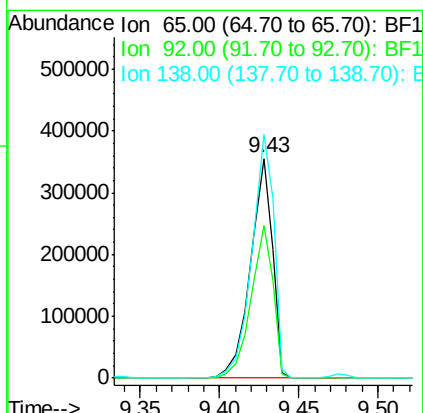
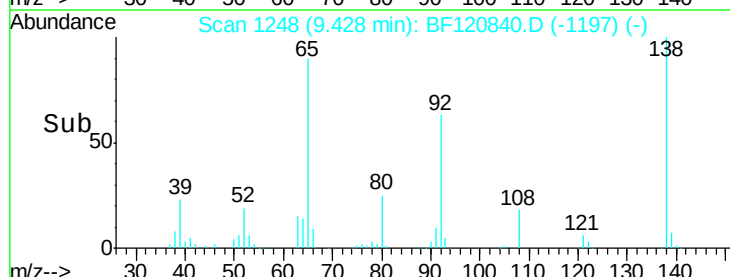
138 110.9 84.7 127.1

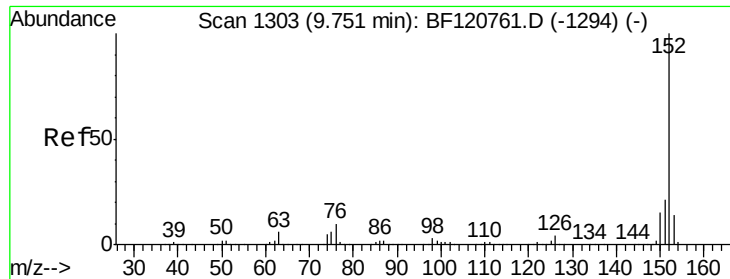


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.380 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:152 Resp: 1658890

Ion Ratio Lower Upper

152 100

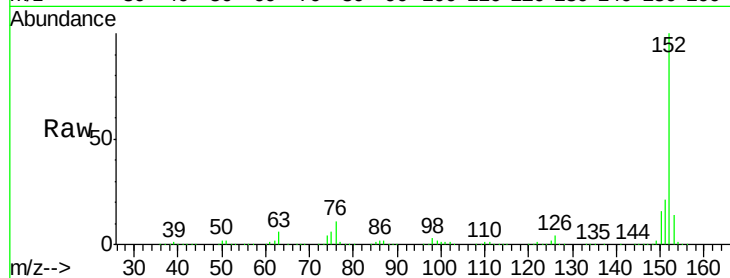
151 21.4 16.9 25.3

153 14.0 10.8 16.2

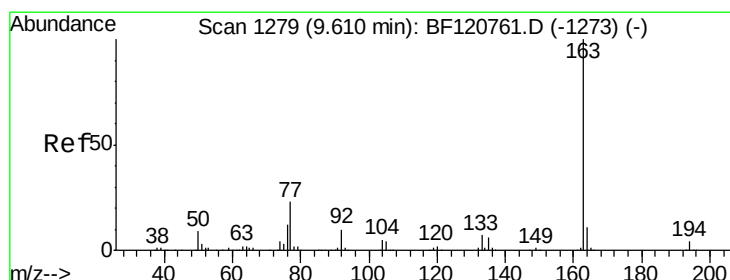
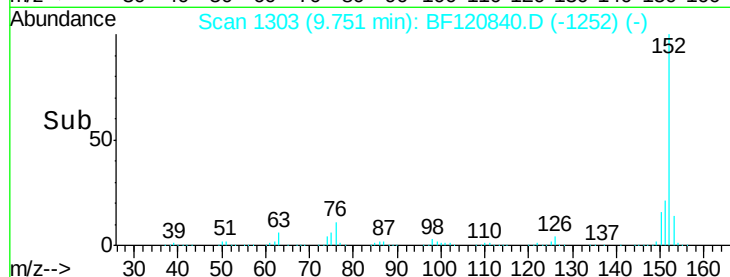
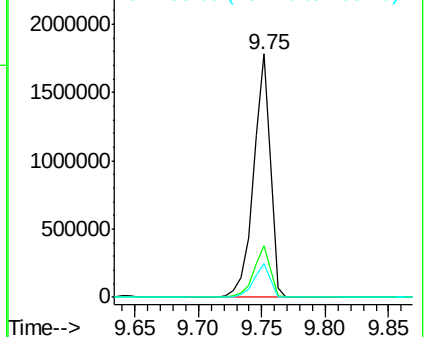
Manual Integrations
APPROVED

mohammad

7/13/2020 1:04:53 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.508 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

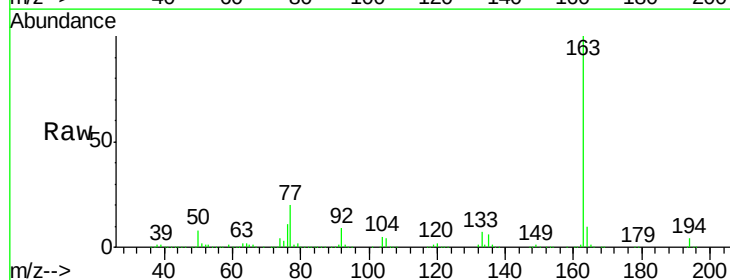
Tgt Ion:163 Resp: 1282591

Ion Ratio Lower Upper

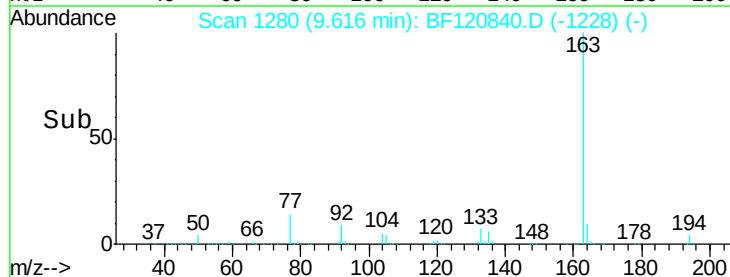
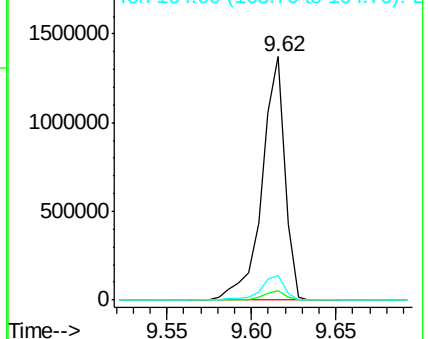
163 100

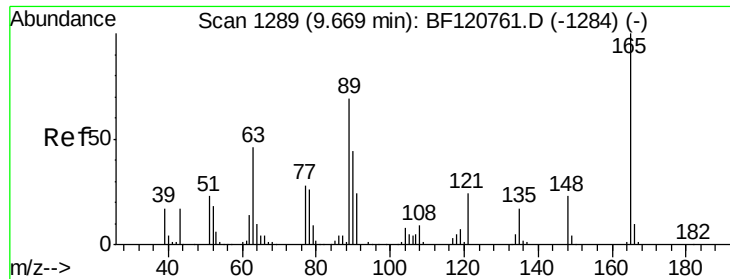
194 4.0 2.9 4.3

164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.717 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

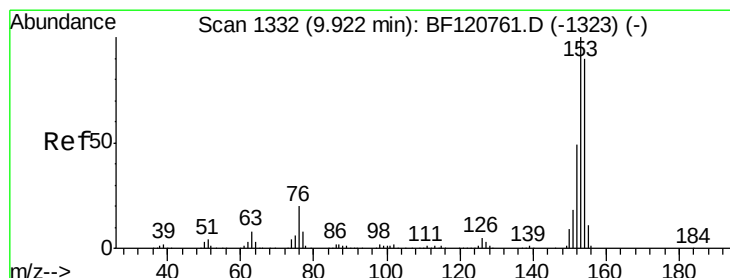
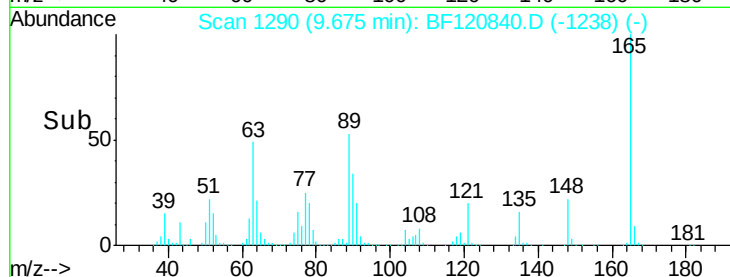
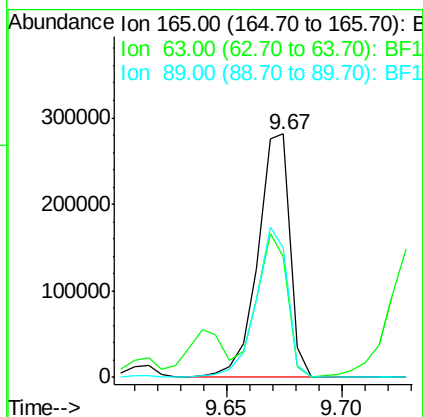
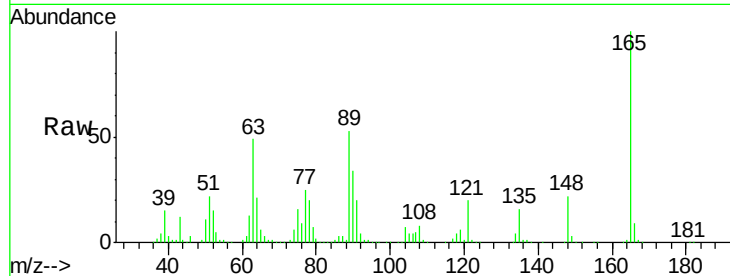
ClientSampled :

MH1MSD

Tot Ion:	165	Resp:	273081
Ion Ratio	Lower	Upper	
165	100		
63	49.4	54.0	81.0#
89	53.0	55.4	83.2#

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#52

Acenaphthene

Concen: 42.412 ng

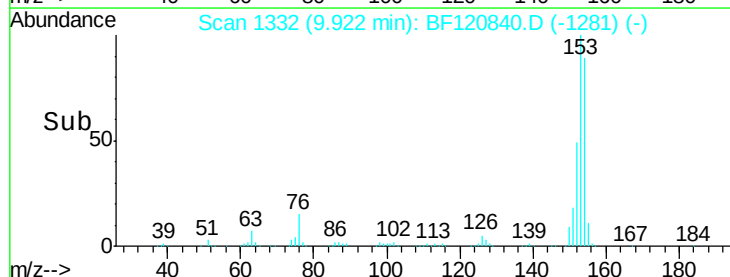
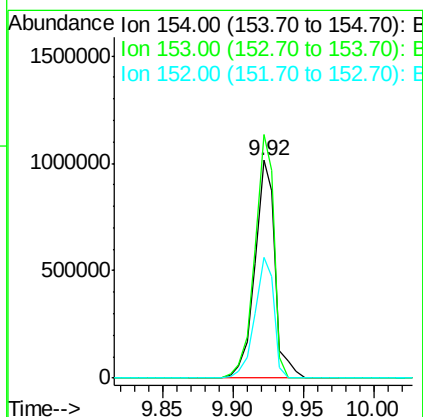
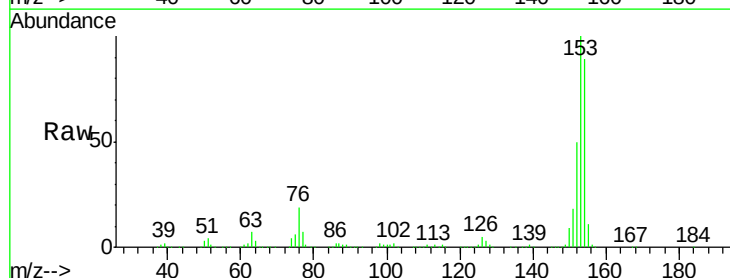
RT: 9.92 min Scan# 1332

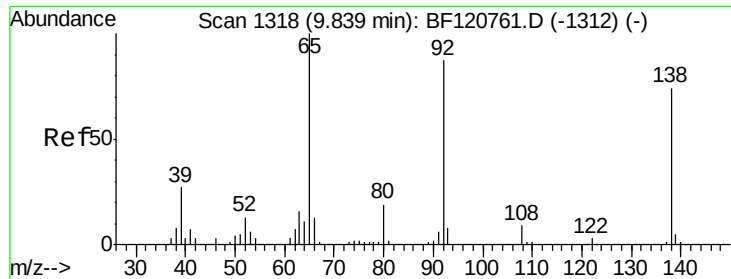
Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	154	Resp:	1029907
Ion Ratio	Lower	Upper	
154	100		
153	111.8	88.6	132.8
152	55.5	43.6	65.4





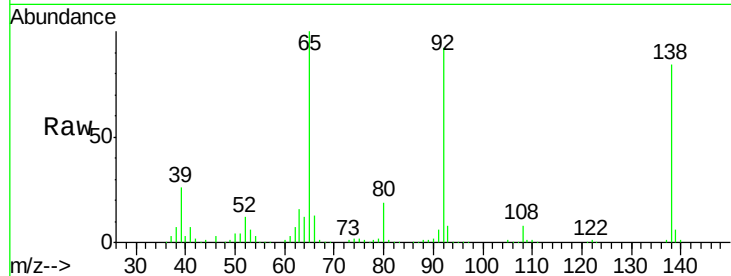
#53
3-Nitroaniline
Concen: 35.246 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

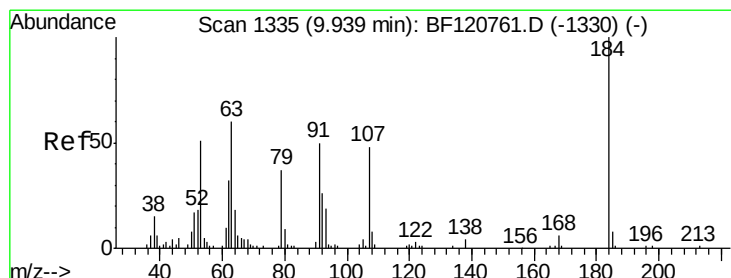
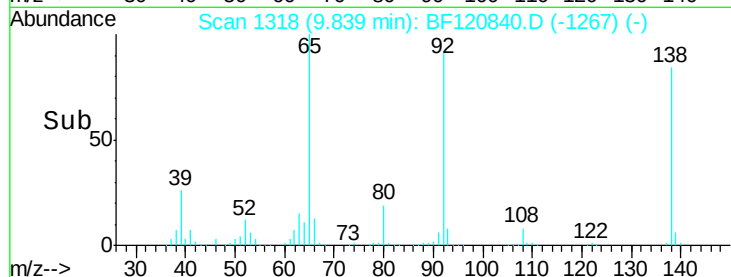
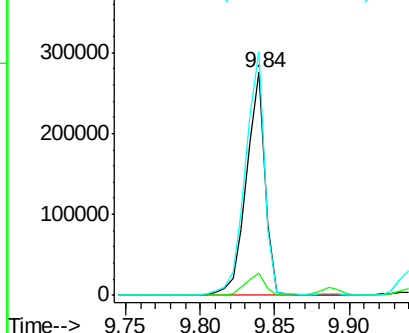
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	109.4	93.4	140.2

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM

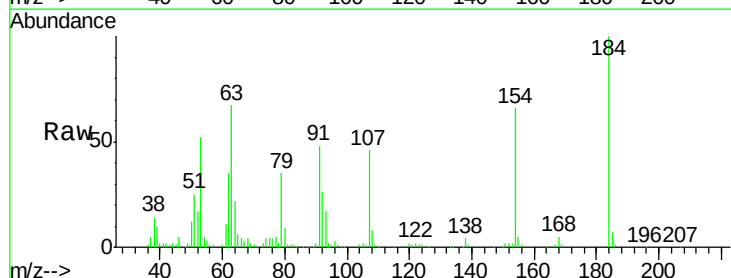


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

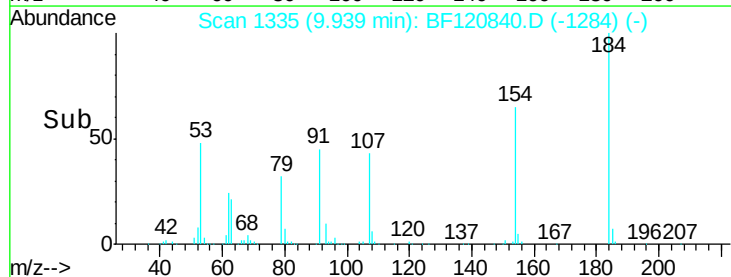
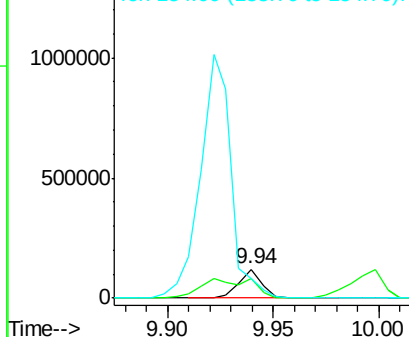


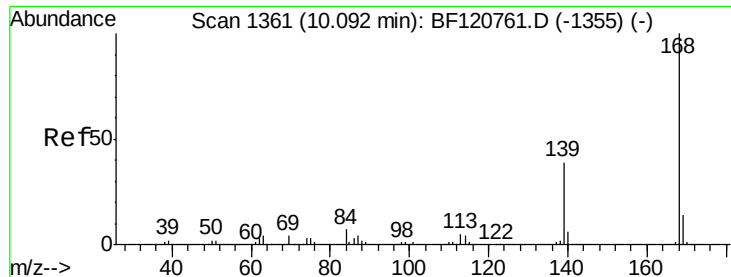
#54
2,4-Dinitrophenol
Concen: 44.853 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	57.3	85.9
154	65.7	55.8	83.6



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





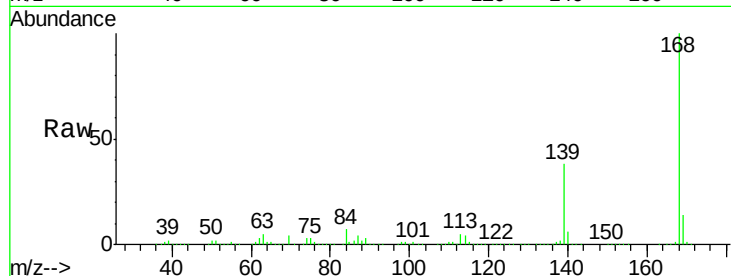
#55
Dibenzenofuran
Concen: 42.475 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

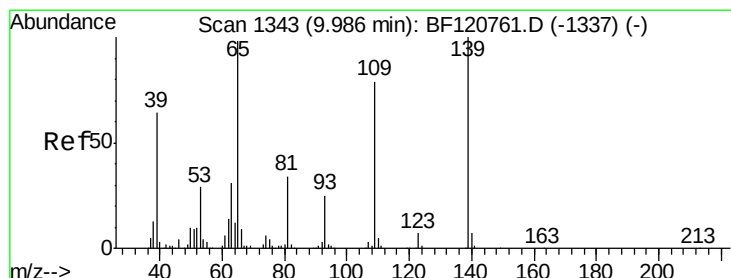
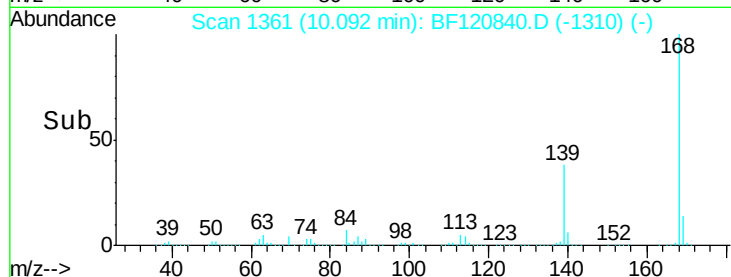
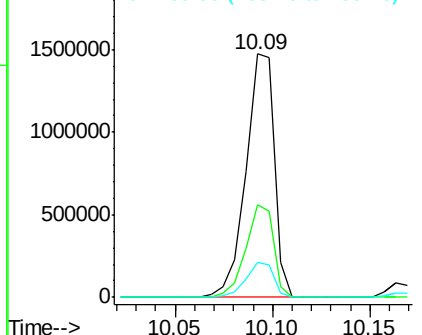
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.3	46.9
169	14.1	11.2	16.8

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



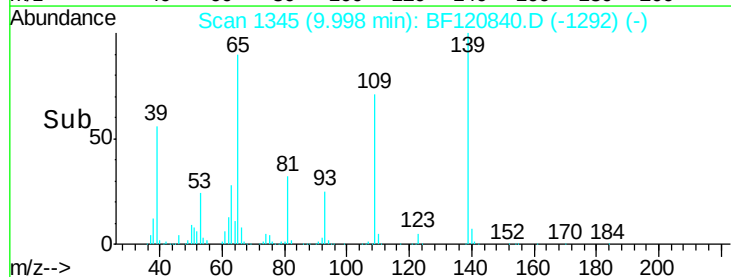
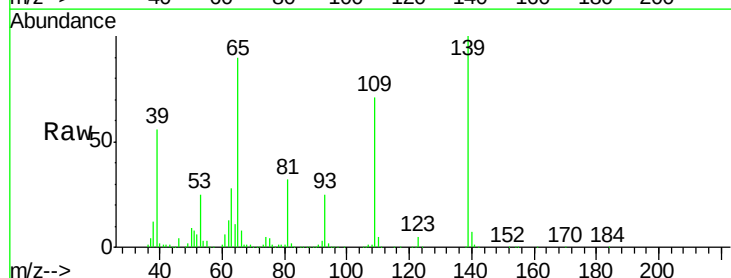
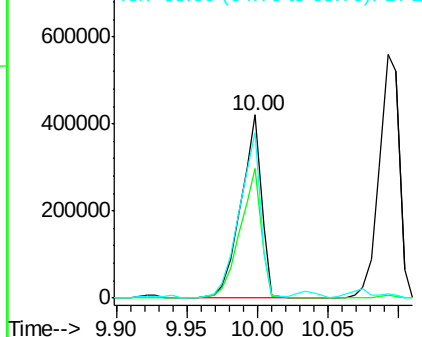
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

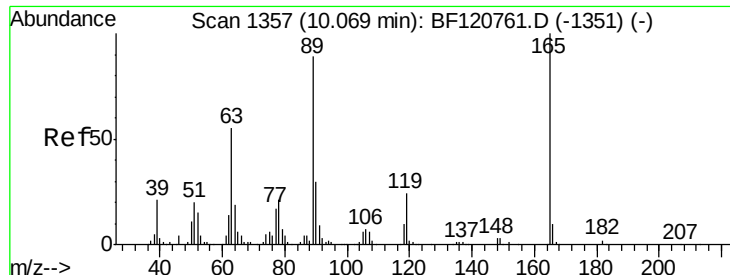


#56
4-Nitrophenol
Concen: 83.203 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.8	58.6	98.6
65	90.5	78.7	118.7

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 51.111 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:165 Resp: 358096
Ion Ratio Lower Upper

165 100

63 42.3 43.8 65.8#

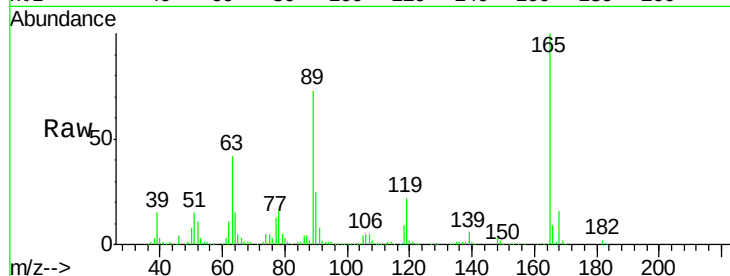
89 72.6 71.4 107.2

182 2.4 1.8 2.6

Manual Integrations
APPROVED

mohammad

7/13/2020 1:04:53 PM

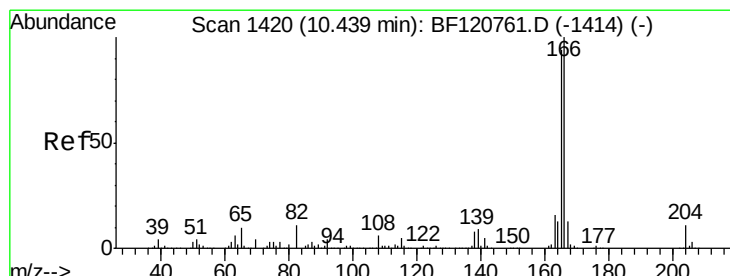
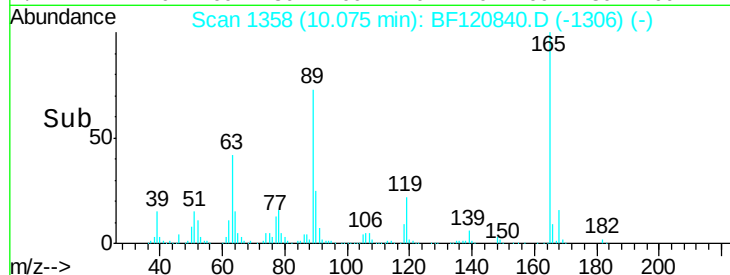
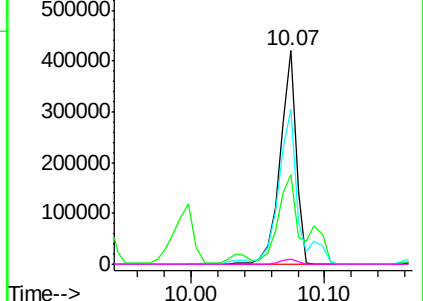


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.784 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120840.D

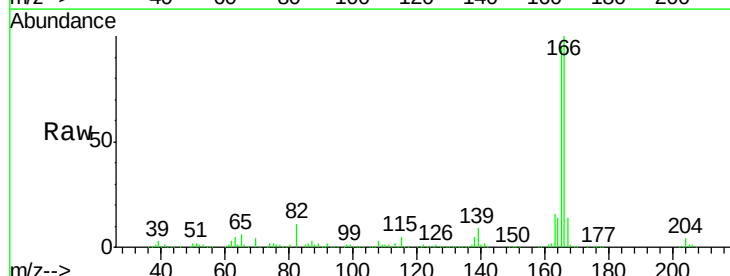
Acq: 10 Jul 2020 19:35

Tgt Ion:166 Resp: 1036533
Ion Ratio Lower Upper

166 100

165 94.6 75.5 113.3

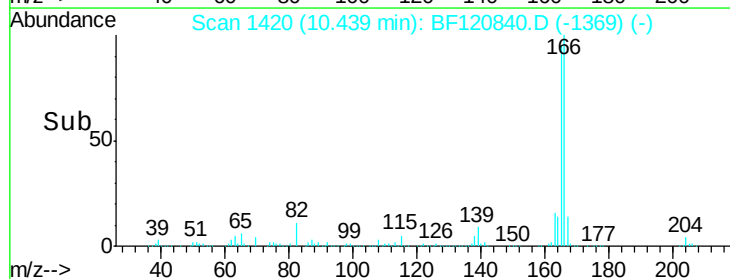
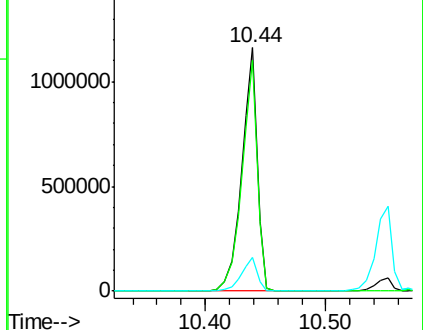
167 13.7 10.6 16.0

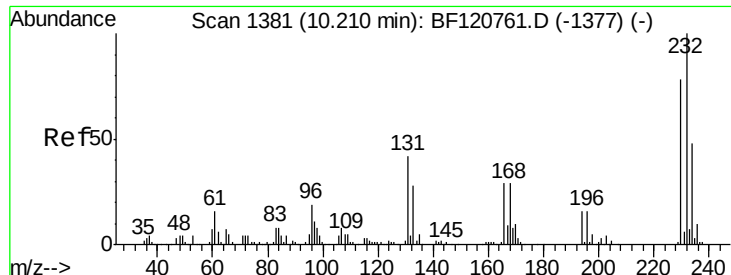


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





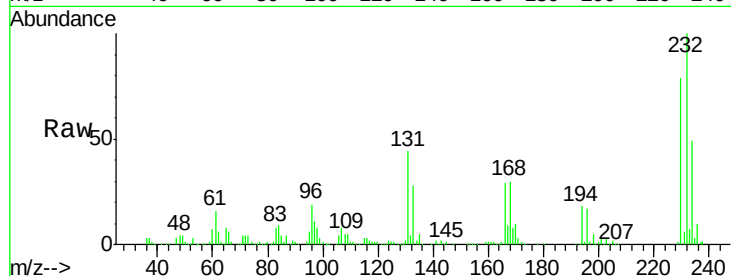
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.750 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampled :
 MH1MSD

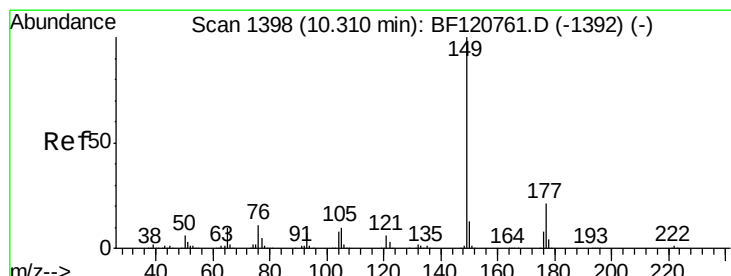
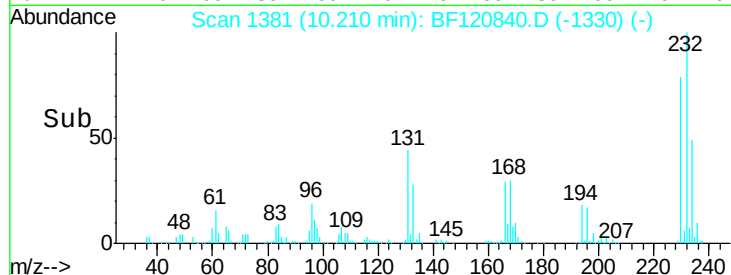
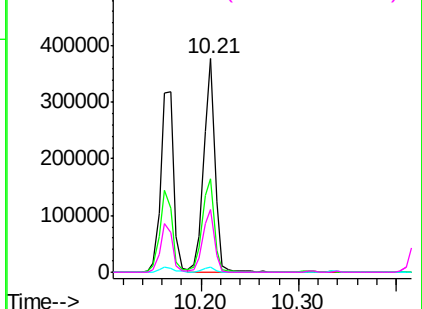
Tot Ion:	232	Resp:	300624
Ion Ratio	Lower	Upper	
232	100		
131	47.0	36.3	54.5
130	2.5	2.0	3.0
166	30.7	20.9	31.3

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:04:53 PM

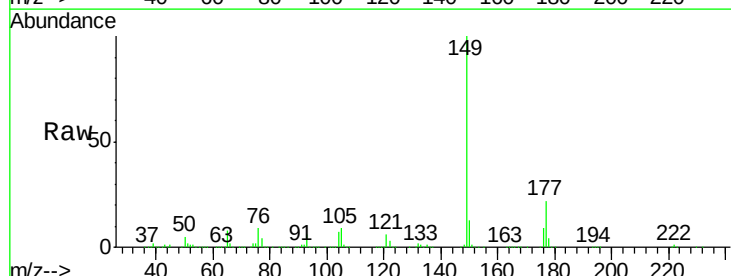


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

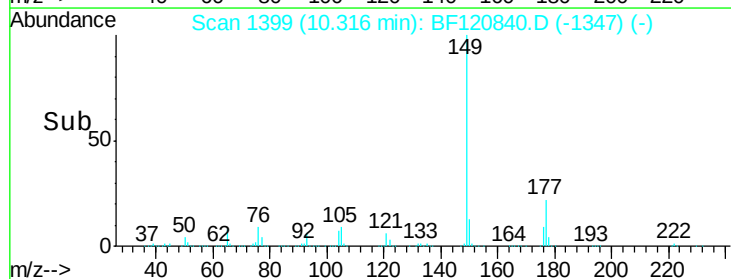
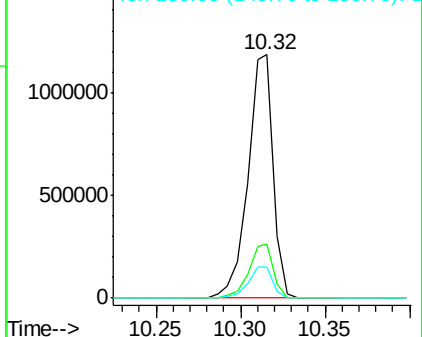


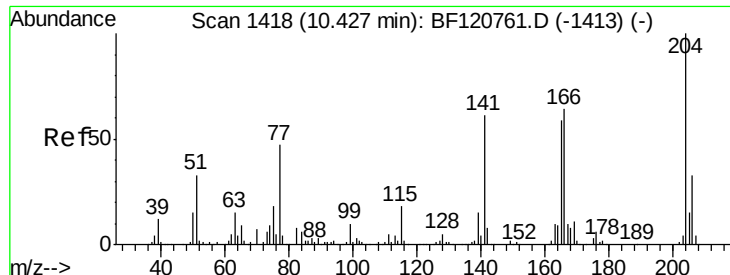
#60
 Diethylphthalate
 Concen: 41.855 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:	149	Resp:	1228838
Ion Ratio	Lower	Upper	
149	100		
177	22.2	16.4	24.6
150	12.8	10.2	15.4



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





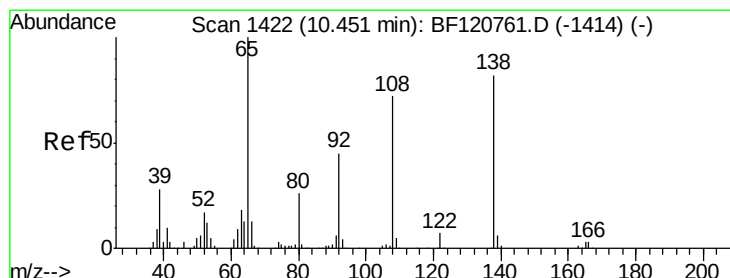
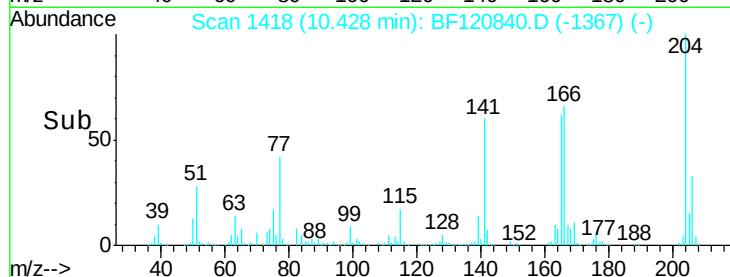
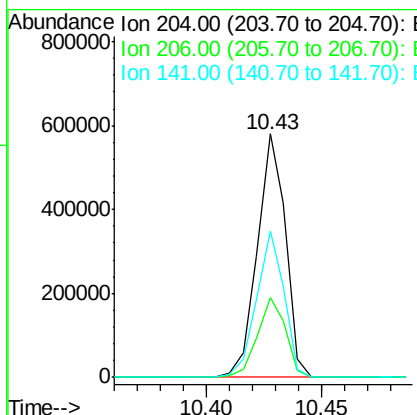
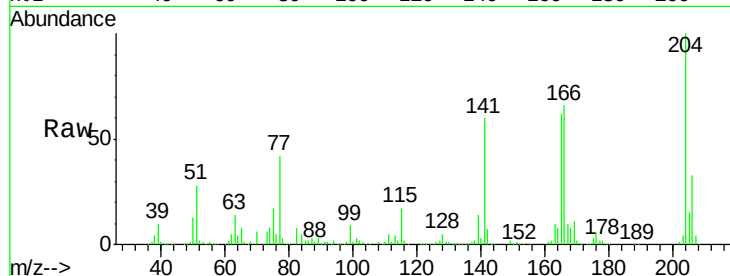
#61
 4-Chlorophenyl-phenylether
 Concen: 37.716 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampled :
 MH1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	59.9	48.5	72.7

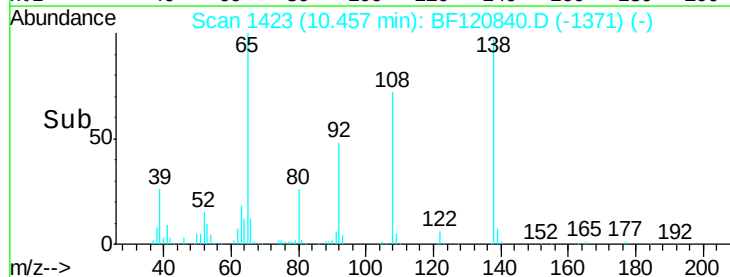
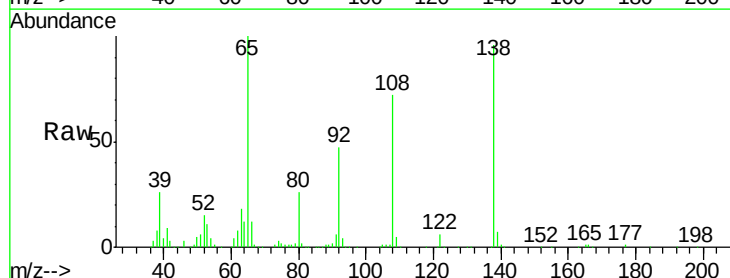
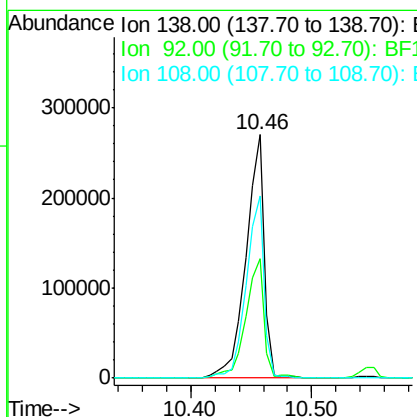
Manual Integrations
 APPROVED

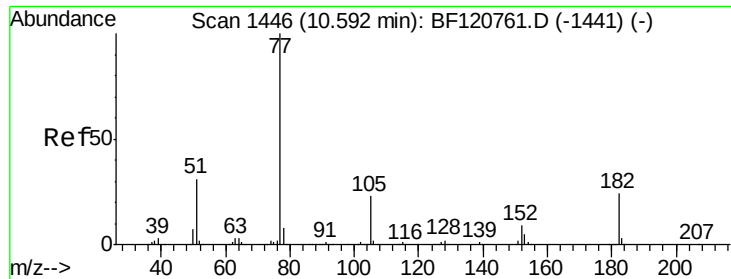
mohammad
 7/13/2020 1:04:53 PM



#62
 4-Nitroaniline
 Concen: 47.525 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	34.3	74.3
108	74.8	68.3	108.3





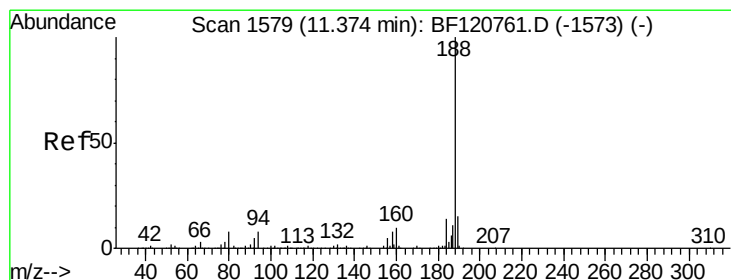
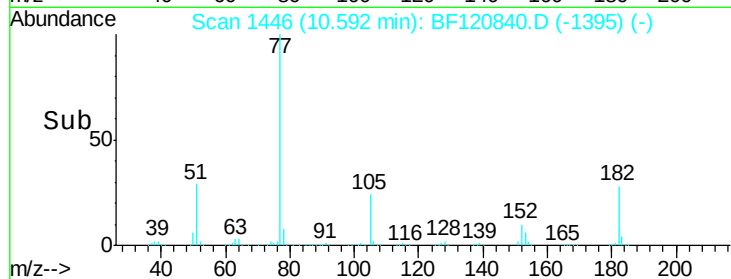
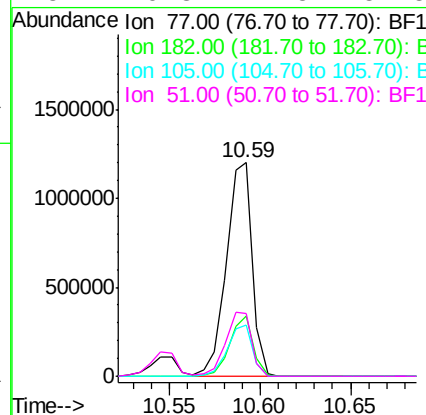
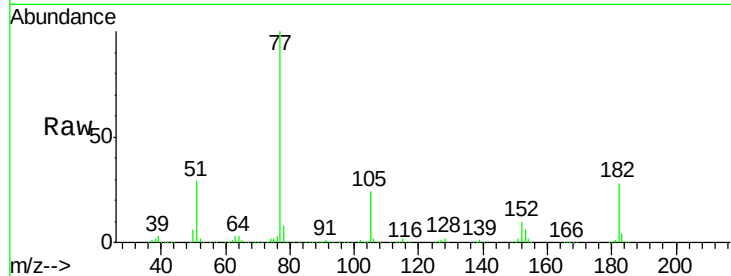
#63
Azobenzene
Concen: 39.342 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.4	4.0	44.0	
105	24.1	2.6	42.6	
51	29.3	11.5	51.5	

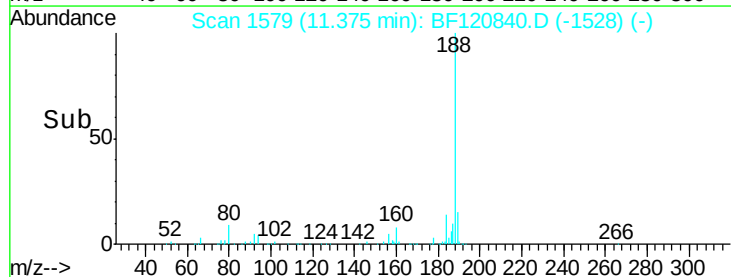
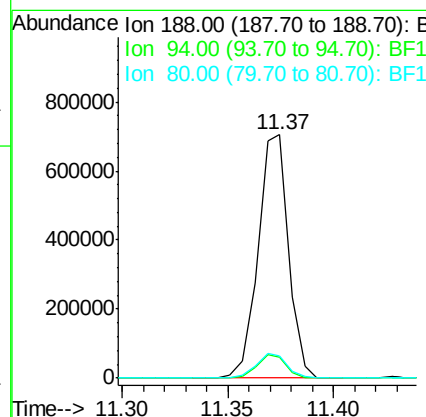
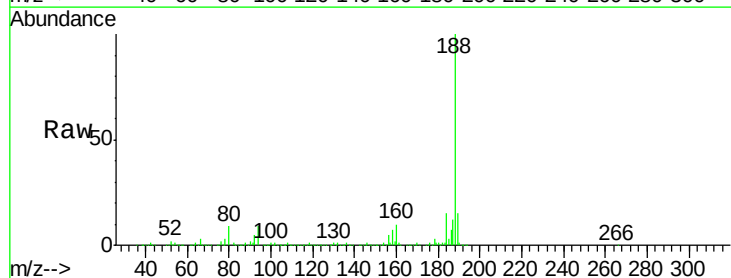
Manual Integrations
APPROVED

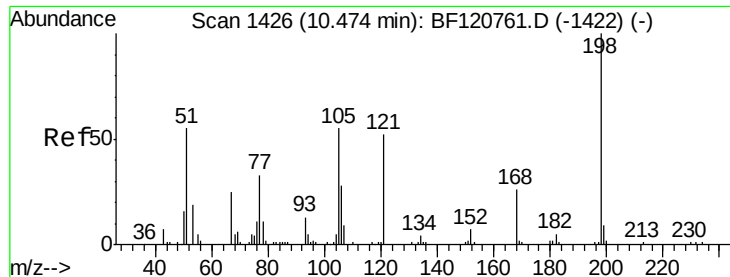
mohammad
7/13/2020 1:04:53 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.6	9.8	
80	9.1	6.6	10.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.241 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampled :

MH1MSD

Tot Ion:198 Resp: 87546

Ion Ratio Lower Upper

198 100

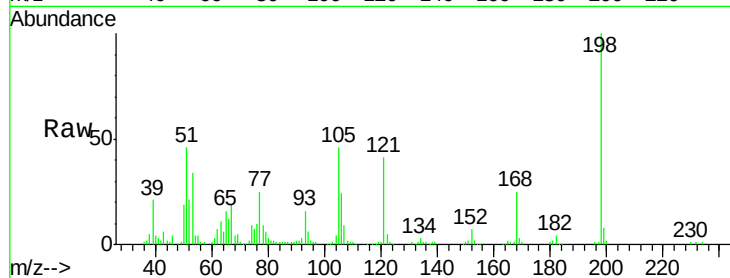
51 45.8 50.0 90.0#

105 45.6 38.3 78.3

Manual Integrations
APPROVED

mohammad

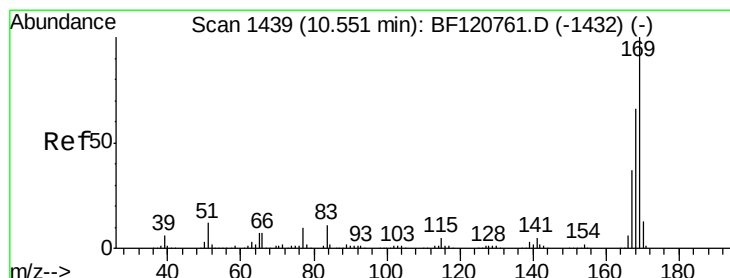
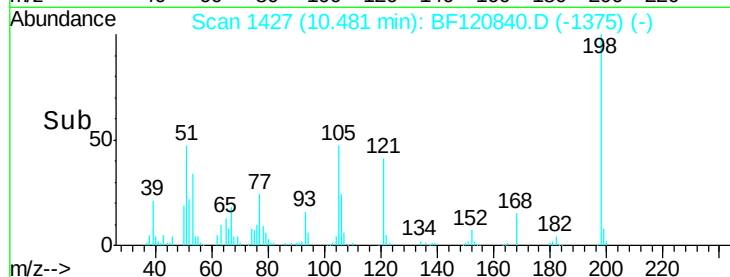
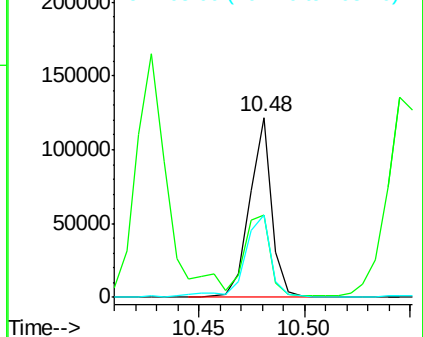
7/13/2020 1:04:53 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.621 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:169 Resp: 1006547

Ion Ratio Lower Upper

169 100

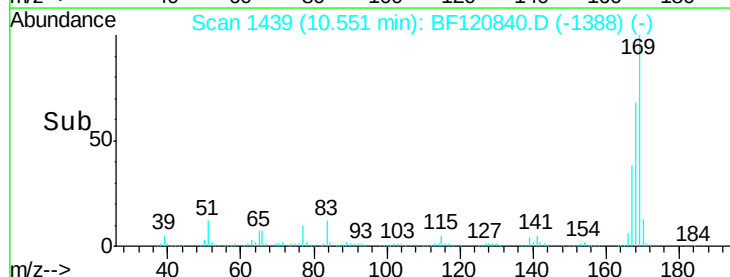
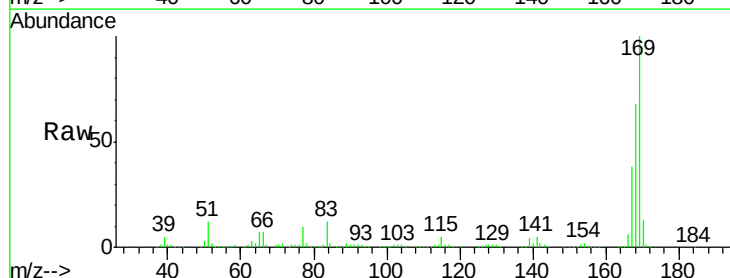
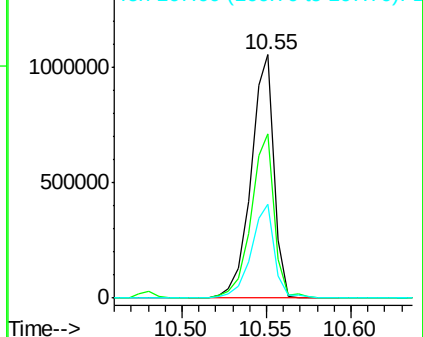
168 67.6 53.1 79.7

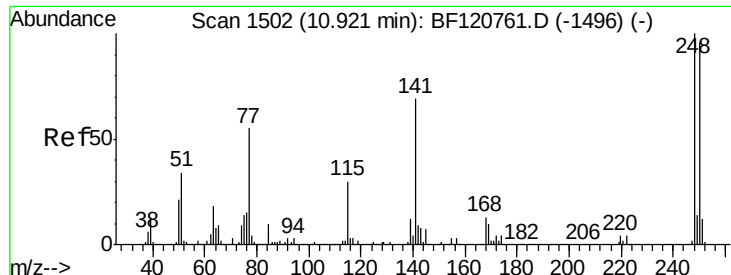
167 38.4 29.6 44.4

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





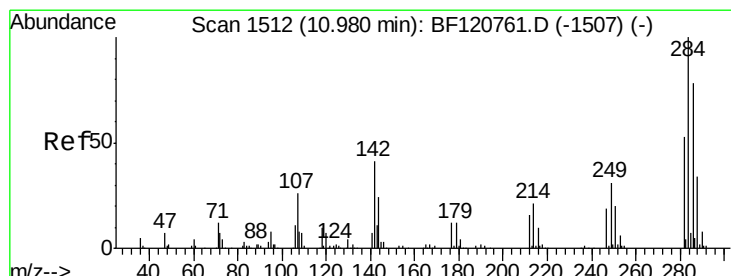
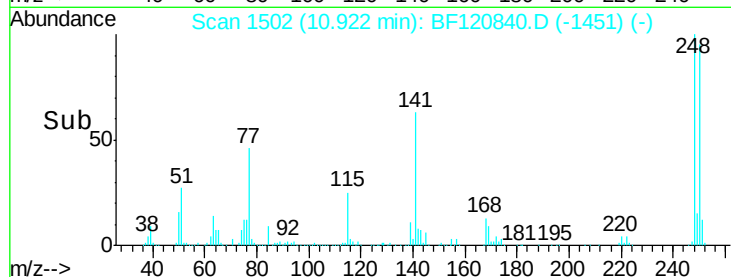
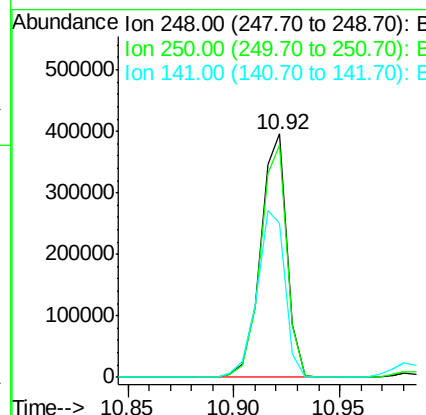
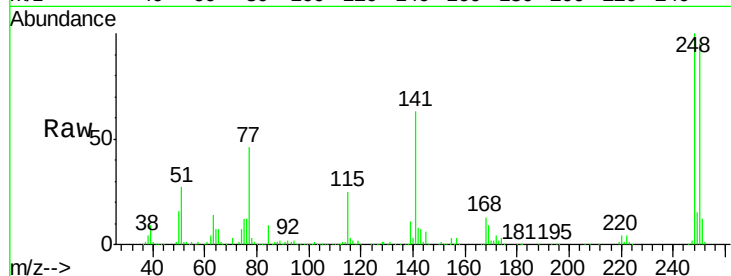
#67
 4-Bromophenyl-phenylether
 Concen: 42.065 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampled :
 MH1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.5	114.7
141	63.3	54.9	82.3

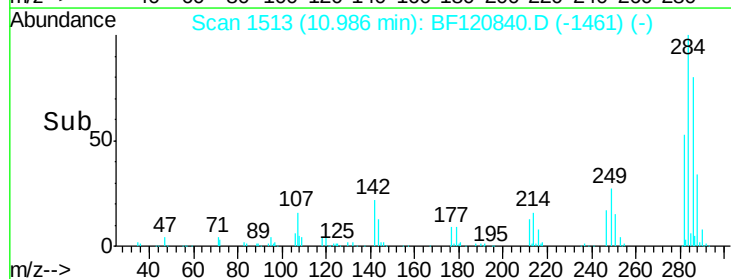
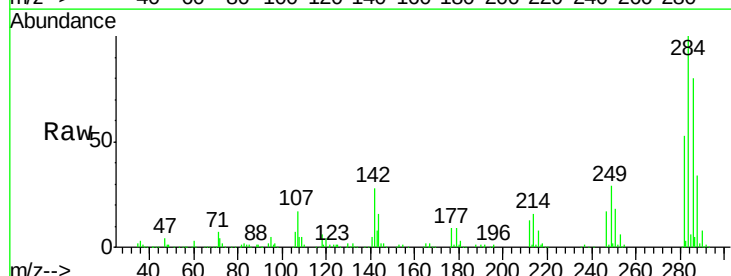
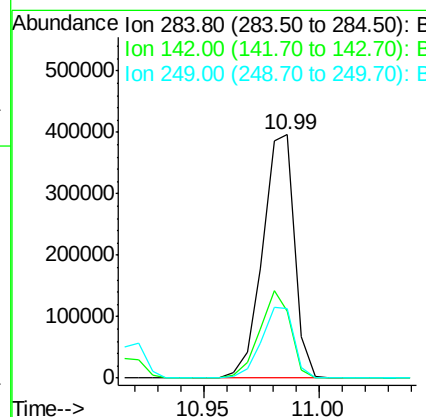
Manual Integrations
 APPROVED

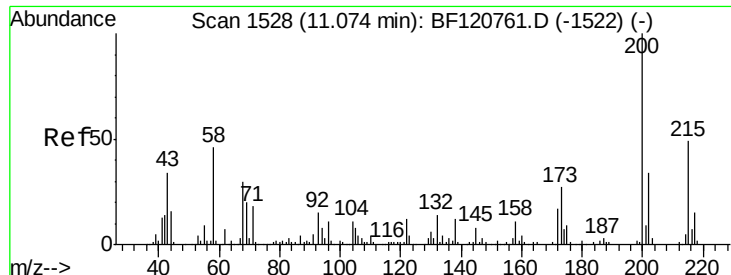
mohammad
 7/13/2020 1:04:53 PM



#68
 Hexachlorobenzene
 Concen: 44.556 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	32.5	48.7#
249	28.5	24.8	37.2





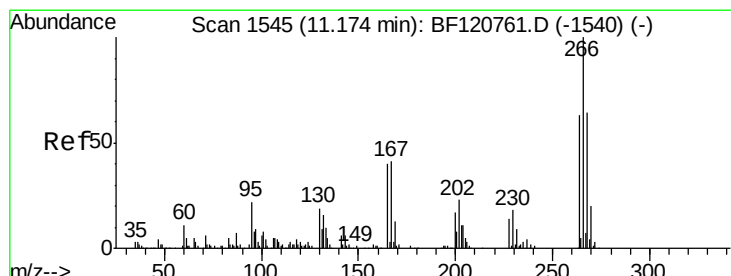
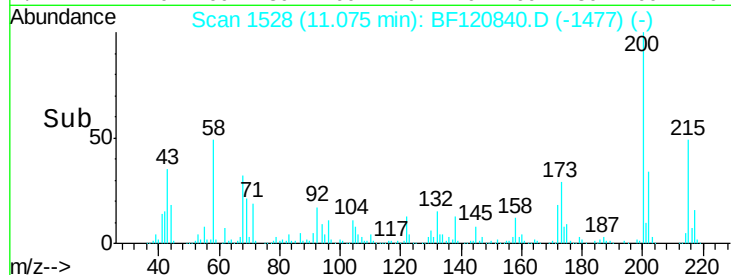
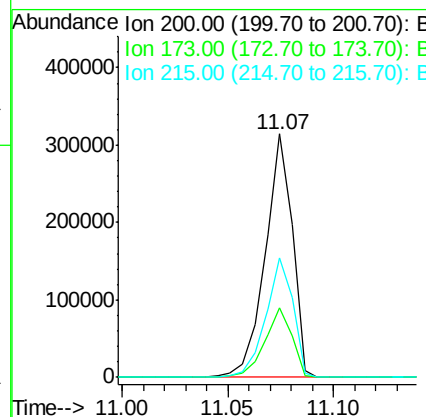
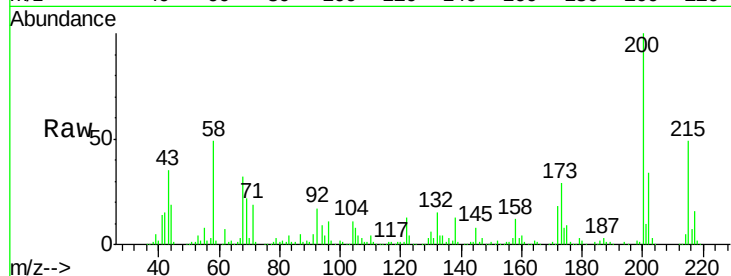
#69
 Atrazine
 Concen: 46.267 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	7.4	47.4
215	49.2	28.8	68.8

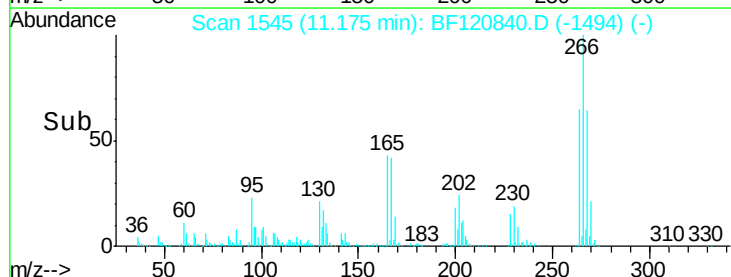
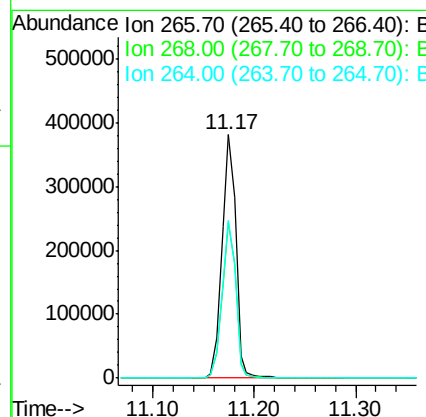
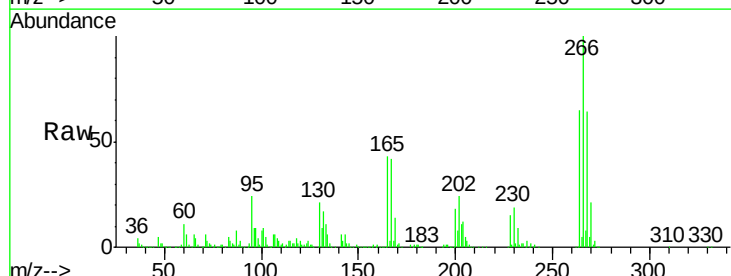
Manual Integrations
 APPROVED

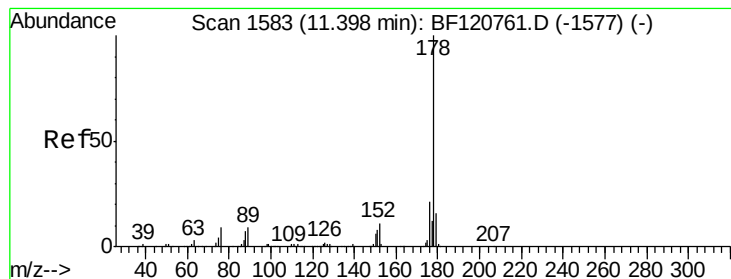
mohammad
 7/13/2020 1:04:53 PM



#70
 Pentachlorophenol
 Concen: 75.576 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.4	77.2
264	64.6	50.6	75.8





#71

Phenanthrene

Concen: 45.384 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:178 Resp: 1735035

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

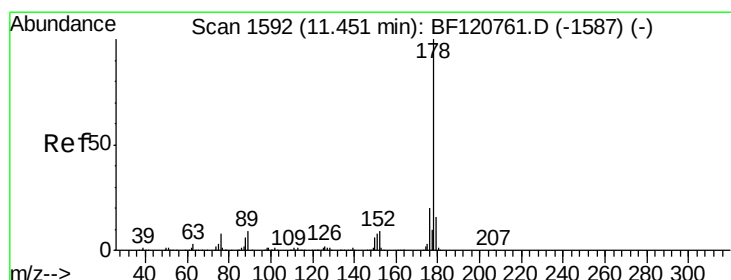
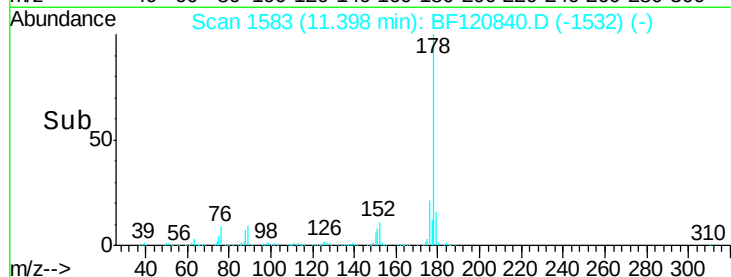
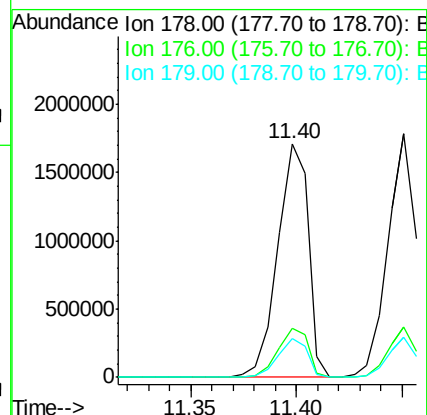
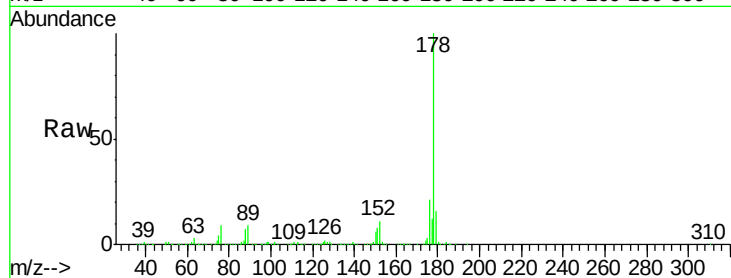
179 16.4 12.9 19.3

Manual Integrations

APPROVED

mohammad

7/13/2020 1:04:53 PM



#72

Anthracene

Concen: 42.579 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

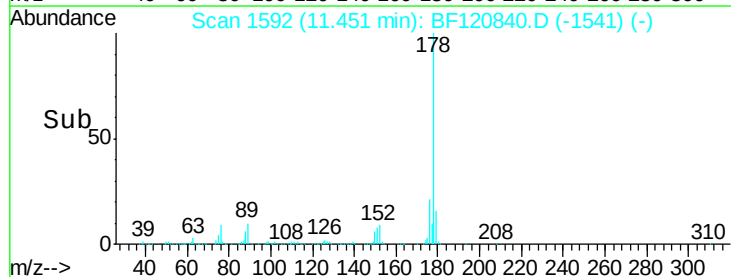
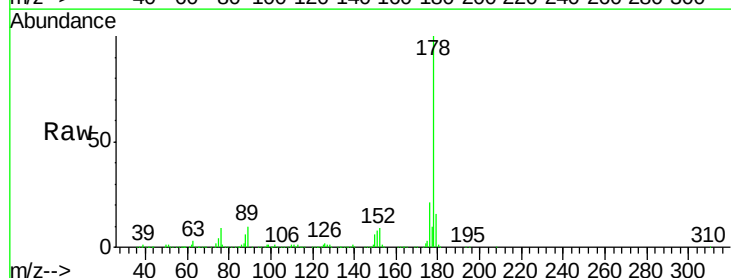
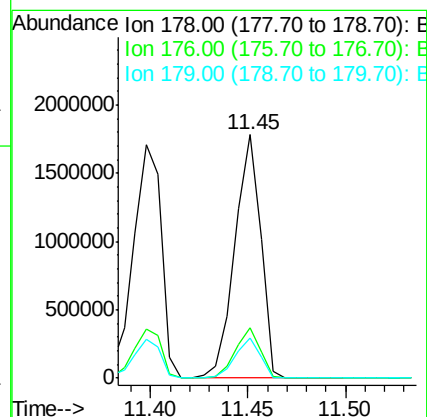
Tgt Ion:178 Resp: 1644889

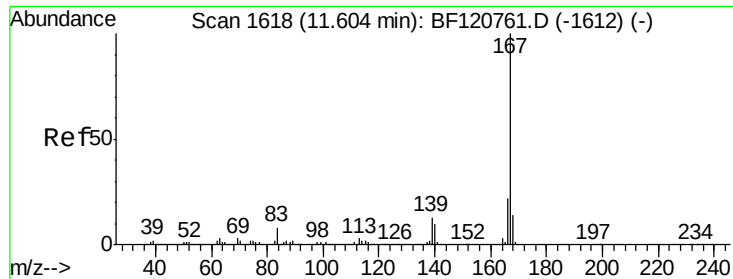
Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.2

179 16.5 12.7 19.1





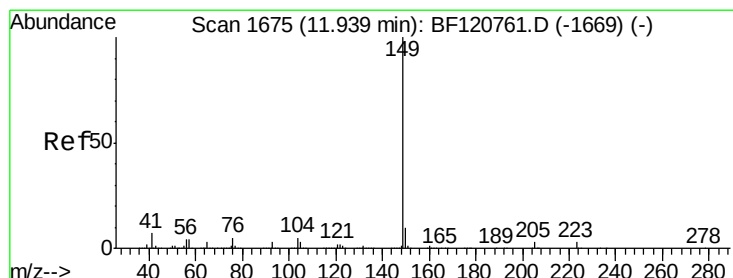
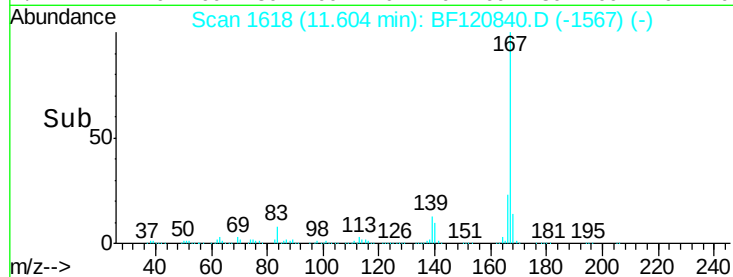
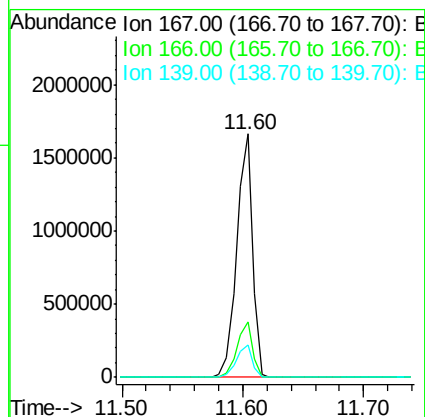
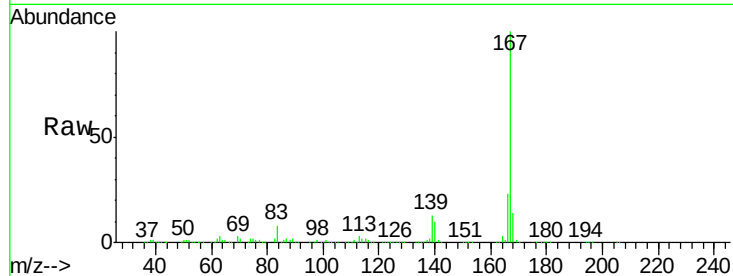
#73
 Carbazole
 Concen: 41.051 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion:167 Resp: 1523982
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 13.1 10.7 16.1

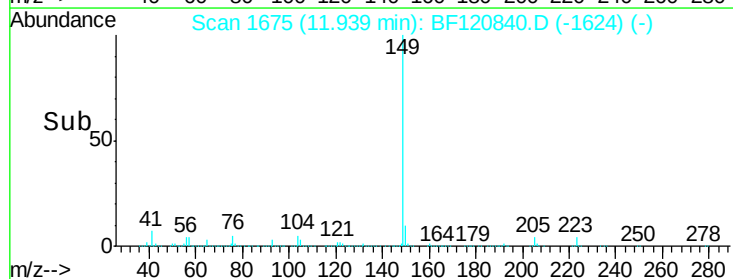
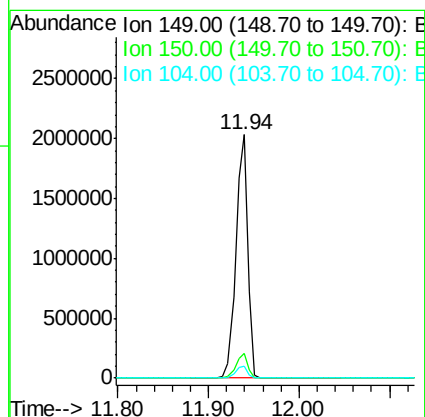
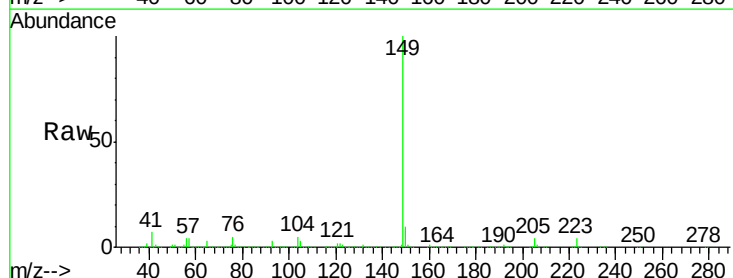
Manual Integrations
 APPROVED

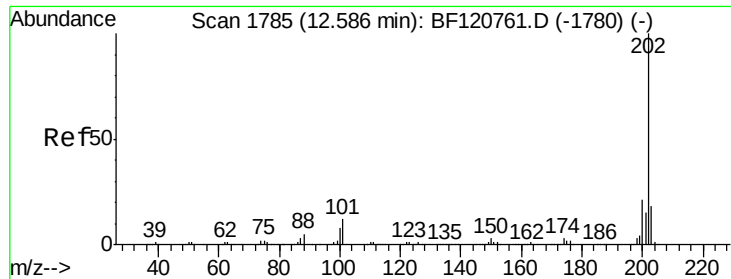
mohammad
 7/13/2020 1:04:53 PM



#74
 Di-n-butylphthalate
 Concen: 40.666 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:149 Resp: 1869108
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 49.950 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

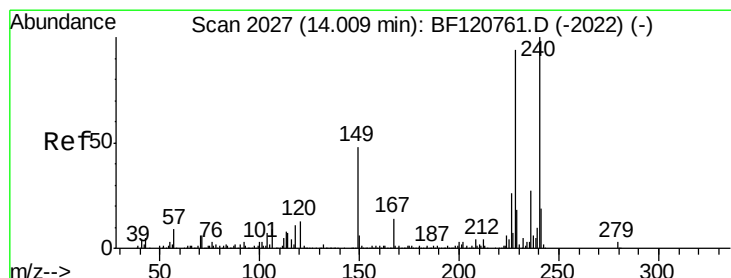
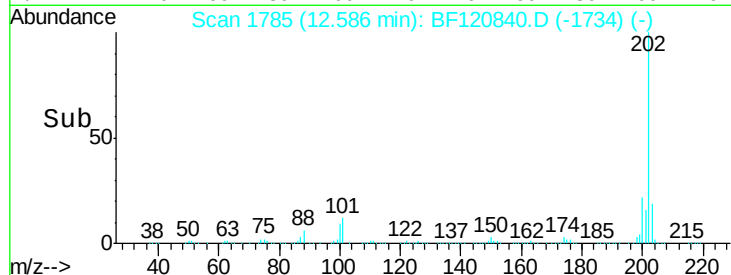
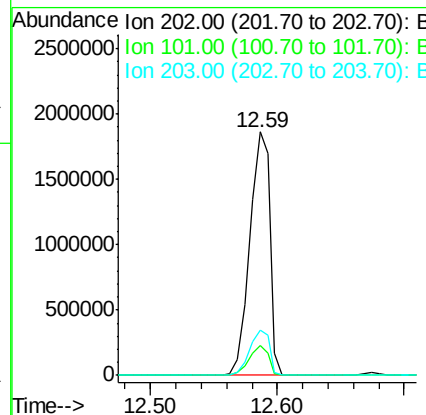
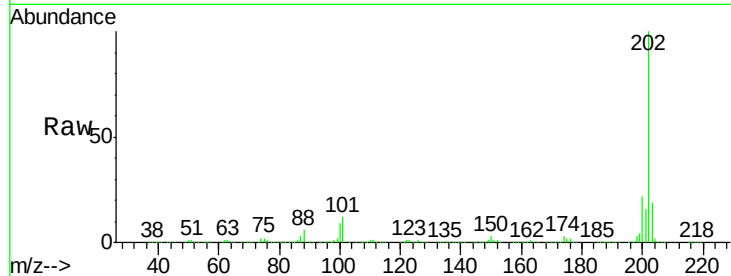
ClientSampled :

MH1MSD

Tot Ion:	202	Resp:	2034251
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.6
203	18.7	0.0	38.2

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



#76

Chrysene-d12

Concen: 20.000 ng

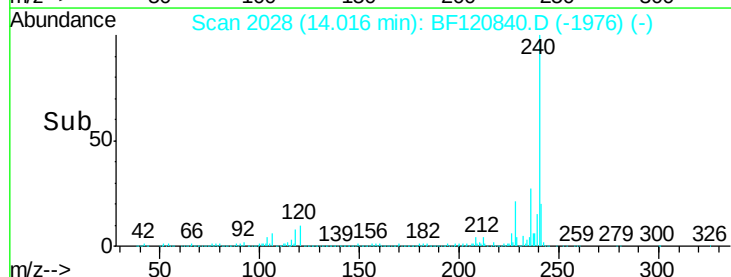
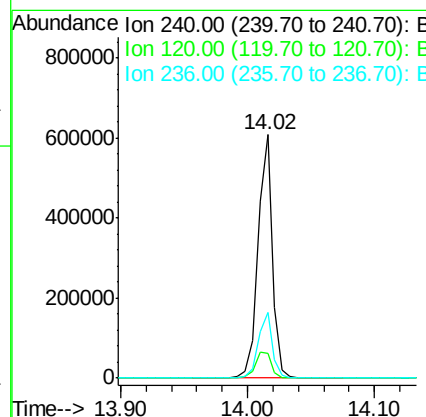
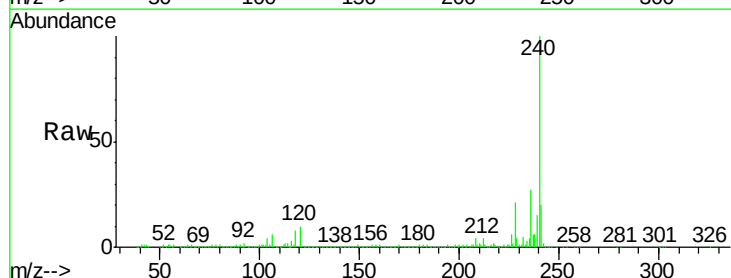
RT: 14.02 min Scan# 2028

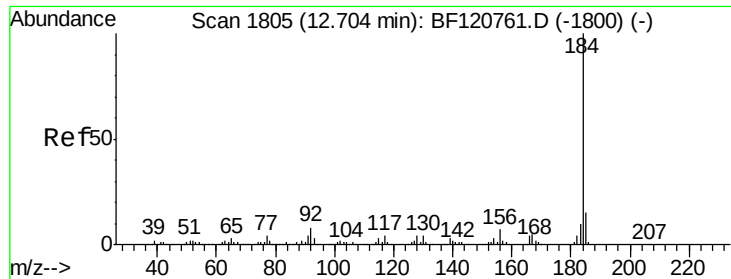
Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	240	Resp:	484352
Ion Ratio	Lower	Upper	
240	100		
120	10.0	10.3	15.5#
236	26.9	21.4	32.2





#77

Benzidine

Concen: 48.281 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

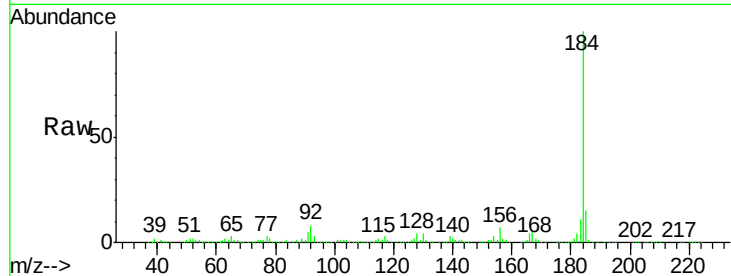
ClientSampled :

MH1MSD

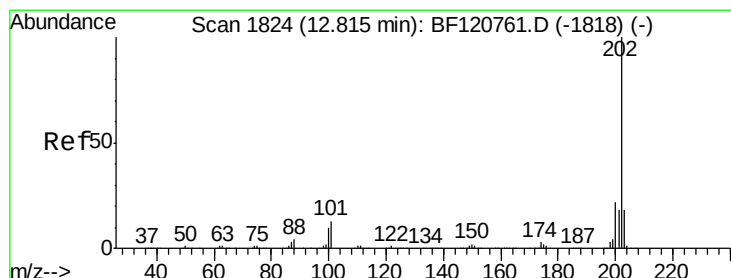
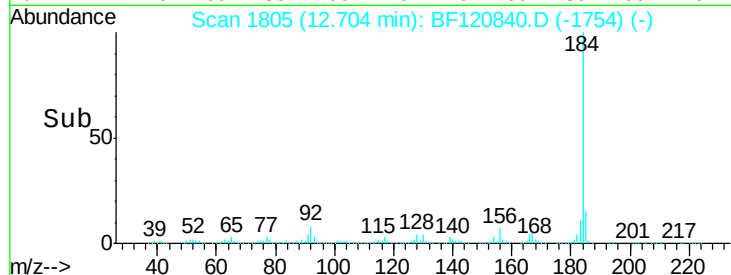
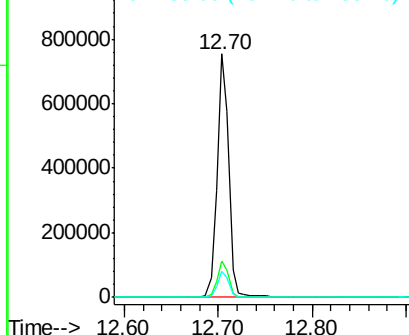
Tot Ion:	184	Resp:	660057
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	10.8	8.3	12.5

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



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



#78

Pyrene

Concen: 52.297 ng

RT: 12.82 min Scan# 1824

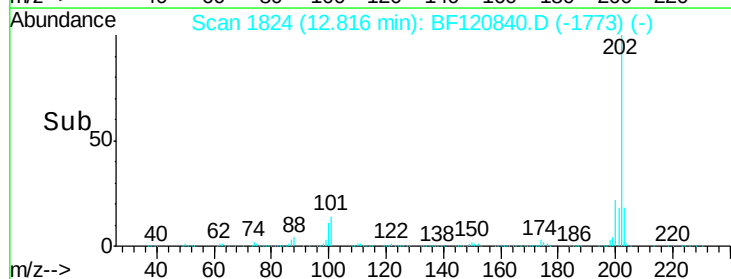
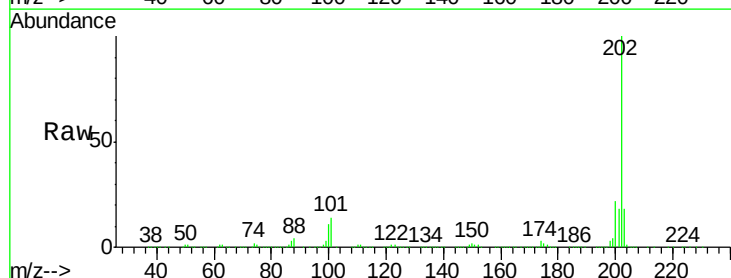
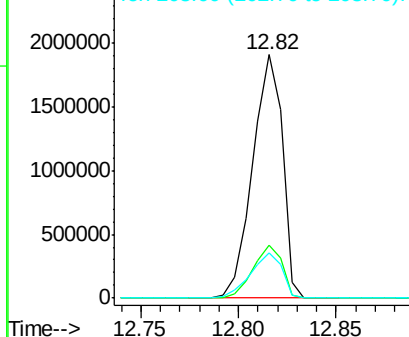
Delta R.T. 0.00 min

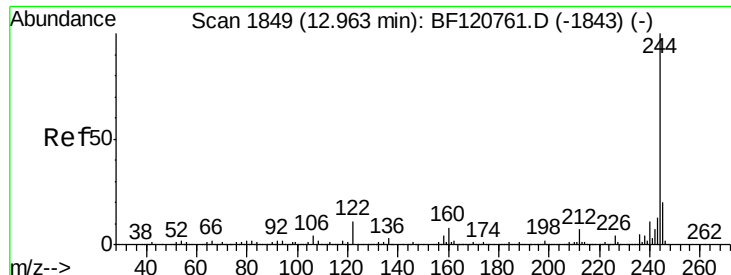
Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:	202	Resp:	2022992
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.3	25.9
203	18.3	14.6	22.0

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





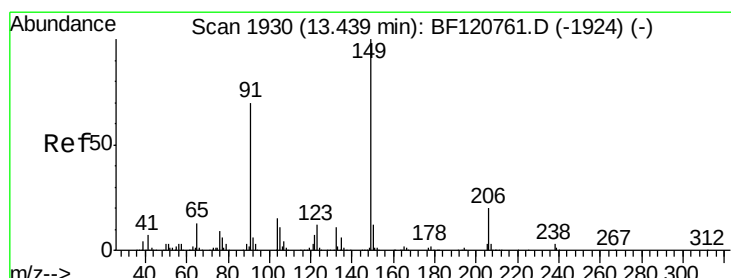
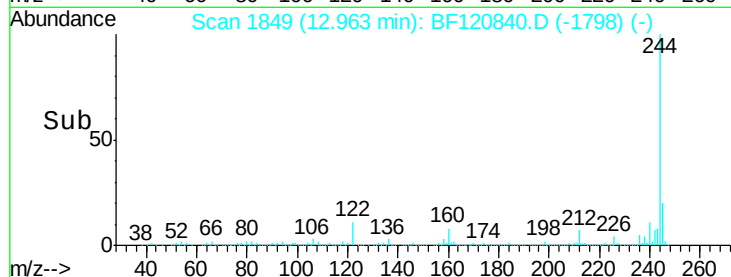
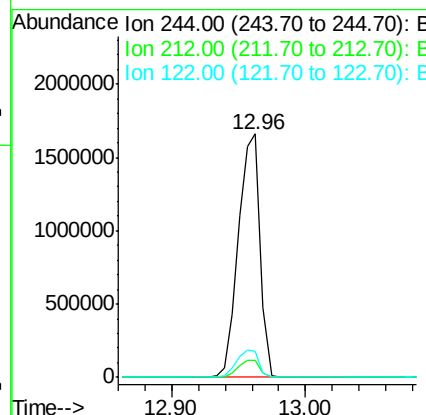
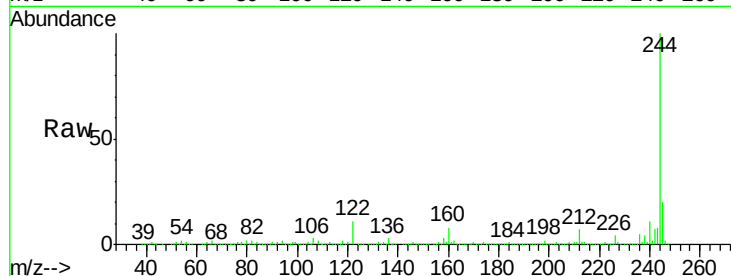
#79
 Terphenyl-d14
 Concen: 76.362 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.7	9.0	13.4

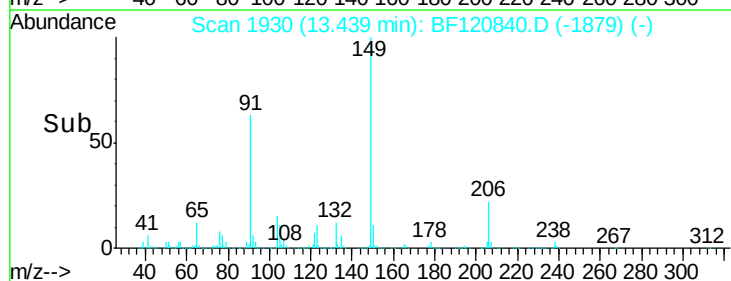
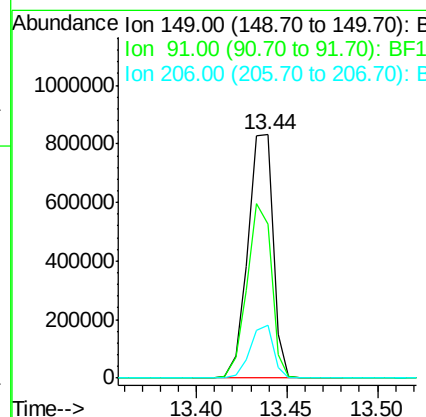
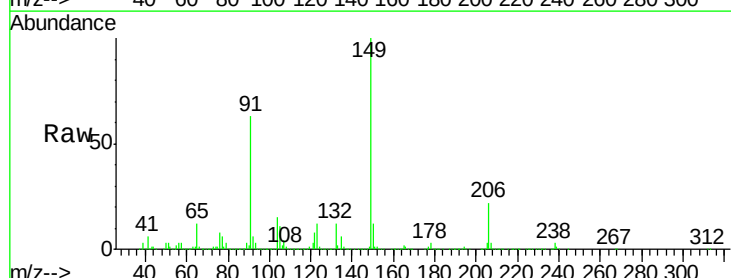
Manual Integrations
 APPROVED

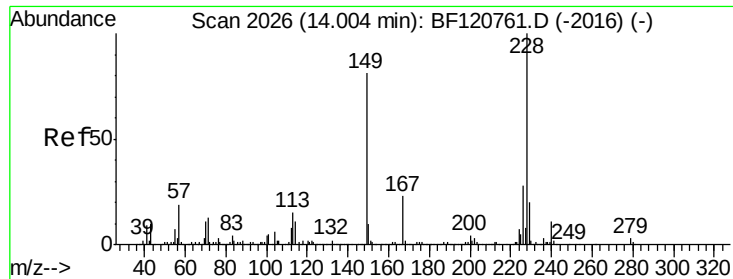
mohammad
 7/13/2020 1:04:53 PM



#80
 Butylbenzylphthalate
 Concen: 48.364 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.4	55.8	83.8
206	21.9	15.7	23.5





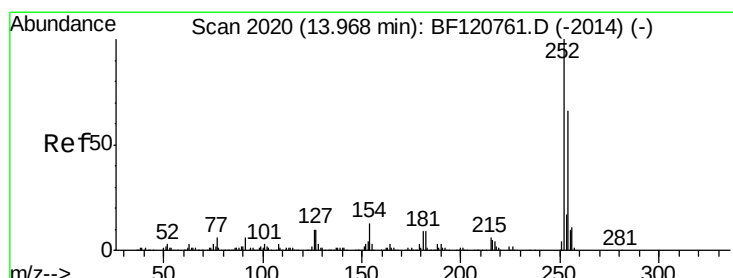
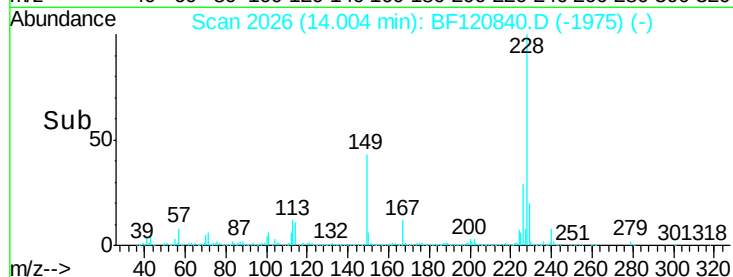
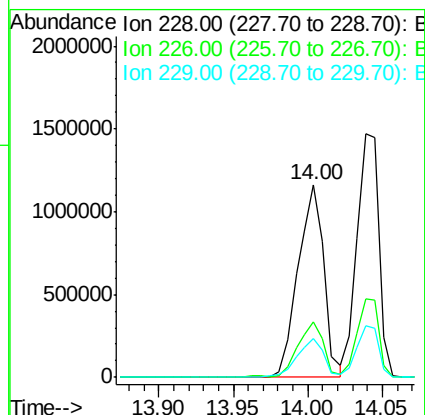
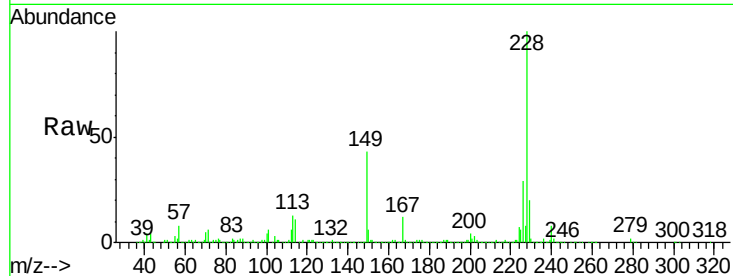
#81
Benzo(a)anthracene
Concen: 45.080 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampled :
MH1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.1	15.8	23.6

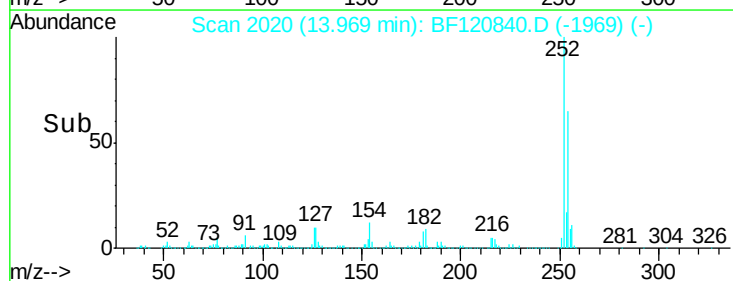
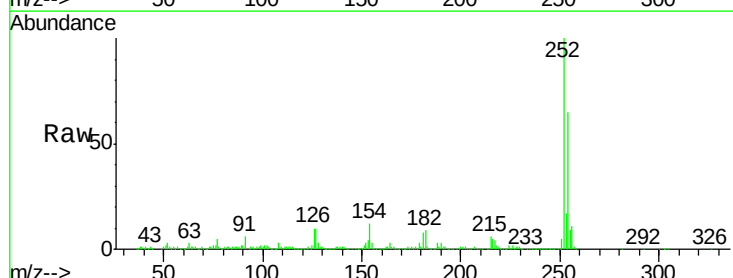
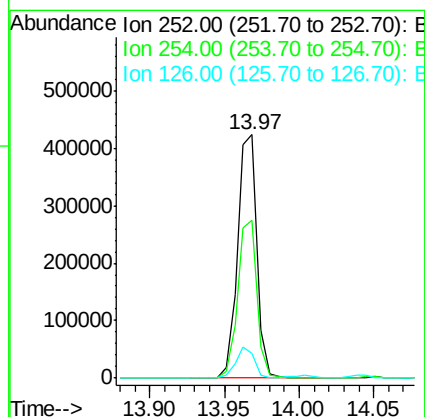
Manual Integrations
APPROVED

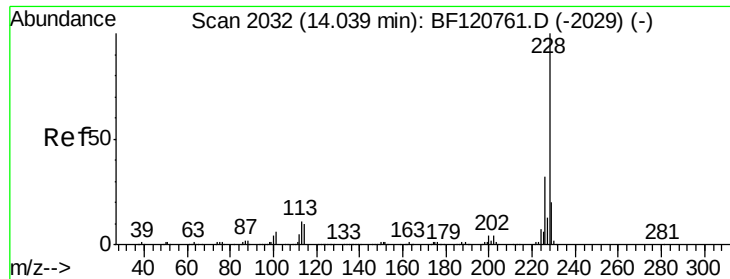
mohammad
7/13/2020 1:04:53 PM



#82
3,3'-Dichlorobenzidine
Concen: 36.956 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	10.0	7.8	11.8





#83

Chrysene

Concen: 47.524 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:228 Resp: 1505054

Ion Ratio Lower Upper

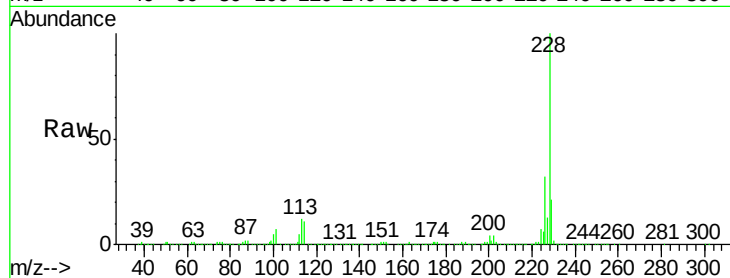
228 100

226 32.0 25.7 38.5

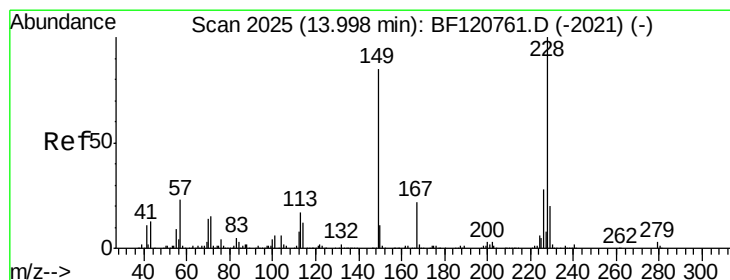
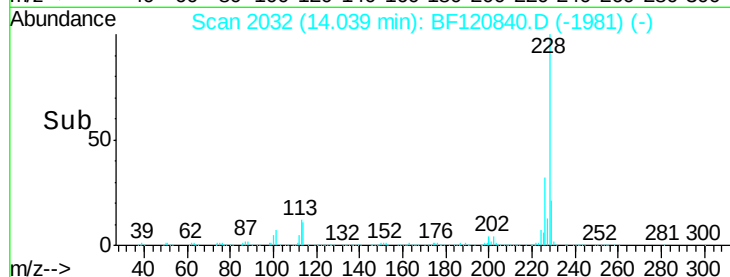
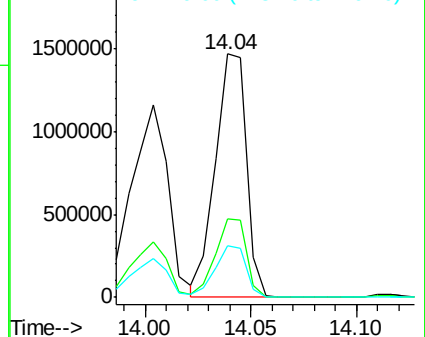
229 21.1 16.3 24.5

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.907 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

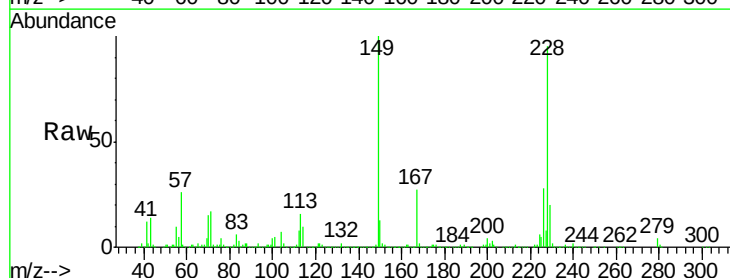
Tgt Ion:149 Resp: 895875

Ion Ratio Lower Upper

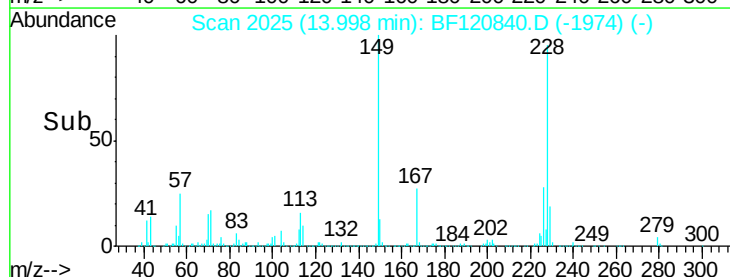
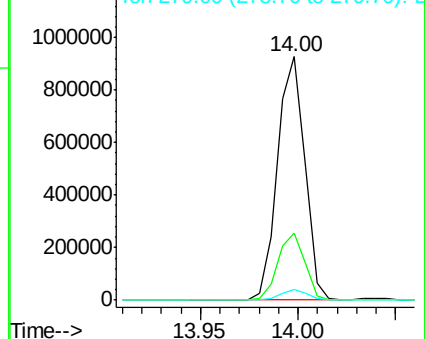
149 100

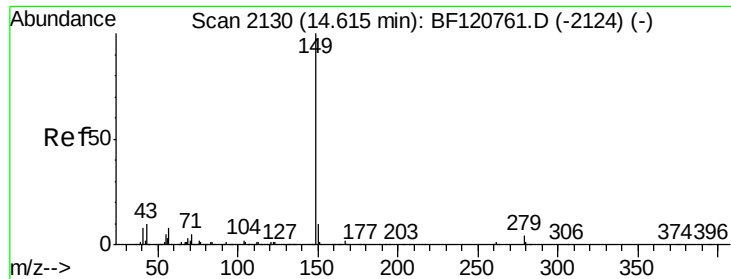
167 27.3 20.9 31.3

279 4.4 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





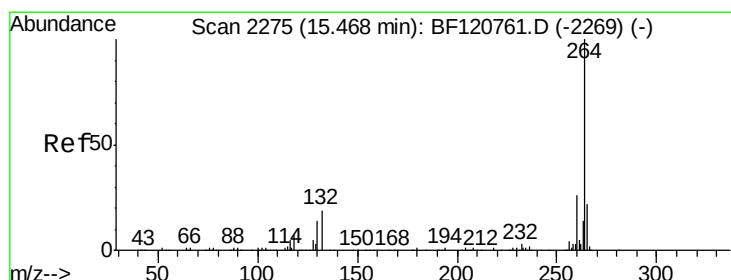
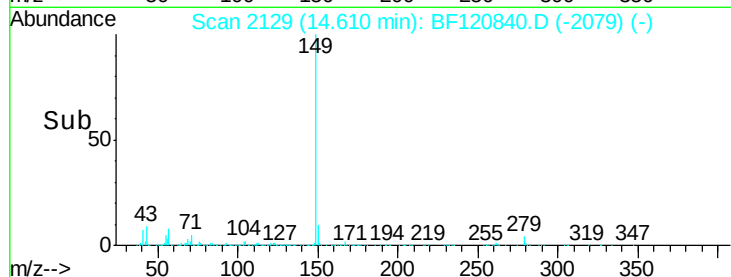
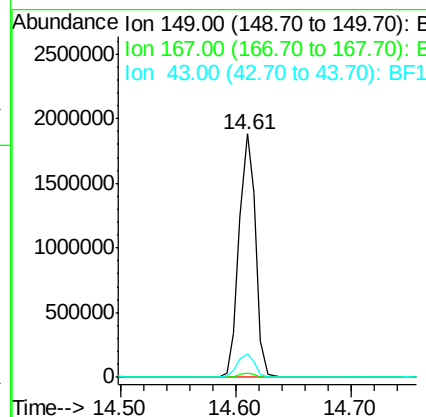
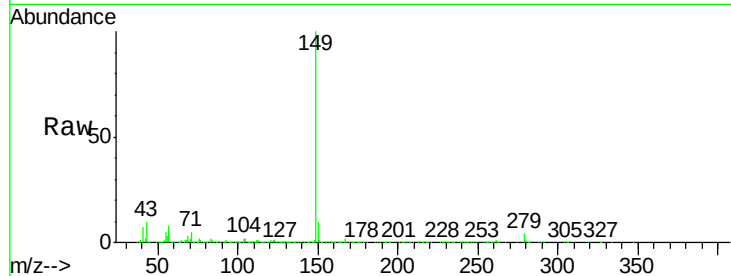
#85
Di-n-octyl phthalate
Concen: 47.821 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.7	13.1

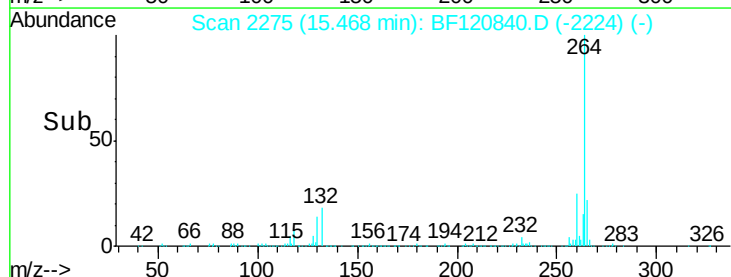
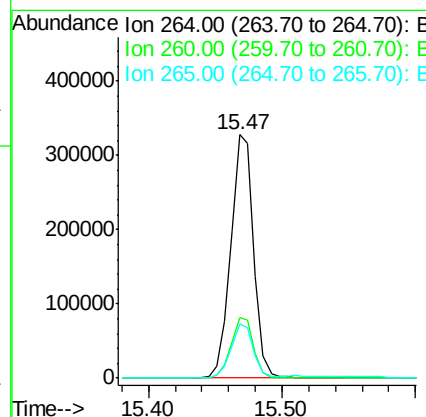
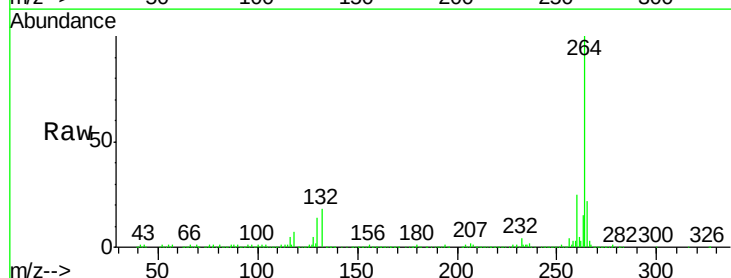
Manual Integrations
APPROVED

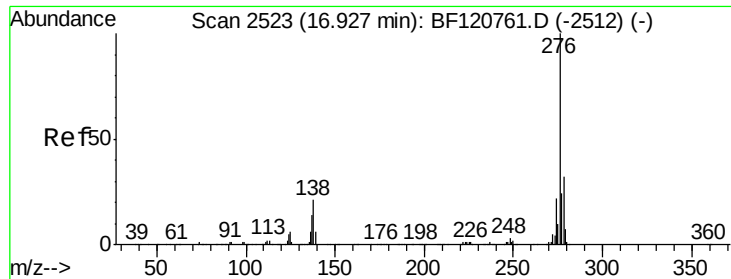
mohammad
7/13/2020 1:04:53 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	22.1	17.6	26.4





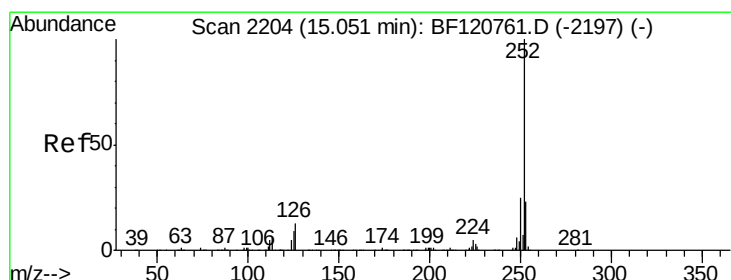
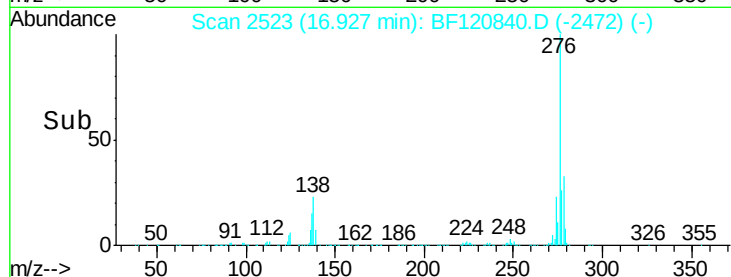
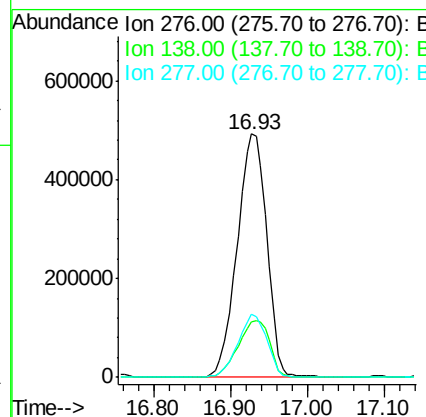
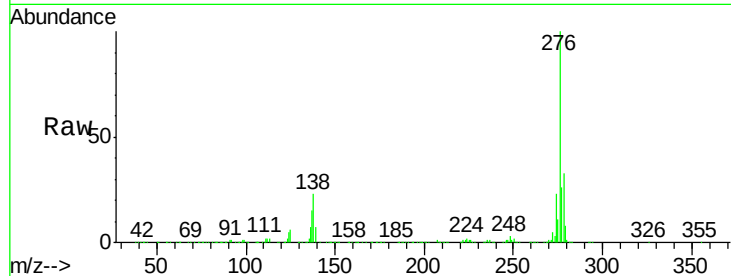
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.167 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	25.2	19.9	29.9

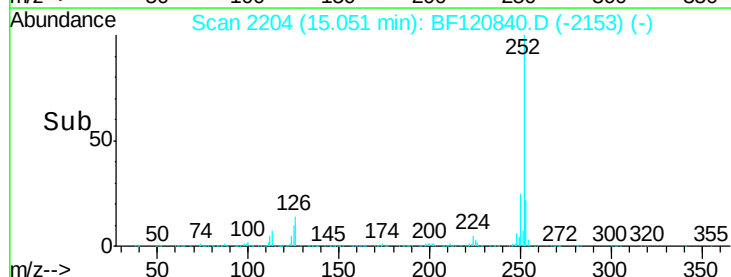
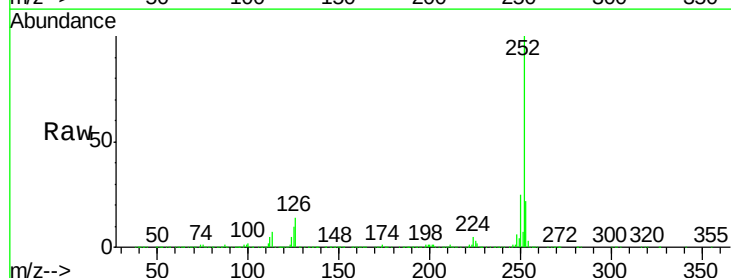
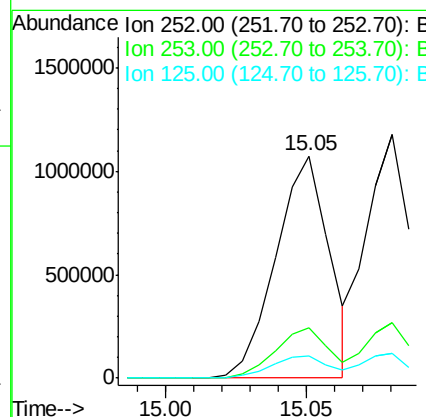
Manual Integrations
 APPROVED

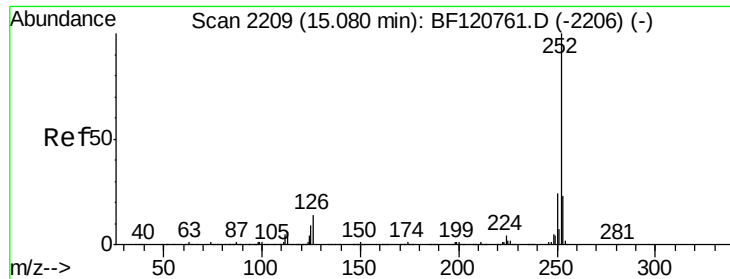
mohammad
 7/13/2020 1:04:53 PM



#88
 Benzo(b)fluoranthene
 Concen: 54.246 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	7.5	11.3





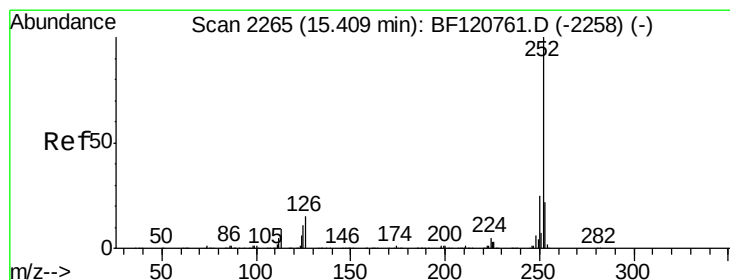
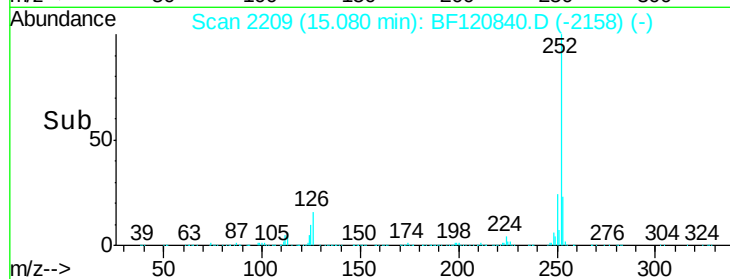
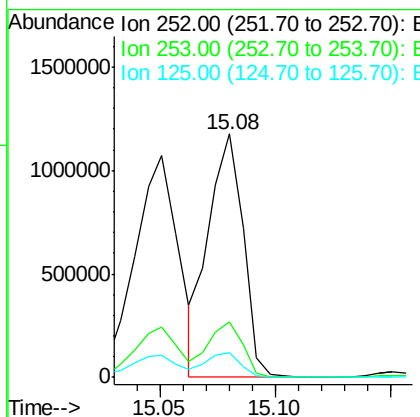
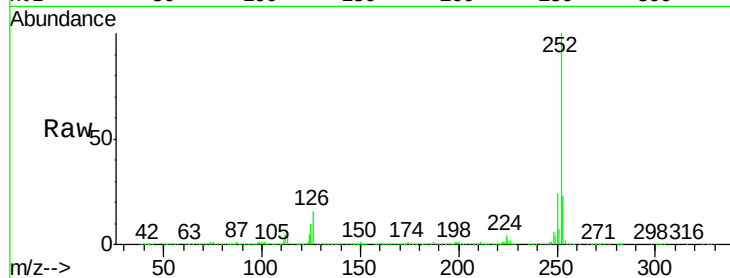
#89
Benzo(k)fluoranthene
Concen: 48.401 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.4	7.6	11.4

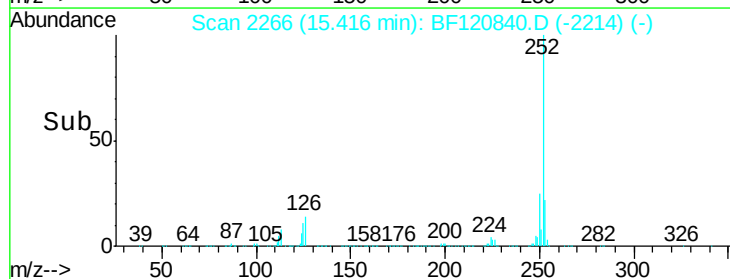
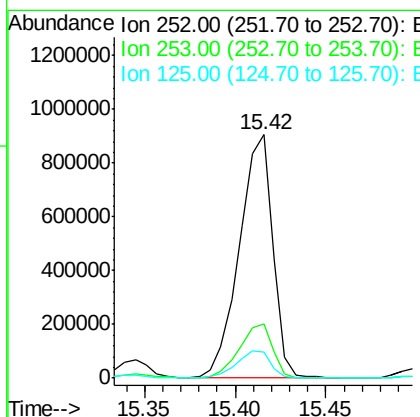
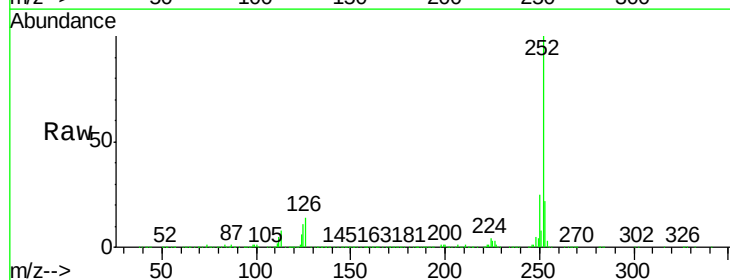
Manual Integrations
APPROVED

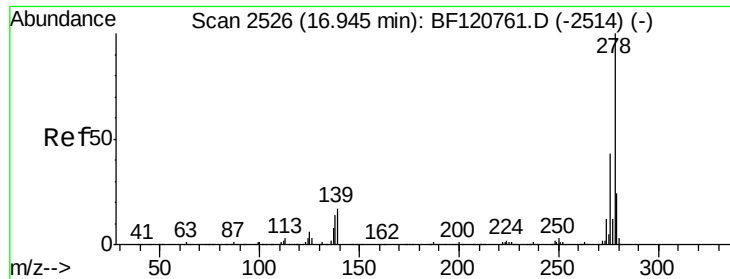
mohammad
7/13/2020 1:04:53 PM



#90
Benzo(a)pyrene
Concen: 50.036 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.6	9.2	13.8





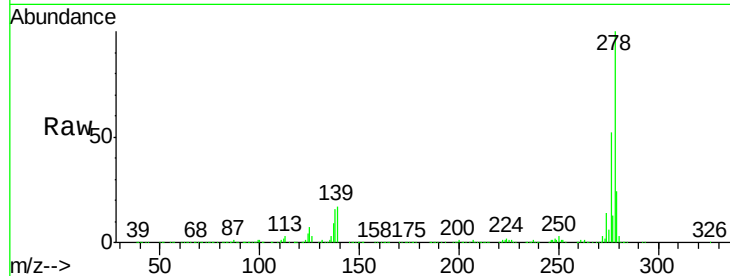
#91
Dibenzo(a,h)anthracene
Concen: 50.905 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

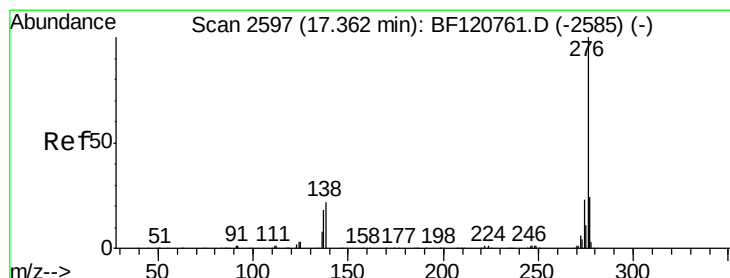
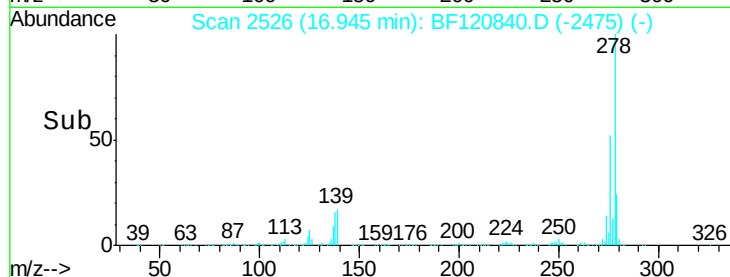
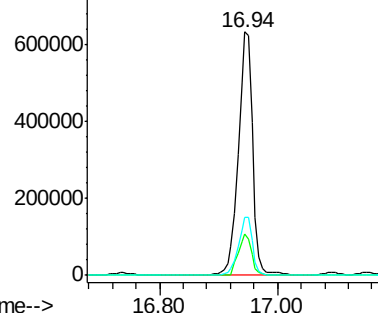
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.3	19.9
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:53 PM



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



#92
Benzo(g,h,i)perylene
Concen: 57.175 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.1	17.4	26.2

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

