

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118750.D
 Acq On : 30 Jan 2020 14:41
 Operator : CG/JU
 Sample : PB126456BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:56:53 AM

Quant Time: Jan 30 22:17:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	308561	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1179498	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	686997	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1306651	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	1002642	20.00	ng	-0.01
87) Perylene-d12	15.46	264	1007412	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1685114	101.43	ng	0.00
7) Phenol-d6	6.47	99	2139912	99.10	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1248285	59.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	857746	107.95	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2631440	62.96	ng	-0.02
79) Terphenyl-d14	12.95	244	3259906	70.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	270671	33.637	ng	100
3) Pyridine	3.45	79	669271	29.509	ng	99
4) n-Nitrosodimethylamine	3.39	42	281495	28.950	ng	100
6) Aniline	6.50	93	790702	27.809	ng	100
8) 2-Chlorophenol	6.63	128	723477	38.797	ng	99
9) Benzaldehyde	6.39	77	371567	28.294	ng	97
10) Phenol	6.49	94	864238	35.119	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	670960	36.749	ng	99
12) 1,3-Dichlorobenzene	6.79	146	800290	36.666	ng	99
13) 1,4-Dichlorobenzene	6.86	146	819886	37.421	ng	99
14) 1,2-Dichlorobenzene	7.02	146	765300	37.157	ng	98
15) Benzyl Alcohol	6.98	79	627340	36.634	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	790165	31.071	ng	99
17) 2-Methylphenol	7.09	107	592629	38.153	ng	97
18) Hexachloroethane	7.36	117	287721	36.215	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	485030	33.265	ng	98
20) 3+4-Methylphenols	7.25	107	718182	37.870	ng	97
22) Acetophenone	7.25	105	938781	33.598	ng	# 98
24) Nitrobenzene	7.42	77	735438	34.061	ng	99
25) Isophorone	7.66	82	1381959	35.930	ng	99
26) 2-Nitrophenol	7.74	139	399403	43.377	ng	99
27) 2,4-Dimethylphenol	7.77	122	678477	42.672	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	859762	34.692	ng	99
29) 2,4-Dichlorophenol	7.98	162	659548	37.524	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	729479	35.794	ng	100
31) Naphthalene	8.15	128	2073951	38.924	ng	99
32) Benzoic acid	7.90	122	444851	37.279	ng	95
33) 4-Chloroaniline	8.19	127	492688	20.006	ng	98
34) Hexachlorobutadiene	8.27	225	434288	34.992	ng	99
35) Caprolactam	8.56	113	213193m	37.064	ng	
36) 4-Chloro-3-methylphenol	8.67	107	669394	38.566	ng	99
37) 2-Methylnaphthalene	8.84	142	1474823	39.214	ng	100
38) 1-Methylnaphthalene	8.94	142	1391090	38.933	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	720522	33.519	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118750.D
 Acq On : 30 Jan 2020 14:41
 Operator : CG/JU
 Sample : PB126456BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

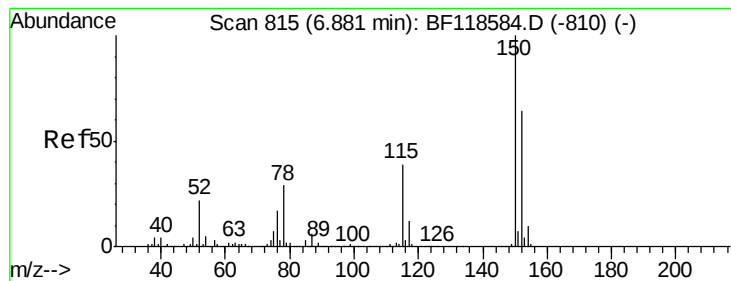
Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:56:53 AM

Quant Time: Jan 30 22:17:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	851048	78.472	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	519743	36.437	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	536307	36.814	nq	98
46) 1,1'-Biphenyl	9.30	154	1783587	37.670	nq	99
47) 2-Chloronaphthalene	9.33	162	1441245	36.114	nq	99
48) 2-Nitroaniline	9.42	65	396116	32.289	nq	98
49) Acenaphthylene	9.75	152	2223151	39.598	nq	99
50) Dimethylphthalate	9.60	163	1730695	38.667	nq	99
51) 2,6-Dinitrotoluene	9.66	165	405943	40.502	nq	94
52) Acenaphthene	9.92	154	1526581	40.664	nq	100
53) 3-Nitroaniline	9.83	138	271575	23.729	nq	96
54) 2,4-Dinitrophenol	9.94	184	390278	97.537	nq	97
55) Dibenzofuran	10.09	168	2034432	39.105	nq	100
56) 4-Nitrophenol	9.99	139	678942	78.585	nq	99
57) 2,4-Dinitrotoluene	10.07	165	539775	42.720	nq	98
58) Fluorene	10.43	166	1535819	37.604	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	472461	36.872	nq	99
60) Diethylphthalate	10.30	149	1860692	42.876	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	817815	36.817	nq	95
62) 4-Nitroaniline	10.45	138	392786	33.459	nq	99
63) Azobenzene	10.58	77	1514172	36.027	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	297964	51.859	nq	88
66) n-Nitrosodiphenylamine	10.54	169	1455166	36.928	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	573129	35.503	nq	96
68) Hexachlorobenzene	10.98	284	647001	35.351	nq	97
69) Atrazine	11.07	200	547187	40.063	nq	99
70) Pentachlorophenol	11.17	266	705731	69.354	nq	99
71) Phenanthrene	11.39	178	2375569	37.684	nq	100
72) Anthracene	11.45	178	2419821	38.794	nq	99
73) Carbazole	11.59	167	2104769	36.788	nq	100
74) Di-n-butylphthalate	11.93	149	2660868	41.860	nq	100
75) Fluoranthene	12.58	202	2557066	38.459	nq	100
77) Benzidine	12.70	184	1529559	57.095	nq	99
78) Pyrene	12.81	202	2575897	37.842	nq	99
80) Butylbenzylphthalate	13.43	149	1156359	41.508	nq	95
81) Benzo(a)anthracene	14.00	228	2226618	36.917	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	553014	25.731	nq	99
83) Chrysene	14.03	228	2208743	38.210	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1557527	45.762	nq	99
85) Di-n-octyl phthalate	14.60	149	2638353	52.370	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2013262	40.083	nq	99
88) Benzo(b)fluoranthene	15.04	252	2301846	36.351	nq	99
89) Benzo(k)fluoranthene	15.07	252	2107048	35.916	nq	99
90) Benzo(a)pyrene	15.40	252	1949017	35.680	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1697656	35.135	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1619856	34.528	nq	99

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



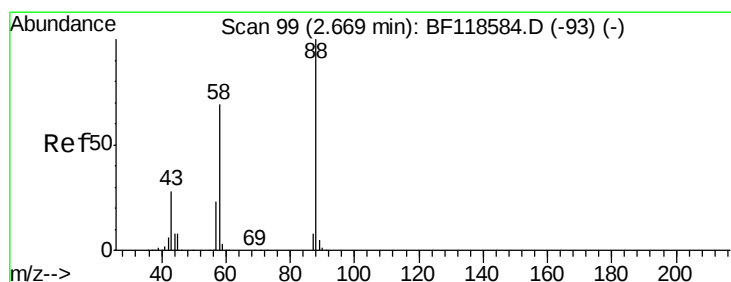
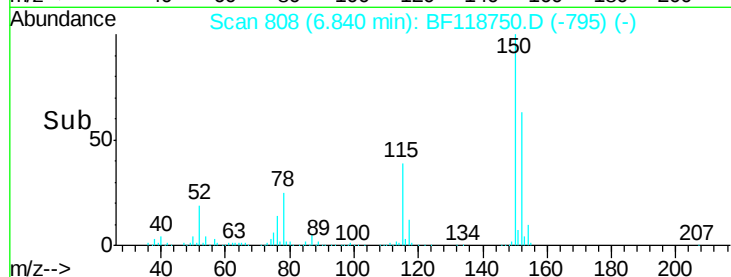
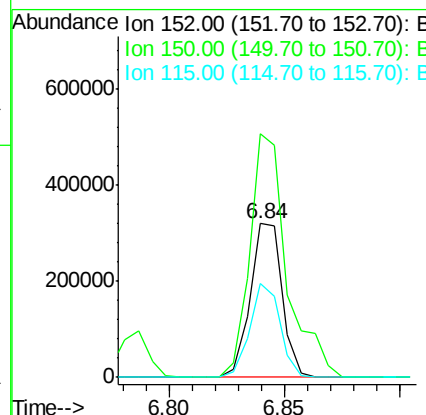
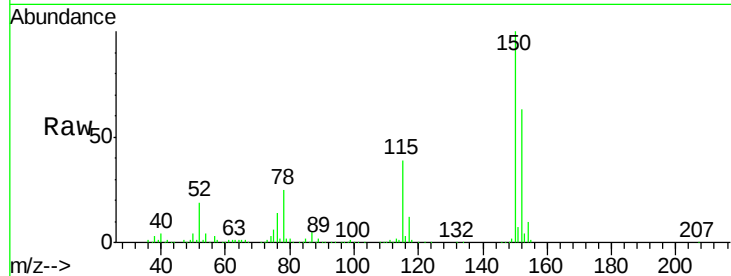
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.7	185.5
115	61.2	45.1	67.7

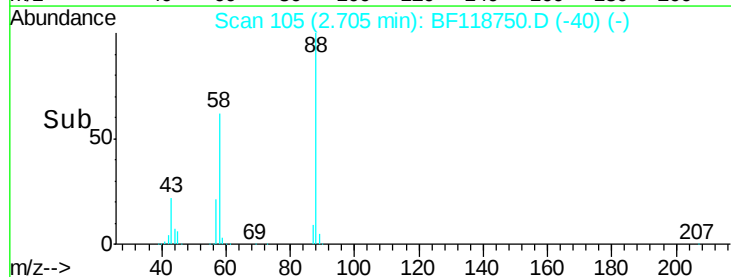
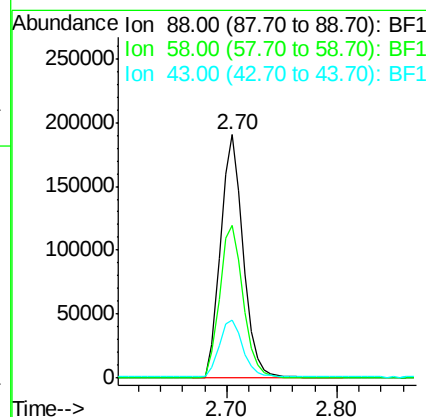
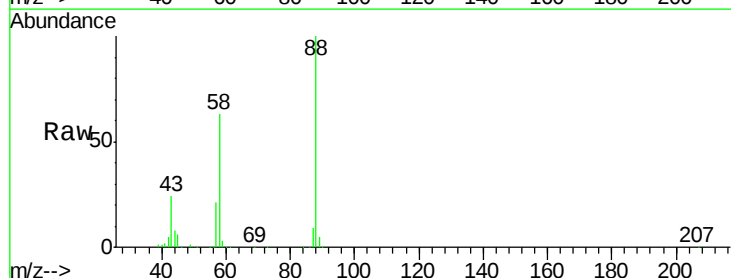
Manual Integrations
 APPROVED

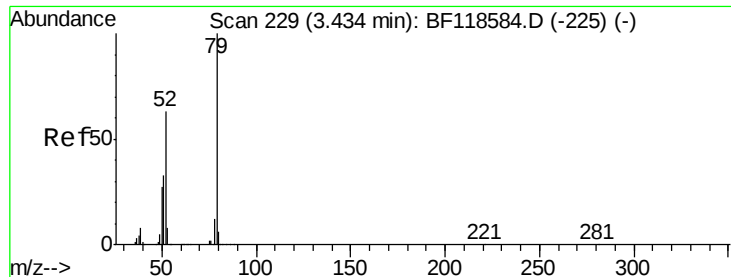
mohammad
 2/3/2020 7:56:53 AM



#2
 1,4-Dioxane
 Concen: 33.637 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.08 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	51.9	77.9
43	24.2	19.3	28.9





#3

Pvridine

Concen: 29.509 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

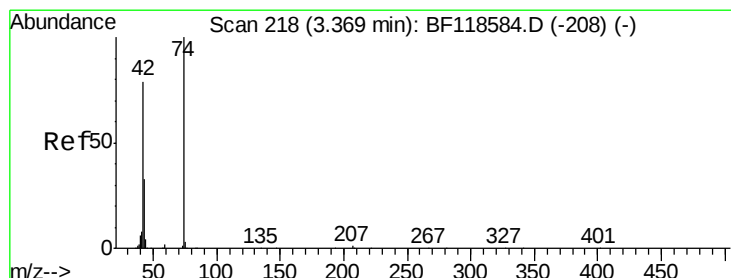
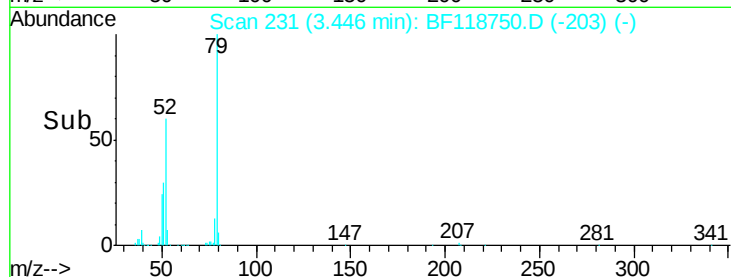
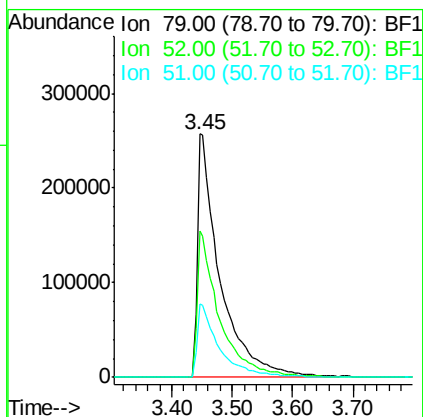
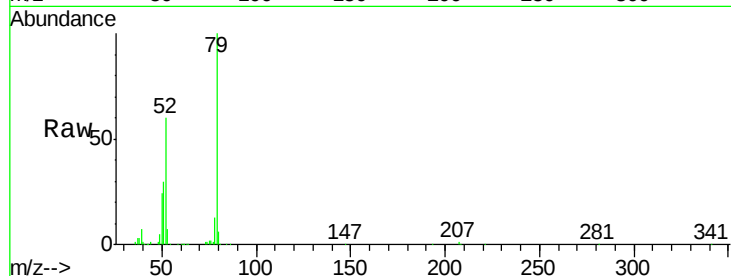
ClientSampleId :

PB126456BS

Tot Ion:	79	Resp:	669271
Ion Ratio	Lower	Upper	
79	100		
52	60.0	48.8	73.2
51	30.4	24.4	36.6

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#4

n-Nitrosodimethylamine

Concen: 28.950 ng

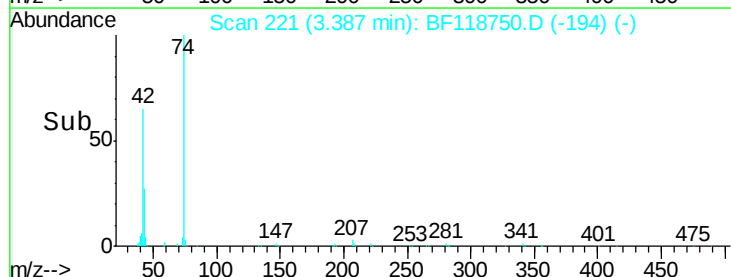
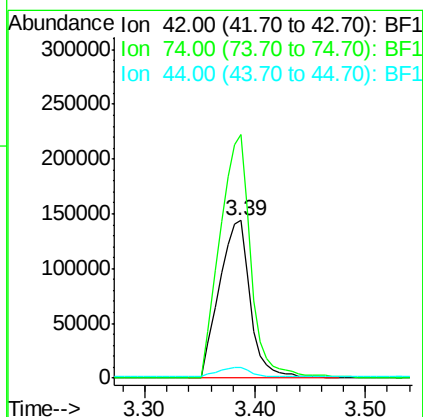
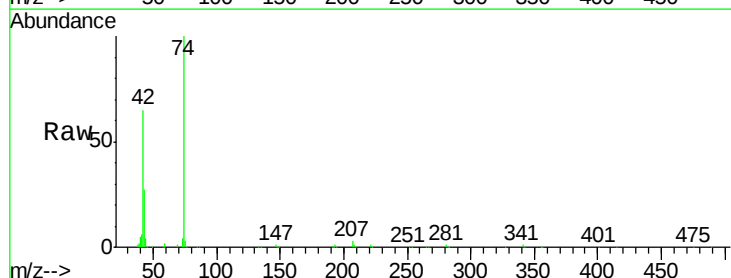
RT: 3.39 min Scan# 221

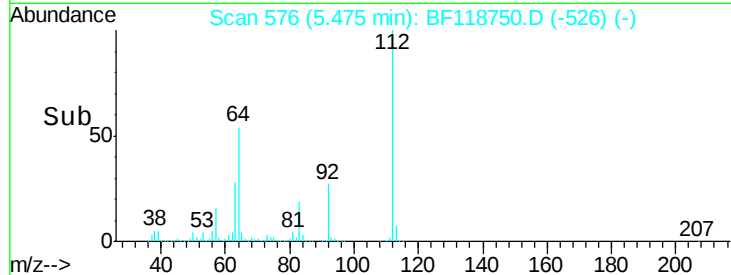
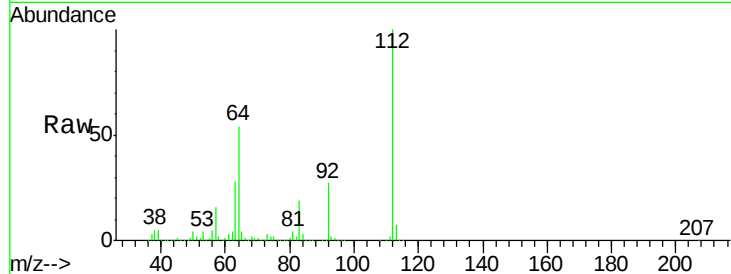
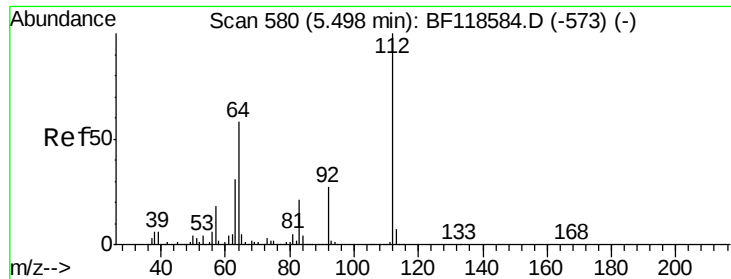
Delta R.T. 0.06 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	42	Resp:	281495
Ion Ratio	Lower	Upper	
42	100		
74	154.8	123.5	185.3
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 101.428 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tot Ion:	112	Resp:	1685114
Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.4	63.6
63	28.2	21.7	32.5

Instrument :

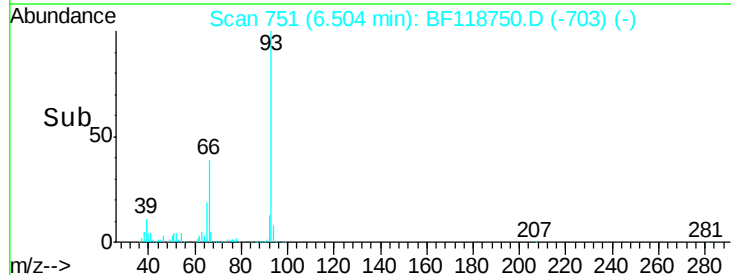
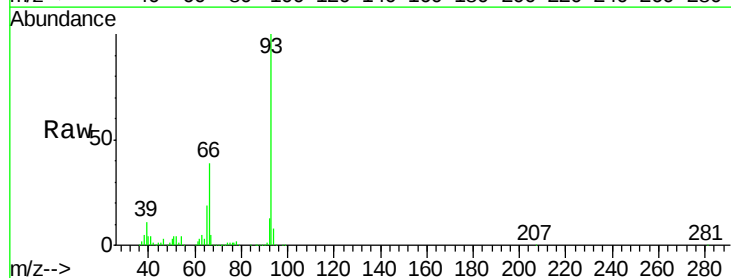
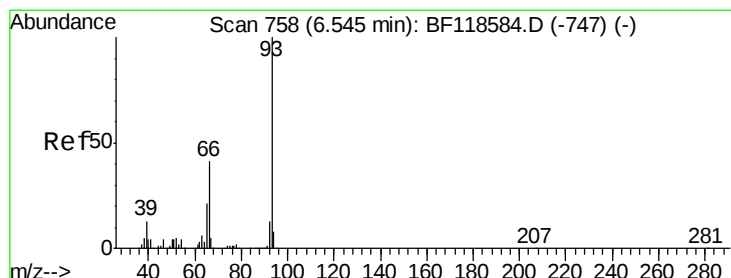
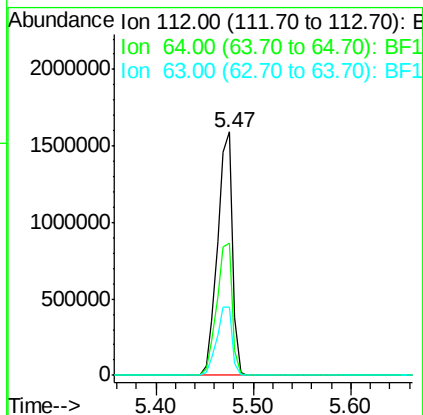
BNA_F

ClientSampleId :

PB126456BS

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#6

Aniline

Concen: 27.809 ng

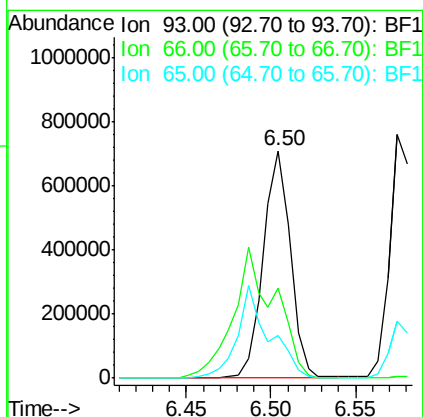
RT: 6.50 min Scan# 751

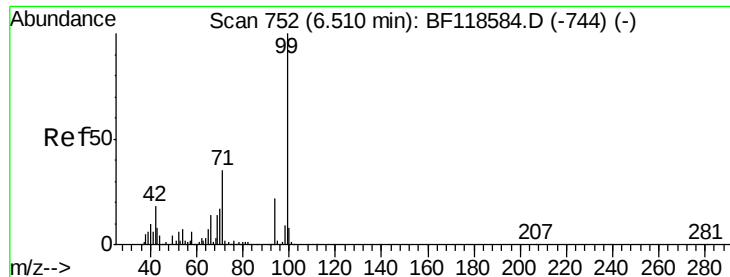
Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	93	Resp:	790702
Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.3	46.9
65	19.0	15.3	22.9





#7

Phenol-d6

Concen: 99.099 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion: 99 Resp: 2139912

Ion Ratio Lower Upper

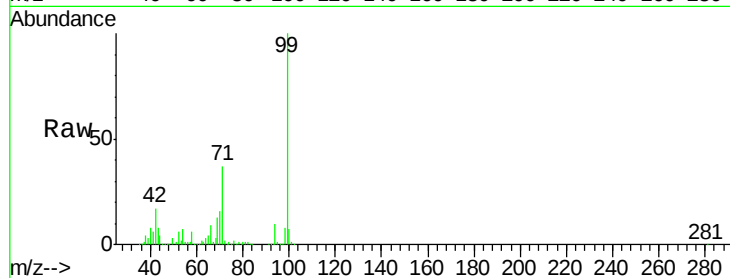
99 100

42 17.1 13.1 19.7

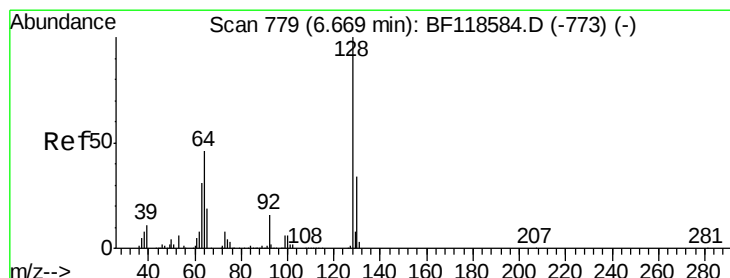
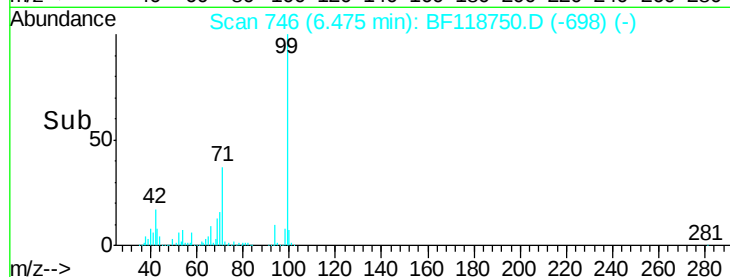
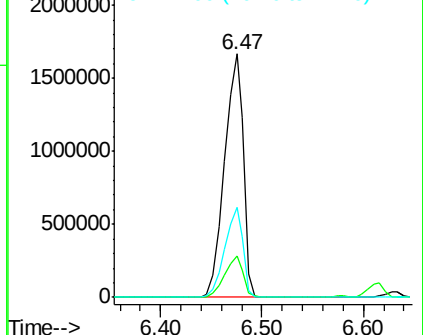
71 36.9 28.4 42.6

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



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: 38.797 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

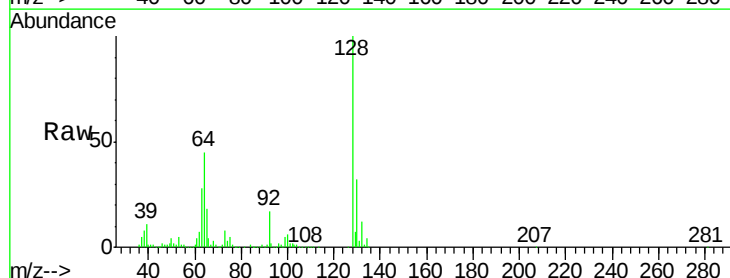
Tgt Ion: 128 Resp: 723477

Ion Ratio Lower Upper

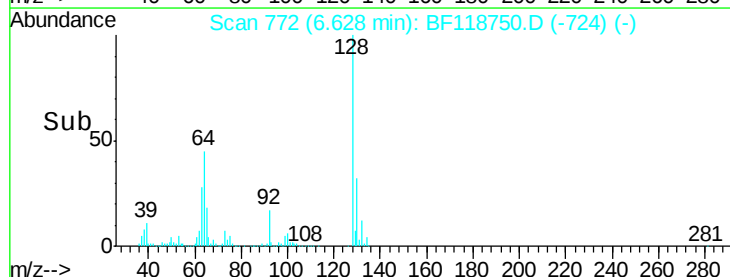
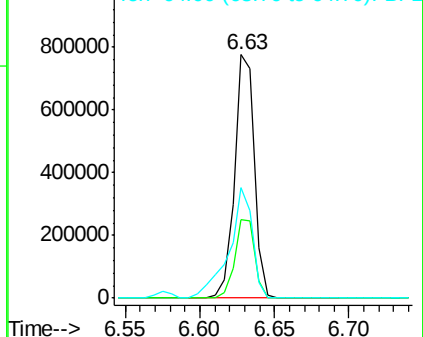
128 100

130 32.4 12.8 52.8

64 45.2 24.5 64.5



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: 28.294 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

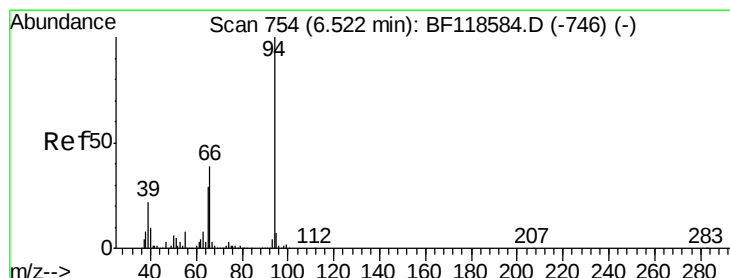
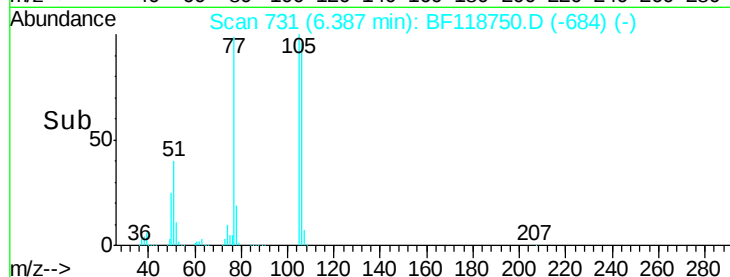
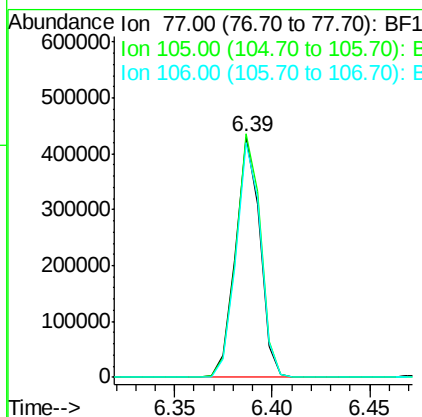
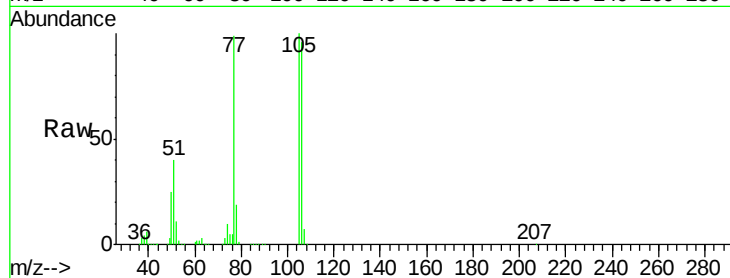
ClientSampled :

PB126456BS

Tot Ion:	77	Resp:	371567
Ion Ratio	Lower	Upper	
77	100		
105	101.5	84.3	124.3
106	97.6	80.4	120.4

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#10

Phenol

Concen: 35.119 ng

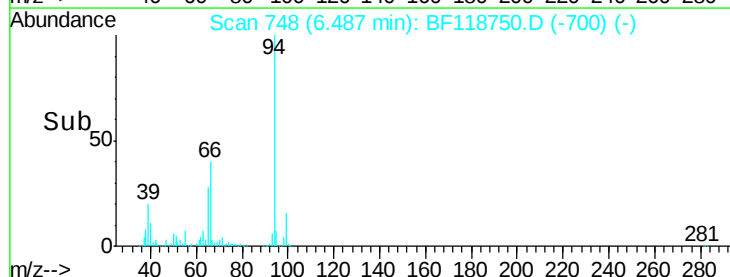
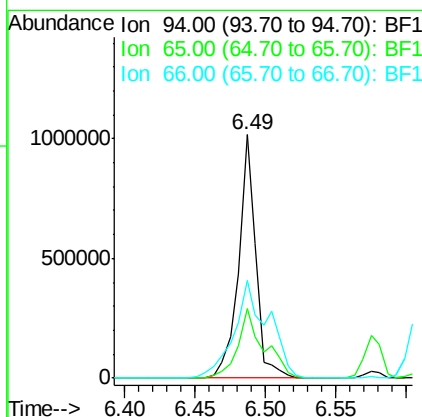
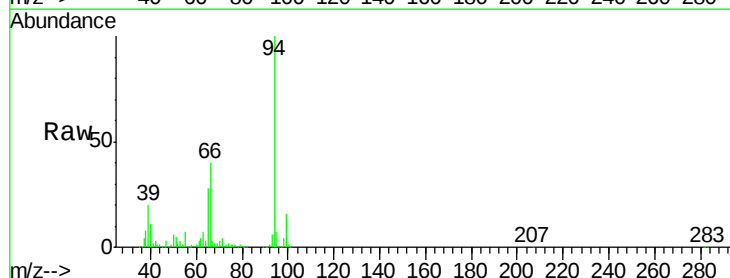
RT: 6.49 min Scan# 748

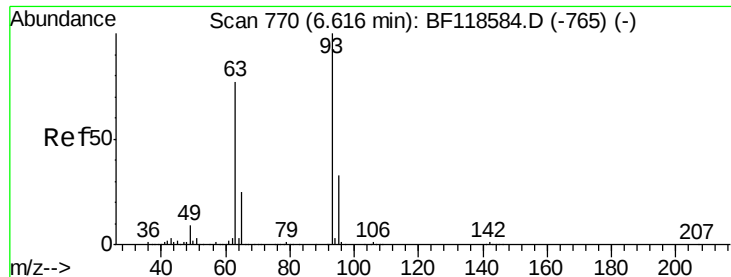
Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	94	Resp:	864238
Ion Ratio	Lower	Upper	
94	100		
65	28.3	7.9	47.9
66	40.2	19.1	59.1





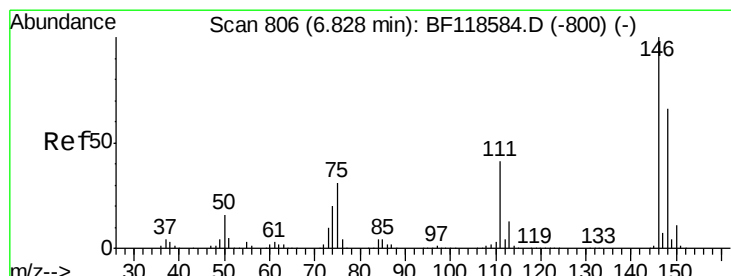
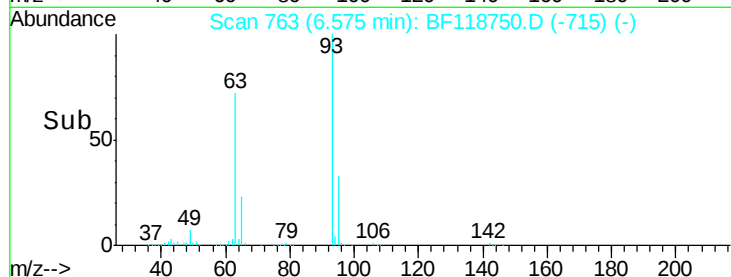
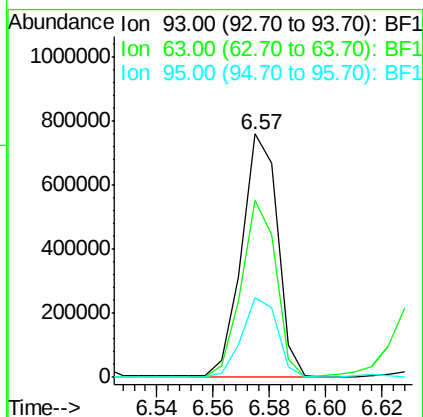
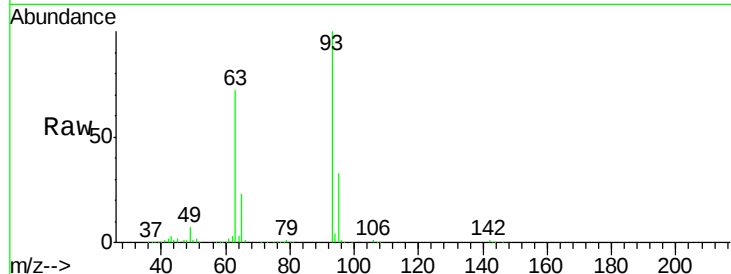
#11
bis(2-Chloroethyl)ether
Concen: 36.749 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion:	93	Resp:	670960
Ion	Ratio	Lower	Upper
93	100		
63	72.5	52.1	92.1
95	32.6	13.2	53.2

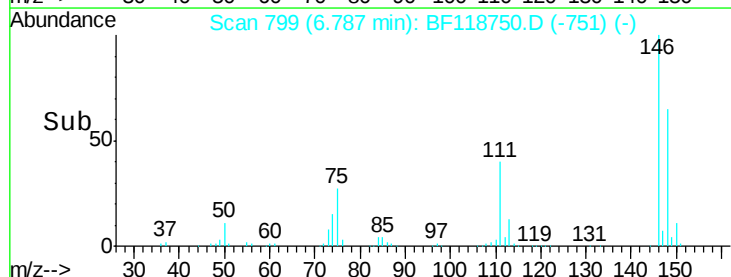
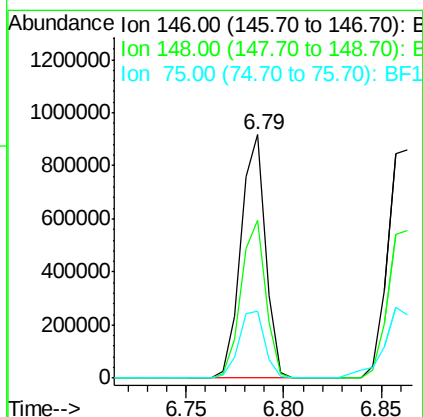
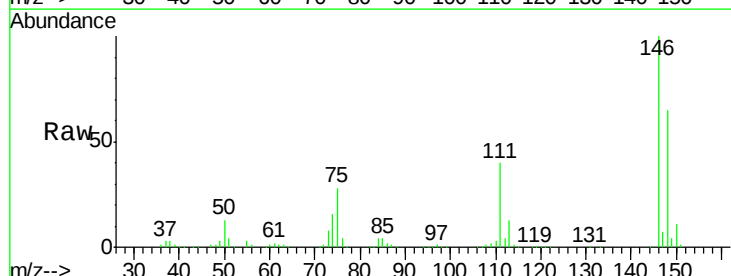
Manual Integrations
APPROVED

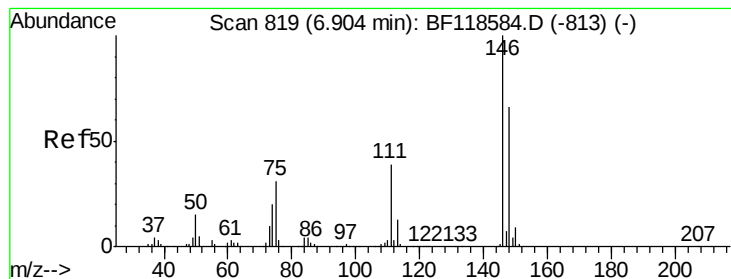
mohammad
2/3/2020 7:56:53 AM



#12
1,3-Dichlorobenzene
Concen: 36.666 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion:	146	Resp:	800290
Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
75	27.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.421 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion:146 Resp: 819886

Ion Ratio Lower Upper

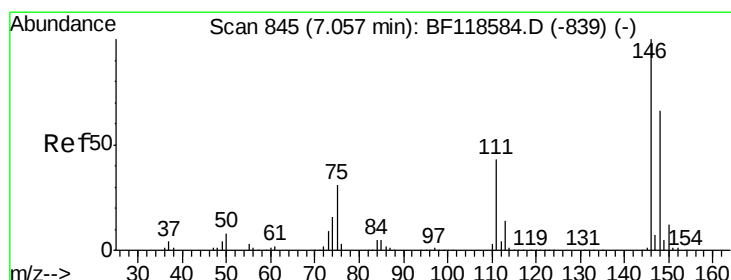
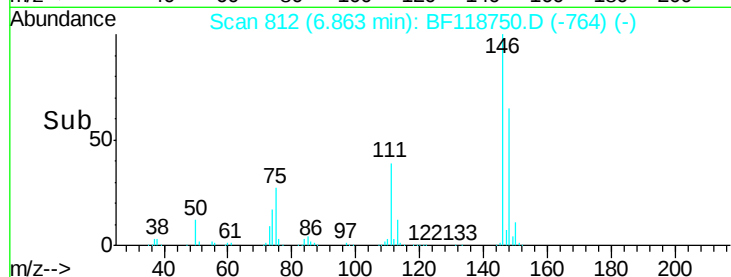
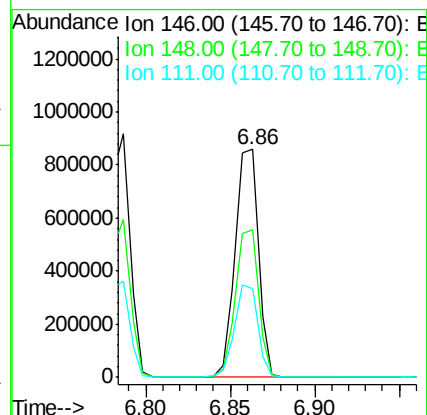
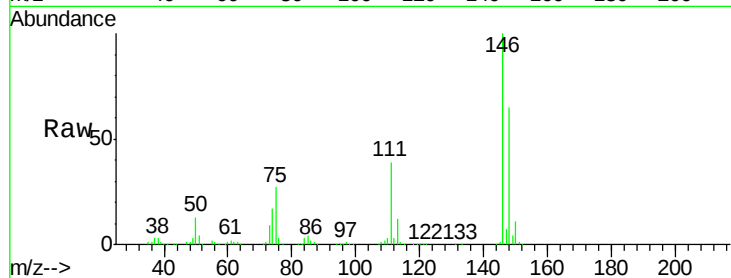
146 100

148 64.9 51.5 77.3

111 39.0 31.8 47.6

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#14

1,2-Dichlorobenzene

Concen: 37.157 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

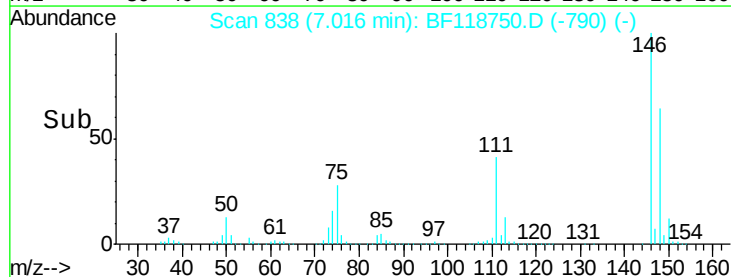
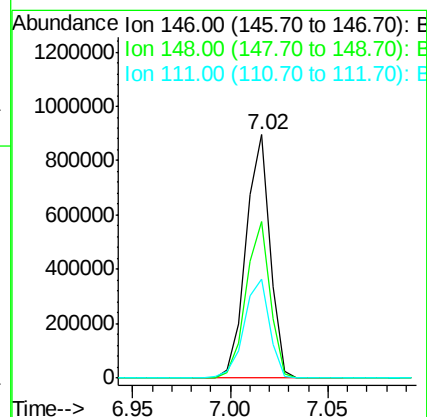
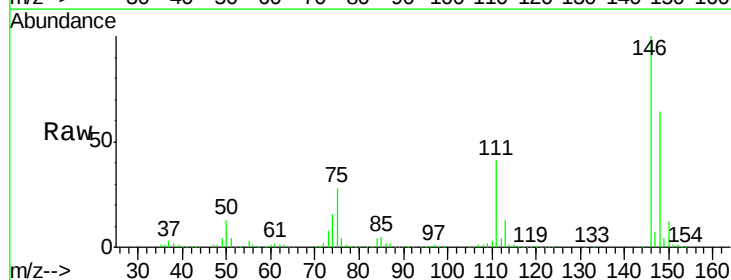
Tgt Ion:146 Resp: 765300

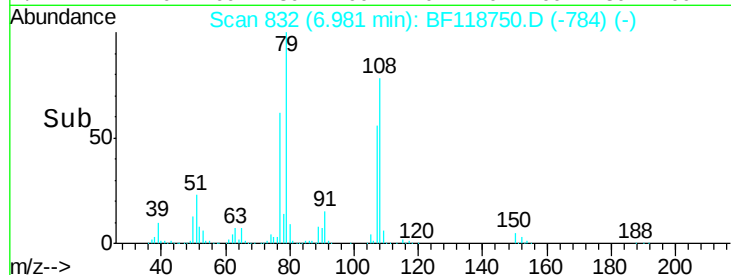
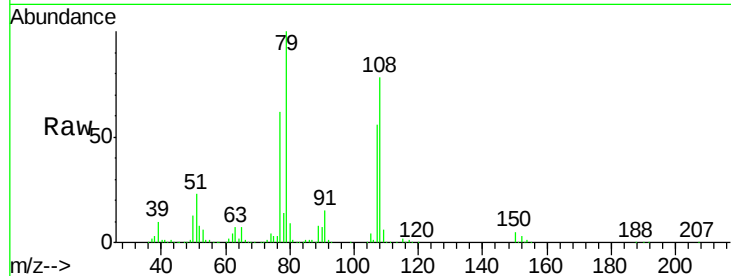
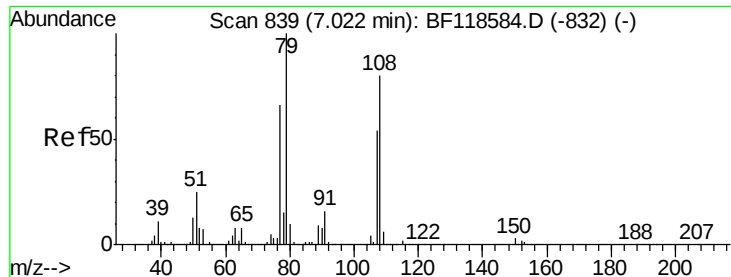
Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

111 40.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 36.634 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tot Ion:	79	Resp:	627340
Ion Ratio	Lower	Upper	
79	100		
108	77.8	63.4	95.2
77	61.9	49.8	74.6

Instrument :

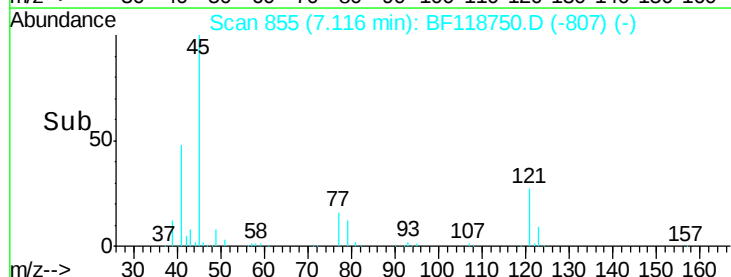
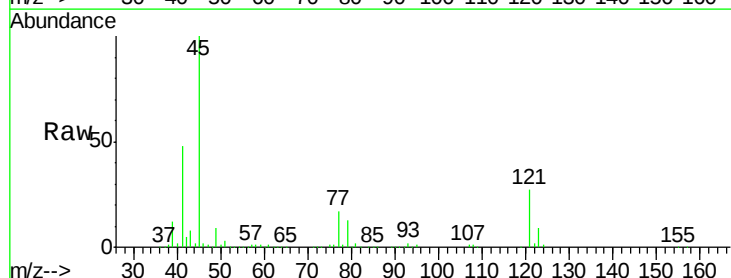
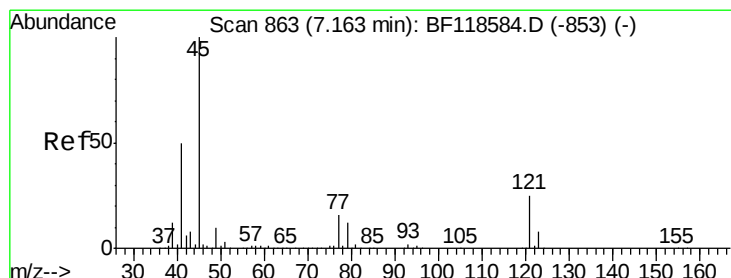
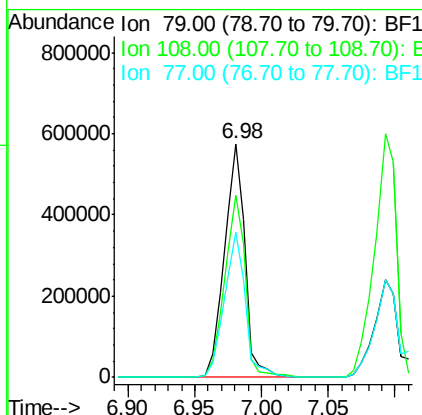
BNA_F

ClientSampleId :

PB126456BS

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.071 ng

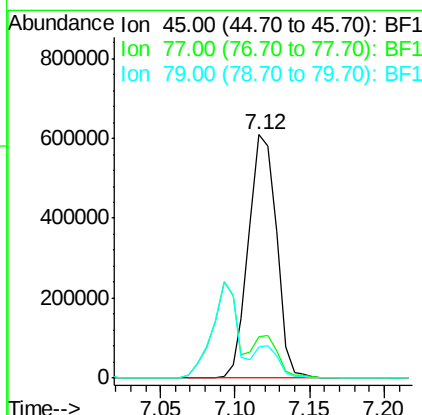
RT: 7.12 min Scan# 855

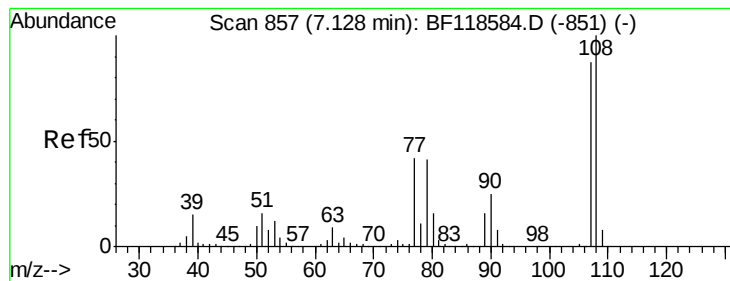
Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	45	Resp:	790165
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	36.9
79	12.7	0.0	32.5





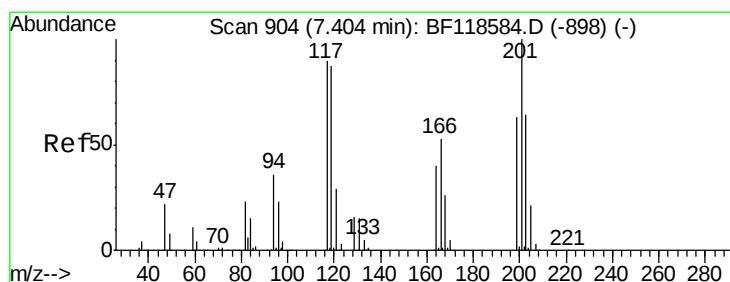
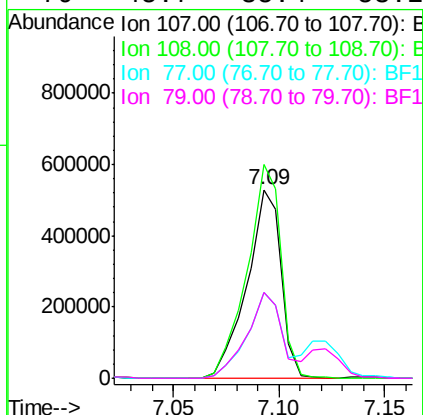
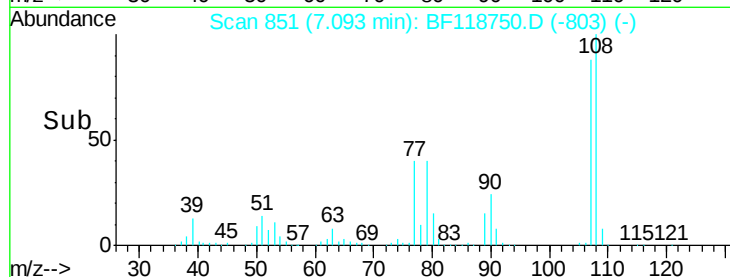
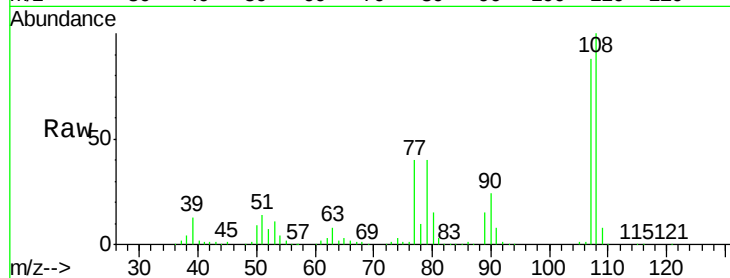
#17
2-Methylphenol
Concen: 38.153 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	107	Resp	592629
Ion	Ratio	Lower	Upper
107	100		
108	113.2	88.0	132.0
77	45.4	35.3	52.9
79	45.7	35.4	53.2

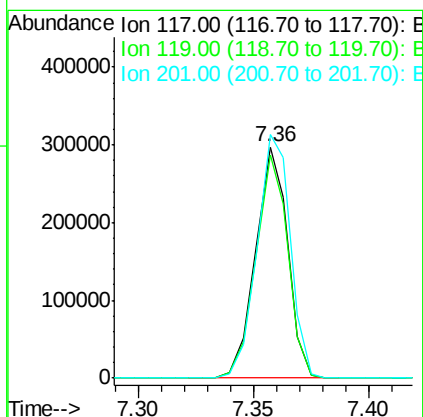
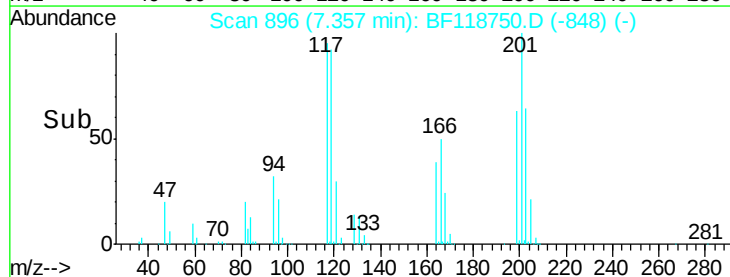
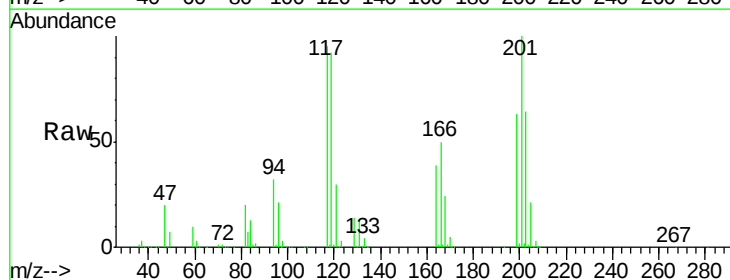
Manual Integrations
APPROVED

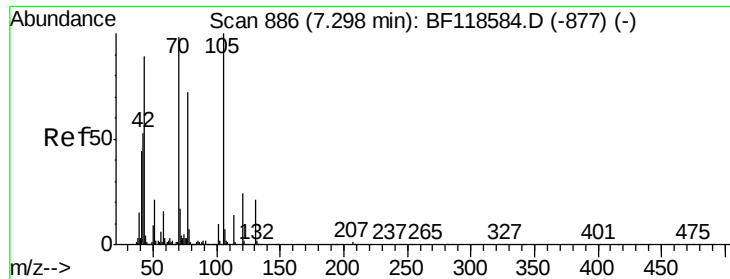
mohammad
2/3/2020 7:56:53 AM



#18
Hexachloroethane
Concen: 36.215 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	117	Resp	287721
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.2
201	105.4	83.3	124.9





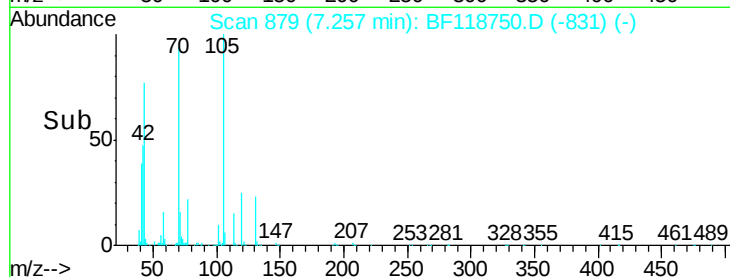
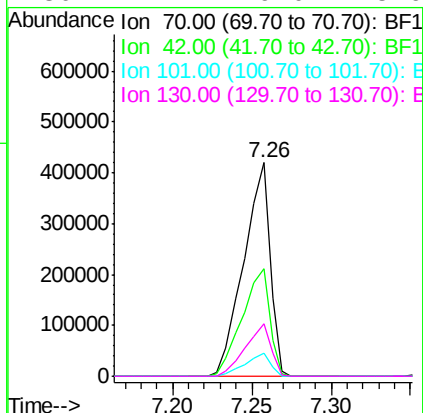
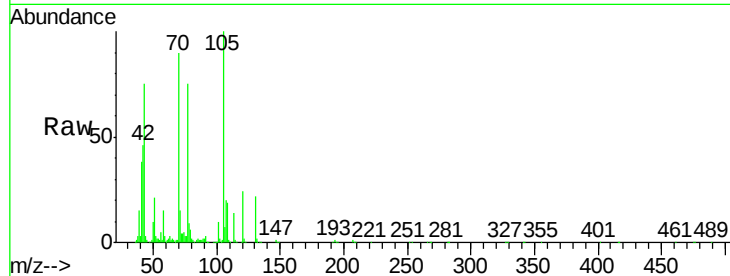
#19
n-Nitroso-di-n-propylamine
Concen: 33.265 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.5	41.6	62.4	
101	10.6	7.9	11.9	
130	24.7	19.0	28.6	

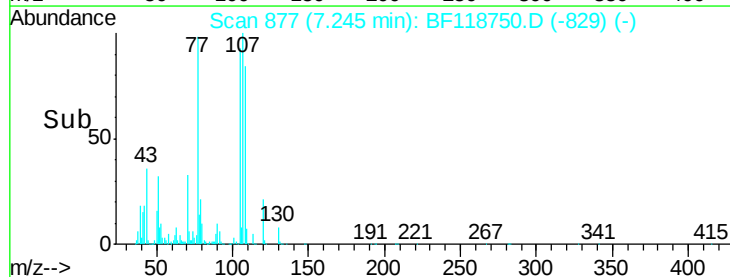
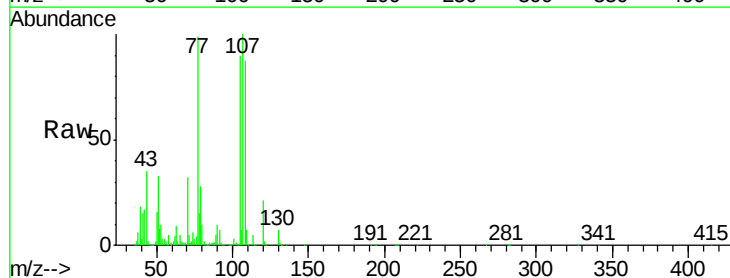
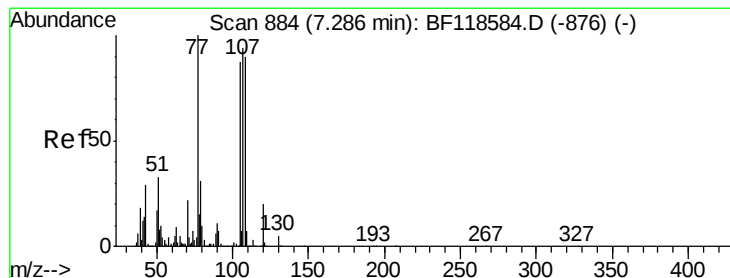
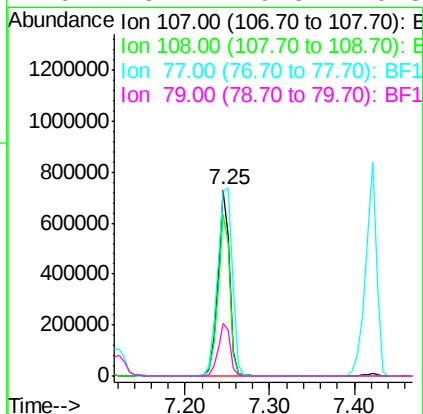
Manual Integrations
APPROVED

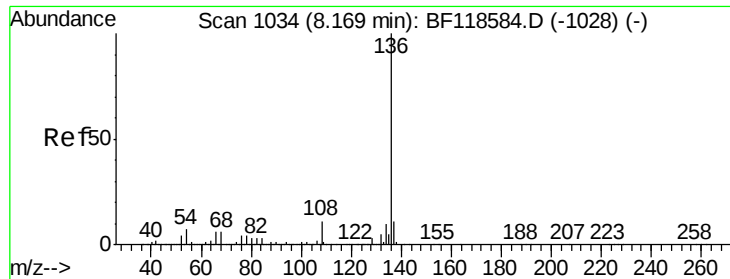
mohammad
2/3/2020 7:56:53 AM



#20
3+4-Methylphenols
Concen: 37.870 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	67.5	107.5	
77	99.1	73.6	113.6	
79	28.4	9.3	49.3	





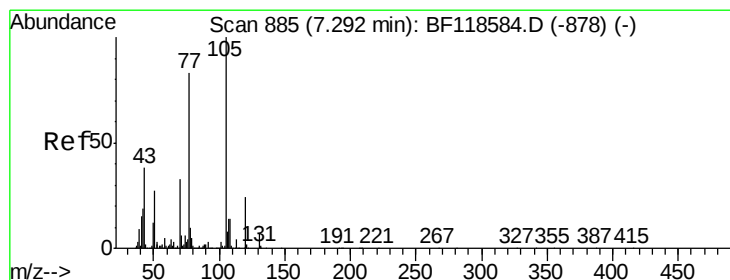
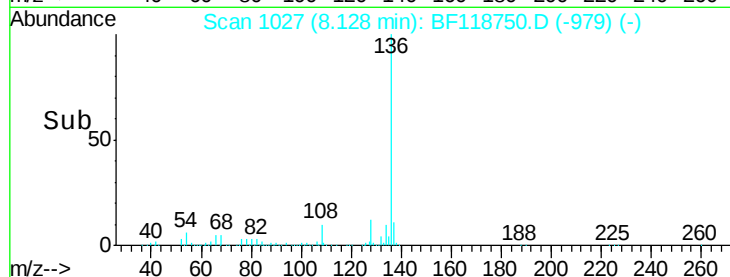
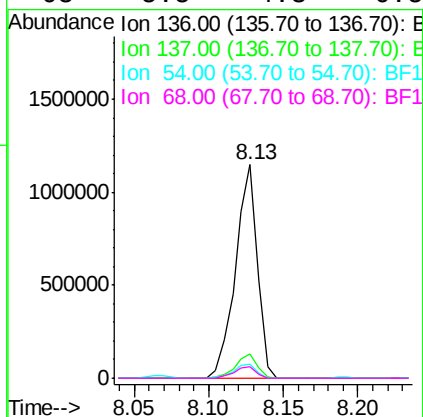
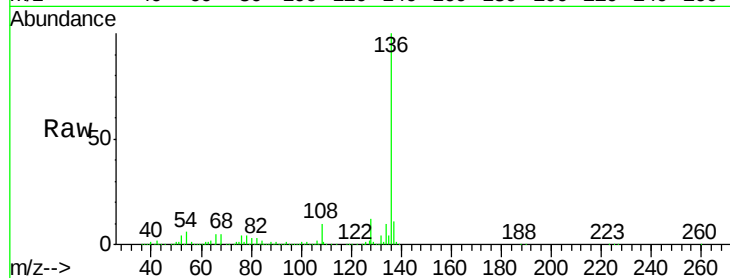
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1179498		
137	11.2		8.9	13.3	
54	6.4		5.1	7.7	
68	5.5		4.3	6.5	

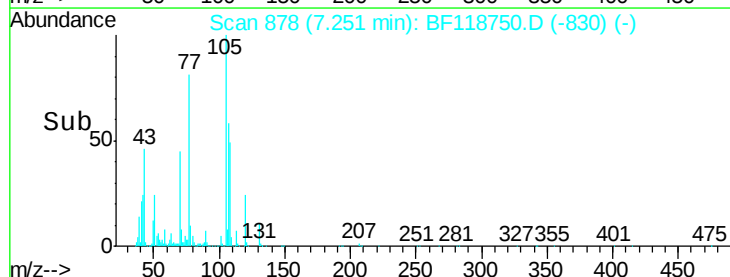
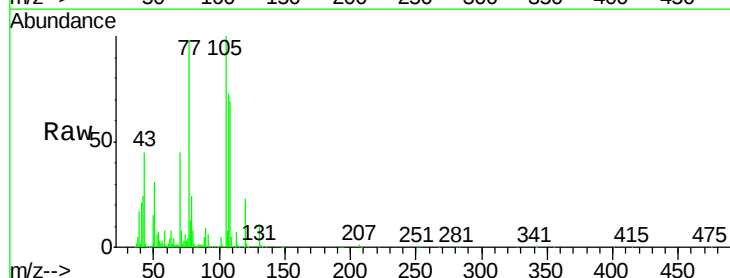
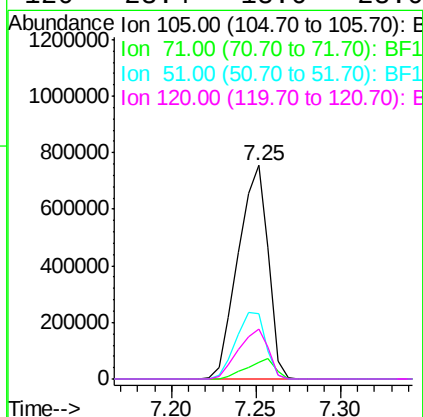
Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#22
Acetophenone
Concen: 33.598 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		938781		
71	7.6		4.3	6.5#	
51	30.6		23.5	35.3	
120	23.4		18.6	28.0	





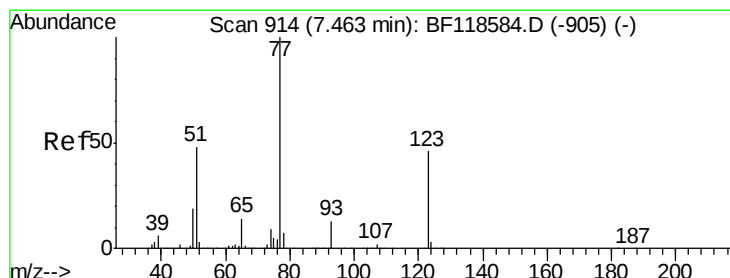
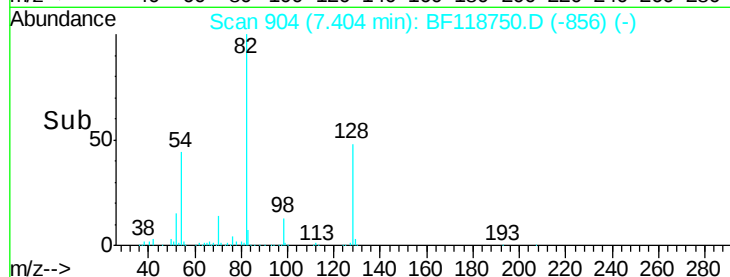
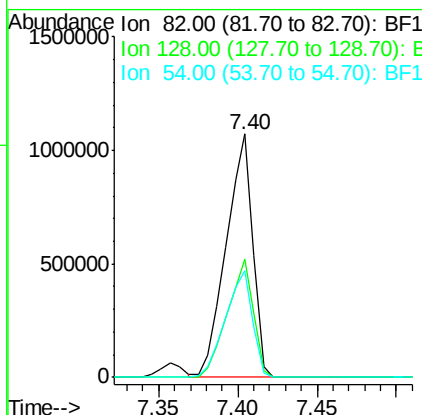
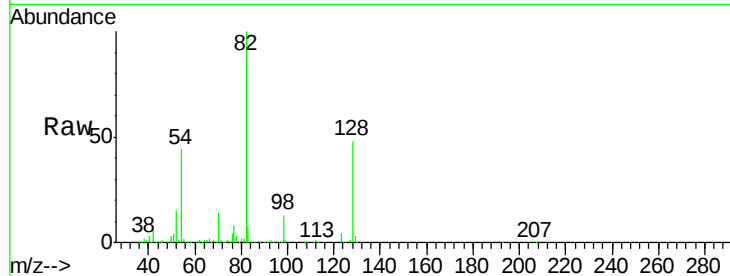
#23
 Nitrobenzene-d5
 Concen: 59.196 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampled :
 PB126456BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.2	57.2
54	43.9	36.1	54.1

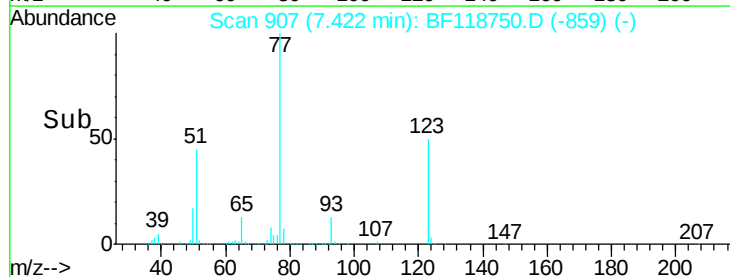
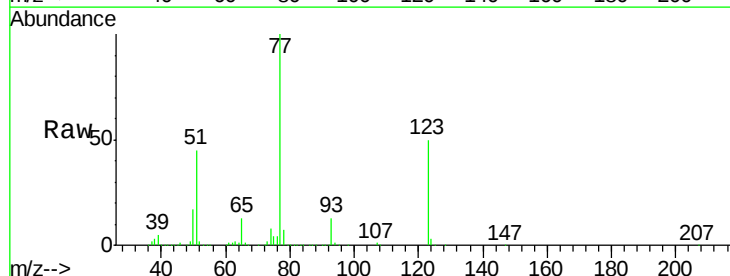
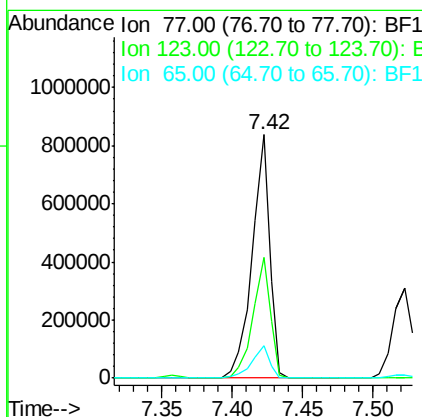
Manual Integrations
 APPROVED

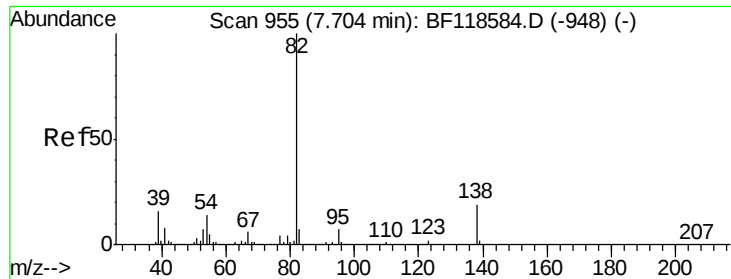
mohammad
 2/3/2020 7:56:53 AM



#24
 Nitrobenzene
 Concen: 34.061 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.2	58.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 35.930 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion: 82 Resp: 1381959

Ion Ratio Lower Upper

82 100

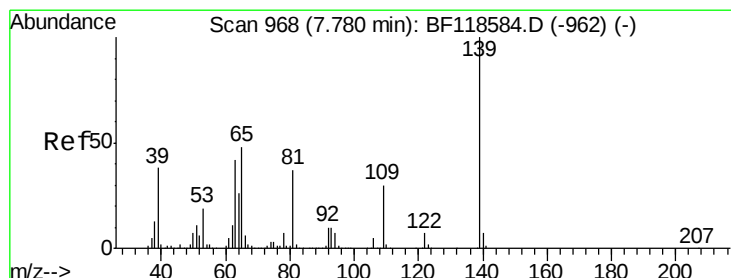
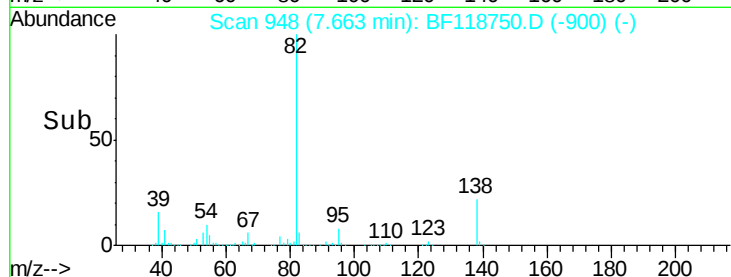
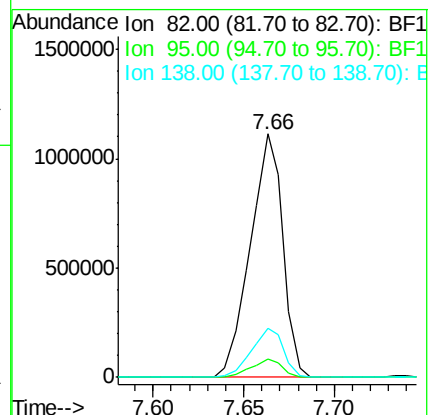
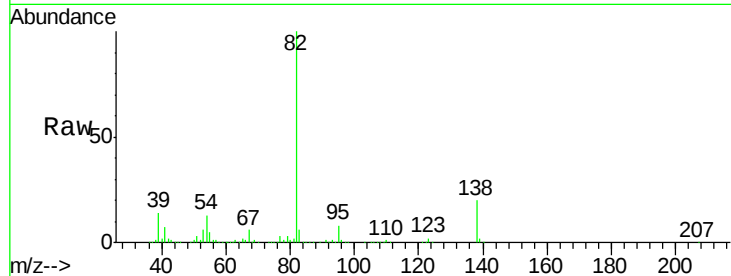
95 7.5 5.8 8.8

138 20.0 15.8 23.8

Manual Integrations
APPROVED

mohammad

2/3/2020 7:56:53 AM



#26

2-Nitrophenol

Concen: 43.377 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

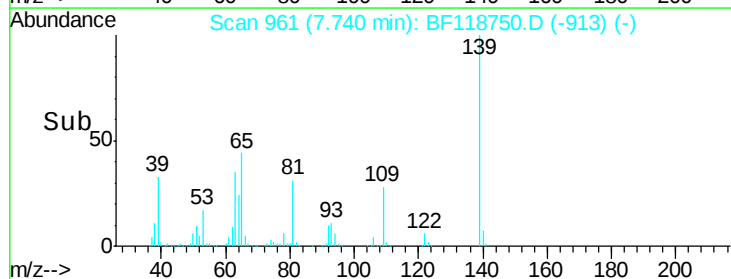
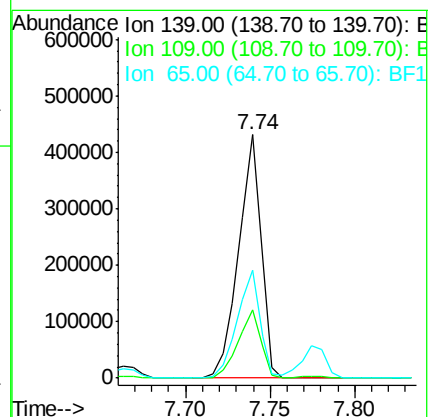
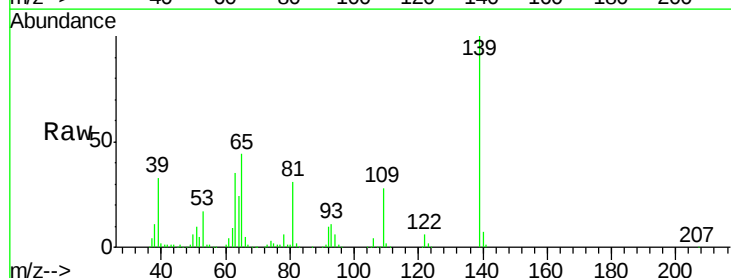
Tgt Ion: 139 Resp: 399403

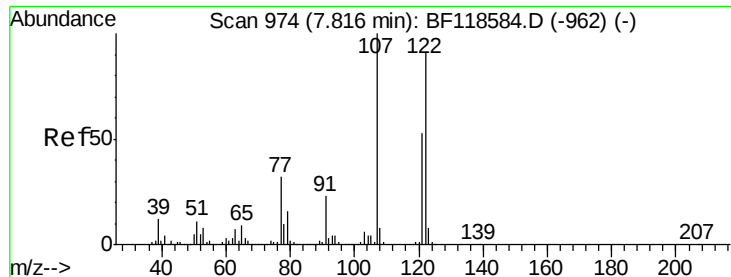
Ion Ratio Lower Upper

139 100

109 28.0 23.1 34.7

65 44.4 35.2 52.8





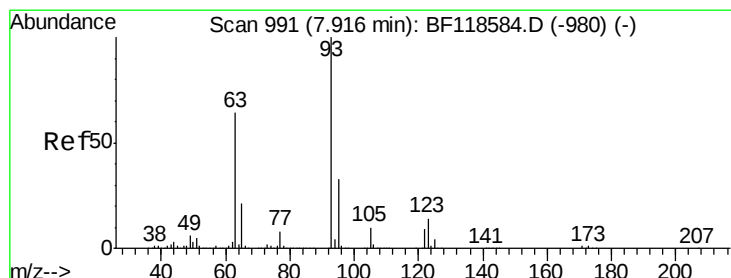
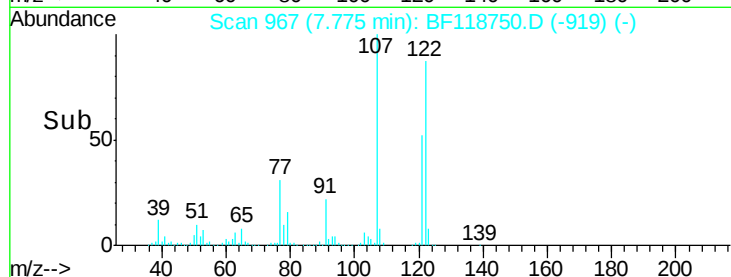
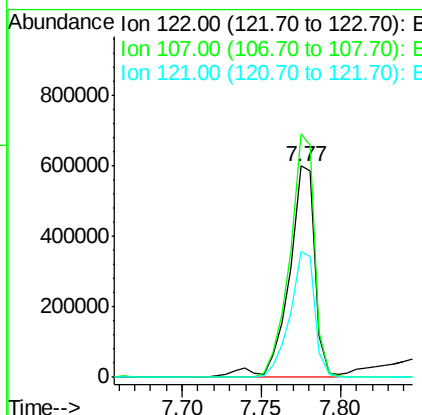
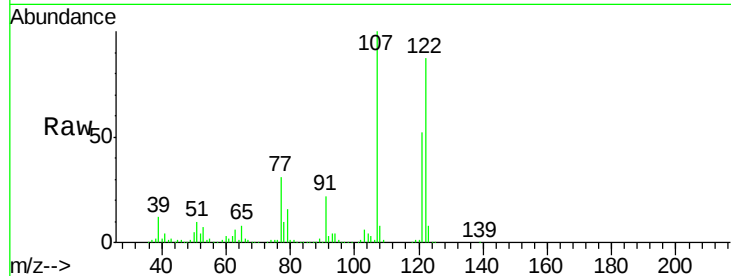
#27
2,4-Dimethylphenol
Concen: 42.672 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.8	137.8
121	59.4	46.8	70.2

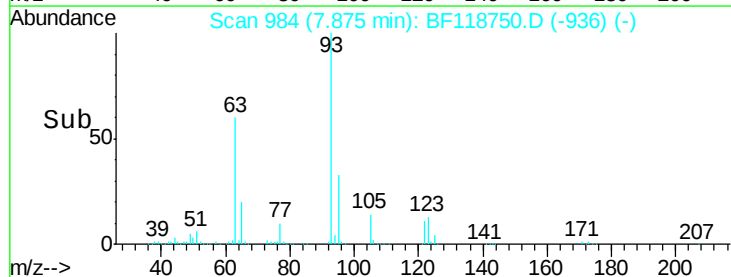
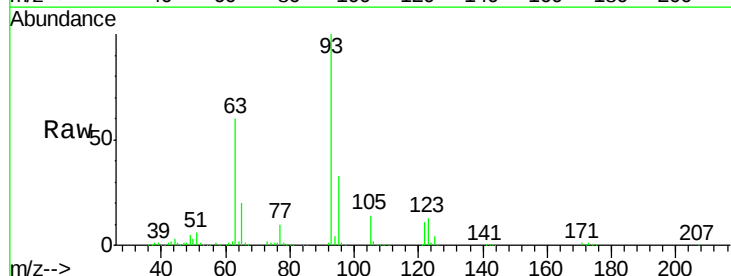
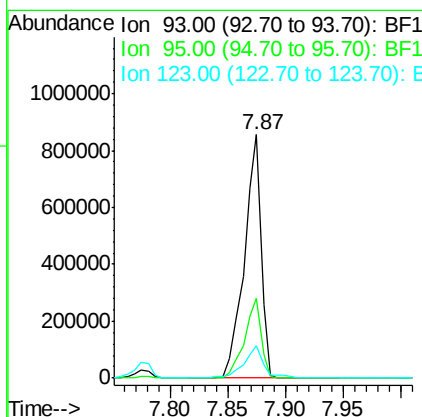
Manual Integrations
APPROVED

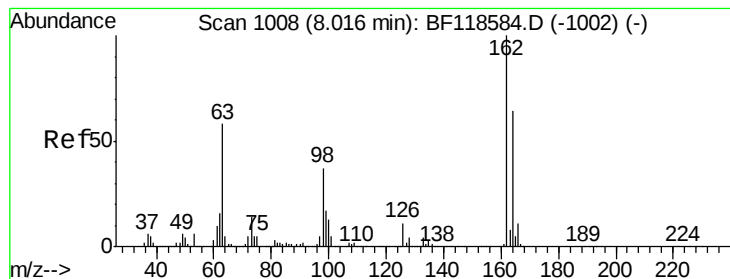
mohammad
2/3/2020 7:56:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 34.692 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	13.4	10.7	16.1





#29

2,4-Dichlorophenol

Concen: 37.524 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

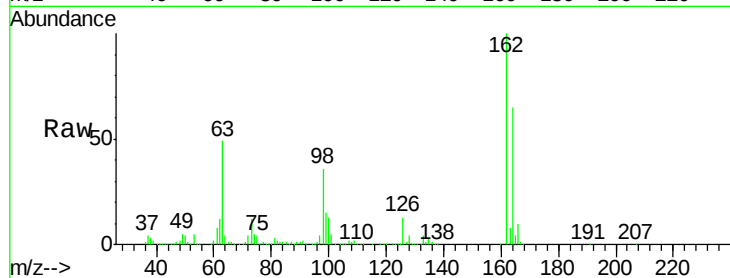
ClientSampleId :

PB126456BS

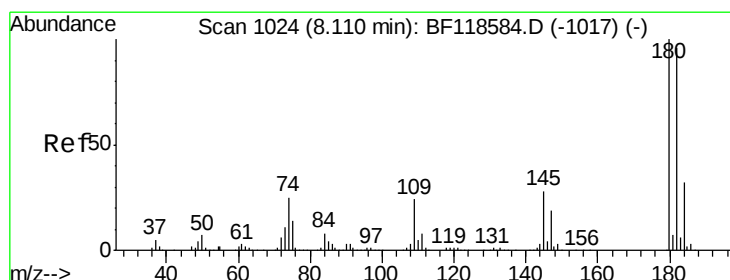
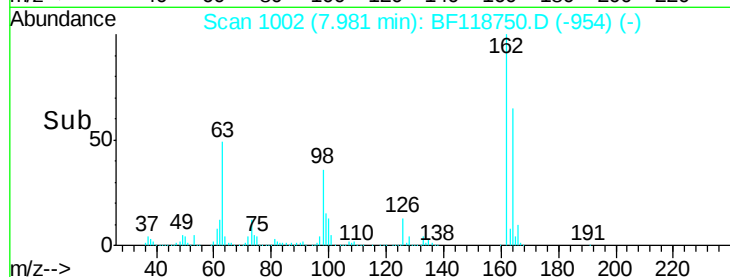
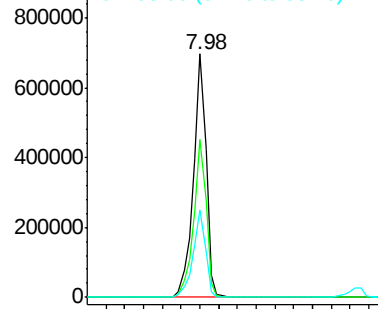
Tot Ion	Ratio	Resp	Lower	Upper
162	100	659548		
164	64.6	43.8	83.8	
98	35.7	15.0	55.0	

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



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



#30

1,2,4-Trichlorobenzene

Concen: 35.794 ng

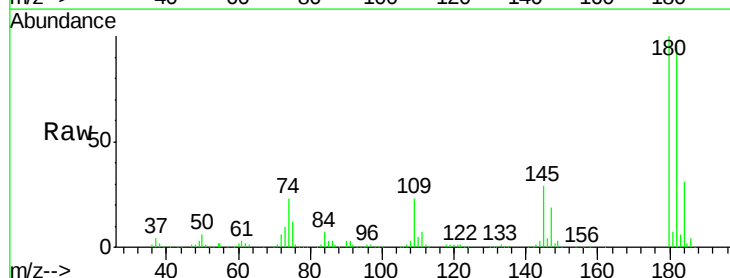
RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

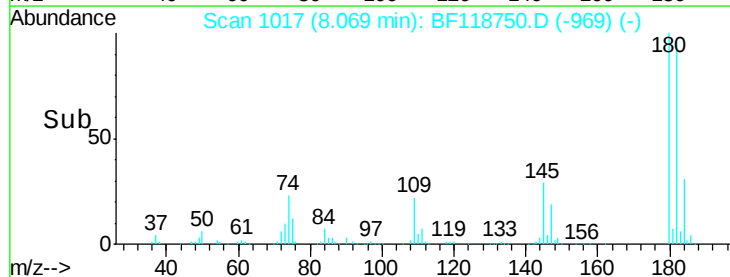
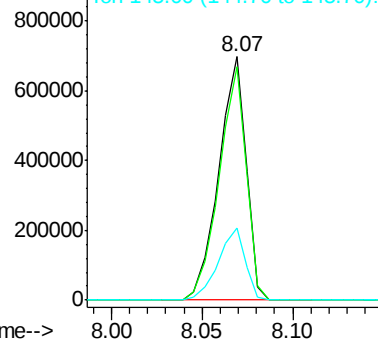
Lab File: BF118750.D

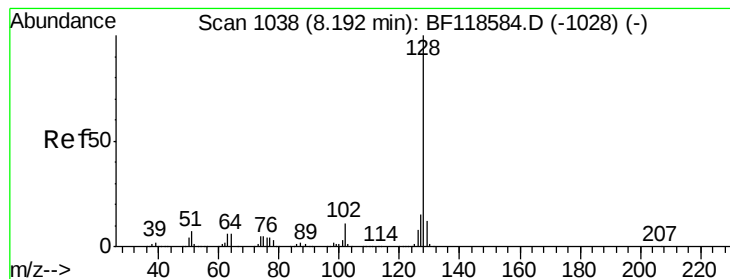
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	729479		
182	96.0	77.0	115.4	
145	29.4	23.5	35.3	



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





#31

Naphthalene

Concen: 38.924 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion:128 Resp: 2073951

Ion Ratio Lower Upper

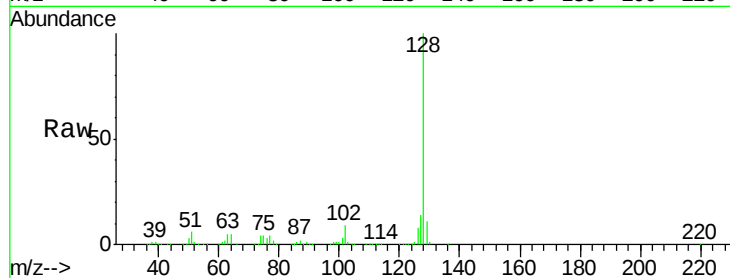
128 100

129 11.3 9.4 14.0

127 14.0 11.3 16.9

Manual Integrations
APPROVED

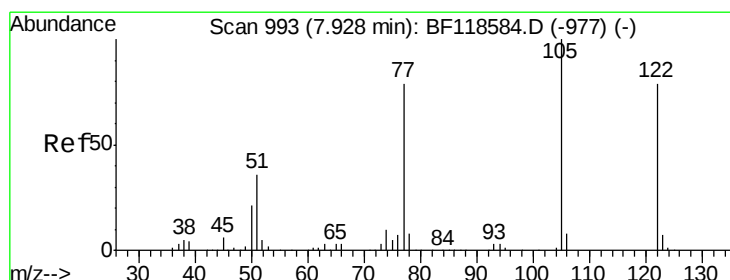
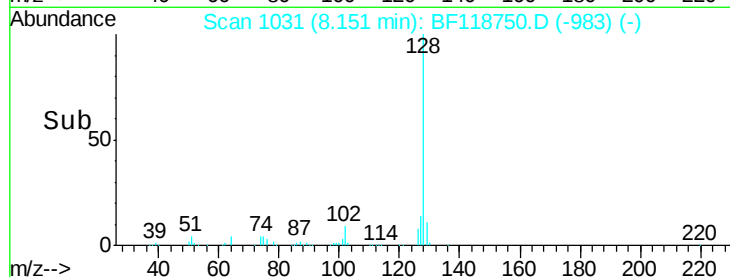
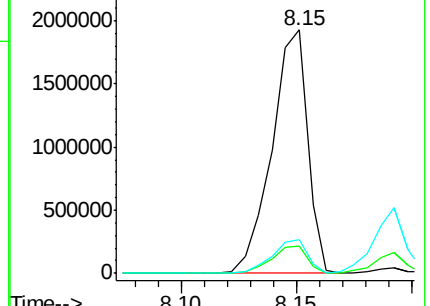
mohammad
2/3/2020 7:56:53 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.279 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

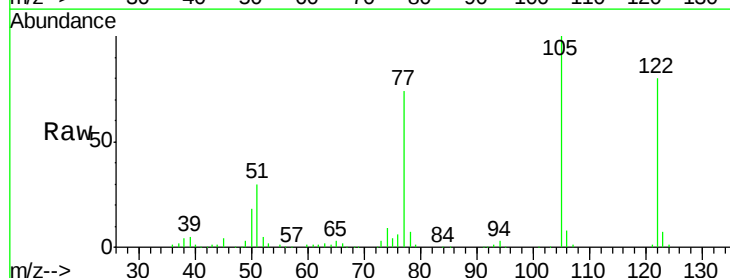
Tgt Ion:122 Resp: 444851

Ion Ratio Lower Upper

122 100

105 124.3 100.9 140.9

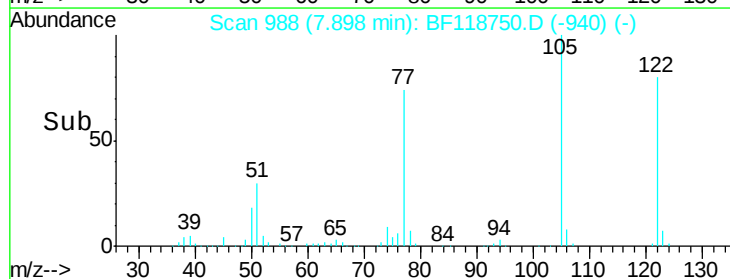
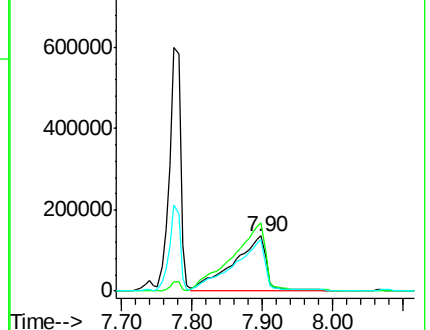
77 92.4 65.1 105.1

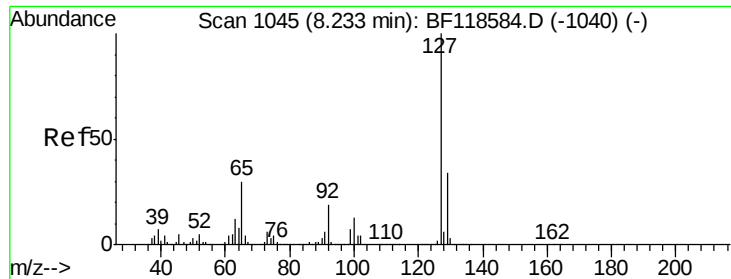


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





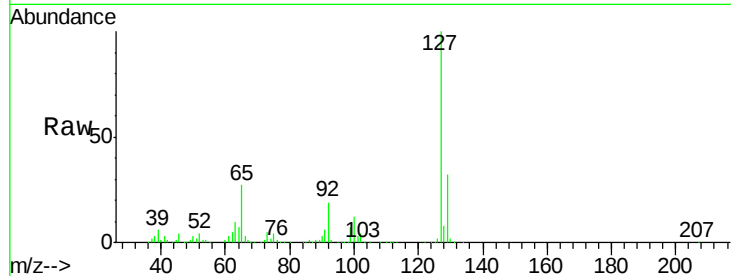
#33
4-Chloroaniline
Concen: 20.006 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

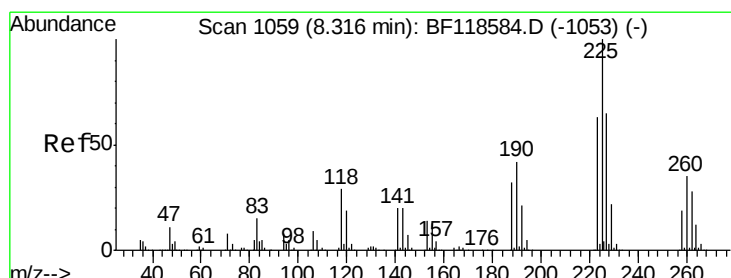
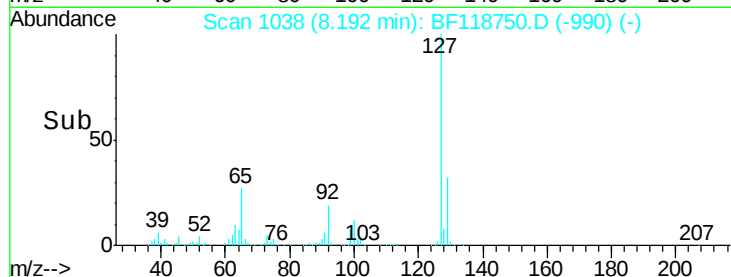
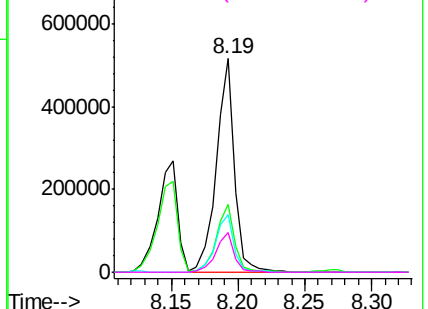
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		492688		
129	32.0	26.4	39.6		
65	26.8	22.6	33.8		
92	18.5	15.3	22.9		

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



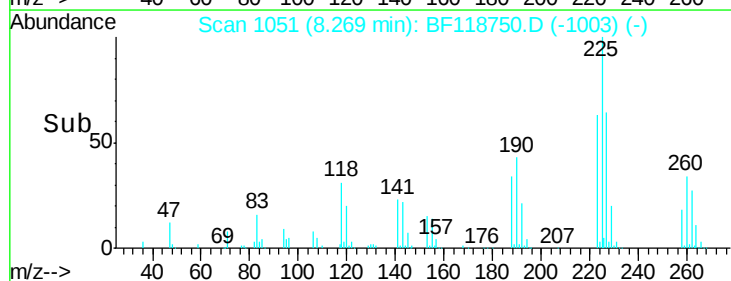
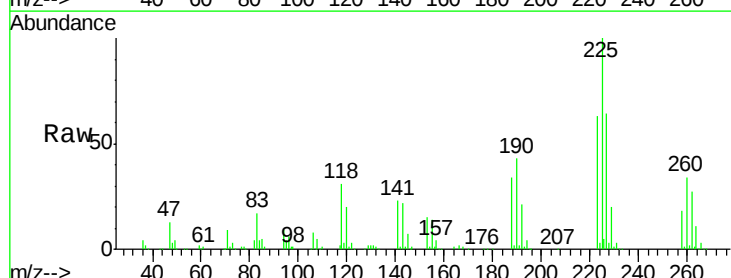
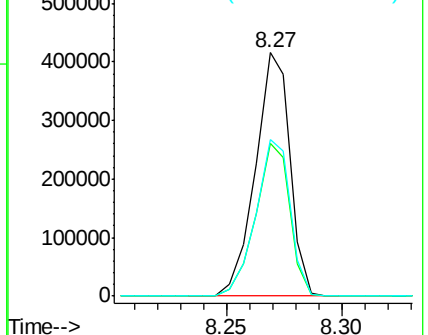
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

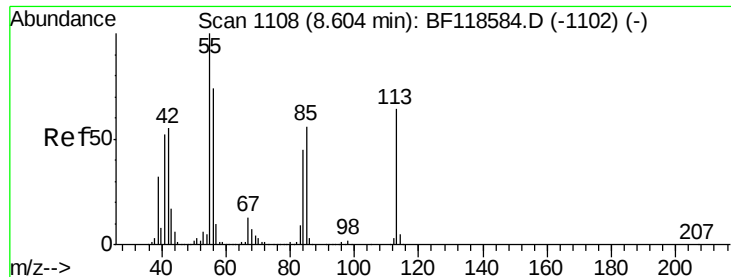


#34
Hexachlorobutadiene
Concen: 34.992 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		434288		
223	62.7	50.3	75.5		
227	64.3	50.5	75.7		

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





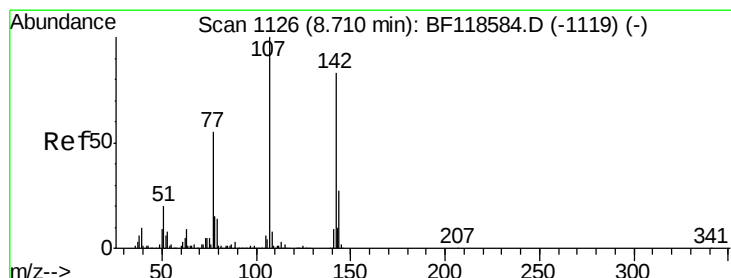
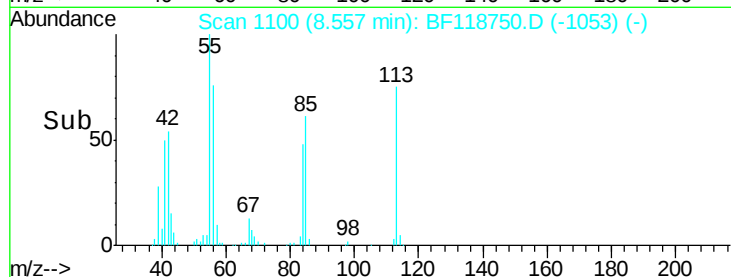
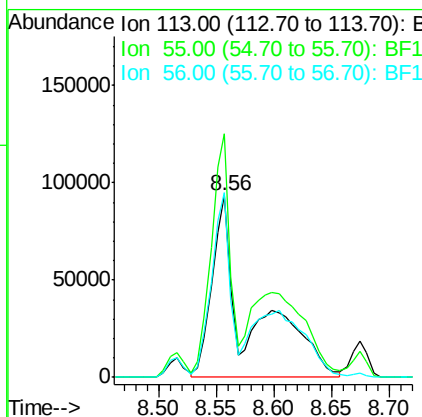
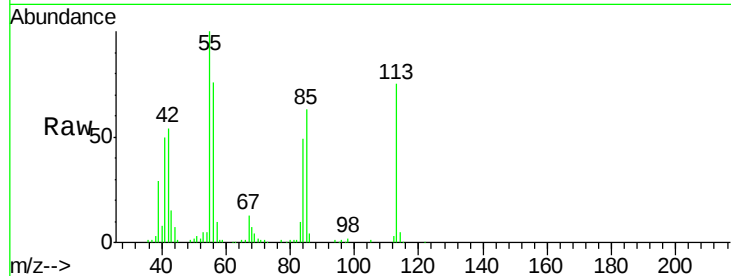
#35
Caprolactam
Concen: 37.064 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213193		
55	133.8	119.0	159.0	
56	101.2	85.4	125.4	

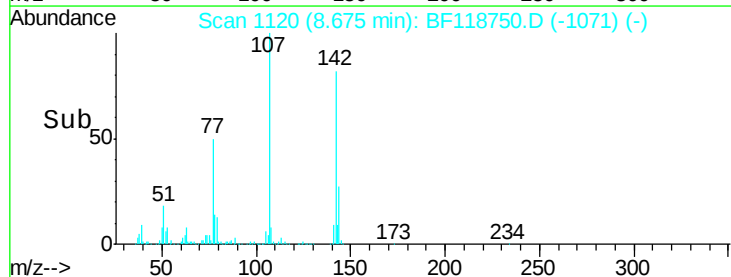
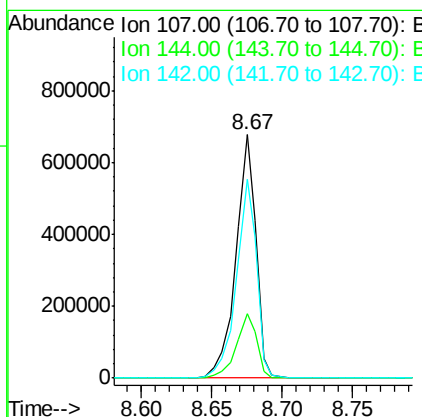
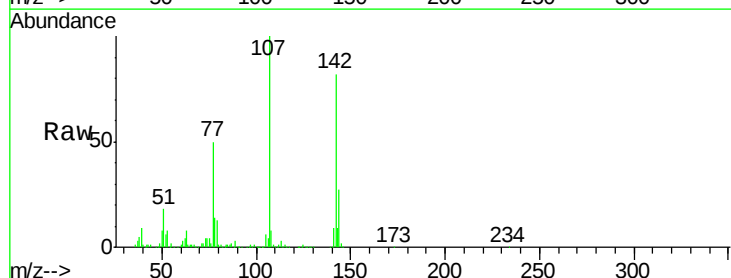
Manual Integrations
APPROVED

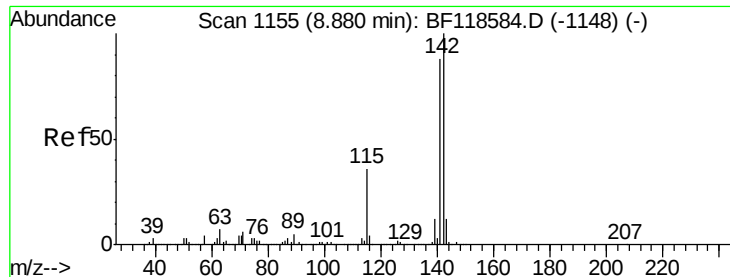
mohammad
2/3/2020 7:56:53 AM



#36
4-Chloro-3-methylphenol
Concen: 38.566 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	669394		
144	26.6	20.9	31.3	
142	81.6	64.5	96.7	





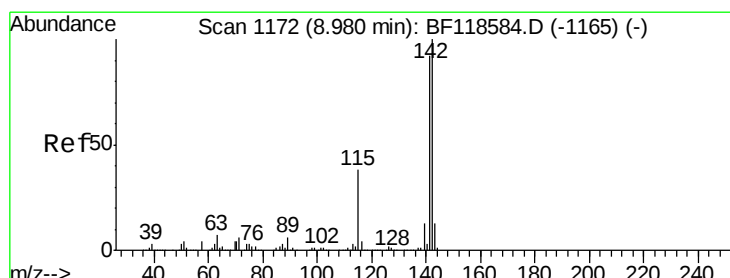
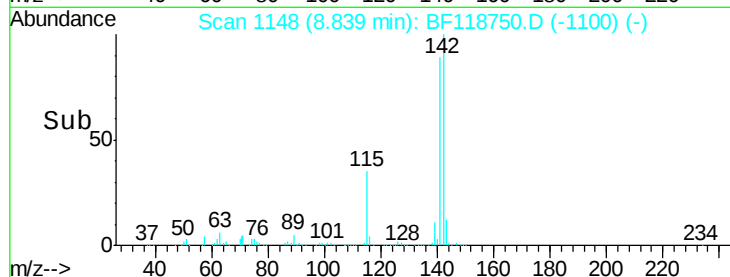
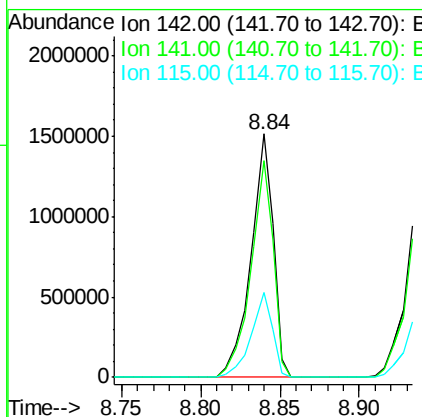
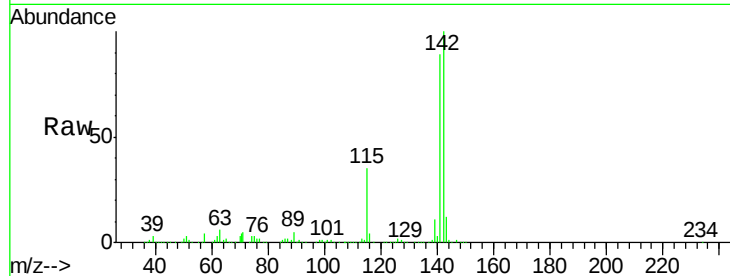
#37
2-Methylnaphthalene
Concen: 39.214 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion:142 Resp: 1474823
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0
115 34.7 27.5 41.3

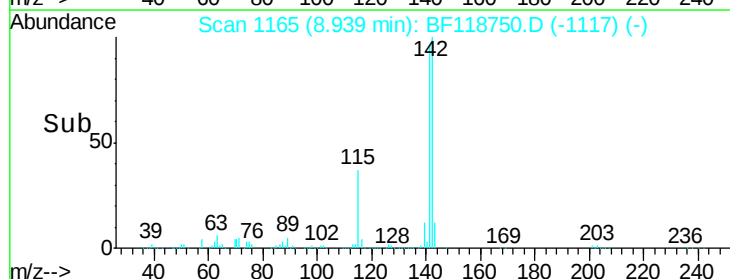
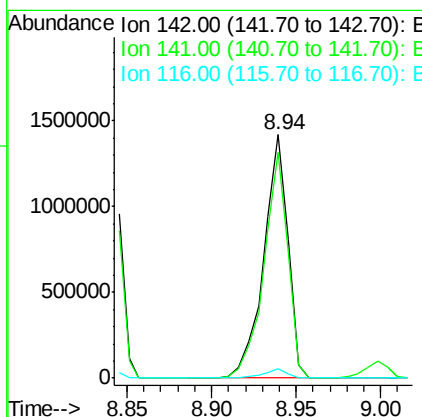
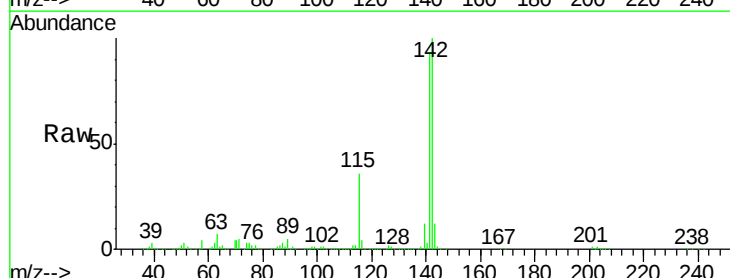
Manual Integrations
APPROVED

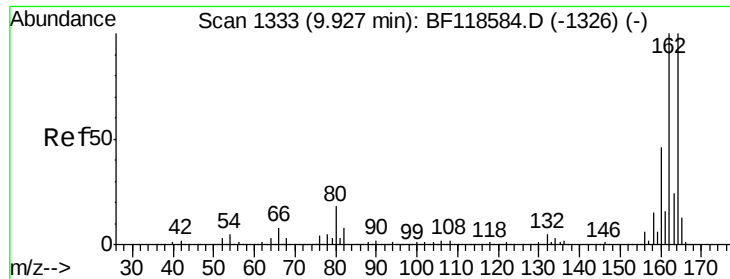
mohammad
2/3/2020 7:56:53 AM



#38
1-Methylnaphthalene
Concen: 38.933 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion:142 Resp: 1391090
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3
116 3.9 3.0 4.6





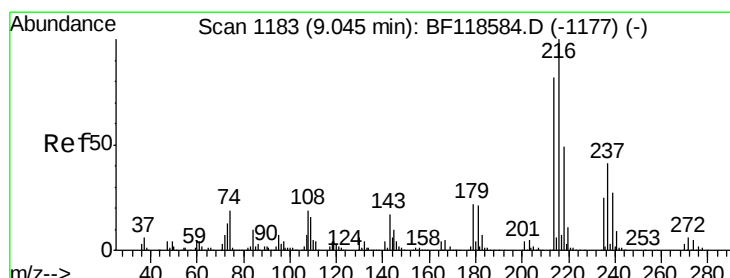
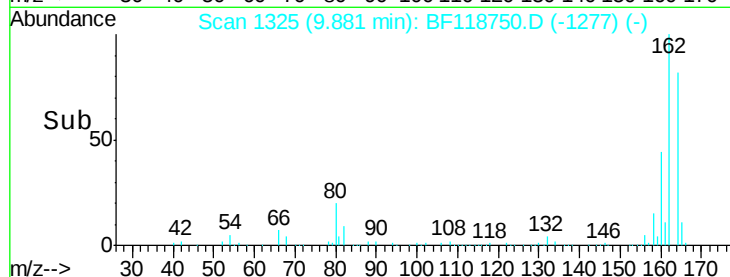
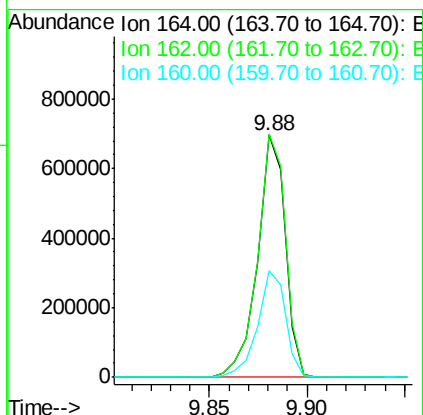
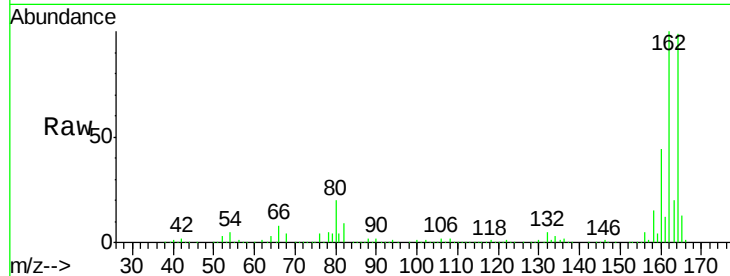
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	44.3	35.4	53.0

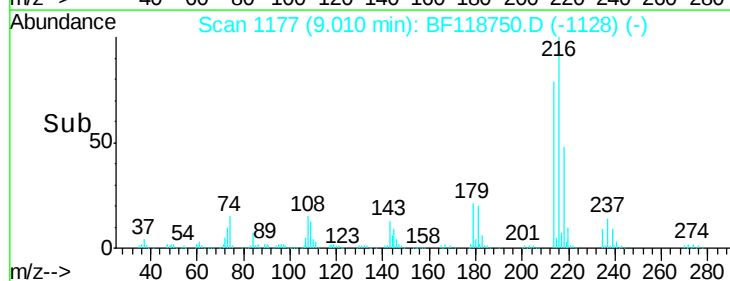
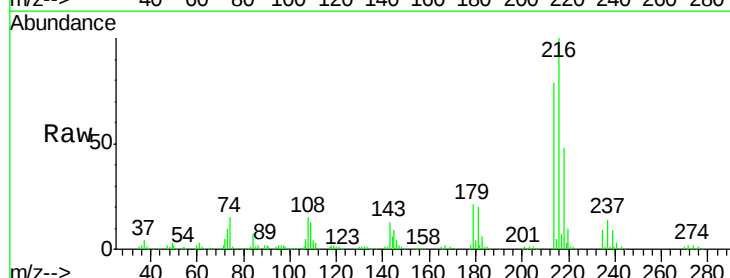
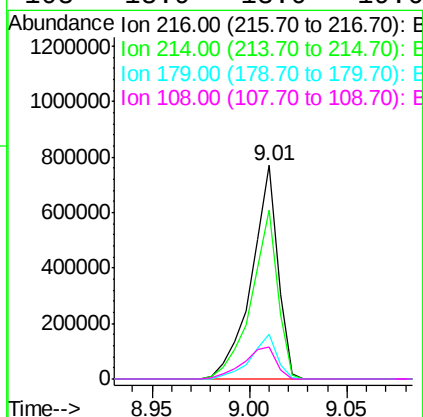
Manual Integrations
APPROVED

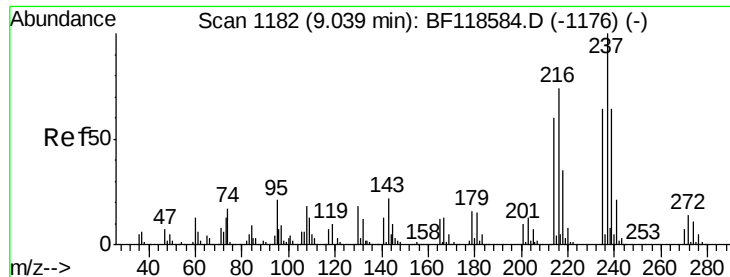
mohammad
2/3/2020 7:56:53 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.519 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	20.8	17.0	25.4
108	18.9	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 78.472 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

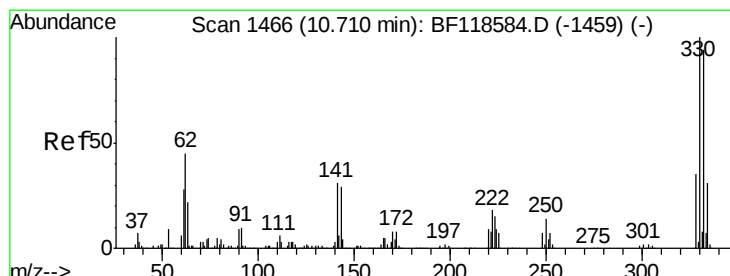
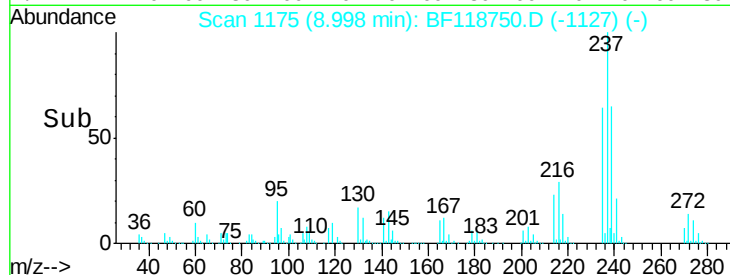
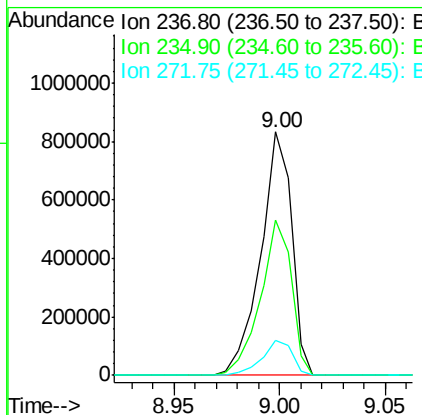
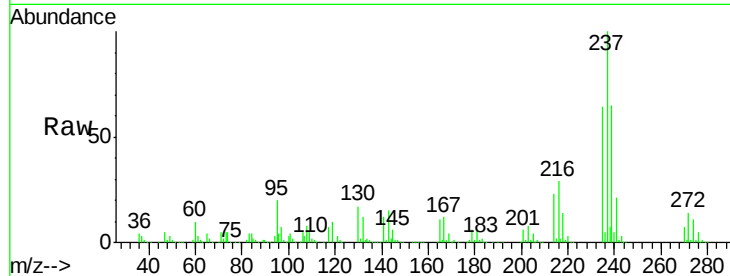
ClientSampleId :

PB126456BS

Tot Ion:	237	Resp:	851048
Ion Ratio		Lower	Upper
237	100		
235	63.8	42.7	82.7
272	14.2	0.0	34.4

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#42

2,4,6-Tribromophenol

Concen: 107.947 ng

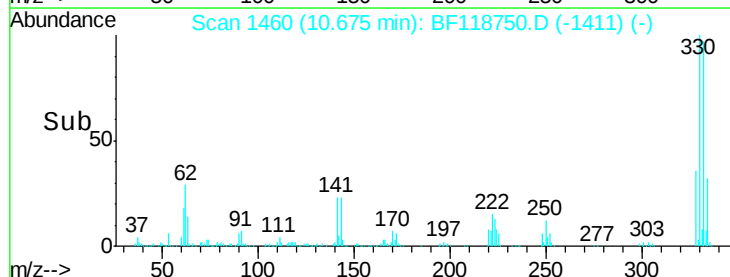
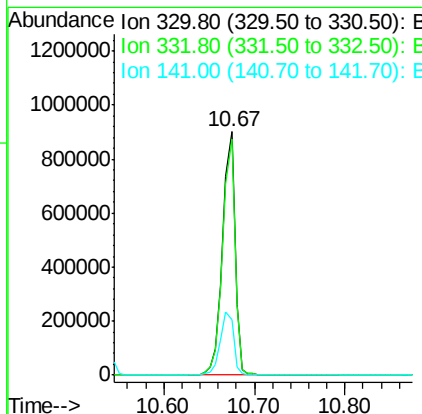
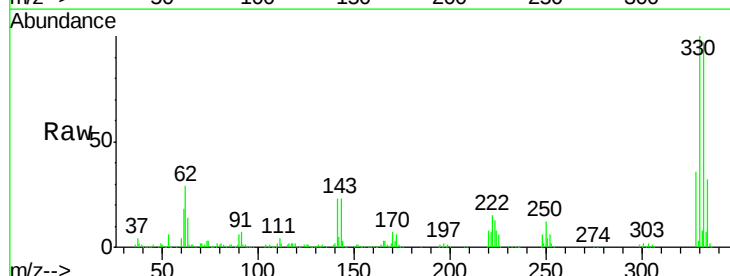
RT: 10.67 min Scan# 1460

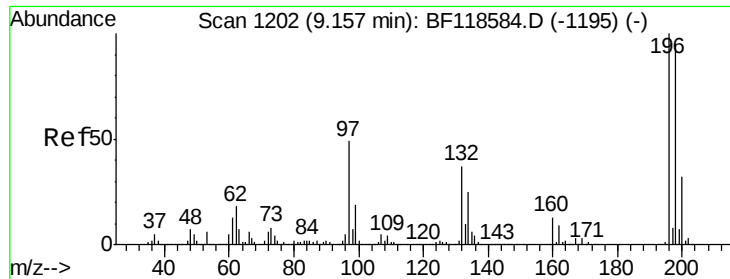
Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	330	Resp:	857746
Ion Ratio		Lower	Upper
330	100		
332	96.6	77.6	116.4
141	27.5	22.2	33.2





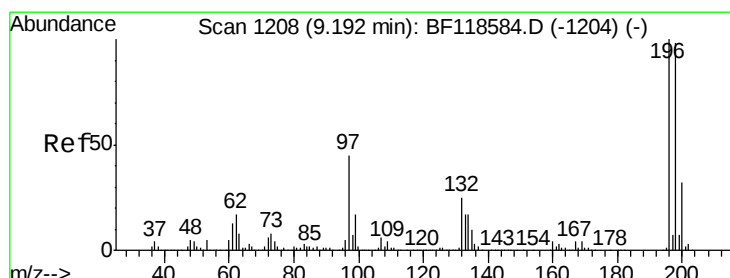
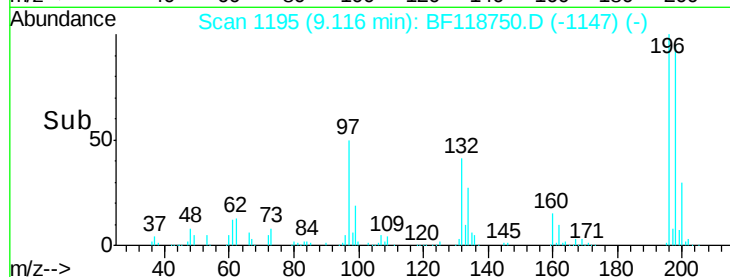
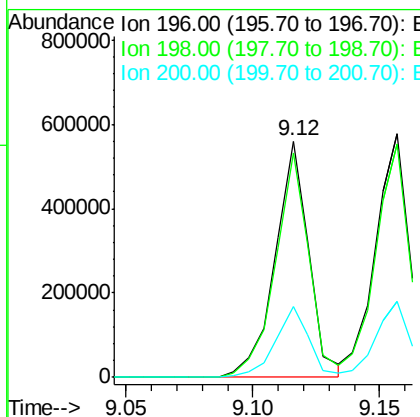
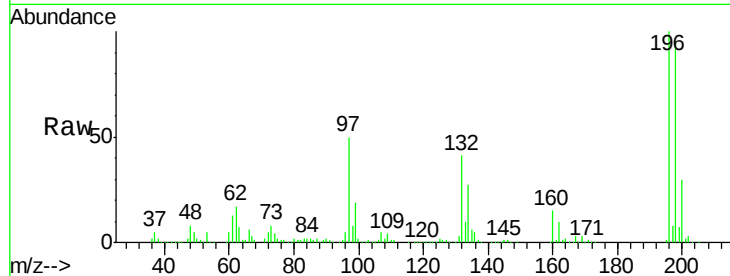
#43
 2,4,6-Trichlorophenol
 Concen: 36.437 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampled :
 PB126456BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	519743		
198	94.8	76.4	114.6	
200	30.3	25.4	38.2	

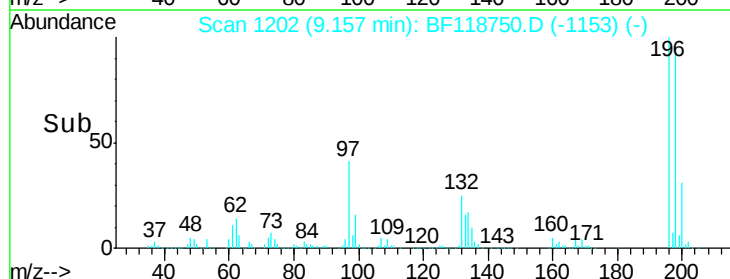
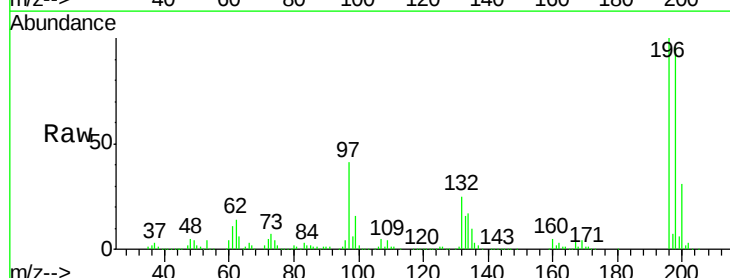
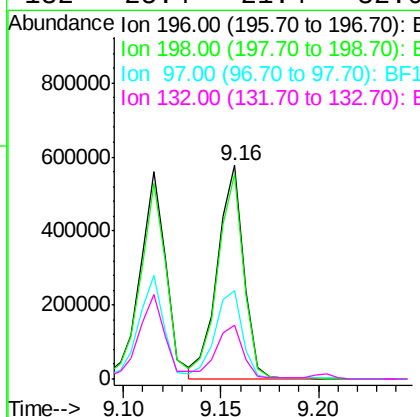
Manual Integrations
 APPROVED

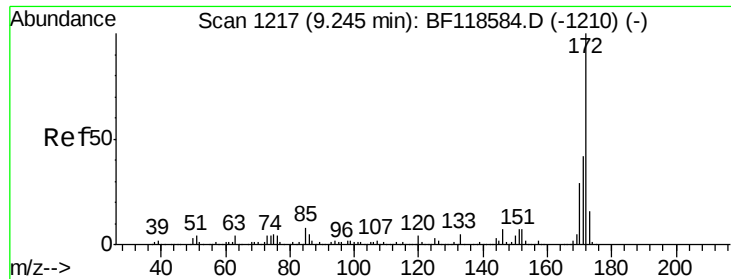
mohammad
 2/3/2020 7:56:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.814 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	536307		
198	95.9	76.2	114.4	
97	41.3	35.7	53.5	
132	25.4	21.4	32.0	





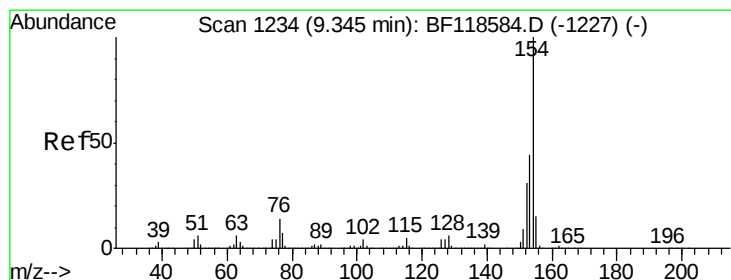
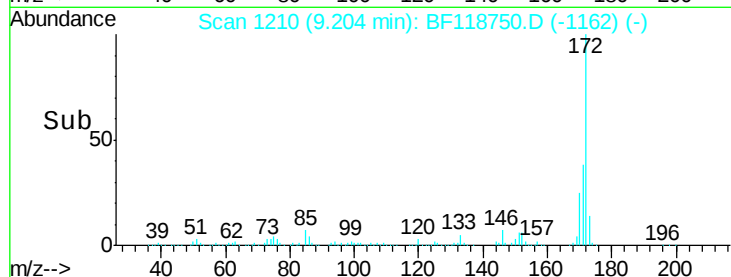
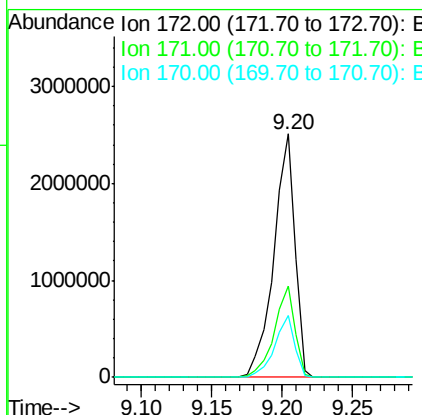
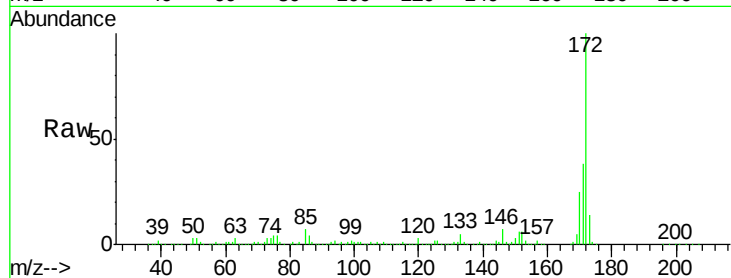
#45
2-Fluorobiphenyl
Concen: 62.956 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion:172 Resp: 2631440
Ion Ratio Lower Upper
172 100
171 37.6 31.0 46.4
170 25.2 20.7 31.1

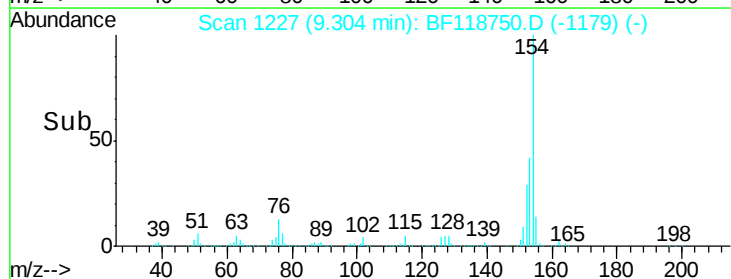
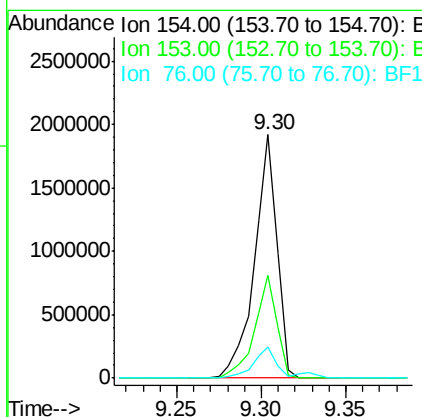
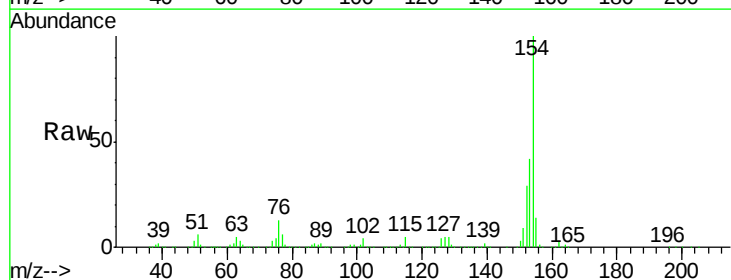
Manual Integrations
APPROVED

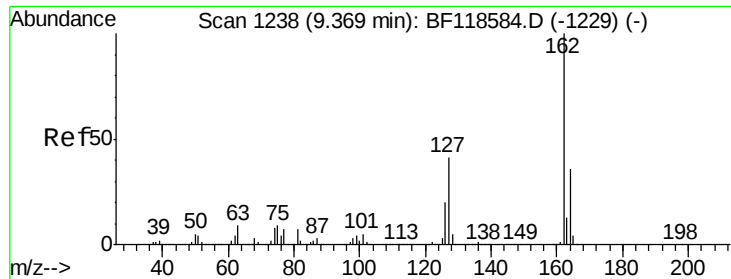
mohammad
2/3/2020 7:56:53 AM



#46
1,1'-Biphenyl
Concen: 37.670 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion:154 Resp: 1783587
Ion Ratio Lower Upper
154 100
153 42.1 22.3 62.3
76 12.8 0.0 32.0





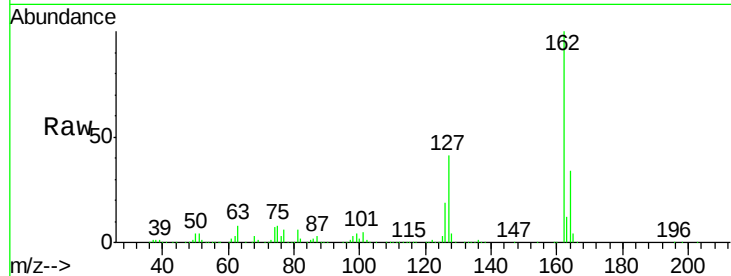
#47
 2-Chloronaphthalene
 Concen: 36.114 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

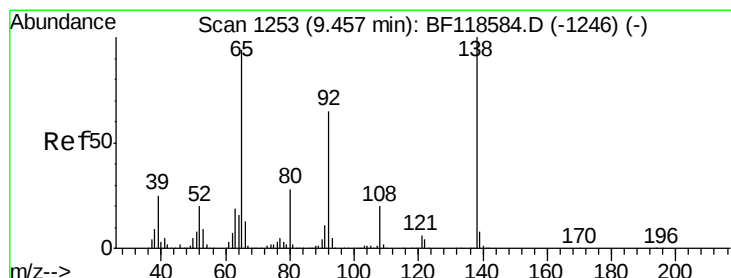
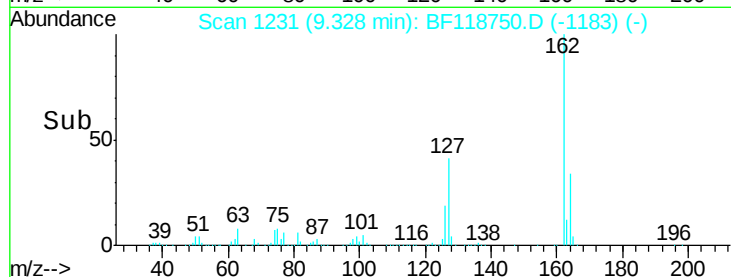
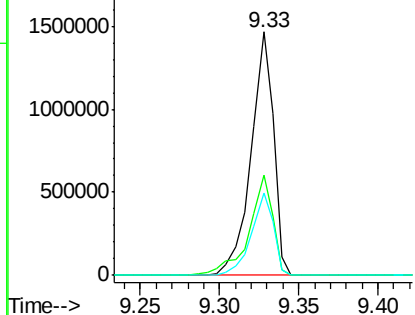
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.9	49.3
164	33.6	27.5	41.3

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:56:53 AM



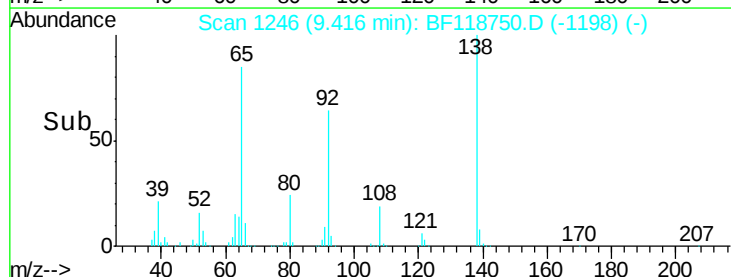
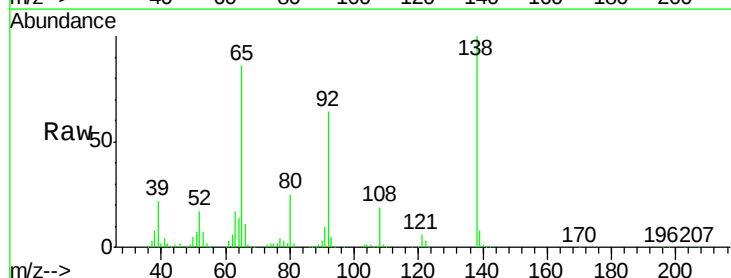
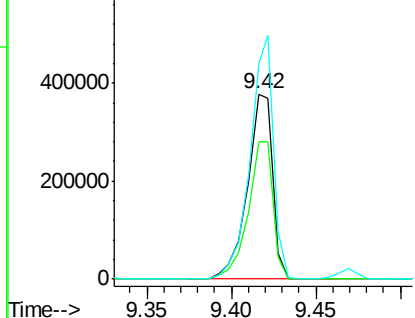
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

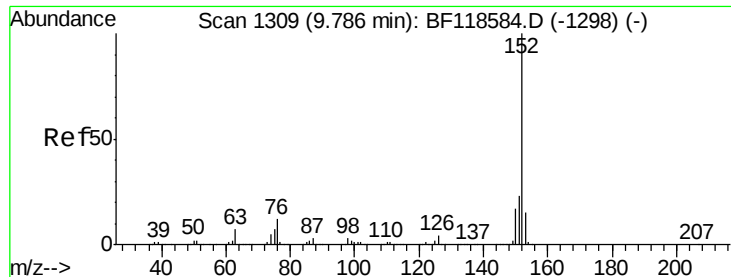


#48
 2-Nitroaniline
 Concen: 32.289 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.8	86.6
138	116.4	95.1	142.7

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





#49

Acenaphthylene

Concen: 39.598 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

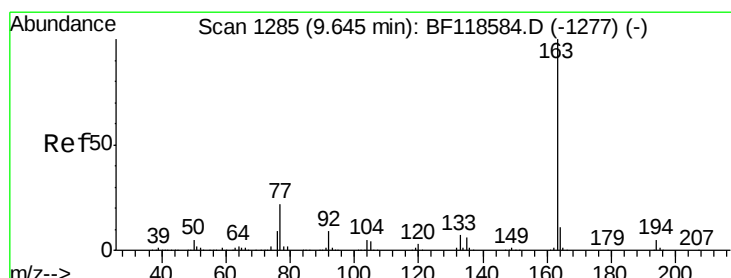
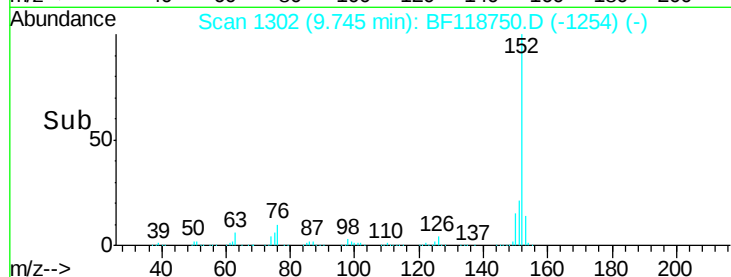
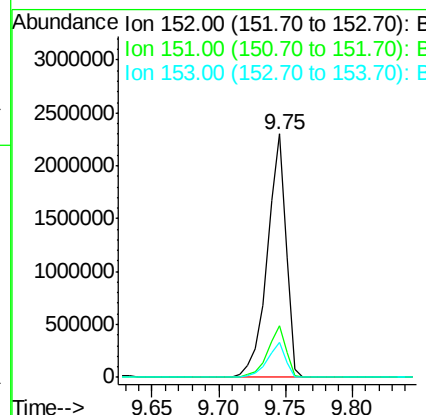
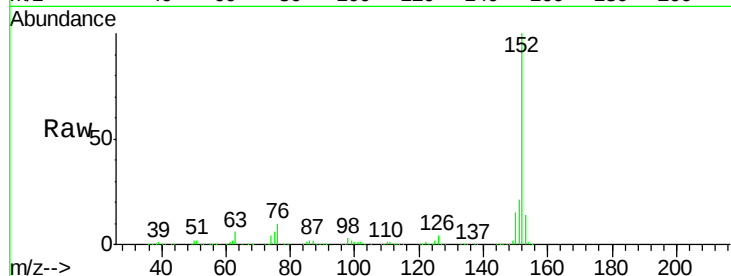
ClientSampleId :

PB126456BS

Tot Ion:	152	Resp:	2223151
Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.2	11.0	16.4

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#50

Dimethylphthalate

Concen: 38.667 ng

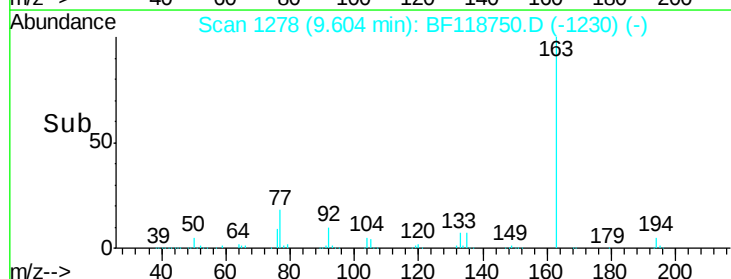
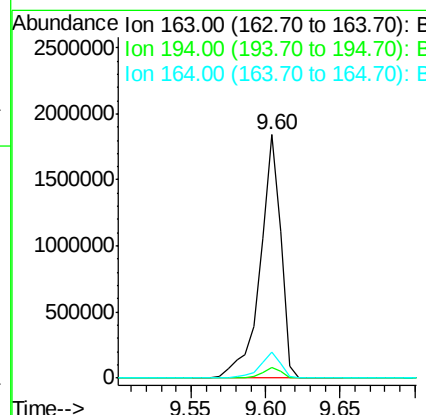
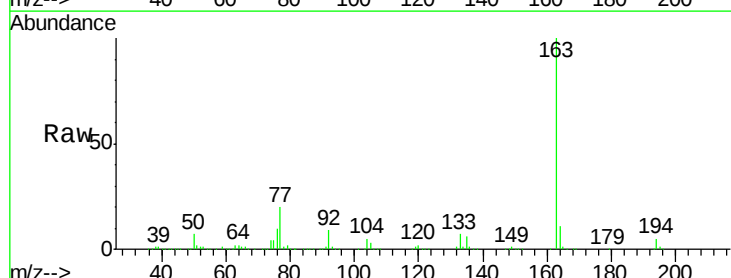
RT: 9.60 min Scan# 1278

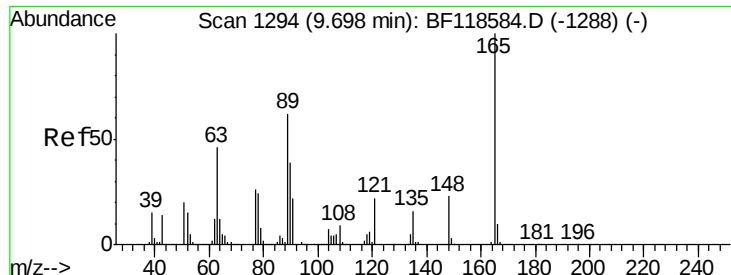
Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	163	Resp:	1730695
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.8	8.2	12.2





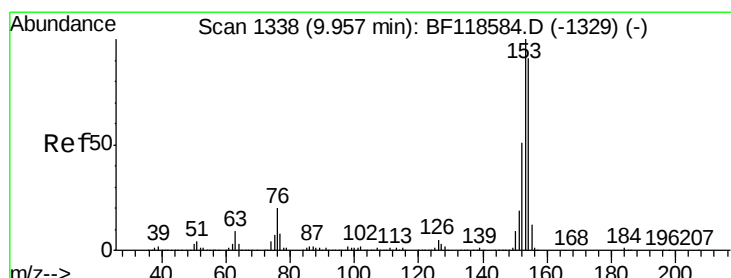
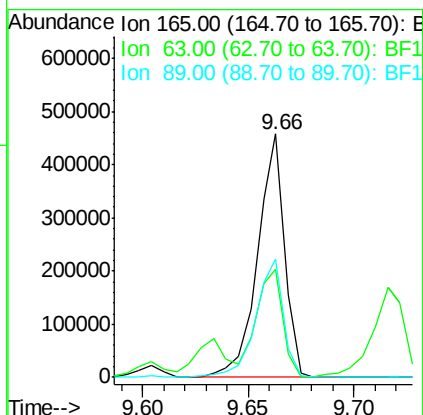
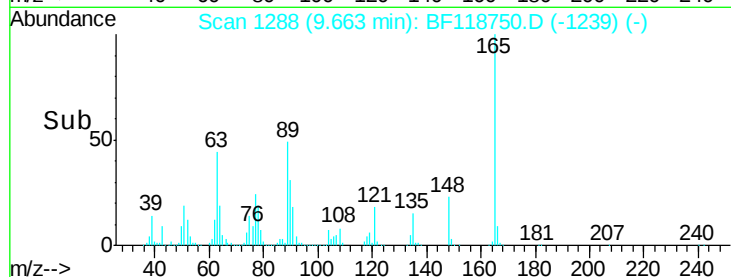
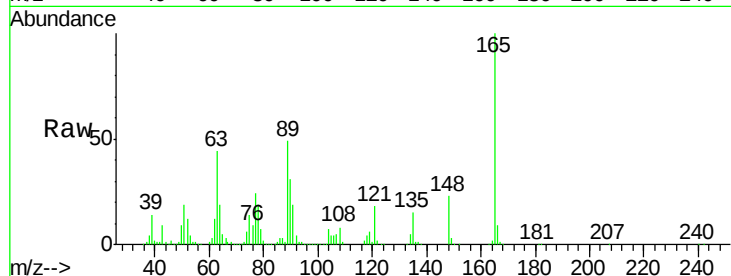
#51
2,6-Dinitrotoluene
Concen: 40.502 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	405943		
63	44.2	39.8	59.6	
89	48.6	41.4	62.2	

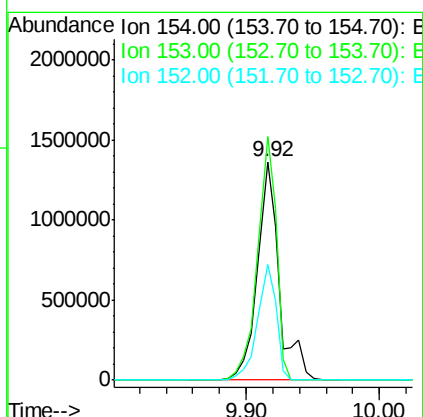
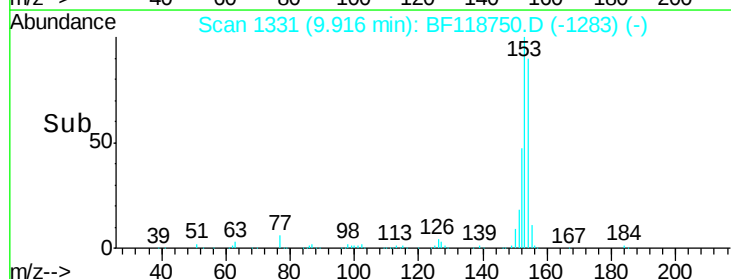
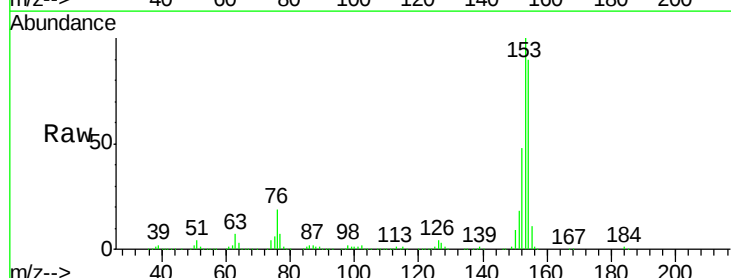
Manual Integrations
APPROVED

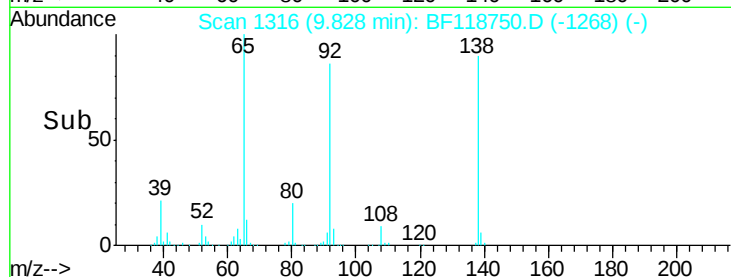
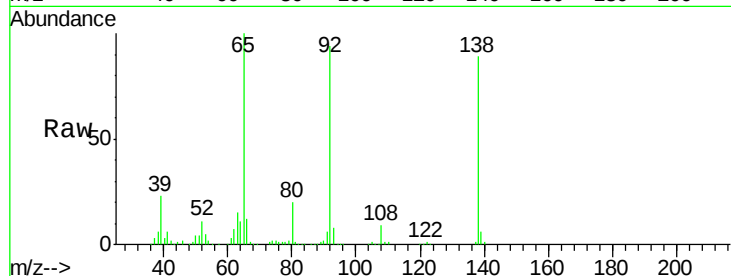
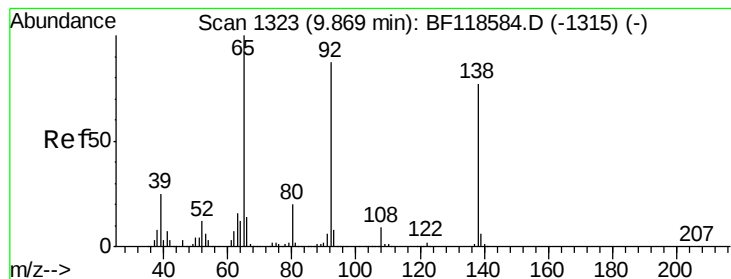
mohammad
2/3/2020 7:56:53 AM



#52
Acenaphthene
Concen: 40.664 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1526581		
153	111.4	89.1	133.7	
152	53.0	43.0	64.6	





#53

3-Nitroaniline

Concen: 23.729 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tot Ion:	138	Resp:	271575
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.8	13.2
92	105.6	87.8	131.6

Instrument :

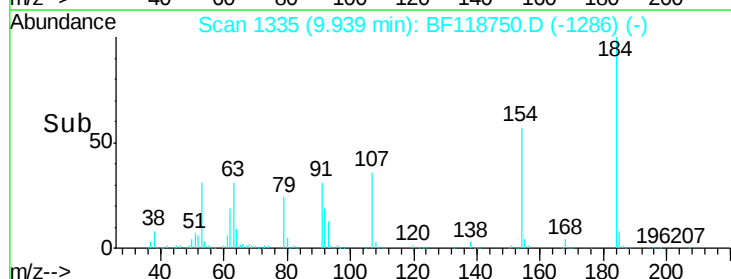
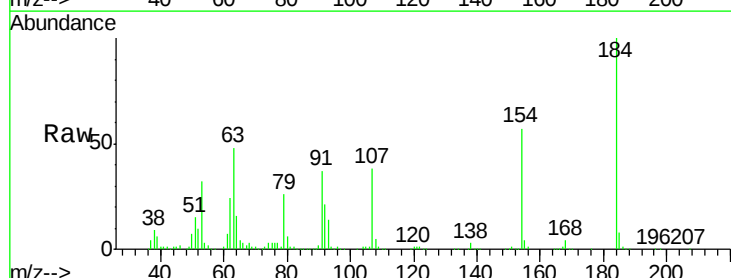
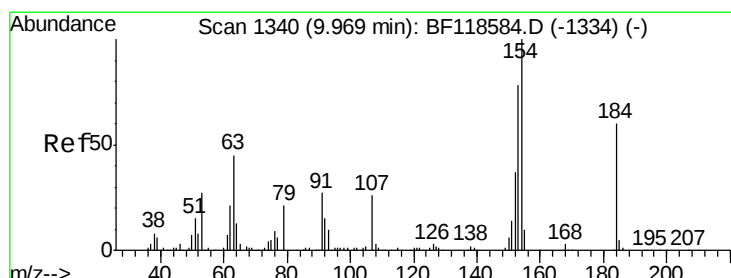
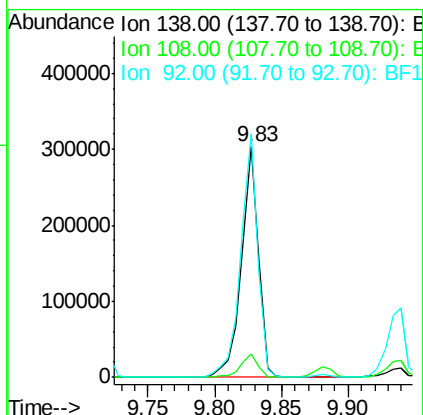
BNA_F

ClientSampleId :

PB126456BS

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#54

2,4-Dinitrophenol

Concen: 97.537 ng

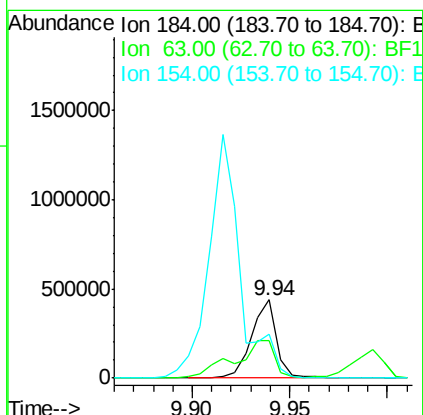
RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	184	Resp:	390278
Ion Ratio	Lower	Upper	
184	100		
63	48.0	36.0	54.0
154	56.6	44.6	66.8





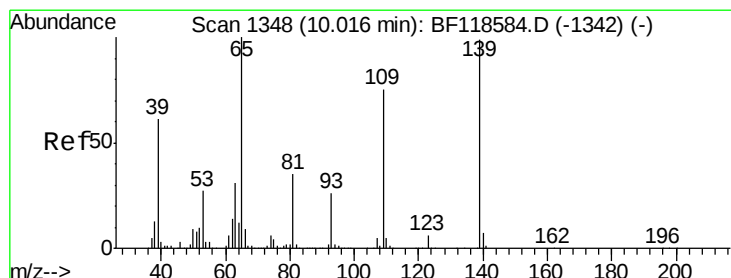
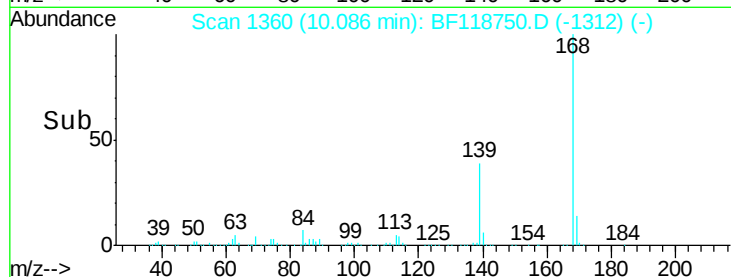
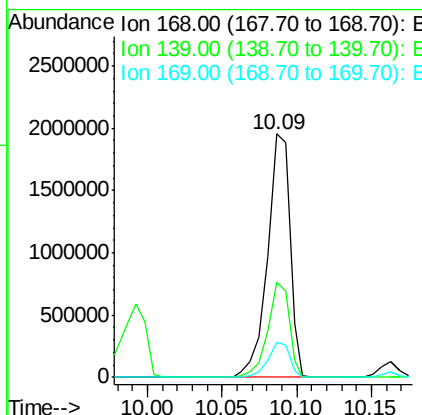
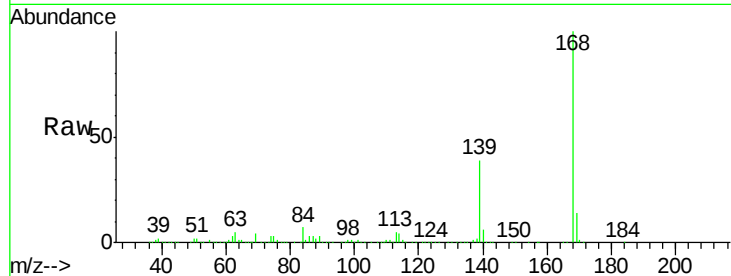
#55
Dibenzofuran
Concen: 39.105 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampled :
PB126456BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.6	47.4
169	14.4	11.4	17.0

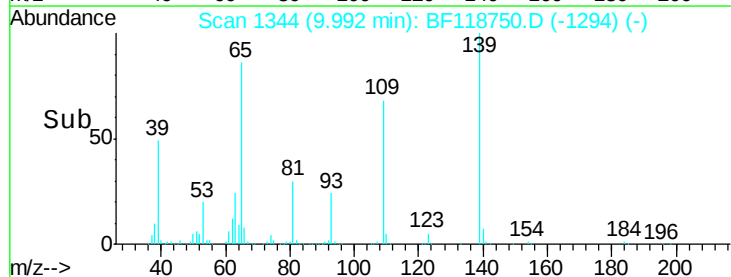
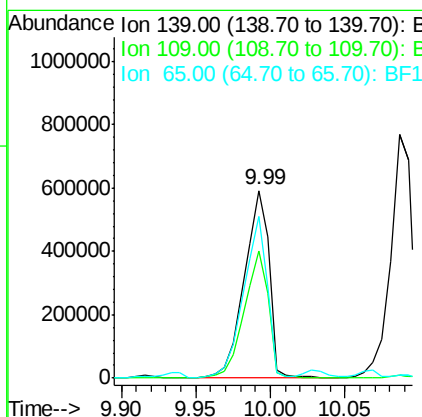
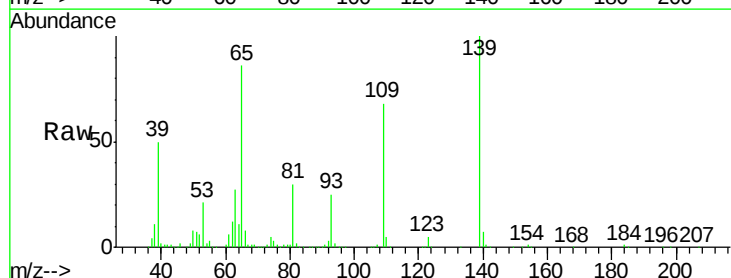
Manual Integrations
APPROVED

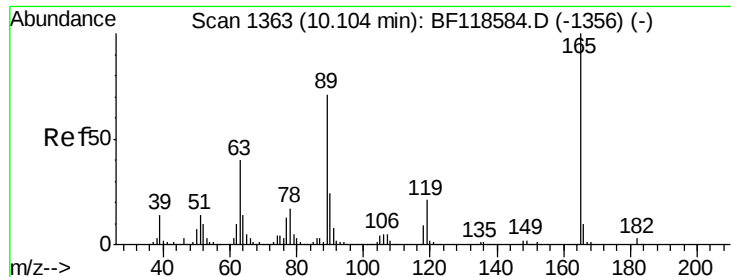
mohammad
2/3/2020 7:56:53 AM



#56
4-Nitrophenol
Concen: 78.585 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	47.0	87.0
65	86.0	65.7	105.7





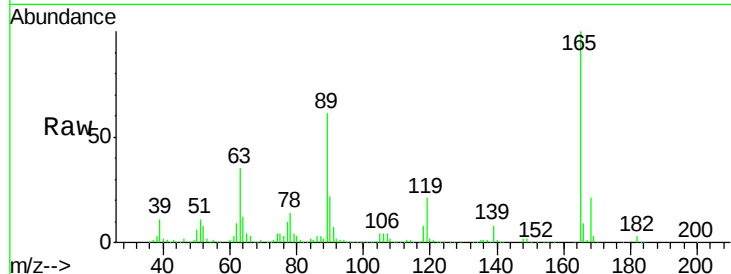
#57
2,4-Dinitrotoluene
Concen: 42.720 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	539775		
63	34.8	28.5	42.7	
89	61.3	50.4	75.6	
182	3.3	2.3	3.5	

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM

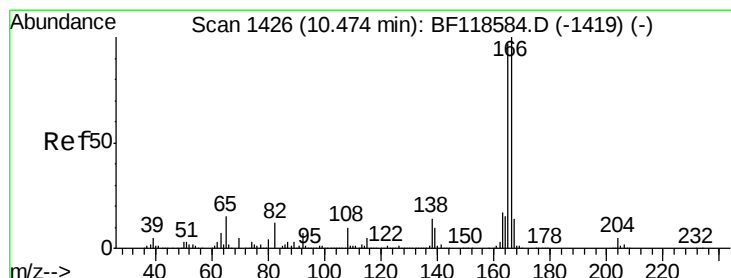
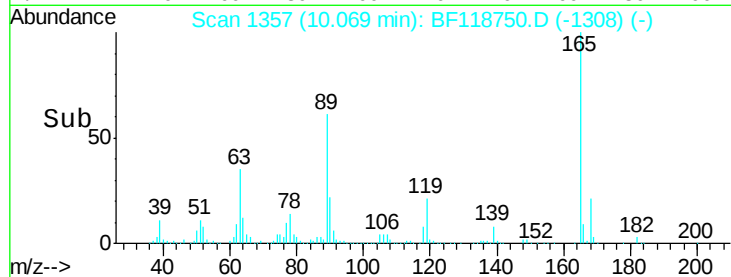
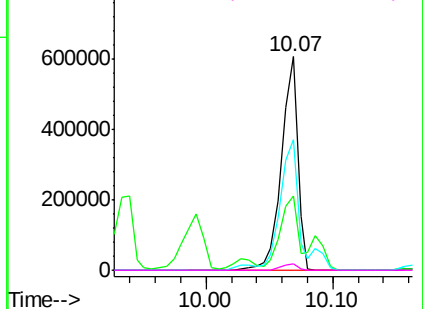


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

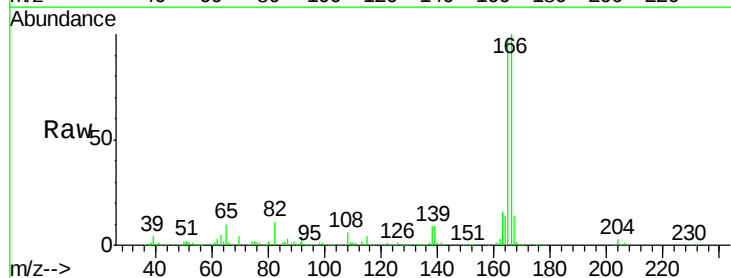
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.604 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

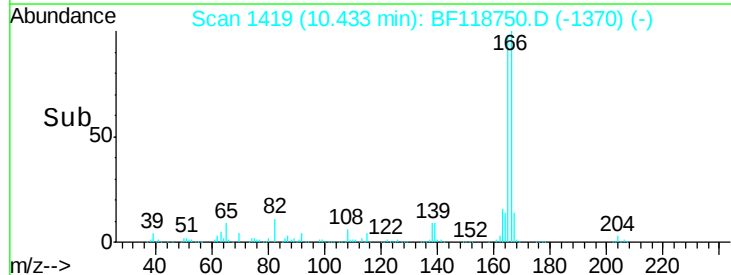
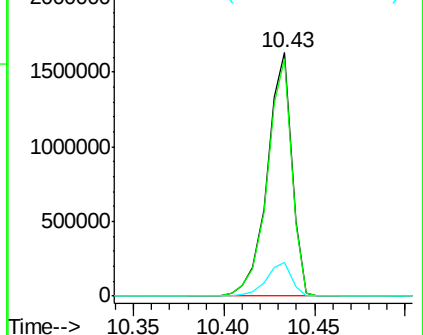
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1535819		
165	97.5	78.6	118.0	
167	13.6	11.4	17.2	

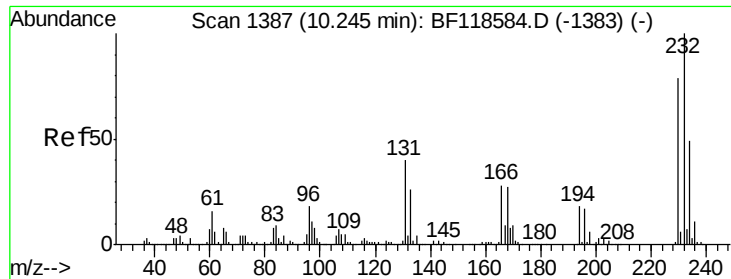


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





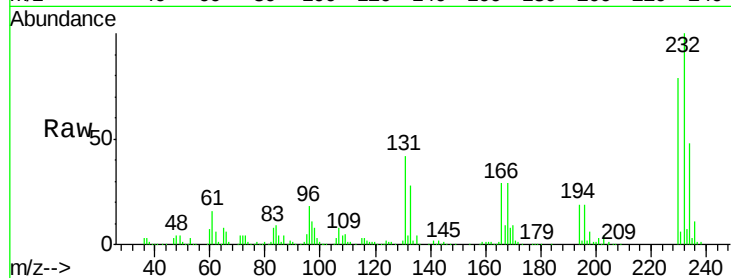
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.872 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

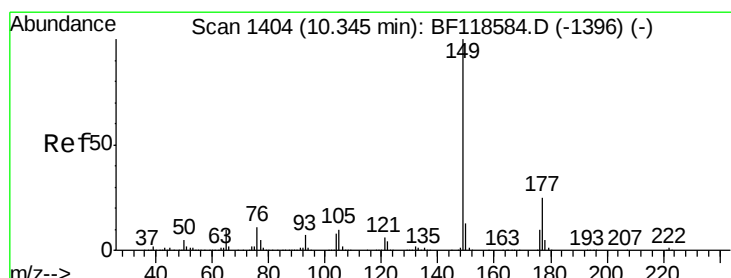
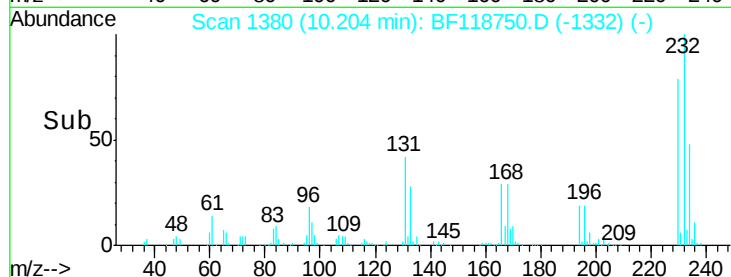
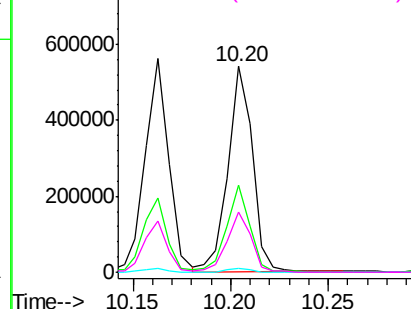
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	31.8	47.6
130	2.0	1.5	2.3
166	28.9	22.8	34.2

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:56:53 AM

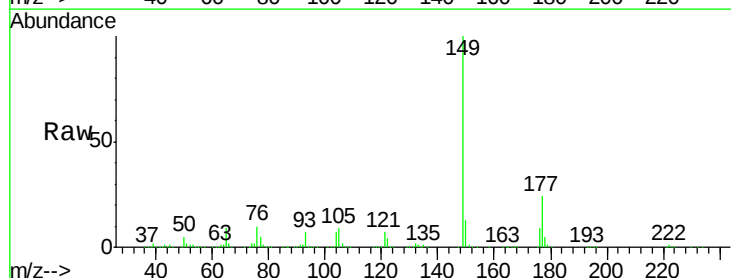


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

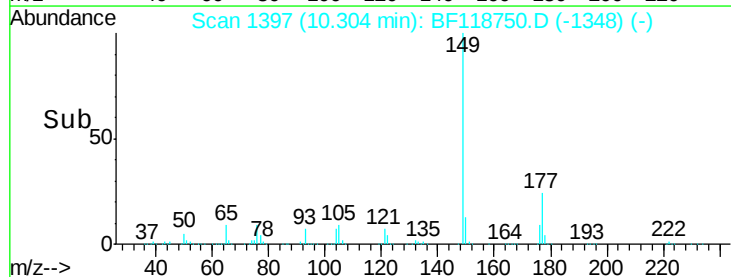
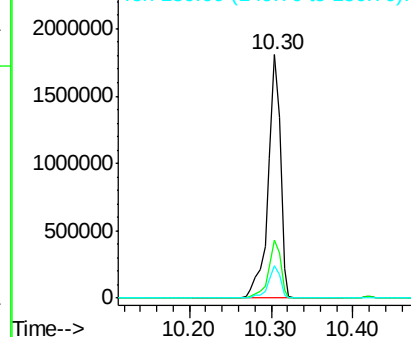


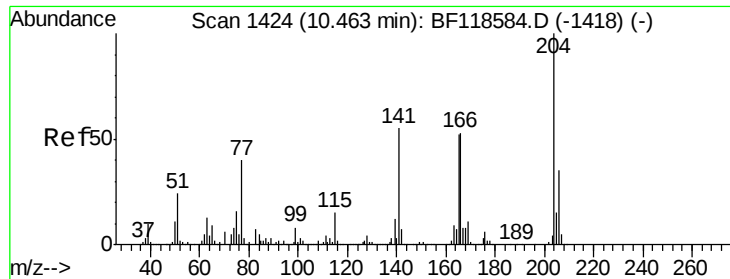
#60
 Diethylphthalate
 Concen: 42.876 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	13.3	10.5	15.7



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





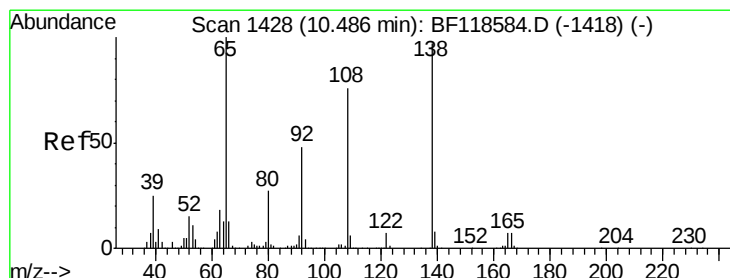
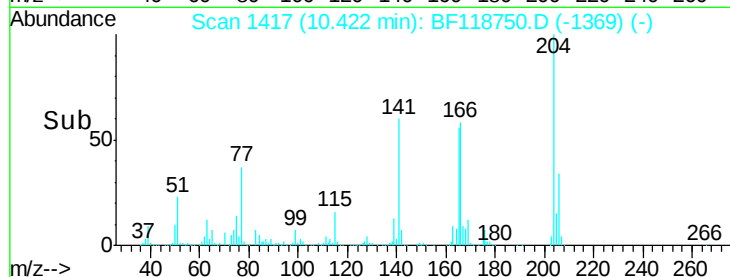
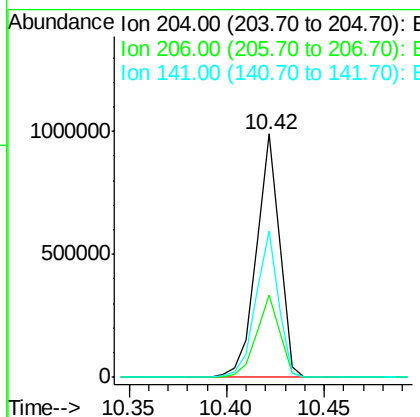
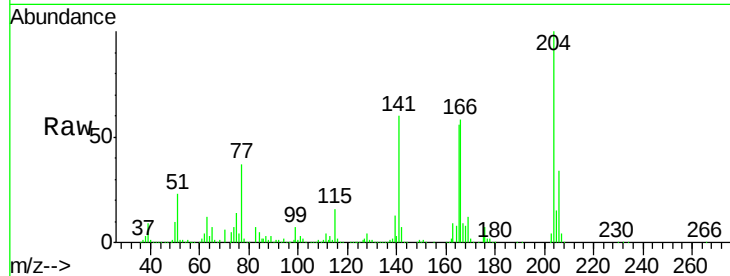
#61
 4-Chlorophenyl-phenylether
 Concen: 36.817 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampled :
 PB126456BS

Tot Ion:	204	Resp:	817815
Ion Ratio	Lower	Upper	
204	100		
206	33.9	27.0	40.6
141	60.2	43.9	65.9

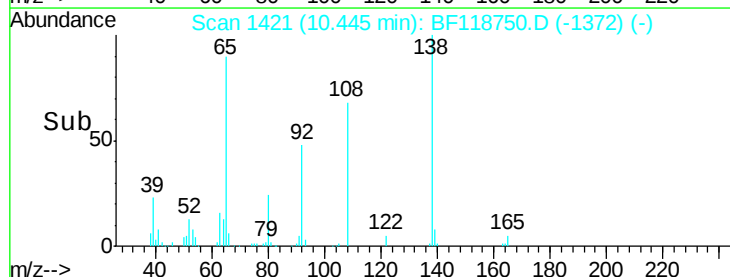
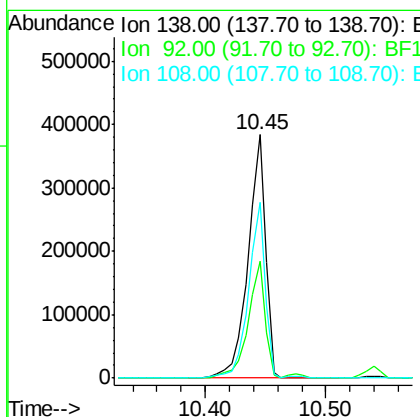
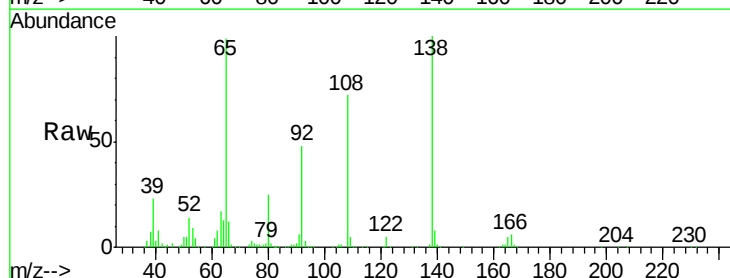
Manual Integrations
 APPROVED

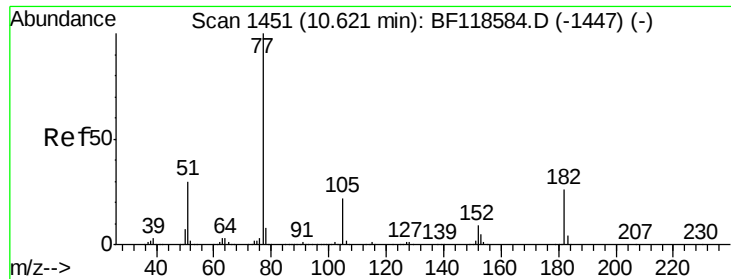
mohammad
 2/3/2020 7:56:53 AM



#62
 4-Nitroaniline
 Concen: 33.459 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion:	138	Resp:	392786
Ion Ratio	Lower	Upper	
138	100		
92	48.2	29.2	69.2
108	72.0	50.8	90.8





#63

Azobenzene

Concen: 36.027 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion: 77 Resp: 1514172

Ion Ratio Lower Upper

77 100

182 29.5 12.3 52.3

105 23.1 4.0 44.0

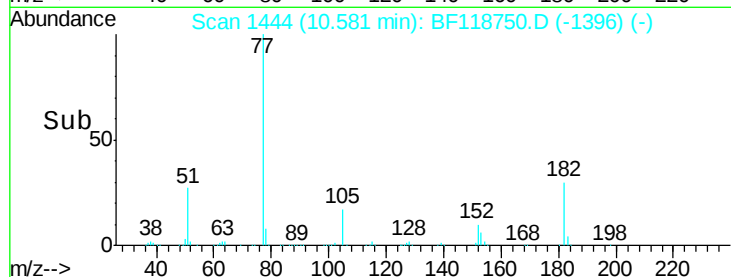
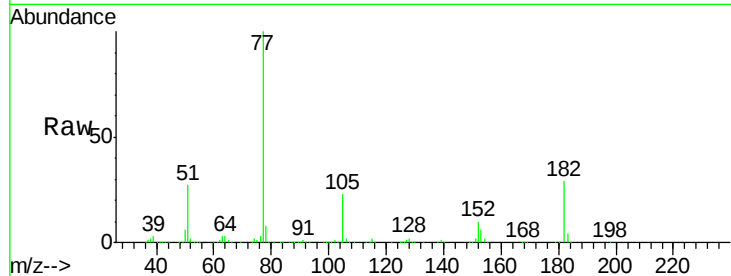
51 27.4 7.2 47.2

Manual Integrations

APPROVED

mohammad

2/3/2020 7:56:53 AM

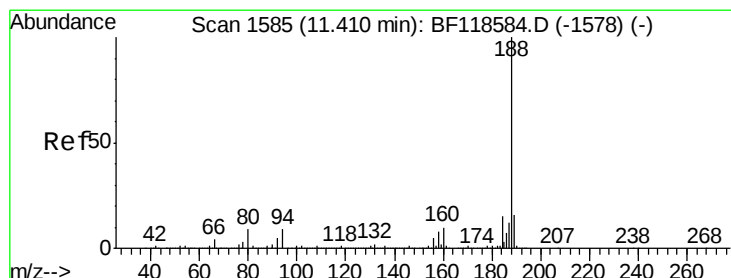
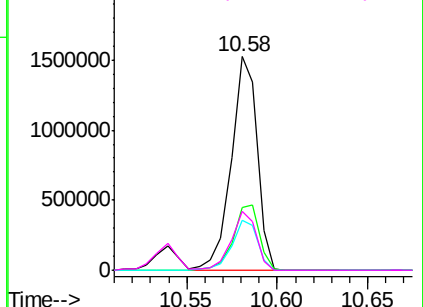


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

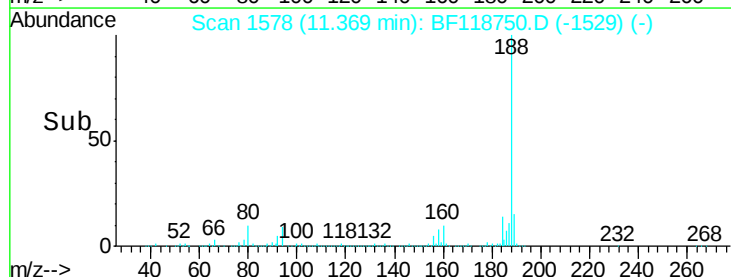
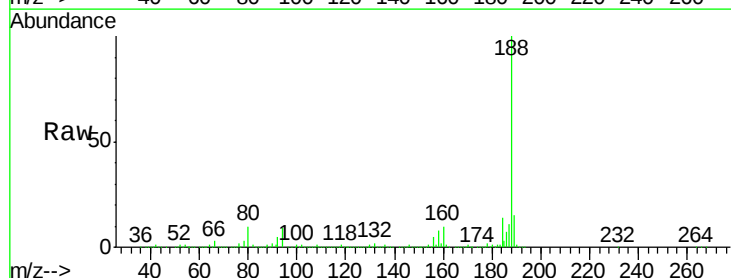
Tgt Ion: 188 Resp: 1306651

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

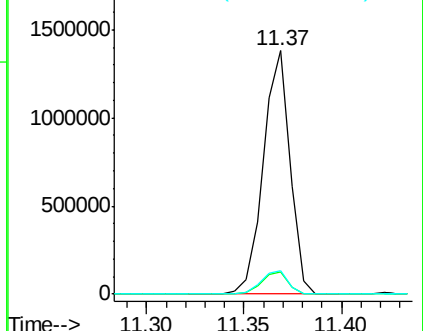
80 9.8 7.8 11.8

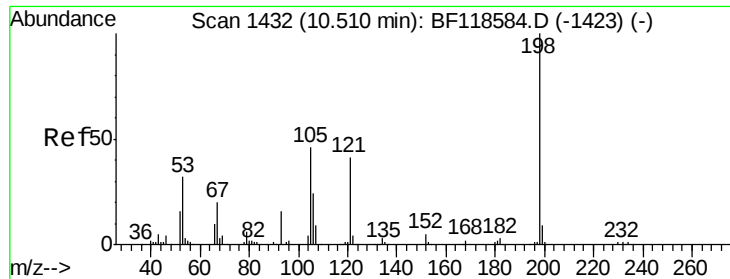


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





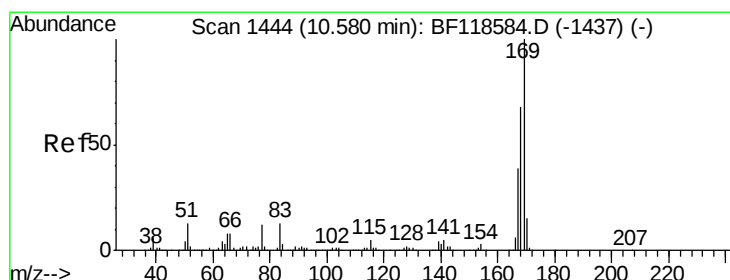
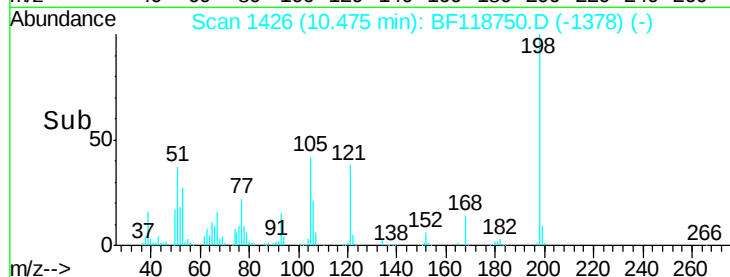
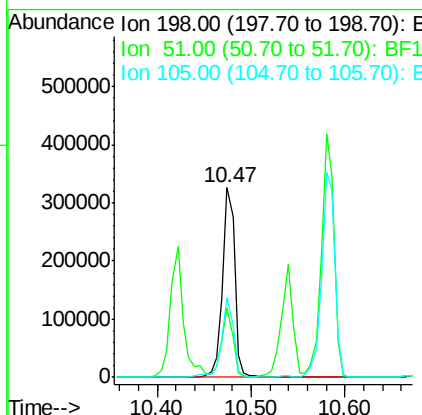
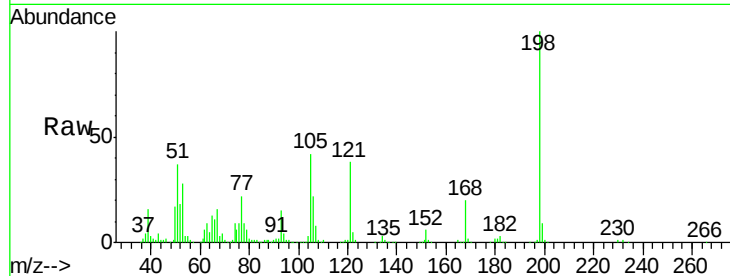
#65
4,6-Dinitro-2-methylphenol
Concen: 51.859 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampled :
PB126456BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	297964		
51	37.0	9.6	49.6	
105	41.8	15.5	55.5	

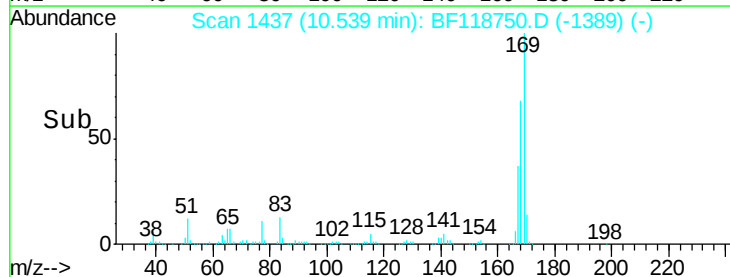
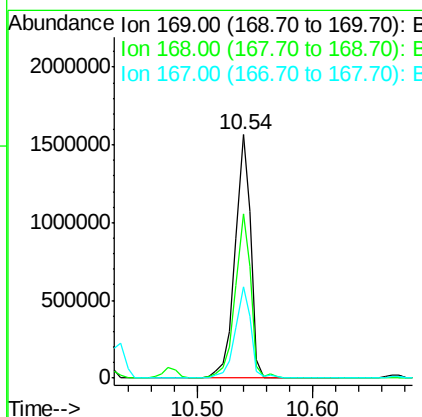
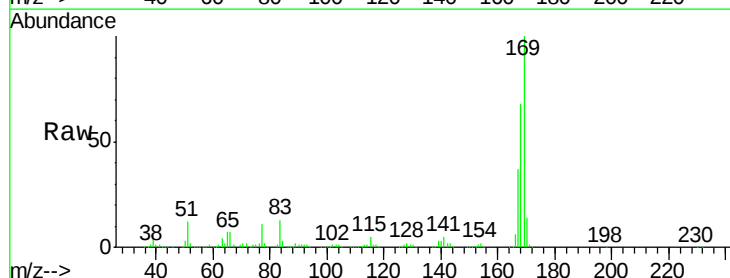
Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#66
n-Nitrosodiphenylamine
Concen: 36.928 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1455166		
168	67.6	53.4	80.0	
167	37.3	29.2	43.8	





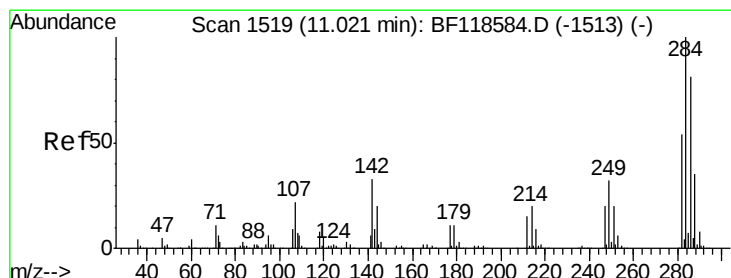
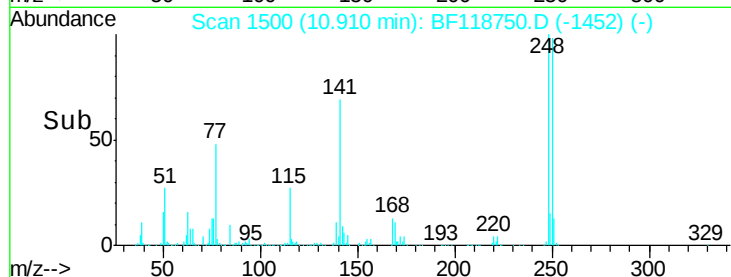
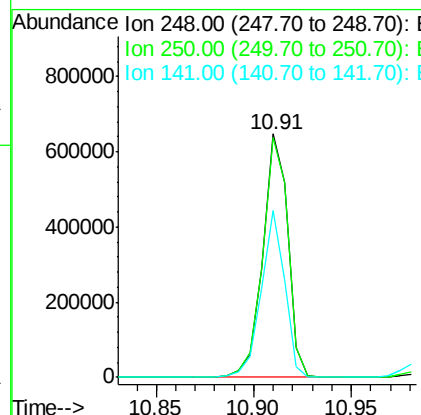
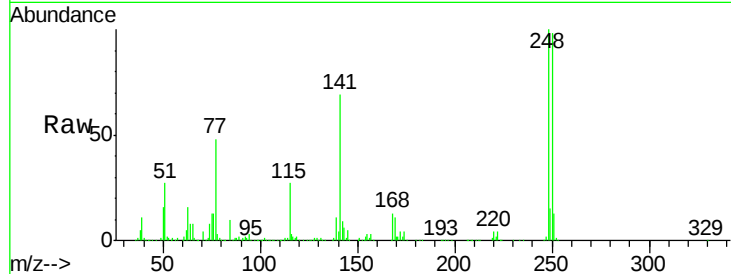
#67
 4-Bromophenyl-phenylether
 Concen: 35.503 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

Tot Ion:	248	Resp:	573129
Ion Ratio	Lower	Upper	
248	100		
250	98.4	78.7	118.1
141	68.6	48.4	72.6

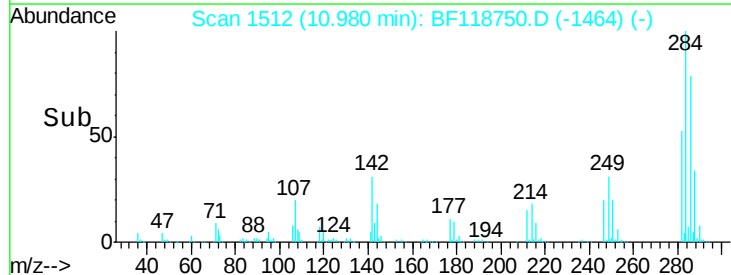
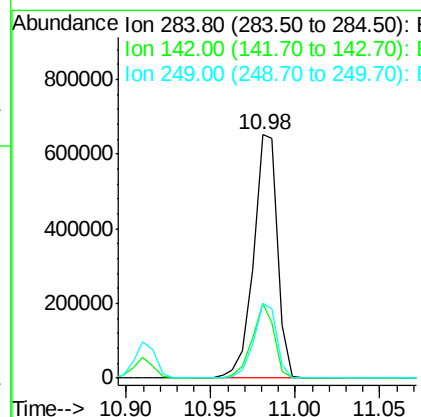
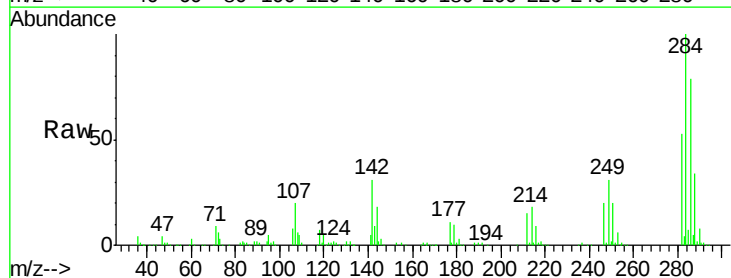
Manual Integrations
 APPROVED

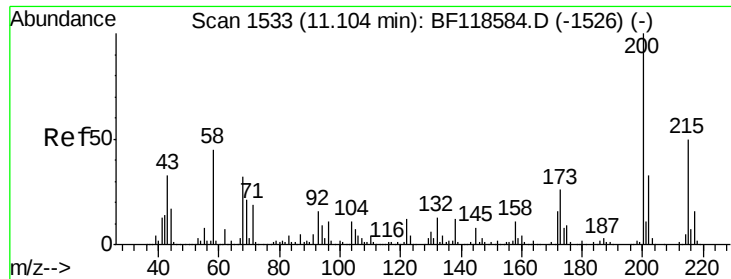
mohammad
 2/3/2020 7:56:53 AM



#68
 Hexachlorobenzene
 Concen: 35.351 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion:	284	Resp:	647001
Ion Ratio	Lower	Upper	
284	100		
142	30.9	23.1	34.7
249	30.8	24.0	36.0





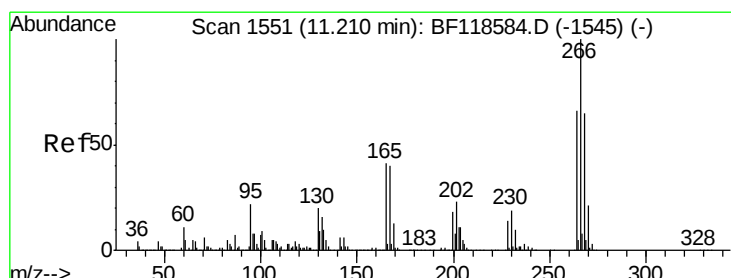
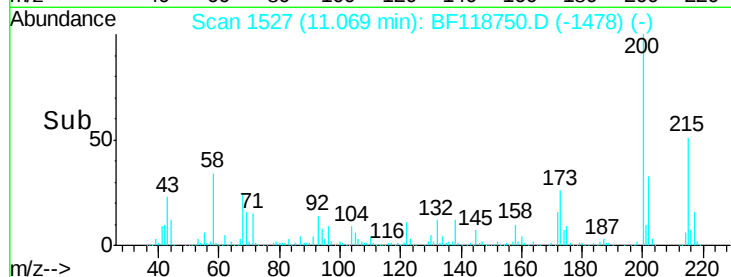
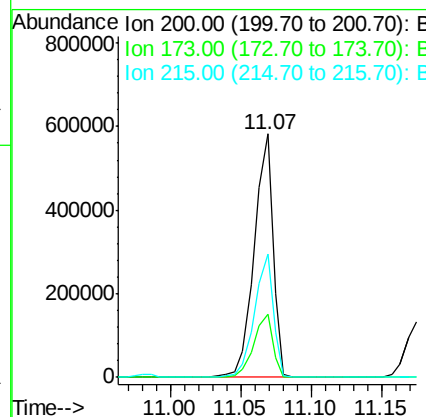
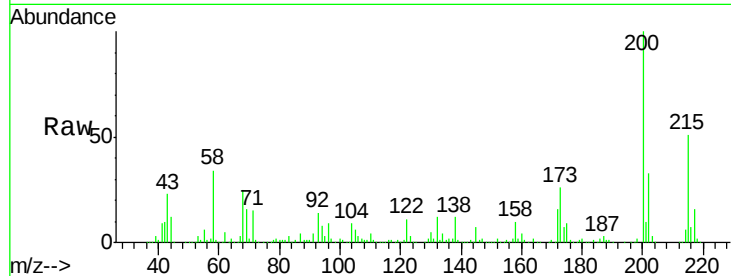
#69
Atrazine
Concen: 40.063 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.8	46.8
215	50.6	30.4	70.4

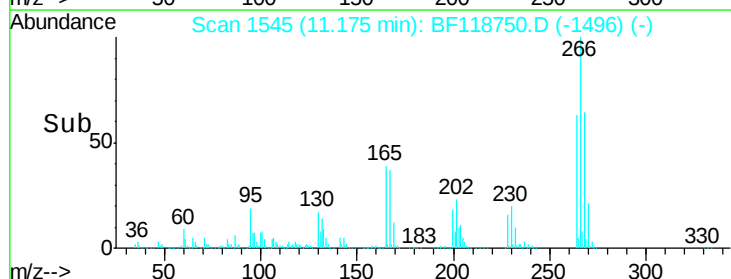
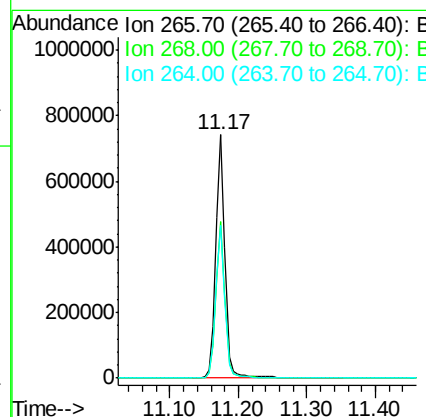
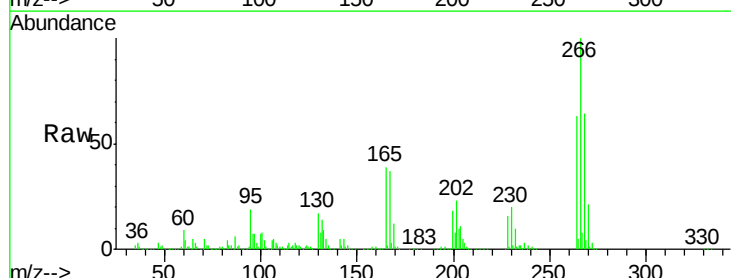
Manual Integrations
APPROVED

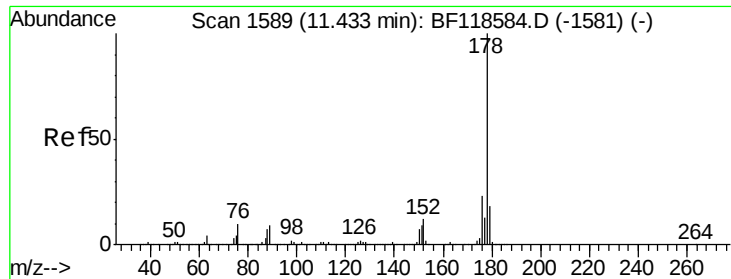
mohammad
2/3/2020 7:56:53 AM



#70
Pentachlorophenol
Concen: 69.354 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.6	77.4
264	62.7	50.9	76.3





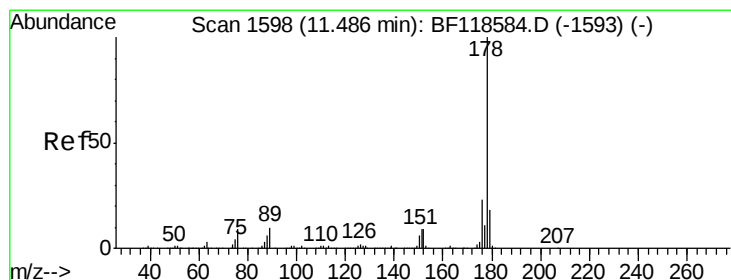
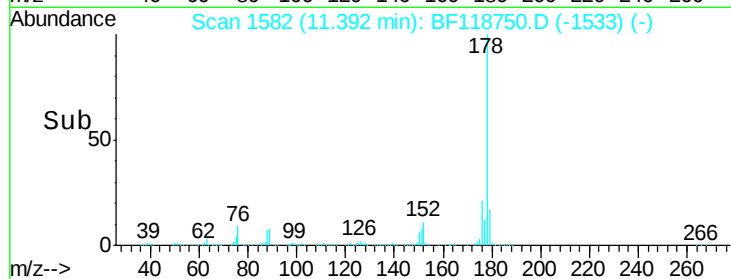
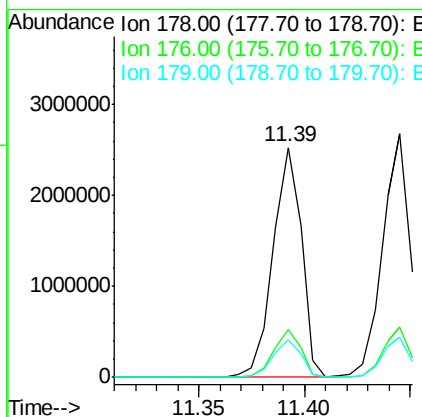
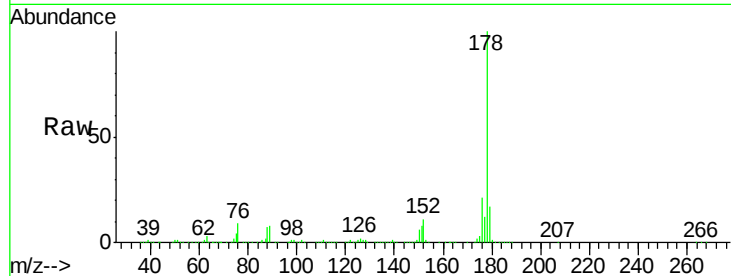
#71
Phenanthrene
Concen: 37.684 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion:178 Resp: 2375569
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.6 13.3 19.9

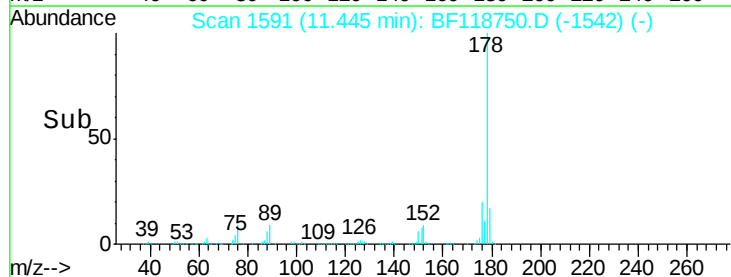
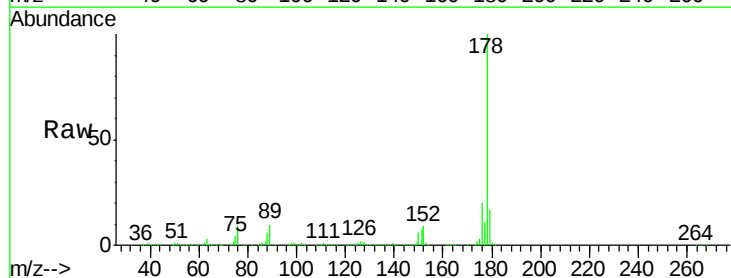
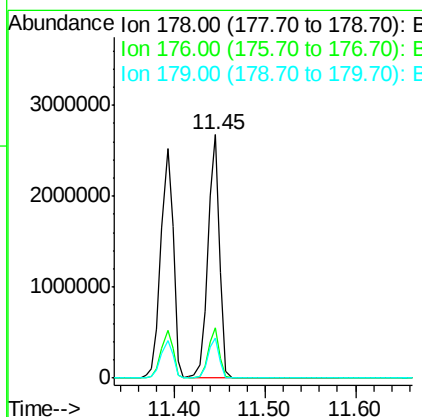
Manual Integrations
APPROVED

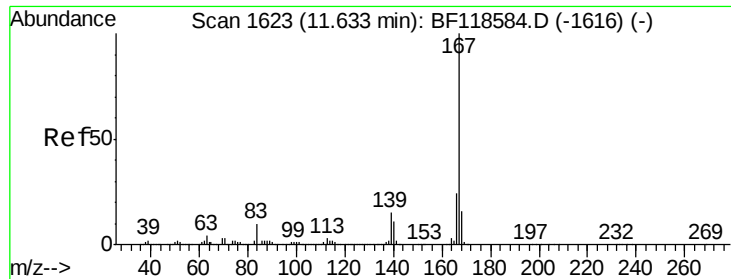
mohammad
2/3/2020 7:56:53 AM



#72
Anthracene
Concen: 38.794 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion:178 Resp: 2419821
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 16.7 13.3 19.9





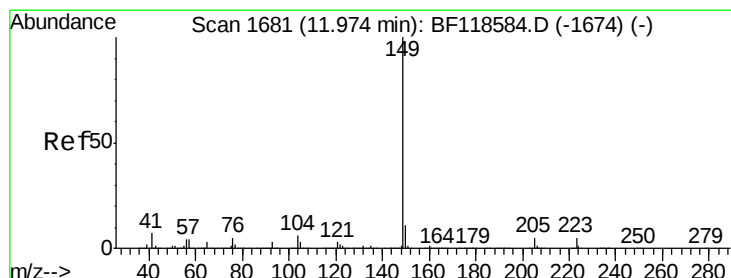
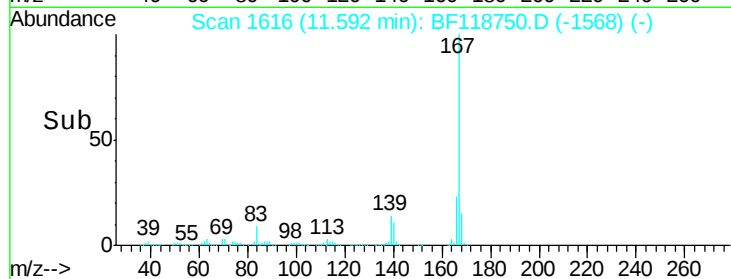
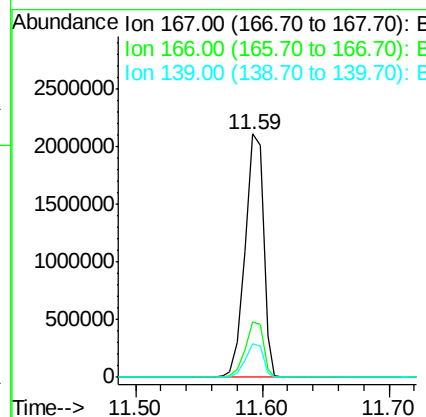
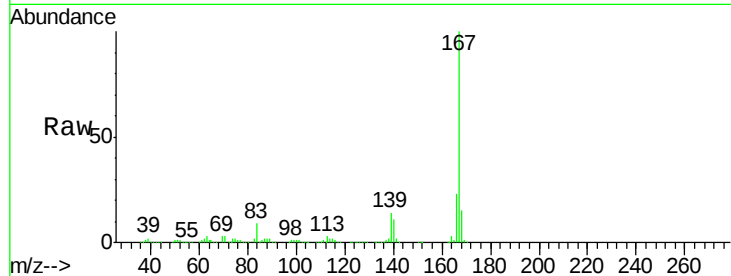
#73
 Carbazole
 Concen: 36.788 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	13.6	11.0	16.4

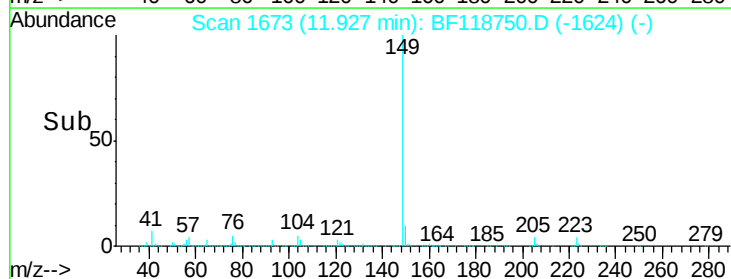
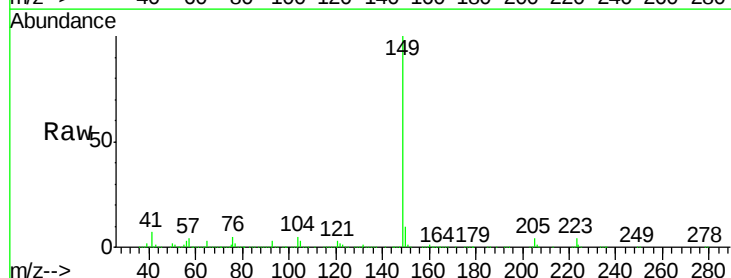
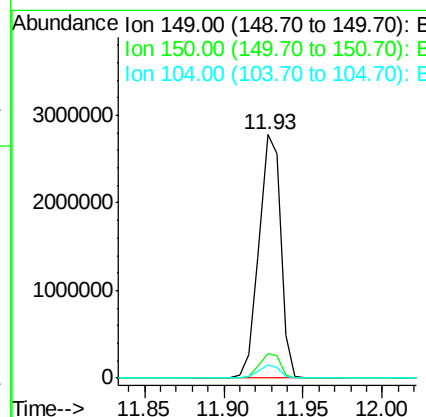
Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:56:53 AM



#74
 Di-n-butylphthalate
 Concen: 41.860 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 38.459 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

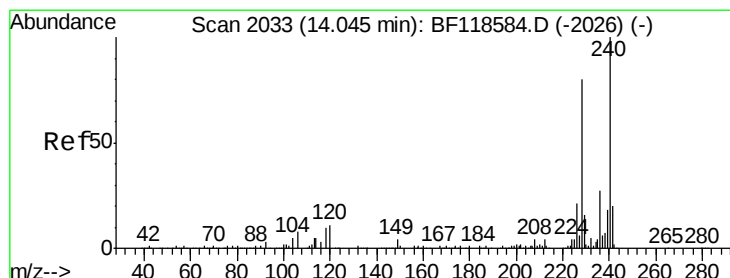
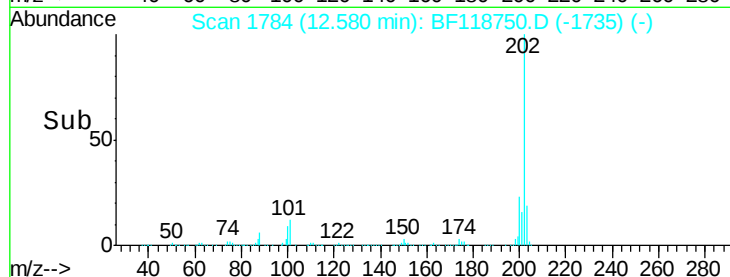
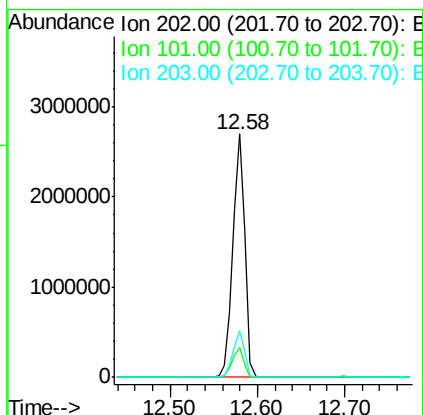
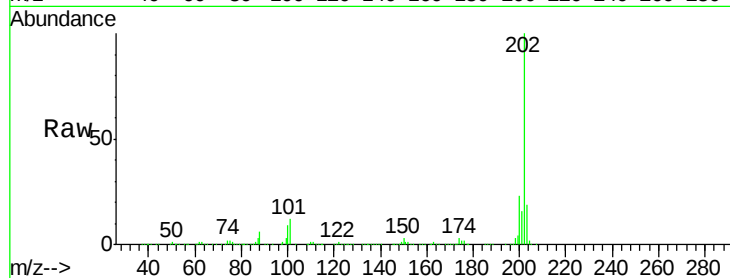
ClientSampleId :

PB126456BS

Tot Ion:	202	Resp:	2557066
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.1
203	19.2	0.0	38.9

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



#76

Chrysene-d12

Concen: 20.000 ng

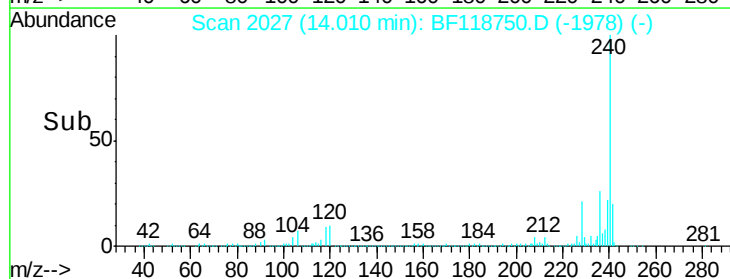
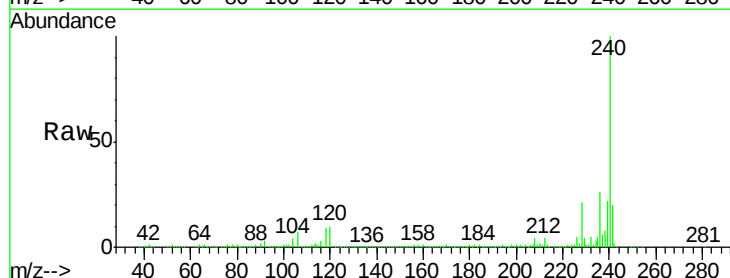
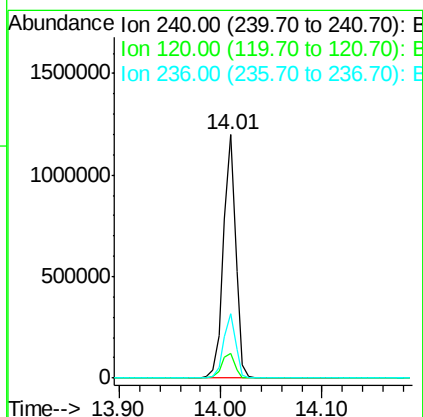
RT: 14.01 min Scan# 2027

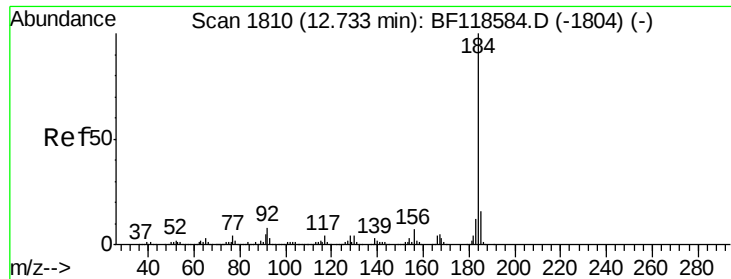
Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:	240	Resp:	1002642
Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.6	11.4
236	26.5	21.0	31.4





#77

Benzidine

Concen: 57.095 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion:184 Resp: 1529559

Ion Ratio Lower Upper

184 100

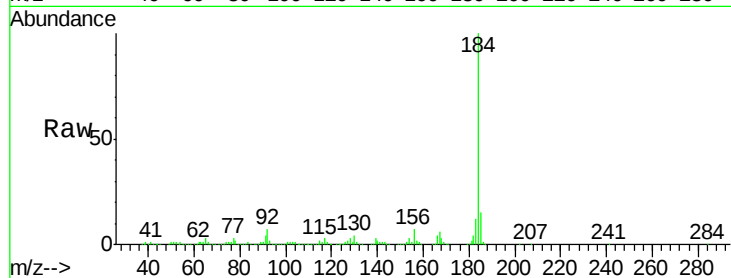
185 14.7 11.8 17.8

183 12.5 9.7 14.5

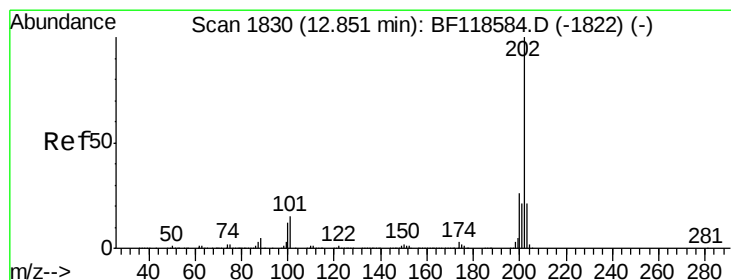
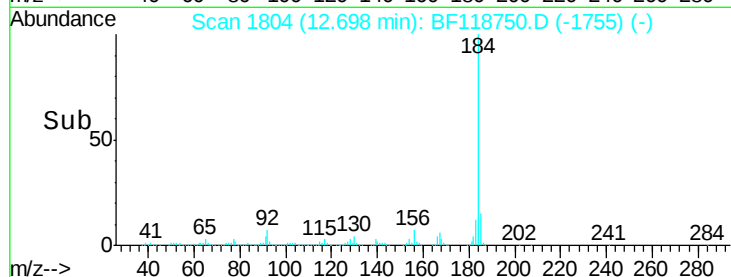
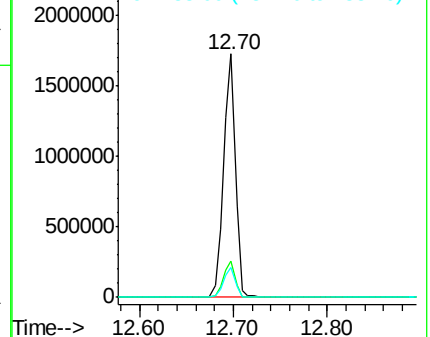
Manual Integrations
APPROVED

mohammad

2/3/2020 7:56:53 AM



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



#78

Pyrene

Concen: 37.842 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

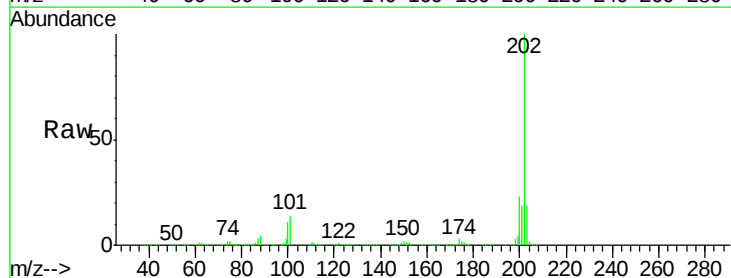
Tgt Ion:202 Resp: 2575897

Ion Ratio Lower Upper

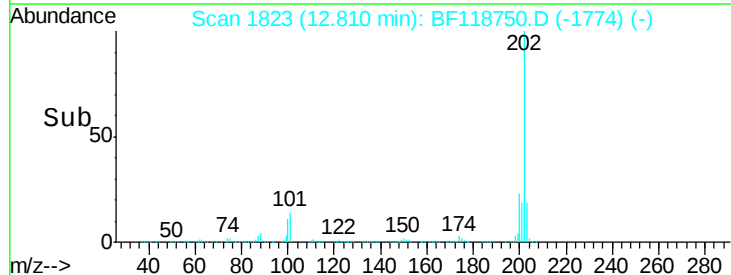
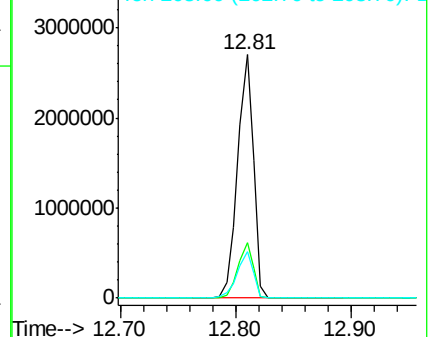
202 100

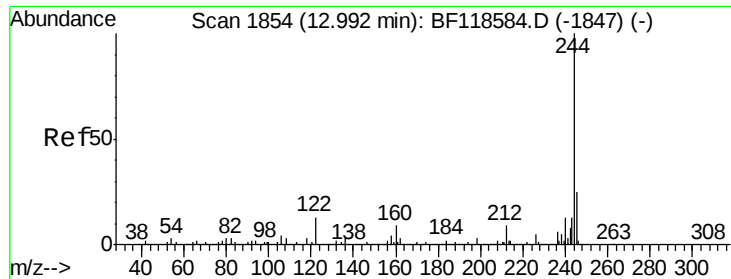
200 23.0 18.1 27.1

203 19.1 15.2 22.8



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





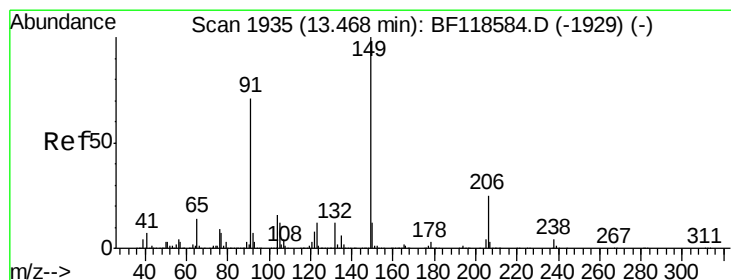
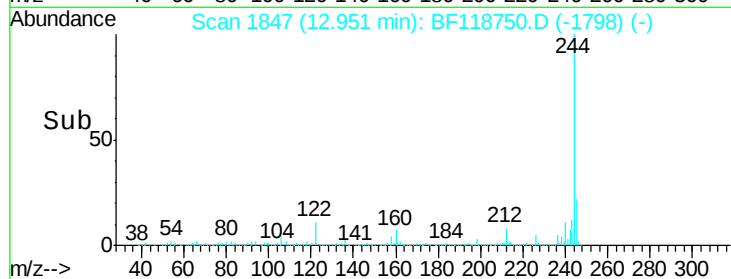
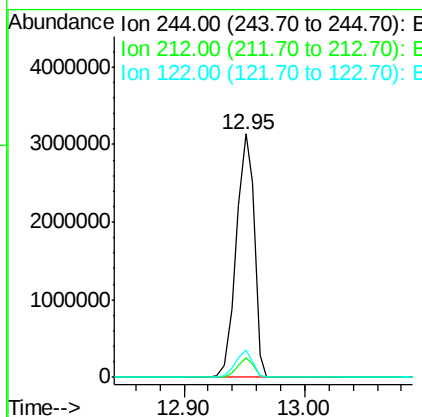
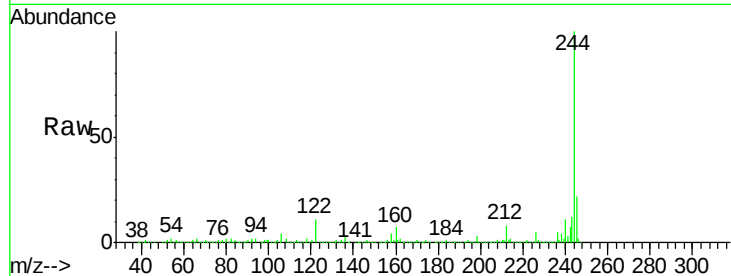
#79
 Terphenyl-d14
 Concen: 70.914 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

Tot Ion:244 Resp: 3259906
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 11.2 9.2 13.8

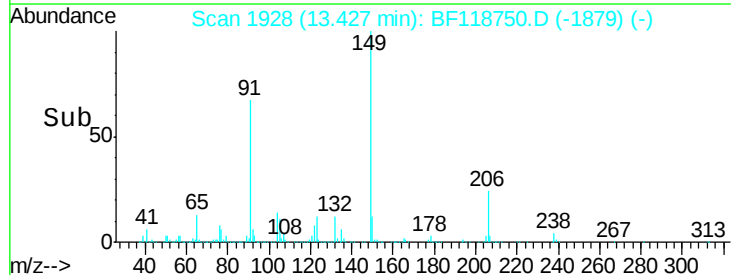
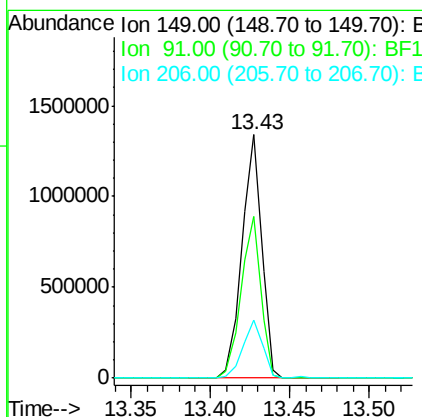
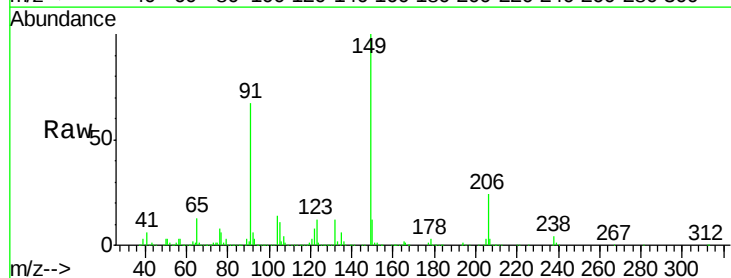
Manual Integrations
 APPROVED

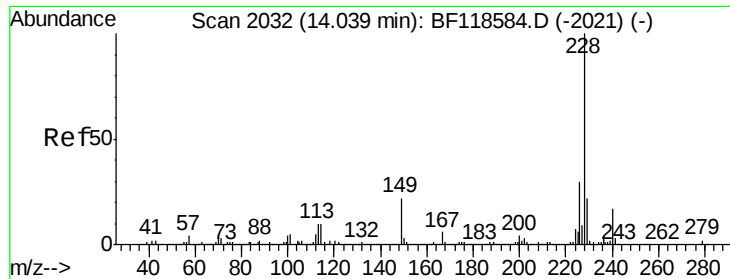
mohammad
 2/3/2020 7:56:53 AM



#80
 Butylbenzylphthalate
 Concen: 41.508 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion:149 Resp: 1156359
 Ion Ratio Lower Upper
 149 100
 91 66.5 49.6 74.4
 206 24.1 19.9 29.9





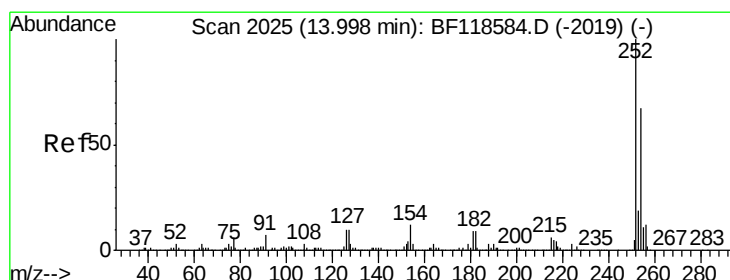
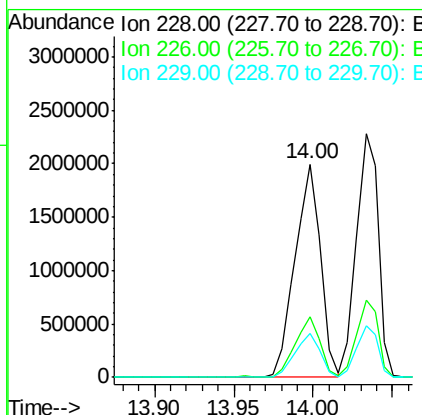
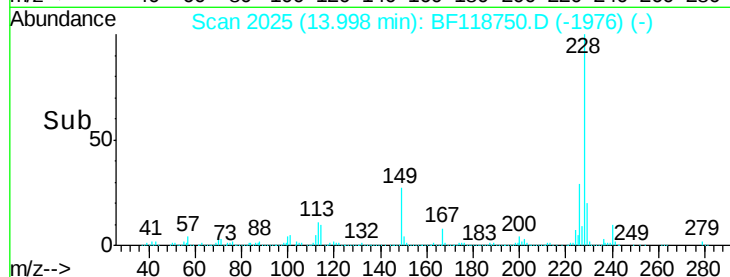
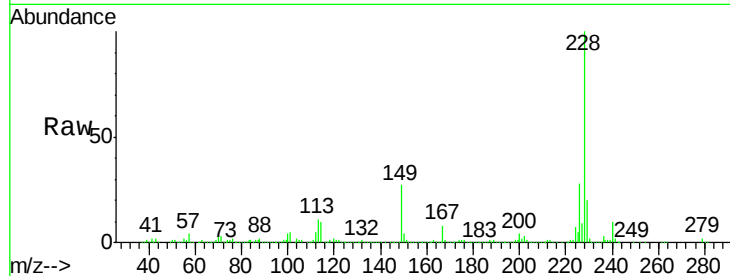
#81
Benzo(a)anthracene
Concen: 36.917 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.4	16.6	25.0

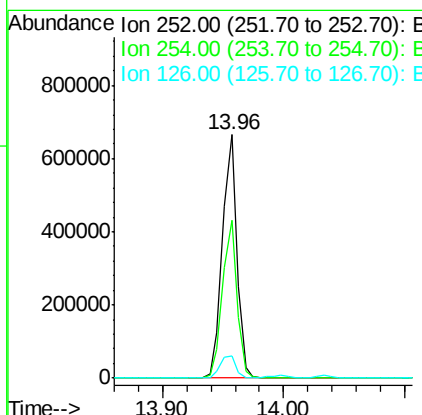
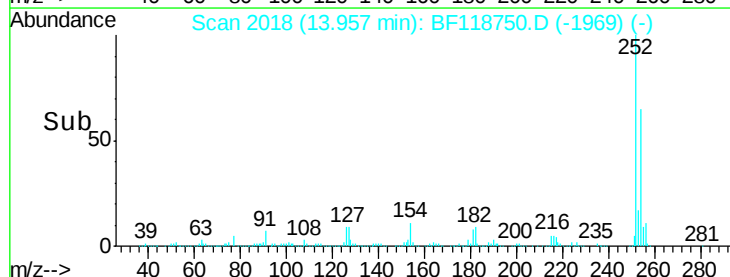
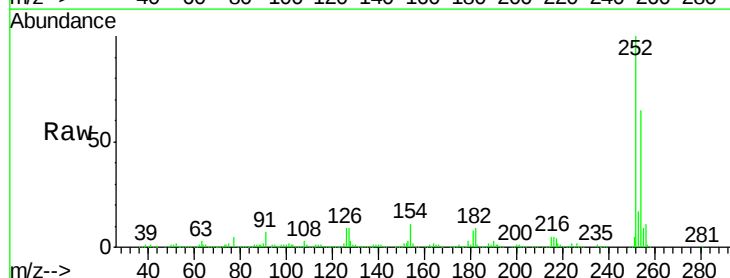
Manual Integrations
APPROVED

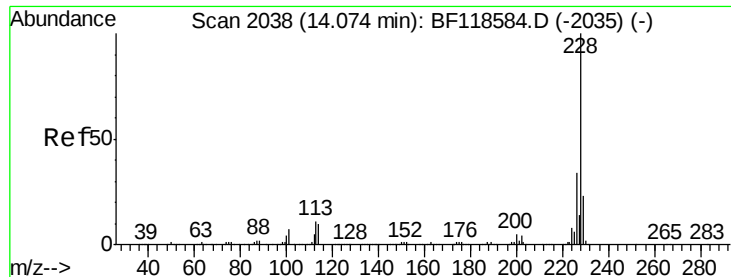
mohammad
2/3/2020 7:56:53 AM



#82
3,3'-Dichlorobenzidine
Concen: 25.731 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	9.2	8.1	12.1





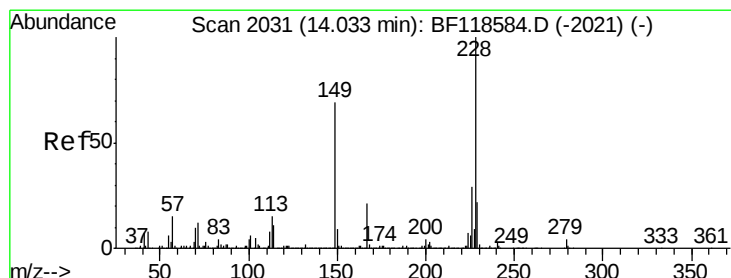
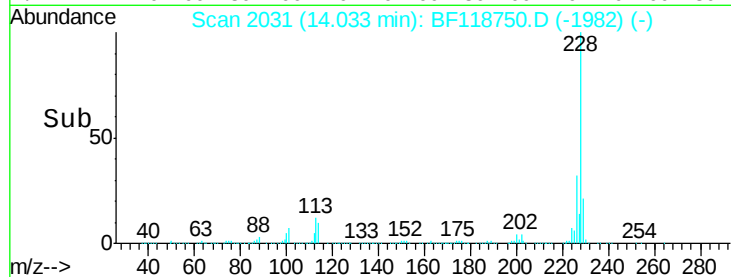
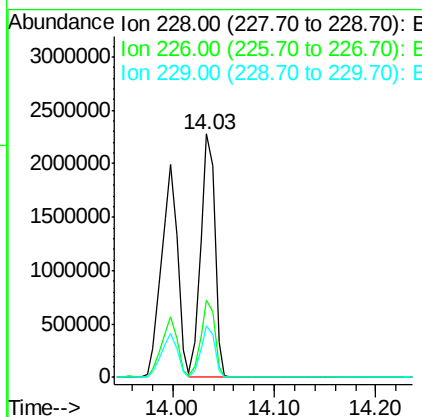
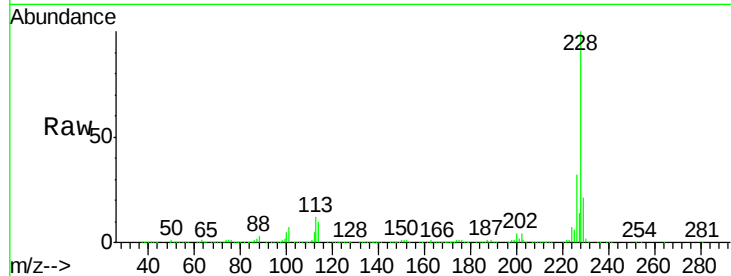
#83
 Chrvsene
 Concen: 38.210 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BS

Tot Ion:228 Resp: 2208743
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 21.2 17.1 25.7

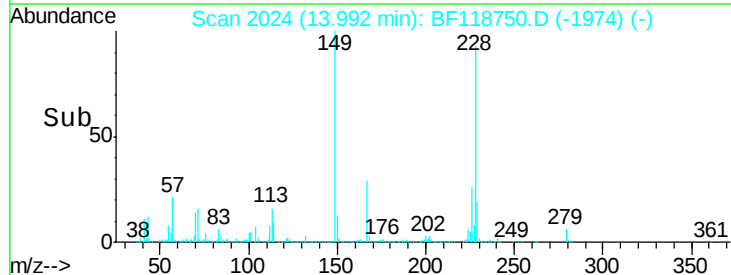
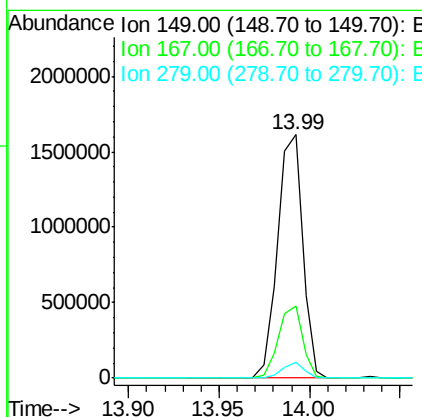
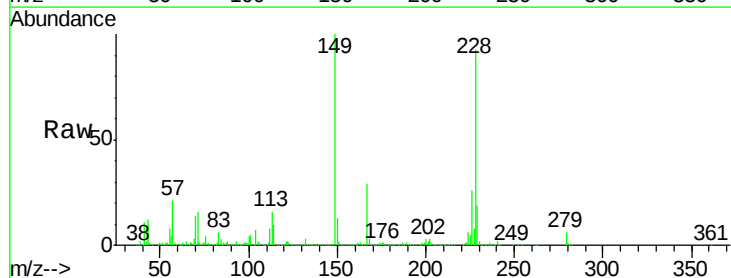
Manual Integrations
 APPROVED

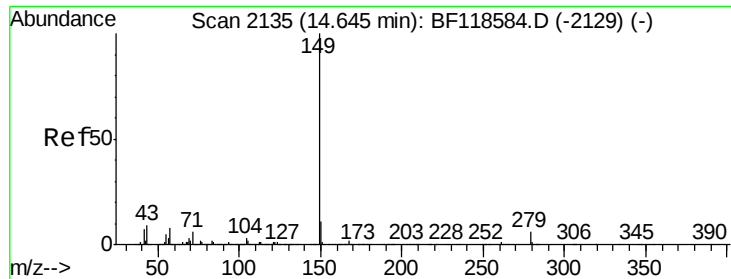
mohammad
 2/3/2020 7:56:53 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.762 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF118750.D
 Acq: 30 Jan 2020 14:41

Tgt Ion:149 Resp: 1557527
 Ion Ratio Lower Upper
 149 100
 167 29.4 23.6 35.4
 279 6.3 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 52.370 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion:149 Resp: 2638353

Ion Ratio Lower Upper

149 100

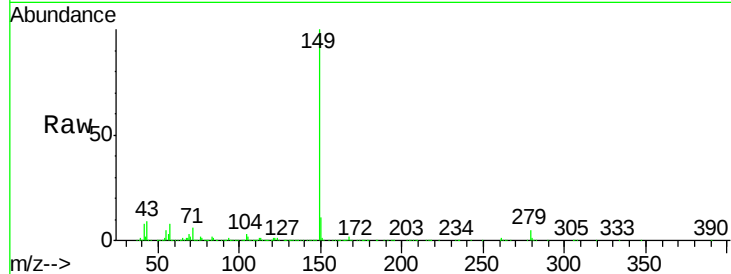
167 1.7 1.4 2.0

43 8.3 6.6 10.0

Manual Integrations
APPROVED

mohammad

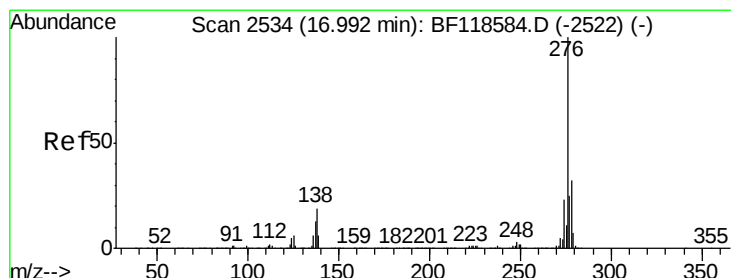
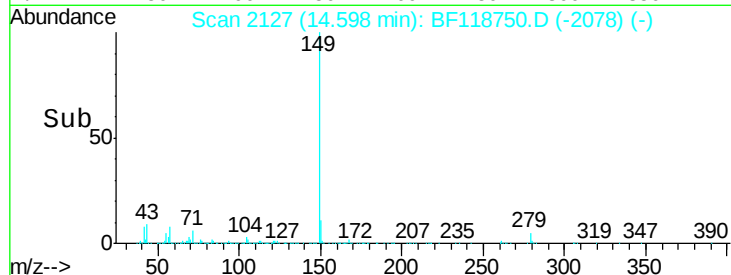
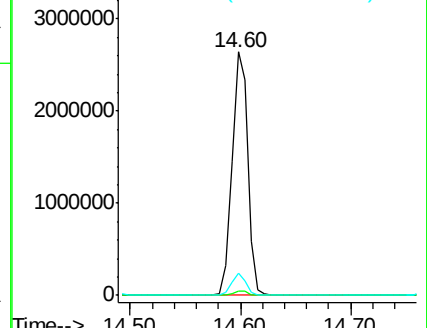
2/3/2020 7:56:53 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.083 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

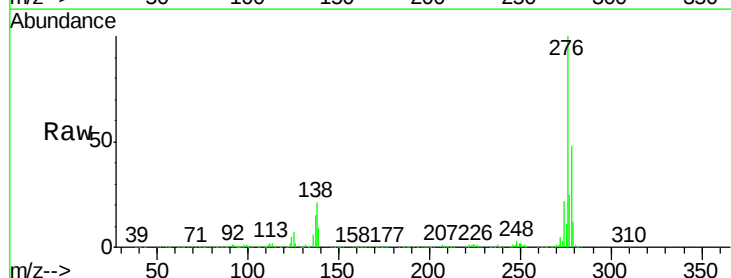
Tgt Ion:276 Resp: 2013262

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

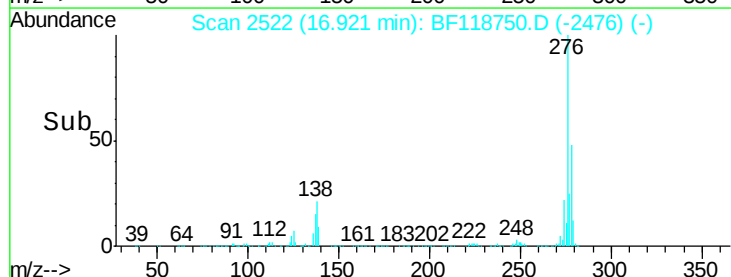
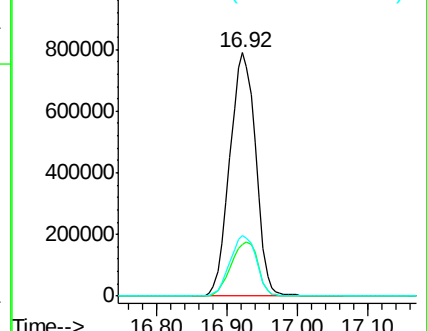
277 25.6 20.4 30.6

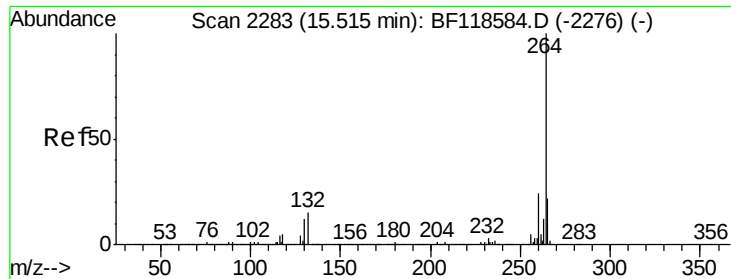


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

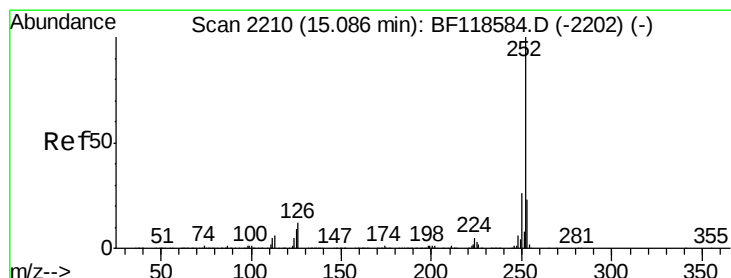
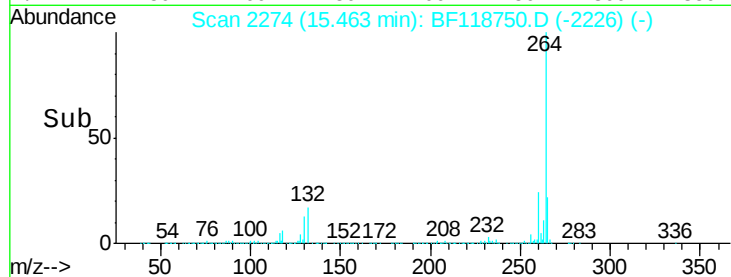
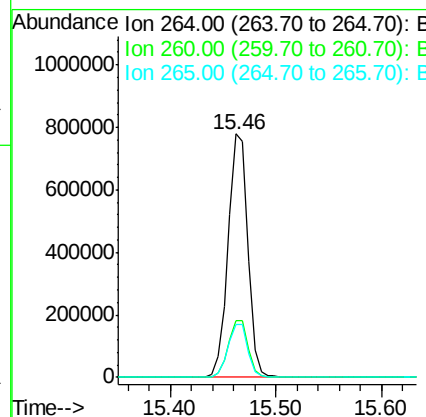
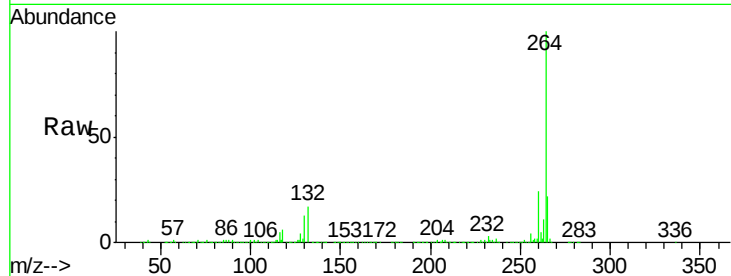
Instrument :
BNA_F
ClientSampled :
PB126456BS

Tot Ion:264 Resp: 1007412

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.6	17.0	25.6

Manual Integrations
APPROVED

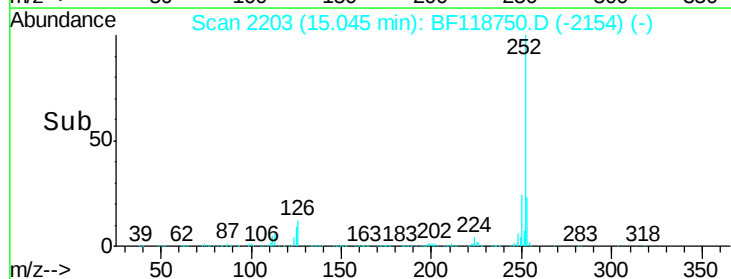
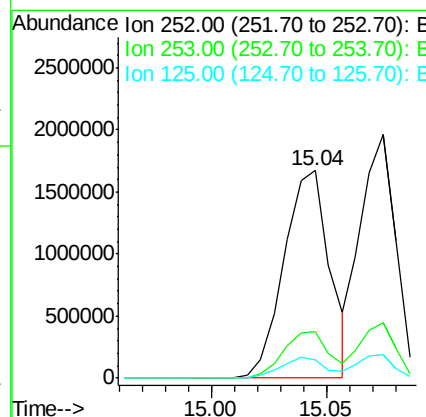
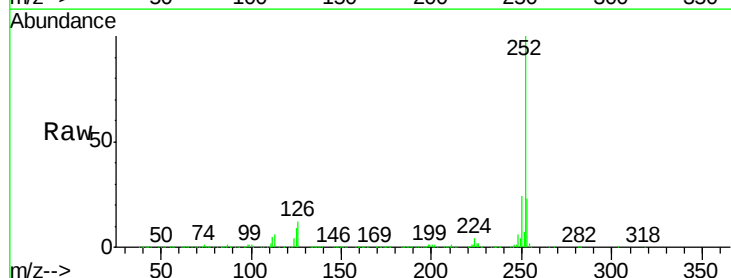
mohammad
2/3/2020 7:56:53 AM



#88
Benzo(b)fluoranthene
Concen: 36.351 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion:252 Resp: 2301846

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.0	7.7	11.5





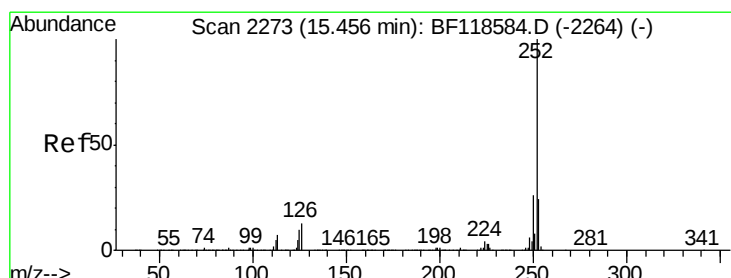
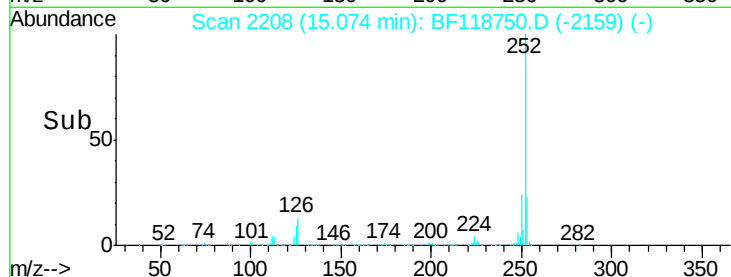
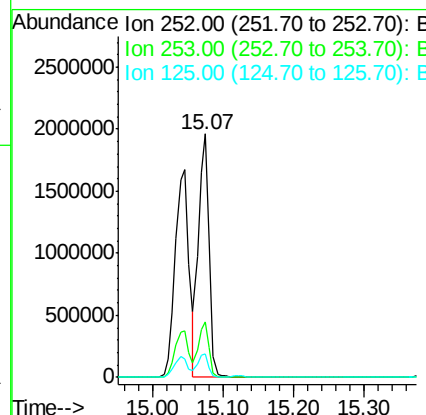
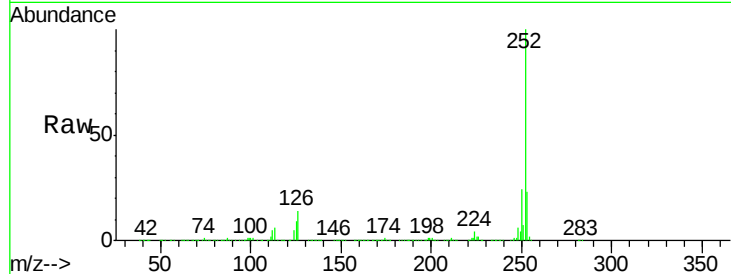
#89
Benzo(k)fluoranthene
Concen: 35.916 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB126456BS

Tot Ion:252 Resp: 2107048
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 9.4 8.1 12.1

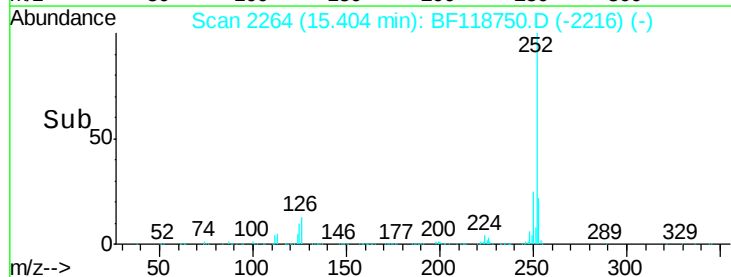
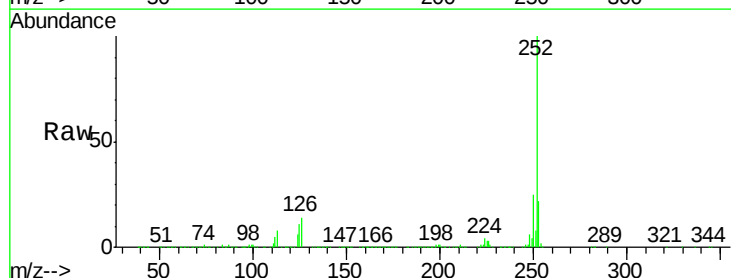
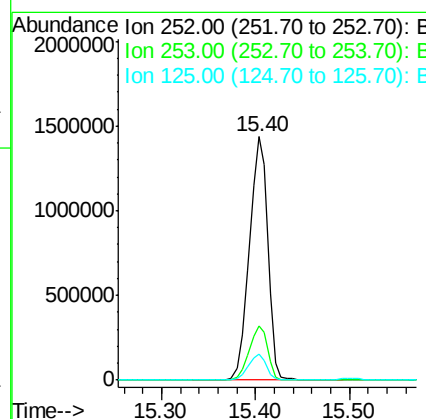
Manual Integrations
APPROVED

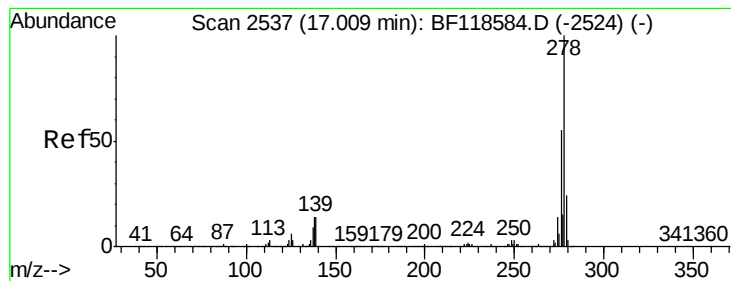
mohammad
2/3/2020 7:56:53 AM



#90
Benzo(a)pyrene
Concen: 35.680 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118750.D
Acq: 30 Jan 2020 14:41

Tgt Ion:252 Resp: 1949017
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 10.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 35.135 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB126456BS

Tot Ion:278 Resp: 1697656

Ion Ratio Lower Upper

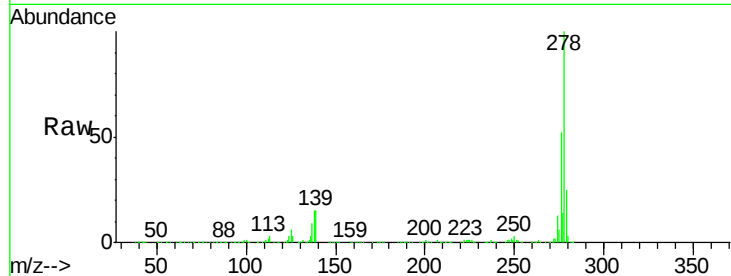
278 100

139 15.1 11.8 17.6

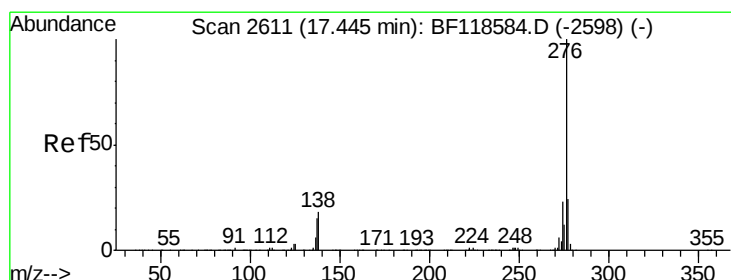
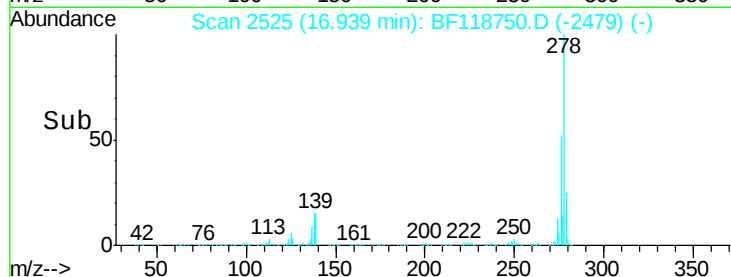
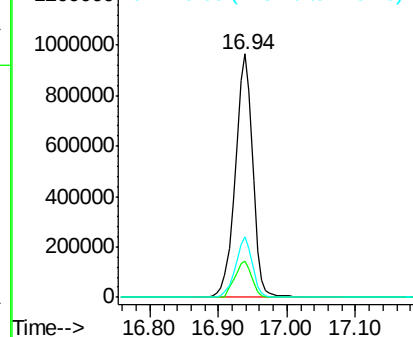
279 24.8 19.1 28.7

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:53 AM



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



#92

Benzo(g,h,i)perylene

Concen: 34.528 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.03 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

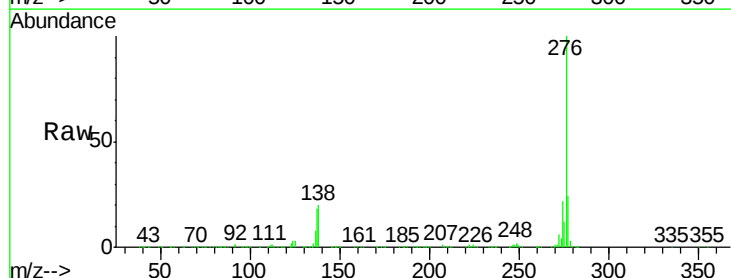
Tgt Ion:276 Resp: 1619856

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 20.0 15.4 23.2



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

