

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119213.D
 Acq On : 5 Mar 2020 14:24
 Operator : CG/JU
 Sample : PB127192BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:55 AM

Quant Time: Mar 06 06:46:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	132479	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	517506	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	298271	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	555766	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	372466	20.00	ng	-0.01
87) Perylene-d12	15.31	264	310738	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1013691	127.87	ng	0.00
7) Phenol-d6	6.39	99	1233823	127.98	ng	-0.01
23) Nitrobenzene-d5	7.30	82	746080	76.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	480161	123.06	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1528971	75.52	ng	-0.02
79) Terphenyl-d14	12.83	244	1788825	82.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	140585	39.832	ng	98
3) Pyridine	3.23	79	347269	36.027	ng	98
4) n-Nitrosodimethylamine	3.17	42	141233	48.368	ng	91
6) Aniline	6.39	93	385471	32.403	ng	# 76
8) 2-Chlorophenol	6.53	128	423692	49.525	ng	97
9) Benzaldehyde	6.27	77	168892	26.220	ng	97
10) Phenol	6.40	94	502577	48.215	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	381425	47.824	ng	97
12) 1,3-Dichlorobenzene	6.67	146	452753	44.155	ng	98
13) 1,4-Dichlorobenzene	6.75	146	462946	45.118	ng	98
14) 1,2-Dichlorobenzene	6.90	146	430169	45.969	ng	99
15) Benzyl Alcohol	6.88	79	357765	51.345	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	309829	44.845	ng	# 11
17) 2-Methylphenol	7.00	107	351433	50.668	ng	94
18) Hexachloroethane	7.23	117	165461	45.073	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	293232	52.197	ng	94
20) 3+4-Methylphenols	7.16	107	462158	54.387	ng	# 86
22) Acetophenone	7.14	105	583477	48.730	ng	# 95
24) Nitrobenzene	7.32	77	446792	46.097	ng	99
25) Isophorone	7.56	82	811763	47.689	ng	100
26) 2-Nitrophenol	7.63	139	246194	47.939	ng	97
27) 2,4-Dimethylphenol	7.68	122	377760	54.199	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	496321	44.796	ng	99
29) 2,4-Dichlorophenol	7.88	162	384902	46.910	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	416258	42.788	ng	100
31) Naphthalene	8.03	128	1228436	45.771	ng	99
32) Benzoic acid	7.85	122	204364	41.272	ng	97
33) 4-Chloroaniline	8.09	127	342510	29.671	ng	98
34) Hexachlorobutadiene	8.15	225	251381	41.484	ng	99
35) Caprolactam	8.47	113	115447m	45.695	ng	
36) 4-Chloro-3-methylphenol	8.59	107	410372	49.419	ng	99
37) 2-Methylnaphthalene	8.72	142	869183	48.123	ng	99
38) 1-Methylnaphthalene	8.82	142	816214	48.052	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	428183	42.578	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119213.D
 Acq On : 5 Mar 2020 14:24
 Operator : CG/JU
 Sample : PB127192BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

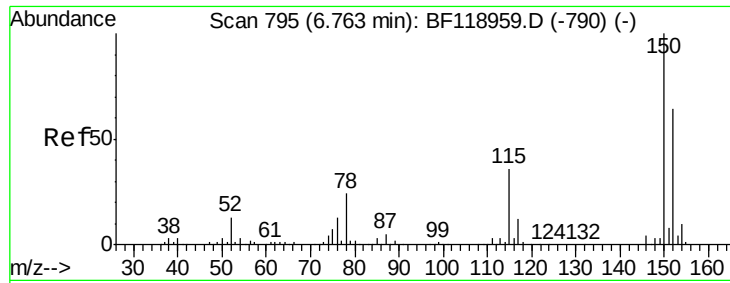
Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:55 AM

Quant Time: Mar 06 06:46:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	230647	65.004	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	268707	42.312	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	280580	42.104	ng	97
46) 1,1'-Biphenyl	9.19	154	1063044	44.098	ng	98
47) 2-Chloronaphthalene	9.22	162	841109	43.298	ng	97
48) 2-Nitroaniline	9.32	65	244014	45.035	ng	98
49) Acenaphthylene	9.63	152	1276318	45.490	ng	100
50) Dimethylphthalate	9.49	163	1031134	45.209	ng	99
51) 2,6-Dinitrotoluene	9.56	165	232032	45.790	ng	98
52) Acenaphthene	9.80	154	757588	44.780	ng	99
53) 3-Nitroaniline	9.73	138	159862	28.457	ng	91
54) 2,4-Dinitrophenol	9.85	184	186939	76.287	ng	# 88
55) Dibenzofuran	9.97	168	1129065	44.712	ng	98
56) 4-Nitrophenol	9.93	139	237961	70.502	ng	99
57) 2,4-Dinitrotoluene	9.97	165	290119	44.170	ng	98
58) Fluorene	10.32	166	917455	46.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	249609	44.390	ng	98
60) Diethylphthalate	10.19	149	990913	46.102	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	475712	45.802	ng	97
62) 4-Nitroaniline	10.35	138	206650	35.954	ng	96
63) Azobenzene	10.46	77	875023	46.836	ng	95
65) 4,6-Dinitro-2-methylphenol	10.39	198	161963	48.160	ng	96
66) n-Nitrosodiphenylamine	10.43	169	835531	45.914	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	315890	43.484	ng	96
68) Hexachlorobenzene	10.87	284	363483	43.397	ng	100
69) Atrazine	10.96	200	292804	46.052	ng	99
70) Pentachlorophenol	11.07	266	247285	73.293	ng	97
71) Phenanthrene	11.27	178	1351239	44.582	ng	98
72) Anthracene	11.33	178	1388037	45.835	ng	99
73) Carbazole	11.49	167	1193428	44.236	ng	99
74) Di-n-butylphthalate	11.81	149	1485285	45.461	ng	99
75) Fluoranthene	12.46	202	1416233	44.021	ng	99
77) Benzidine	12.58	184	508354	33.559	ng	99
78) Pyrene	12.69	202	1414799	47.304	ng	99
80) Butylbenzylphthalate	13.30	149	600914	47.738	ng	98
81) Benzo(a)anthracene	13.88	228	1167297	45.995	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	330491	33.537	ng	100
83) Chrysene	13.92	228	1119014	44.251	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	808420	50.835	ng	100
85) Di-n-octyl phthalate	14.47	149	1223019	48.268	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	939192	38.357	ng	100
88) Benzo(b)fluoranthene	14.91	252	988912	48.282	ng	99
89) Benzo(k)fluoranthene	14.94	252	945024	49.787	ng	99
90) Benzo(a)pyrene	15.26	252	838370	45.352	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	795251	48.893	ng	100
92) Benzo(g,h,i)perylene	17.14	276	797482	49.623	ng	99

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



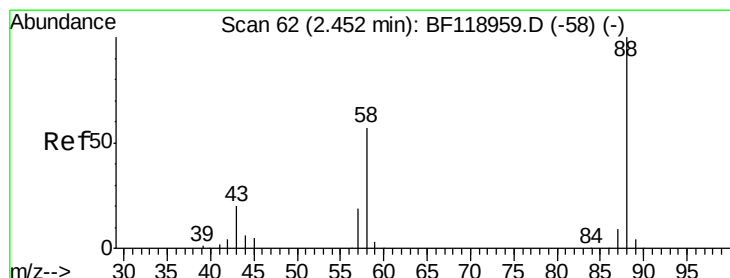
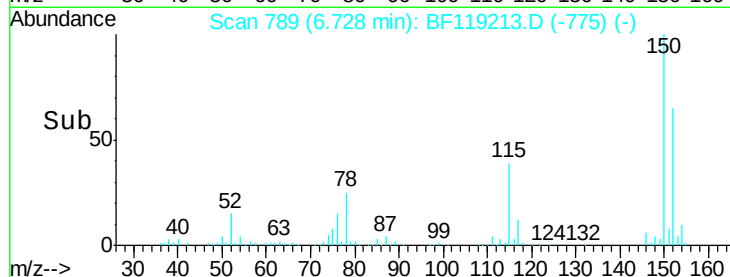
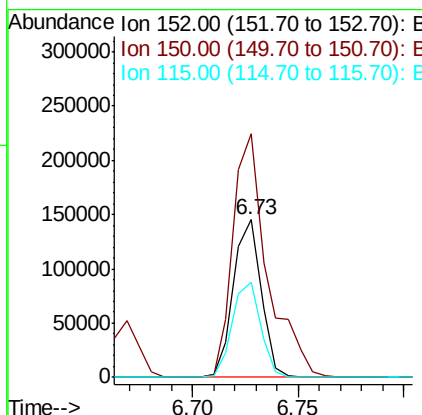
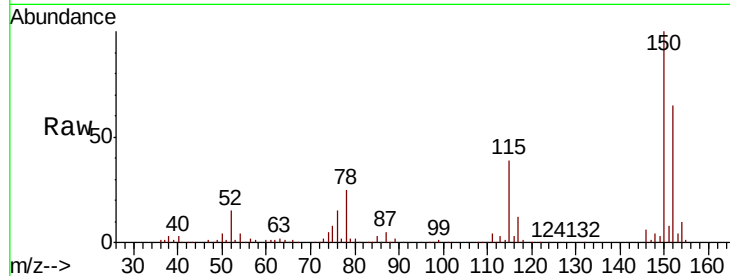
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	60.3	49.5	74.3

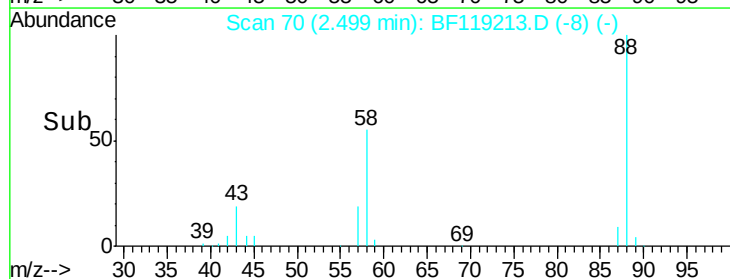
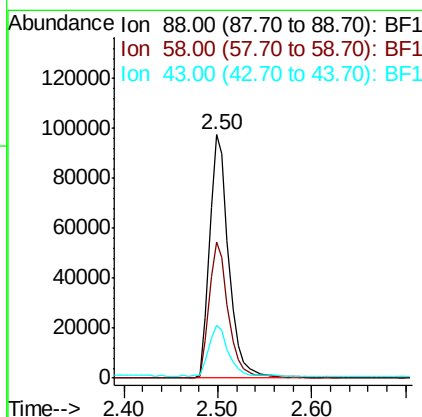
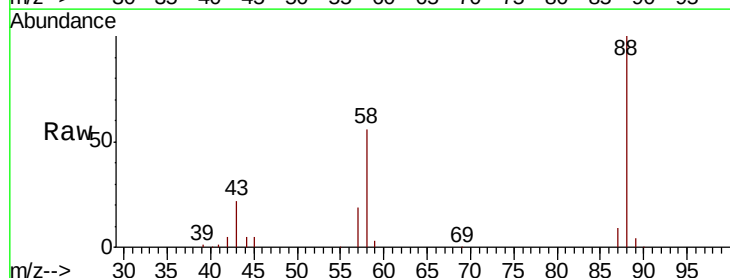
Manual Integrations
 APPROVED

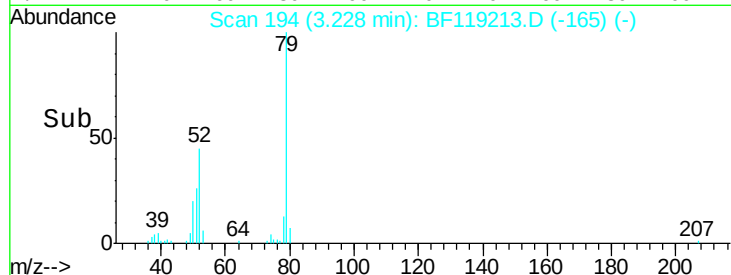
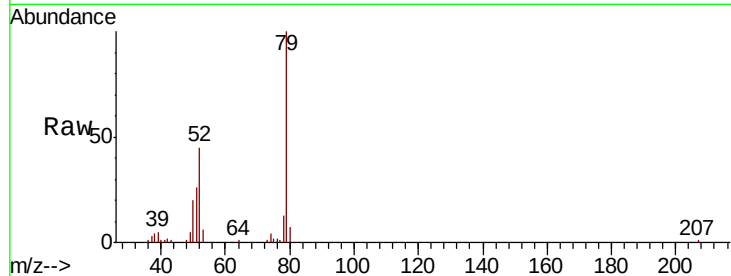
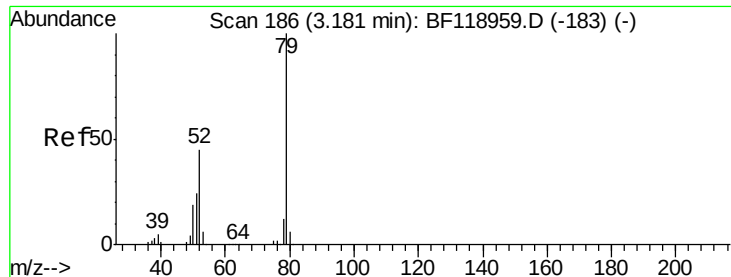
mohammad
 3/9/2020 8:26:55 AM



#2
 1,4-Dioxane
 Concen: 39.832 ng
 RT: 2.50 min Scan# 70
 Delta R.T. 0.06 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.0	43.8	65.6
43	21.3	16.2	24.4





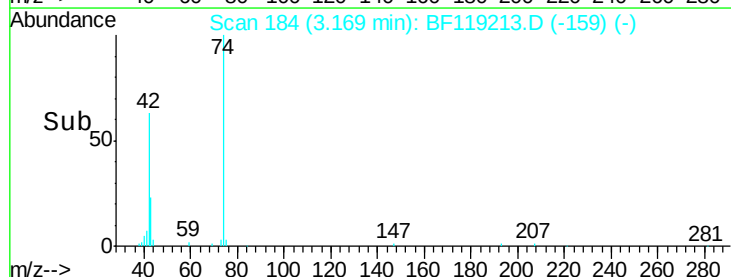
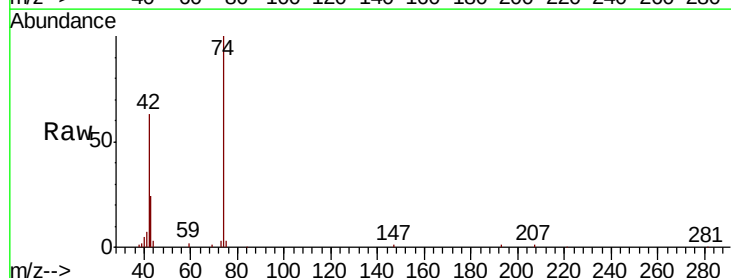
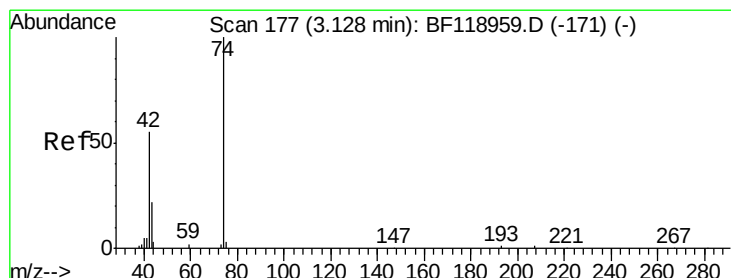
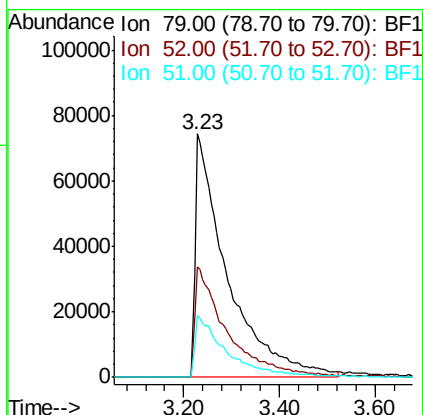
#3
Pvridine
Concen: 36.027 ng
RT: 3.23 min Scan# 194
Delta R.T. 0.07 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.5	37.4	56.0
51	25.5	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
PB127192BS

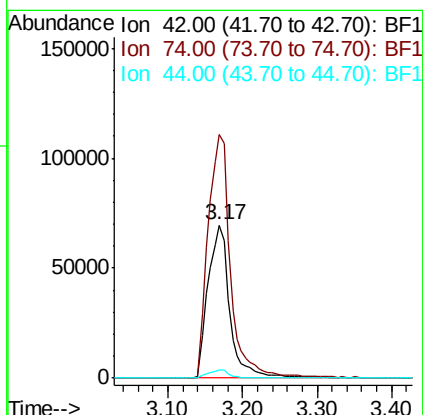
Manual Integrations
APPROVED

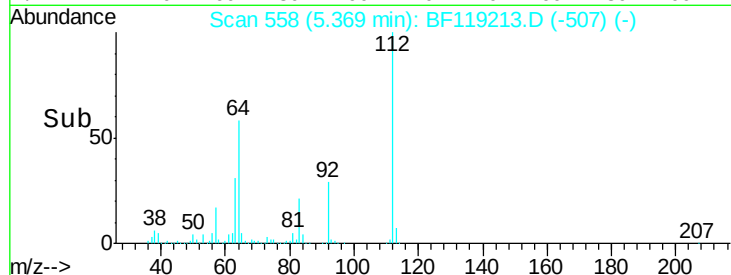
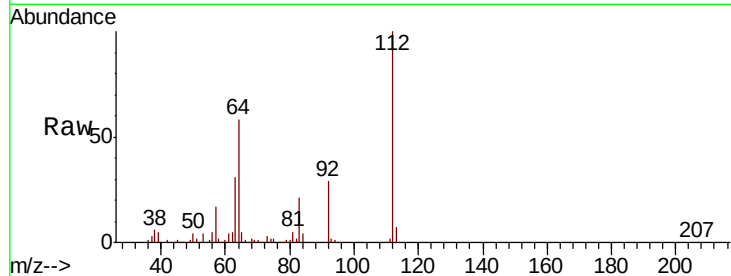
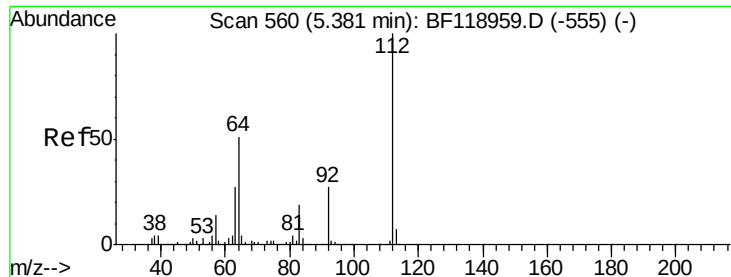
mohammad
3/9/2020 8:26:55 AM



#4
n-Nitrosodimethylamine
Concen: 48.368 ng
RT: 3.17 min Scan# 184
Delta R.T. 0.05 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.3	137.7	206.5
44	5.1	4.5	6.7





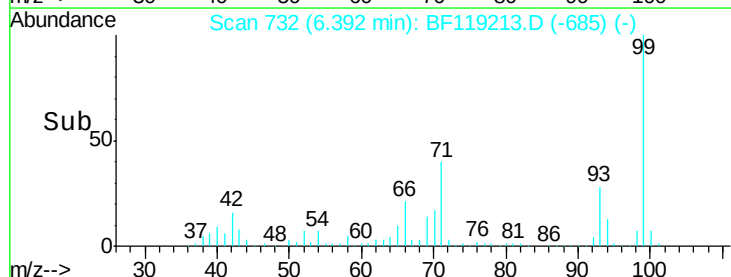
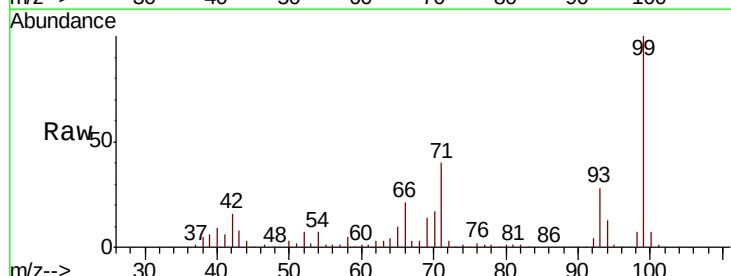
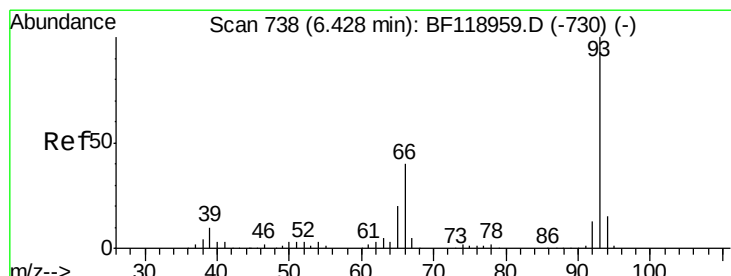
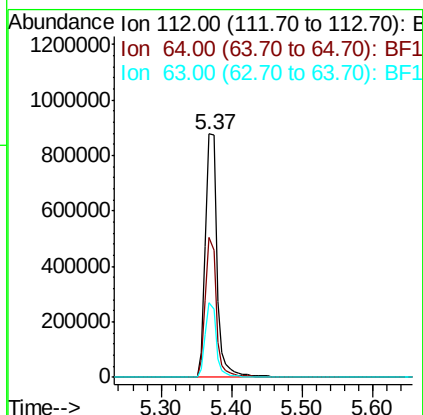
#5
2-Fluorophenol
Concen: 127.874 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tot Ion: 112 Resp: 1013691
Ion Ratio Lower Upper
112 100
64 57.5 45.0 67.4
63 30.5 24.2 36.4

Instrument :
BNA_F
ClientSampleId :
PB127192BS

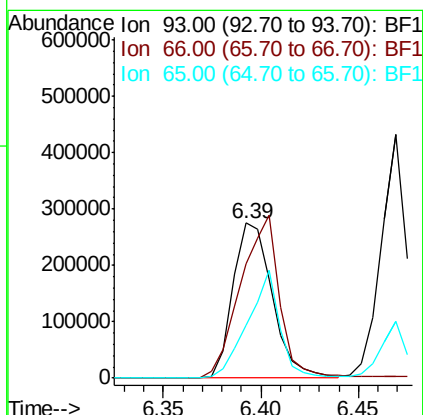
Manual Integrations
APPROVED

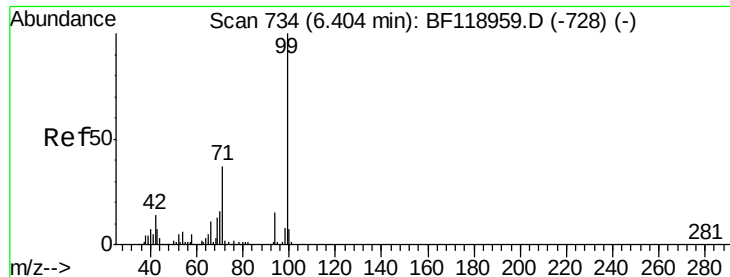
mohammad
3/9/2020 8:26:55 AM



#6
Aniline
Concen: 32.403 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion: 93 Resp: 385471
Ion Ratio Lower Upper
93 100
66 73.5 74.5 111.7#
65 34.0 45.3 67.9#





#7

Phenol-d6

Concen: 127.976 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

PB127192BS

Tot Ion: 99 Resp: 1233823

Ion Ratio Lower Upper

99 100

42 16.2 12.6 18.8

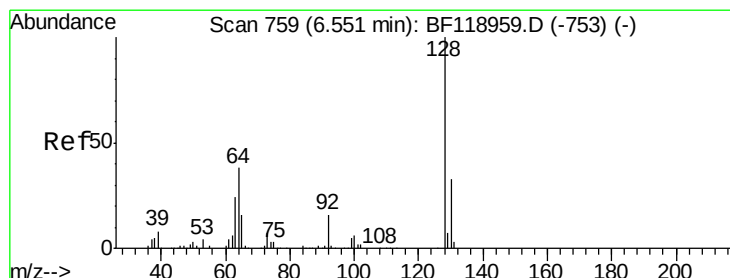
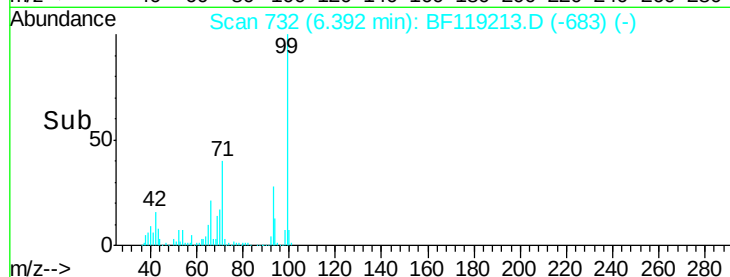
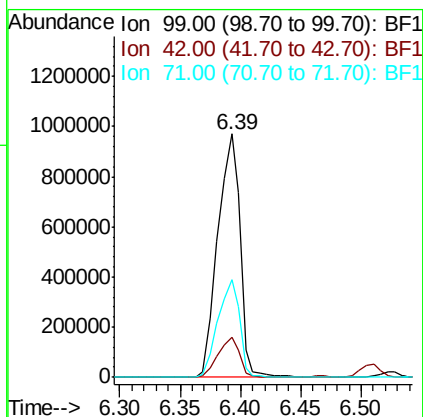
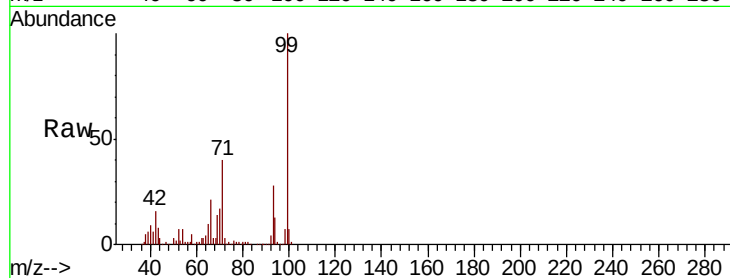
71 40.0 31.0 46.4

Manual Integrations

APPROVED

mohammad

3/9/2020 8:26:55 AM



#8

2-Chlorophenol

Concen: 49.525 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

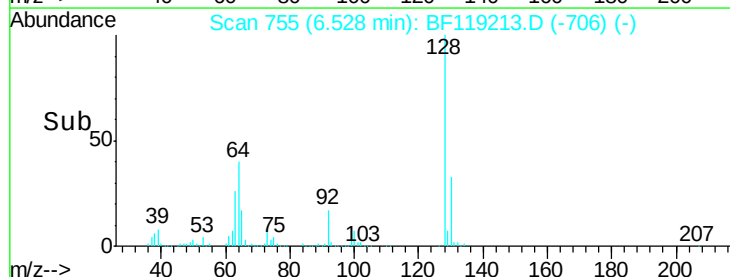
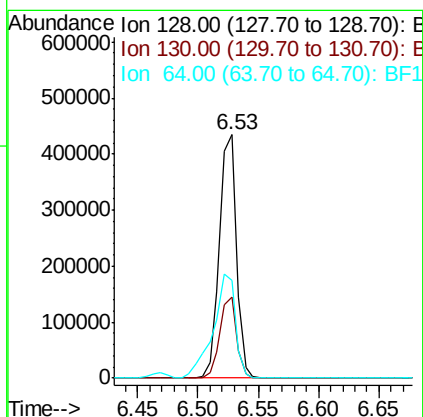
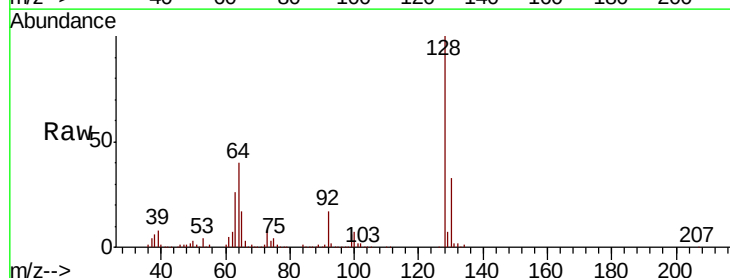
Tgt Ion: 128 Resp: 423692

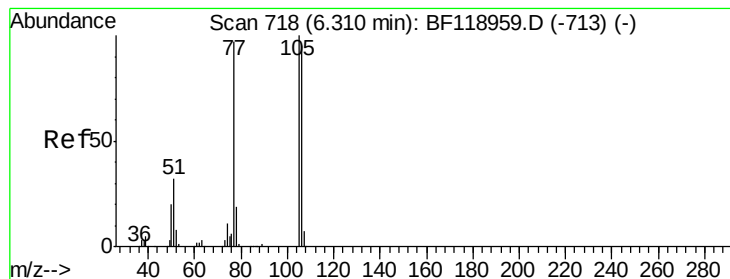
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 39.9 22.3 62.3





#9

Benzaldehyde

Concen: 26.220 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

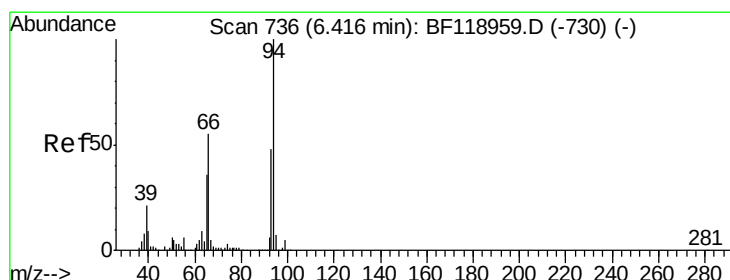
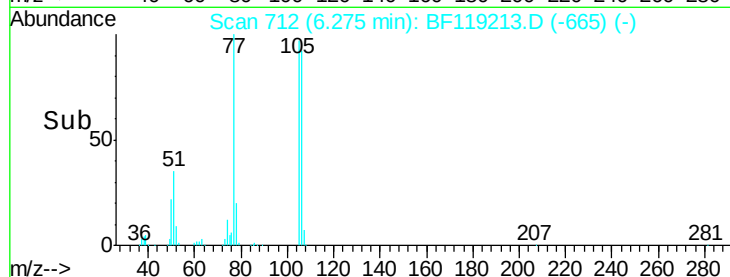
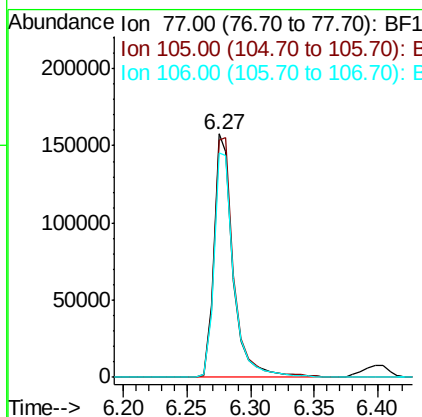
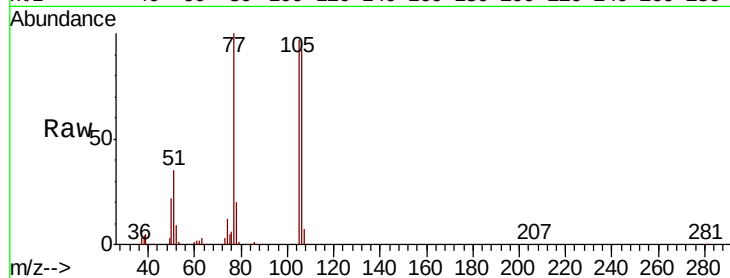
ClientSampleId :

PB127192BS

Tot Ion:	77	Resp:	168892
Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.1	120.1
106	92.3	75.9	115.9

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM



#10

Phenol

Concen: 48.215 ng

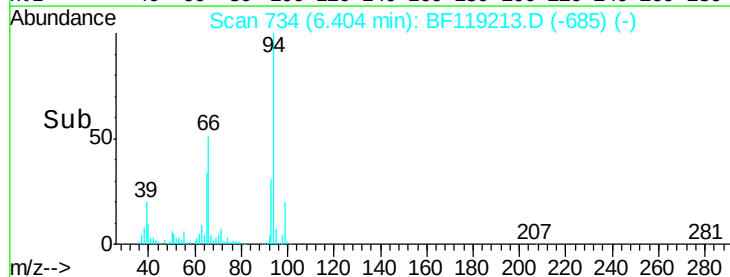
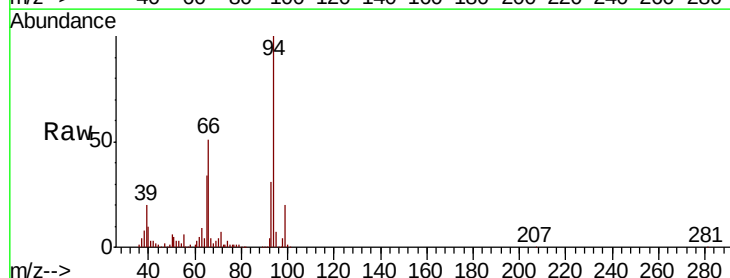
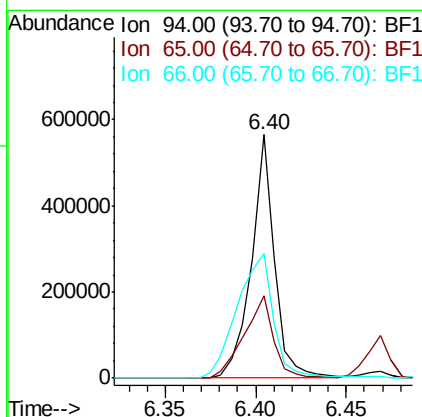
RT: 6.40 min Scan# 734

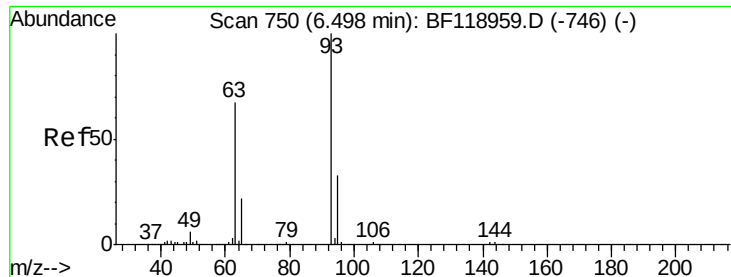
Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:	94	Resp:	502577
Ion	Ratio	Lower	Upper
94	100		
65	34.1	19.2	59.2
66	51.1	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 47.824 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

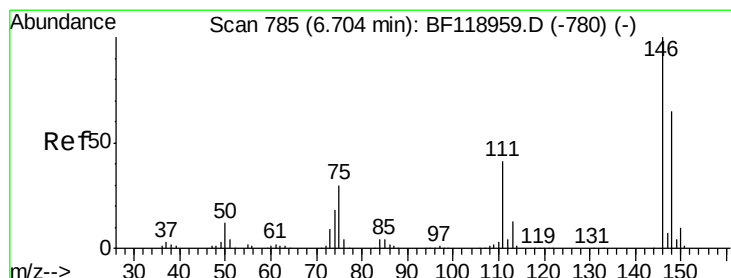
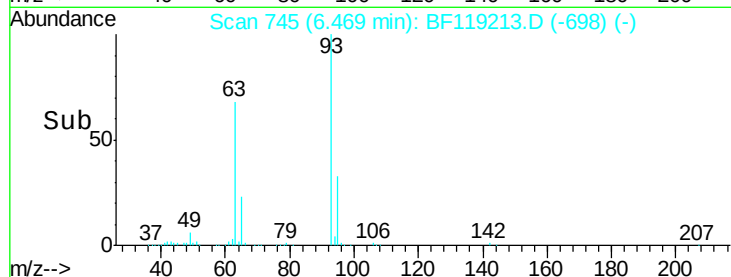
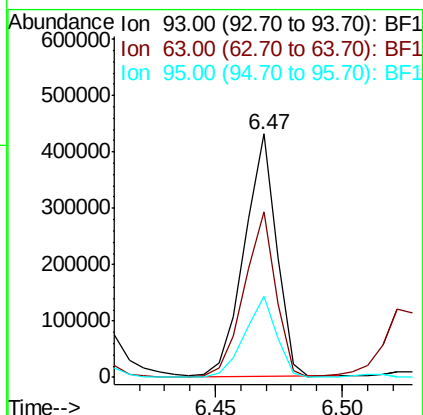
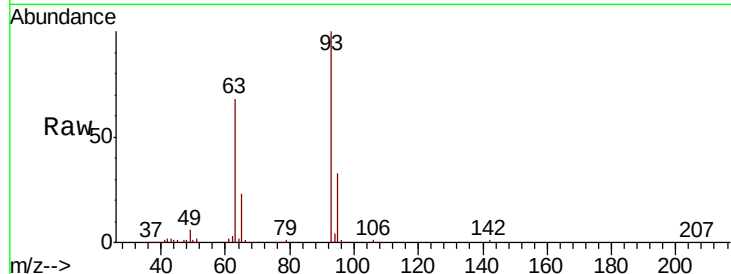
ClientSampleId :

PB127192BS

Tot Ion:	93	Resp:	381425
Ion Ratio	Lower	Upper	
93	100		
63	68.2	45.4	85.4
95	33.2	13.5	53.5

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM



#12

1,3-Dichlorobenzene

Concen: 44.155 ng

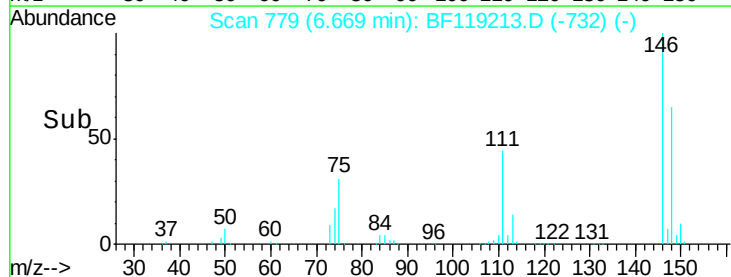
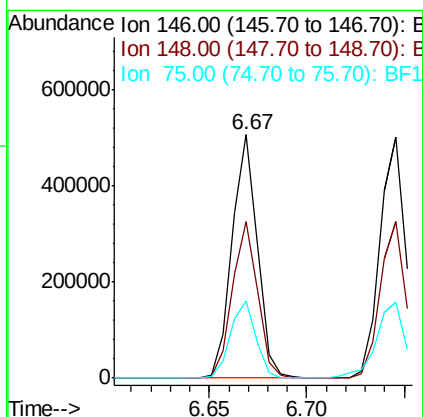
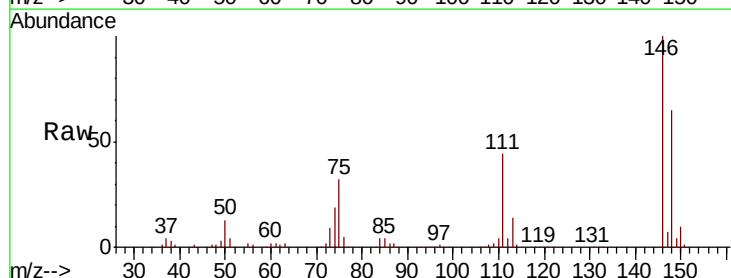
RT: 6.67 min Scan# 779

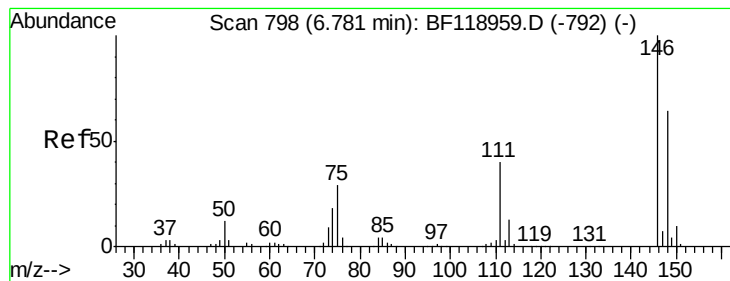
Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:	146	Resp:	452753
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.5	78.7
75	31.8	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 45.118 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

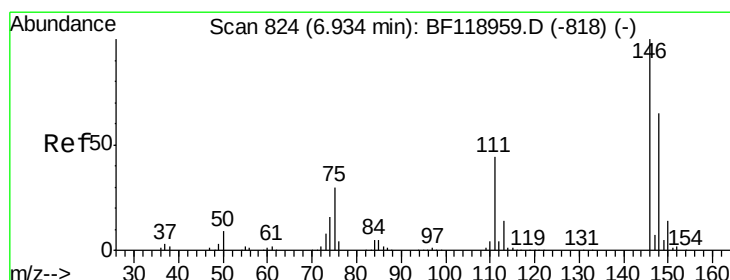
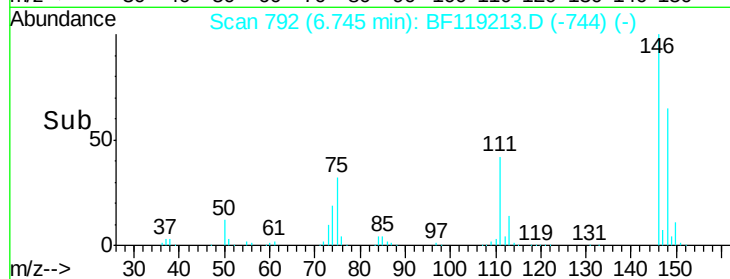
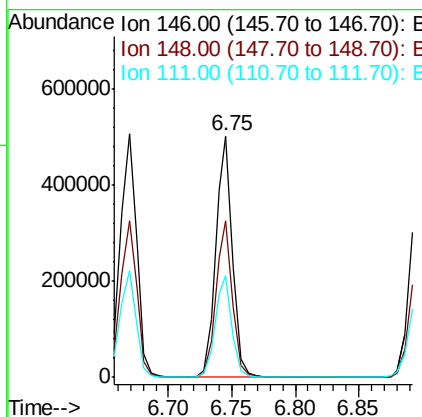
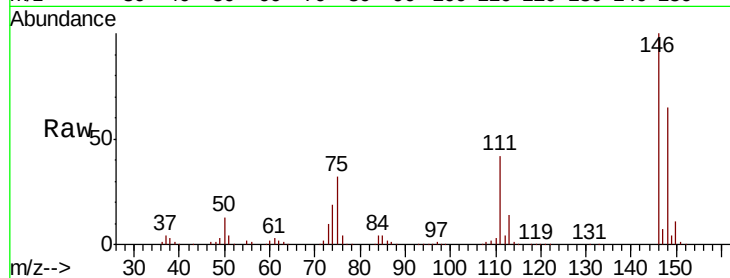
ClientSampleId :

PB127192BS

Tot Ion:	146	Resp:	462946
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.1	76.7
111	41.9	34.8	52.2

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM



#14

1,2-Dichlorobenzene

Concen: 45.969 ng

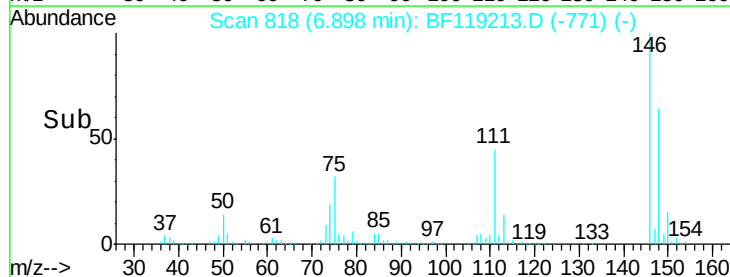
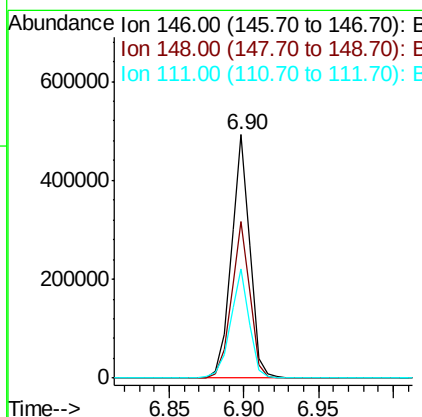
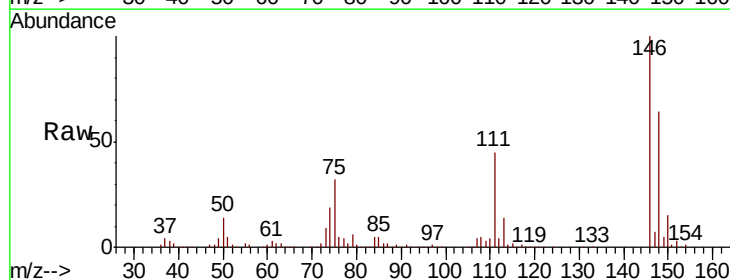
RT: 6.90 min Scan# 818

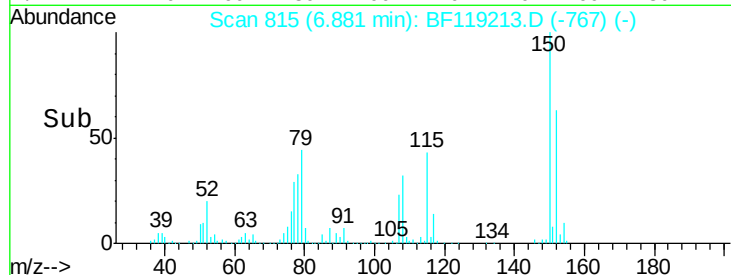
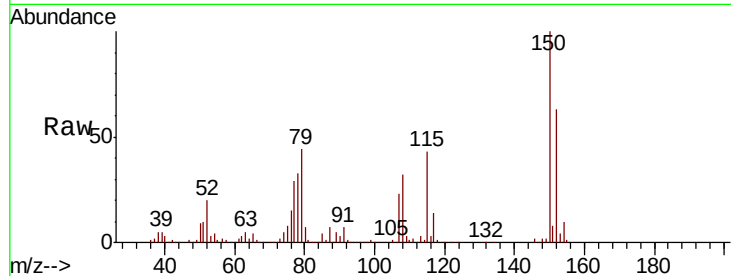
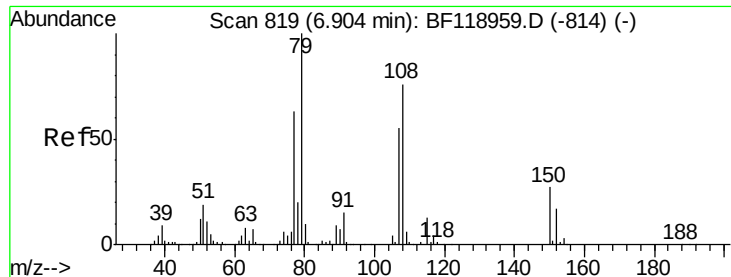
Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:	146	Resp:	430169
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.9	77.9
111	44.7	36.2	54.2





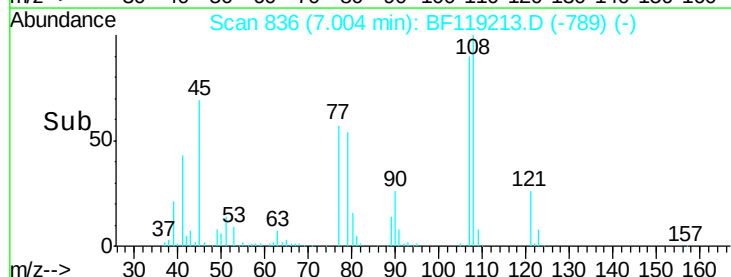
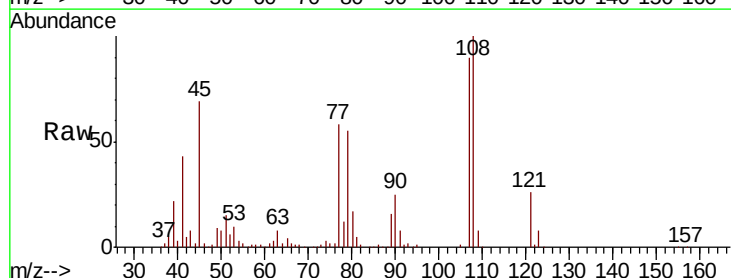
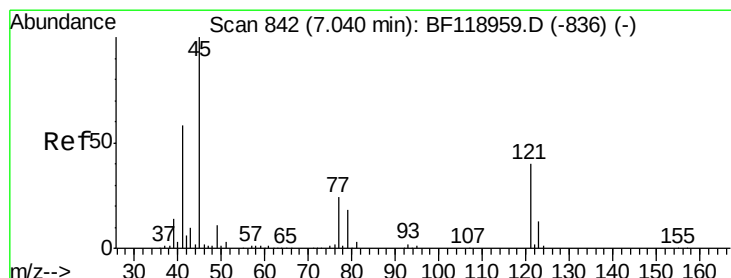
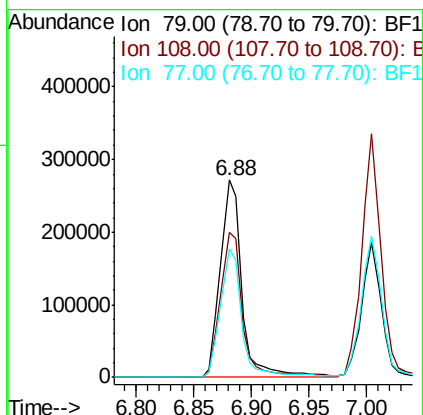
#15
Benzyl Alcohol
Concen: 51.345 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.6	58.2	87.2	
77	65.3	51.2	76.8	

Instrument :
BNA_F
ClientSampled :
PB127192BS

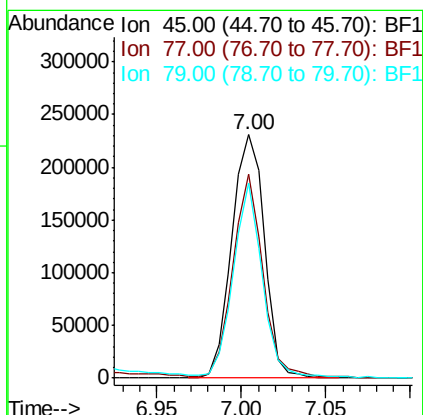
Manual Integrations
APPROVED

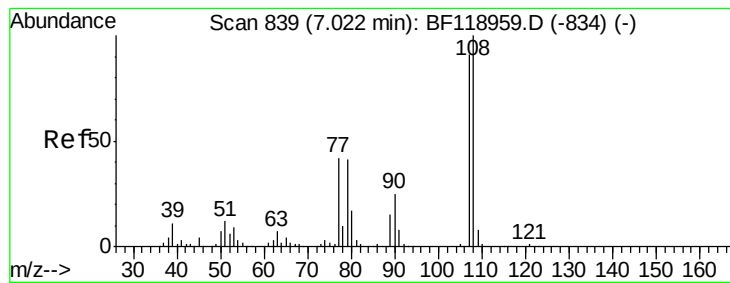
mohammad
3/9/2020 8:26:55 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.845 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	84.0	15.0	55.0#	
79	80.2	9.4	49.4#	





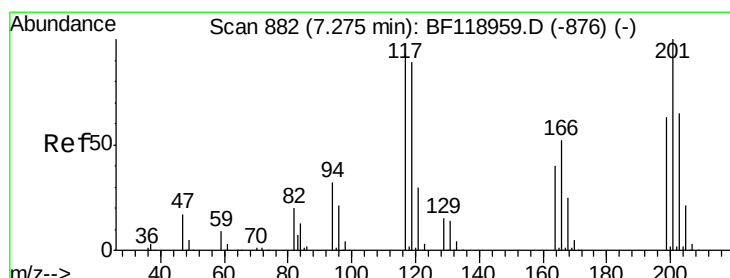
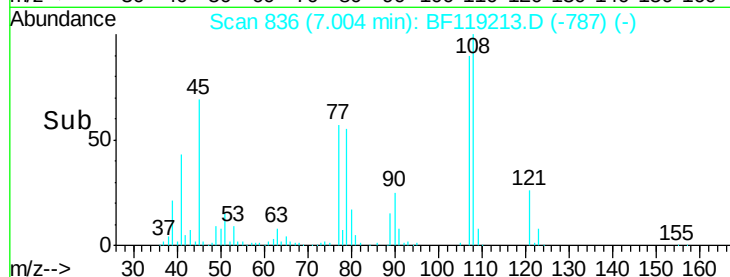
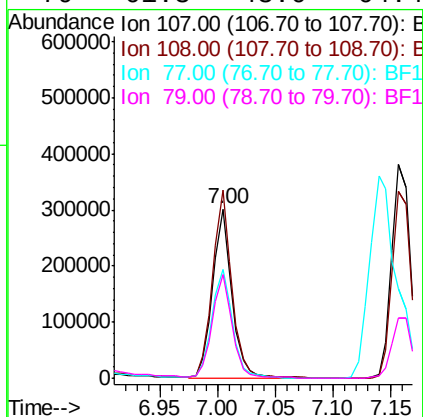
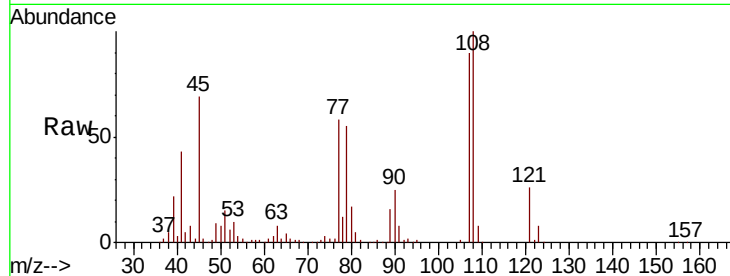
#17
2-Methylphenol
Concen: 50.668 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	87.9	131.9	
77	64.2	45.3	67.9	
79	61.3	43.0	64.4	

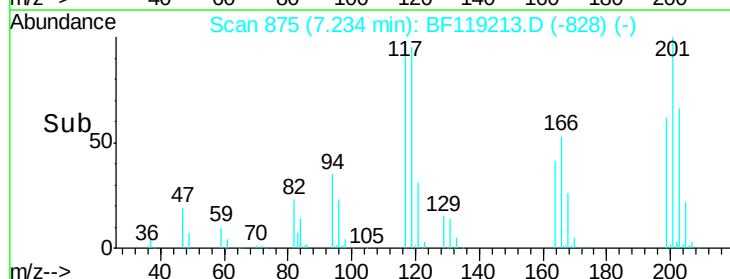
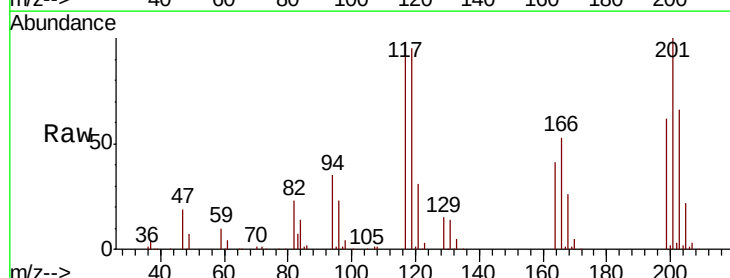
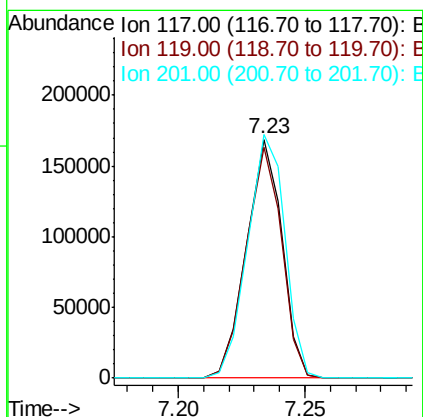
Manual Integrations
APPROVED

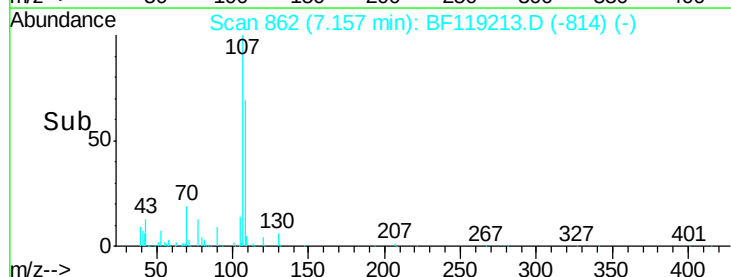
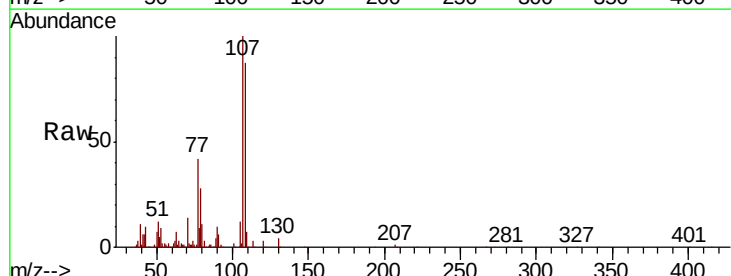
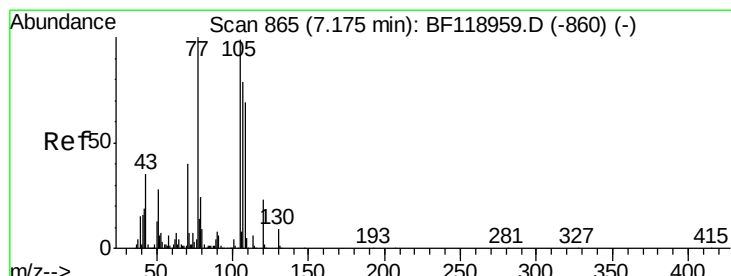
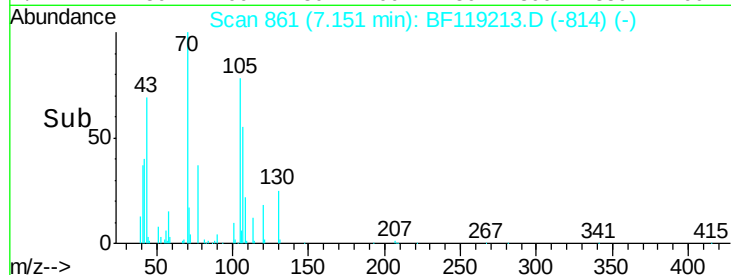
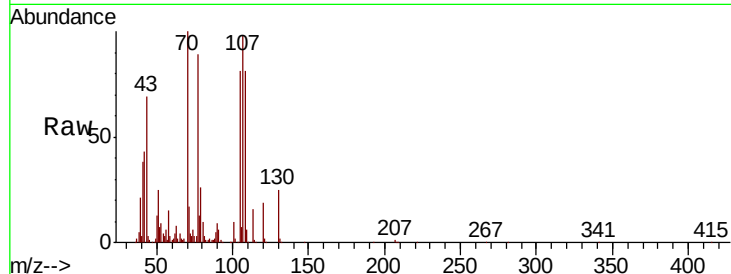
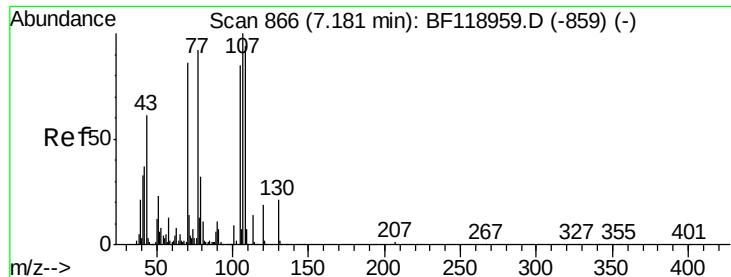
mohammad
3/9/2020 8:26:55 AM



#18
Hexachloroethane
Concen: 45.073 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

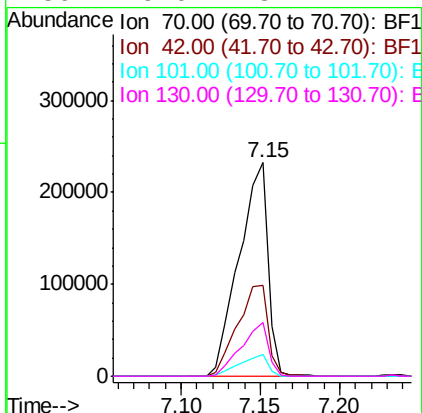
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.5	116.3	
201	102.1	82.6	123.8	





#19
n-Nitroso-di-n-propylamine
Concen: 52.197 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	38.0	57.0
101	10.3	8.2	12.4
130	25.0	18.2	27.4



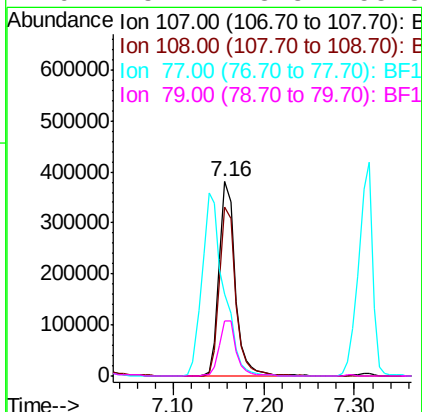
Instrument :
BNA_F
ClientSampleId :
PB127192BS

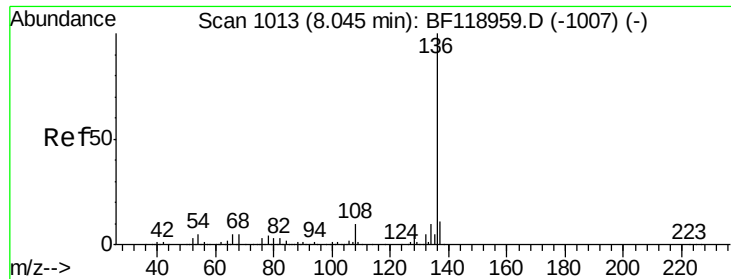
Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM

#20
3+4-Methylphenols
Concen: 54.387 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.5	111.5
77	42.0	45.9	85.9#
79	28.4	13.8	53.8





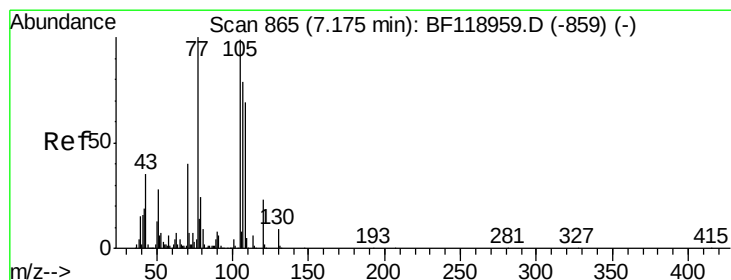
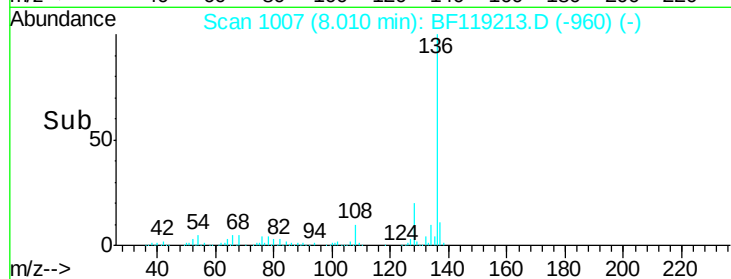
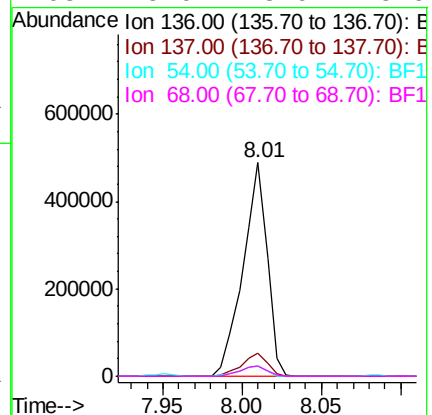
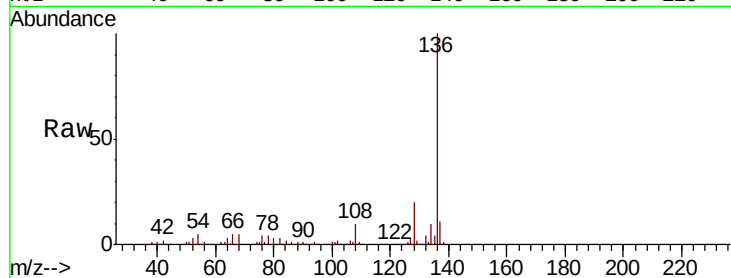
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.9	3.8	5.6
68	5.0	3.9	5.9

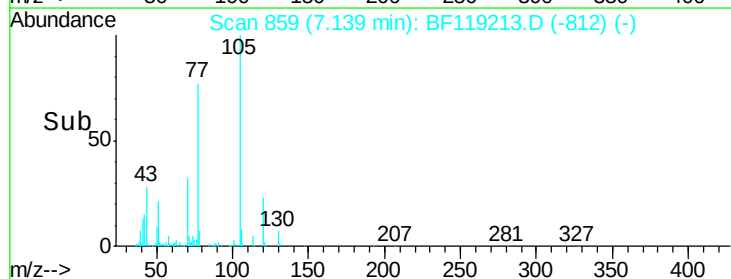
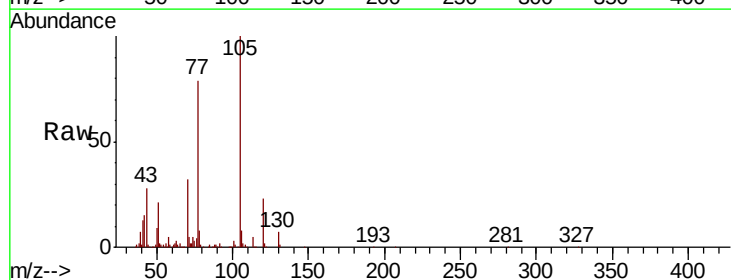
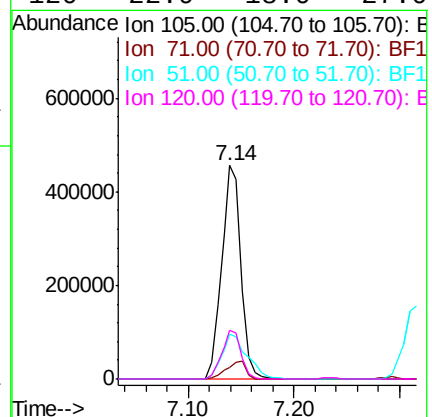
Manual Integrations
APPROVED

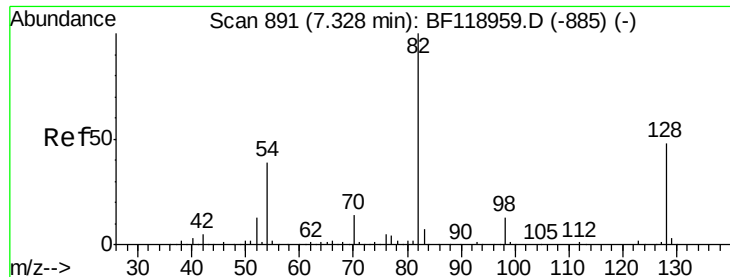
mohammad
3/9/2020 8:26:55 AM



#22
Acetophenone
Concen: 48.730 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.3	3.0	4.4#
51	21.1	20.1	30.1
120	22.9	18.0	27.0





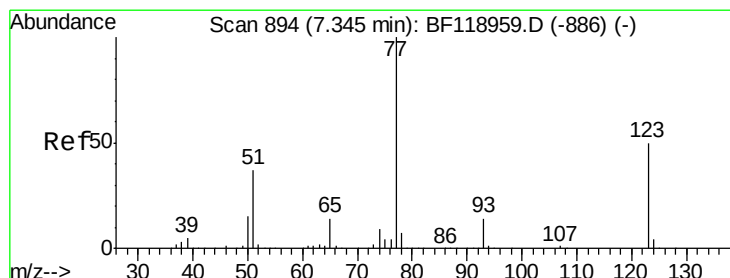
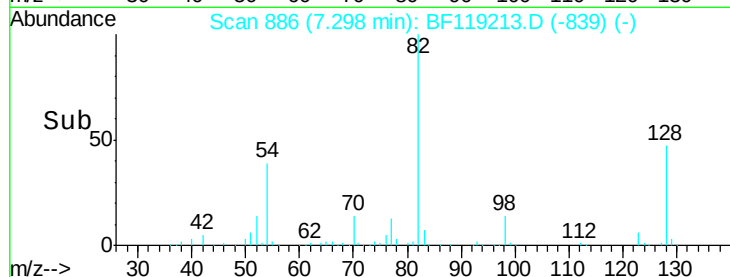
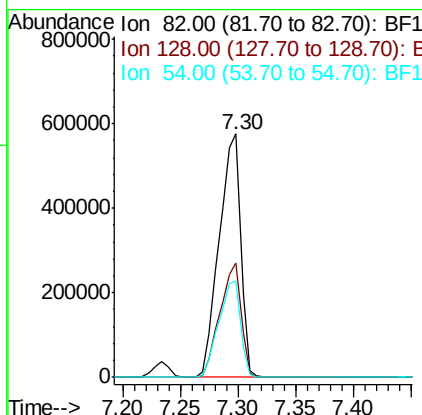
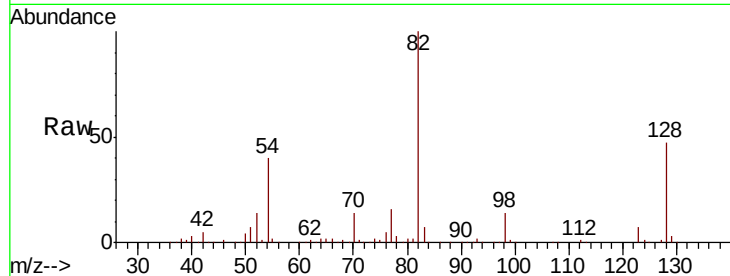
#23
 Nitrobenzene-d5
 Concen: 76.121 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.9	56.9
54	39.6	33.4	50.2

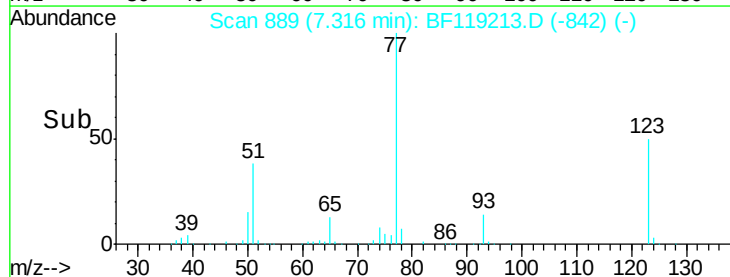
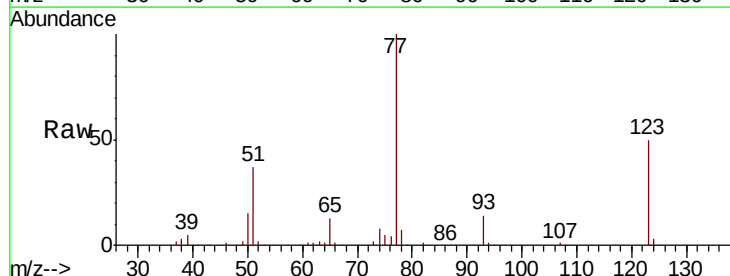
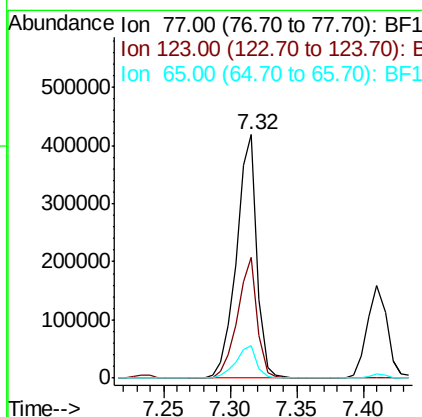
Manual Integrations
 APPROVED

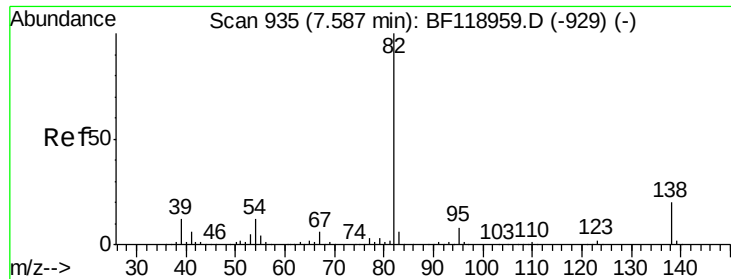
mohammad
 3/9/2020 8:26:55 AM



#24
 Nitrobenzene
 Concen: 46.097 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	40.2	60.2
65	13.4	10.8	16.2





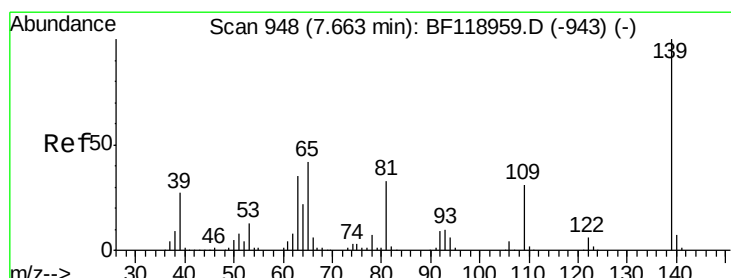
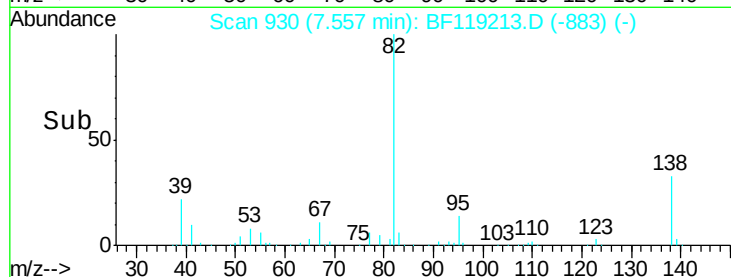
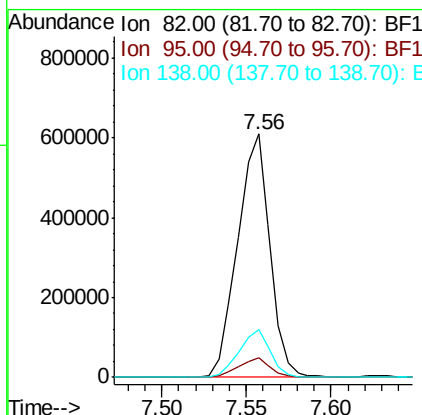
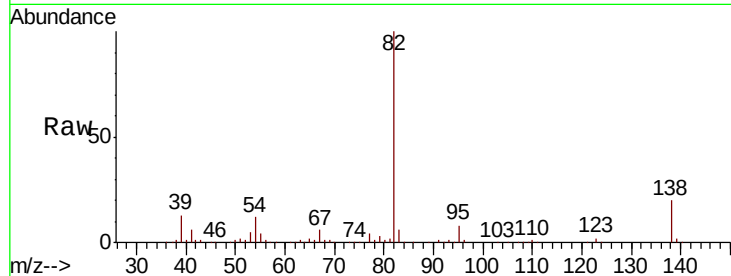
#25
Isophorone
Concen: 47.689 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	811763		
95	8.1		6.4	9.6
138	19.6		15.7	23.5

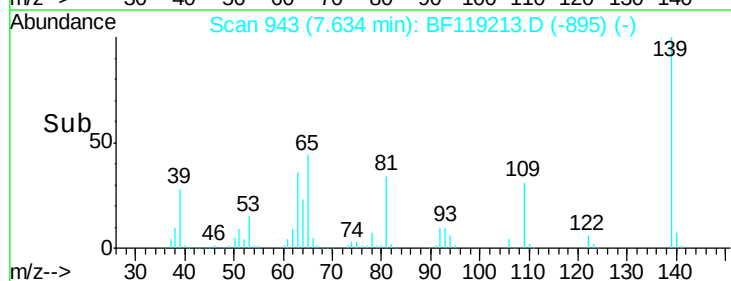
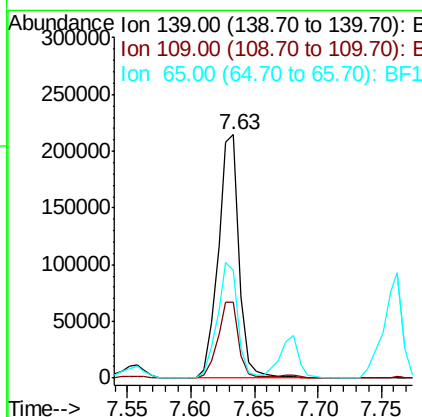
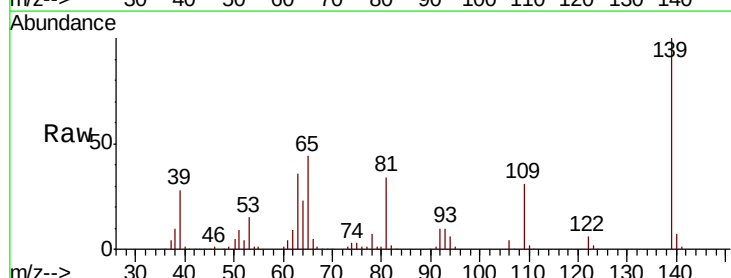
Manual Integrations
APPROVED

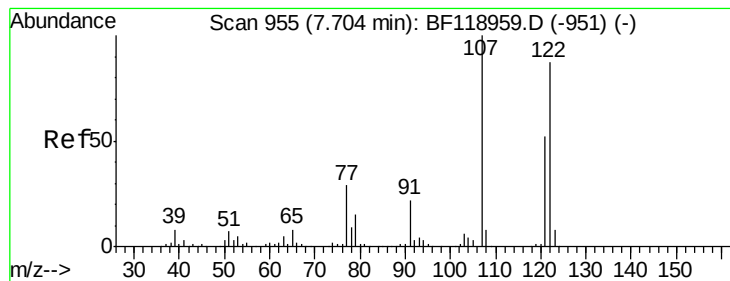
mohammad
3/9/2020 8:26:55 AM



#26
2-Nitrophenol
Concen: 47.939 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	246194		
109	31.1		25.7	38.5
65	44.2		37.1	55.7





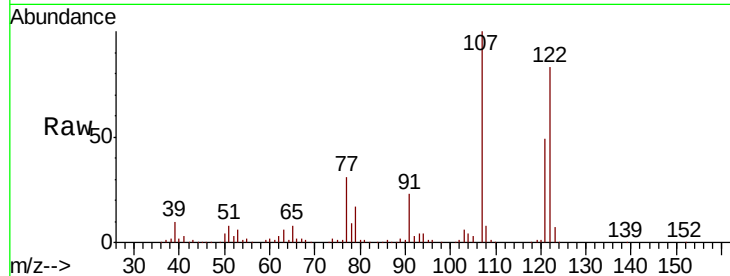
#27
 2,4-Dimethylphenol
 Concen: 54.199 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	93.8	140.6
121	59.8	48.2	72.2

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:55 AM

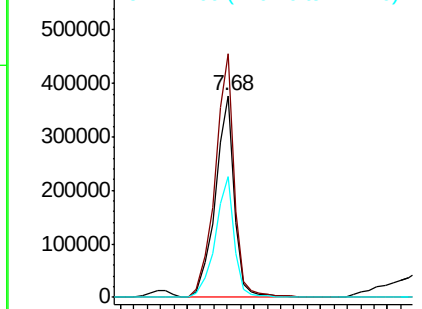


Abundance

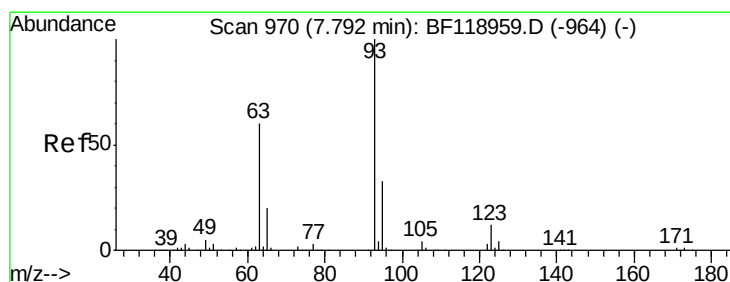
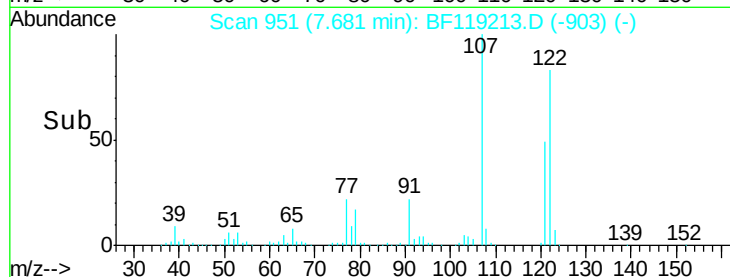
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

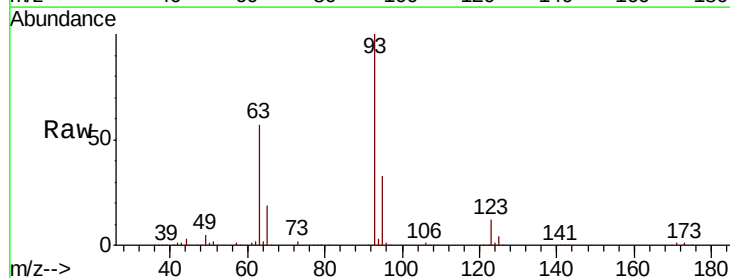


Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.796 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	12.1	10.2	15.2

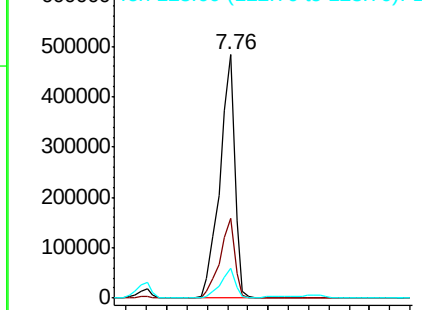


Abundance

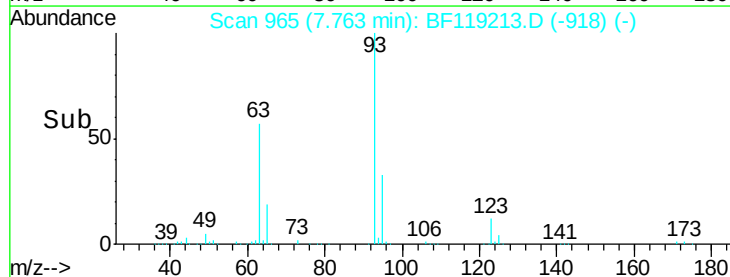
Ion 93.00 (92.70 to 93.70): BF1

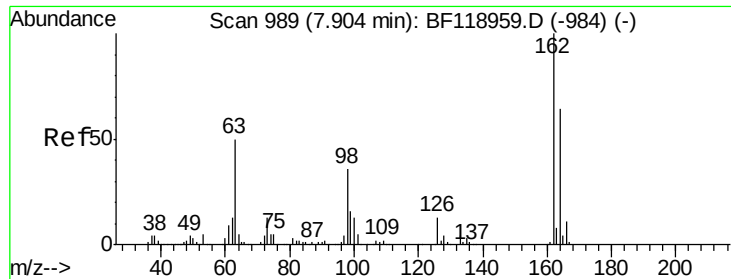
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->





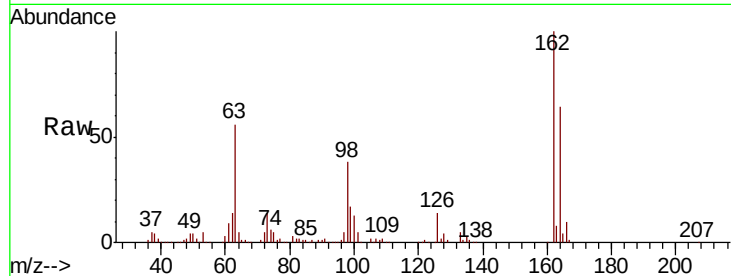
#29
2,4-Dichlorophenol
Concen: 46.910 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	384902		
164	64.0	45.2	85.2	
98	38.0	17.4	57.4	

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM

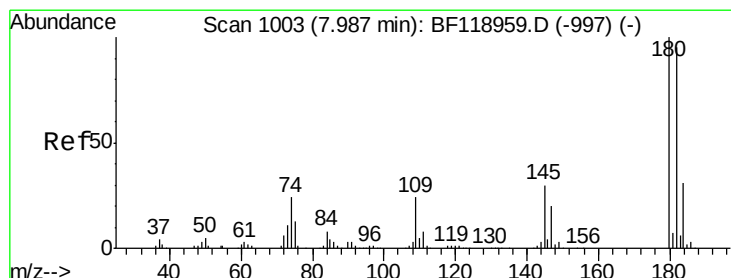
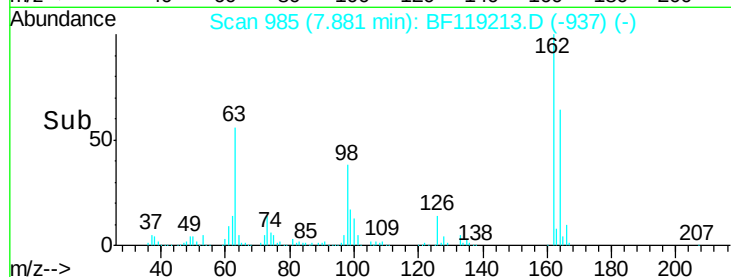
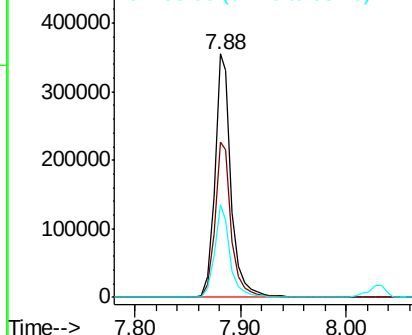


Abundance

Ion 162.00 (161.70 to 162.70): E

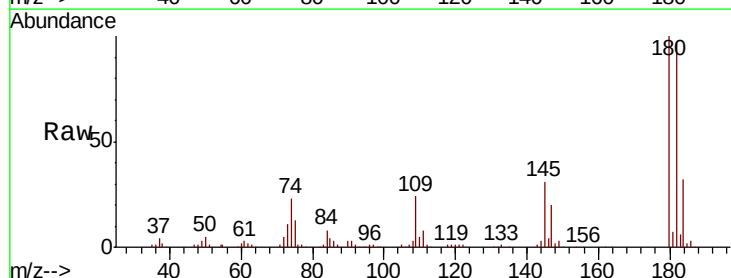
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.788 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	416258		
182	97.2	77.8	116.6	
145	30.8	25.2	37.8	

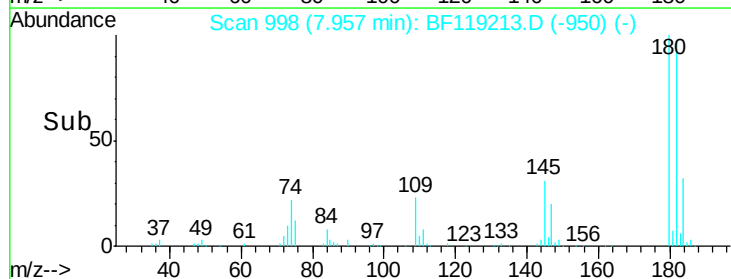
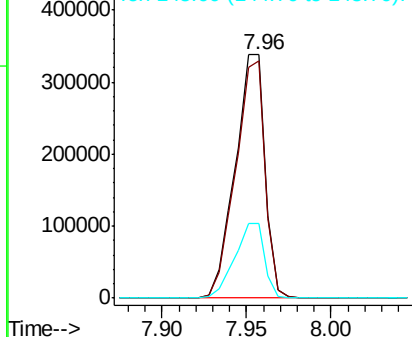


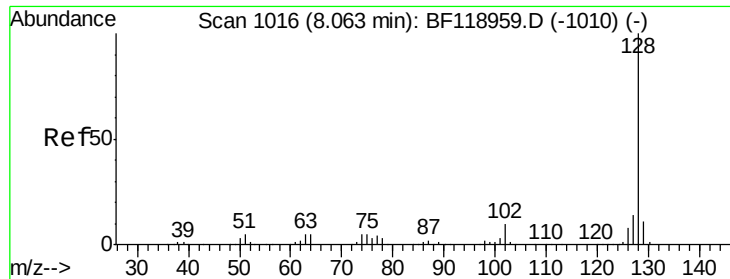
Abundance

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





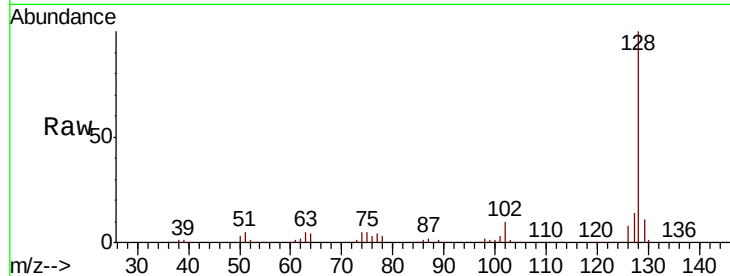
#31
Naphthalene
Concen: 45.771 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

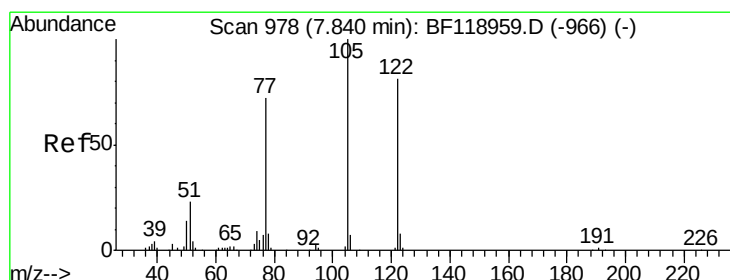
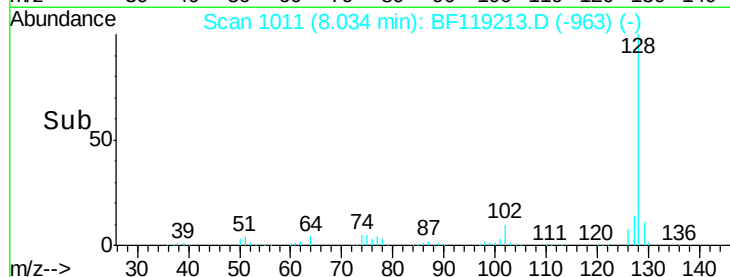
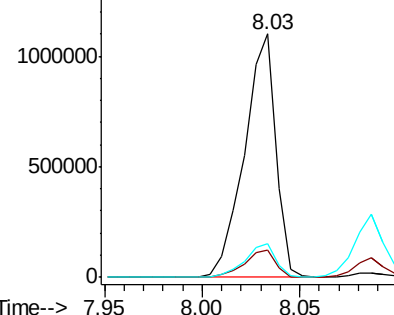
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.9	11.4	17.2

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM

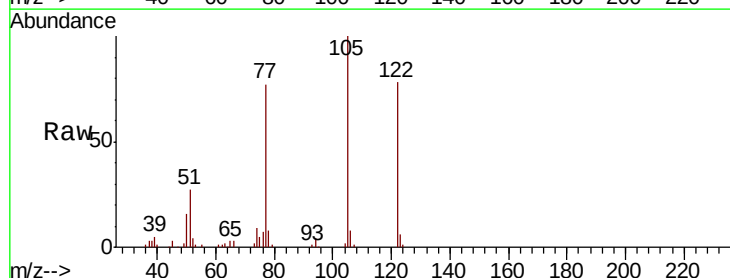


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

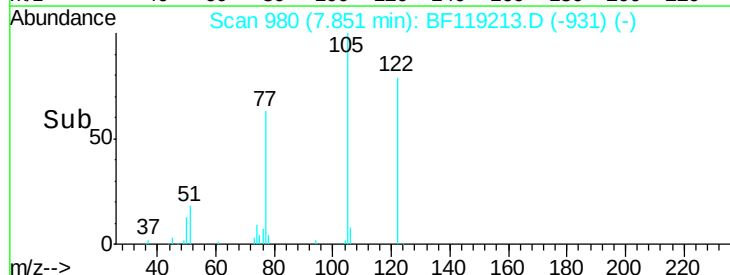
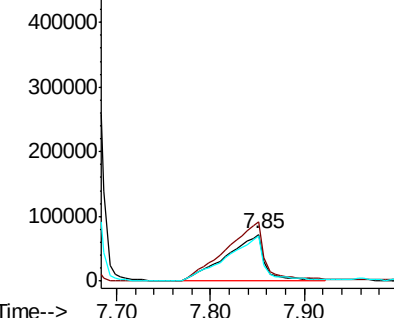


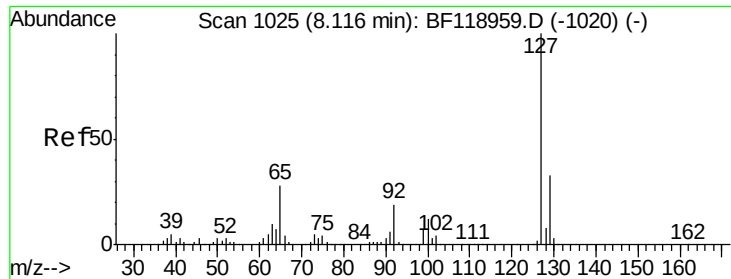
#32
Benzoic acid
Concen: 41.272 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	106.3	146.3
77	98.0	73.1	113.1



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





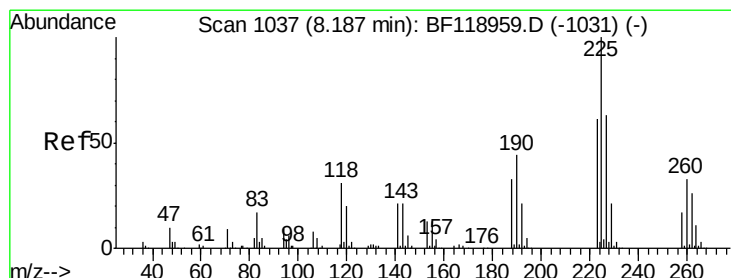
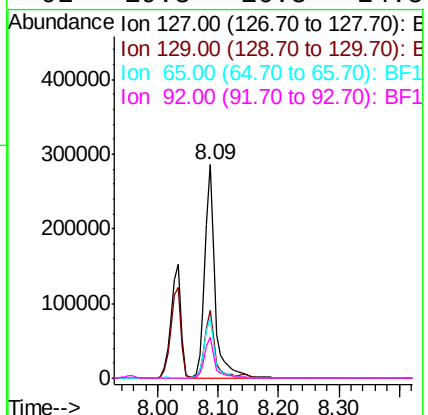
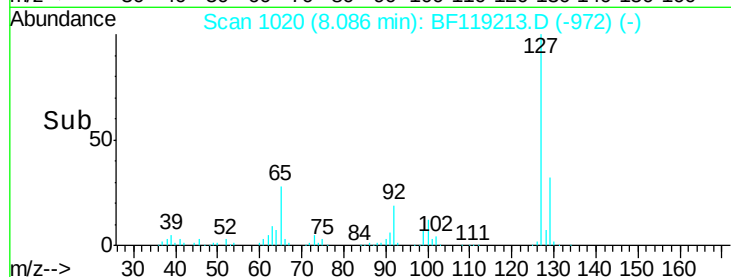
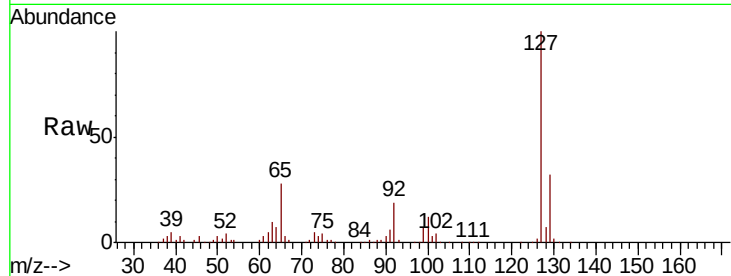
#33
4-Chloroaniline
Concen: 29.671 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	27.9	23.9	35.9	
92	19.3	16.3	24.5	

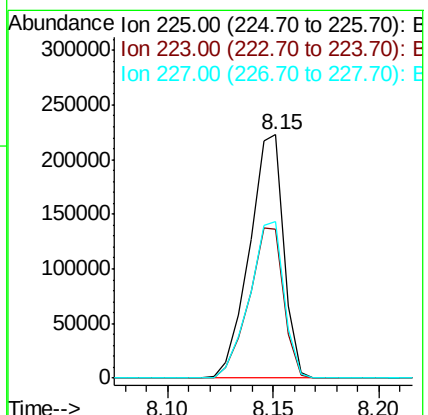
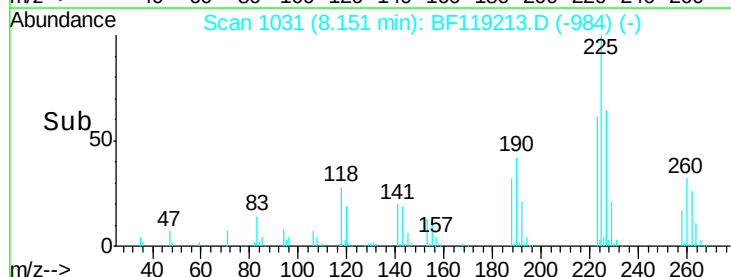
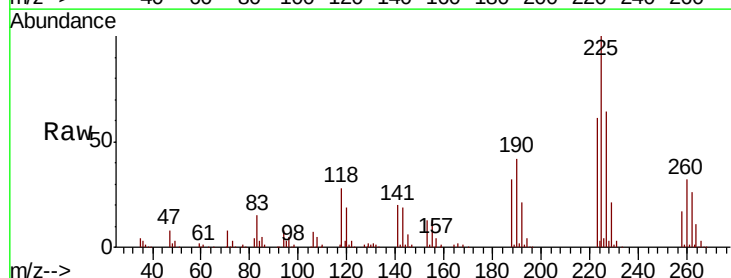
Manual Integrations
APPROVED

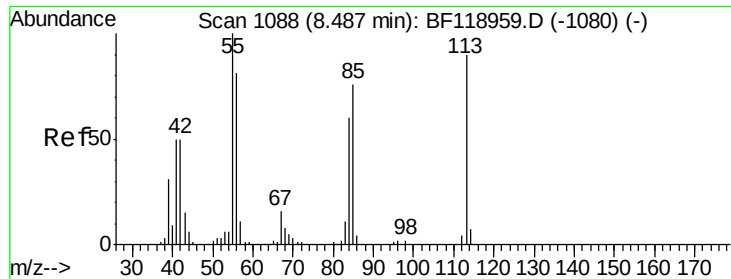
mohammad
3/9/2020 8:26:55 AM



#34
Hexachlorobutadiene
Concen: 41.484 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	49.4	74.2	
227	64.2	52.9	79.3	





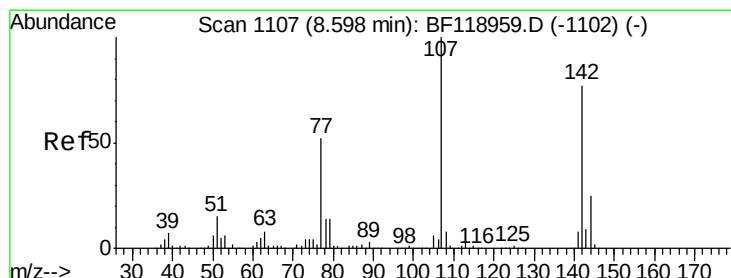
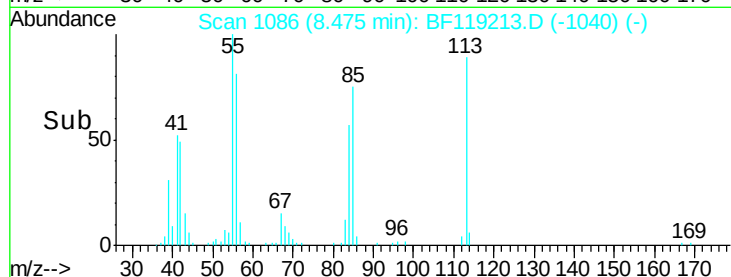
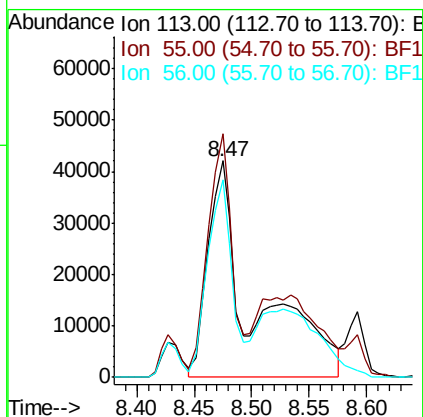
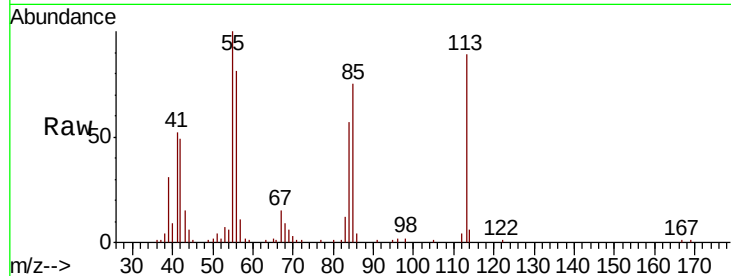
#35
Caprolactam
Concen: 45.695 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. -0.03 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.5	95.7	135.7
56	91.5	73.1	113.1

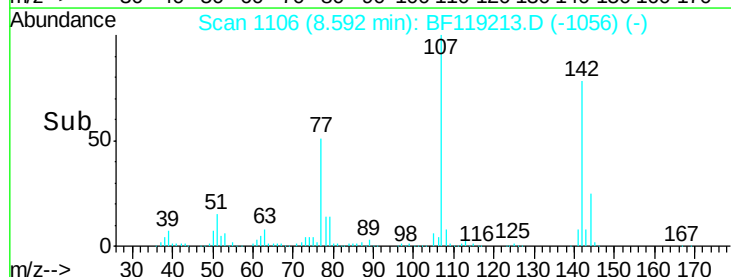
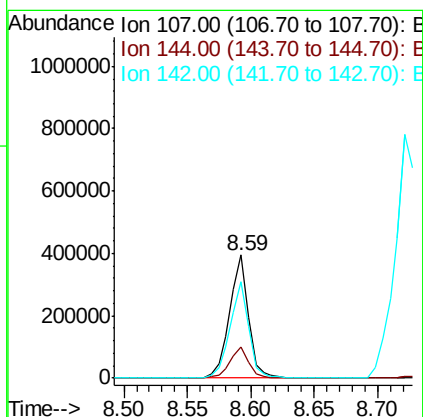
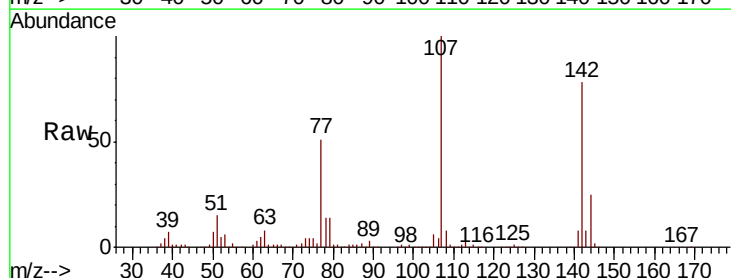
Manual Integrations
APPROVED

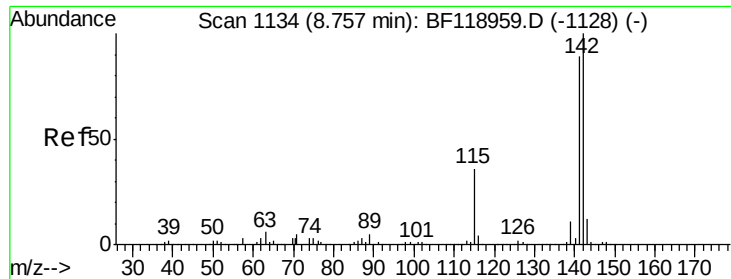
mohammad
3/9/2020 8:26:55 AM



#36
4-Chloro-3-methylphenol
Concen: 49.419 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	78.2	61.4	92.2





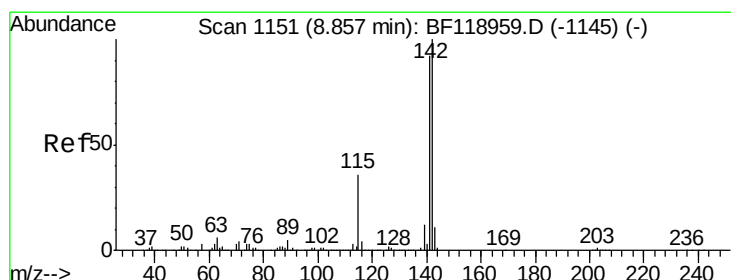
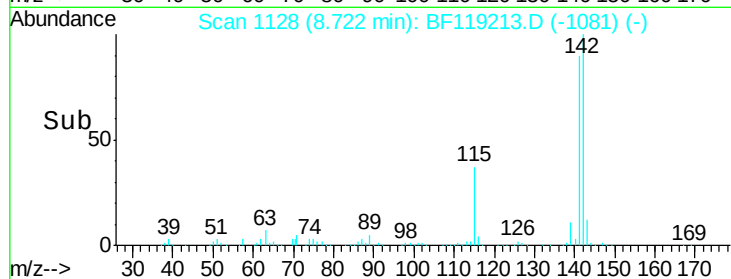
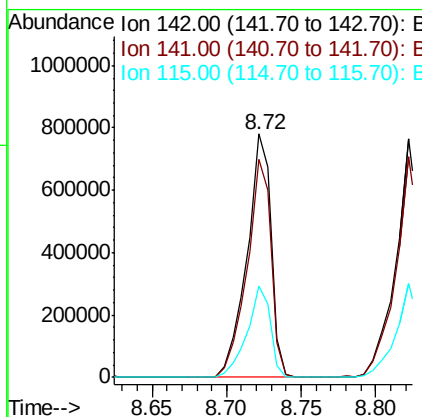
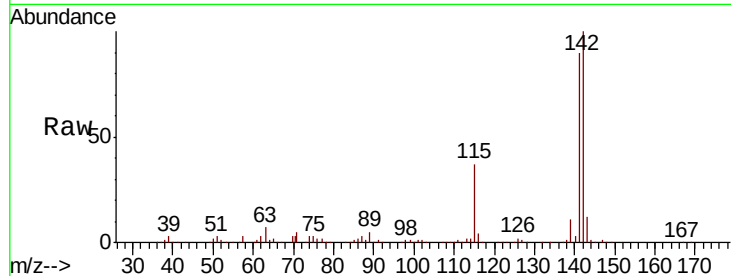
#37
2-Methylnaphthalene
Concen: 48.123 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	37.3	30.6	45.8

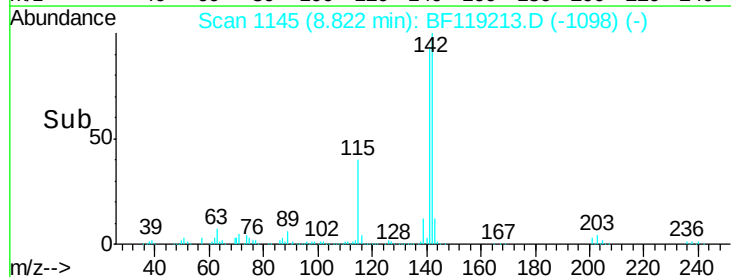
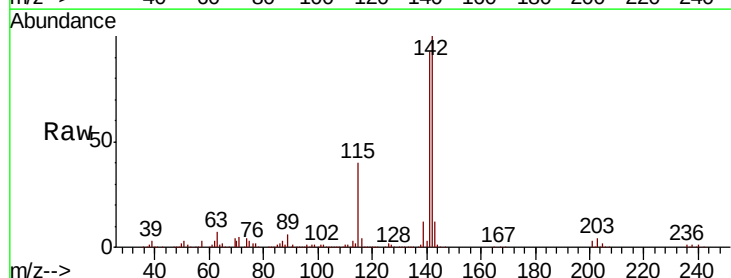
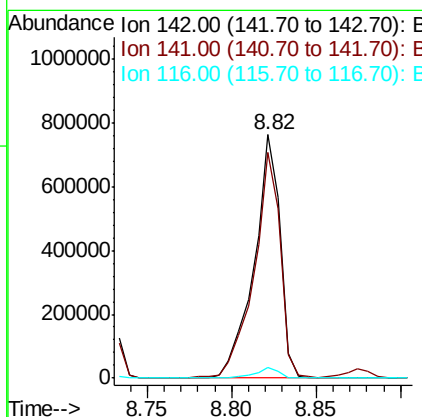
Manual Integrations
APPROVED

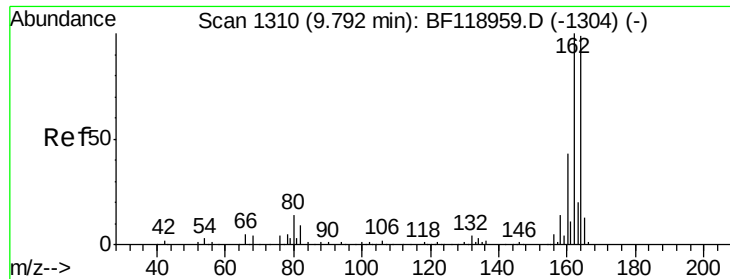
mohammad
3/9/2020 8:26:55 AM



#38
1-Methylnaphthalene
Concen: 48.052 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.6
116	4.2	3.1	4.7





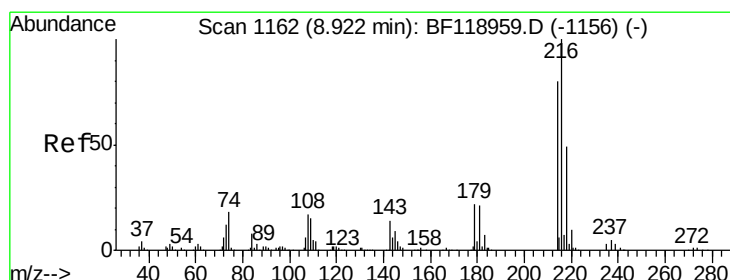
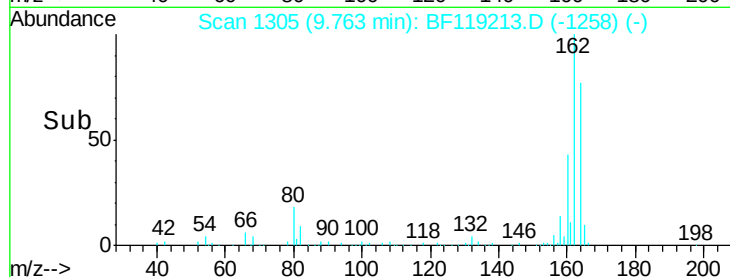
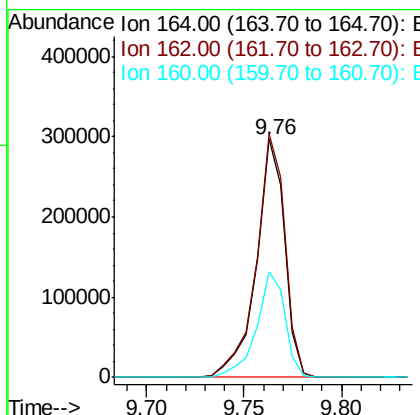
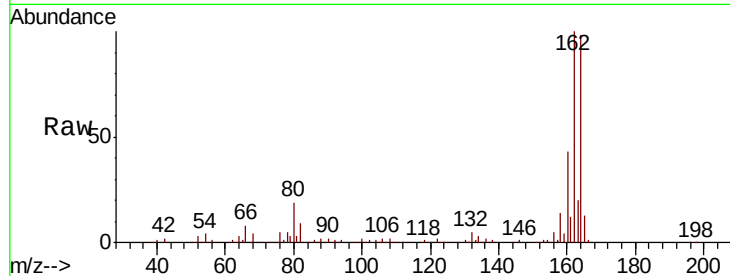
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.8	122.8	
160	44.3	36.0	54.0	

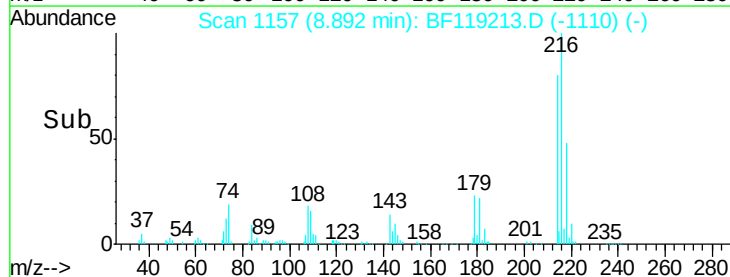
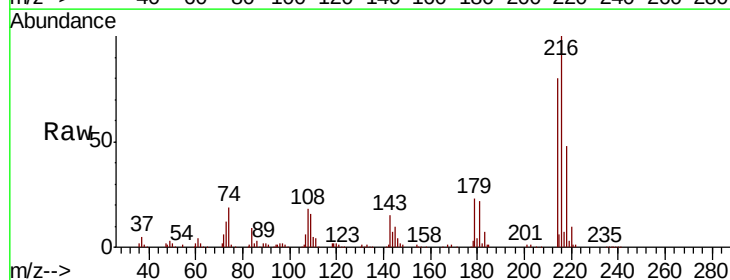
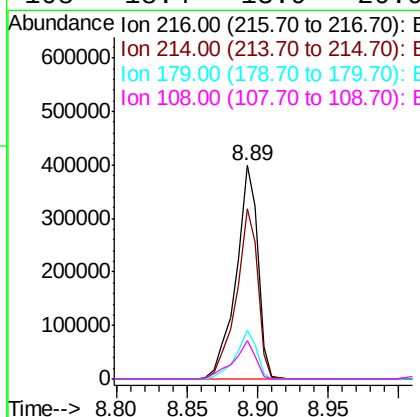
Manual Integrations
APPROVED

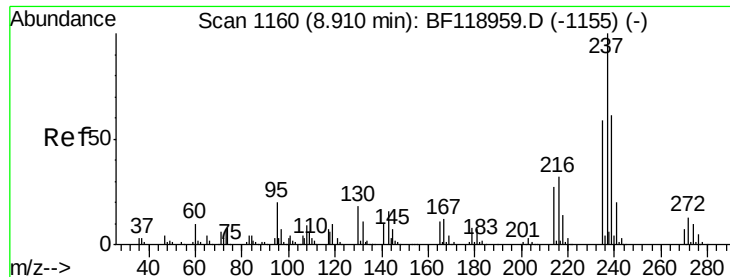
mohammad
3/9/2020 8:26:55 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.578 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.3	94.9	
179	21.9	17.7	26.5	
108	18.4	13.9	20.9	





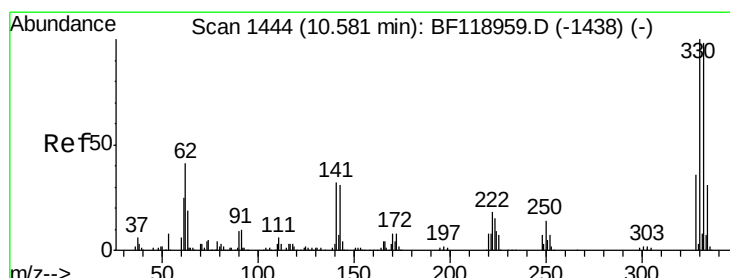
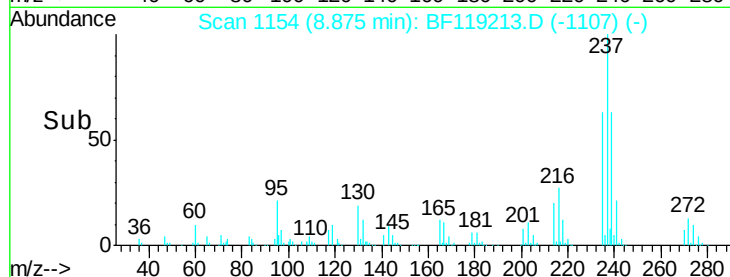
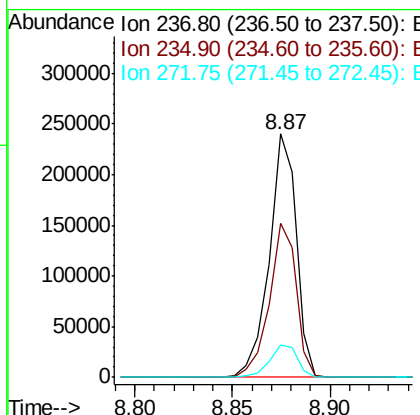
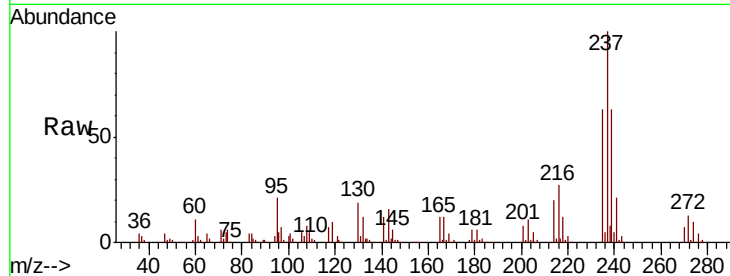
#41
Hexachlorocyclopentadiene
Concen: 65.004 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	230647		
235	63.4	42.3	82.3	
272	13.2	0.0	33.5	

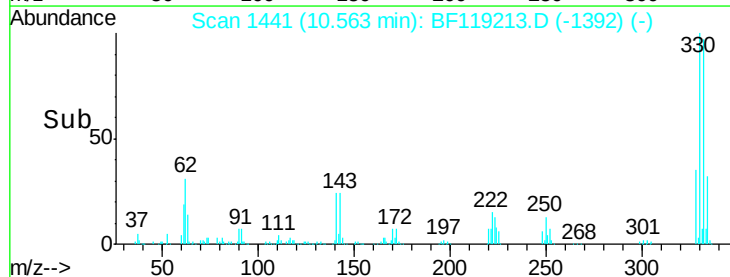
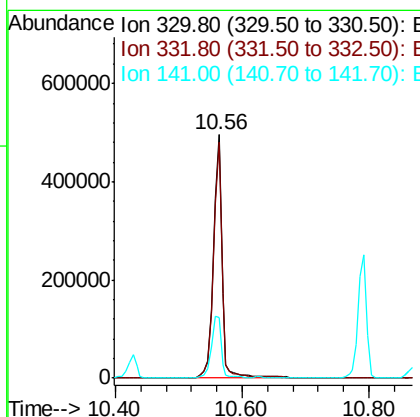
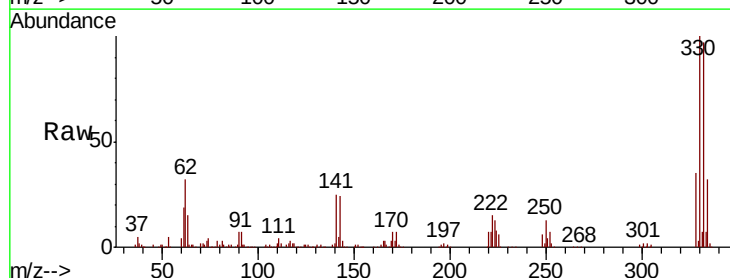
Manual Integrations
APPROVED

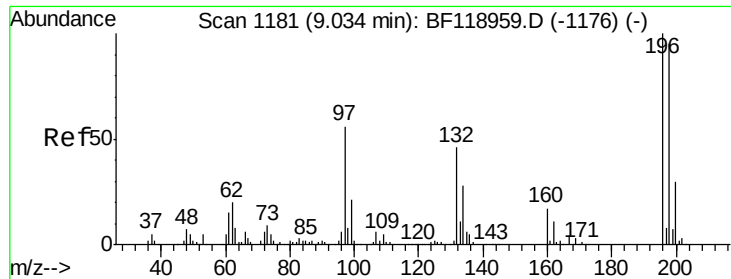
mohammad
3/9/2020 8:26:55 AM



#42
2,4,6-Tribromophenol
Concen: 123.059 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	480161		
332	96.2	76.0	114.0	
141	28.6	22.9	34.3	





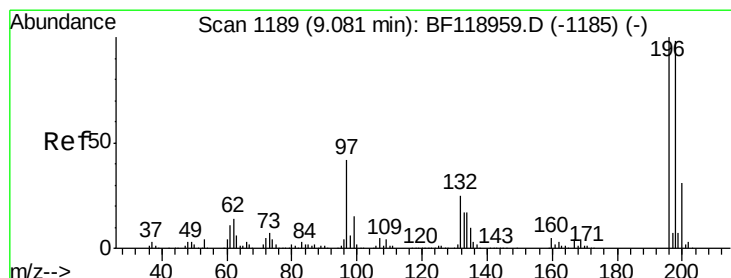
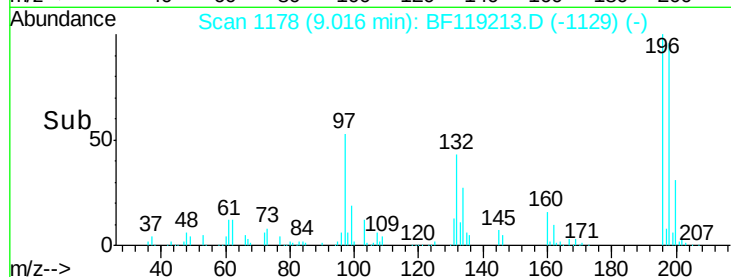
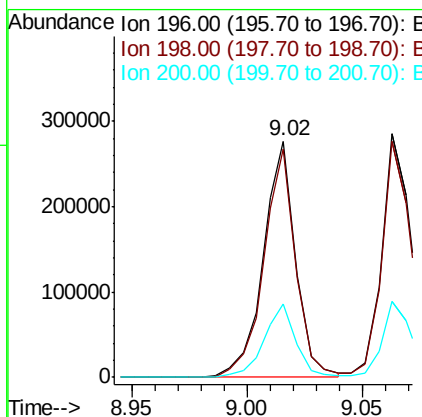
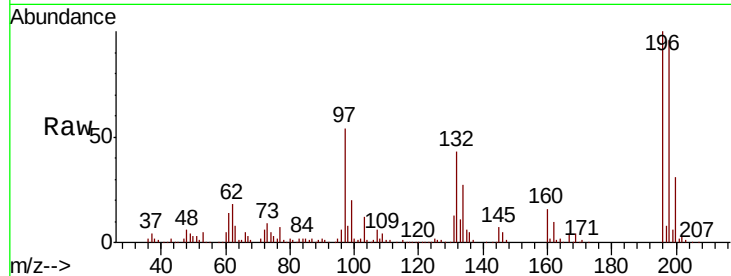
#43
 2,4,6-Trichlorophenol
 Concen: 42.312 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268707		
198	96.5	77.1	115.7	
200	31.0	25.0	37.6	

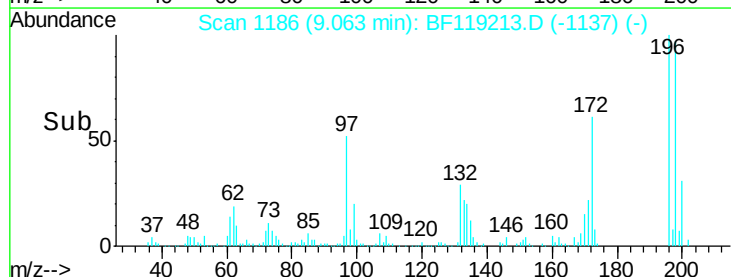
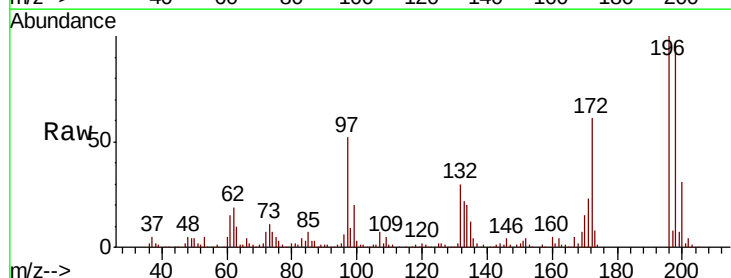
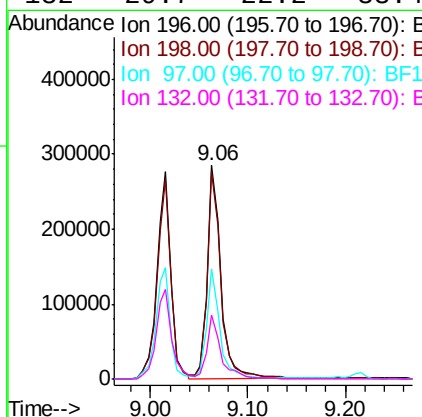
Manual Integrations
 APPROVED

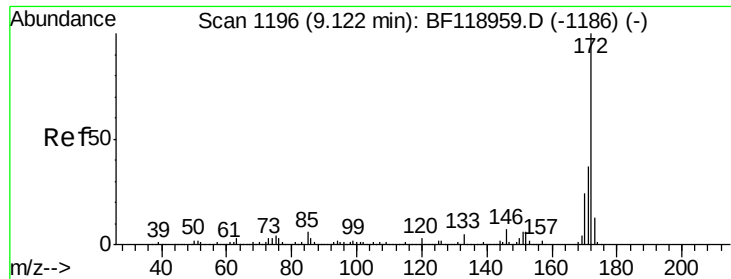
mohammad
 3/9/2020 8:26:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.104 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280580		
198	96.9	76.8	115.2	
97	51.9	38.5	57.7	
132	29.7	22.2	33.4	





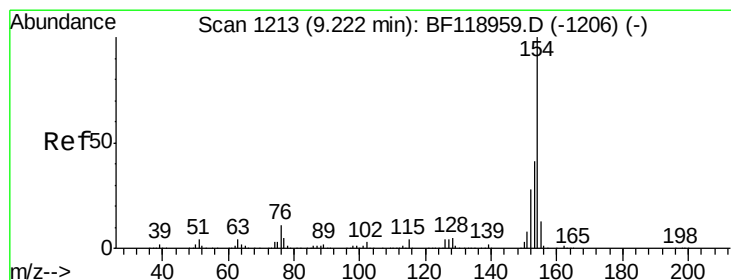
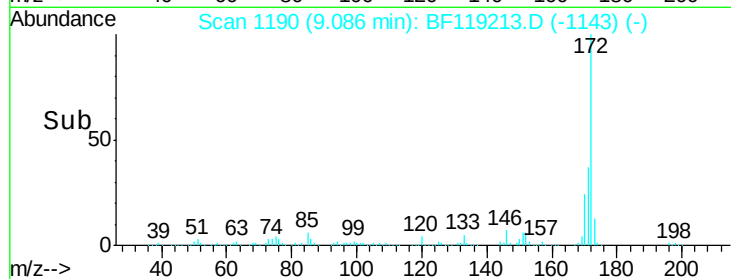
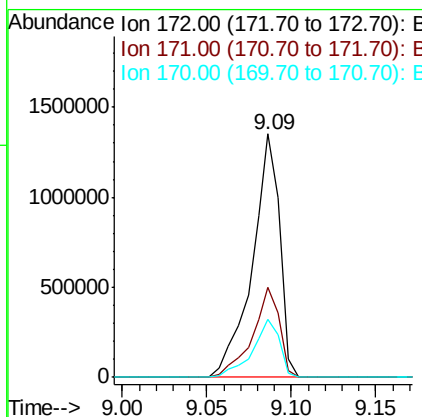
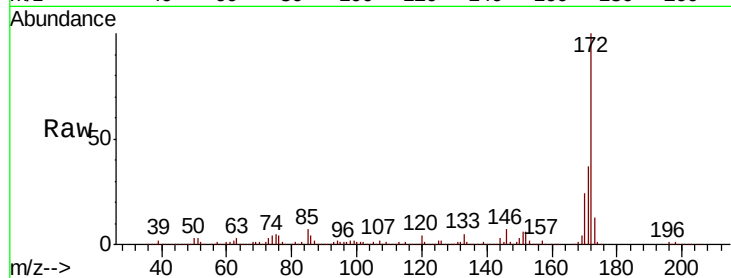
#45
2-Fluorobiphenyl
Concen: 75.516 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.0	20.2	30.2

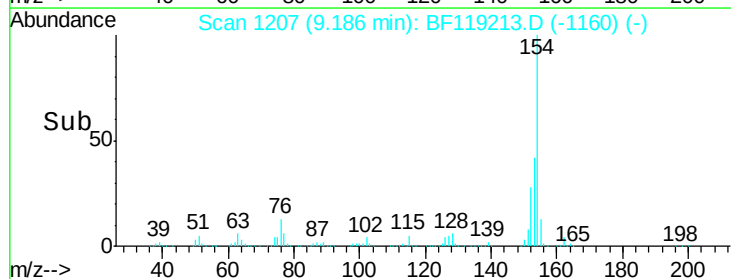
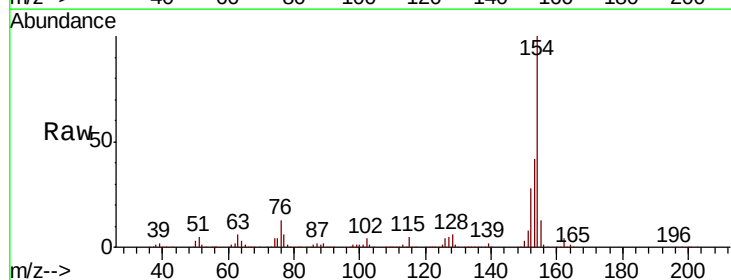
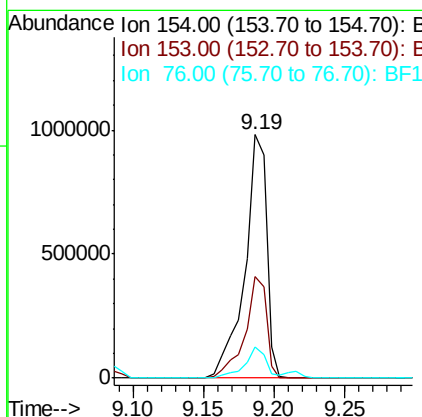
Manual Integrations
APPROVED

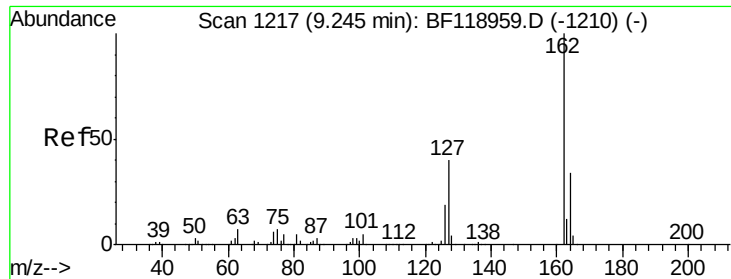
mohammad
3/9/2020 8:26:55 AM



#46
1,1'-Biphenyl
Concen: 44.098 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.7	0.0	32.2





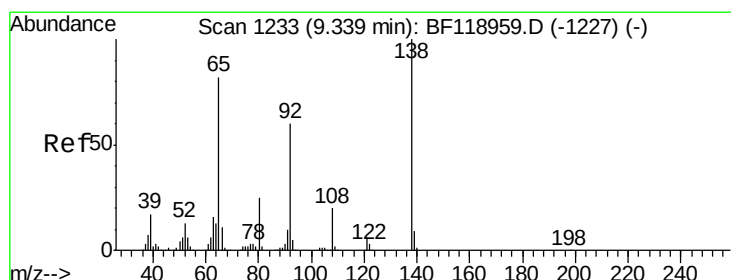
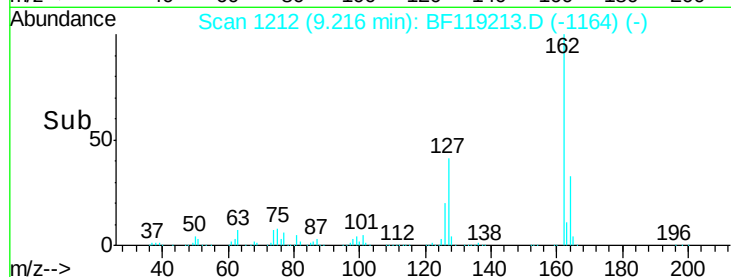
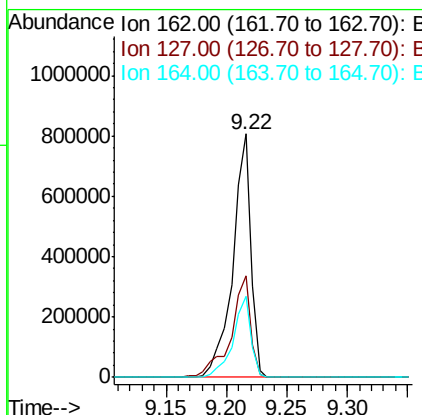
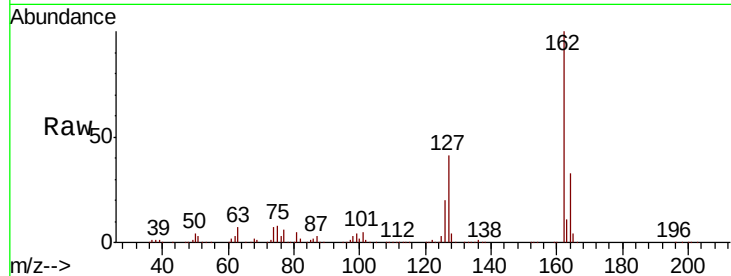
#47
 2-Chloronaphthalene
 Concen: 43.298 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.0	52.4
164	33.1	27.2	40.8

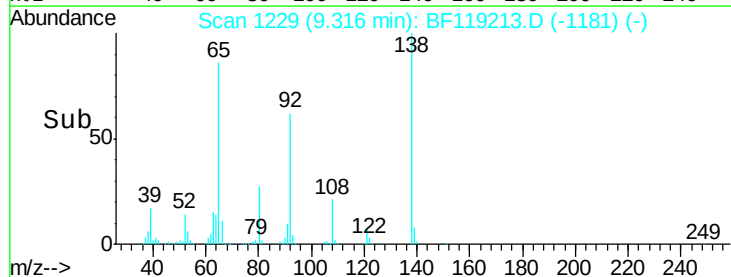
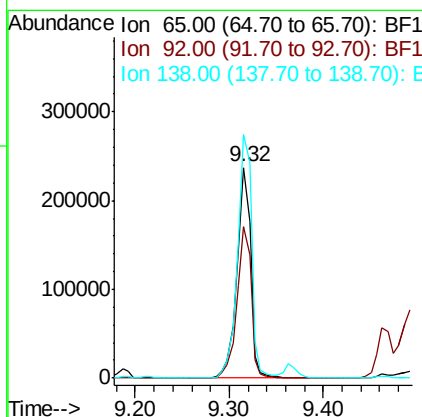
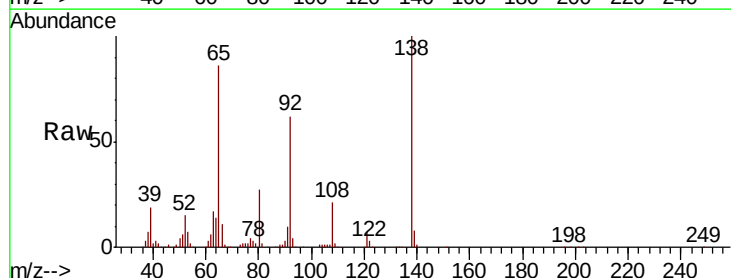
Manual Integrations
 APPROVED

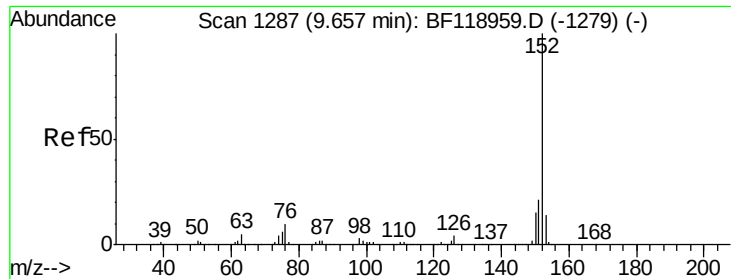
mohammad
 3/9/2020 8:26:55 AM



#48
 2-Nitroaniline
 Concen: 45.035 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.2	87.2
138	115.6	95.6	143.4





#49

Acenaphthylene

Concen: 45.490 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

PB127192BS

Tot Ion:152 Resp: 1276318

Ion Ratio Lower Upper

152 100

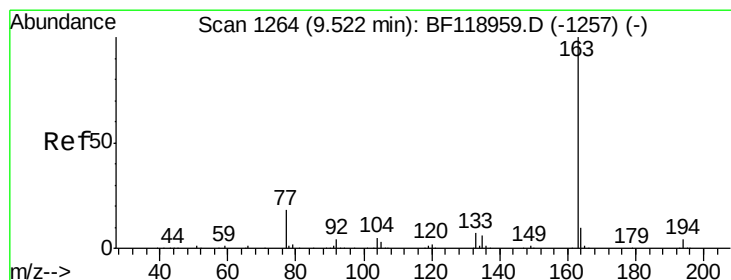
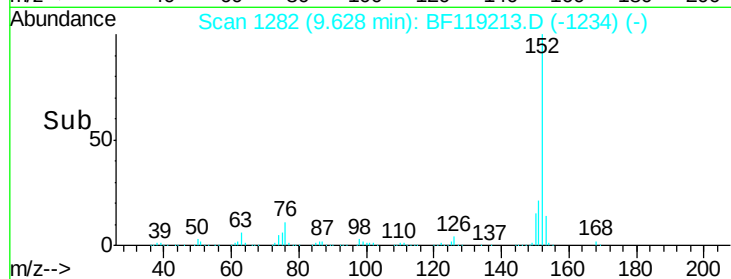
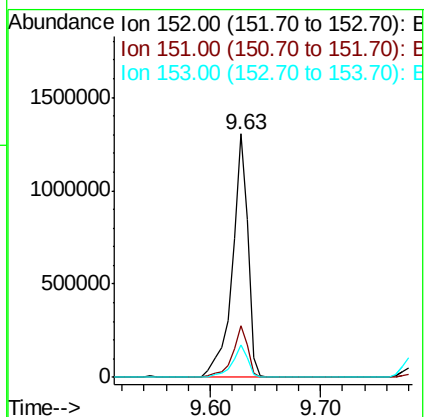
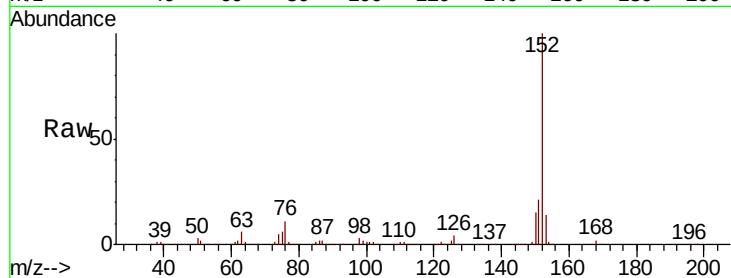
151 21.0 16.9 25.3

153 13.5 11.0 16.6

Manual Integrations
APPROVED

mohammad

3/9/2020 8:26:55 AM



#50

Dimethylphthalate

Concen: 45.209 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

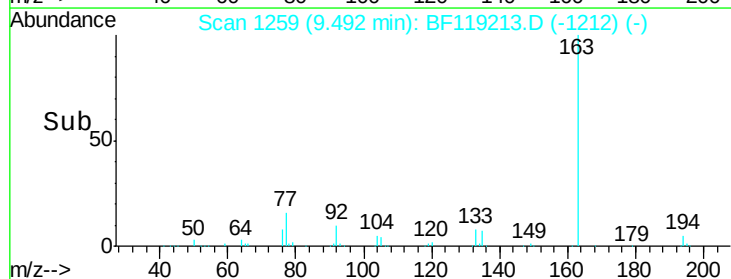
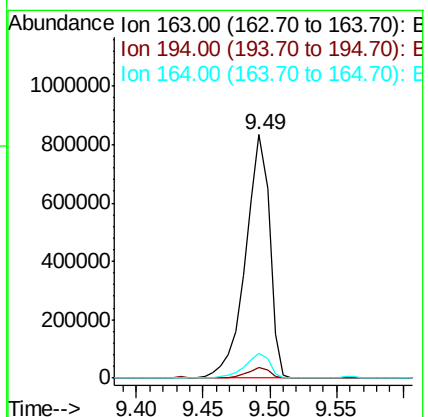
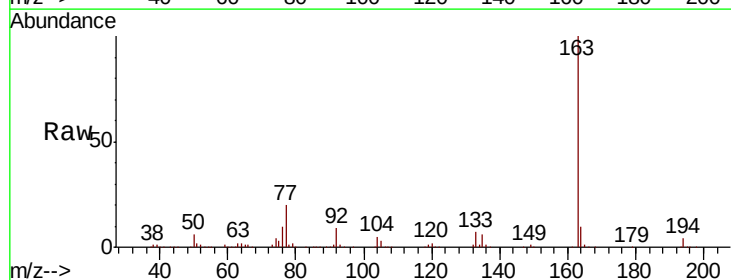
Tgt Ion:163 Resp: 1031134

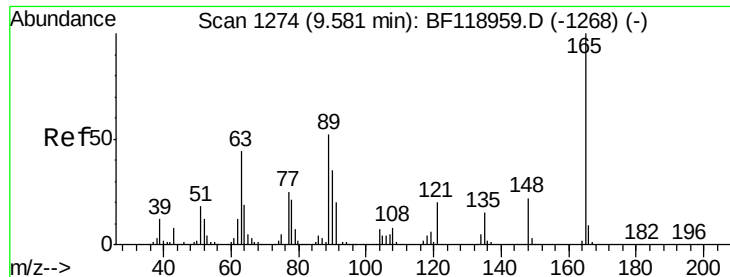
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.4 12.6





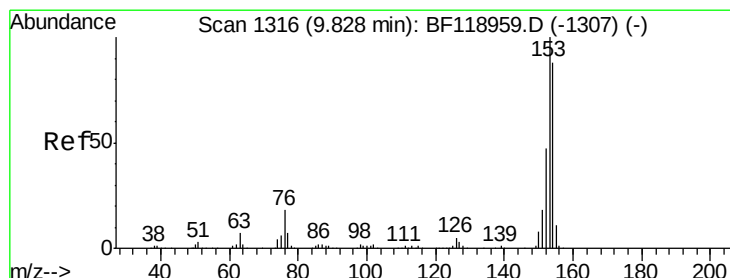
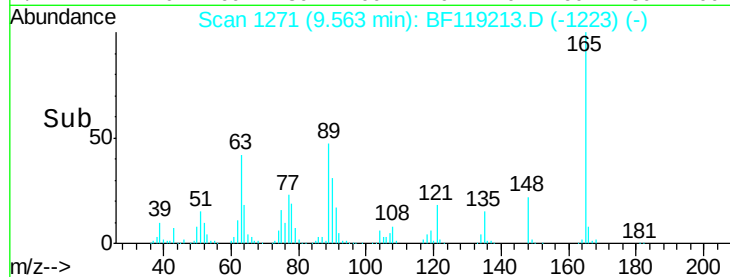
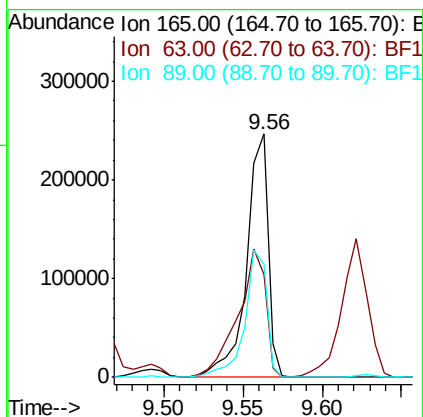
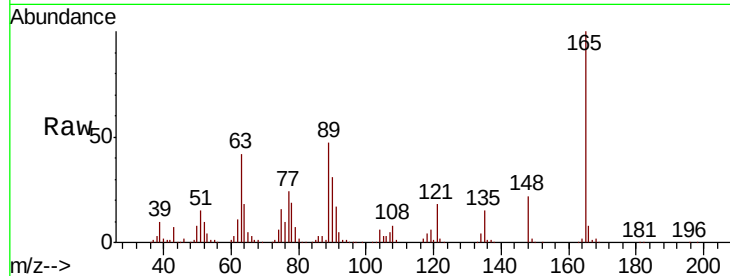
#51
 2,6-Dinitrotoluene
 Concen: 45.790 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.2	34.3	51.5
89	46.5	38.3	57.5

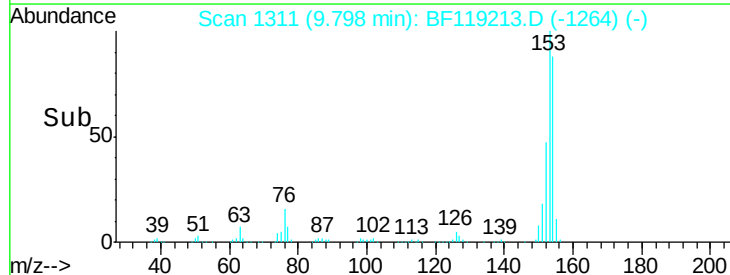
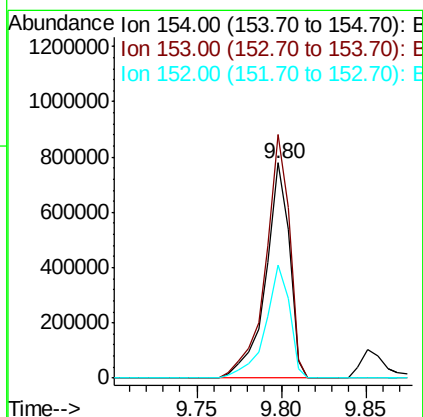
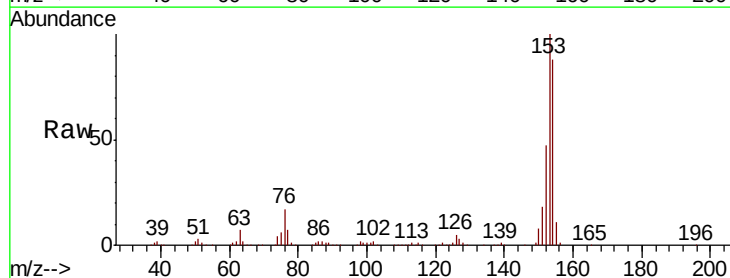
Manual Integrations
 APPROVED

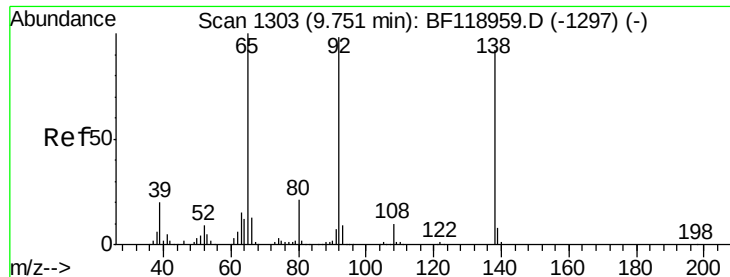
mohammad
 3/9/2020 8:26:55 AM



#52
 Acenaphthene
 Concen: 44.780 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	90.3	135.5
152	52.9	43.8	65.8





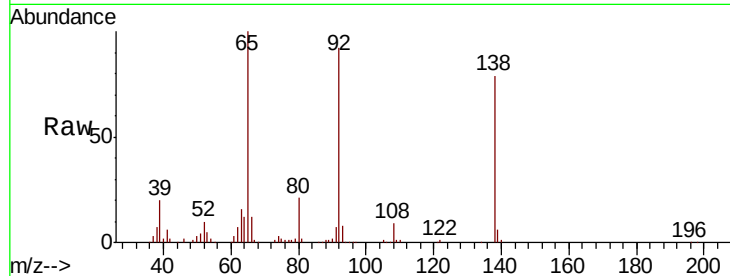
#53
3-Nitroaniline
Concen: 28.457 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

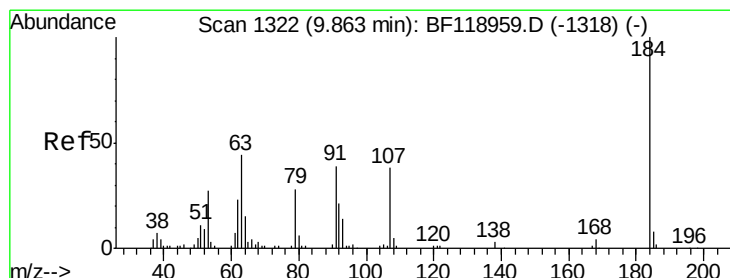
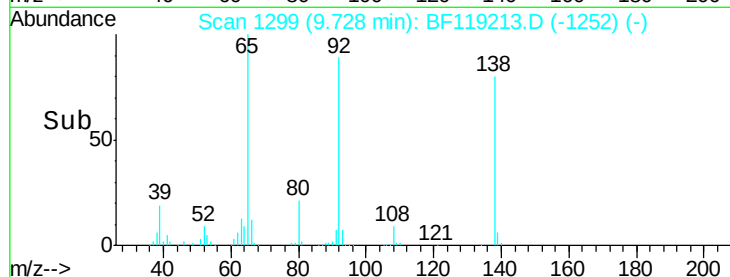
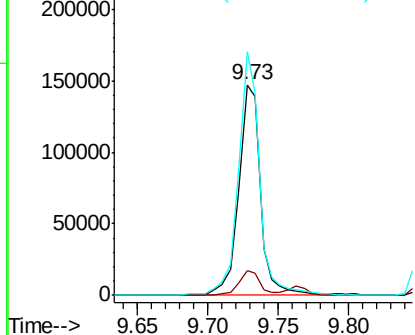
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.8	13.2
92	115.5	84.8	127.2

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM

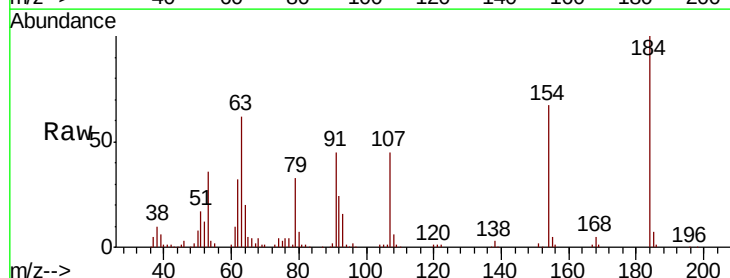


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

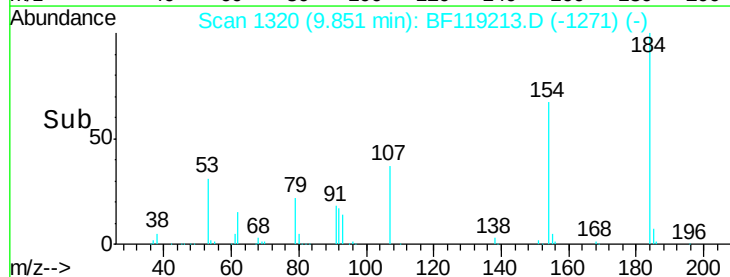
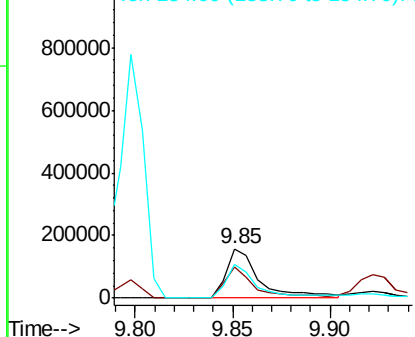


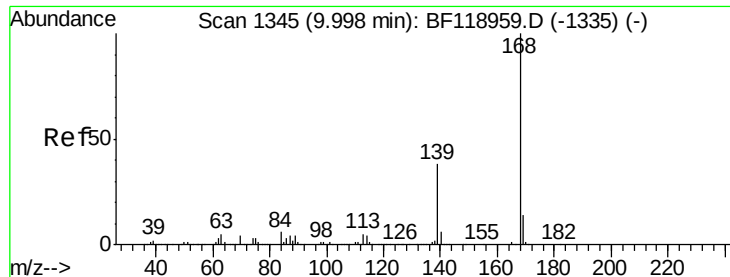
#54
2,4-Dinitrophenol
Concen: 76.287 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	38.7	58.1#
154	66.7	49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





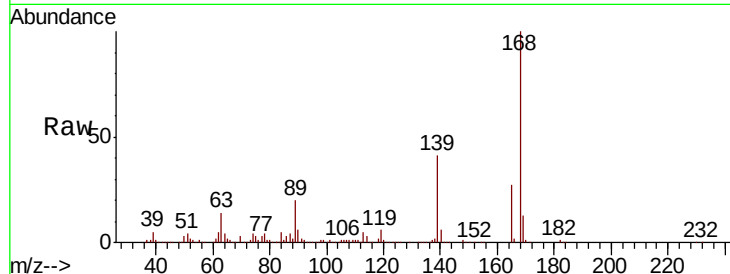
#55
Dibenzofuran
Concen: 44.712 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampled :
PB127192BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	34.0	51.0
169	13.2	11.0	16.4

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM

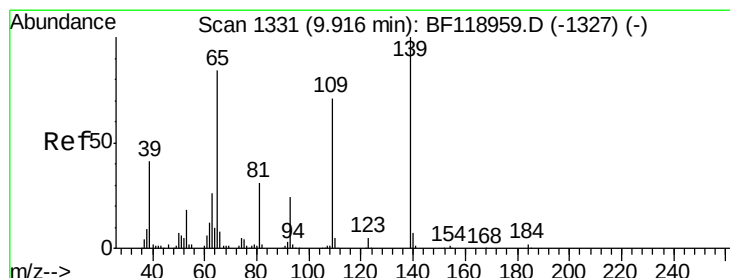
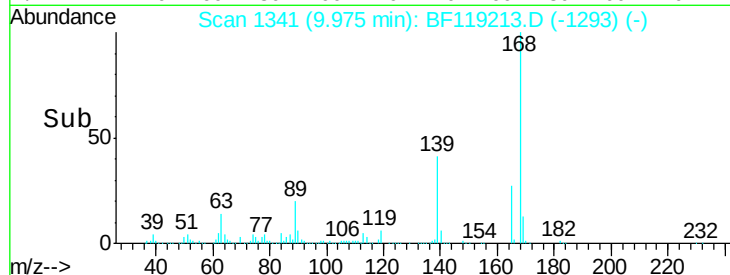
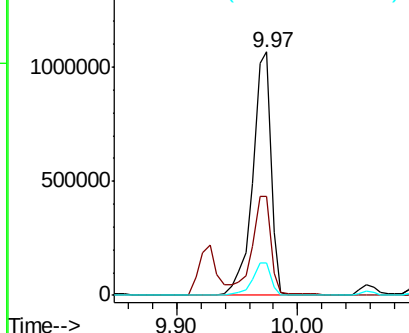


Abundance

Ion 168.00 (167.70 to 168.70): E

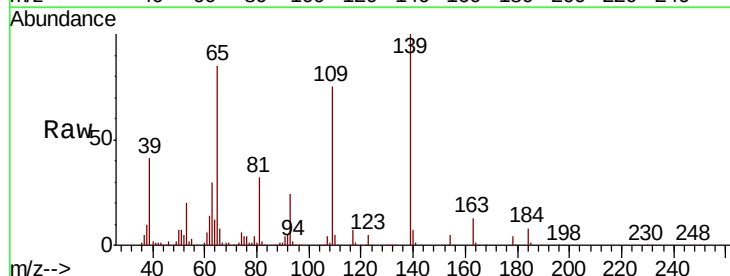
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.502 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.3	56.7	96.7
65	84.9	65.0	105.0

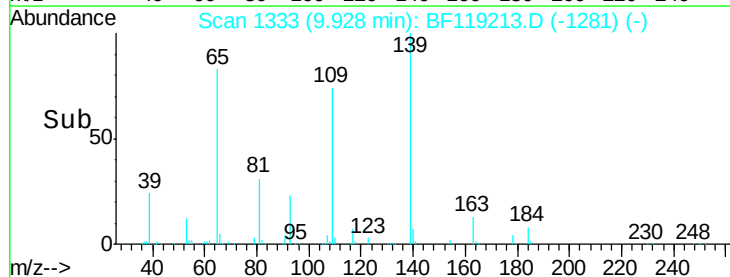
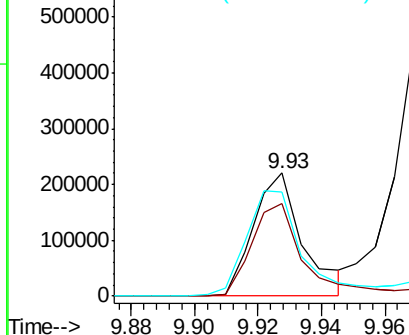


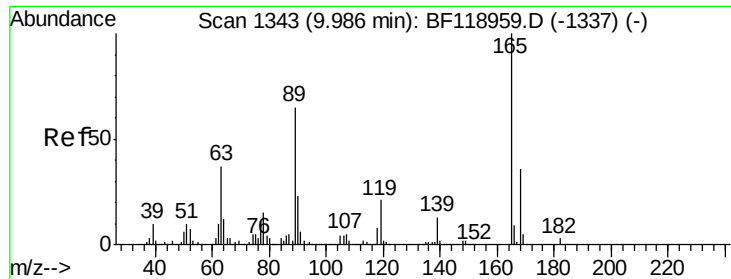
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





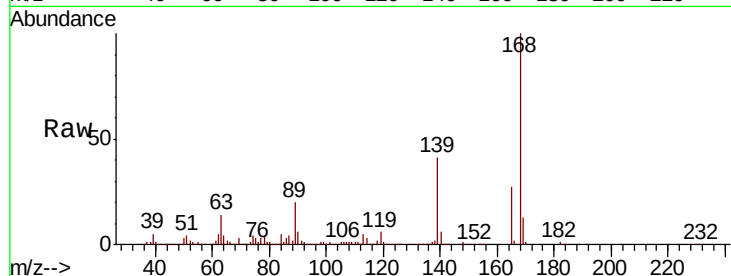
#57
 2,4-Dinitrotoluene
 Concen: 44.170 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

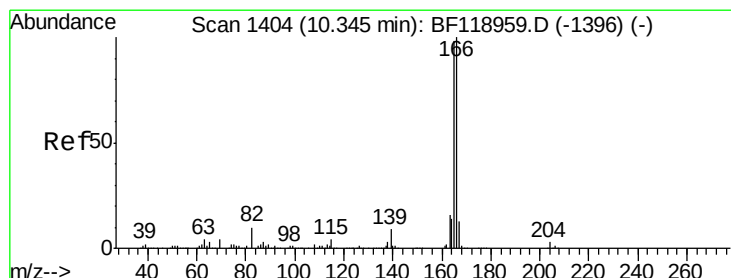
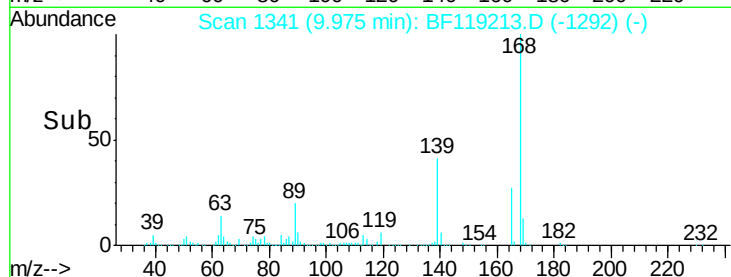
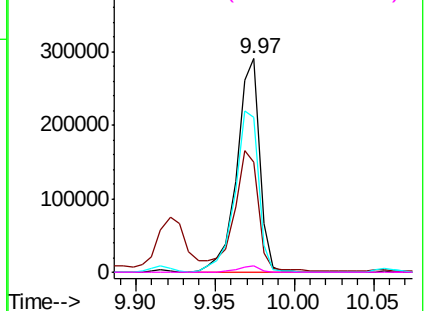
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		290119		
63	51.7	42.3	63.5		
89	72.7	60.2	90.4		
182	2.9	2.3	3.5		

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:55 AM



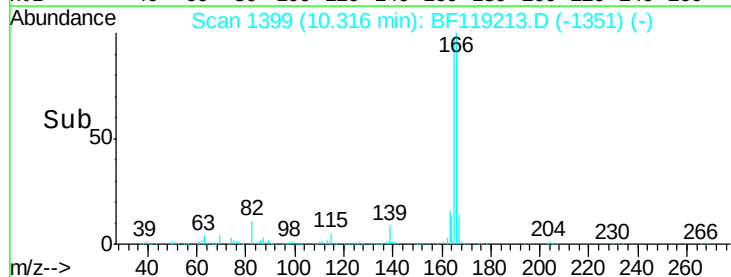
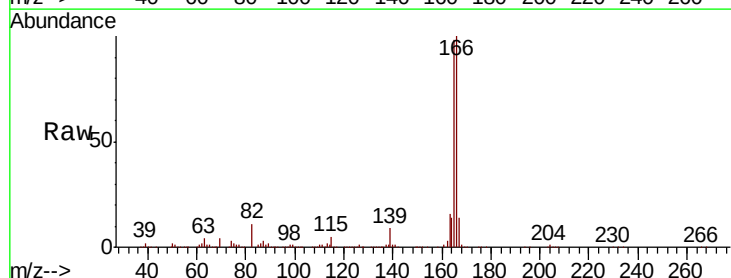
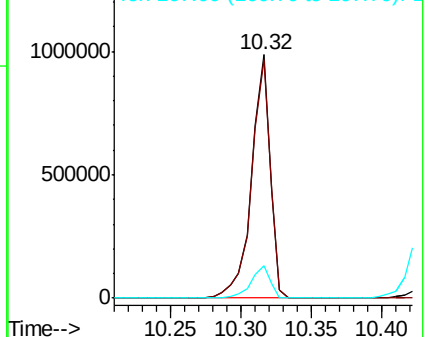
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

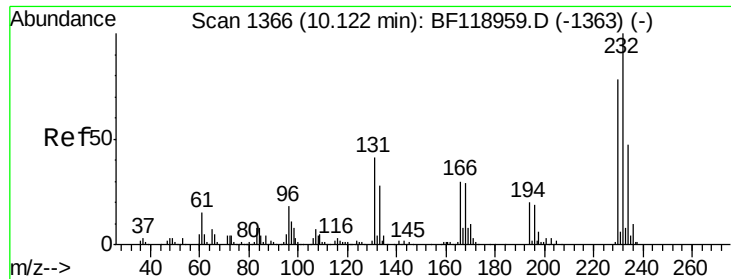


#58
 Fluorene
 Concen: 46.757 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		917455		
165	97.8	78.5	117.7		
167	13.5	11.0	16.4		

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





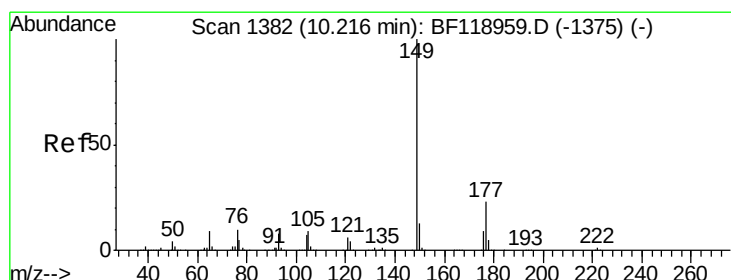
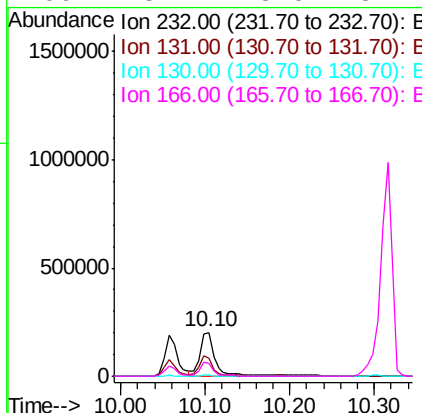
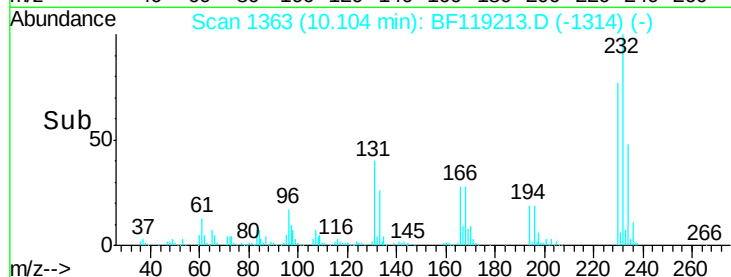
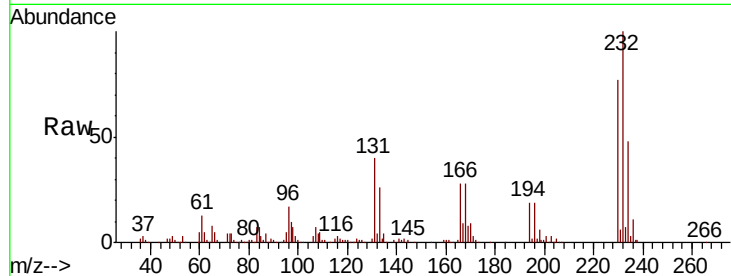
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.390 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.8	50.8
130	2.3	1.8	2.6
166	28.2	23.0	34.4

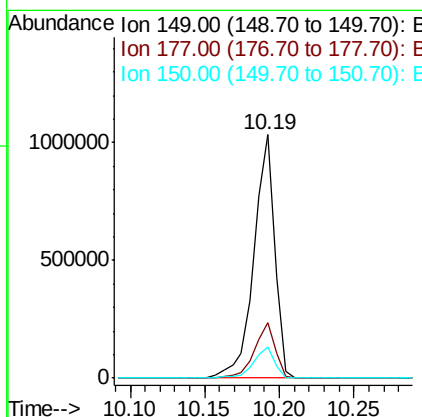
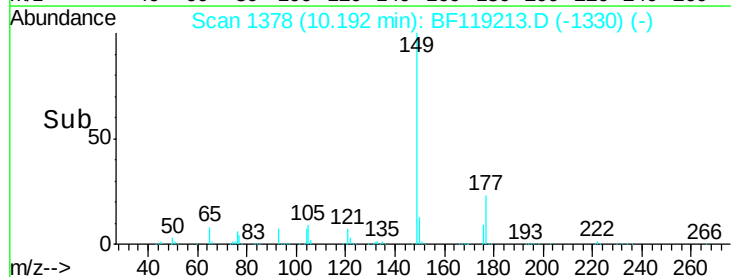
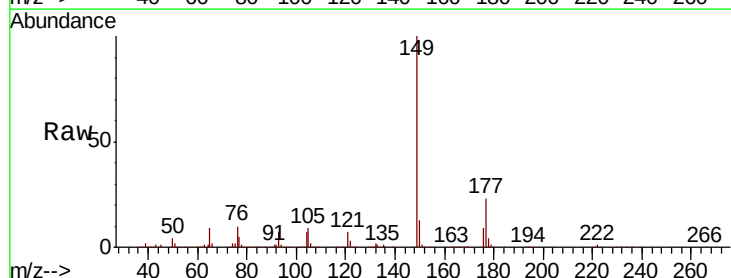
Manual Integrations
APPROVED

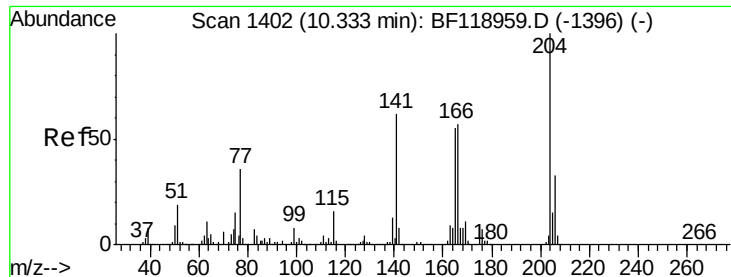
mohammad
3/9/2020 8:26:55 AM



#60
Diethylphthalate
Concen: 46.102 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.9	10.5	15.7





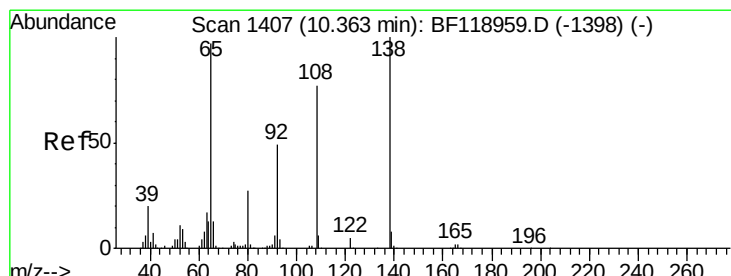
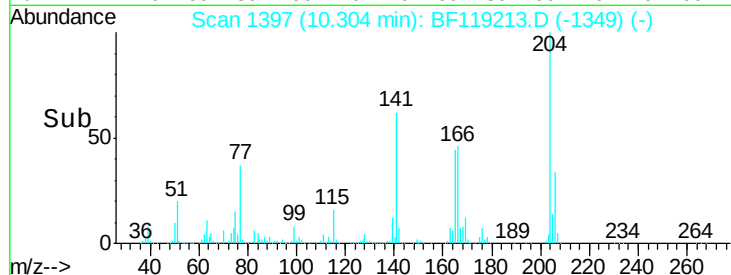
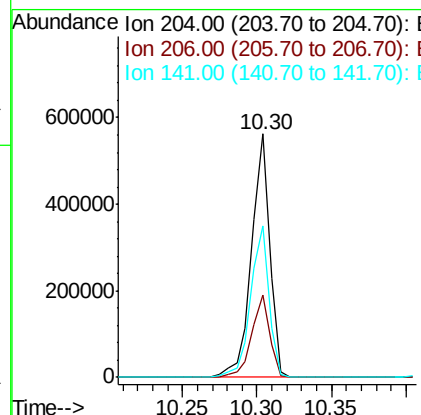
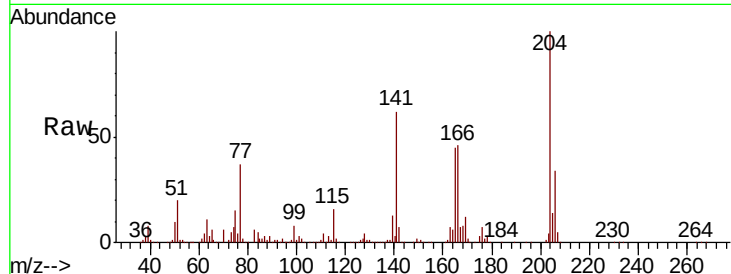
#61
 4-Chlorophenyl-phenylether
 Concen: 45.802 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampled :
 PB127192BS

Tot Ion:	204	Resp:	475712
Ion Ratio		Lower	Upper
204	100		
206	33.6	27.1	40.7
141	62.3	52.9	79.3

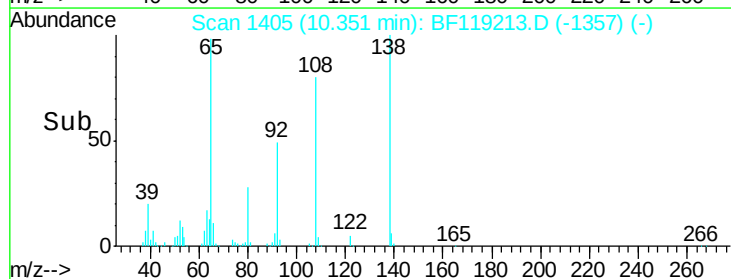
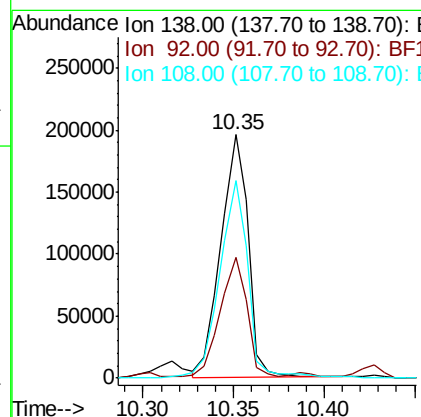
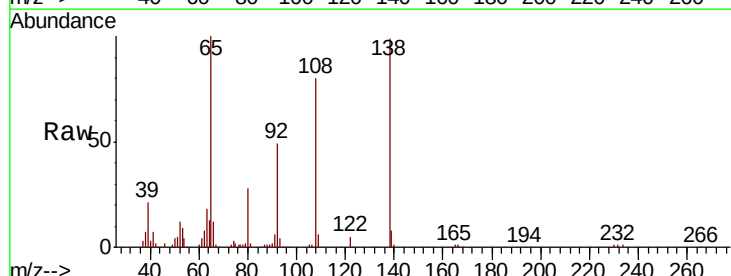
Manual Integrations
 APPROVED

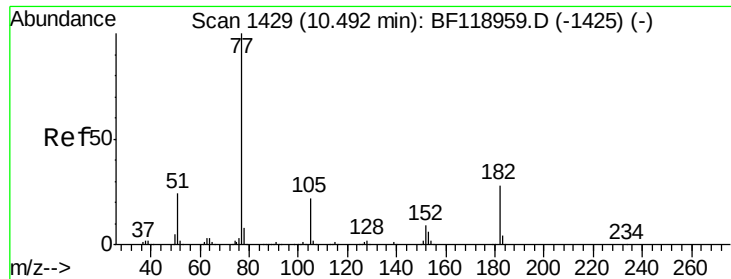
mohammad
 3/9/2020 8:26:55 AM



#62
 4-Nitroaniline
 Concen: 35.954 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion:	138	Resp:	206650
Ion Ratio		Lower	Upper
138	100		
92	49.4	27.3	67.3
108	80.9	57.0	97.0





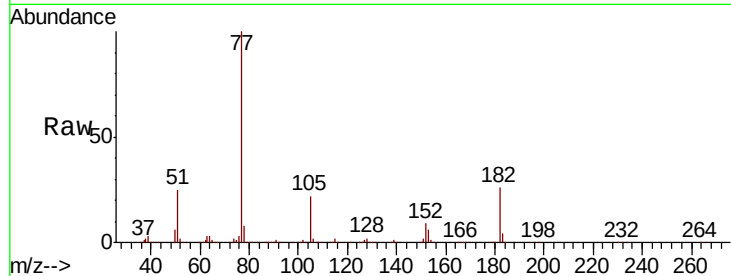
#63
Azobenzene
Concen: 46.836 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

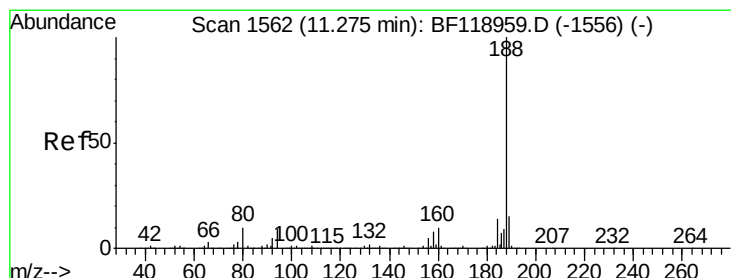
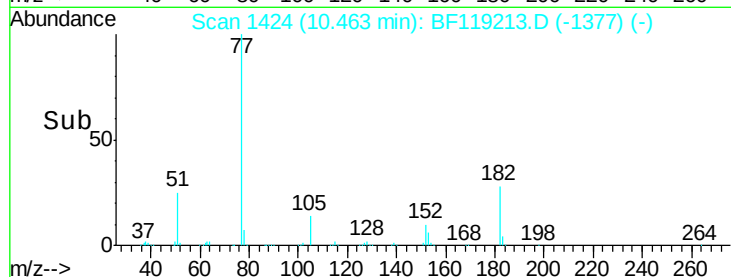
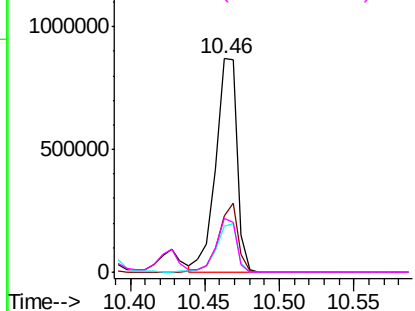
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	11.4	51.4
105	21.9	3.4	43.4
51	25.4	5.1	45.1

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM



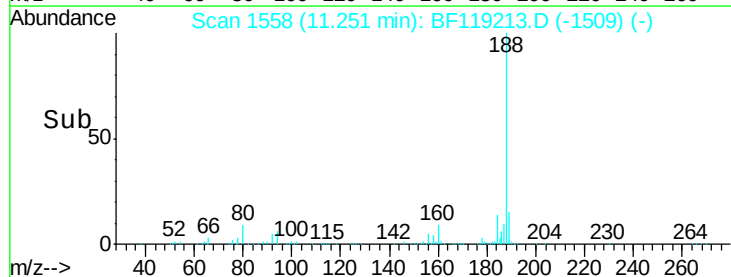
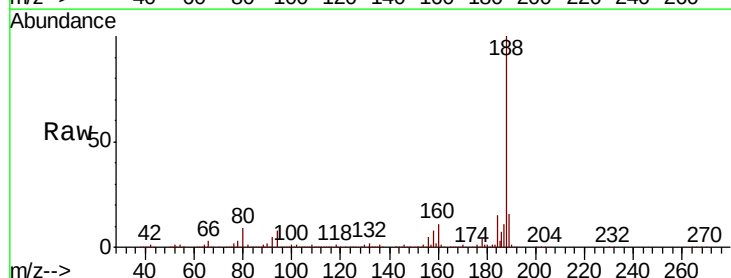
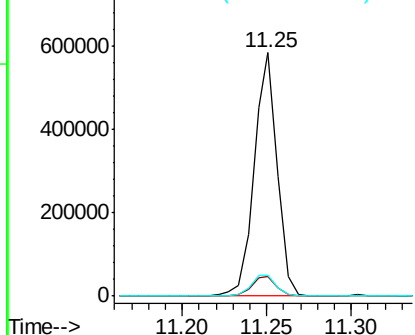
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

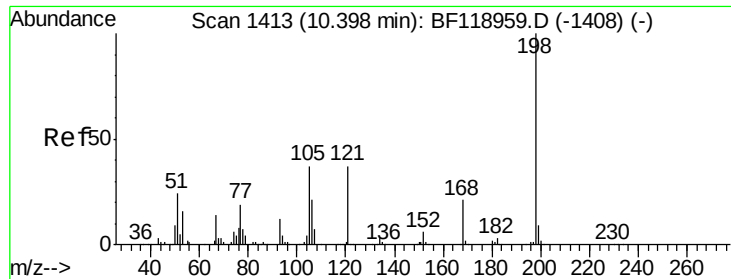


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.8	7.8	11.8

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





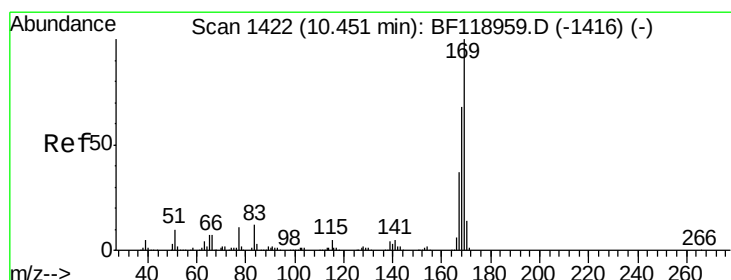
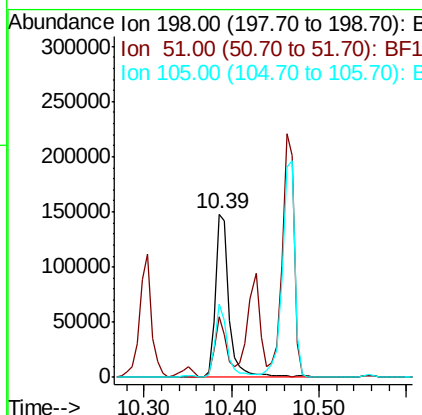
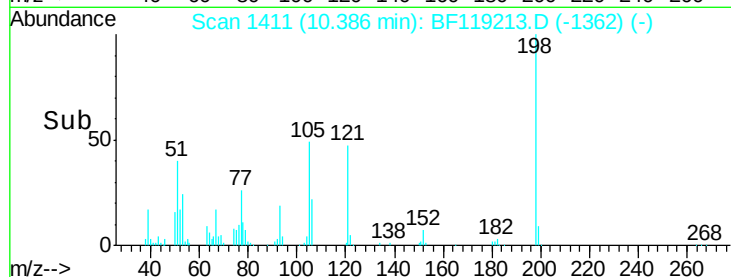
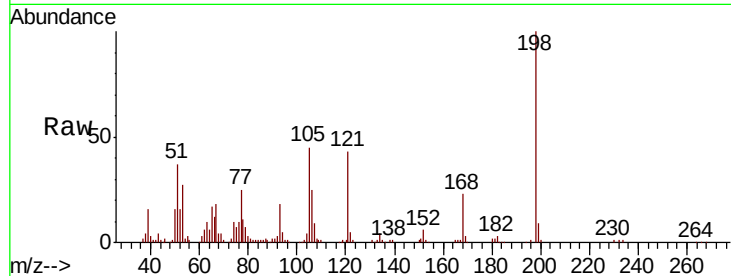
#65
4,6-Dinitro-2-methylphenol
Concen: 48.160 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampled :
PB127192BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	161963		
51	36.8	14.2	54.2	
105	45.1	22.7	62.7	

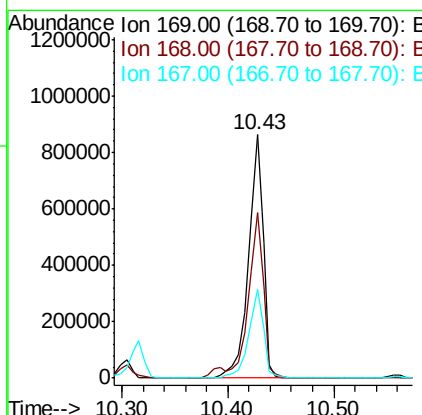
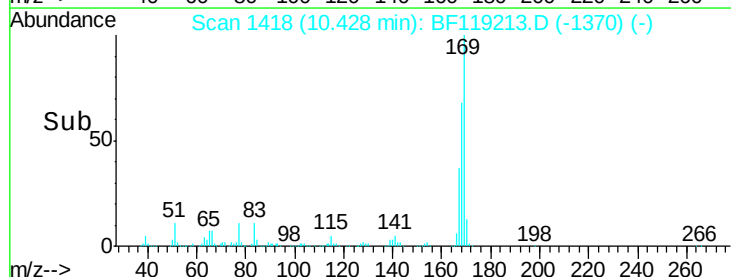
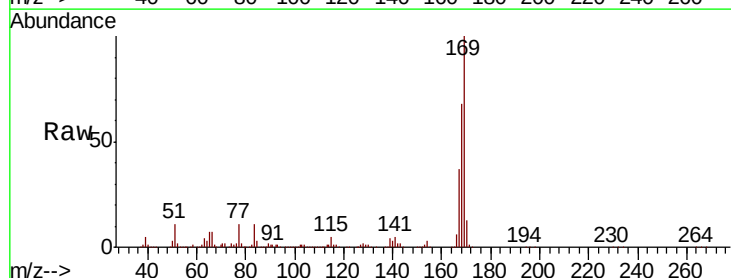
Manual Integrations
APPROVED

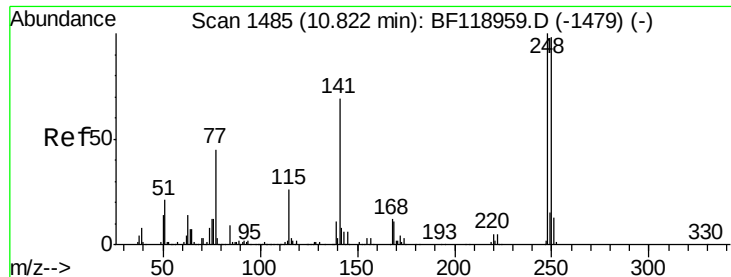
mohammad
3/9/2020 8:26:55 AM



#66
n-Nitrosodiphenylamine
Concen: 45.914 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	835531		
168	68.1	54.1	81.1	
167	36.6	29.4	44.0	





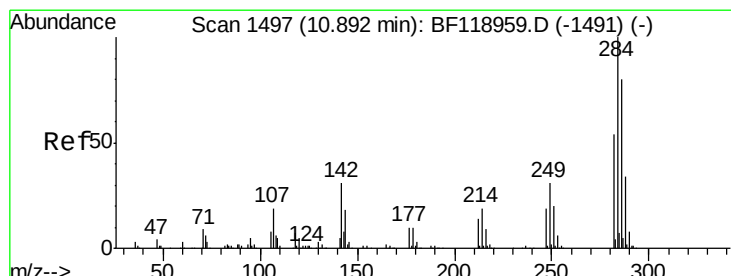
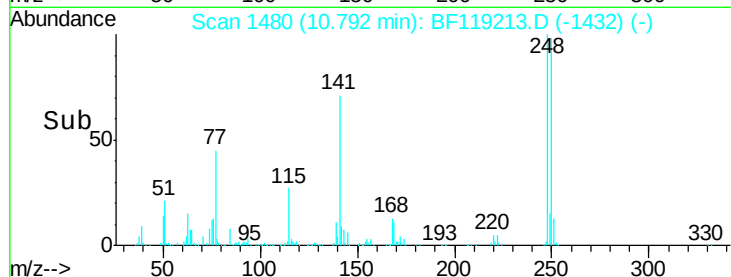
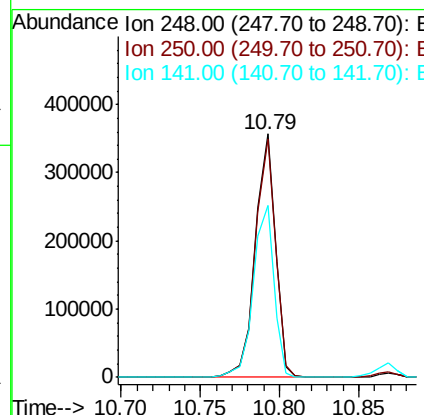
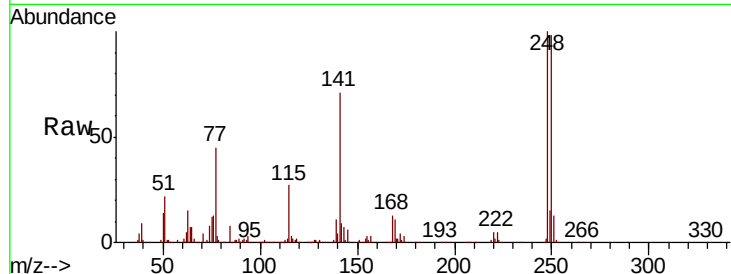
#67
4-Bromophenyl-phenylether
Concen: 43.484 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.7	115.1
141	70.7	60.7	91.1

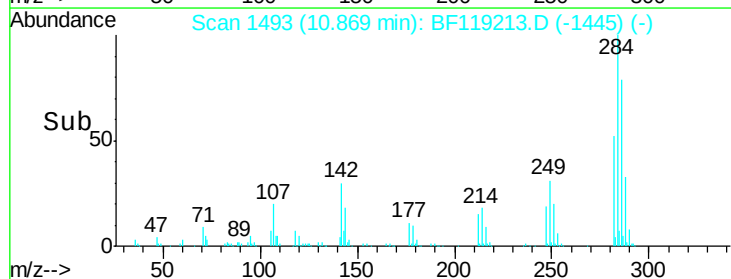
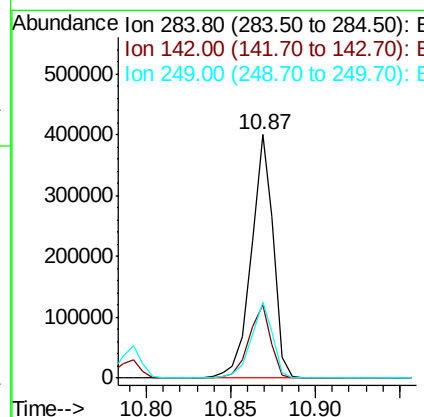
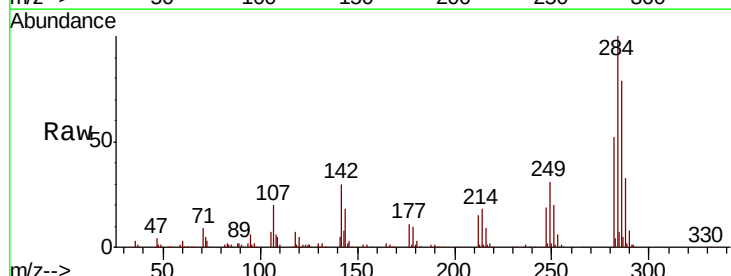
Manual Integrations
APPROVED

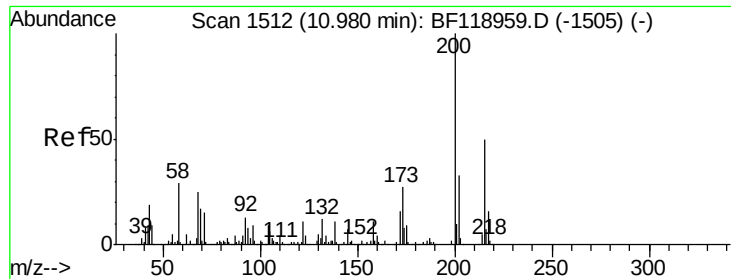
mohammad
3/9/2020 8:26:55 AM



#68
Hexachlorobenzene
Concen: 43.397 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.7	35.5
249	31.3	25.0	37.6





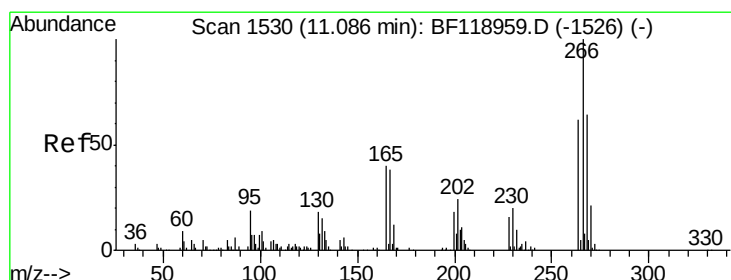
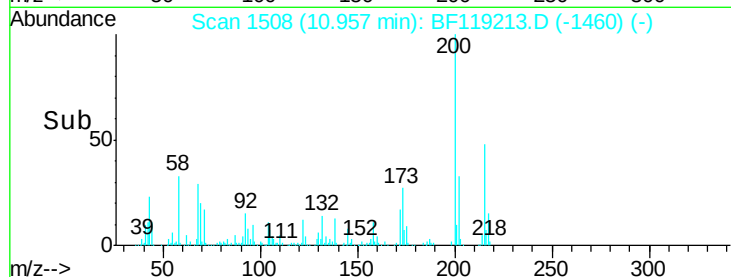
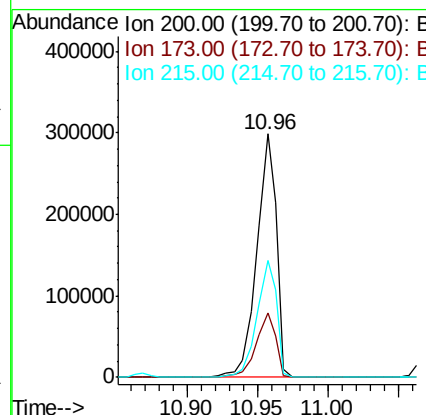
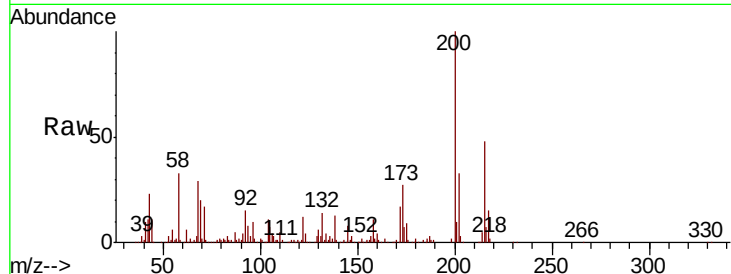
#69
Atrazine
Concen: 46.052 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	6.4	46.4
215	48.2	27.4	67.4

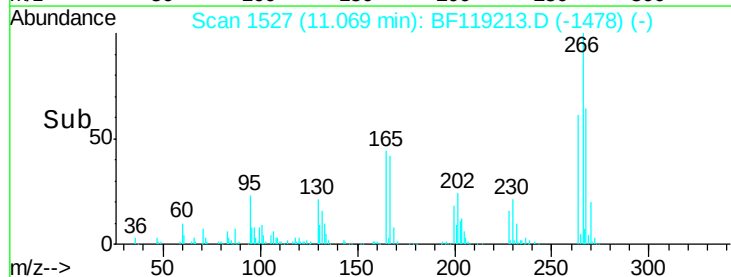
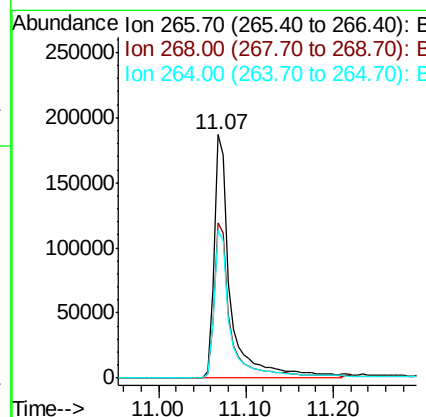
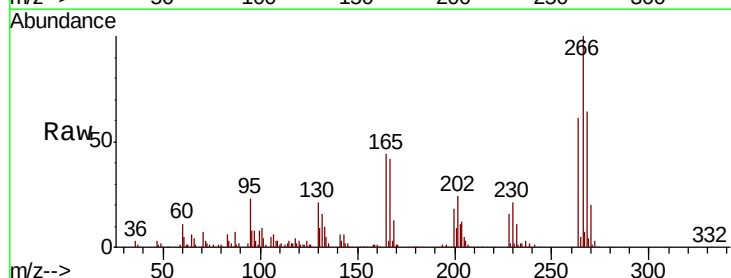
Manual Integrations
APPROVED

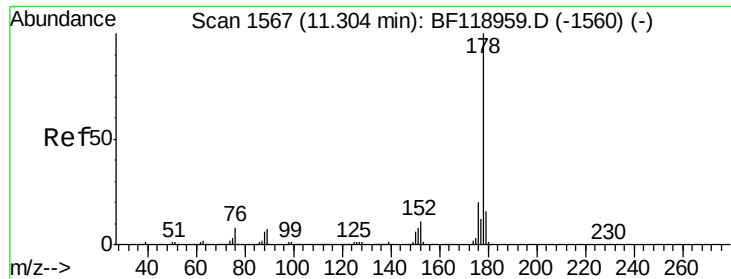
mohammad
3/9/2020 8:26:55 AM



#70
Pentachlorophenol
Concen: 73.293 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	51.9	77.9
264	60.9	51.0	76.4





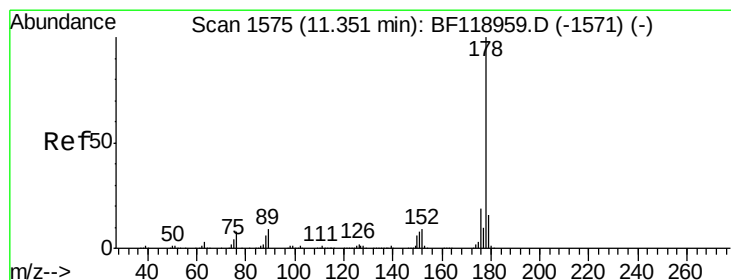
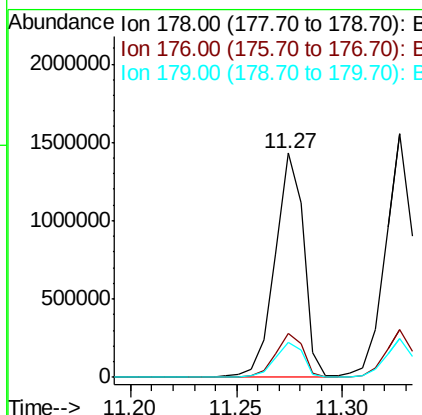
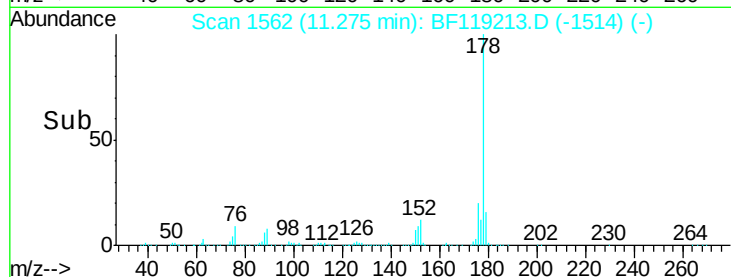
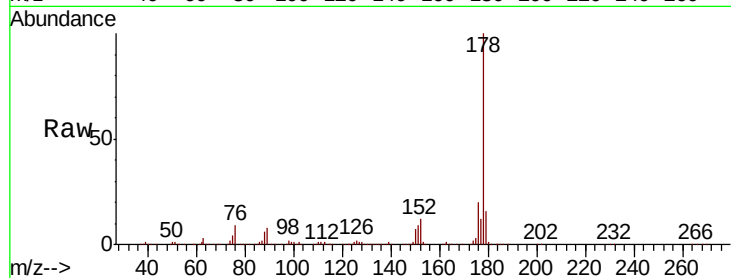
#71
Phenanthrene
Concen: 44.582 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion:178 Resp: 1351239
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.7 13.0 19.6

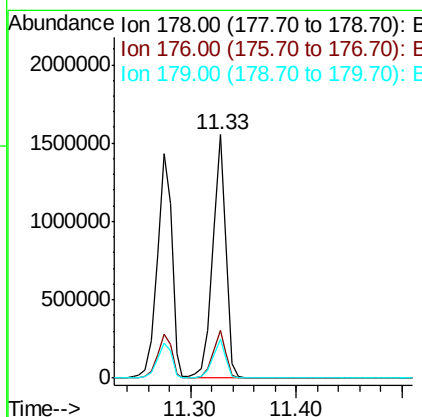
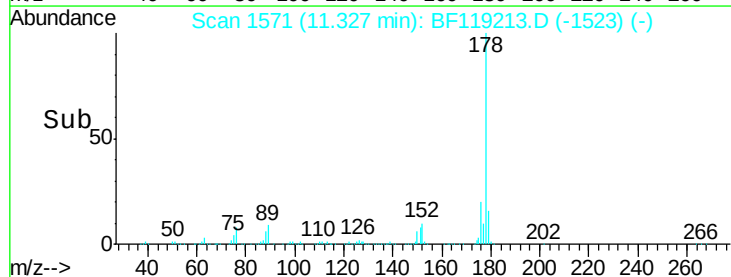
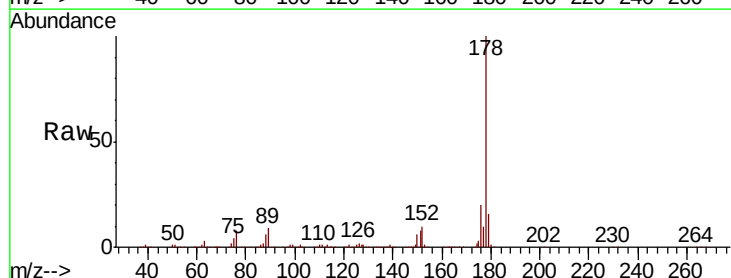
Manual Integrations
APPROVED

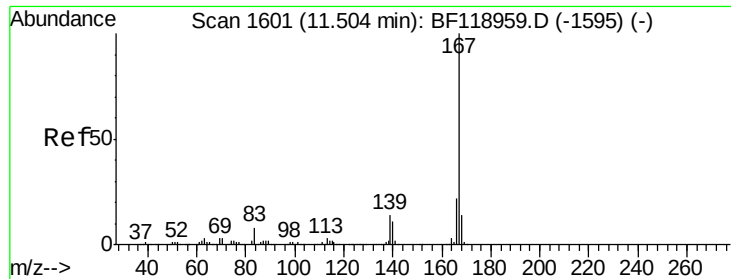
mohammad
3/9/2020 8:26:55 AM



#72
Anthracene
Concen: 45.835 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion:178 Resp: 1388037
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.0 13.1 19.7





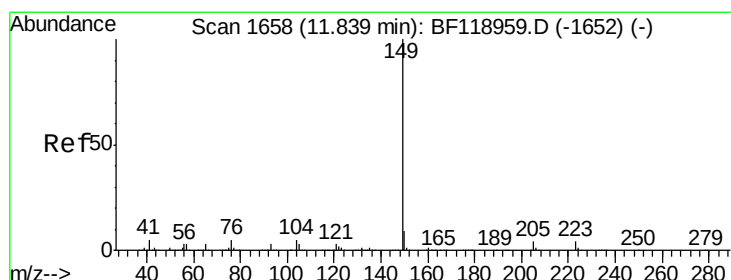
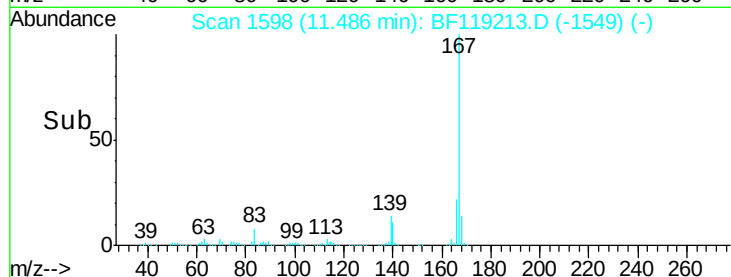
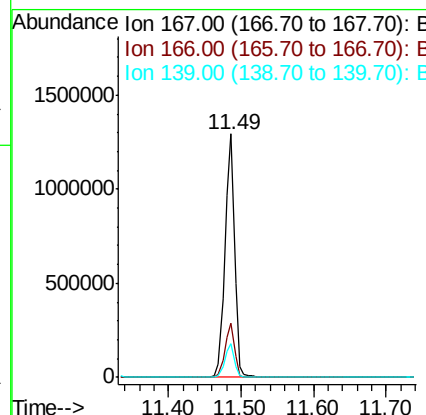
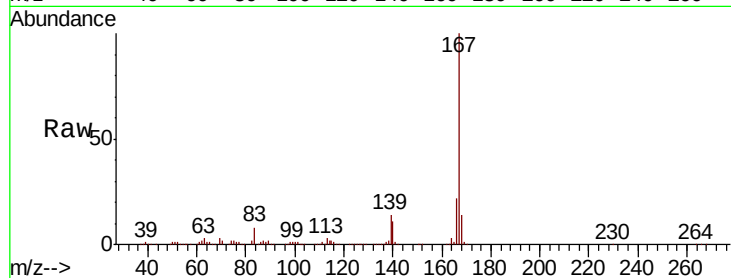
#73
 Carbazole
 Concen: 44.236 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127192BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.7	11.7	17.5

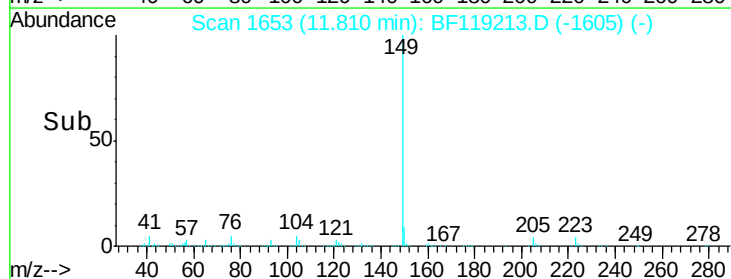
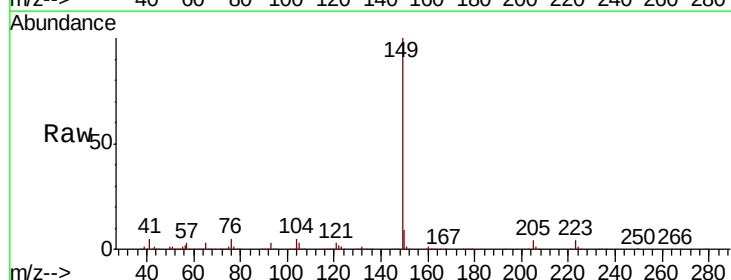
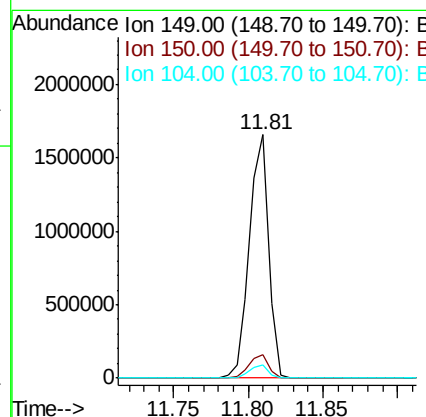
Manual Integrations
 APPROVED

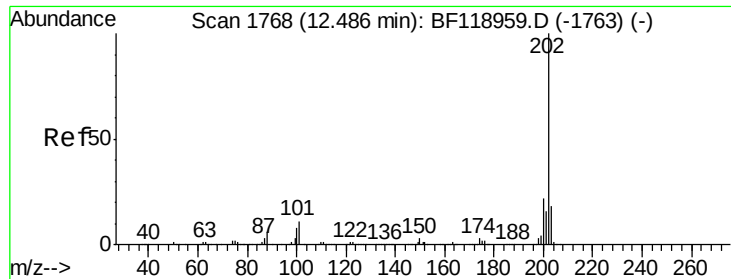
mohammad
 3/9/2020 8:26:55 AM



#74
 Di-n-butylphthalate
 Concen: 45.461 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119213.D
 Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 44.021 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

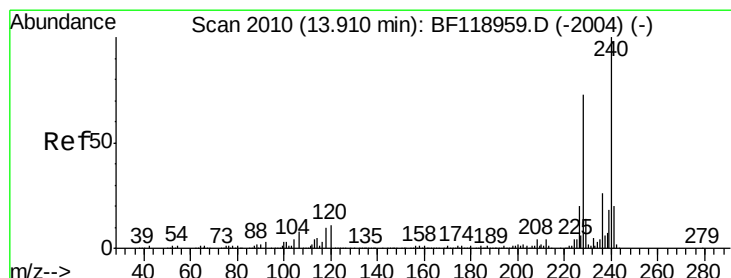
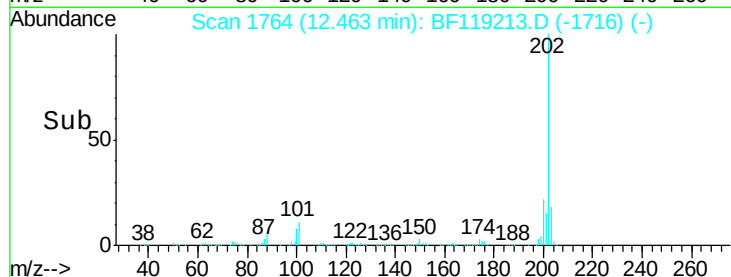
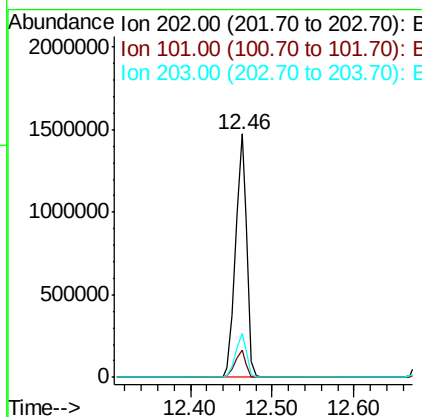
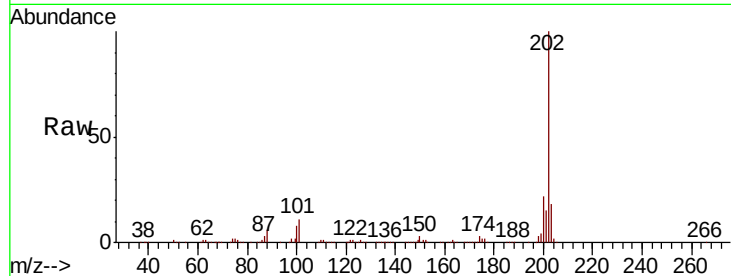
ClientSampleId :

PB127192BS

Tot Ion:	202	Resp:	1416233
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
203	18.2	0.0	38.4

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM



#76

Chrysene-d12

Concen: 20.000 ng

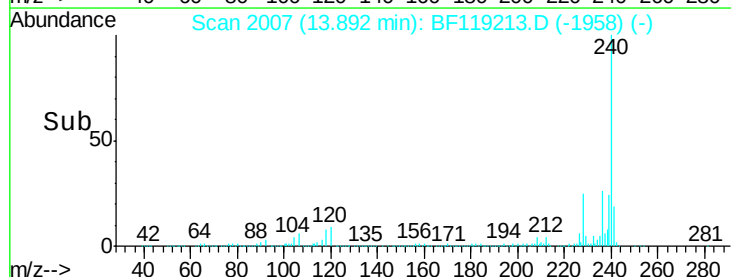
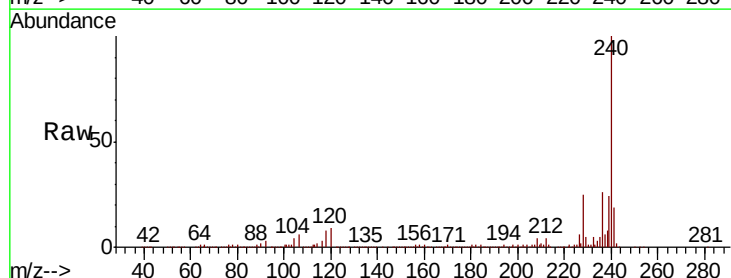
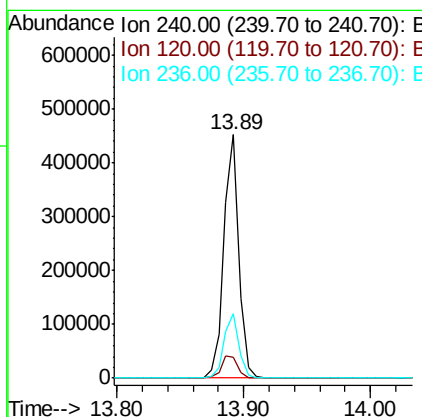
RT: 13.89 min Scan# 2007

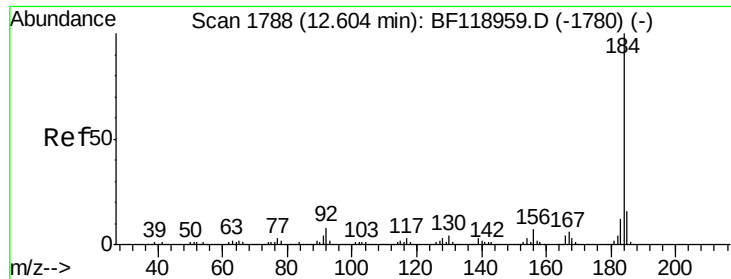
Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:	240	Resp:	372466
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.4	12.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 33.559 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

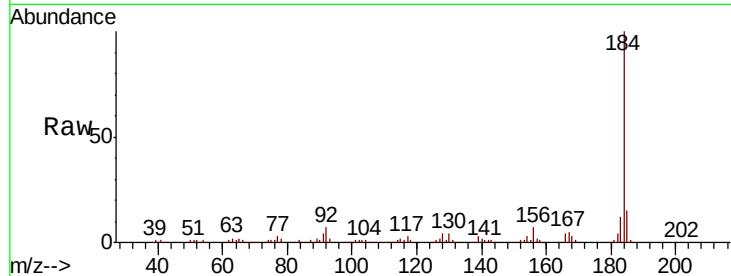
ClientSampleId :

PB127192BS

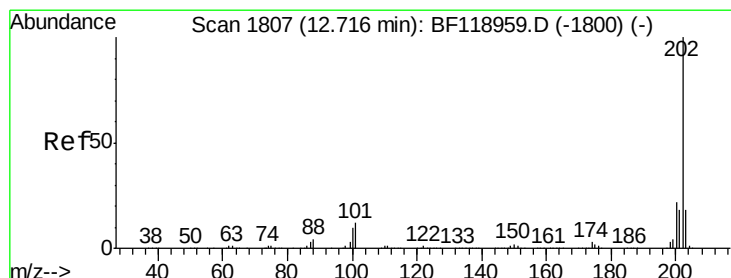
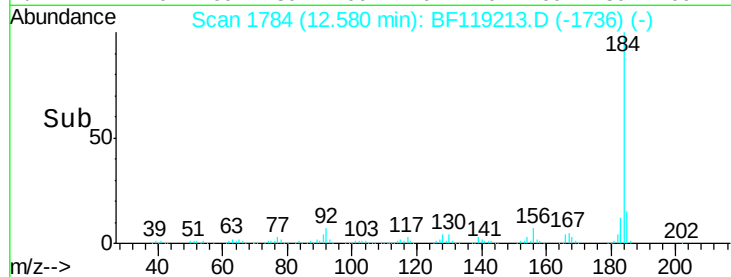
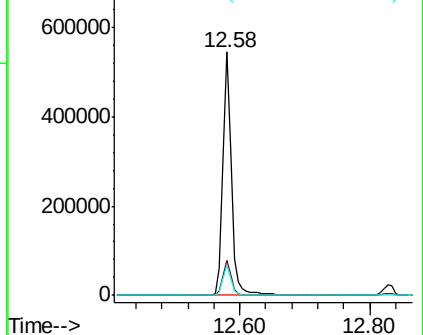
Tot Ion:	184	Resp:	508354
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	12.2	9.9	14.9

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 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: 47.304 ng

RT: 12.69 min Scan# 1803

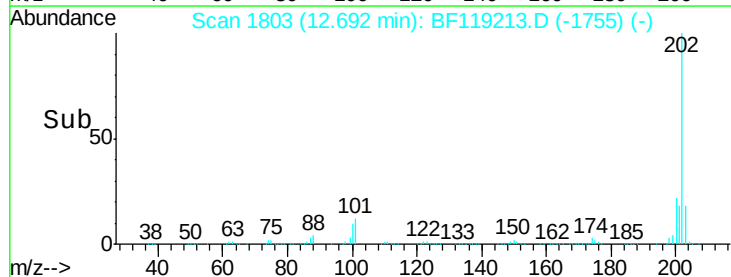
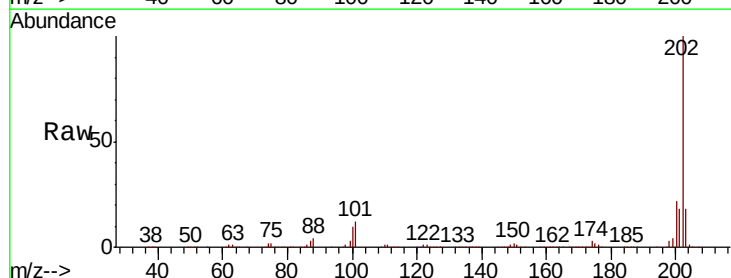
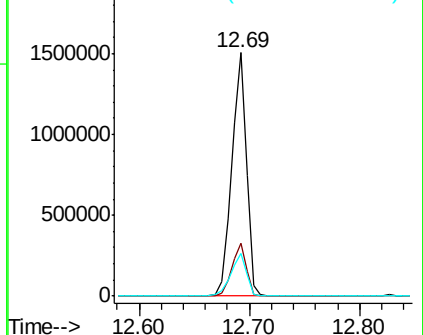
Delta R.T. -0.02 min

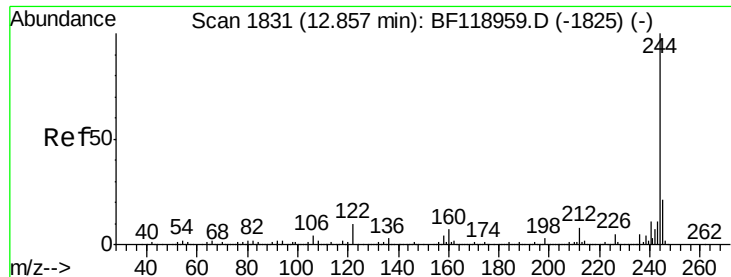
Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:	202	Resp:	1414799
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.0	27.0
203	17.7	14.6	22.0

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





#79

Terphenyl-d14

Concen: 82.686 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

PB127192BS

Tot Ion:244 Resp: 1788825

Ion Ratio Lower Upper

244 100

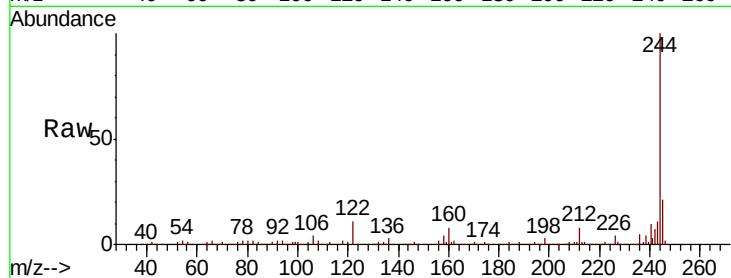
212 7.6 6.6 10.0

122 10.8 8.2 12.2

Manual Integrations
APPROVED

mohammad

3/9/2020 8:26:55 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.83

2000000

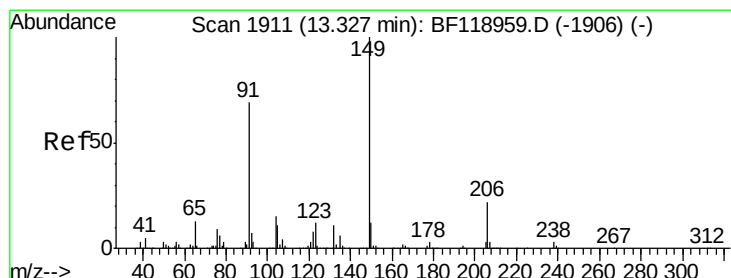
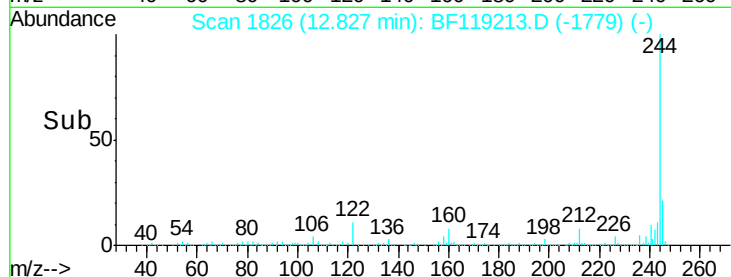
1500000

1000000

500000

0

Time-->



#80

Butylbenzylphthalate

Concen: 47.738 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

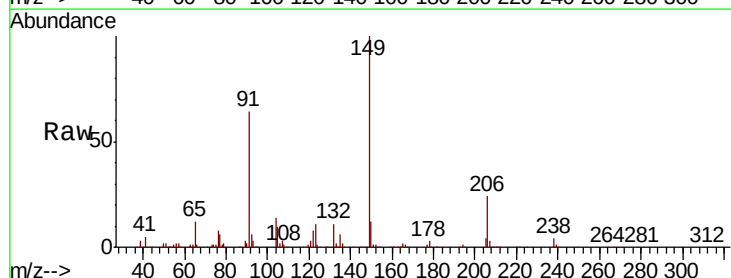
Tgt Ion:149 Resp: 600914

Ion Ratio Lower Upper

149 100

91 63.5 52.3 78.5

206 23.7 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

800000

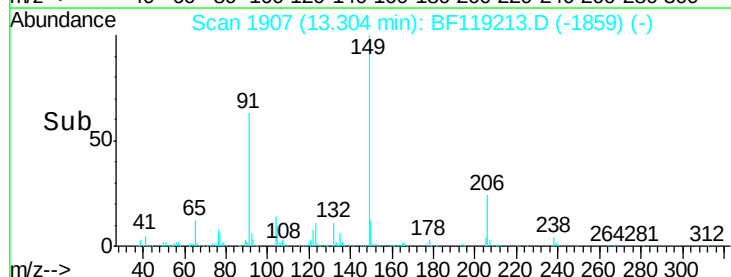
600000

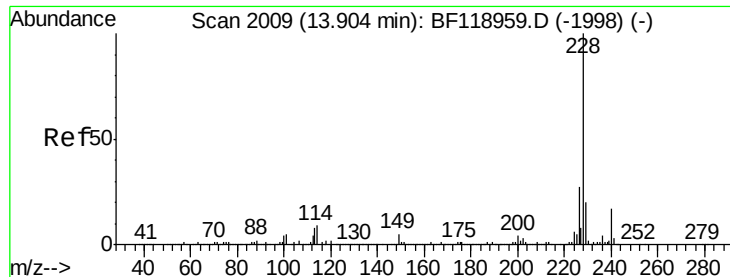
400000

200000

0

Time-->





#81

Benzo(a)anthracene

Concen: 45.995 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

PB127192BS

Tot Ion:228 Resp: 1167297

Ion Ratio Lower Upper

228 100

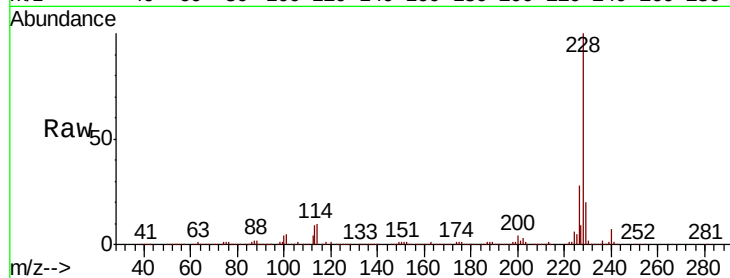
226 27.8 22.6 33.8

229 20.2 16.6 24.8

Manual Integrations
APPROVED

mohammad

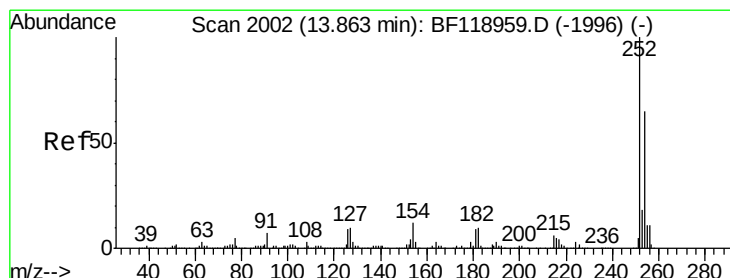
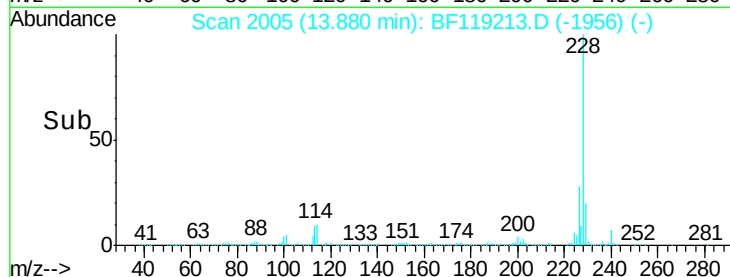
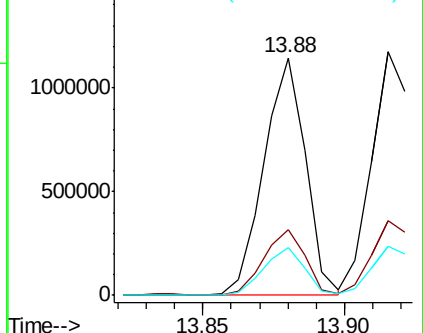
3/9/2020 8:26:55 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.537 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Tgt Ion:252 Resp: 330491

Ion Ratio Lower Upper

252 100

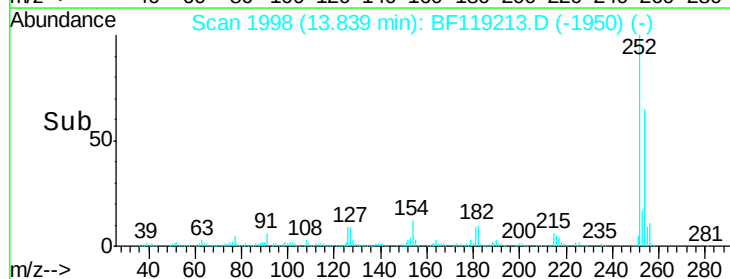
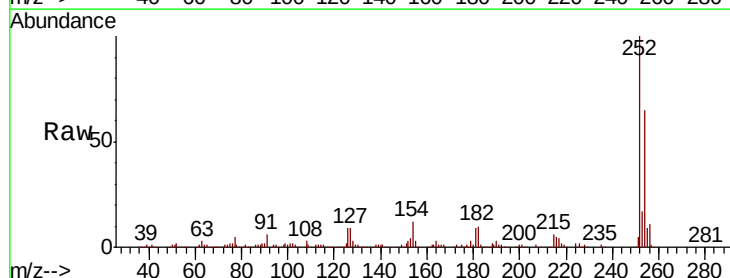
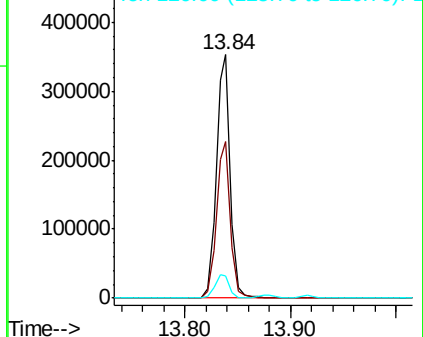
254 64.5 51.6 77.4

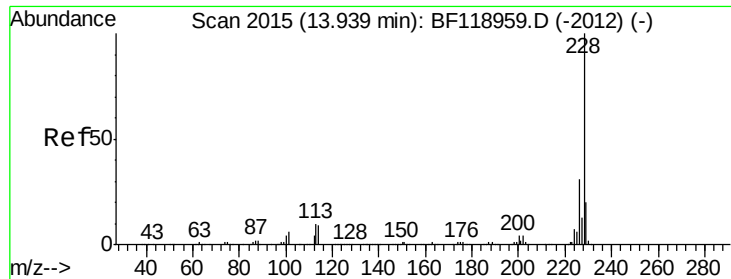
126 9.1 7.4 11.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





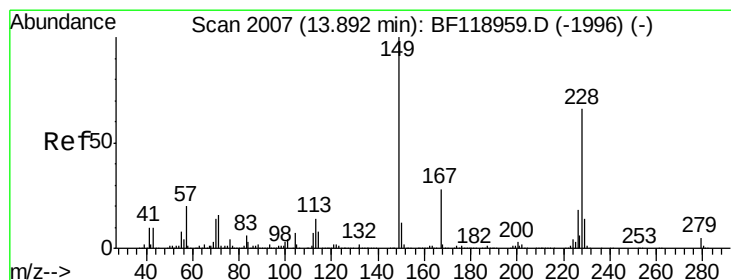
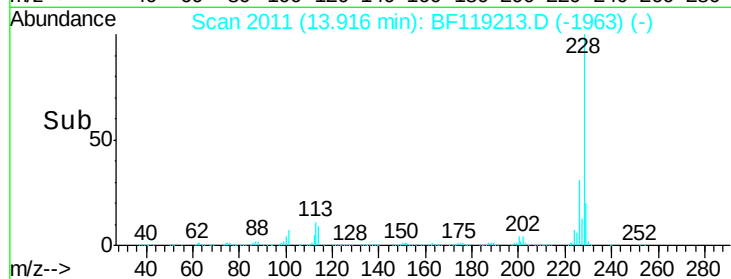
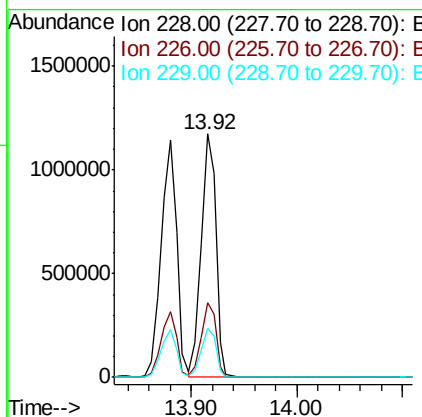
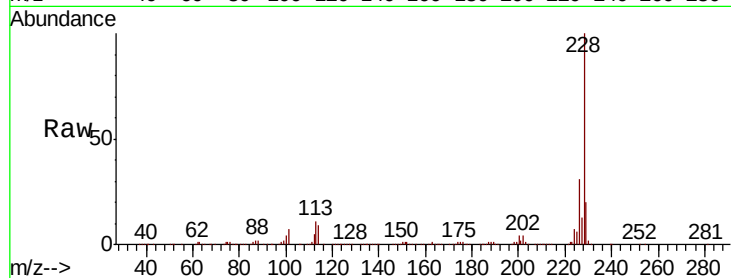
#83
Chrysene
Concen: 44.251 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	20.4	16.3	24.5

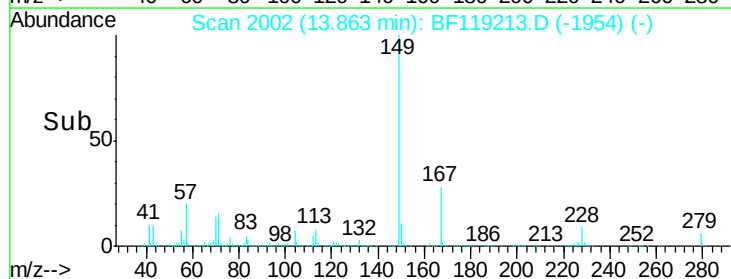
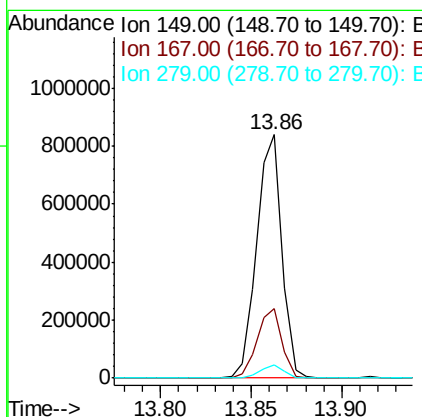
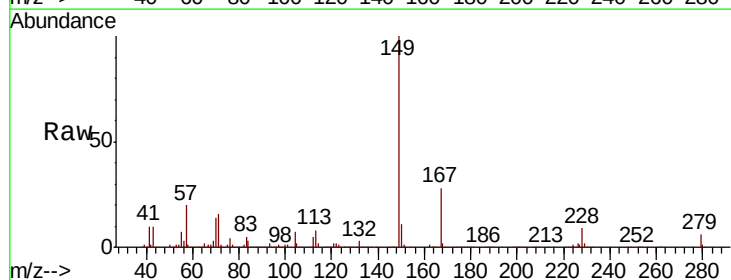
Manual Integrations
APPROVED

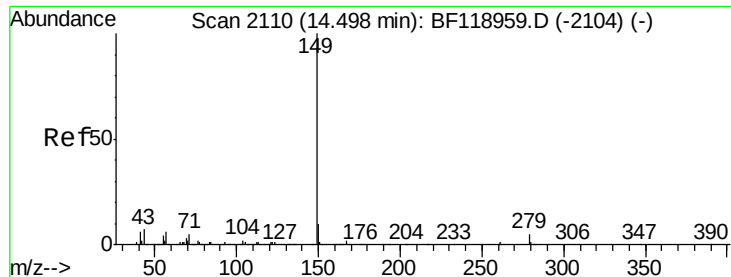
mohammad
3/9/2020 8:26:55 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.835 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.8	34.2
279	5.7	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 48.268 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

Instrument :

BNA_F

ClientSampleId :

PB127192BS

Tot Ion:149 Resp: 1223019

Ion Ratio Lower Upper

149 100

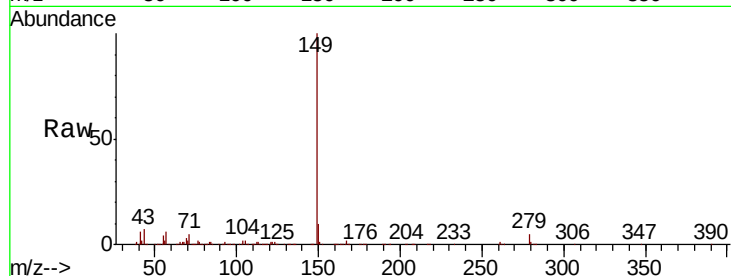
167 1.7 1.3 1.9

43 6.6 5.7 8.5

Manual Integrations
APPROVED

mohammad

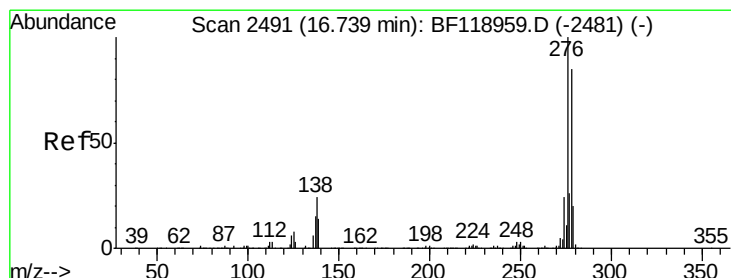
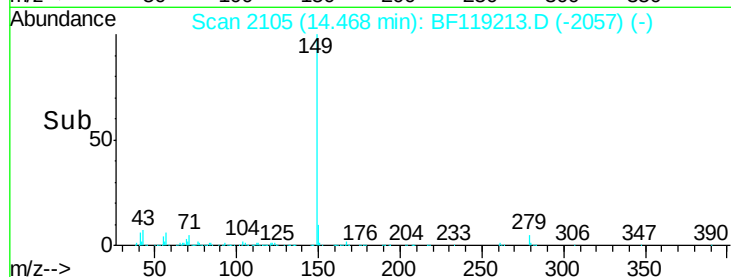
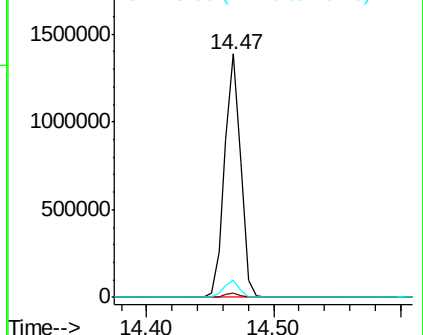
3/9/2020 8:26:55 AM



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: 38.357 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF119213.D

Acq: 5 Mar 2020 14:24

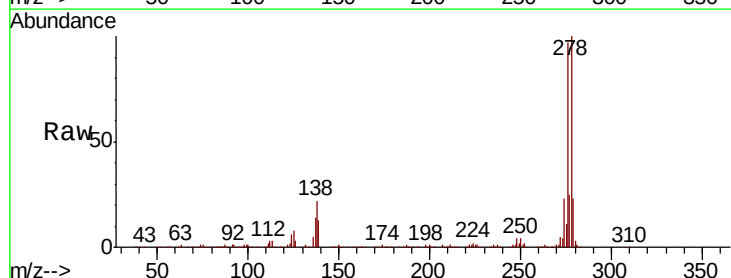
Tgt Ion:276 Resp: 939192

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

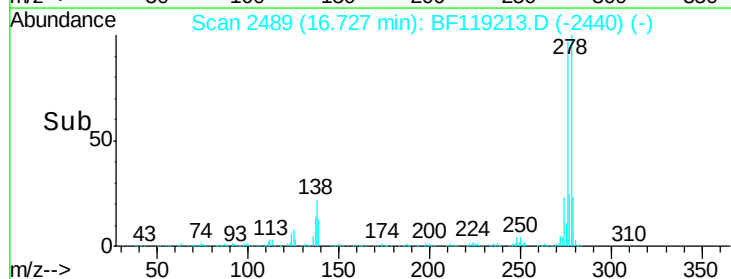
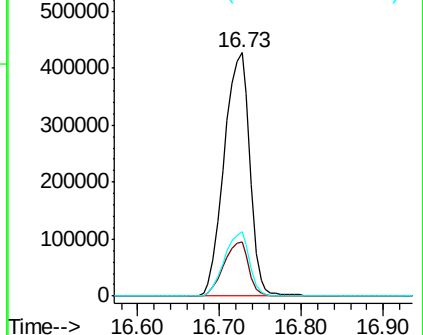
277 25.5 20.3 30.5

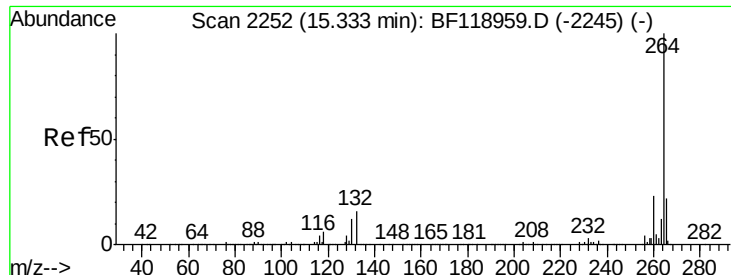


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





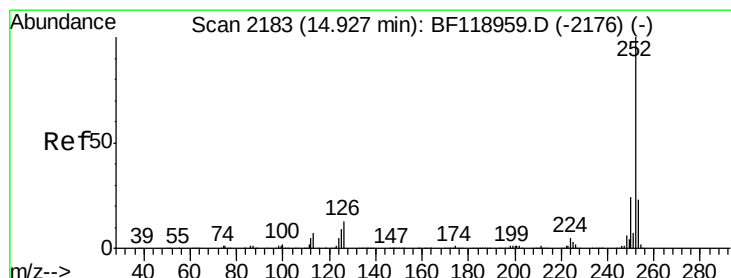
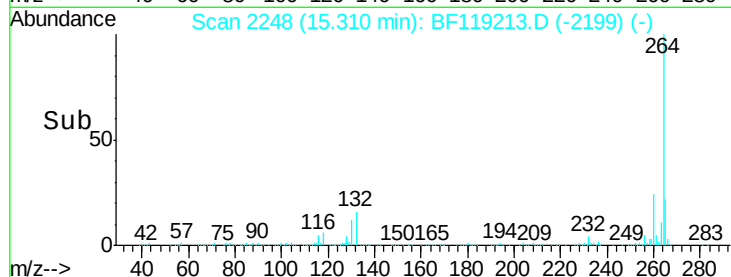
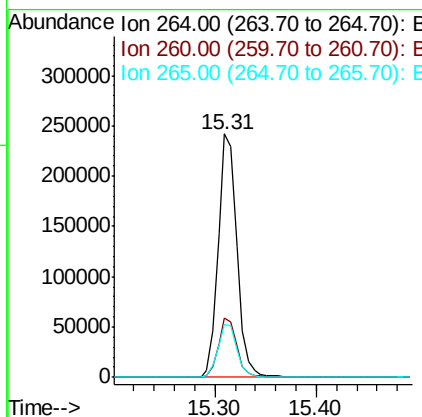
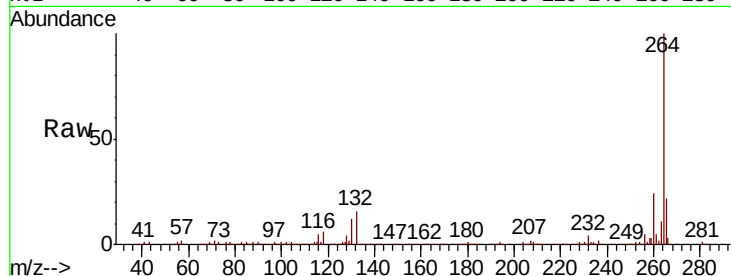
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.9	17.7	26.5

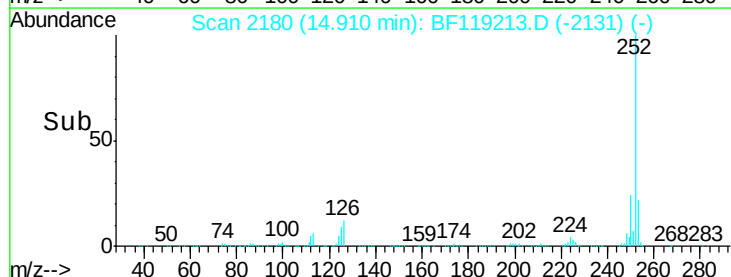
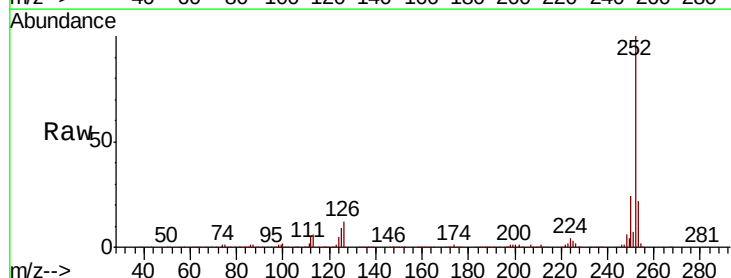
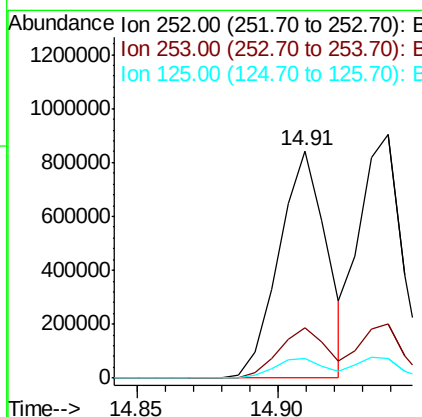
Manual Integrations
APPROVED

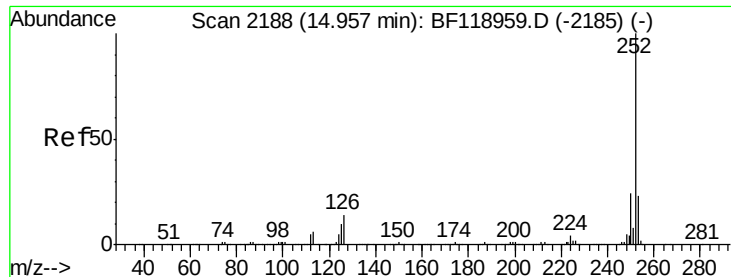
mohammad
3/9/2020 8:26:55 AM



#88
Benzo(b)fluoranthene
Concen: 48.282 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.9	7.4	11.0





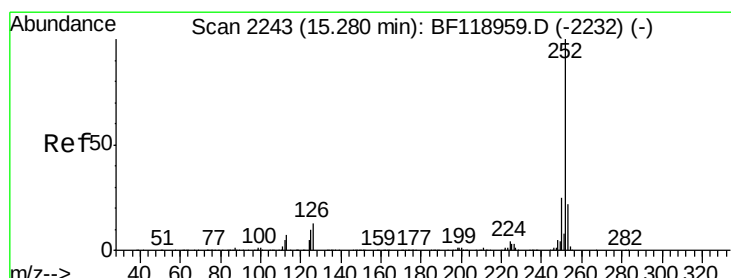
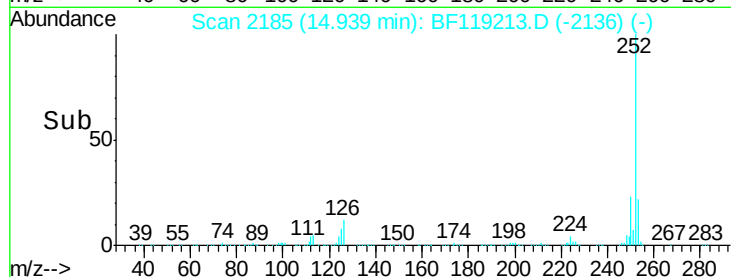
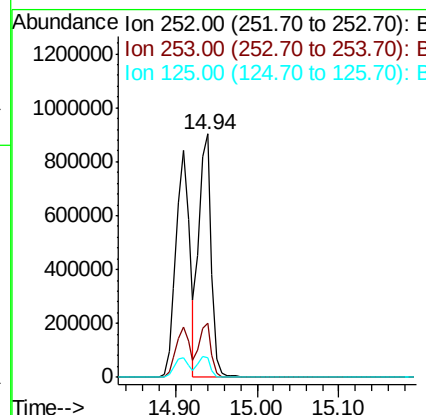
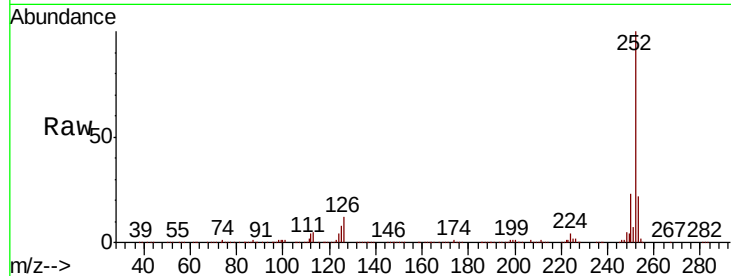
#89
Benzo(k)fluoranthene
Concen: 49.787 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.3	7.5	11.3

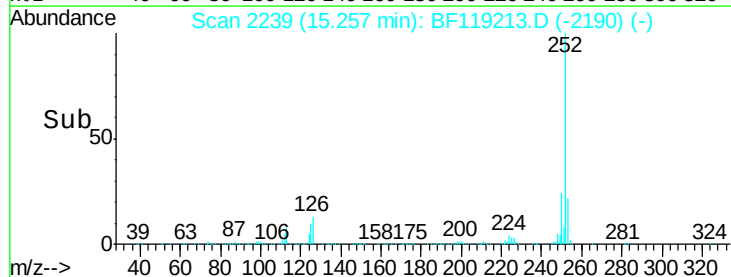
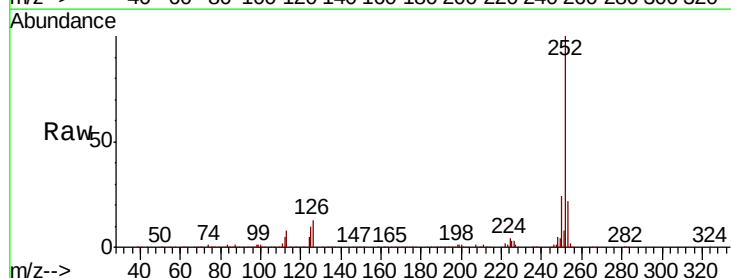
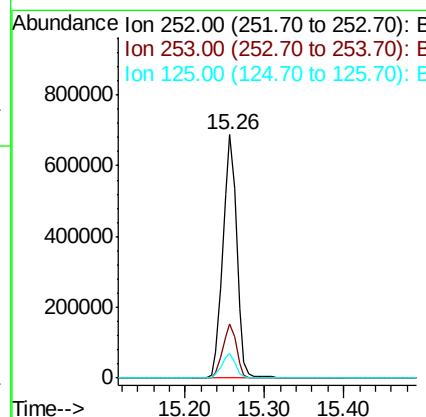
Manual Integrations
APPROVED

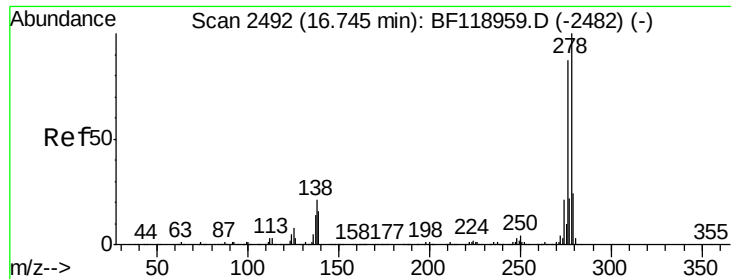
mohammad
3/9/2020 8:26:55 AM



#90
Benzo(a)pyrene
Concen: 45.352 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.9	8.6	12.8





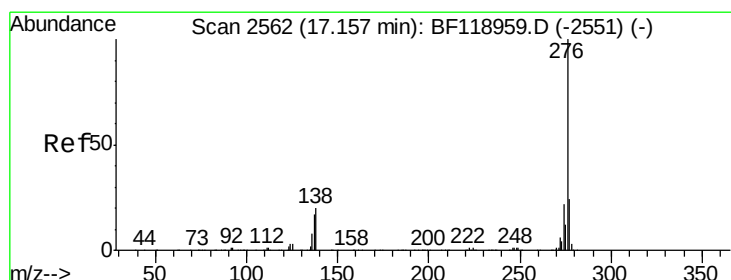
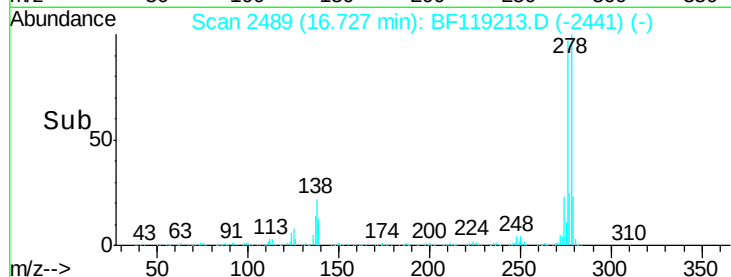
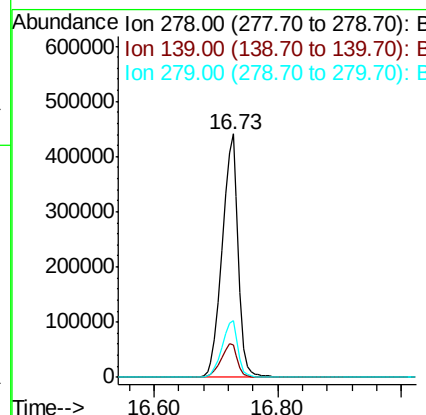
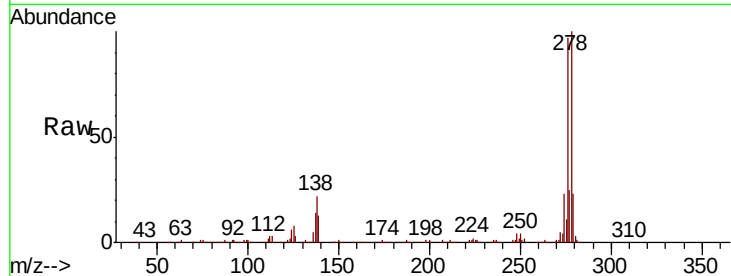
#91
Dibenzo(a,h)anthracene
Concen: 48.893 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.02 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Instrument :
BNA_F
ClientSampleId :
PB127192BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.0	16.4
279	23.4	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/9/2020 8:26:55 AM



#92
Benzo(g,h,i)perylene
Concen: 49.623 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119213.D
Acq: 5 Mar 2020 14:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	18.5	14.3	21.5

