

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119486.D
 Acq On : 24 Mar 2020 13:24
 Operator : CG/JU
 Sample : PB127731BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:25 PM

Quant Time: Mar 24 17:08:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	306273	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1173964	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	612241	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1207162	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	925934	20.00	ng	-0.01
87) Perylene-d12	15.49	264	945700	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2051103	106.61	ng	0.00
7) Phenol-d6	6.47	99	2617053	106.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	1639556	75.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	775415	122.76	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3118006	75.45	ng	-0.01
79) Terphenyl-d14	12.97	244	3723384	78.78	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	294068	30.947	ng	99
3) Pyridine	3.42	79	812612	31.042	ng	96
4) n-Nitrosodimethylamine	3.37	42	441053	34.549	ng	97
6) Aniline	6.50	93	920083	27.125	ng	98
8) 2-Chlorophenol	6.63	128	840733	41.606	ng	99
9) Benzaldehyde	6.39	77	552429	35.433	ng	98
10) Phenol	6.48	94	1070685	40.828	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	802751	38.274	ng	96
12) 1,3-Dichlorobenzene	6.79	146	845800	38.674	ng	98
13) 1,4-Dichlorobenzene	6.86	146	861834	39.397	ng	98
14) 1,2-Dichlorobenzene	7.02	146	803255	39.285	ng	100
15) Benzyl Alcohol	6.99	79	715579	38.707	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1550945	36.660	ng	98
17) 2-Methylphenol	7.09	107	684684	36.982	ng	99
18) Hexachloroethane	7.36	117	324550	40.485	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	589056	39.764	ng	96
20) 3+4-Methylphenols	7.25	107	841008	37.066	ng	# 87
22) Acetophenone	7.25	105	1083663	38.631	ng	# 88
24) Nitrobenzene	7.43	77	870438	37.706	ng	97
25) Isophorone	7.67	82	1626412	37.117	ng	99
26) 2-Nitrophenol	7.75	139	437117	48.091	ng	95
27) 2,4-Dimethylphenol	7.78	122	749281	39.867	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1028551	39.695	ng	99
29) 2,4-Dichlorophenol	7.99	162	697649	40.399	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	742158	38.861	ng	99
31) Naphthalene	8.15	128	2362728	39.109	ng	100
32) Benzoic acid	7.90	122	566113	46.826	ng	98
33) 4-Chloroaniline	8.20	127	488733	17.655	ng	97
34) Hexachlorobutadiene	8.27	225	421713	39.466	ng	98
35) Caprolactam	8.56	113	222482m	39.365	ng	
36) 4-Chloro-3-methylphenol	8.68	107	753762	39.936	ng	99
37) 2-Methylnaphthalene	8.85	142	1633325	41.195	ng	99
38) 1-Methylnaphthalene	8.95	142	1524611	40.626	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	694410	38.696	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119486.D
 Acq On : 24 Mar 2020 13:24
 Operator : CG/JU
 Sample : PB127731BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

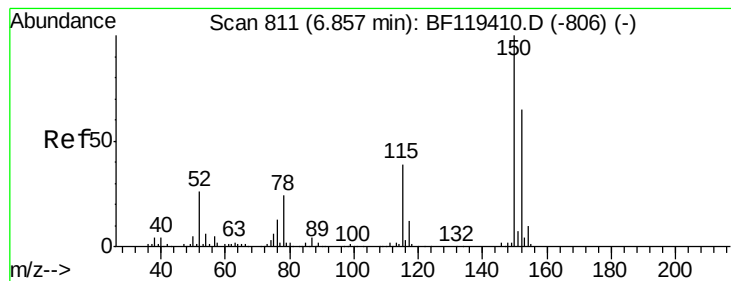
Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:25 PM

Quant Time: Mar 24 17:08:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	892068	87.440	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	529674	41.245	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	541603	37.648	nq	94
46) 1,1'-Biphenyl	9.31	154	1931906	38.743	nq	100
47) 2-Chloronaphthalene	9.33	162	1512951	38.735	nq	99
48) 2-Nitroaniline	9.43	65	543147	40.288	nq	98
49) Acenaphthylene	9.75	152	2390284	38.970	nq	100
50) Dimethylphthalate	9.62	163	1771100	40.726	nq	100
51) 2,6-Dinitrotoluene	9.67	165	398806	42.784	nq #	80
52) Acenaphthene	9.93	154	1660149	43.416	nq	98
53) 3-Nitroaniline	9.84	138	268029	22.776	nq	97
54) 2,4-Dinitrophenol	9.95	184	411875	100.106	nq	96
55) Dibenzofuran	10.10	168	2143080	39.090	nq	99
56) 4-Nitrophenol	10.00	139	724842	78.079	nq	90
57) 2,4-Dinitrotoluene	10.07	165	530777	45.202	nq #	88
58) Fluorene	10.44	166	1641956	40.501	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	466986	43.427	nq	99
60) Diethylphthalate	10.32	149	1854036	42.006	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	802680	40.487	nq	98
62) 4-Nitroaniline	10.46	138	430311	38.132	nq	98
63) Azobenzene	10.59	77	1796692	40.423	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	274300	54.189	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1536473	38.771	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	531446	38.656	nq	99
68) Hexachlorobenzene	10.99	284	567628	40.341	nq	97
69) Atrazine	11.08	200	479949	44.176	nq	99
70) Pentachlorophenol	11.18	266	665569	80.670	nq	99
71) Phenanthrene	11.40	178	2420481	38.669	nq	99
72) Anthracene	11.46	178	2482805	39.027	nq	99
73) Carbazole	11.61	167	2347715	37.284	nq	99
74) Di-n-butylphthalate	11.94	149	2937150	43.604	nq	98
75) Fluoranthene	12.59	202	2710826	40.017	nq	99
77) Benzidine	12.72	184	1492178	38.080	nq	98
78) Pyrene	12.82	202	2735547	35.999	nq	100
80) Butylbenzylphthalate	13.44	149	1349373	43.904	nq	100
81) Benzo(a)anthracene	14.02	228	2249874	37.366	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	584345	24.613	nq	97
83) Chrysene	14.05	228	2388654	38.439	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1798484	49.087	nq	99
85) Di-n-octyl phthalate	14.62	149	3258659	50.572	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2303942	39.367	nq	98
88) Benzo(b)fluoranthene	15.06	252	2394755	37.908	nq	100
89) Benzo(k)fluoranthene	15.10	252	2385071	39.650	nq	98
90) Benzo(a)pyrene	15.43	252	2163415	37.683	nq #	96
91) Dibenzo(a,h)anthracene	16.98	278	1934621	38.527	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1862367	36.917	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:152 Resp: 306273

Ion Ratio Lower Upper

152 100

150 151.7 123.9 185.9

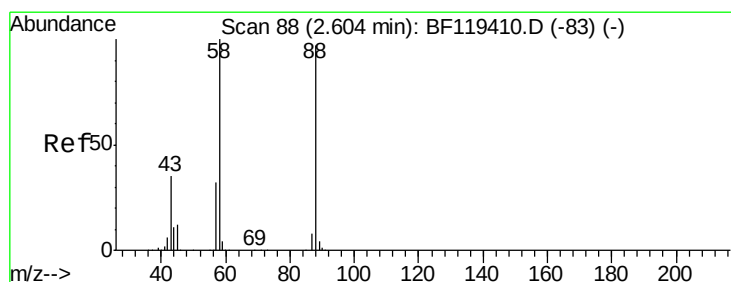
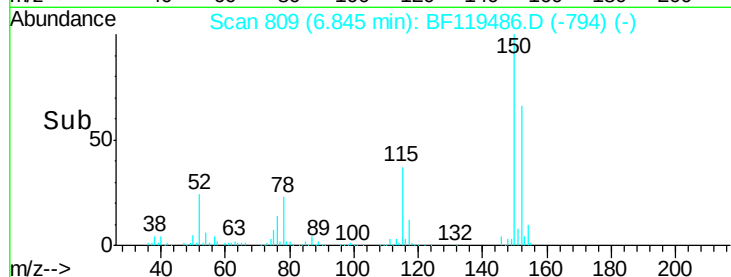
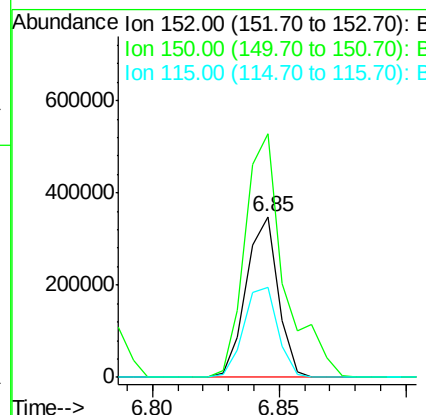
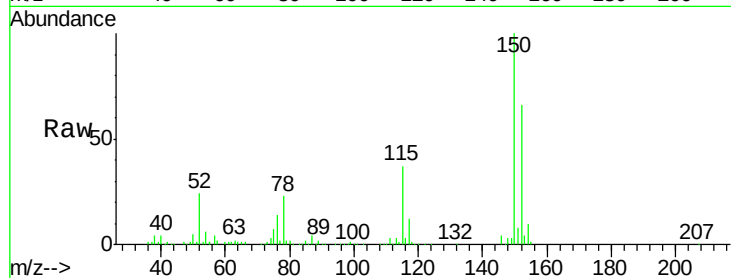
115 56.2 47.8 71.6

Manual Integrations

APPROVED

mohammad

3/25/2020 12:29:25 PM



#2

1,4-Dioxane

Concen: 30.947 ng

RT: 2.68 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

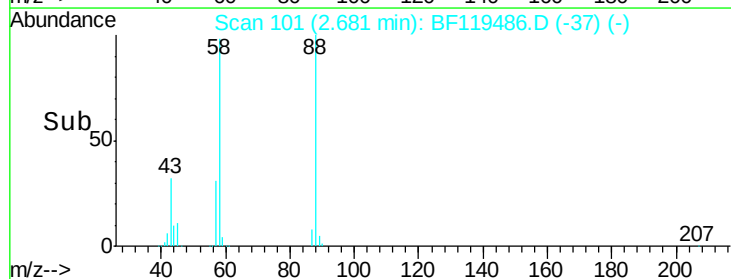
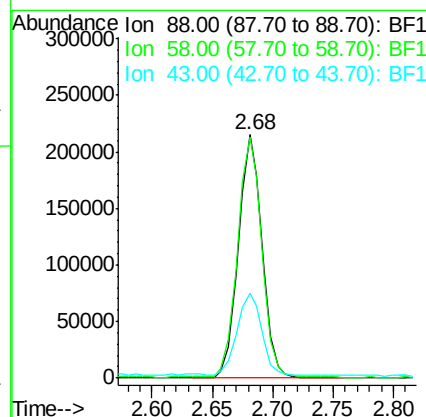
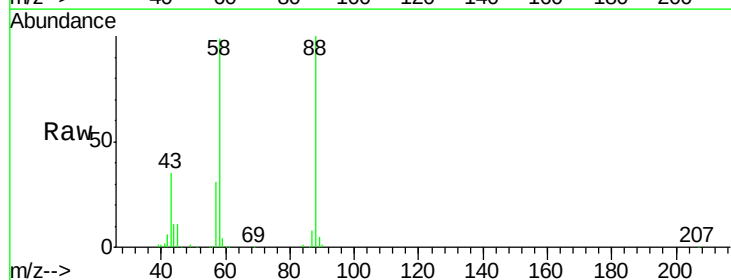
Tgt Ion: 88 Resp: 294068

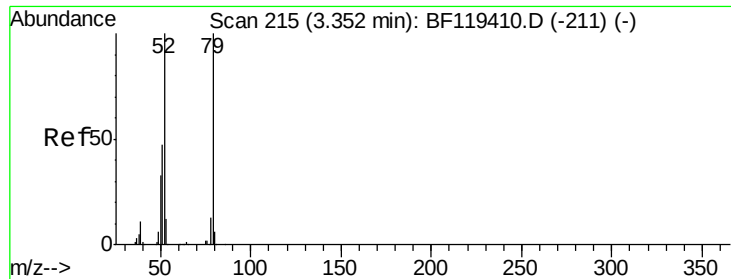
Ion Ratio Lower Upper

88 100

58 100.8 79.4 119.2

43 35.4 28.4 42.6





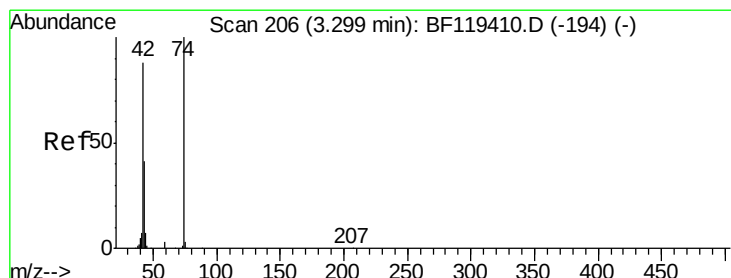
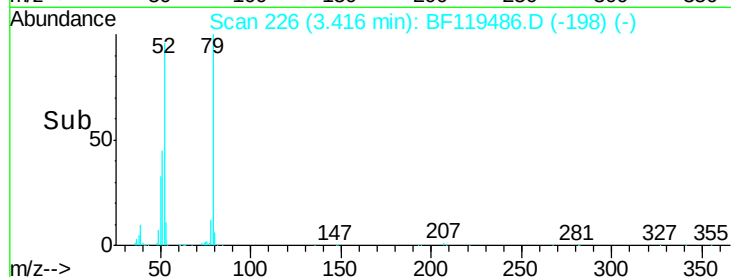
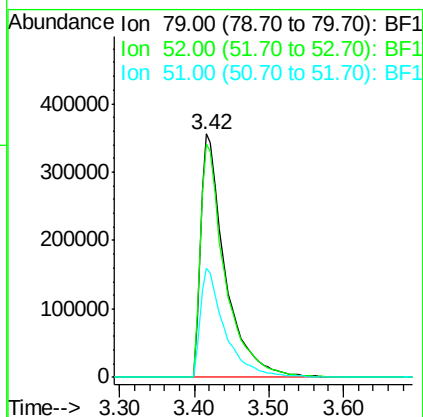
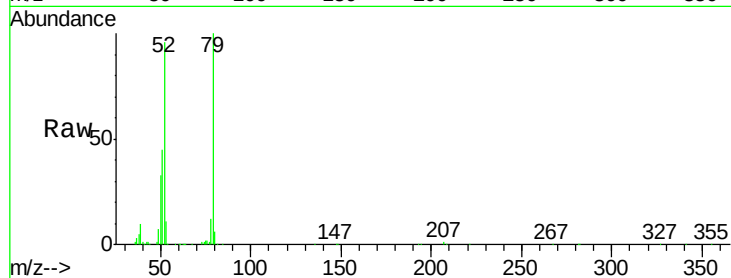
#3
 Pvrindine
 Concen: 31.042 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	95.9	80.0	120.0		
51	44.8	37.9	56.9		

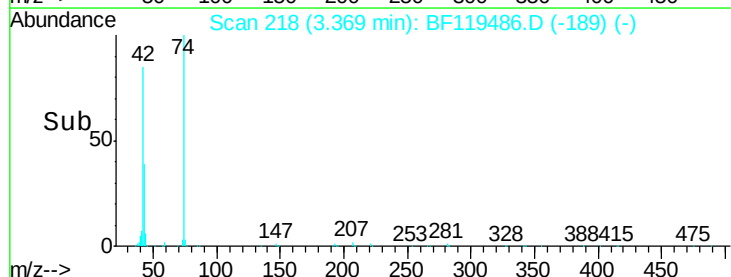
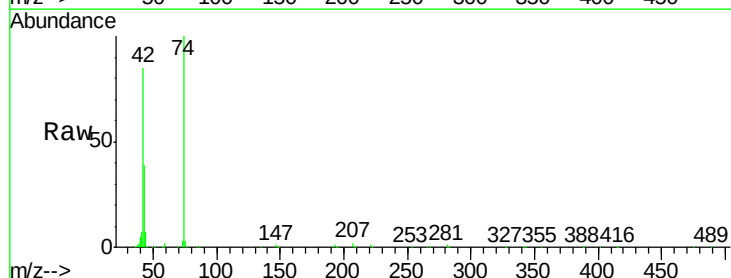
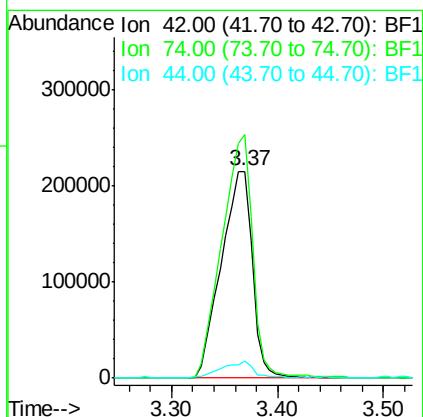
Manual Integrations
 APPROVED

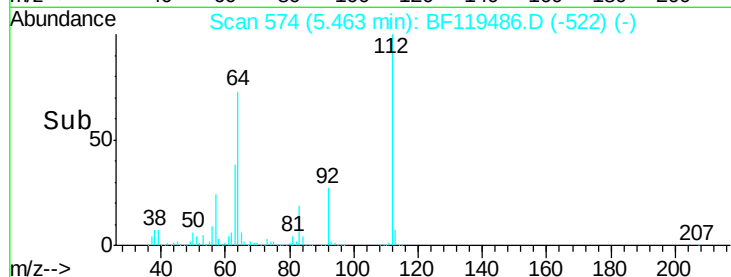
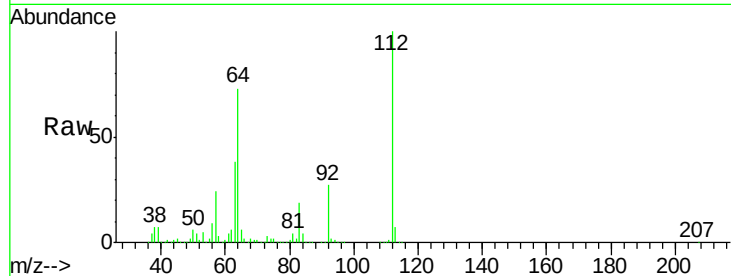
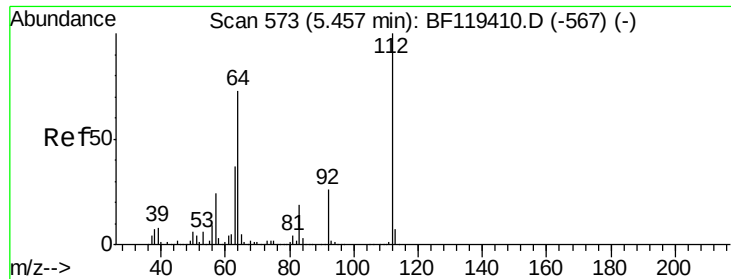
mohammad
 3/25/2020 12:29:25 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.549 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.07 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	117.6	91.3	136.9		
44	8.0	7.1	10.7		





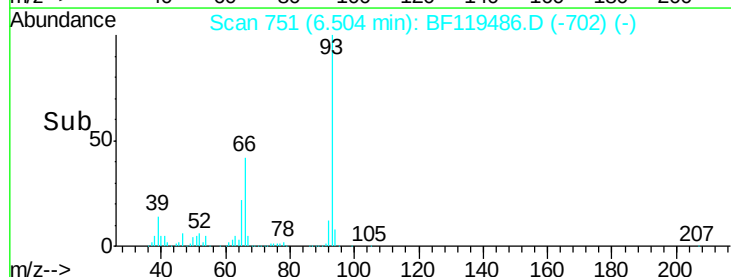
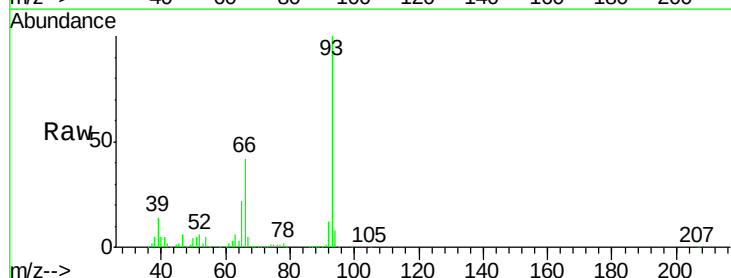
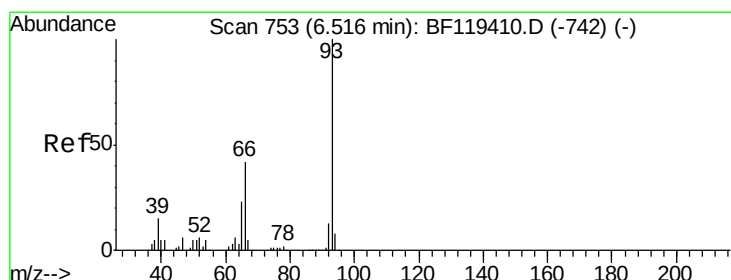
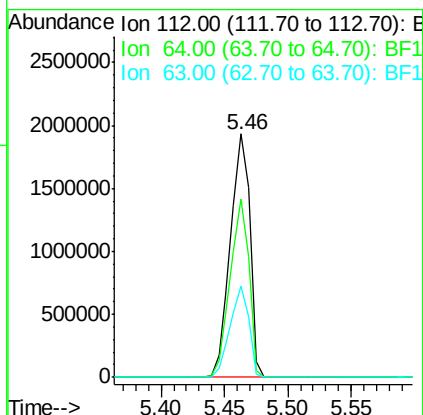
#5
2-Fluorophenol
Concen: 106.610 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tot Ion	Ratio	Lower	Upper
112	100		
64	73.4	58.1	87.1
63	37.6	29.7	44.5

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

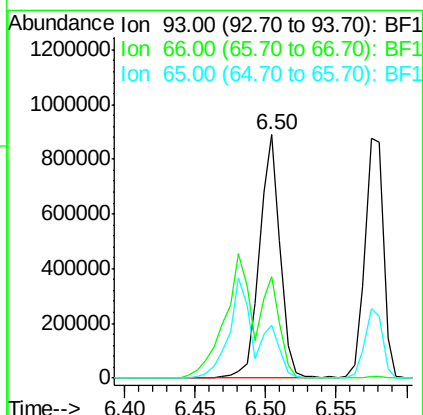
Manual Integrations
APPROVED

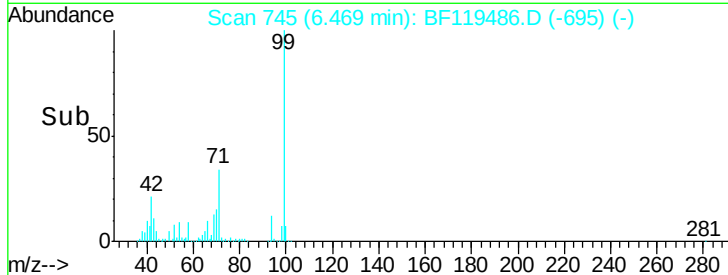
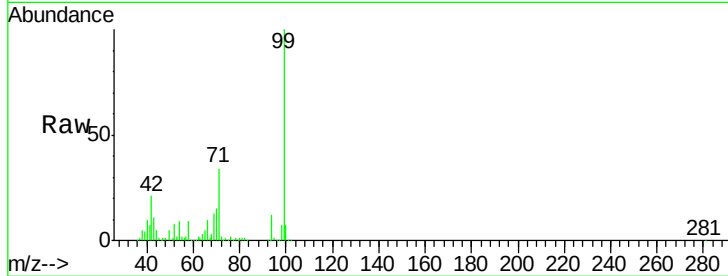
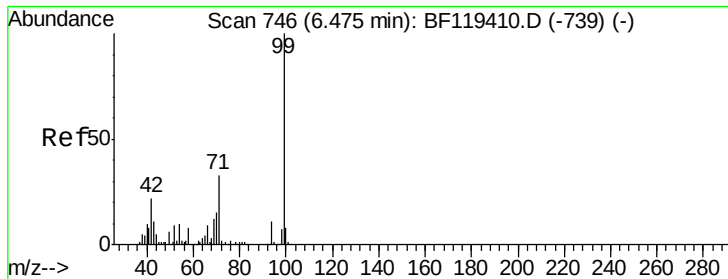
mohammad
3/25/2020 12:29:25 PM



#6
Aniline
Concen: 27.125 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.5	34.2	51.4
65	21.7	18.2	27.4





#7

Phenol-d6

Concen: 106.484 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Tot Ion: 99 Resp: 2617053

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

71 34.2 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

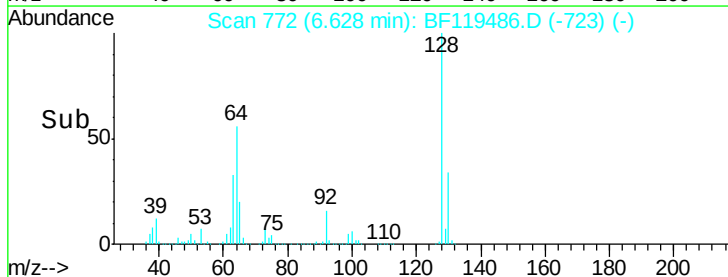
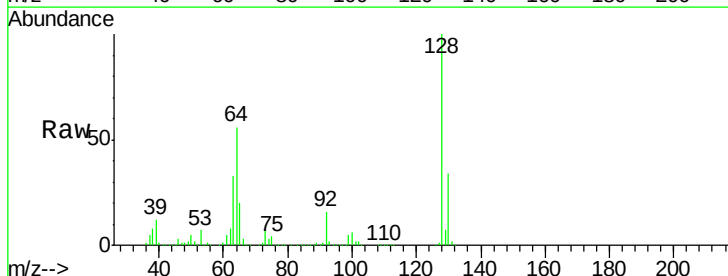
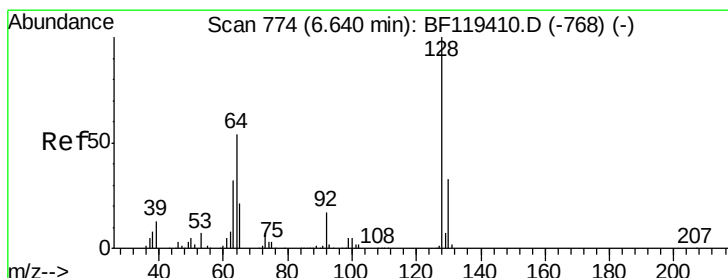
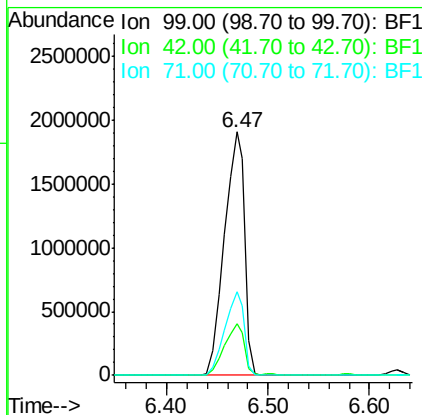
PB127731BSD

Manual Integrations

APPROVED

mohammad

3/25/2020 12:29:25 PM



#8

2-Chlorophenol

Concen: 41.606 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

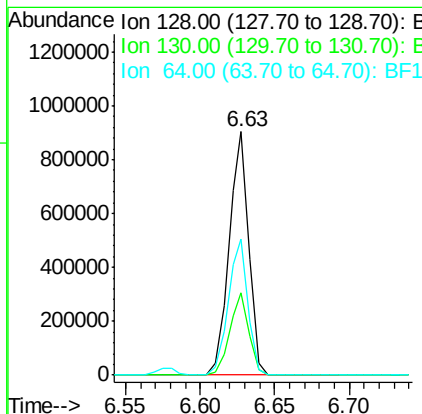
Tgt Ion:128 Resp: 840733

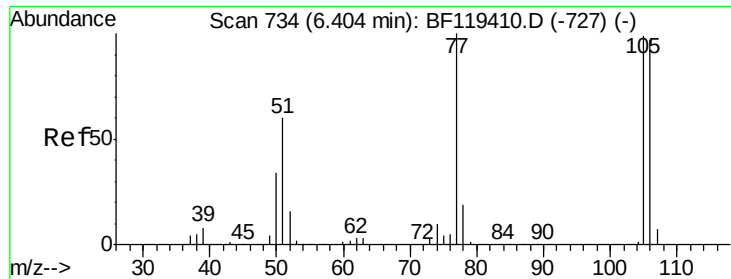
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 55.7 35.1 75.1





#9

Benzaldehyde

Concen: 35.433 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion: 77 Resp: 552429

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

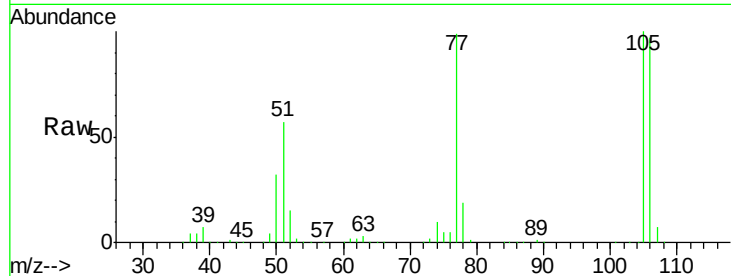
106 97.9 76.5 116.5

Manual Integrations

APPROVED

mohammad

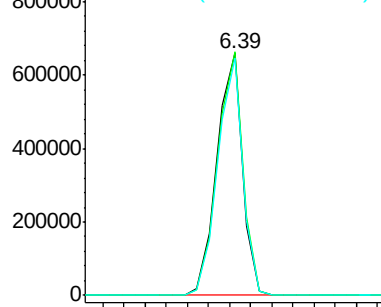
3/25/2020 12:29:25 PM



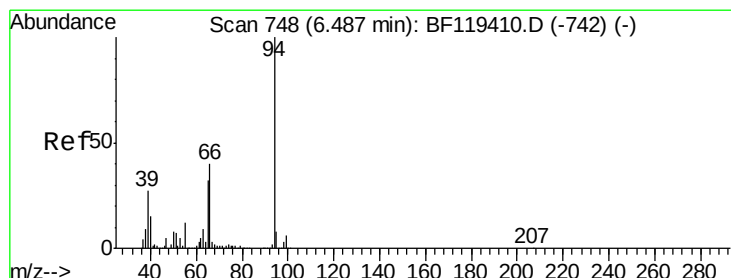
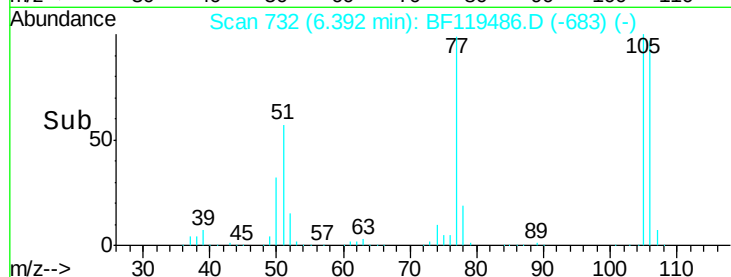
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



Time-->



#10

Phenol

Concen: 40.828 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

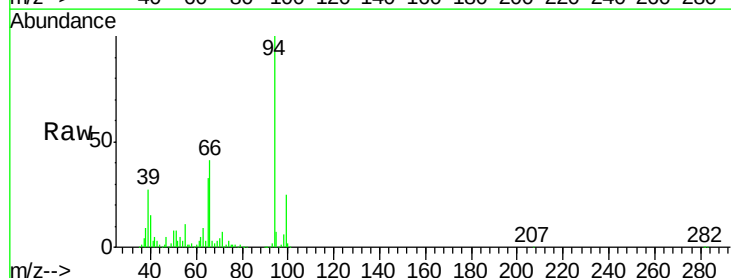
Tgt Ion: 94 Resp: 1070685

Ion Ratio Lower Upper

94 100

65 33.2 12.0 52.0

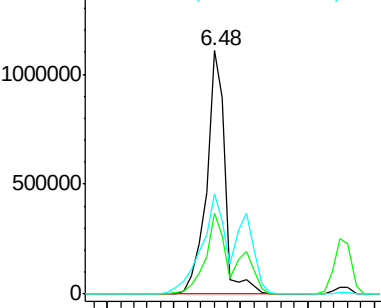
66 41.2 20.6 60.6



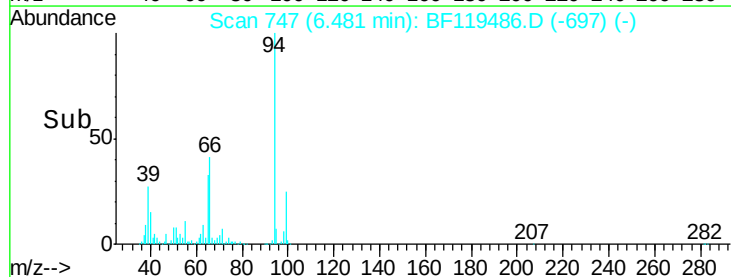
Abundance Ion 94.00 (93.70 to 94.70): BF1

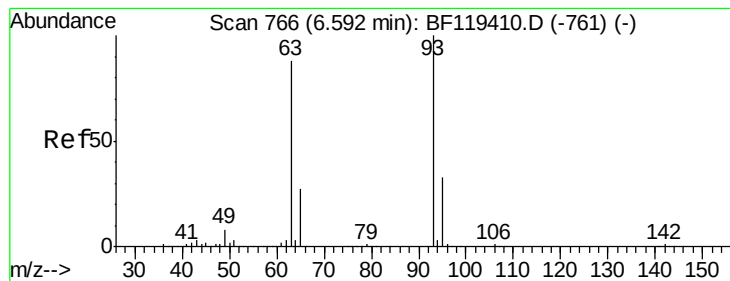
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->





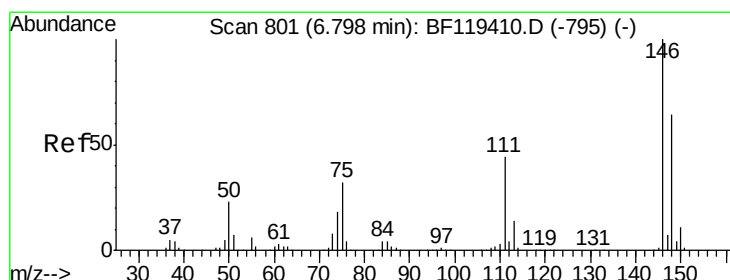
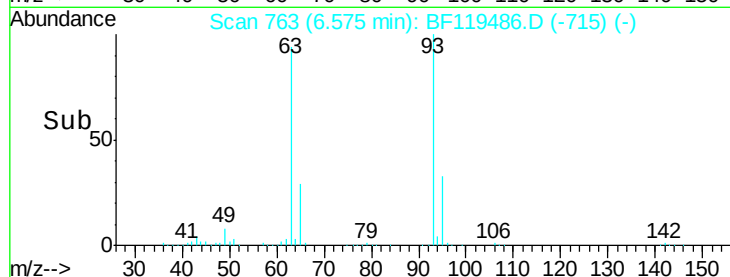
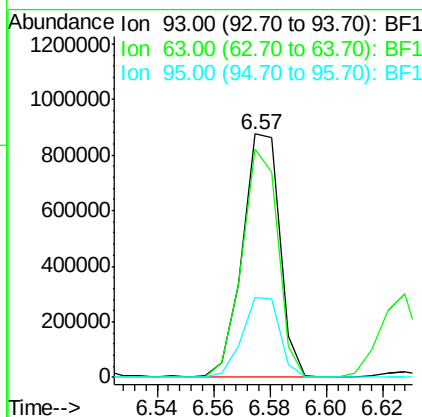
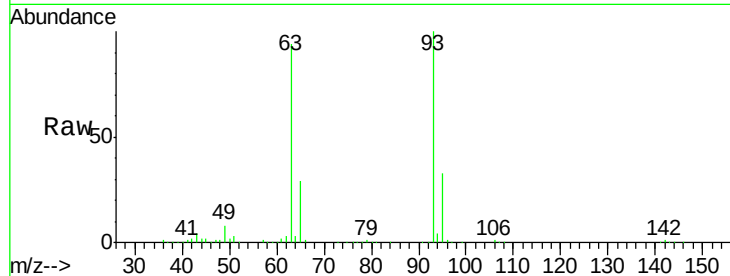
#11
bis(2-Chloroethyl)ether
Concen: 38.274 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.5	68.4	108.4
95	32.8	13.4	53.4

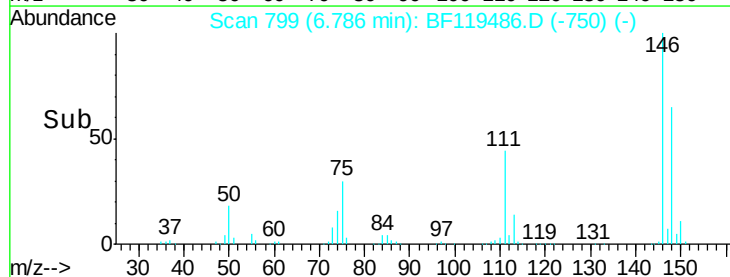
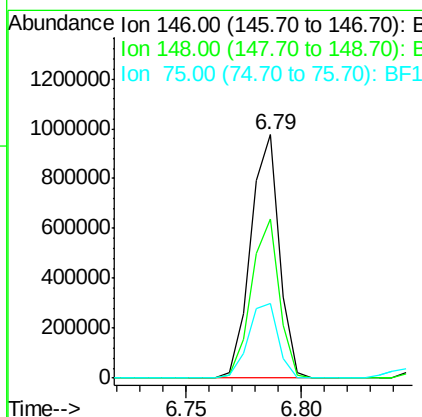
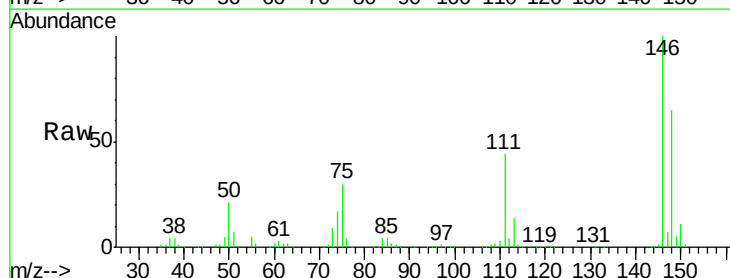
Manual Integrations
APPROVED

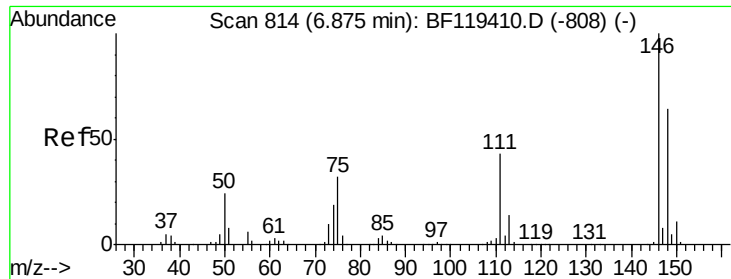
mohammad
3/25/2020 12:29:25 PM



#12
1,3-Dichlorobenzene
Concen: 38.674 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
75	30.4	25.8	38.8





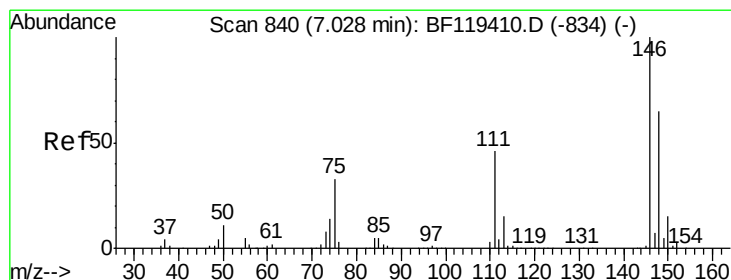
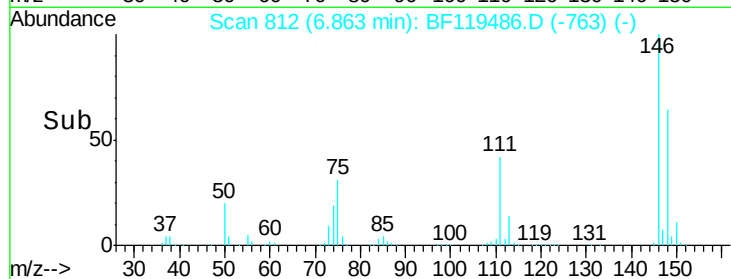
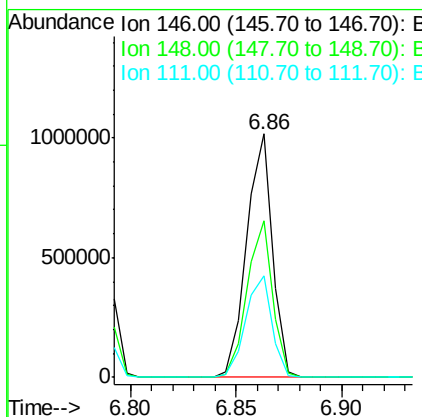
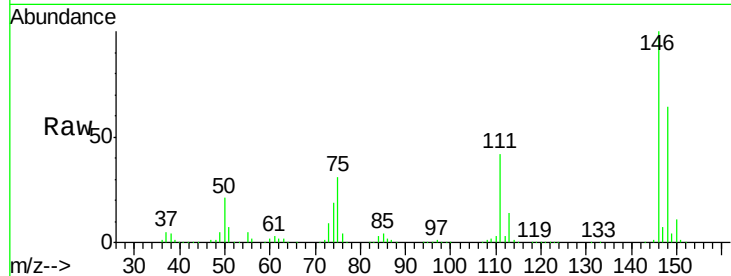
#13
1,4-Dichlorobenzene
Concen: 39.397 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
111	41.8	34.6	52.0

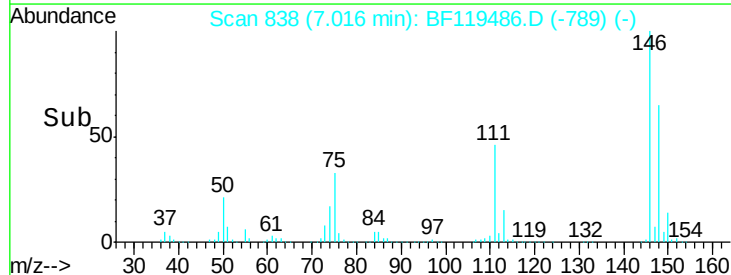
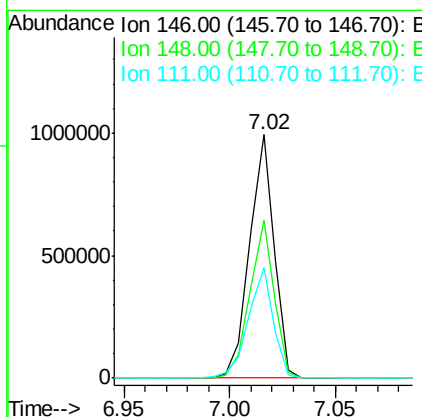
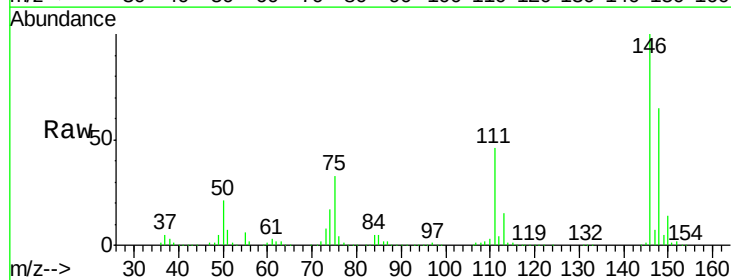
Manual Integrations
APPROVED

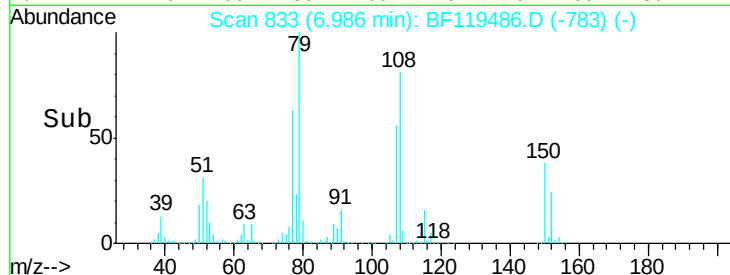
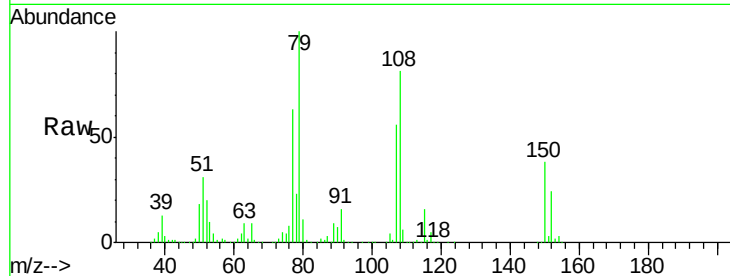
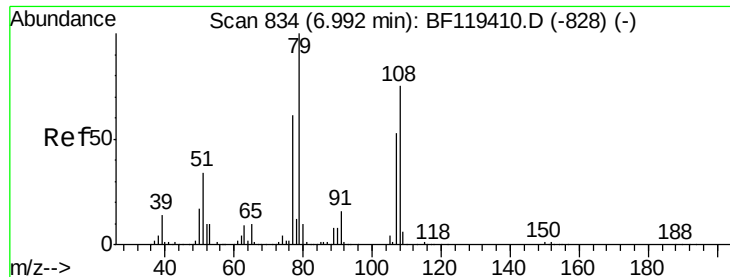
mohammad
3/25/2020 12:29:25 PM



#14
1,2-Dichlorobenzene
Concen: 39.285 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
111	45.5	36.4	54.6





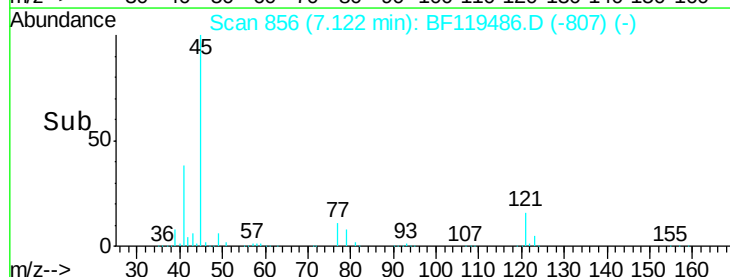
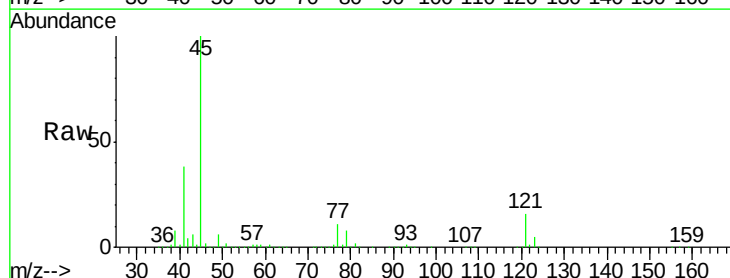
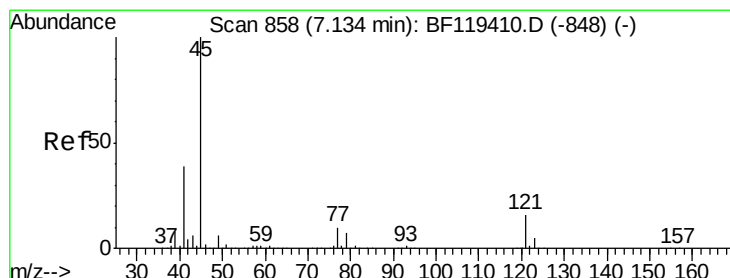
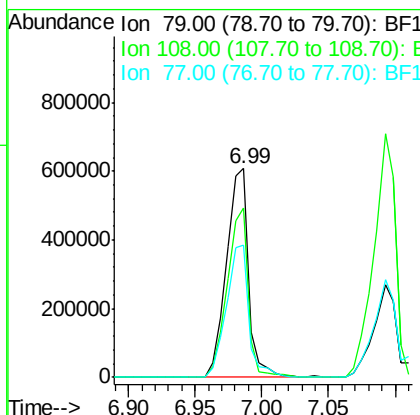
#15
Benzyl Alcohol
Concen: 38.707 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	60.4	90.6
77	63.5	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

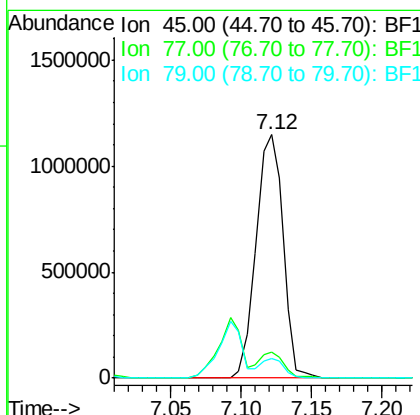
Manual Integrations
APPROVED

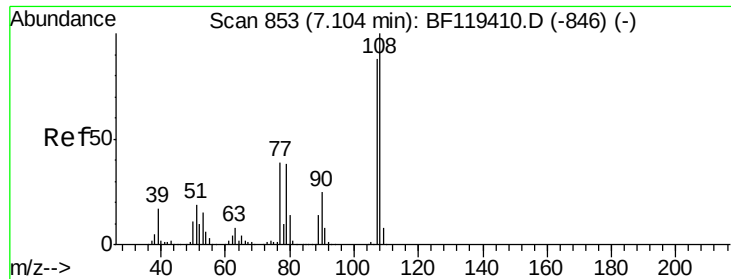
mohammad
3/25/2020 12:29:25 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.660 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.1
79	8.2	0.0	27.4





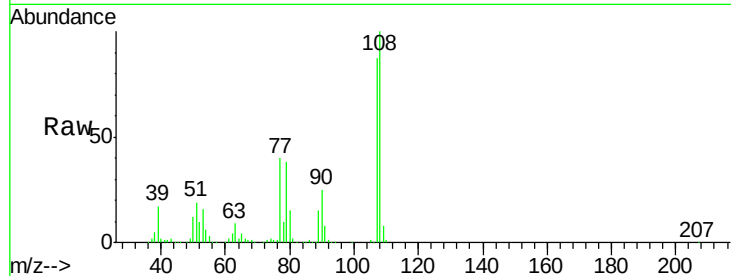
#17
2-Methylphenol
Concen: 36.982 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

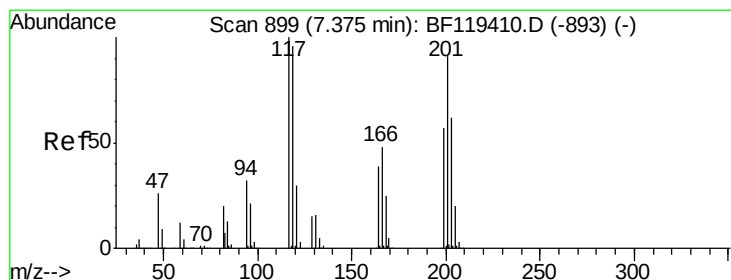
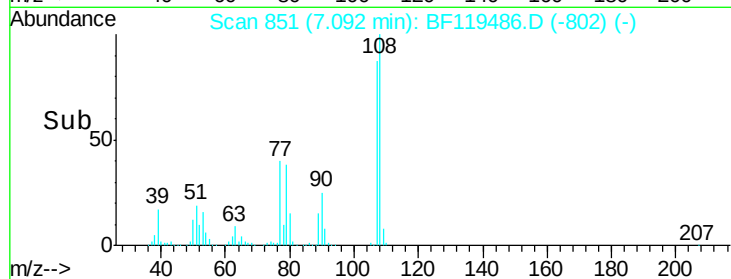
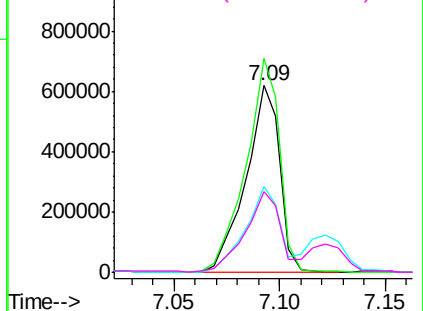
Tot Ion	107	Resp	684684
Ion Ratio	Lower	Upper	
107	100		
108	114.4	90.7	136.1
77	46.2	35.6	53.4
79	43.5	34.7	52.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM

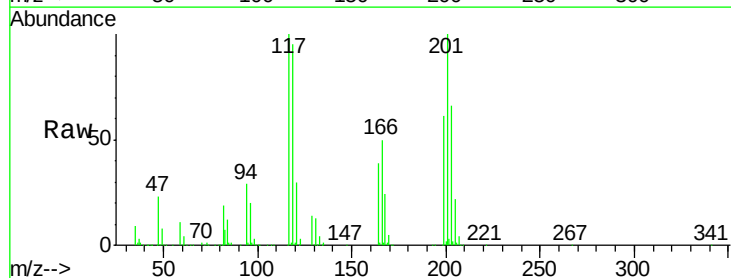


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

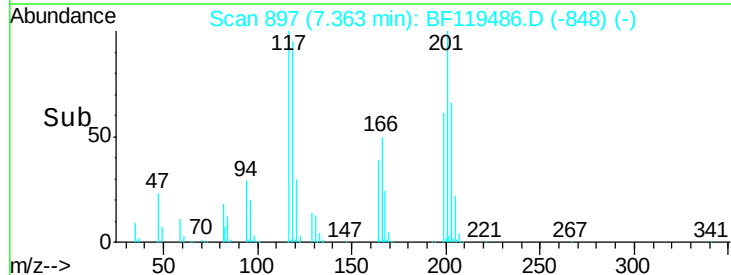
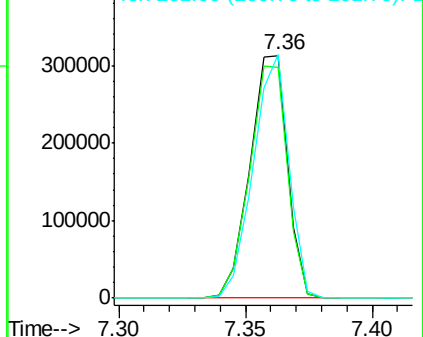


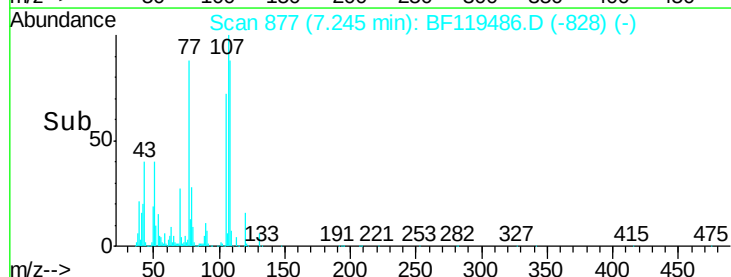
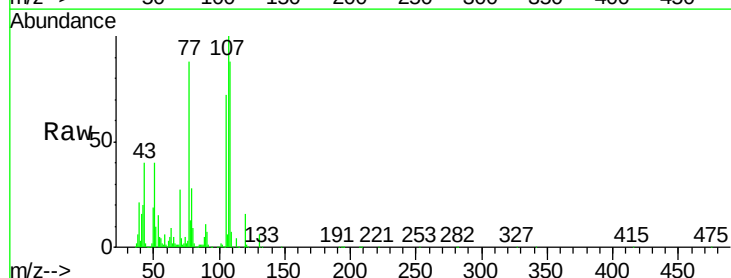
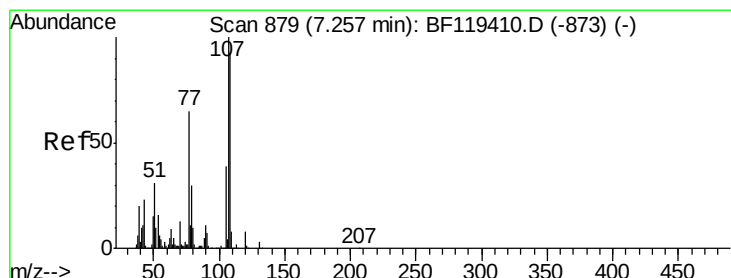
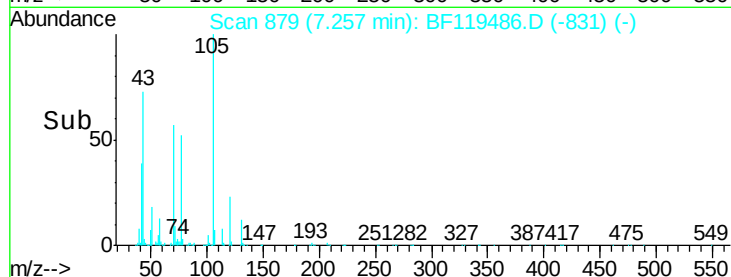
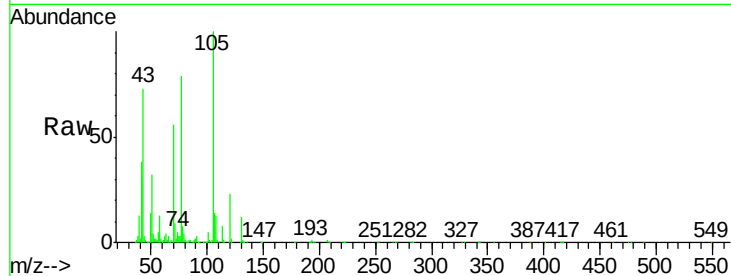
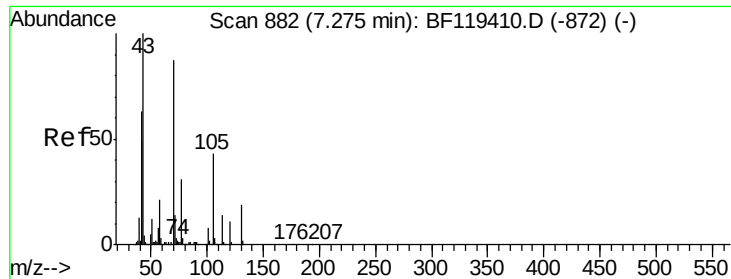
#18
Hexachloroethane
Concen: 40.485 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	117	Resp	324550
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.8	115.2
201	100.2	72.5	108.7



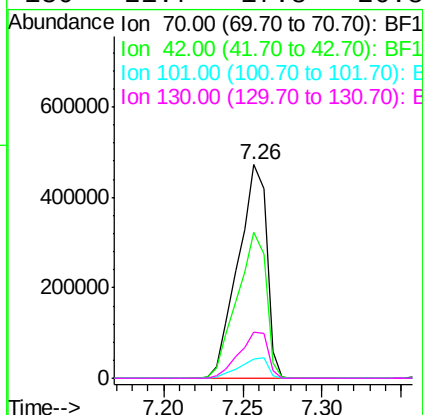
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.764 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		589056		
42	68.1	58.2		87.4	
101	9.2	7.4		11.2	
130	21.7	17.8		26.8	



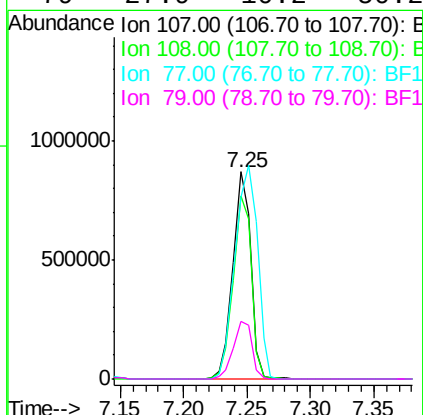
Instrument :
BNA_F
ClientSampleId :
PB127731BSD

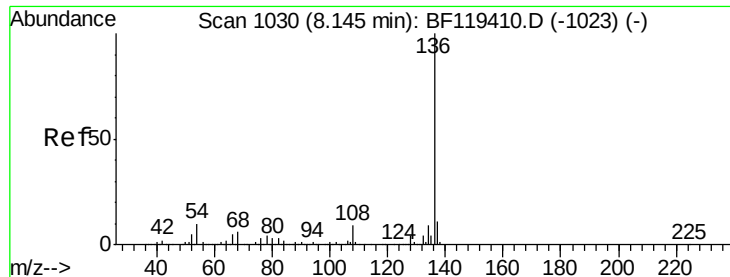
Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM

#20
3+4-Methylphenols
Concen: 37.066 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		841008		
108	88.5	72.6		112.6	
77	87.9	44.7		84.7#	
79	27.9	10.2		50.2	





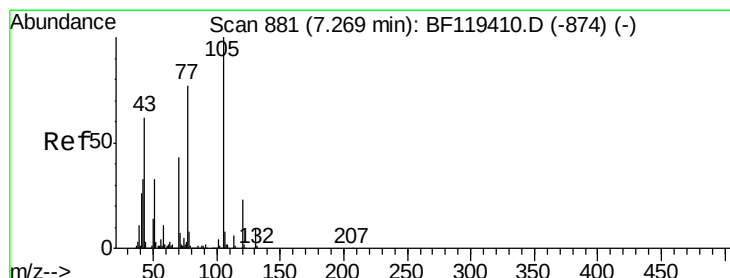
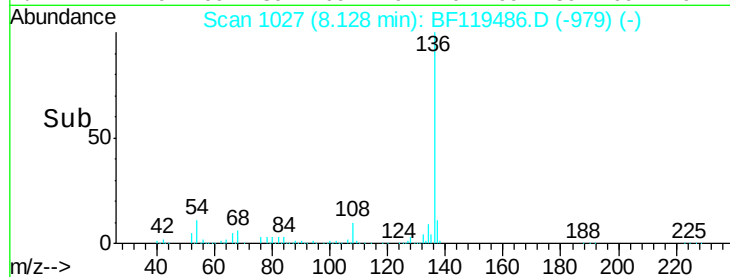
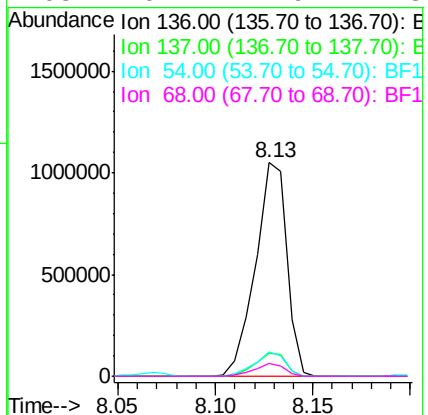
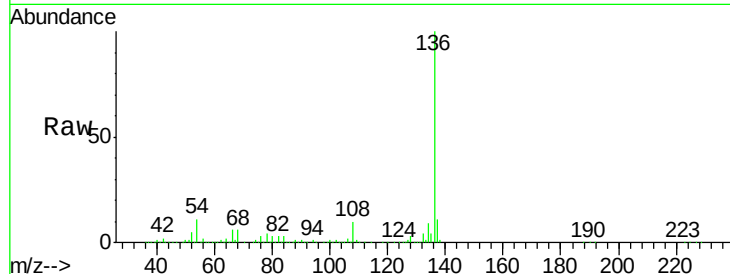
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.0	8.4	12.6	
54	11.3	8.3	12.5	
68	6.1	4.9	7.3	

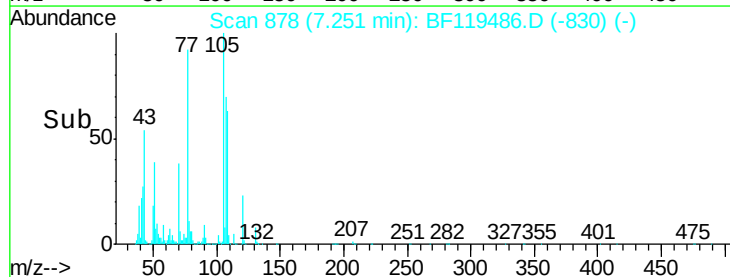
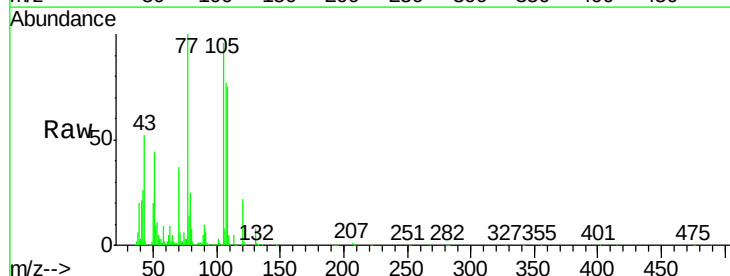
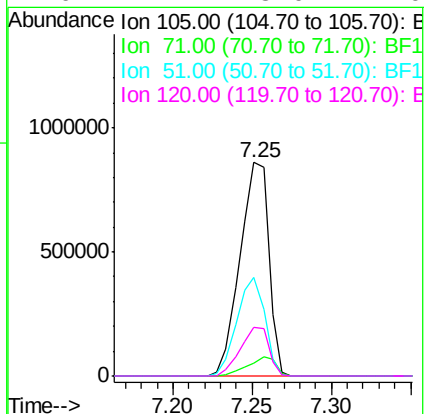
Manual Integrations
APPROVED

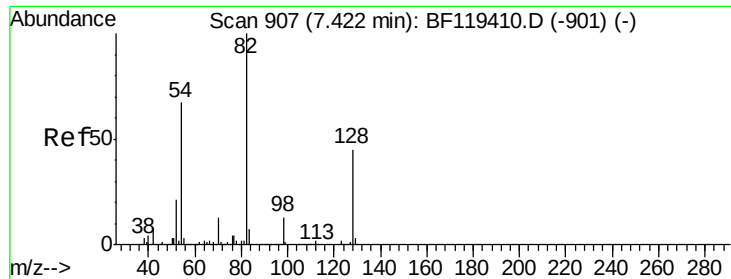
mohammad
3/25/2020 12:29:25 PM



#22
Acetophenone
Concen: 38.631 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	6.1	5.8	8.6	
51	45.9	26.8	40.2	
120	22.7	18.0	27.0	





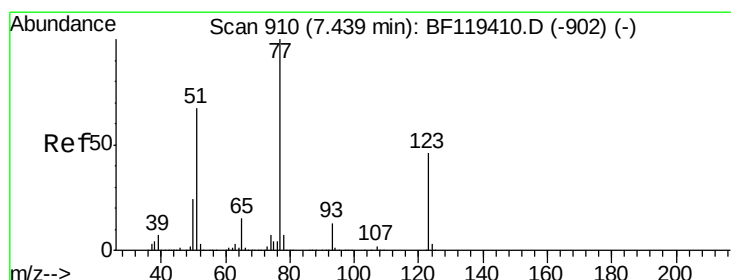
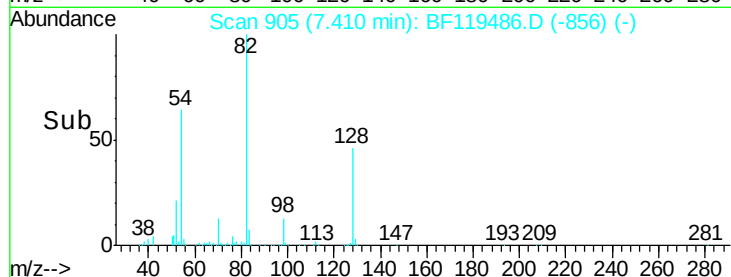
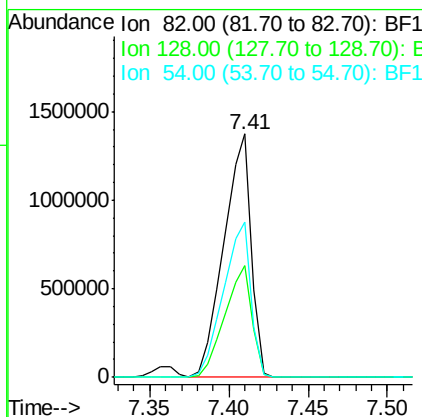
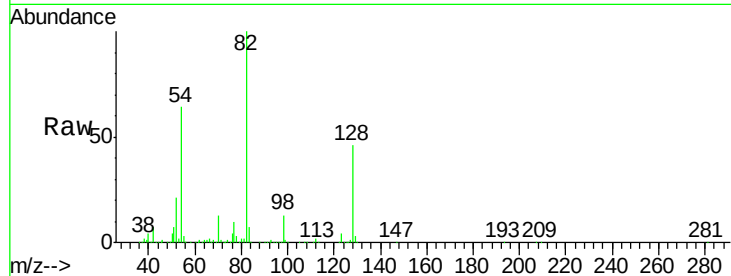
#23
 Nitrobenzene-d5
 Concen: 75.902 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion: 82 Resp: 1639556
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.8 53.8
 54 63.6 53.4 80.0

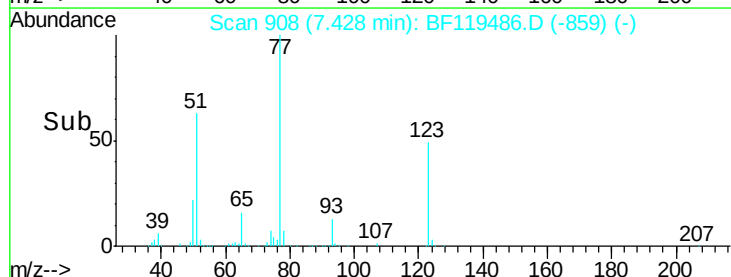
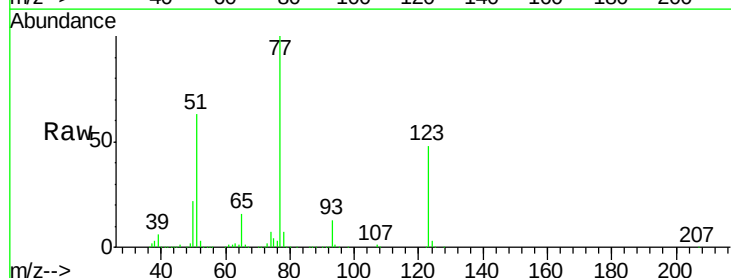
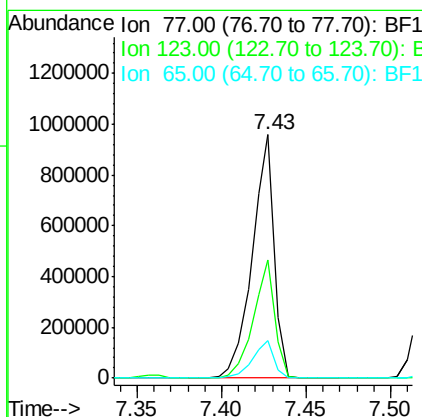
Manual Integrations
 APPROVED

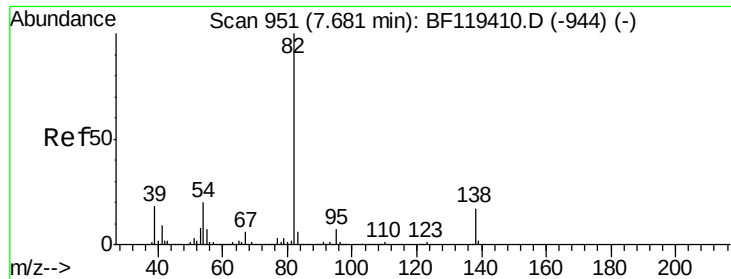
mohammad
 3/25/2020 12:29:25 PM



#24
 Nitrobenzene
 Concen: 37.706 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion: 77 Resp: 870438
 Ion Ratio Lower Upper
 77 100
 123 48.5 36.9 55.3
 65 15.5 12.2 18.4





#25

Isophorone

Concen: 37.117 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion: 82 Resp: 1626412

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

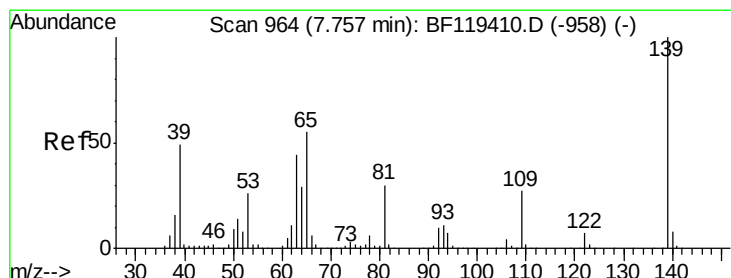
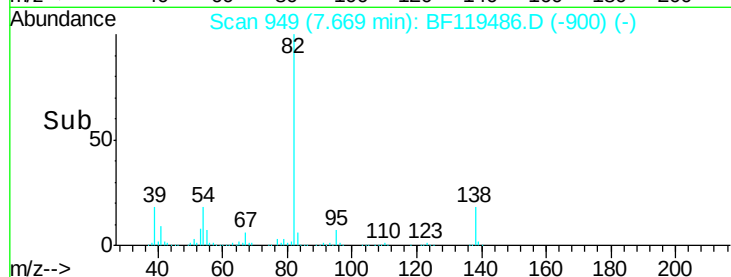
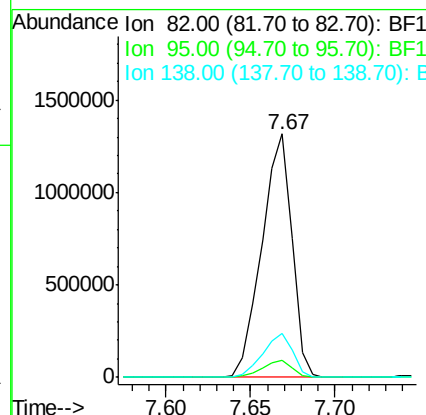
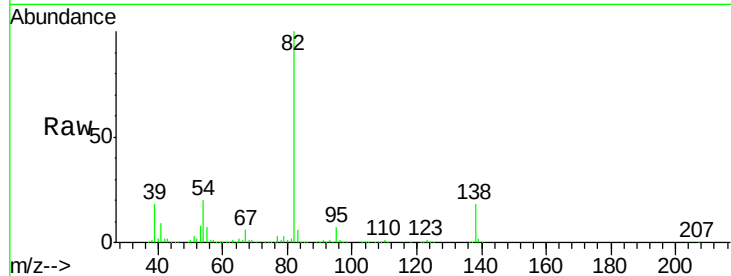
138 17.9 13.8 20.8

Manual Integrations

APPROVED

mohammad

3/25/2020 12:29:25 PM



#26

2-Nitrophenol

Concen: 48.091 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

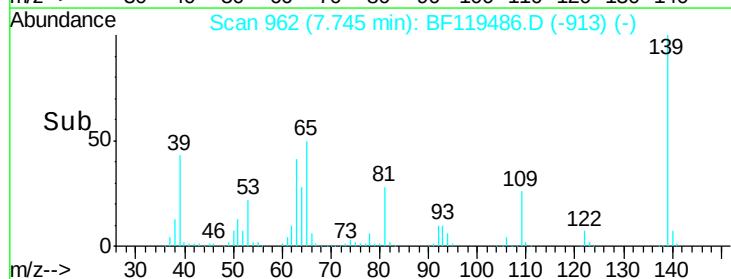
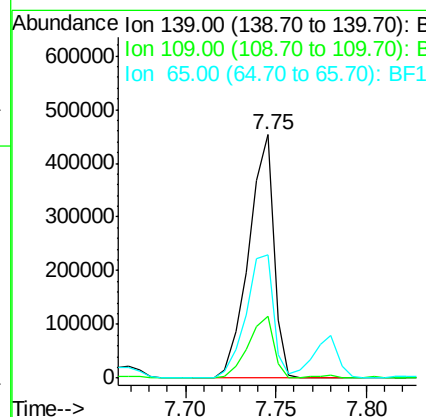
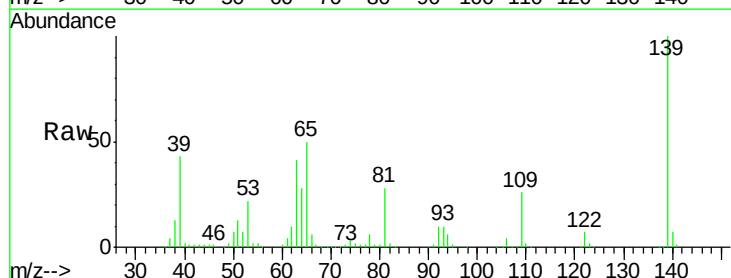
Tgt Ion: 139 Resp: 437117

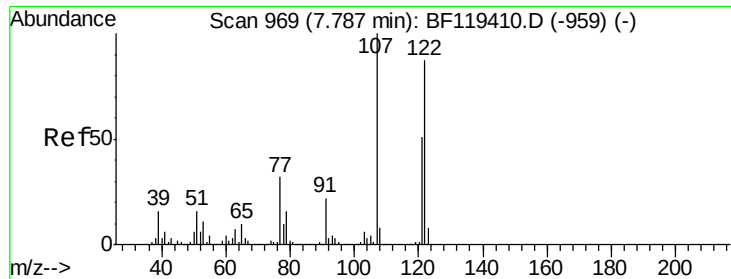
Ion Ratio Lower Upper

139 100

109 25.6 21.7 32.5

65 50.4 43.9 65.9





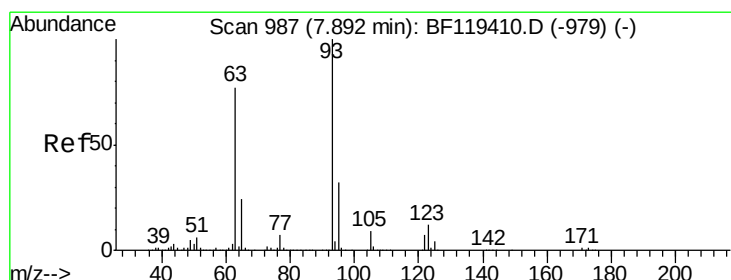
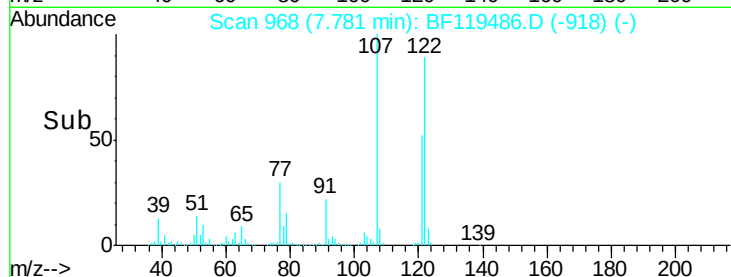
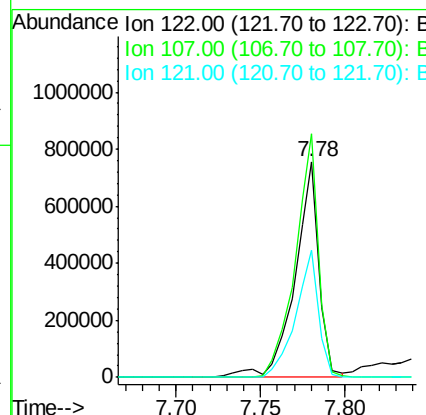
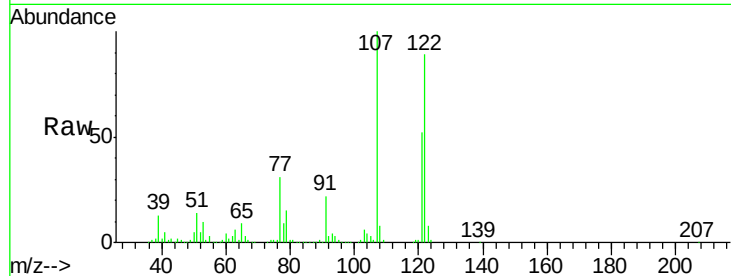
#27
2,4-Dimethylphenol
Concen: 39.867 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	91.8	137.6
121	58.7	46.5	69.7

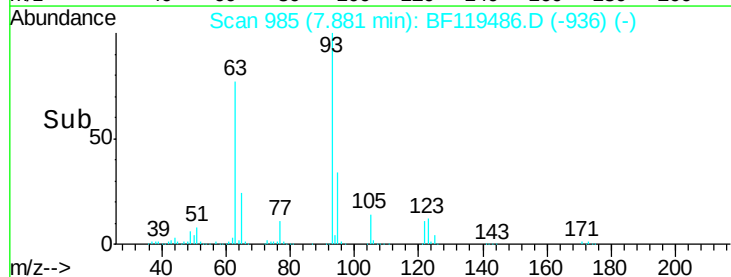
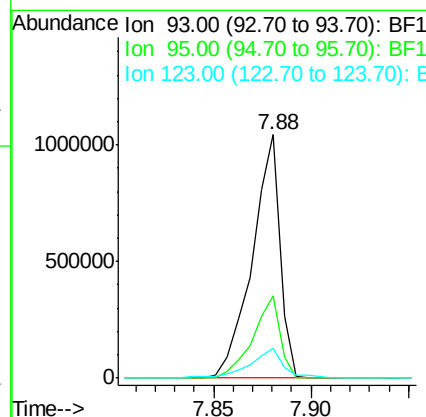
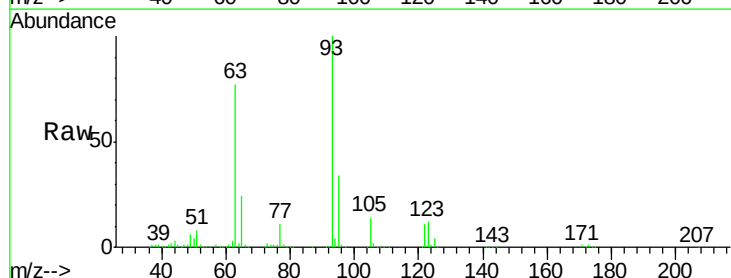
Manual Integrations
APPROVED

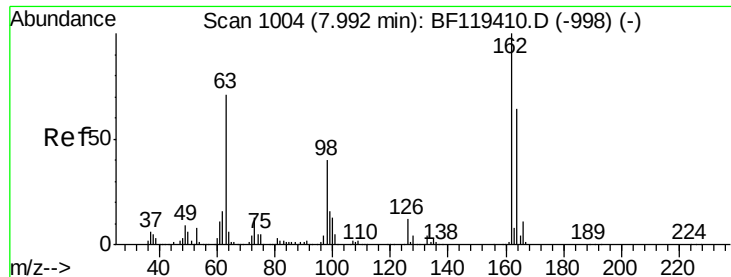
mohammad
3/25/2020 12:29:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.695 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	12.2	9.7	14.5





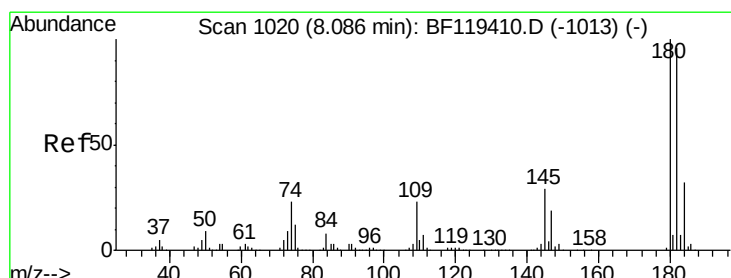
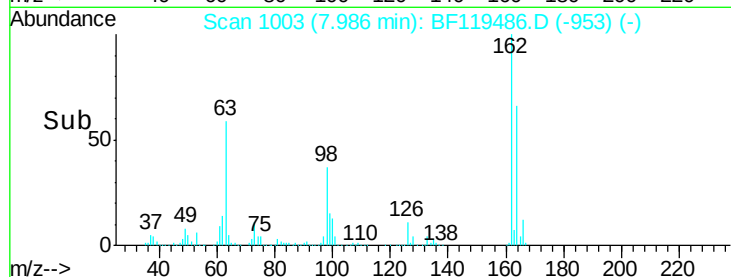
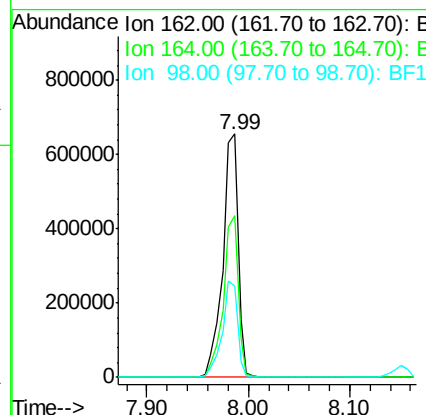
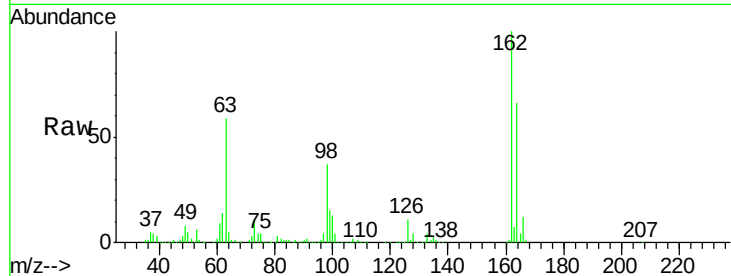
#29
2,4-Dichlorophenol
Concen: 40.399 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	697649		
164	66.4	43.6	83.6	
98	37.2	20.4	60.4	

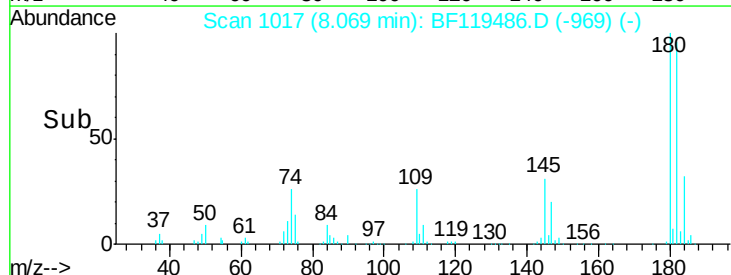
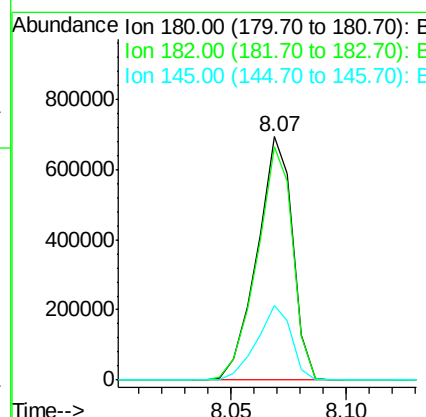
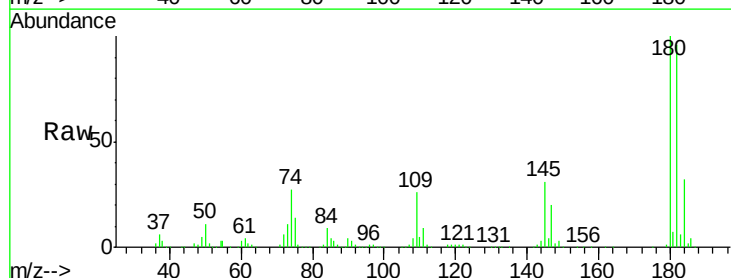
Manual Integrations
APPROVED

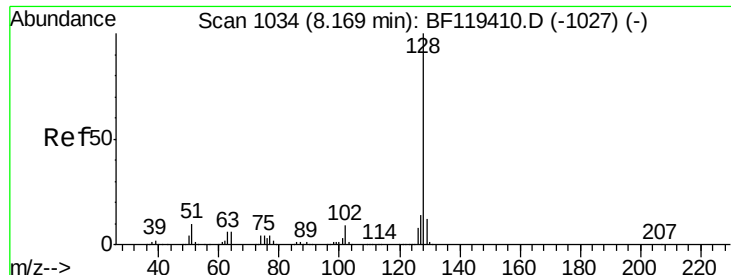
mohammad
3/25/2020 12:29:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.861 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	742158		
182	95.9	76.6	115.0	
145	30.9	23.2	34.8	





#31

Naphthalene

Concen: 39.109 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:128 Resp: 2362728

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

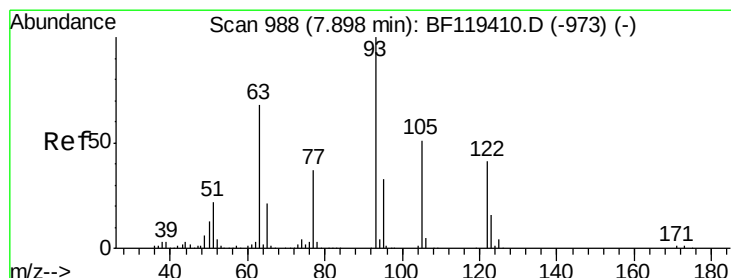
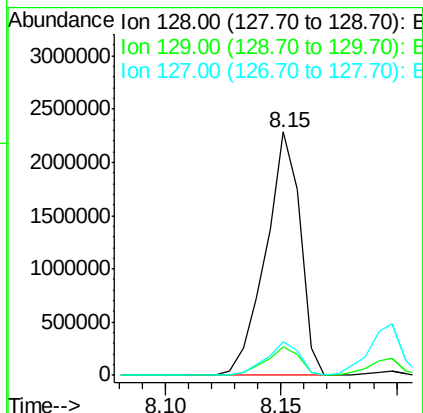
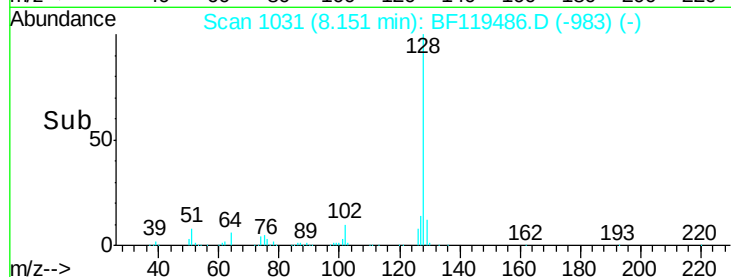
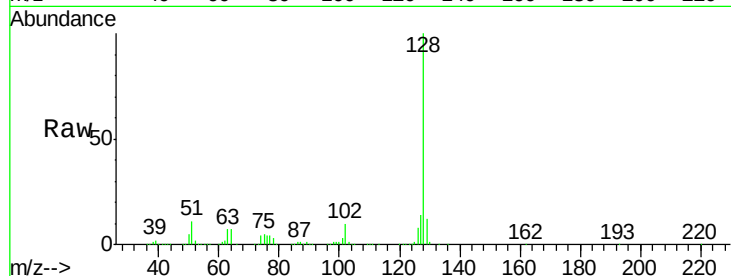
127 13.8 11.0 16.4

Manual Integrations

APPROVED

mohammad

3/25/2020 12:29:25 PM



#32

Benzoic acid

Concen: 46.826 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

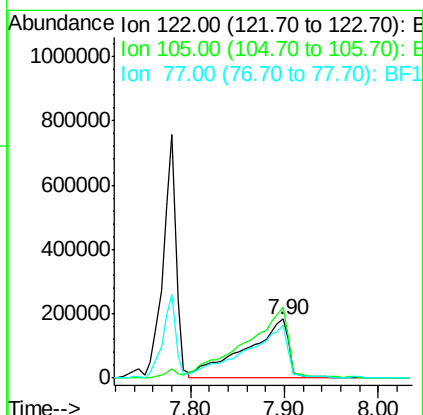
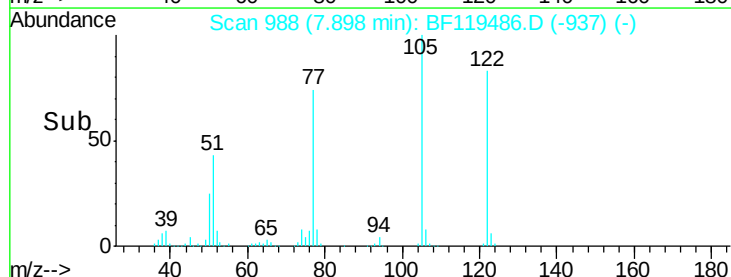
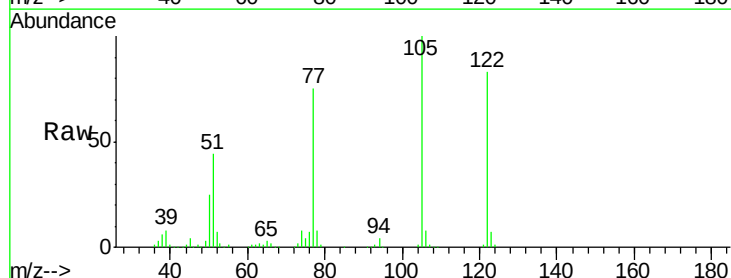
Tgt Ion:122 Resp: 566113

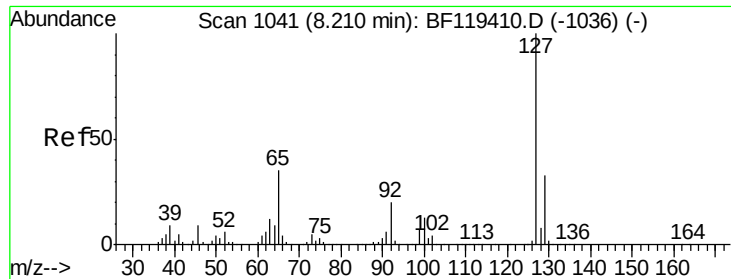
Ion Ratio Lower Upper

122 100

105 120.0 102.9 142.9

77 89.9 70.1 110.1





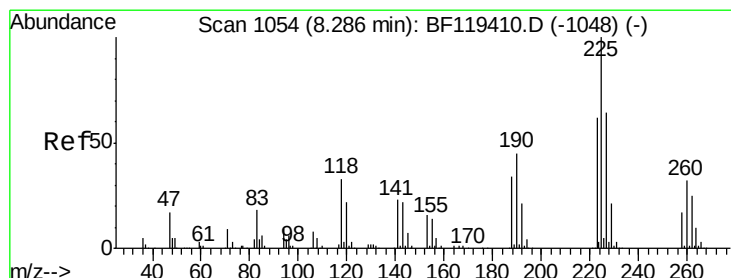
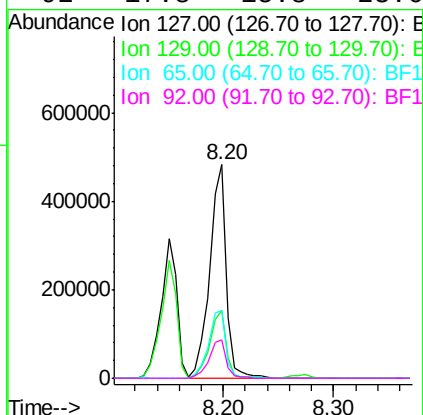
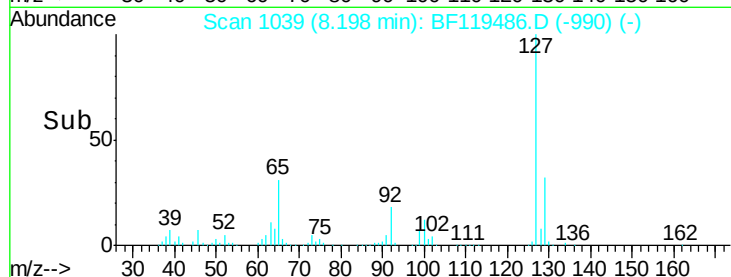
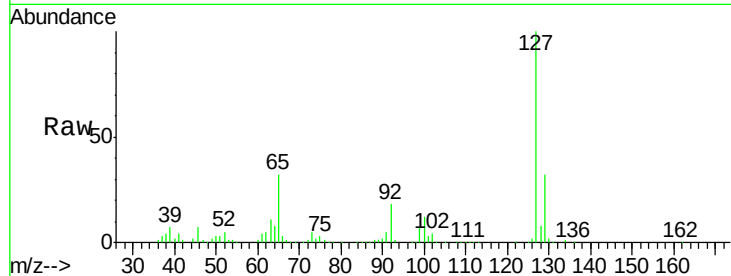
#33
4-Chloroaniline
Concen: 17.655 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		488733		
129	32.0	26.2	39.4		
65	31.7	27.7	41.5		
92	17.8	15.8	23.6		

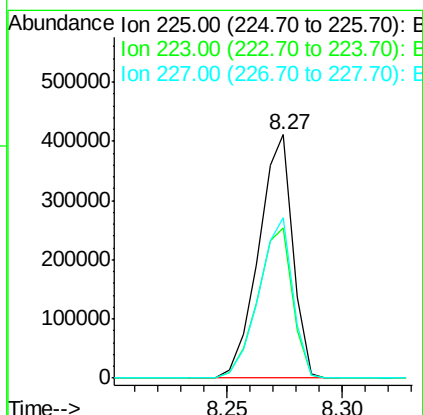
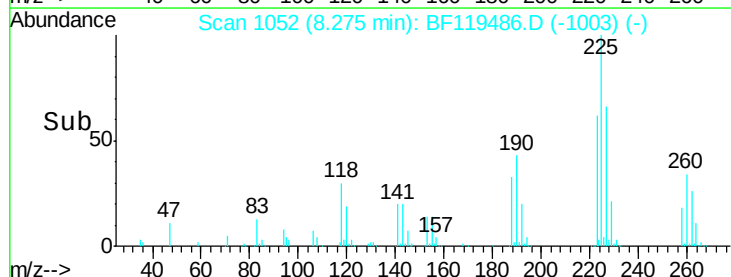
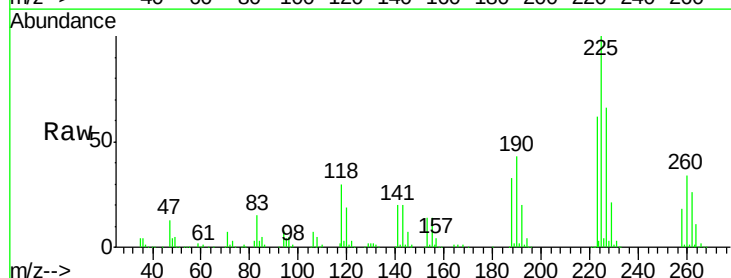
Manual Integrations
APPROVED

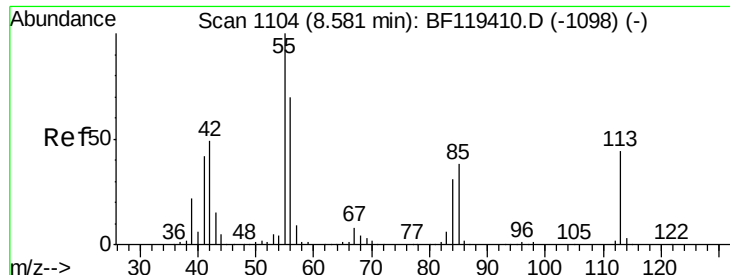
mohammad
3/25/2020 12:29:25 PM



#34
Hexachlorobutadiene
Concen: 39.466 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		421713		
223	61.9	49.2	73.8		
227	66.1	51.1	76.7		





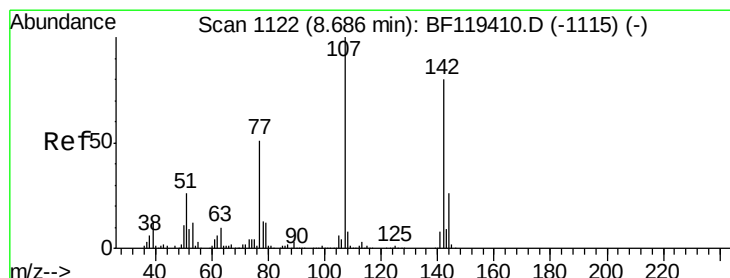
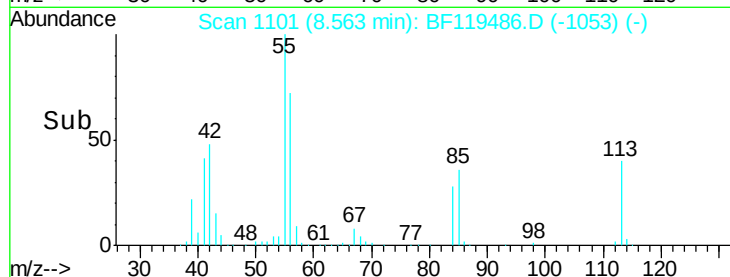
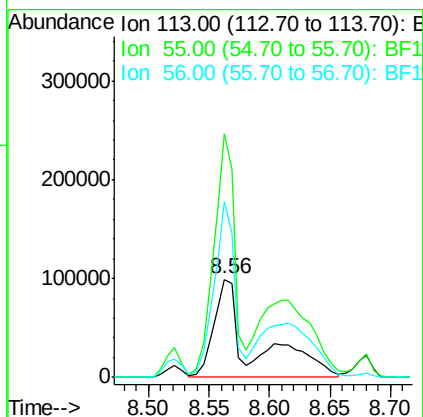
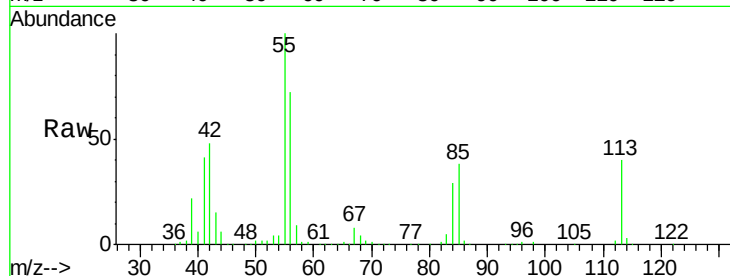
#35
Caprolactam
Concen: 39.365 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:113 Resp: 222482
Ion Ratio Lower Upper
113 100
55 249.0 208.4 248.4#
56 179.9 138.9 178.9#

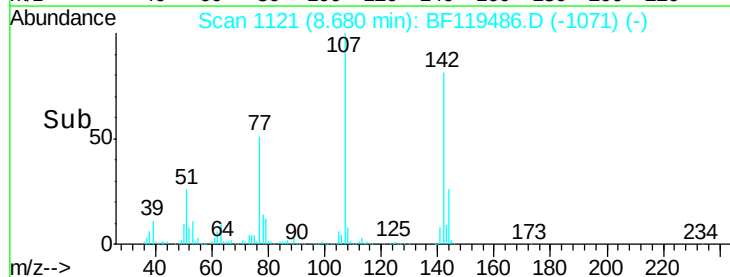
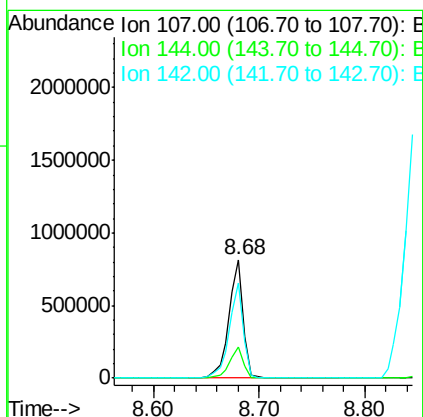
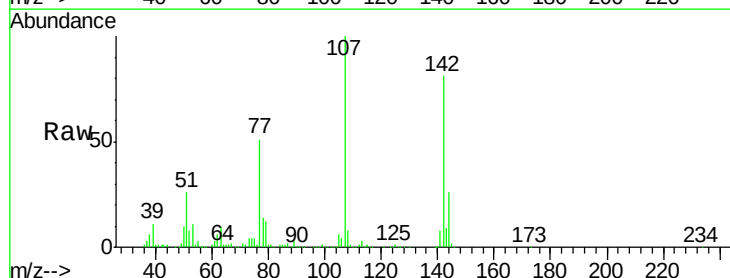
Manual Integrations
APPROVED

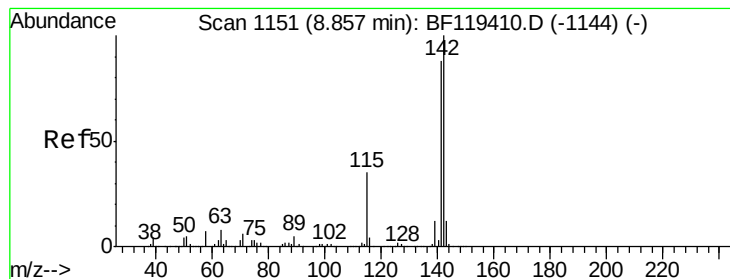
mohammad
3/25/2020 12:29:25 PM



#36
4-Chloro-3-methylphenol
Concen: 39.936 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion:107 Resp: 753762
Ion Ratio Lower Upper
107 100
144 26.3 20.6 31.0
142 80.5 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.195 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:142 Resp: 1633325

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

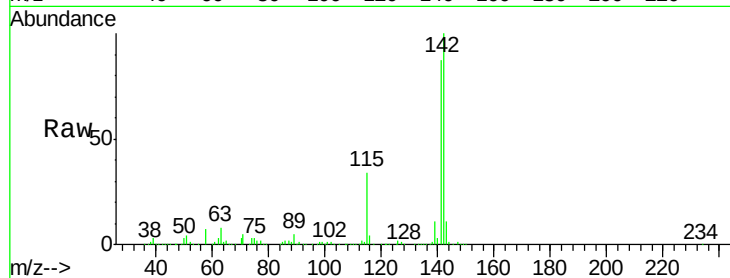
115 33.7 27.8 41.6

Manual Integrations

APPROVED

mohammad

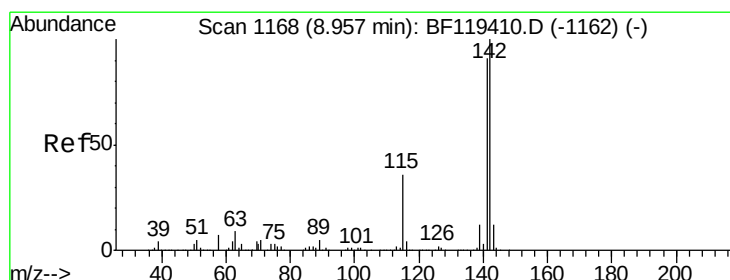
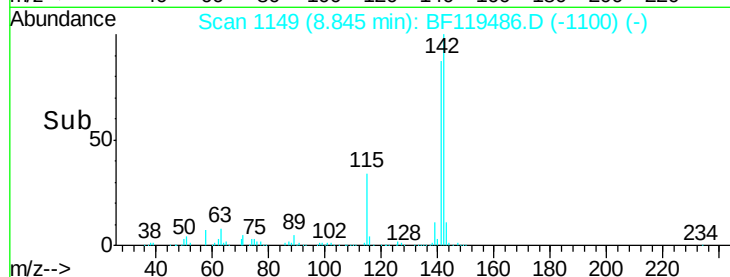
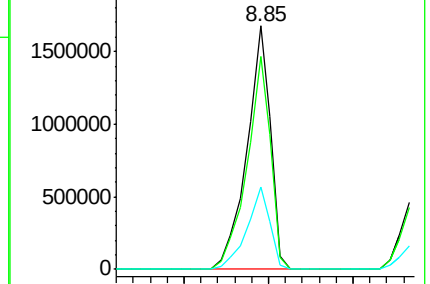
3/25/2020 12:29:25 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.626 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

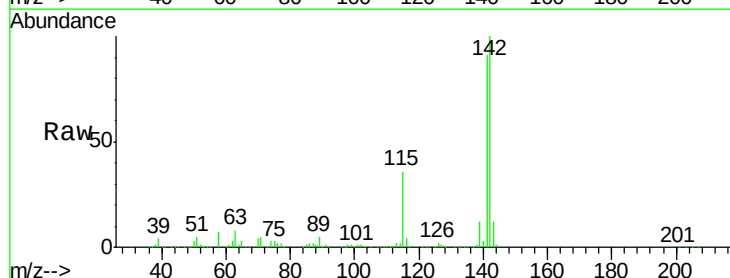
Tgt Ion:142 Resp: 1524611

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7

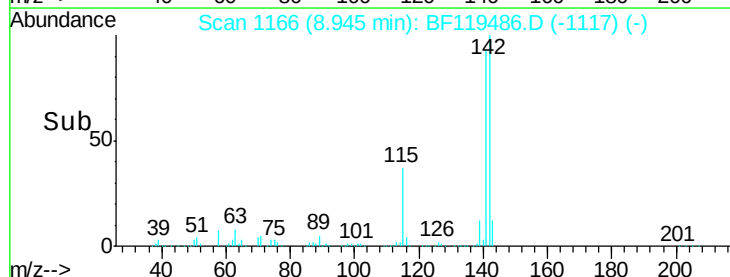
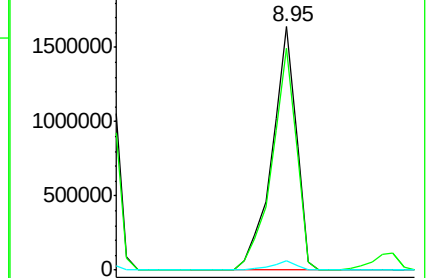
116 3.8 3.0 4.6

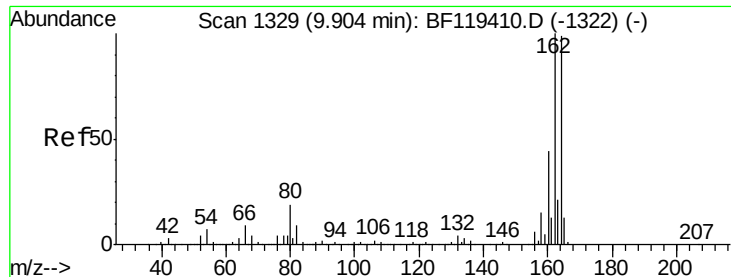


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





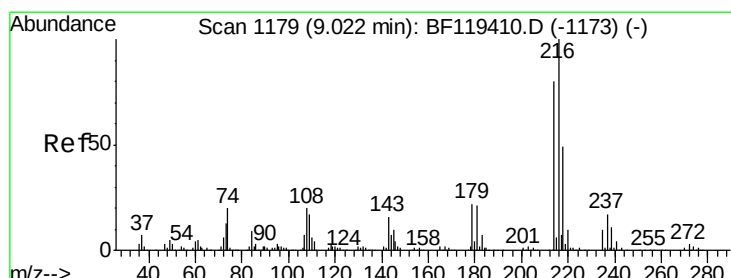
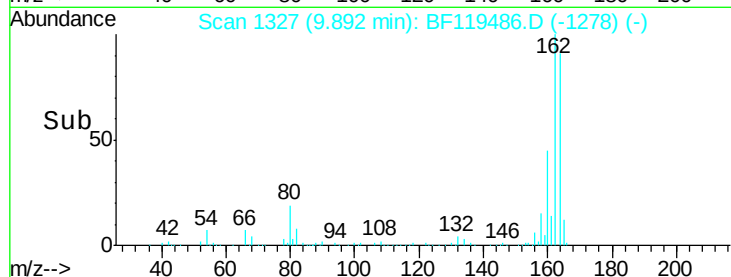
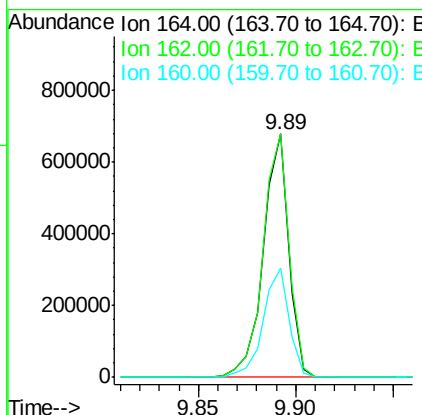
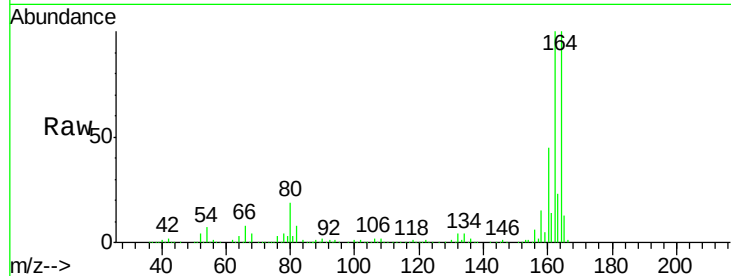
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	612241		
162	99.8	80.7	121.1	
160	44.8	35.5	53.3	

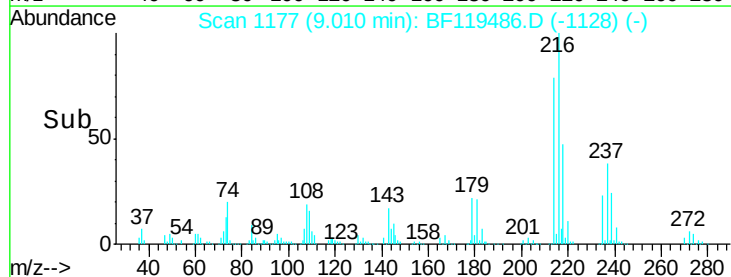
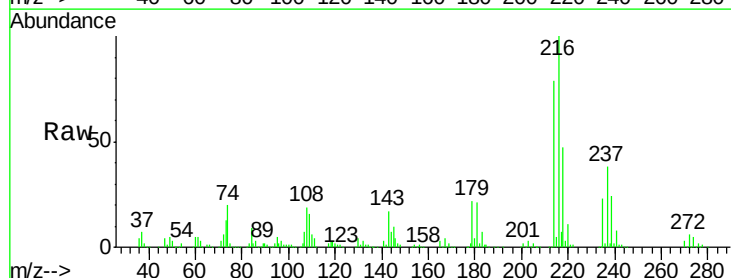
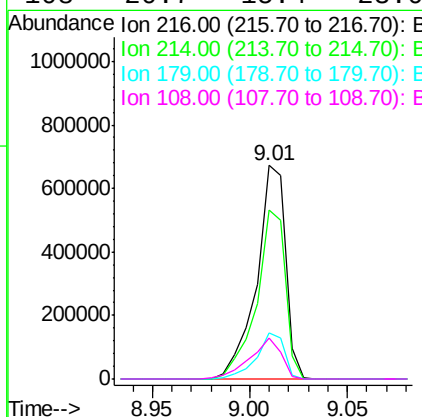
Manual Integrations
APPROVED

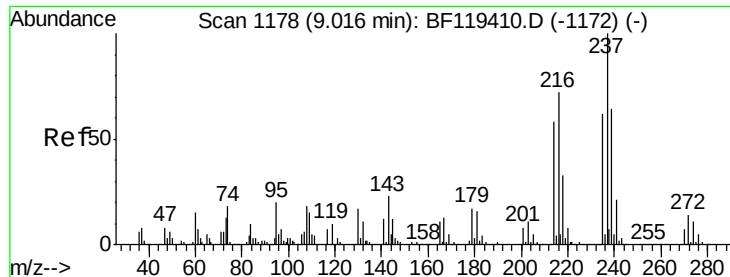
mohammad
3/25/2020 12:29:25 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.696 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	694410		
214	78.7	63.0	94.6	
179	21.0	17.0	25.4	
108	20.7	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 87.440 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

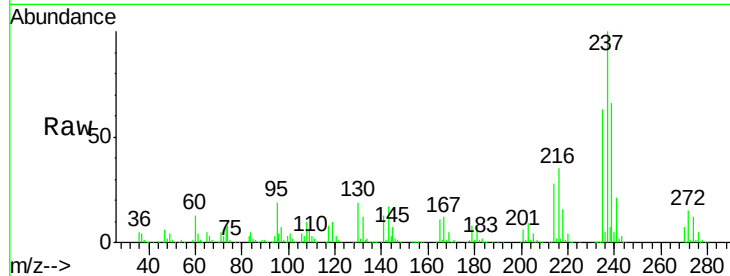
ClientSampleId :

PB127731BSD

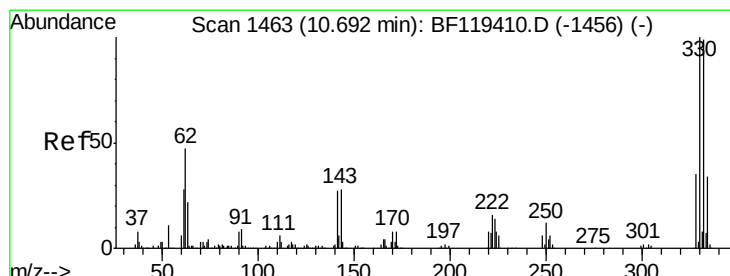
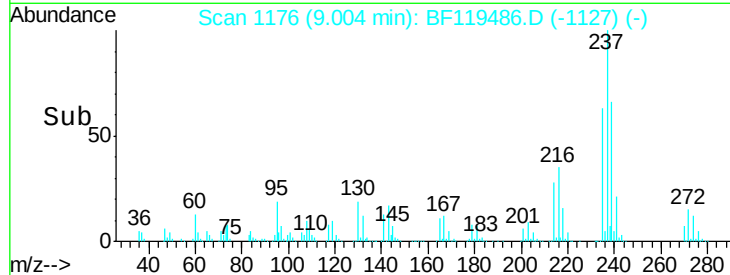
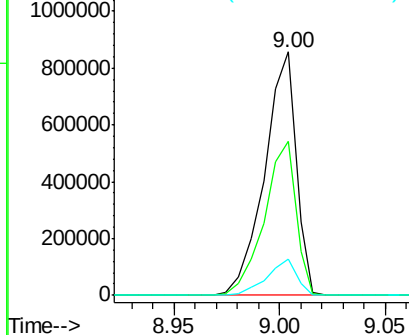
Tot Ion:	237	Resp:	892068
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.5	82.5
272	14.7	0.0	34.3

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM



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



#42

2,4,6-Tribromophenol

Concen: 122.765 ng

RT: 10.68 min Scan# 1461

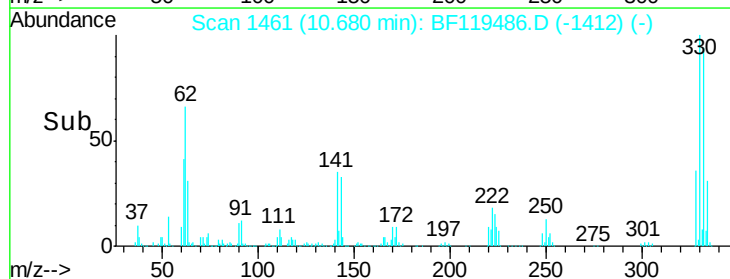
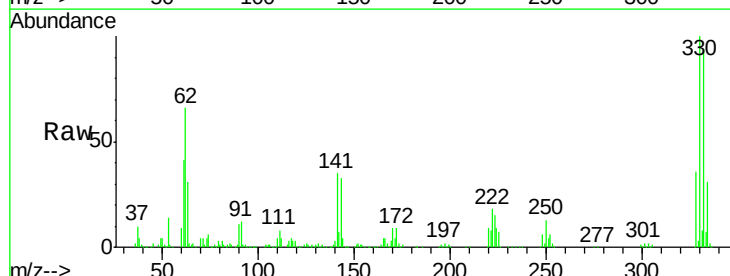
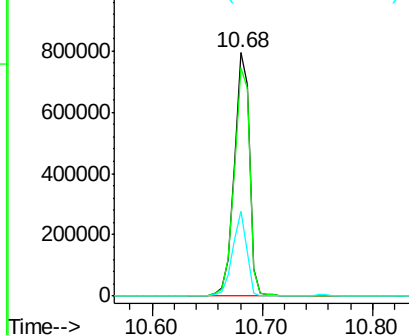
Delta R.T. -0.01 min

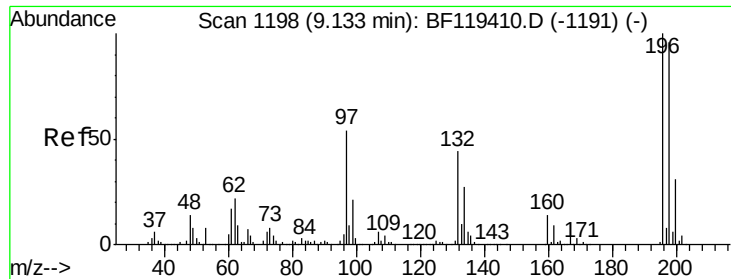
Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Tgt Ion:	330	Resp:	775415
Ion Ratio		Lower	Upper
330	100		
332	96.0	77.6	116.4
141	32.4	26.6	40.0

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





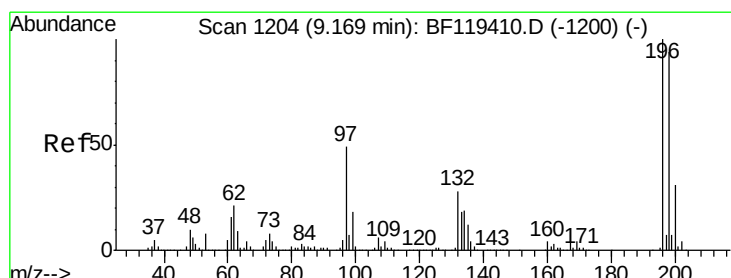
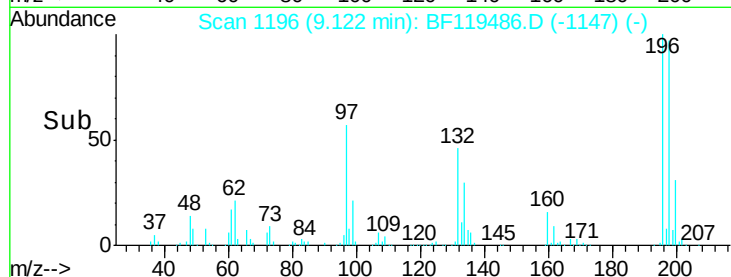
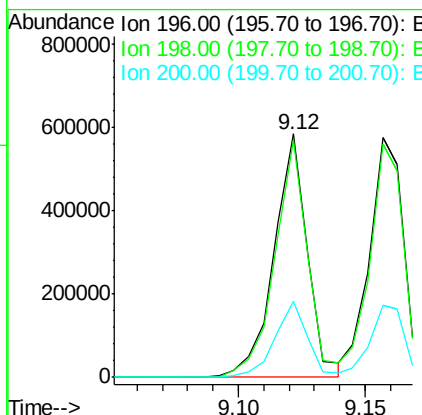
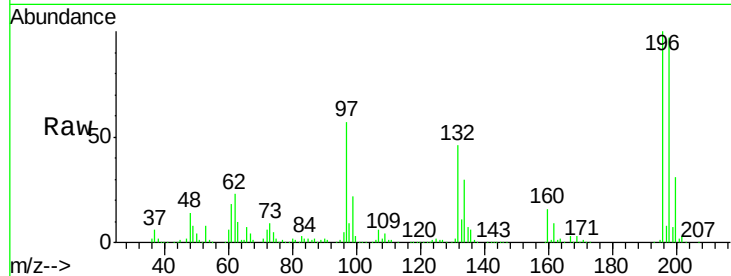
#43
 2,4,6-Trichlorophenol
 Concen: 41.245 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	529674		
198	97.3	77.0	115.4	
200	31.2	25.1	37.7	

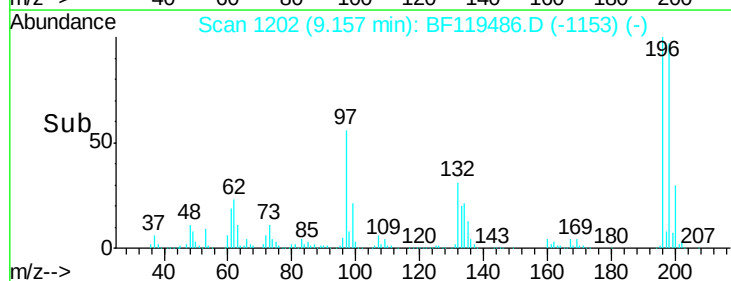
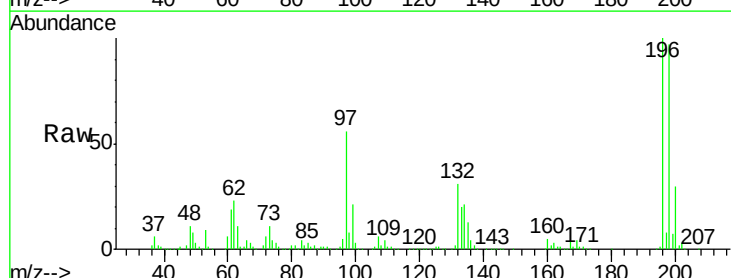
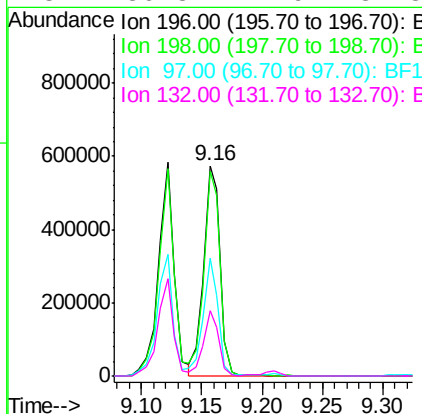
Manual Integrations
 APPROVED

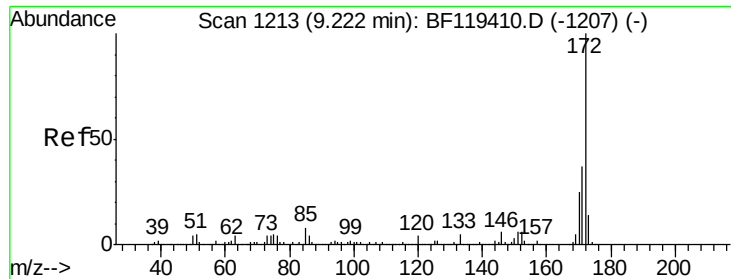
mohammad
 3/25/2020 12:29:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.648 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	541603		
198	97.3	75.3	112.9	
97	55.9	39.0	58.4	
132	30.8	22.9	34.3	





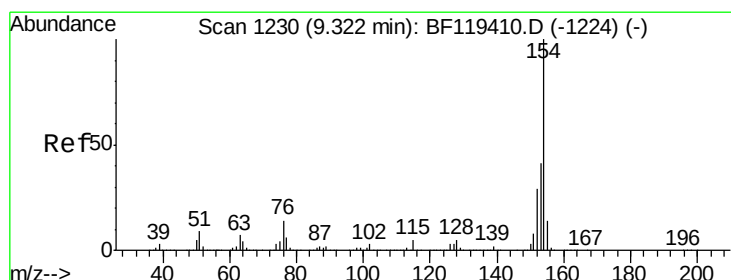
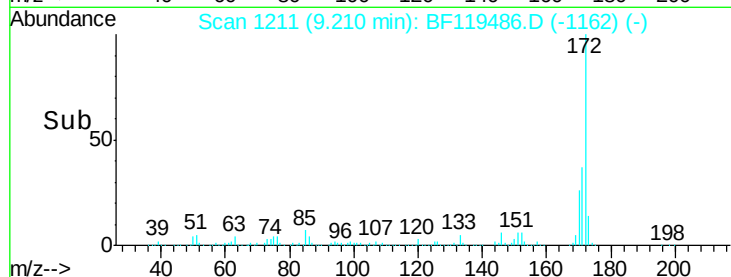
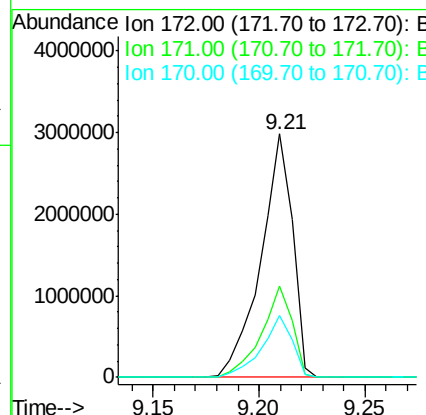
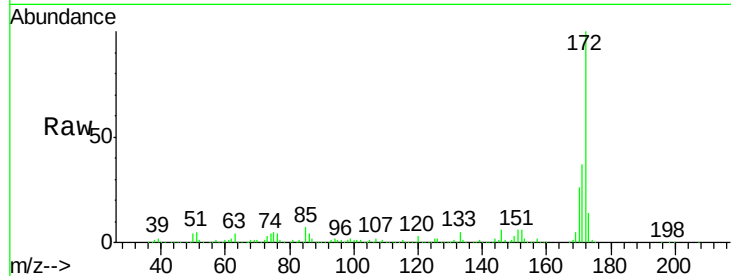
#45
2-Fluorobiphenyl
Concen: 75.448 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	25.5	20.1	30.1

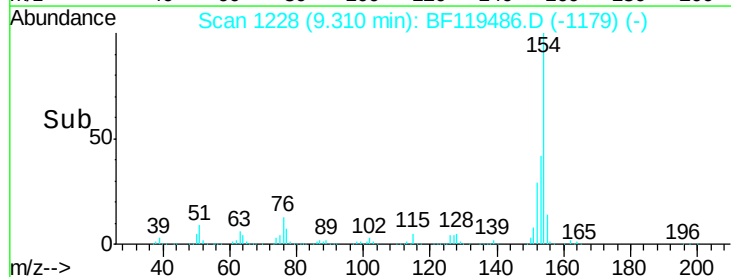
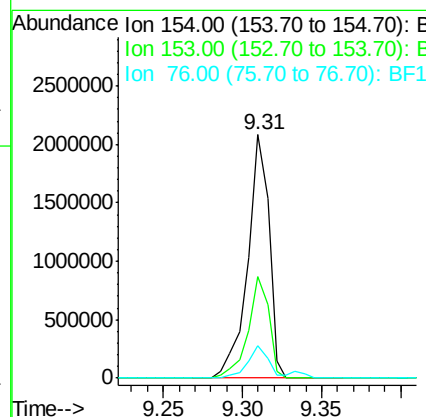
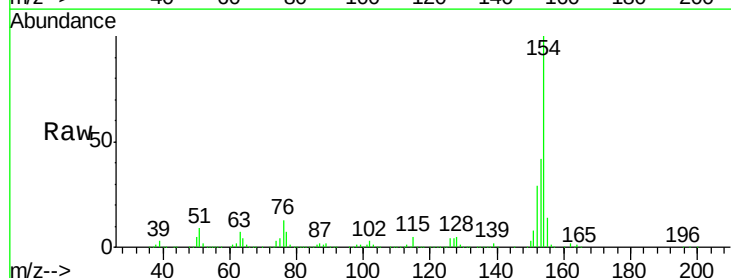
Manual Integrations
APPROVED

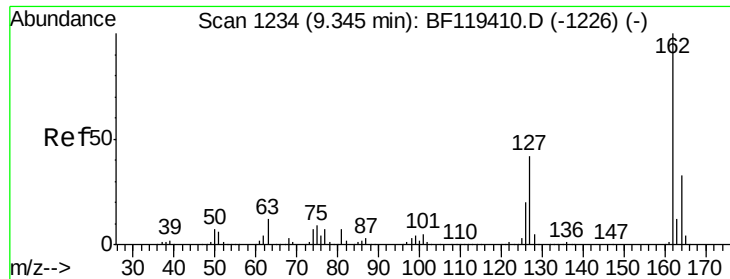
mohammad
3/25/2020 12:29:25 PM



#46
1,1'-Biphenyl
Concen: 38.743 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	13.1	0.0	33.6





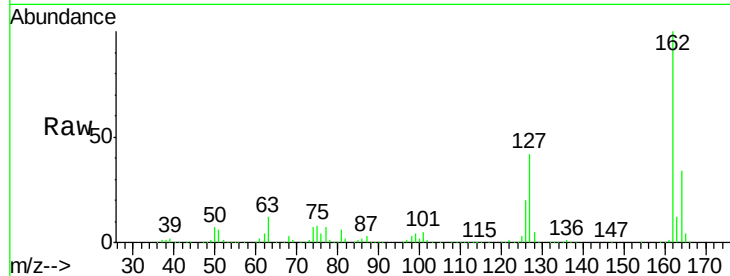
#47
 2-Chloronaphthalene
 Concen: 38.735 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

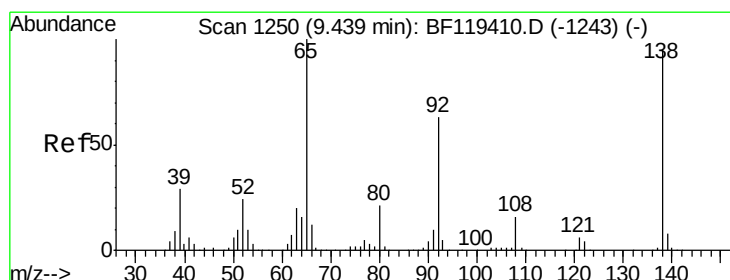
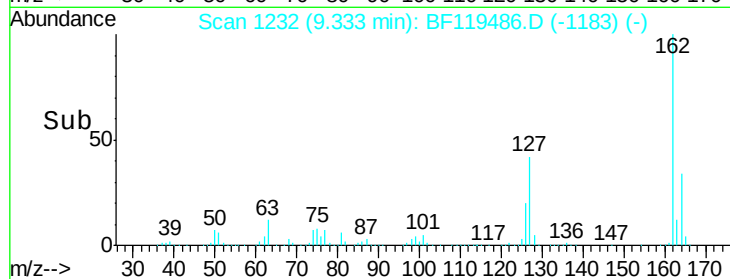
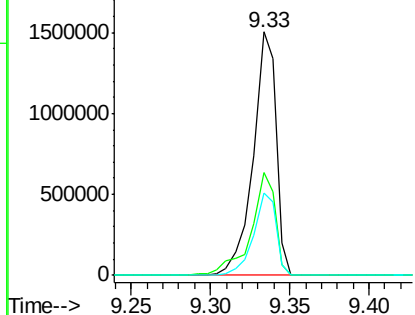
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.7	50.5
164	33.7	26.2	39.4

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:25 PM



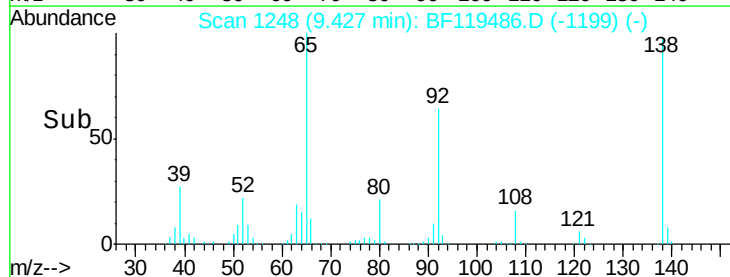
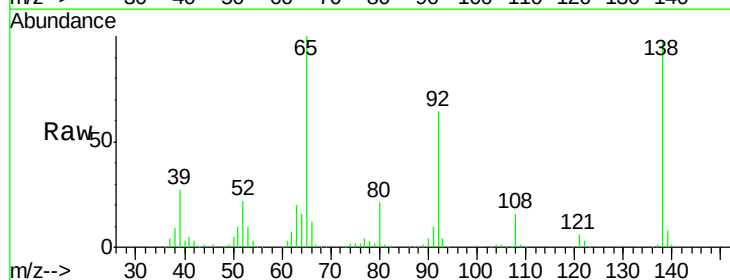
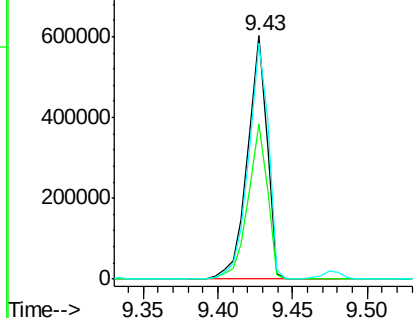
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

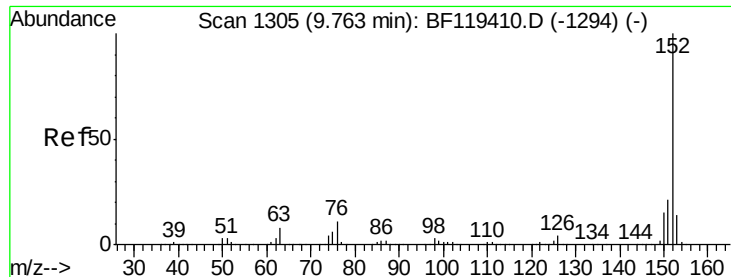


#48
 2-Nitroaniline
 Concen: 40.288 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	50.5	75.7
138	97.0	75.8	113.8

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





#49

Acenaphthylene

Concen: 38.970 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:152 Resp: 2390284

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

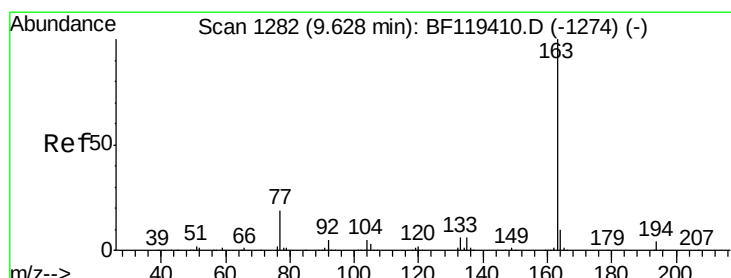
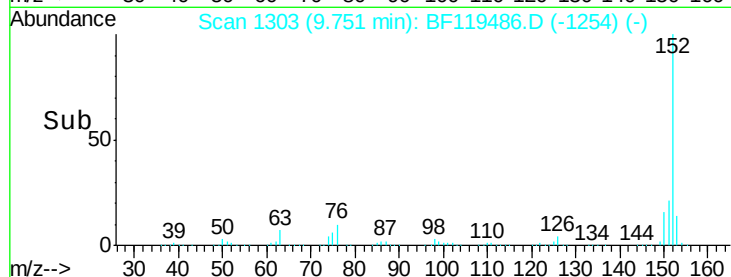
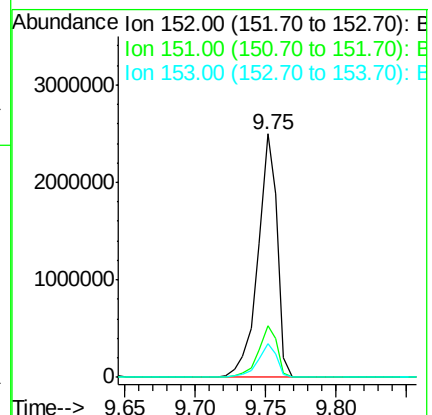
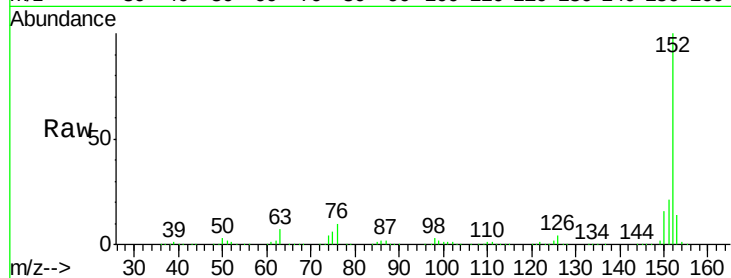
153 14.1 11.2 16.8

Manual Integrations

APPROVED

mohammad

3/25/2020 12:29:25 PM



#50

Dimethylphthalate

Concen: 40.726 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

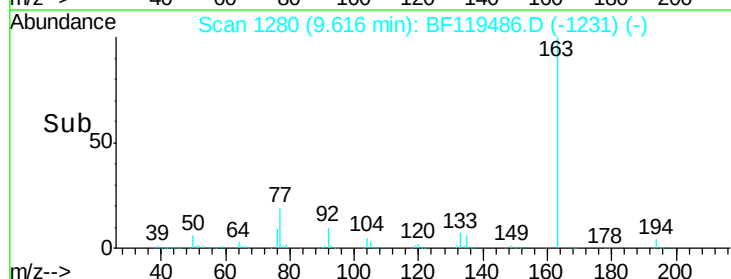
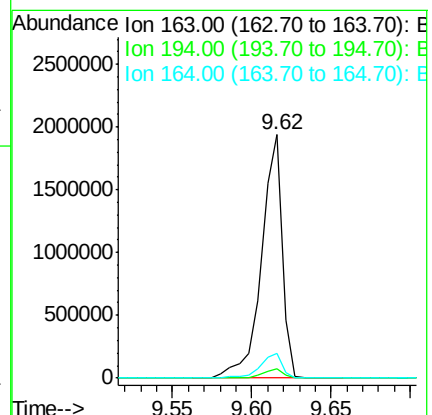
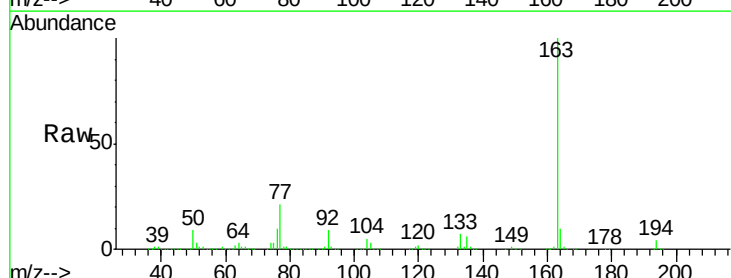
Tgt Ion:163 Resp: 1771100

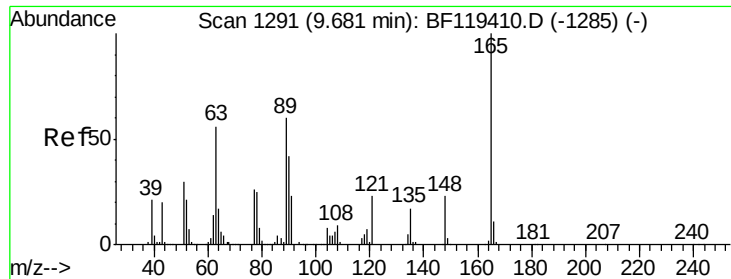
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 42.784 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:165 Resp: 398806
Ion Ratio Lower Upper

165 100

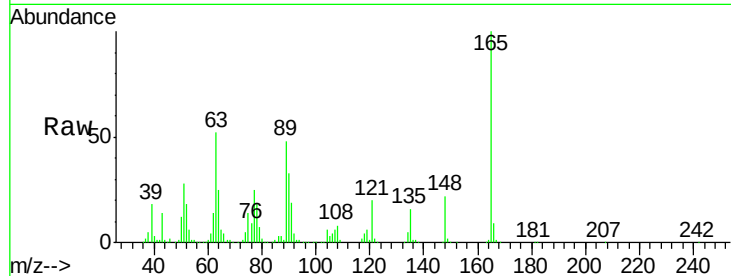
63 52.2 57.3 85.9#

89 48.3 47.8 71.8

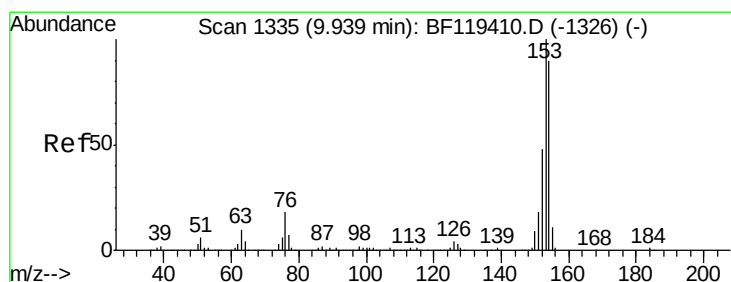
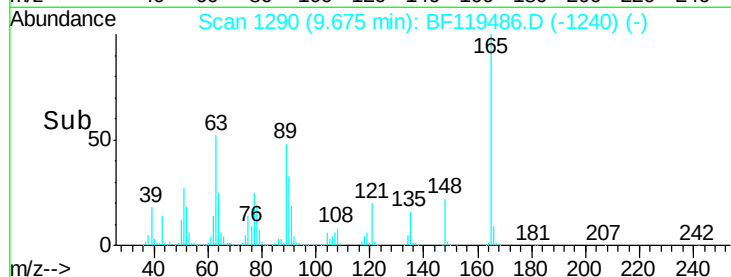
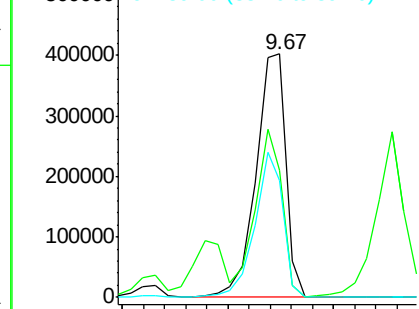
Manual Integrations
APPROVED

mohammad

3/25/2020 12:29:25 PM



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



#52

Acenaphthene

Concen: 43.416 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119486.D

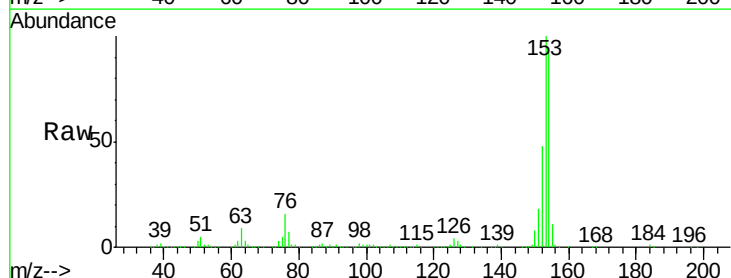
Acq: 24 Mar 2020 13:24

Tgt Ion:154 Resp: 1660149
Ion Ratio Lower Upper

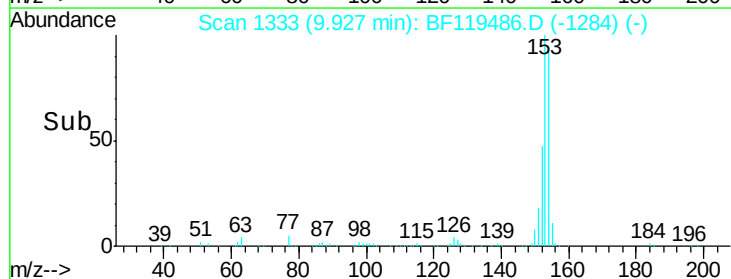
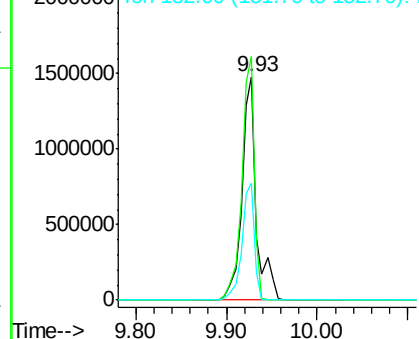
154 100

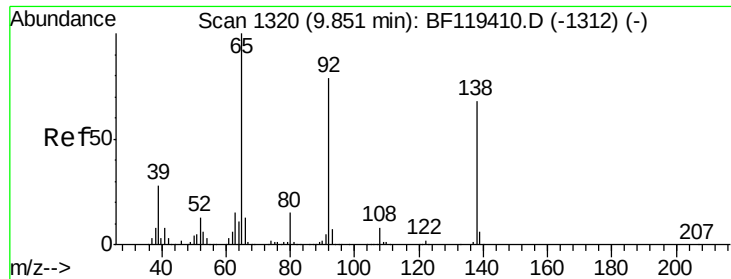
153 108.9 89.0 133.6

152 52.4 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





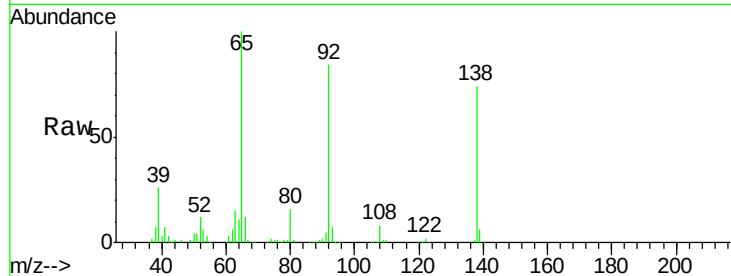
#53
3-Nitroaniline
Concen: 22.776 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

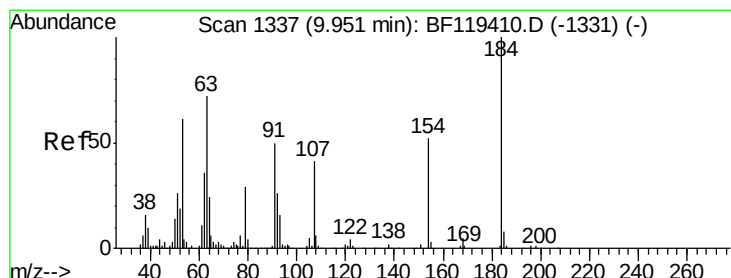
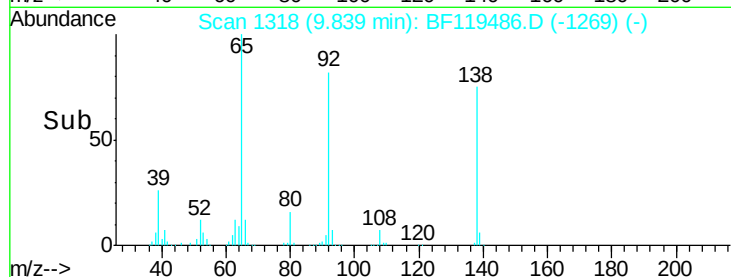
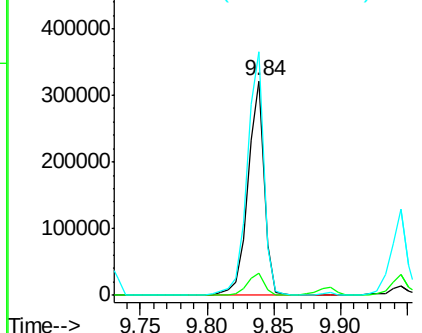
Tot Ion	Ratio	Resp	Lower	Upper
138	100	268029		
108	10.2		9.0	13.6
92	113.6		93.2	139.8

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM

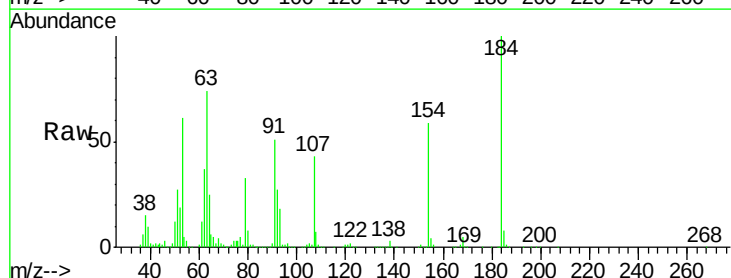


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

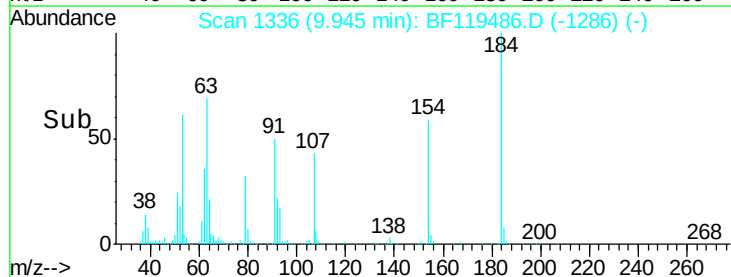
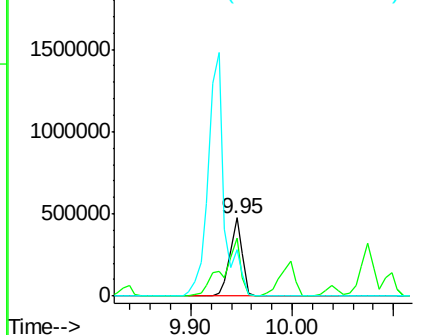


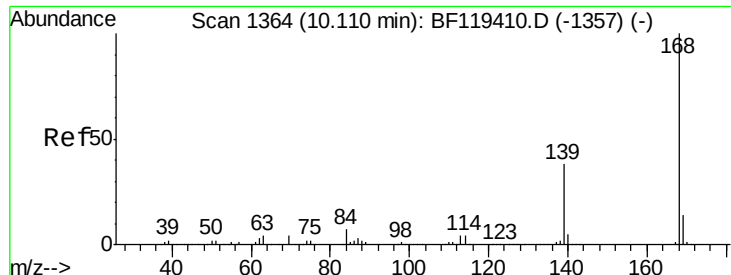
#54
2,4-Dinitrophenol
Concen: 100.106 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	411875		
63	74.2		58.5	87.7
154	59.1		51.8	77.6



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





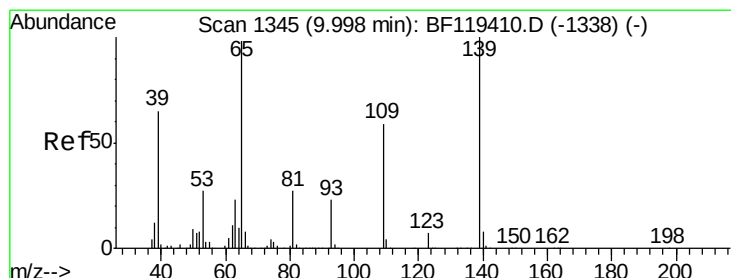
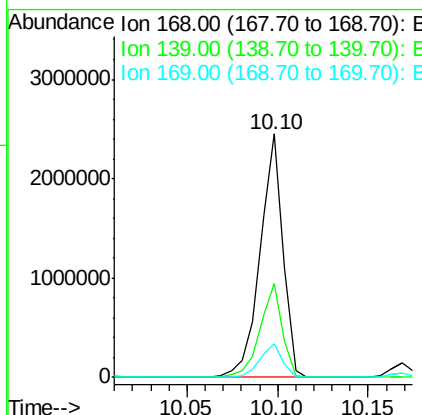
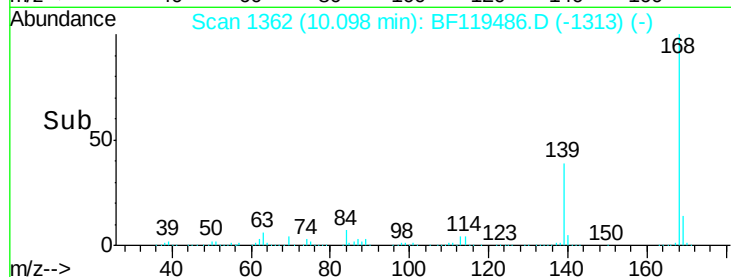
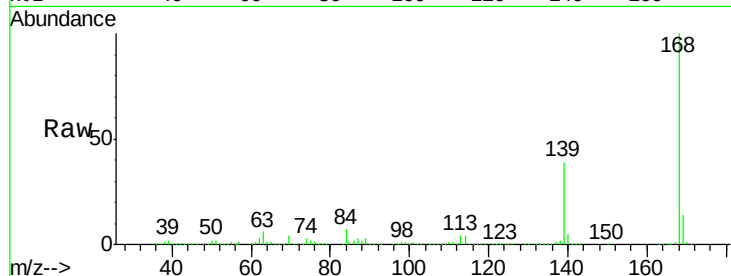
#55
Dibenzofuran
Concen: 39.090 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:168 Resp: 2143080
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.4
169 13.9 11.1 16.7

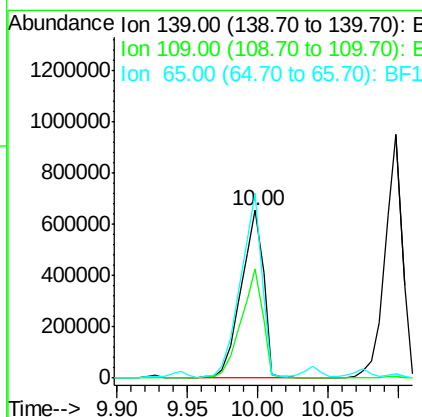
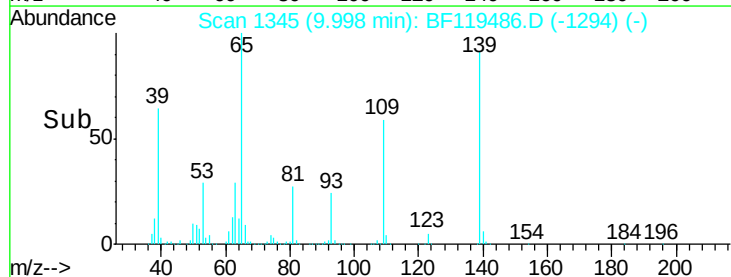
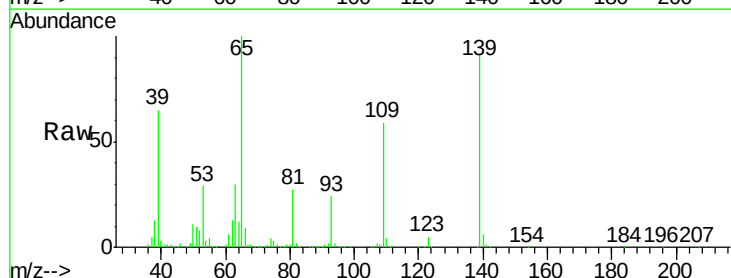
Manual Integrations
APPROVED

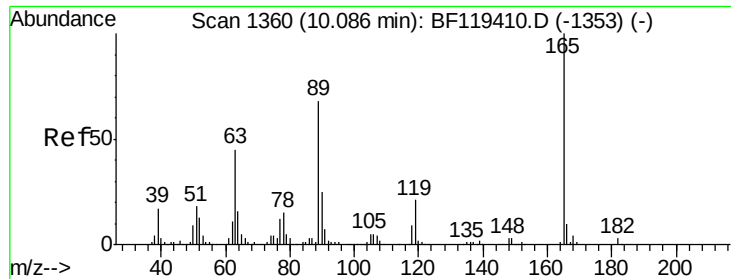
mohammad
3/25/2020 12:29:25 PM



#56
4-Nitrophenol
Concen: 78.079 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion:139 Resp: 724842
Ion Ratio Lower Upper
139 100
109 65.0 39.6 79.6
65 109.9 78.3 118.3





#57

2,4-Dinitrotoluene

Concen: 45.202 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

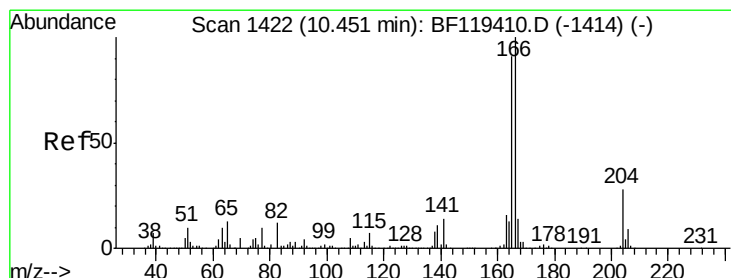
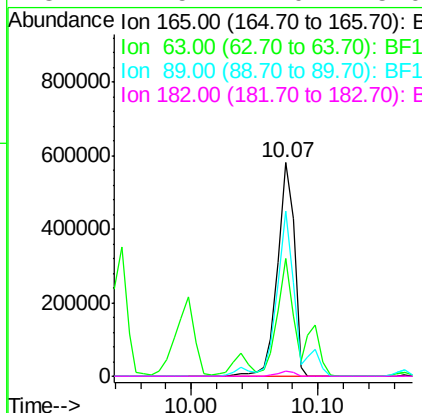
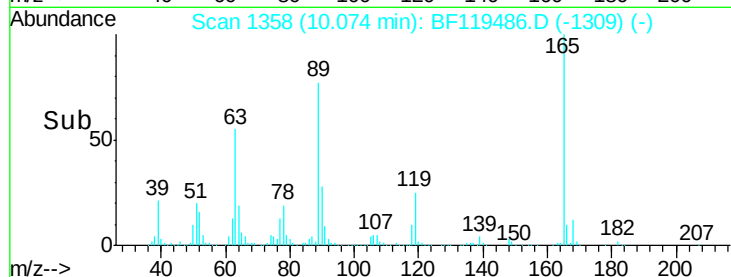
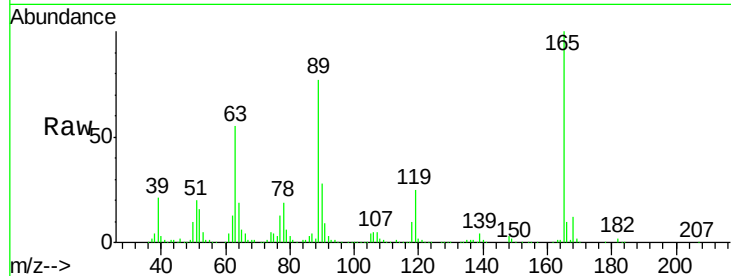
ClientSampleId :

PB127731BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		530777		
63	55.0	36.2		54.4#	
89	77.1	54.3		81.5	
182	2.5	2.0		3.0	

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM



#58

Fluorene

Concen: 40.501 ng

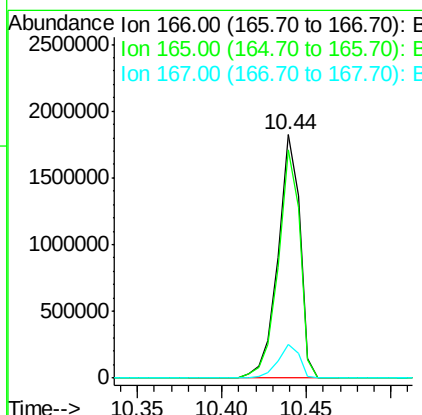
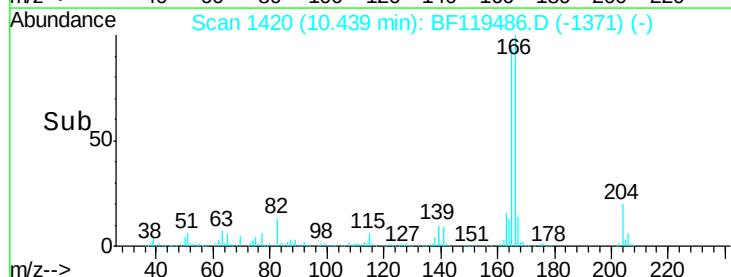
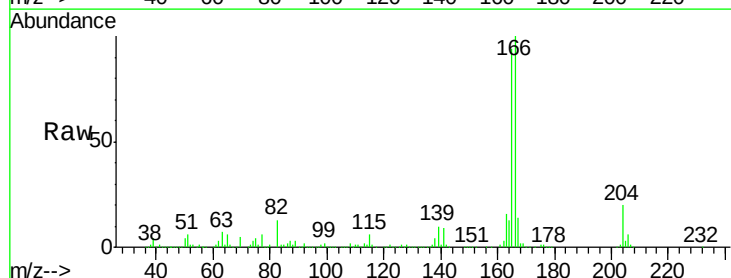
RT: 10.44 min Scan# 1420

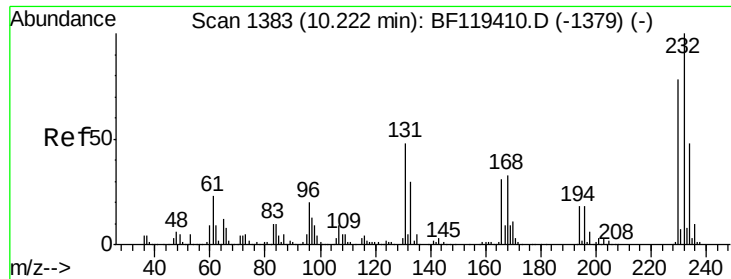
Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1641956		
165	93.7	73.1		109.7	
167	13.9	11.0		16.6	





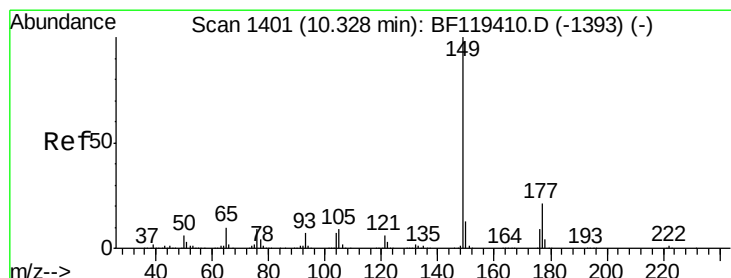
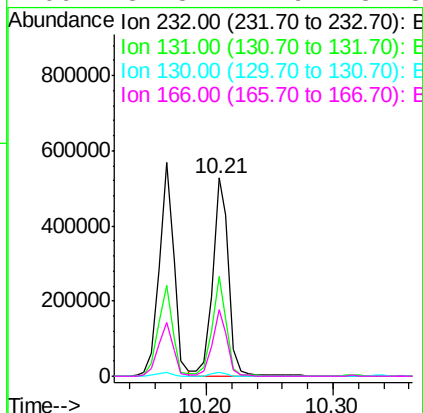
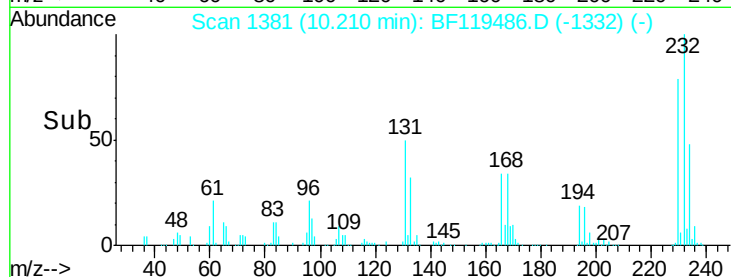
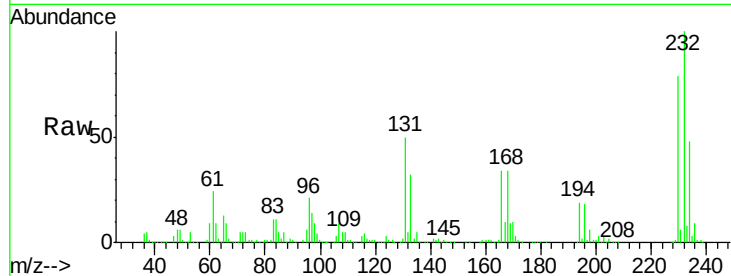
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.427 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.3	54.5
130	2.2	1.8	2.6
166	31.8	24.9	37.3

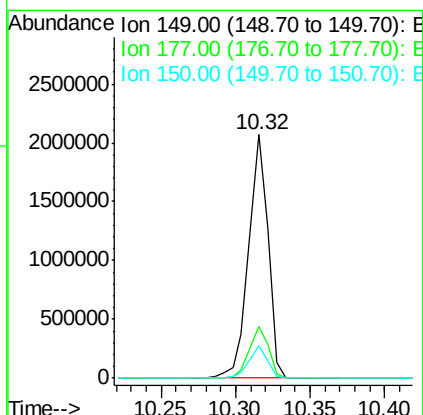
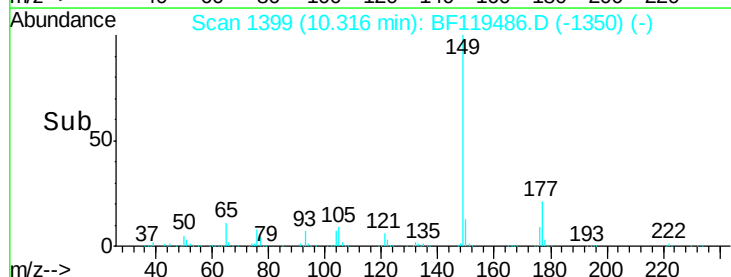
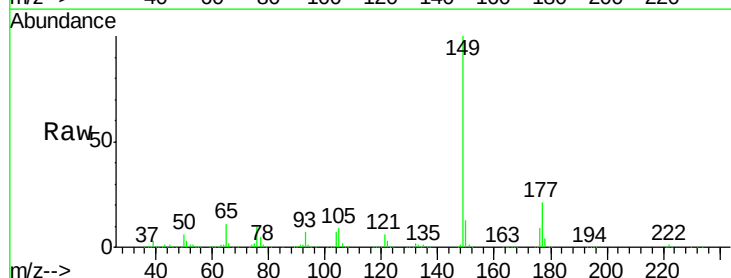
Manual Integrations
APPROVED

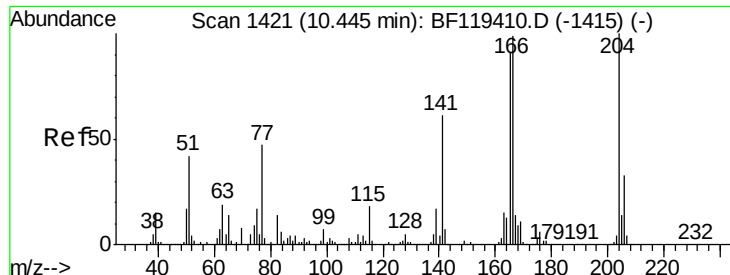
mohammad
3/25/2020 12:29:25 PM



#60
Diethylphthalate
Concen: 42.006 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.6
150	13.2	10.2	15.4





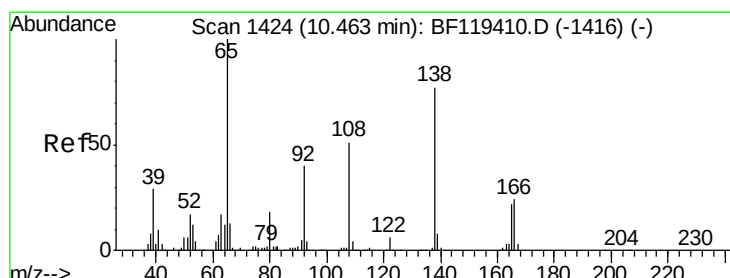
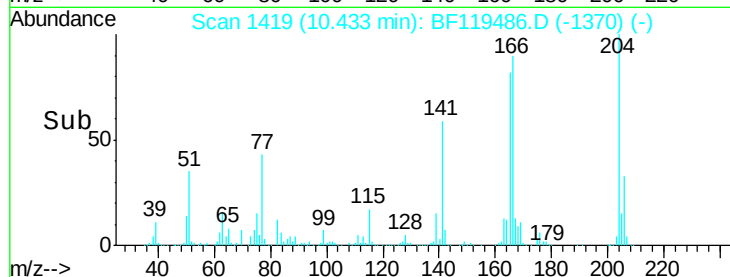
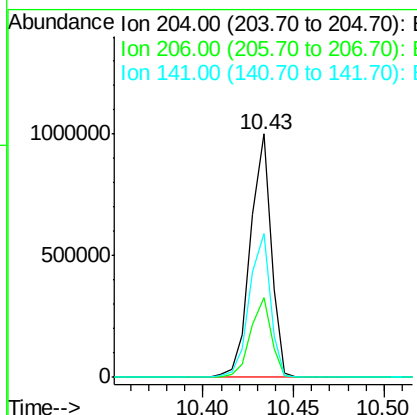
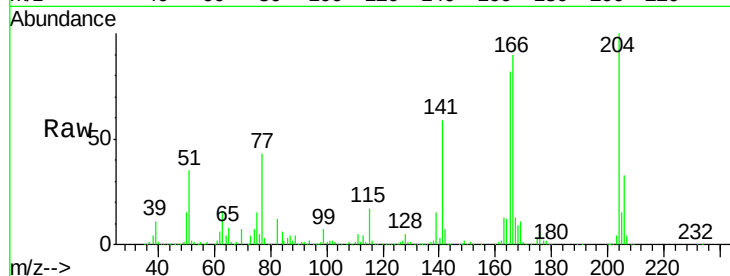
#61
 4-Chlorophenyl-phenylether
 Concen: 40.487 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	59.3	48.8	73.2

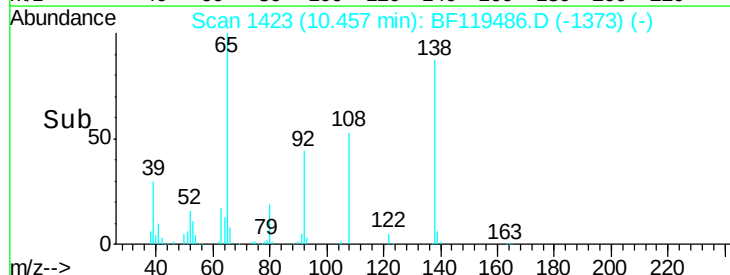
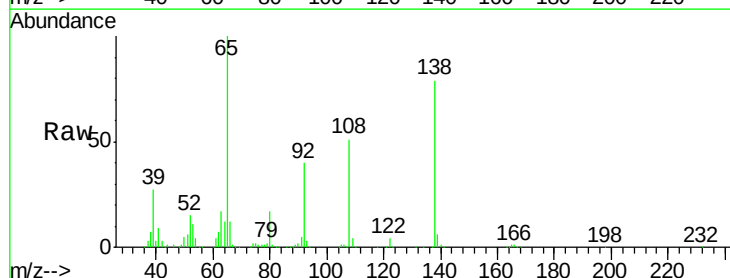
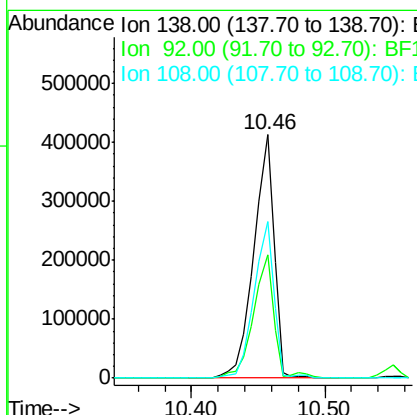
Manual Integrations
 APPROVED

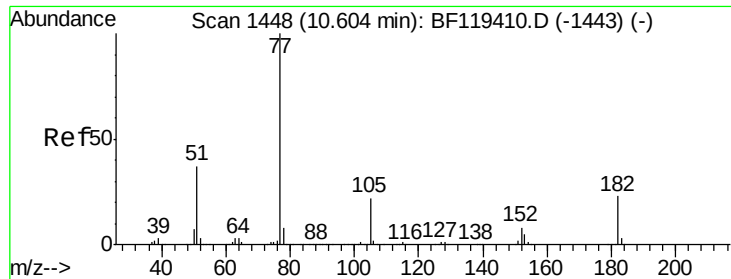
mohammad
 3/25/2020 12:29:25 PM



#62
 4-Nitroaniline
 Concen: 38.132 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	32.0	72.0
108	64.4	46.0	86.0





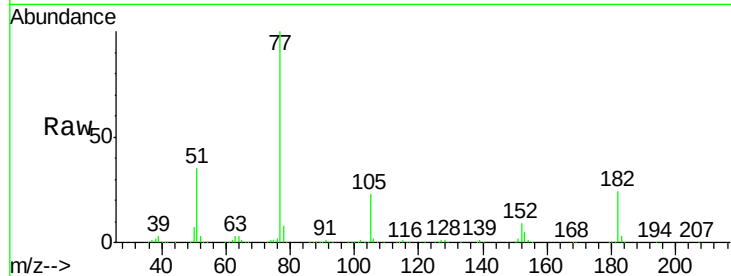
#63
Azobenzene
Concen: 40.423 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

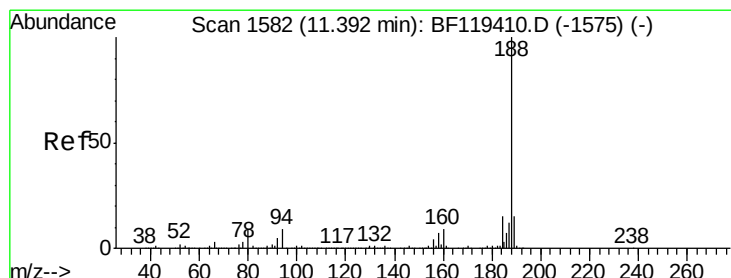
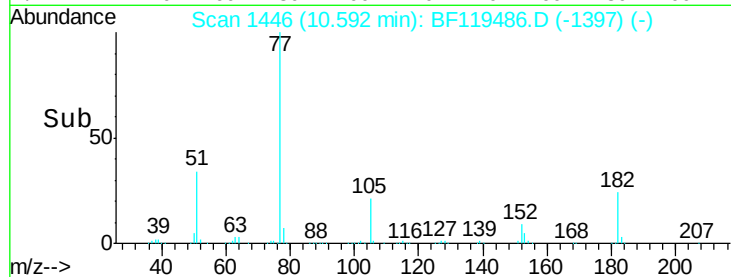
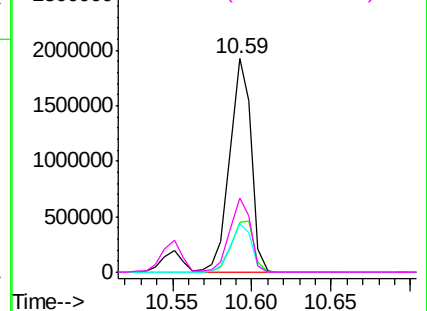
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	2.5	42.5
105	22.5	2.5	42.5
51	34.8	17.1	57.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM



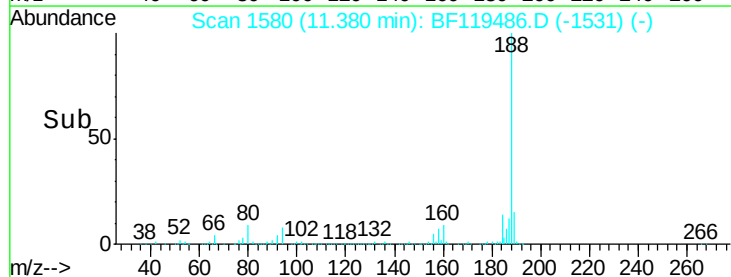
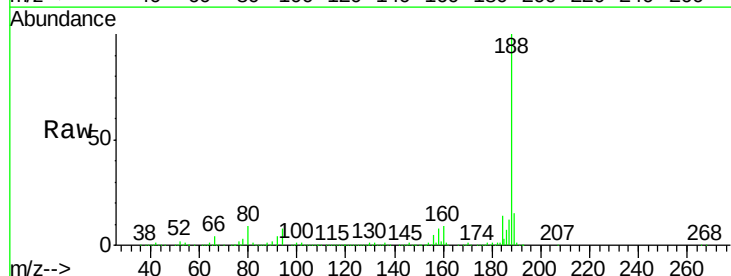
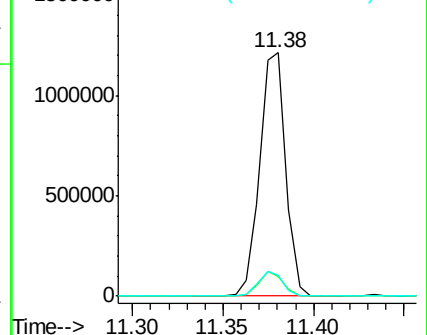
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

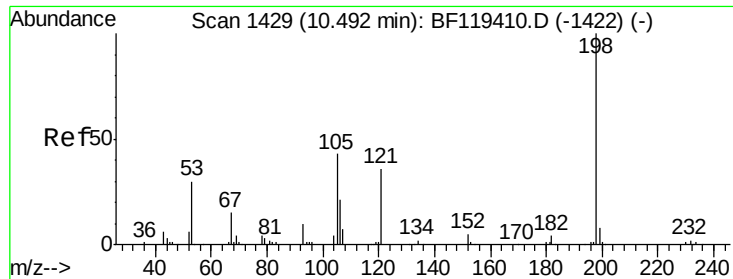


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.8	7.5	11.3

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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.189 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:198 Resp: 274300

Ion Ratio Lower Upper

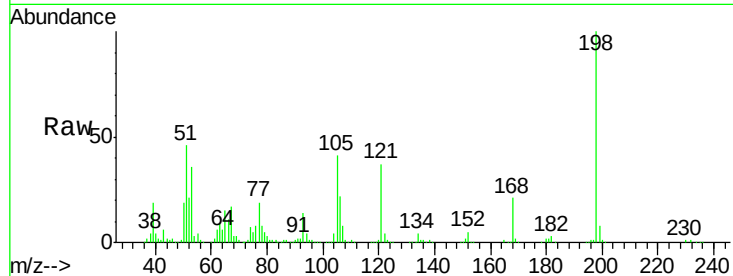
198 100

51 46.0 33.1 73.1

105 40.7 24.1 64.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

800000

600000

400000

200000

0

10.40

10.49

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

11.15

11.20

11.25

11.30

11.35

11.40

11.45

11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

11.90

11.95

12.00

12.05

12.10

12.15

12.20

12.25

12.30

12.35

12.40

12.45

12.50

12.55

12.60

12.65

12.70

12.75

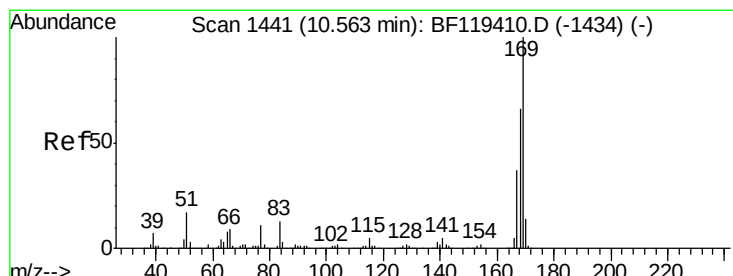
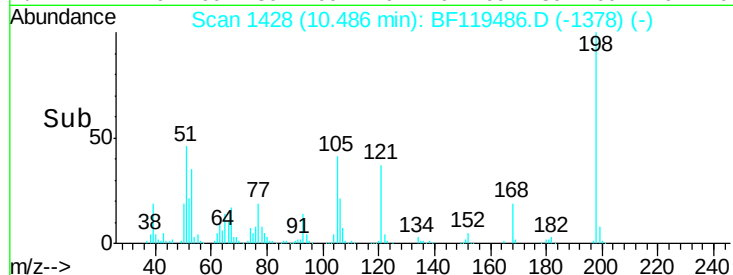
12.80

12.85

12.90

12.95

13.00



#66

n-Nitrosodiphenylamine

Concen: 38.771 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

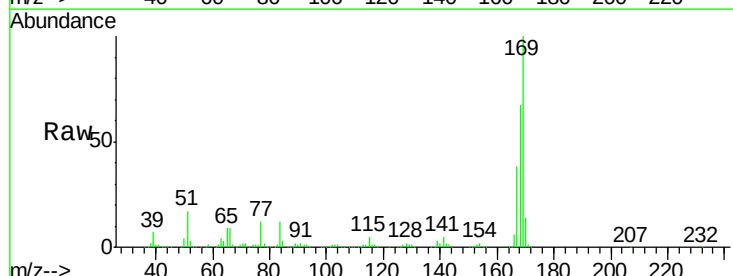
Tgt Ion:169 Resp: 1536473

Ion Ratio Lower Upper

169 100

168 67.4 52.7 79.1

167 37.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

2000000

1500000

1000000

500000

0

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

11.15

11.20

11.25

11.30

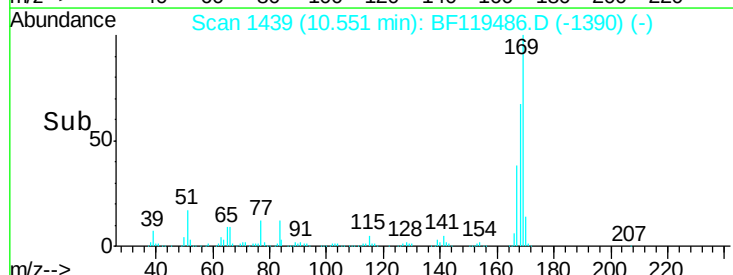
11.35

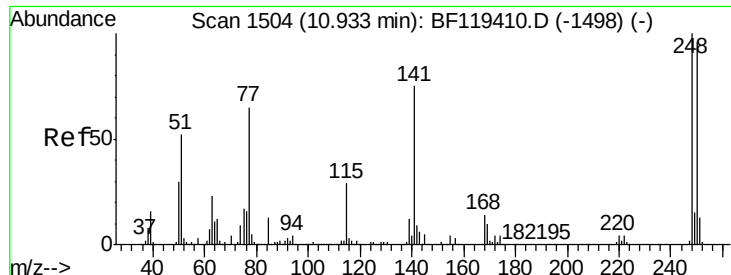
11.40

11.45

11.50

11.55





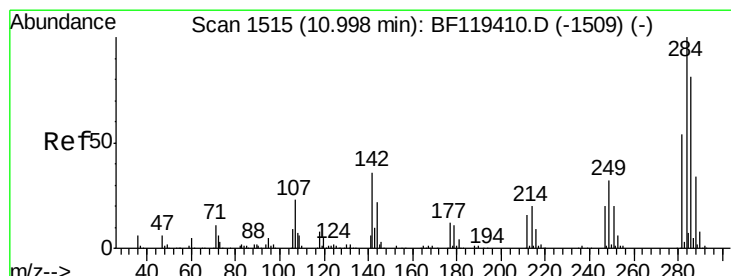
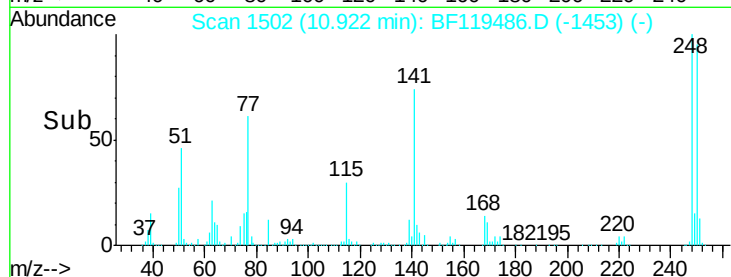
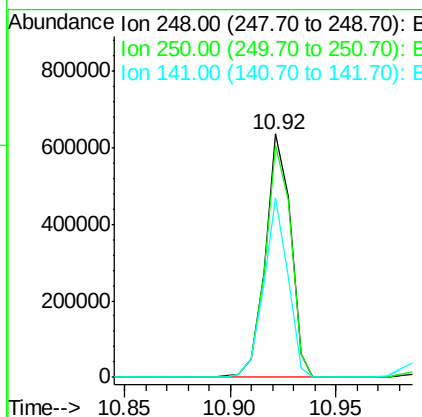
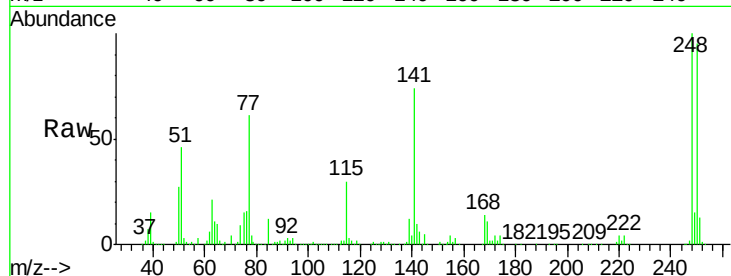
#67
 4-Bromophenyl-phenylether
 Concen: 38.656 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion:	248	Resp:	531446
Ion Ratio	Lower	Upper	
248	100		
250	95.4	77.0	115.6
141	73.6	59.7	89.5

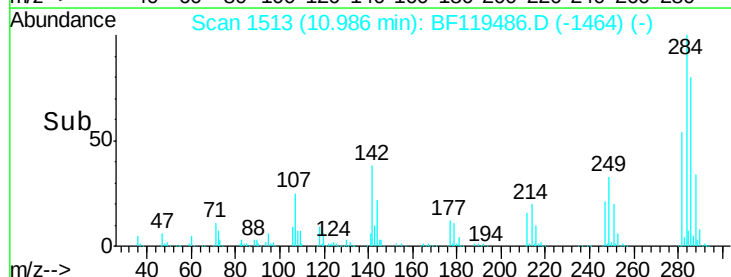
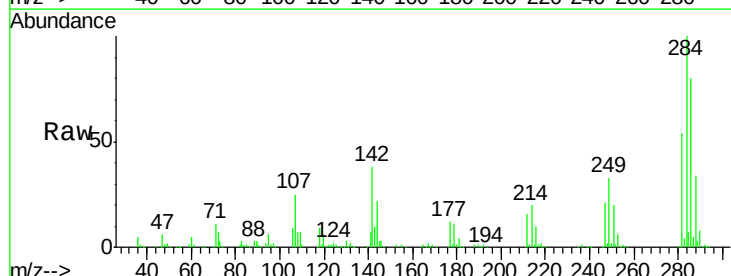
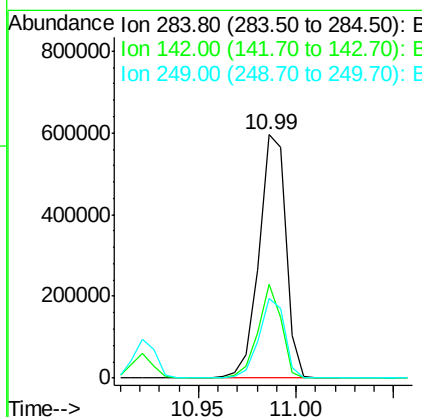
Manual Integrations
 APPROVED

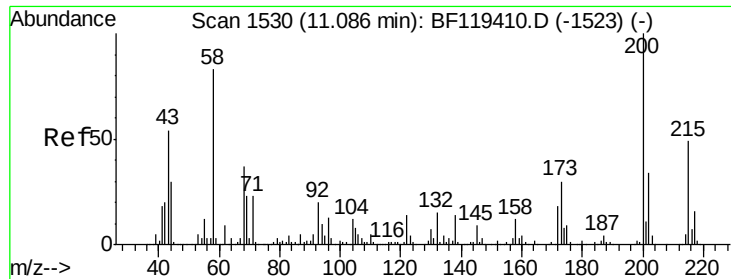
mohammad
 3/25/2020 12:29:25 PM



#68
 Hexachlorobenzene
 Concen: 40.341 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion:	284	Resp:	567628
Ion Ratio	Lower	Upper	
284	100		
142	38.4	28.7	43.1
249	32.6	25.4	38.0





#69

Atrazine

Concen: 44.176 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

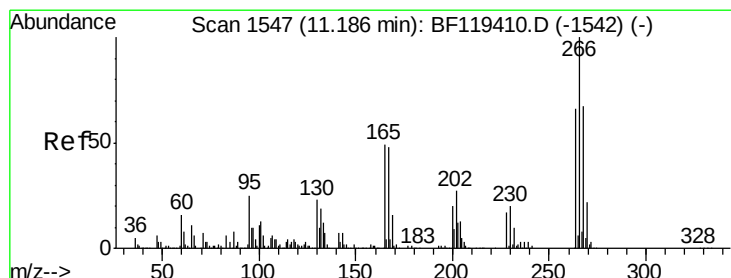
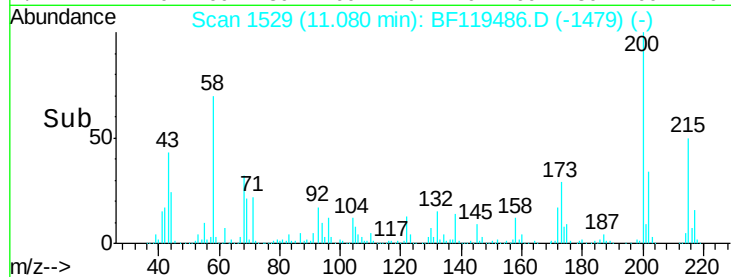
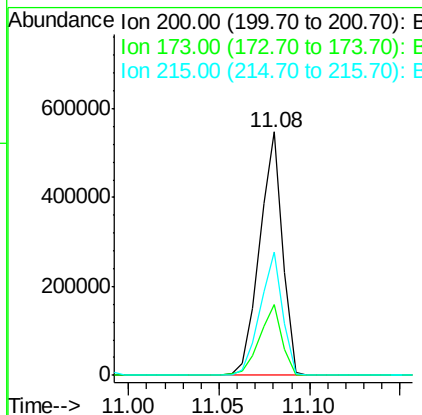
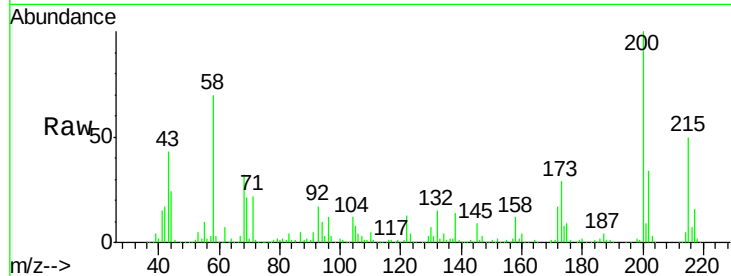
ClientSampleId :

PB127731BSD

Tot Ion:	200	Resp:	479949
Ion Ratio	Lower	Upper	
200	100		
173	29.2	9.9	49.9
215	50.5	29.4	69.4

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM



#70

Pentachlorophenol

Concen: 80.670 ng

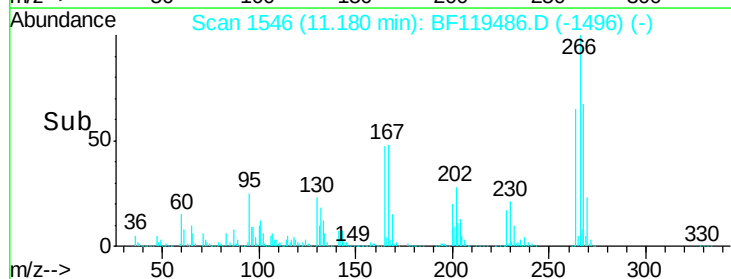
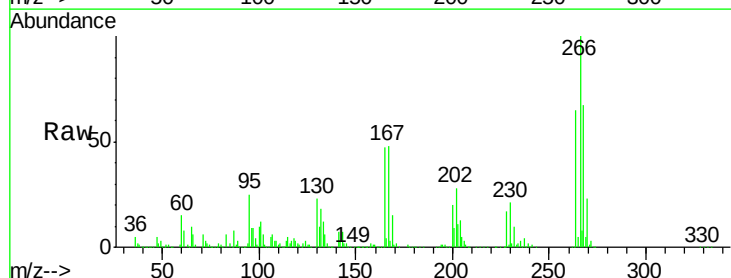
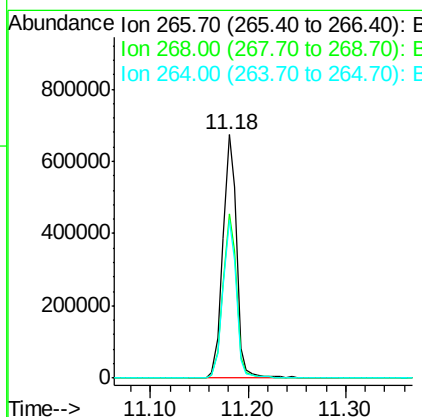
RT: 11.18 min Scan# 1546

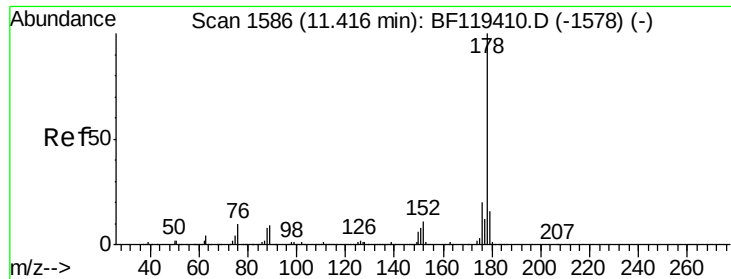
Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Tgt Ion:	266	Resp:	665569
Ion Ratio	Lower	Upper	
266	100		
268	67.4	53.7	80.5
264	64.8	52.5	78.7





#71

Phenanthrene

Concen: 38.669 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:178 Resp: 2420481

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

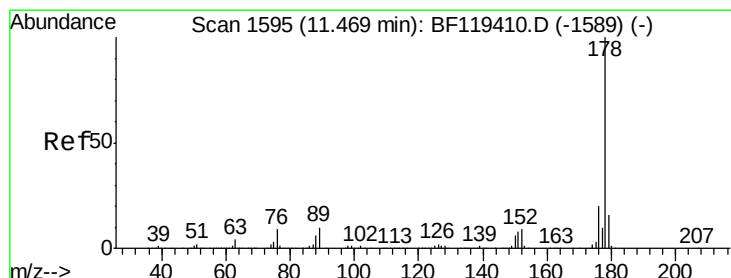
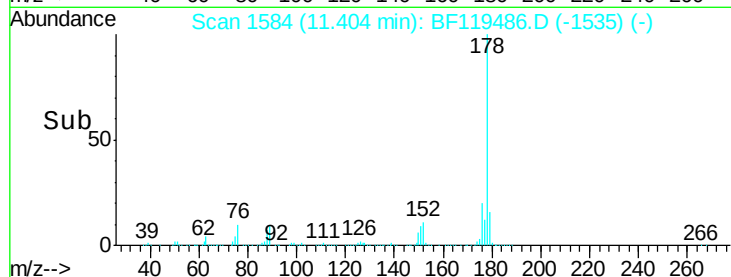
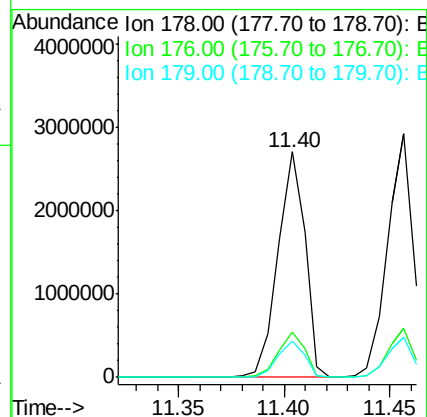
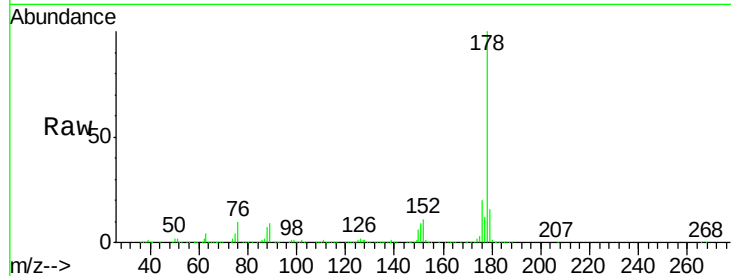
179 16.4 12.9 19.3

Manual Integrations

APPROVED

mohammad

3/25/2020 12:29:25 PM



#72

Anthracene

Concen: 39.027 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

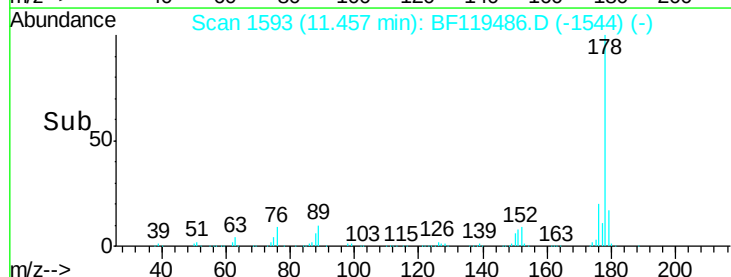
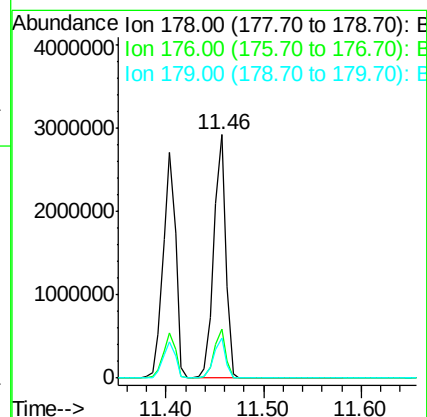
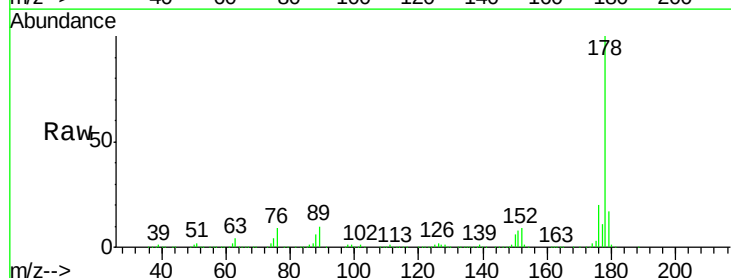
Tgt Ion:178 Resp: 2482805

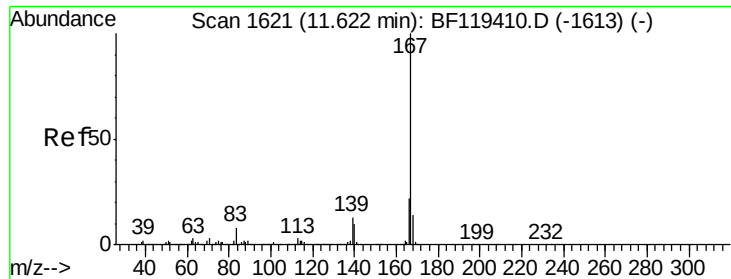
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 16.6 13.1 19.7





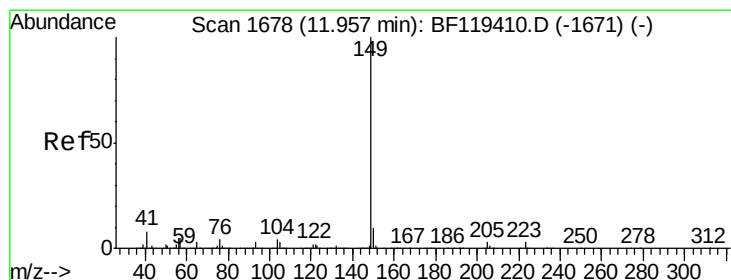
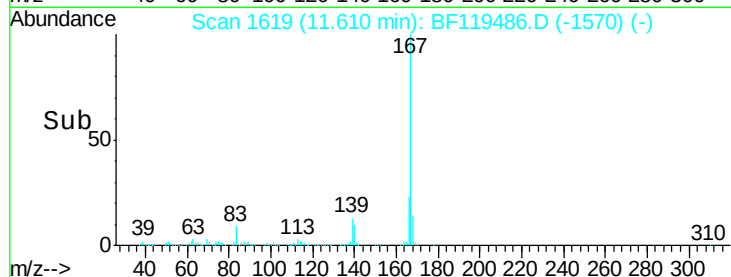
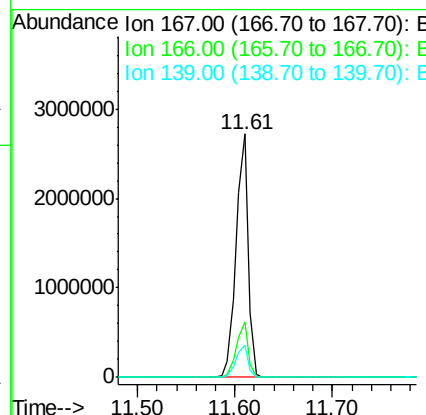
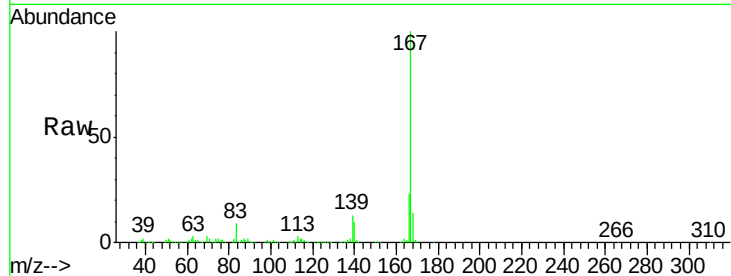
#73
 Carbazole
 Concen: 37.284 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.9	17.8	26.6	
139	13.2	10.2	15.4	

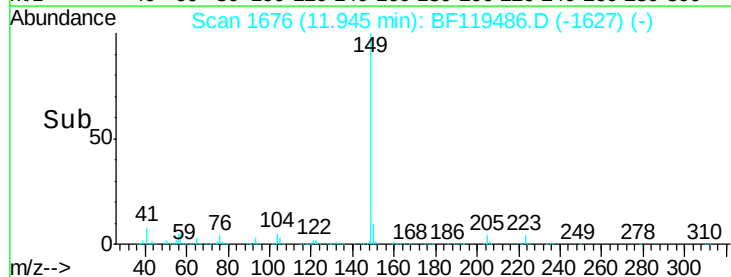
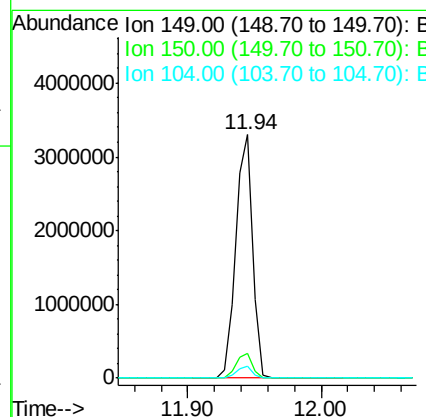
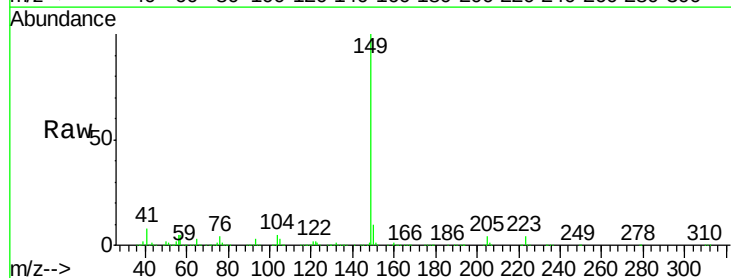
Manual Integrations
 APPROVED

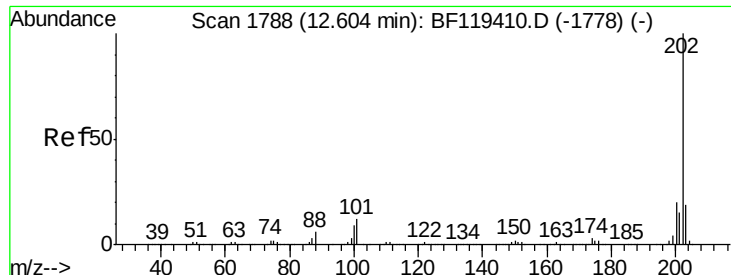
mohammad
 3/25/2020 12:29:25 PM



#74
 Di-n-butylphthalate
 Concen: 43.604 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.2	7.6	11.4	
104	4.8	3.5	5.3	





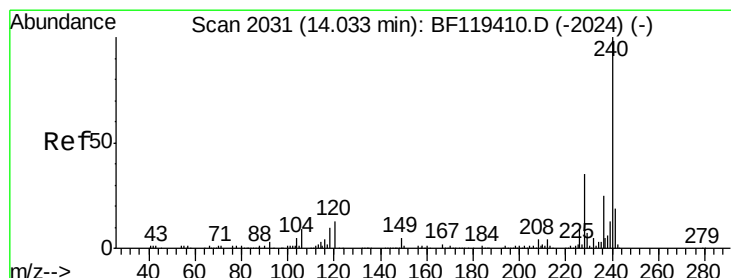
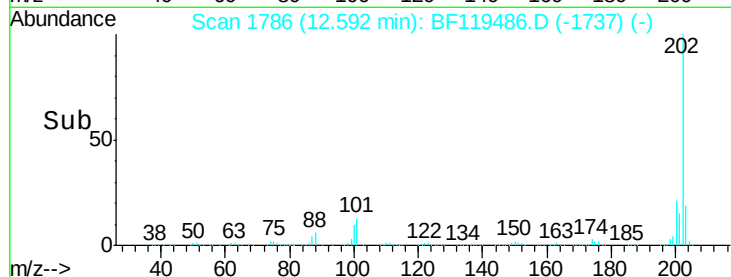
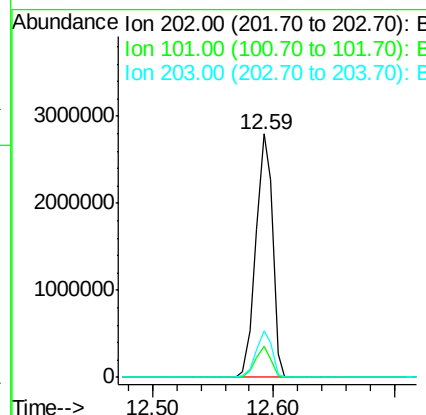
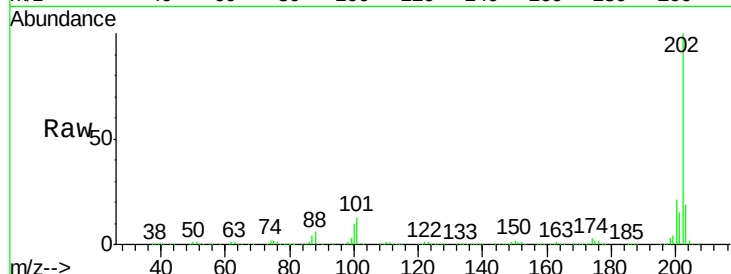
#75
Fluoranthene
Concen: 40.017 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
203	19.0	0.0	38.5

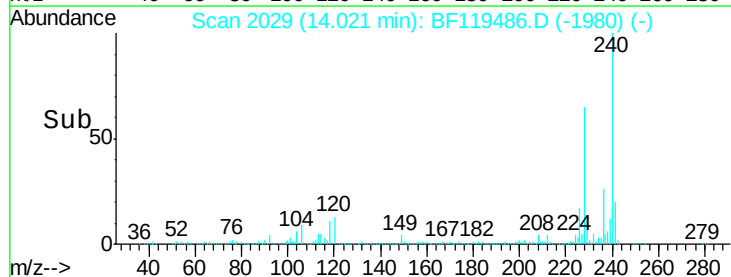
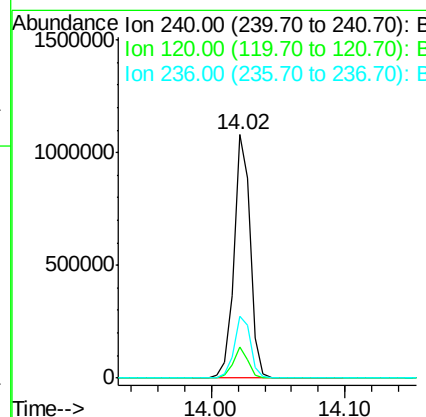
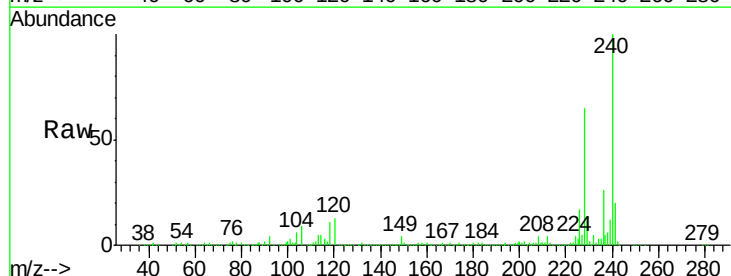
Manual Integrations
APPROVED

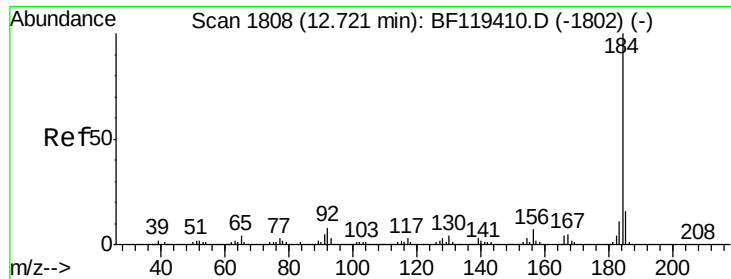
mohammad
3/25/2020 12:29:25 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.2	15.4
236	25.7	20.4	30.6





#77

Benzidine

Concen: 38.080 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

PB127731BSD

Tot Ion:184 Resp: 1492178

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

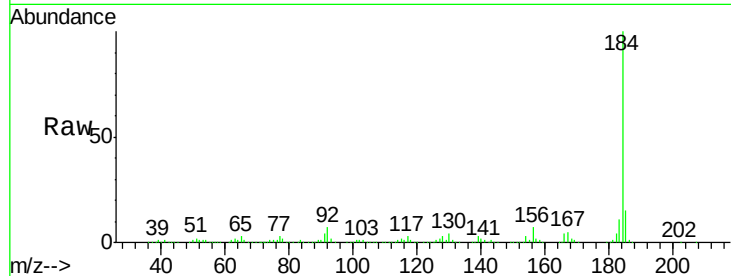
183 11.0 9.0 13.4

Manual Integrations

APPROVED

mohammad

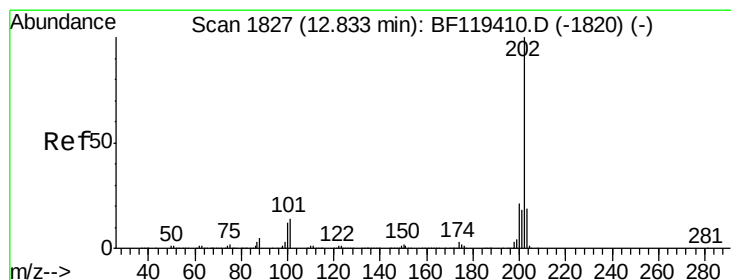
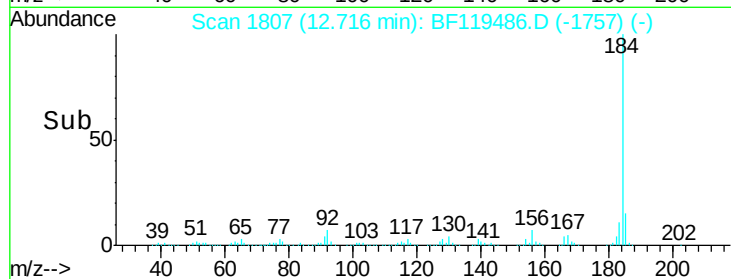
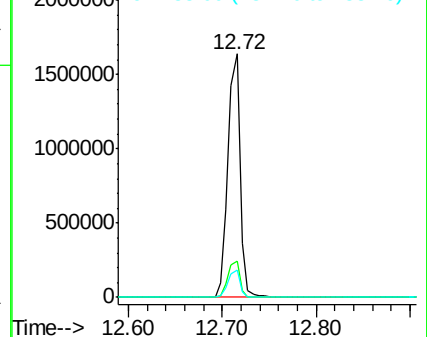
3/25/2020 12:29:25 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.999 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

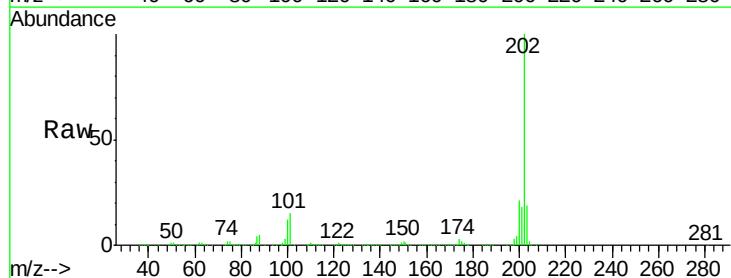
Tgt Ion:202 Resp: 2735547

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

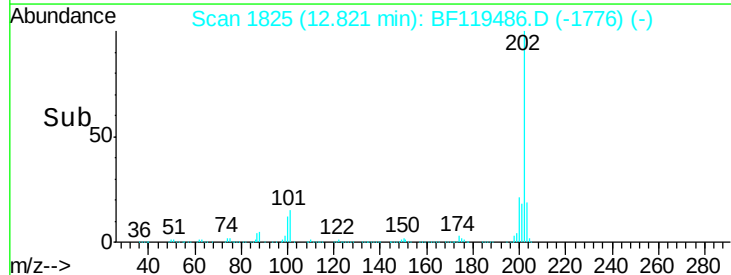
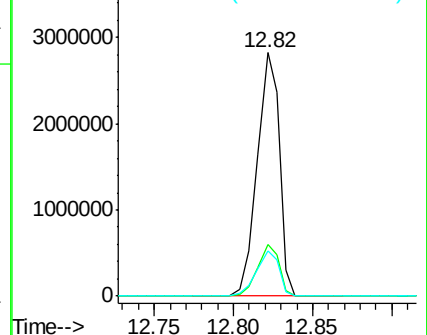
203 18.6 14.8 22.2

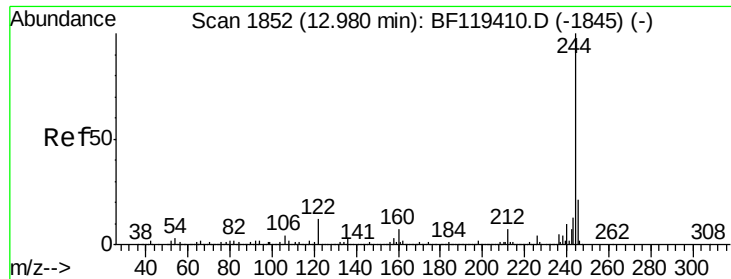


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





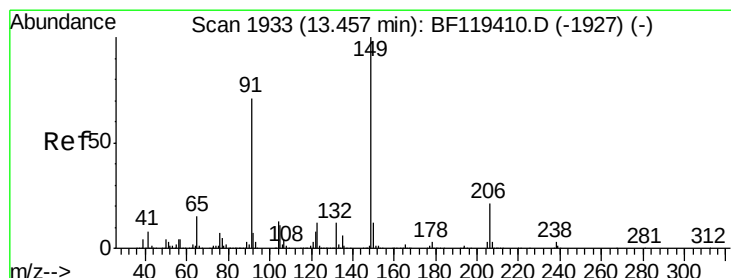
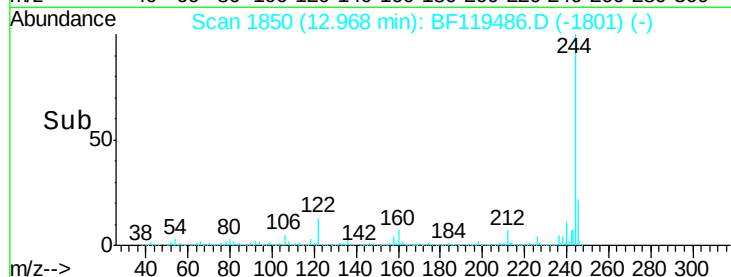
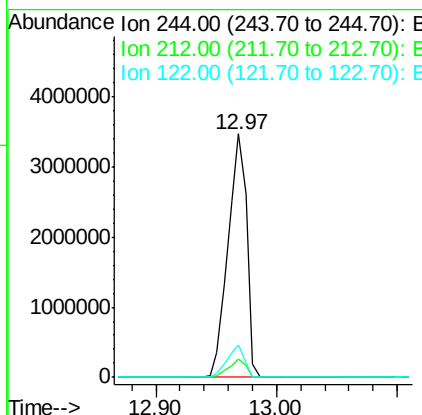
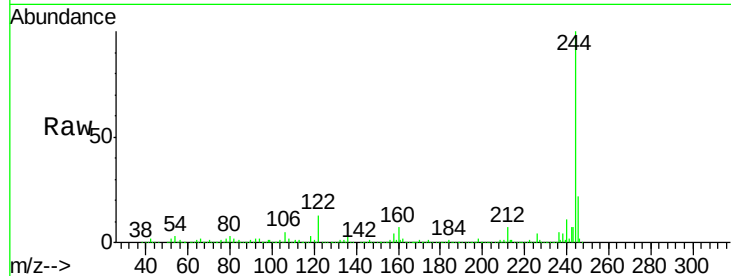
#79
 Terphenyl-d14
 Concen: 78.784 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	13.4	9.8	14.8

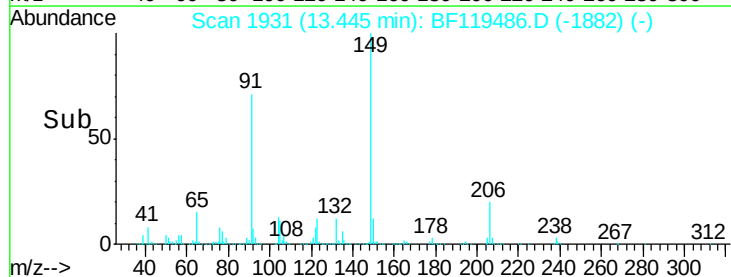
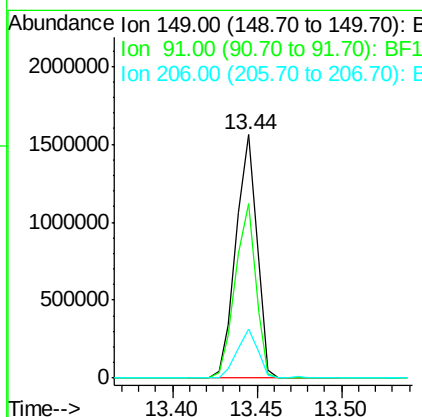
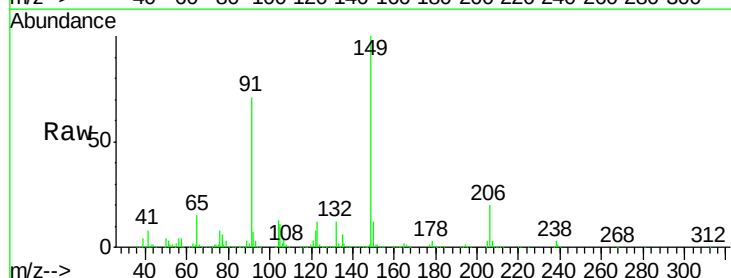
Manual Integrations
 APPROVED

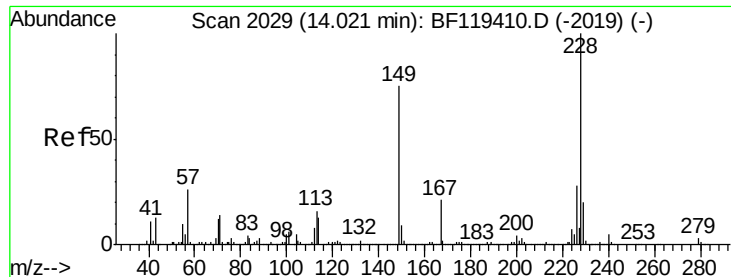
mohammad
 3/25/2020 12:29:25 PM



#80
 Butylbenzylphthalate
 Concen: 43.904 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119486.D
 Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.0	85.6
206	20.1	16.4	24.6





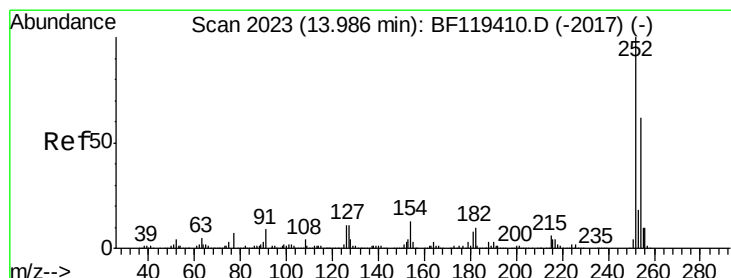
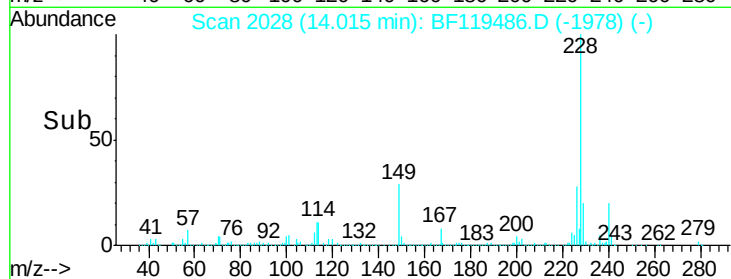
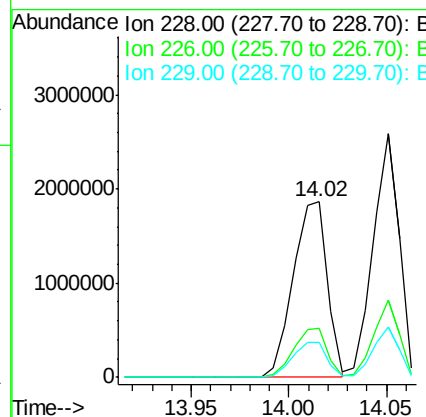
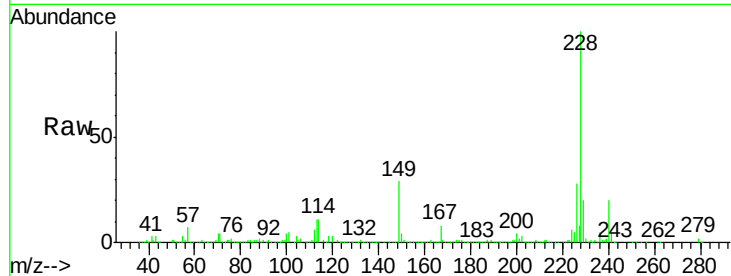
#81
Benzo(a)anthracene
Concen: 37.366 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:228 Resp: 2249874
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.2 16.3 24.5

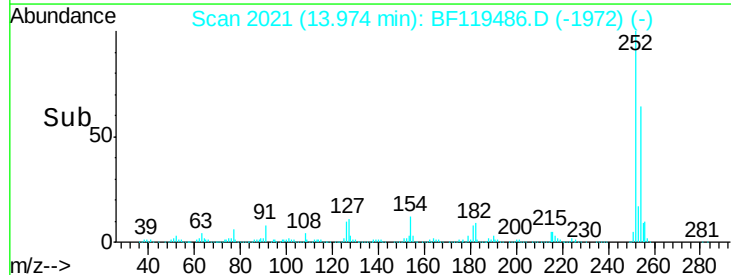
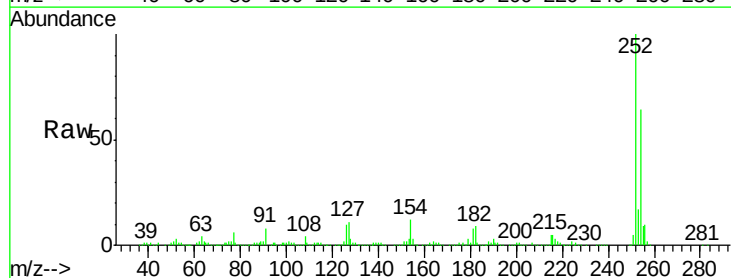
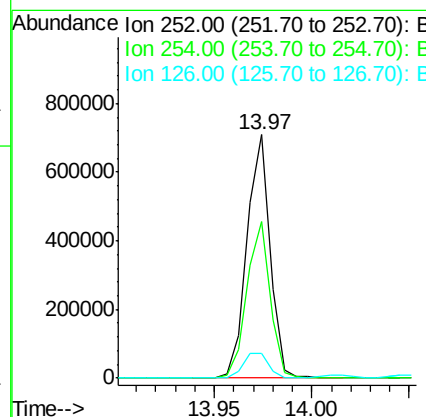
Manual Integrations
APPROVED

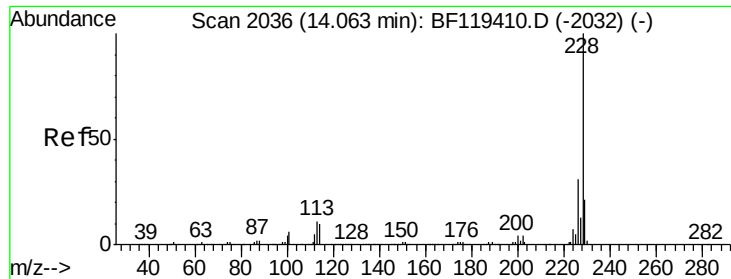
mohammad
3/25/2020 12:29:25 PM



#82
3,3'-Dichlorobenzidine
Concen: 24.613 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion:252 Resp: 584345
Ion Ratio Lower Upper
252 100
254 64.5 49.8 74.8
126 10.0 8.9 13.3





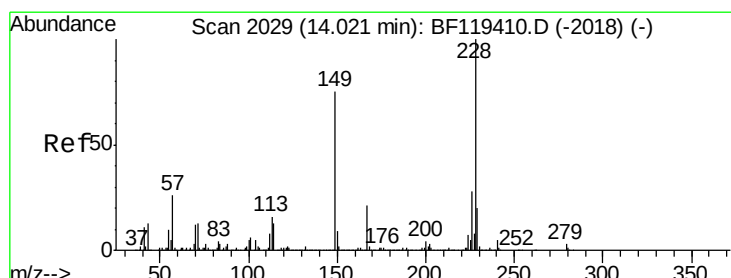
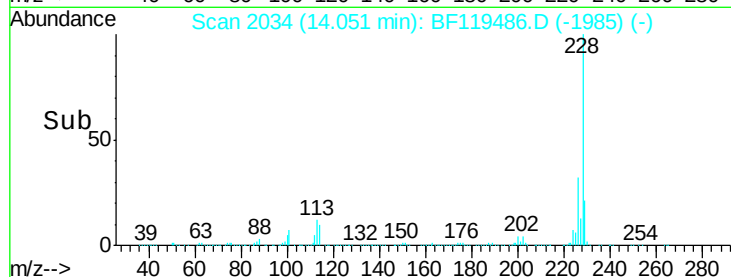
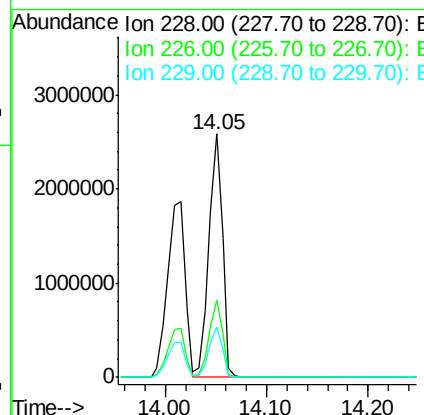
#83
Chrysene
Concen: 38.439 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:228 Resp: 2388654
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 20.7 16.6 25.0

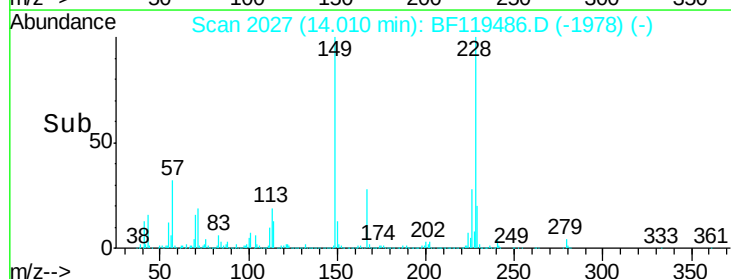
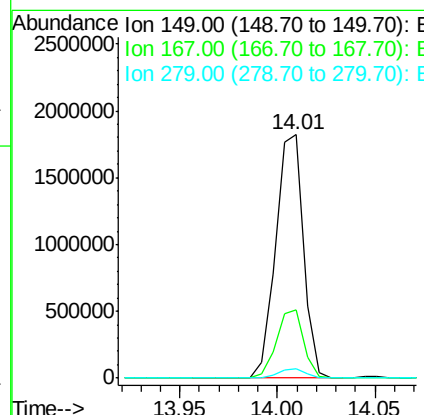
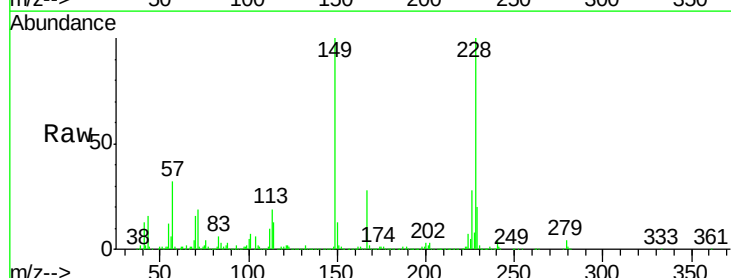
Manual Integrations
APPROVED

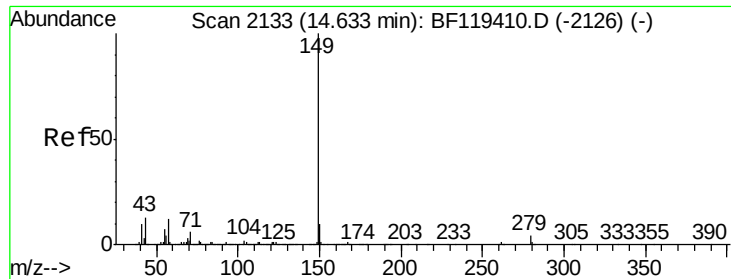
mohammad
3/25/2020 12:29:25 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.087 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion:149 Resp: 1798484
Ion Ratio Lower Upper
149 100
167 28.0 22.0 33.0
279 4.1 3.2 4.8





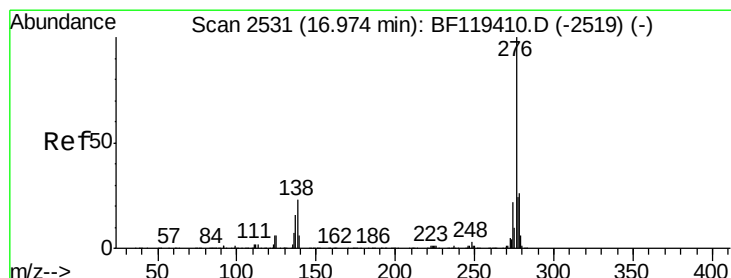
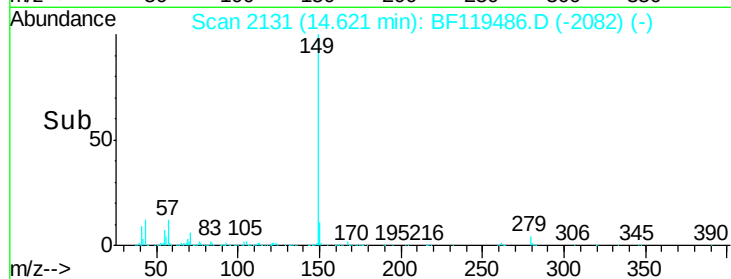
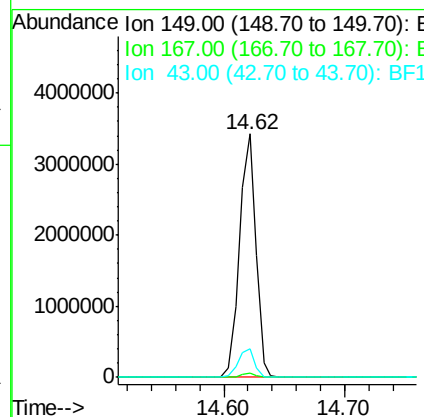
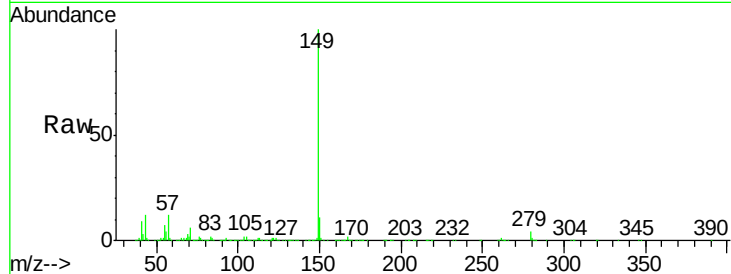
#85
Di-n-octyl phthalate
Concen: 50.572 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:149 Resp: 3258659
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.8 10.1 15.1

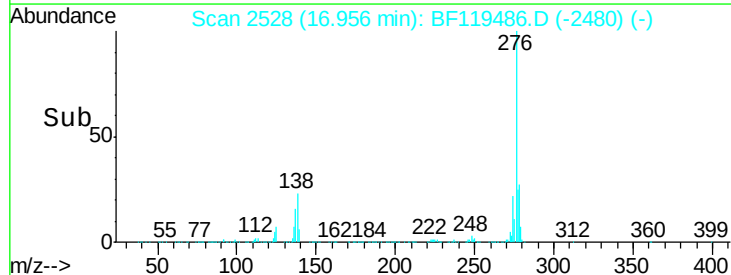
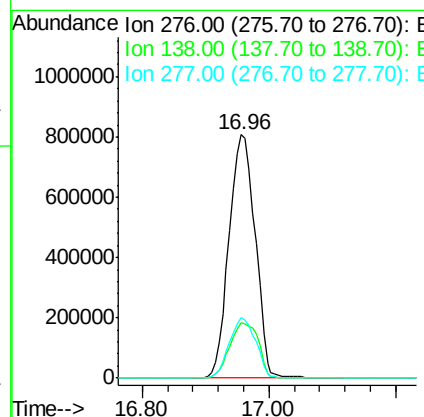
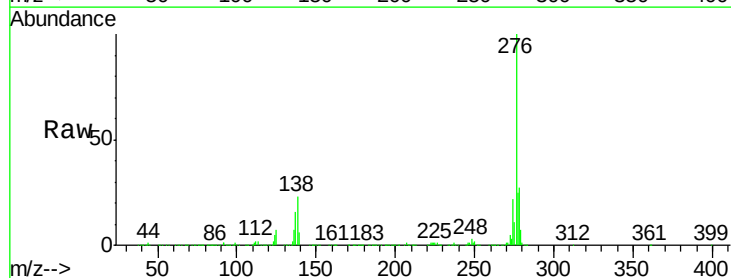
Manual Integrations
APPROVED

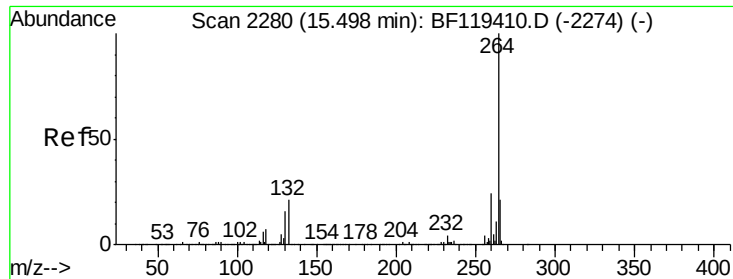
mohammad
3/25/2020 12:29:25 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.367 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion:276 Resp: 2303942
Ion Ratio Lower Upper
276 100
138 24.9 21.3 31.9
277 25.1 20.2 30.2





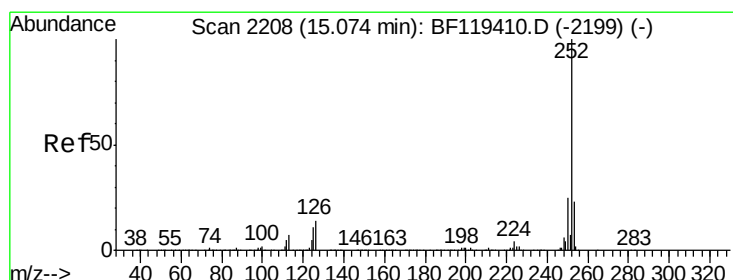
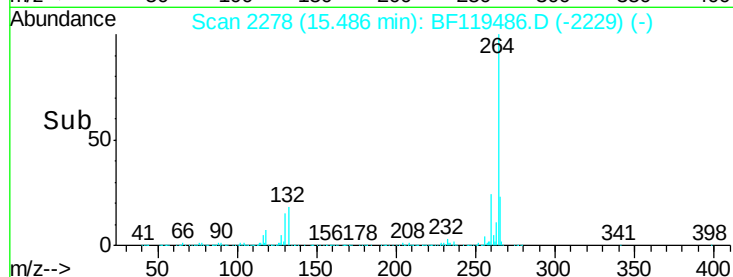
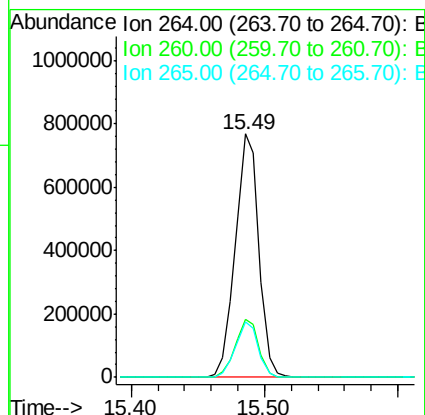
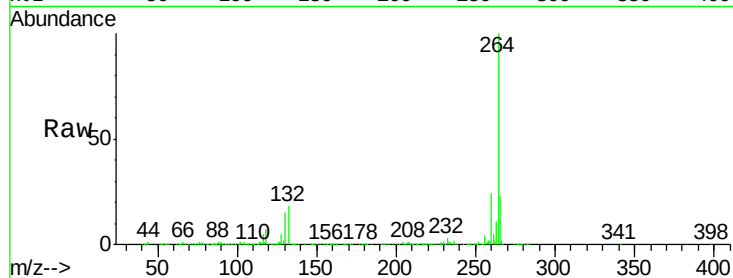
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	16.9	25.3

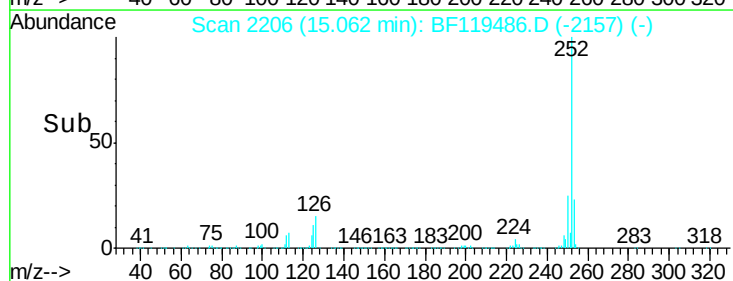
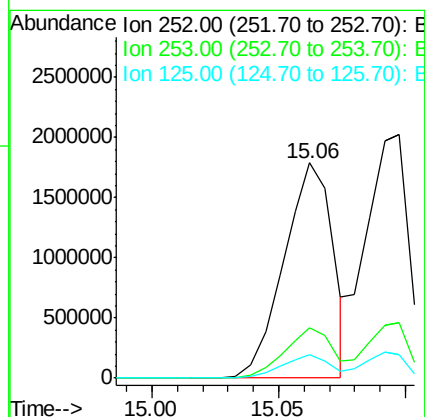
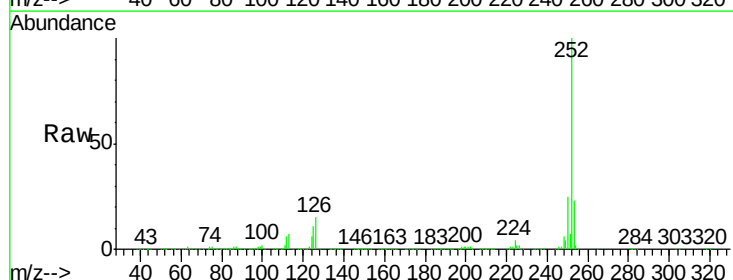
Manual Integrations
APPROVED

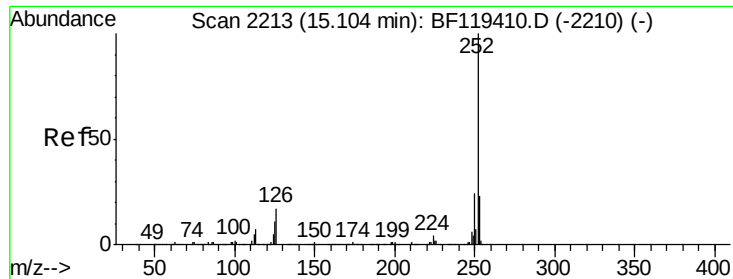
mohammad
3/25/2020 12:29:25 PM



#88
Benzo(b)fluoranthene
Concen: 37.908 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.0	8.8	13.2





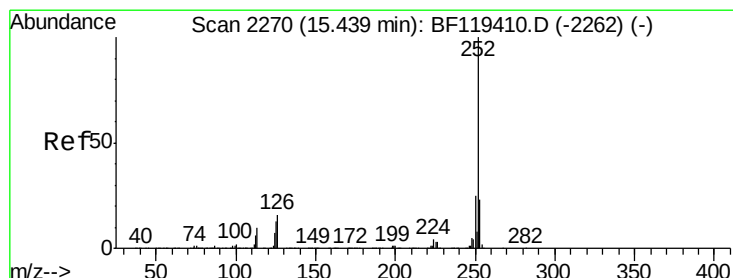
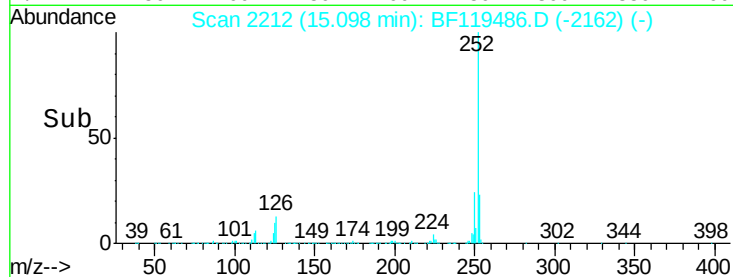
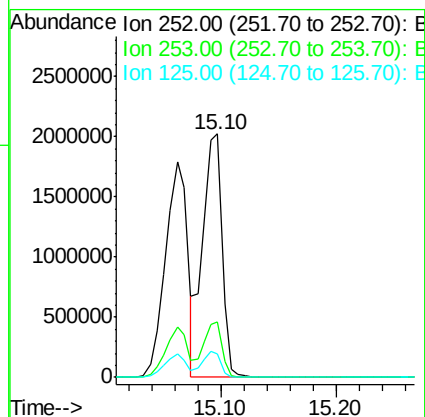
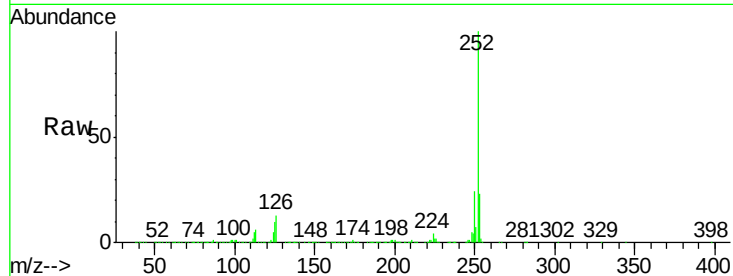
#89
Benzo(k)fluoranthene
Concen: 39.650 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
PB127731BSD

Tot Ion:252 Resp: 2385071
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.5 9.0 13.4

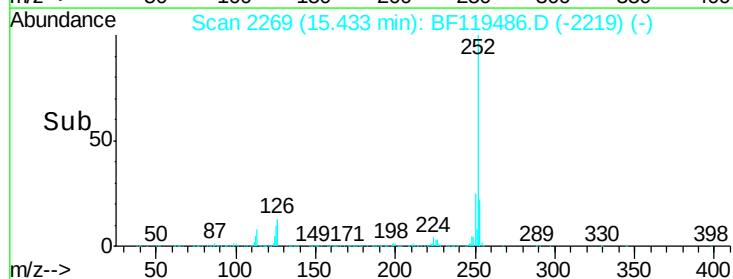
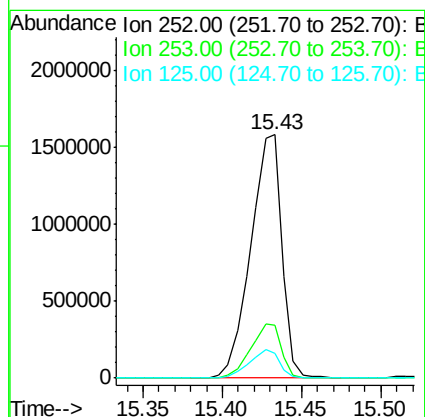
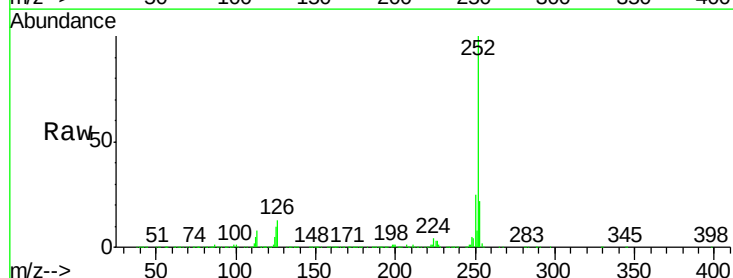
Manual Integrations
APPROVED

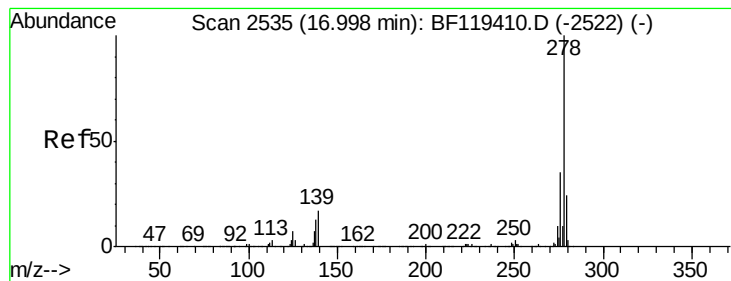
mohammad
3/25/2020 12:29:25 PM



#90
Benzo(a)pyrene
Concen: 37.683 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119486.D
Acq: 24 Mar 2020 13:24

Tgt Ion:252 Resp: 2163415
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 10.1 10.2 15.2#





#91

Dibenzo(a,h)anthracene

Concen: 38.527 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

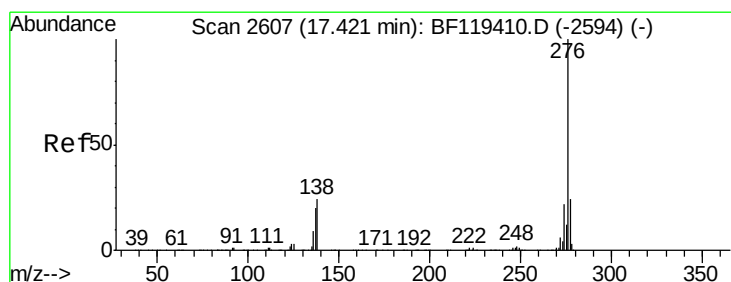
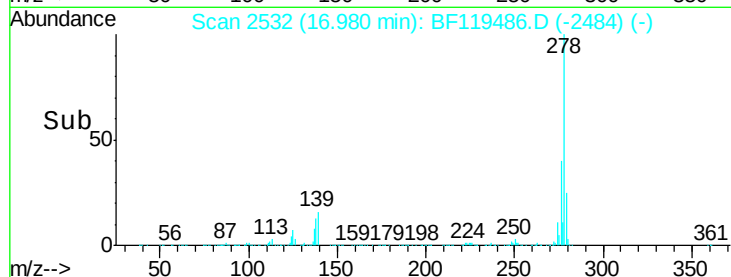
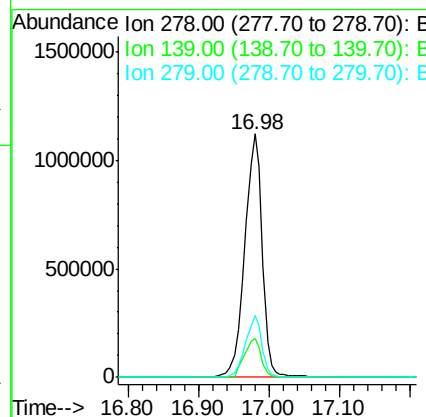
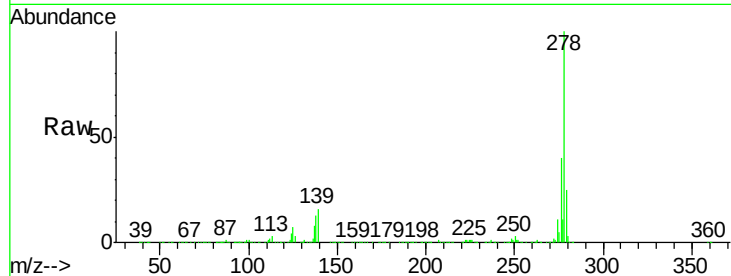
ClientSampleId :

PB127731BSD

Tot Ion:	278	Resp:	1934621
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.7	20.5
279	25.2	19.2	28.8

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:25 PM



#92

Benzo(g,h,i)perylene

Concen: 36.917 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.02 min

Lab File: BF119486.D

Acq: 24 Mar 2020 13:24

Tgt Ion:	276	Resp:	1862367
Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.8	19.1	28.7

