

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119970.D
 Acq On : 14 Apr 2020 23:30
 Operator : MA/SJ
 Sample : L2195-04MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:51:34 PM

Quant Time: Apr 15 04:09:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182393	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	717695	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	374999	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	727590	20.00	ng	0.00
76) Chrysene-d12	13.90	240	519935	20.00	ng	0.00
87) Perylene-d12	15.33	264	430681	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1332777	126.28	ng	0.02
7) Phenol-d6	6.37	99	1572017	115.59	ng	0.00
23) Nitrobenzene-d5	7.30	82	1131176	81.54	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	508691	110.80	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2207073	83.56	ng	0.00
79) Terphenyl-d14	12.86	244	2499479	80.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	167366	35.604	ng	# 80
3) Pyridine	3.28	79	348652	27.033	ng	97
4) n-Nitrosodimethylamine	3.18	42	251241	38.127	ng	94
6) Aniline	6.40	93	275267	15.422	ng	# 88
8) 2-Chlorophenol	6.52	128	543465	46.086	ng	98
9) Benzaldehyde	6.28	77	194515	21.437	ng	98
10) Phenol	6.39	94	592531	38.405	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	536112	45.004	ng	99
12) 1,3-Dichlorobenzene	6.67	146	542987	42.059	ng	99
13) 1,4-Dichlorobenzene	6.75	146	545798	41.502	ng	99
14) 1,2-Dichlorobenzene	6.90	146	508719	41.974	ng	98
15) Benzyl Alcohol	6.88	79	416637	39.444	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	911477	39.320	ng	95
17) 2-Methylphenol	7.00	107	456089	43.339	ng	97
18) Hexachloroethane	7.25	117	208089	42.339	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	383011	43.797	ng	99
20) 3+4-Methylphenols	7.15	107	534025	41.491	ng	92
22) Acetophenone	7.15	105	737148	43.862	ng	99
24) Nitrobenzene	7.32	77	573088	41.065	ng	97
25) Isophorone	7.56	82	1075359	40.211	ng	100
26) 2-Nitrophenol	7.64	139	297597	42.683	ng	91
27) 2,4-Dimethylphenol	7.68	122	464127	44.138	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	674376	42.854	ng	99
29) 2,4-Dichlorophenol	7.88	162	461127	42.782	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	491595	40.252	ng	99
31) Naphthalene	8.04	128	1596453	42.279	ng	99
32) Benzoic acid	7.81	122	337778	36.575	ng	93
33) 4-Chloroaniline	8.09	127	204826	12.460	ng	98
34) Hexachlorobutadiene	8.16	225	278174	38.050	ng	98
35) Caprolactam	8.46	113	100817m	30.577	ng	
36) 4-Chloro-3-methylphenol	8.58	107	504513	43.233	ng	96
37) 2-Methylnaphthalene	8.73	142	1091770	42.647	ng	100
38) 1-Methylnaphthalene	8.83	142	1020063	42.275	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	473684	39.993	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119970.D
 Acq On : 14 Apr 2020 23:30
 Operator : MA/SJ
 Sample : L2195-04MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 VNJ-223MS

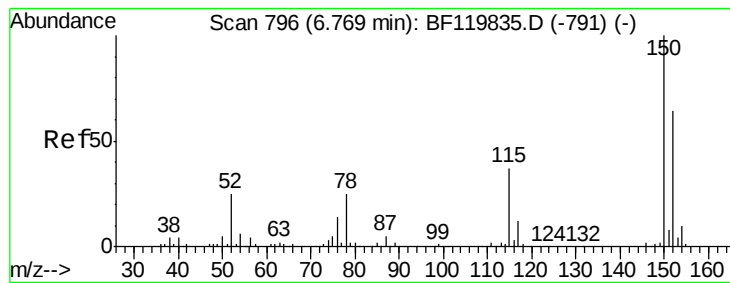
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:51:34 PM

Quant Time: Apr 15 04:09:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	479826	71.244	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	356160	43.546	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	358217	38.887	ng	97
46) 1,1'-Biphenyl	9.20	154	1307536	41.310	ng	99
47) 2-Chloronaphthalene	9.23	162	1018305	41.763	ng	99
48) 2-Nitroaniline	9.32	65	373234	42.240	ng	97
49) Acenaphthylene	9.64	152	1606091	43.312	ng	100
50) Dimethylphthalate	9.51	163	1212993	41.819	ng	99
51) 2,6-Dinitrotoluene	9.57	165	271547	42.752	ng	88
52) Acenaphthene	9.82	154	1123985m	45.439	ng	
53) 3-Nitroaniline	9.73	138	167477	23.087	ng	97
54) 2,4-Dinitrophenol	9.85	184	261434	68.748	ng	95
55) Dibenzofuran	9.99	168	1454369	42.846	ng	99
56) 4-Nitrophenol	9.90	139	406091	75.236	ng	98
57) 2,4-Dinitrotoluene	9.97	165	362277	43.290	ng	99
58) Fluorene	10.33	166	1136498	41.865	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	315289	44.751	ng	96
60) Diethylphthalate	10.21	149	1249721	41.571	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	546621	39.286	ng	97
62) 4-Nitroaniline	10.36	138	286473	41.437	ng	95
63) Azobenzene	10.48	77	1184660	43.972	ng	97
65) 4,6-Dinitro-2-methylphenol	10.38	198	183477	38.277	ng	83
66) n-Nitrosodiphenylamine	10.45	169	1037377	42.871	ng	98
67) 4-Bromophenyl-phenylether	10.81	248	340775	37.662	ng	94
68) Hexachlorobenzene	10.87	284	367802	40.069	ng	96
69) Atrazine	10.97	200	318804	47.353	ng	96
70) Pentachlorophenol	11.07	266	399032	75.435	ng	99
71) Phenanthrene	11.29	178	1658411	42.827	ng	98
72) Anthracene	11.35	178	1697565	42.913	ng	100
73) Carbazole	11.50	167	1581941	42.288	ng	98
74) Di-n-butylphthalate	11.83	149	2000277	40.675	ng	100
75) Fluoranthene	12.48	202	1829547	43.788	ng	98
77) Benzidine	12.60	184	357456	20.339	ng	97
78) Pyrene	12.70	202	1831134	41.777	ng	99
80) Butylbenzylphthalate	13.33	149	854584	40.181	ng	95
81) Benzo(a)anthracene	13.89	228	1414450	41.353	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	349280	27.368	ng	95
83) Chrysene	13.93	228	1493110	42.961	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1133018	39.338	ng	99
85) Di-n-octyl phthalate	14.50	149	2023812	41.268	ng	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	1217407	39.738	ng	97
88) Benzo(b)fluoranthene	14.92	252	1321253	42.646	ng	98
89) Benzo(k)fluoranthene	14.95	252	1308189	48.937	ng	98
90) Benzo(a)pyrene	15.27	252	1140522	43.782	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1024942	44.419	ng	96
92) Benzo(g,h,i)perylene	17.14	276	976730	42.882	ng	# 95

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



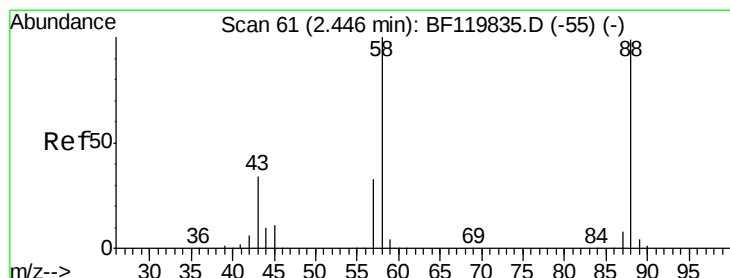
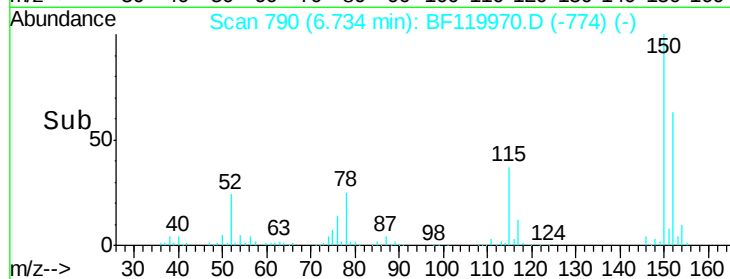
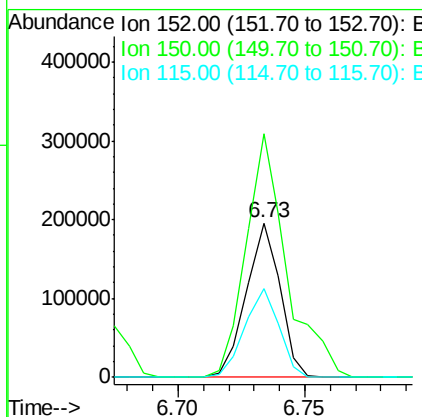
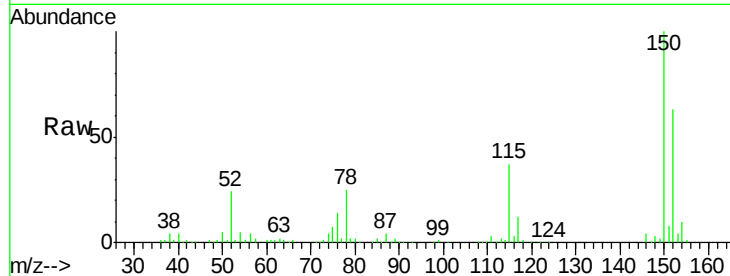
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.8	187.2
115	57.6	46.5	69.7

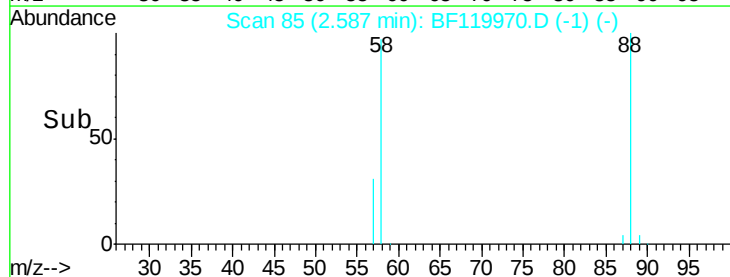
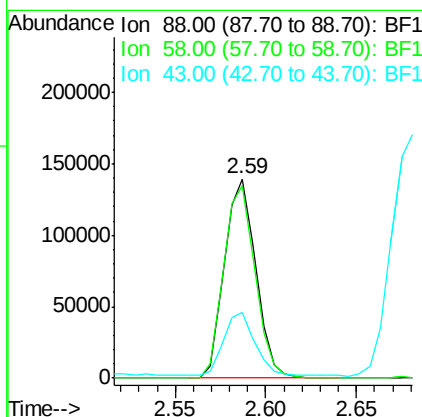
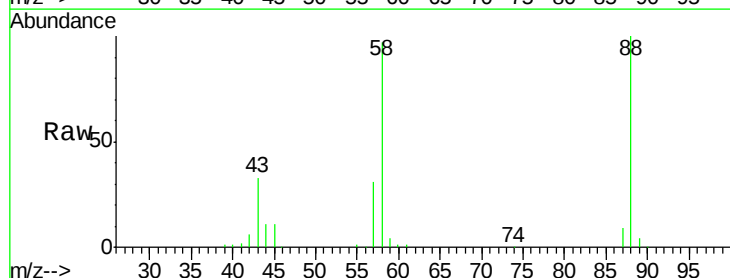
Manual Integrations
 APPROVED

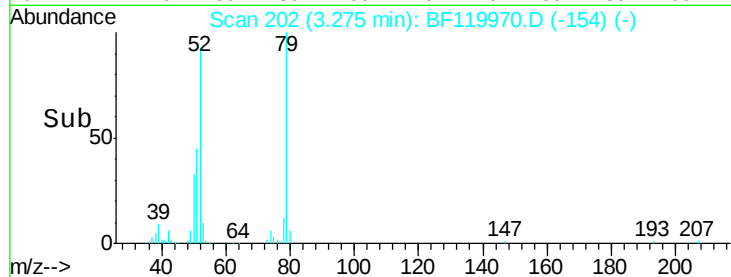
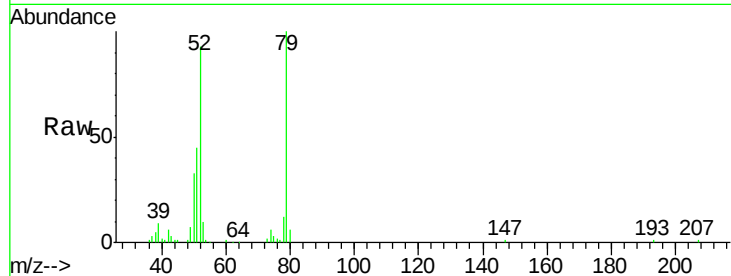
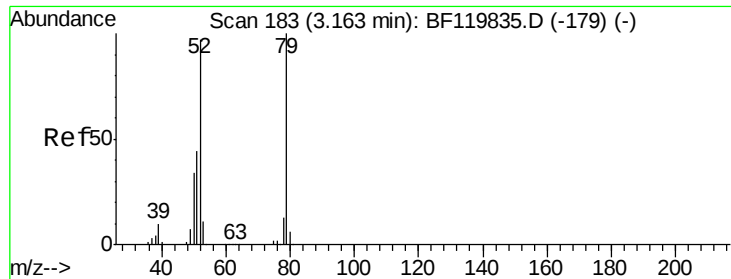
mohammad
 4/16/2020 12:51:34 PM



#2
 1,4-Dioxane
 Concen: 35.604 ng
 RT: 2.59 min Scan# 85
 Delta R.T. 0.19 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	82.6	123.8
43	0.0	28.6	42.8#





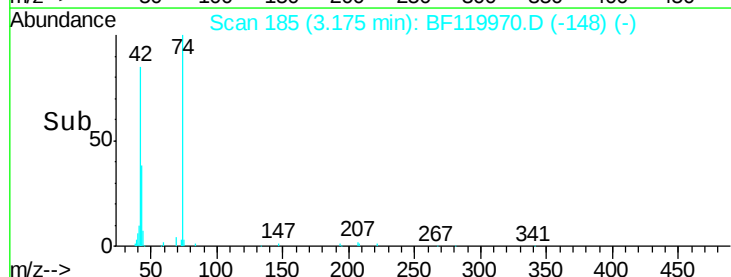
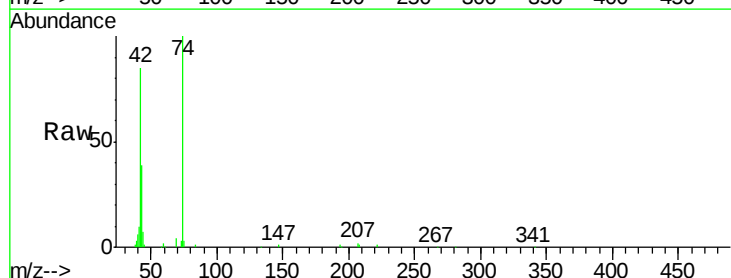
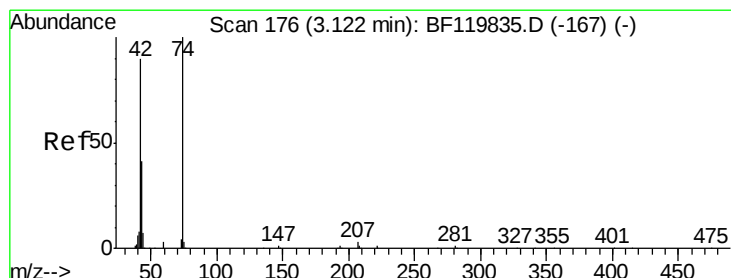
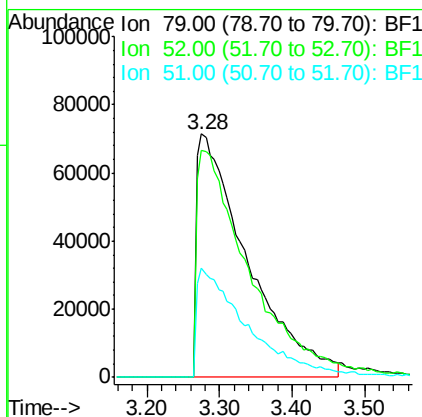
#3
 Pvridine
 Concen: 27.033 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.18 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		348652		
52	93.4	77.4	116.0		
51	44.7	35.3	52.9		

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

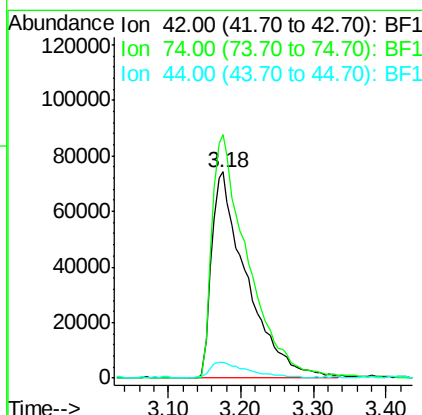
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:51:34 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.127 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.12 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		251241		
74	118.2	89.0	133.4		
44	7.9	6.2	9.4		





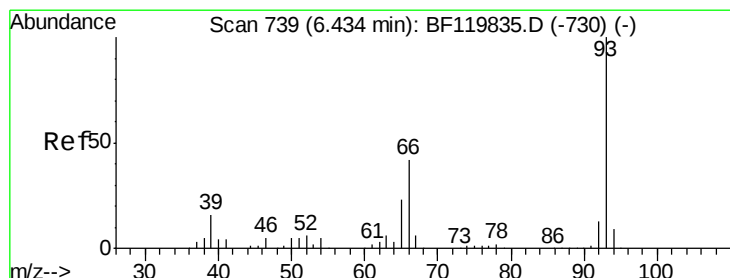
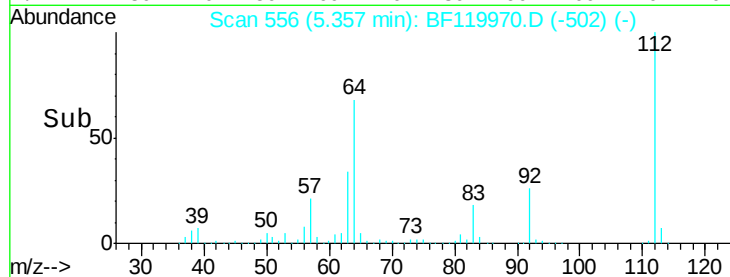
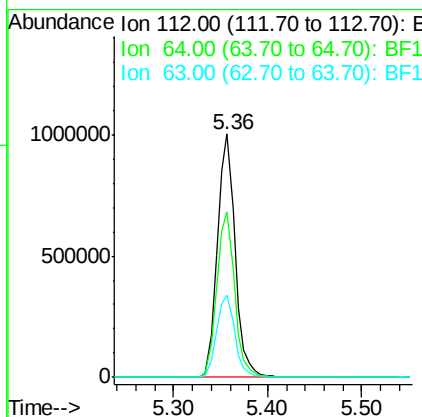
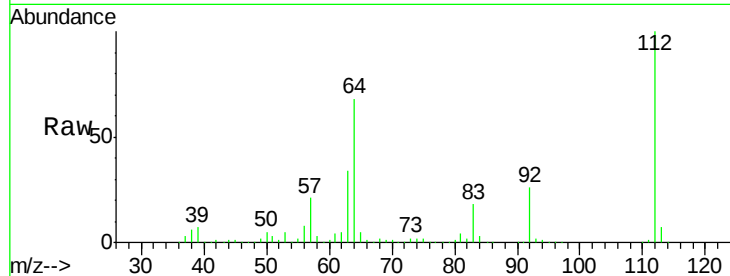
#5
2-Fluorophenol
Concen: 126.281 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	68.2	55.5	83.3
63	33.8	29.1	43.7

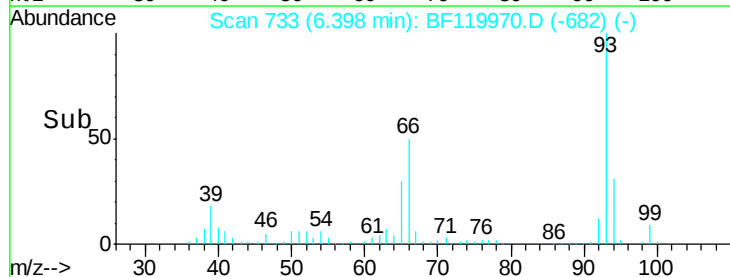
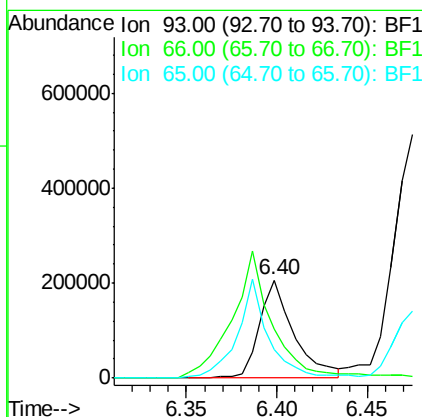
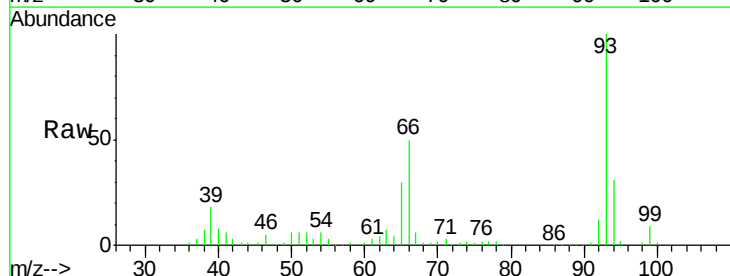
Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#6
Aniline
Concen: 15.422 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.6	34.2	51.2
65	29.8	18.3	27.5





#7

Phenol-d6

Concen: 115.595 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion: 99 Resp: 1572017

Ion Ratio Lower Upper

99 100

42 19.2 16.9 25.3

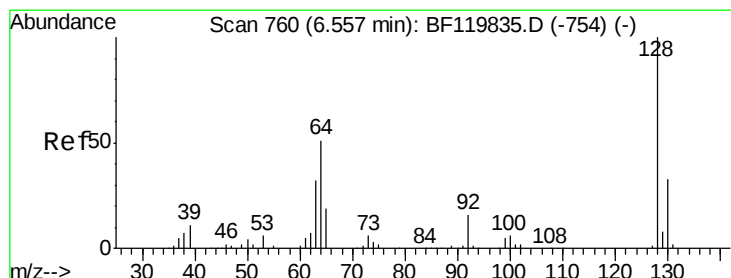
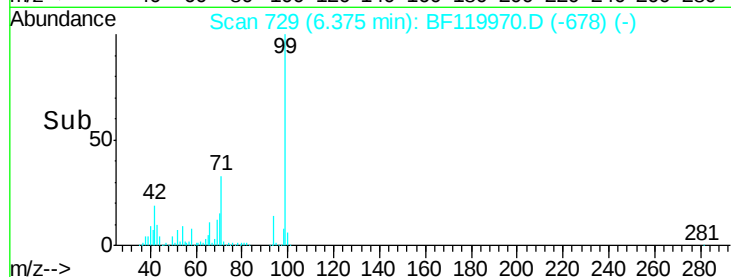
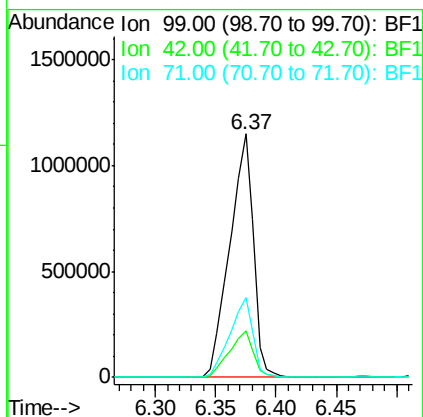
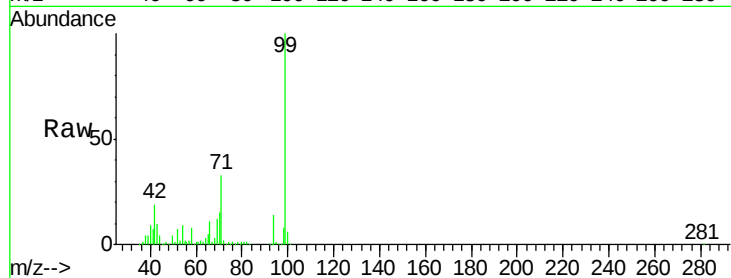
71 32.8 26.3 39.5

Manual Integrations

APPROVED

mohammad

4/16/2020 12:51:34 PM



#8

2-Chlorophenol

Concen: 46.086 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

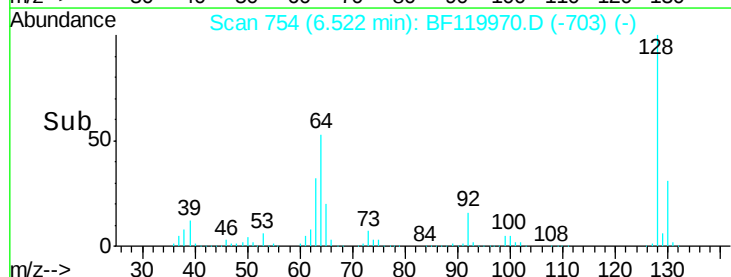
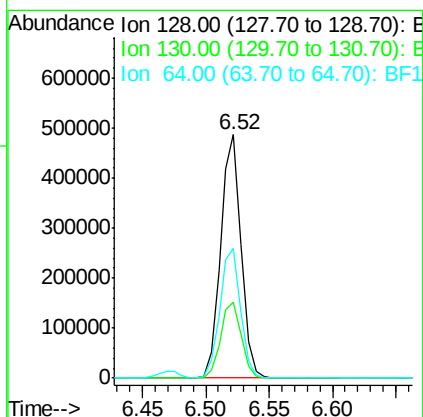
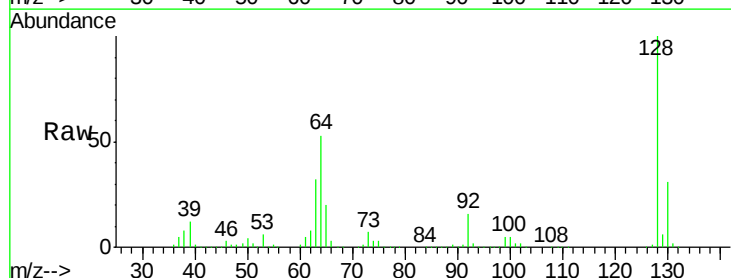
Tgt Ion: 128 Resp: 543465

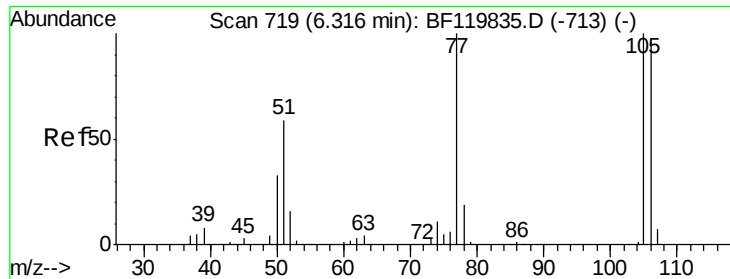
Ion Ratio Lower Upper

128 100

130 31.4 12.6 52.6

64 53.2 32.0 72.0





#9

Benzaldehyde

Concen: 21.437 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

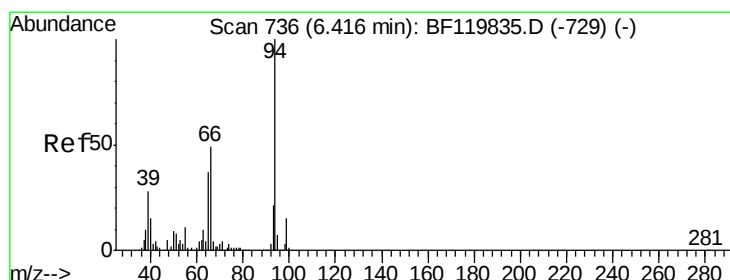
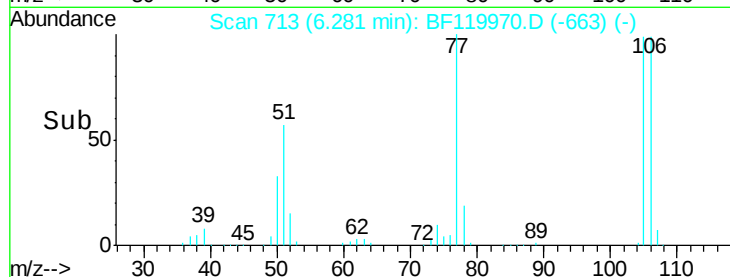
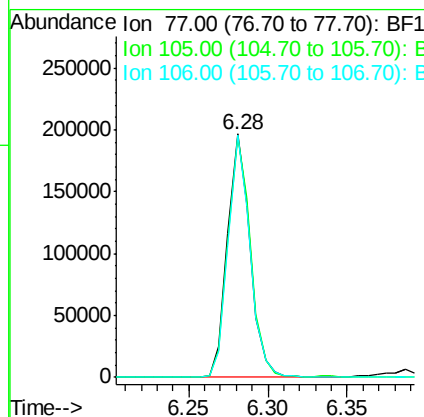
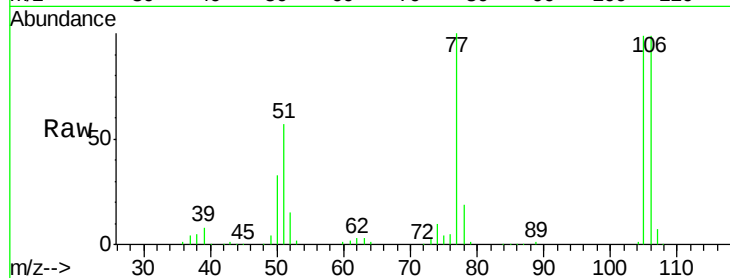
ClientSampleId :

VNJ-223MS

Tot Ion:	77	Resp:	194515
Ion Ratio	Lower	Upper	
77	100		
105	99.1	79.9	119.9
106	99.3	76.4	116.4

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#10

Phenol

Concen: 38.405 ng

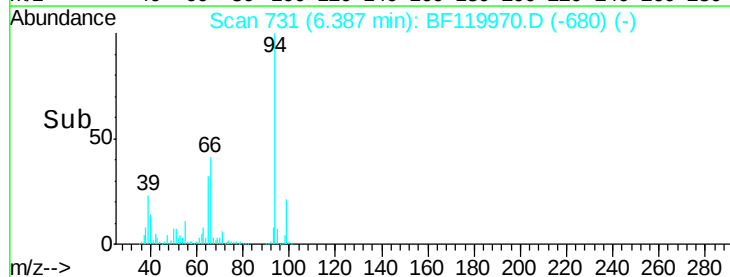
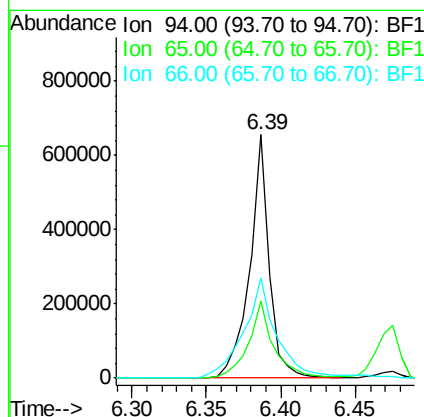
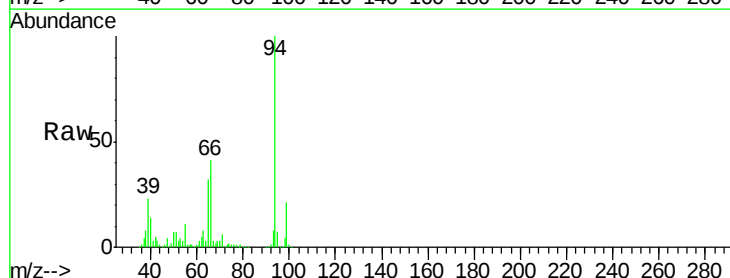
RT: 6.39 min Scan# 731

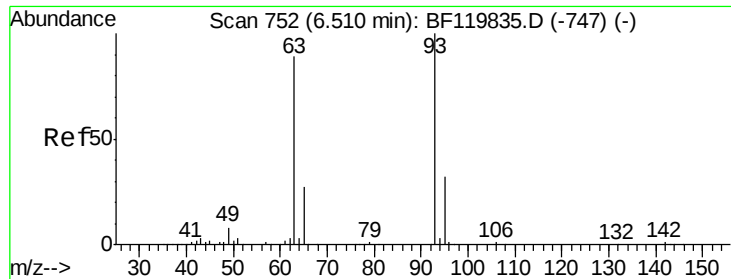
Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Tgt Ion:	94	Resp:	592531
Ion Ratio	Lower	Upper	
94	100		
65	32.0	16.6	56.6
66	41.0	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 45.004 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

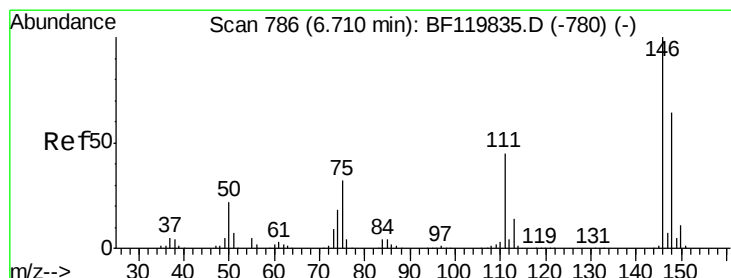
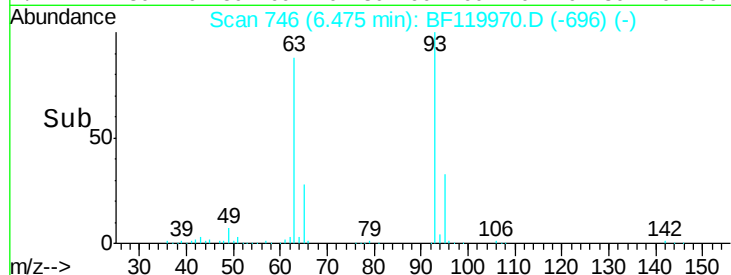
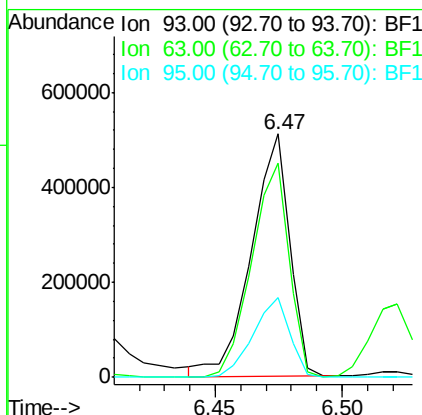
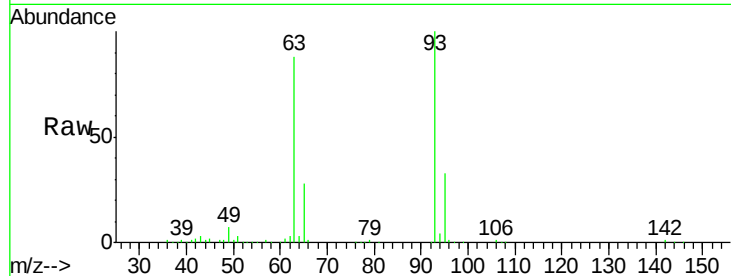
ClientSampleId :

VNJ-223MS

Tot Ion:	93	Resp:	536112
Ion Ratio	Lower	Upper	
93	100		
63	88.0	69.1	109.1
95	32.9	12.3	52.3

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#12

1,3-Dichlorobenzene

Concen: 42.059 ng

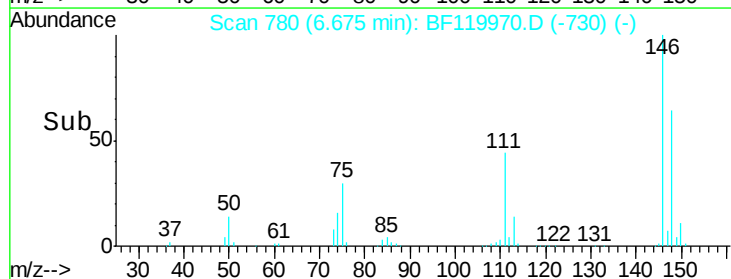
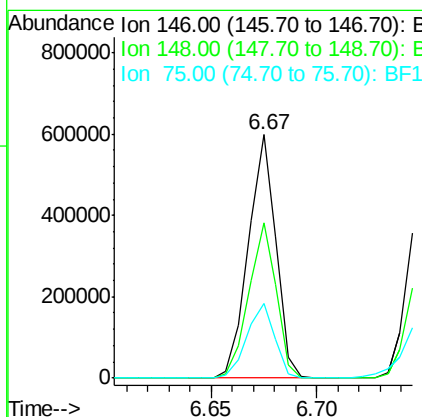
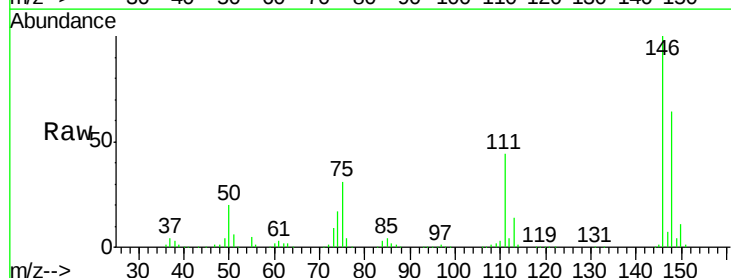
RT: 6.67 min Scan# 780

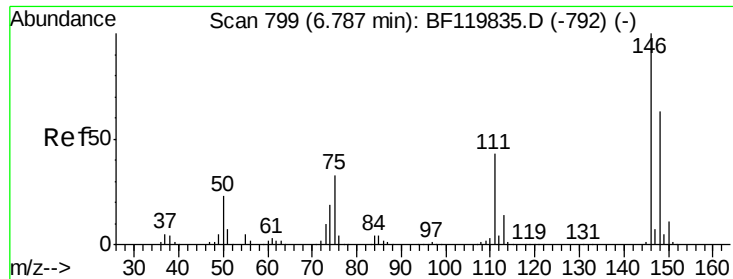
Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Tgt Ion:	146	Resp:	542987
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.3	76.9
75	30.8	25.3	37.9





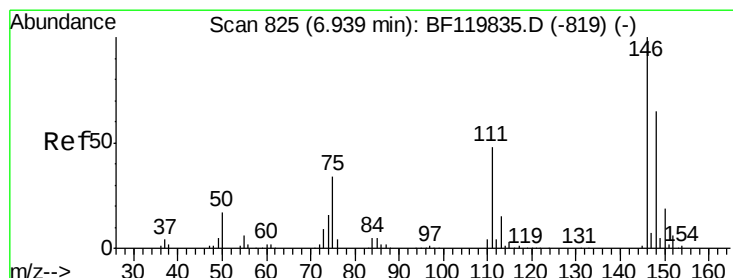
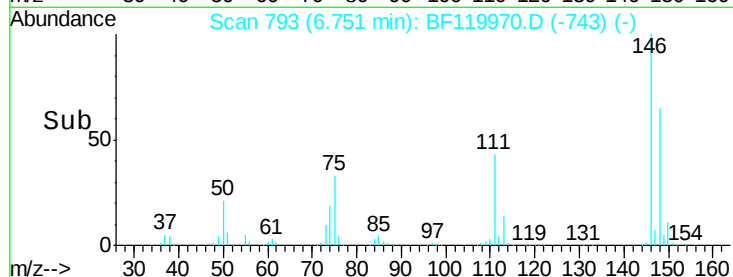
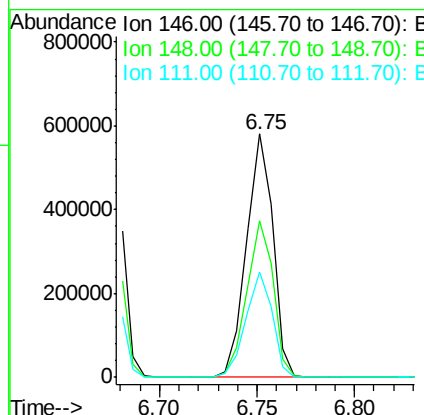
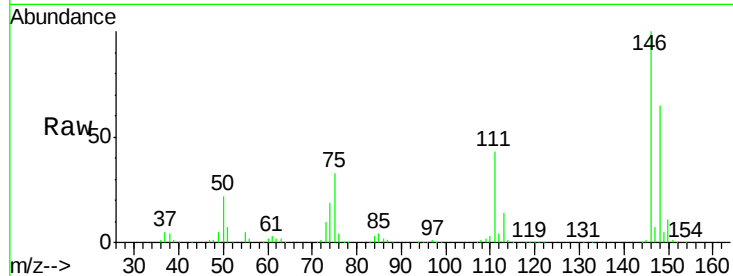
#13
 1,4-Dichlorobenzene
 Concen: 41.502 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
111	43.4	34.7	52.1

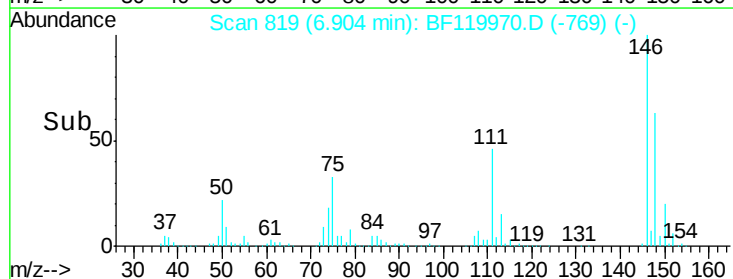
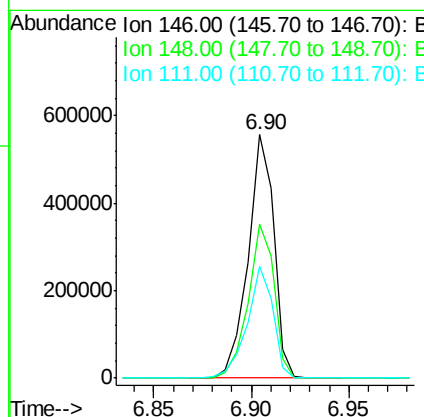
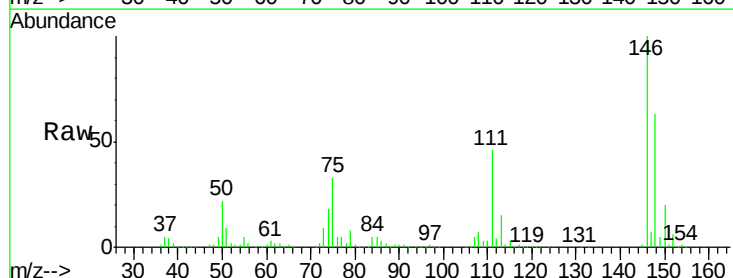
Manual Integrations
 APPROVED

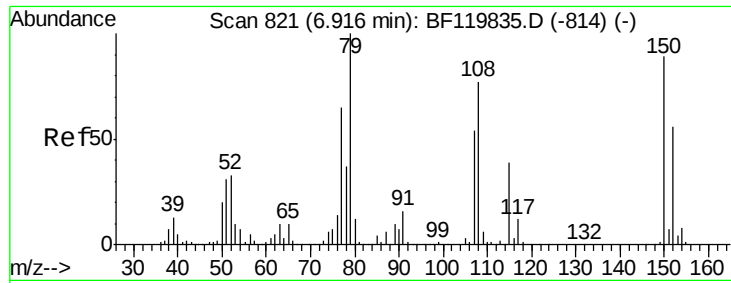
mohammad
 4/16/2020 12:51:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.974 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
111	45.8	38.0	57.0





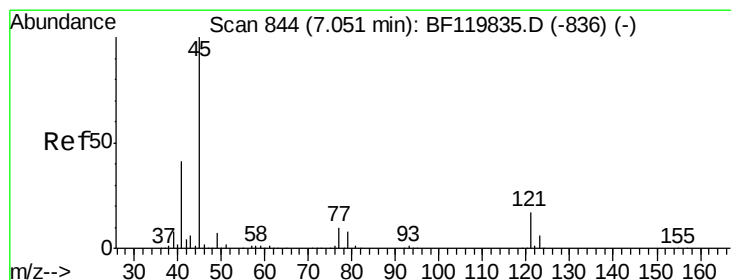
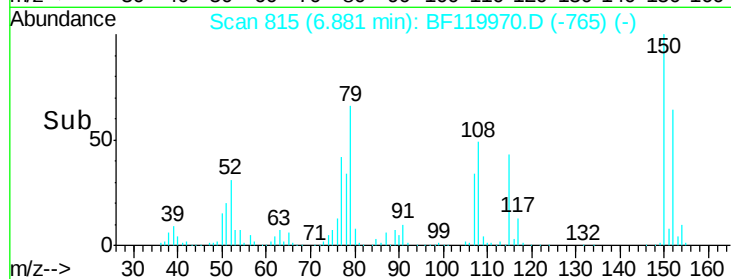
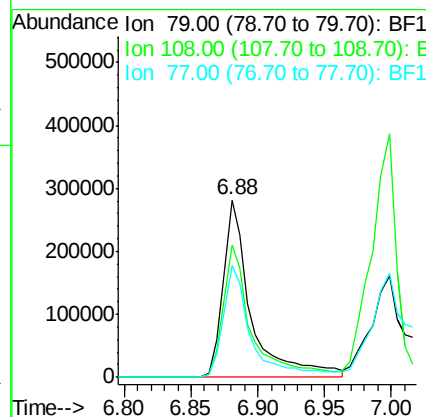
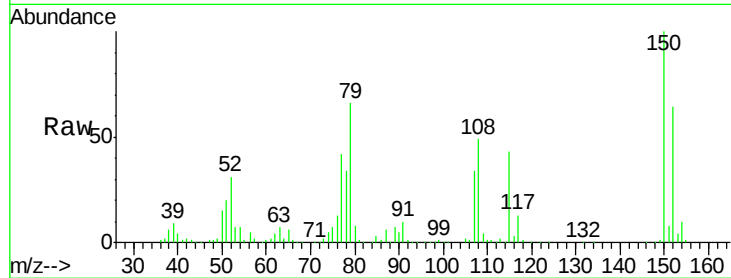
#15
Benzyl Alcohol
Concen: 39.444 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampled :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	62.0	93.0
77	63.2	51.8	77.6

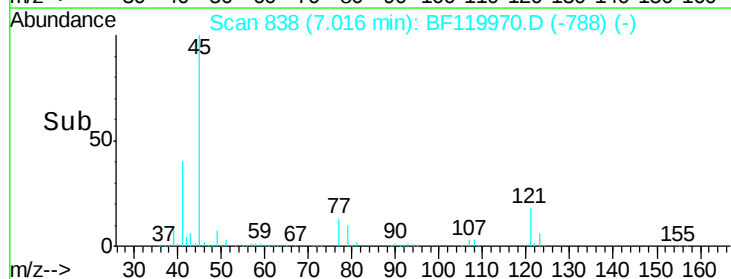
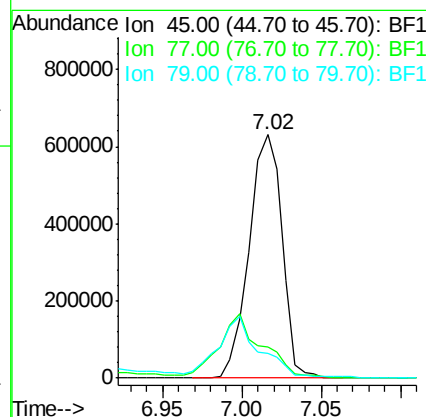
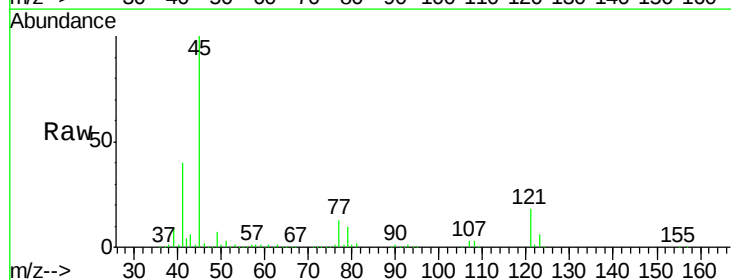
Manual Integrations
APPROVED

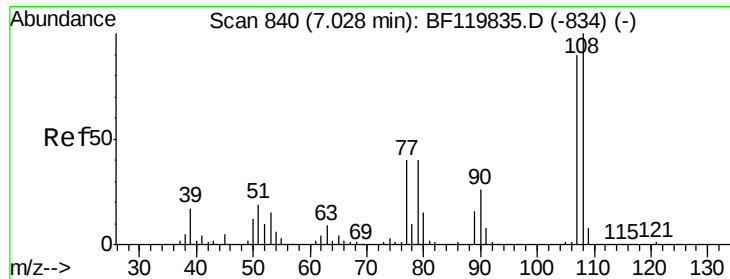
mohammad
4/16/2020 12:51:34 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.320 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.7
79	10.1	0.0	28.6





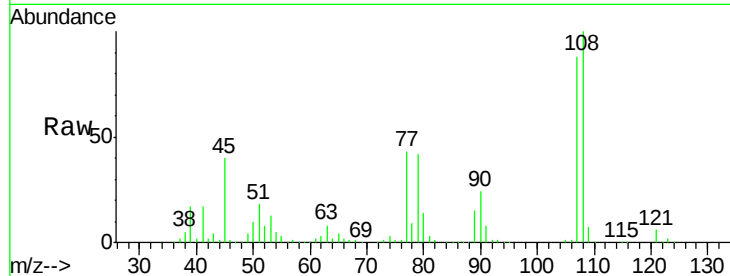
#17
2-Methylphenol
Concen: 43.339 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	88.8	133.2
77	48.5	36.0	54.0
79	47.3	35.7	53.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



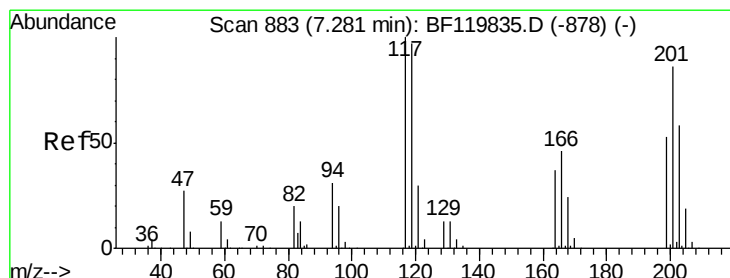
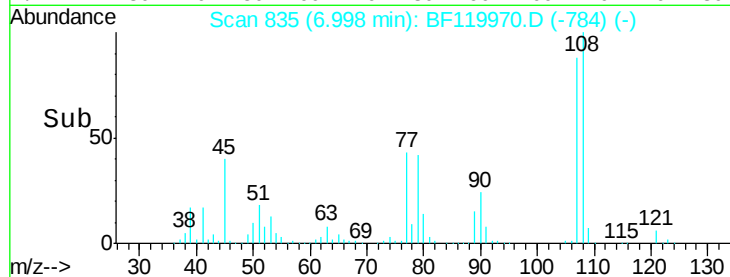
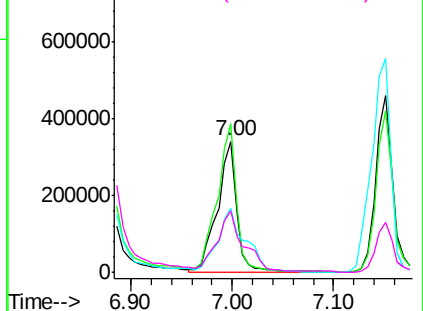
Abundance

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: 42.339 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

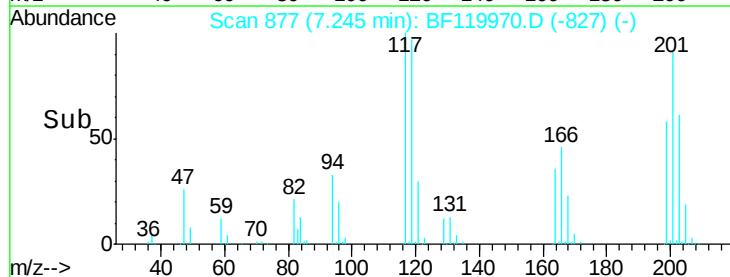
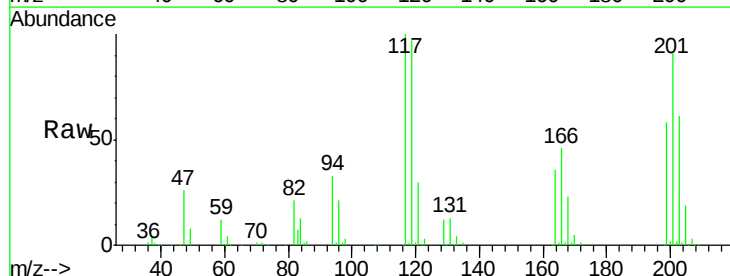
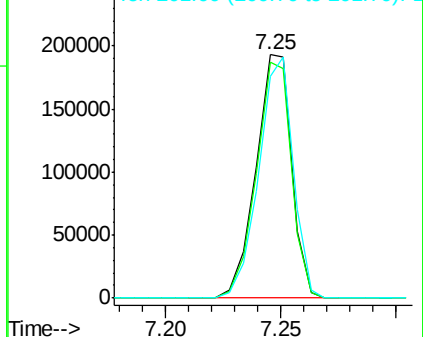
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	91.1	68.4	102.6

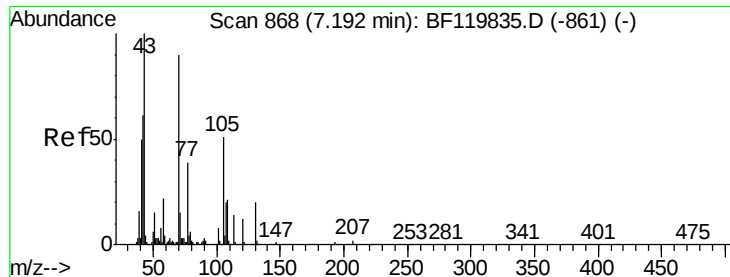
Abundance

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





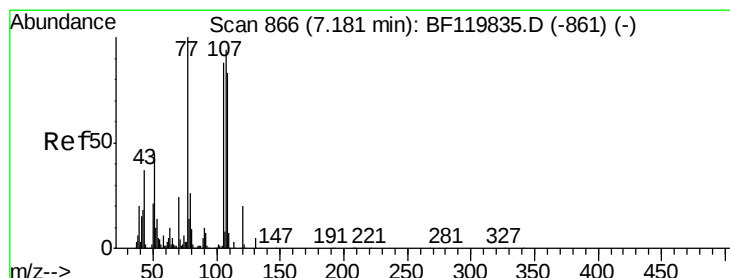
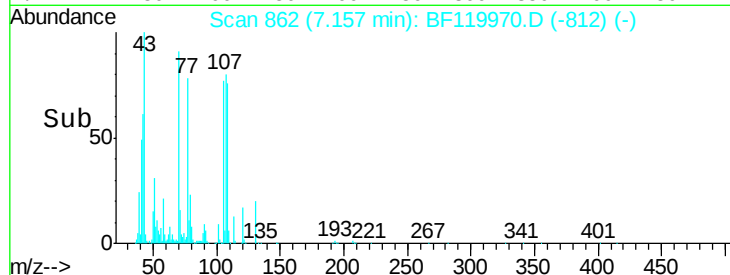
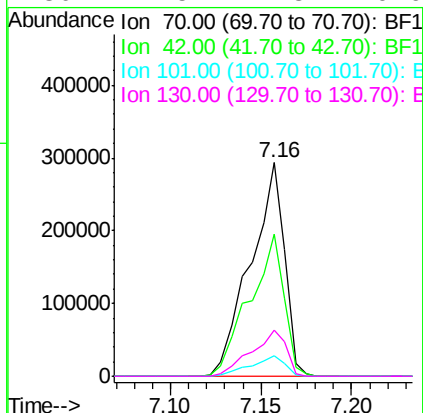
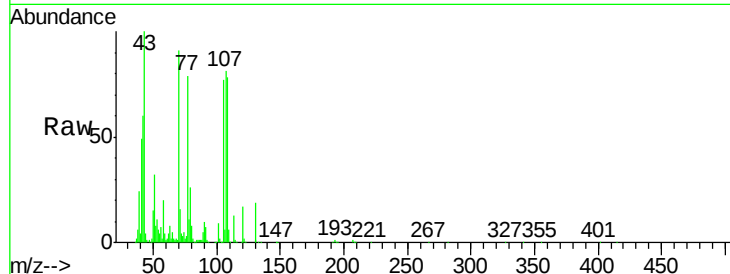
#19
n-Nitroso-di-n-propylamine
Concen: 43.797 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.6	54.2	81.4	
101	9.8	7.4	11.2	
130	21.5	17.8	26.6	

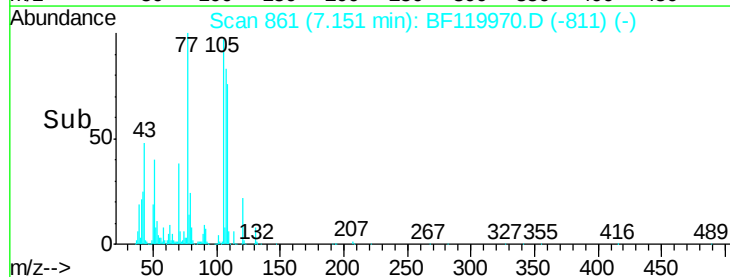
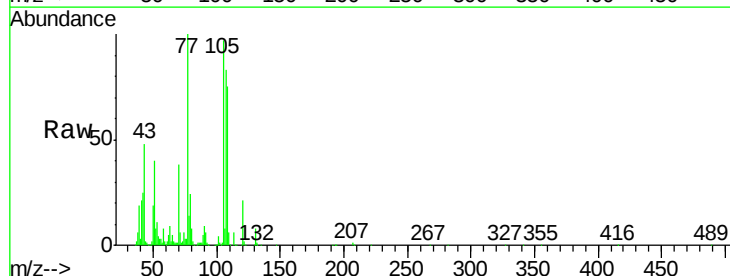
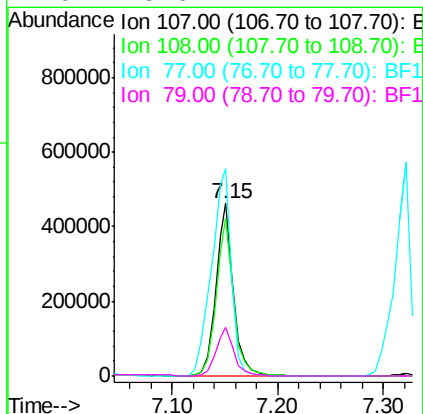
Manual Integrations
APPROVED

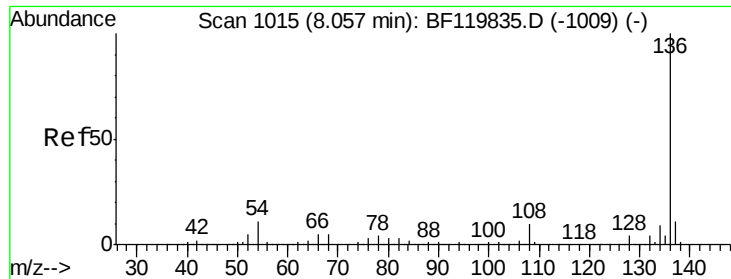
mohammad
4/16/2020 12:51:34 PM



#20
3+4-Methylphenols
Concen: 41.491 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	68.2	108.2	
77	120.7	86.6	126.6	
79	28.6	7.7	47.7	





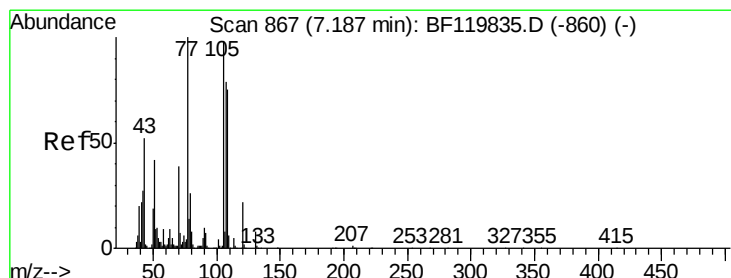
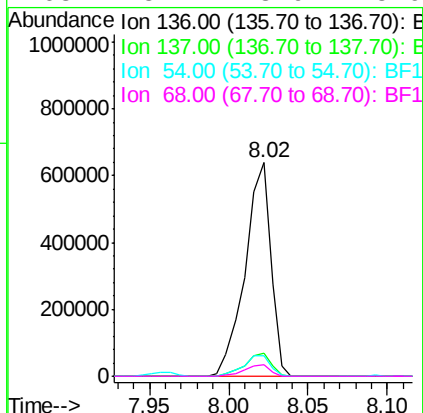
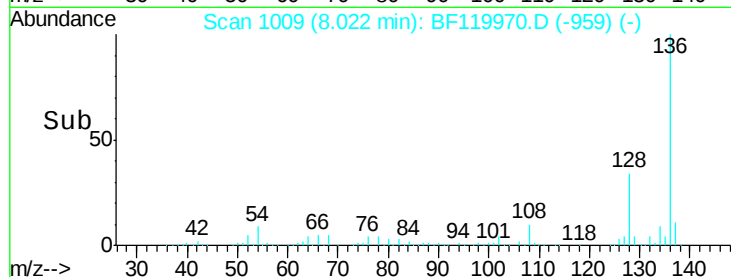
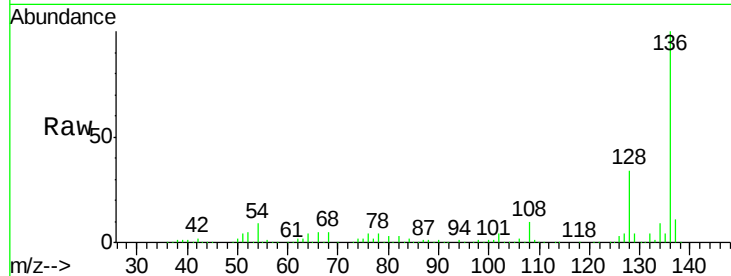
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	717695		
137	11.0		8.7	13.1
54	9.3		8.5	12.7
68	5.2		3.9	5.9

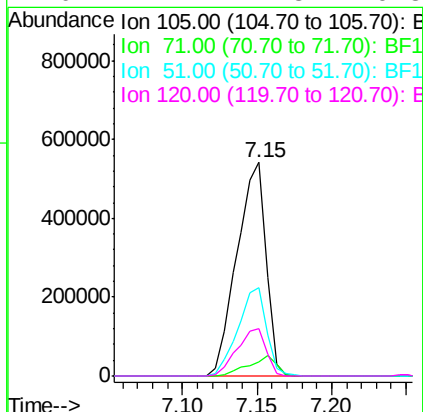
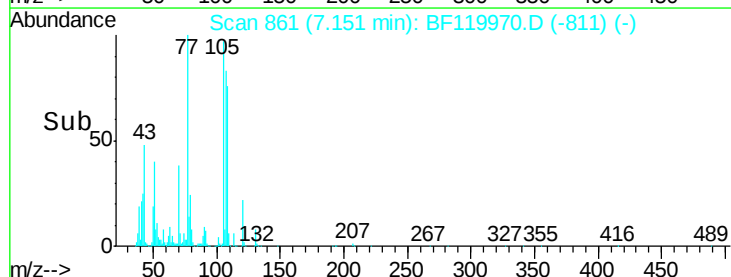
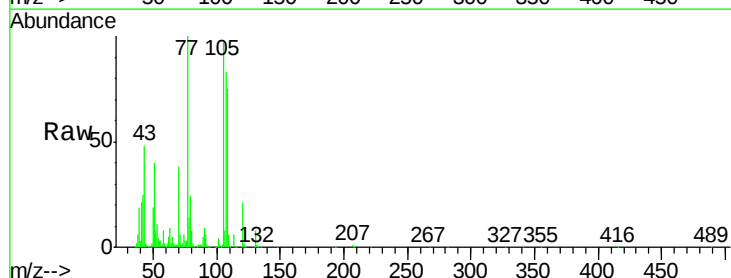
Manual Integrations
APPROVED

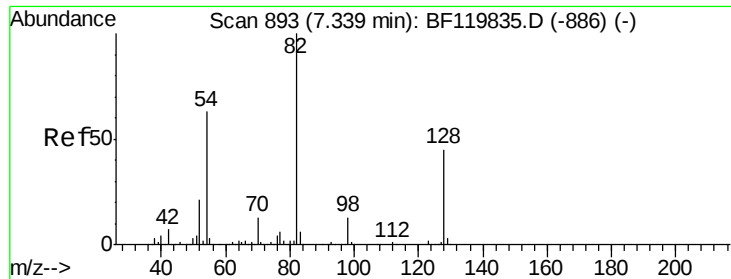
mohammad
4/16/2020 12:51:34 PM



#22
Acetophenone
Concen: 43.862 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	737148		
71	6.6		5.6	8.4
51	41.1		33.9	50.9
120	22.1		17.8	26.8





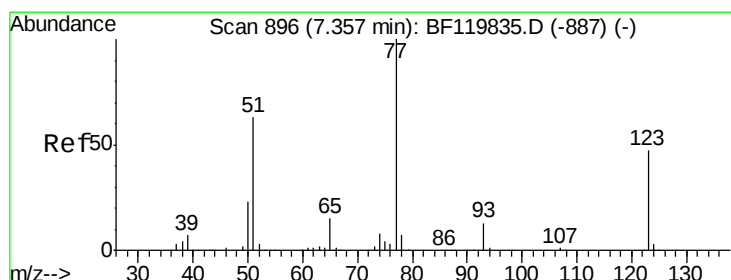
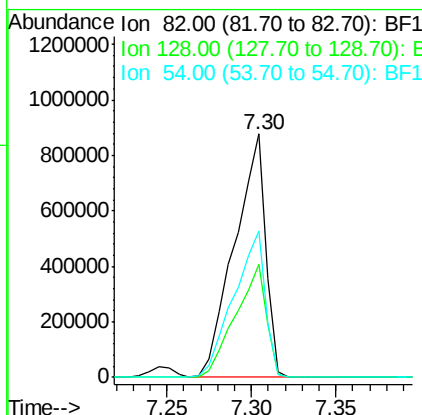
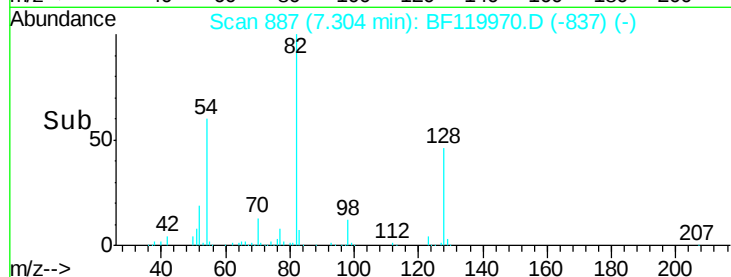
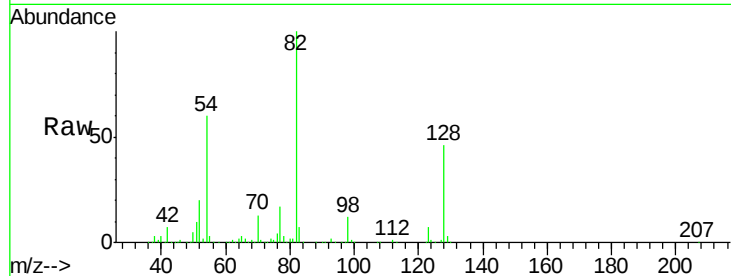
#23
Nitrobenzene-d5
Concen: 81.539 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion: 82 Resp: 1131176
Ion Ratio Lower Upper
82 100
128 46.4 36.2 54.4
54 60.1 50.4 75.6

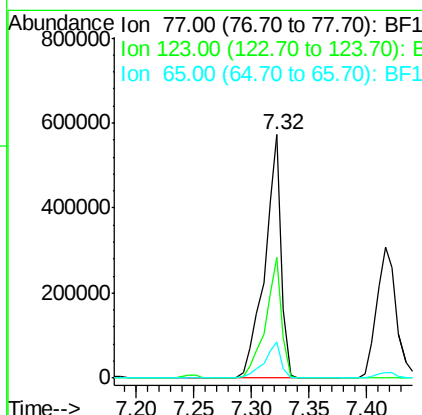
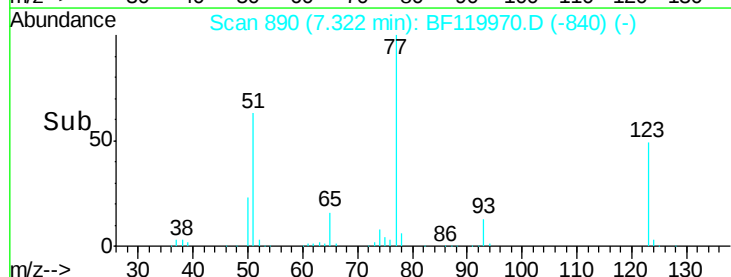
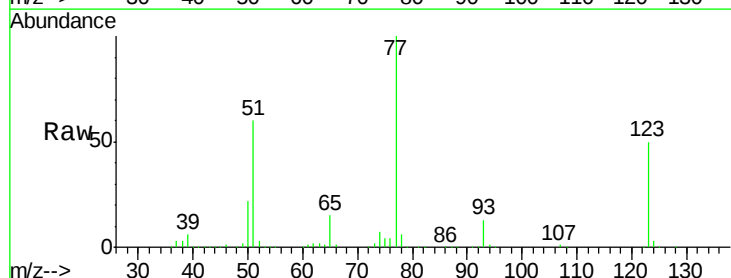
Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#24
Nitrobenzene
Concen: 41.065 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion: 77 Resp: 573088
Ion Ratio Lower Upper
77 100
123 49.6 37.8 56.8
65 15.1 12.2 18.2





#25

Isophorone

Concen: 40.211 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion: 82 Resp: 1075359

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

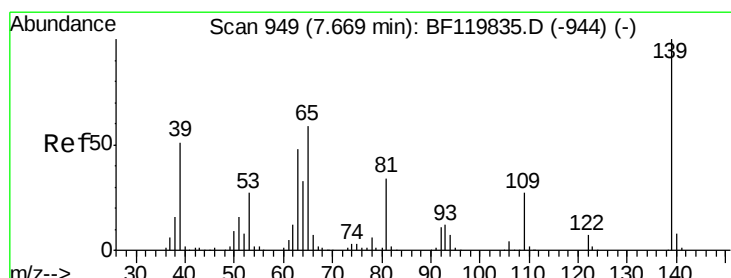
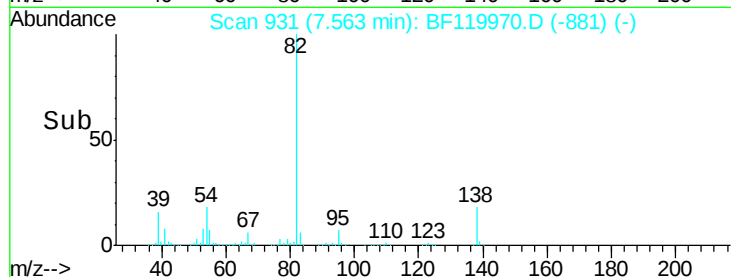
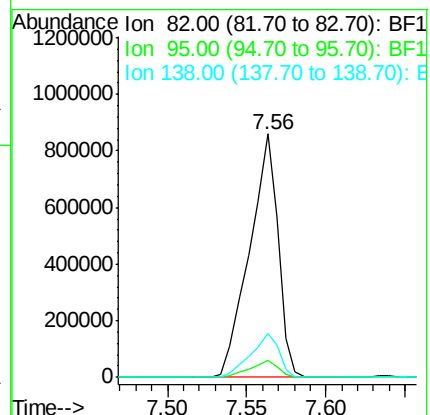
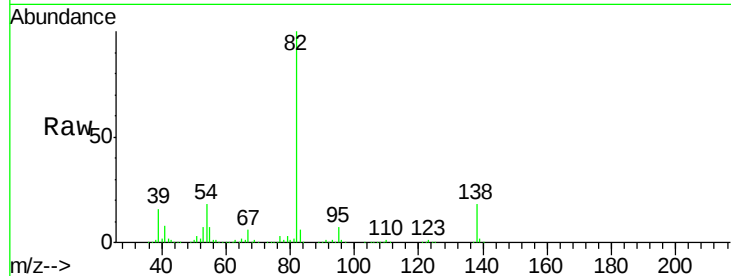
138 18.0 14.5 21.7

Manual Integrations

APPROVED

mohammad

4/16/2020 12:51:34 PM



#26

2-Nitrophenol

Concen: 42.683 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

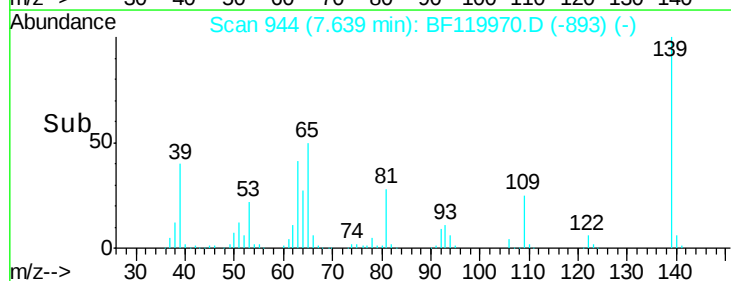
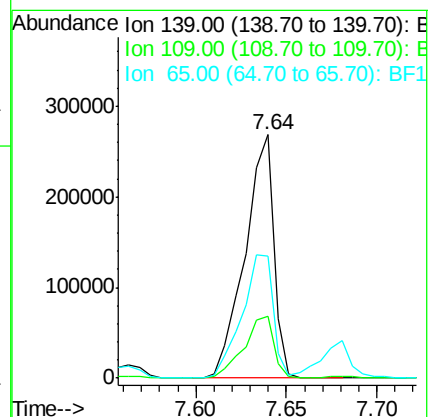
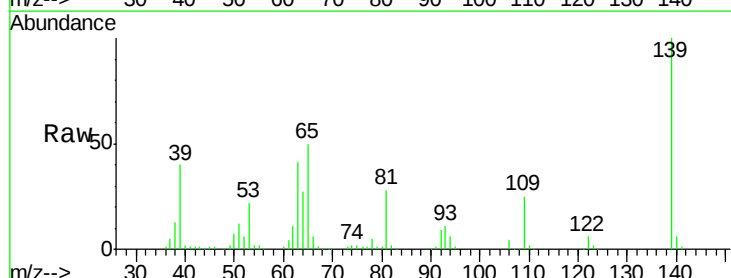
Tgt Ion: 139 Resp: 297597

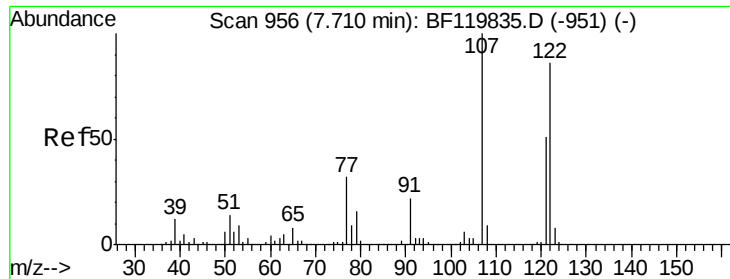
Ion Ratio Lower Upper

139 100

109 25.3 21.8 32.6

65 50.4 47.0 70.4





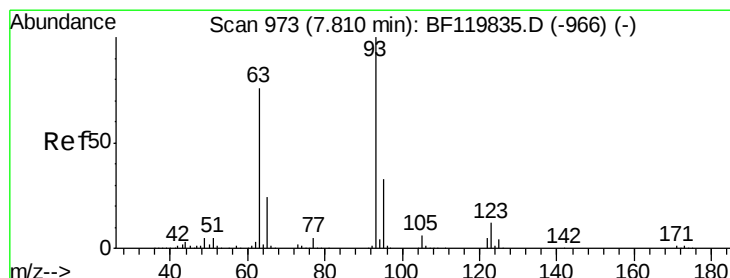
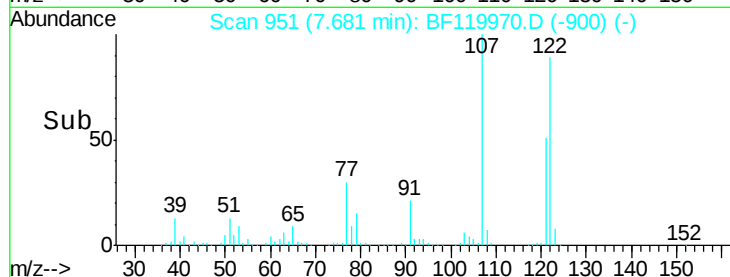
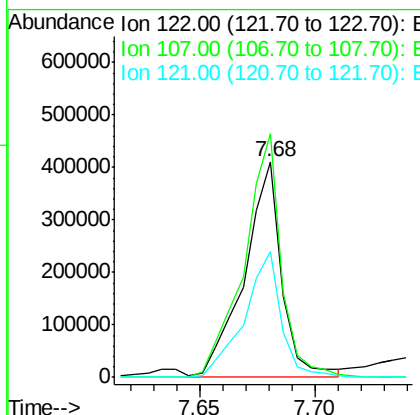
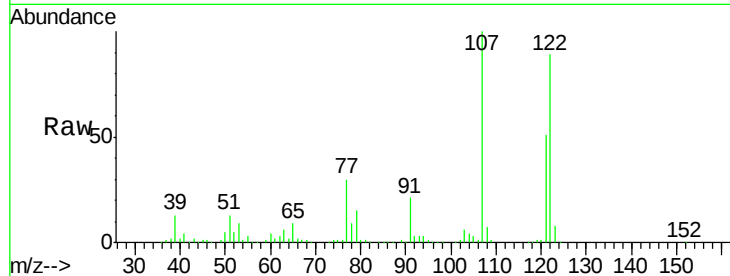
#27
 2,4-Dimethylphenol
 Concen: 44.138 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	92.3	138.5
121	58.1	46.6	70.0

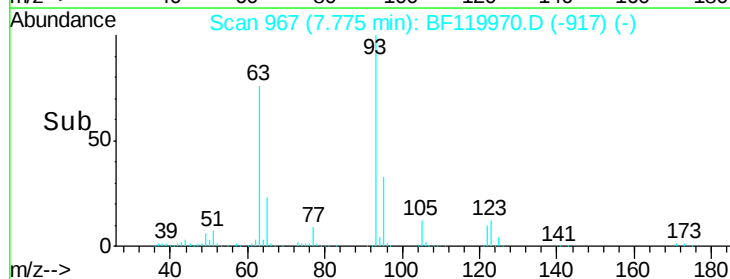
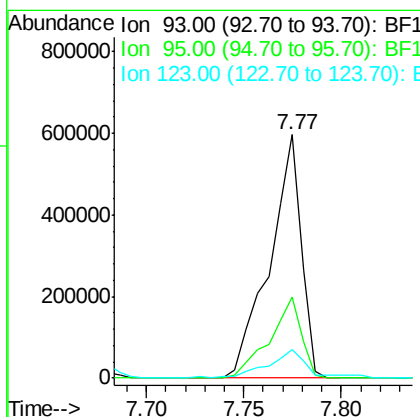
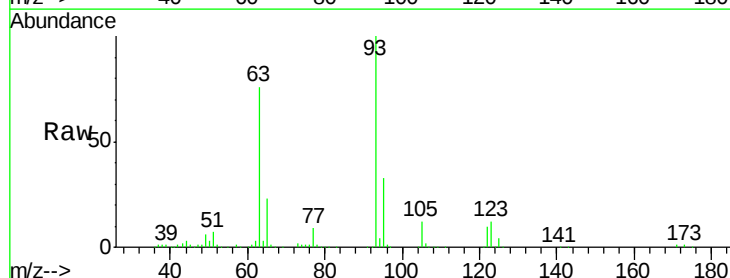
Manual Integrations
 APPROVED

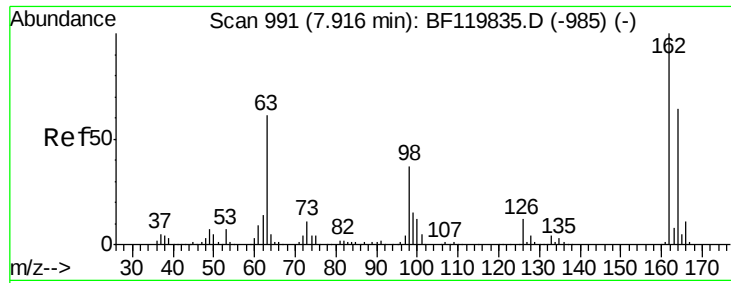
mohammad
 4/16/2020 12:51:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.854 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	11.7	9.7	14.5





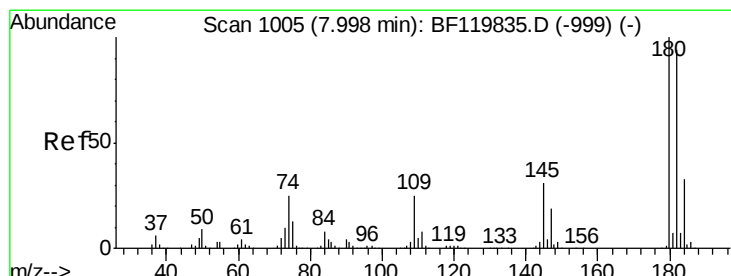
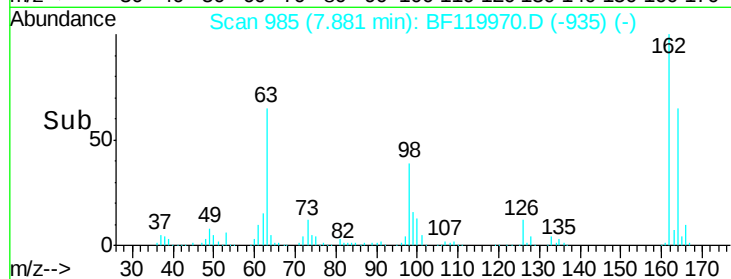
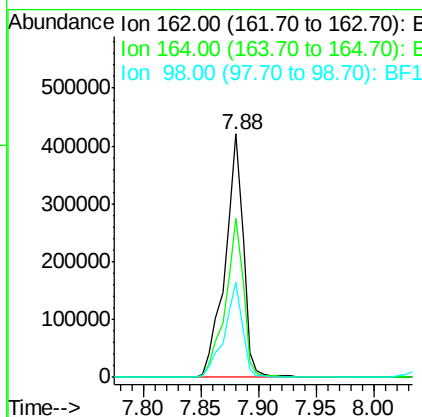
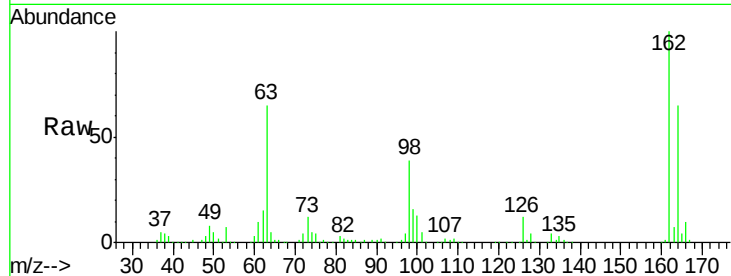
#29
 2,4-Dichlorophenol
 Concen: 42.782 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion:	162	Resp:	461127
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.4	84.4
98	39.2	17.3	57.3

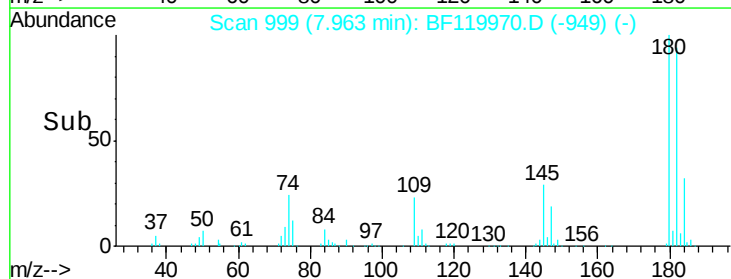
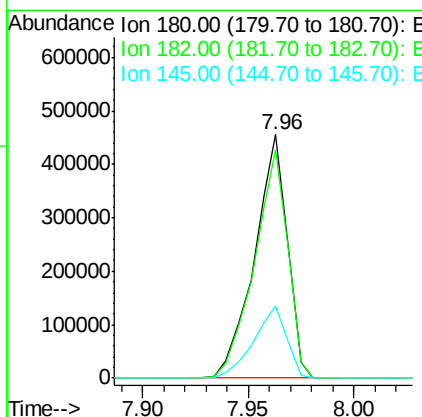
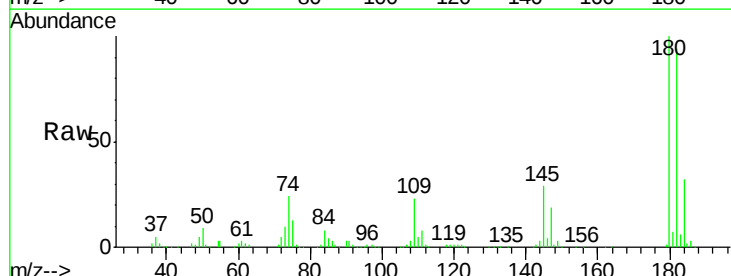
Manual Integrations
 APPROVED

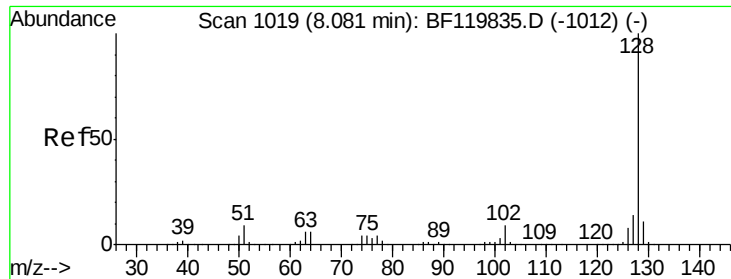
mohammad
 4/16/2020 12:51:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.252 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:	180	Resp:	491595
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.4	113.0
145	29.4	24.6	37.0





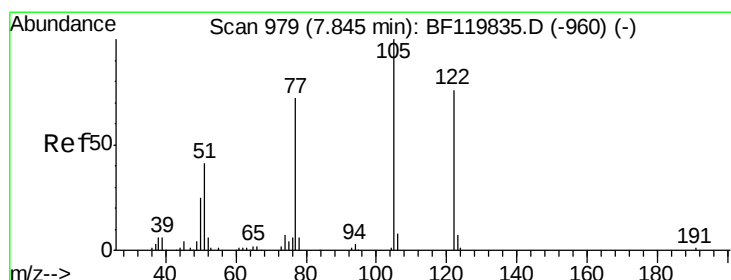
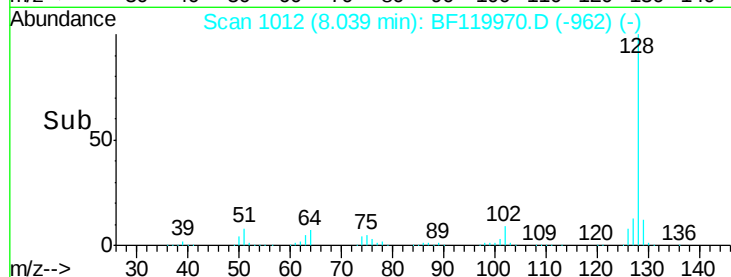
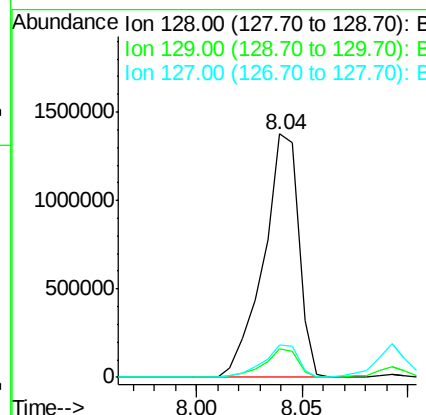
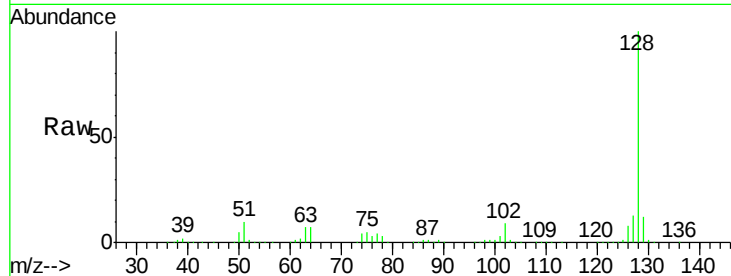
#31
Naphthalene
Concen: 42.279 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:128 Resp: 1596453
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.5 11.0 16.4

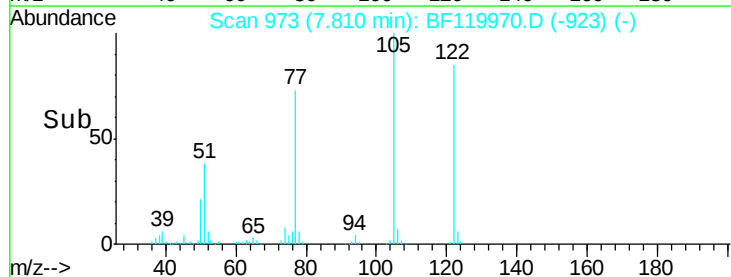
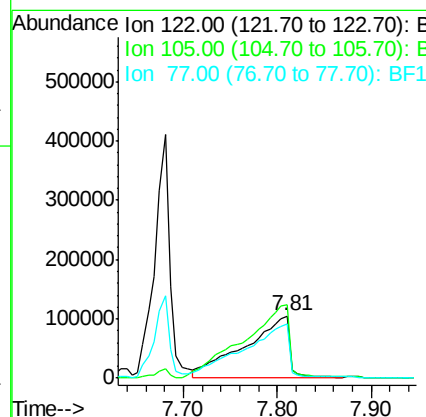
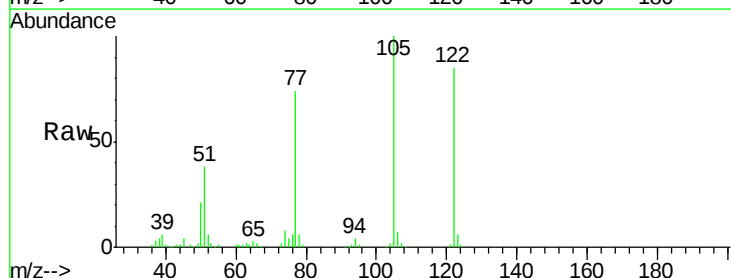
Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#32
Benzoic acid
Concen: 36.575 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:122 Resp: 337778
Ion Ratio Lower Upper
122 100
105 118.0 106.7 146.7
77 87.2 72.1 112.1





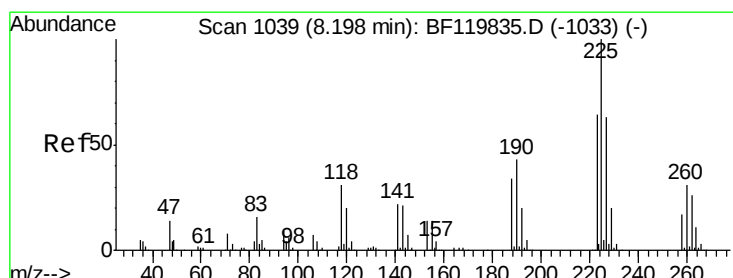
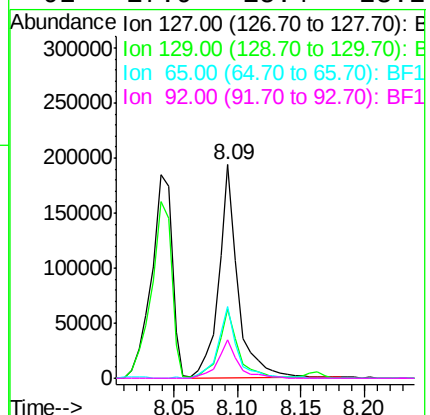
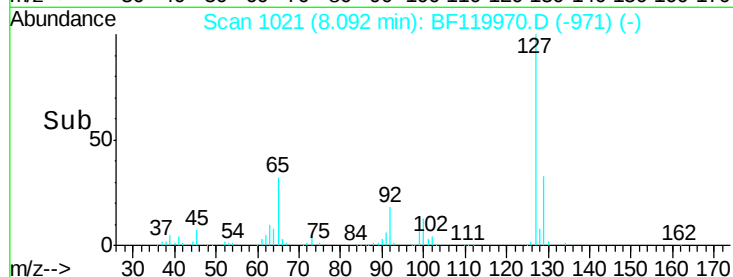
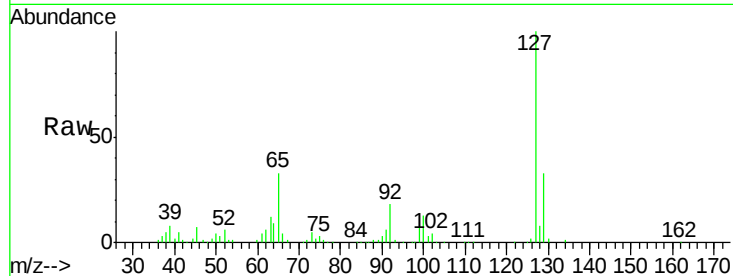
#33
4-Chloroaniline
Concen: 12.460 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7		26.2	39.2	
65	33.4		28.3	42.5	
92	17.9		15.4	23.2	

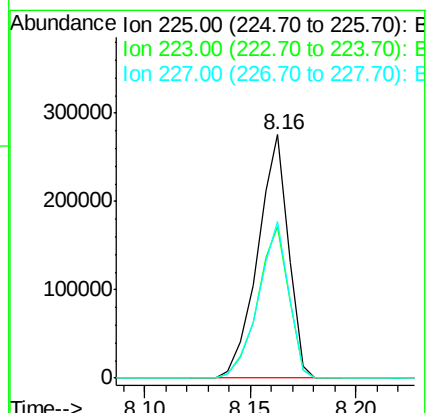
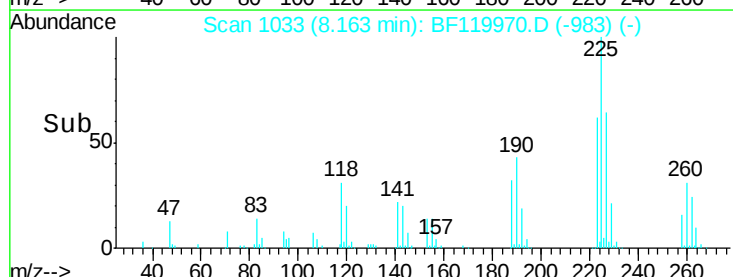
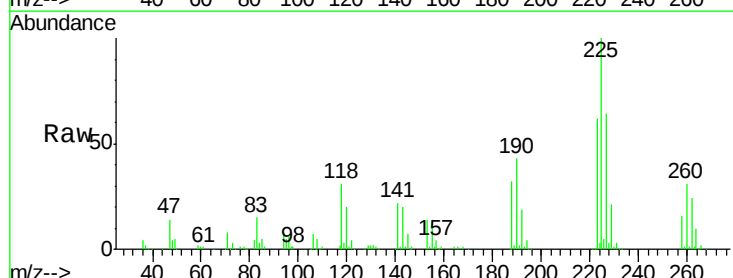
Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#34
Hexachlorobutadiene
Concen: 38.050 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3		51.0	76.6	
227	64.3		50.4	75.6	





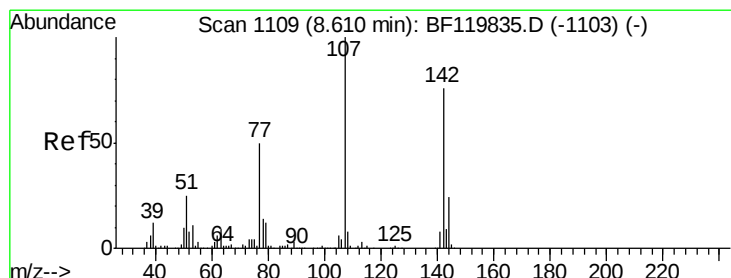
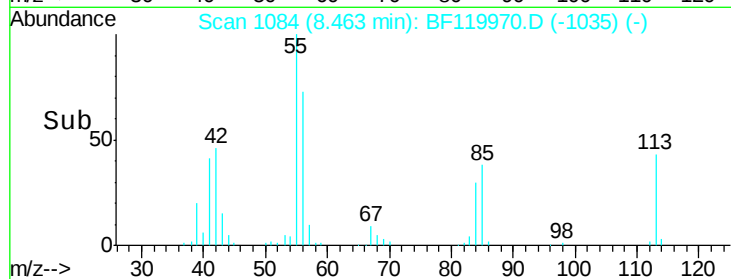
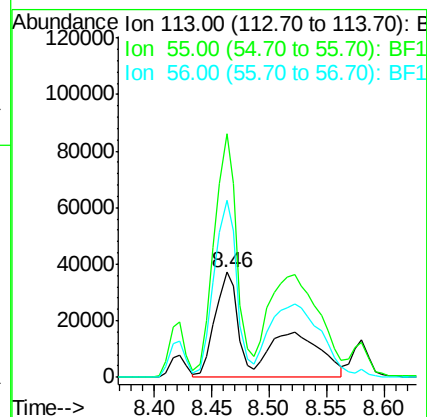
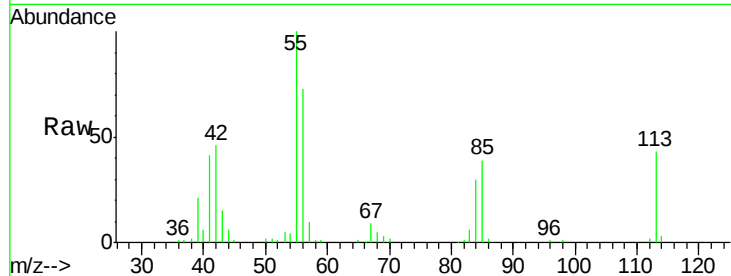
#35
Caprolactam
Concen: 30.577 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	231.3	192.7	232.7
56	168.3	133.3	173.3

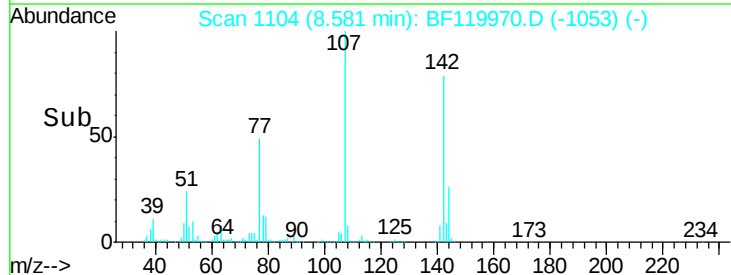
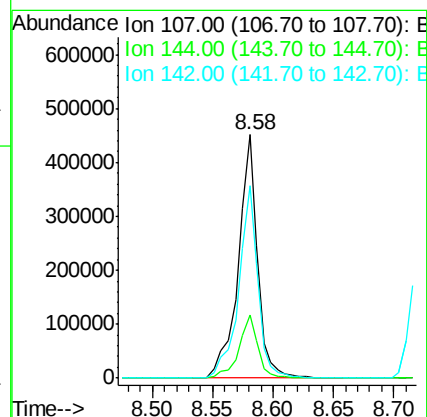
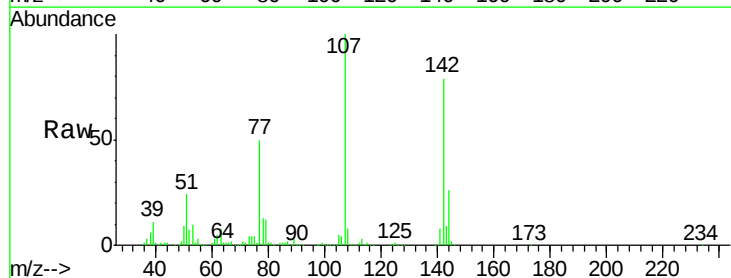
Manual Integrations
APPROVED

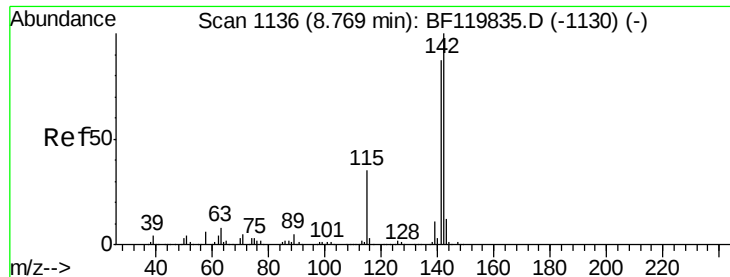
mohammad
4/16/2020 12:51:34 PM



#36
4-Chloro-3-methylphenol
Concen: 43.233 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	19.5	29.3
142	79.2	60.5	90.7





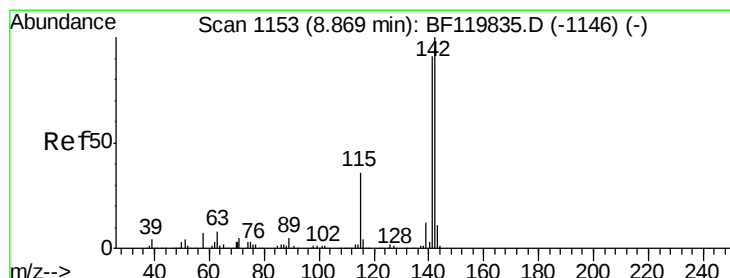
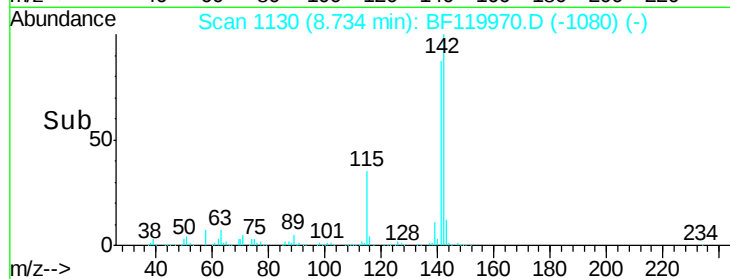
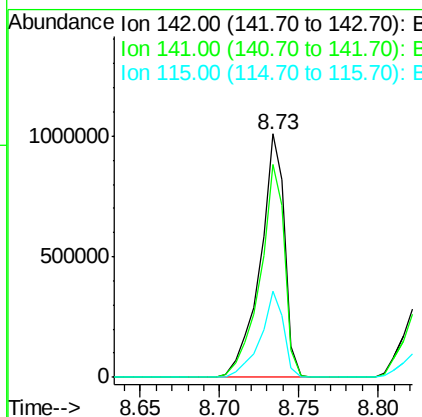
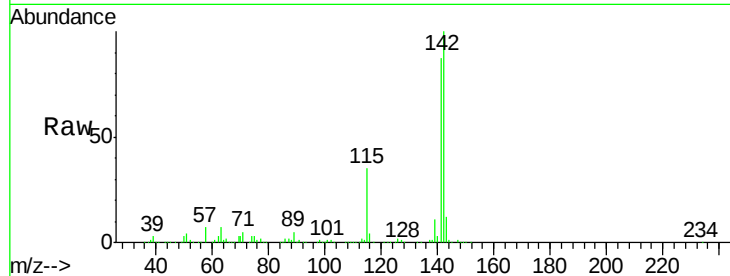
#37
2-Methylnaphthalene
Concen: 42.647 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.9	104.9
115	35.2	28.0	42.0

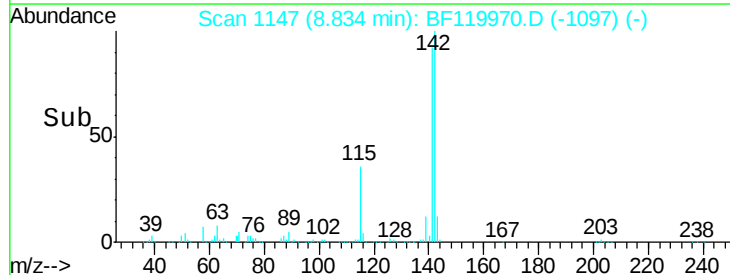
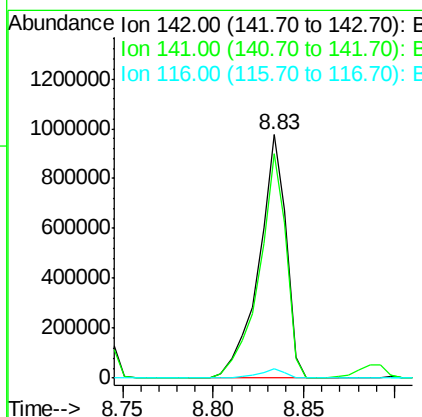
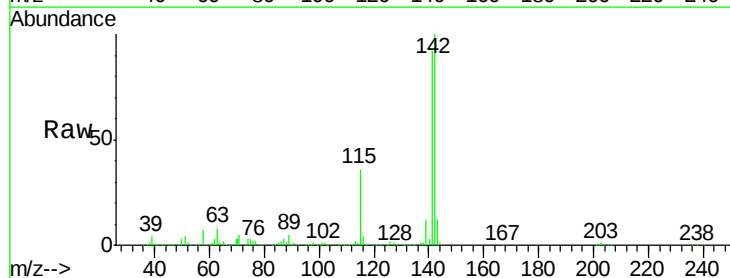
Manual Integrations
APPROVED

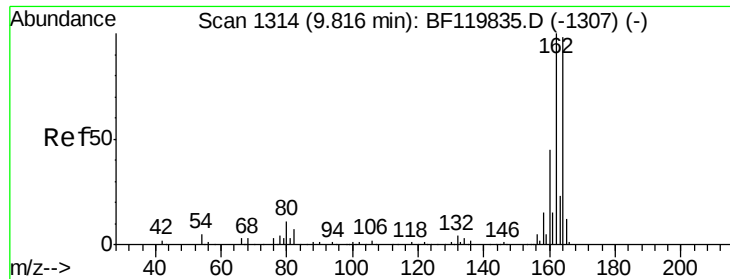
mohammad
4/16/2020 12:51:34 PM



#38
1-Methylnaphthalene
Concen: 42.275 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.9	109.3
116	3.9	3.0	4.6





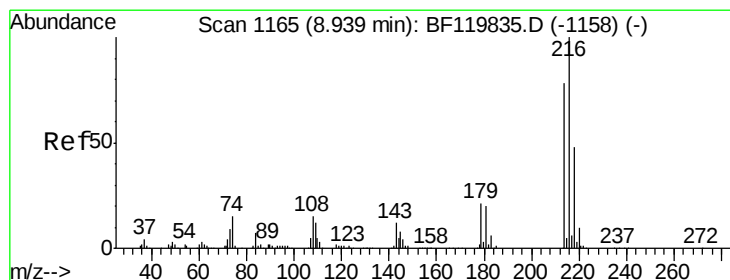
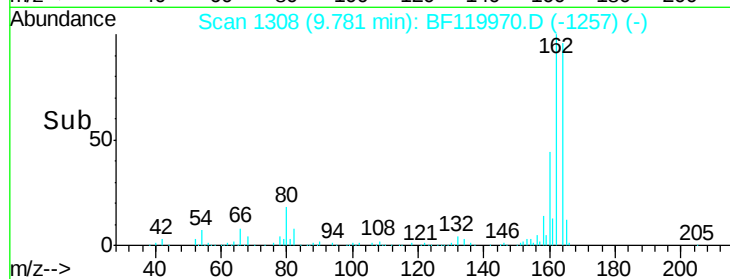
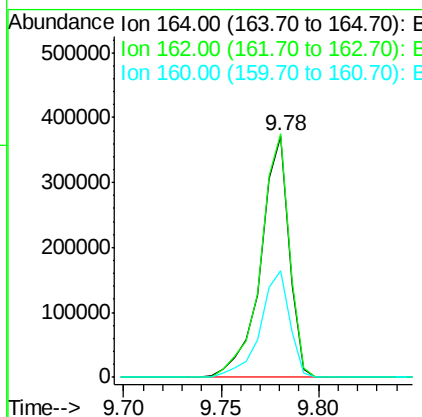
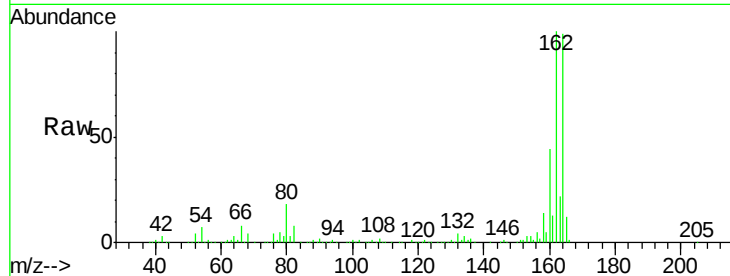
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.9	122.9	
160	44.3	36.6	54.8	

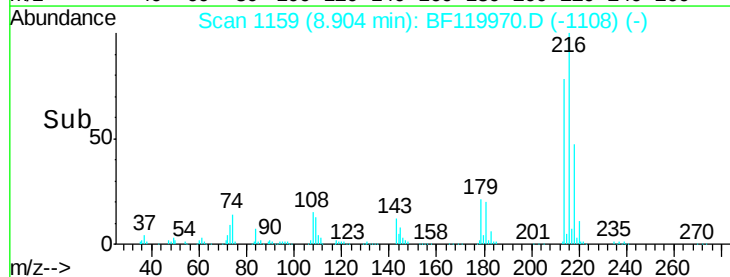
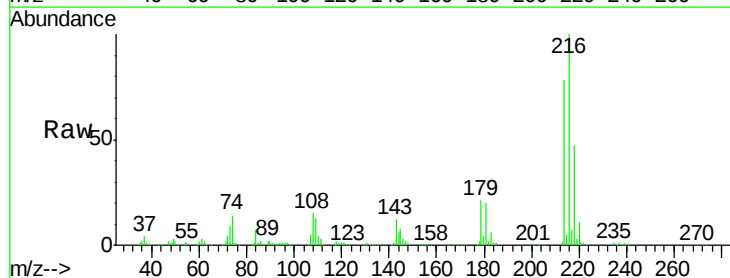
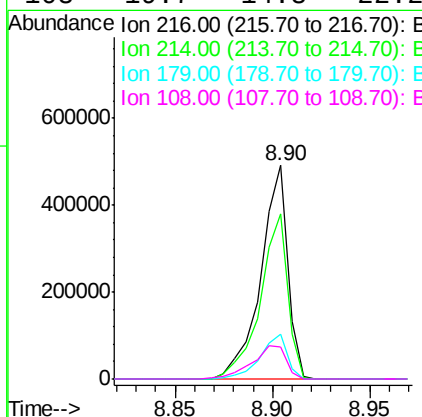
Manual Integrations
APPROVED

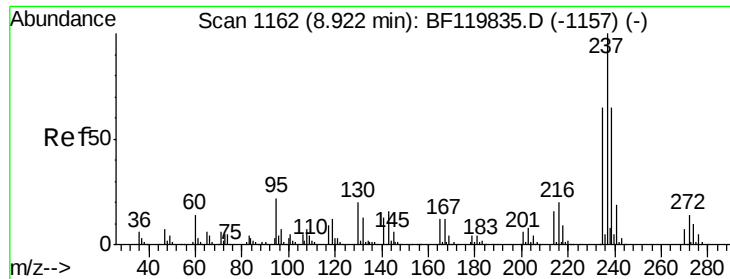
mohammad
4/16/2020 12:51:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.993 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.1	94.7	
179	21.1	17.0	25.4	
108	19.7	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 71.244 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

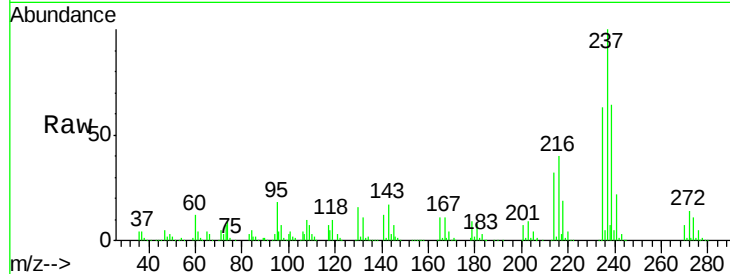
ClientSampleId :

VNJ-223MS

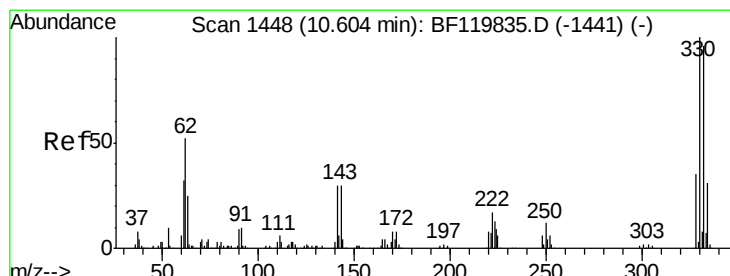
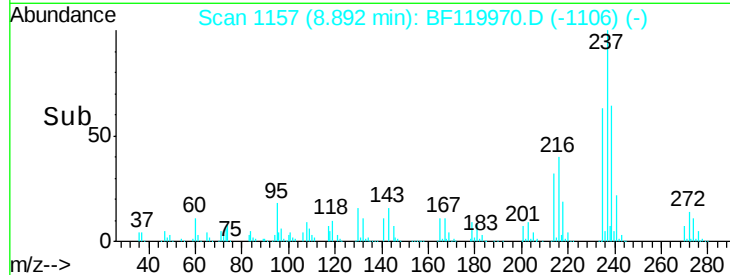
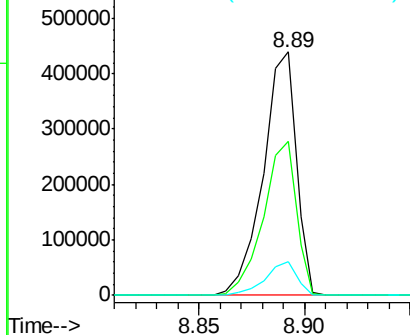
Tot Ion:	237	Resp:	479826
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.9	84.9
272	13.7	0.0	33.6

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 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: 110.795 ng

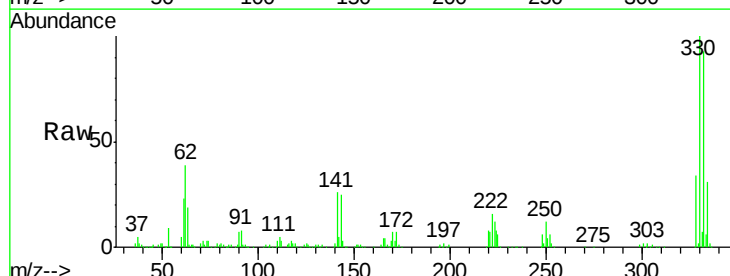
RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

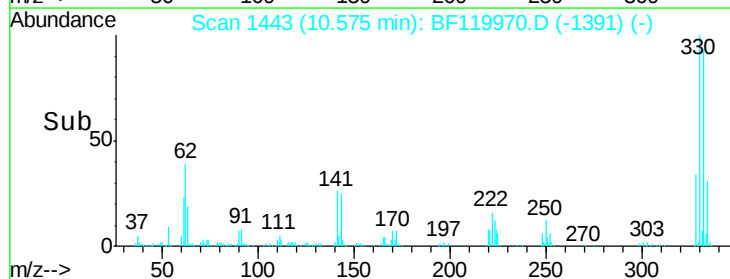
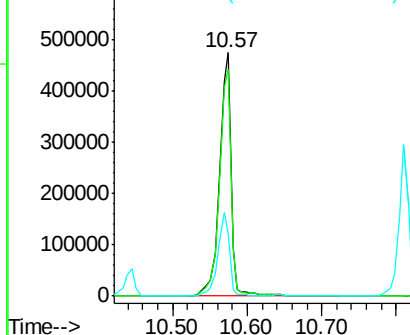
Lab File: BF119970.D

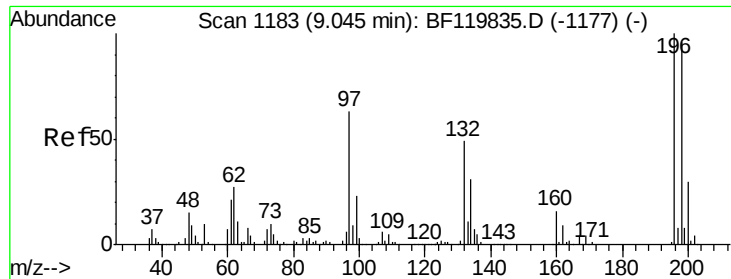
Acq: 14 Apr 2020 23:30

Tgt Ion:	330	Resp:	508691
Ion Ratio	Lower	Upper	
330	100		
332	94.3	76.8	115.2
141	34.3	25.1	37.7



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





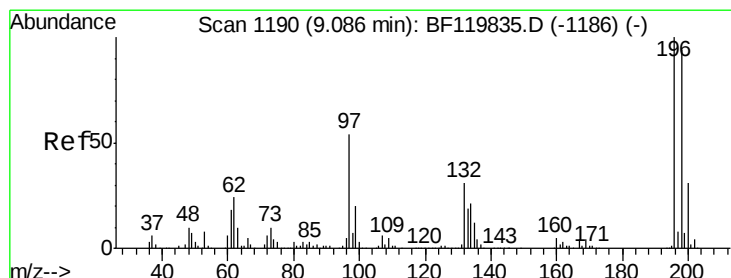
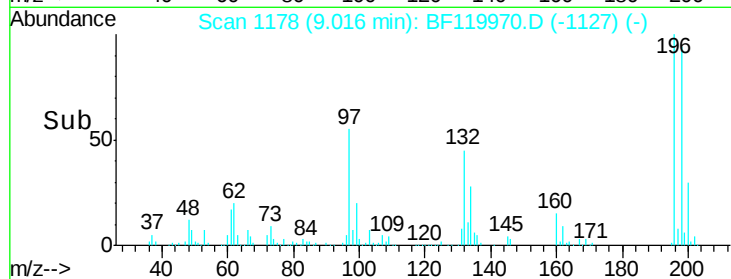
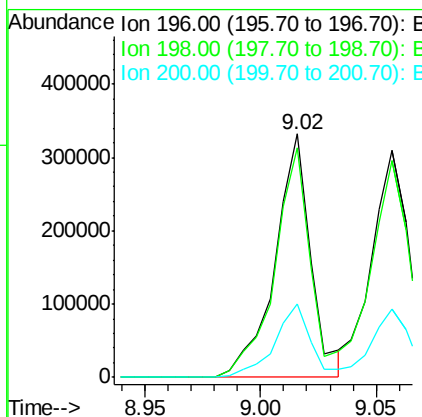
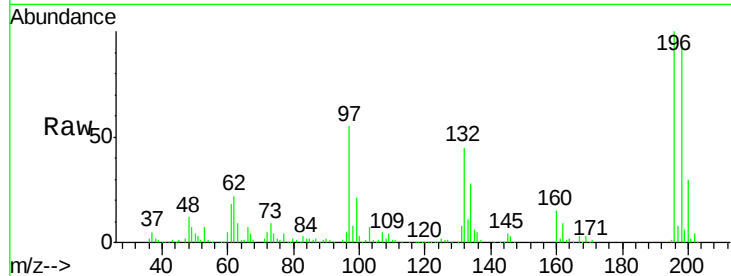
#43
 2,4,6-Trichlorophenol
 Concen: 43.546 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	356160		
198	94.5	76.6	115.0	
200	30.0	24.2	36.2	

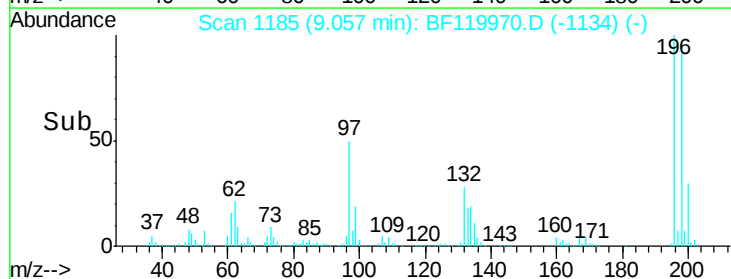
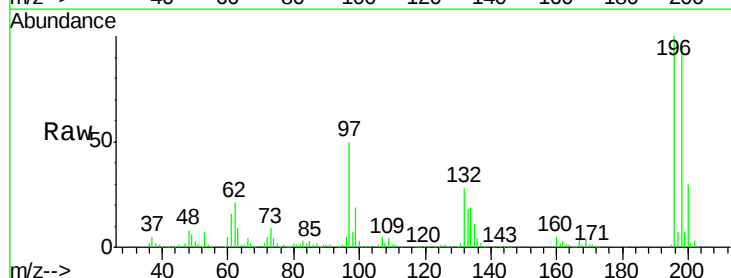
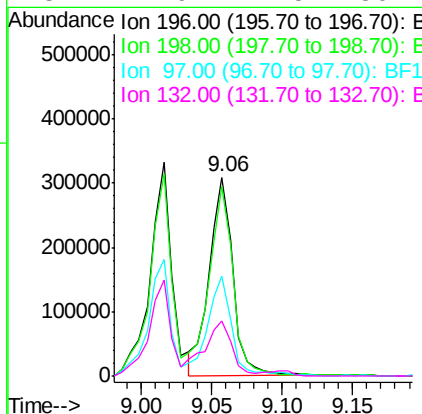
Manual Integrations
 APPROVED

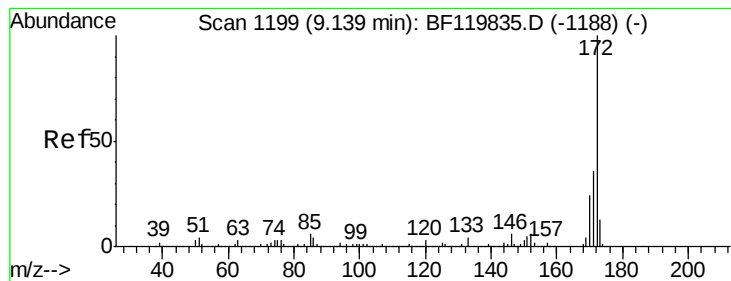
mohammad
 4/16/2020 12:51:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.887 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	358217		
198	95.6	75.1	112.7	
97	50.3	43.4	65.2	
132	27.9	24.5	36.7	





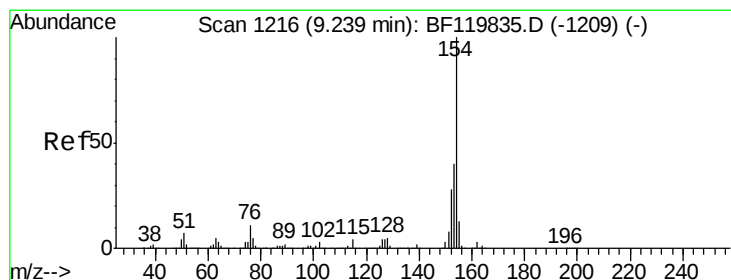
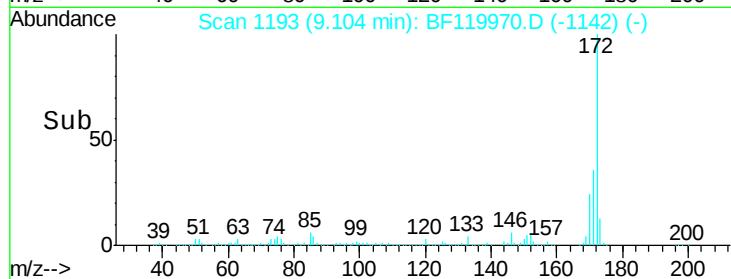
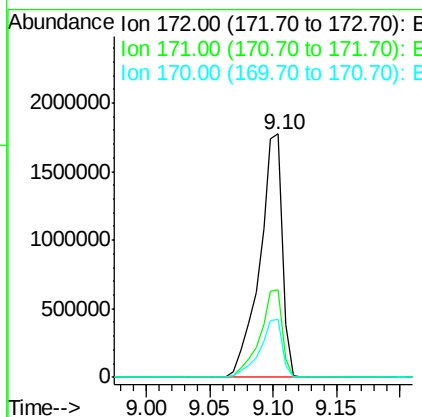
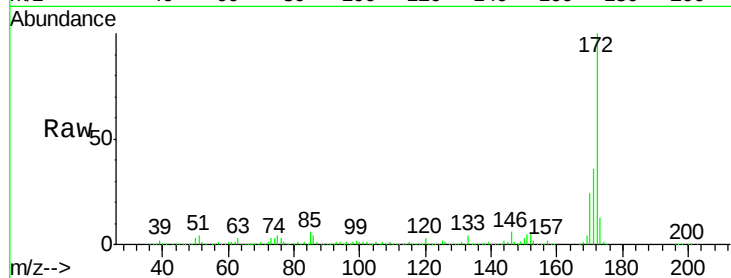
#45
2-Fluorobiphenyl
Concen: 83.562 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.8	19.4	29.2

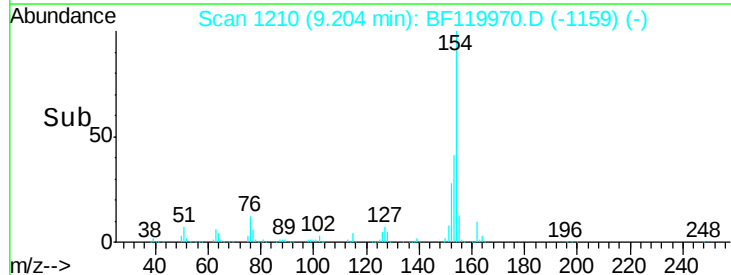
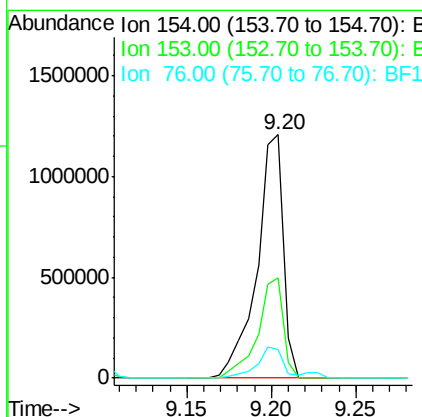
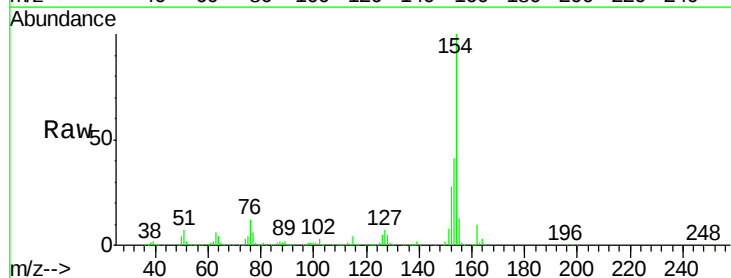
Manual Integrations
APPROVED

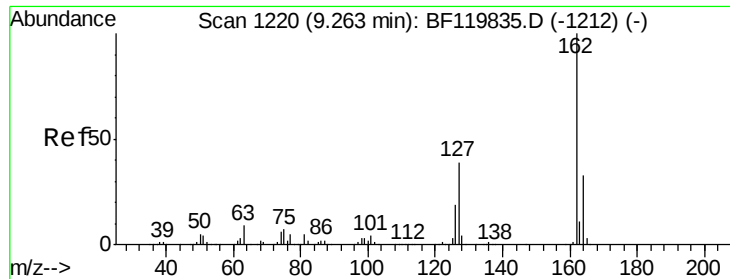
mohammad
4/16/2020 12:51:34 PM



#46
1,1'-Biphenyl
Concen: 41.310 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.5	60.5
76	11.5	0.0	30.6





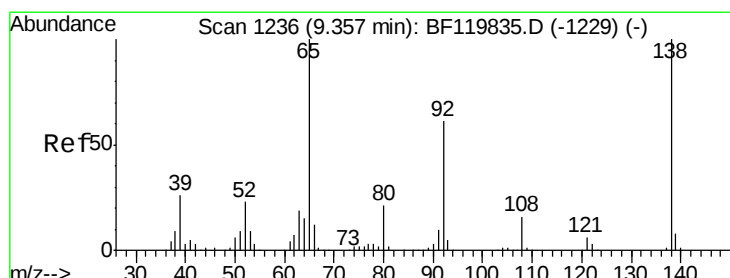
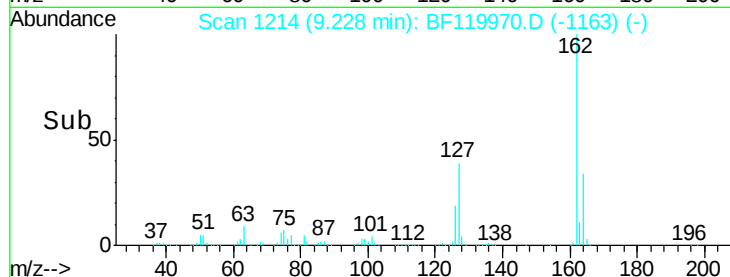
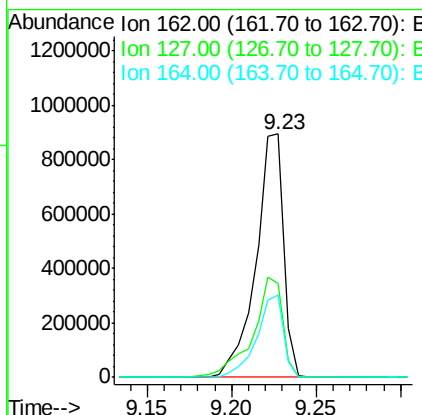
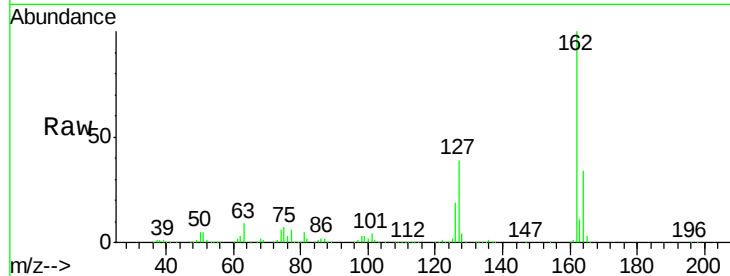
#47
2-Chloronaphthalene
Concen: 41.763 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampled :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.2	46.8
164	33.8	26.3	39.5

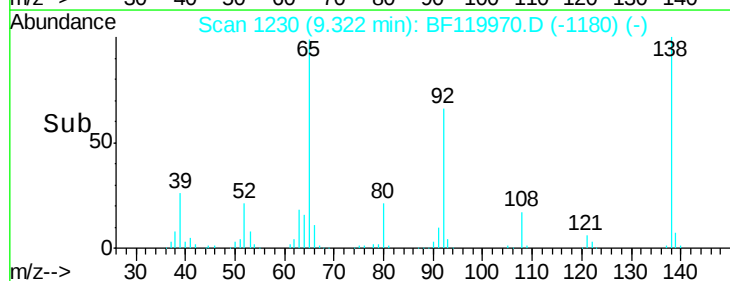
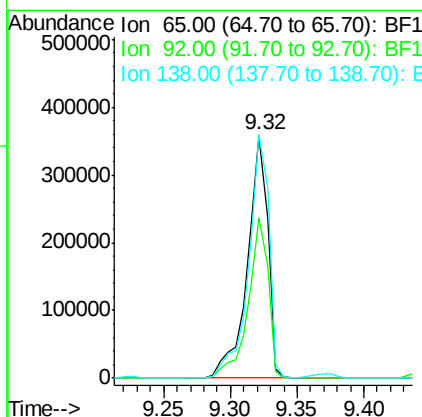
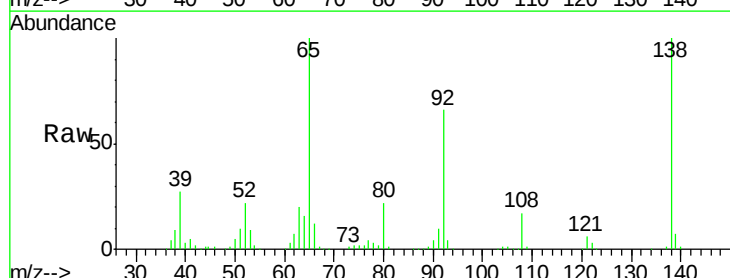
Manual Integrations
APPROVED

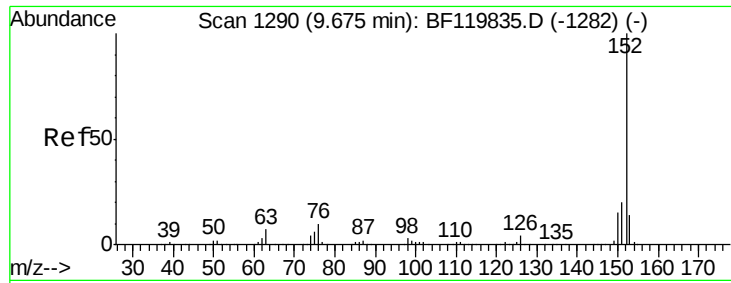
mohammad
4/16/2020 12:51:34 PM



#48
2-Nitroaniline
Concen: 42.240 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	49.0	73.6
138	100.2	79.7	119.5





#49

Acenaphthylene

Concen: 43.312 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion:152 Resp: 1606091

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

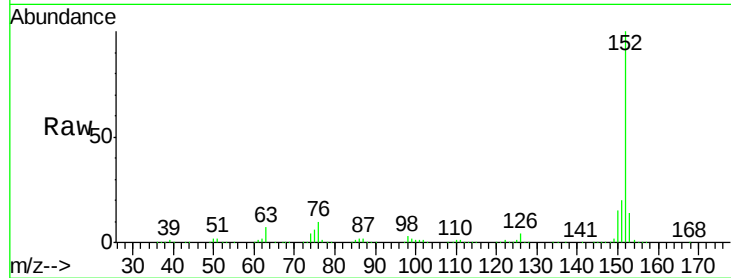
153 13.7 10.9 16.3

Manual Integrations

APPROVED

mohammad

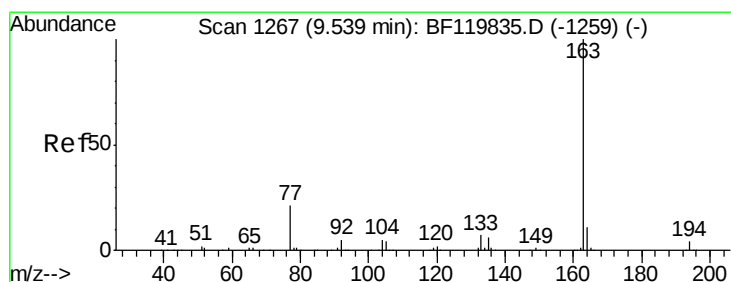
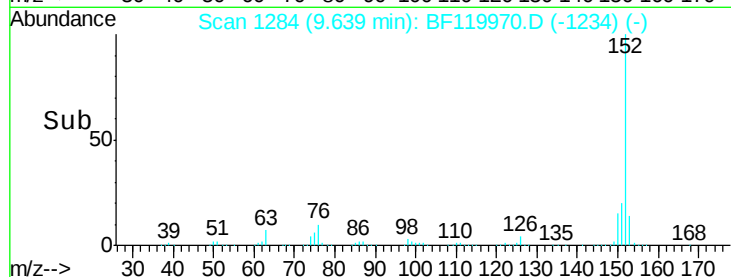
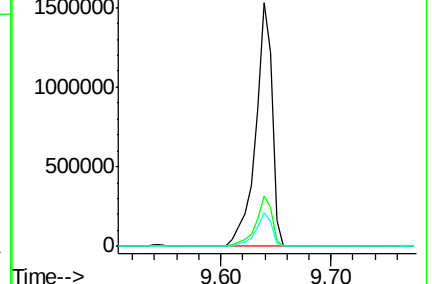
4/16/2020 12:51:34 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.819 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

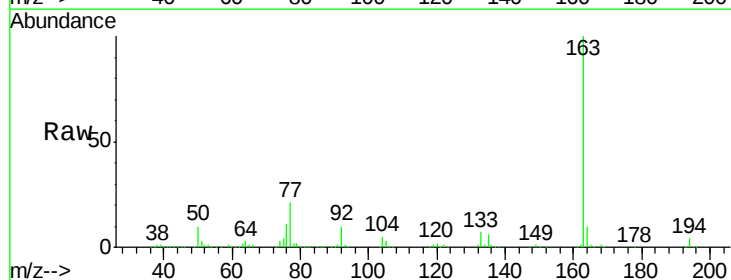
Tgt Ion:163 Resp: 1212993

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

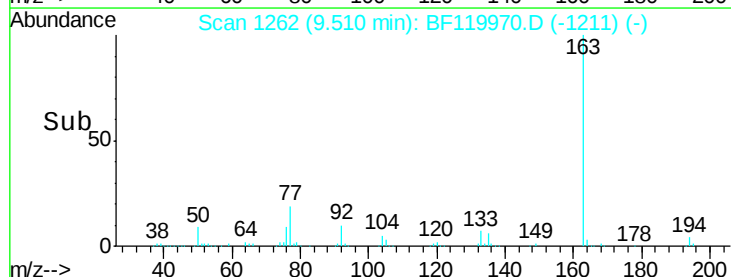
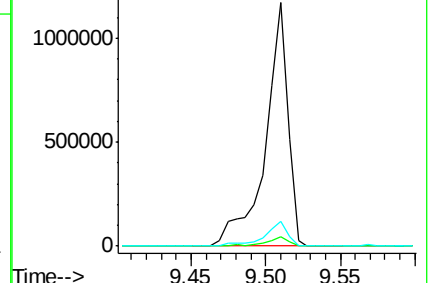
164 10.1 8.4 12.6

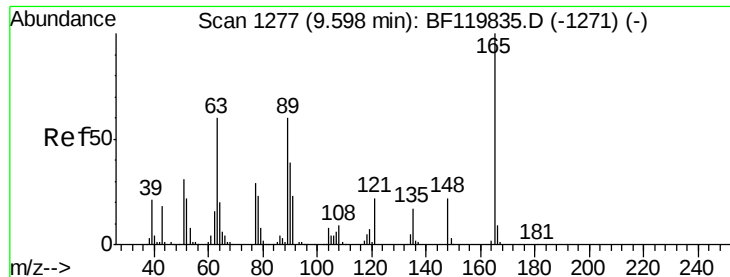


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





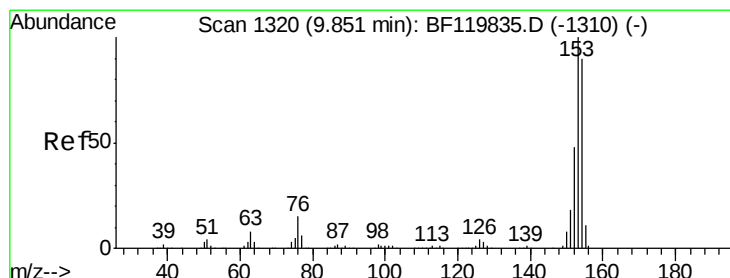
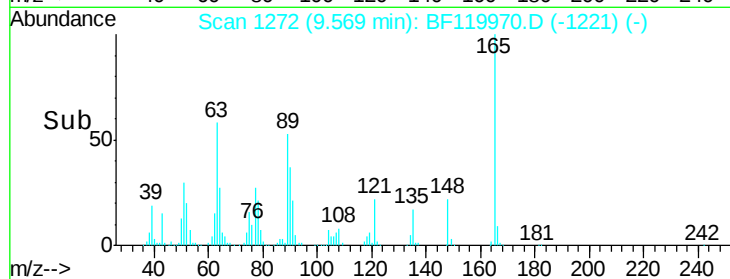
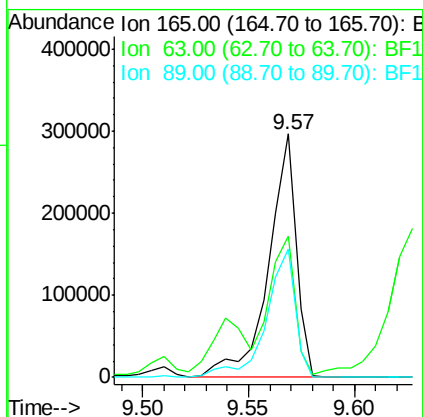
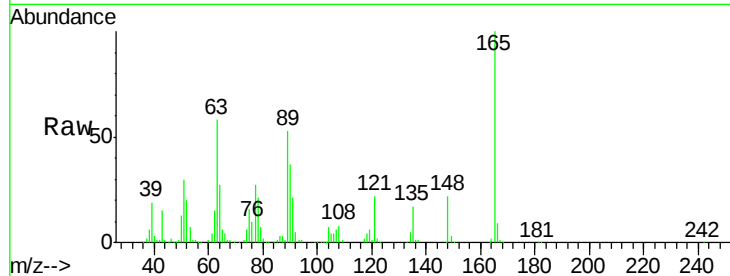
#51
2,6-Dinitrotoluene
Concen: 42.752 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:	165	Resp:	271547
Ion Ratio	Lower	Upper	
165	100		
63	58.2	55.6	83.4
89	52.8	47.9	71.9

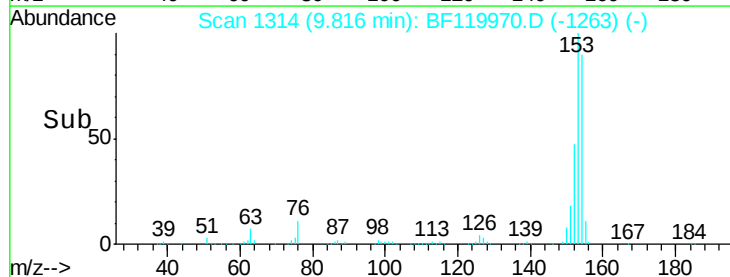
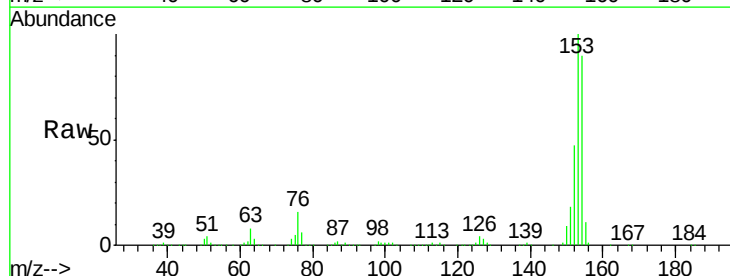
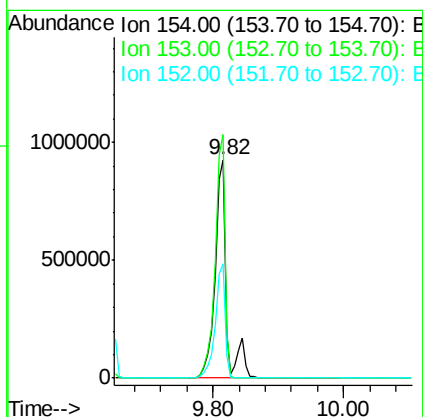
Manual Integrations
APPROVED

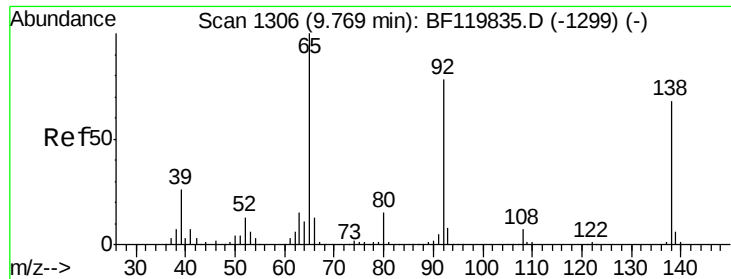
mohammad
4/16/2020 12:51:34 PM



#52
Acenaphthene
Concen: 45.439 ng m
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:	154	Resp:	1123985
Ion Ratio	Lower	Upper	
154	100		
153	111.6	88.8	133.2
152	52.6	42.4	63.6





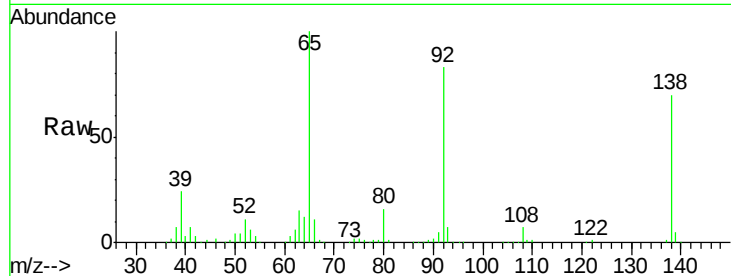
#53
3-Nitroaniline
Concen: 23.087 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.0	12.0
92	118.1	92.1	138.1

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM

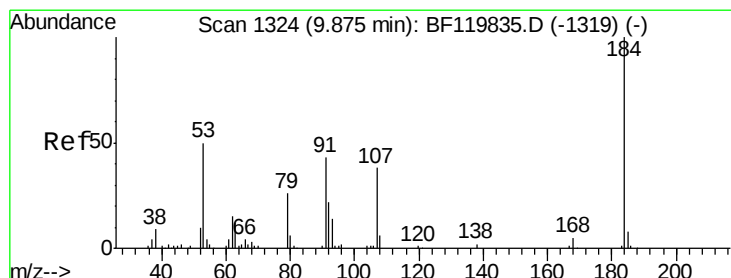
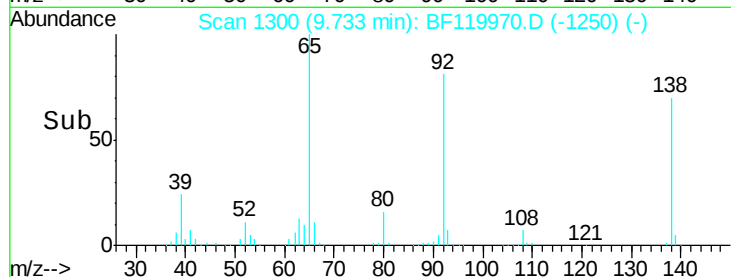
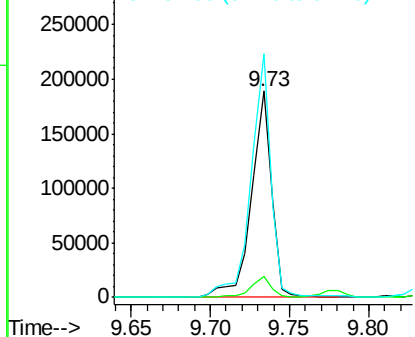


Abundance

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: 68.748 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

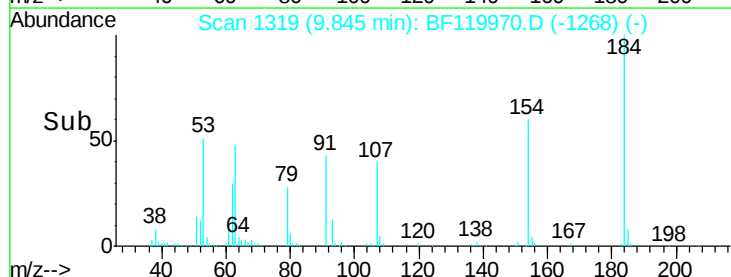
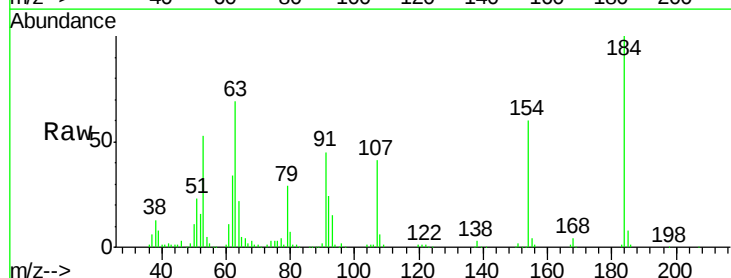
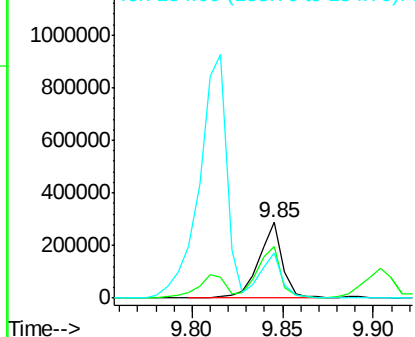
Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	49.8	74.6
154	59.7	46.5	69.7

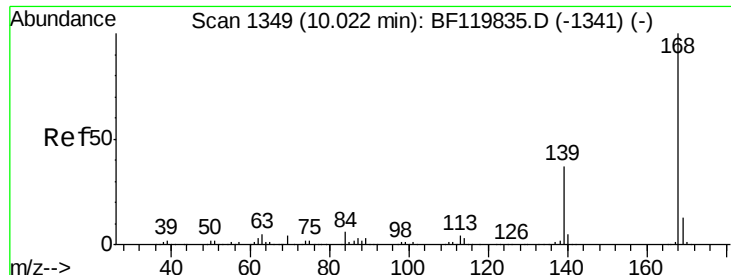
Abundance

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





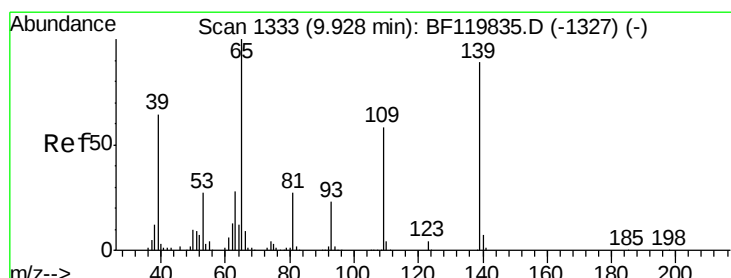
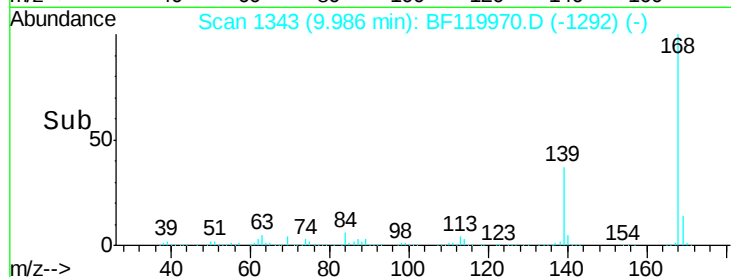
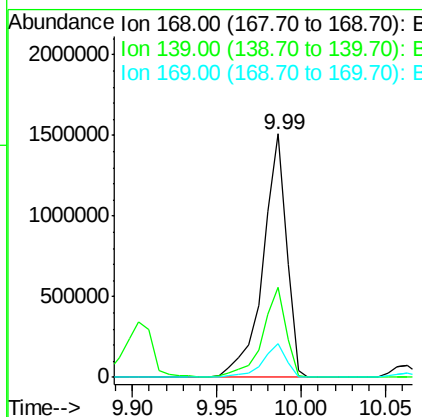
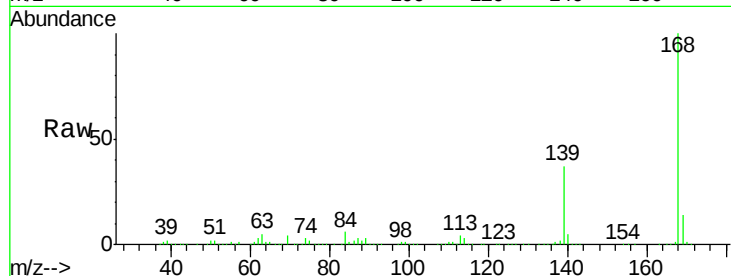
#55
Dibenzofuran
Concen: 42.846 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:168 Resp: 1454369
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.6
169 13.6 10.6 15.8

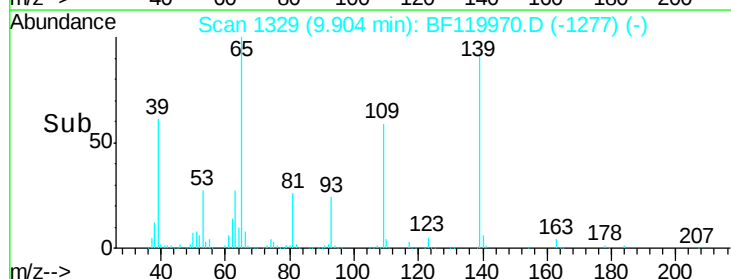
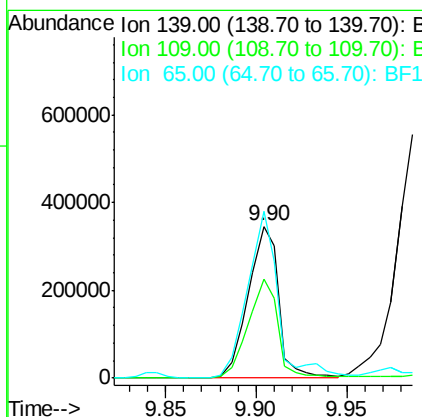
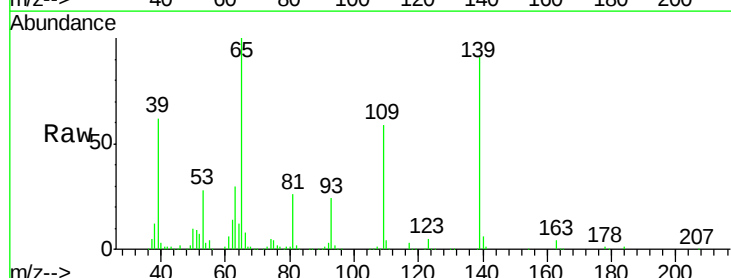
Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#56
4-Nitrophenol
Concen: 75.236 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:139 Resp: 406091
Ion Ratio Lower Upper
139 100
109 65.0 45.5 85.5
65 109.8 92.3 132.3





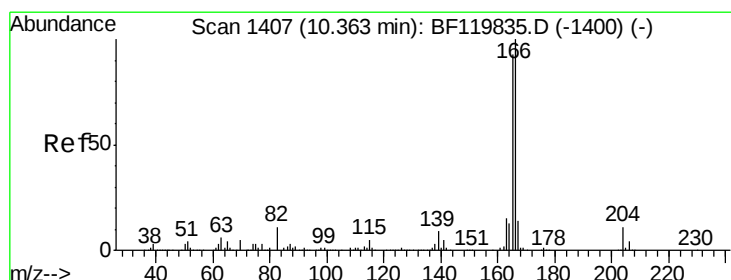
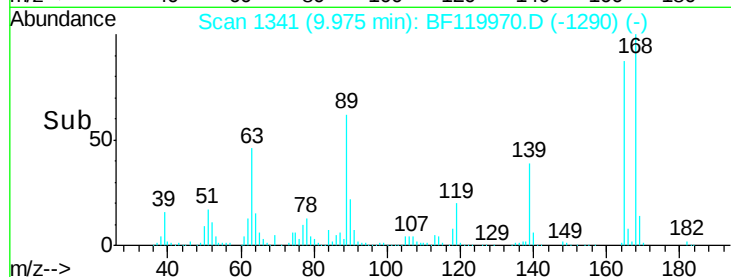
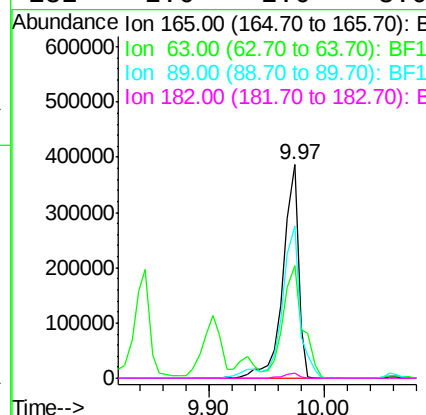
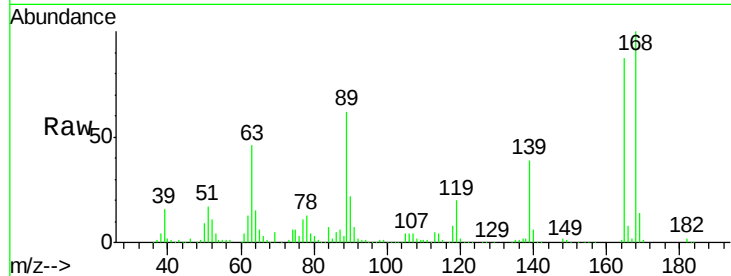
#57
2,4-Dinitrotoluene
Concen: 43.290 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampled :
VNJ-223MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		362277		
63	52.7	40.8	61.2		
89	71.1	56.9	85.3		
182	2.6	2.0	3.0		

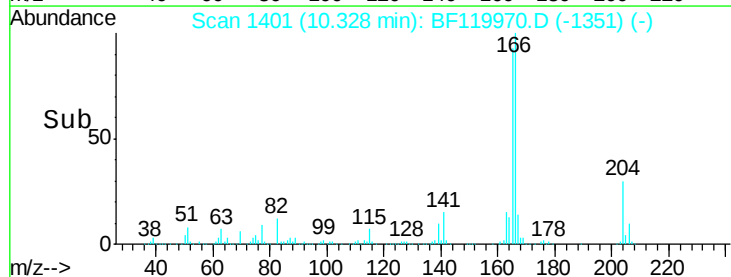
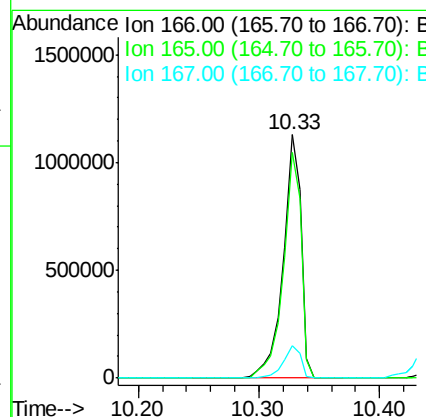
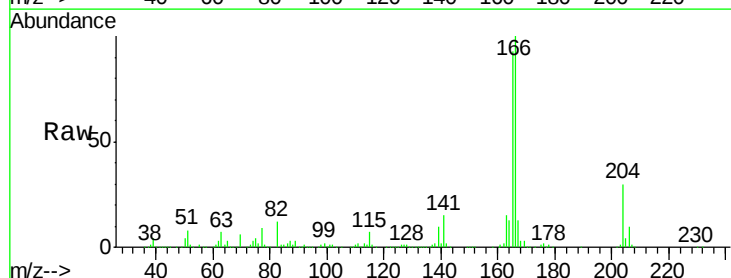
Manual Integrations
APPROVED

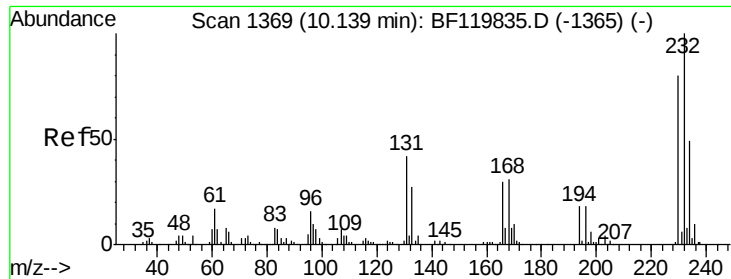
mohammad
4/16/2020 12:51:34 PM



#58
Fluorene
Concen: 41.865 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1136498		
165	92.8	74.2	111.2		
167	13.5	10.8	16.2		





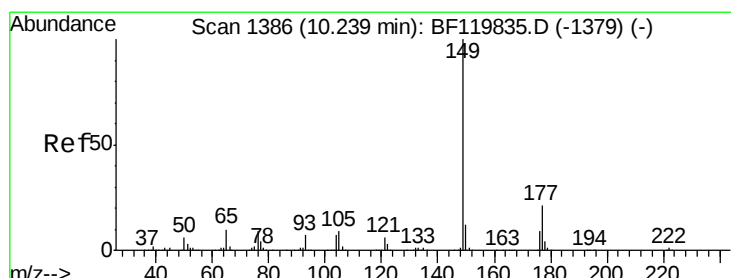
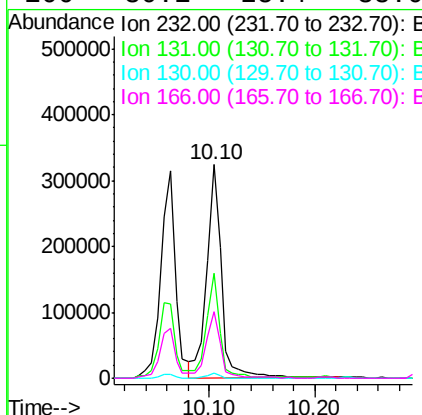
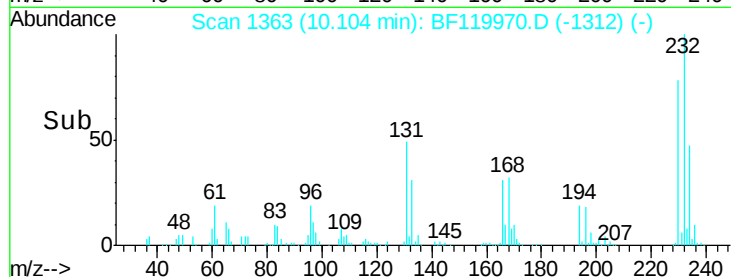
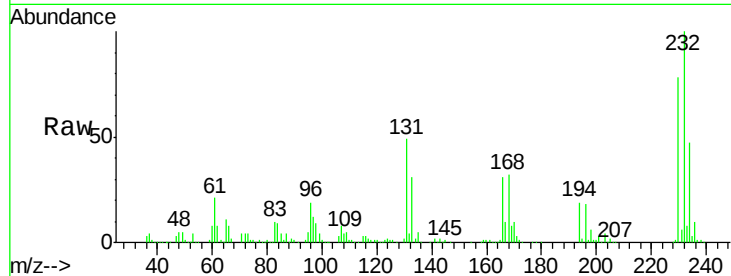
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.751 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.9	56.9
130	1.9	1.8	2.6
166	30.1	25.4	38.0

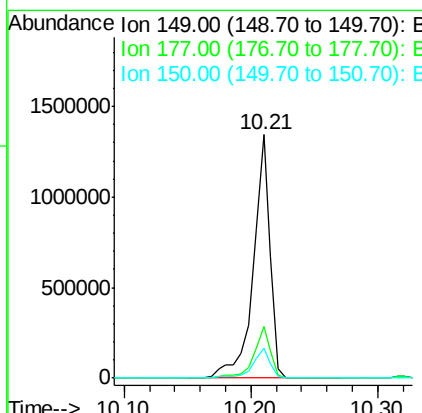
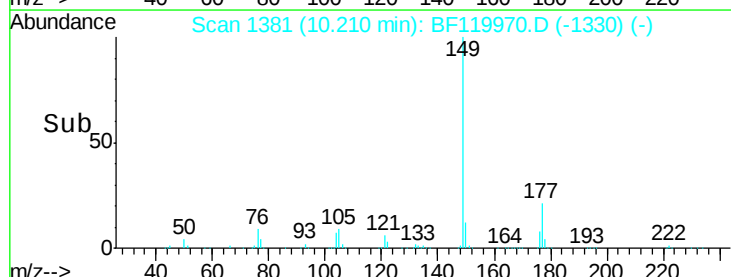
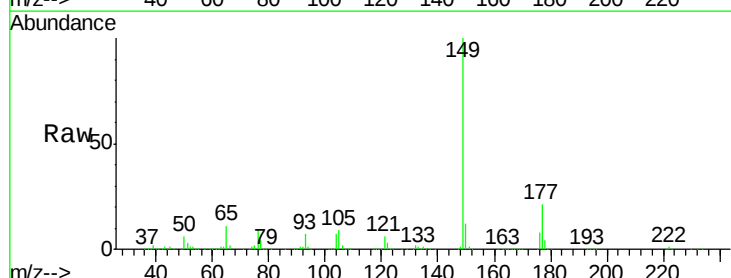
Manual Integrations
 APPROVED

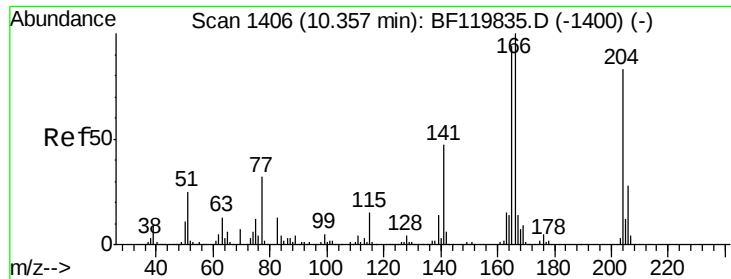
mohammad
 4/16/2020 12:51:34 PM



#60
 Diethylphthalate
 Concen: 41.571 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.8	25.2
150	12.4	9.8	14.6





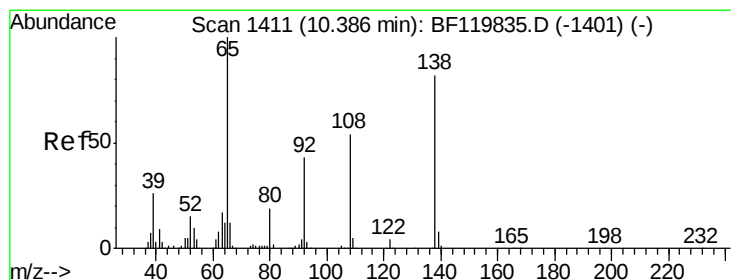
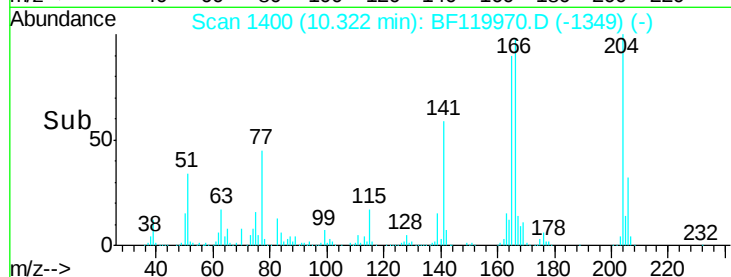
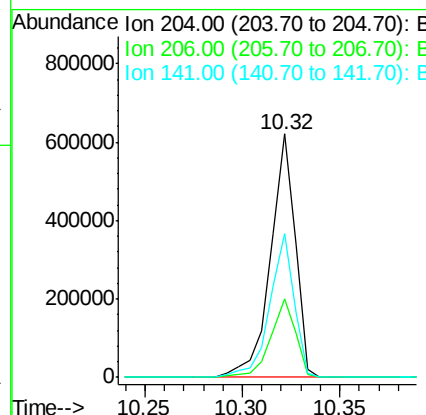
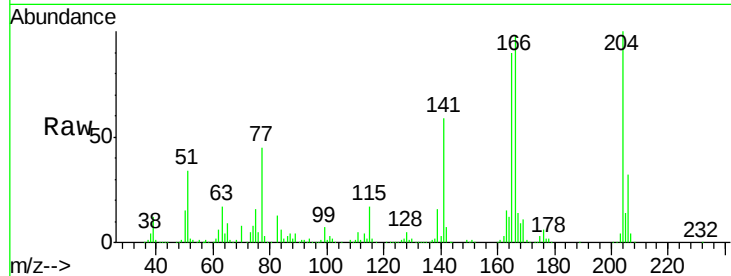
#61
4-Chlorophenyl-phenylether
Concen: 39.286 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.7	40.1
141	59.3	45.8	68.8

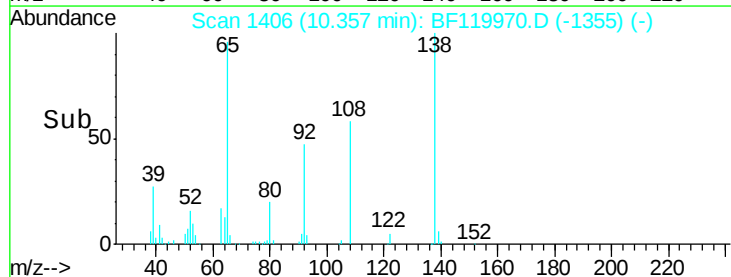
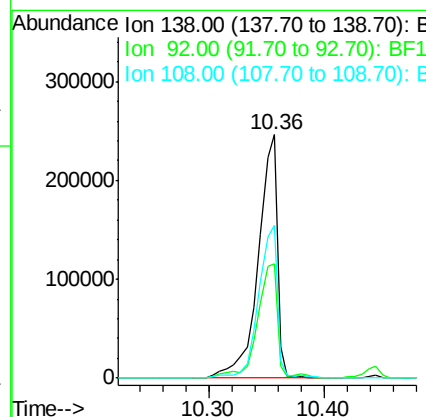
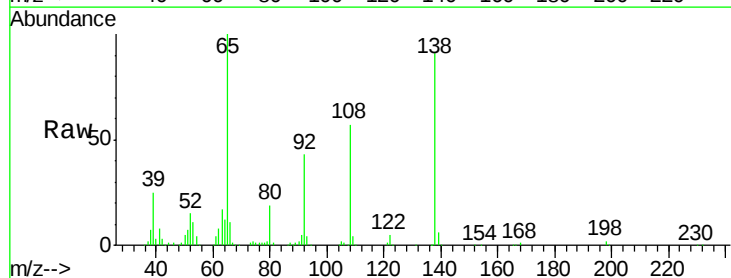
Manual Integrations
APPROVED

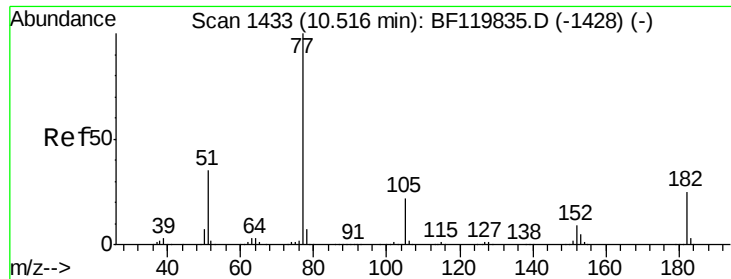
mohammad
4/16/2020 12:51:34 PM



#62
4-Nitroaniline
Concen: 41.437 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.6	71.6
108	62.5	45.2	85.2





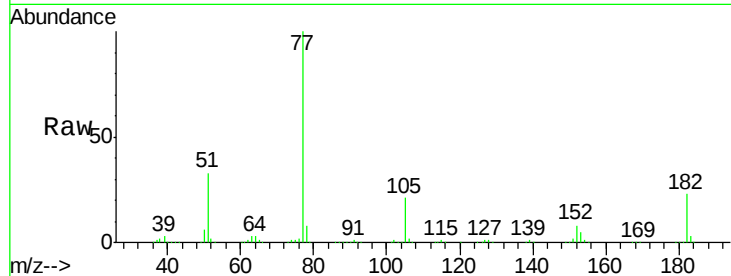
#63
Azobenzene
Concen: 43.972 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.8	4.5	44.5
105	21.2	2.2	42.2
51	32.9	15.1	55.1

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



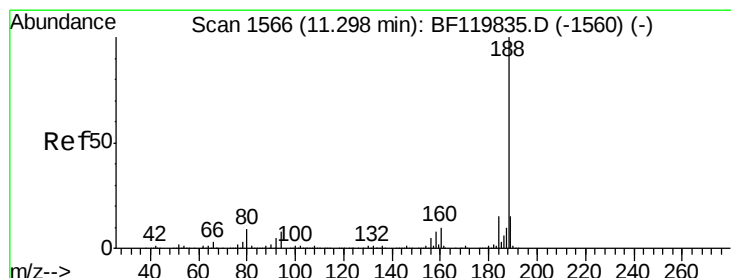
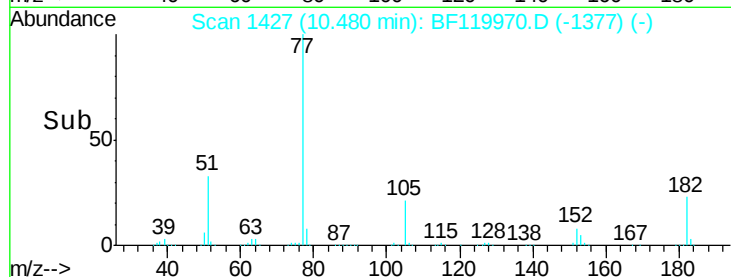
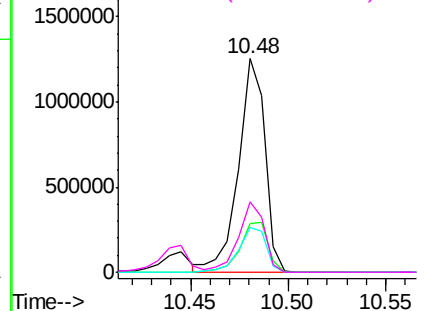
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

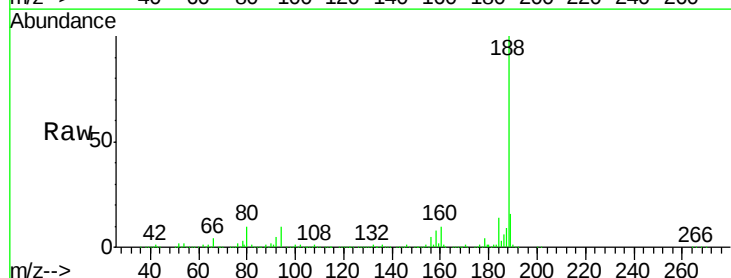
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.7	10.1
80	10.0	7.4	11.2

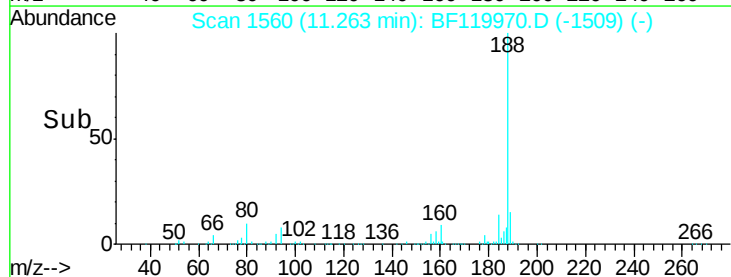
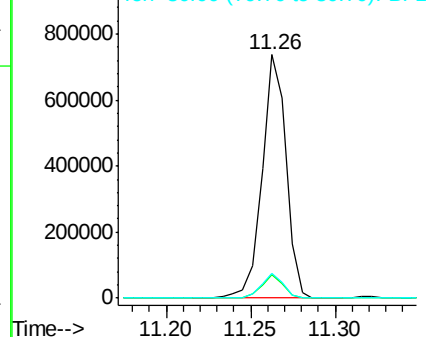


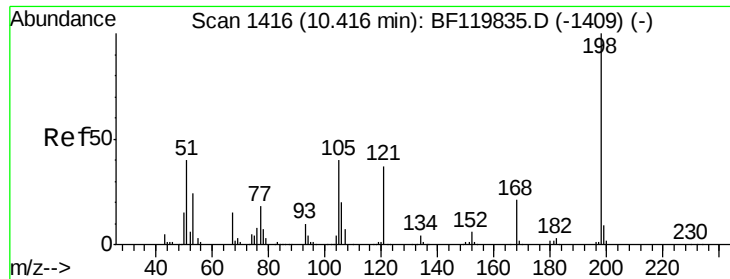
Abundance

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: 38.277 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion:198 Resp: 183477

Ion Ratio Lower Upper

198 100

51 58.9 25.2 65.2

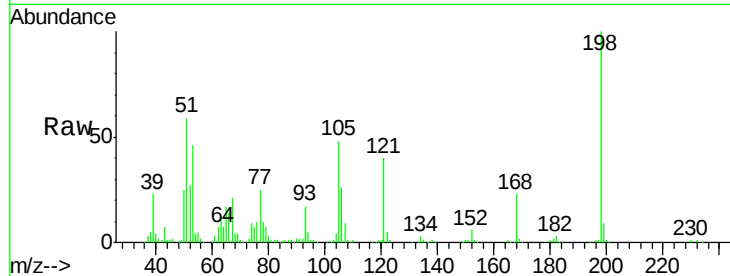
105 48.4 20.8 60.8

Manual Integrations

APPROVED

mohammad

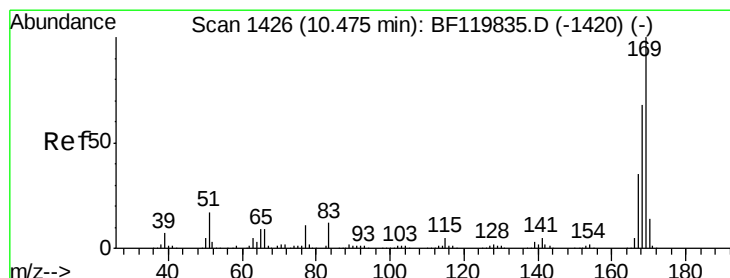
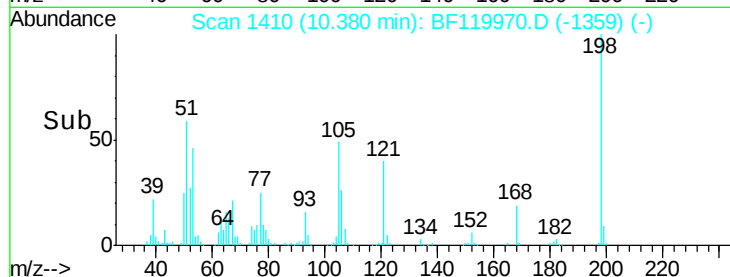
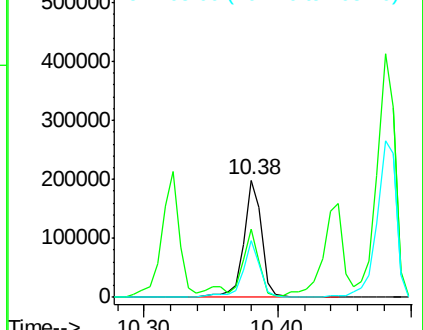
4/16/2020 12:51:34 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.871 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

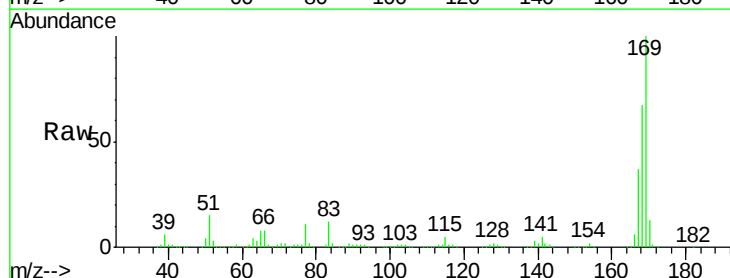
Tgt Ion:169 Resp: 1037377

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.4

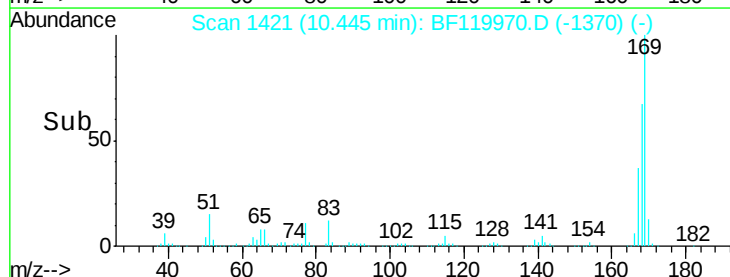
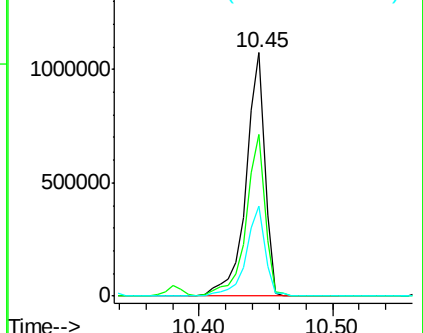
167 37.1 28.3 42.5

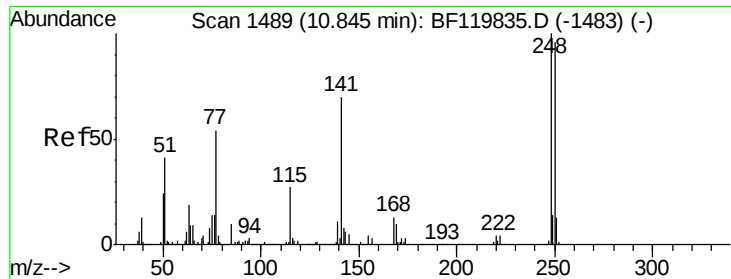


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





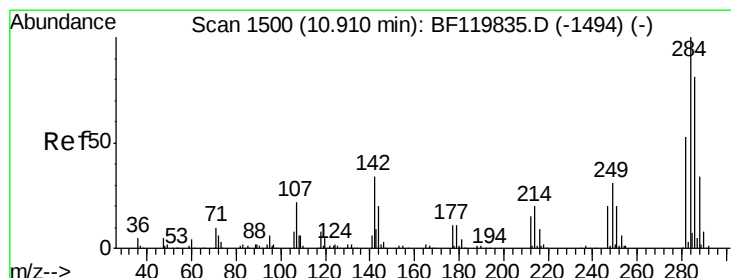
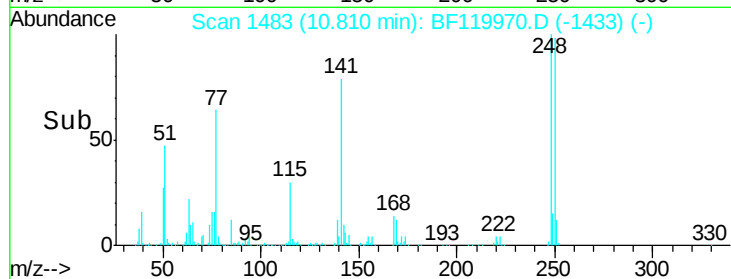
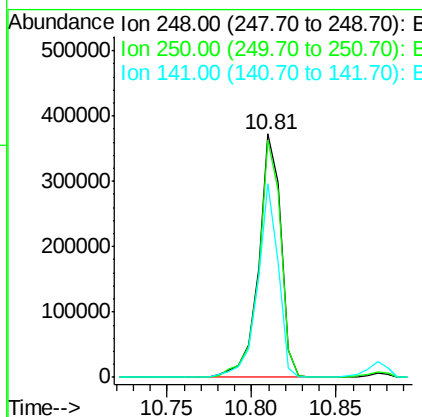
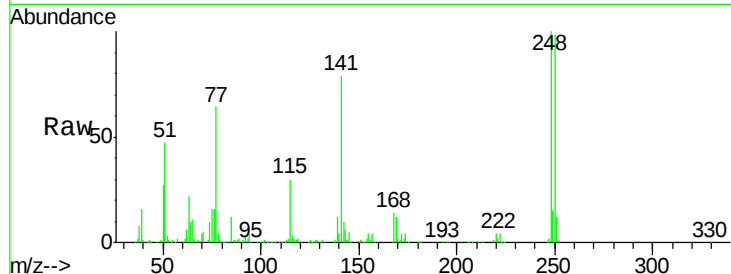
#67
 4-Bromophenyl-phenylether
 Concen: 37.662 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion:	248	Resp:	340775
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.6	114.8
141	79.4	55.9	83.9

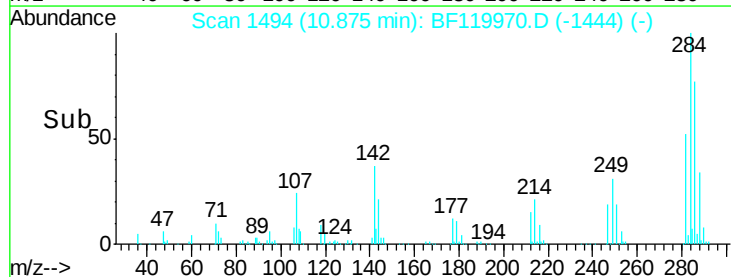
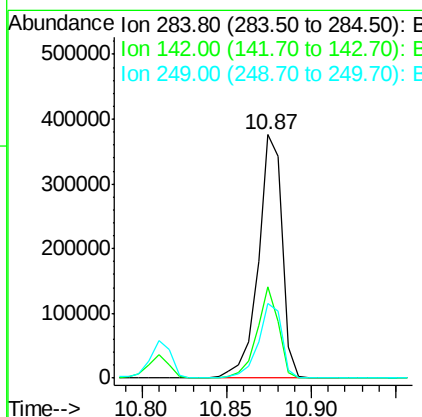
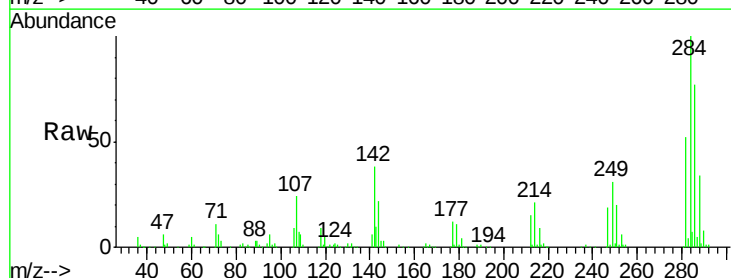
Manual Integrations
 APPROVED

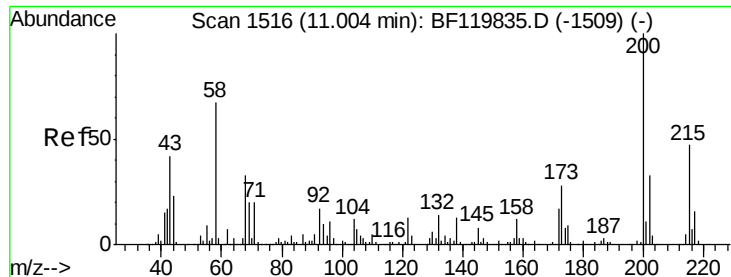
mohammad
 4/16/2020 12:51:34 PM



#68
 Hexachlorobenzene
 Concen: 40.069 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:	284	Resp:	367802
Ion Ratio	Lower	Upper	
284	100		
142	37.6	26.9	40.3
249	30.9	24.6	37.0





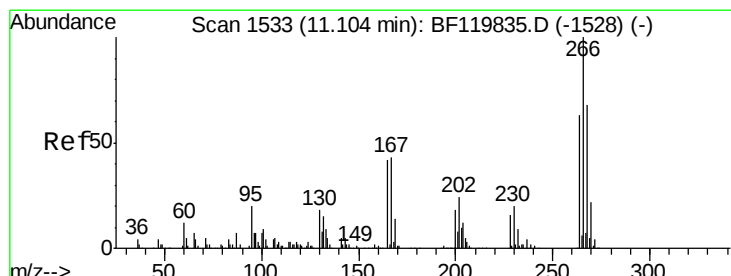
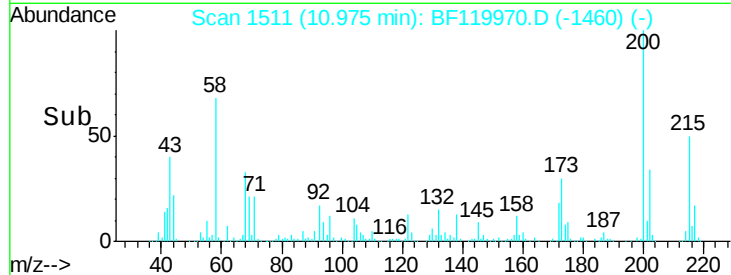
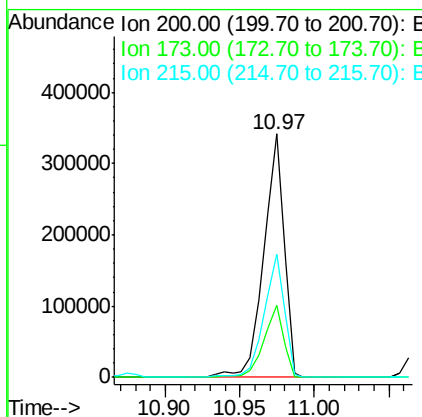
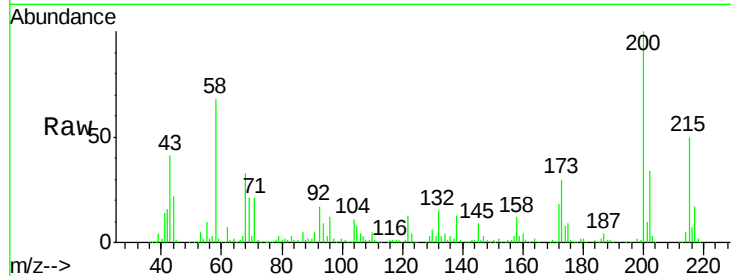
#69
Atrazine
Concen: 47.353 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	318804		
173	29.8	8.0	48.0	
215	50.5	27.1	67.1	

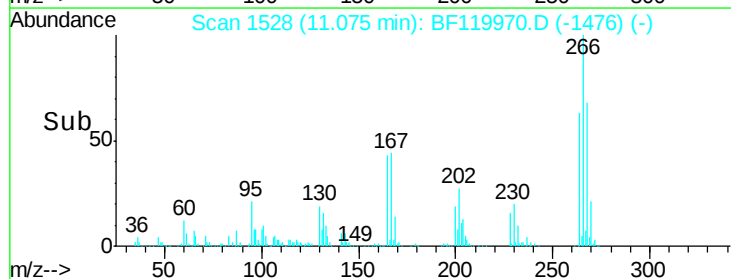
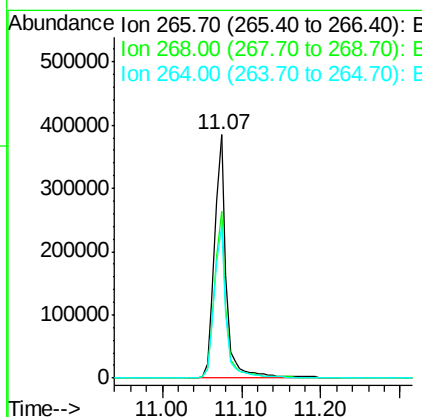
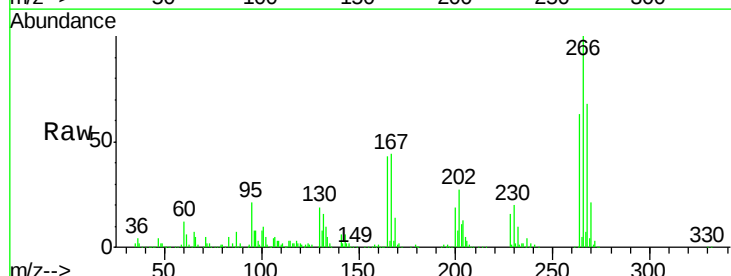
Manual Integrations
APPROVED

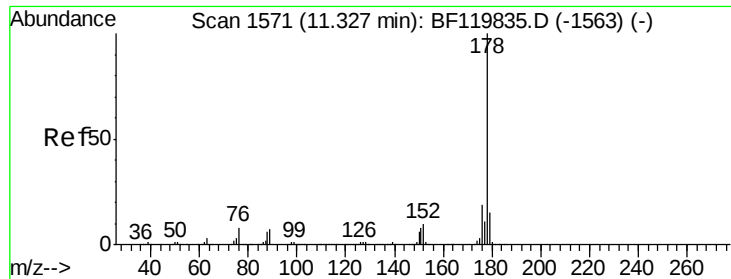
mohammad
4/16/2020 12:51:34 PM



#70
Pentachlorophenol
Concen: 75.435 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	399032		
268	68.4	54.2	81.4	
264	62.8	50.6	76.0	





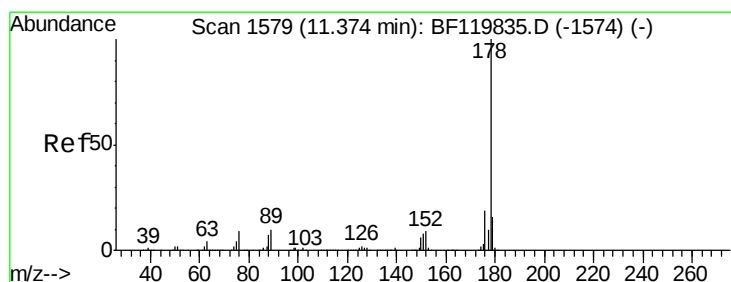
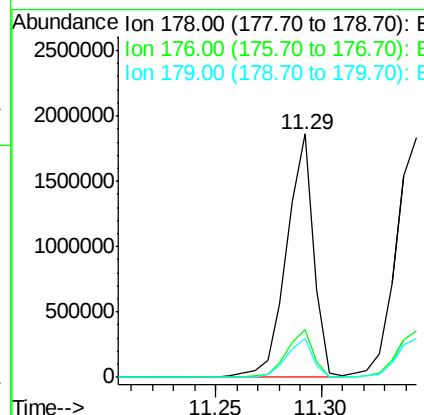
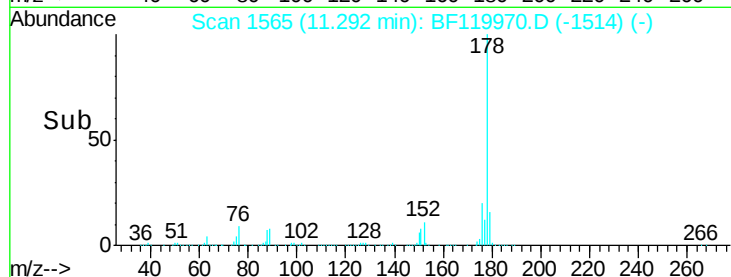
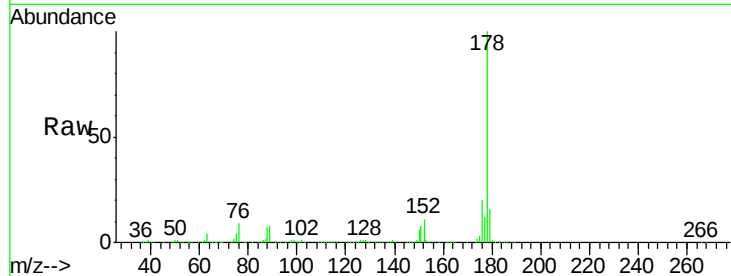
#71
Phenanthrene
Concen: 42.827 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:178 Resp: 1658411
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.8 12.2 18.4

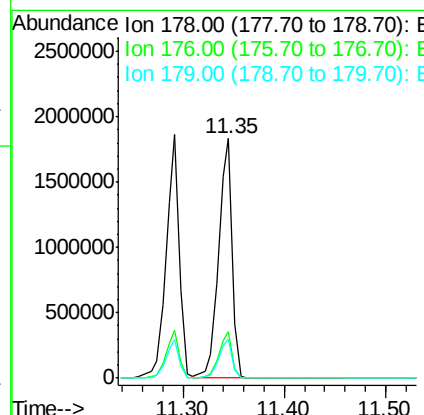
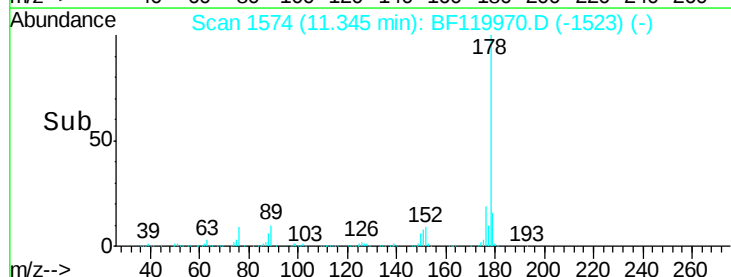
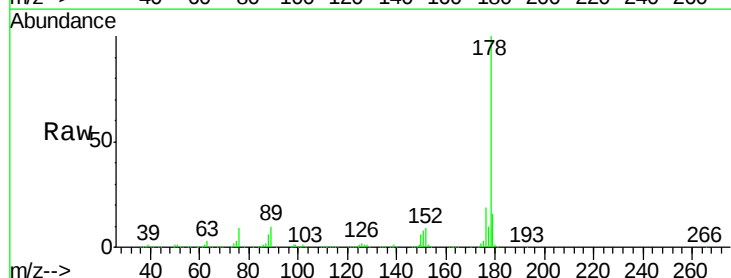
Manual Integrations
APPROVED

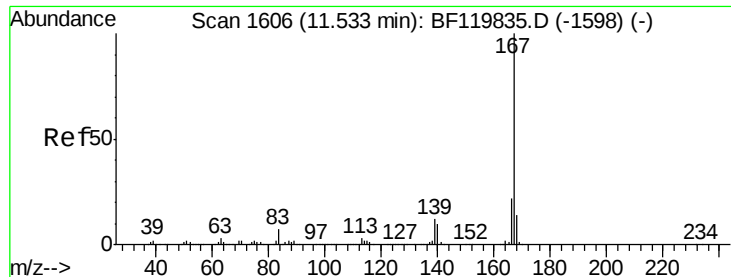
mohammad
4/16/2020 12:51:34 PM



#72
Anthracene
Concen: 42.913 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:178 Resp: 1697565
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.3 12.8 19.2





#73

Carbazole

Concen: 42.288 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion:167 Resp: 1581941

Ion Ratio Lower Upper

167 100

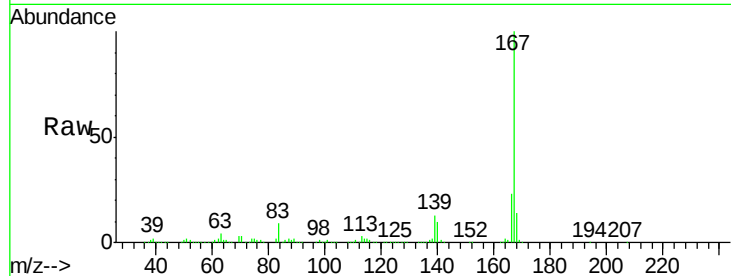
166 22.5 17.4 26.0

139 13.3 9.8 14.8

Manual Integrations
APPROVED

mohammad

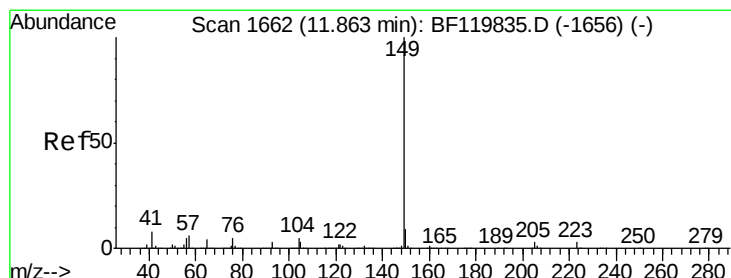
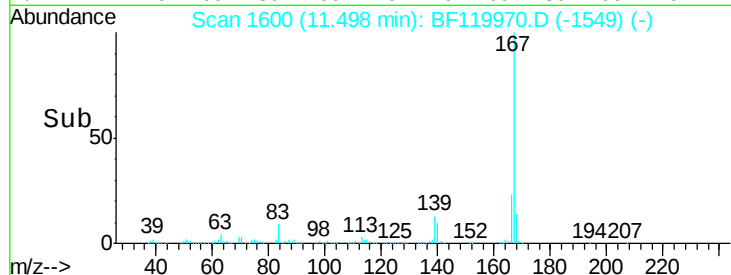
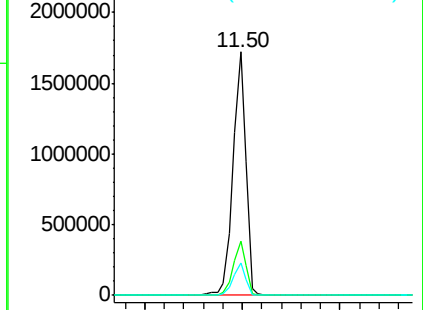
4/16/2020 12:51:34 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.675 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

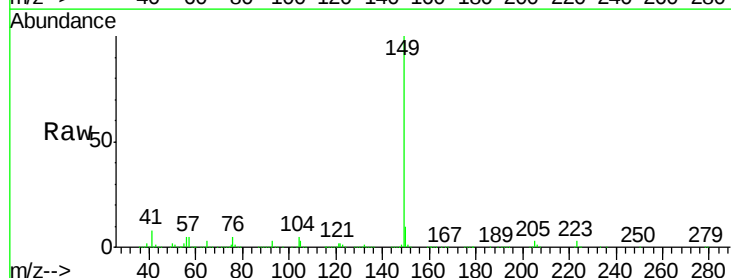
Tgt Ion:149 Resp: 2000277

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

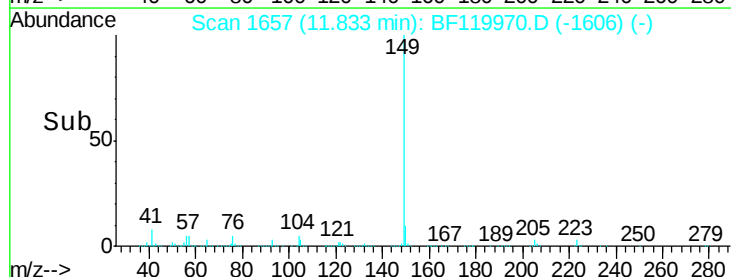
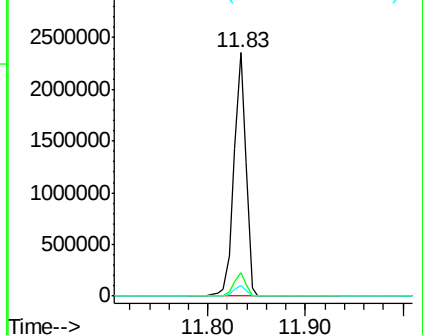
104 4.6 3.8 5.6

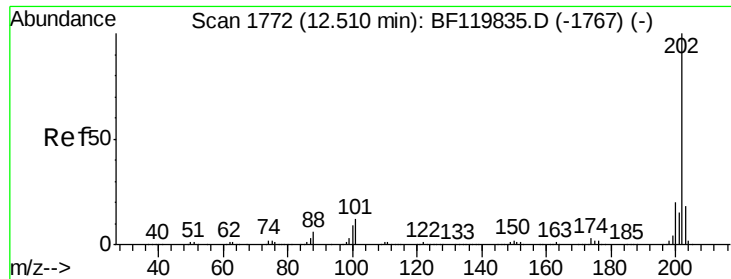


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





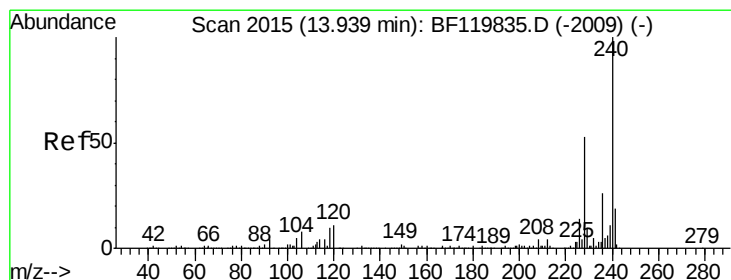
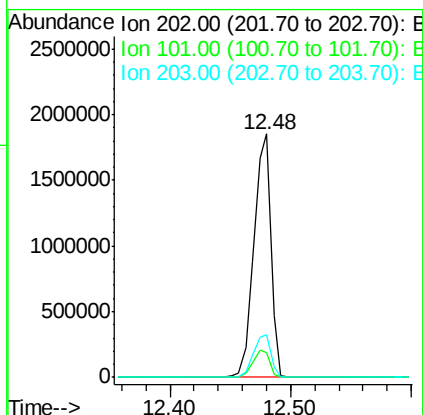
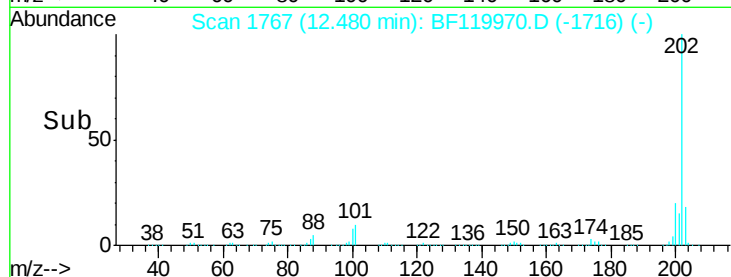
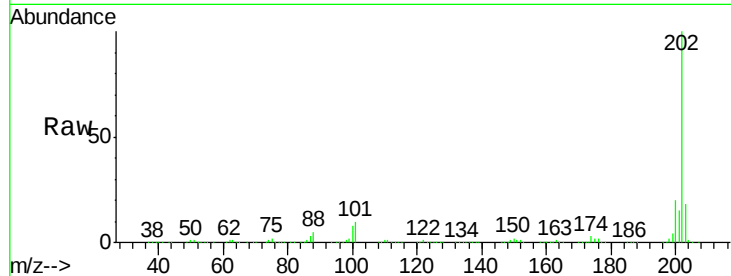
#75
Fluoranthene
Concen: 43.788 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampled :
VNJ-223MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1829547		
101	10.4		0.0	32.3
203	17.7		0.0	37.6

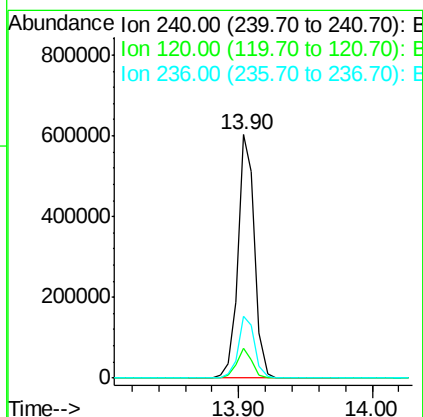
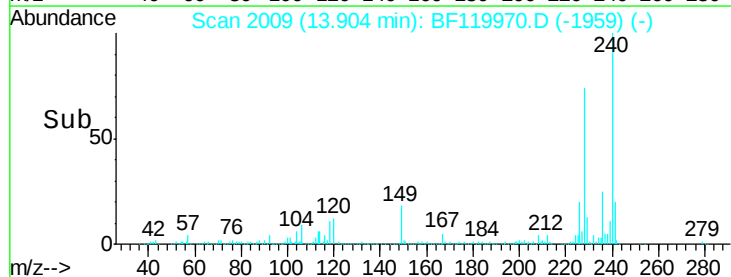
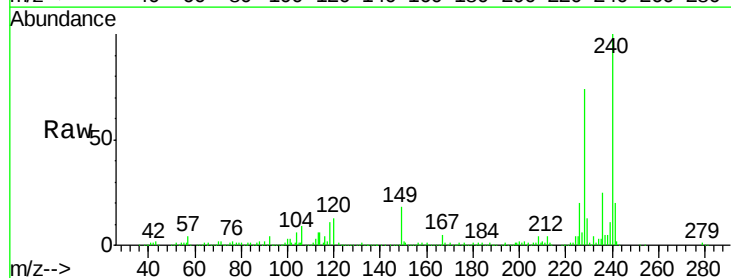
Manual Integrations
APPROVED

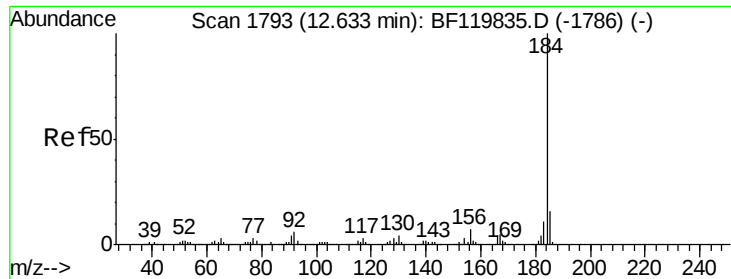
mohammad
4/16/2020 12:51:34 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	519935		
120	12.5		9.0	13.6
236	25.5		20.7	31.1





#77

Benzidine

Concen: 20.339 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

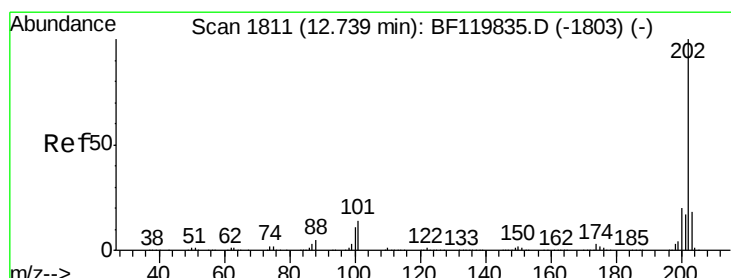
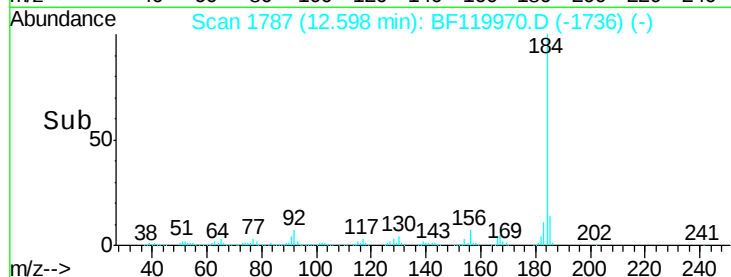
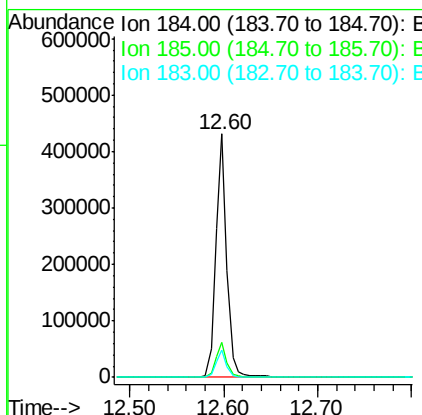
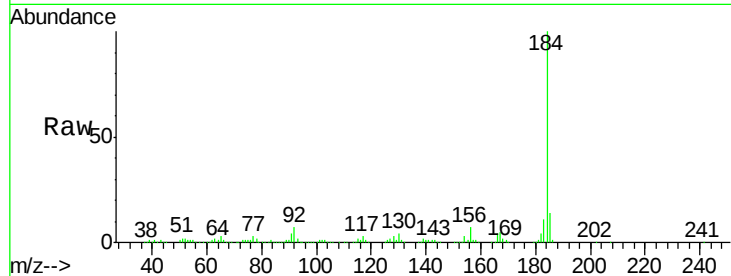
ClientSampleId :

VNJ-223MS

Tot Ion:	184	Resp:	357456
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.2	19.8
183	11.0	9.1	13.7

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#78

Pyrene

Concen: 41.777 ng

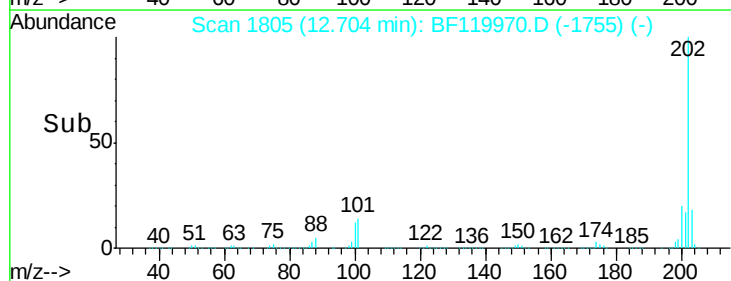
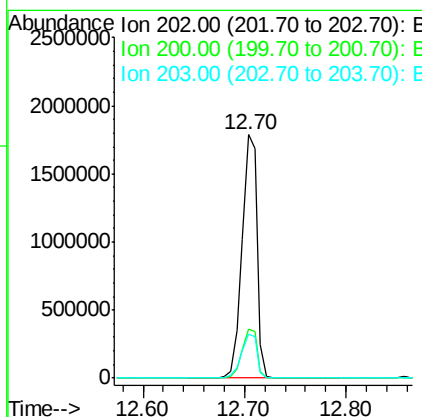
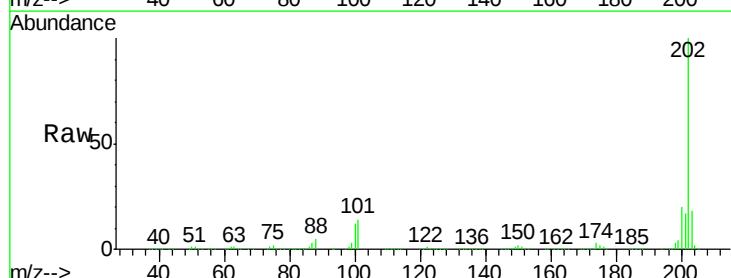
RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Tgt Ion:	202	Resp:	1831134
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	18.3	14.1	21.1





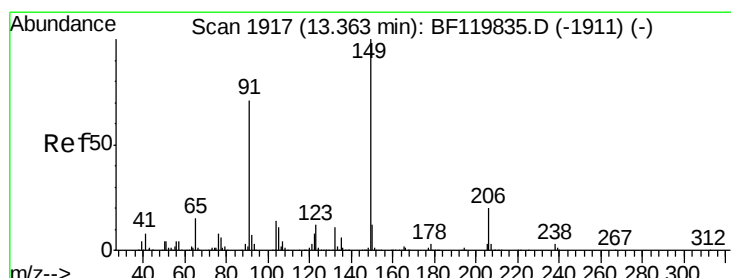
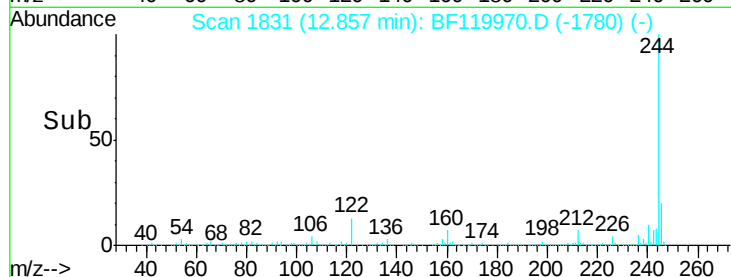
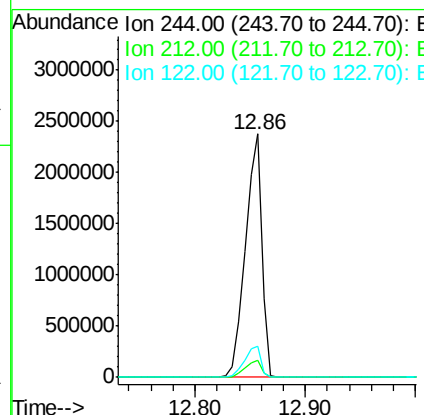
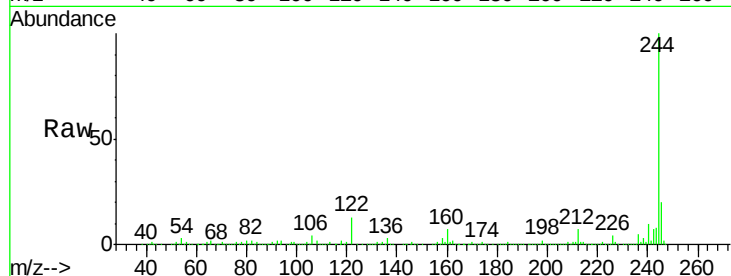
#79
 Terphenyl-d14
 Concen: 80.890 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion:244 Resp: 2499479
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.9 10.3 15.5

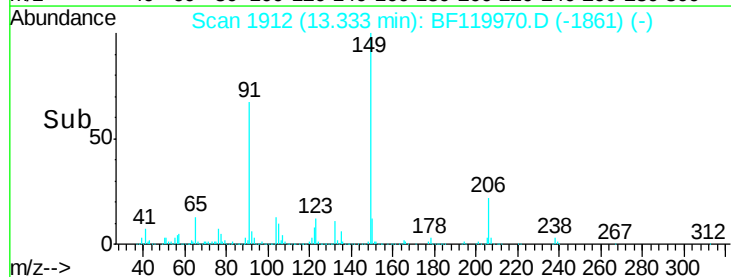
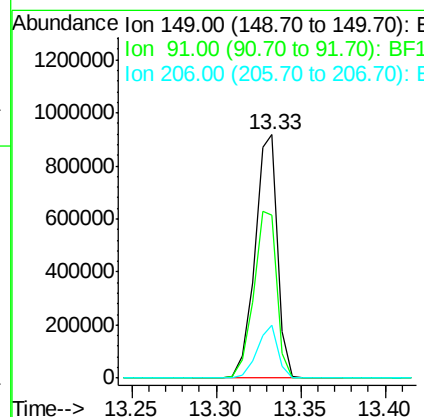
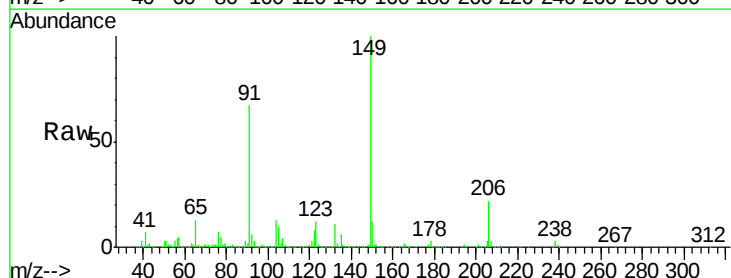
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:51:34 PM



#80
 Butylbenzylphthalate
 Concen: 40.181 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:149 Resp: 854584
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.7 85.1
 206 21.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.353 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion:228 Resp: 1414450

Ion Ratio Lower Upper

228 100

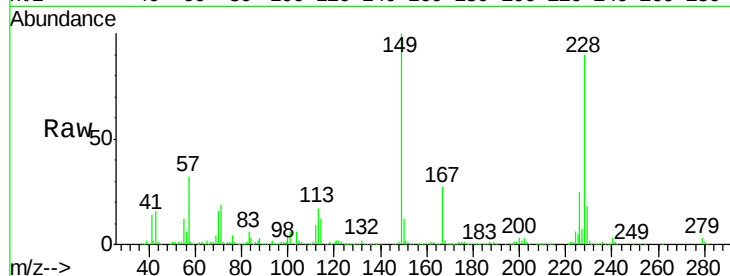
226 27.4 21.9 32.9

229 20.4 15.9 23.9

Manual Integrations
APPROVED

mohammad

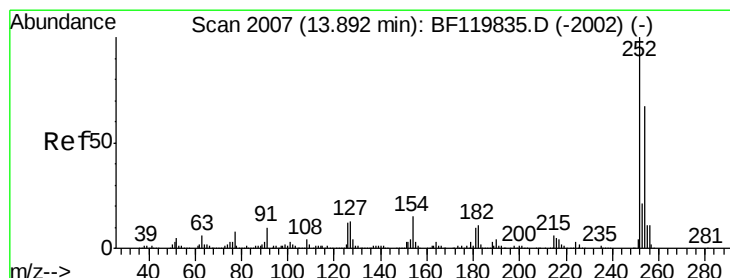
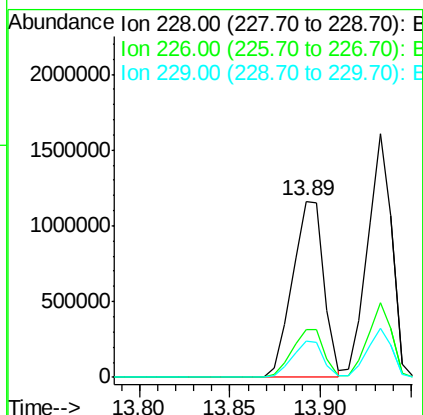
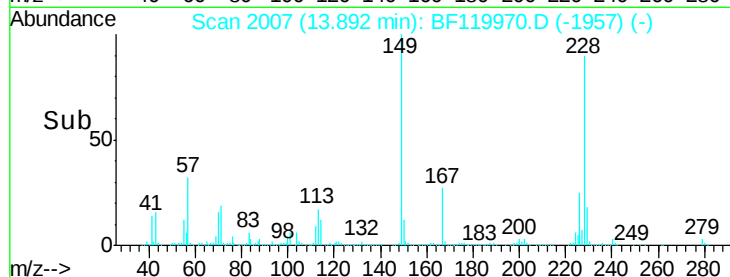
4/16/2020 12:51:34 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.368 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

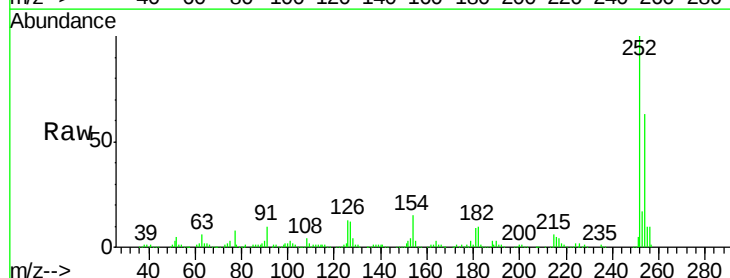
Tgt Ion:252 Resp: 349280

Ion Ratio Lower Upper

252 100

254 62.9 53.9 80.9

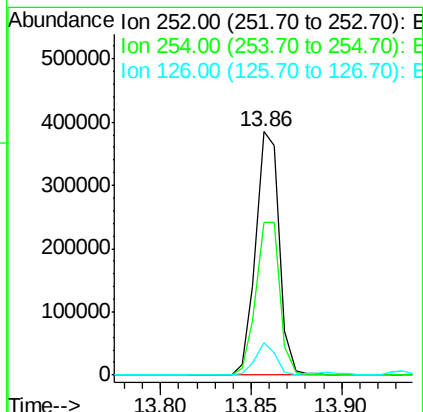
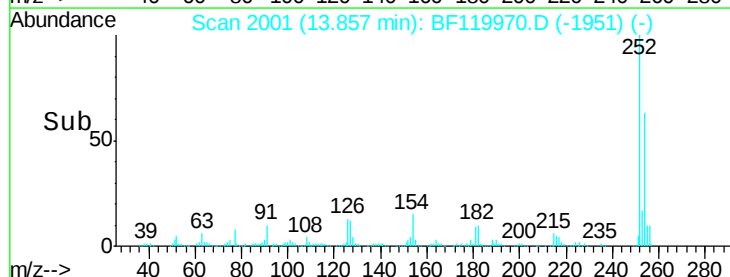
126 13.1 9.7 14.5

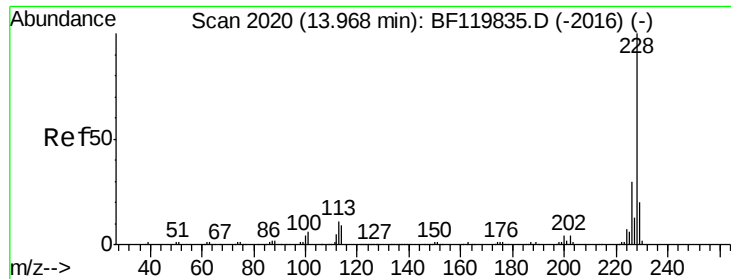


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





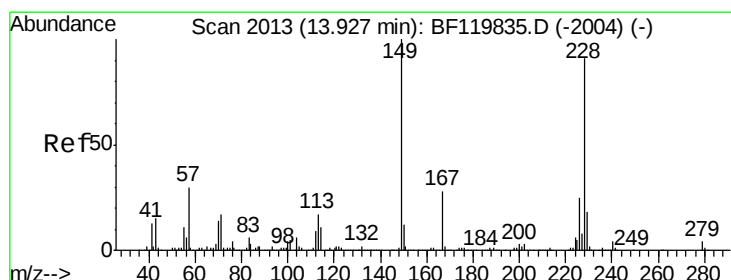
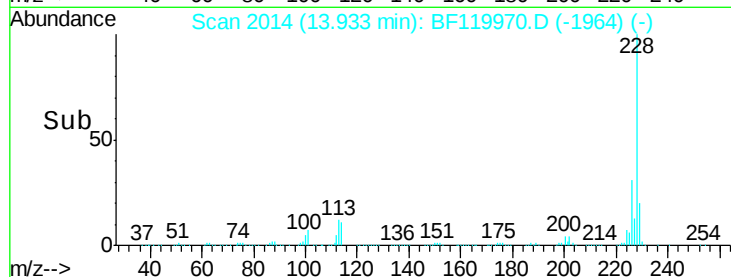
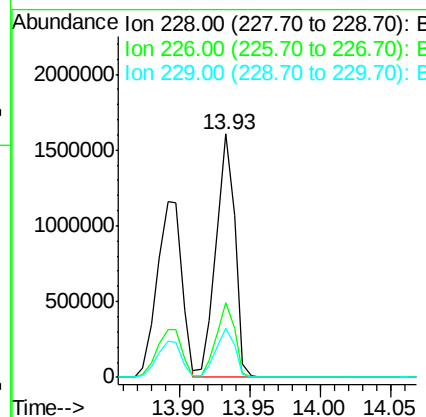
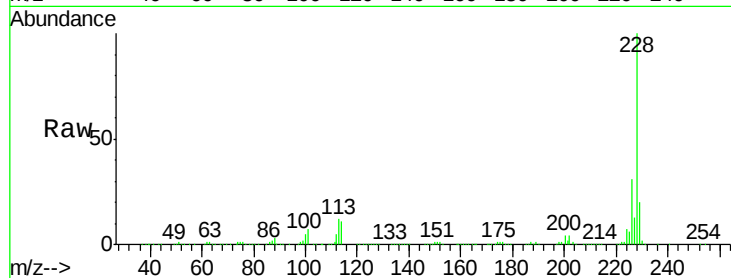
#83
 Chrvsene
 Concen: 42.961 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion:228 Resp: 1493110
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 20.1 15.9 23.9

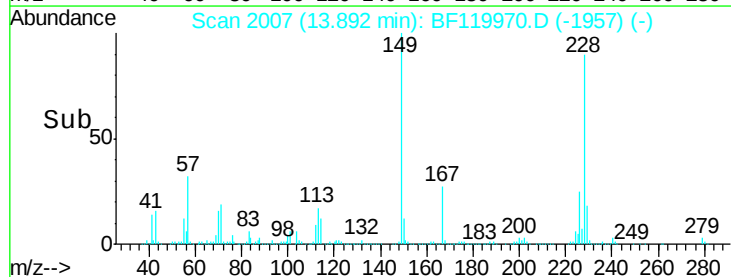
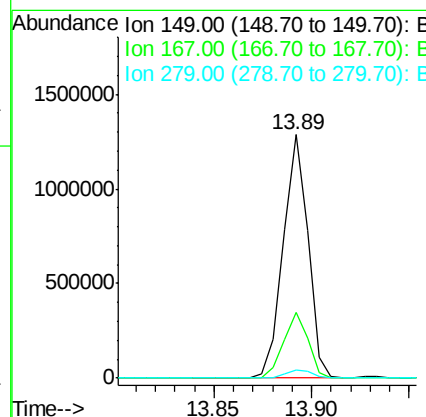
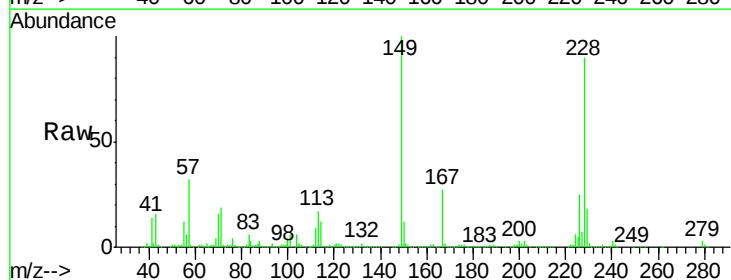
Manual Integrations
 APPROVED

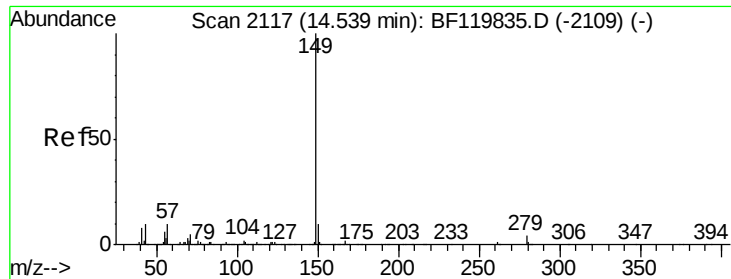
mohammad
 4/16/2020 12:51:34 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.338 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:149 Resp: 1133018
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.4 3.4 5.0





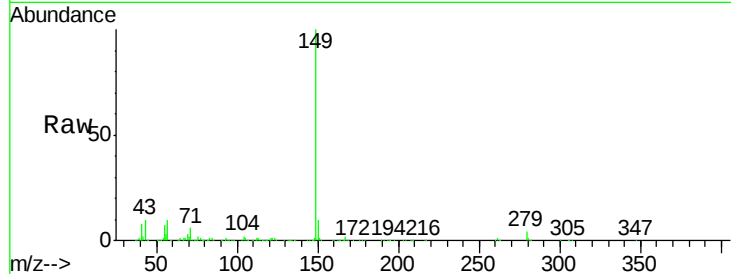
#85
Di-n-octyl phthalate
Concen: 41.268 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

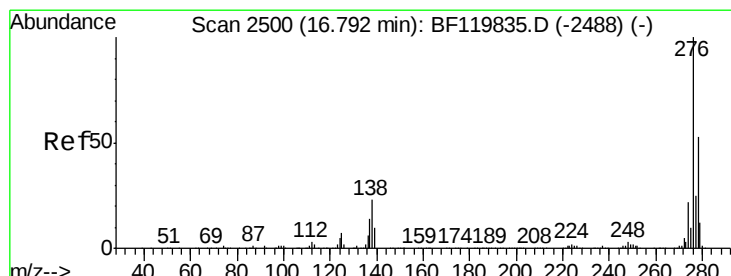
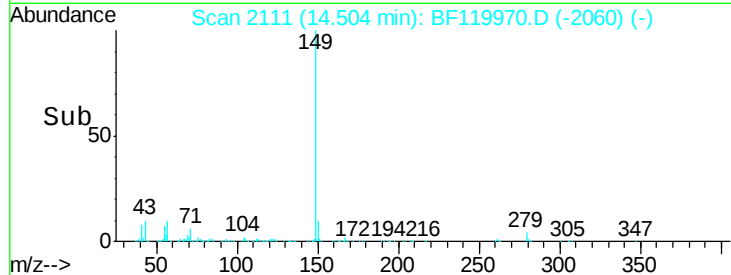
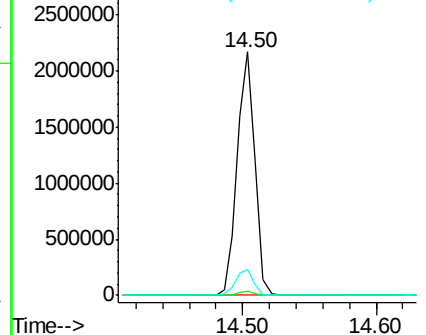
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	9.2	13.8

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



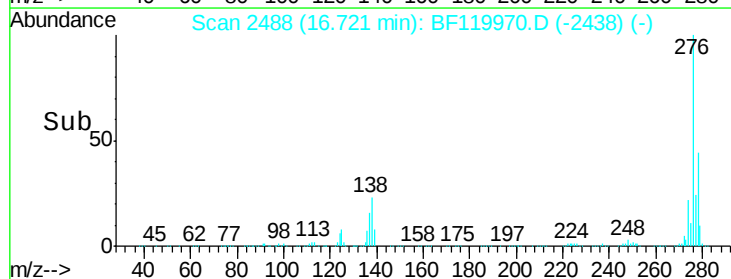
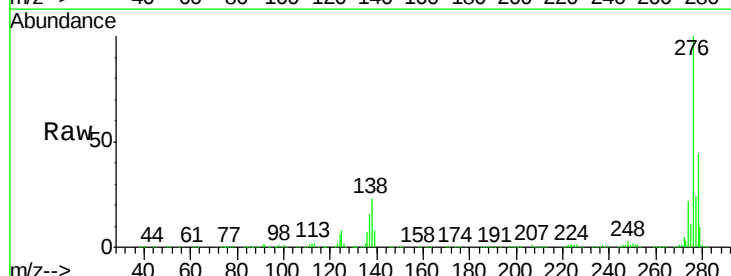
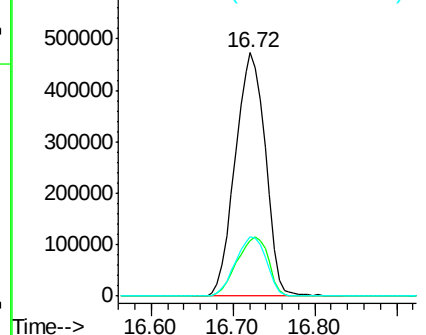
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

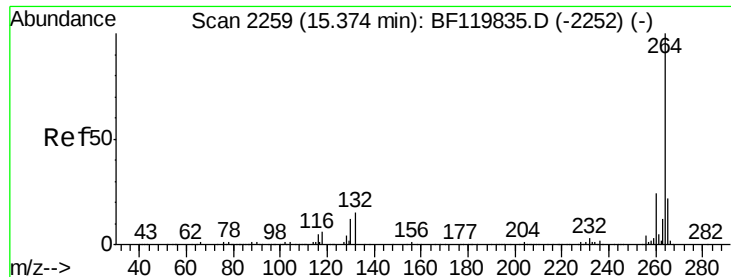


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.738 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.0	27.0
277	25.2	20.1	30.1

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





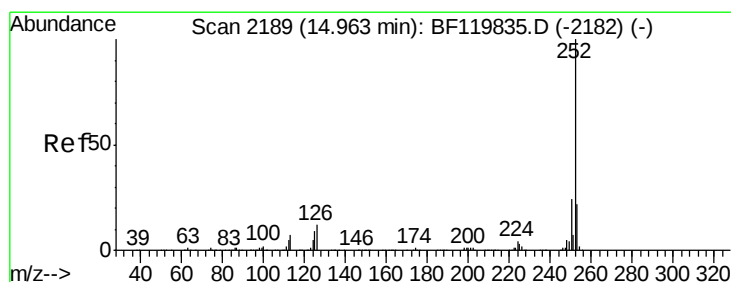
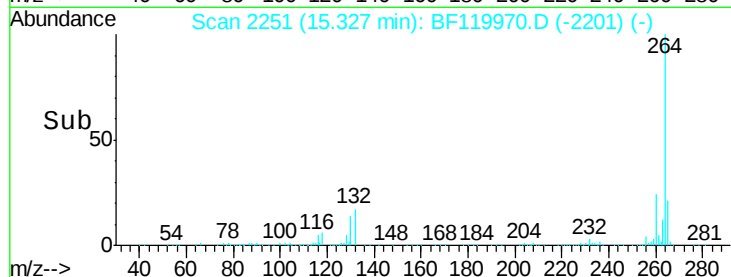
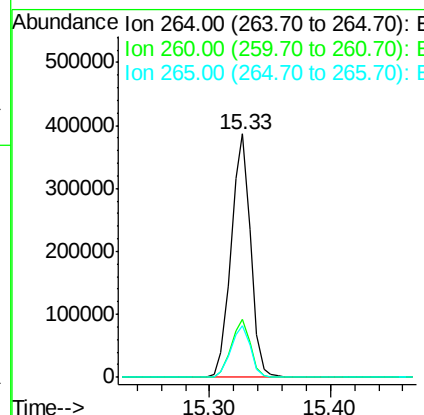
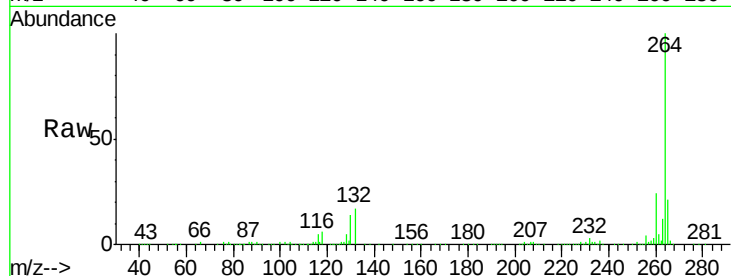
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.0	17.6	26.4

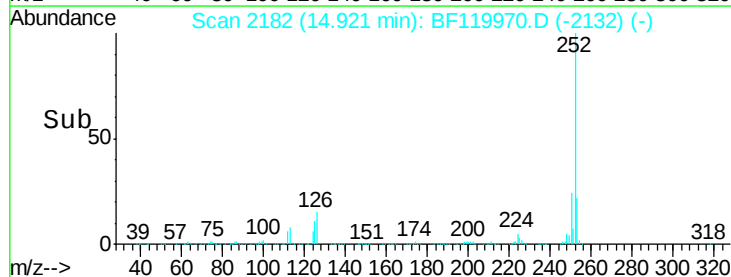
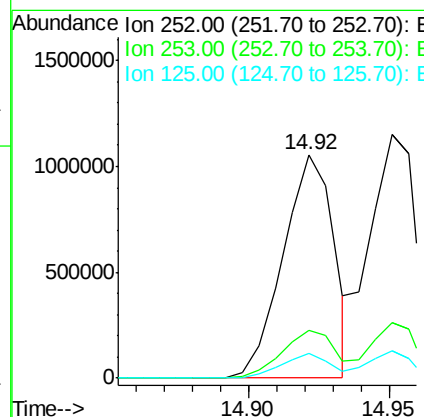
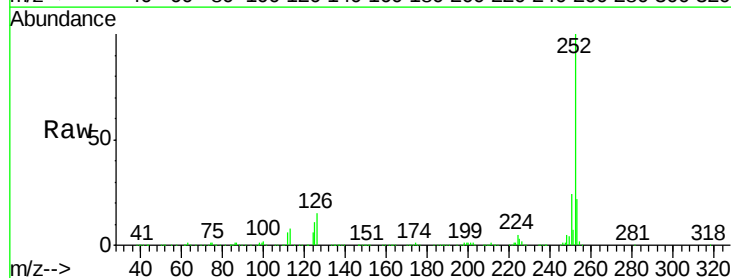
Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#88
Benzo(b)fluoranthene
Concen: 42.646 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.0	7.4	11.2





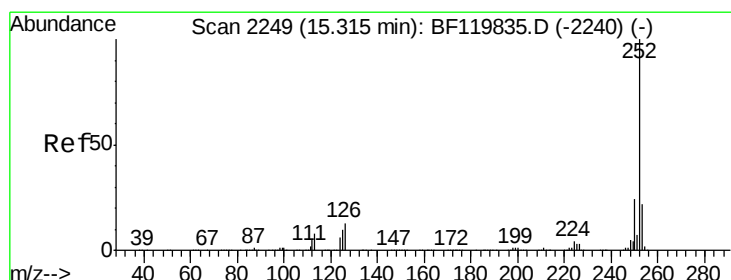
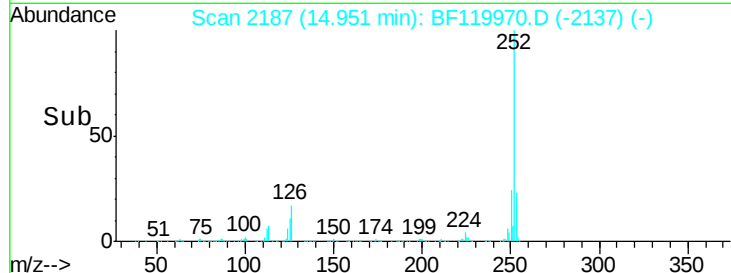
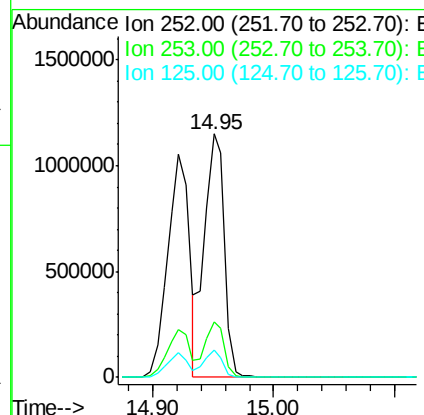
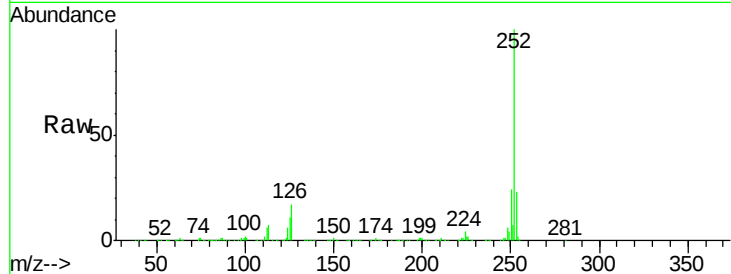
#89
Benzo(k)fluoranthene
Concen: 48.937 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.7	17.8	26.8	
125	11.4	7.7	11.5	

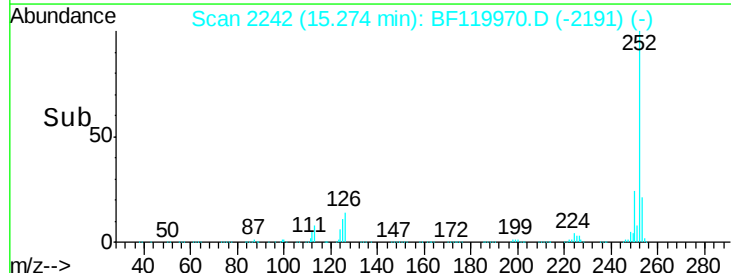
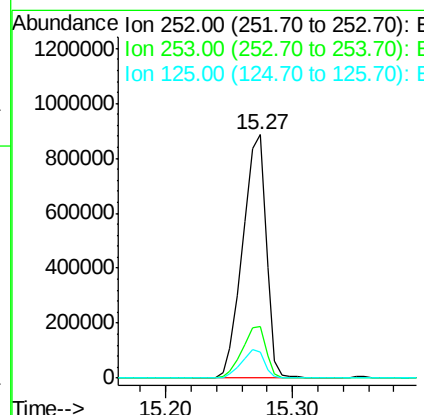
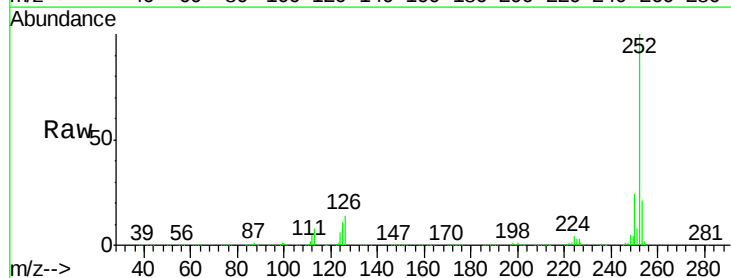
Manual Integrations
APPROVED

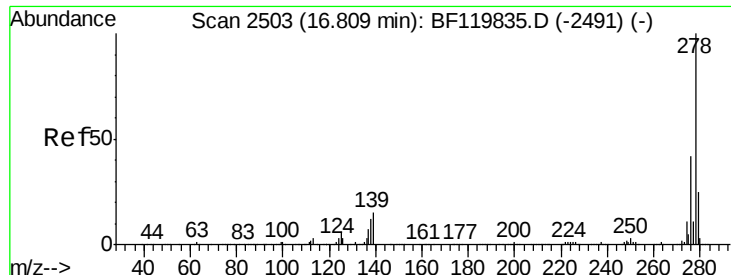
mohammad
4/16/2020 12:51:34 PM



#90
Benzo(a)pyrene
Concen: 43.782 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.4	17.4	26.2	
125	10.7	8.3	12.5	





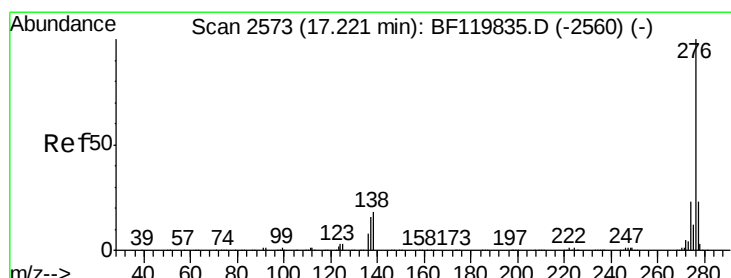
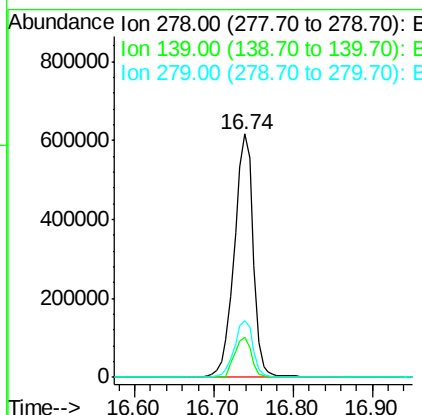
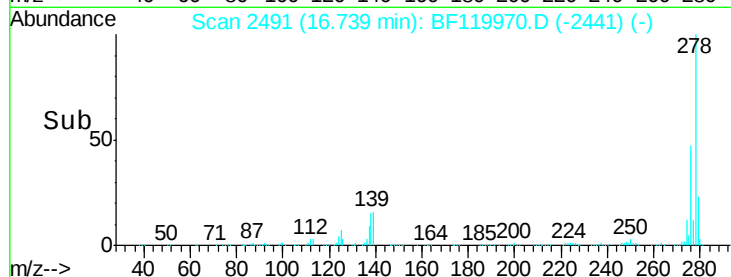
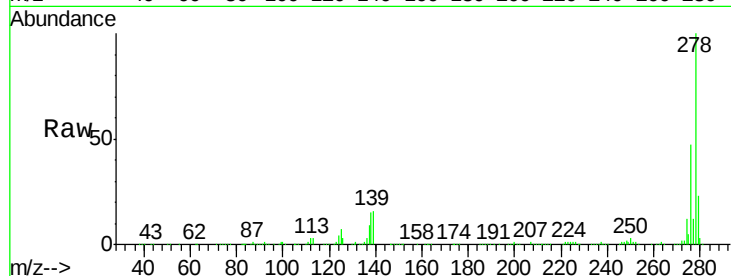
#91
Dibenzo(a,h)anthracene
Concen: 44.419 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.6	17.4
279	23.1	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:34 PM



#92
Benzo(g,h,i)perylene
Concen: 42.882 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	22.1	14.6	22.0#

