

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119903.D
 Acq On : 10 Apr 2020 19:06
 Operator : MA/SJ
 Sample : L2178-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:13 PM

Quant Time: Apr 11 02:23:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178708	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	697520	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	341625	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	691179	20.00	ng	0.00
76) Chrysene-d12	13.93	240	438358	20.00	ng	0.00
87) Perylene-d12	15.36	264	381065	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	750823	72.61	ng	0.00
7) Phenol-d6	6.39	99	644069	48.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	1323082	98.13	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	608318	145.44	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2430051	100.99	ng	0.00
79) Terphenyl-d14	12.87	244	2427604	93.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	95992	20.842	ng	98
3) Pyridine	3.19	79	220853	17.477	ng	99
4) n-Nitrosodimethylamine	3.13	42	147409	22.831	ng	99
6) Aniline	6.42	93	426198	24.370	ng	97
8) 2-Chlorophenol	6.54	128	570728	49.396	ng	99
9) Benzaldehyde	6.30	77	387423	Below Cal		99
10) Phenol	6.40	94	289056	19.122	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	639911	54.825	ng	98
12) 1,3-Dichlorobenzene	6.69	146	632880	50.033	ng	99
13) 1,4-Dichlorobenzene	6.77	146	638296	49.537	ng	98
14) 1,2-Dichlorobenzene	6.93	146	562069	47.332	ng	96
15) Benzyl Alcohol	6.90	79	345315	33.366	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1101338	48.490	ng	98
17) 2-Methylphenol	7.02	107	337810	32.762	ng	94
18) Hexachloroethane	7.27	117	226213	46.975	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	447550	52.233	ng	100
20) 3+4-Methylphenols	7.17	107	373619	29.627	ng	# 72
22) Acetophenone	7.17	105	847525	51.888	ng	# 98
24) Nitrobenzene	7.35	77	697415	51.419	ng	97
25) Isophorone	7.58	82	1266520	48.729	ng	99
26) 2-Nitrophenol	7.66	139	362317	53.469	ng	98
27) 2,4-Dimethylphenol	7.70	122	479827	46.951	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	784517	51.295	ng	99
29) 2,4-Dichlorophenol	7.90	162	532371	50.820	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	578640	48.749	ng	99
31) Naphthalene	8.06	128	1848545	50.371	ng	100
32) Benzoic acid	7.79	122	110696	12.333	ng	96
33) 4-Chloroaniline	8.11	127	273070	17.092	ng	98
34) Hexachlorobutadiene	8.18	225	302398	42.560	ng	99
35) Caprolactam	8.50	113	24609m	7.680	ng	
36) 4-Chloro-3-methylphenol	8.59	107	500726	44.150	ng	99
37) 2-Methylnaphthalene	8.76	142	1267689	50.951	ng	99
38) 1-Methylnaphthalene	8.86	142	1161067	49.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	528668	48.996	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119903.D
 Acq On : 10 Apr 2020 19:06
 Operator : MA/SJ
 Sample : L2178-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:13 PM

Quant Time: Apr 11 02:23:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	578718	94.321	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	407232	54.655	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	413030	49.217	nq	96
46) 1,1'-Biphenyl	9.22	154	1571101	54.486	nq	99
47) 2-Chloronaphthalene	9.25	162	1215588	54.724	nq	96
48) 2-Nitroaniline	9.35	65	453166	56.296	nq	99
49) Acenaphthylene	9.66	152	1719154	50.890	nq	100
50) Dimethylphthalate	9.53	163	1495381	56.591	nq	99
51) 2,6-Dinitrotoluene	9.59	165	311297	53.797	nq	98
52) Acenaphthene	9.83	154	1277344m	56.683	nq	
53) 3-Nitroaniline	9.75	138	135458	20.497	nq	98
54) 2,4-Dinitrophenol	9.87	184	368483	106.364	nq	100
55) Dibenzofuran	10.00	168	1575856	50.960	nq	98
56) 4-Nitrophenol	9.92	139	168514	34.270	nq	91
57) 2,4-Dinitrotoluene	9.99	165	400504	52.534	nq	90
58) Fluorene	10.35	166	1297917	52.482	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	335548	52.280	nq	99
60) Diethylphthalate	10.23	149	1420896	51.882	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	588209	46.405	nq	95
62) 4-Nitroaniline	10.37	138	318299	50.539	nq	99
63) Azobenzene	10.50	77	1318731	53.730	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	256914	56.421	nq	89
66) n-Nitrosodiphenylamine	10.46	169	1133717	49.321	nq	97
67) 4-Bromophenyl-phenylether	10.83	248	391364	45.531	nq	96
68) Hexachlorobenzene	10.90	284	427990	49.083	nq	96
69) Atrazine	11.00	200	365354	57.126	nq	97
70) Pentachlorophenol	11.09	266	500287	99.559	nq	99
71) Phenanthrene	11.31	178	1915217	52.065	nq	98
72) Anthracene	11.36	178	1863194	49.582	nq	100
73) Carbazole	11.52	167	1703753	47.943	nq	99
74) Di-n-butylphthalate	11.85	149	2097765	44.904	nq	99
75) Fluoranthene	12.50	202	1972179	49.689	nq	98
77) Benzidine	12.62	184	489477	33.033	nq	95
78) Pyrene	12.73	202	1904805	51.545	nq	100
80) Butylbenzylphthalate	13.35	149	871765	48.616	nq	98
81) Benzo(a)anthracene	13.92	228	1495850	51.871	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	285747	26.556	nq	95
83) Chrysene	13.96	228	1546869	52.791	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	1107357	45.602	nq	99
85) Di-n-octyl phthalate	14.53	149	1811369	43.810	nq	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1265242	48.985	nq	100
88) Benzo(b)fluoranthene	14.95	252	1406029	51.291	nq	99
89) Benzo(k)fluoranthene	14.98	252	1300479	54.983	nq	99
90) Benzo(a)pyrene	15.30	252	1211349	52.556	nq	100
91) Dibenzo(a,h)anthracene	16.79	278	1039120	50.896	nq	99
92) Benzo(g,h,i)perylene	17.20	276	1128498	55.996	nq	98

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

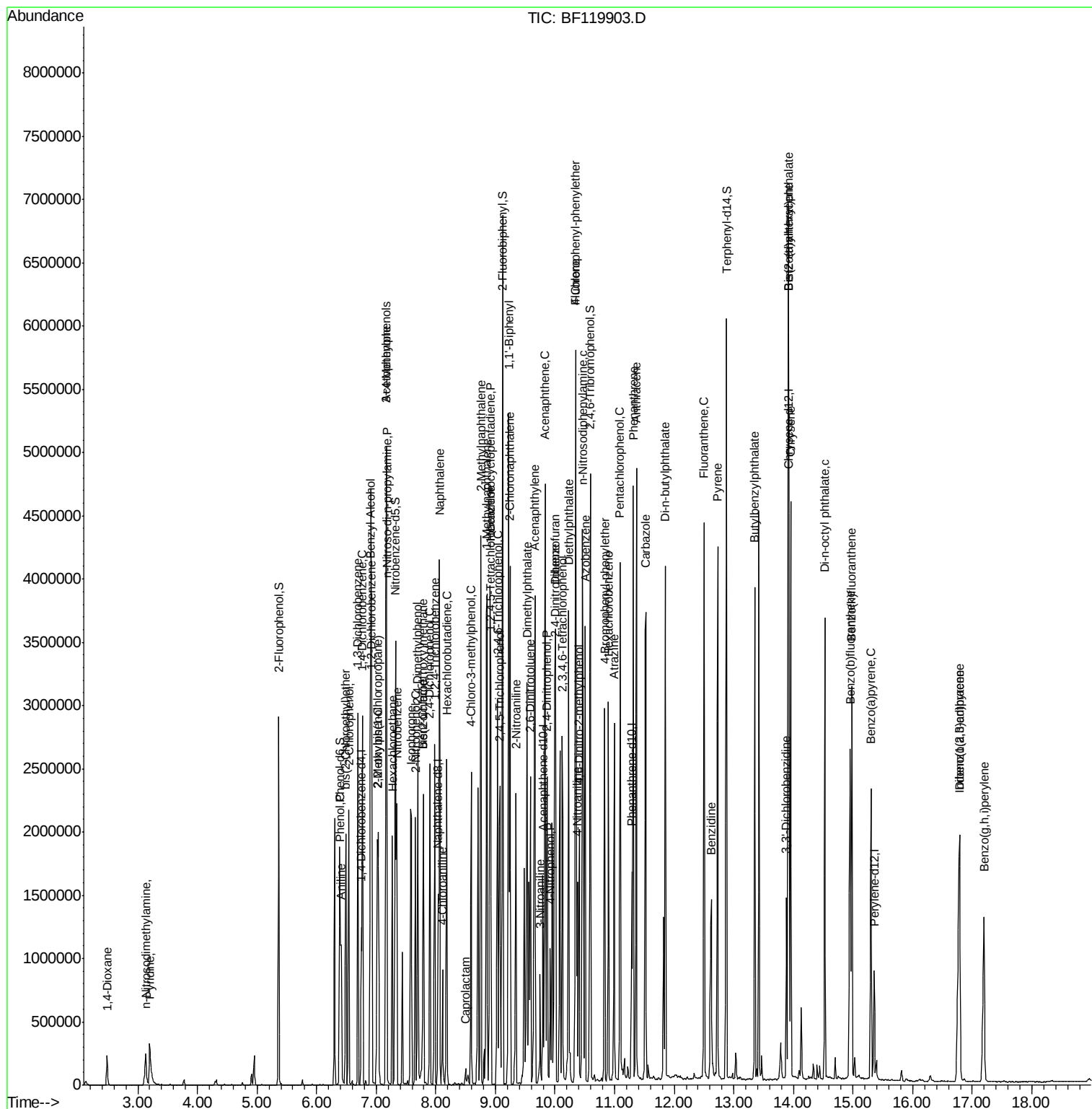
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119903.D
Acq On : 10 Apr 2020 19:06
Operator : MA/SJ
Sample : L2178-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

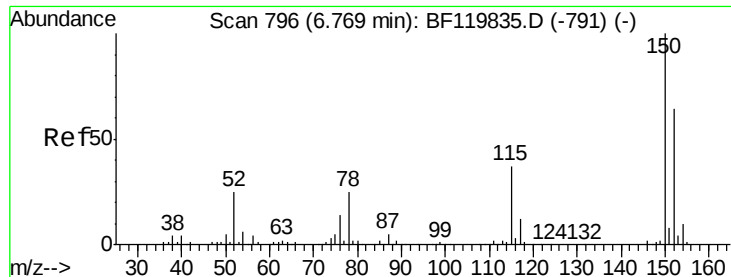
Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM

Quant Time: Apr 11 02:23:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration





#1

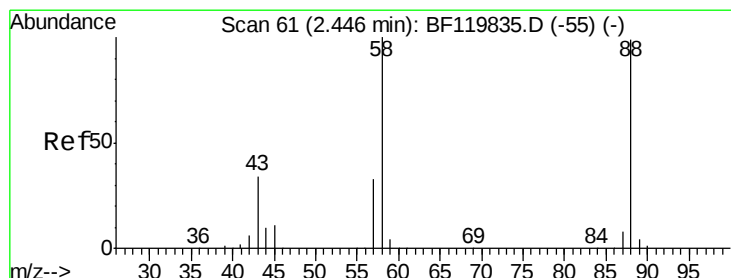
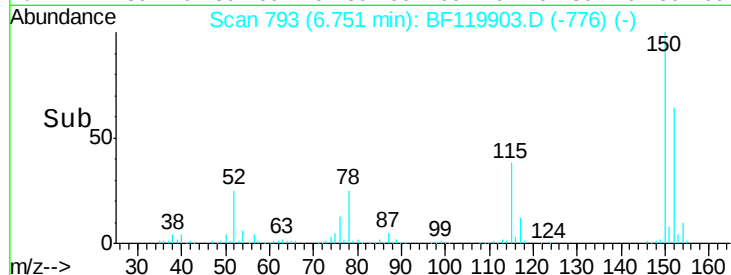
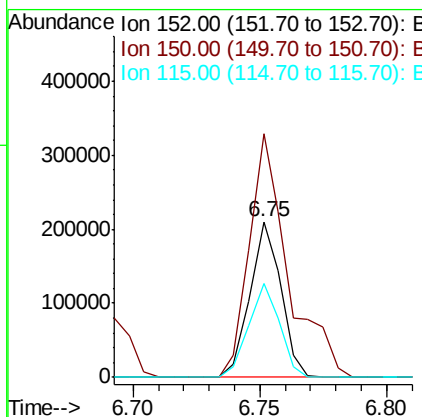
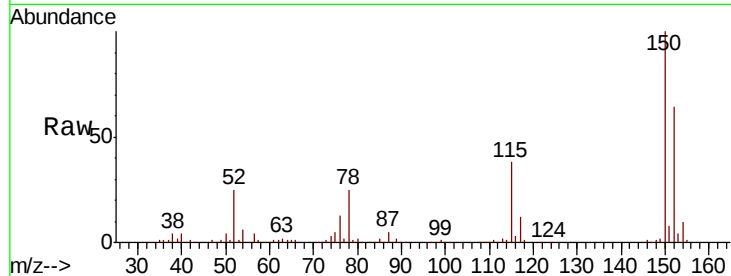
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	60.2	46.5	69.7

Manual Integrations
APPROVED

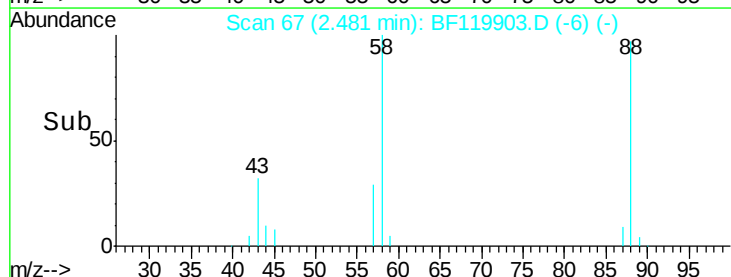
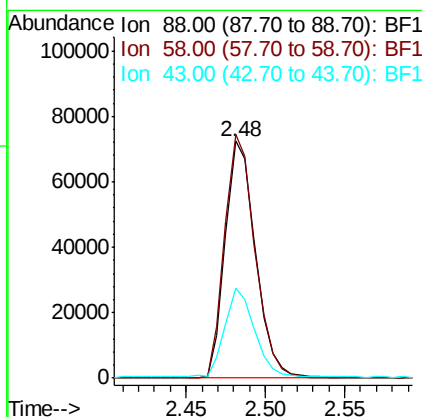
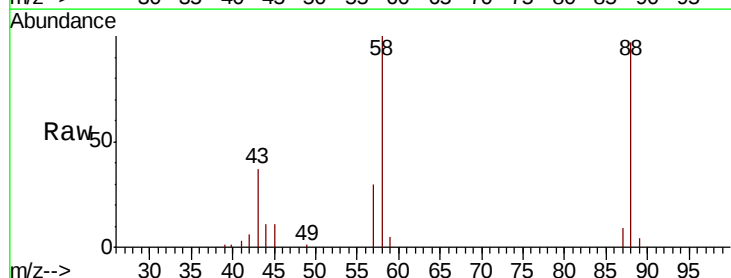
mohammad
4/14/2020 3:39:13 PM

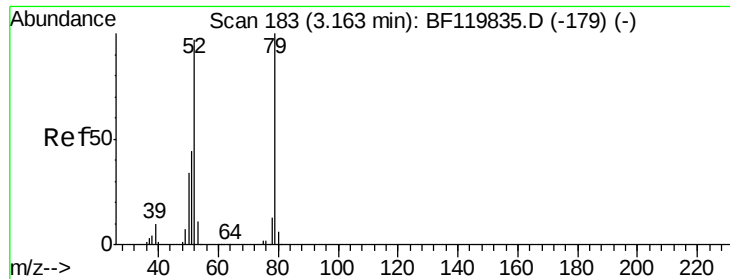


#2

1,4-Dioxane
Concen: 20.842 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.06 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.6	82.6	123.8
43	39.9	28.6	42.8





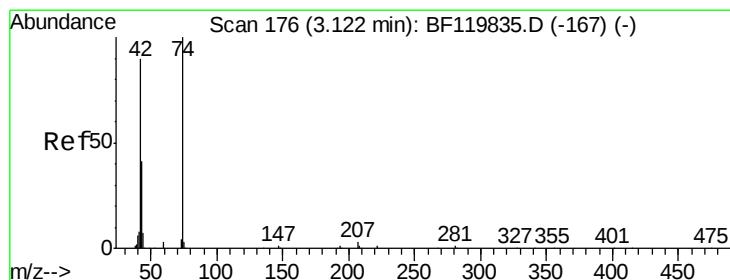
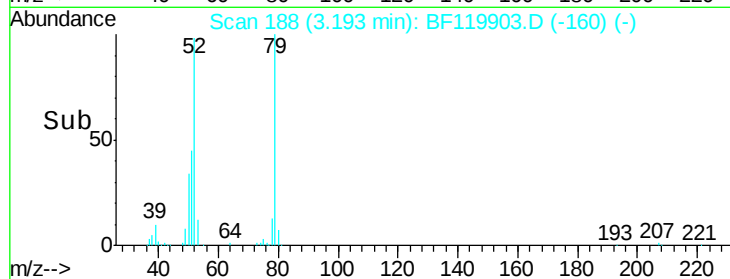
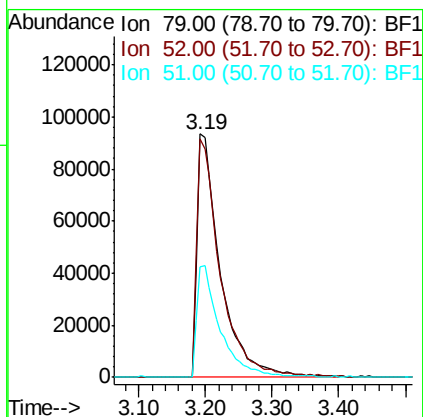
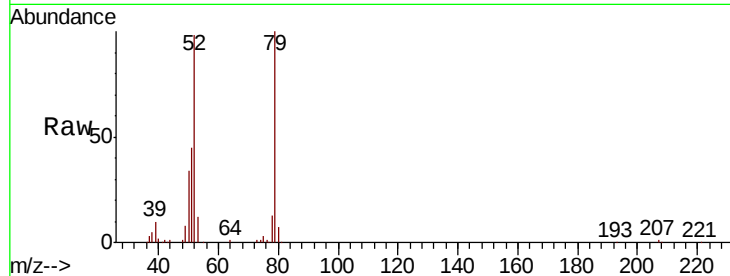
#3
 Pvridine
 Concen: 17.477 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.06 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	97.7	77.4	116.0
51	51	45.3	35.3	52.9

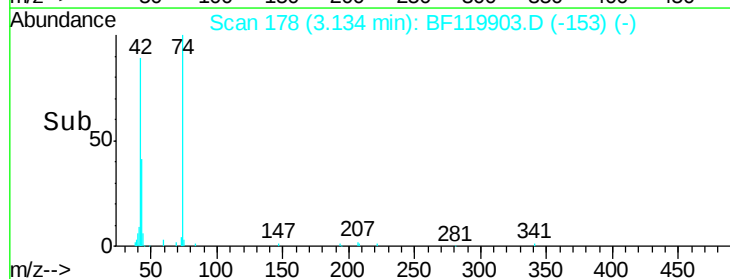
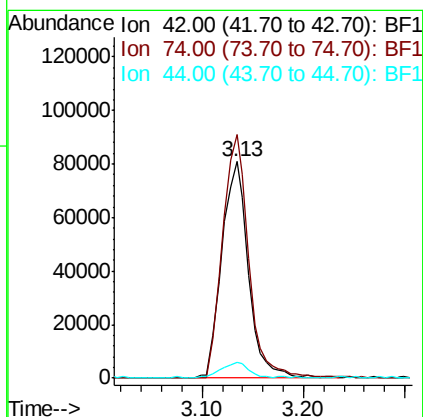
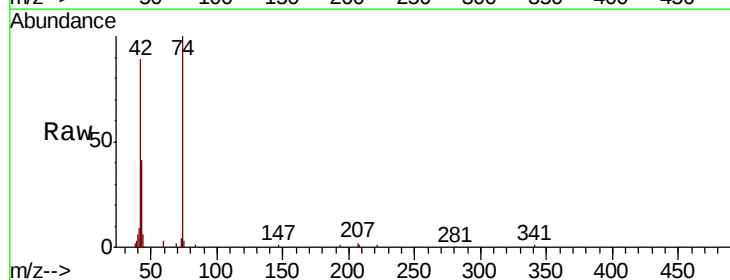
Manual Integrations
 APPROVED

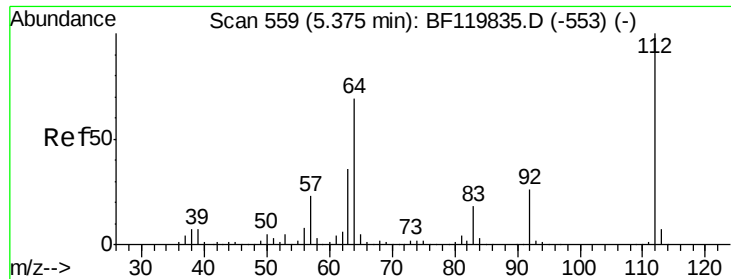
mohammad
 4/14/2020 3:39:13 PM



#4
 n-Nitrosodimethylamine
 Concen: 22.831 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.05 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	112.5	89.0	133.4
44	44	7.0	6.2	9.4





#5

2-Fluorophenol

Concen: 72.608 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

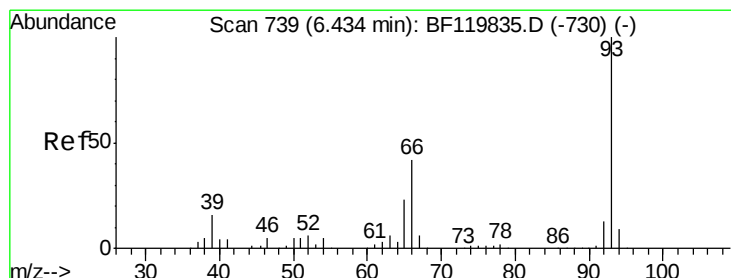
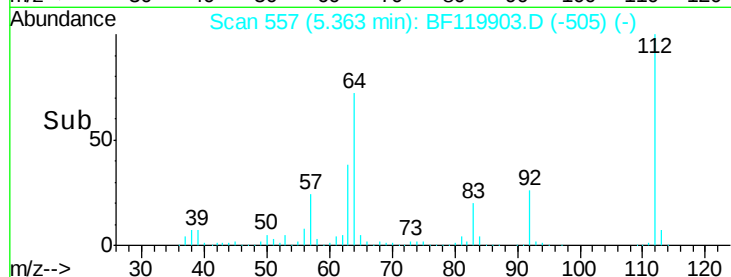
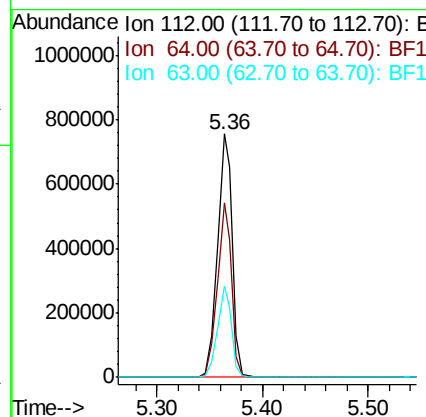
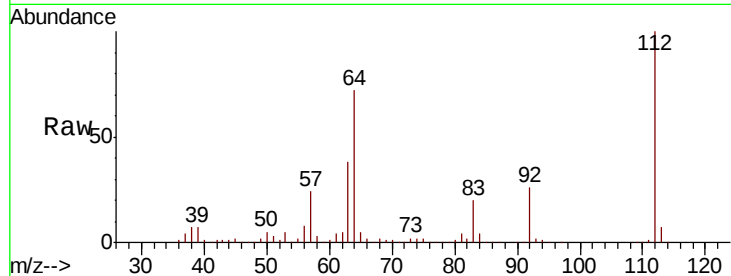
ClientSampleId :

MW-1DMS

Tot Ion:	112	Resp:	750823
Ion Ratio	Lower	Upper	
112	100		
64	71.6	55.5	83.3
63	37.6	29.1	43.7

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#6

Aniline

Concen: 24.370 ng

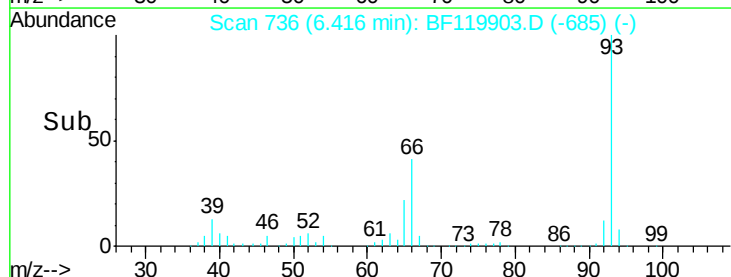
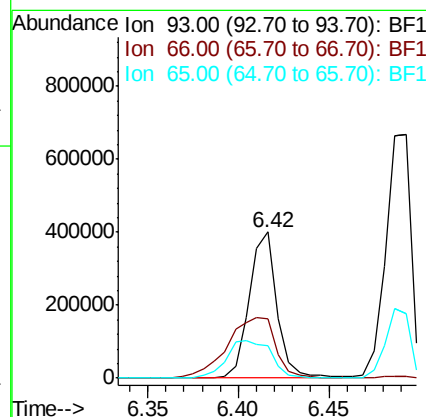
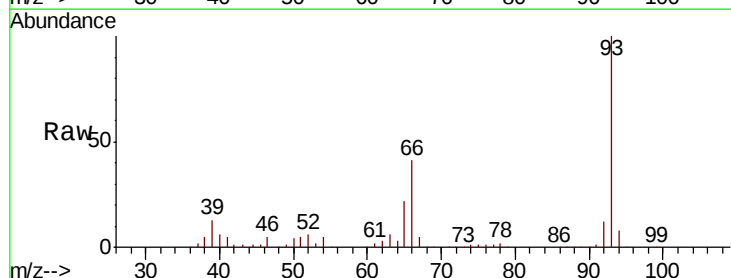
RT: 6.42 min Scan# 736

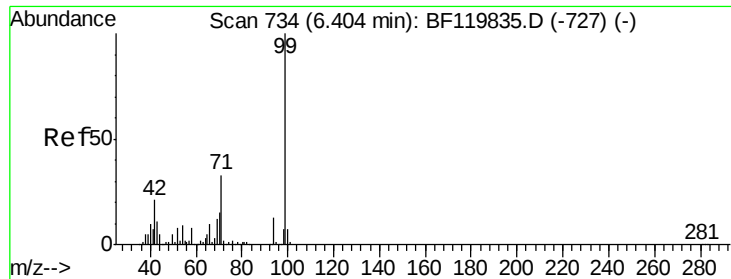
Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:	93	Resp:	426198
Ion Ratio	Lower	Upper	
93	100		
66	40.7	34.2	51.2
65	22.1	18.3	27.5





#7

Phenol-d6

Concen: 48.337 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

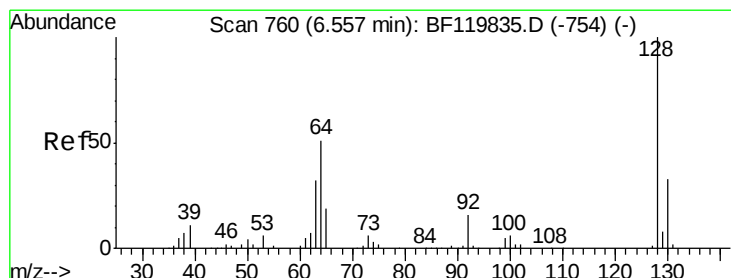
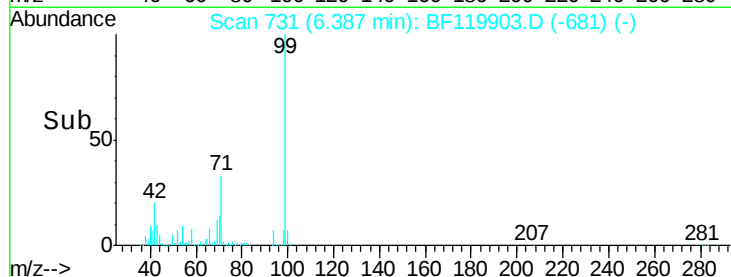
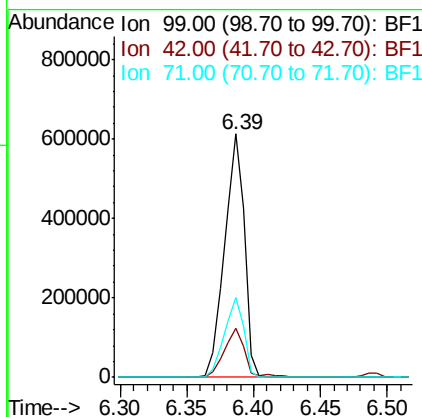
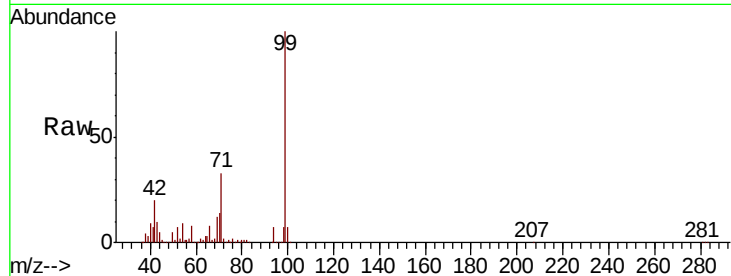
ClientSampleId :

MW-1DMS

Tot Ion:	99	Resp:	644069
Ion Ratio	Lower	Upper	
99	100		
42	20.0	16.9	25.3
71	32.8	26.3	39.5

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#8

2-Chlorophenol

Concen: 49.396 ng

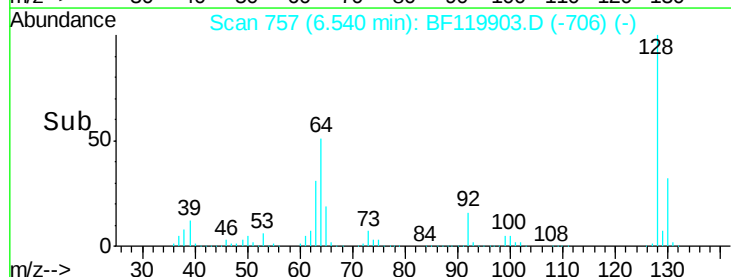
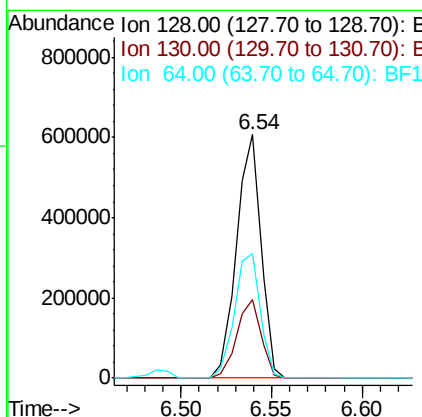
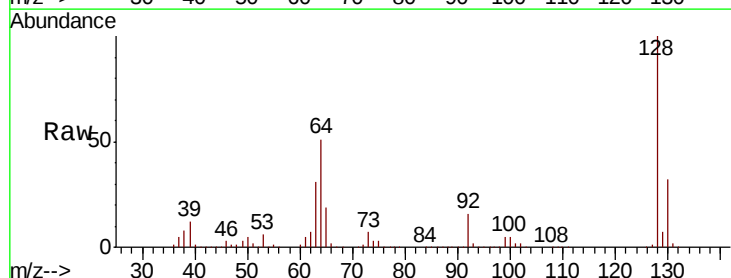
RT: 6.54 min Scan# 757

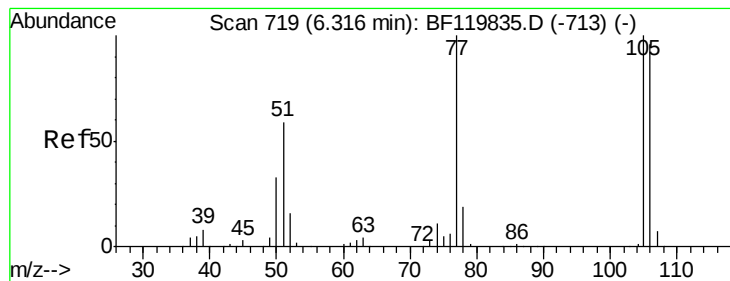
Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:	128	Resp:	570728
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	51.2	32.0	72.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

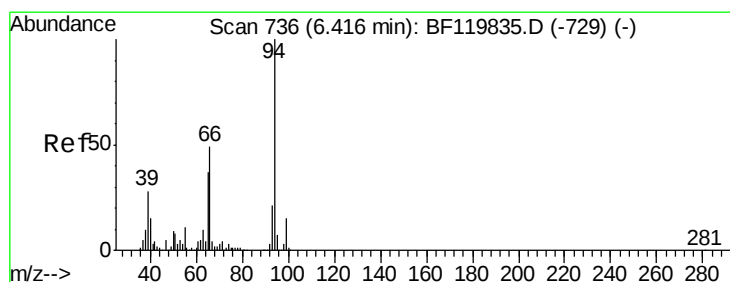
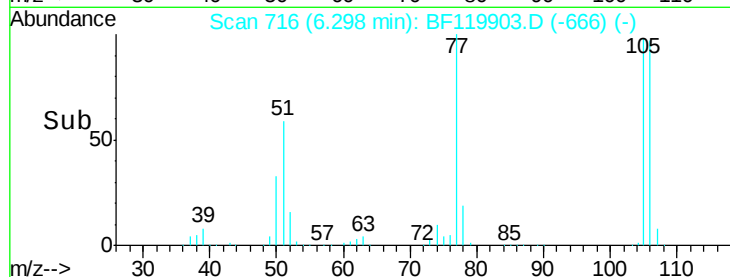
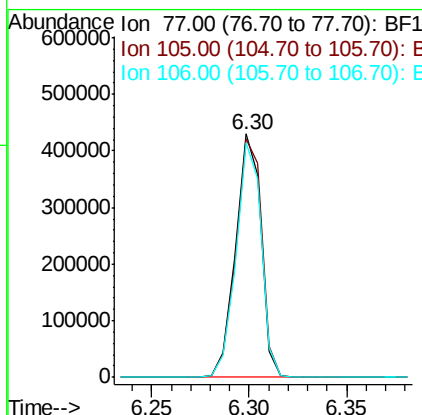
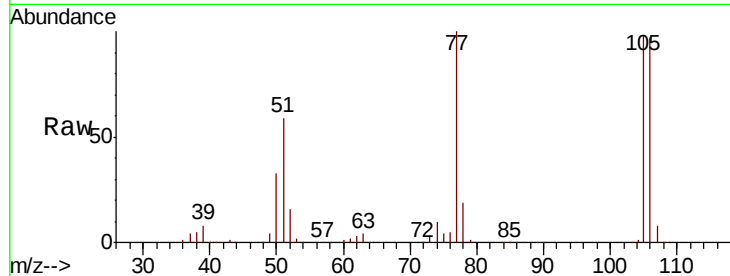
ClientSampled :

MW-1DMS

Tot Ion:	77	Resp:	387423
Ion	Ratio	Lower	Upper
77	100		
105	97.8	79.9	119.9
106	96.6	76.4	116.4

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#10

Phenol

Concen: 19.122 ng

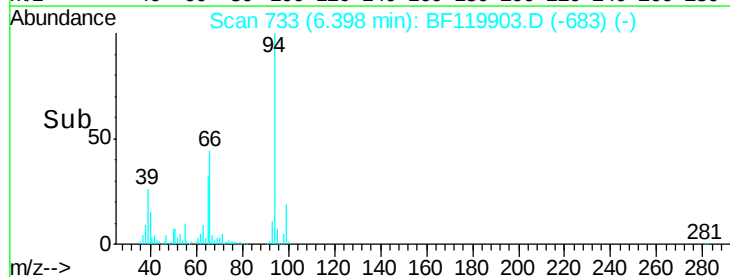
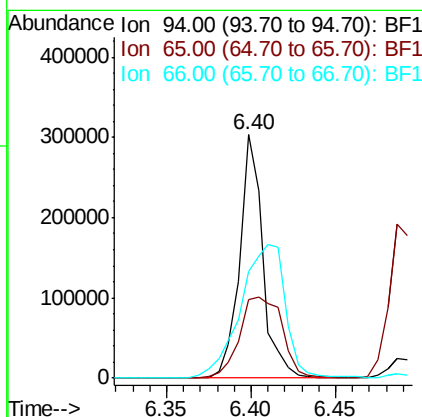
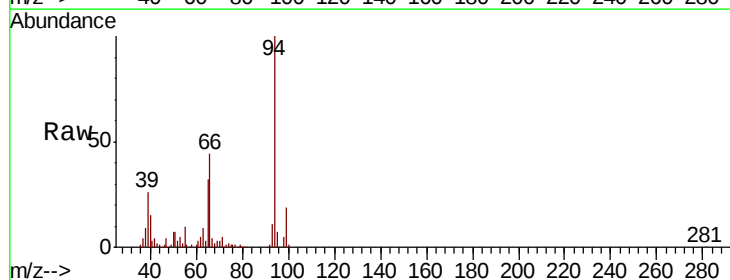
RT: 6.40 min Scan# 733

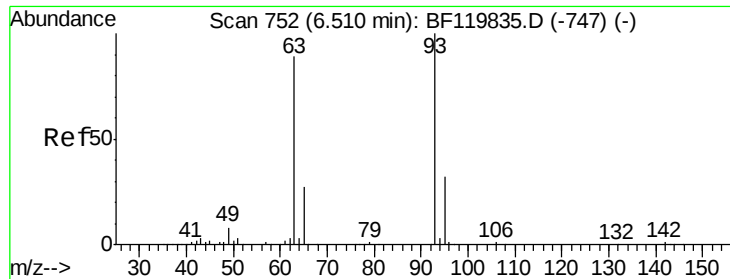
Delta R.T. -0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:	94	Resp:	289056
Ion	Ratio	Lower	Upper
94	100		
65	32.4	16.6	56.6
66	44.0	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 54.825 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

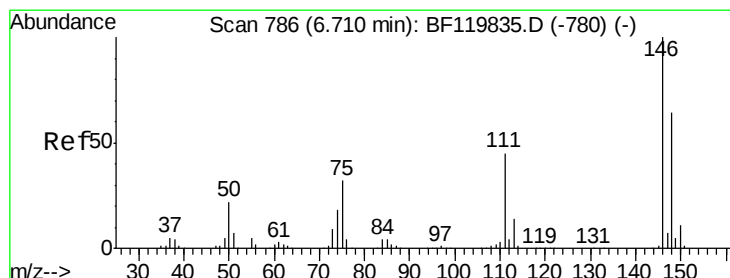
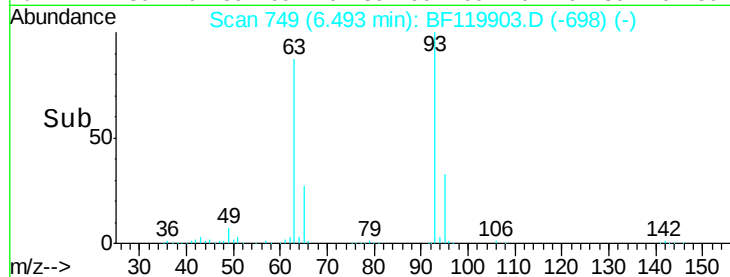
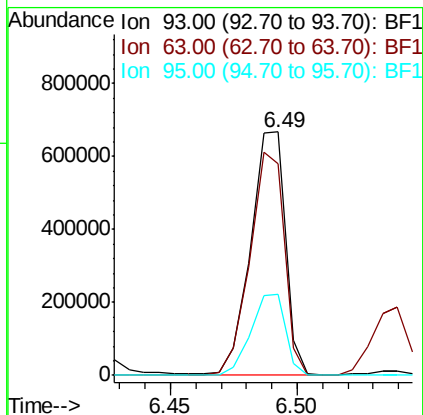
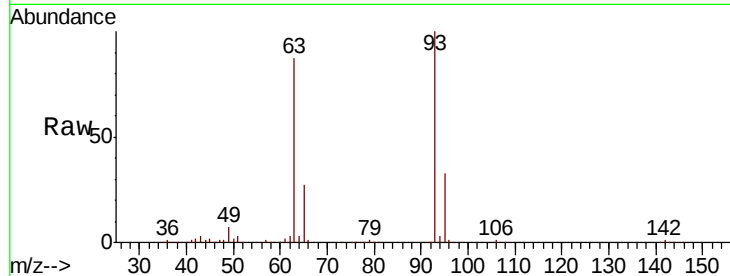
ClientSampleId :

MW-1DMS

Tot Ion:	93	Resp:	639911
Ion Ratio	Lower	Upper	
93	100		
63	87.1	69.1	109.1
95	33.3	12.3	52.3

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#12

1,3-Dichlorobenzene

Concen: 50.033 ng

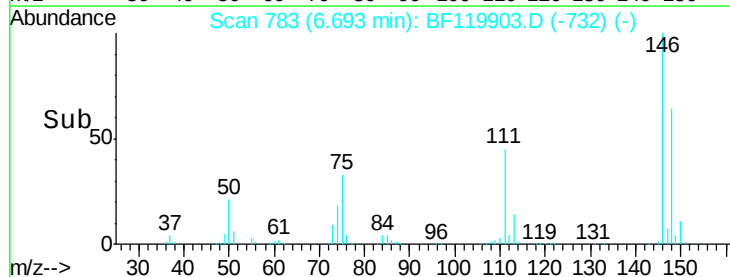
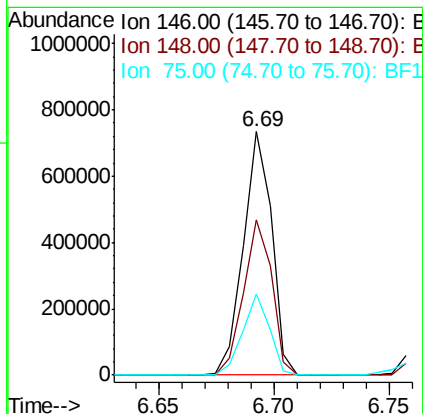
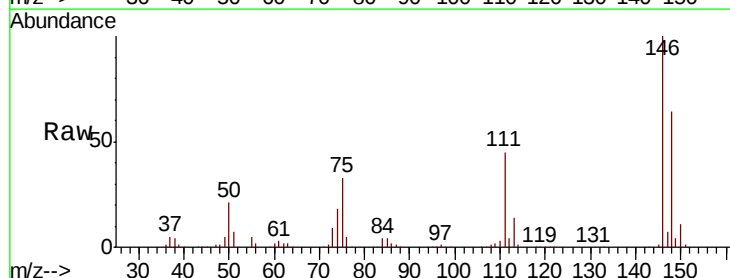
RT: 6.69 min Scan# 783

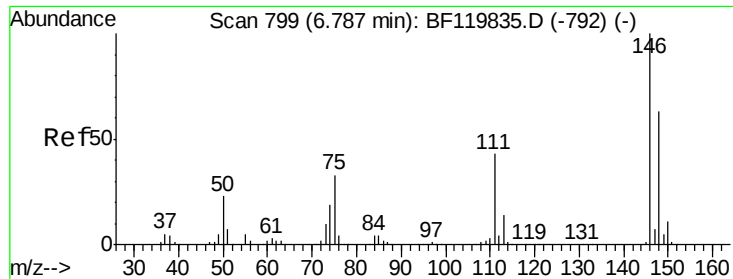
Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:	146	Resp:	632880
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.3	76.9
75	33.1	25.3	37.9





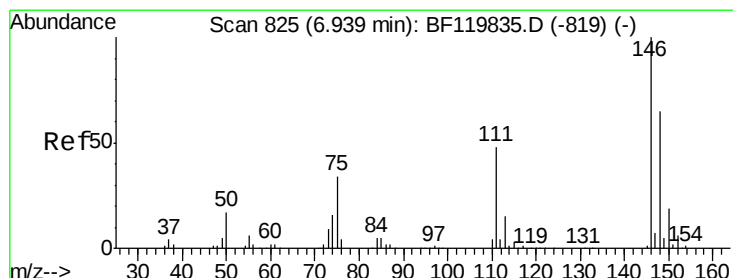
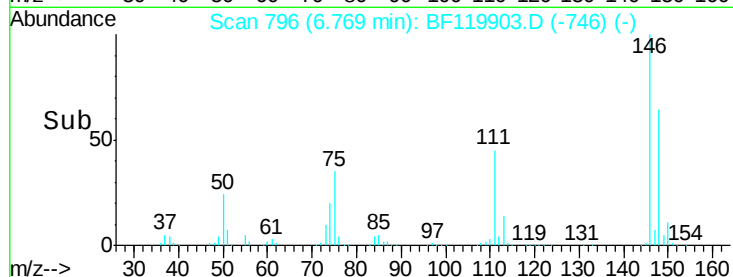
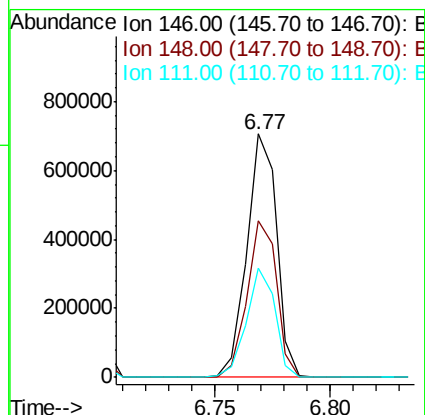
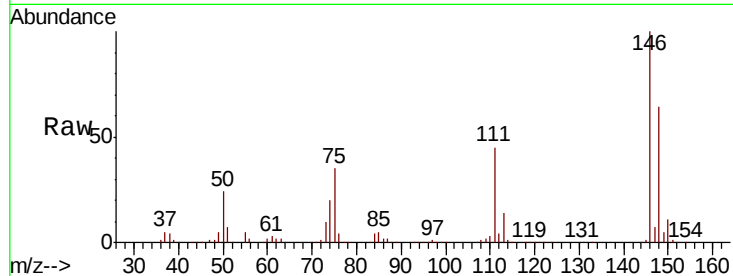
#13
 1,4-Dichlorobenzene
 Concen: 49.537 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
111	44.9	34.7	52.1

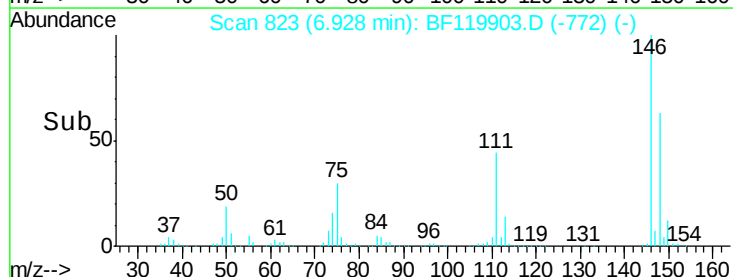
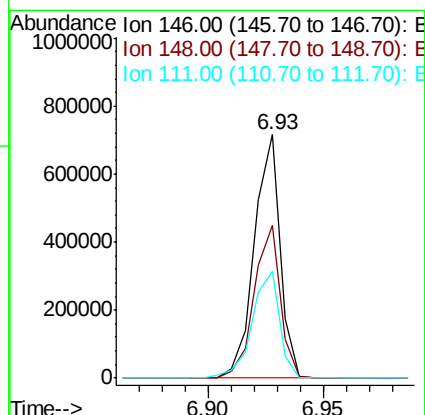
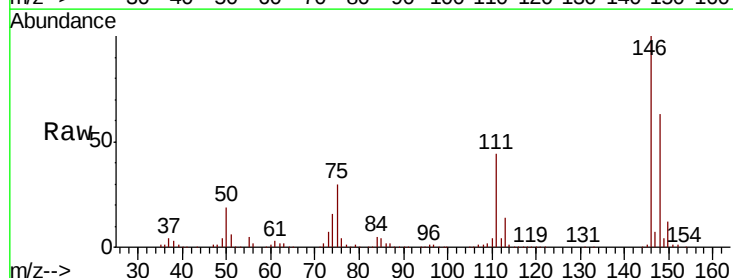
Manual Integrations
 APPROVED

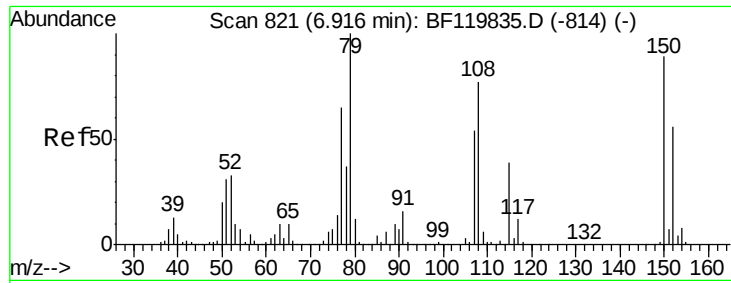
mohammad
 4/14/2020 3:39:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.332 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
111	43.7	38.0	57.0





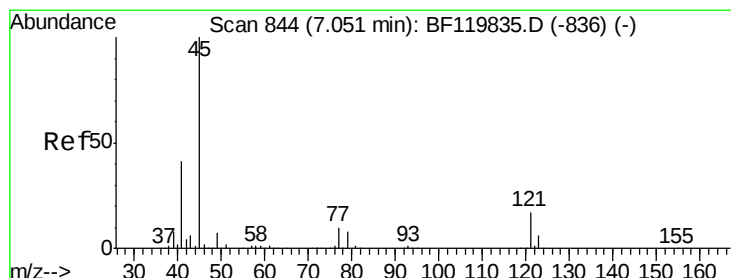
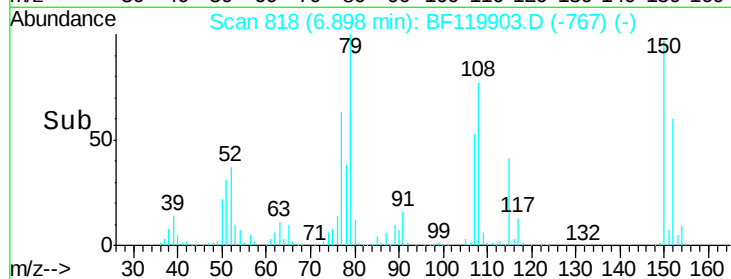
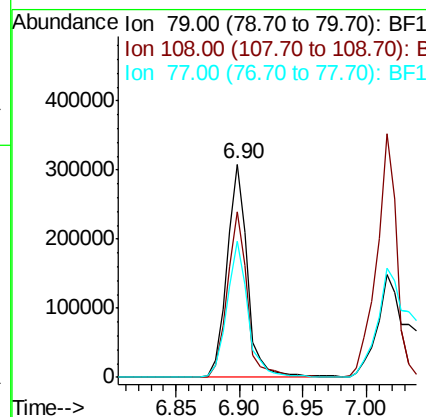
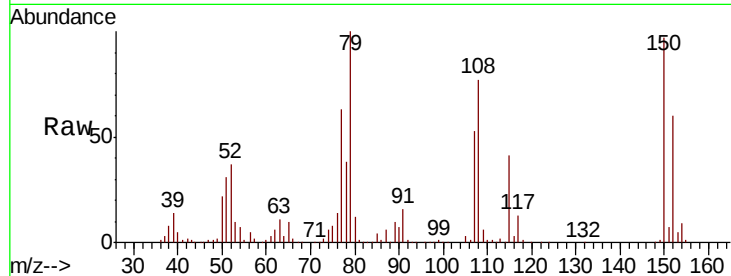
#15
Benzyl Alcohol
Concen: 33.366 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	62.0	93.0
77	63.5	51.8	77.6

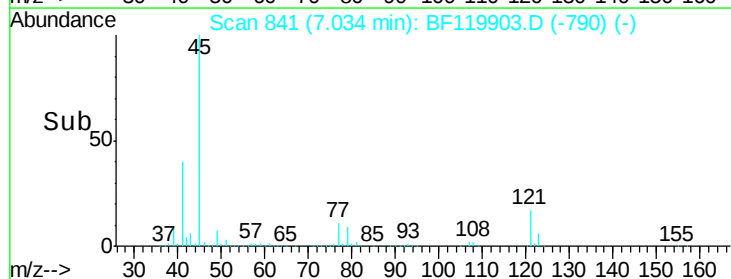
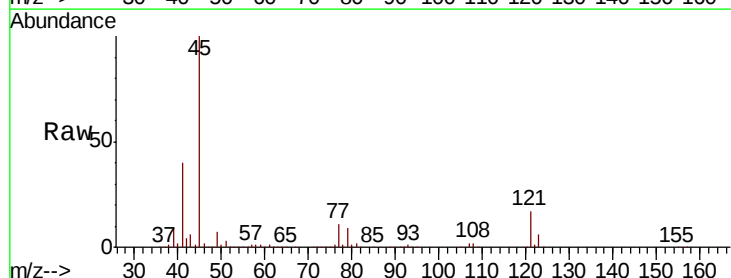
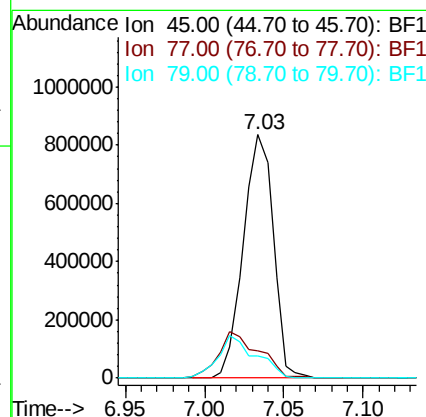
Manual Integrations
APPROVED

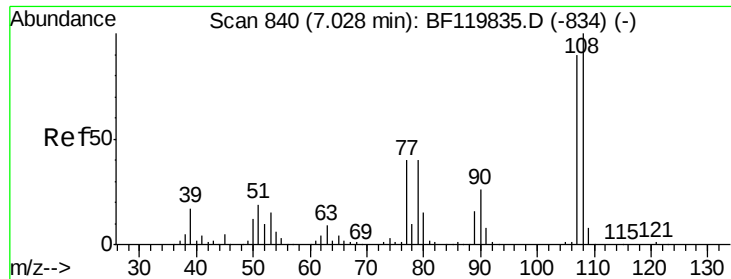
mohammad
4/14/2020 3:39:13 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.490 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.7
79	9.2	0.0	28.6





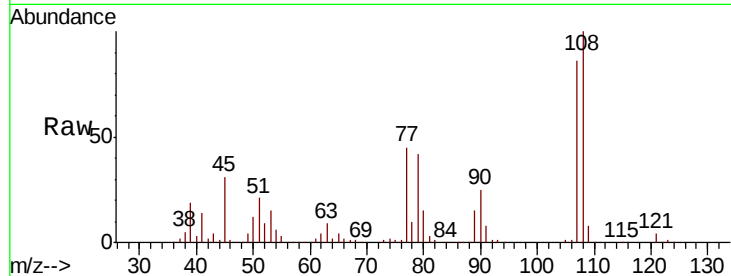
#17
2-Methylphenol
Concen: 32.762 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	116.0	88.8	133.2	
77	77	52.1	36.0	54.0	
79	79	48.7	35.7	53.5	

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



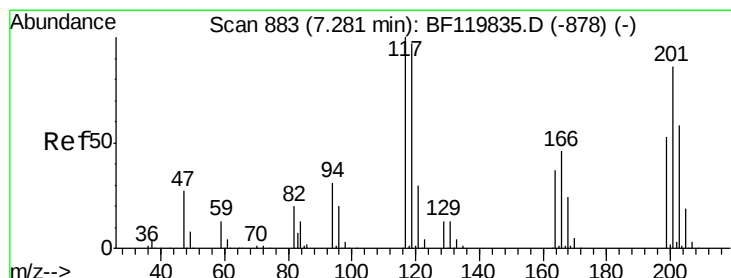
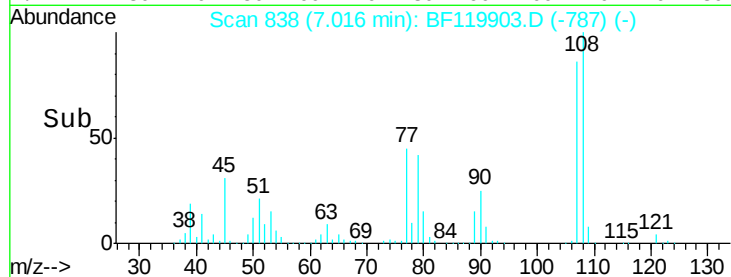
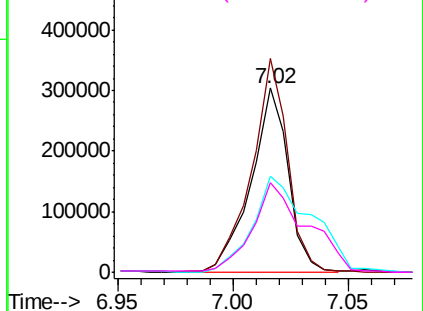
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

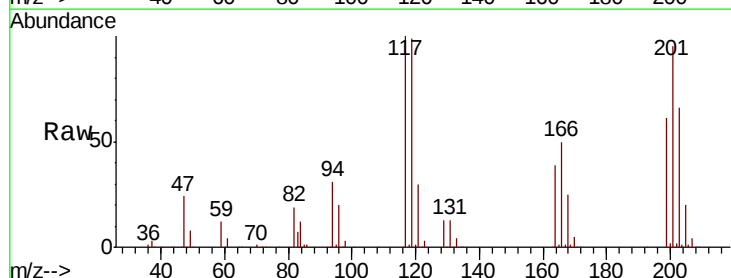
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.975 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	99.0	77.4	116.0	
201	201	95.4	68.4	102.6	

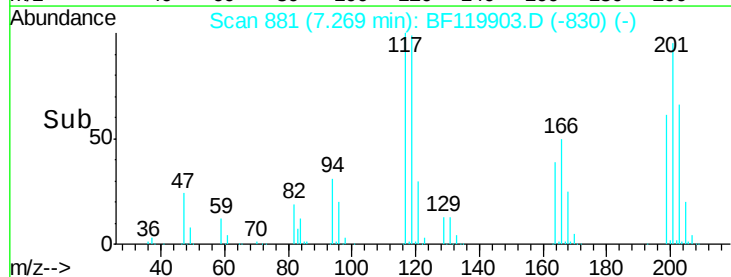
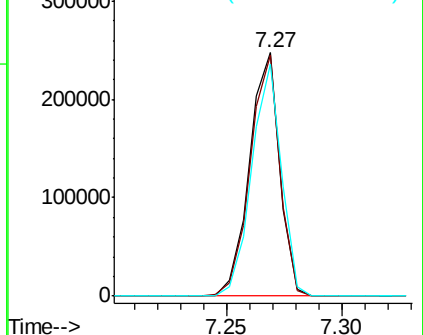


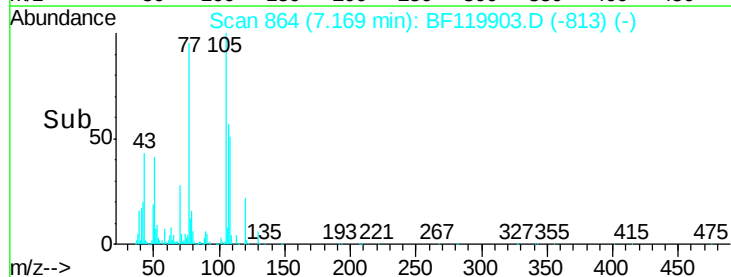
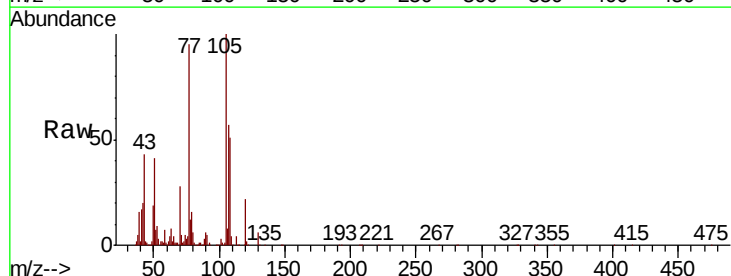
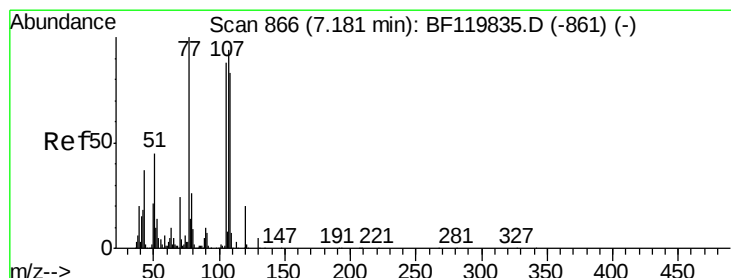
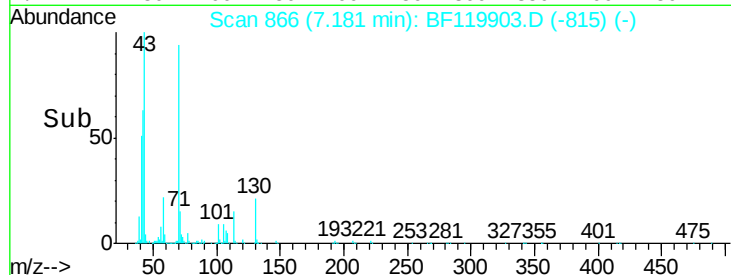
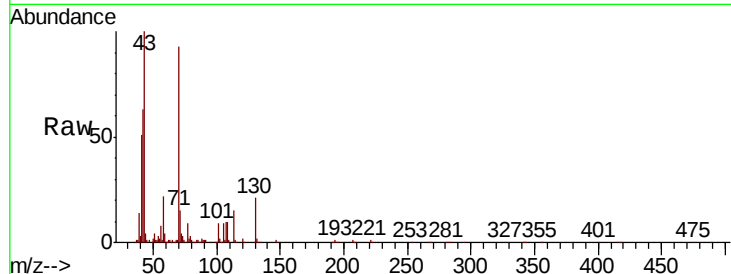
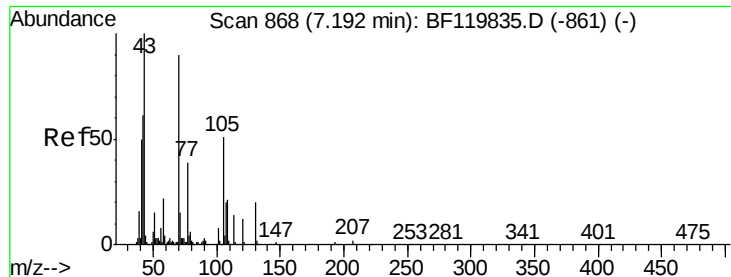
Abundance

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: 52.233 ng

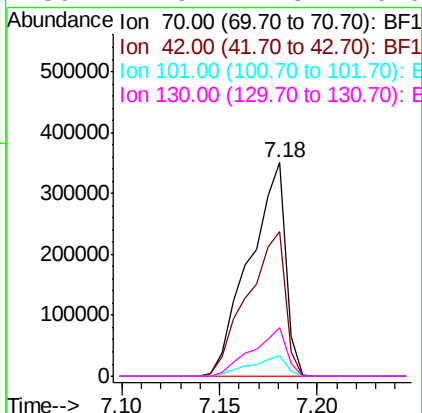
RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	54.2	81.4	
101	9.6	7.4	11.2	
130	22.6	17.8	26.6	



Instrument :

BNA_F

ClientSampleId :

MW-1DMS

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM

#20

3+4-Methylphenols

Concen: 29.627 ng

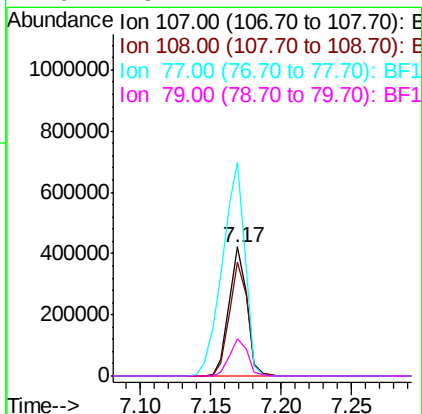
RT: 7.17 min Scan# 864

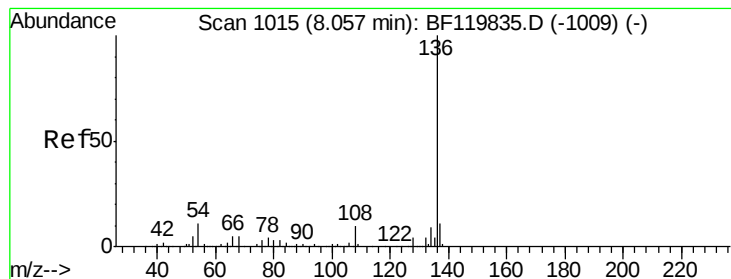
Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.2	108.2	
77	165.6	86.6	126.6#	
79	28.7	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

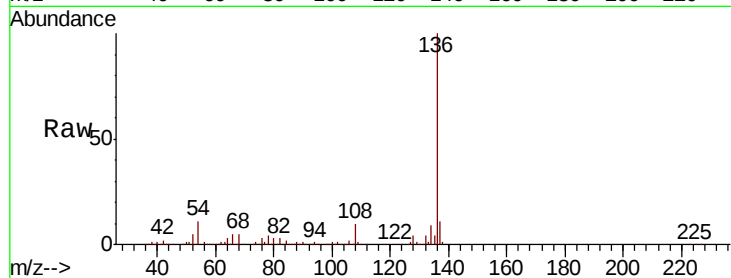
ClientSampleId :

MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	697520		
137	11.1	8.7	13.1	
54	10.7	8.5	12.7	
68	5.4	3.9	5.9	

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM

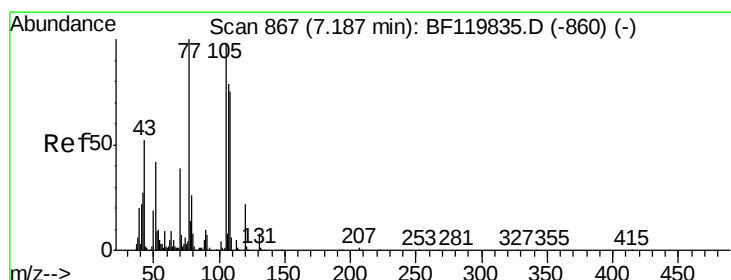
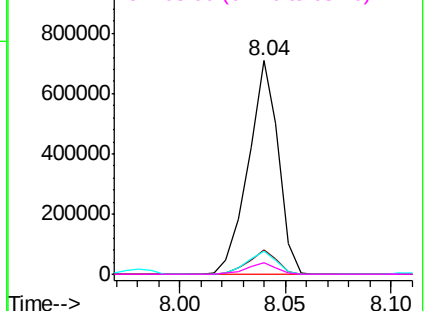
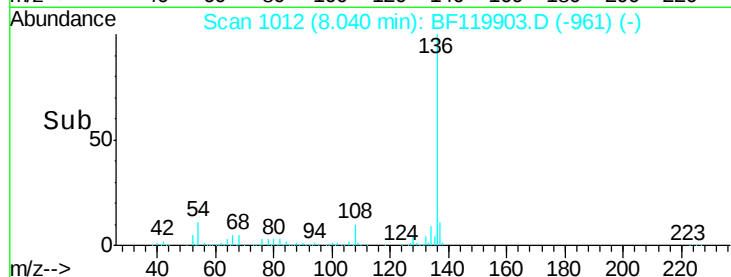


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 51.888 ng

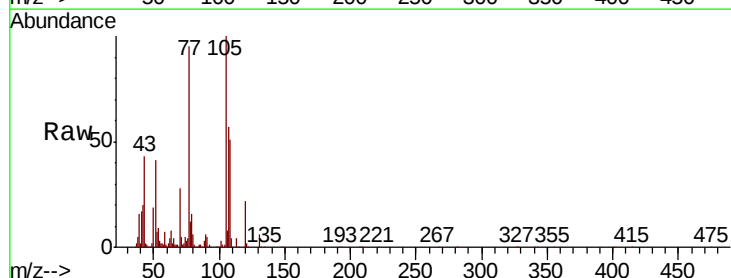
RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	847525		
71	4.5	5.6	8.4#	
51	40.7	33.9	50.9	
120	22.5	17.8	26.8	

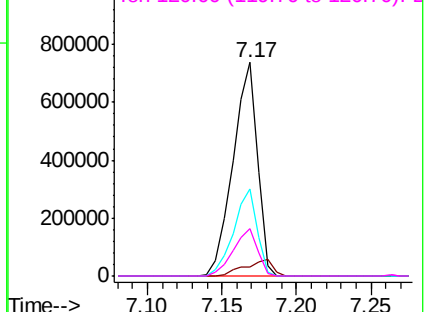
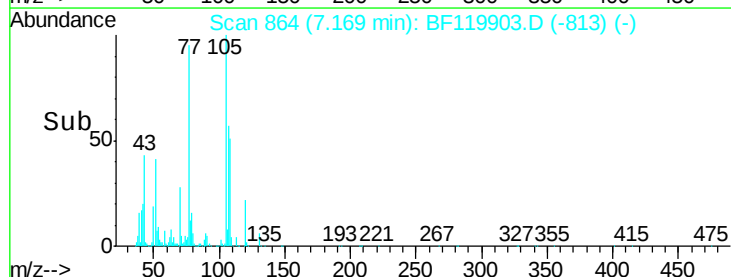


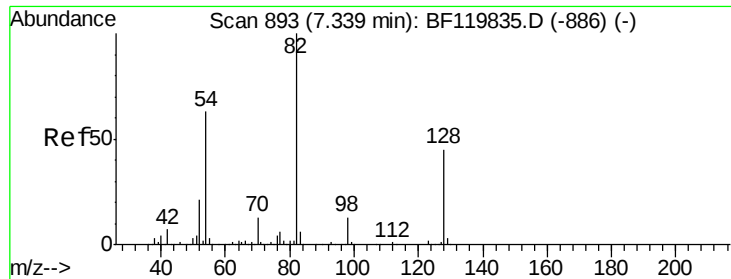
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





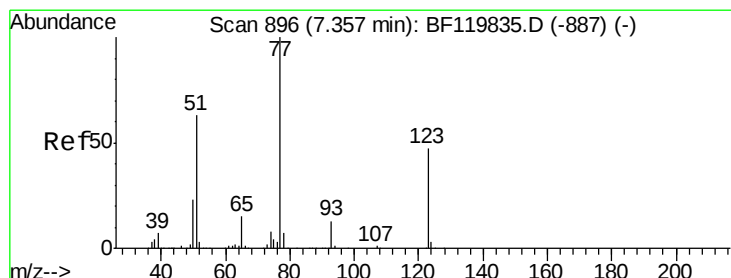
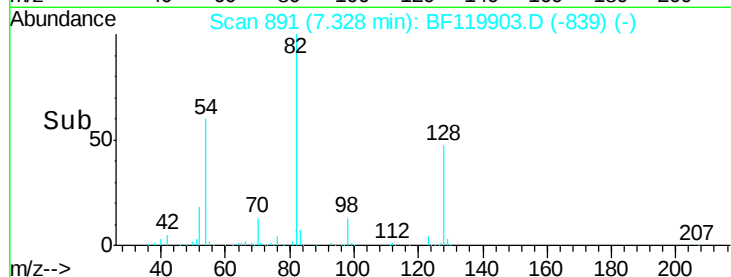
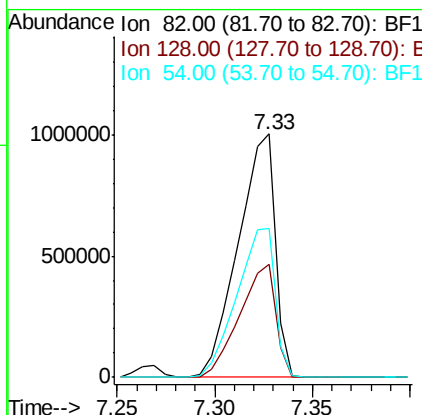
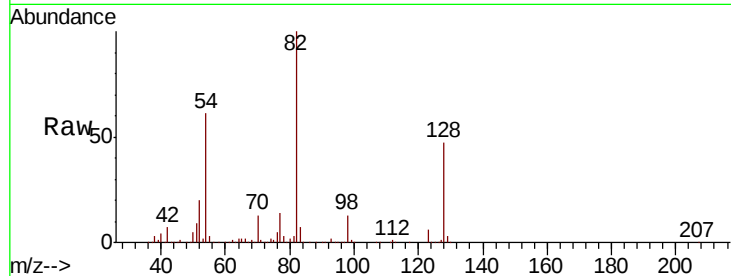
#23
 Nitrobenzene-d5
 Concen: 98.130 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.2	54.4
54	61.0	50.4	75.6

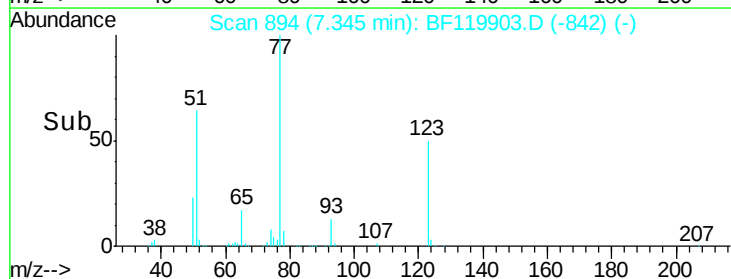
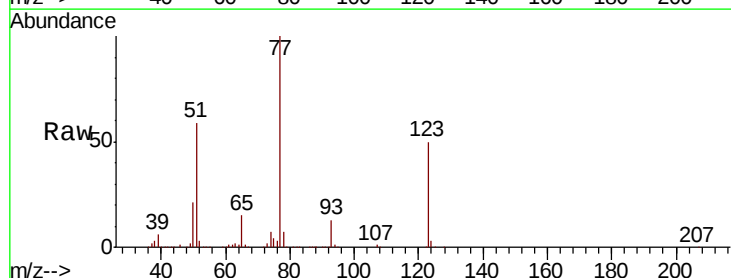
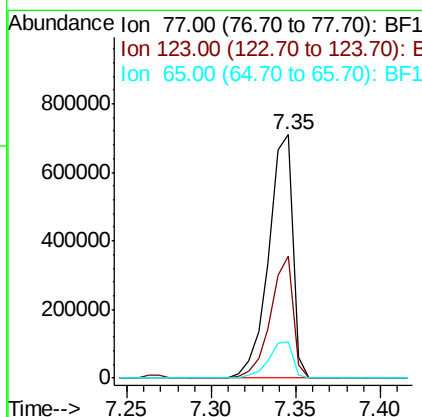
Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:13 PM



#24
 Nitrobenzene
 Concen: 51.419 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.9	12.2	18.2





#25

Isophorone

Concen: 48.729 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1DMS

Tot Ion: 82 Resp: 1266520

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

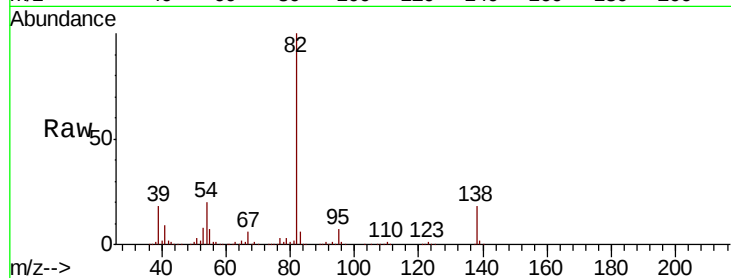
138 17.5 14.5 21.7

Manual Integrations

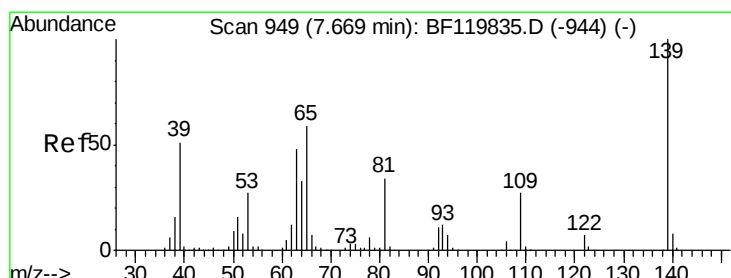
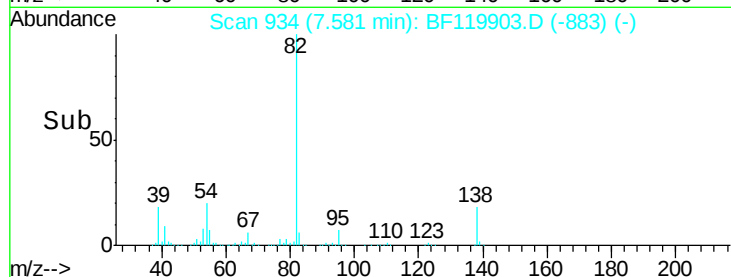
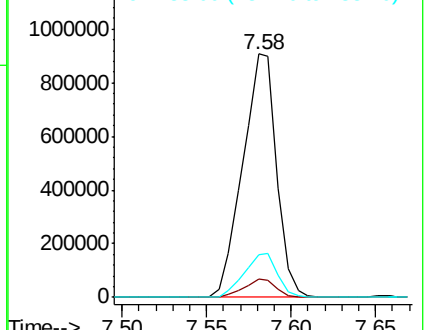
APPROVED

mohammad

4/14/2020 3:39:13 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.469 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

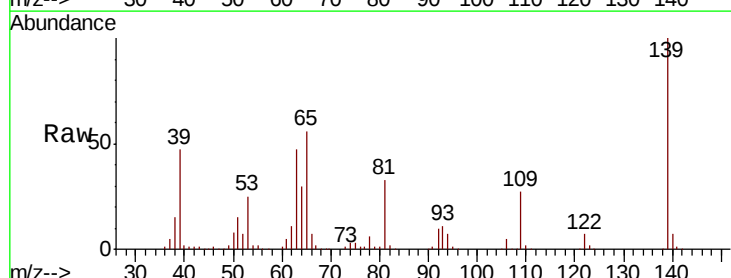
Tgt Ion: 139 Resp: 362317

Ion Ratio Lower Upper

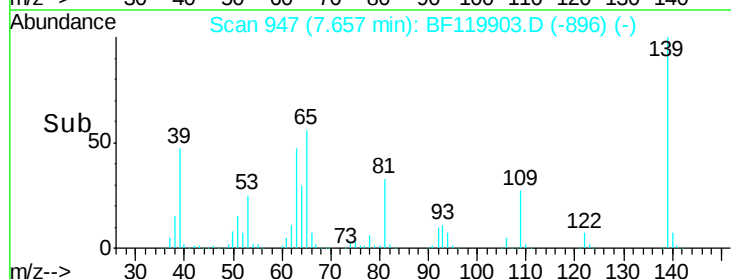
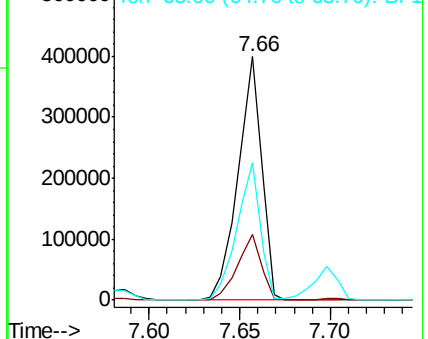
139 100

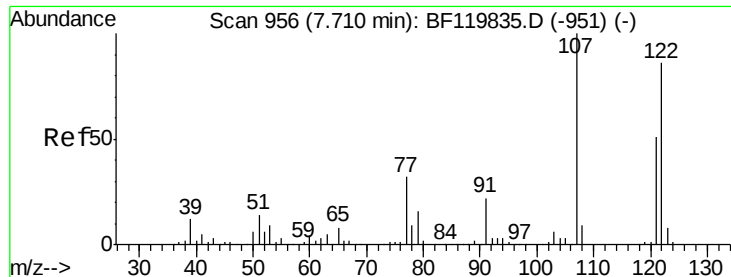
109 27.1 21.8 32.6

65 56.3 47.0 70.4



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





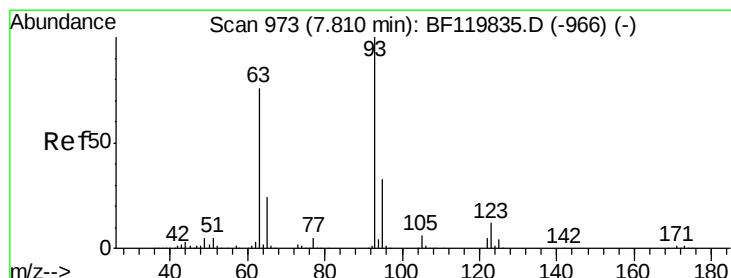
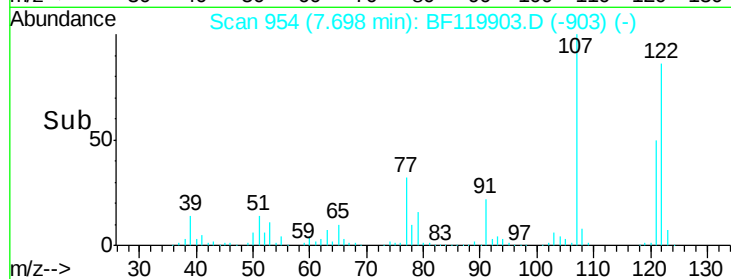
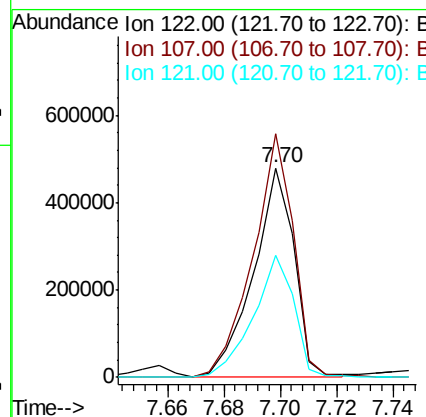
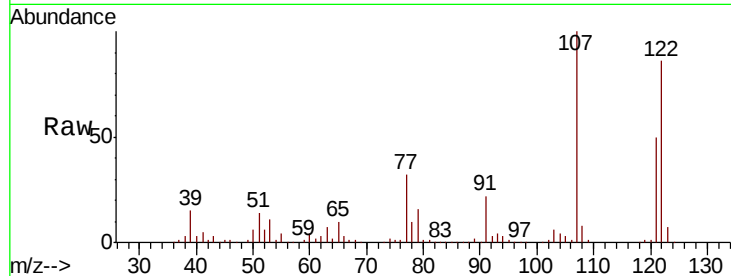
#27
 2,4-Dimethylphenol
 Concen: 46.951 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		479827		
107	116.2	92.3	138.5		
121	58.3	46.6	70.0		

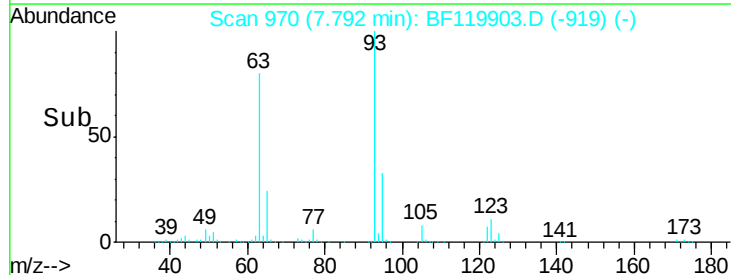
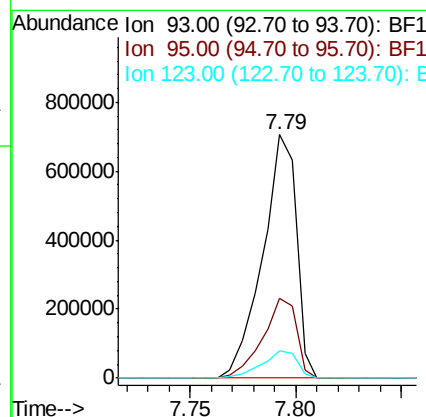
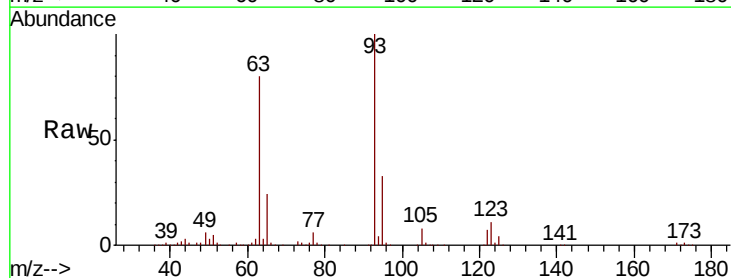
Manual Integrations
 APPROVED

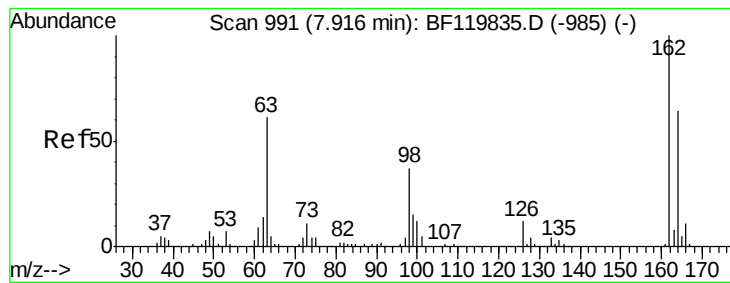
mohammad
 4/14/2020 3:39:13 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.295 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		784517		
95	32.7	26.4	39.6		
123	11.2	9.7	14.5		





#29

2,4-Dichlorophenol

Concen: 50.820 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

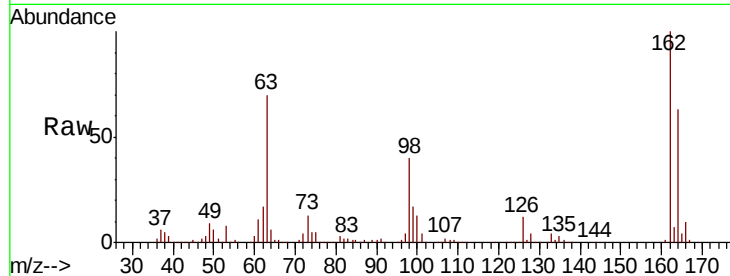
ClientSampleId :

MW-1DMS

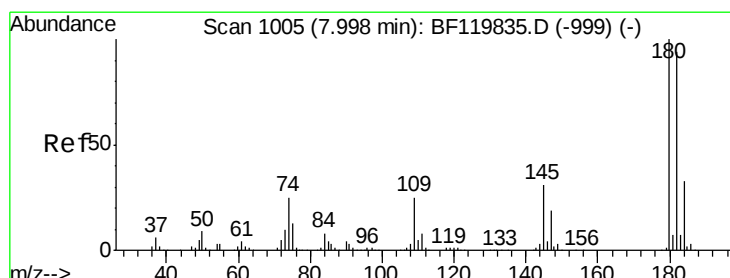
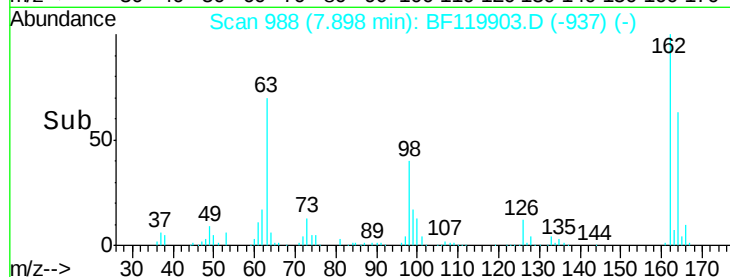
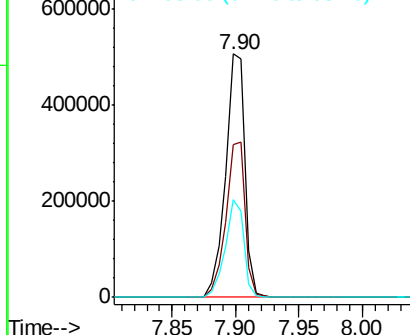
Tot Ion:	162	Resp:	532371
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.4	84.4
98	40.2	17.3	57.3

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



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



#30

1,2,4-Trichlorobenzene

Concen: 48.749 ng

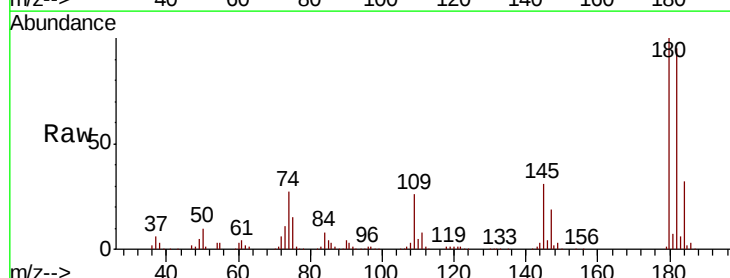
RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

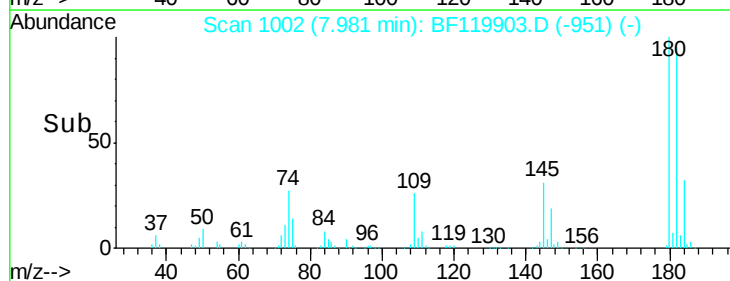
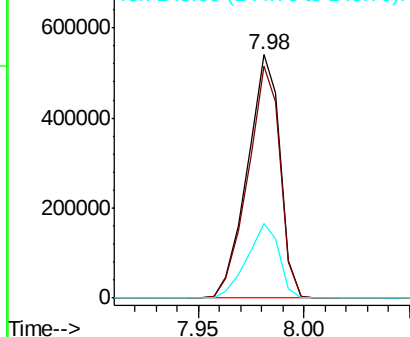
Lab File: BF119903.D

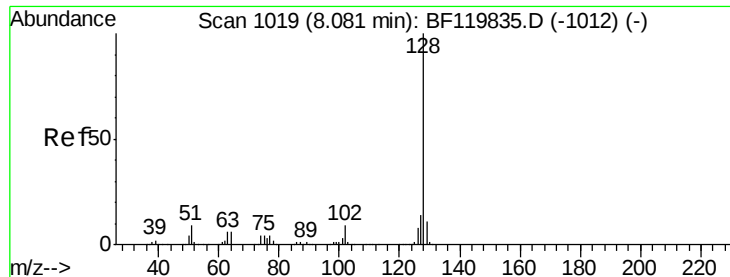
Acq: 10 Apr 2020 19:06

Tgt Ion:	180	Resp:	578640
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.4	113.0
145	30.7	24.6	37.0



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





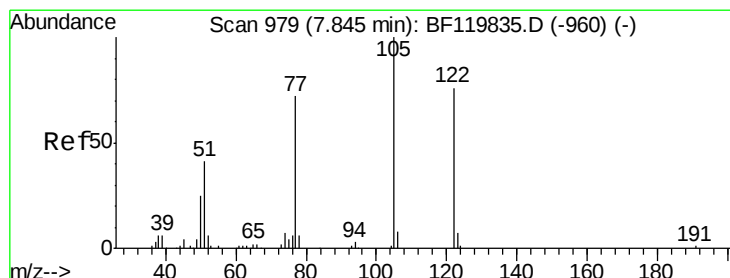
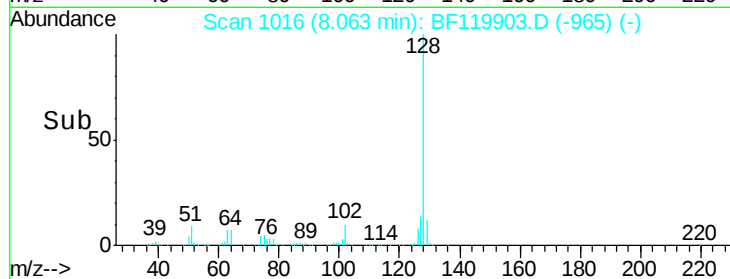
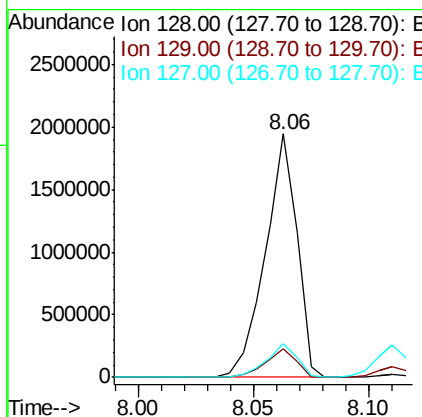
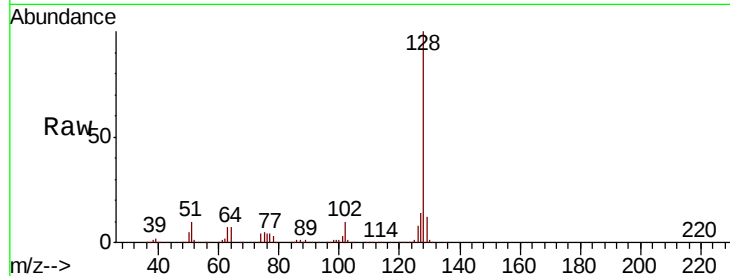
#31
Naphthalene
Concen: 50.371 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.8	11.0	16.4

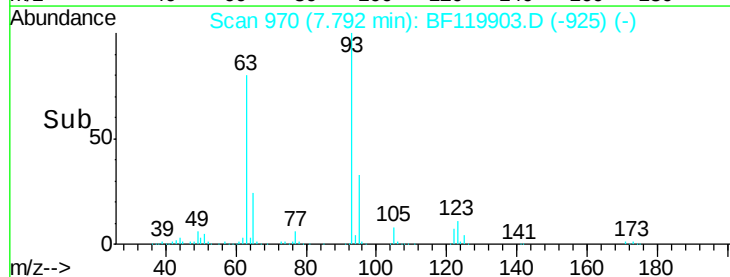
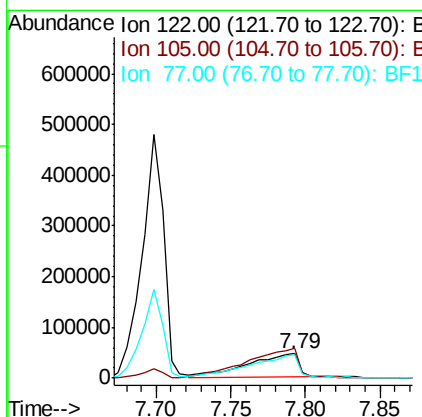
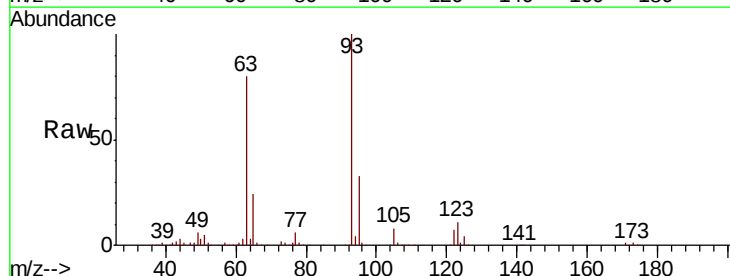
Manual Integrations
APPROVED

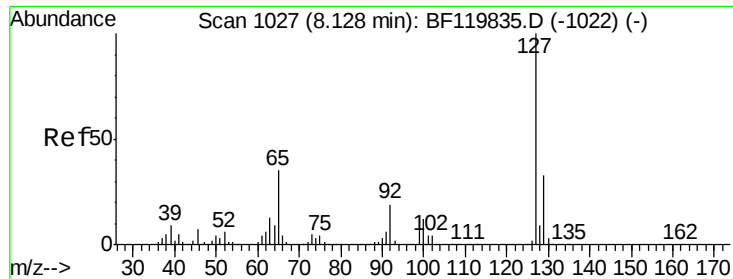
mohammad
4/14/2020 3:39:13 PM



#32
Benzoic acid
Concen: 12.333 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.04 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	106.7	146.7
77	95.1	72.1	112.1





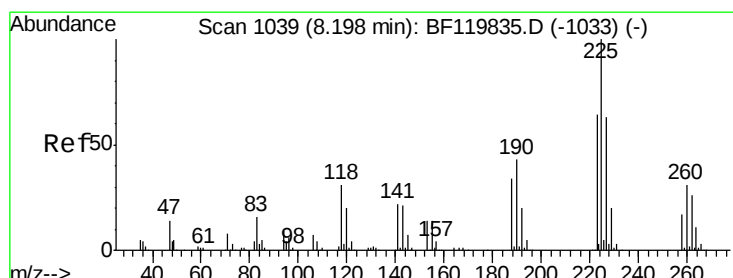
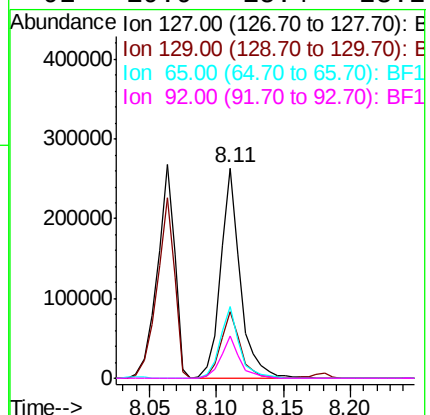
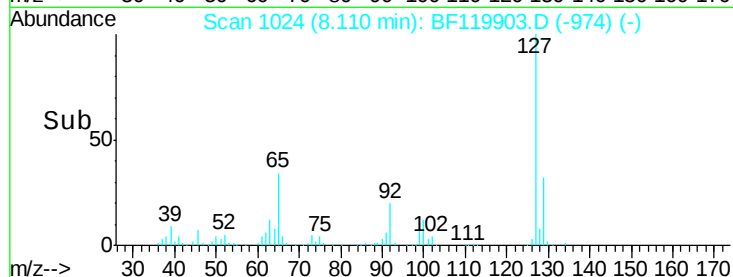
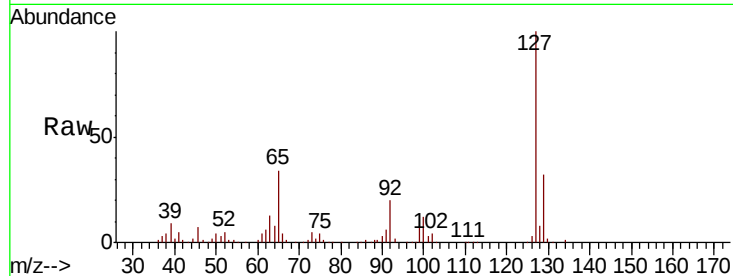
#33
4-Chloroaniline
Concen: 17.092 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		273070		
129	31.6	26.2	39.2		
65	34.0	28.3	42.5		
92	19.9	15.4	23.2		

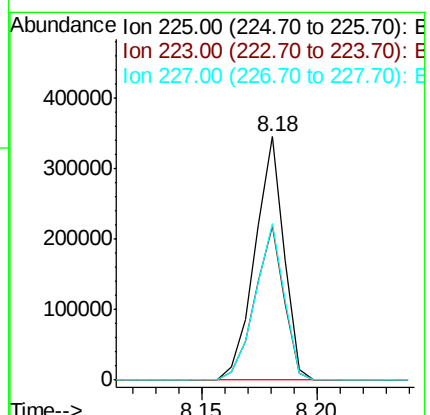
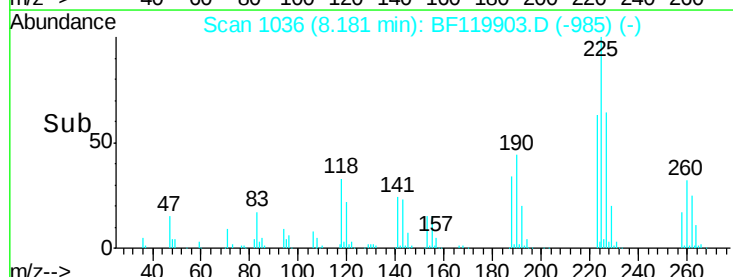
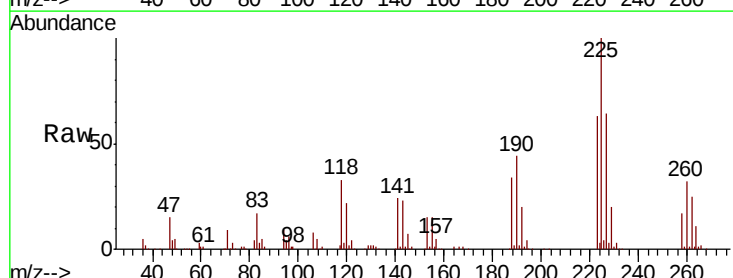
Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#34
Hexachlorobutadiene
Concen: 42.560 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		302398		
223	63.1	51.0	76.6		
227	64.1	50.4	75.6		





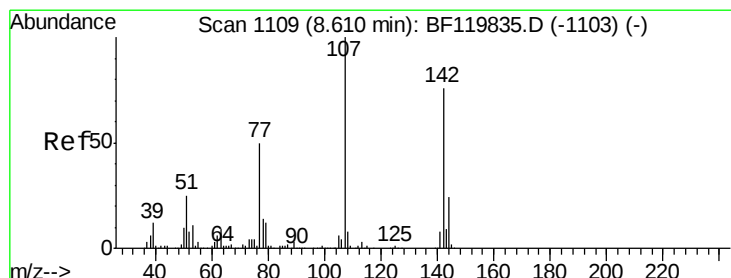
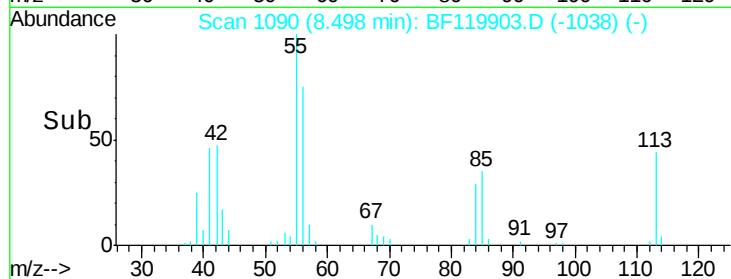
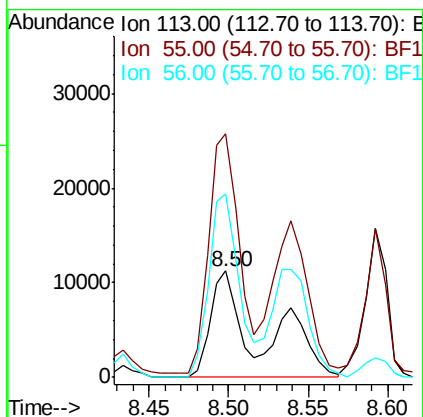
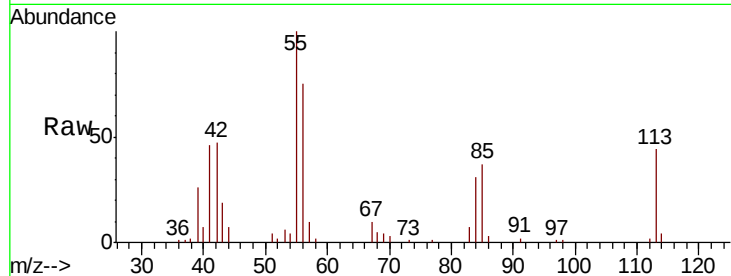
#35
Caprolactam
Concen: 7.680 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.5	192.7	232.7
56	172.4	133.3	173.3

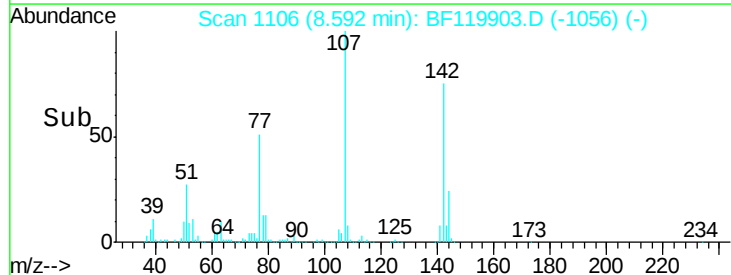
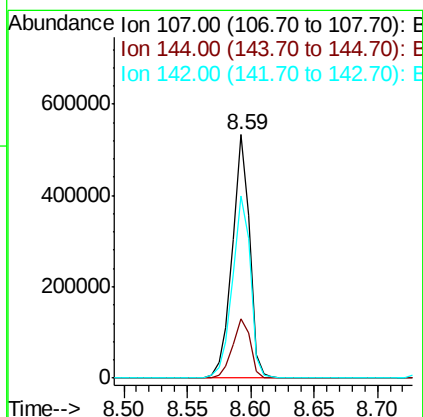
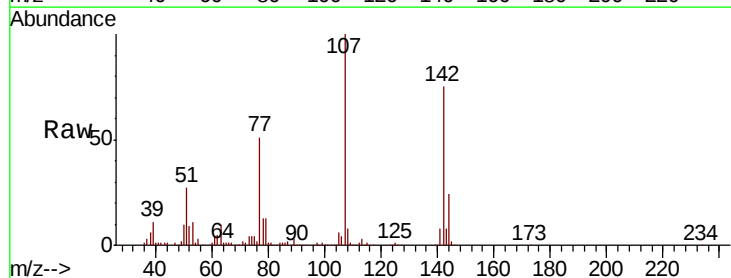
Manual Integrations
APPROVED

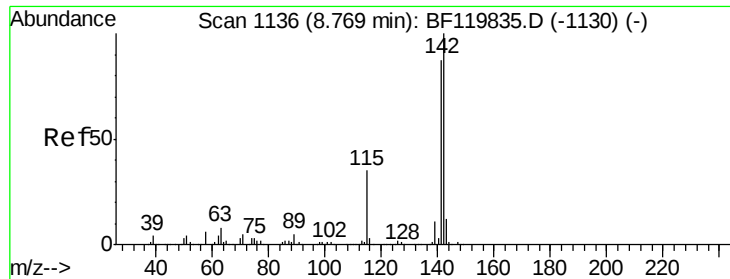
mohammad
4/14/2020 3:39:13 PM



#36
4-Chloro-3-methylphenol
Concen: 44.150 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.5	29.3
142	74.8	60.5	90.7





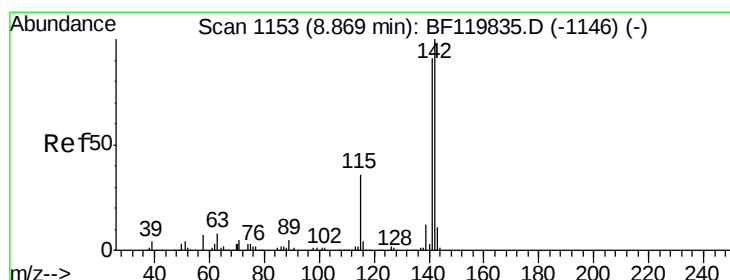
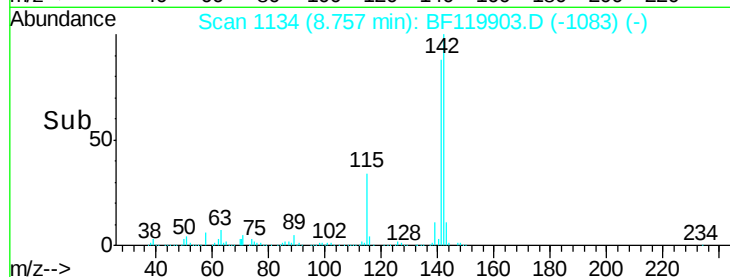
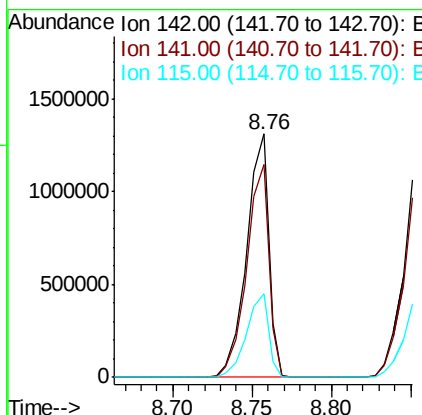
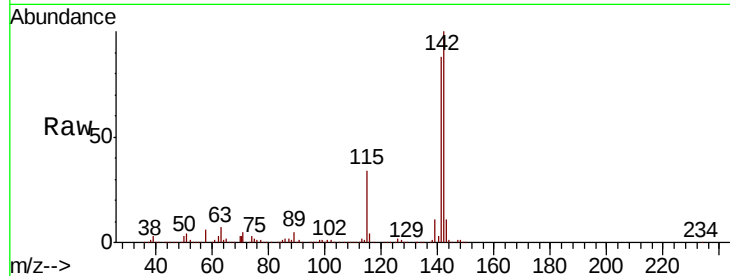
#37
2-Methylnaphthalene
Concen: 50.951 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9
115	34.1	28.0	42.0

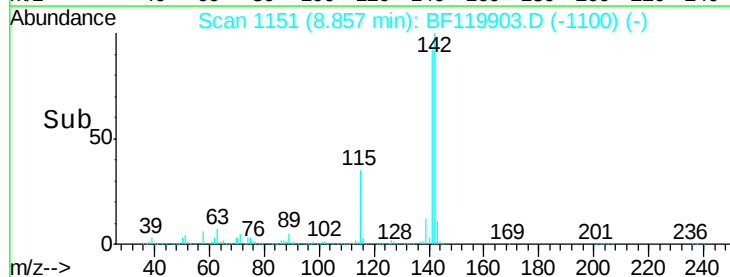
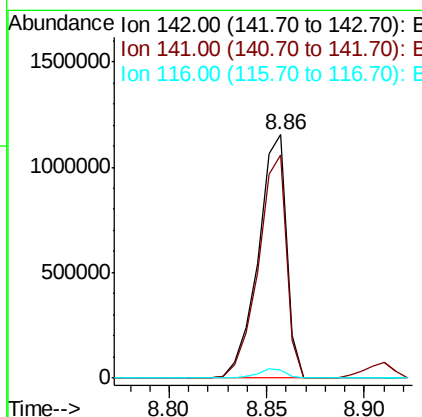
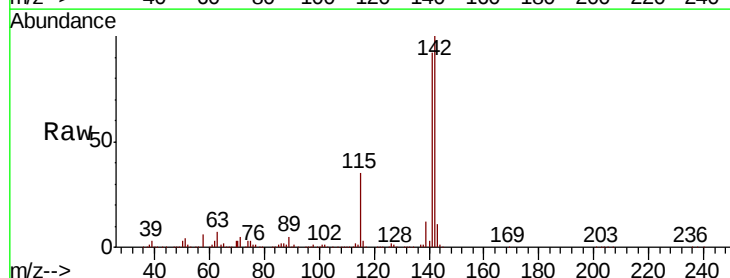
Manual Integrations
APPROVED

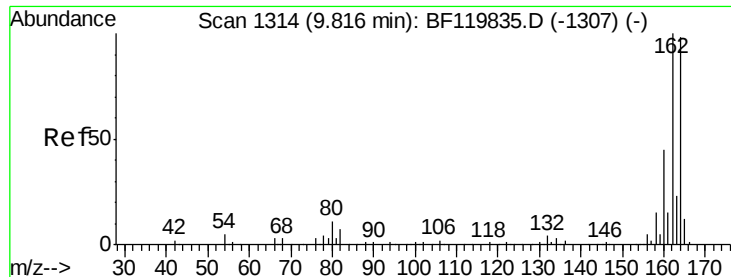
mohammad
4/14/2020 3:39:13 PM



#38
1-Methylnaphthalene
Concen: 49.510 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.9	109.3
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

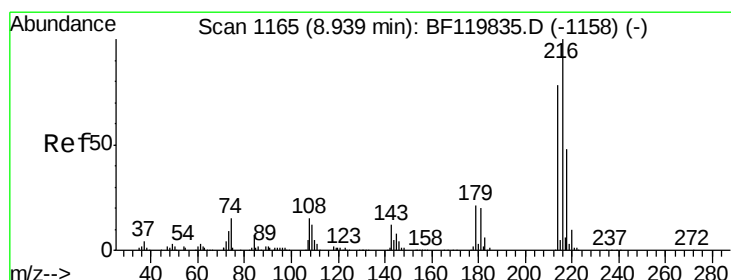
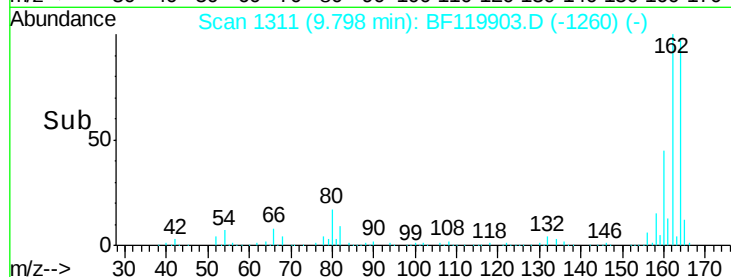
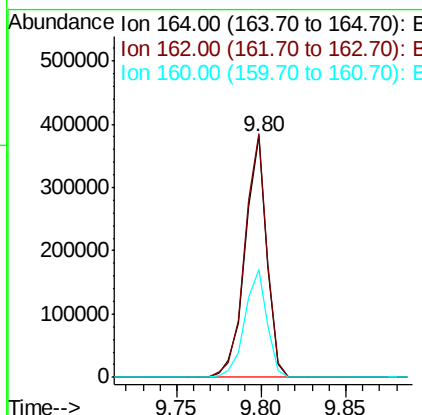
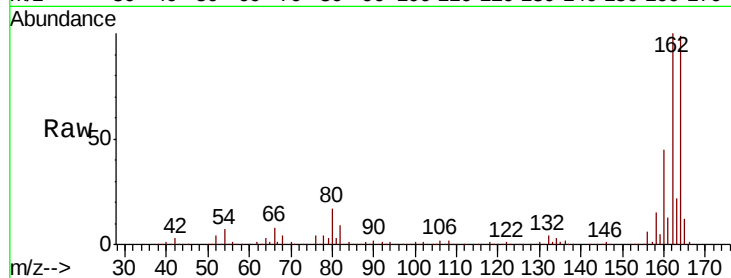
ClientSampled :

MW-1DMS

Tot Ion:	164	Resp:	341625
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.9	122.9
160	45.1	36.6	54.8

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.996 ng

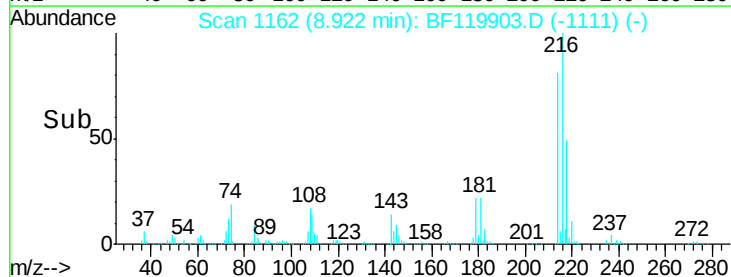
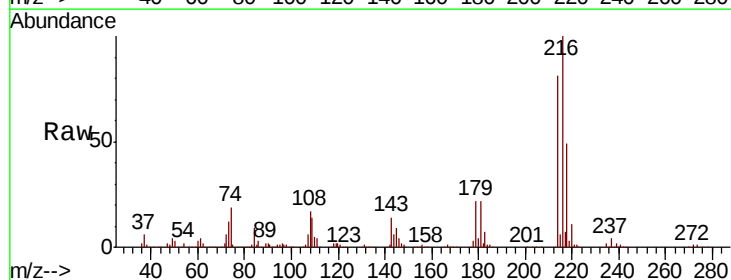
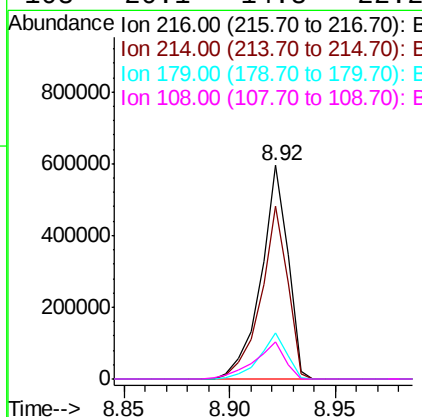
RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:	216	Resp:	528668
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.1	94.7
179	21.7	17.0	25.4
108	20.1	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 94.321 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

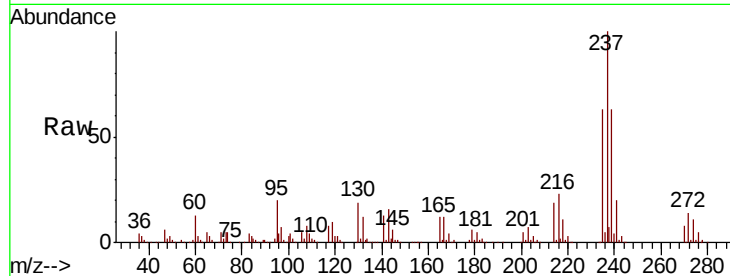
ClientSampleId :

MW-1DMS

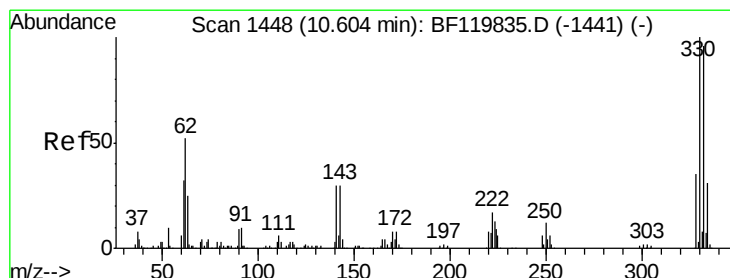
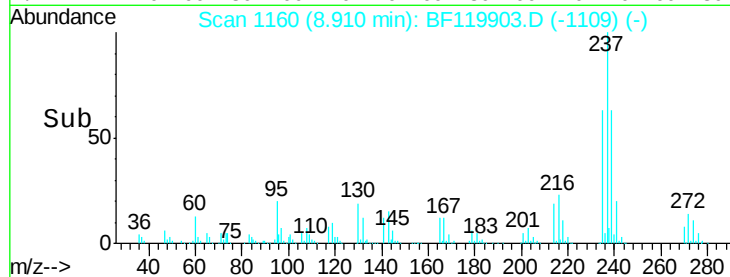
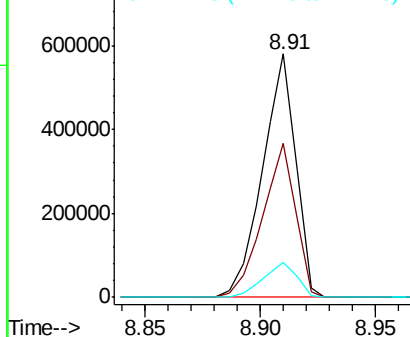
Tot Ion:	237	Resp:	578718
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.9	84.9
272	14.3	0.0	33.6

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 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: 145.438 ng

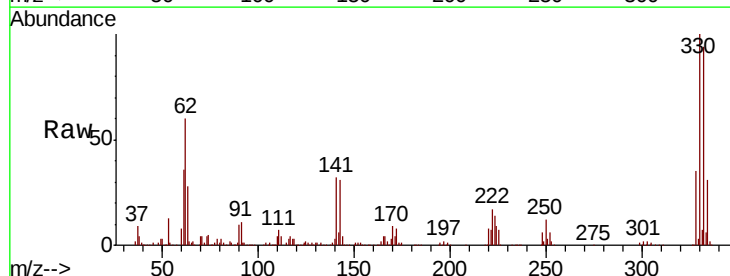
RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

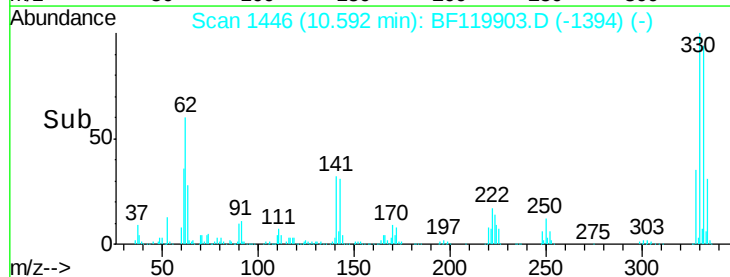
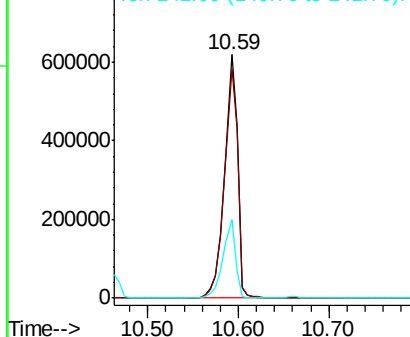
Lab File: BF119903.D

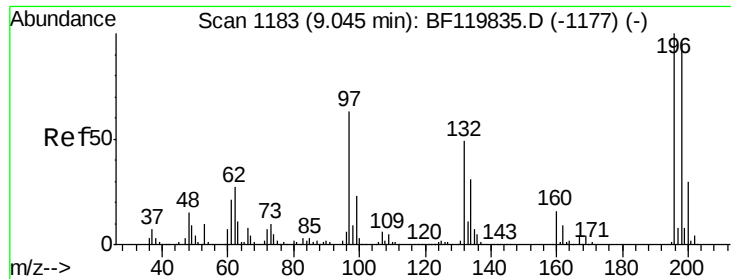
Acq: 10 Apr 2020 19:06

Tgt Ion:	330	Resp:	608318
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.8	115.2
141	30.8	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





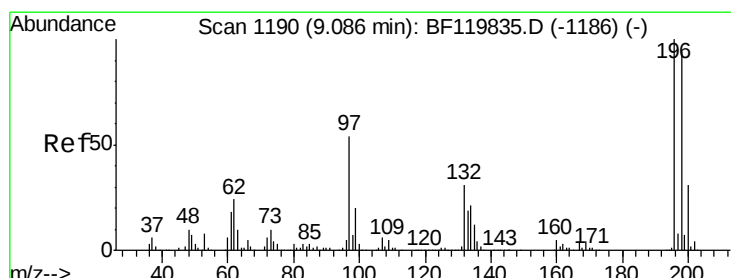
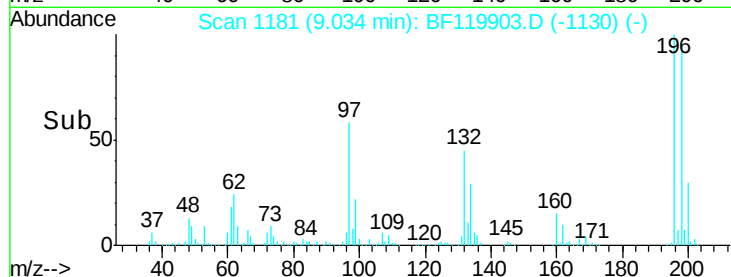
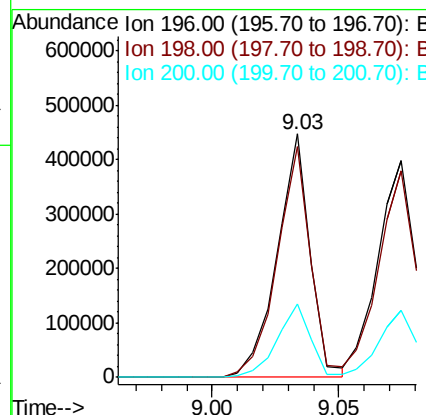
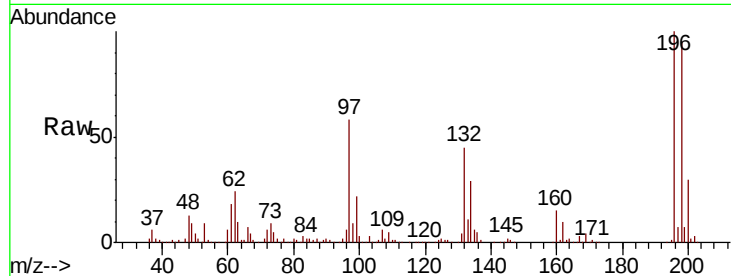
#43
 2,4,6-Trichlorophenol
 Concen: 54.655 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	407232		
198	94.8	76.6	115.0	
200	30.1	24.2	36.2	

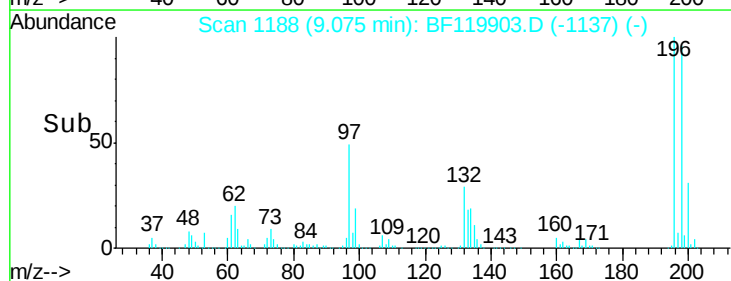
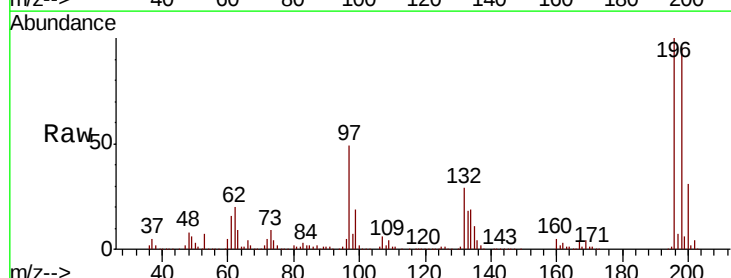
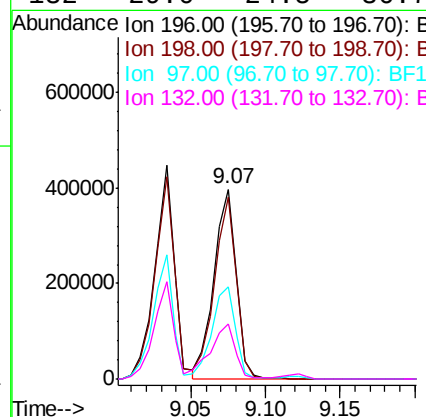
Manual Integrations
 APPROVED

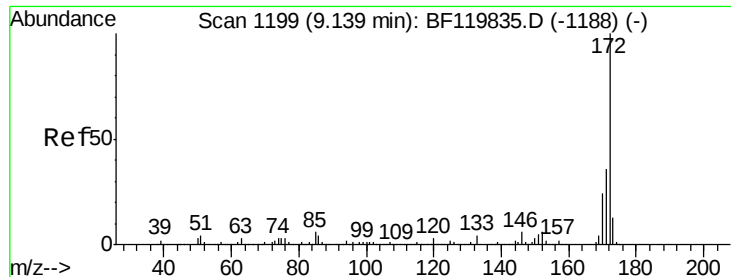
mohammad
 4/14/2020 3:39:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.217 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413030		
198	95.5	75.1	112.7	
97	48.5	43.4	65.2	
132	29.0	24.5	36.7	





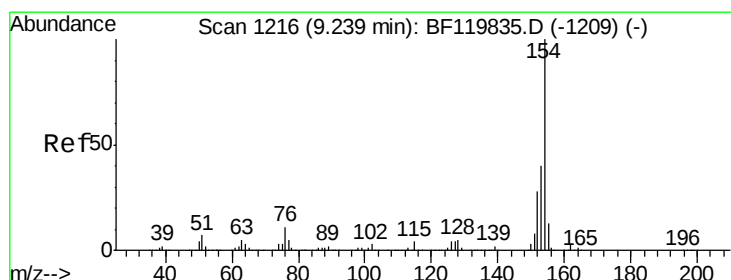
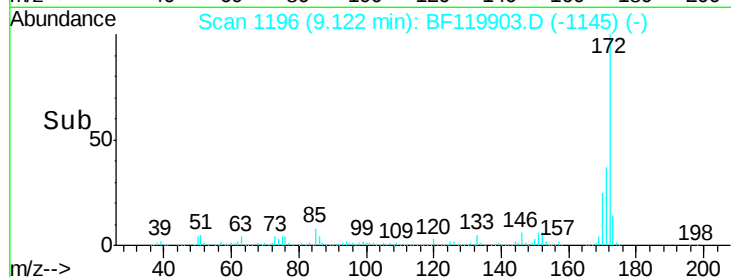
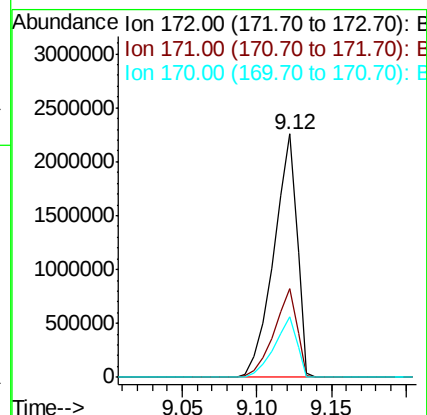
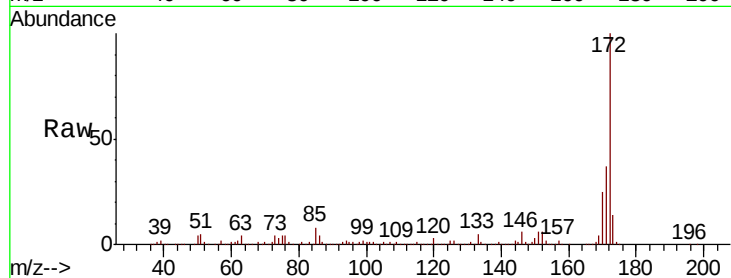
#45
2-Fluorobiphenyl
Concen: 100.992 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.8	19.4	29.2

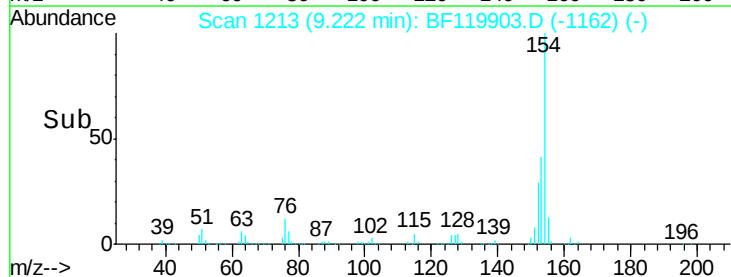
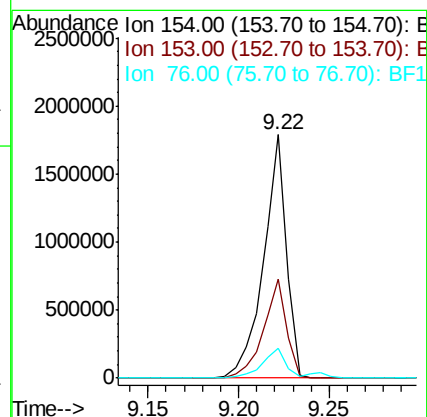
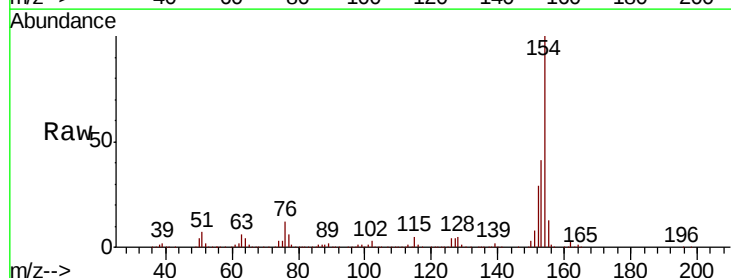
Manual Integrations
APPROVED

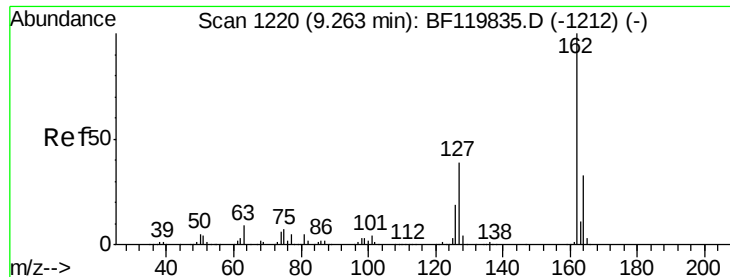
mohammad
4/14/2020 3:39:13 PM



#46
1,1'-Biphenyl
Concen: 54.486 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.1	0.0	30.6





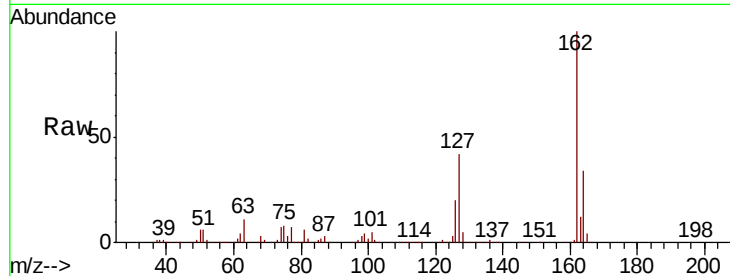
#47
2-Chloronaphthalene
Concen: 54.724 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	31.2	46.8
164	33.6	26.3	39.5

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM

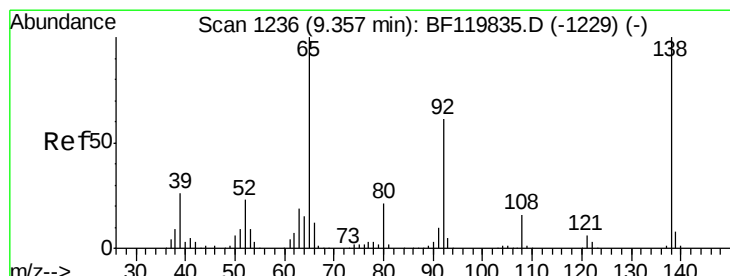
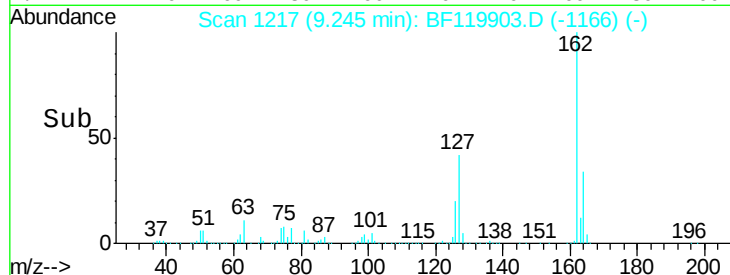
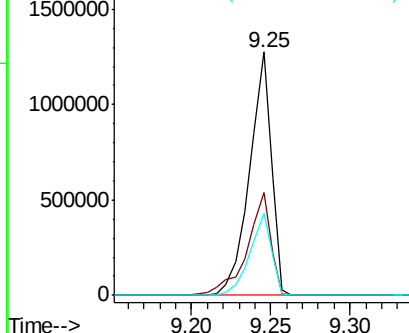


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 56.296 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

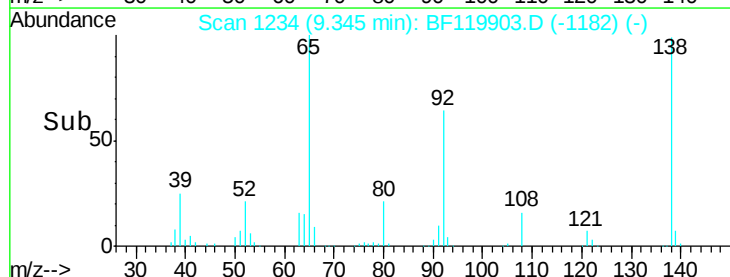
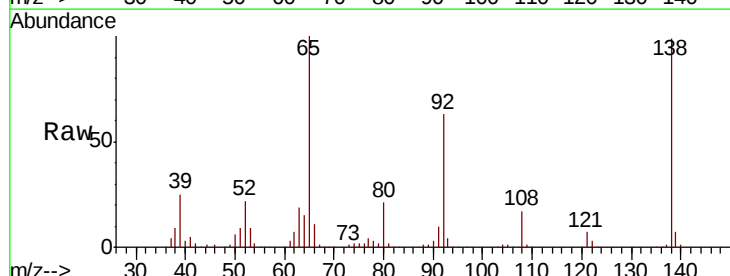
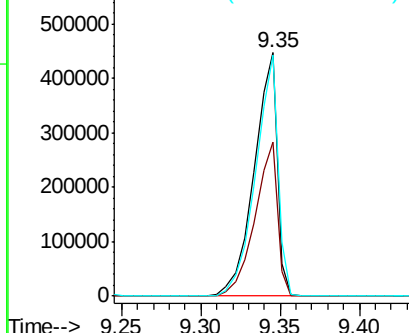
Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	49.0	73.6
138	99.0	79.7	119.5

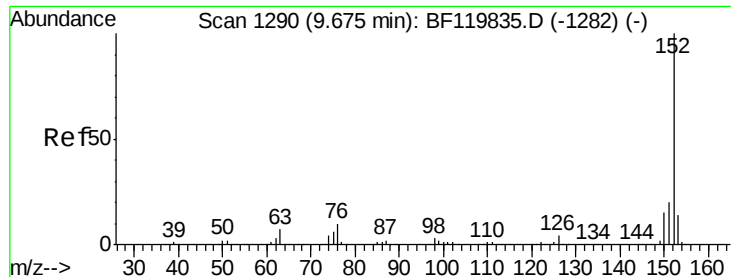
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.890 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1DMS

Tot Ion:152 Resp: 1719154

Ion Ratio Lower Upper

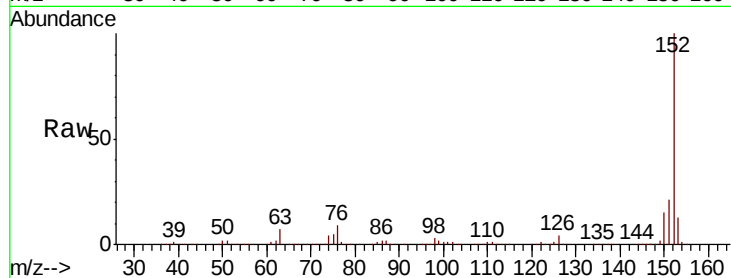
152 100

151 20.5 16.2 24.4

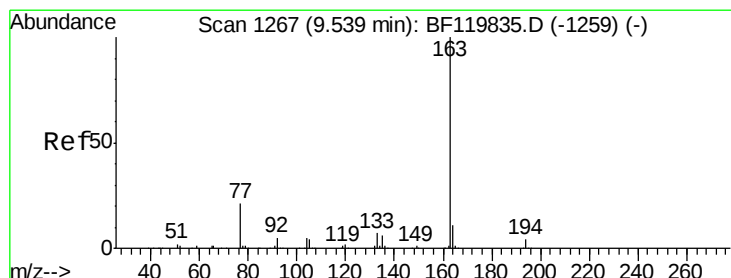
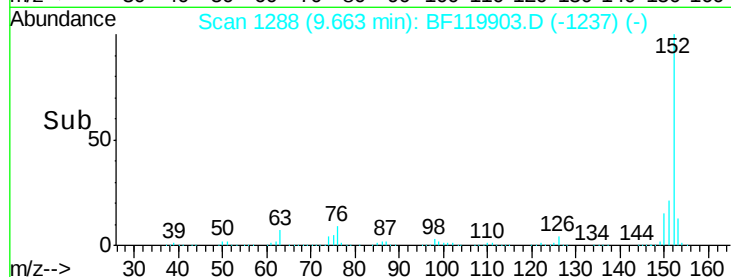
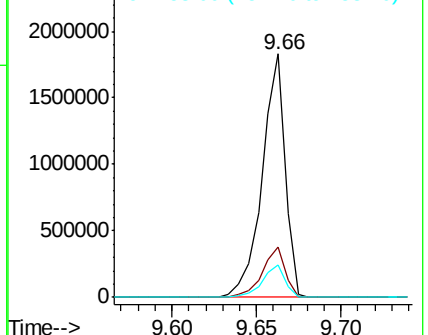
153 13.4 10.9 16.3

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 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: 56.591 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

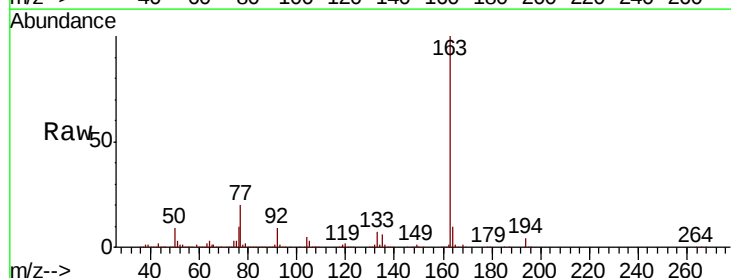
Tgt Ion:163 Resp: 1495381

Ion Ratio Lower Upper

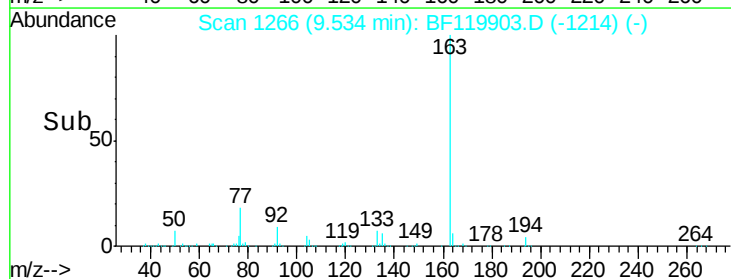
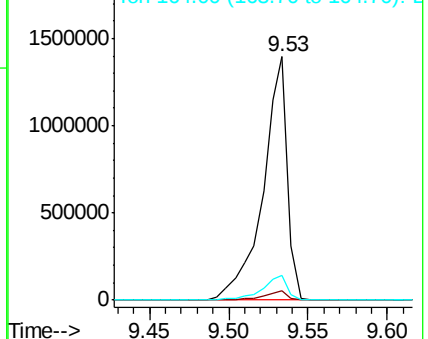
163 100

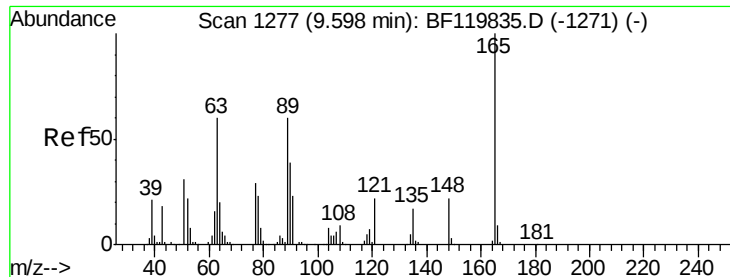
194 4.1 3.0 4.4

164 10.3 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: 53.797 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1DMS

Tot Ion:165 Resp: 311297
Ion Ratio Lower Upper

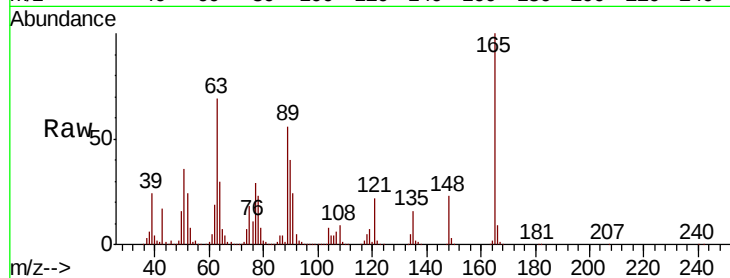
165 100

63 68.9 55.6 83.4

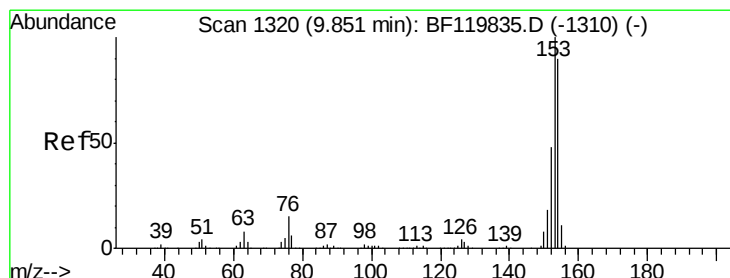
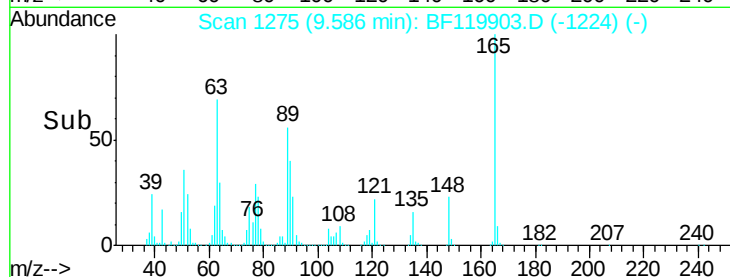
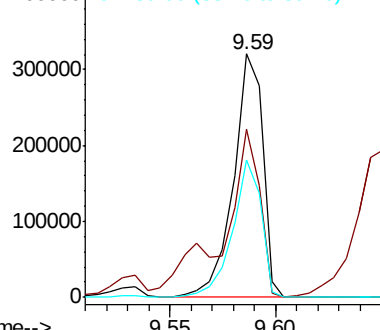
89 56.4 47.9 71.9

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



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



#52

Acenaphthene

Concen: 56.683 ng m

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF119903.D

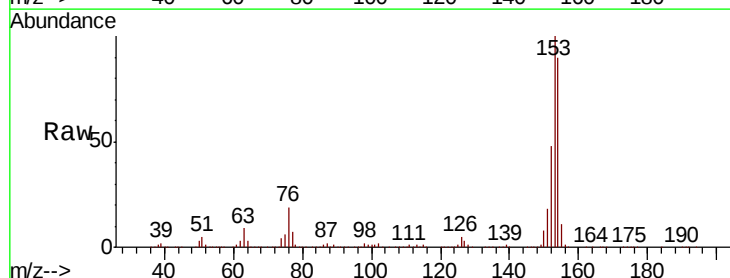
Acq: 10 Apr 2020 19:06

Tgt Ion:154 Resp: 1277344
Ion Ratio Lower Upper

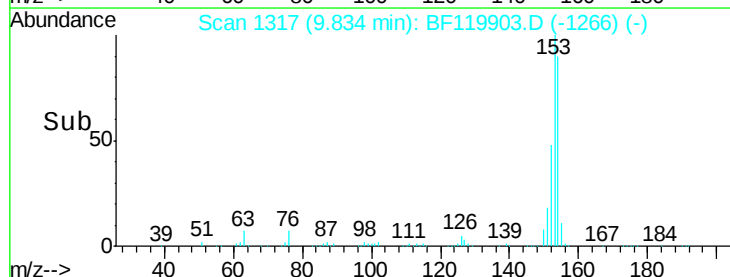
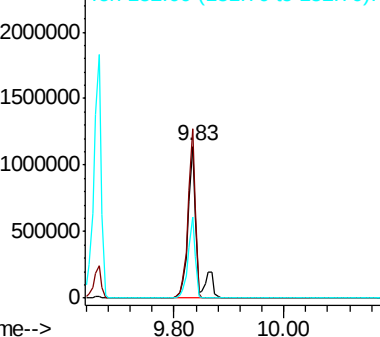
154 100

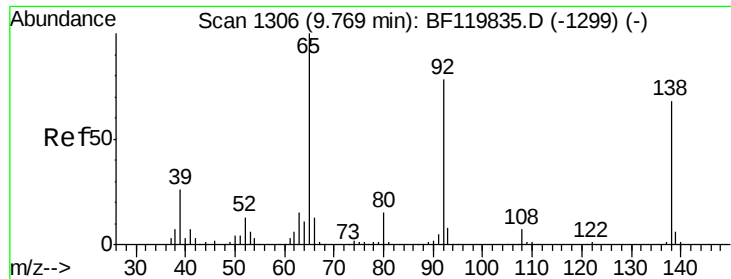
153 111.6 88.8 133.2

152 53.7 42.4 63.6



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





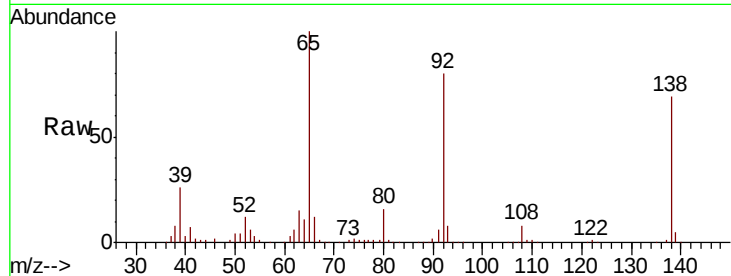
#53
3-Nitroaniline
Concen: 20.497 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

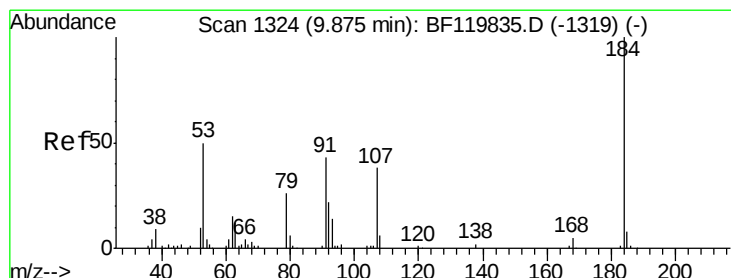
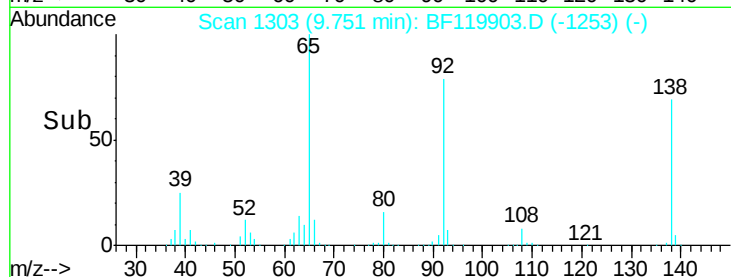
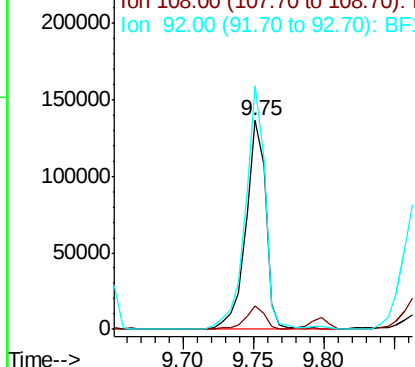
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.0	12.0
92	116.6	92.1	138.1

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM

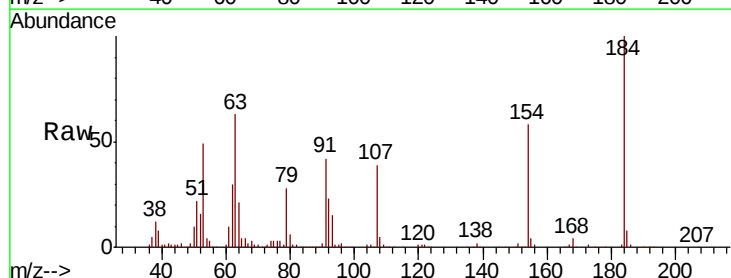


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

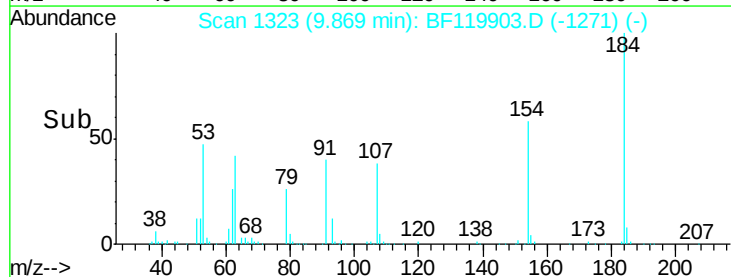
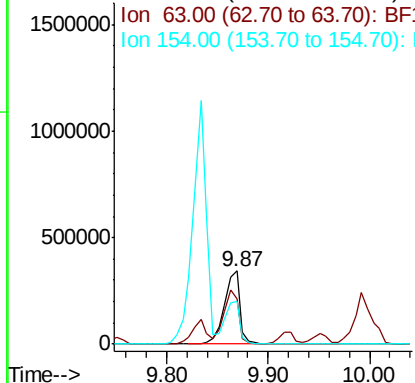


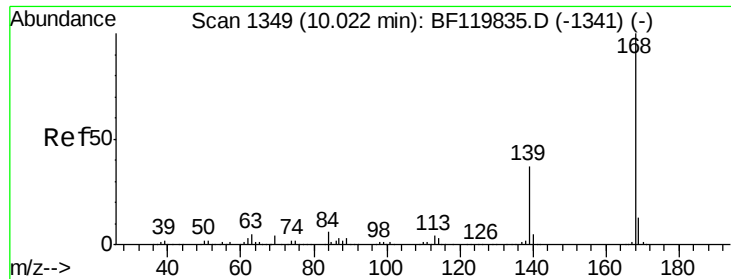
#54
2,4-Dinitrophenol
Concen: 106.364 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.9	49.8	74.6
154	58.1	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





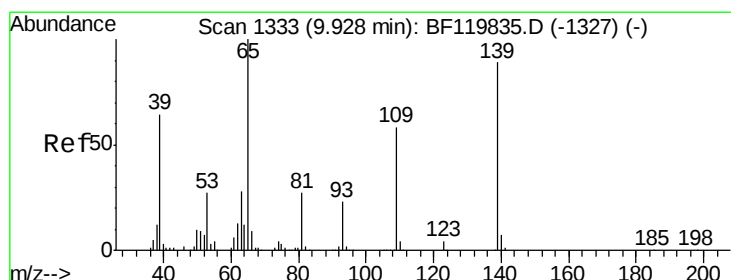
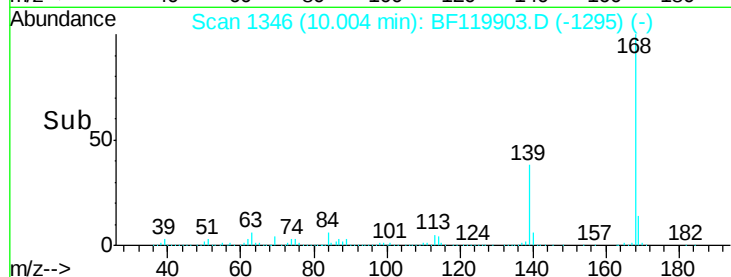
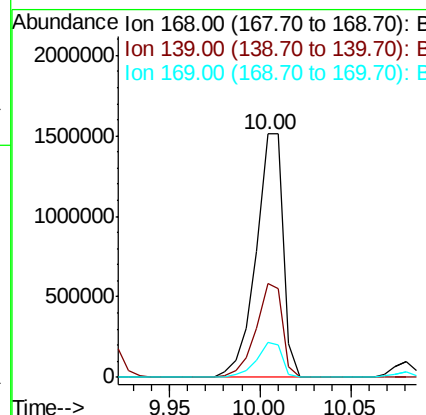
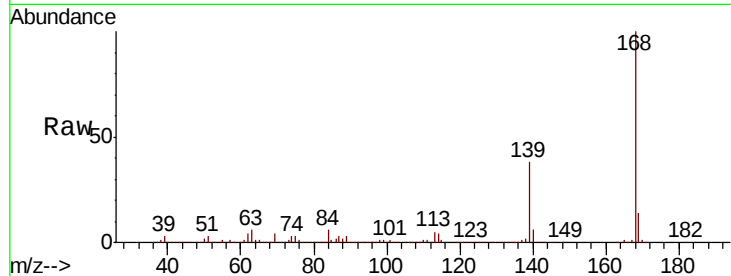
#55
Dibenzofuran
Concen: 50.960 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.8	44.6
169	14.2	10.6	15.8

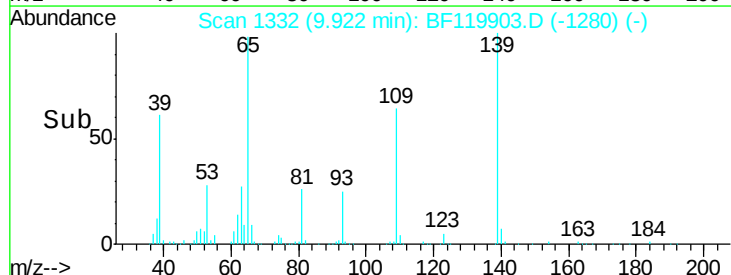
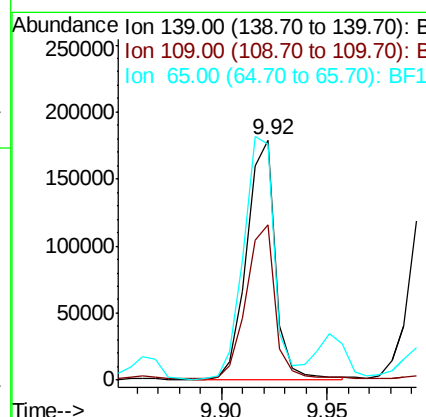
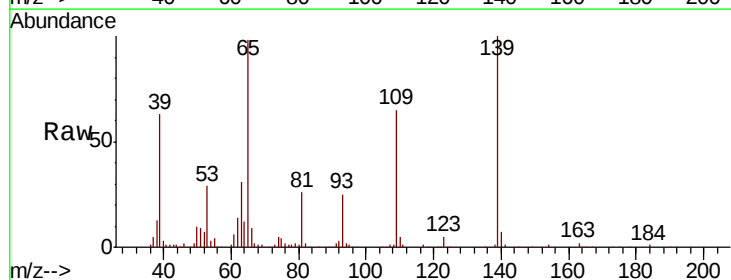
Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#56
4-Nitrophenol
Concen: 34.270 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	45.5	85.5
65	98.3	92.3	132.3





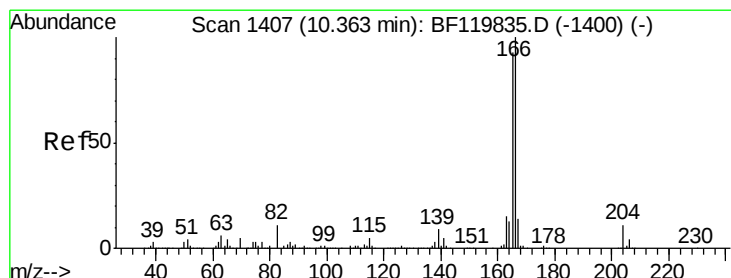
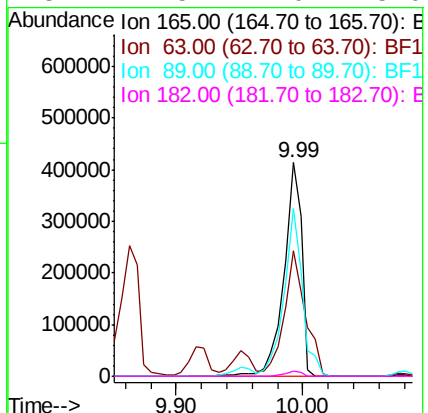
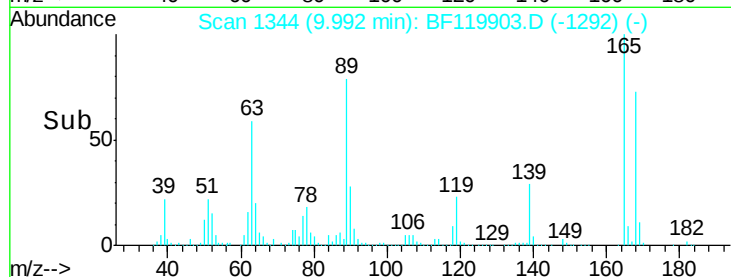
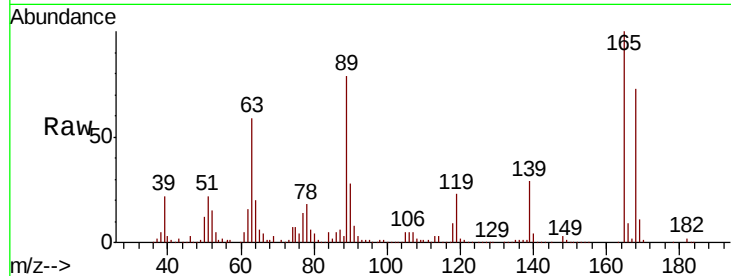
#57
2,4-Dinitrotoluene
Concen: 52.534 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		400504		
63	58.9	40.8	61.2		
89	78.6	56.9	85.3		
182	2.5	2.0	3.0		

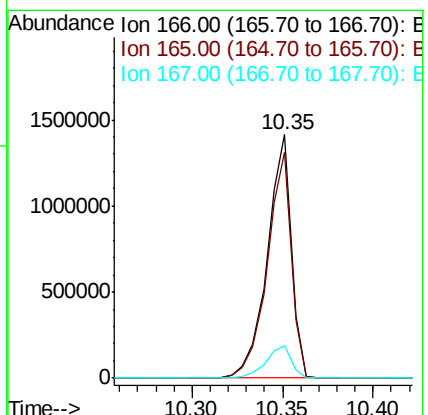
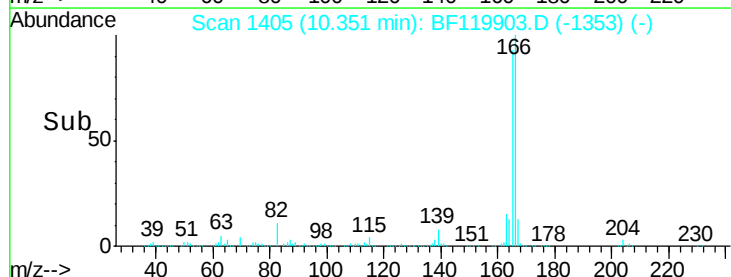
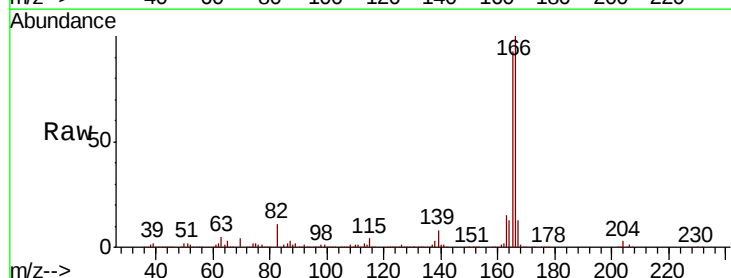
Manual Integrations
APPROVED

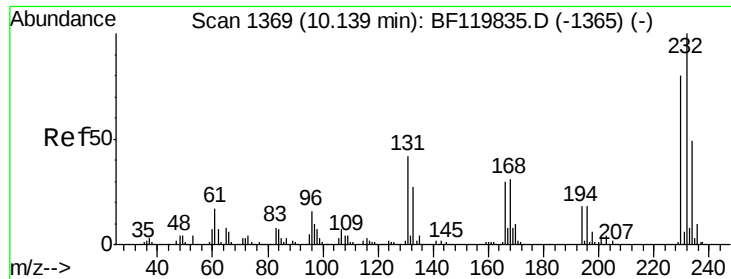
mohammad
4/14/2020 3:39:13 PM



#58
Fluorene
Concen: 52.482 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1297917		
165	92.8	74.2	111.2		
167	13.1	10.8	16.2		





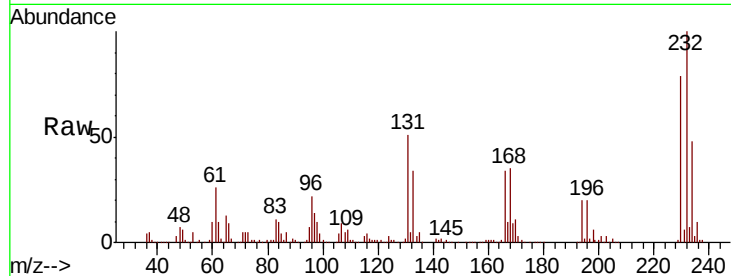
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.280 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

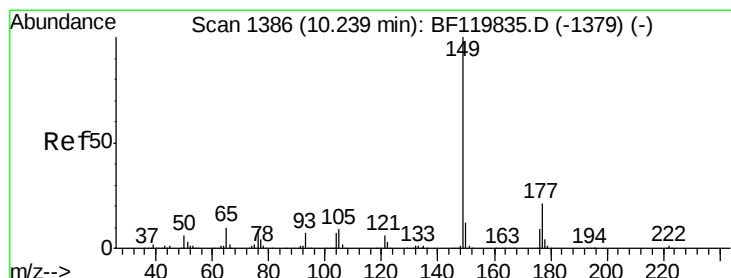
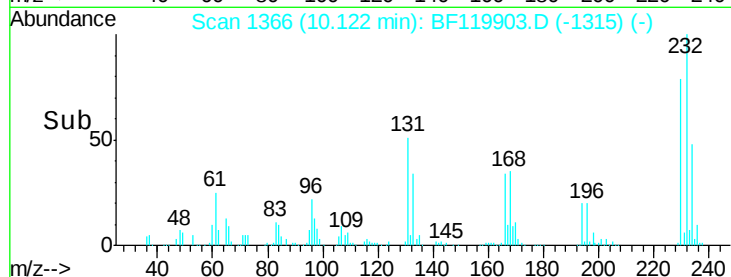
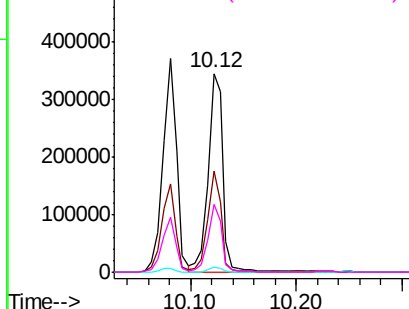
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.9	56.9
130	2.2	1.8	2.6
166	31.8	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:13 PM

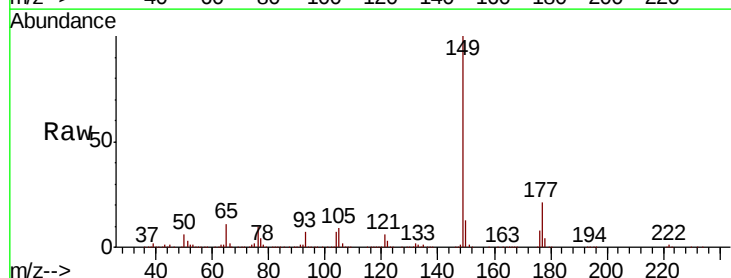


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

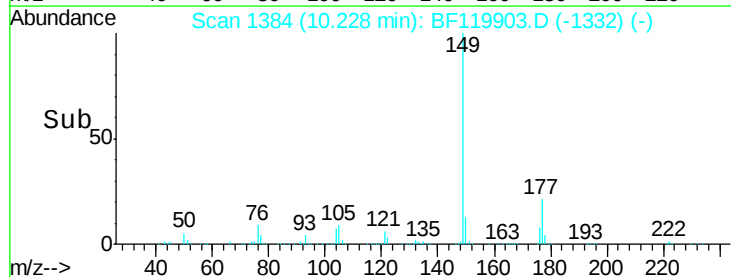
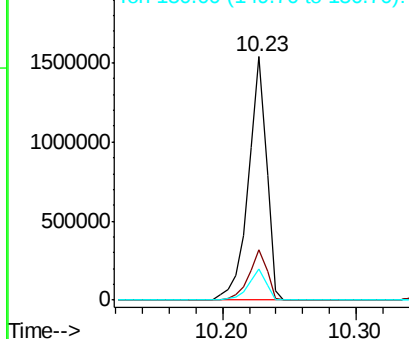


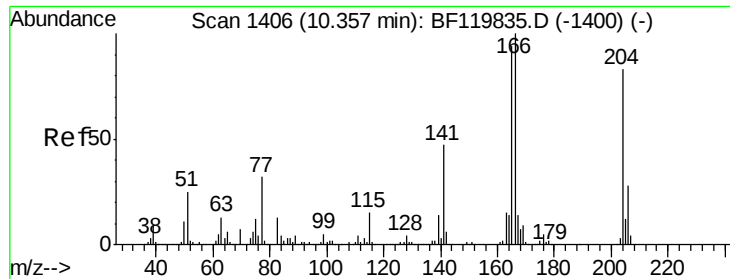
#60
 Diethylphthalate
 Concen: 51.882 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.8	25.2
150	12.7	9.8	14.6



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





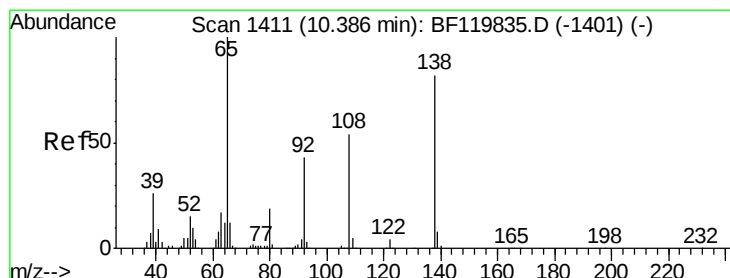
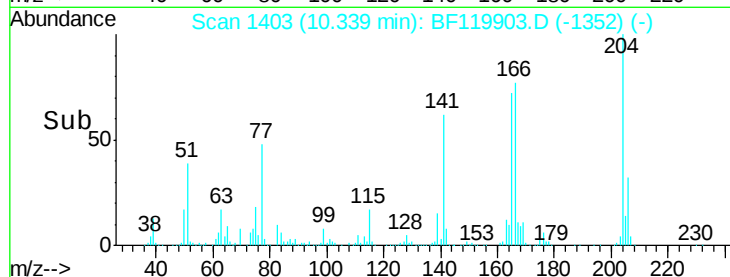
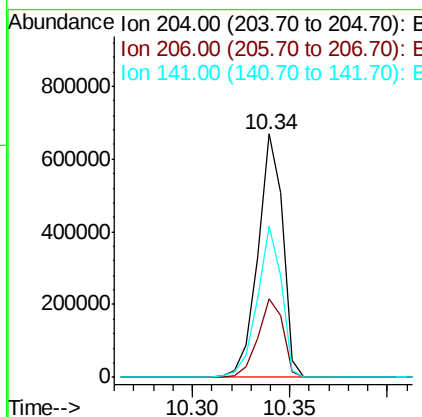
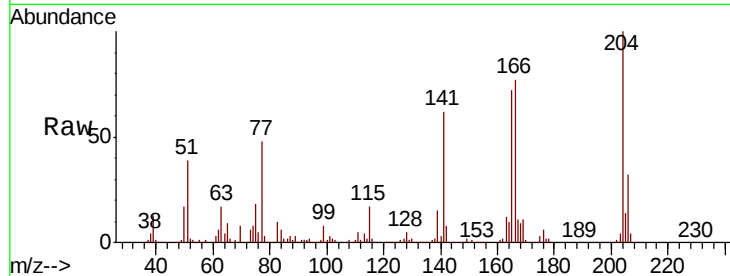
#61
 4-Chlorophenyl-phenylether
 Concen: 46.405 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion:	204	Resp:	588209
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.7	40.1
141	62.1	45.8	68.8

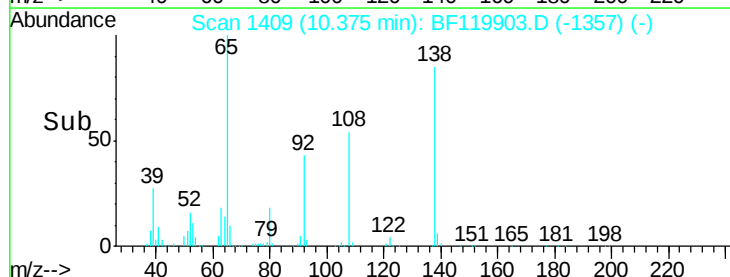
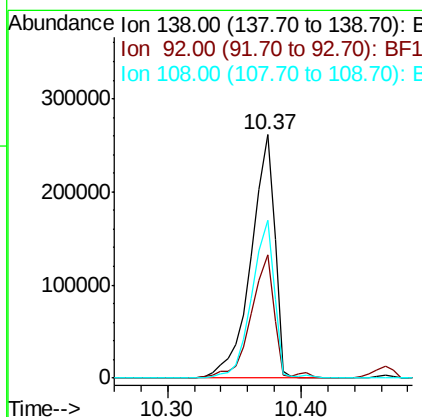
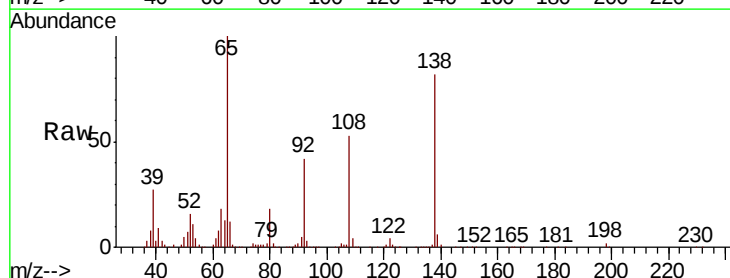
Manual Integrations
 APPROVED

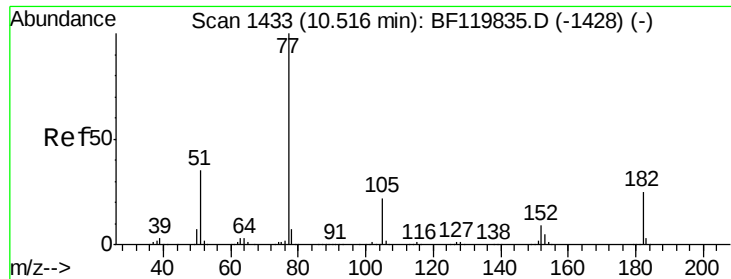
mohammad
 4/14/2020 3:39:13 PM



#62
 4-Nitroaniline
 Concen: 50.539 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:	138	Resp:	318299
Ion Ratio	Lower	Upper	
138	100		
92	50.8	31.6	71.6
108	64.9	45.2	85.2





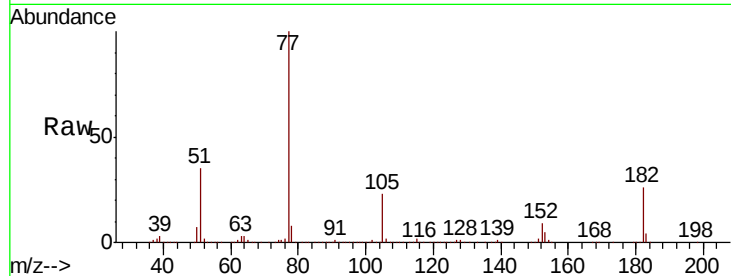
#63
Azobenzene
Concen: 53.730 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	4.5	44.5	
105	23.0	2.2	42.2	
51	34.8	15.1	55.1	

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM

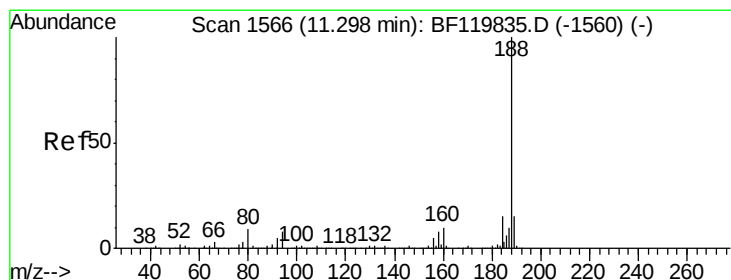
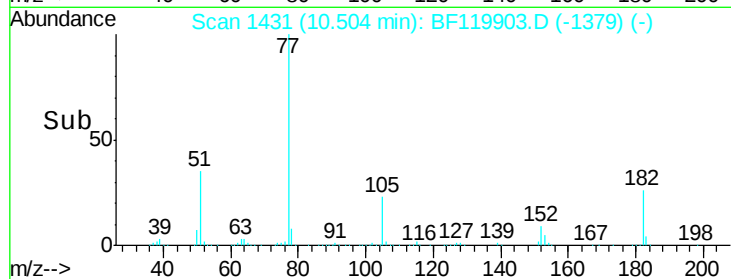
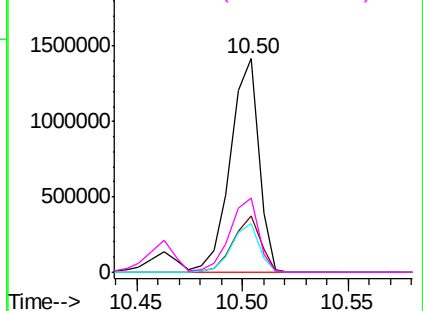


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



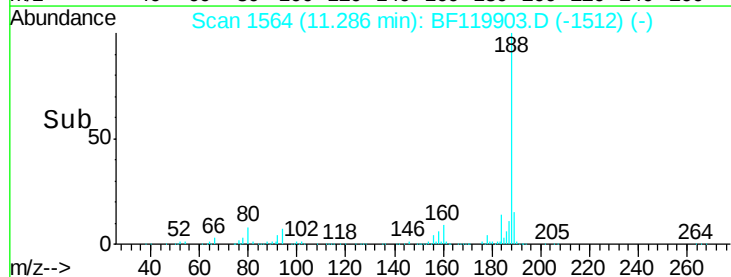
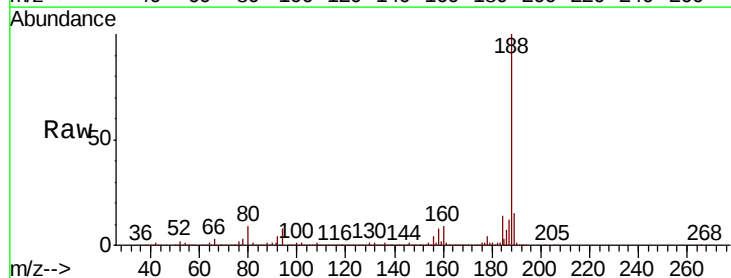
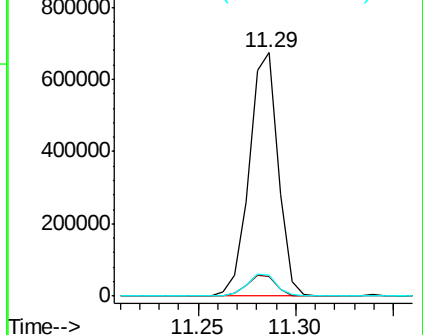
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

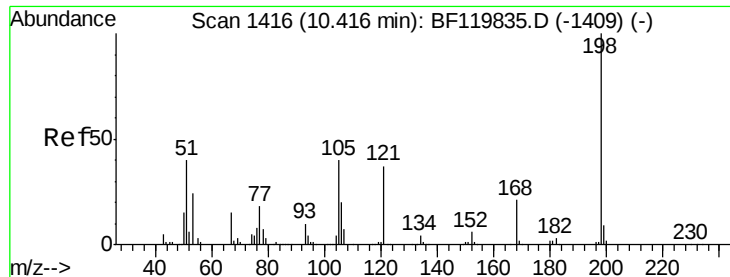
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	6.7	10.1	
80	8.6	7.4	11.2	

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





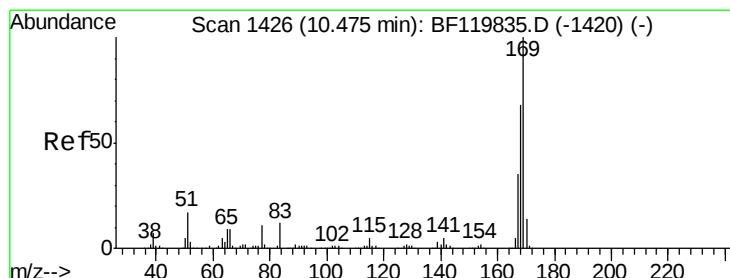
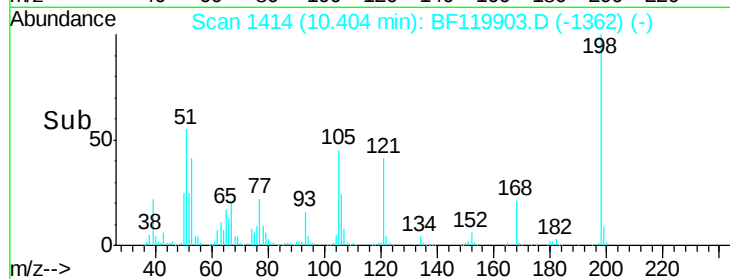
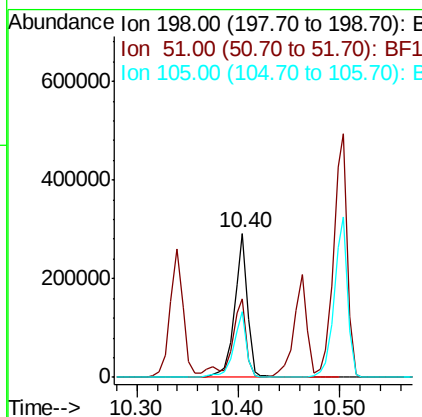
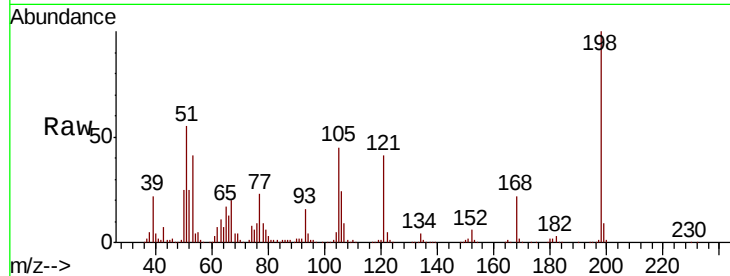
#65
4,6-Dinitro-2-methylphenol
Concen: 56.421 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	256914		
51	54.6	25.2	65.2	
105	45.4	20.8	60.8	

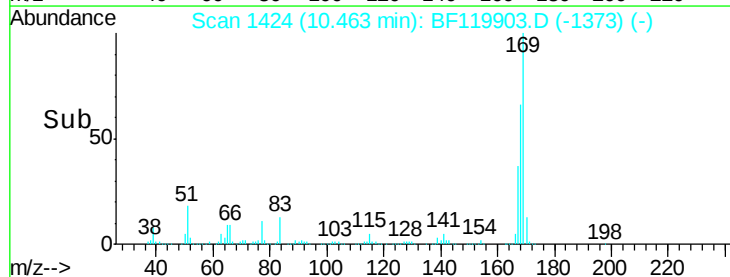
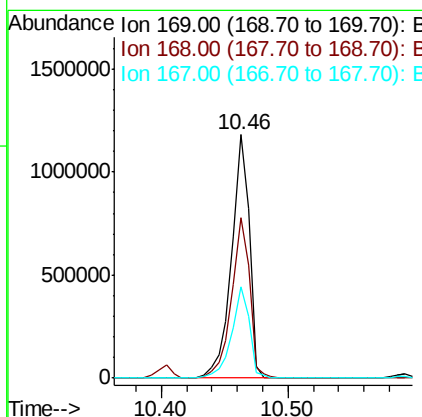
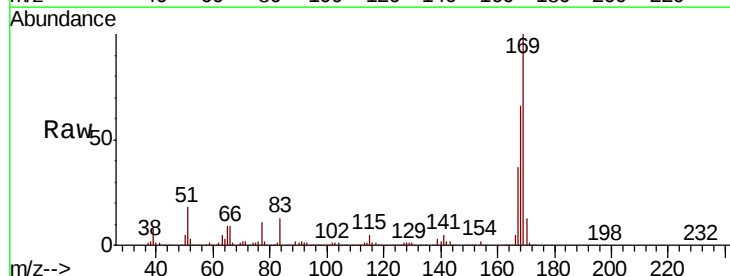
Manual Integrations
APPROVED

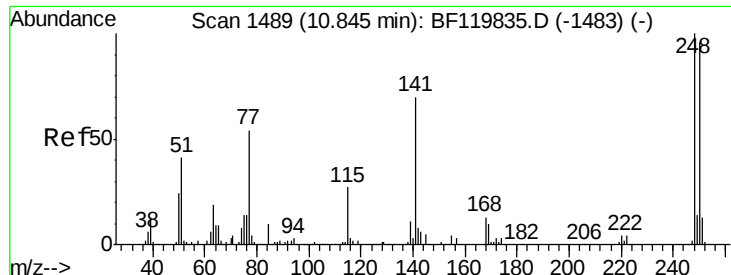
mohammad
4/14/2020 3:39:13 PM



#66
n-Nitrosodiphenylamine
Concen: 49.321 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1133717		
168	65.8	54.2	81.4	
167	37.5	28.3	42.5	





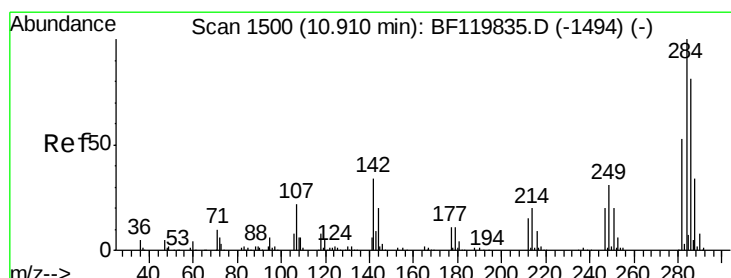
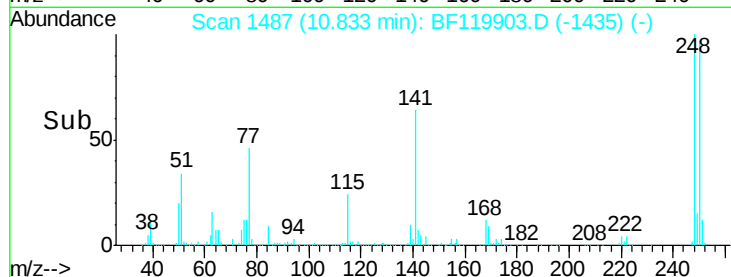
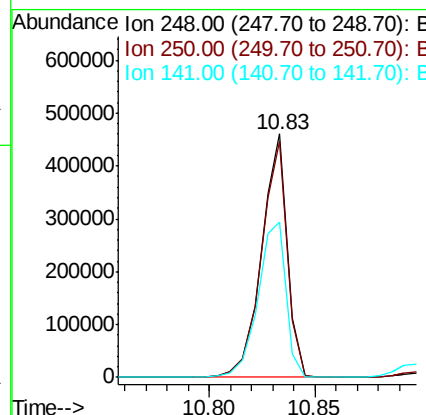
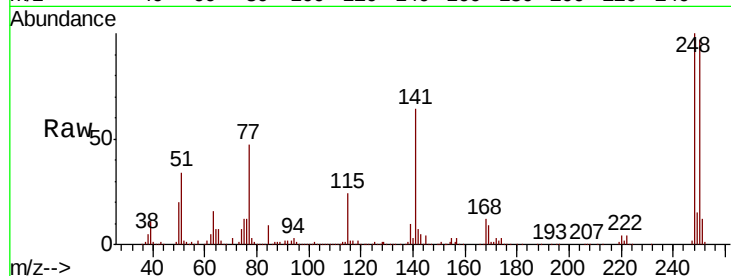
#67
 4-Bromophenyl-phenylether
 Concen: 45.531 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion:	248	Resp:	391364
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.6	114.8
141	63.7	55.9	83.9

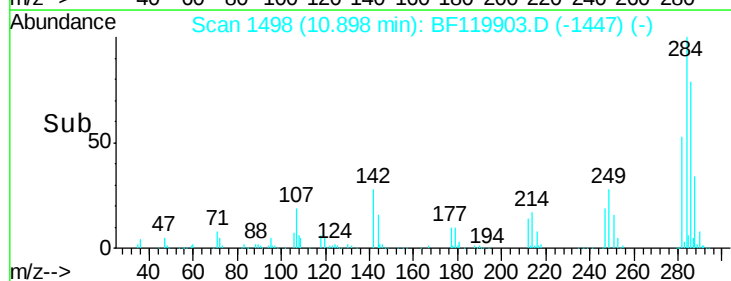
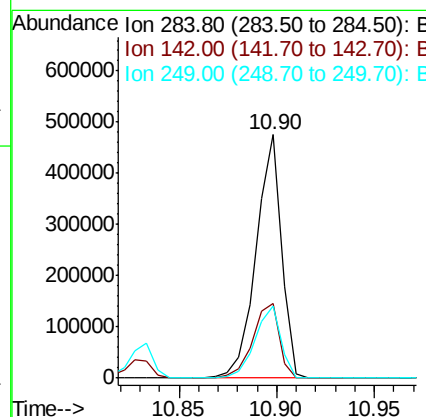
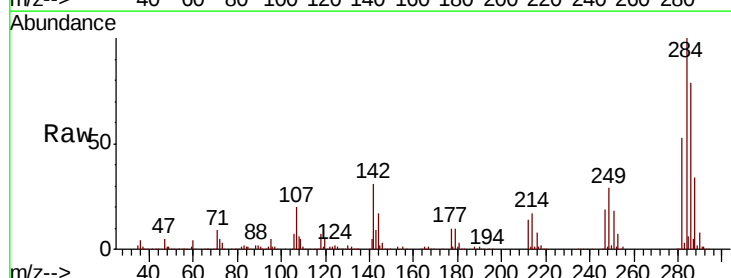
Manual Integrations
 APPROVED

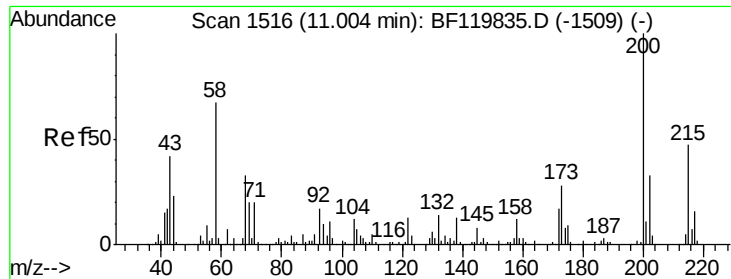
mohammad
 4/14/2020 3:39:13 PM



#68
 Hexachlorobenzene
 Concen: 49.083 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:	284	Resp:	427990
Ion Ratio	Lower	Upper	
284	100		
142	30.8	26.9	40.3
249	29.4	24.6	37.0





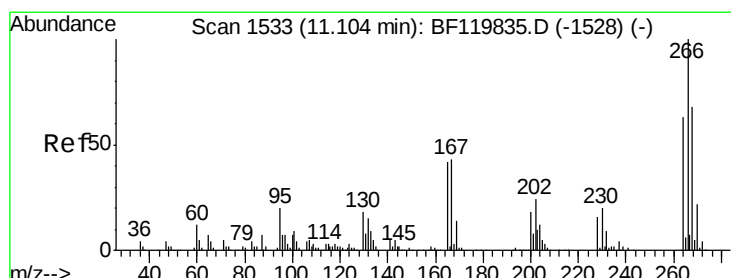
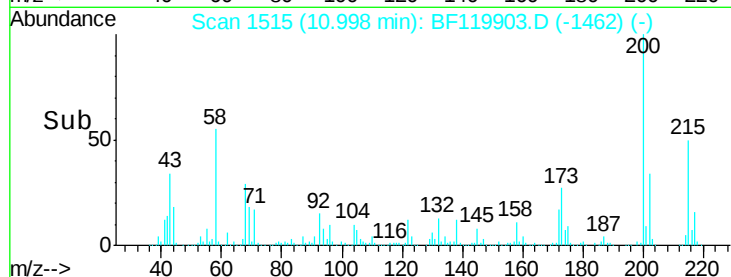
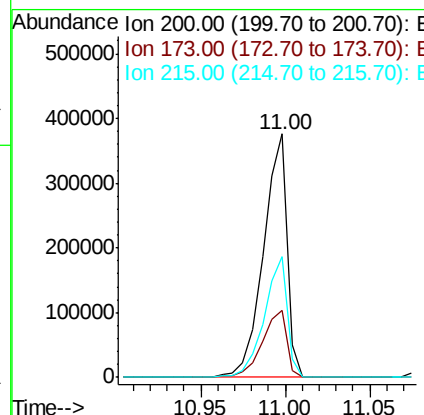
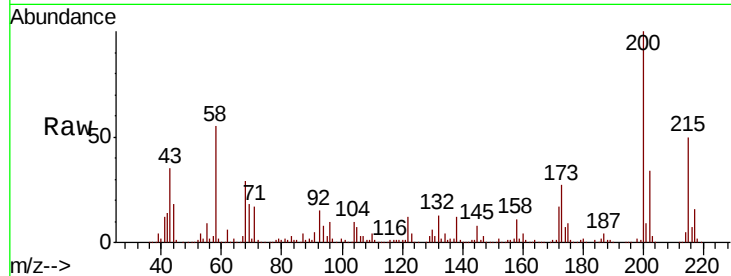
#69
 Atrazine
 Concen: 57.126 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	365354		
173	27.4	8.0	48.0	
215	49.5	27.1	67.1	

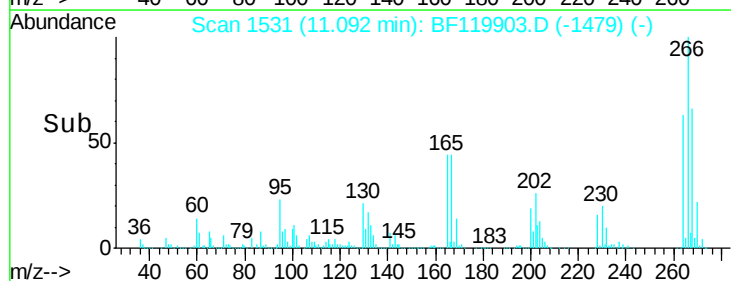
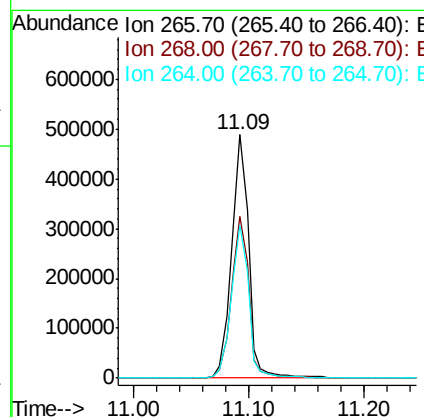
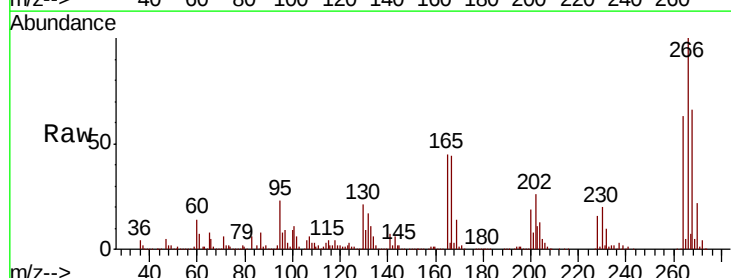
Manual Integrations
 APPROVED

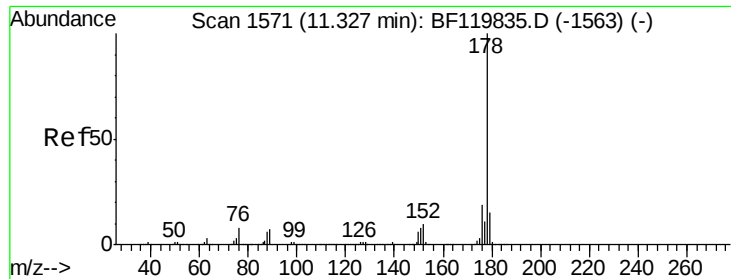
mohammad
 4/14/2020 3:39:13 PM



#70
 Pentachlorophenol
 Concen: 99.559 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	500287		
268	66.3	54.2	81.4	
264	62.9	50.6	76.0	





#71

Phenanthrene

Concen: 52.065 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1DMS

Tot Ion:178 Resp: 1915217

Ion Ratio Lower Upper

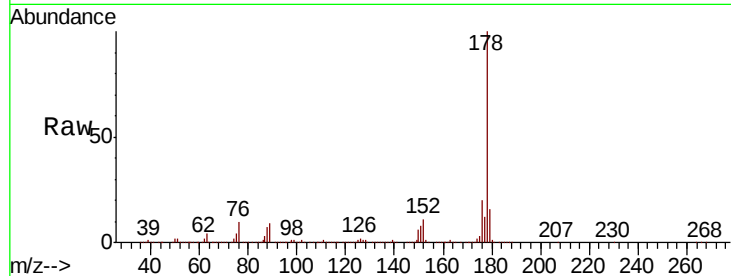
178 100

176 19.8 15.1 22.7

179 15.9 12.2 18.4

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

2500000

2000000

1500000

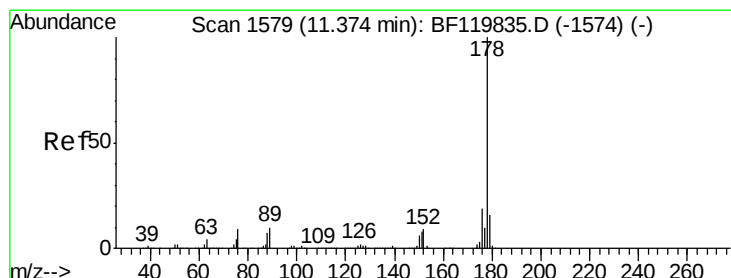
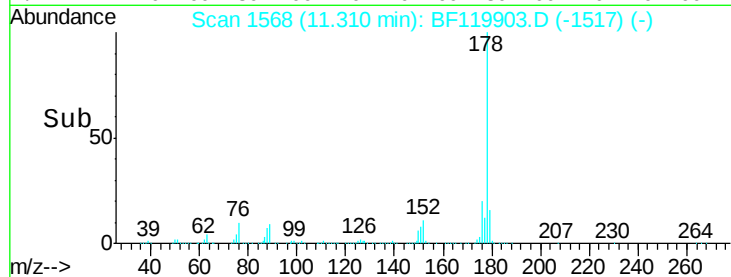
1000000

500000

0

11.25 11.30 11.35

Time-->



#72

Anthracene

Concen: 49.582 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:178 Resp: 1863194

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 16.2 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

2500000

2000000

1500000

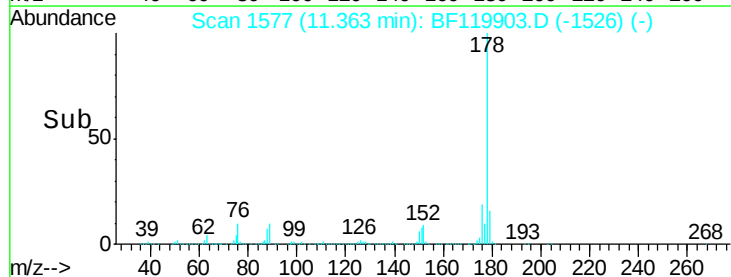
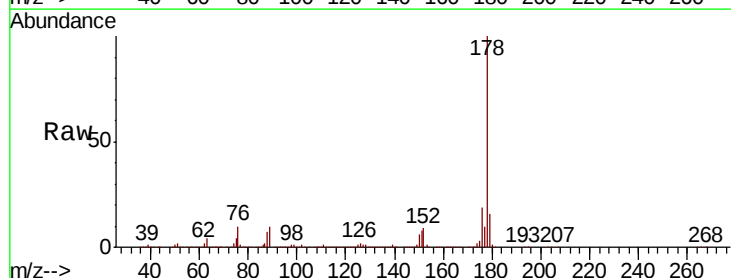
1000000

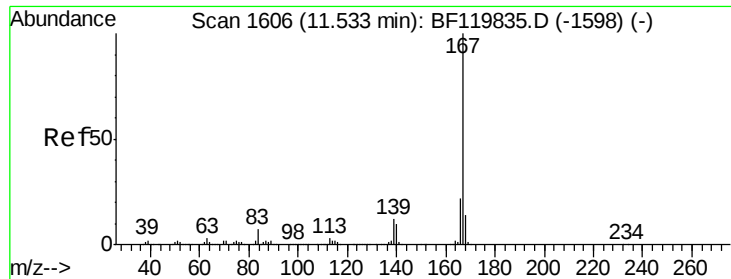
500000

0

11.30 11.35 11.40 11.45

Time-->





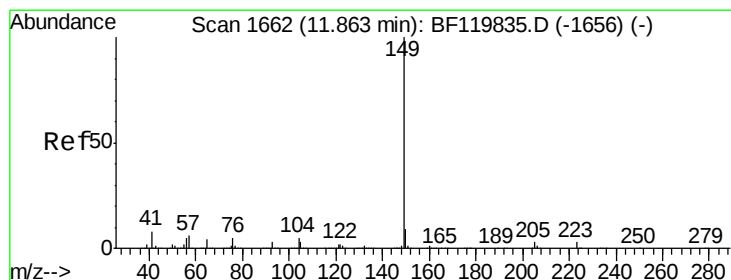
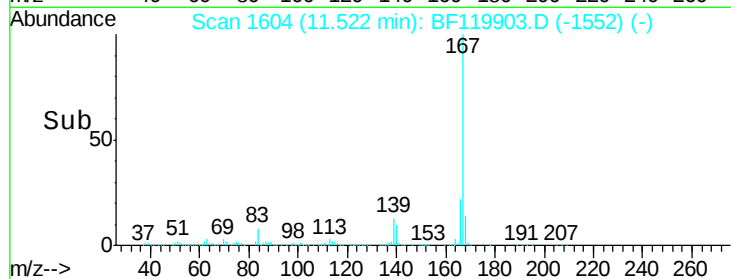
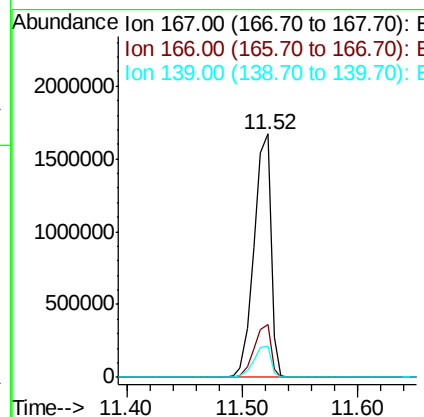
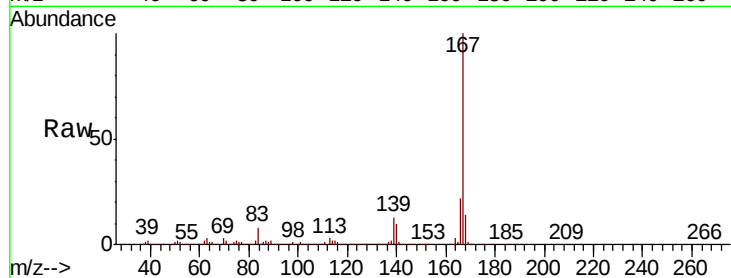
#73
 Carbazole
 Concen: 47.943 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion:167 Resp: 1703753
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.9 9.8 14.8

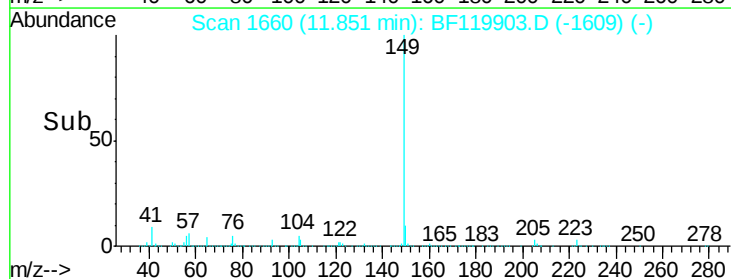
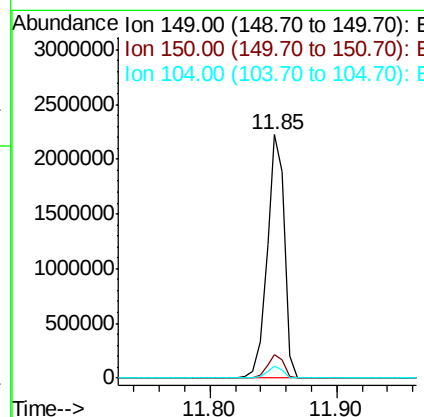
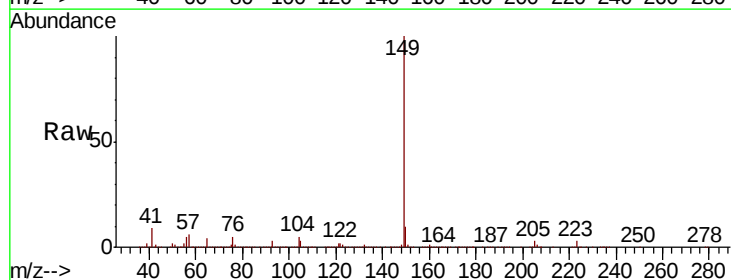
Manual Integrations
 APPROVED

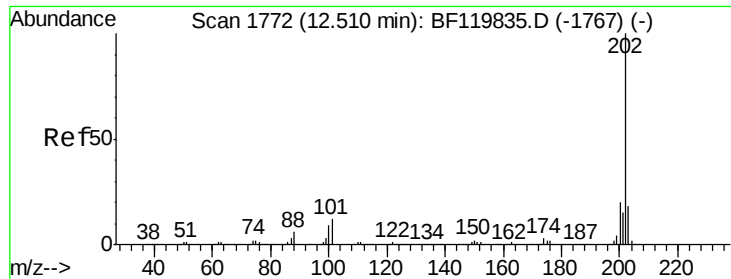
mohammad
 4/14/2020 3:39:13 PM



#74
 Di-n-butylphthalate
 Concen: 44.904 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:149 Resp: 2097765
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 49.689 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampled :

MW-1DMS

Tot Ion:202 Resp: 1972179

Ion Ratio Lower Upper

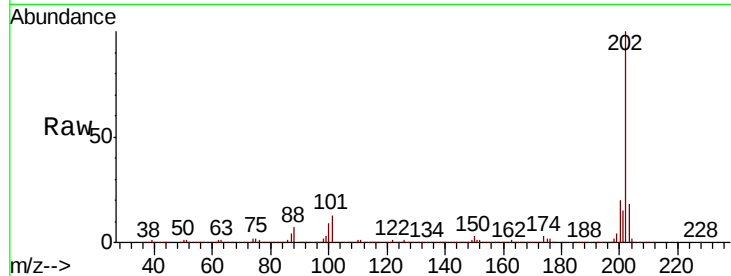
202 100

101 12.7 0.0 32.3

203 18.4 0.0 37.6

Manual Integrations
APPROVED

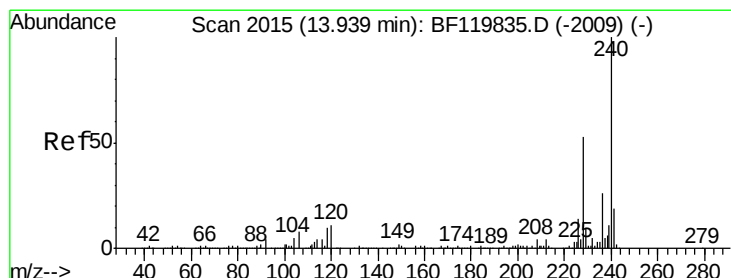
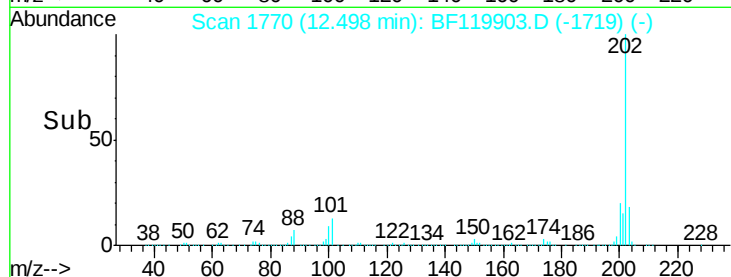
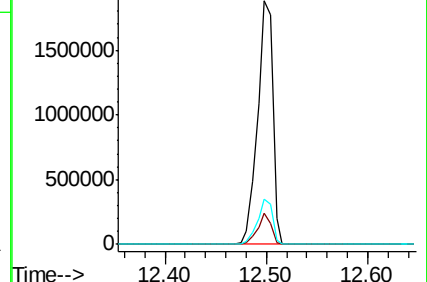
mohammad
4/14/2020 3:39:13 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

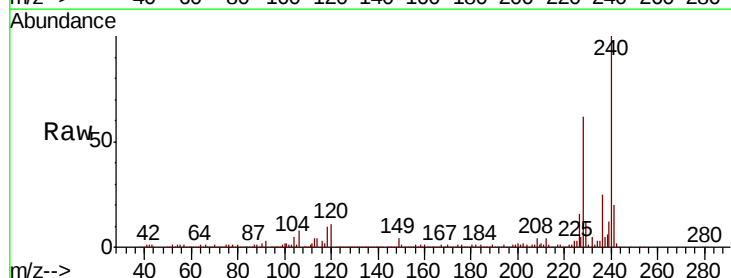
Tgt Ion:240 Resp: 438358

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

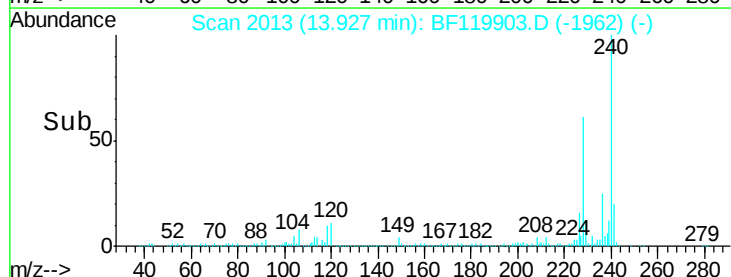
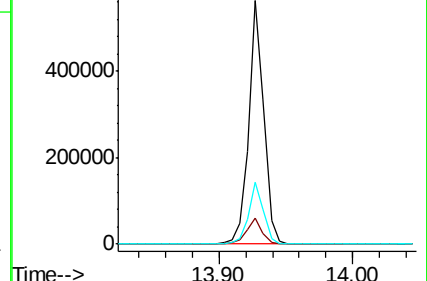
236 25.5 20.7 31.1

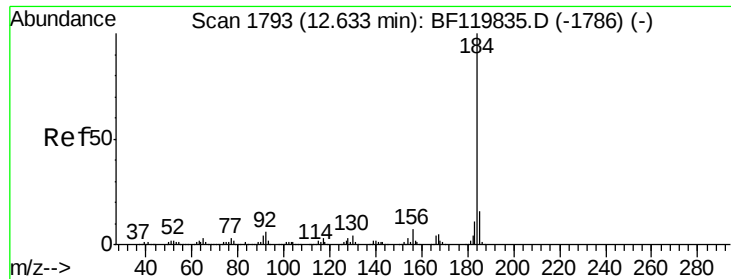


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.033 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

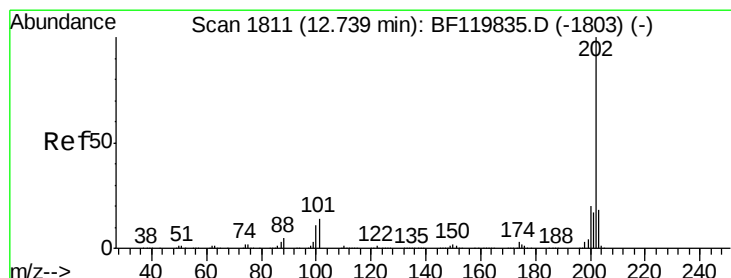
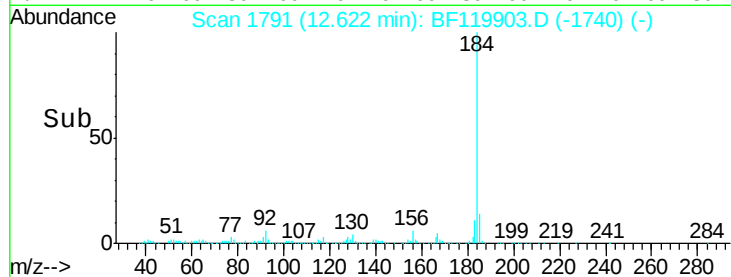
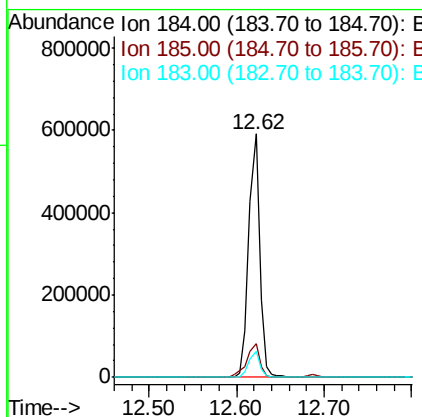
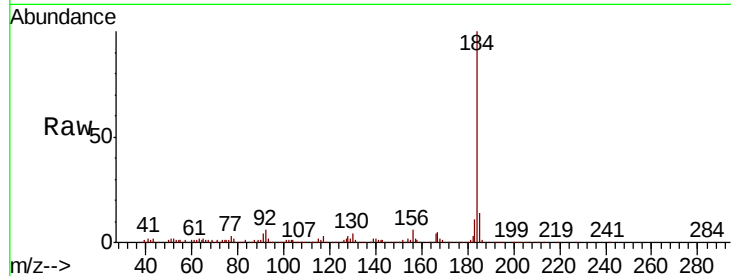
ClientSampleId :

MW-1DMS

Tot Ion:	184	Resp:	489477
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.2	19.8
183	10.5	9.1	13.7

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#78

Pyrene

Concen: 51.545 ng

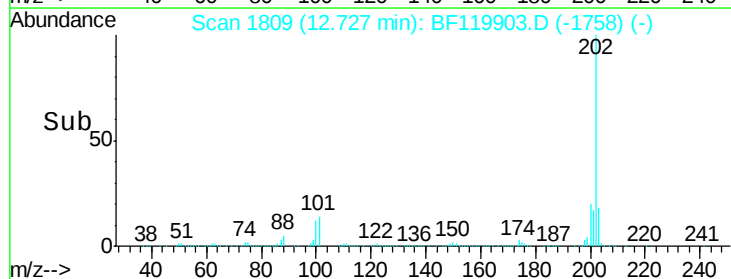
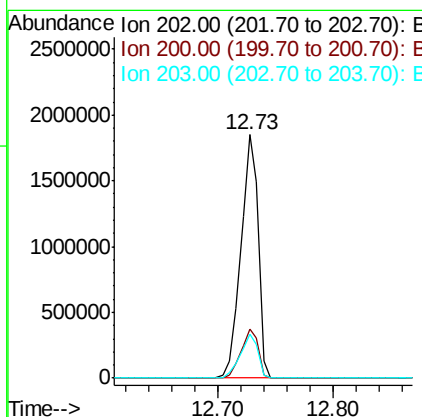
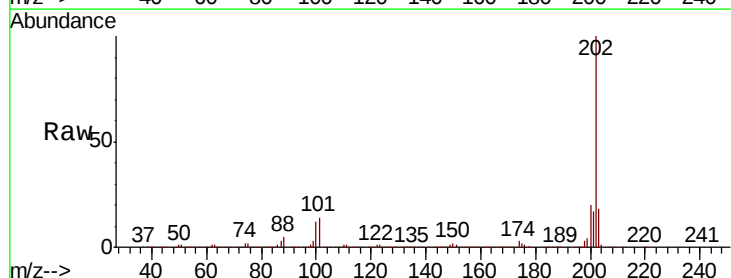
RT: 12.73 min Scan# 1809

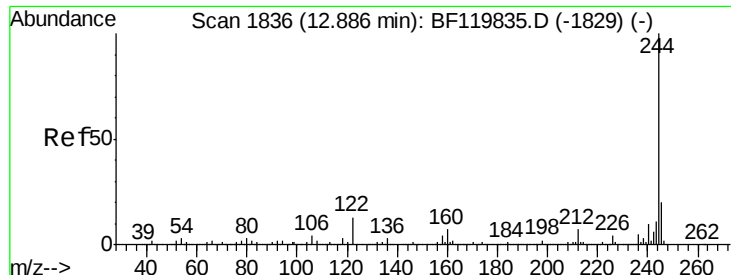
Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Tgt Ion:	202	Resp:	1904805
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	17.9	14.1	21.1





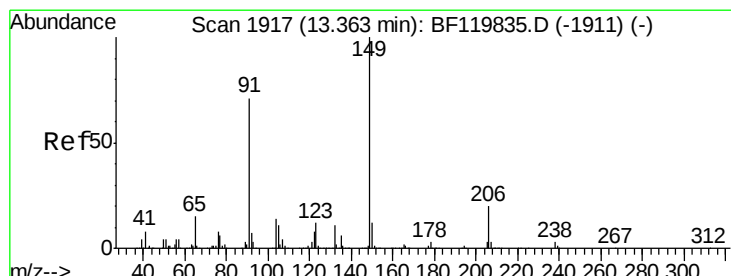
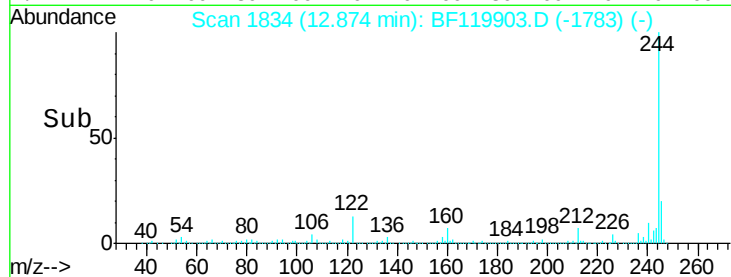
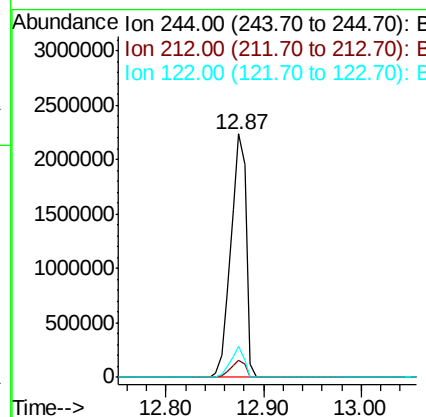
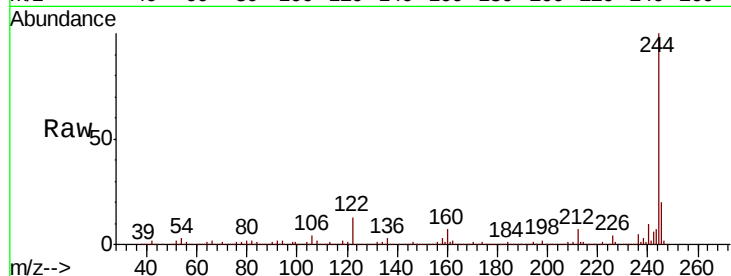
#79
 Terphenyl-d14
 Concen: 93.185 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	10.3	15.5

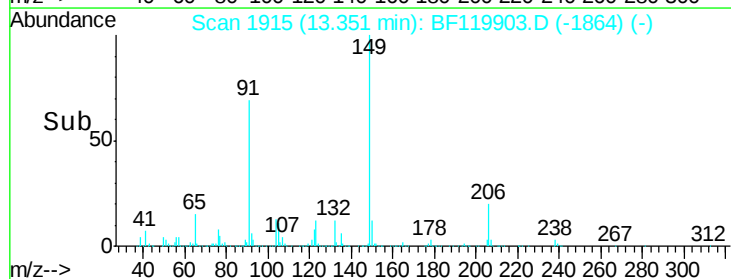
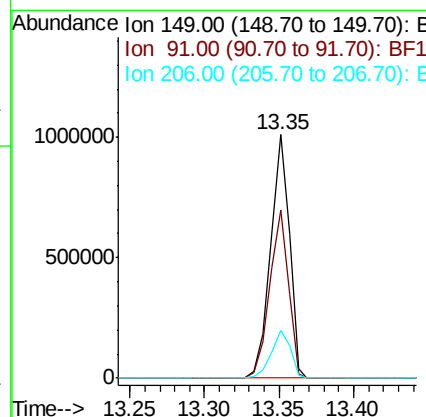
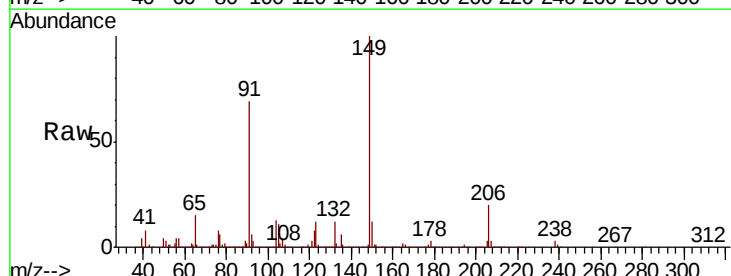
Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:39:13 PM



#80
 Butylbenzylphthalate
 Concen: 48.616 ng
 RT: 13.35 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.7	85.1
206	19.8	15.7	23.5





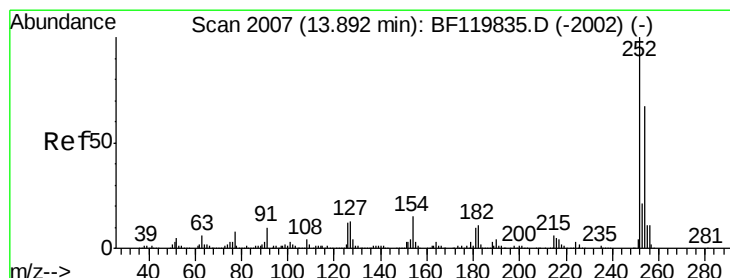
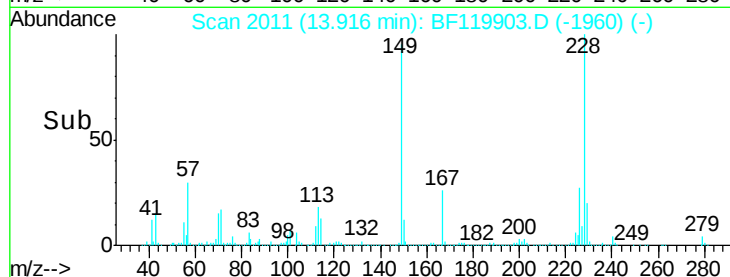
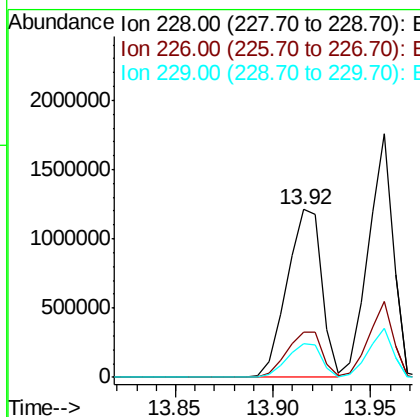
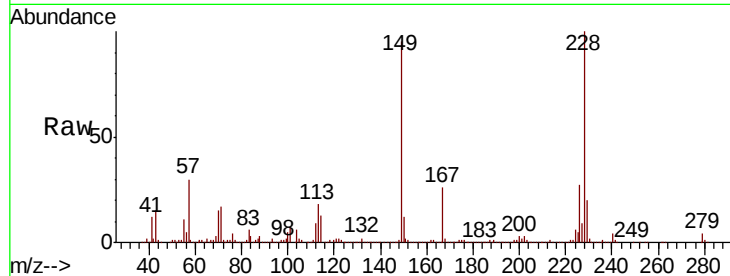
#81
Benzo(a)anthracene
Concen: 51.871 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	20.0	15.9	23.9

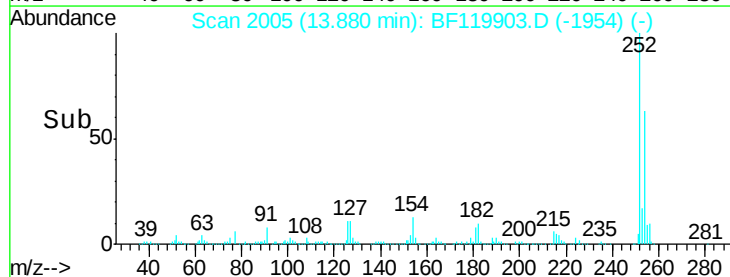
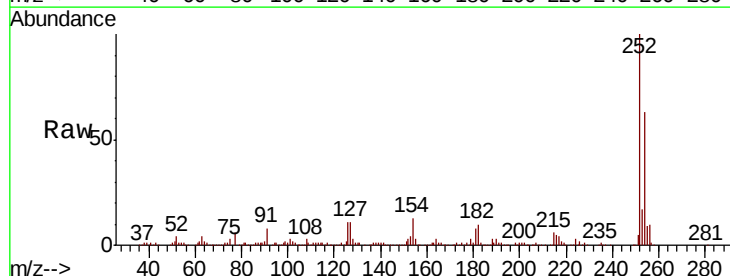
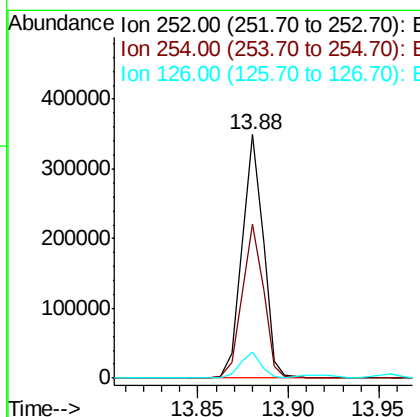
Manual Integrations
APPROVED

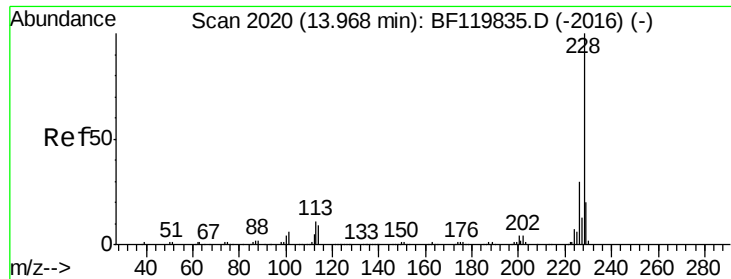
mohammad
4/14/2020 3:39:13 PM



#82
3,3'-Dichlorobenzidine
Concen: 26.556 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	53.9	80.9
126	10.6	9.7	14.5





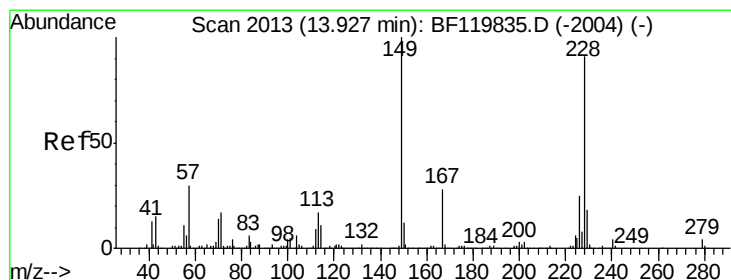
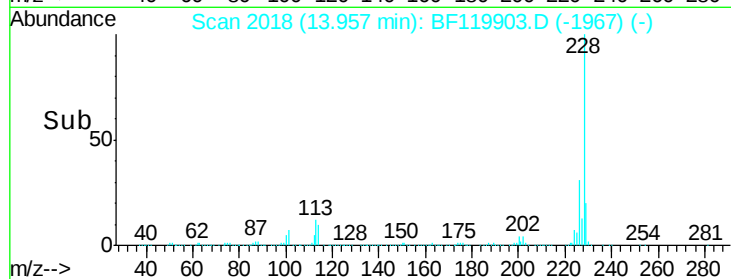
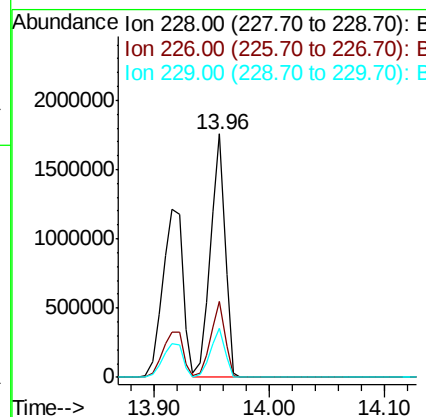
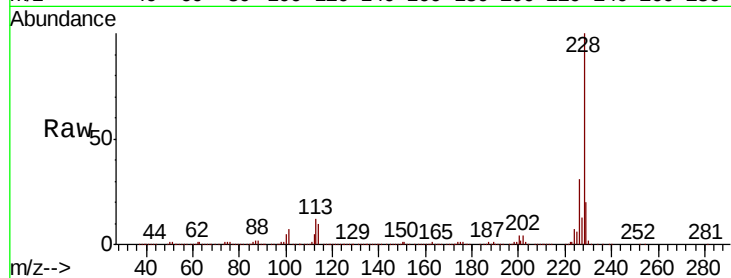
#83
 Chrvsene
 Concen: 52.791 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMS

Tot Ion:228 Resp: 1546869
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.2 36.2
 229 20.2 15.9 23.9

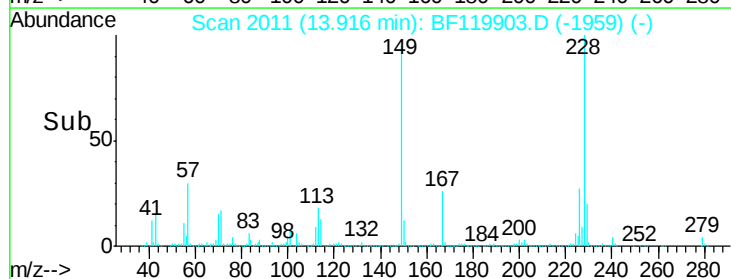
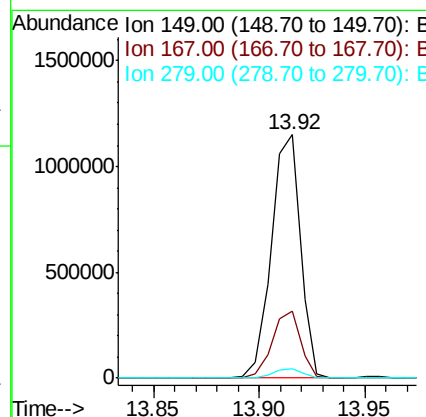
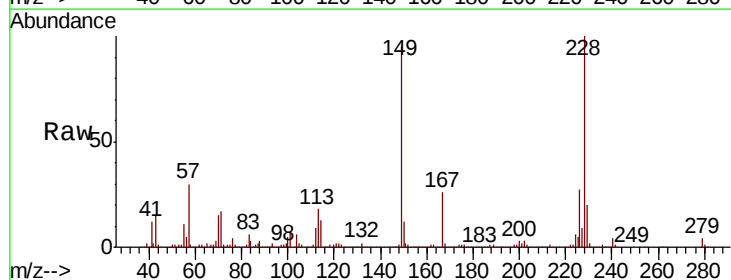
Manual Integrations
 APPROVED

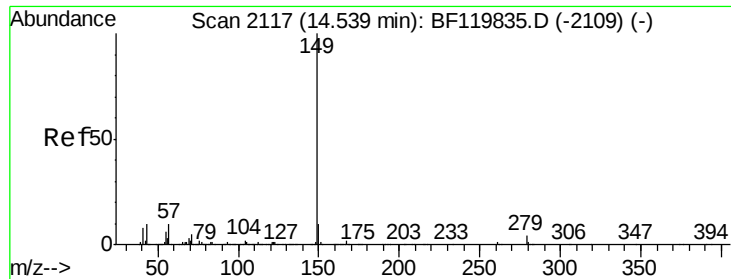
mohammad
 4/14/2020 3:39:13 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.602 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119903.D
 Acq: 10 Apr 2020 19:06

Tgt Ion:149 Resp: 1107357
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.2 33.2
 279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 43.810 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MW-1DMS

Tot Ion:149 Resp: 1811369

Ion Ratio Lower Upper

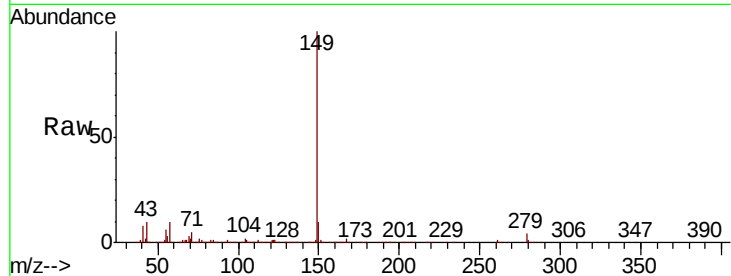
149 100

167 1.5 1.2 1.8

43 11.1 9.2 13.8

Manual Integrations
APPROVED

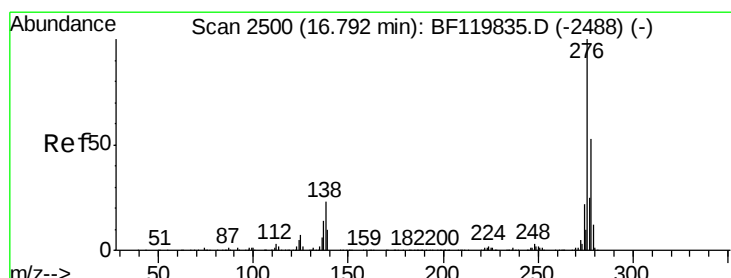
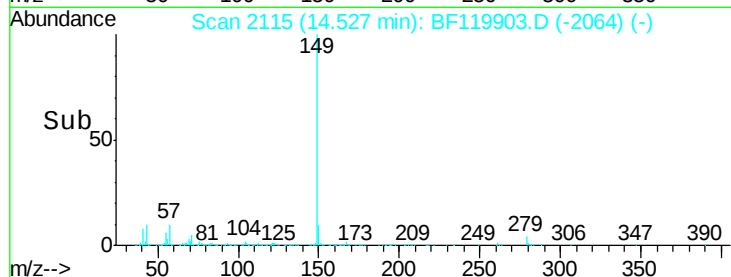
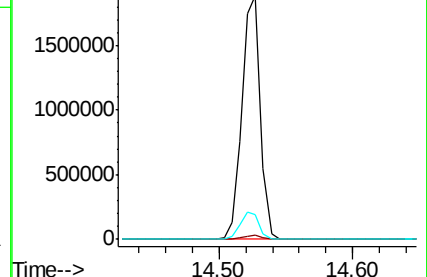
mohammad
4/14/2020 3:39:13 PM



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: 48.985 ng

RT: 16.77 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF119903.D

Acq: 10 Apr 2020 19:06

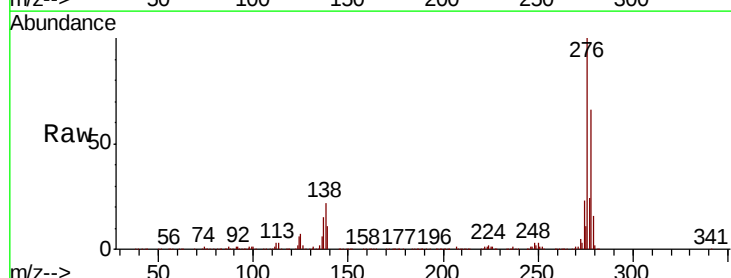
Tgt Ion:276 Resp: 1265242

Ion Ratio Lower Upper

276 100

138 22.6 18.0 27.0

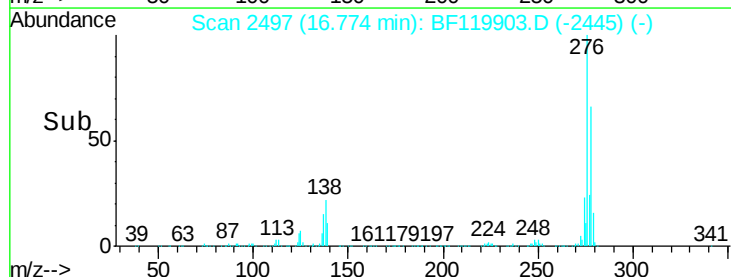
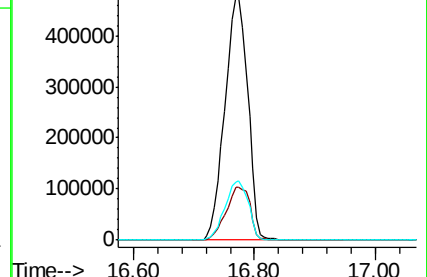
277 24.8 20.1 30.1

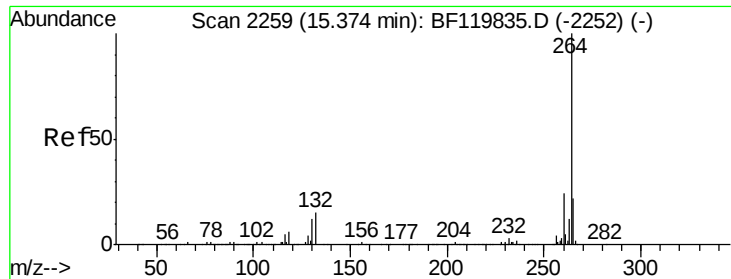


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





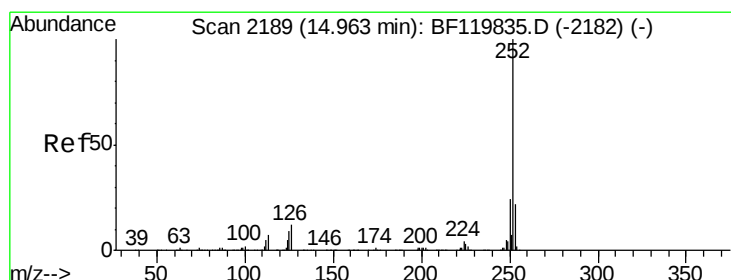
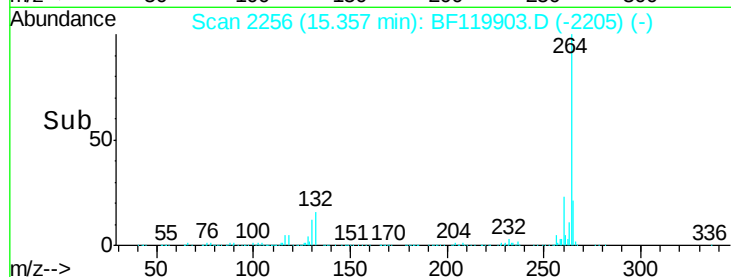
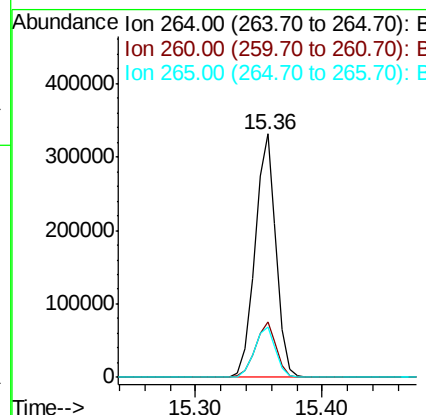
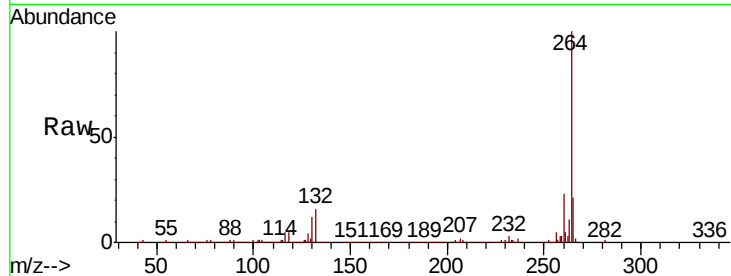
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion:	264	Resp:	381065
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.3	28.9
265	20.8	17.6	26.4

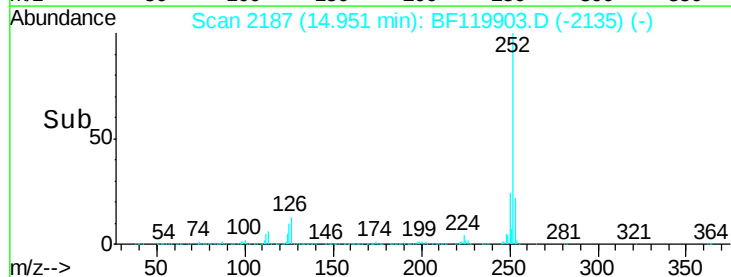
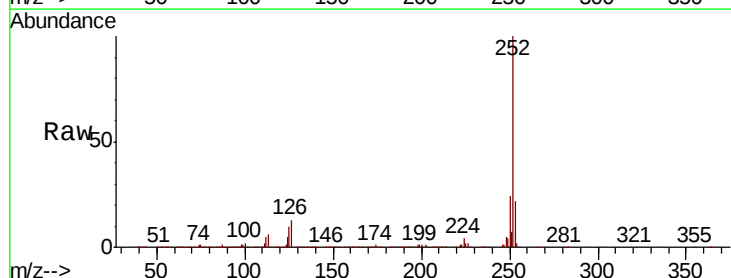
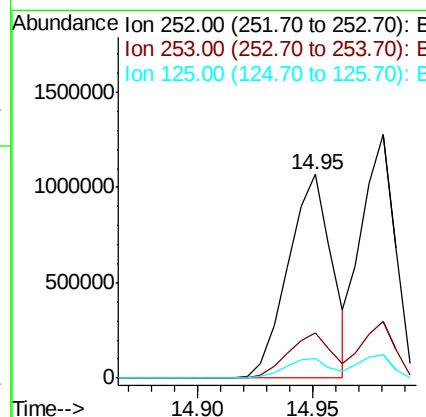
Manual Integrations
APPROVED

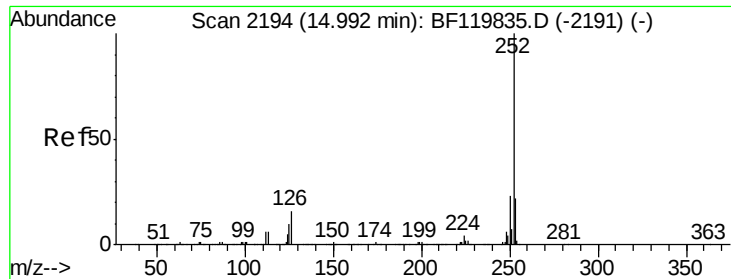
mohammad
4/14/2020 3:39:13 PM



#88
Benzo(b)fluoranthene
Concen: 51.291 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:	252	Resp:	1406029
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	9.7	7.4	11.2





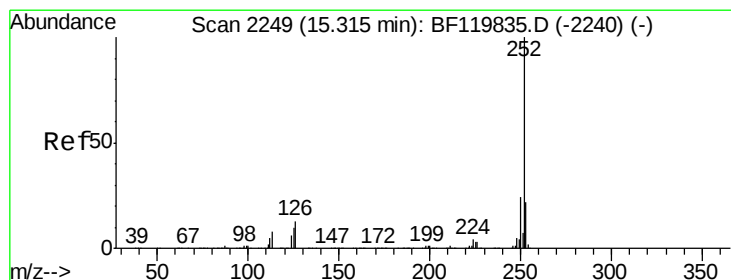
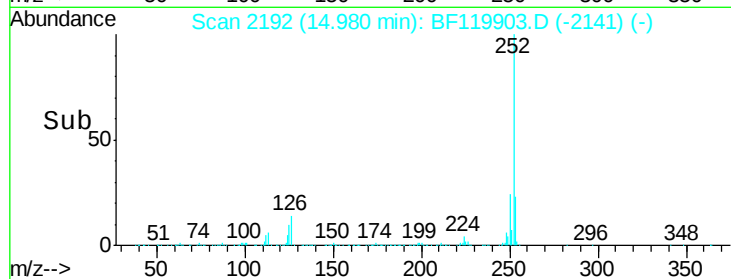
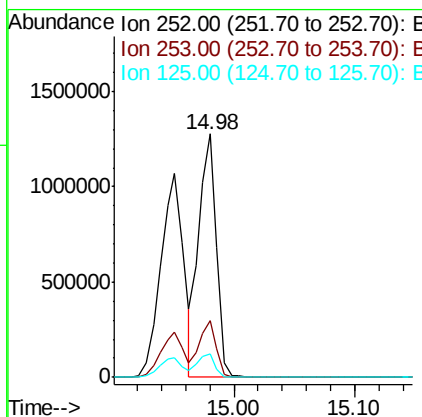
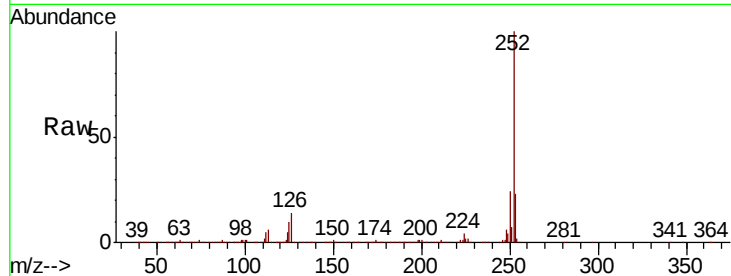
#89
Benzo(k)fluoranthene
Concen: 54.983 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion:252 Resp: 1300479
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.8 7.7 11.5

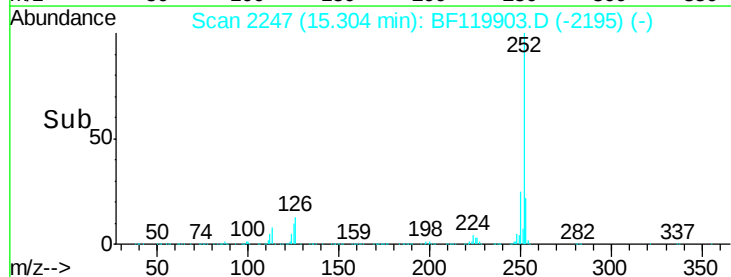
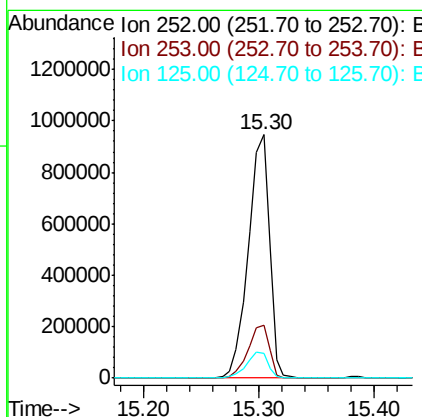
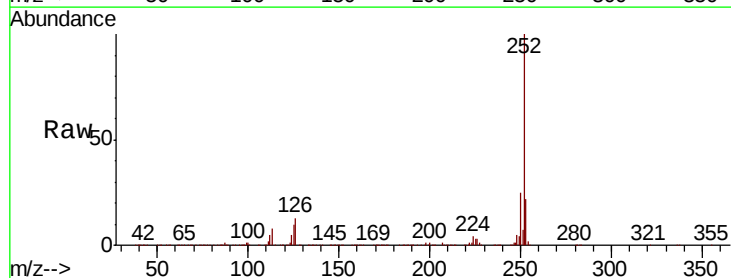
Manual Integrations
APPROVED

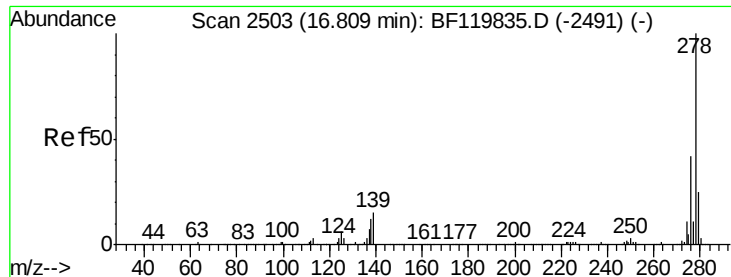
mohammad
4/14/2020 3:39:13 PM



#90
Benzo(a)pyrene
Concen: 52.556 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion:252 Resp: 1211349
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.4 8.3 12.5





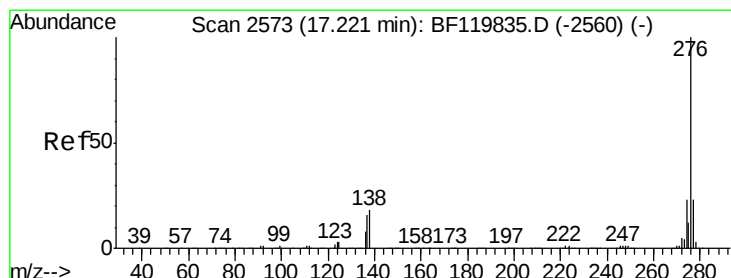
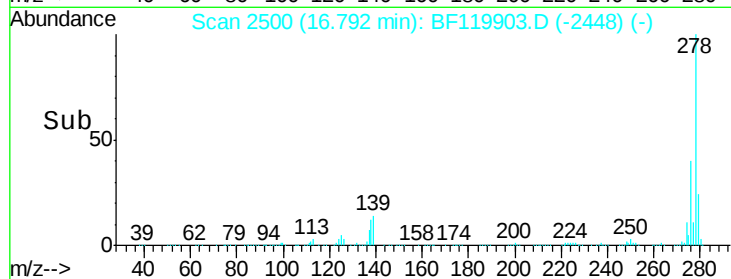
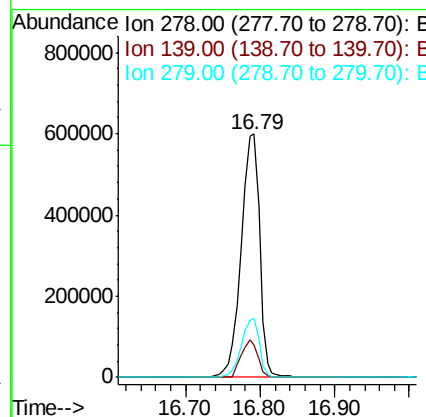
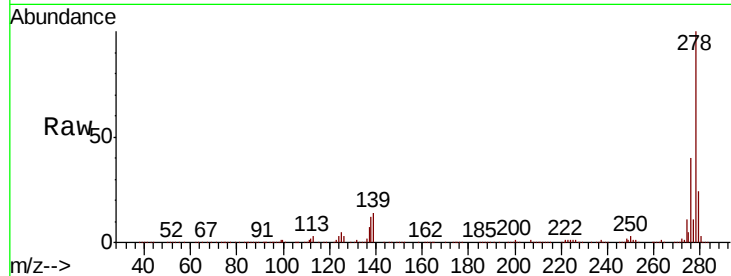
#91
Dibenzo(a,h)anthracene
Concen: 50.896 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.6	17.4
279	24.1	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:13 PM



#92
Benzo(g,h,i)perylene
Concen: 55.996 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF119903.D
Acq: 10 Apr 2020 19:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	19.7	14.6	22.0

