

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119878.D
 Acq On : 9 Apr 2020 19:12
 Operator : MA/SJ
 Sample : L2172-01MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:46 AM

Quant Time: Apr 10 02:25:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	174140	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	679591	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	282905	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	449574	20.00	ng	0.00
76) Chrysene-d12	13.94	240	309842	20.00	ng	0.00
87) Perylene-d12	15.38	264	315908	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1523594	151.20	ng	0.02
7) Phenol-d6	6.42	99	2011352	154.91	ng	0.01
23) Nitrobenzene-d5	7.35	82	1274314	97.01	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	532339	153.69	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2291452	115.00	ng	0.00
79) Terphenyl-d14	12.89	244	1830766	99.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	204102	45.477	ng	99
3) Pyridine	3.23	79	608620	49.426	ng	95
4) n-Nitrosodimethylamine	3.19	42	392963	62.460	ng	98
6) Aniline	6.43	93	708452	41.572	ng	# 1
8) 2-Chlorophenol	6.56	128	669403	59.456	ng	97
9) Benzaldehyde	6.32	77	365195	Below Cal		98
10) Phenol	6.43	94	864529	58.691	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	629687	55.364	ng	97
12) 1,3-Dichlorobenzene	6.71	146	670051	54.361	ng	98
13) 1,4-Dichlorobenzene	6.79	146	700778	55.812	ng	97
14) 1,2-Dichlorobenzene	6.95	146	662820	57.280	ng	98
15) Benzyl Alcohol	6.92	79	586973	58.204	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1195015	53.995	ng	97
17) 2-Methylphenol	7.04	107	553208	55.059	ng	93
18) Hexachloroethane	7.29	117	247613	52.768	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	477169	57.150	ng	97
20) 3+4-Methylphenols	7.19	107	664242	54.055	ng	95
22) Acetophenone	7.19	105	890579	55.962	ng	# 95
24) Nitrobenzene	7.36	77	749338	56.705	ng	98
25) Isophorone	7.60	82	1312017	51.811	ng	99
26) 2-Nitrophenol	7.67	139	387622	58.712	ng	98
27) 2,4-Dimethylphenol	7.72	122	619615	62.228	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	901845	60.522	ng	99
29) 2,4-Dichlorophenol	7.92	162	583387	57.159	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	633834	54.808	ng	99
31) Naphthalene	8.08	128	1954095	54.652	ng	99
32) Benzoic acid	7.87	122	467142	53.419	ng	98
33) 4-Chloroaniline	8.13	127	292381	18.784	ng	97
34) Hexachlorobutadiene	8.20	225	346394	50.038	ng	99
35) Caprolactam	8.52	113	167086m	53.518	ng	
36) 4-Chloro-3-methylphenol	8.62	107	584341	52.881	ng	97
37) 2-Methylnaphthalene	8.77	142	1260766	52.010	ng	99
38) 1-Methylnaphthalene	8.87	142	1148496	50.266	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	538368	60.251	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119878.D
 Acq On : 9 Apr 2020 19:12
 Operator : MA/SJ
 Sample : L2172-01MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:46 AM

Quant Time: Apr 10 02:25:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	301407	59.321	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	388053	62.891	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	399297	57.457	nq	98
46) 1,1'-Biphenyl	9.24	154	1424638	59.661	nq	98
47) 2-Chloronaphthalene	9.26	162	1103463	59.987	nq	96
48) 2-Nitroaniline	9.36	65	414389	62.164	nq	98
49) Acenaphthylene	9.68	152	1661459	59.390	nq	99
50) Dimethylphthalate	9.55	163	1604443	73.322	nq	99
51) 2,6-Dinitrotoluene	9.60	165	292888	61.122	nq	99
52) Acenaphthene	9.85	154	1069428m	57.307	nq	
53) 3-Nitroaniline	9.77	138	176288	32.212	nq	97
54) 2,4-Dinitrophenol	9.88	184	157295	54.828	nq	97
55) Dibenzofuran	10.02	168	1633167	63.776	nq	97
56) 4-Nitrophenol	9.95	139	458304	112.550	nq	99
57) 2,4-Dinitrotoluene	10.01	165	394949	62.558	nq	93
58) Fluorene	10.37	166	1248606	60.967	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	341988	64.342	nq	99
60) Diethylphthalate	10.25	149	1474061	64.995	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	611221	58.230	nq	97
62) 4-Nitroaniline	10.39	138	282639	54.191	nq	97
63) Azobenzene	10.52	77	1307656	64.337	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	125592	42.403	nq	84
66) n-Nitrosodiphenylamine	10.48	169	1145517	76.615	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	391956	70.106	nq	98
68) Hexachlorobenzene	10.92	284	397079	70.010	nq	95
69) Atrazine	11.01	200	315564	75.857	nq	96
70) Pentachlorophenol	11.11	266	388656	118.909	nq	100
71) Phenanthrene	11.33	178	1415951	59.178	nq	98
72) Anthracene	11.38	178	1473390	60.280	nq	99
73) Carbazole	11.53	167	1328378	57.469	nq	99
74) Di-n-butylphthalate	11.87	149	1850872	60.911	nq	99
75) Fluoranthene	12.52	202	1464323	56.720	nq	98
77) Benzidine	12.64	184	890418	85.016	nq	96
78) Pyrene	12.75	202	1389252	53.187	nq	100
80) Butylbenzylphthalate	13.37	149	678935	53.567	nq	96
81) Benzo(a)anthracene	13.93	228	1160716	56.944	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	447662	58.860	nq	96
83) Chrysene	13.97	228	1161372	56.074	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	928829	54.116	nq	98
85) Di-n-octyl phthalate	14.54	149	1619559	55.418	nq	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1114859	61.065	nq	100
88) Benzo(b)fluoranthene	14.97	252	1329641	58.508	nq	100
89) Benzo(k)fluoranthene	15.00	252	1038693	52.973	nq	99
90) Benzo(a)pyrene	15.33	252	1110670	58.127	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	932619	55.102	nq	100
92) Benzo(g,h,i)perylene	17.23	276	907860	54.340	nq	99

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

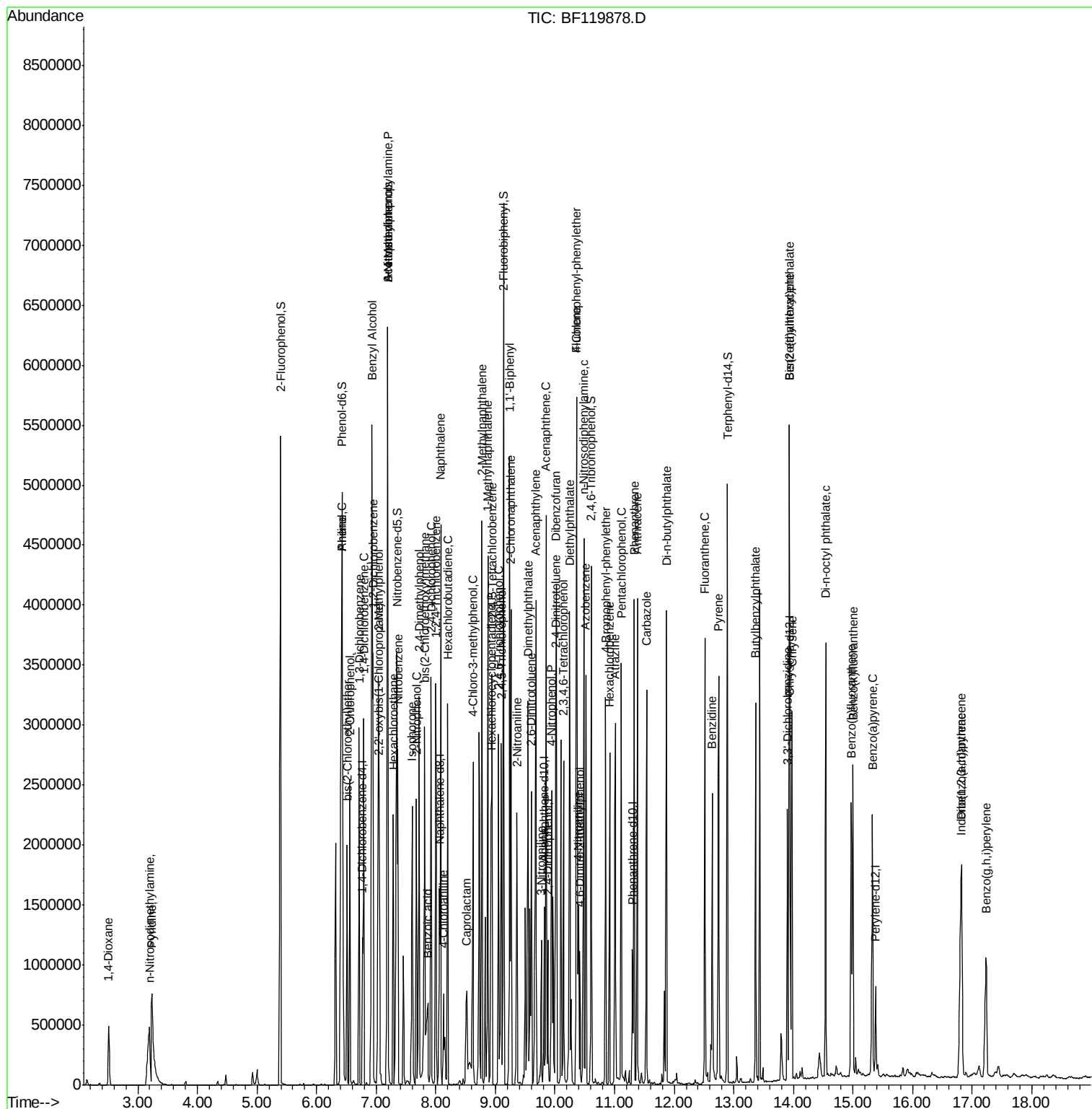
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119878.D
Acq On : 9 Apr 2020 19:12
Operator : MA/SJ
Sample : L2172-01MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
CC-1MSD

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM

Quant Time: Apr 10 02:25:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration





#1

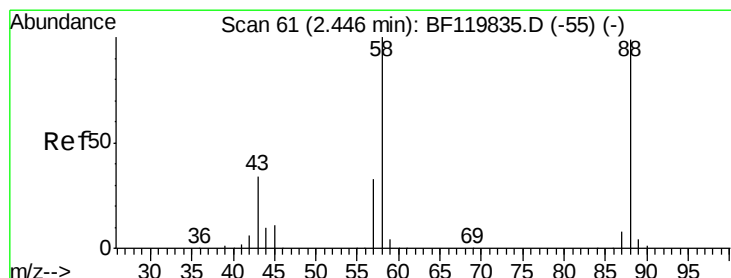
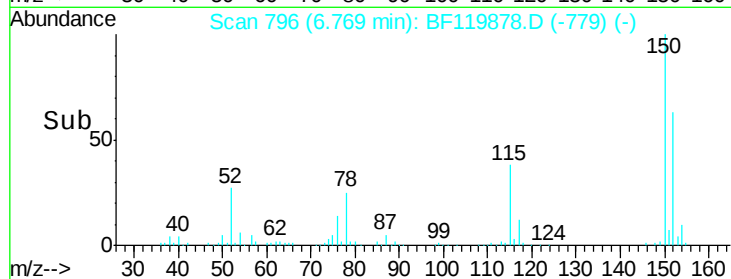
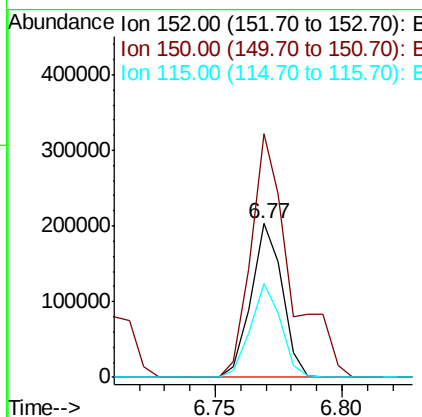
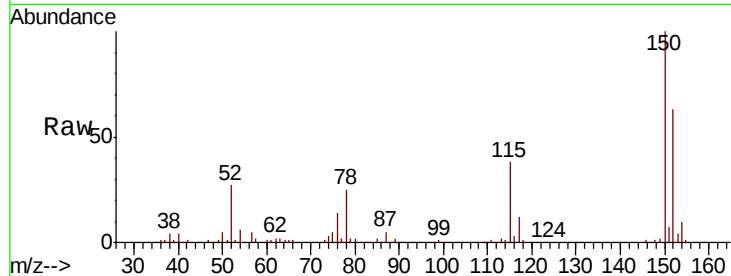
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.8	187.2
115	60.9	46.5	69.7

Manual Integrations
APPROVED

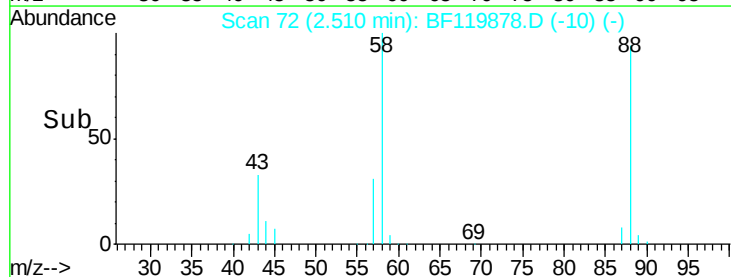
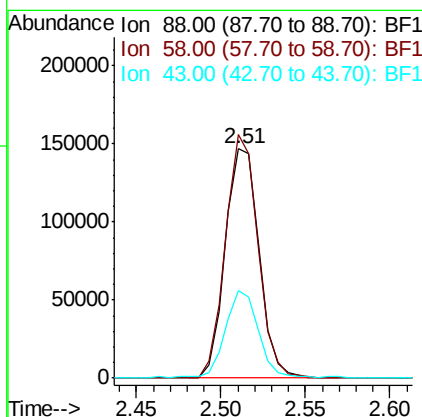
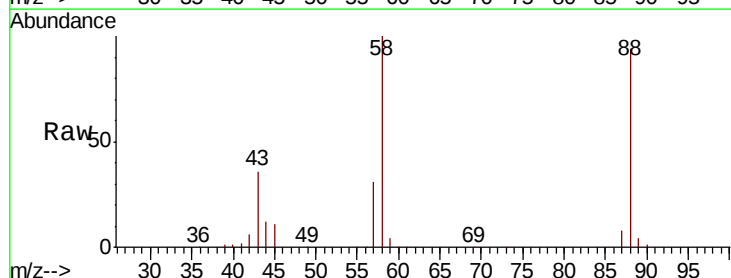
mohammad
4/10/2020 9:57:46 AM

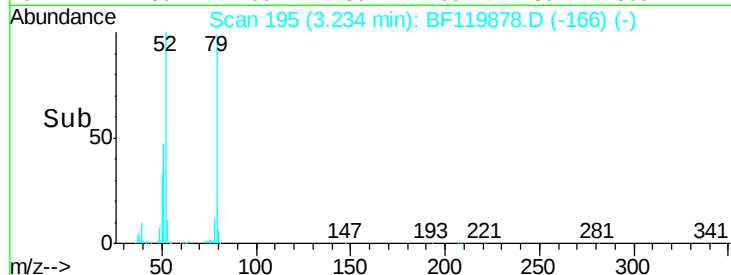
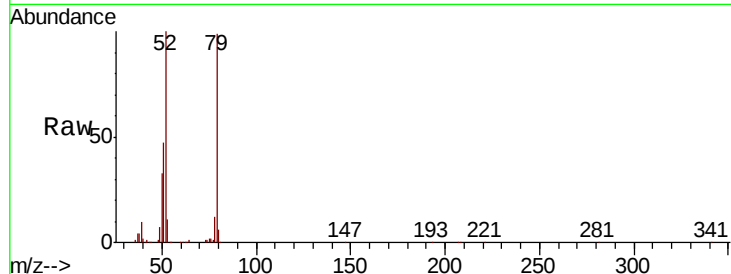
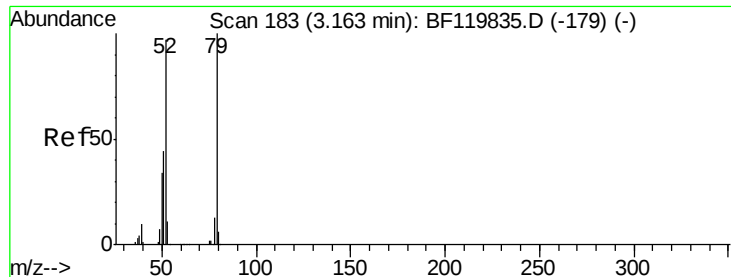


#2

1,4-Dioxane
Concen: 45.477 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.06 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.2	82.6	123.8
43	36.6	28.6	42.8





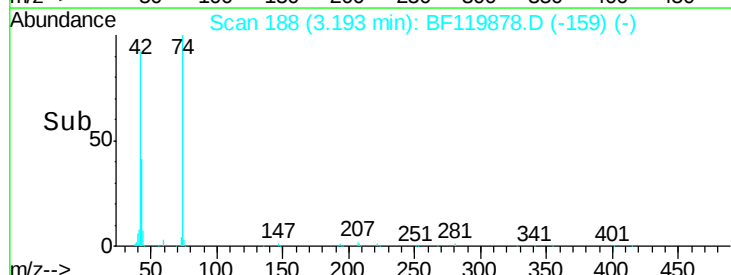
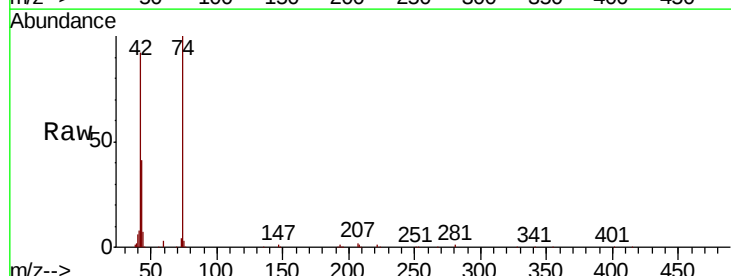
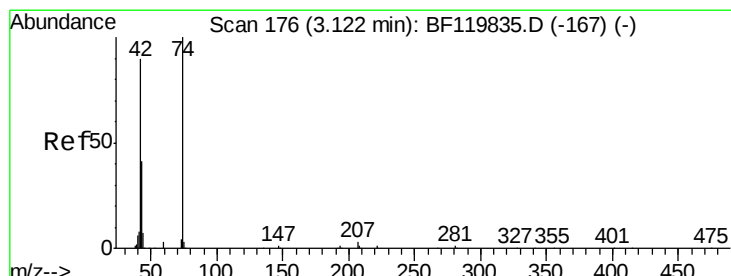
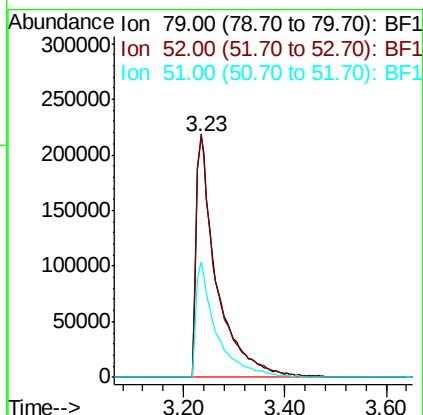
#3
Pvridine
Concen: 49.426 ng
RT: 3.23 min Scan# 195
Delta R.T. 0.07 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.1	77.4	116.0		
51	47.9	35.3	52.9		

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

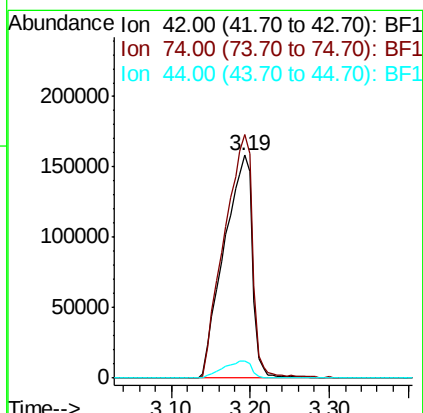
Manual Integrations
APPROVED

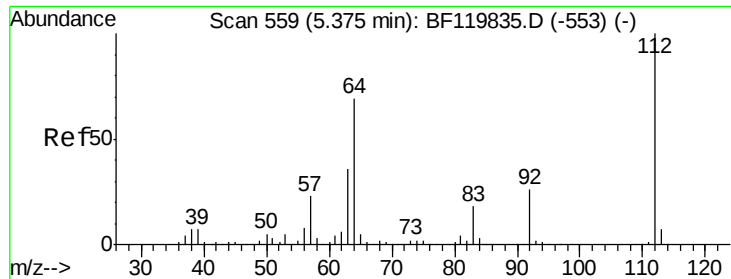
mohammad
4/10/2020 9:57:46 AM



#4
n-Nitrosodimethylamine
Concen: 62.460 ng
RT: 3.19 min Scan# 188
Delta R.T. 0.07 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	109.2	89.0	133.4		
44	7.8	6.2	9.4		





#5

2-Fluorophenol

Concen: 151.203 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

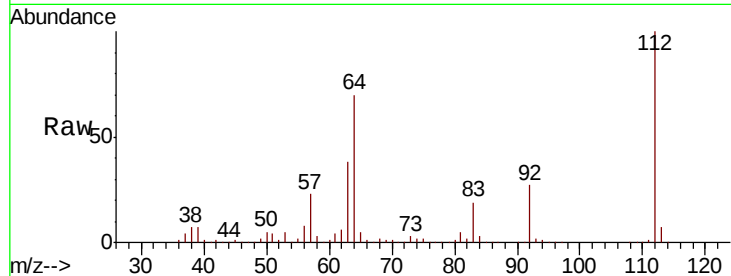
ClientSampleId :

CC-1MSD

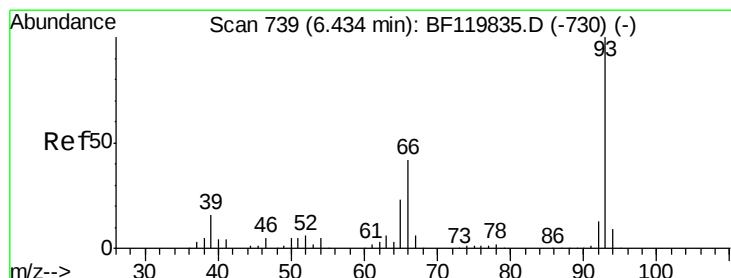
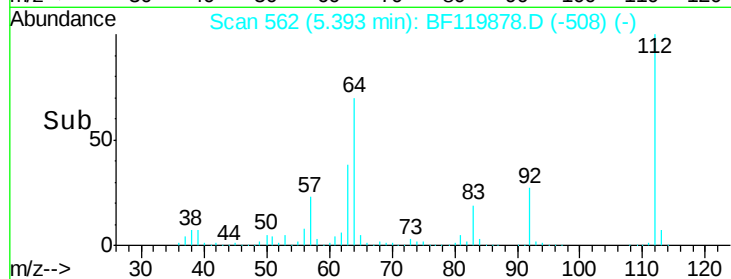
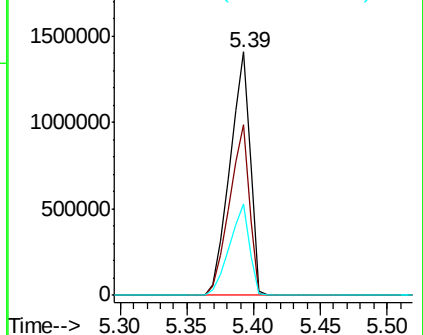
Tot Ion:	112	Resp:	1523594
Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.5	83.3
63	37.5	29.1	43.7

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.572 ng

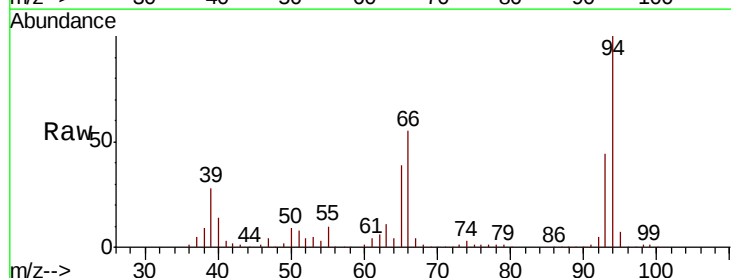
RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

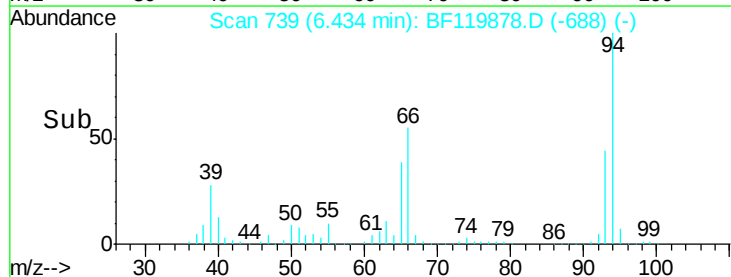
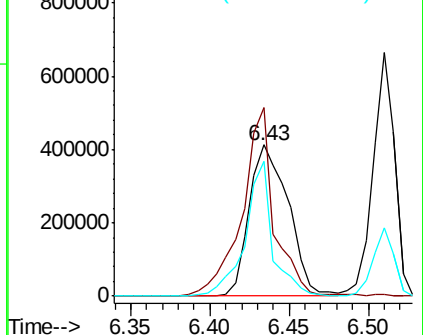
Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:	93	Resp:	708452
Ion	Ratio	Lower	Upper
93	100		
66	125.0	34.2	51.2#
65	89.4	18.3	27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.910 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

CC-1MSD

Tot Ion: 99 Resp: 2011352

Ion Ratio Lower Upper

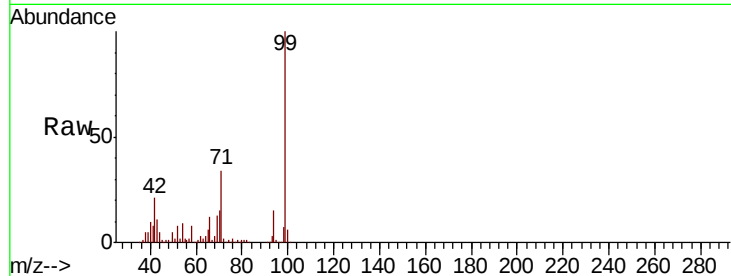
99 100

42 21.2 16.9 25.3

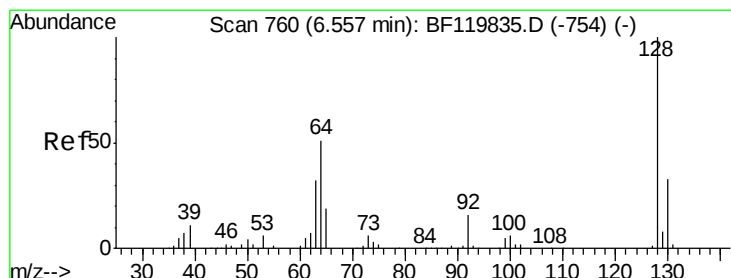
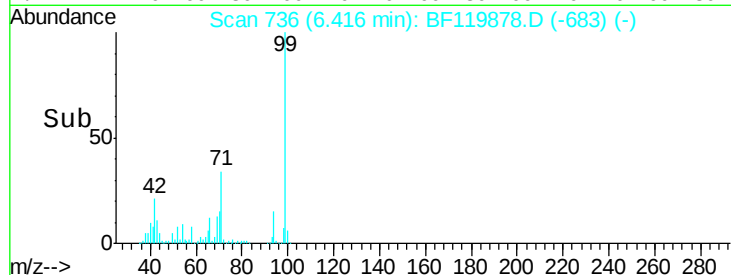
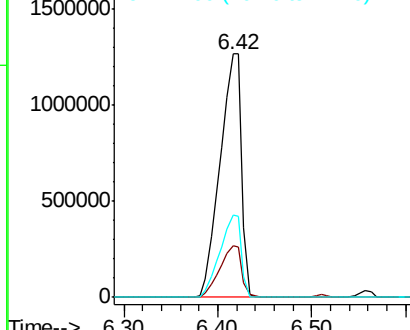
71 33.6 26.3 39.5

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 59.456 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

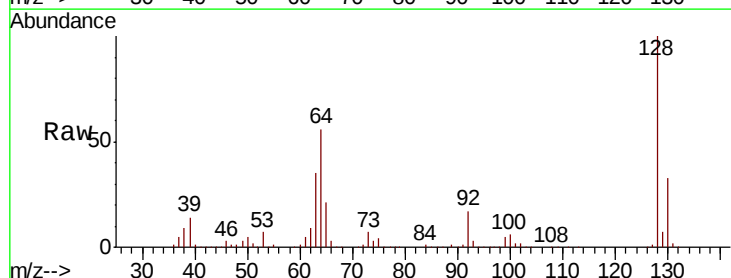
Tgt Ion: 128 Resp: 669403

Ion Ratio Lower Upper

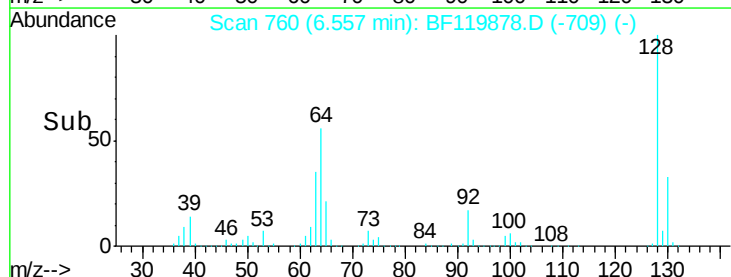
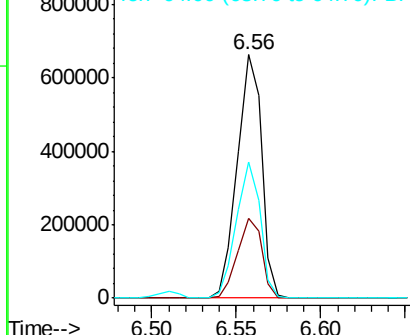
128 100

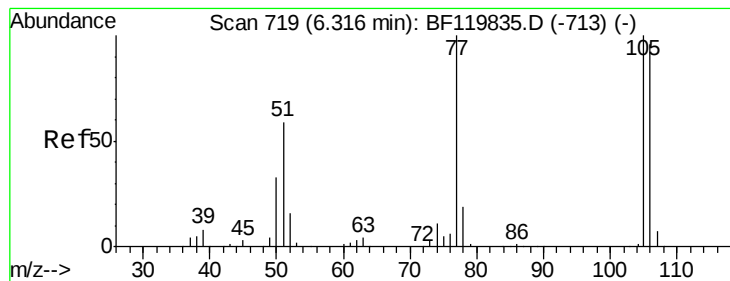
130 32.6 12.6 52.6

64 55.7 32.0 72.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

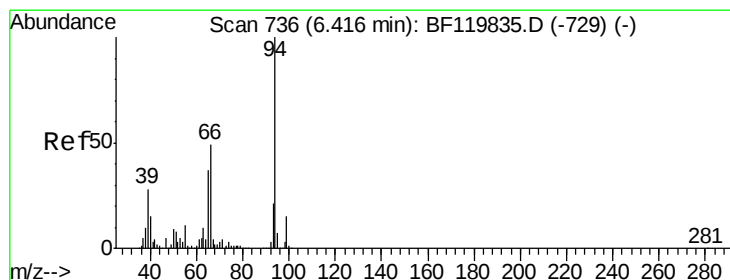
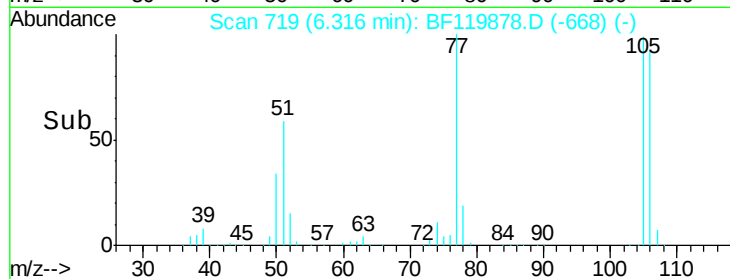
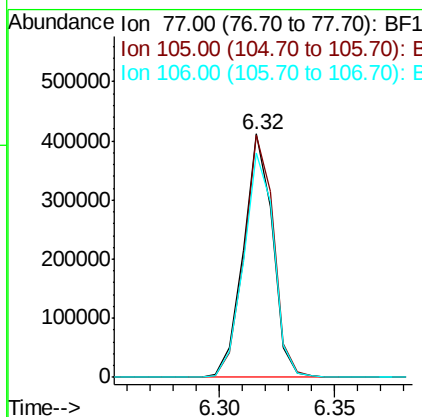
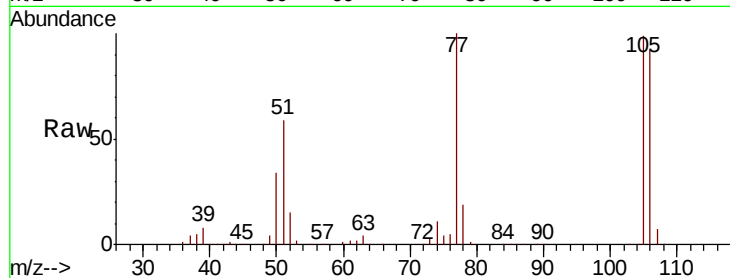
ClientSampled :

CC-1MSD

Tot Ion:	77	Resp:	365195
Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.9	119.9
106	92.3	76.4	116.4

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#10

Phenol

Concen: 58.691 ng

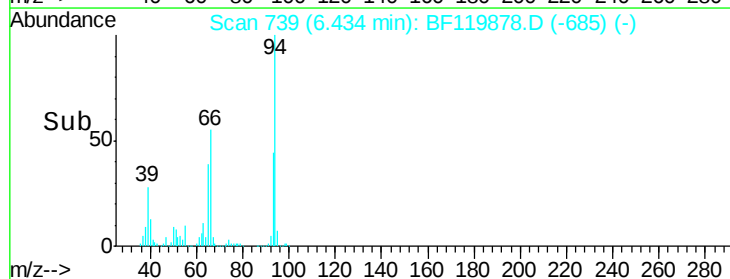
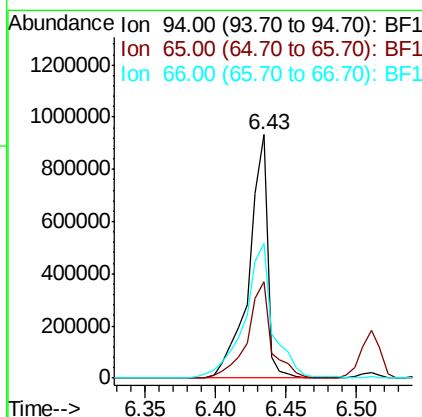
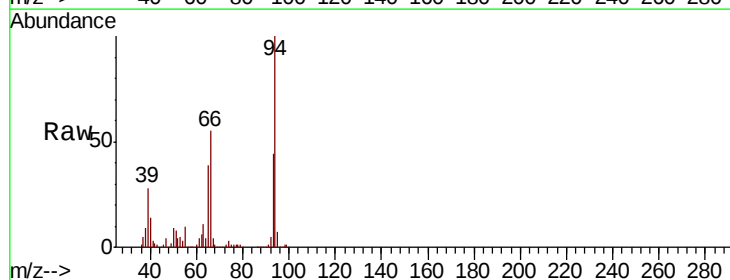
RT: 6.43 min Scan# 739

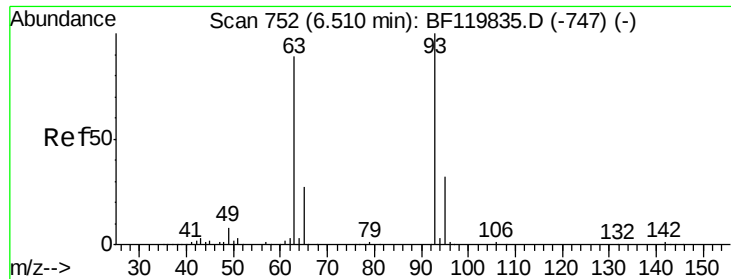
Delta R.T. 0.02 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:	94	Resp:	864529
Ion	Ratio	Lower	Upper
94	100		
65	39.5	16.6	56.6
66	55.2	29.3	69.3





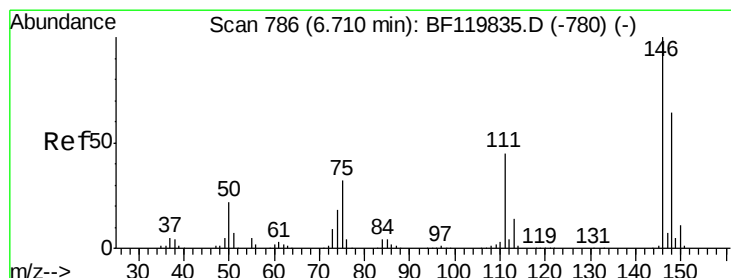
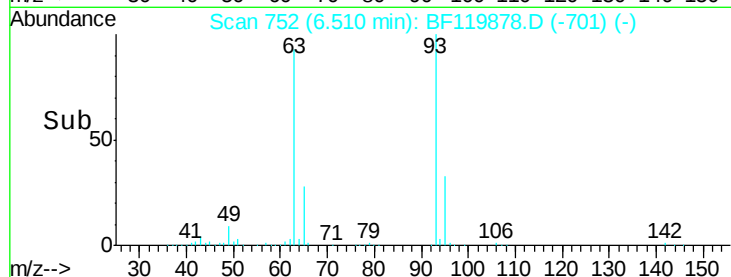
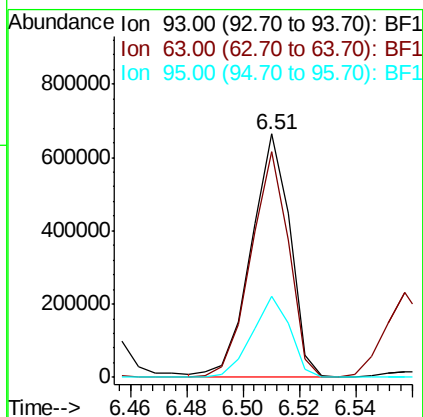
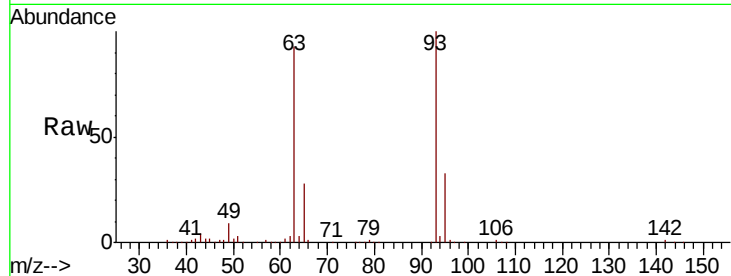
#11
bis(2-Chloroethyl)ether
Concen: 55.364 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion:	93	Resp:	629687
Ion	Ratio	Lower	Upper
93	100		
63	92.6	69.1	109.1
95	33.3	12.3	52.3

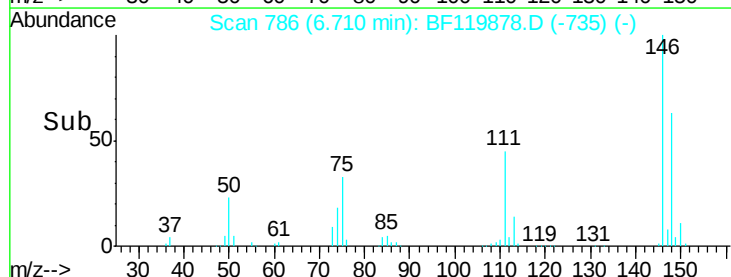
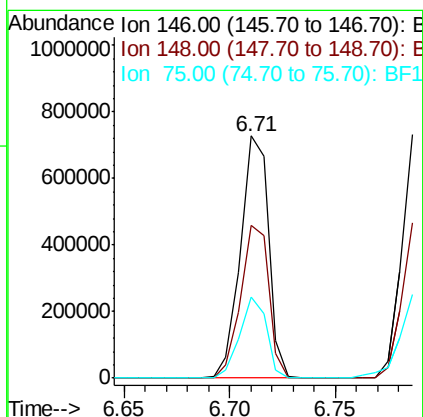
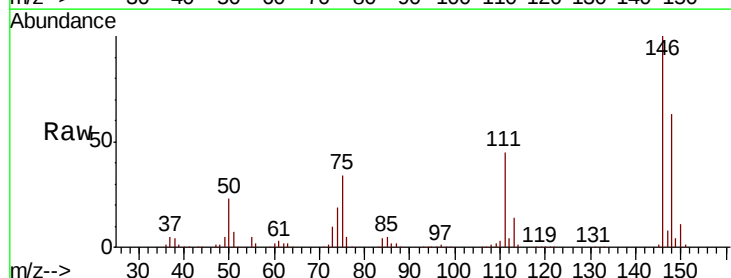
Manual Integrations
APPROVED

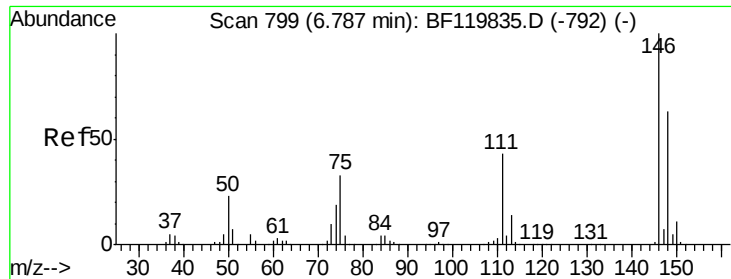
mohammad
4/10/2020 9:57:46 AM



#12
1,3-Dichlorobenzene
Concen: 54.361 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:	146	Resp:	670051
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.3	76.9
75	33.6	25.3	37.9





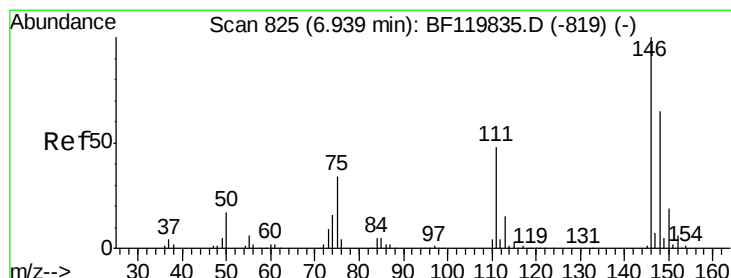
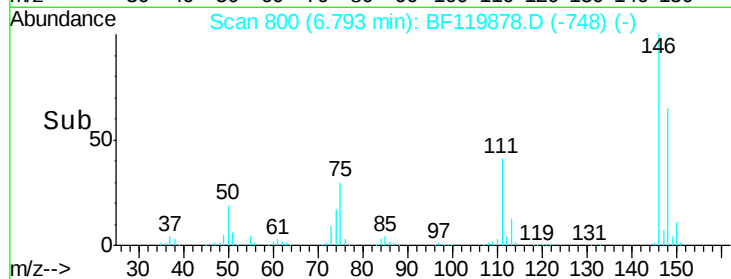
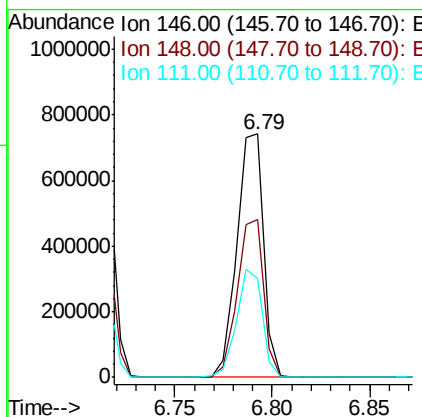
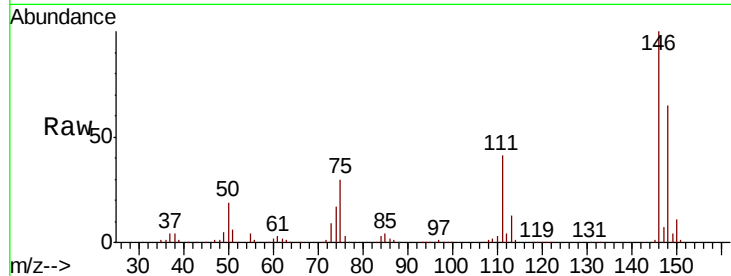
#13
 1,4-Dichlorobenzene
 Concen: 55.812 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampled :
 CC-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
111	40.8	34.7	52.1

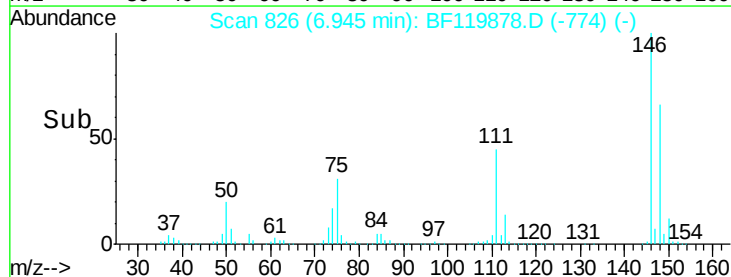
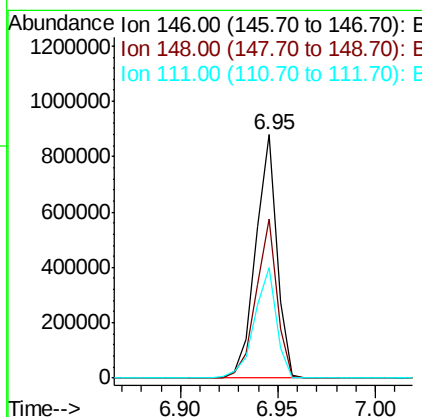
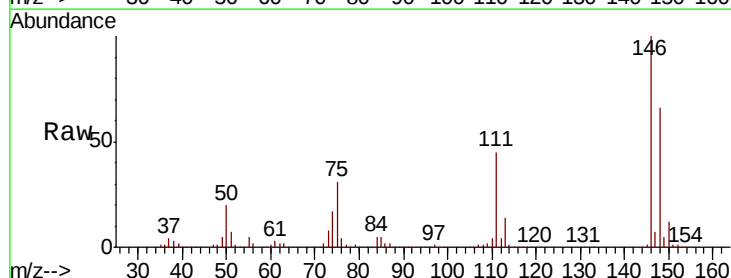
Manual Integrations
 APPROVED

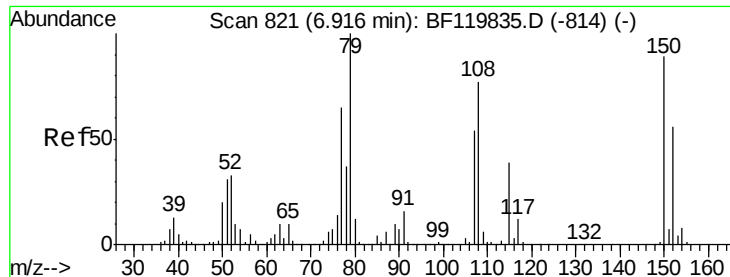
mohammad
 4/10/2020 9:57:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 57.280 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
111	45.2	38.0	57.0





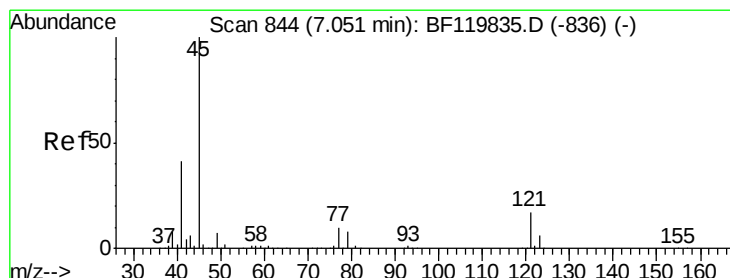
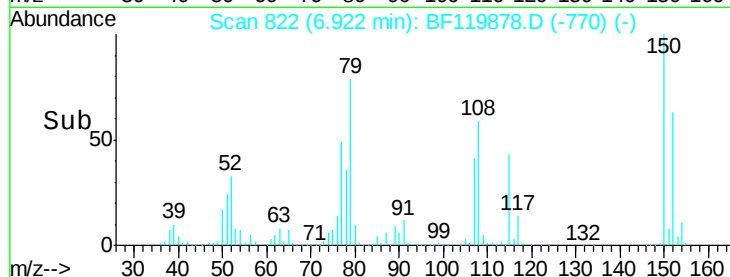
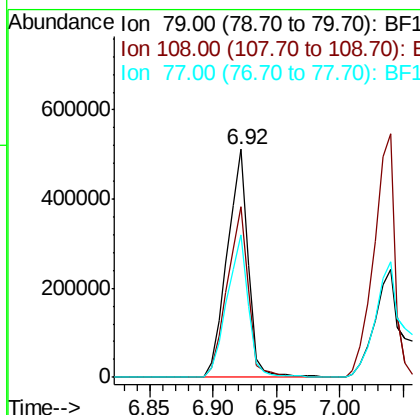
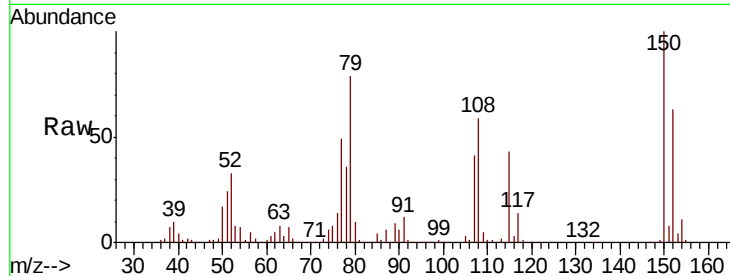
#15
Benzyl Alcohol
Concen: 58.204 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampled :
CC-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.0	62.0	93.0
77	62.5	51.8	77.6

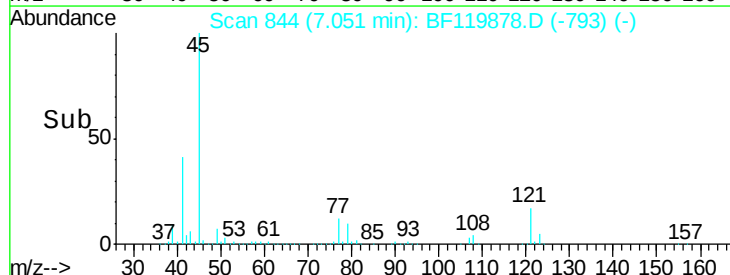
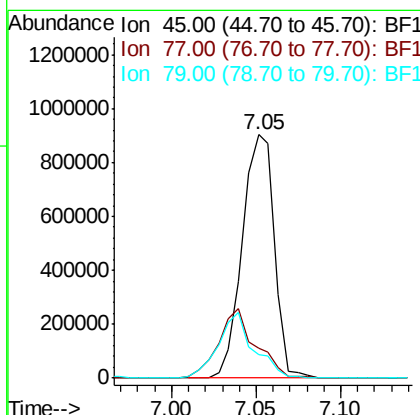
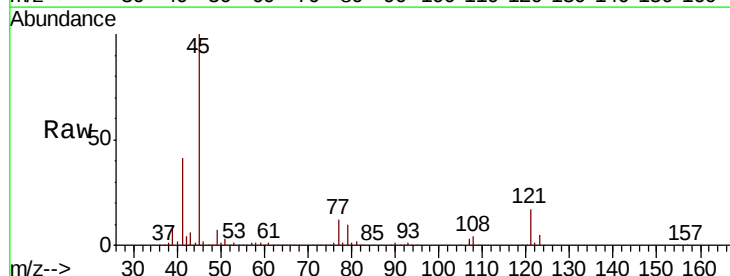
Manual Integrations
APPROVED

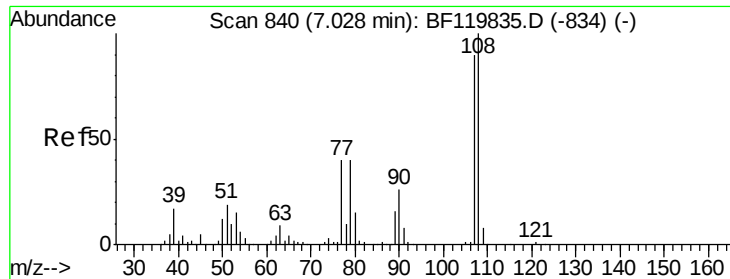
mohammad
4/10/2020 9:57:46 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.995 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.7
79	9.6	0.0	28.6





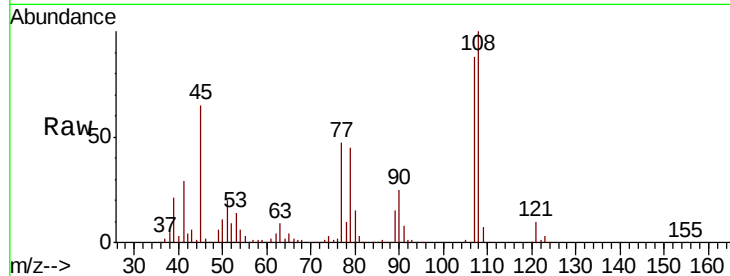
#17
2-Methylphenol
Concen: 55.059 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.8	88.8	133.2		
77	53.9	36.0	54.0		
79	50.7	35.7	53.5		

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



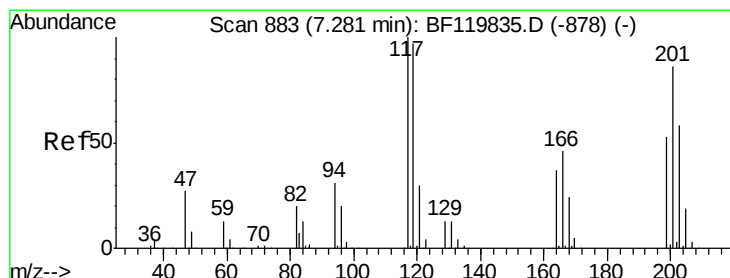
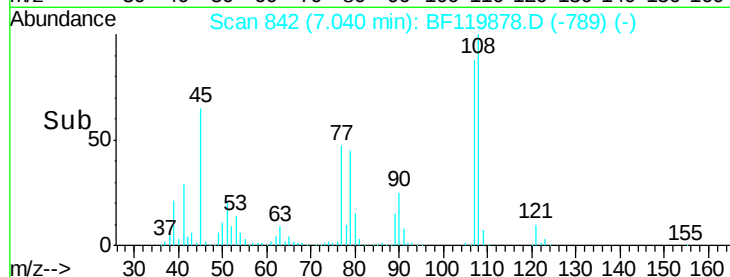
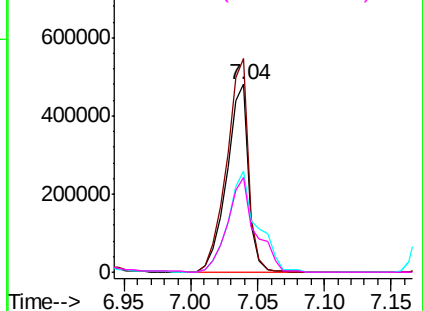
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

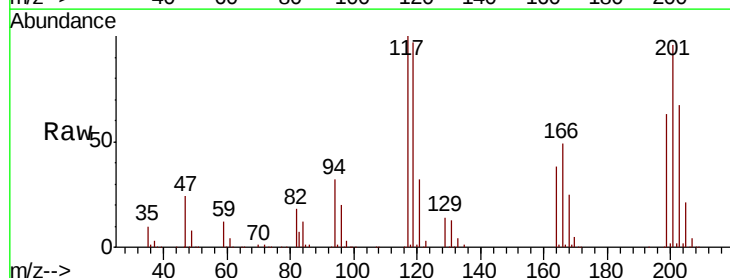
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 52.768 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.8	77.4	116.0		
201	96.4	68.4	102.6		

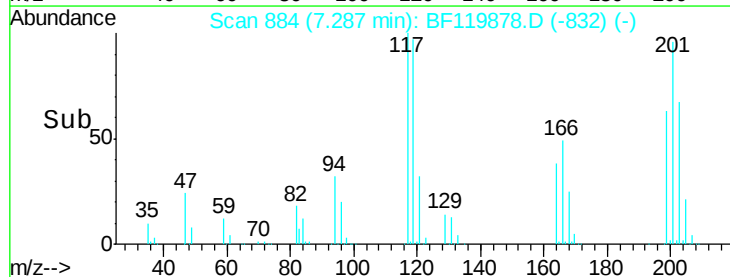
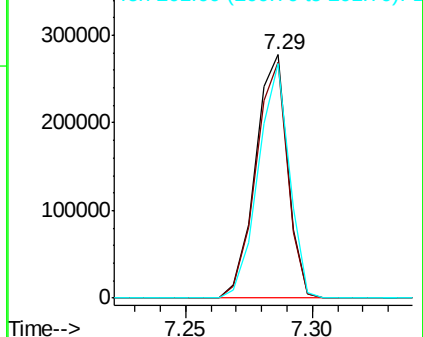


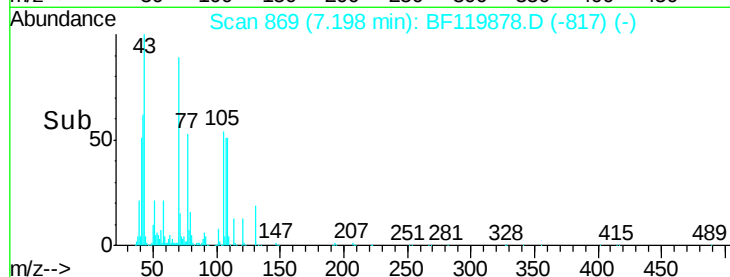
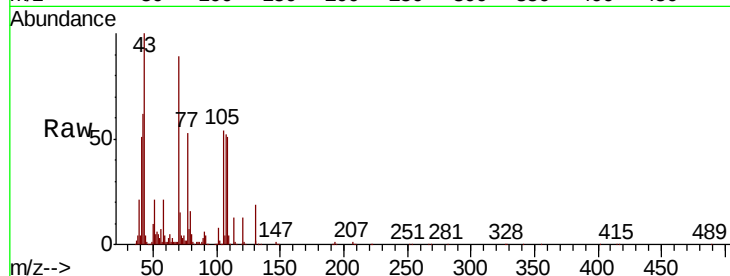
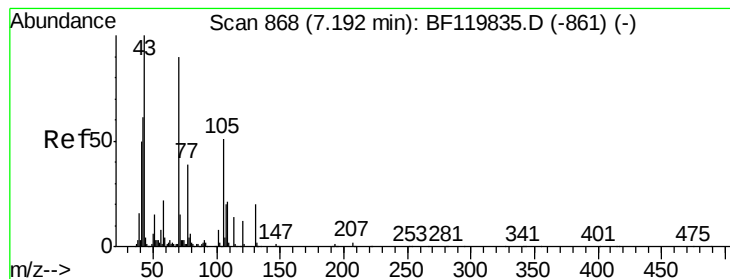
Abundance

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: 57.150 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.3	54.2	81.4
101	9.2	7.4	11.2
130	21.4	17.8	26.6

Instrument :

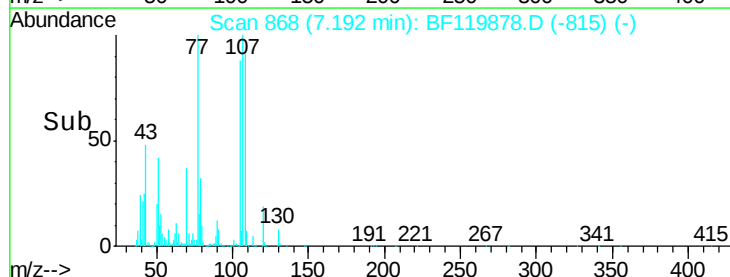
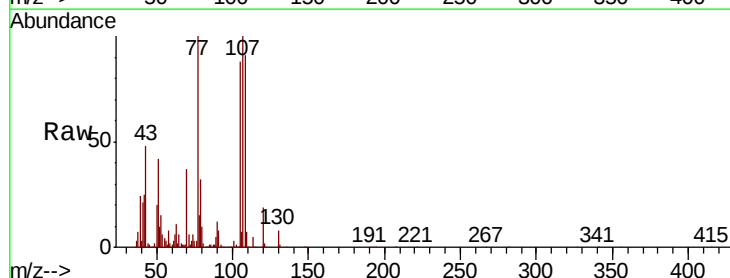
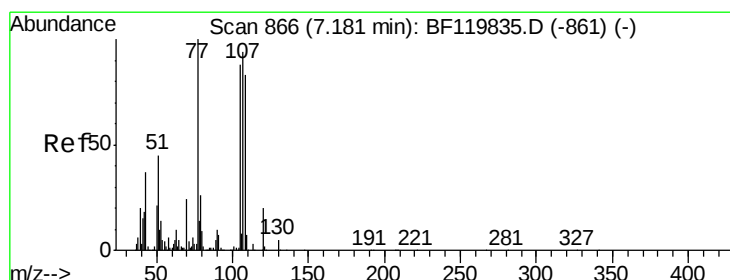
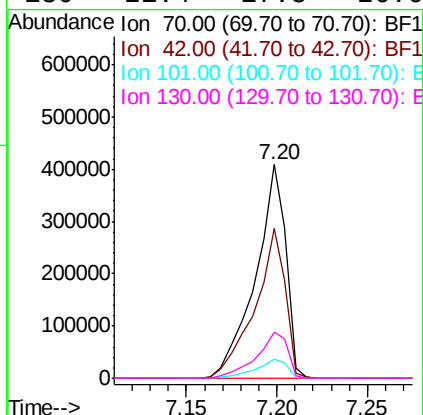
BNA_F

ClientSampleId :

CC-1MSD

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#20

3+4-Methylphenols

Concen: 54.055 ng

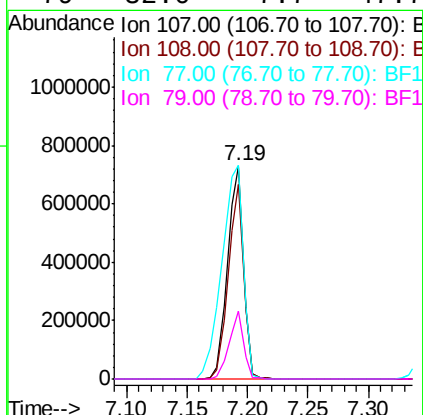
RT: 7.19 min Scan# 868

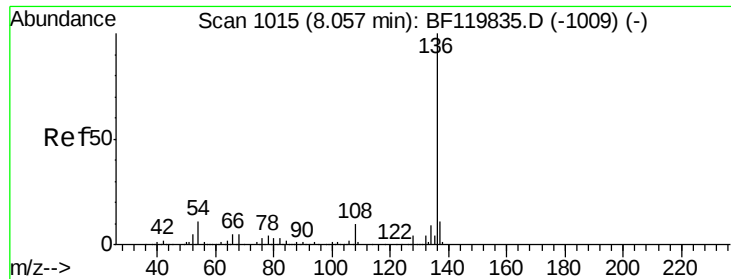
Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	100.3	86.6	126.6
79	32.0	7.7	47.7





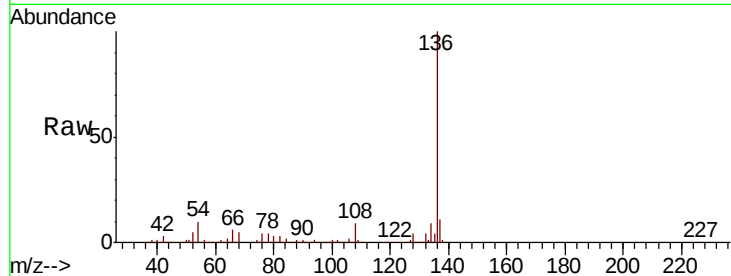
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

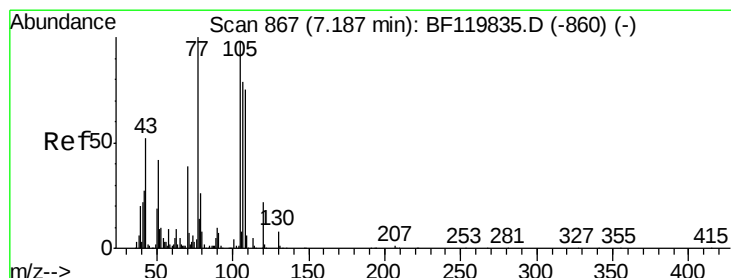
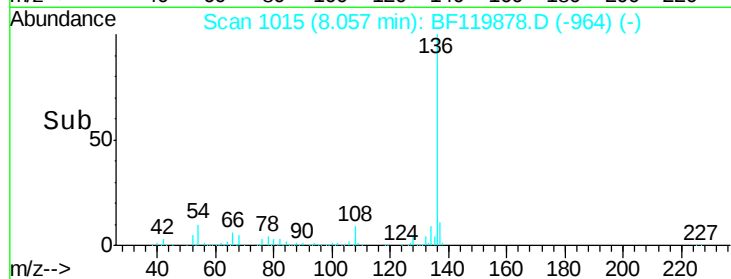
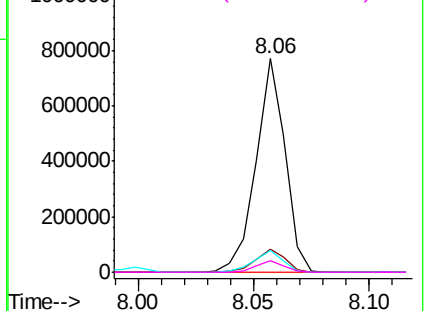
Tot Ion	Ratio	Resp	Lower	Upper
136	100	679591		
137	10.8	8.7	13.1	
54	10.5	8.5	12.7	
68	5.3	3.9	5.9	

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



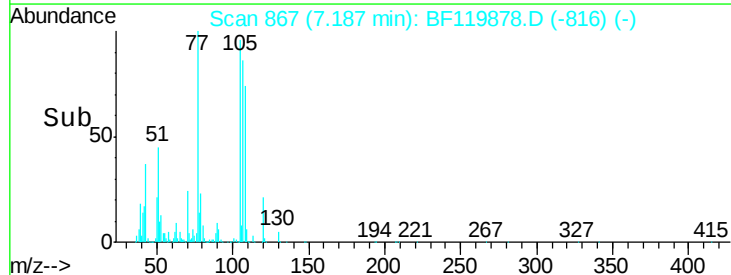
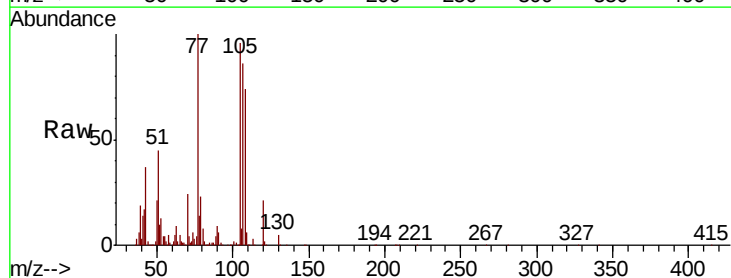
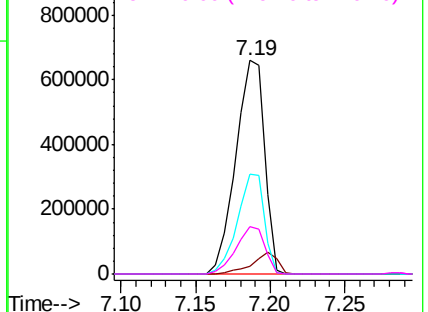
Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

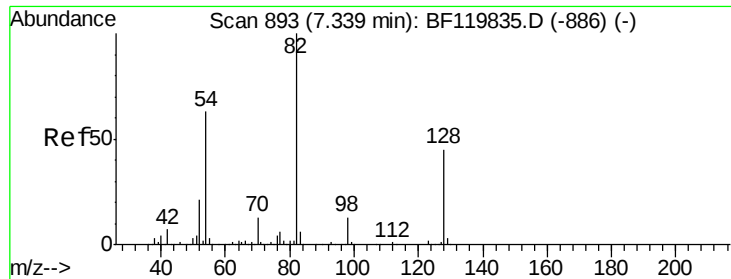


#22
Acetophenone
Concen: 55.962 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	890579		
71	3.9	5.6	8.4#	
51	46.8	33.9	50.9	
120	22.0	17.8	26.8	

Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BF1
800000
Ion 51.00 (50.70 to 51.70): BF1
600000
Ion 120.00 (119.70 to 120.70): E
400000
200000
0





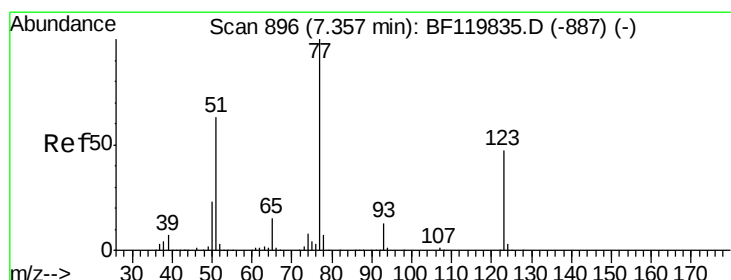
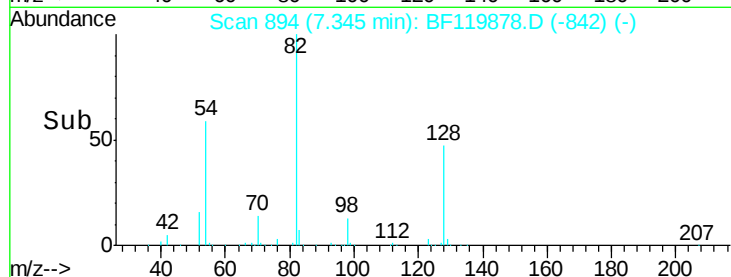
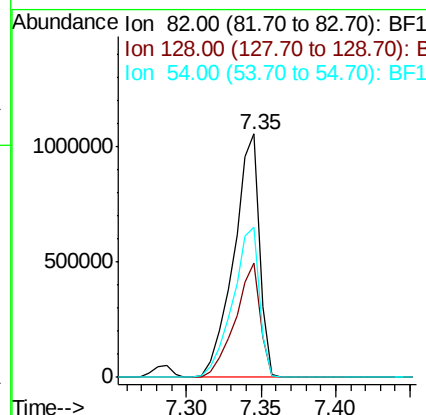
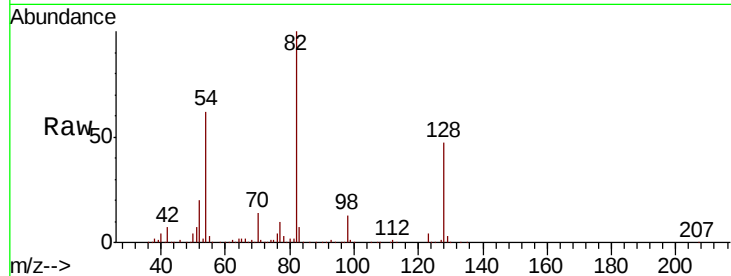
#23
 Nitrobenzene-d5
 Concen: 97.007 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	82	Resp	1274314
Ion Ratio	100	Lower	Upper
128	46.8	36.2	54.4
54	61.6	50.4	75.6

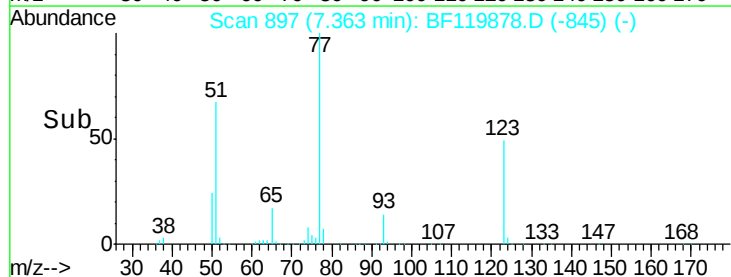
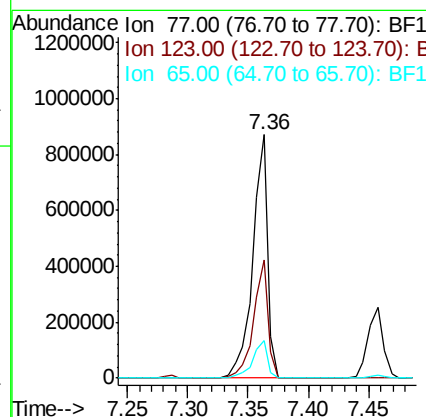
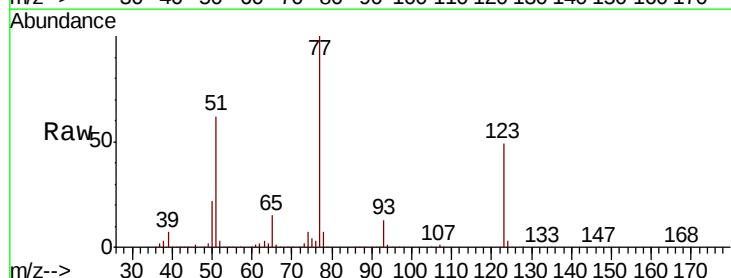
Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:46 AM



#24
 Nitrobenzene
 Concen: 56.705 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	77	Resp	749338
Ion Ratio	100	Lower	Upper
123	48.7	37.8	56.8
65	15.5	12.2	18.2





#25

Isophorone

Concen: 51.811 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

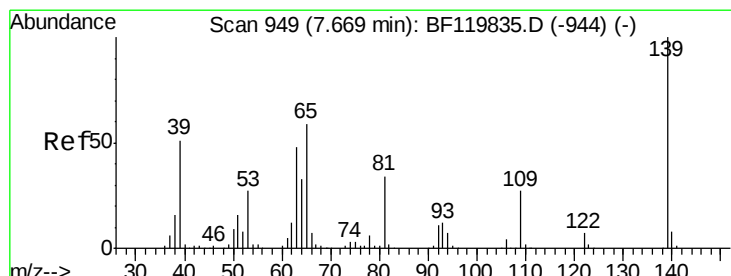
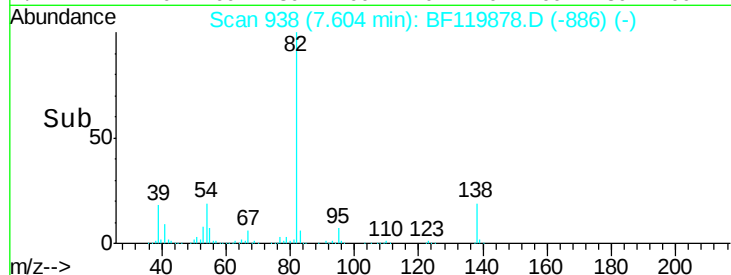
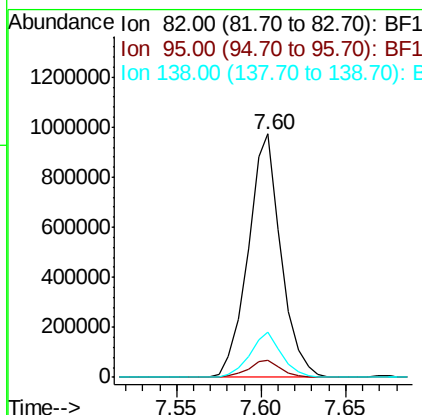
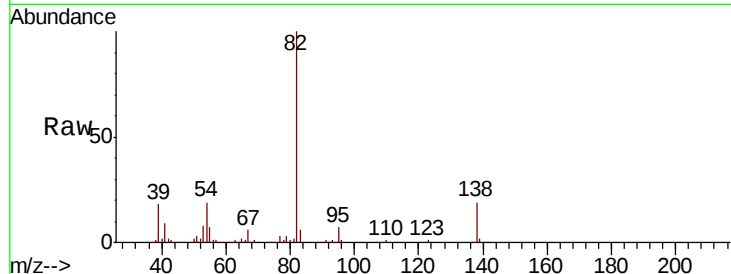
ClientSampleId :

CC-1MSD

Tot Ion:	82	Resp:	1312017
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.5	14.5	21.7

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#26

2-Nitrophenol

Concen: 58.712 ng

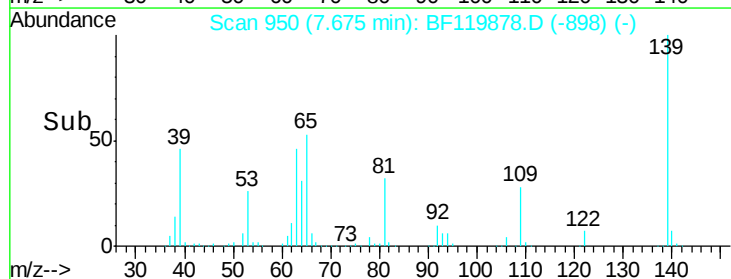
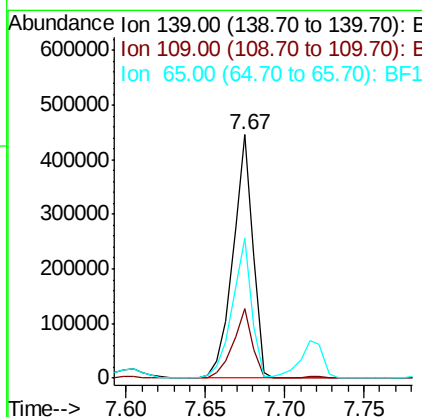
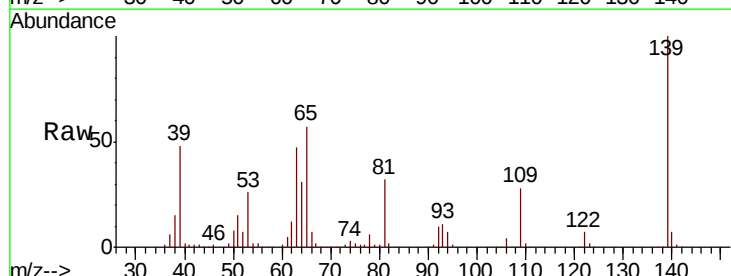
RT: 7.67 min Scan# 950

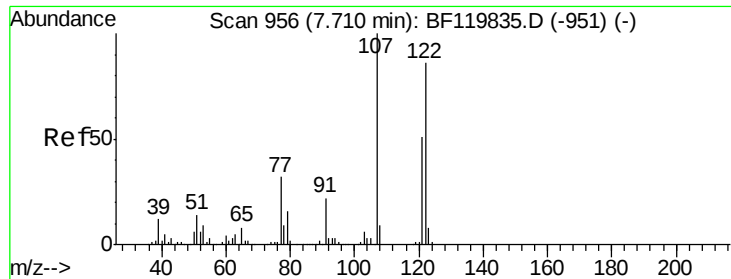
Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:	139	Resp:	387622
Ion	Ratio	Lower	Upper
139	100		
109	28.3	21.8	32.6
65	57.4	47.0	70.4





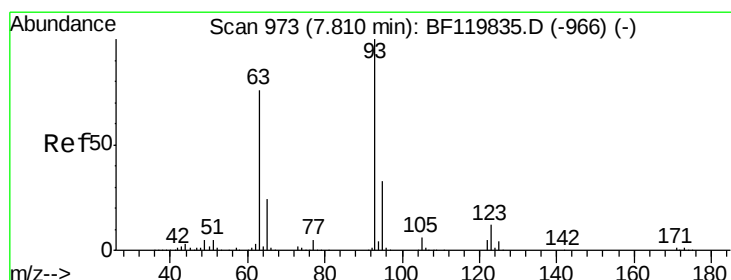
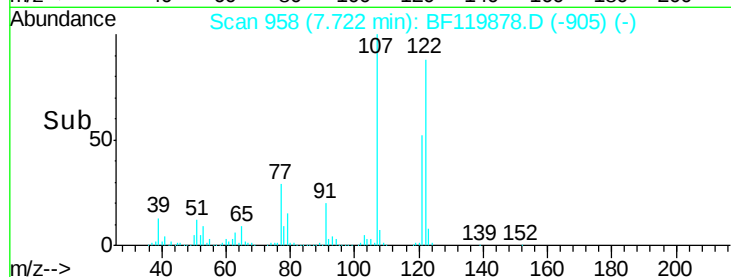
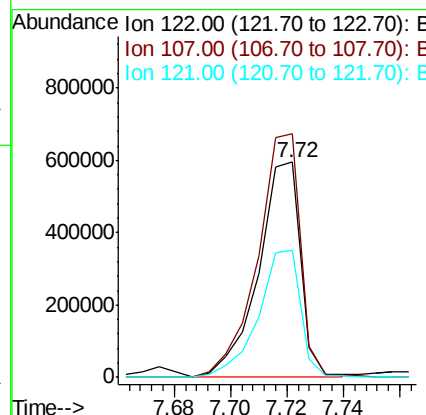
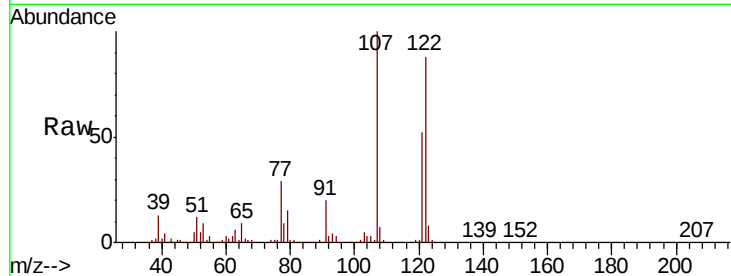
#27
2,4-Dimethylphenol
Concen: 62.228 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	619615		
107	113.2	92.3	138.5	
121	58.8	46.6	70.0	

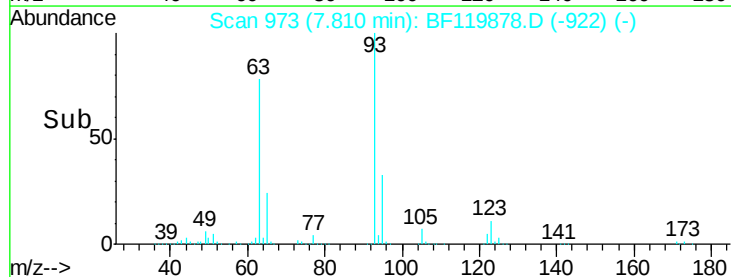
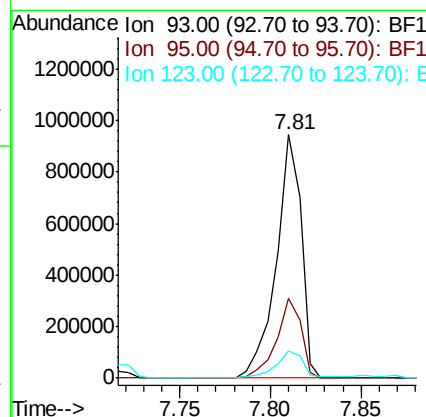
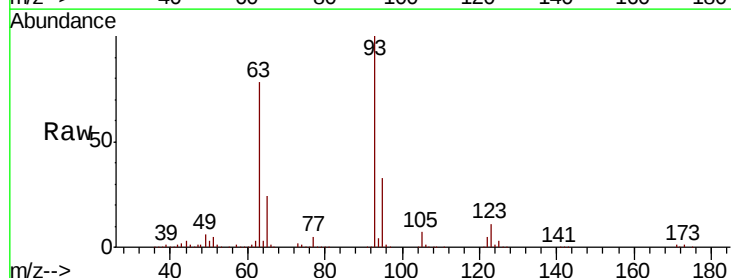
Manual Integrations
APPROVED

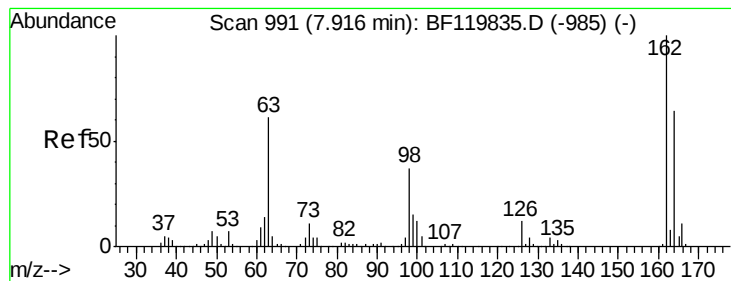
mohammad
4/10/2020 9:57:46 AM



#28
bis(2-Chloroethoxy)methane
Concen: 60.522 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	901845		
95	32.7	26.4	39.6	
123	11.3	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 57.159 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

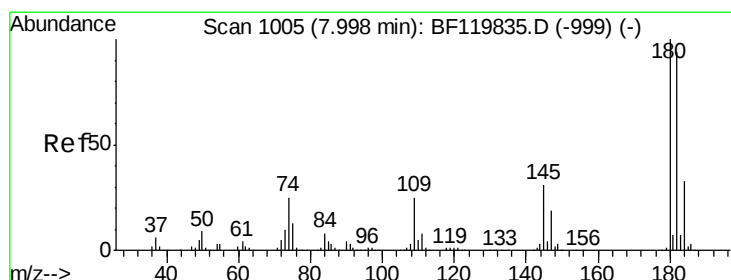
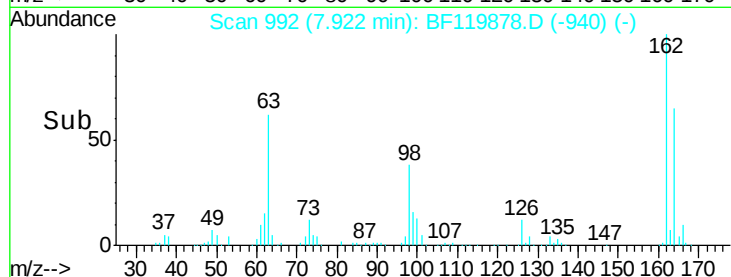
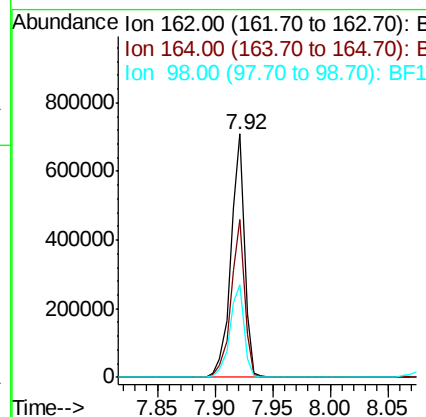
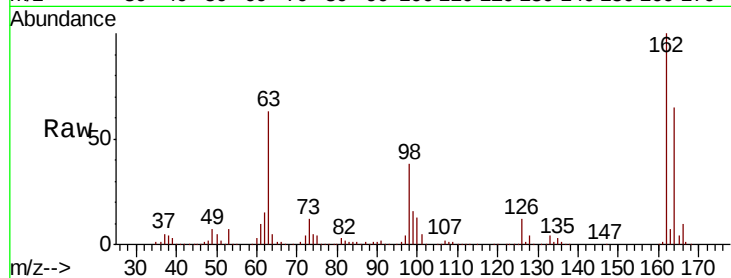
ClientSampleId :

CC-1MSD

Tot Ion:	162	Resp:	583387
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.4	84.4
98	38.2	17.3	57.3

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#30

1,2,4-Trichlorobenzene

Concen: 54.808 ng

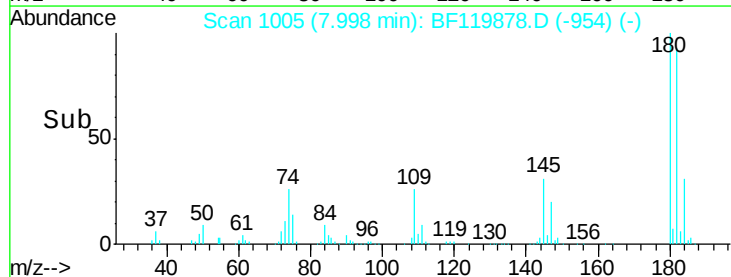
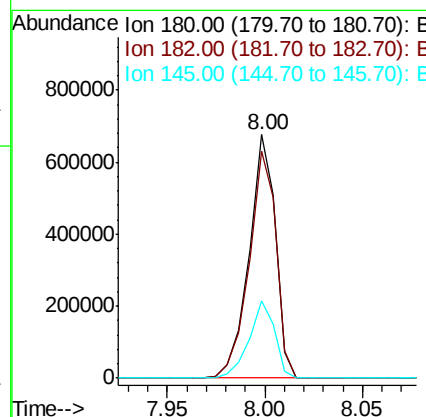
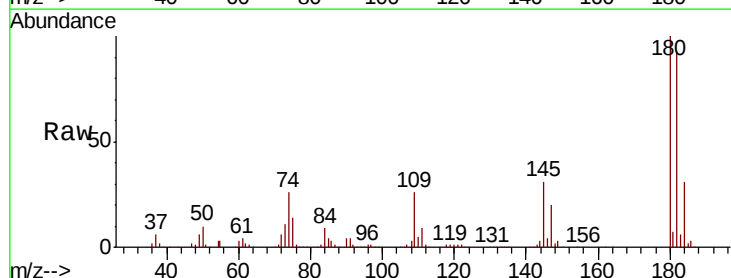
RT: 8.00 min Scan# 1005

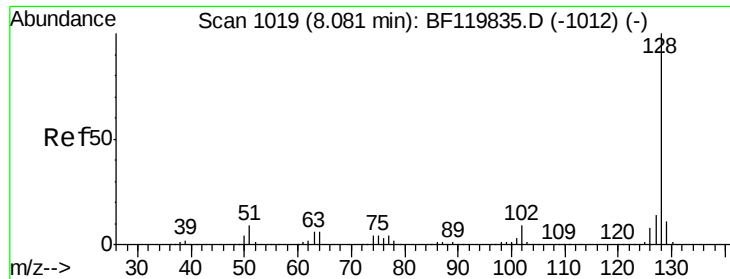
Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:	180	Resp:	633834
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.4	113.0
145	31.5	24.6	37.0





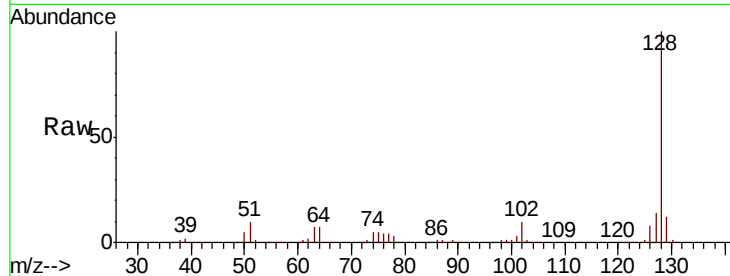
#31
Naphthalene
Concen: 54.652 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

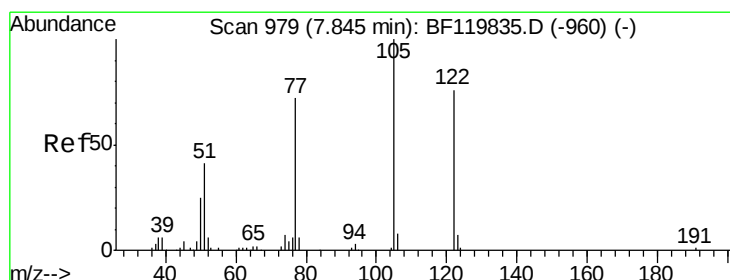
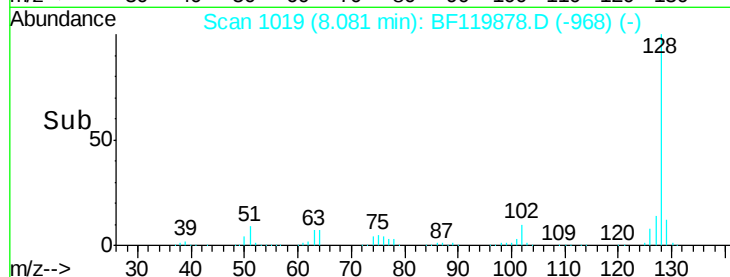
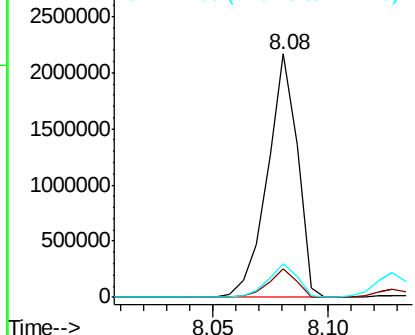
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



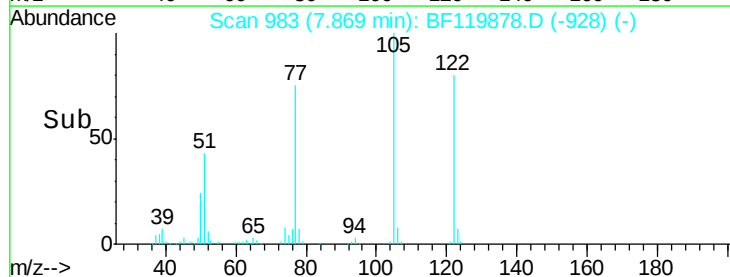
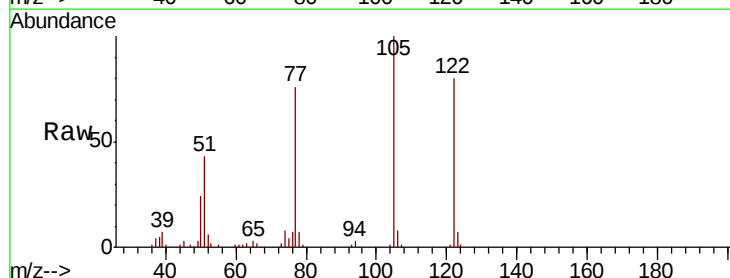
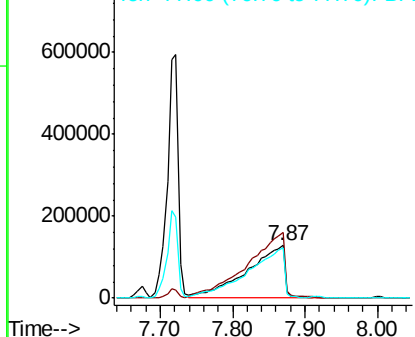
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 53.419 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.02 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	106.7	146.7
77	94.6	72.1	112.1

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





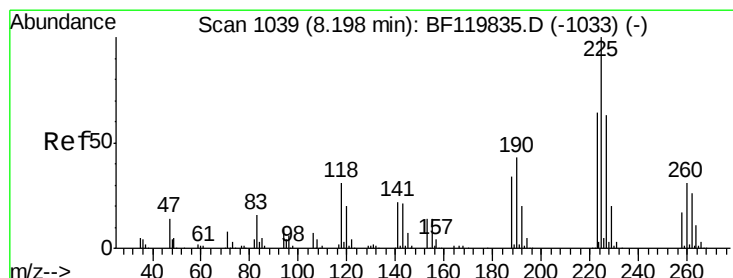
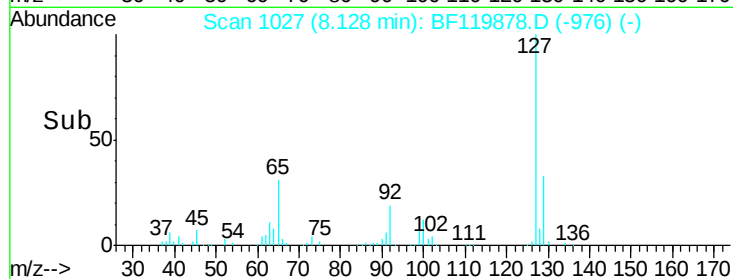
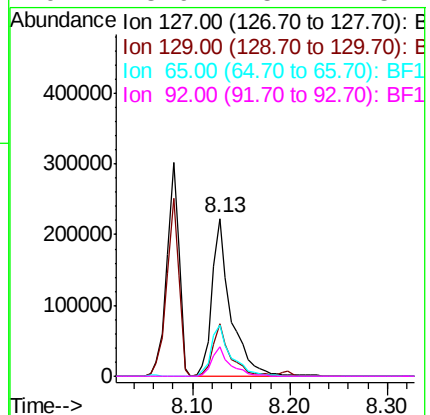
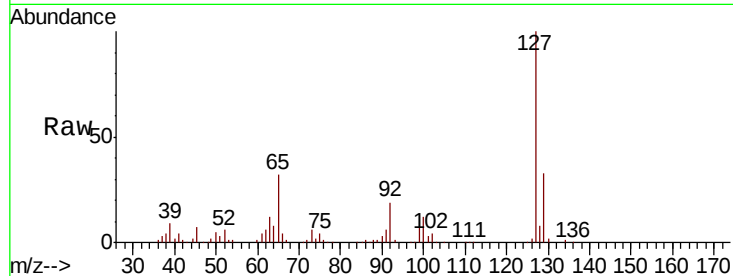
#33
4-Chloroaniline
Concen: 18.784 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
292381	127	100			
	129	33.3	26.2	39.2	
	65	32.3	28.3	42.5	
	92	18.9	15.4	23.2	

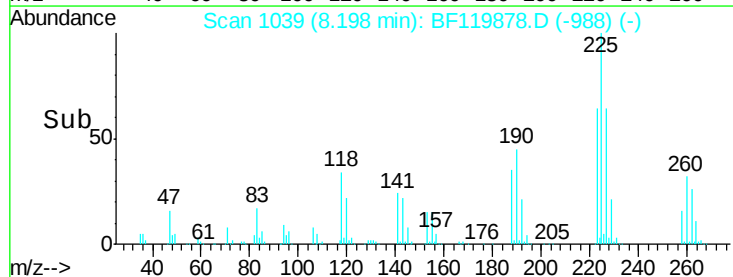
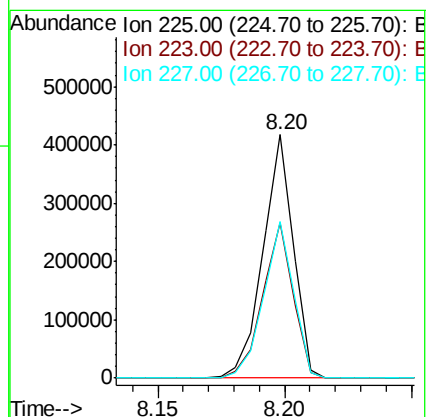
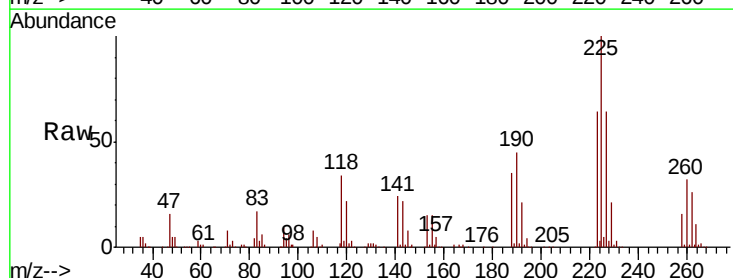
Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#34
Hexachlorobutadiene
Concen: 50.038 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
346394	225	100			
	223	63.7	51.0	76.6	
	227	64.3	50.4	75.6	





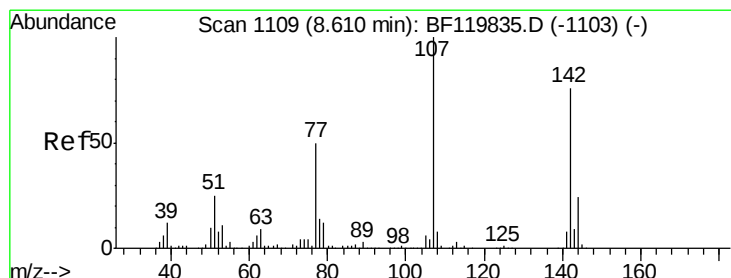
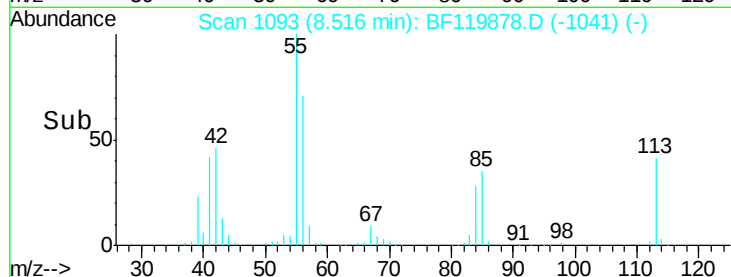
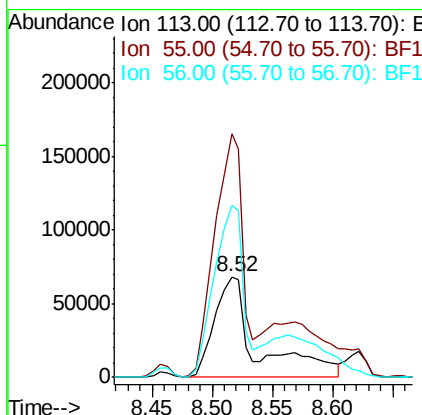
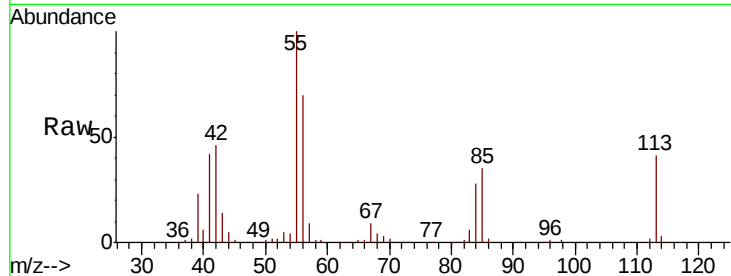
#35
 Caprolactam
 Concen: 53.518 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleID :
 CC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	242.2	192.7	232.7		
56	170.6	133.3	173.3		

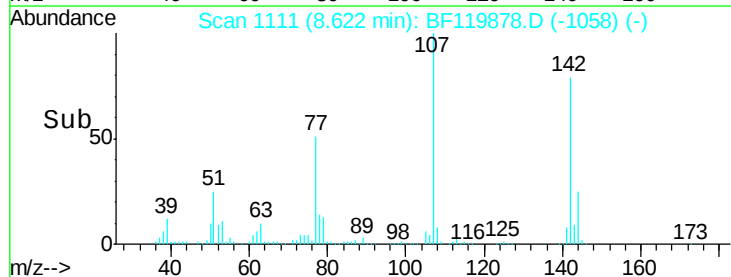
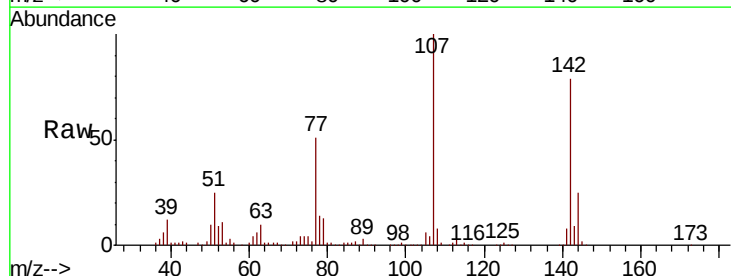
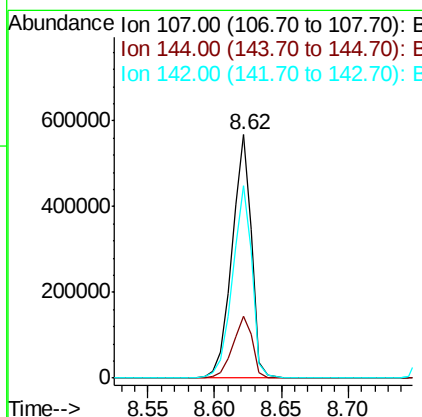
Manual Integrations
 APPROVED

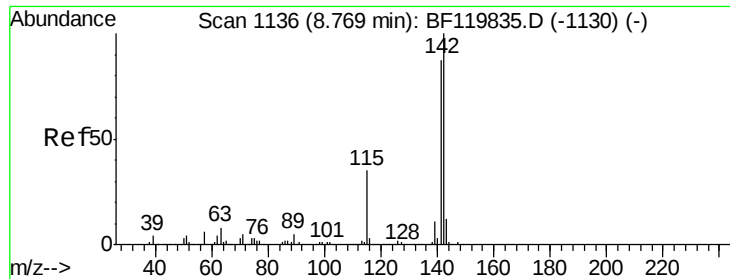
mohammad
 4/10/2020 9:57:46 AM



#36
 4-Chloro-3-methylphenol
 Concen: 52.881 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.2	19.5	29.3		
142	79.0	60.5	90.7		





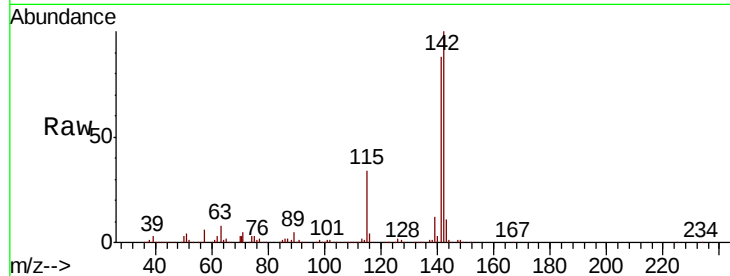
#37
2-Methylnaphthalene
Concen: 52.010 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9
115	34.2	28.0	42.0

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM

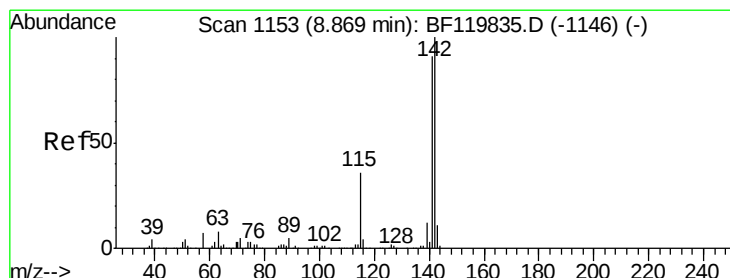
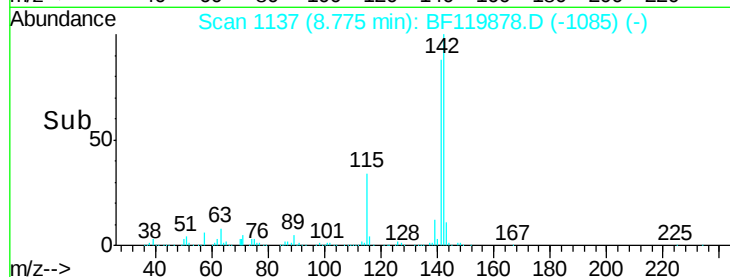
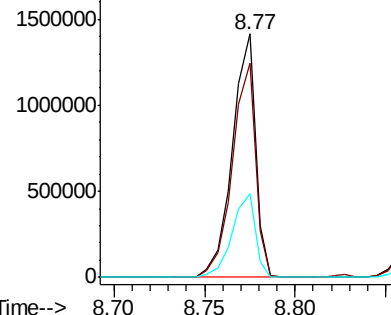


Abundance

Ion 142.00 (141.70 to 142.70): E

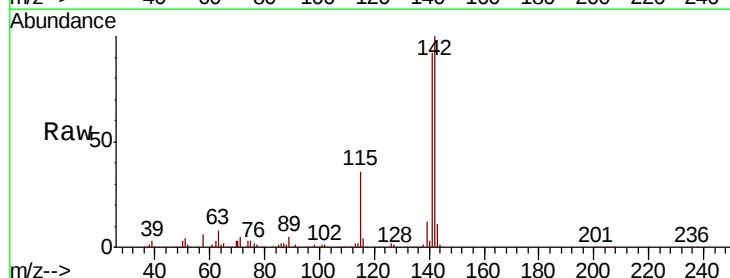
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.266 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.9	109.3
116	3.8	3.0	4.6

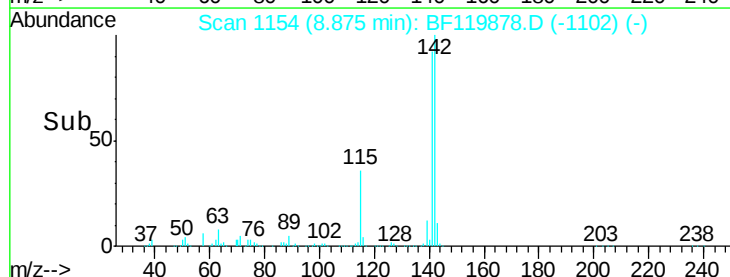
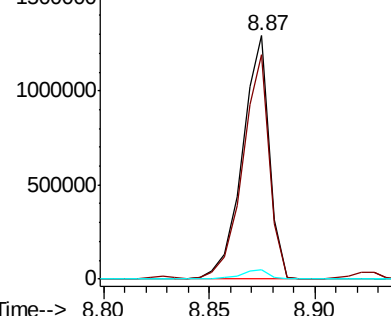


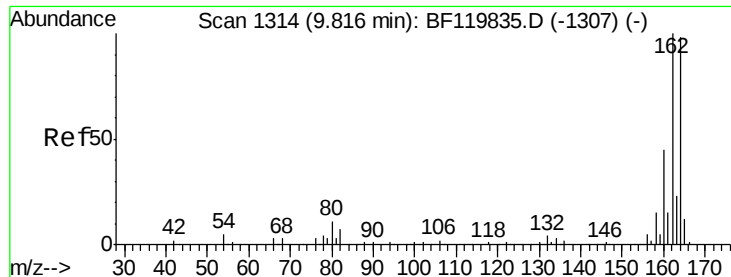
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

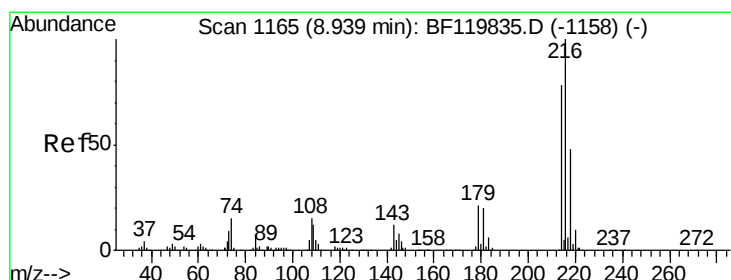
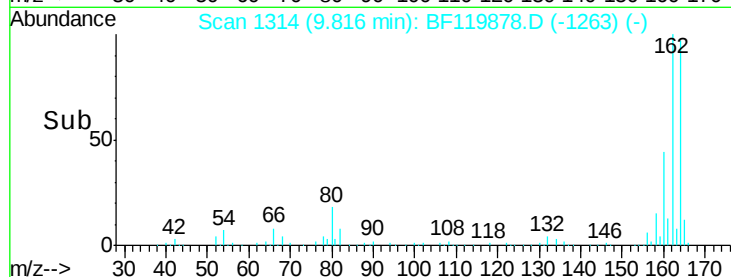
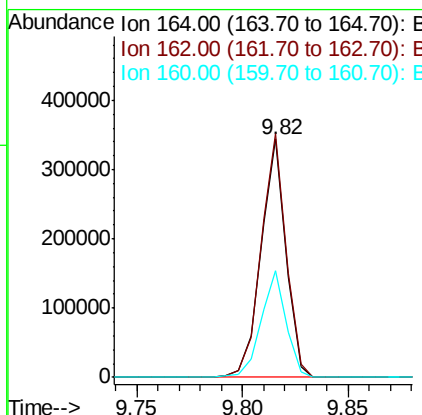
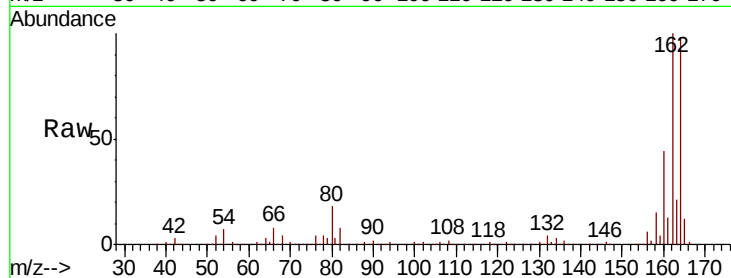
ClientSampleId :

CC-1MSD

Tot Ion:	164	Resp:	282905
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.9	122.9
160	45.0	36.6	54.8

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.251 ng

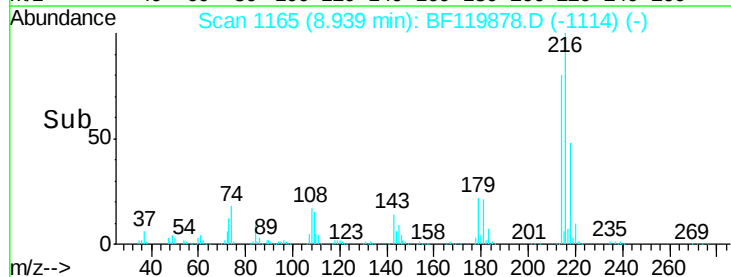
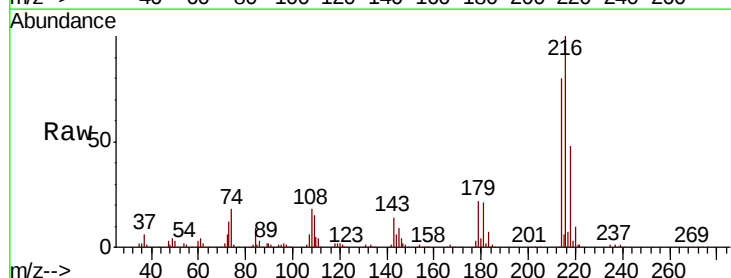
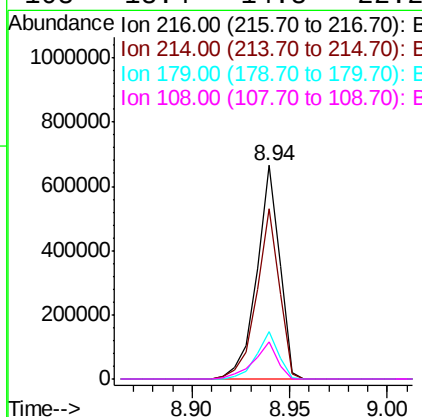
RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:	216	Resp:	538368
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.1	94.7
179	21.4	17.0	25.4
108	18.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 59.321 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

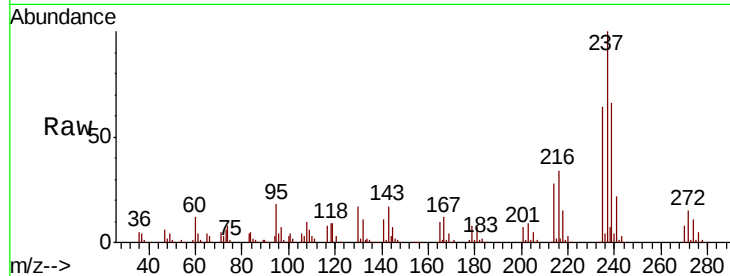
ClientSampleId :

CC-1MSD

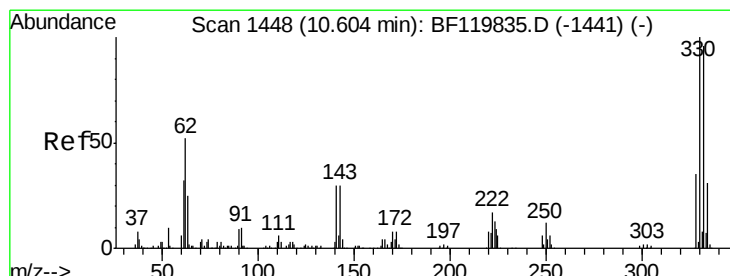
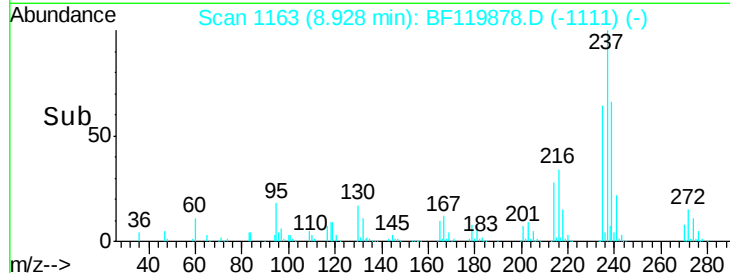
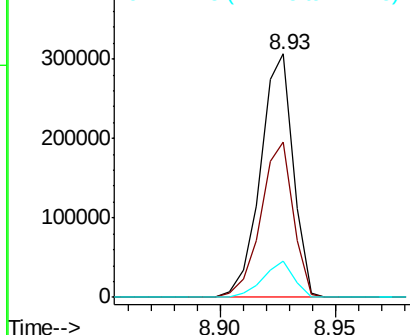
Tot Ion:	237	Resp:	301407
Ion Ratio		Lower	Upper
237	100		
235	63.7	44.9	84.9
272	15.1	0.0	33.6

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



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: 153.690 ng

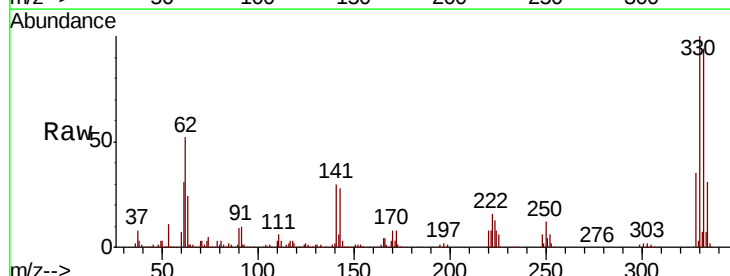
RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

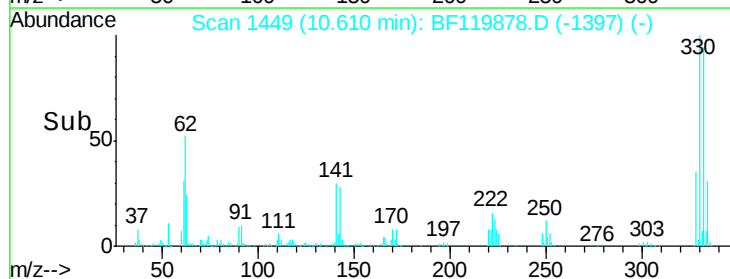
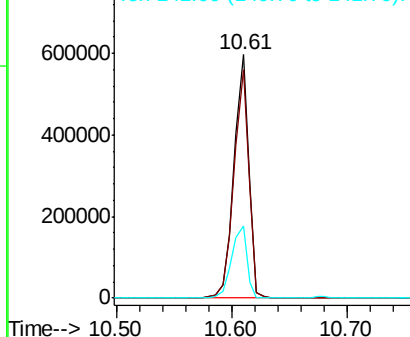
Lab File: BF119878.D

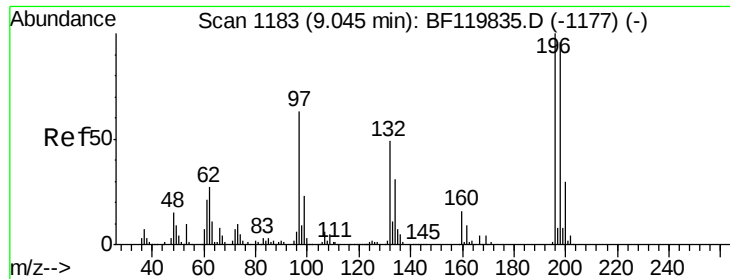
Acq: 9 Apr 2020 19:12

Tgt Ion:	330	Resp:	532339
Ion Ratio		Lower	Upper
330	100		
332	94.9	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





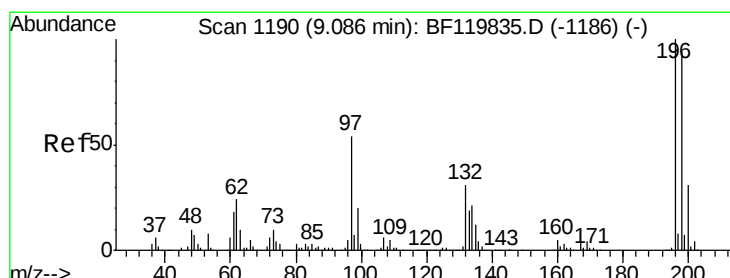
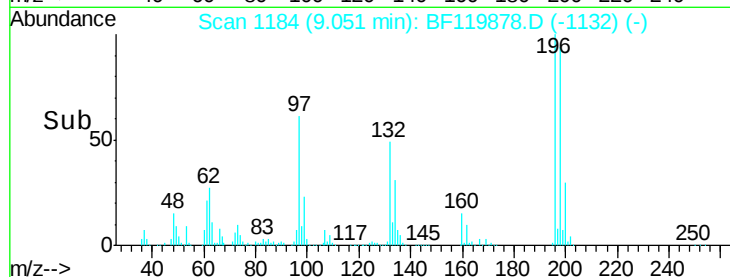
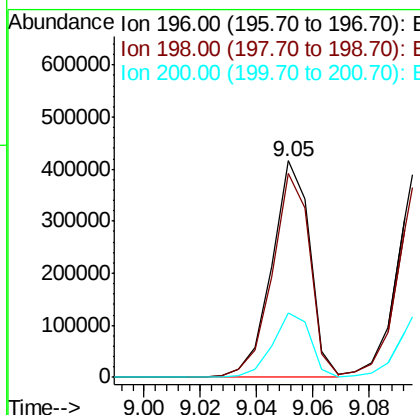
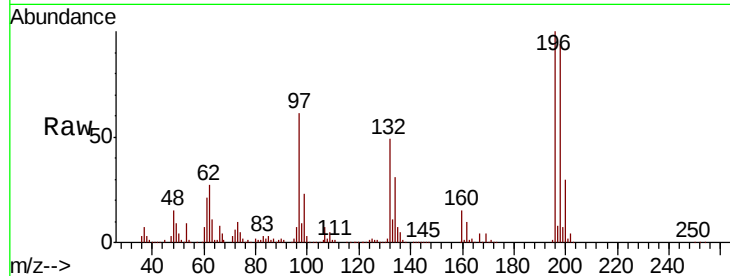
#43
 2,4,6-Trichlorophenol
 Concen: 62.891 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	388053		
198	94.3	76.6	115.0	
200	30.0	24.2	36.2	

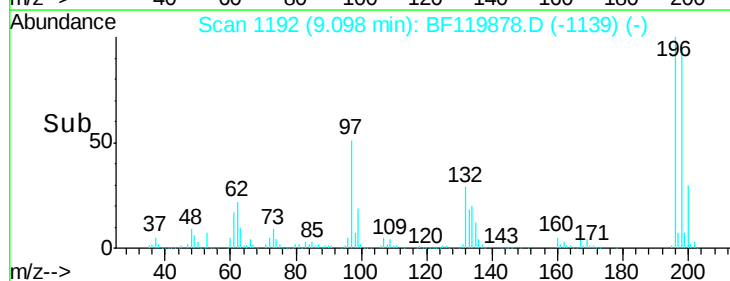
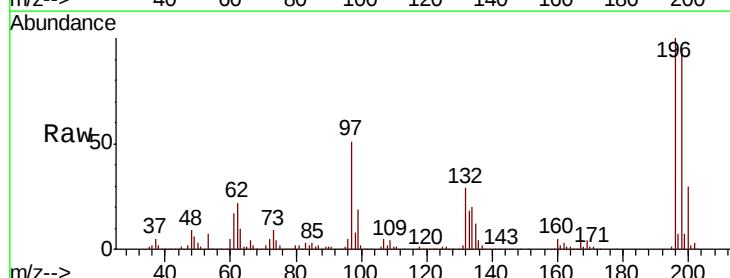
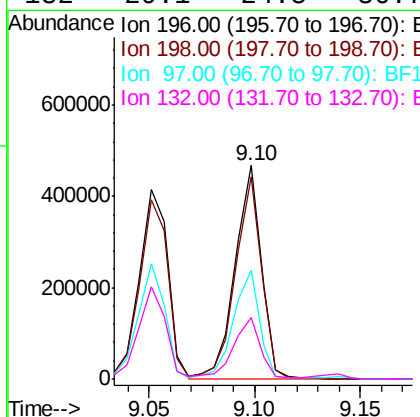
Manual Integrations
 APPROVED

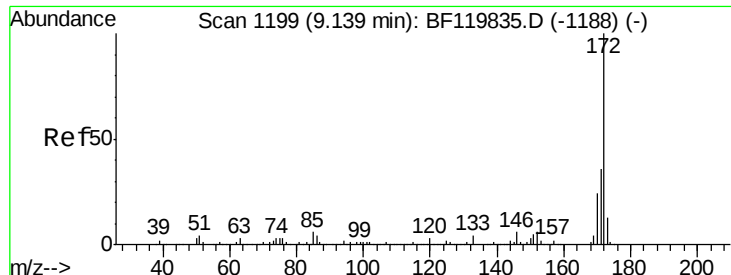
mohammad
 4/10/2020 9:57:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 57.457 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	399297		
198	94.6	75.1	112.7	
97	50.9	43.4	65.2	
132	29.1	24.5	36.7	





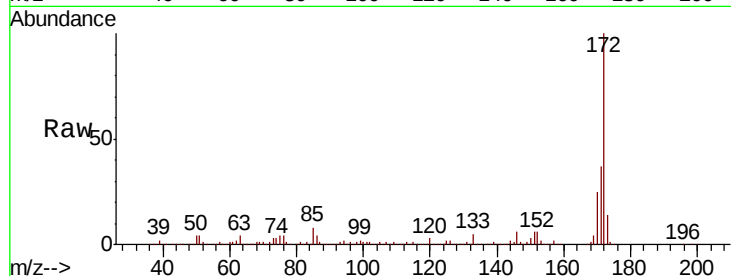
#45
2-Fluorobiphenyl
Concen: 114.998 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.2	28.9	43.3	
170	24.8	19.4	29.2	

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM

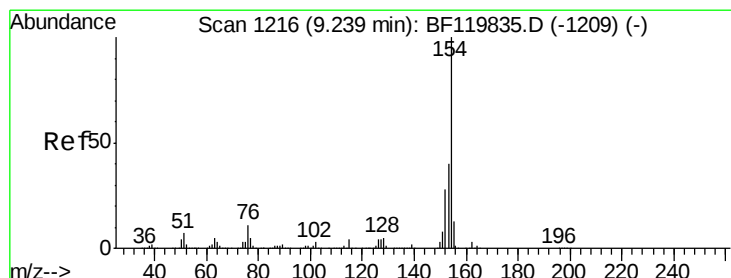
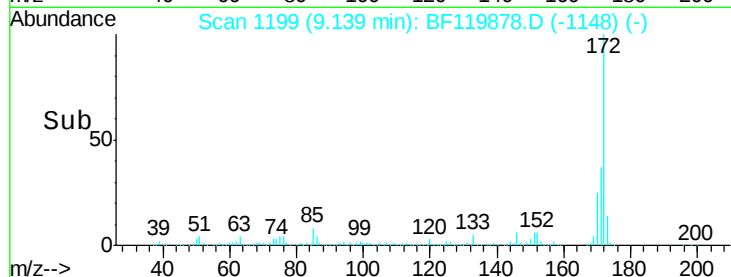
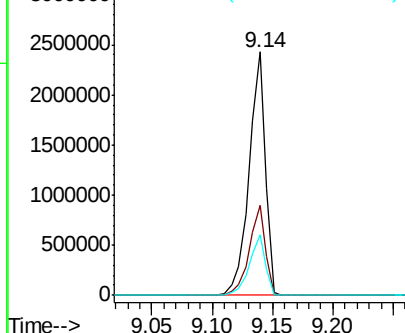


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 59.661 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

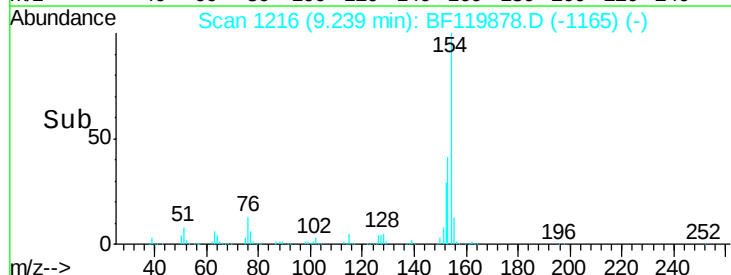
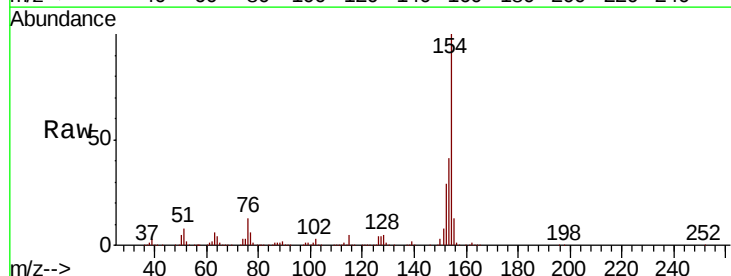
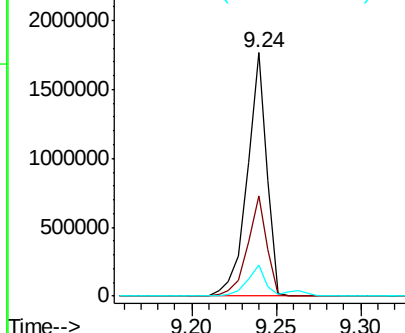
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.0	20.5	60.5	
76	12.9	0.0	30.6	

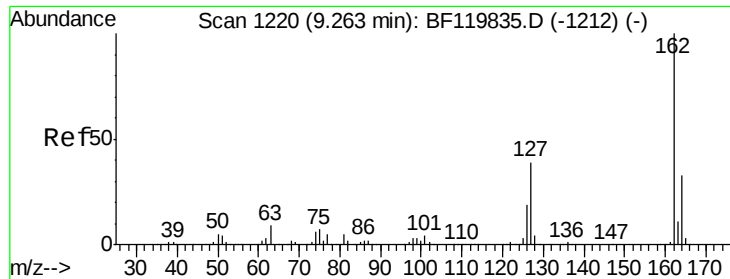
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





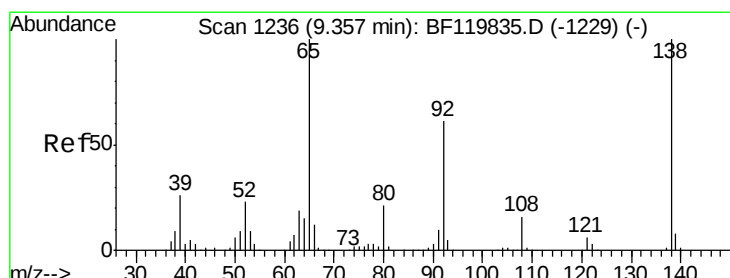
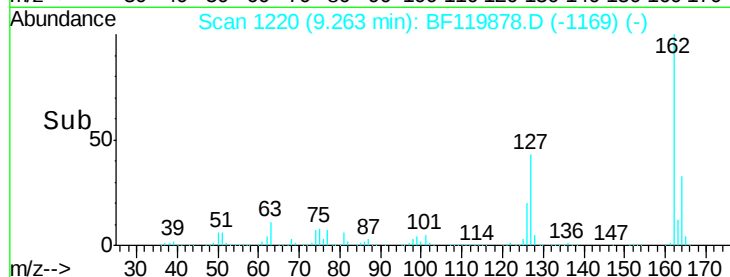
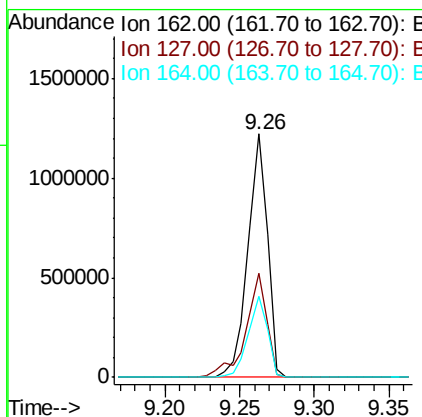
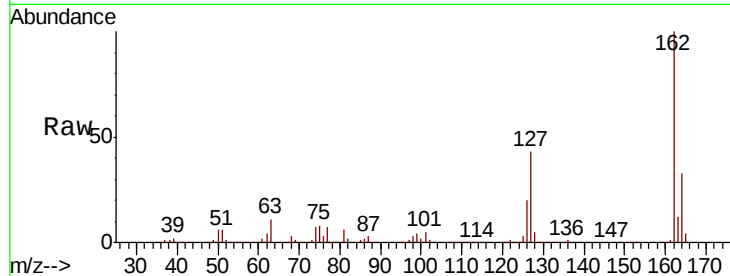
#47
 2-Chloronaphthalene
 Concen: 59.987 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	42.7	31.2	46.8	
164	33.2	26.3	39.5	

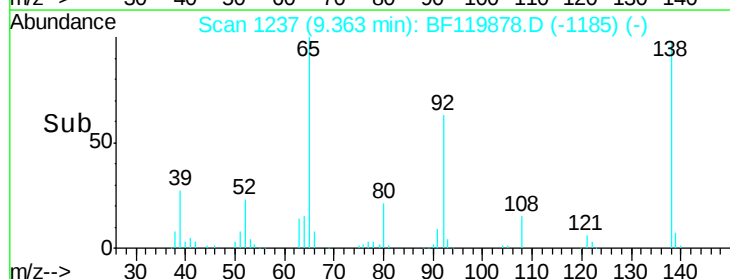
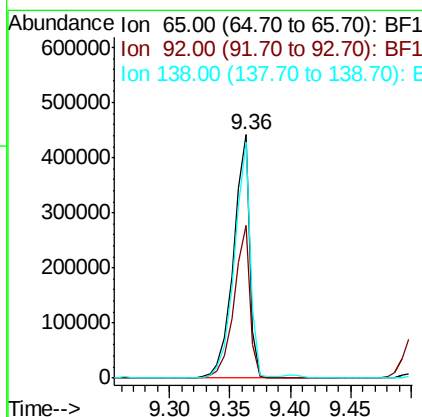
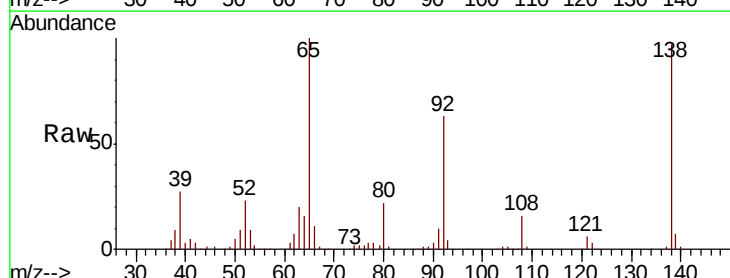
Manual Integrations
 APPROVED

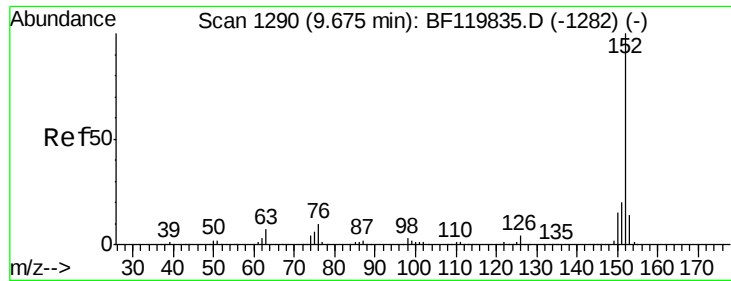
mohammad
 4/10/2020 9:57:46 AM



#48
 2-Nitroaniline
 Concen: 62.164 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	62.7	49.0	73.6	
138	96.9	79.7	119.5	





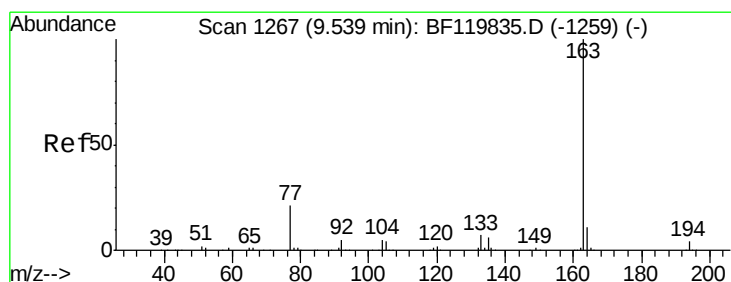
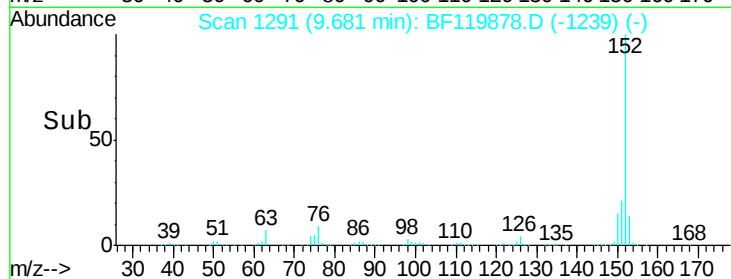
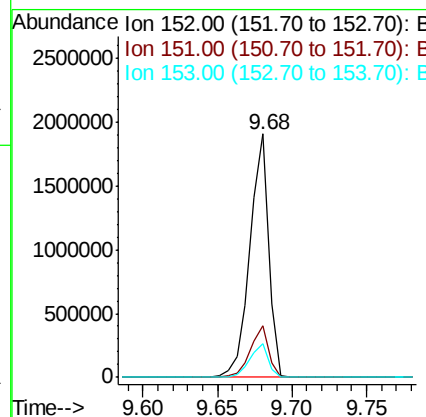
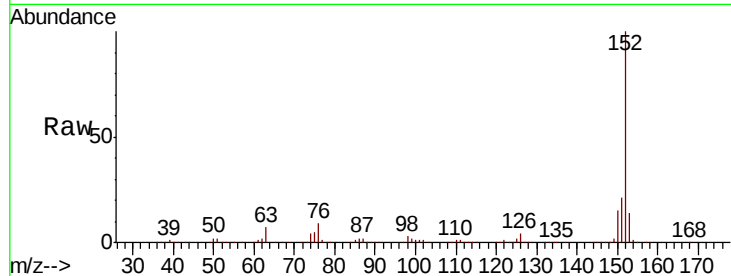
#49
Acenaphthylene
Concen: 59.390 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.0	16.2	24.4	
153	13.8	10.9	16.3	

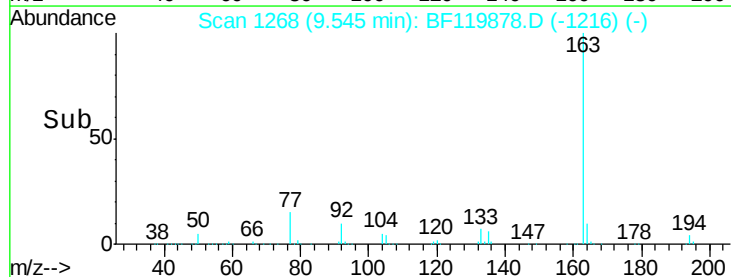
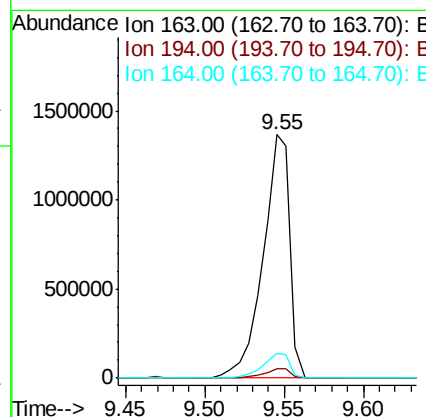
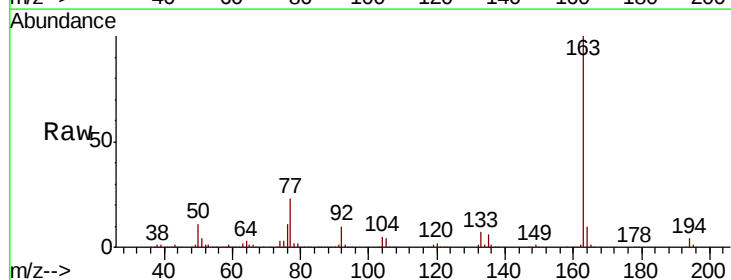
Manual Integrations
APPROVED

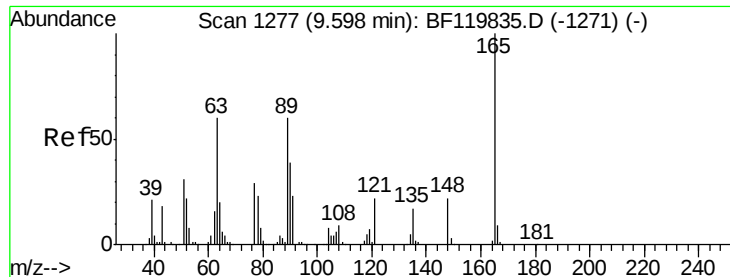
mohammad
4/10/2020 9:57:46 AM



#50
Dimethylphthalate
Concen: 73.322 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.8	3.0	4.4	
164	10.1	8.4	12.6	





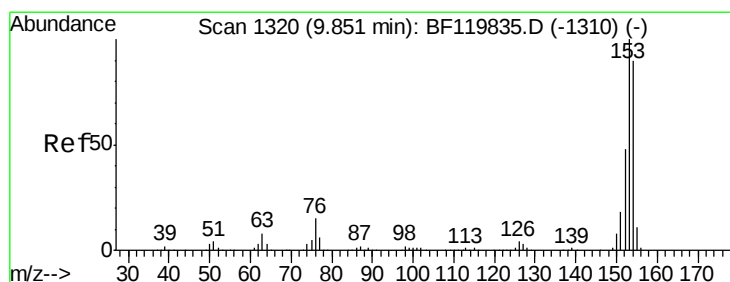
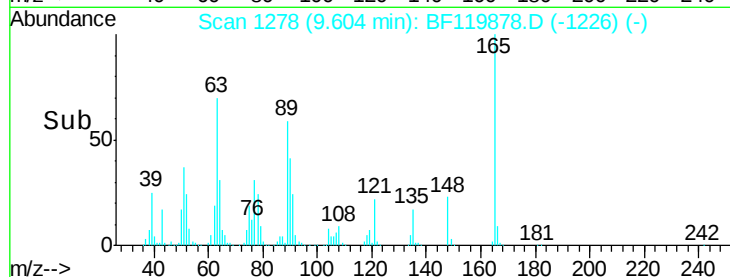
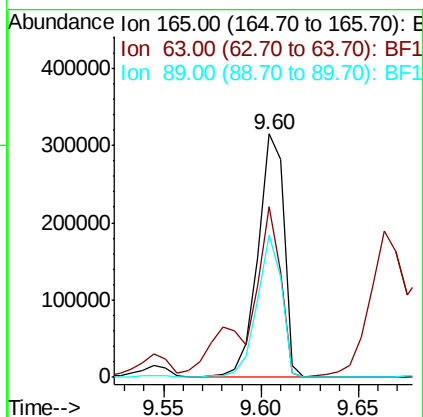
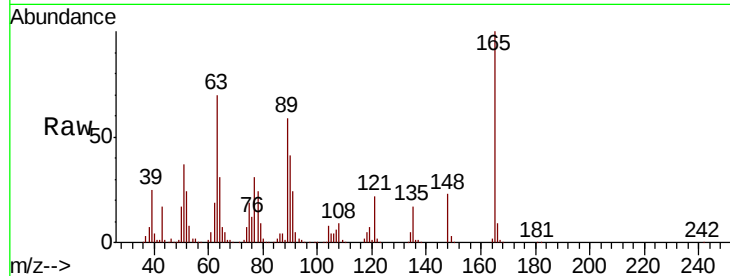
#51
2,6-Dinitrotoluene
Concen: 61.122 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	292888		
63	70.1	55.6	83.4	
89	58.7	47.9	71.9	

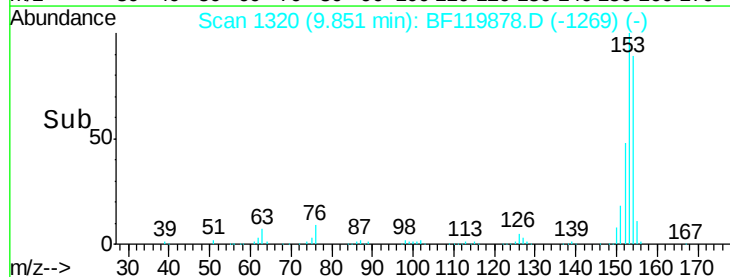
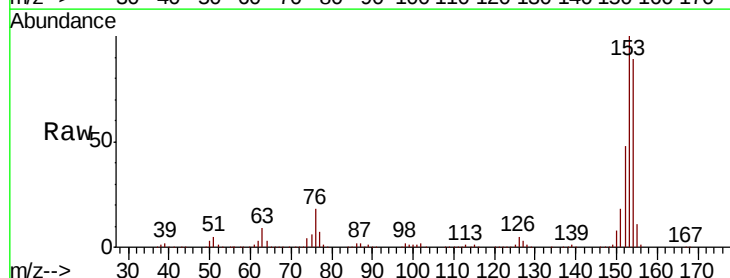
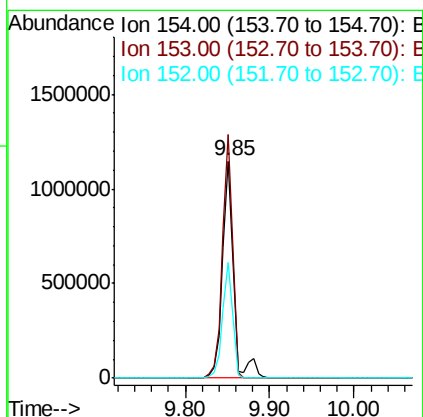
Manual Integrations
APPROVED

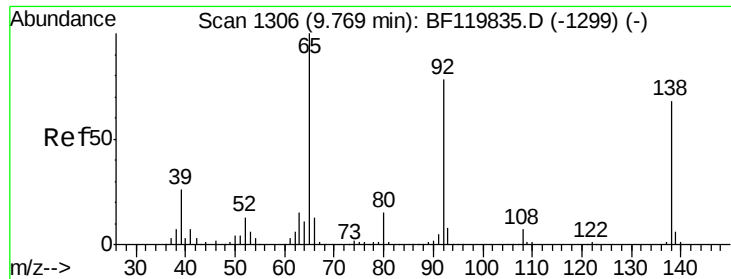
mohammad
4/10/2020 9:57:46 AM



#52
Acenaphthene
Concen: 57.307 ng m
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1069428		
153	112.1	88.8	133.2	
152	53.4	42.4	63.6	





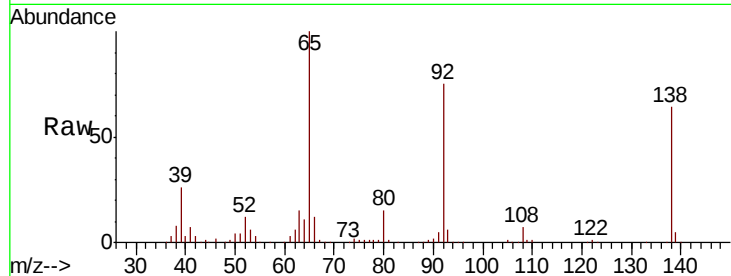
#53
 3-Nitroaniline
 Concen: 32.212 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.0	12.0
92	117.9	92.1	138.1

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:46 AM

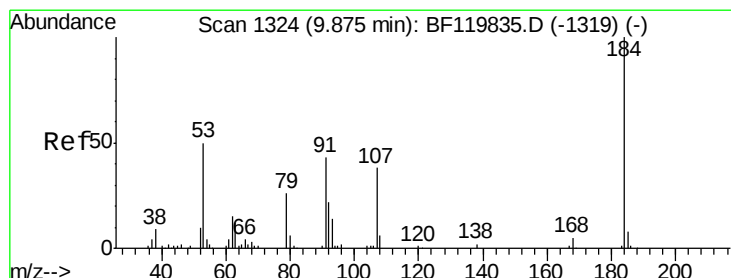
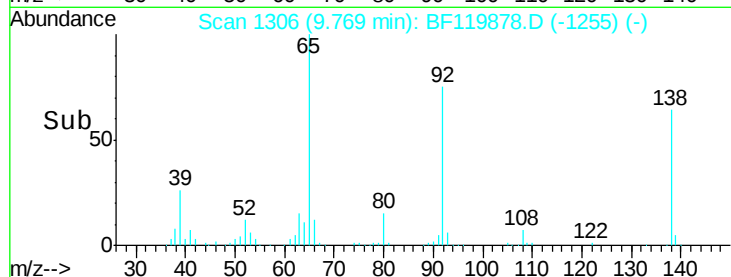
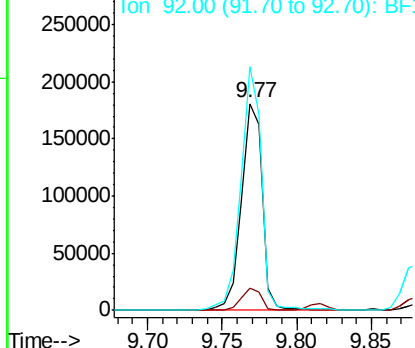


Abundance

Ion 138.00 (137.70 to 138.70): E

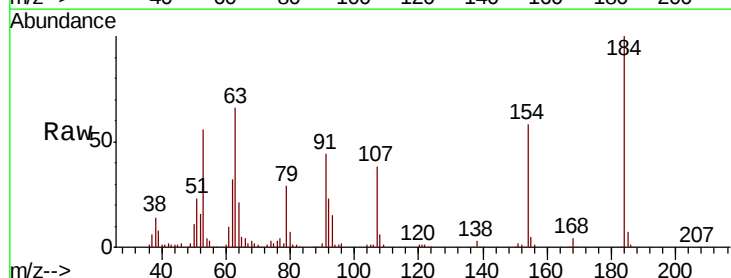
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 54.828 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.9	49.8	74.6
154	58.3	46.5	69.7

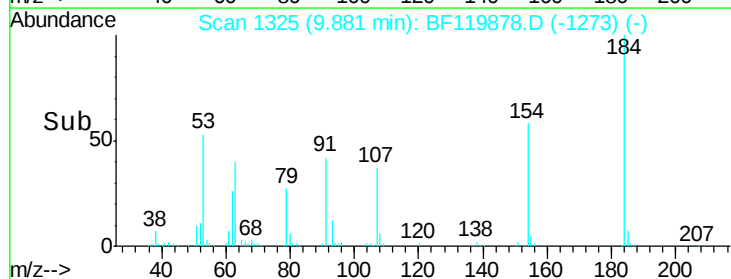
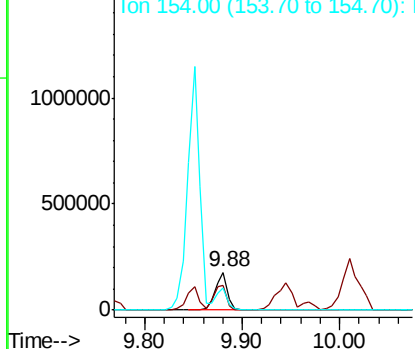


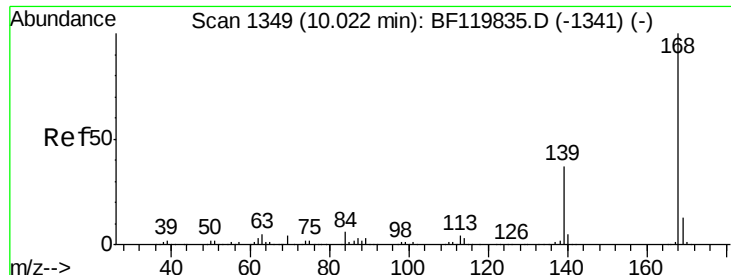
Abundance

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





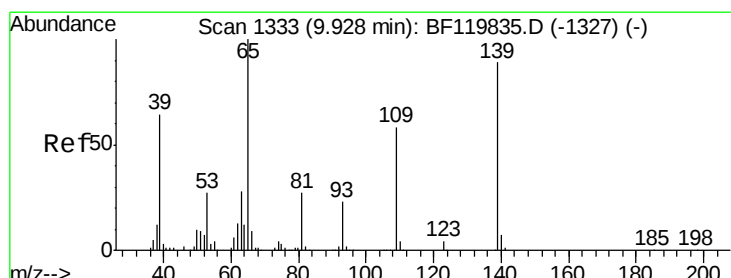
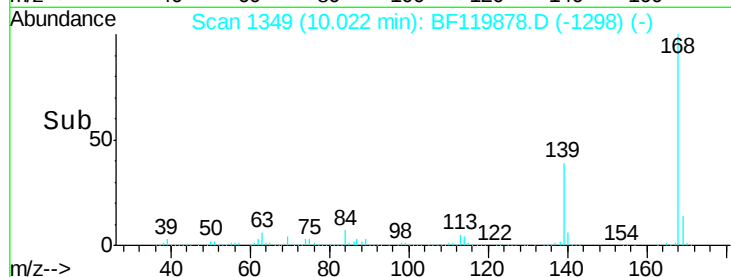
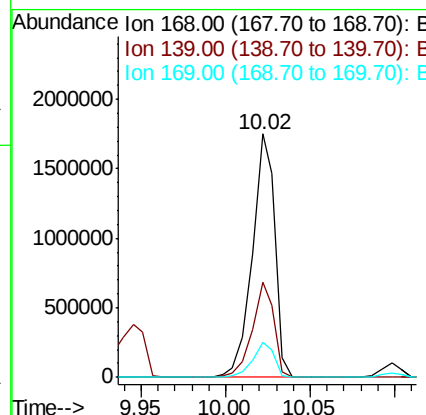
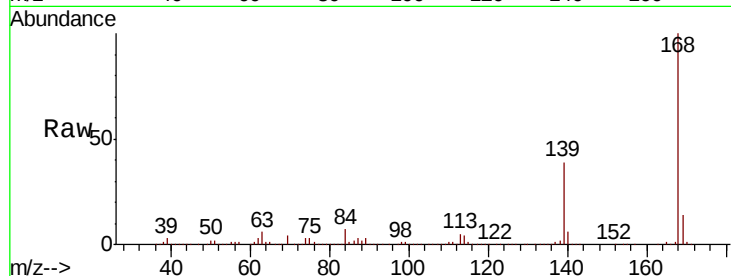
#55
Dibenzofuran
Concen: 63.776 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	29.8	44.6
169	14.2	10.6	15.8

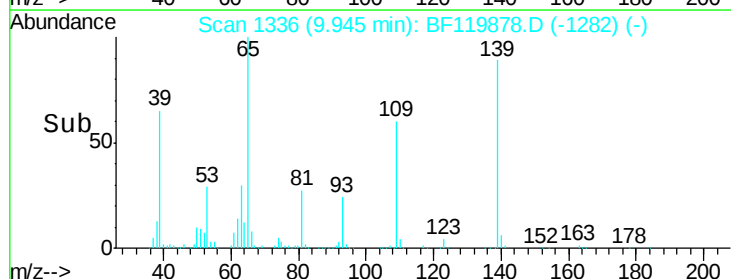
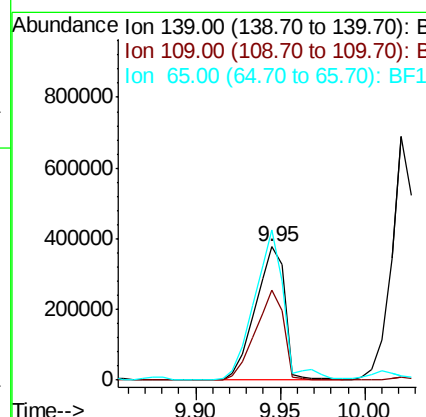
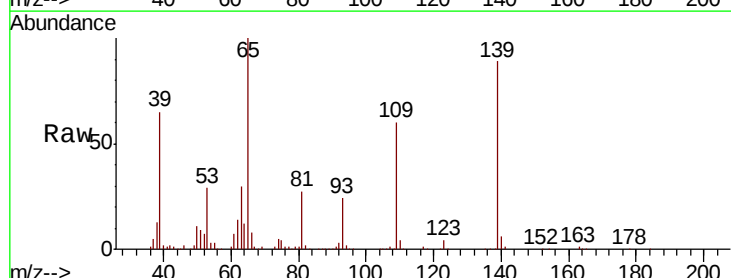
Manual Integrations
APPROVED

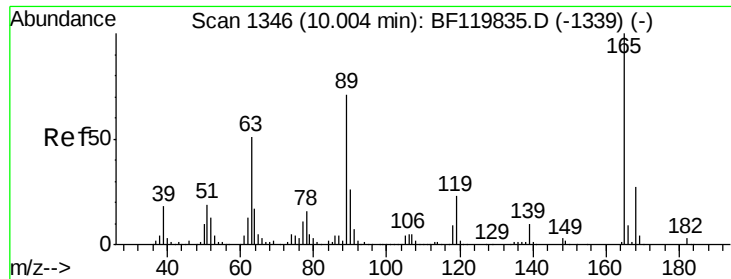
mohammad
4/10/2020 9:57:46 AM



#56
4-Nitrophenol
Concen: 112.550 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	45.5	85.5
65	112.3	92.3	132.3





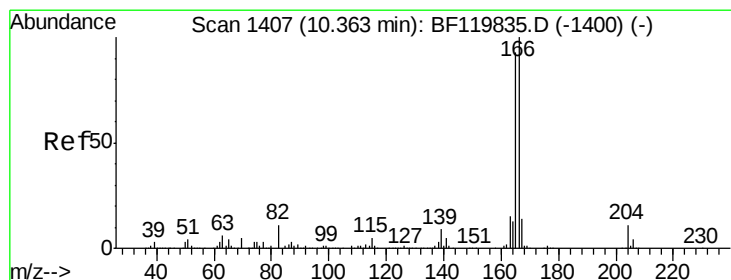
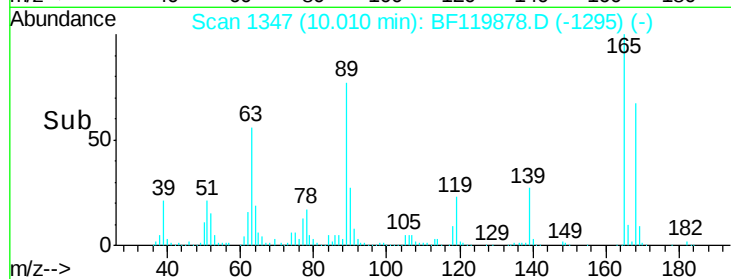
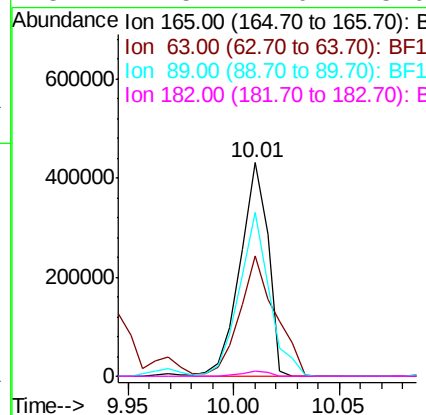
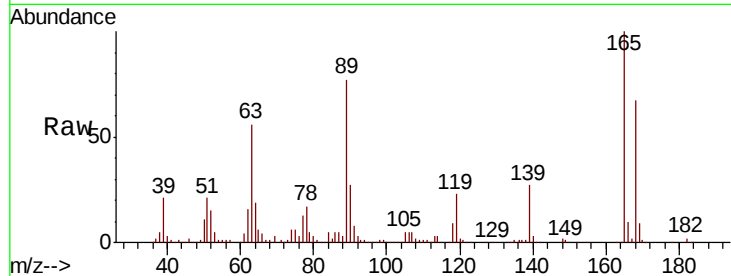
#57
2,4-Dinitrotoluene
Concen: 62.558 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	394949		
63	56.1	40.8	61.2	
89	76.9	56.9	85.3	
182	2.5	2.0	3.0	

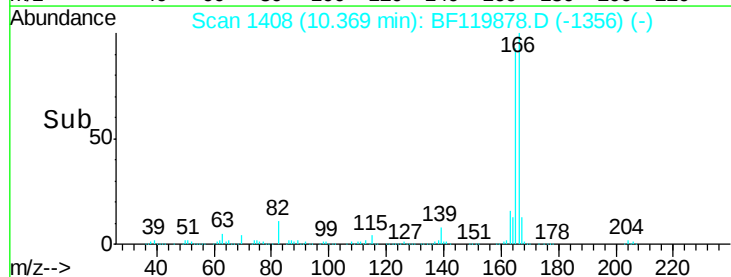
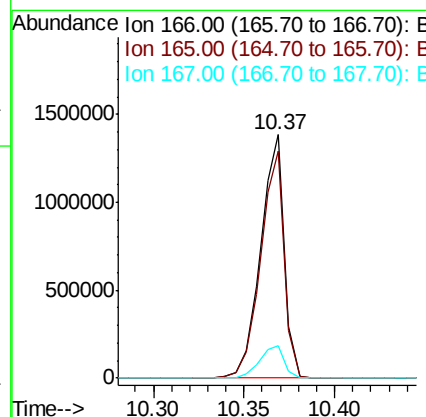
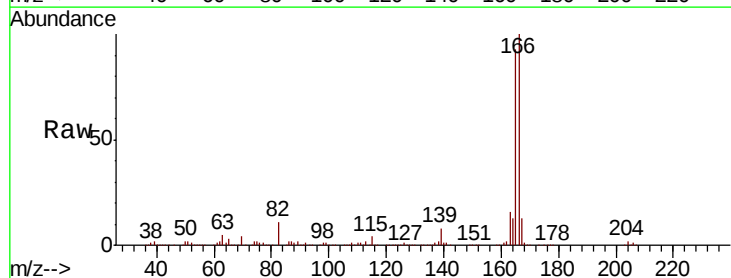
Manual Integrations
APPROVED

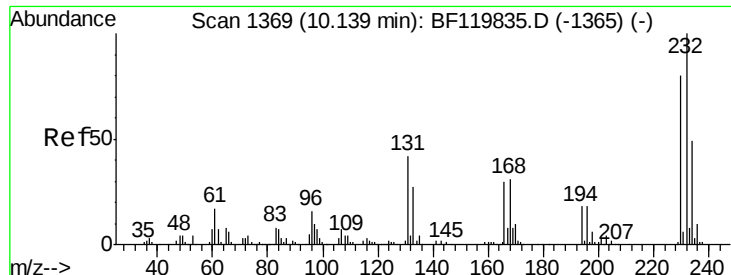
mohammad
4/10/2020 9:57:46 AM



#58
Fluorene
Concen: 60.967 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1248606		
165	93.3	74.2	111.2	
167	13.3	10.8	16.2	





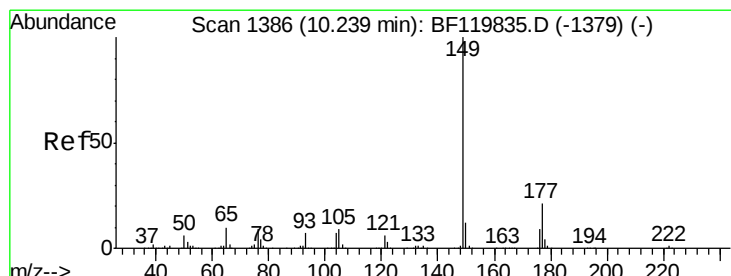
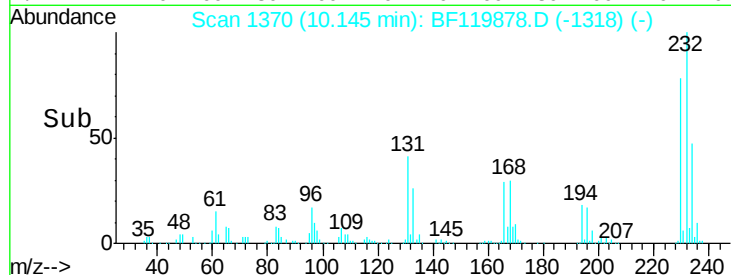
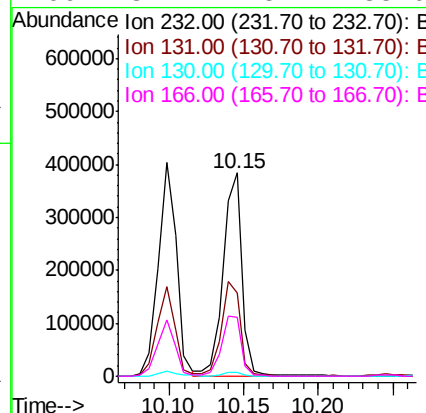
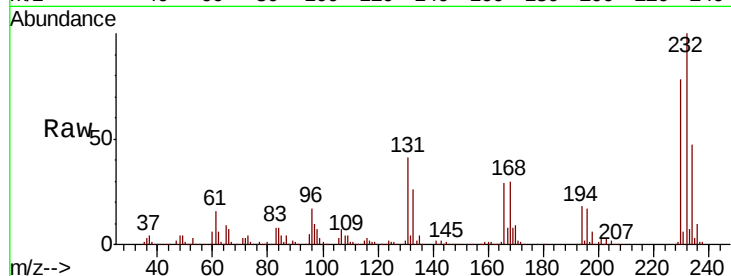
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.342 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		341988		
131	46.2	37.9	56.9		
130	2.2	1.8	2.6		
166	31.2	25.4	38.0		

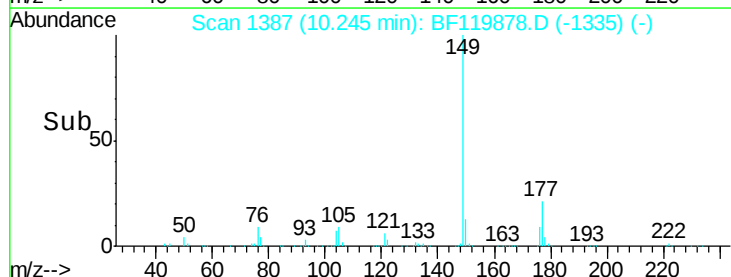
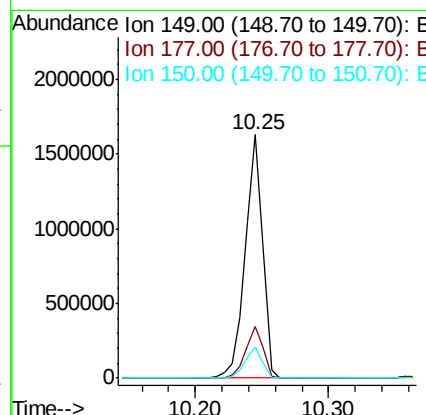
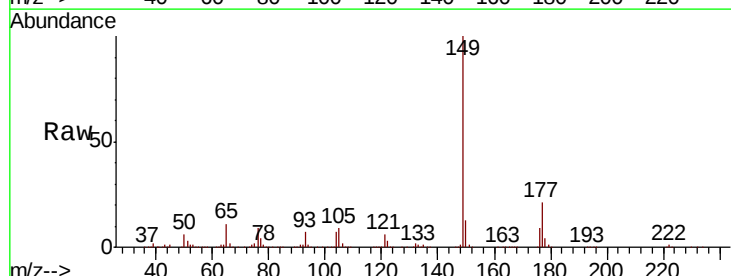
Manual Integrations
 APPROVED

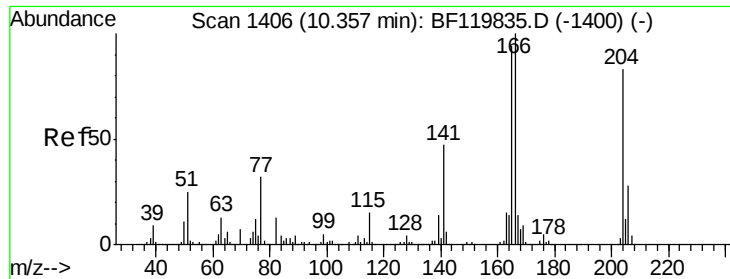
mohammad
 4/10/2020 9:57:46 AM



#60
 Diethylphthalate
 Concen: 64.995 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1474061		
177	21.1	16.8	25.2		
150	12.8	9.8	14.6		





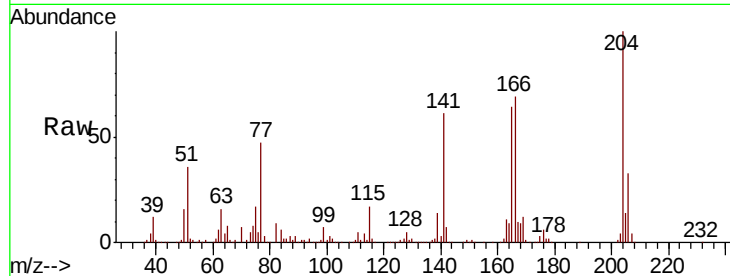
#61
 4-Chlorophenyl-phenylether
 Concen: 58.230 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampled :
 CC-1MSD

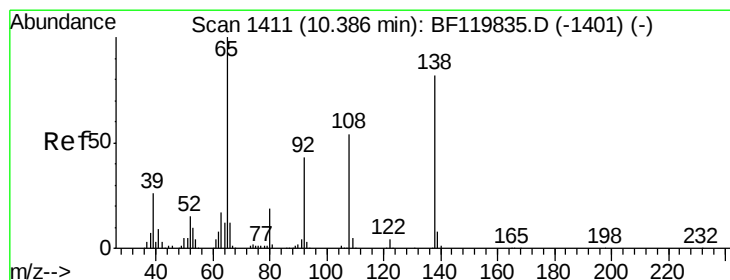
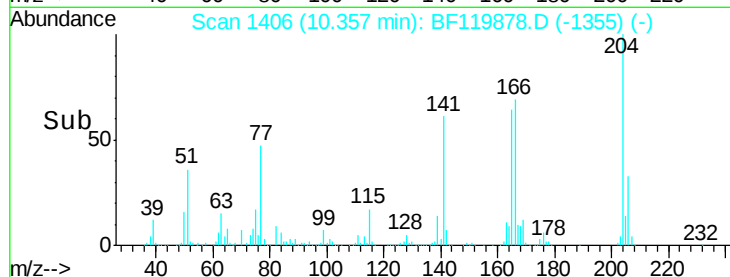
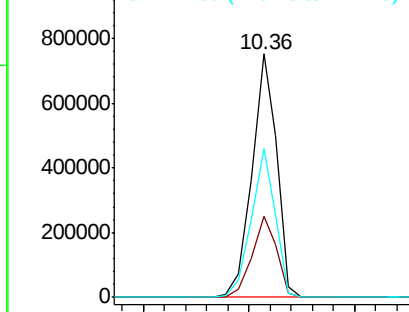
Tot Ion:	204	Resp:	611221
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.7	40.1
141	61.1	45.8	68.8

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:46 AM

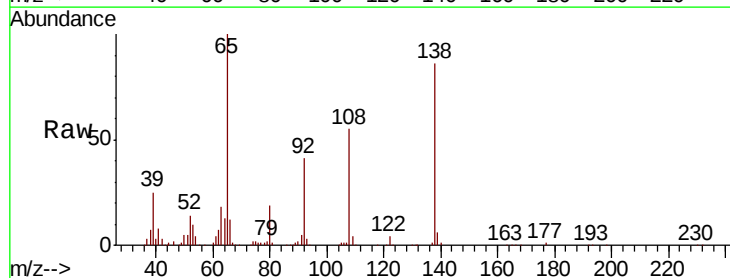


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

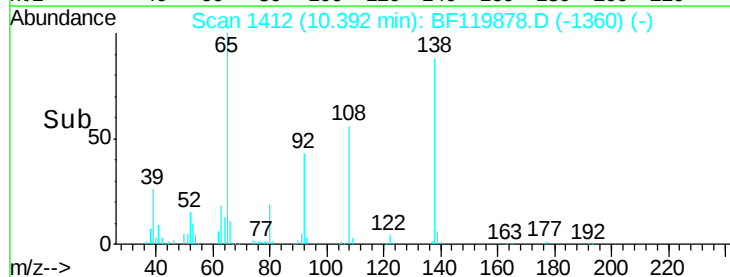
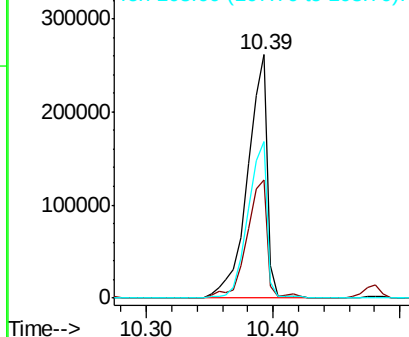


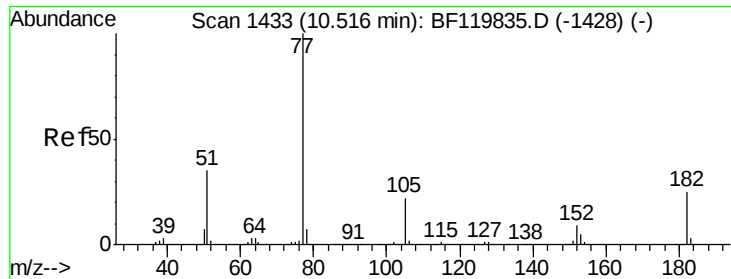
#62
 4-Nitroaniline
 Concen: 54.191 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:	138	Resp:	282639
Ion Ratio	Lower	Upper	
138	100		
92	48.4	31.6	71.6
108	64.4	45.2	85.2



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





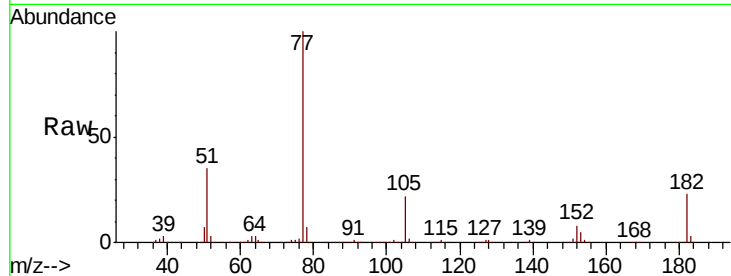
#63
Azobenzene
Concen: 64.337 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

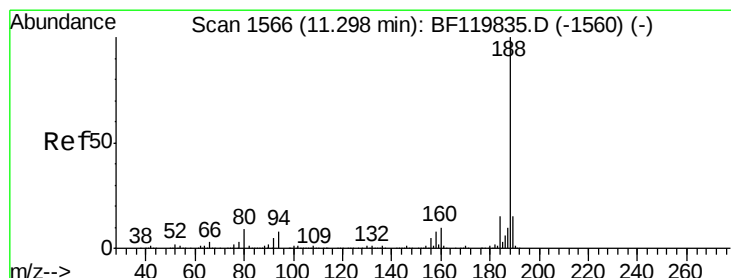
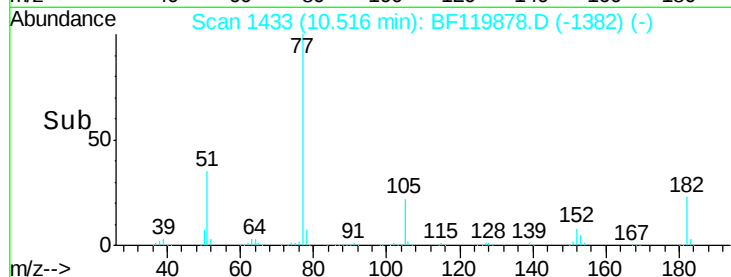
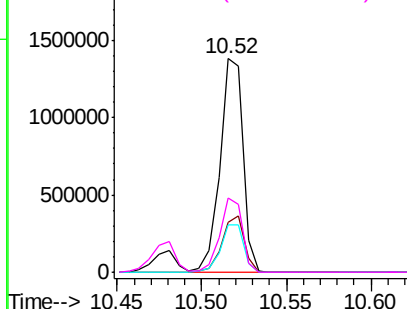
Tot Ion: 77 Resp: 1307656
Ion Ratio Lower Upper
77 100
182 23.2 4.5 44.5
105 22.0 2.2 42.2
51 35.1 15.1 55.1

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM

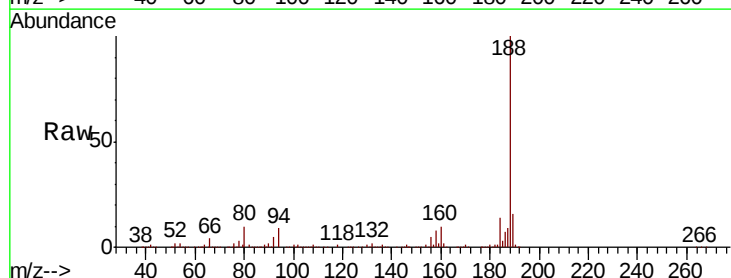


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

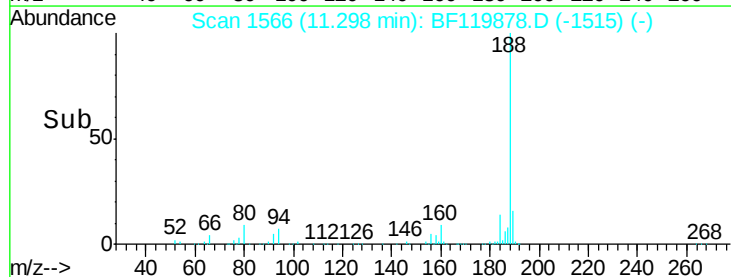
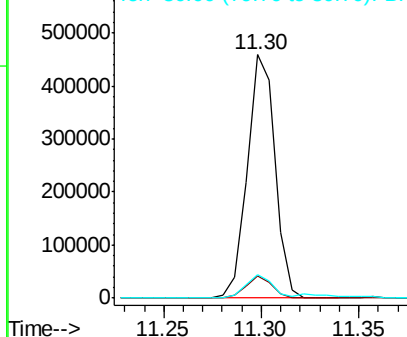


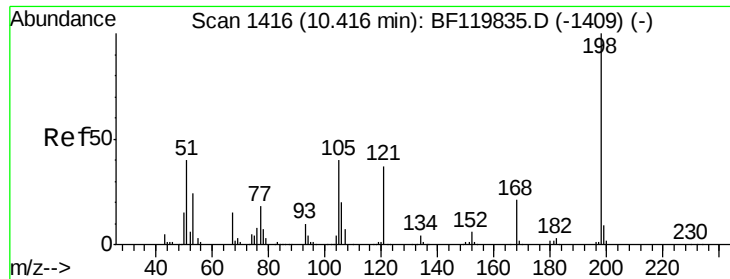
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion: 188 Resp: 449574
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.8 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





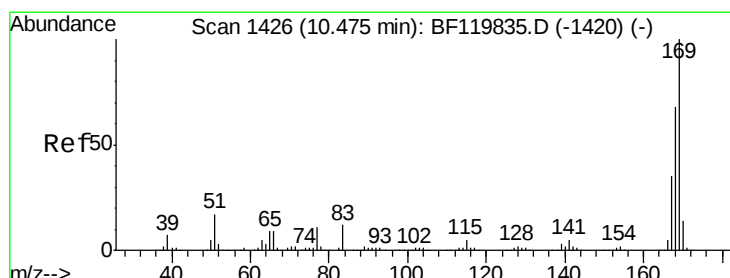
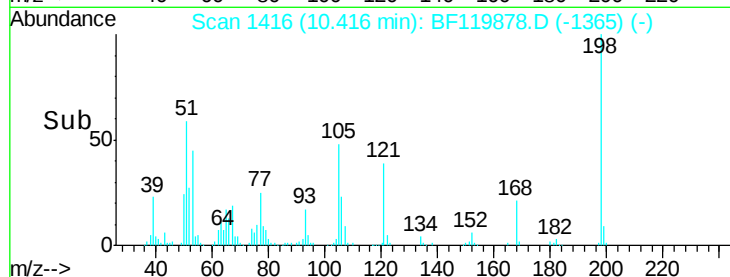
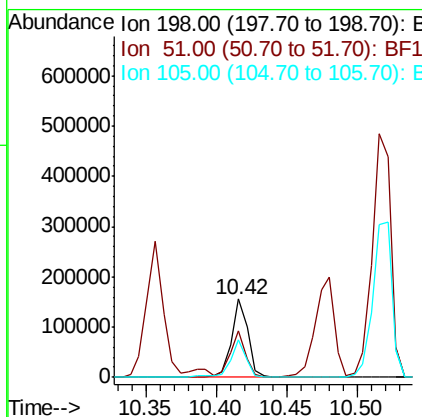
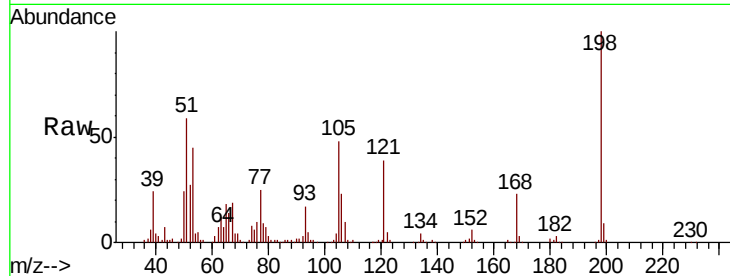
#65
4,6-Dinitro-2-methylphenol
Concen: 42.403 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampled :
CC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125592		
51	59.1	25.2	65.2	
105	47.6	20.8	60.8	

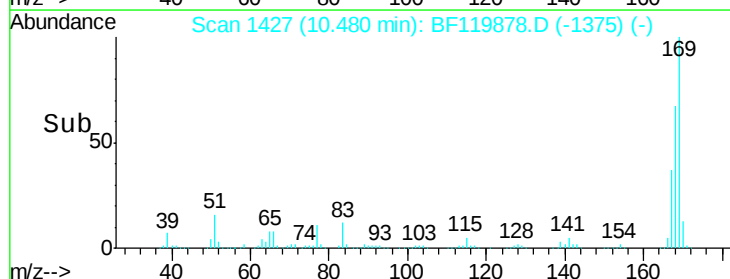
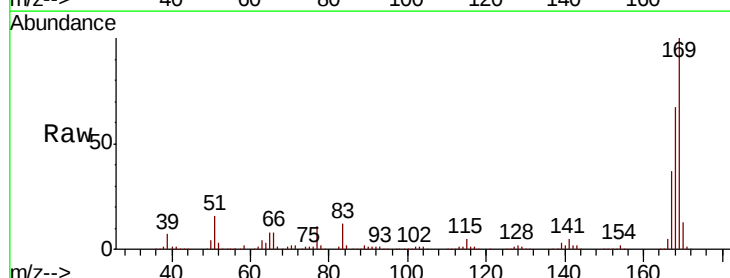
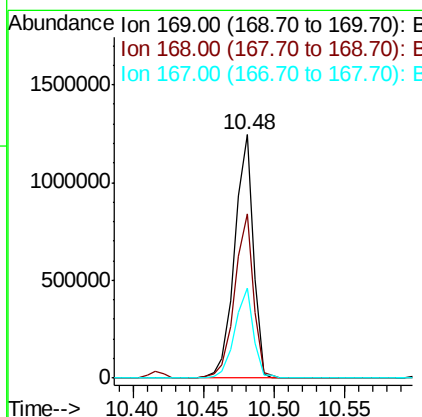
Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



#66
n-Nitrosodiphenylamine
Concen: 76.615 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1145517		
168	67.2	54.2	81.4	
167	37.0	28.3	42.5	





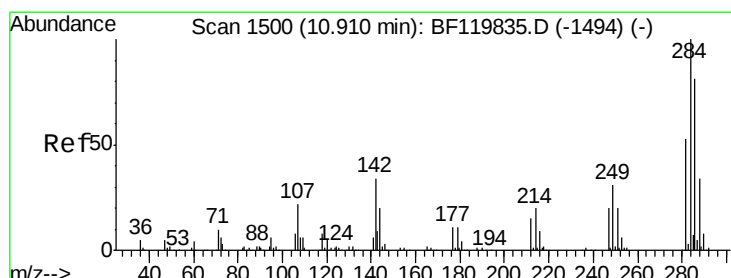
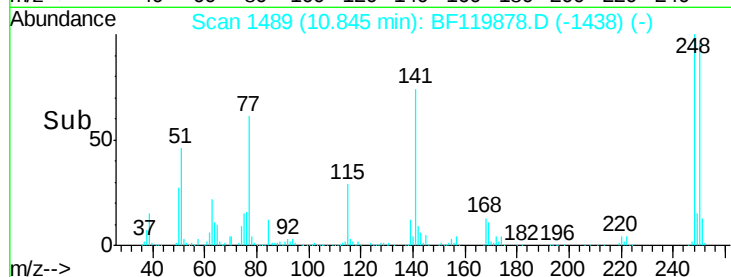
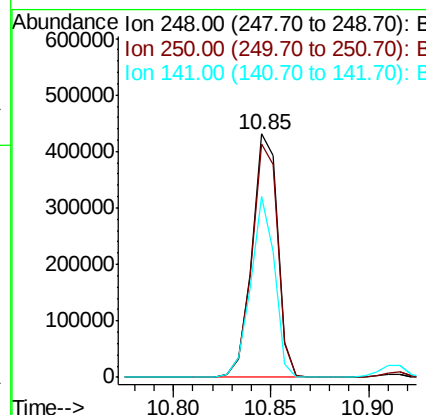
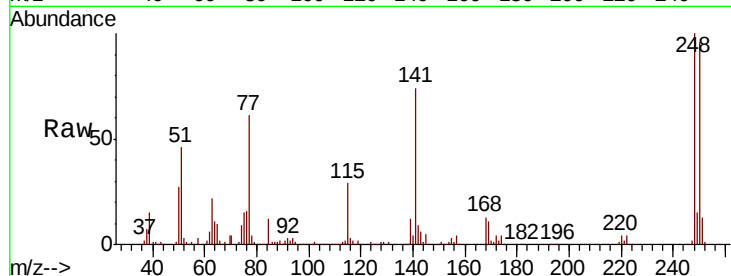
#67
4-Bromophenyl-phenylether
Concen: 70.106 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampled :
CC-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.6	114.8
141	74.4	55.9	83.9

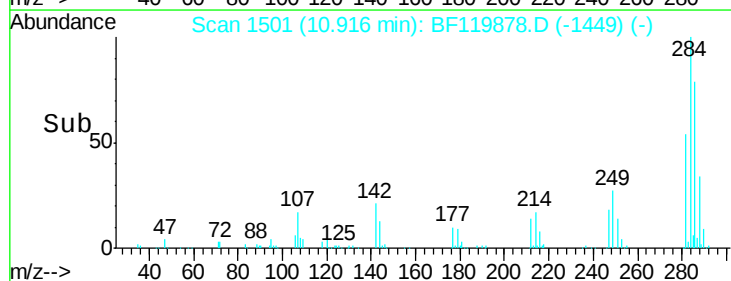
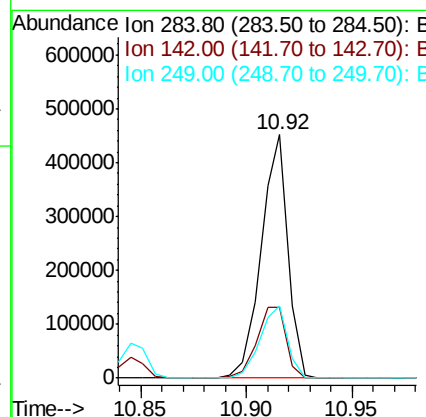
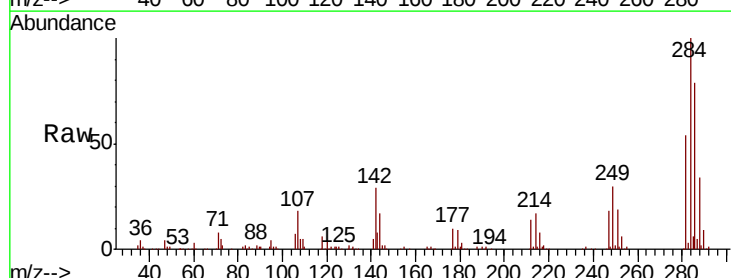
Manual Integrations
APPROVED

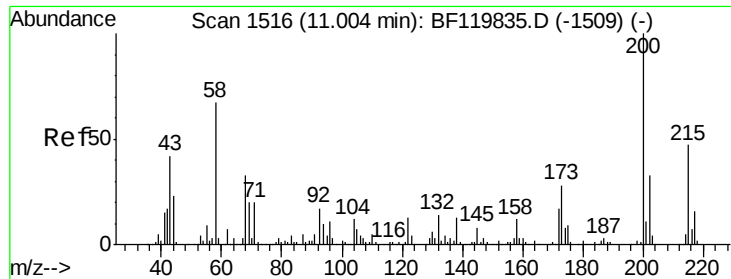
mohammad
4/10/2020 9:57:46 AM



#68
Hexachlorobenzene
Concen: 70.010 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	26.9	40.3
249	29.8	24.6	37.0





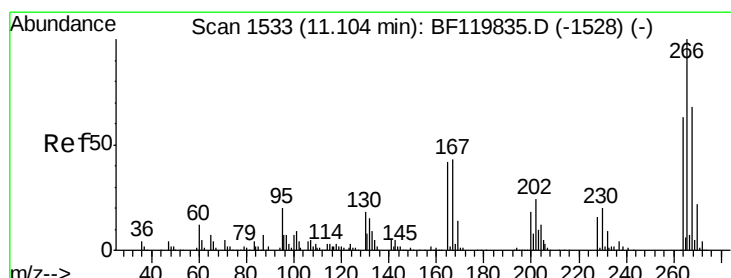
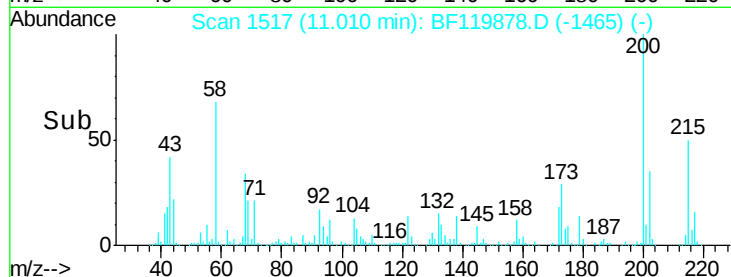
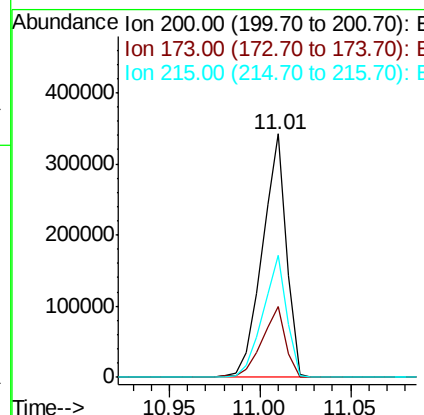
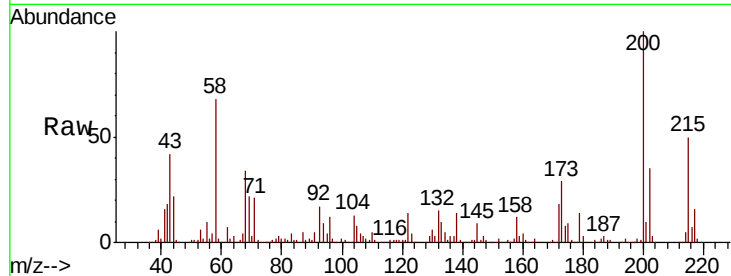
#69
Atrazine
Concen: 75.857 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.2	8.0	48.0
215	50.1	27.1	67.1

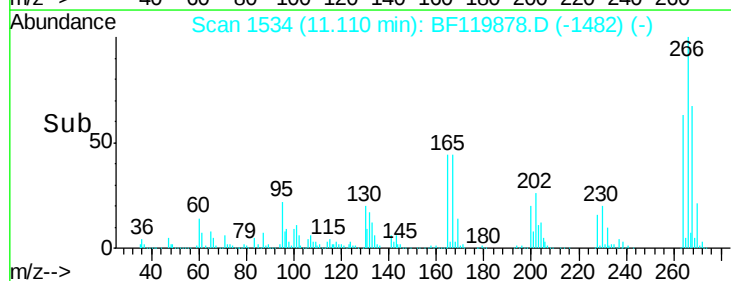
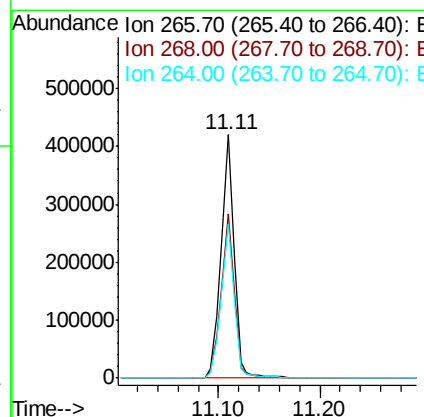
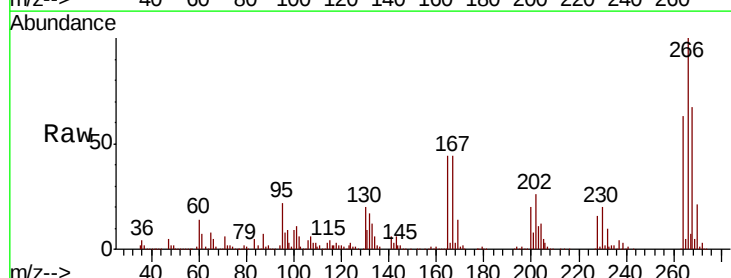
Manual Integrations
APPROVED

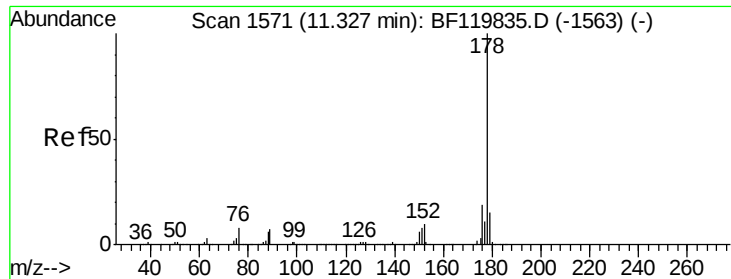
mohammad
4/10/2020 9:57:46 AM



#70
Pentachlorophenol
Concen: 118.909 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.5	54.2	81.4
264	63.2	50.6	76.0





#71

Phenanthrene

Concen: 59.178 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

CC-1MSD

Tot Ion:178 Resp: 1415951

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

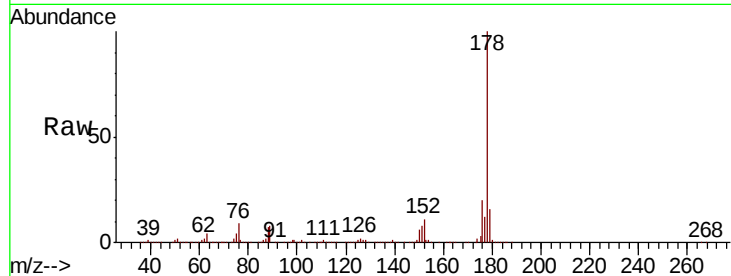
179 15.8 12.2 18.4

Manual Integrations

APPROVED

mohammad

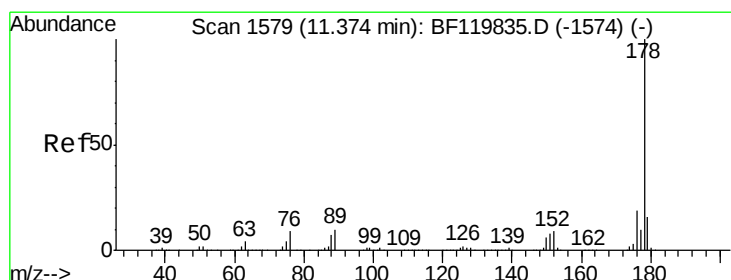
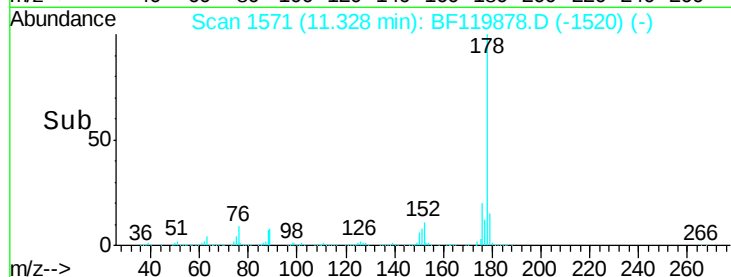
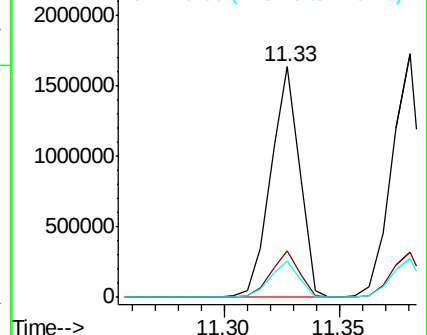
4/10/2020 9:57:46 AM



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



#72

Anthracene

Concen: 60.280 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

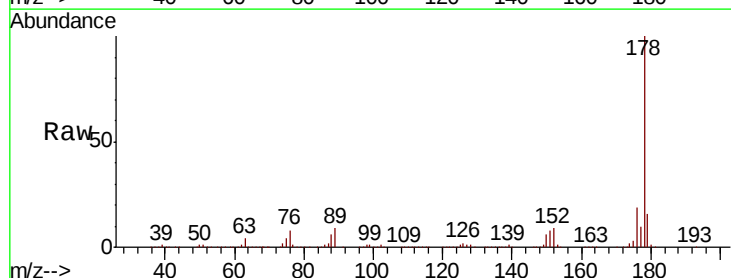
Tgt Ion:178 Resp: 1473390

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

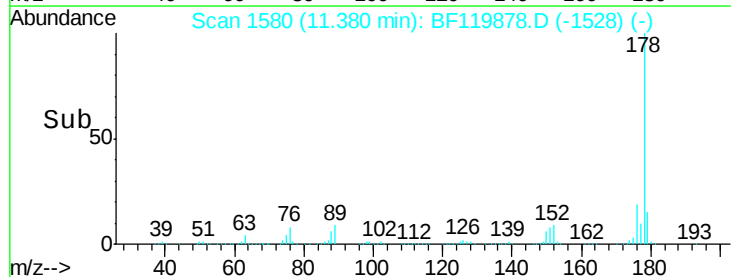
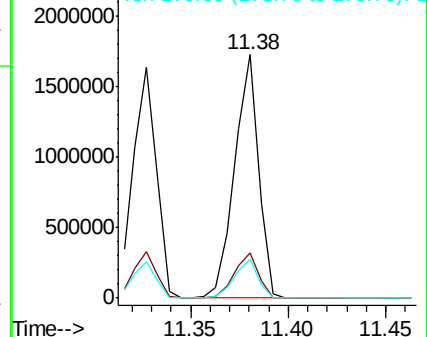
179 15.9 12.8 19.2

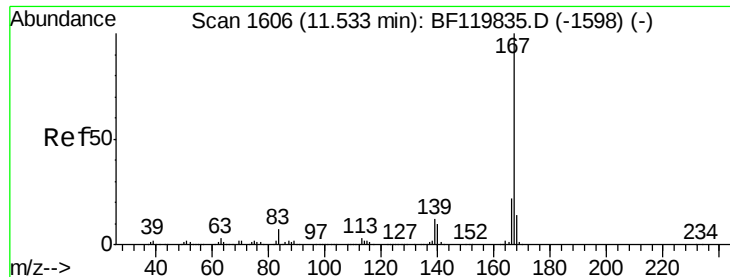


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





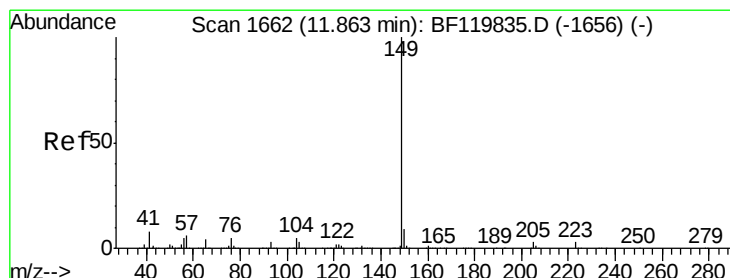
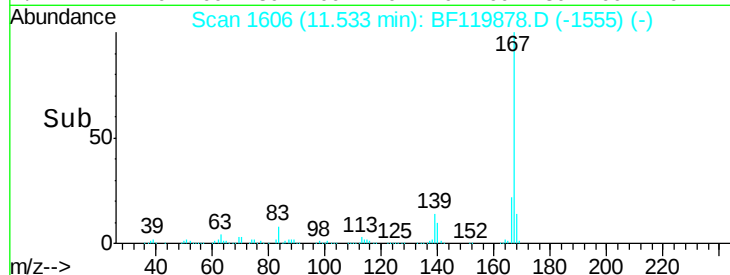
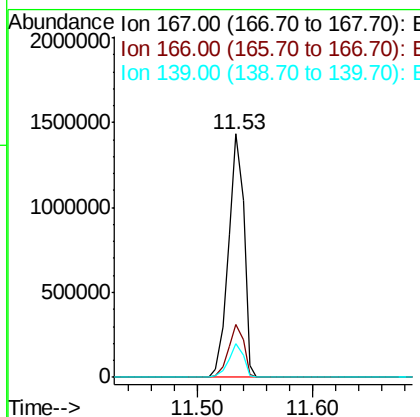
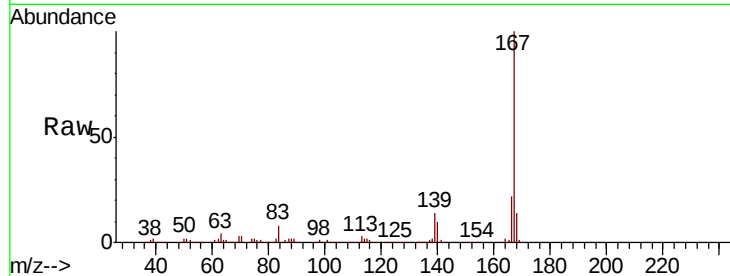
#73
 Carbazole
 Concen: 57.469 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.6	9.8	14.8

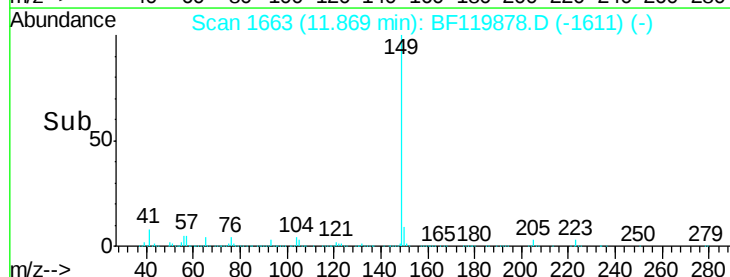
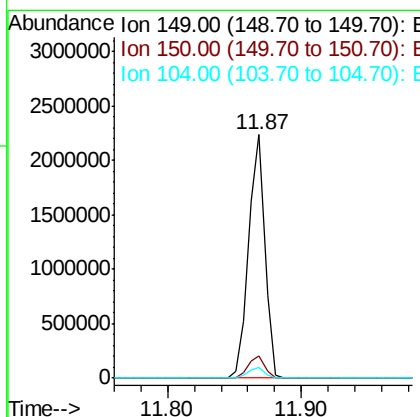
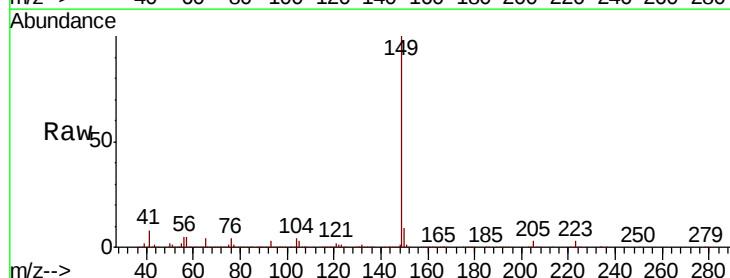
Manual Integrations
 APPROVED

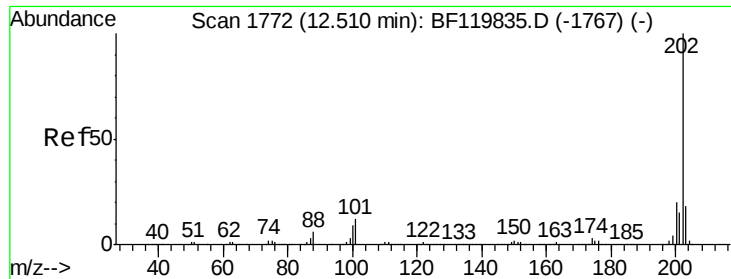
mohammad
 4/10/2020 9:57:46 AM



#74
 Di-n-butylphthalate
 Concen: 60.911 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.4	3.8	5.6





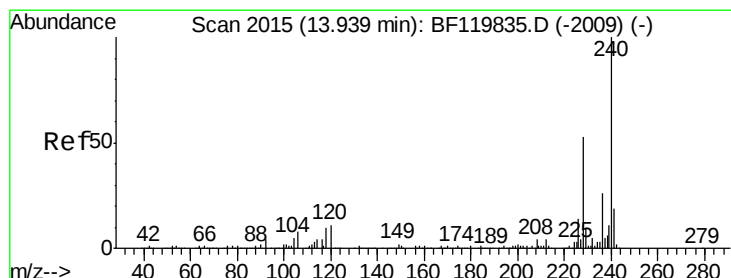
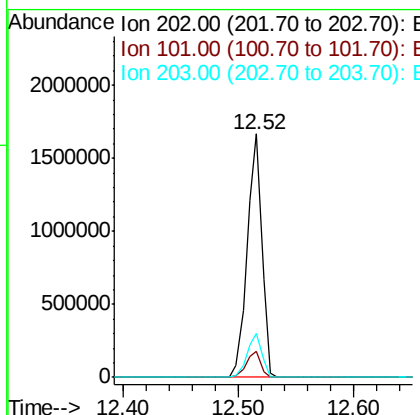
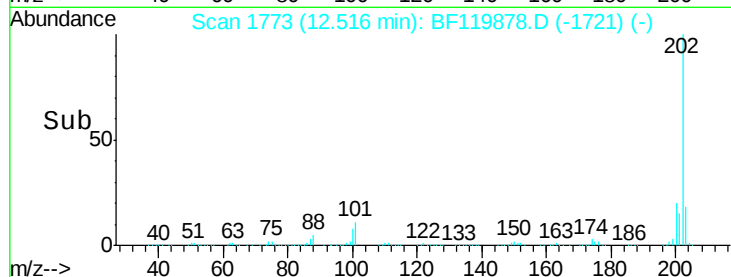
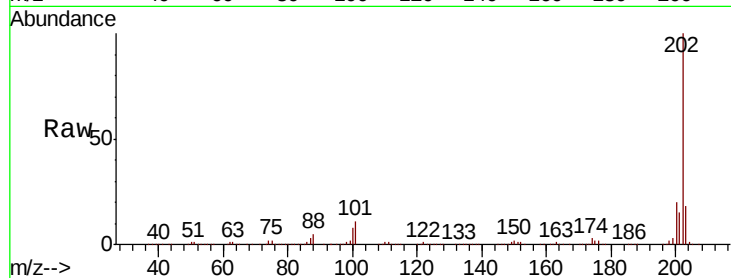
#75
Fluoranthene
Concen: 56.720 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	17.9	0.0	37.6

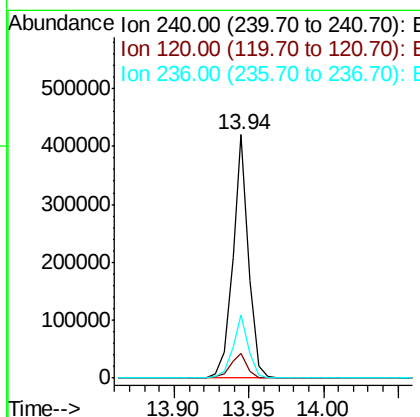
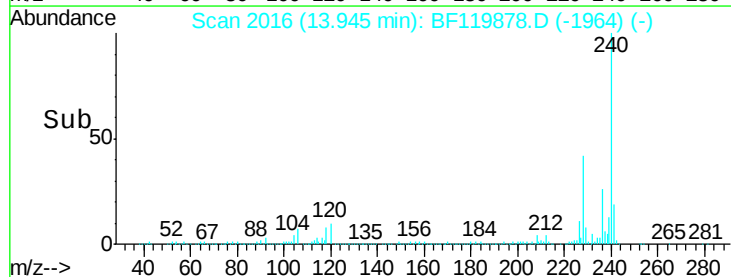
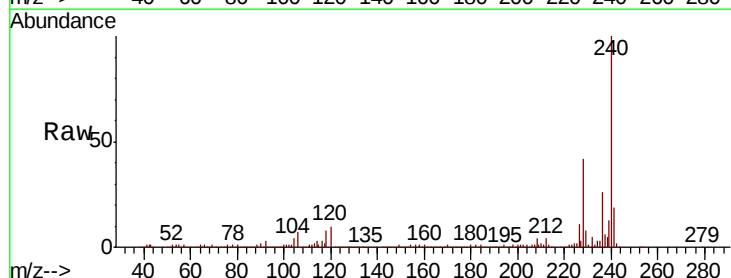
Manual Integrations
APPROVED

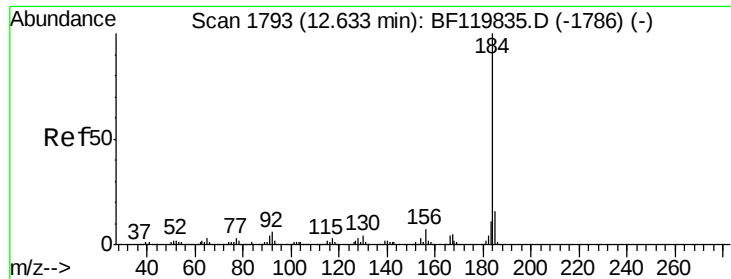
mohammad
4/10/2020 9:57:46 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.7	20.7	31.1





#77

Benzidine

Concen: 85.016 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

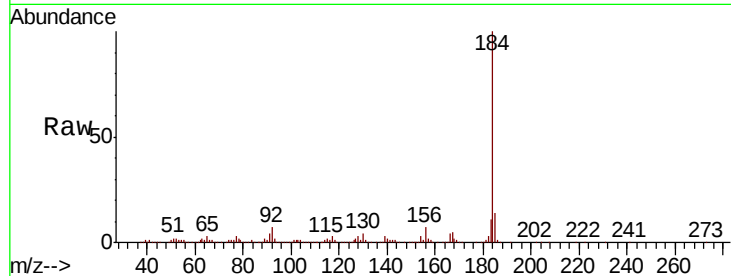
ClientSampled :

CC-1MSD

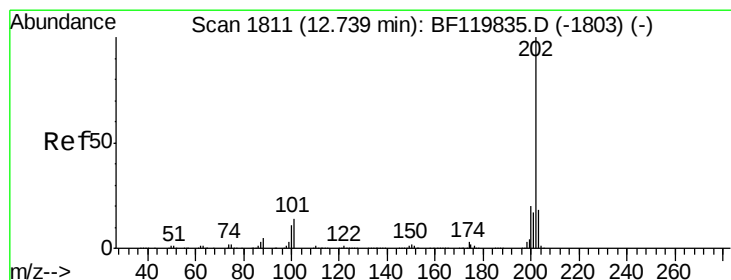
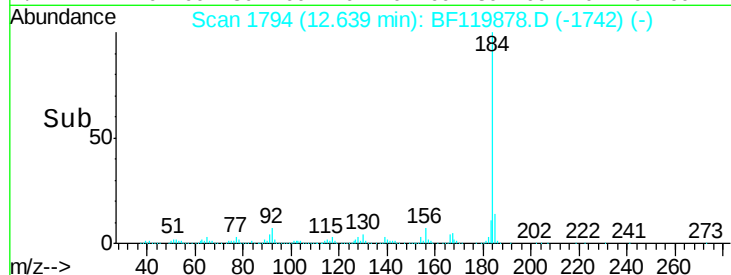
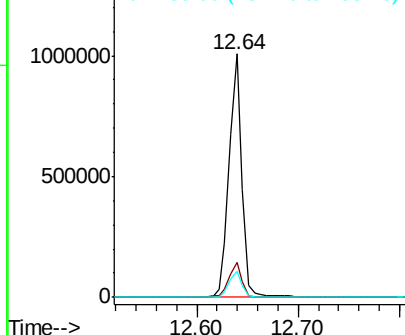
Tot Ion:	184	Resp:	890418
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.2	19.8
183	10.7	9.1	13.7

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



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



#78

Pyrene

Concen: 53.187 ng

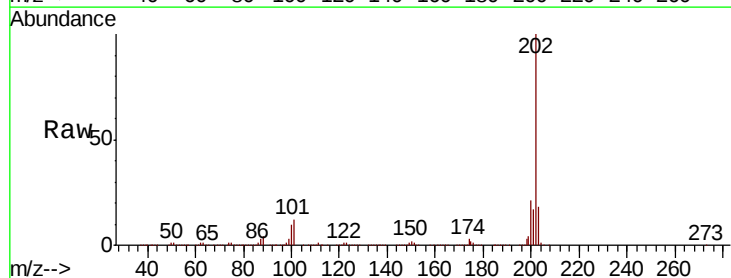
RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

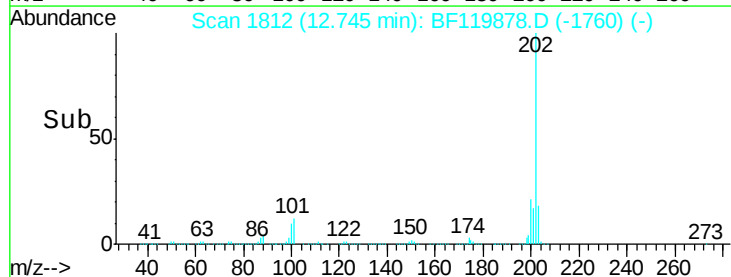
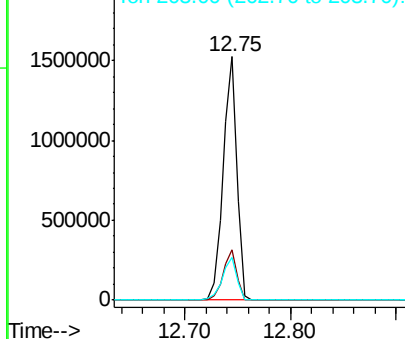
Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:	202	Resp:	1389252
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.2	24.2
203	17.6	14.1	21.1



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





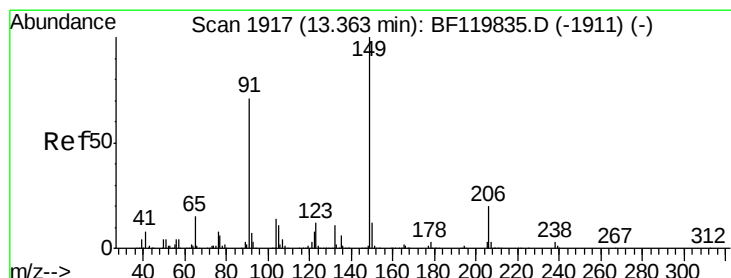
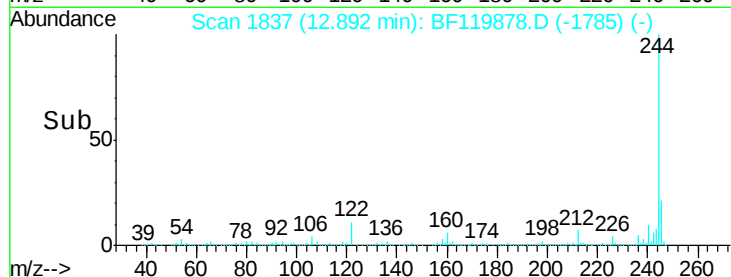
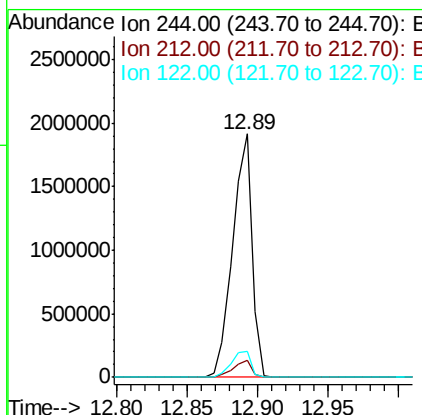
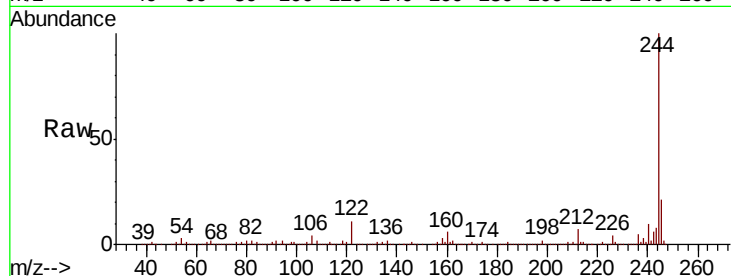
#79
 Terphenyl-d14
 Concen: 99.423 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 CC-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	10.3	15.5

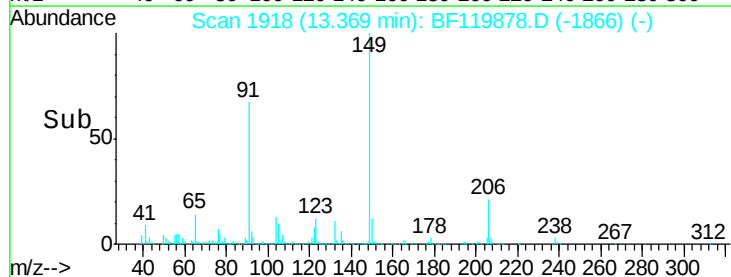
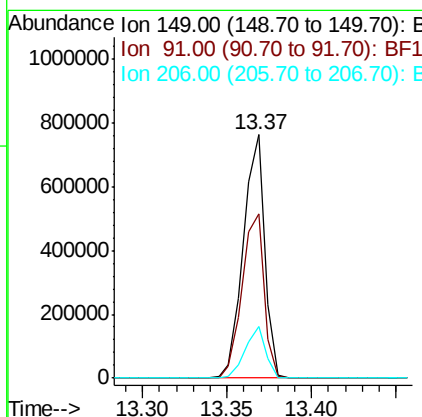
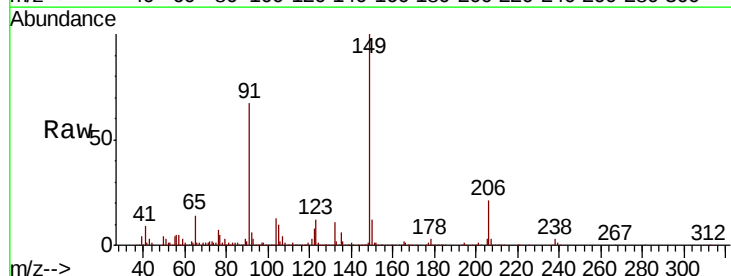
Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:46 AM



#80
 Butylbenzylphthalate
 Concen: 53.567 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	56.7	85.1
206	21.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 56.944 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

CC-1MSD

Tot Ion:228 Resp: 1160716

Ion Ratio Lower Upper

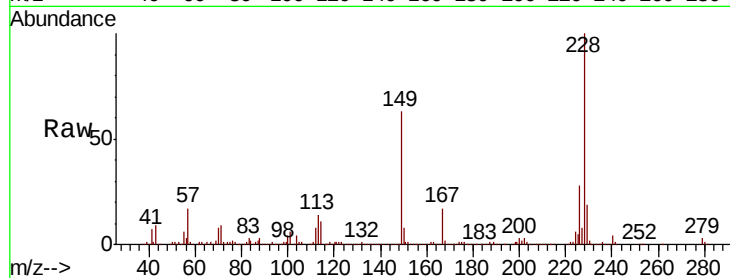
228 100

226 27.5 21.9 32.9

229 19.5 15.9 23.9

Manual Integrations
APPROVED

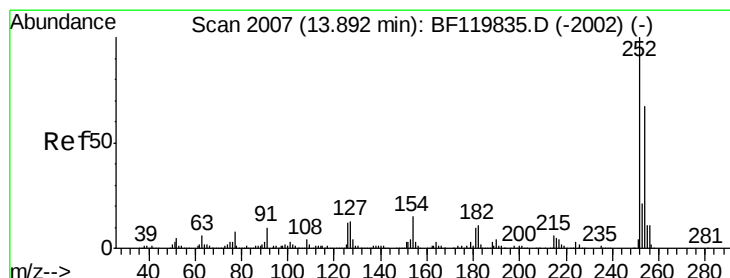
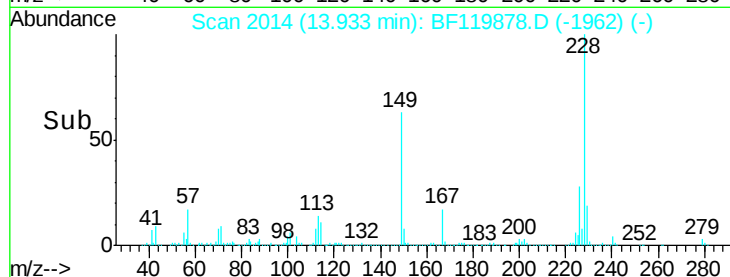
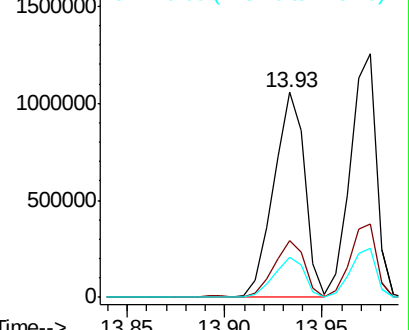
mohammad
4/10/2020 9:57:46 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 58.860 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

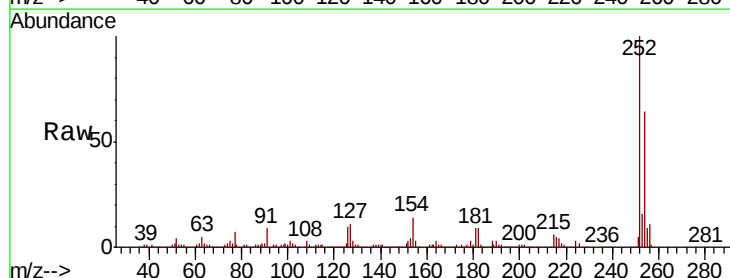
Tgt Ion:252 Resp: 447662

Ion Ratio Lower Upper

252 100

254 64.4 53.9 80.9

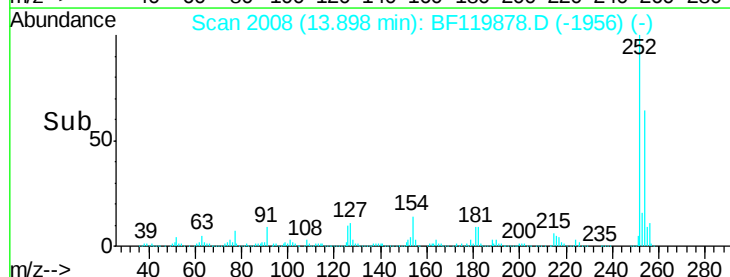
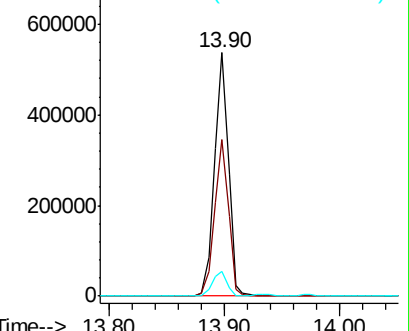
126 10.3 9.7 14.5

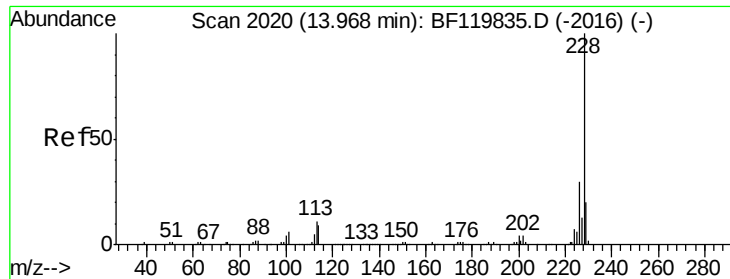


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





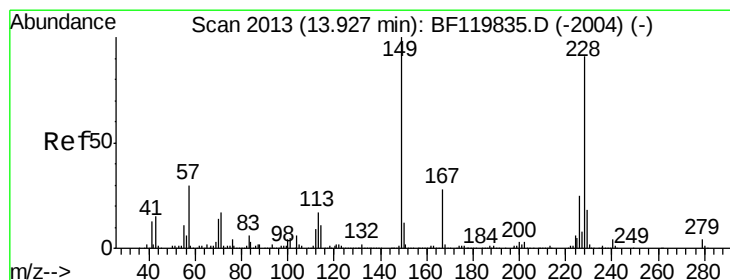
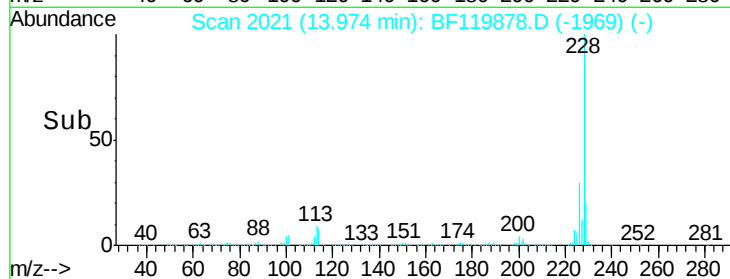
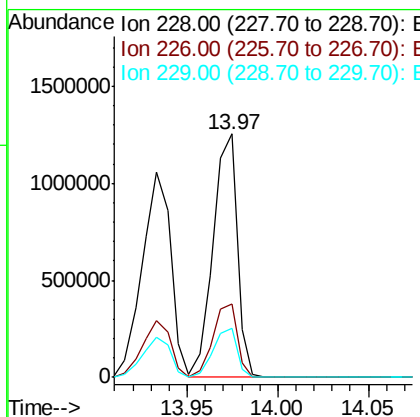
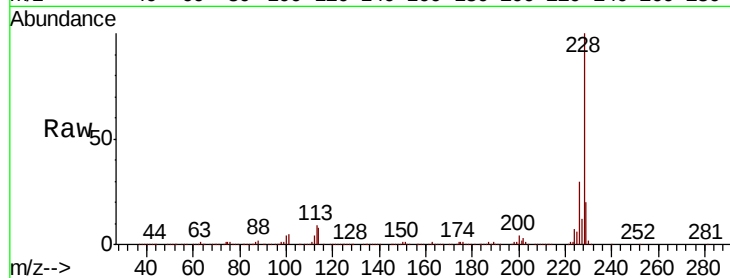
#83
Chrvsene
Concen: 56.074 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion:228 Resp: 1161372
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.9 15.9 23.9

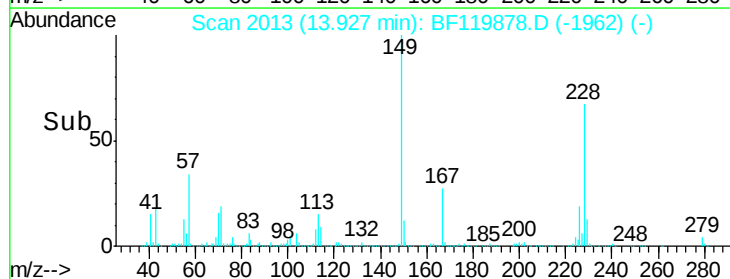
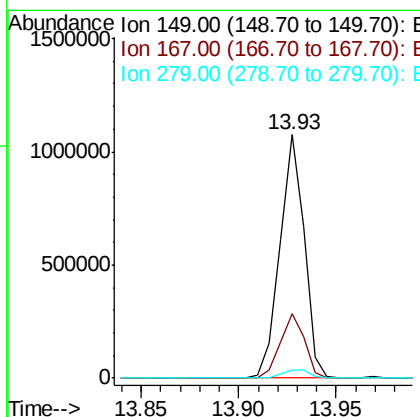
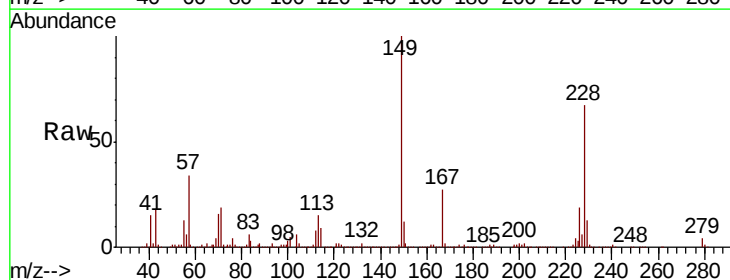
Manual Integrations
APPROVED

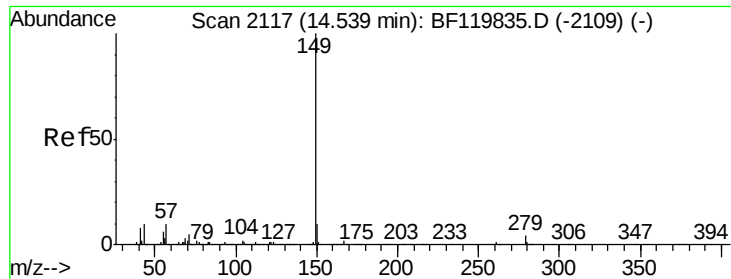
mohammad
4/10/2020 9:57:46 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.116 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:149 Resp: 928829
Ion Ratio Lower Upper
149 100
167 26.7 22.2 33.2
279 3.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.418 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

CC-1MSD

Tot Ion:149 Resp: 1619559

Ion Ratio Lower Upper

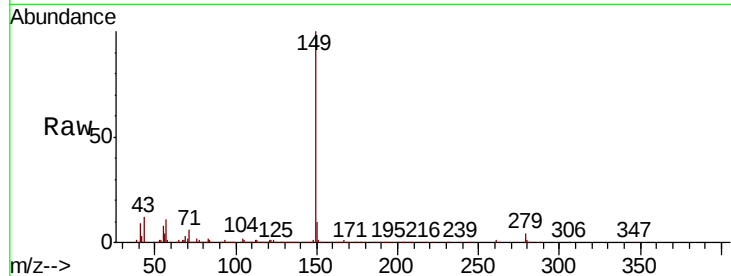
149 100

167 1.6 1.2 1.8

43 11.3 9.2 13.8

Manual Integrations
APPROVED

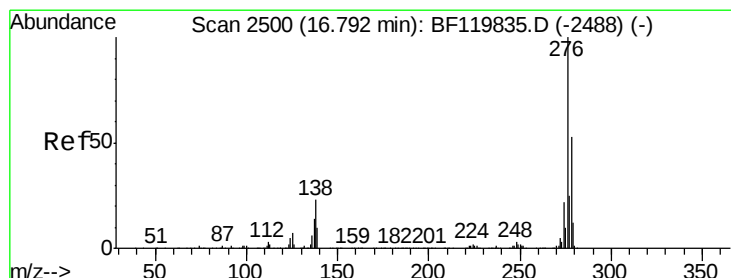
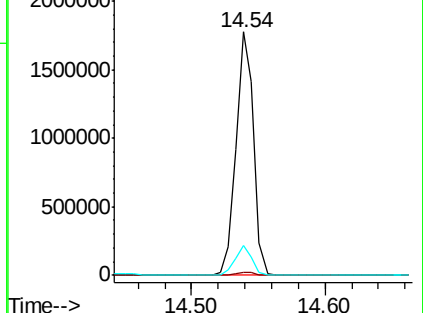
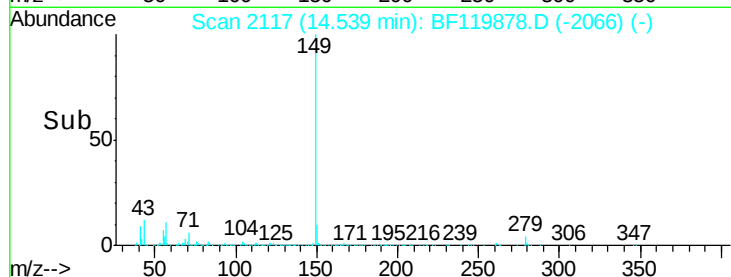
mohammad
4/10/2020 9:57:46 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.065 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

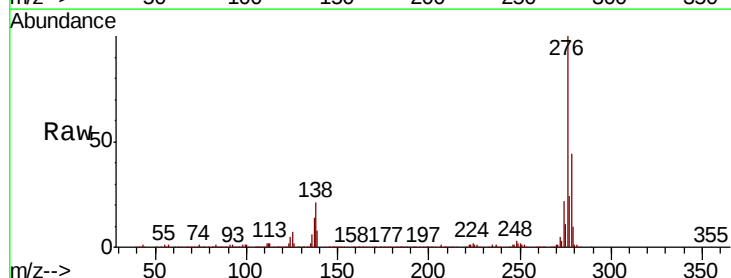
Tgt Ion:276 Resp: 1114859

Ion Ratio Lower Upper

276 100

138 22.4 18.0 27.0

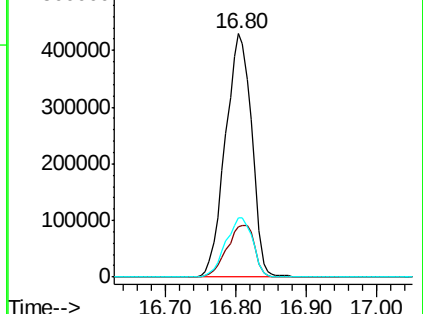
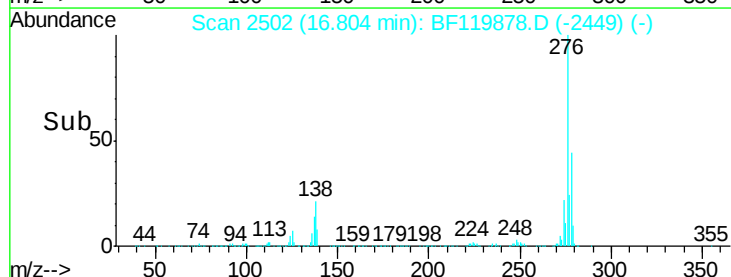
277 25.2 20.1 30.1

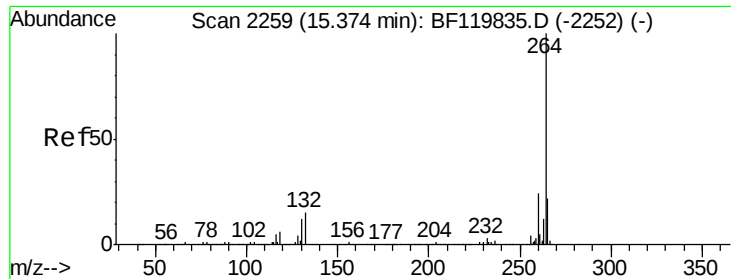


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

CC-1MSD

Tot Ion:264 Resp: 315908

Ion Ratio Lower Upper

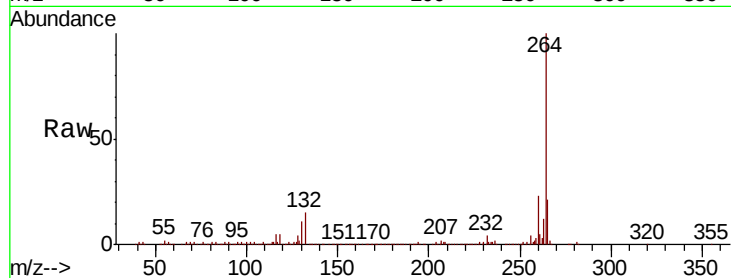
264 100

260 23.1 19.3 28.9

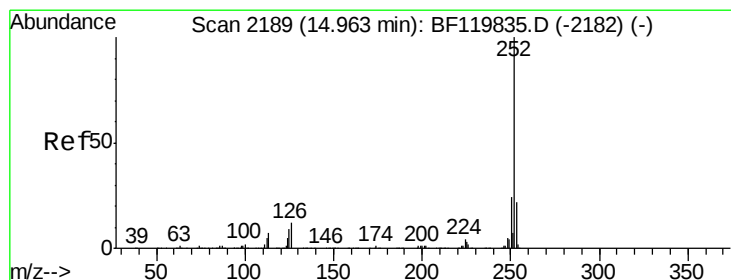
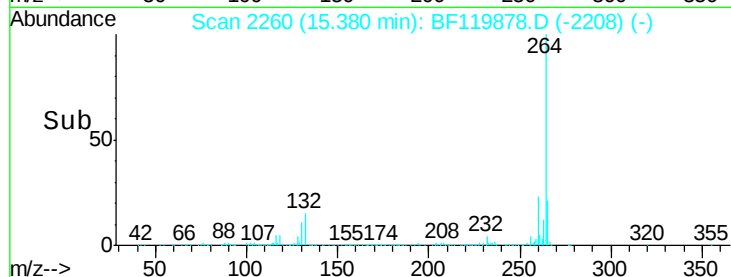
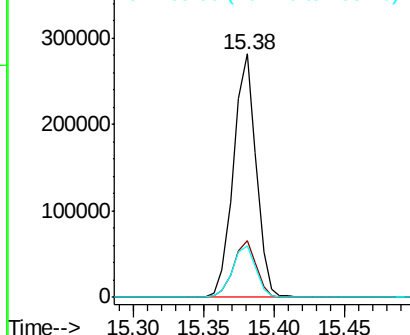
265 21.3 17.6 26.4

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.508 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

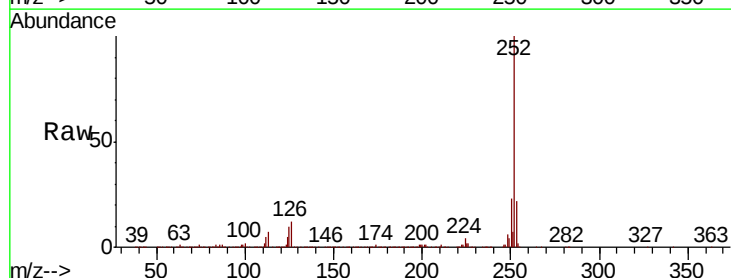
Tgt Ion:252 Resp: 1329641

Ion Ratio Lower Upper

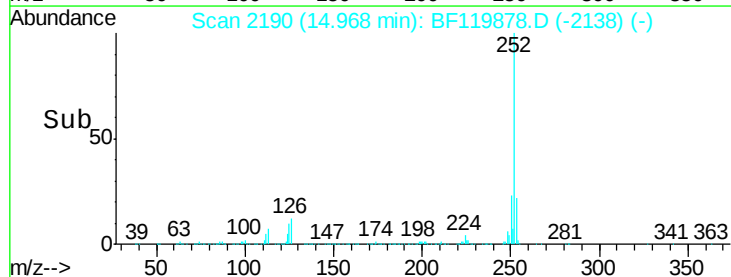
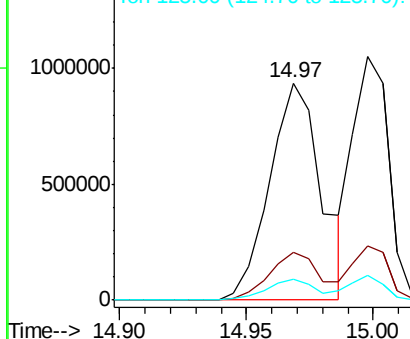
252 100

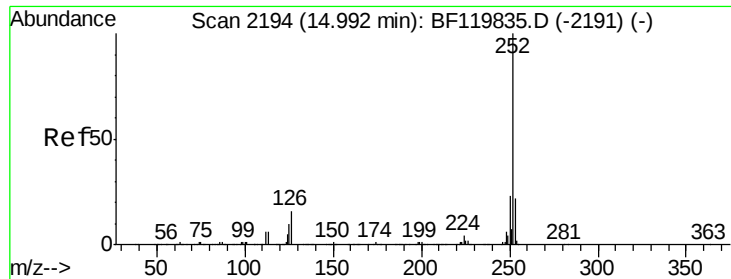
253 22.0 17.7 26.5

125 9.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





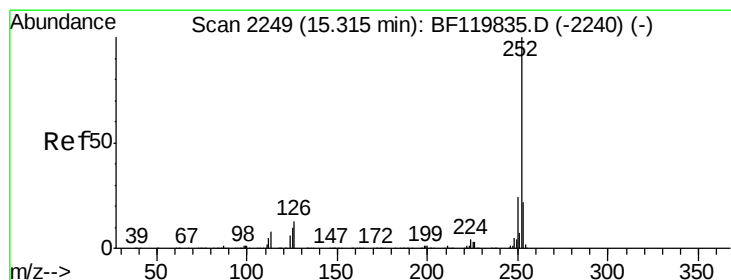
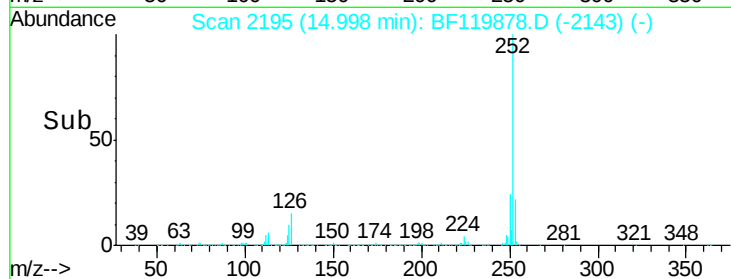
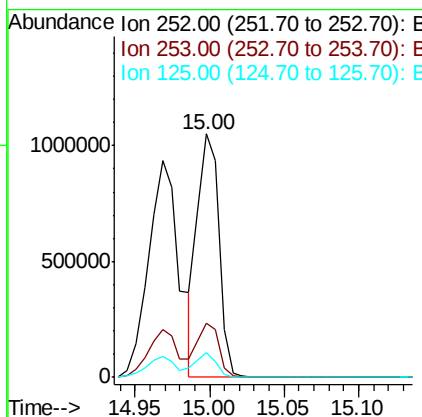
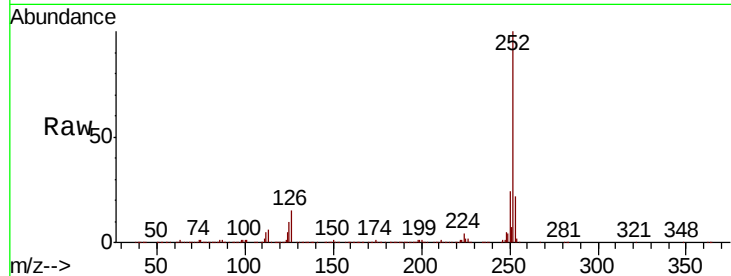
#89
Benzo(k)fluoranthene
Concen: 52.973 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.5	17.8	26.8	
125	10.4	7.7	11.5	

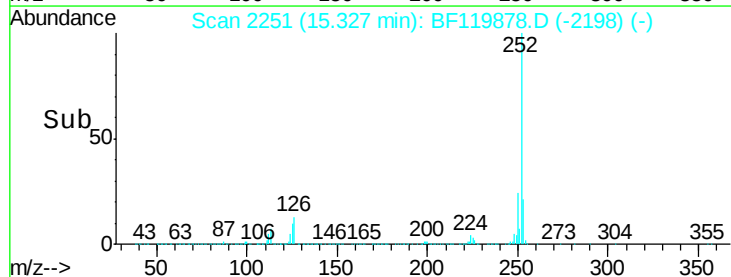
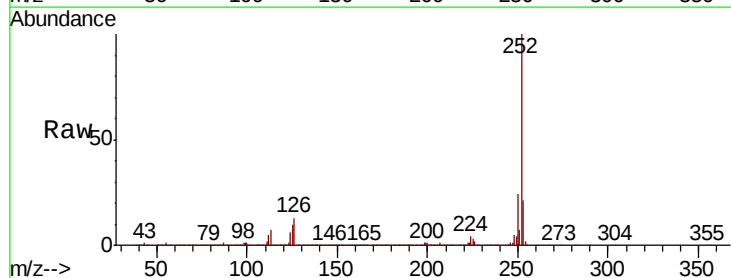
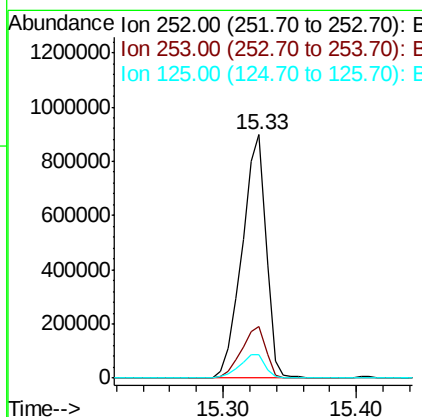
Manual Integrations
APPROVED

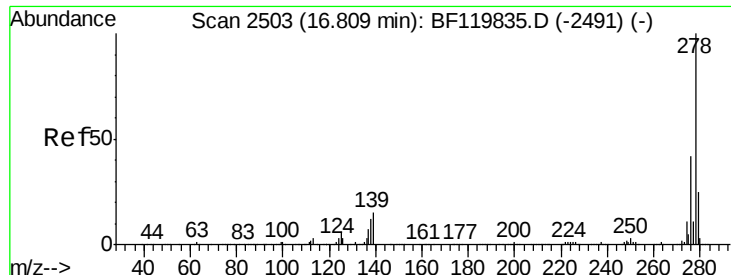
mohammad
4/10/2020 9:57:46 AM



#90
Benzo(a)pyrene
Concen: 58.127 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.4	17.4	26.2	
125	9.9	8.3	12.5	





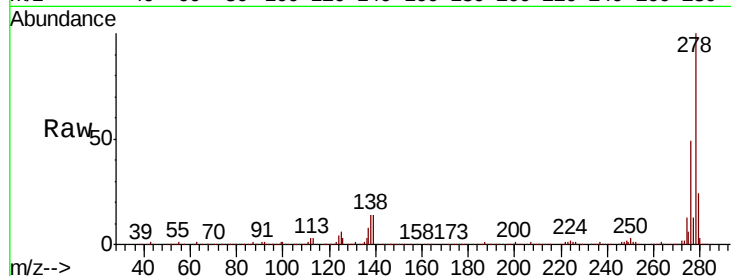
#91
Dibenzo(a,h)anthracene
Concen: 55.102 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
CC-1MSD

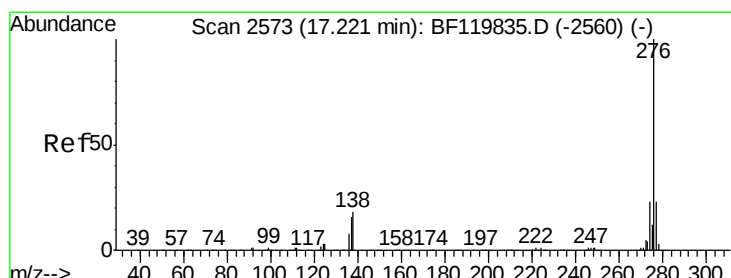
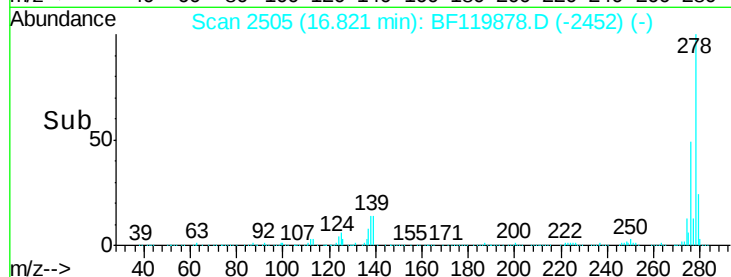
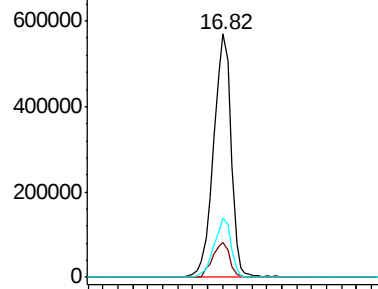
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	24.4	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:46 AM

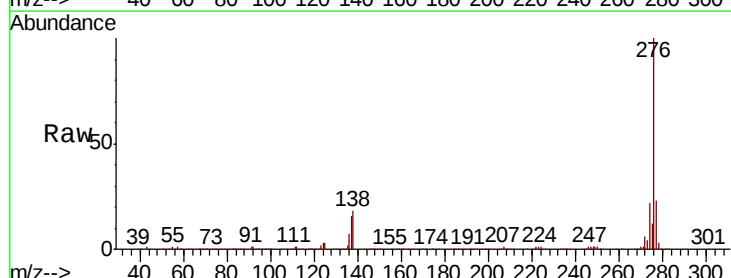


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.340 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	17.6	14.6	22.0



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

