

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119989.D
 Acq On : 15 Apr 2020 13:12
 Operator : MA/SJ
 Sample : PB128203BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:42 PM

Quant Time: Apr 15 14:21:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	178271	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	698050	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	368279	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	705555	20.00	ng	0.00
76) Chrysene-d12	13.90	240	503236	20.00	ng	0.00
87) Perylene-d12	15.32	264	444754	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1283928	124.47	ng	0.01
7) Phenol-d6	6.37	99	1624192	122.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	1015211	75.24	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	447183	99.18	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1991361	76.77	ng	0.00
79) Terphenyl-d14	12.84	244	2174347	72.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	188208	40.963	ng	93
3) Pyridine	3.15	79	505318	40.086	ng	99
4) n-Nitrosodimethylamine	3.10	42	264512	41.069	ng	89
6) Aniline	6.39	93	592644	33.970	ng	96
8) 2-Chlorophenol	6.51	128	539412	46.800	ng	98
9) Benzaldehyde	6.27	77	241996	30.618	ng	99
10) Phenol	6.38	94	679763	45.078	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	513237	44.080	ng	99
12) 1,3-Dichlorobenzene	6.66	146	543981	43.110	ng	98
13) 1,4-Dichlorobenzene	6.75	146	555986	43.254	ng	98
14) 1,2-Dichlorobenzene	6.90	146	519694	43.871	ng	97
15) Benzyl Alcohol	6.87	79	435398	42.174	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	907676	40.061	ng	98
17) 2-Methylphenol	6.99	107	435204	42.311	ng	99
18) Hexachloroethane	7.24	117	209841	43.682	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	370755	43.376	ng	98
20) 3+4-Methylphenols	7.14	107	532745	42.349	ng	93
22) Acetophenone	7.14	105	709857	43.427	ng	99
24) Nitrobenzene	7.31	77	555842	40.950	ng	99
25) Isophorone	7.56	82	1041878	40.056	ng	100
26) 2-Nitrophenol	7.63	139	292478	43.129	ng	95
27) 2,4-Dimethylphenol	7.67	122	450102	44.009	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	667209	43.592	ng	100
29) 2,4-Dichlorophenol	7.87	162	449766	42.902	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	479049	40.328	ng	98
31) Naphthalene	8.03	128	1538352	41.887	ng	100
32) Benzoic acid	7.80	122	350995	39.076	ng	97
33) 4-Chloroaniline	8.08	127	301565	18.861	ng	97
34) Hexachlorobutadiene	8.15	225	275438	38.736	ng	99
35) Caprolactam	8.46	113	142283m	44.368	ng	
36) 4-Chloro-3-methylphenol	8.57	107	489275	43.107	ng	96
37) 2-Methylnaphthalene	8.73	142	1049774	42.161	ng	98
38) 1-Methylnaphthalene	8.83	142	988771	42.131	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	463943	39.886	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119989.D
 Acq On : 15 Apr 2020 13:12
 Operator : MA/SJ
 Sample : PB128203BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB128203BS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:42 PM

Quant Time: Apr 15 14:21:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	562297	85.012	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	338176	42.102	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	356388	39.394	nq	95
46) 1,1'-Biphenyl	9.19	154	1277674	41.103	nq	99
47) 2-Chloronaphthalene	9.22	162	989853	41.337	nq	98
48) 2-Nitroaniline	9.32	65	348687	40.182	nq	97
49) Acenaphthylene	9.63	152	1544858	42.421	nq	99
50) Dimethylphthalate	9.50	163	1176195	41.290	nq	99
51) 2,6-Dinitrotoluene	9.56	165	262176	42.029	nq	97
52) Acenaphthene	9.80	154	940241	38.704	nq	99
53) 3-Nitroaniline	9.73	138	169217	23.752	nq	95
54) 2,4-Dinitrophenol	9.84	184	315065	84.363	nq	96
55) Dibenzofuran	9.97	168	1411022	42.327	nq	99
56) 4-Nitrophenol	9.90	139	430400	81.195	nq	98
57) 2,4-Dinitrotoluene	9.96	165	345584	42.049	nq	95
58) Fluorene	10.32	166	1077328	40.409	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298456	43.135	nq	99
60) Diethylphthalate	10.20	149	1205688	40.838	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	524101	38.355	nq	96
62) 4-Nitroaniline	10.35	138	279984	41.238	nq	97
63) Azobenzene	10.47	77	1122745	42.434	nq	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	205242	44.155	nq	95
66) n-Nitrosodiphenylamine	10.43	169	1002461	42.722	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	328067	37.390	nq	98
68) Hexachlorobenzene	10.87	284	355360	39.923	nq	94
69) Atrazine	10.96	200	310749	47.598	nq	97
70) Pentachlorophenol	11.06	266	385801	75.211	nq	99
71) Phenanthrene	11.28	178	1575086	41.946	nq	99
72) Anthracene	11.33	178	1622200	42.289	nq	100
73) Carbazole	11.49	167	1496930	41.265	nq	99
74) Di-n-butylphthalate	11.82	149	1918307	40.226	nq	99
75) Fluoranthene	12.47	202	1714119	42.307	nq	99
77) Benzidine	12.59	184	686083	40.332	nq	96
78) Pyrene	12.70	202	1734787	40.892	nq	99
80) Butylbenzylphthalate	13.32	149	809107	39.305	nq	99
81) Benzo(a)anthracene	13.89	228	1358745	41.042	nq	100
82) 3,3'-Dichlorobenzidine	13.85	252	328898	26.626	nq	98
83) Chrysene	13.92	228	1434527	42.645	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1050890	37.698	nq	99
85) Di-n-octyl phthalate	14.50	149	1859579	39.178	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1138433	38.393	nq	97
88) Benzo(b)fluoranthene	14.92	252	1334446	41.709	nq	99
89) Benzo(k)fluoranthene	14.94	252	1180077	42.748	nq	99
90) Benzo(a)pyrene	15.26	252	1117998	41.560	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	956239	40.130	nq	96
92) Benzo(g,h,i)perylene	17.12	276	921046	39.158	nq	97

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

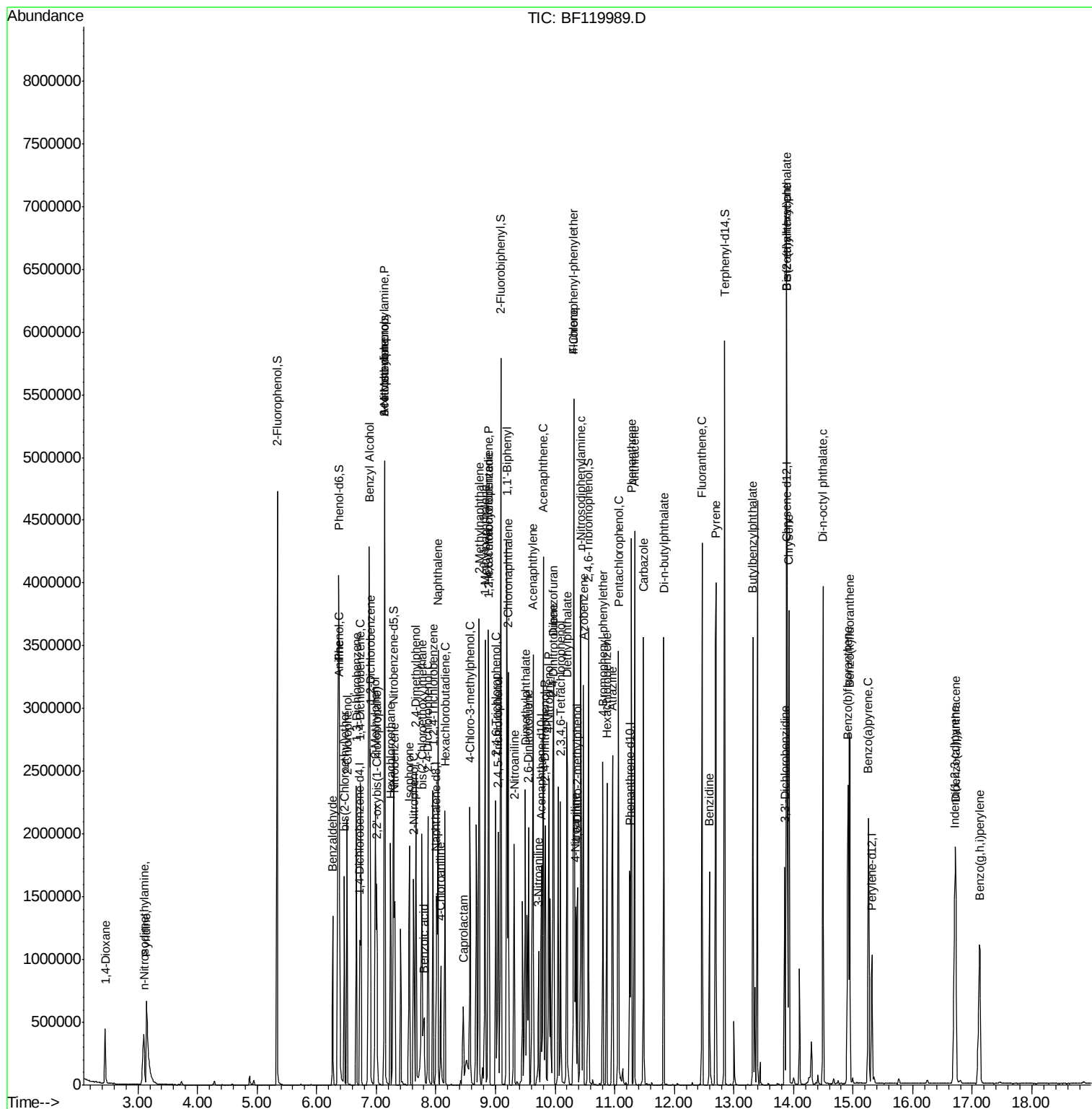
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119989.D
Acq On : 15 Apr 2020 13:12
Operator : MA/SJ
Sample : PB128203BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

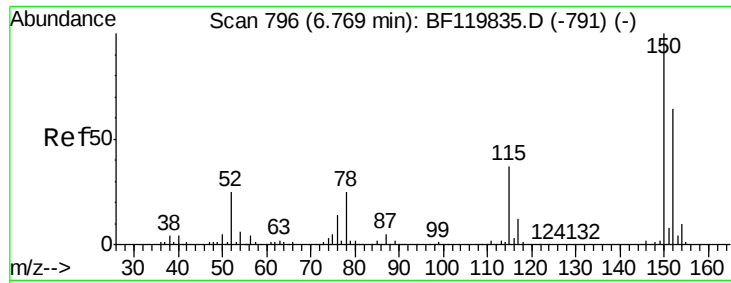
Instrument :
BNA_F
ClientSampleId :
PB128203BS

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM

Quant Time: Apr 15 14:21:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration





#1

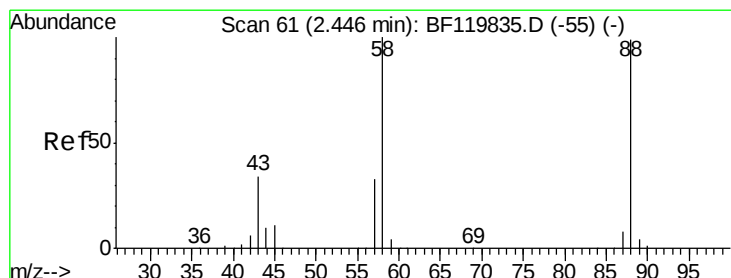
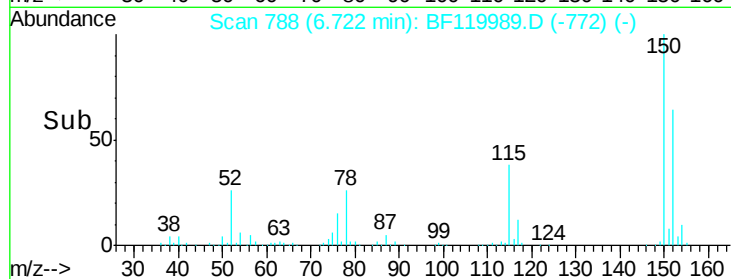
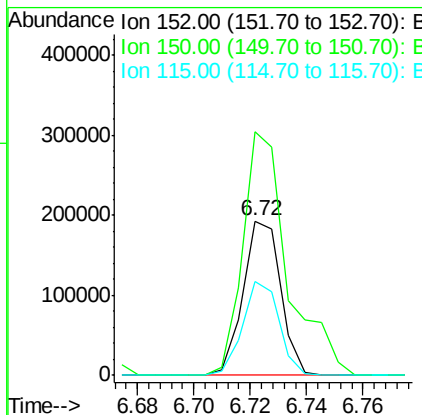
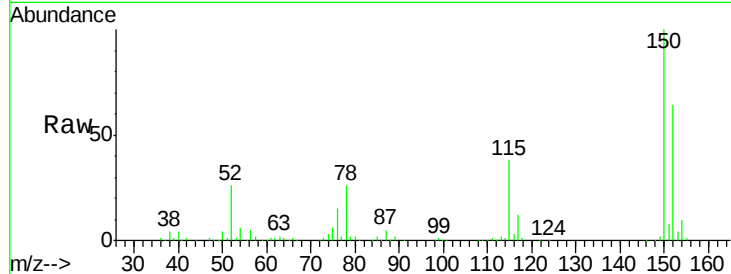
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.8	187.2
115	60.4	46.5	69.7

Manual Integrations
APPROVED

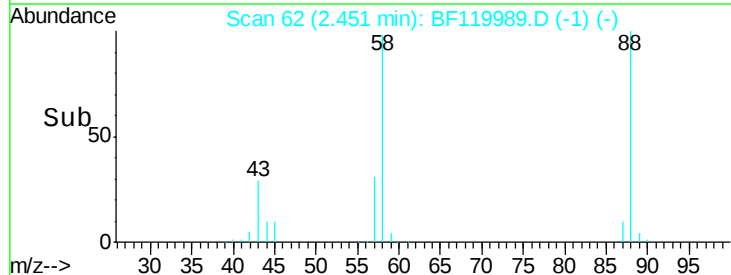
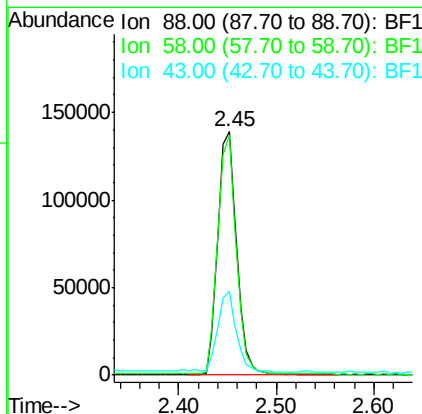
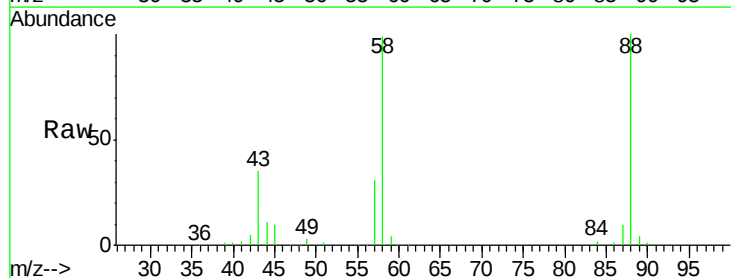
mohammad
4/16/2020 12:52:42 PM

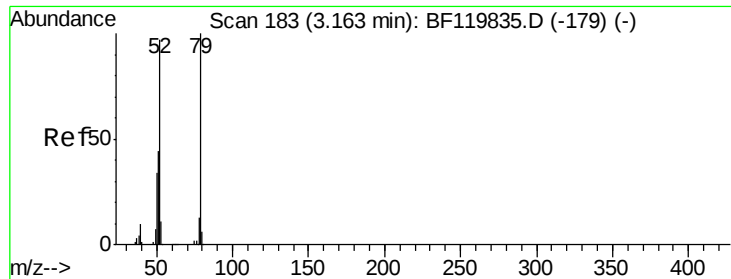


#2

1,4-Dioxane
Concen: 40.963 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.08 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.3	82.6	123.8
43	32.6	28.6	42.8





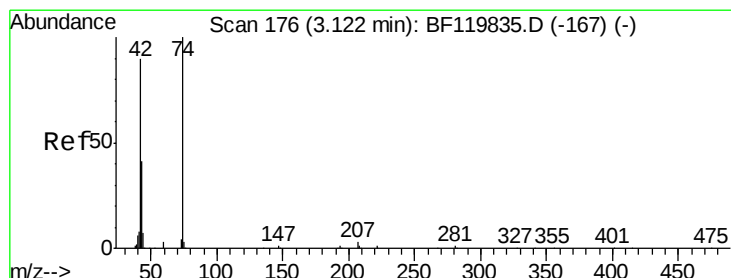
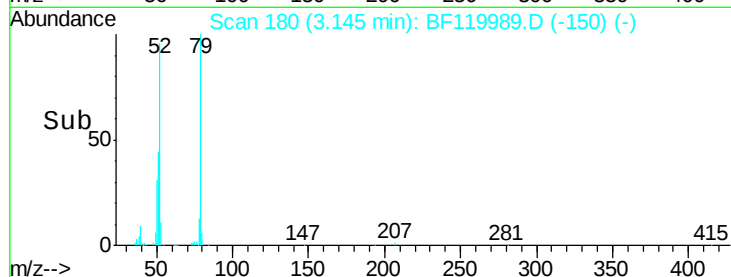
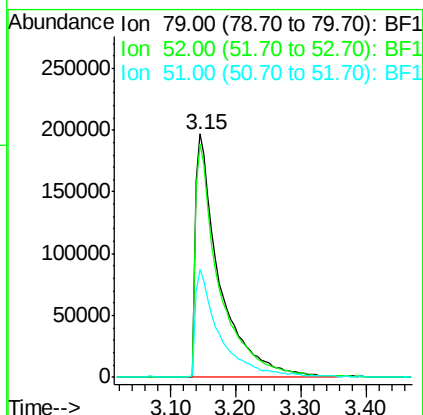
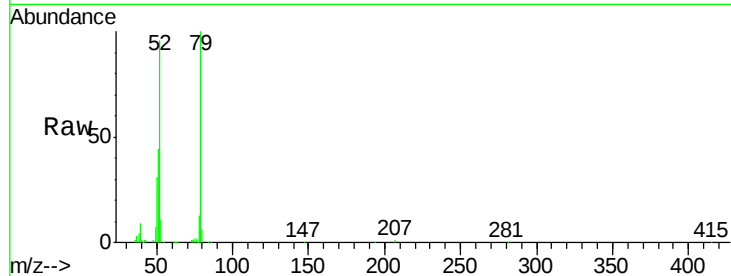
#3
 Pvridine
 Concen: 40.086 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.08 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	95.7	77.4	116.0		
51	44.1	35.3	52.9		

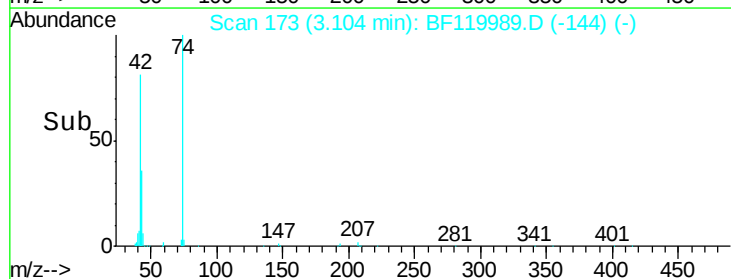
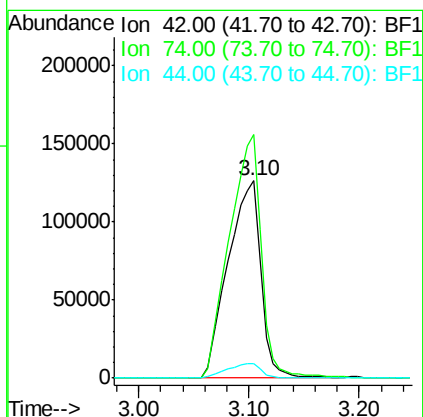
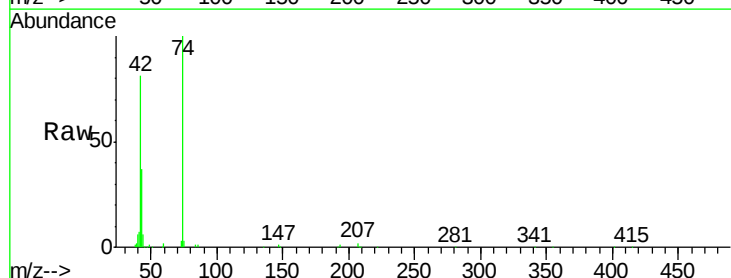
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:42 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.069 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.07 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	123.5	89.0	133.4		
44	7.5	6.2	9.4		





#5

2-Fluorophenol

Concen: 124.466 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

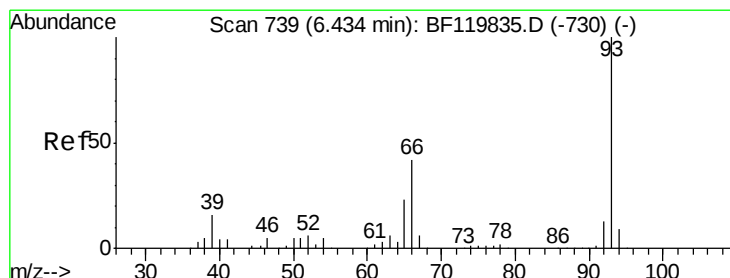
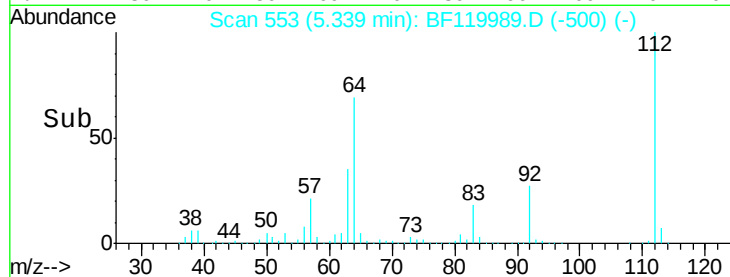
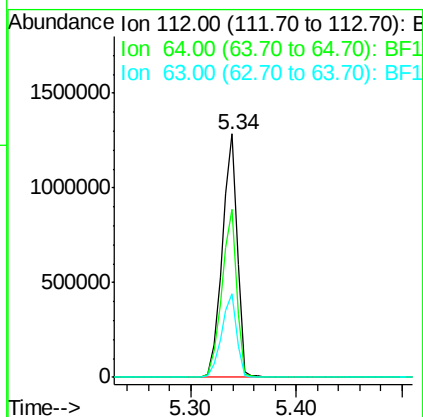
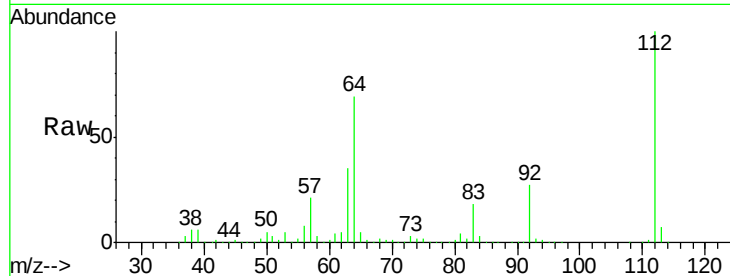
ClientSampleId :

PB128203BS

Tot Ion:	112	Resp:	1283928
Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	34.6	29.1	43.7

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



#6

Aniline

Concen: 33.970 ng

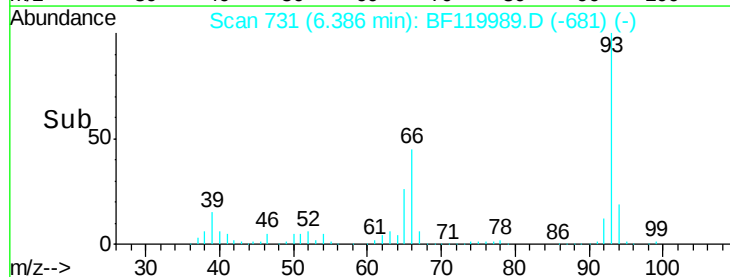
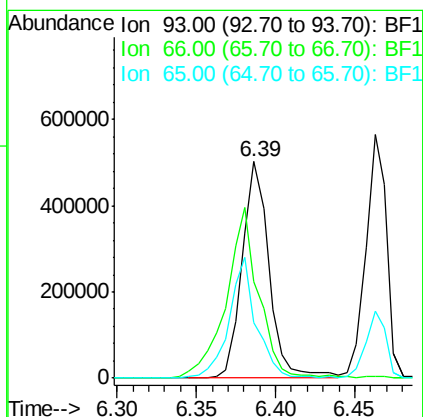
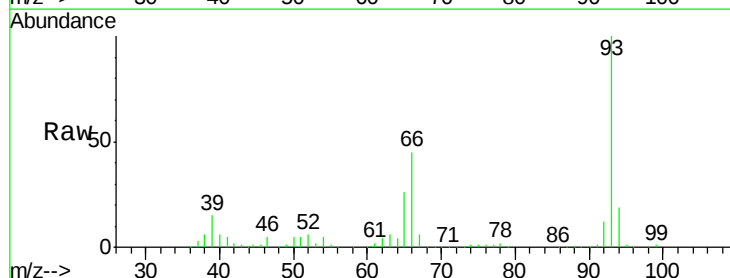
RT: 6.39 min Scan# 731

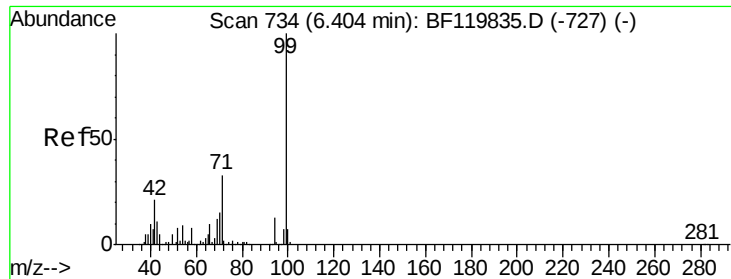
Delta R.T. -0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Tgt Ion:	93	Resp:	592644
Ion	Ratio	Lower	Upper
93	100		
66	44.8	34.2	51.2
65	25.9	18.3	27.5





#7

Phenol-d6

Concen: 122.193 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion: 99 Resp: 1624192

Ion Ratio Lower Upper

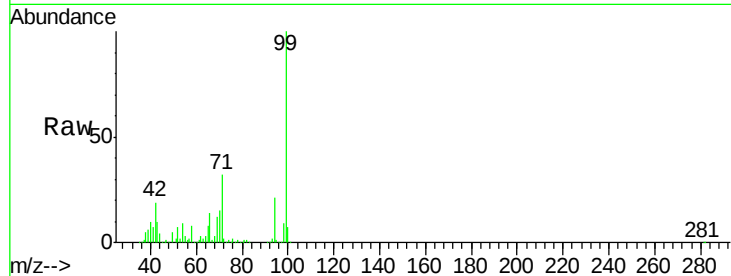
99 100

42 18.8 16.9 25.3

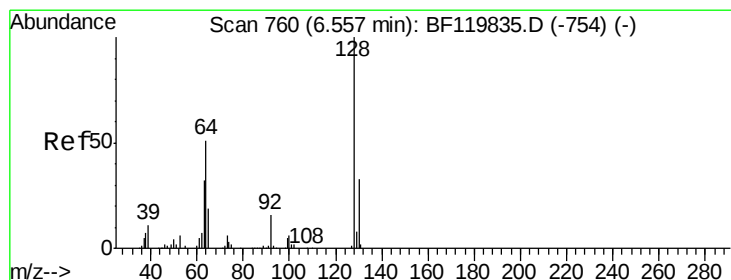
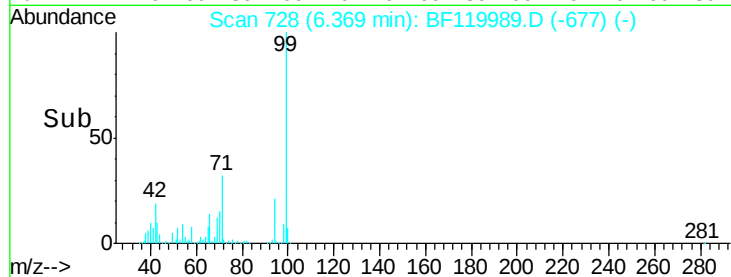
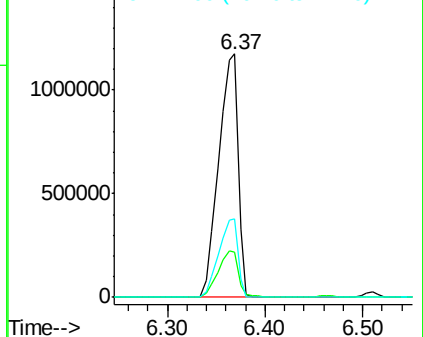
71 32.1 26.3 39.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



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: 46.800 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

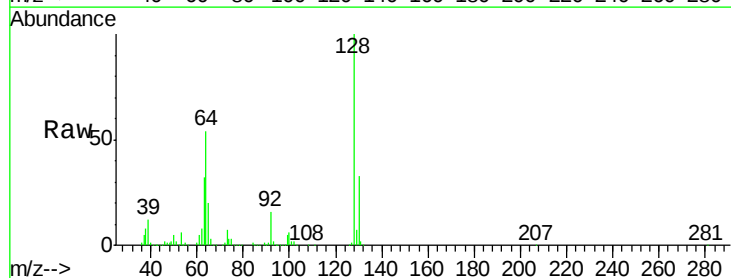
Tgt Ion: 128 Resp: 539412

Ion Ratio Lower Upper

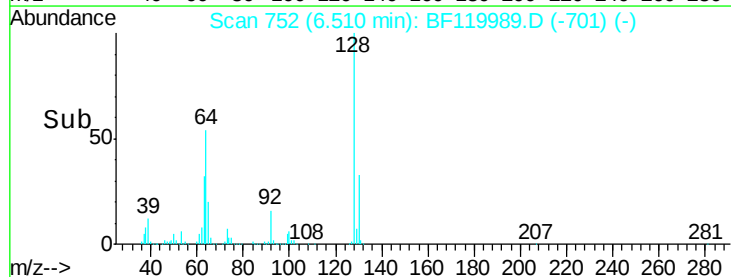
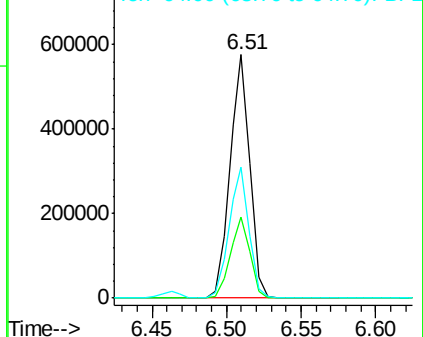
128 100

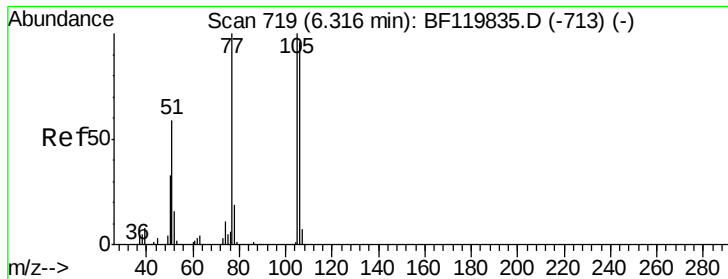
130 33.2 12.6 52.6

64 53.6 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: 30.618 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

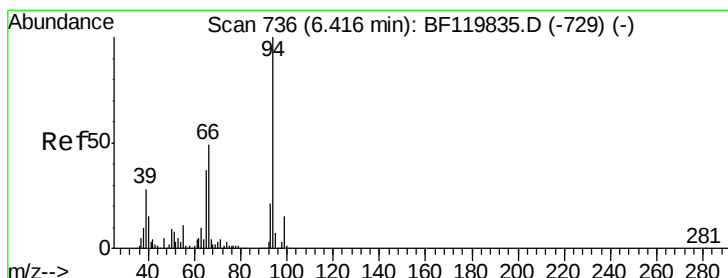
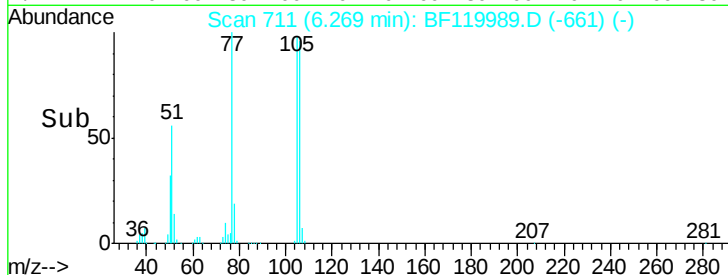
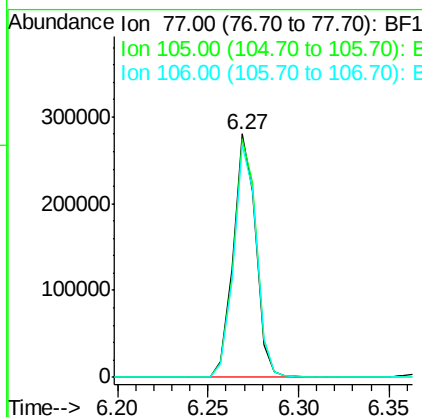
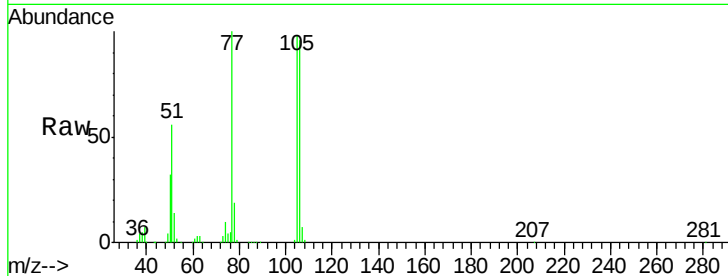
ClientSampleId :

PB128203BS

Tot Ion:	77	Resp:	241996
Ion	Ratio	Lower	Upper
77	100		
105	98.0	79.9	119.9
106	95.5	76.4	116.4

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



#10

Phenol

Concen: 45.078 ng

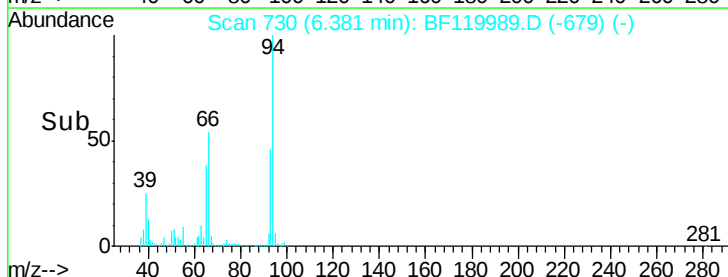
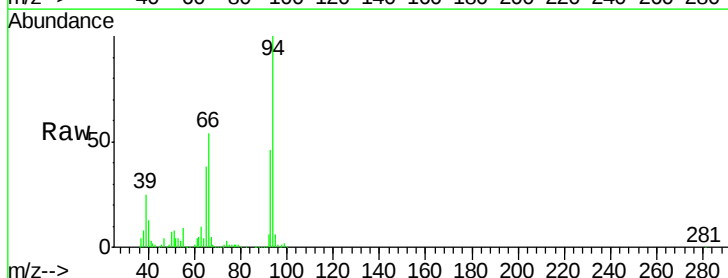
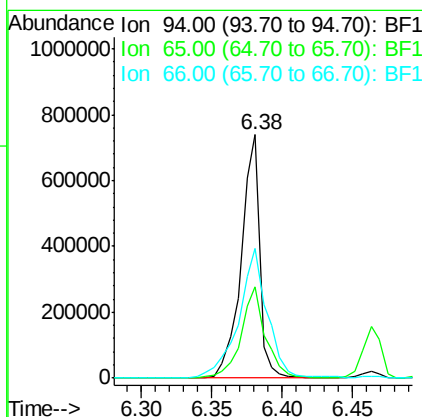
RT: 6.38 min Scan# 730

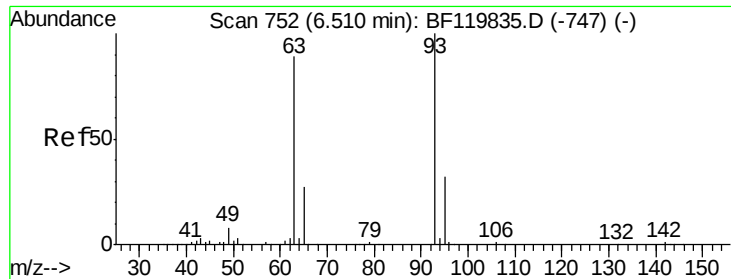
Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Tgt Ion:	94	Resp:	679763
Ion	Ratio	Lower	Upper
94	100		
65	37.7	16.6	56.6
66	53.5	29.3	69.3





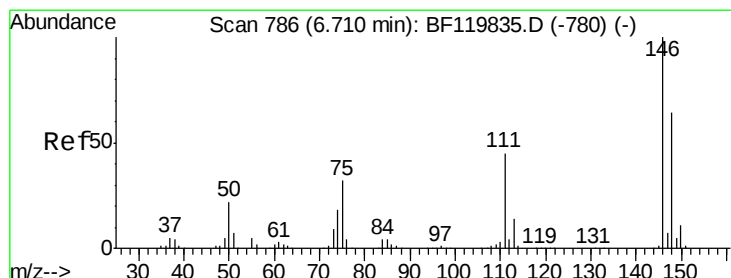
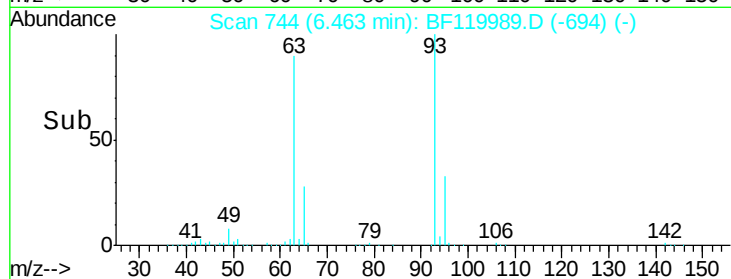
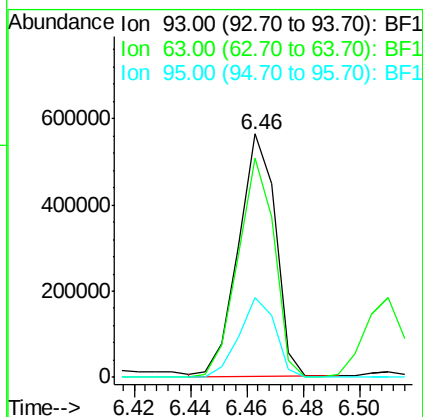
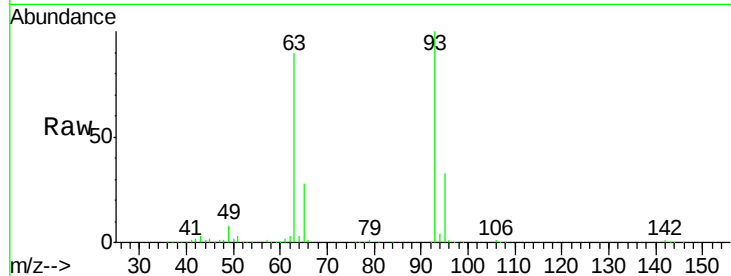
#11
bis(2-Chloroethyl)ether
Concen: 44.080 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion:	93	Resp:	513237
Ion Ratio	Lower	Upper	
93	100		
63	90.2	69.1	109.1
95	32.7	12.3	52.3

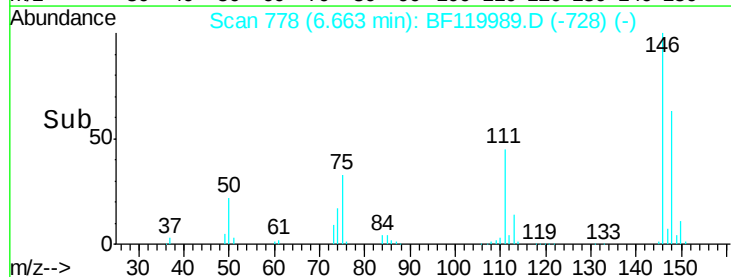
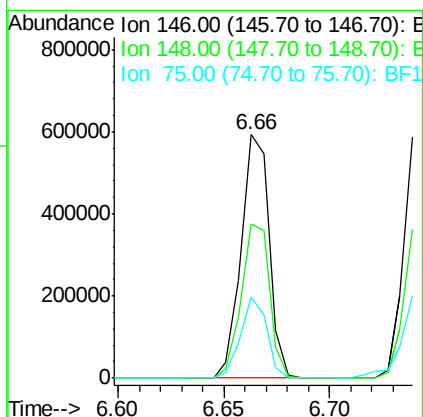
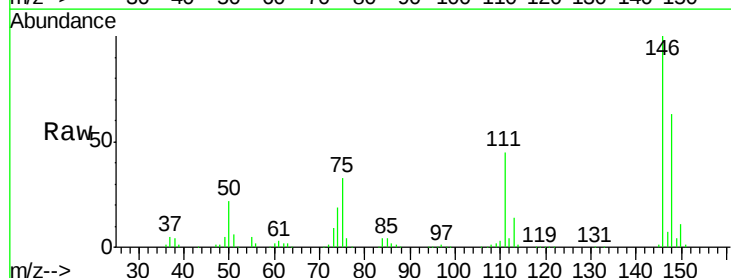
Manual Integrations
APPROVED

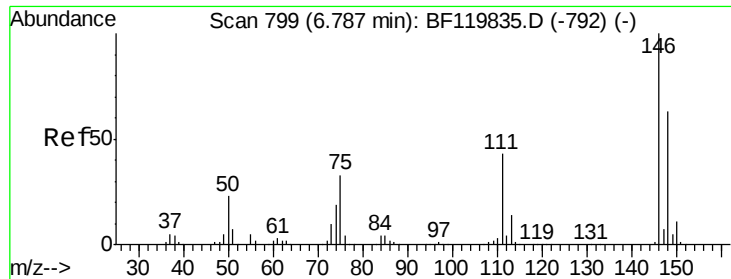
mohammad
4/16/2020 12:52:42 PM



#12
1,3-Dichlorobenzene
Concen: 43.110 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion:	146	Resp:	543981
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.3	76.9
75	33.2	25.3	37.9





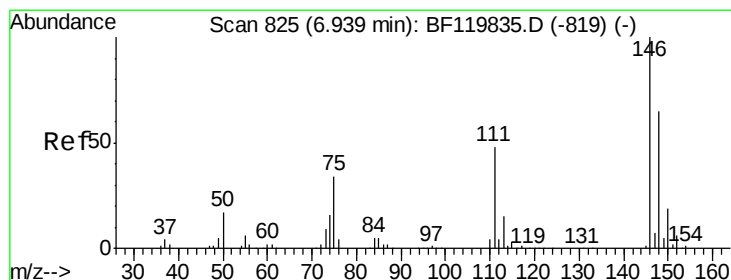
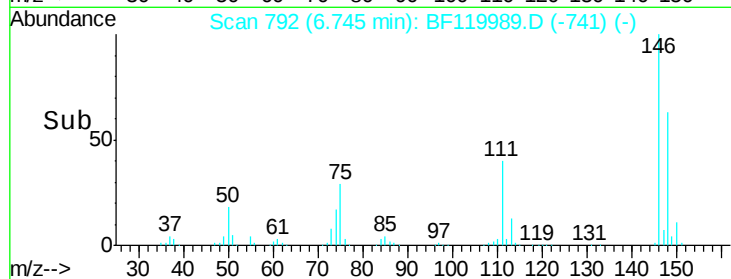
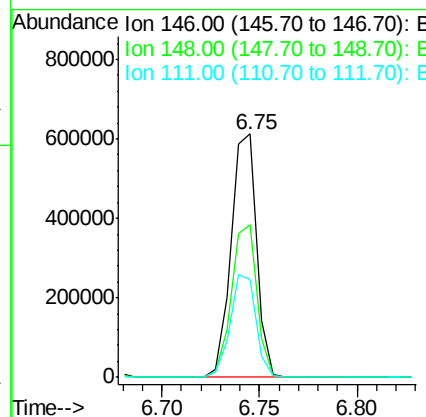
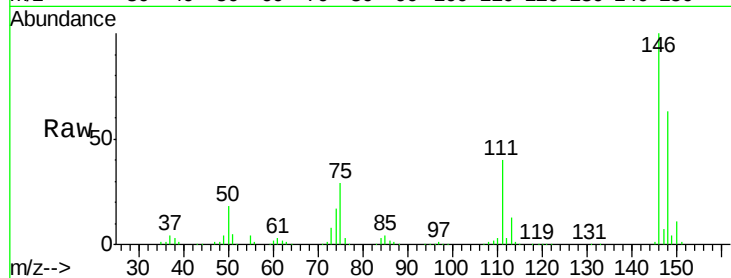
#13
1,4-Dichlorobenzene
Concen: 43.254 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
111	40.4	34.7	52.1

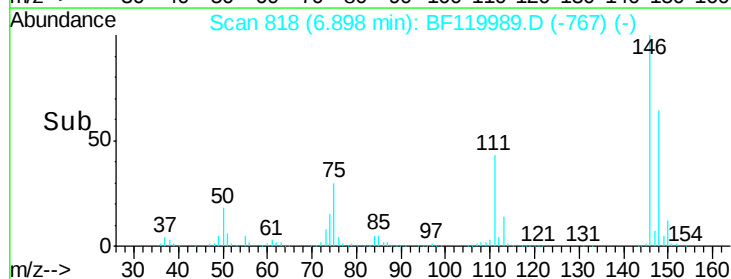
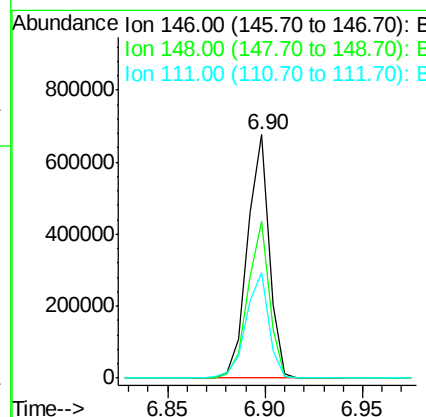
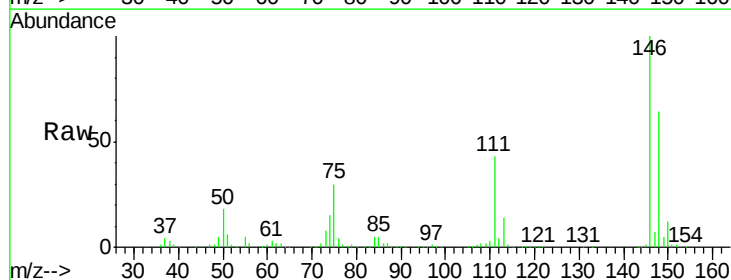
Manual Integrations
APPROVED

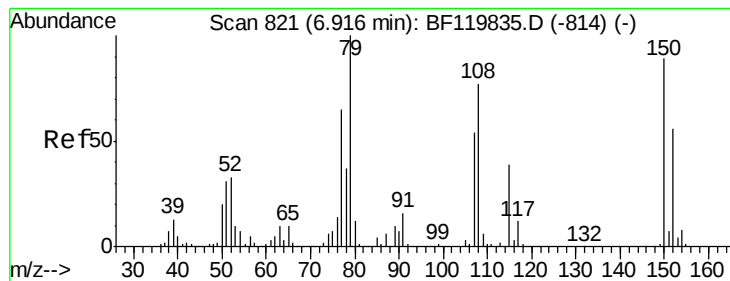
mohammad
4/16/2020 12:52:42 PM



#14
1,2-Dichlorobenzene
Concen: 43.871 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
111	43.3	38.0	57.0





#15

Benzyl Alcohol

Concen: 42.174 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleID :

PB128203BS

Tot Ion: 79 Resp: 435398

Ion Ratio Lower Upper

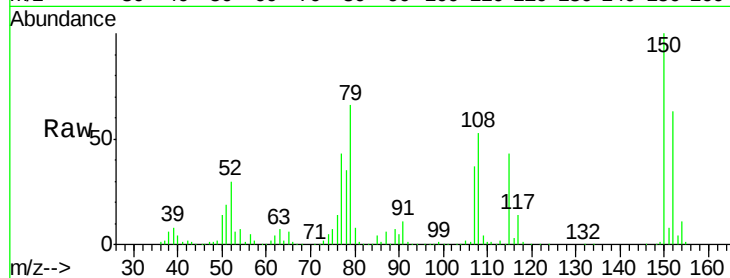
79 100

108 80.3 62.0 93.0

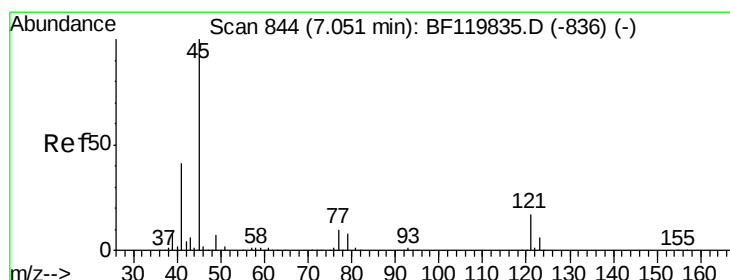
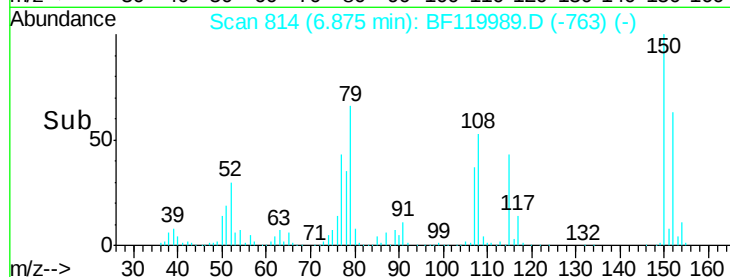
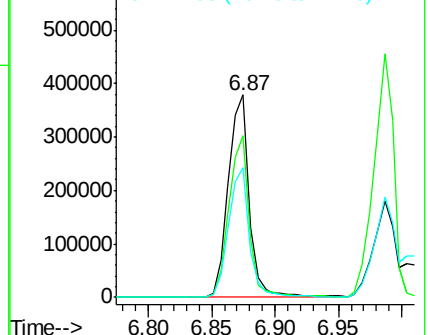
77 64.3 51.8 77.6

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.061 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

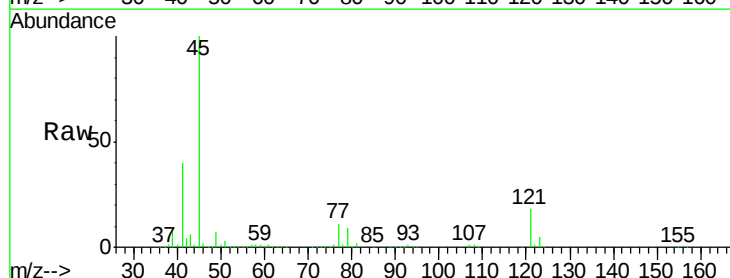
Tgt Ion: 45 Resp: 907676

Ion Ratio Lower Upper

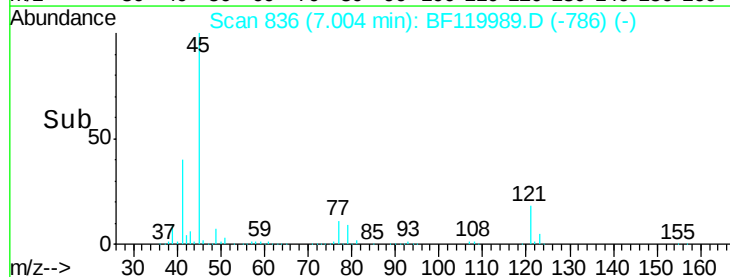
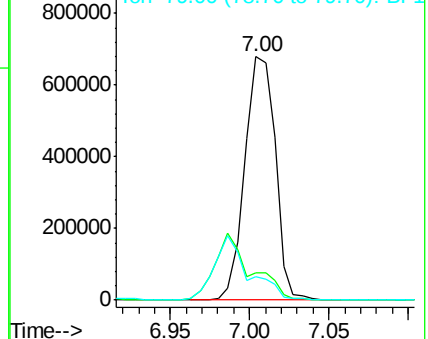
45 100

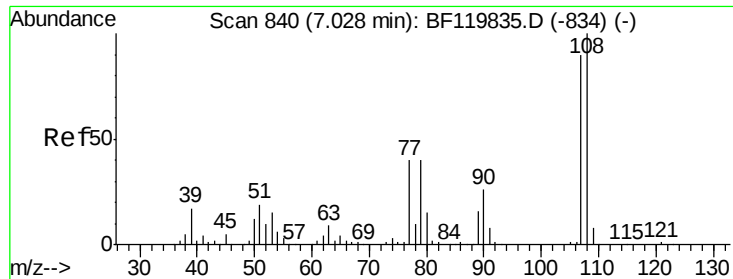
77 11.3 0.0 30.7

79 9.4 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





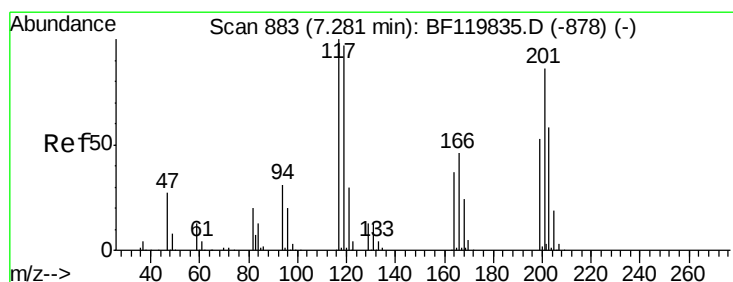
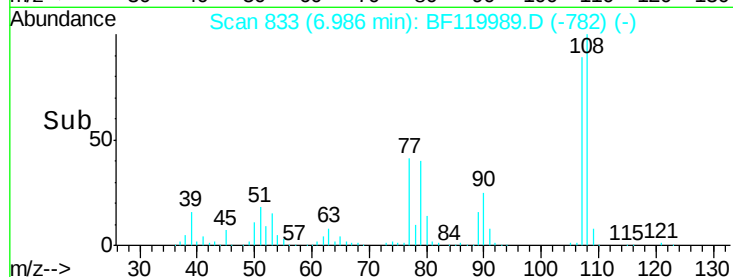
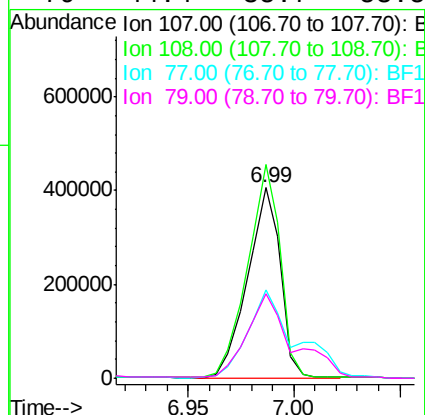
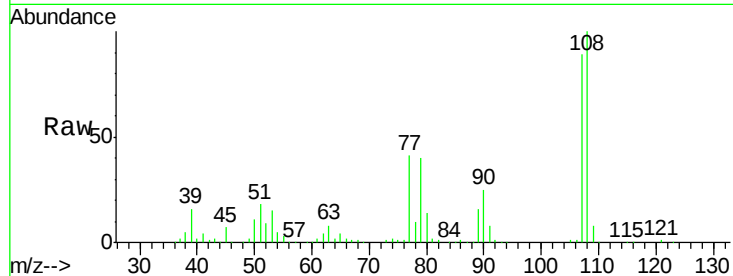
#17
2-Methylphenol
Concen: 42.311 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion:	107	Resp:	435204
Ion Ratio	Lower	Upper	
107	100		
108	112.2	88.8	133.2
77	46.5	36.0	54.0
79	44.4	35.7	53.5

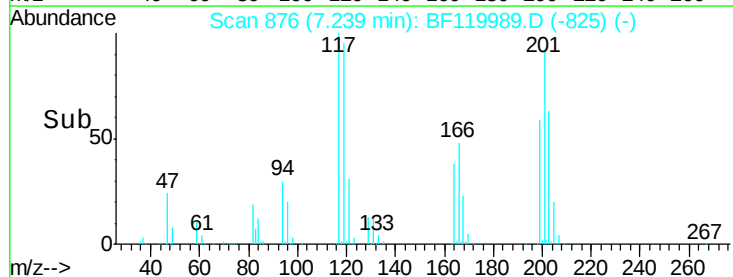
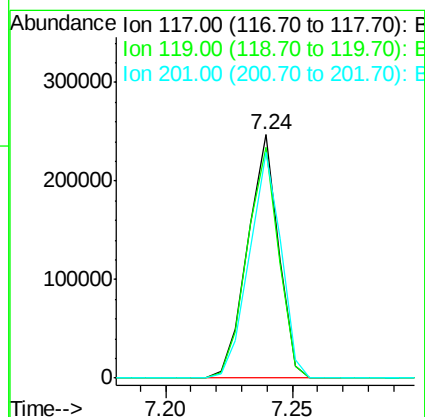
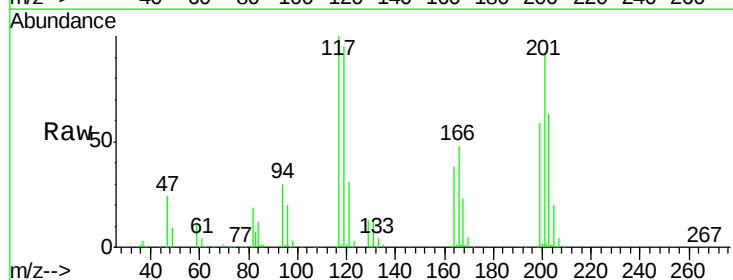
Manual Integrations
APPROVED

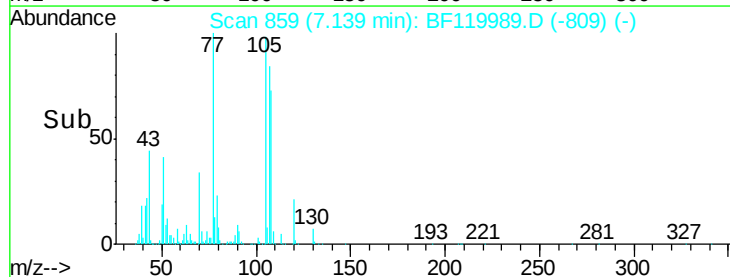
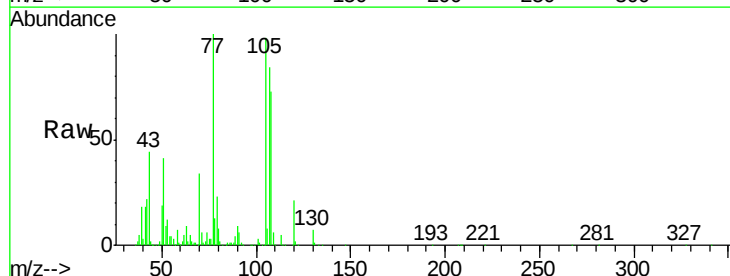
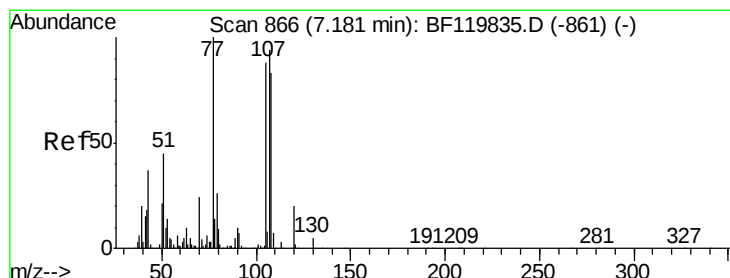
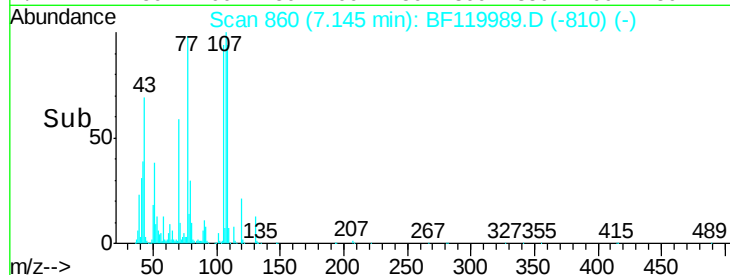
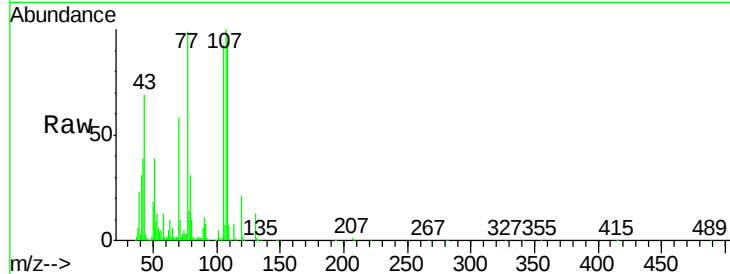
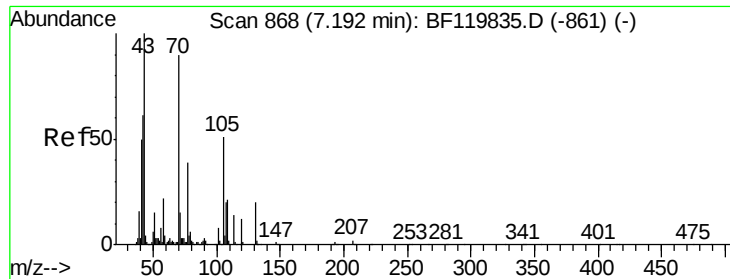
mohammad
4/16/2020 12:52:42 PM



#18
Hexachloroethane
Concen: 43.682 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

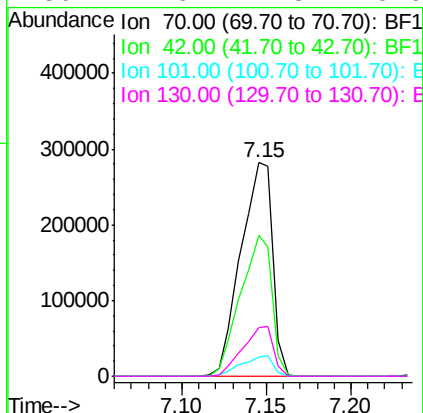
Tgt Ion:	117	Resp:	209841
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.4	116.0
201	92.5	68.4	102.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.376 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.0	54.2	81.4	
101	9.3	7.4	11.2	
130	22.6	17.8	26.6	



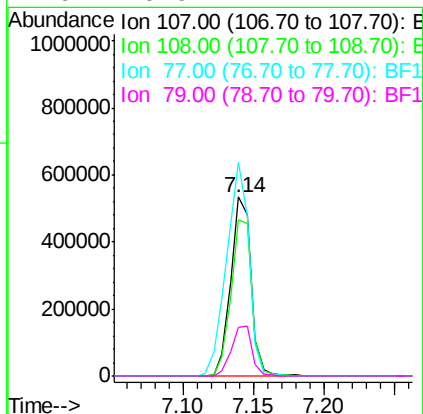
Instrument :
BNA_F
ClientSampleId :
PB128203BS

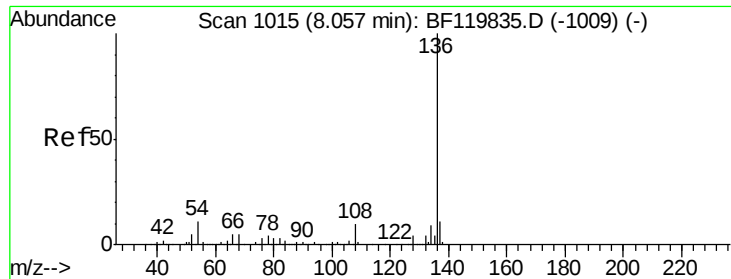
Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM

#20
3+4-Methylphenols
Concen: 42.349 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	68.2	108.2	
77	119.4	86.6	126.6	
79	26.9	7.7	47.7	





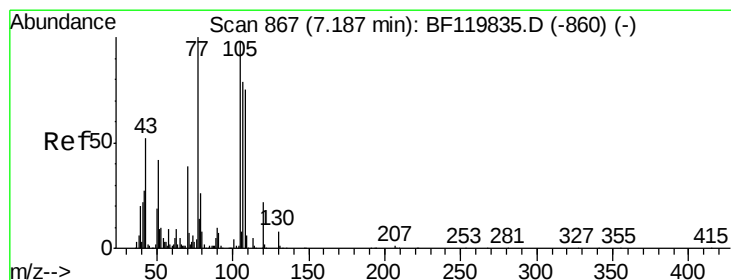
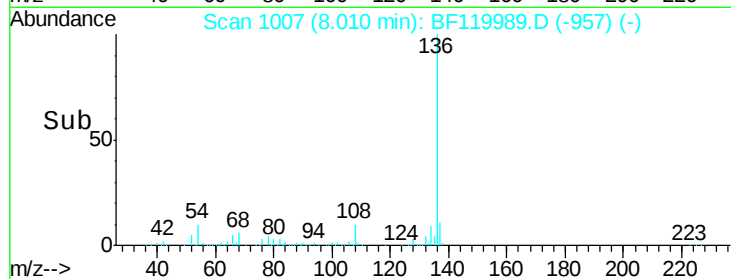
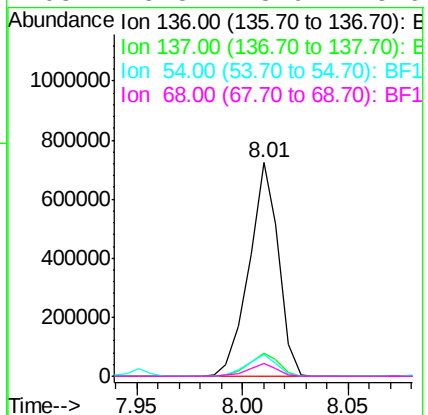
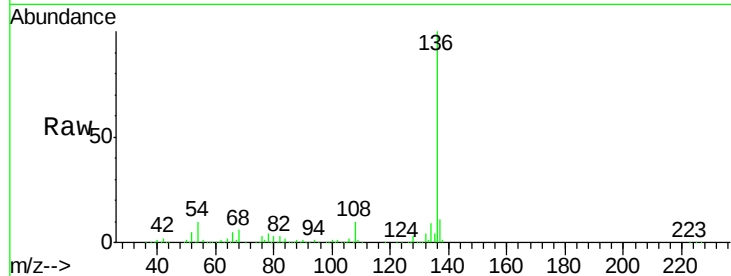
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		698050		
137	11.0	8.7	13.1		
54	10.2	8.5	12.7		
68	5.8	3.9	5.9		

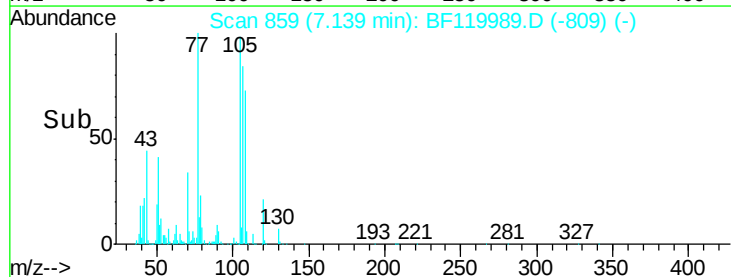
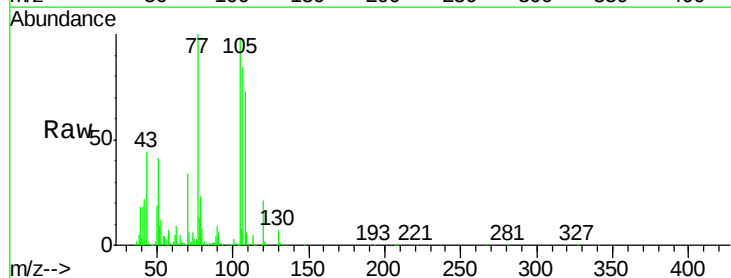
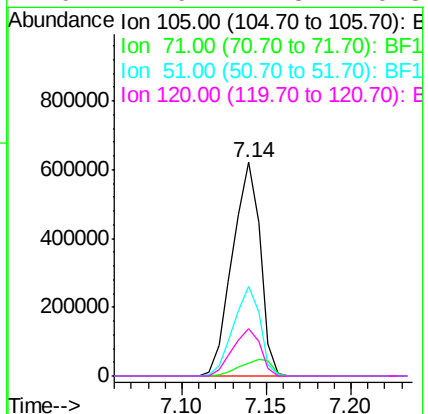
Manual Integrations
APPROVED

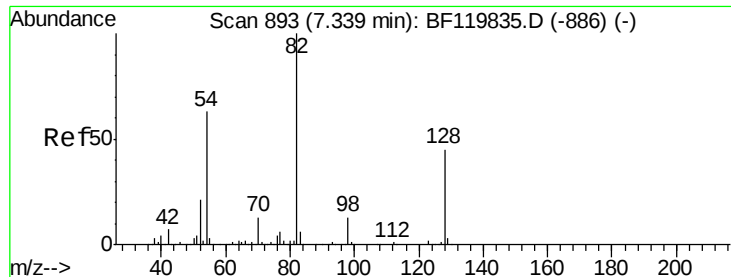
mohammad
4/16/2020 12:52:42 PM



#22
Acetophenone
Concen: 43.427 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		709857		
71	5.7	5.6	8.4		
51	41.8	33.9	50.9		
120	21.9	17.8	26.8		





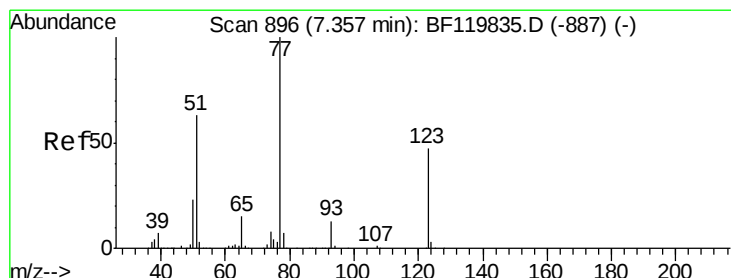
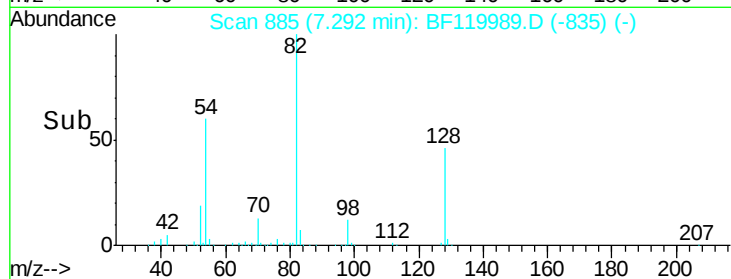
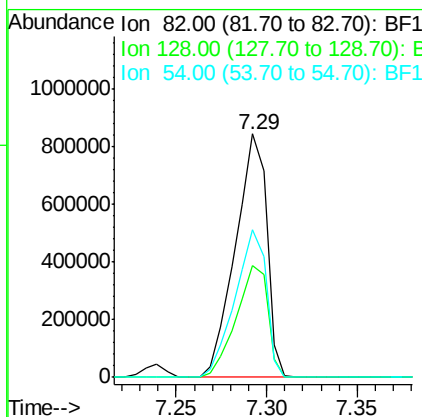
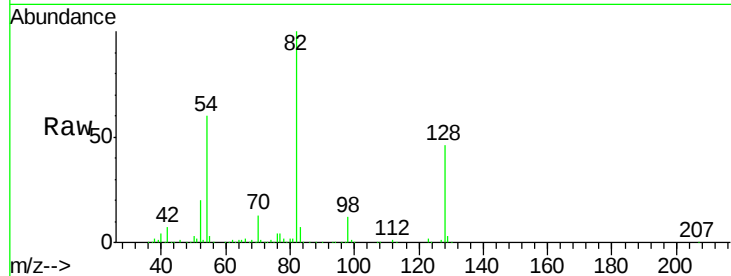
#23
 Nitrobenzene-d5
 Concen: 75.239 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion	82	Resp	1015211
Ion Ratio	100	Lower	Upper
82	100		
128	45.9	36.2	54.4
54	60.4	50.4	75.6

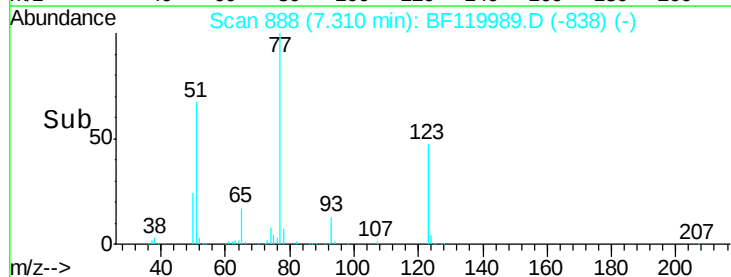
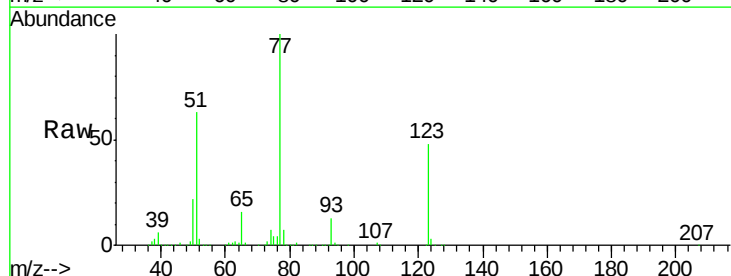
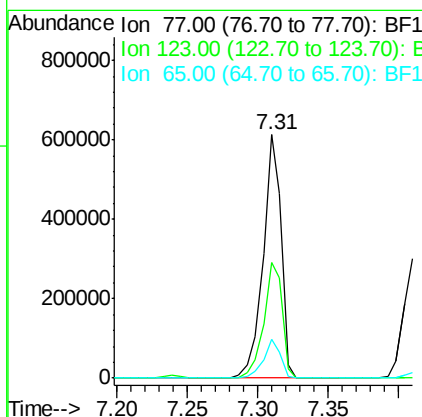
Manual Integrations
 APPROVED

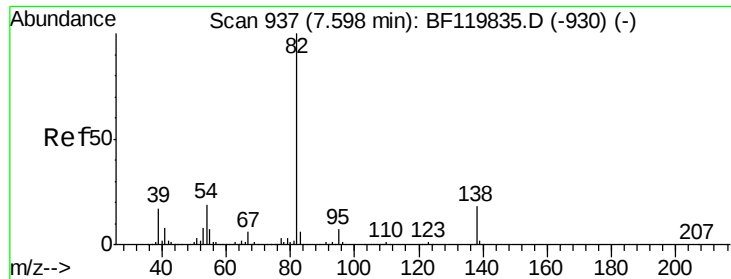
mohammad
 4/16/2020 12:52:42 PM



#24
 Nitrobenzene
 Concen: 40.950 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion	77	Resp	555842
Ion Ratio	100	Lower	Upper
77	100		
123	47.7	37.8	56.8
65	15.9	12.2	18.2





#25

Isophorone

Concen: 40.056 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion: 82 Resp: 1041878

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

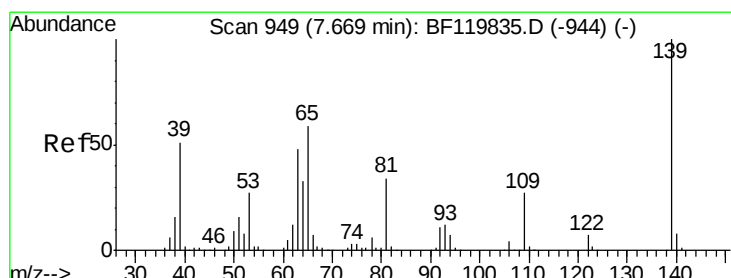
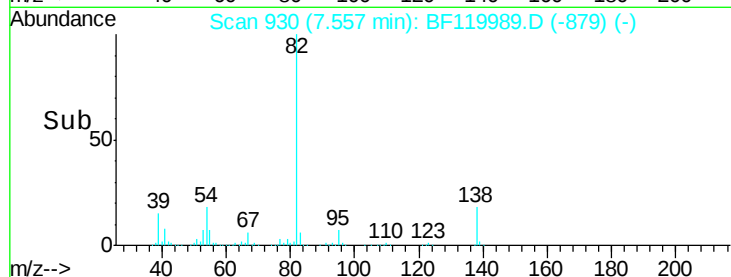
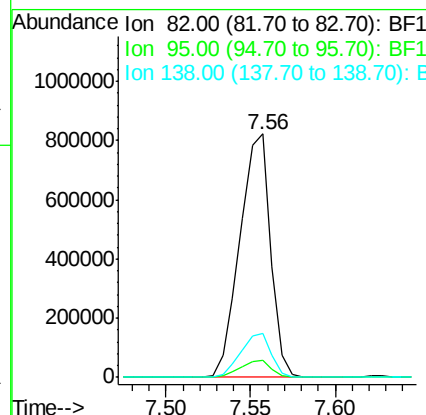
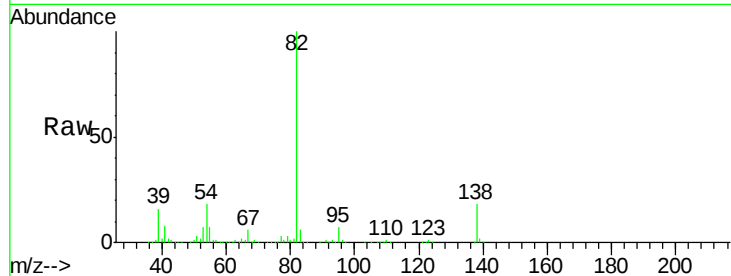
138 18.0 14.5 21.7

Manual Integrations

APPROVED

mohammad

4/16/2020 12:52:42 PM



#26

2-Nitrophenol

Concen: 43.129 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

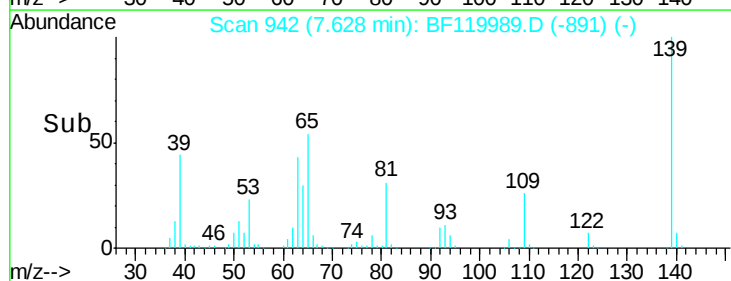
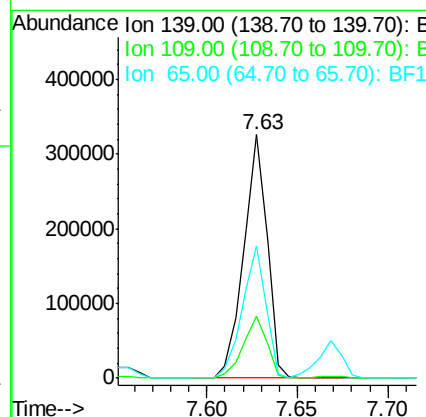
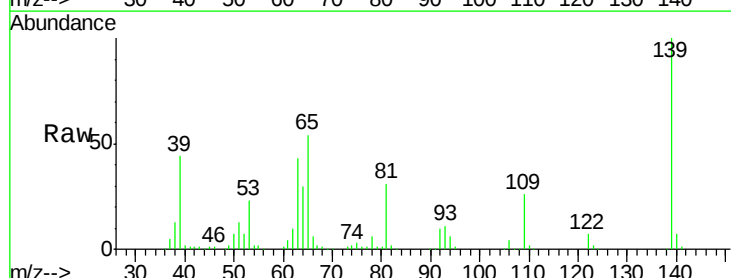
Tgt Ion: 139 Resp: 292478

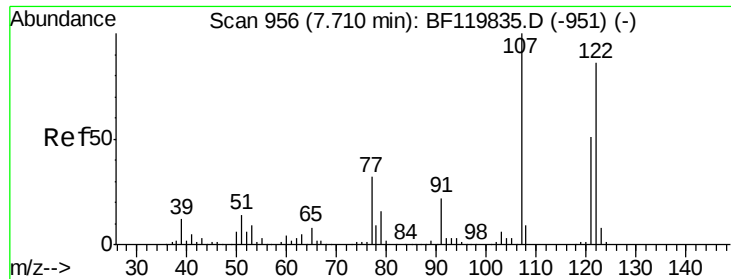
Ion Ratio Lower Upper

139 100

109 25.6 21.8 32.6

65 54.1 47.0 70.4





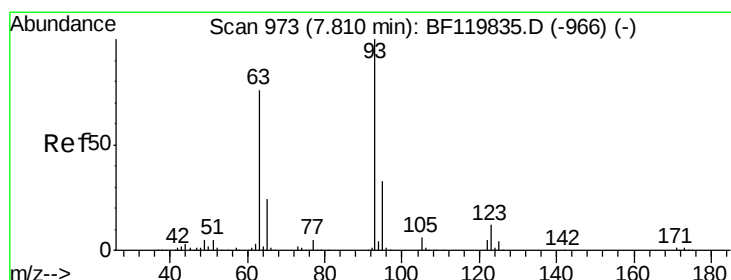
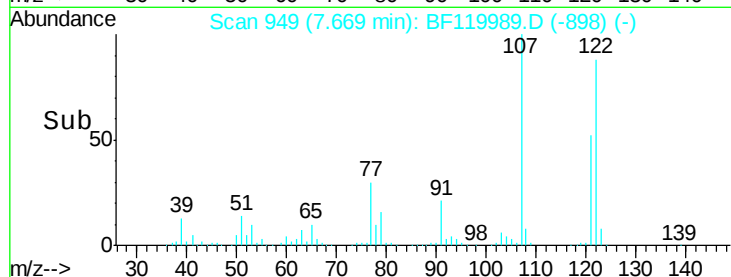
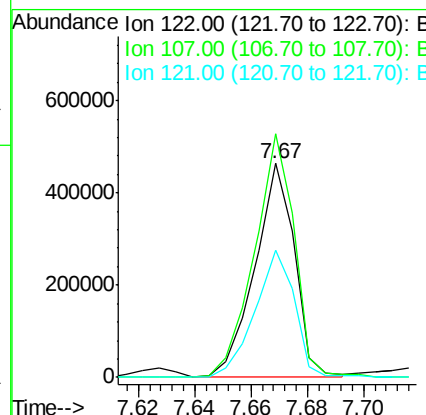
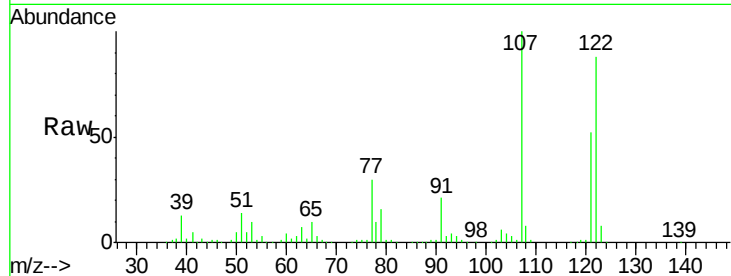
#27
 2,4-Dimethylphenol
 Concen: 44.009 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	92.3	138.5
121	59.5	46.6	70.0

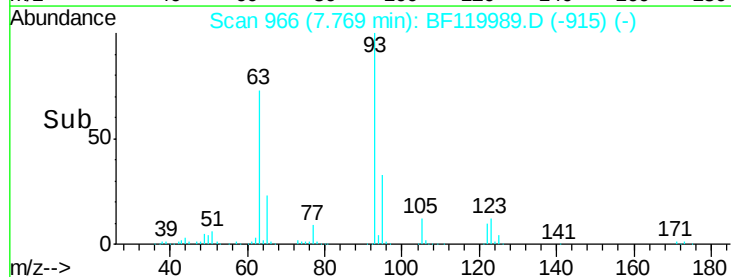
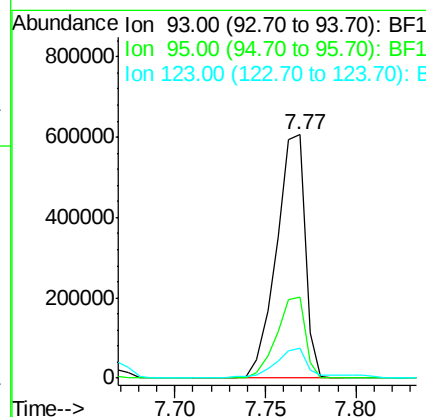
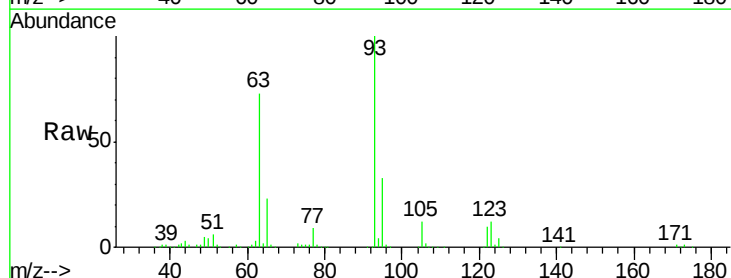
Manual Integrations
 APPROVED

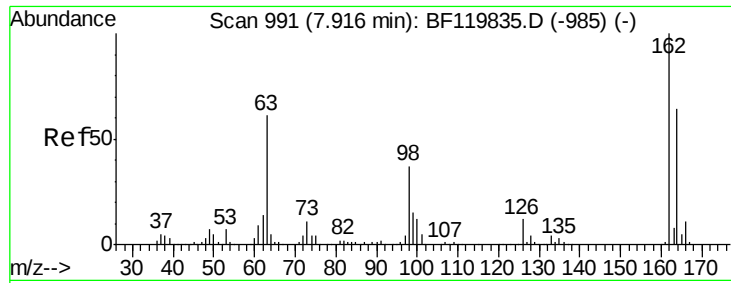
mohammad
 4/16/2020 12:52:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.592 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.3	9.7	14.5





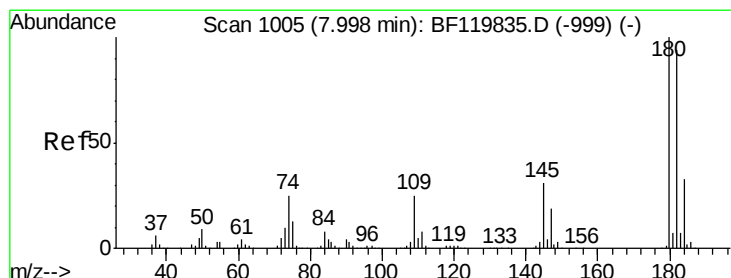
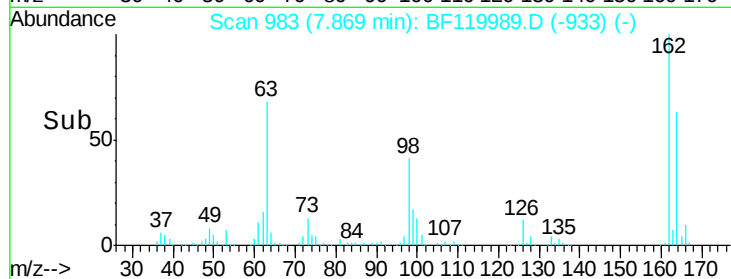
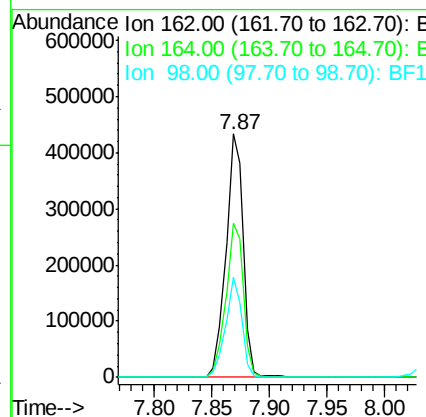
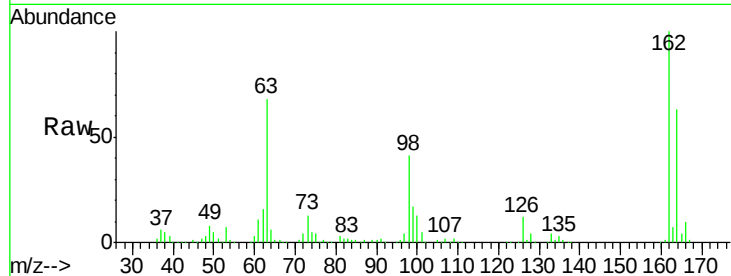
#29
2,4-Dichlorophenol
Concen: 42.902 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion:	162	Resp:	449766
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.4	84.4
98	40.9	17.3	57.3

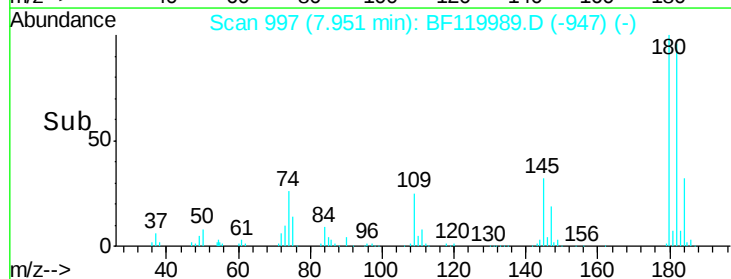
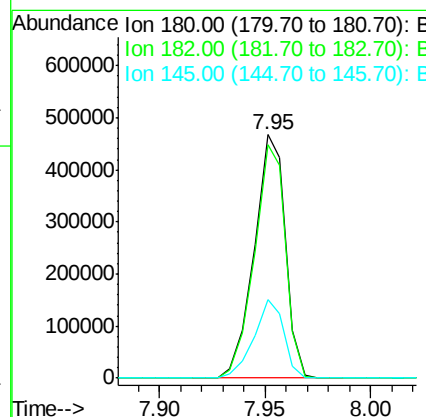
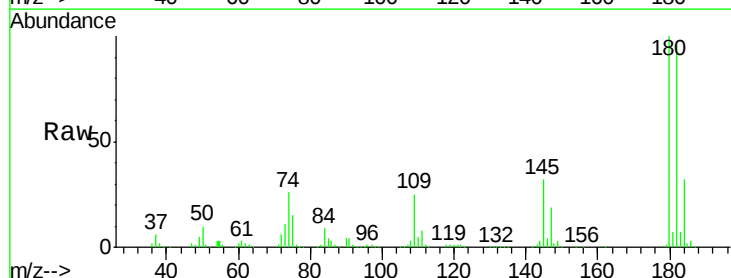
Manual Integrations
APPROVED

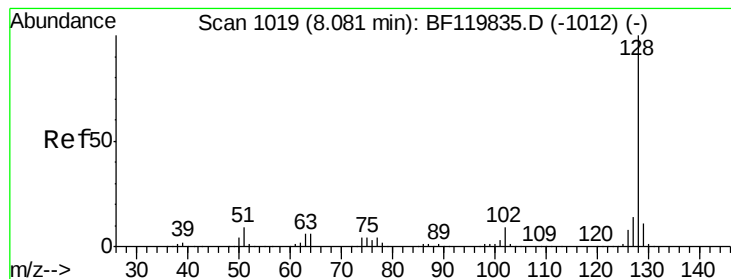
mohammad
4/16/2020 12:52:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.328 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion:	180	Resp:	479049
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.4	113.0
145	32.2	24.6	37.0





#31

Naphthalene

Concen: 41.887 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:128 Resp: 1538352

Ion Ratio Lower Upper

128 100

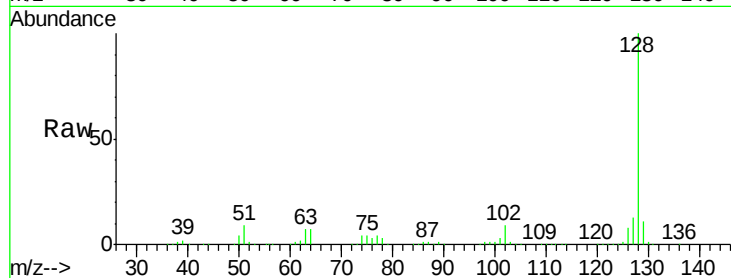
129 11.4 9.0 13.6

127 13.4 11.0 16.4

Manual Integrations
APPROVED

mohammad

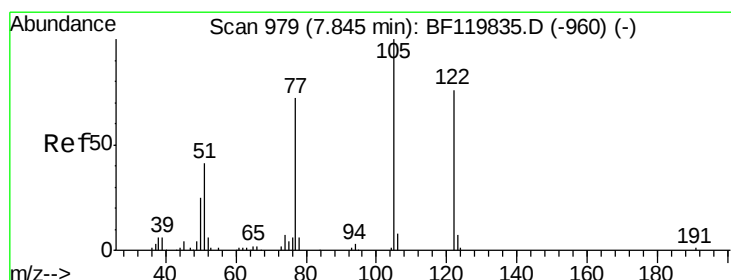
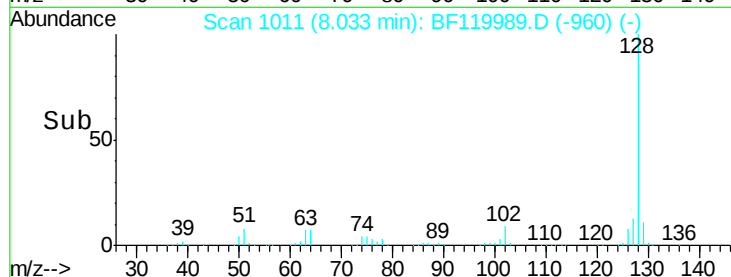
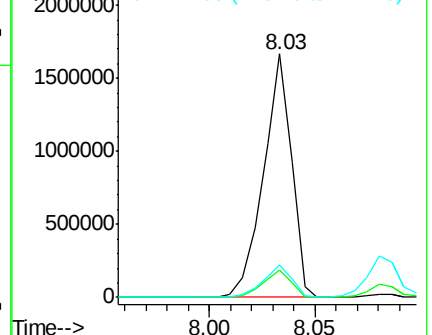
4/16/2020 12:52:42 PM



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: 39.076 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

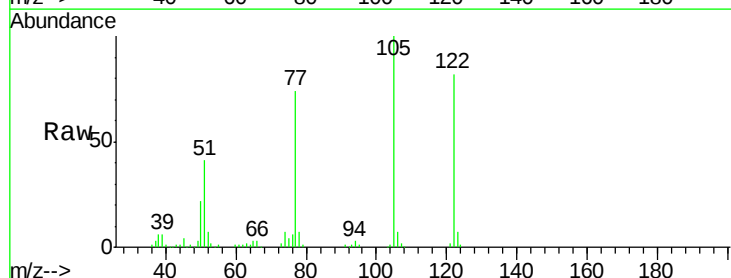
Tgt Ion:122 Resp: 350995

Ion Ratio Lower Upper

122 100

105 121.9 106.7 146.7

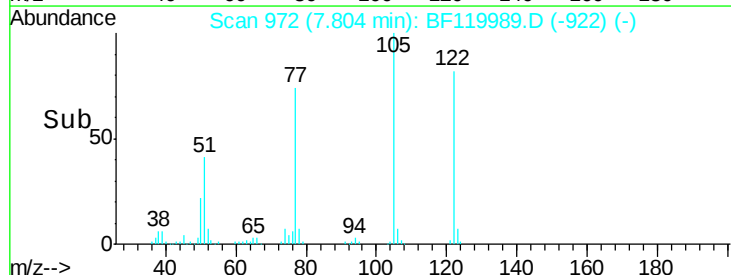
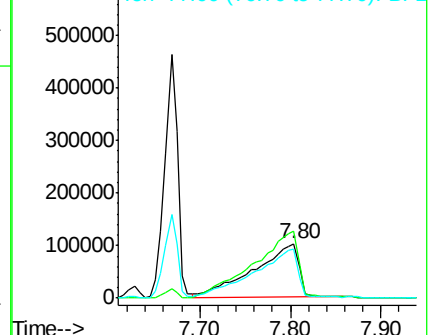
77 90.3 72.1 112.1



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





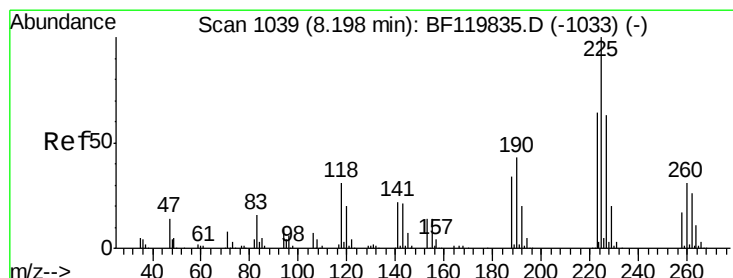
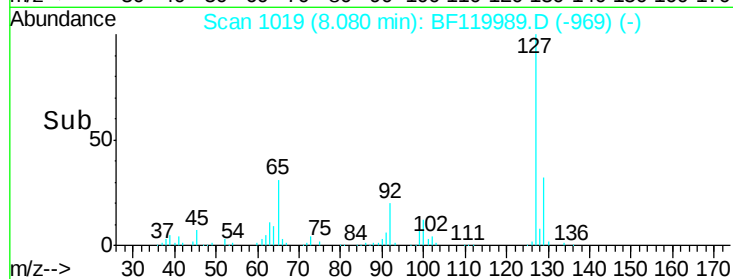
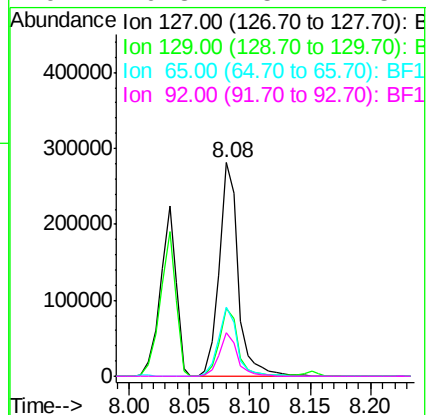
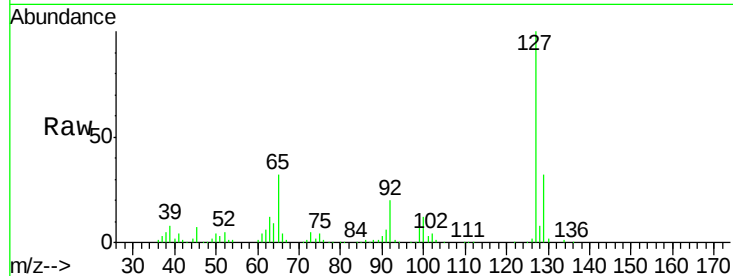
#33
4-Chloroaniline
Concen: 18.861 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.2	39.2		
65	32.1	28.3	42.5		
92	20.3	15.4	23.2		

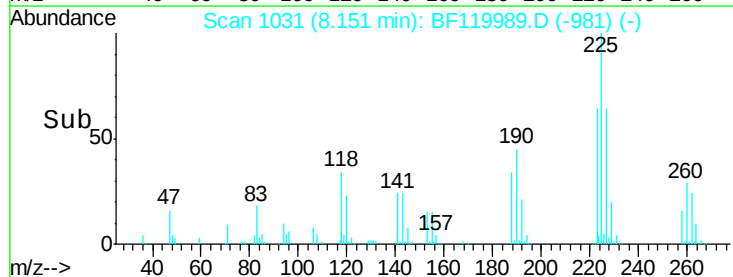
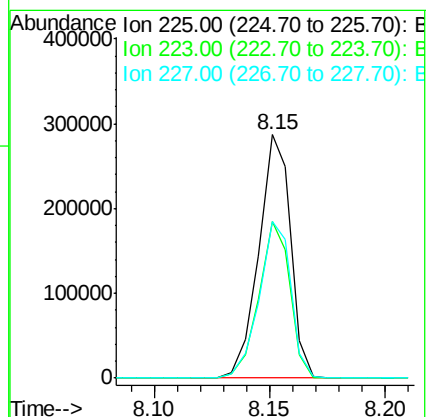
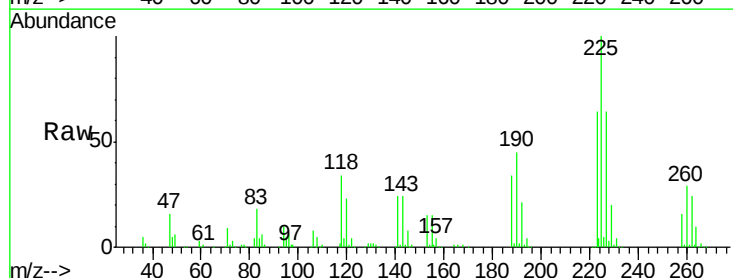
Manual Integrations
APPROVED

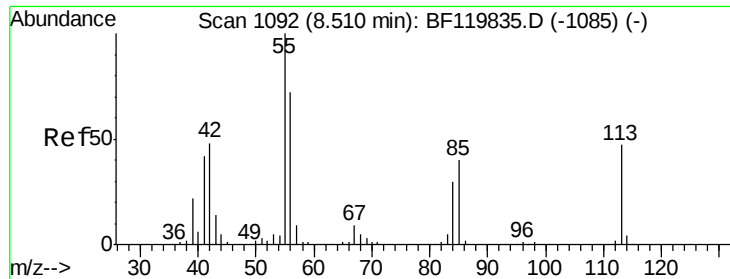
mohammad
4/16/2020 12:52:42 PM



#34
Hexachlorobutadiene
Concen: 38.736 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.0	76.6		
227	64.5	50.4	75.6		





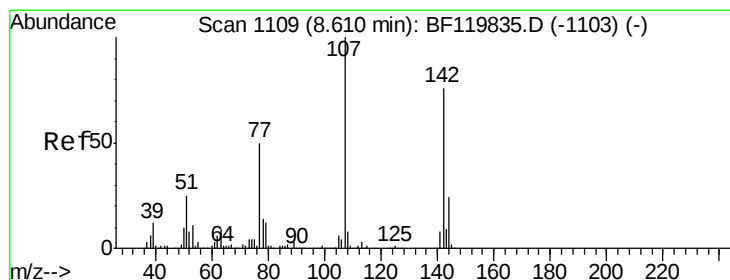
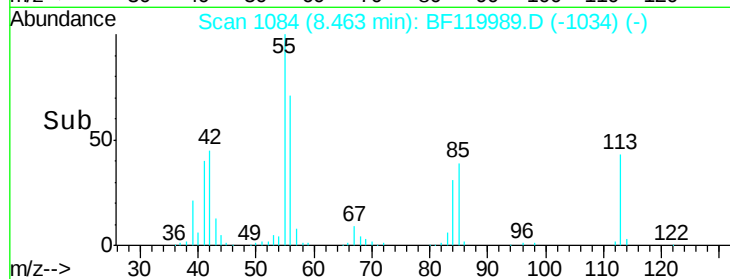
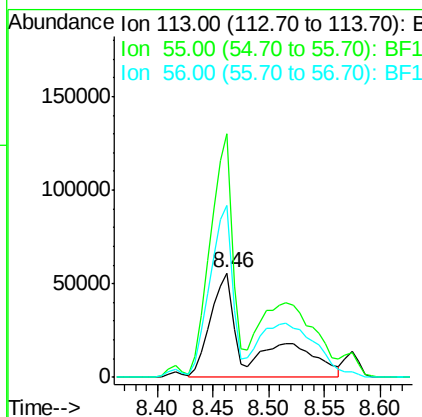
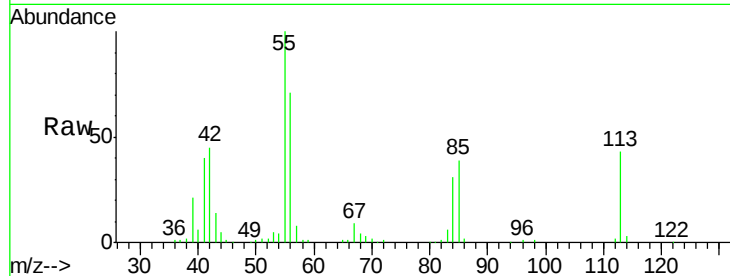
#35
Caprolactam
Concen: 44.368 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.0	192.7	232.7#
56	164.9	133.3	173.3

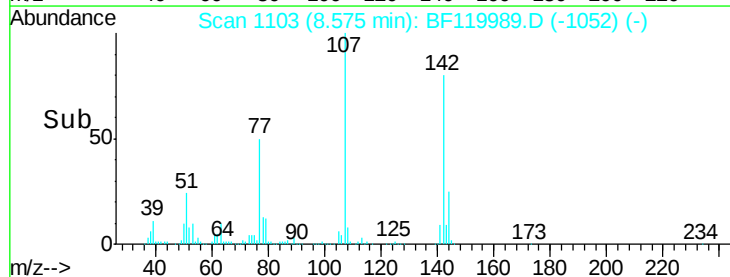
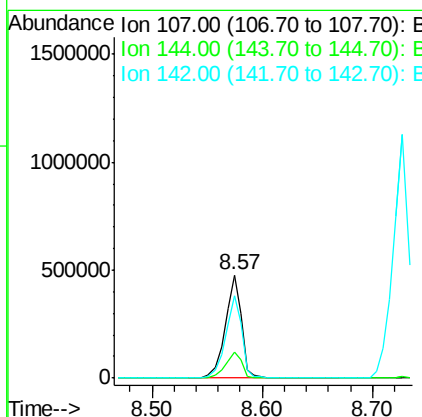
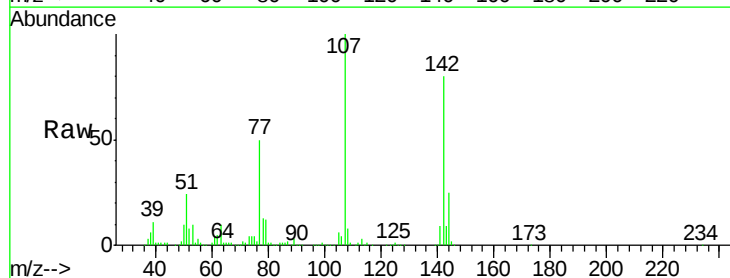
Manual Integrations
APPROVED

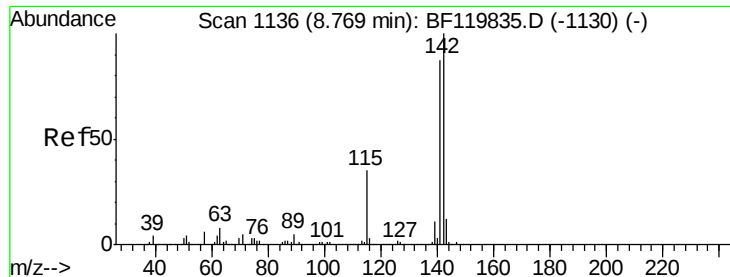
mohammad
4/16/2020 12:52:42 PM



#36
4-Chloro-3-methylphenol
Concen: 43.107 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.5	29.3
142	79.5	60.5	90.7





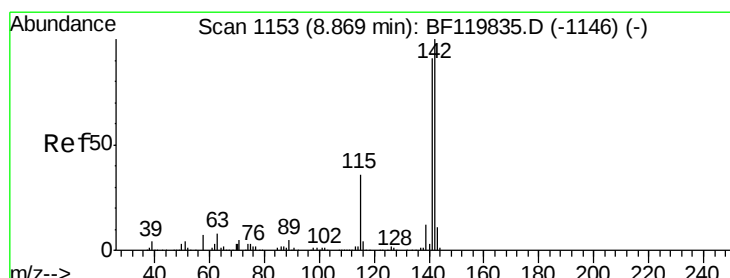
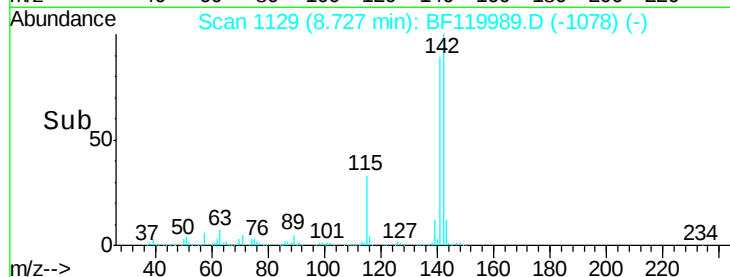
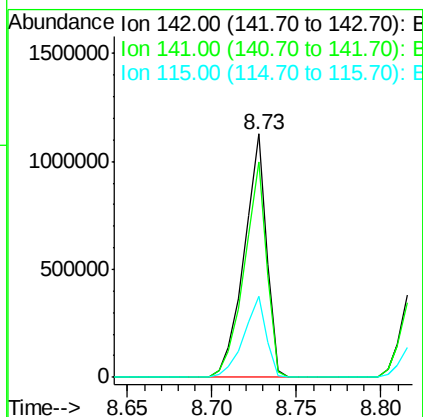
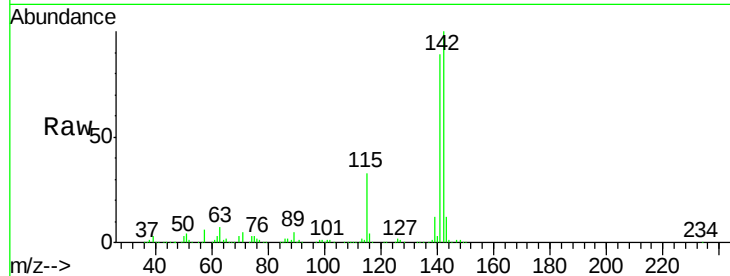
#37
2-Methylnaphthalene
Concen: 42.161 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampled :
PB128203BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.9	104.9
115	33.1	28.0	42.0

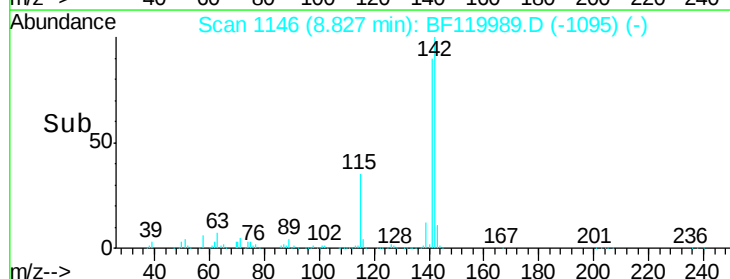
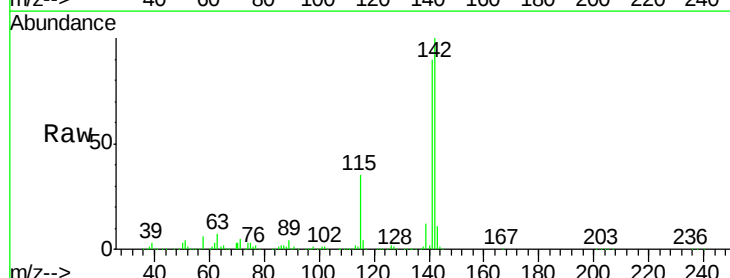
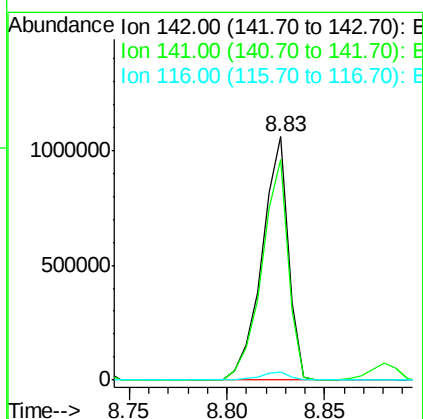
Manual Integrations
APPROVED

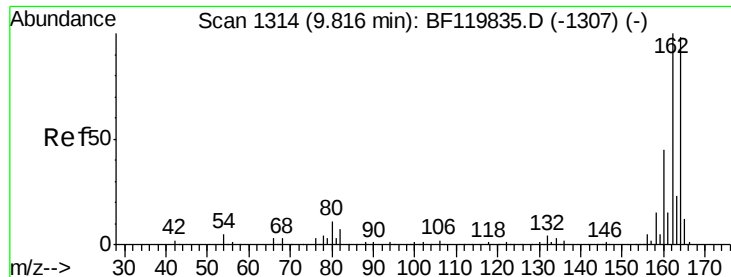
mohammad
4/16/2020 12:52:42 PM



#38
1-Methylnaphthalene
Concen: 42.131 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.9	109.3
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:164 Resp: 368279

Ion Ratio Lower Upper

164 100

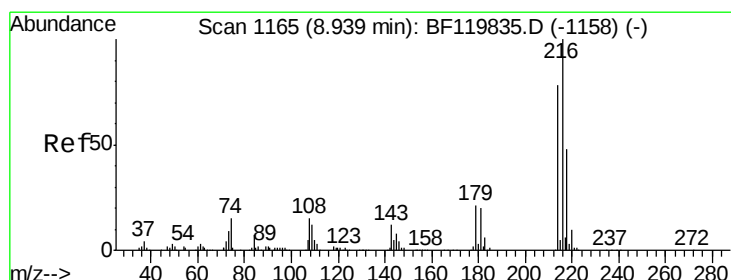
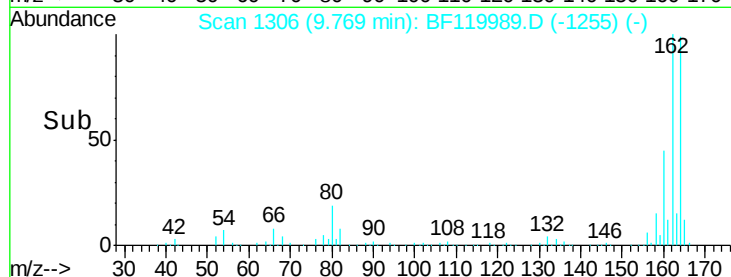
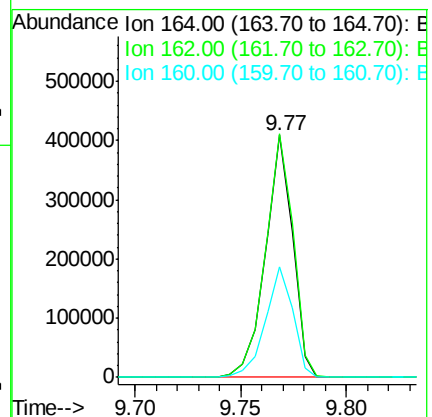
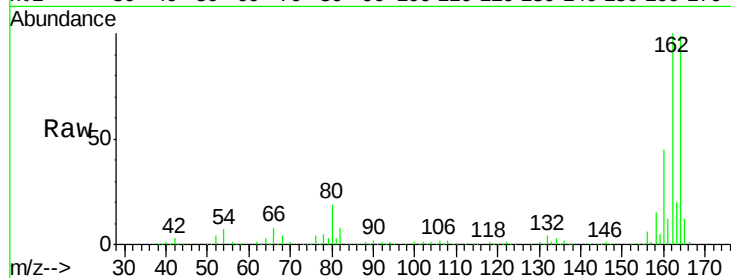
162 100.7 81.9 122.9

160 45.7 36.6 54.8

Manual Integrations
APPROVED

mohammad

4/16/2020 12:52:42 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.886 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Tgt Ion:216 Resp: 463943

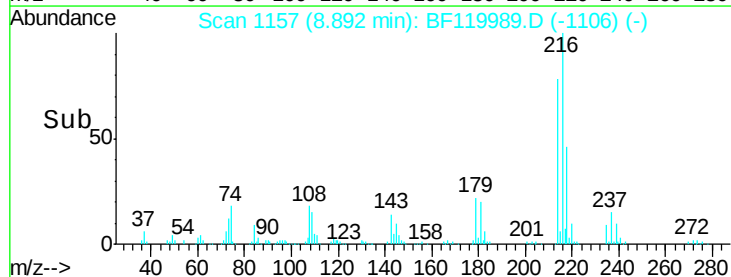
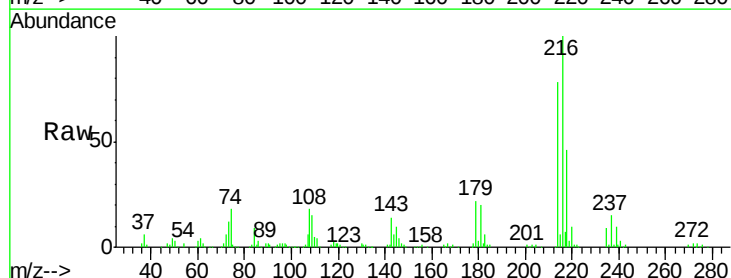
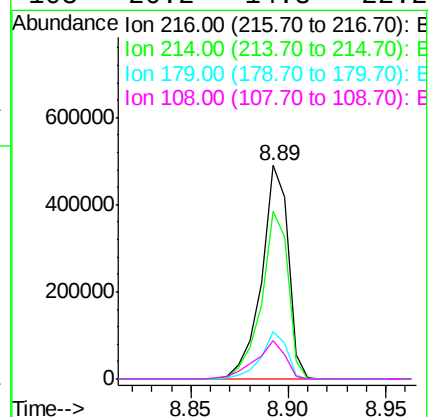
Ion Ratio Lower Upper

216 100

214 78.0 63.1 94.7

179 21.0 17.0 25.4

108 20.2 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 85.012 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

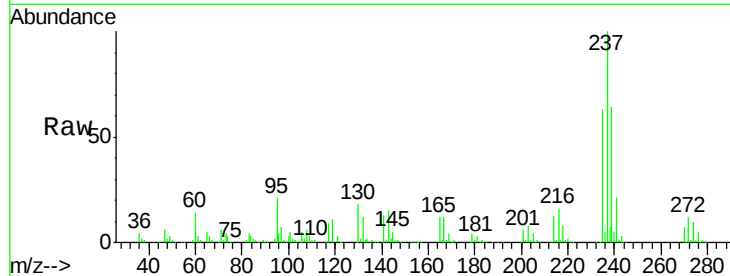
ClientSampleId :

PB128203BS

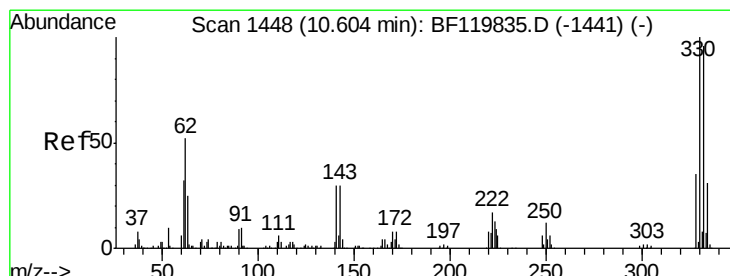
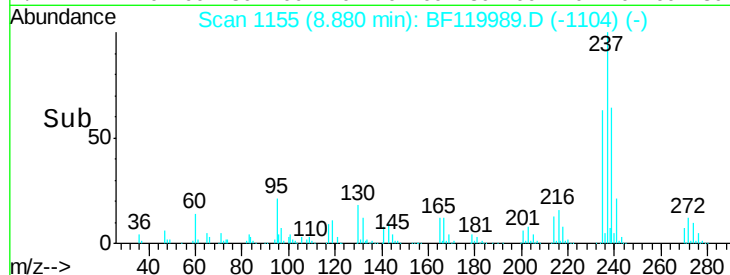
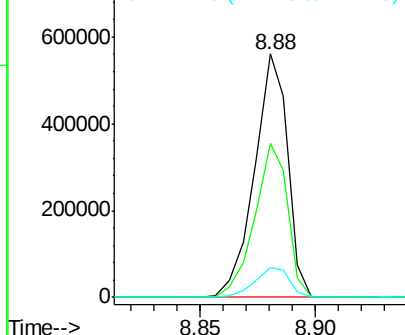
Tot Ion:	237	Resp:	562297
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.9	84.9
272	12.4	0.0	33.6

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



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



#42

2,4,6-Tribromophenol

Concen: 99.176 ng

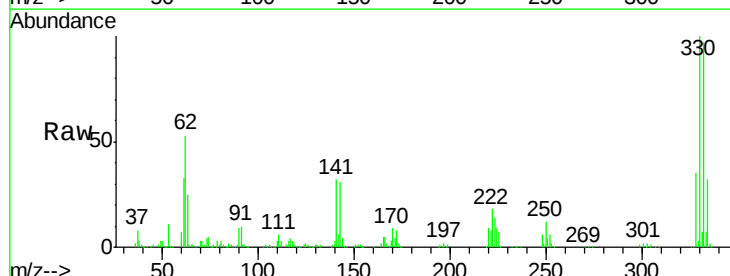
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

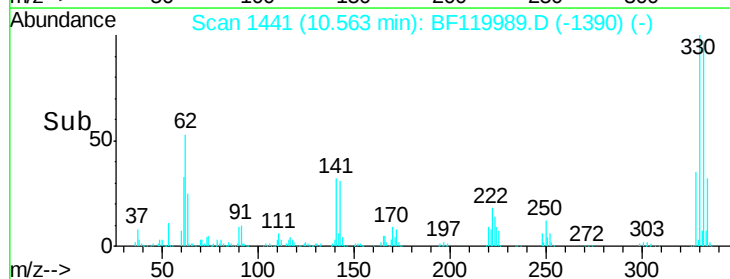
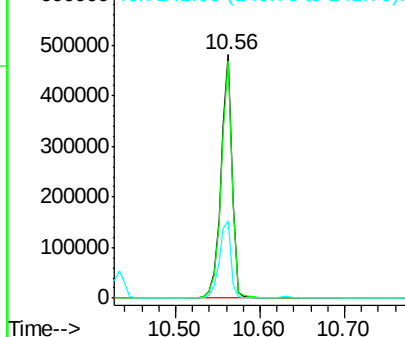
Lab File: BF119989.D

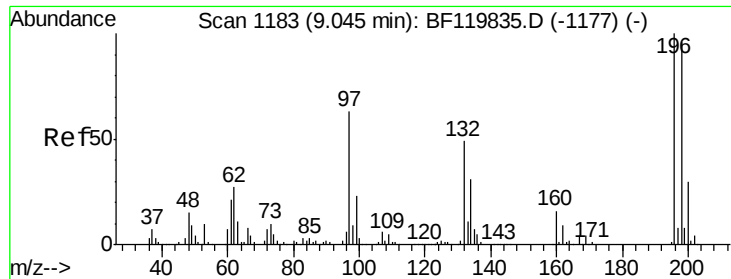
Acq: 15 Apr 2020 13:12

Tgt Ion:	330	Resp:	447183
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	33.9	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





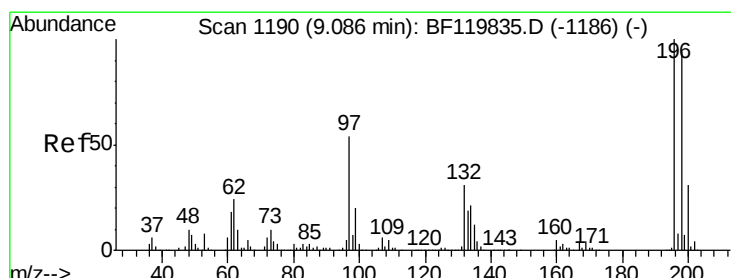
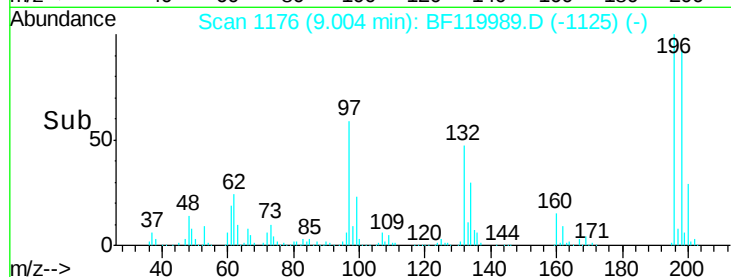
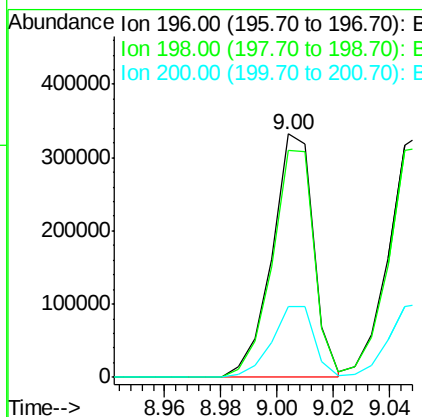
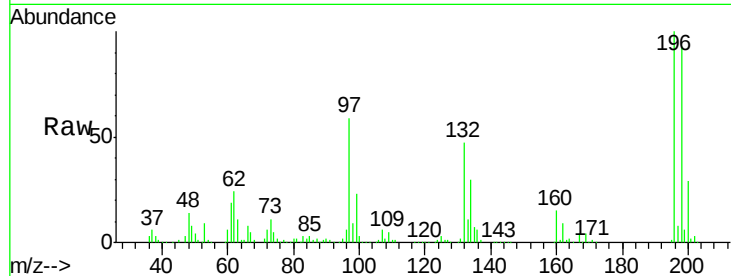
#43
 2,4,6-Trichlorophenol
 Concen: 42.102 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleID :
 PB128203BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	338176		
198	93.2	76.6	115.0	
200	29.2	24.2	36.2	

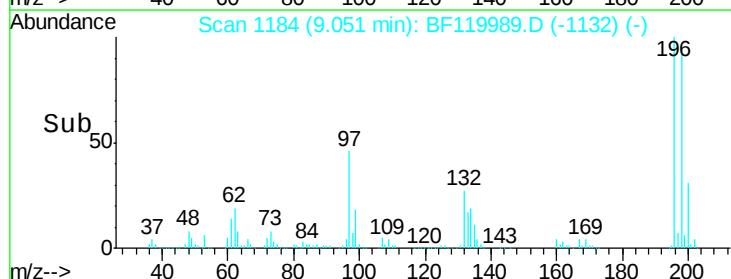
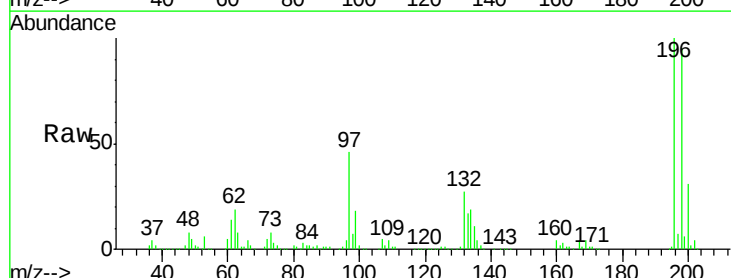
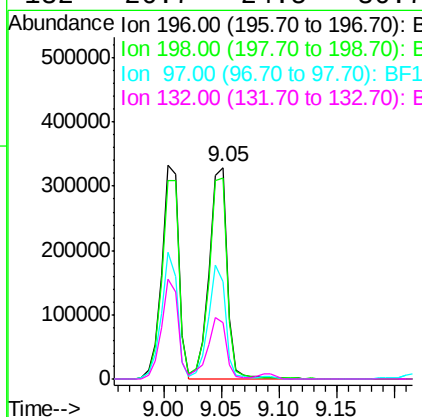
Manual Integrations
 APPROVED

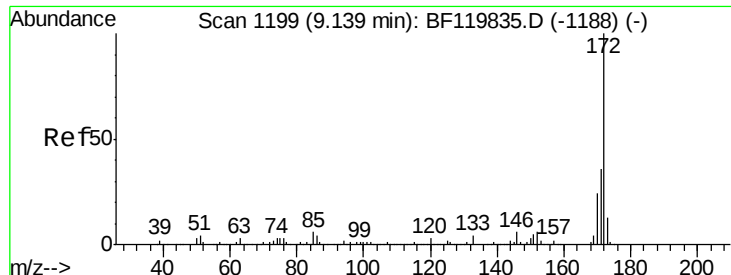
mohammad
 4/16/2020 12:52:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.394 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356388		
198	94.9	75.1	112.7	
97	45.8	43.4	65.2	
132	26.7	24.5	36.7	





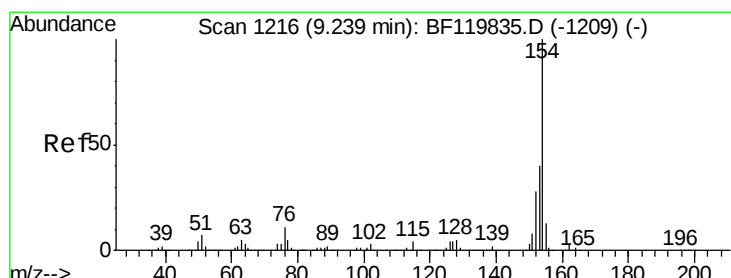
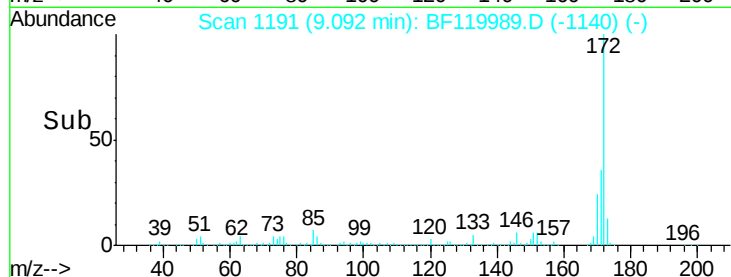
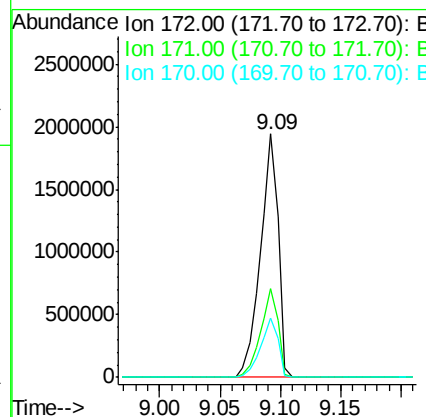
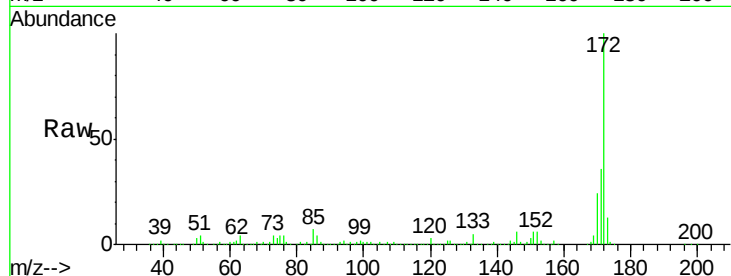
#45
2-Fluorobiphenyl
Concen: 76.771 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.2	19.4	29.2

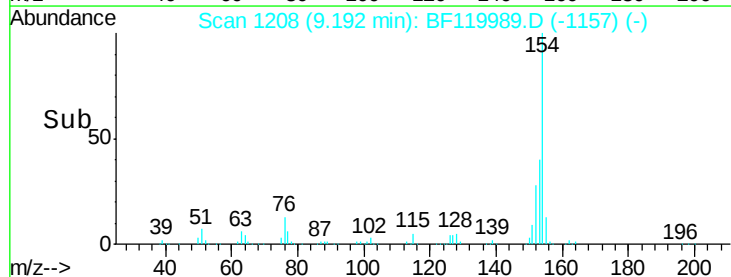
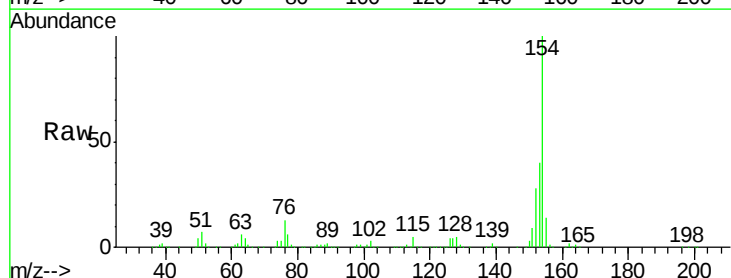
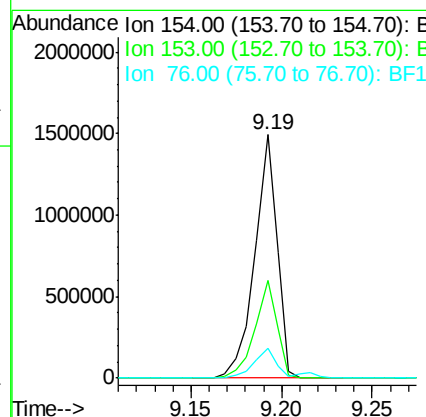
Manual Integrations
APPROVED

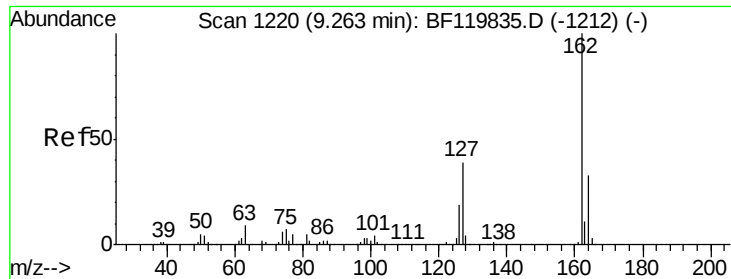
mohammad
4/16/2020 12:52:42 PM



#46
1,1'-Biphenyl
Concen: 41.103 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	12.5	0.0	30.6





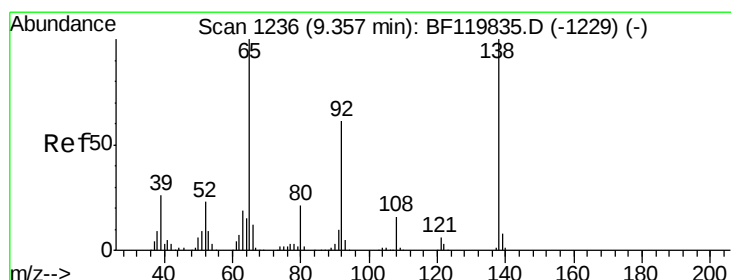
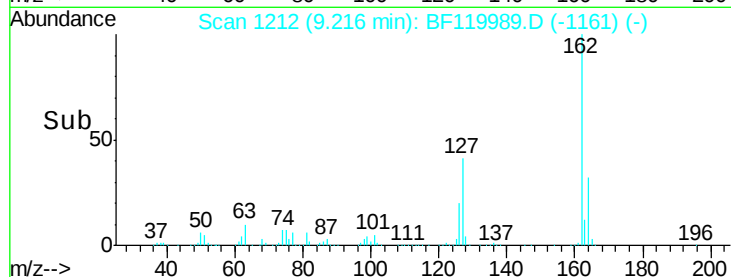
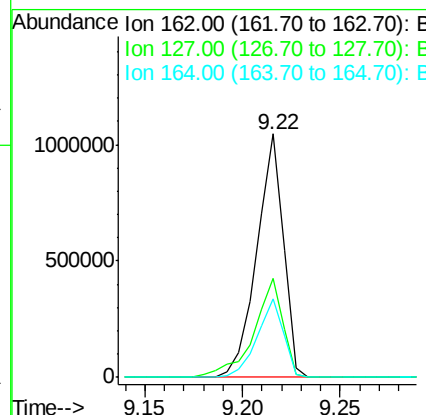
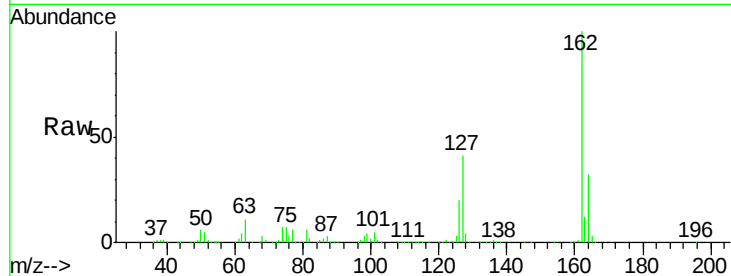
#47
 2-Chloronaphthalene
 Concen: 41.337 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion:	162	Resp:	989853
Ion Ratio	Lower	Upper	
162	100		
127	40.9	31.2	46.8
164	32.5	26.3	39.5

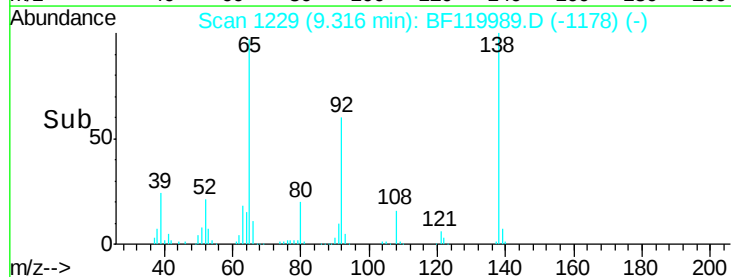
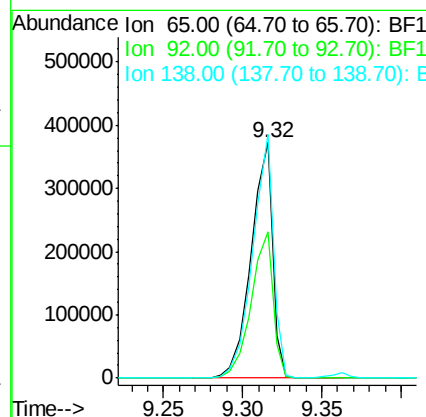
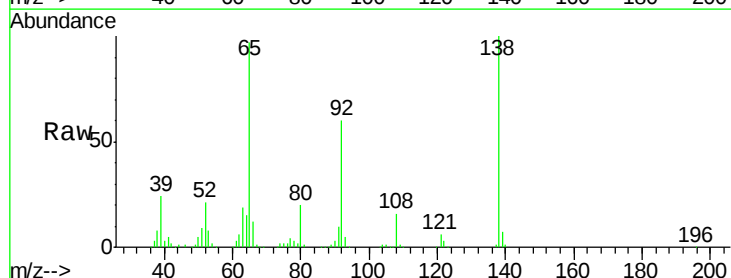
Manual Integrations
 APPROVED

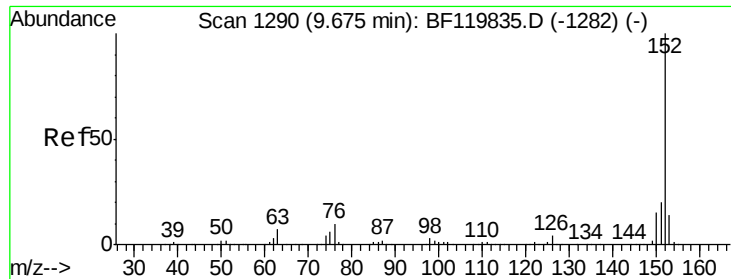
mohammad
 4/16/2020 12:52:42 PM



#48
 2-Nitroaniline
 Concen: 40.182 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion:	65	Resp:	348687
Ion Ratio	Lower	Upper	
65	100		
92	62.3	49.0	73.6
138	103.4	79.7	119.5





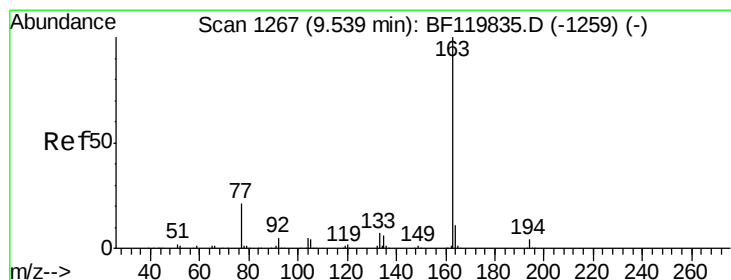
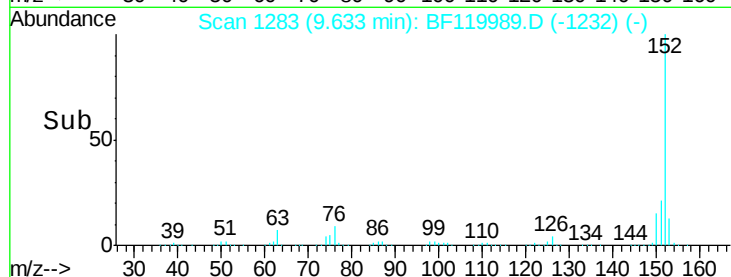
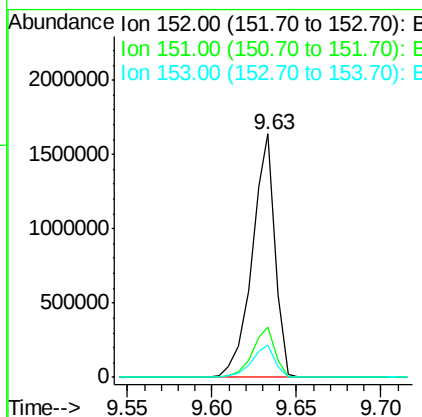
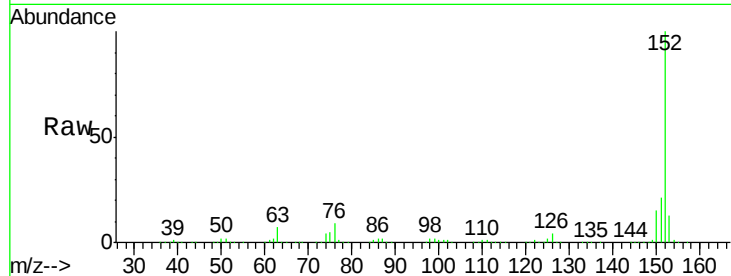
#49
Acenaphthylene
Concen: 42.421 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.5	10.9	16.3

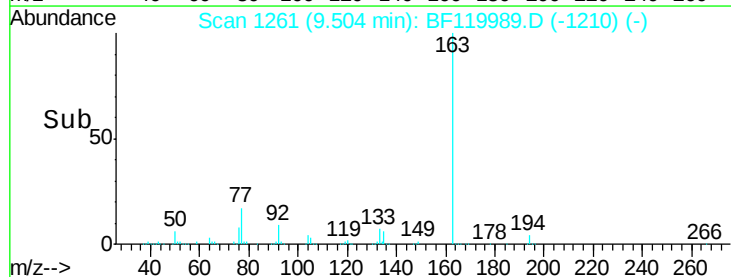
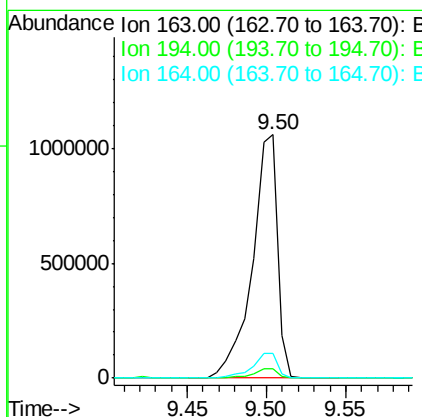
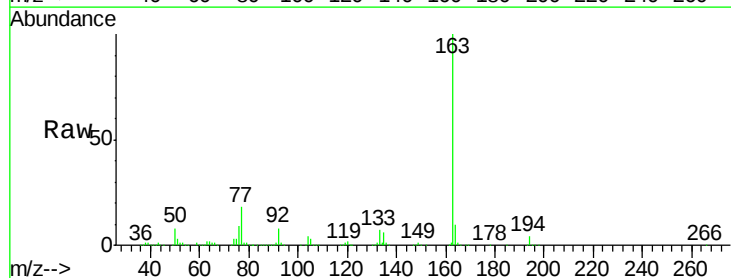
Manual Integrations
APPROVED

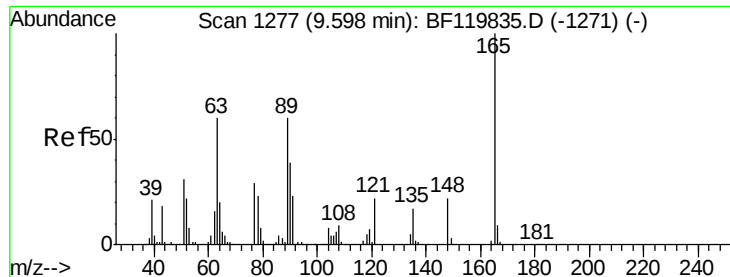
mohammad
4/16/2020 12:52:42 PM



#50
Dimethylphthalate
Concen: 41.290 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 42.029 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:165 Resp: 262176

Ion Ratio Lower Upper

165 100

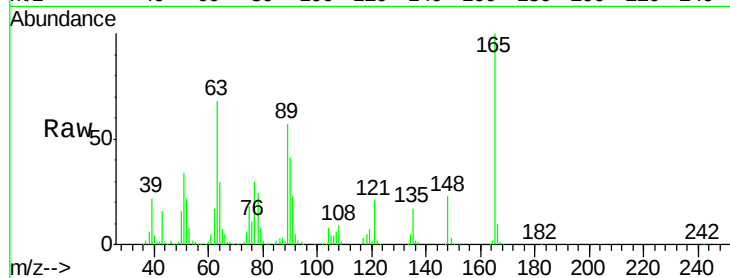
63 67.7 55.6 83.4

89 57.0 47.9 71.9

Manual Integrations
APPROVED

mohammad

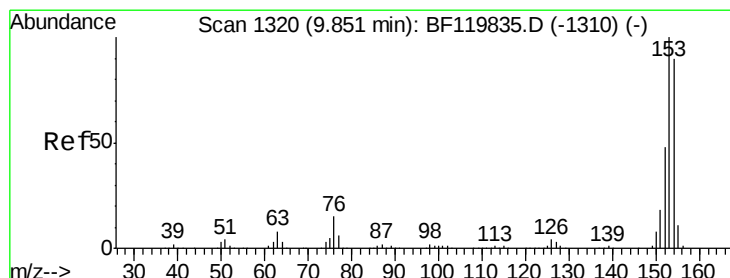
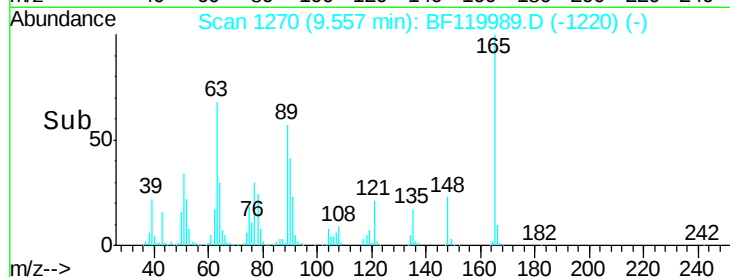
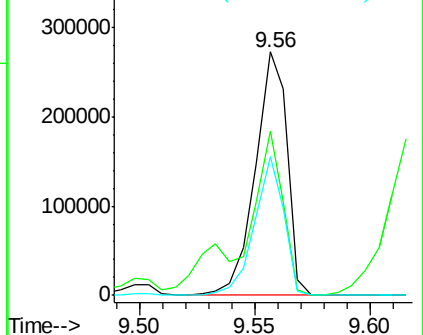
4/16/2020 12:52:42 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.704 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

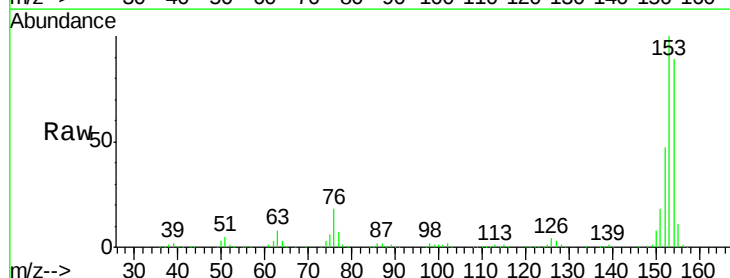
Tgt Ion:154 Resp: 940241

Ion Ratio Lower Upper

154 100

153 112.5 88.8 133.2

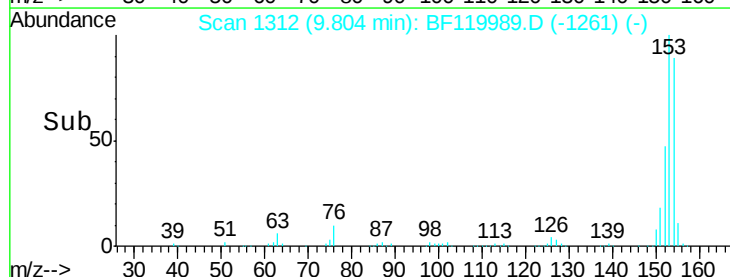
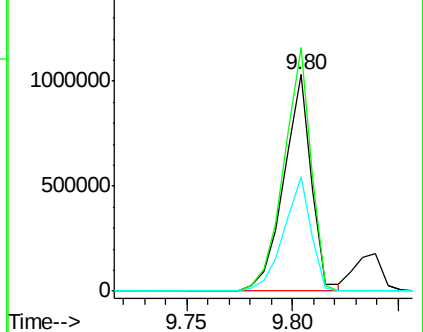
152 53.0 42.4 63.6

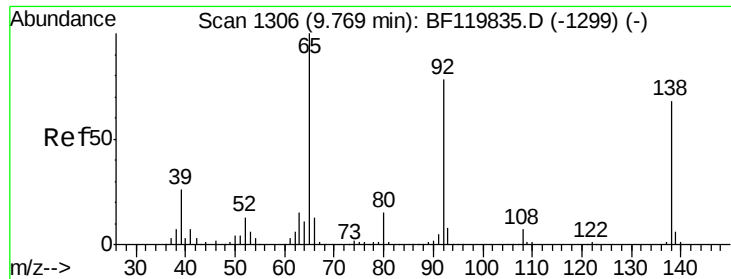


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





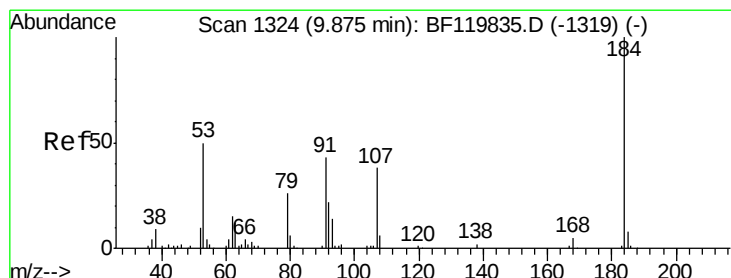
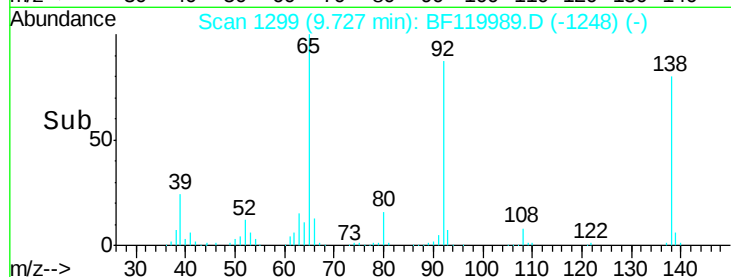
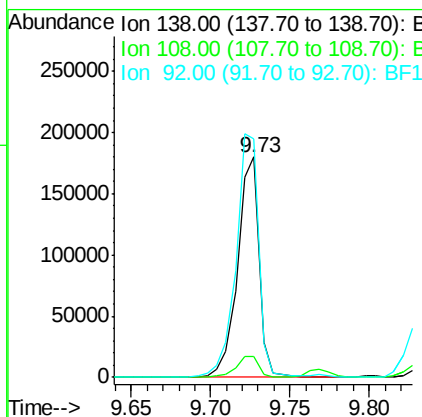
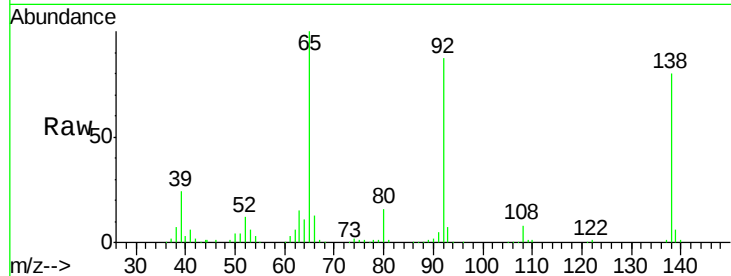
#53
3-Nitroaniline
Concen: 23.752 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	108.7	92.1	138.1

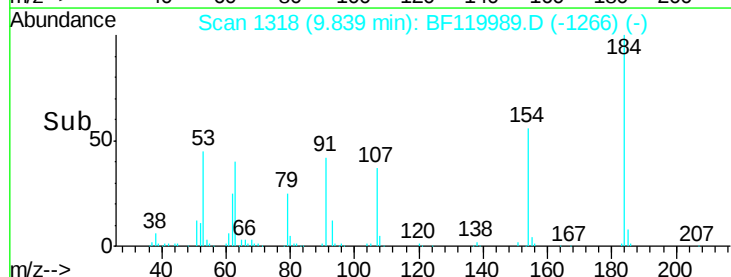
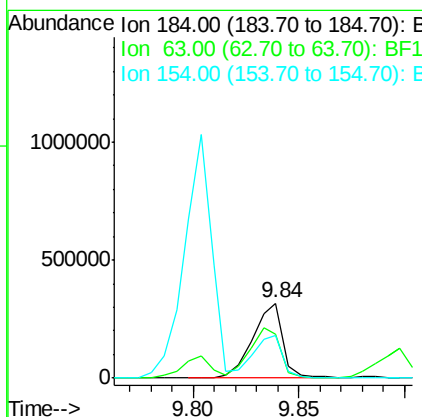
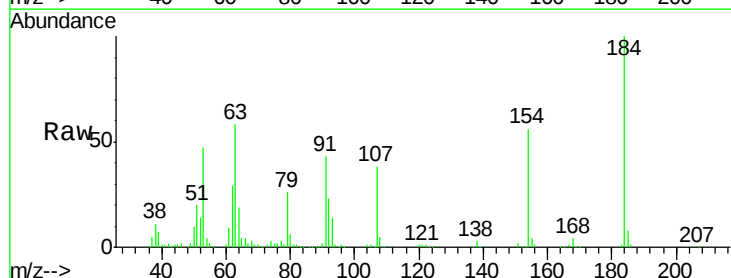
Manual Integrations
APPROVED

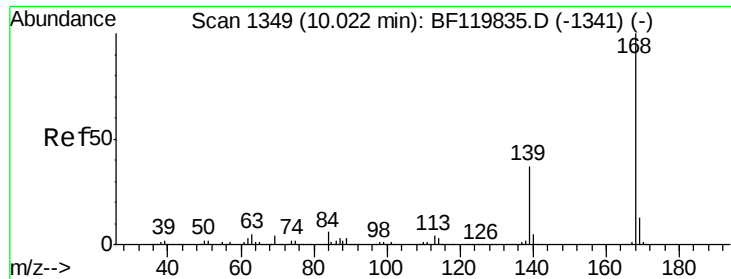
mohammad
4/16/2020 12:52:42 PM



#54
2,4-Dinitrophenol
Concen: 84.363 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	49.8	74.6
154	55.9	46.5	69.7





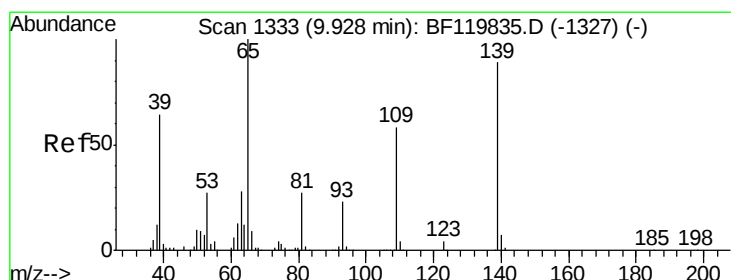
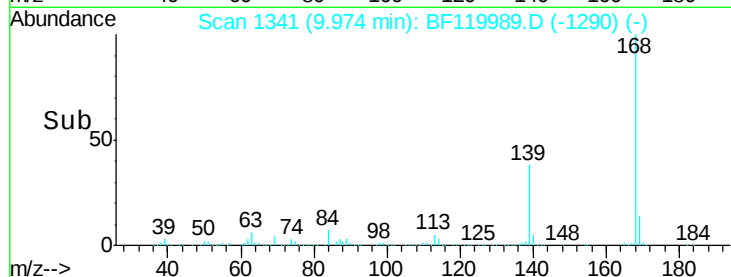
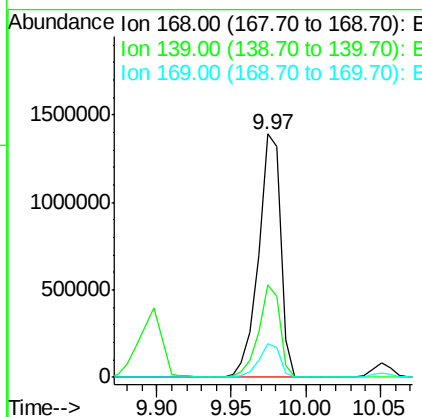
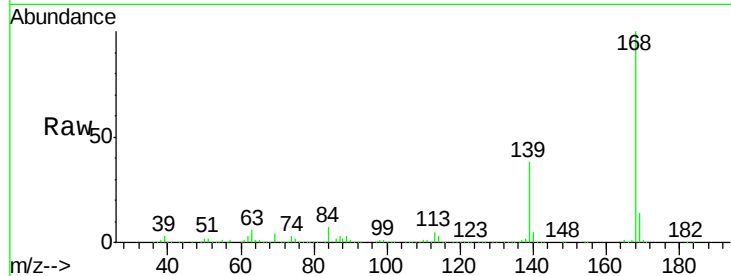
#55
Dibenzofuran
Concen: 42.327 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion:168 Resp: 1411022
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.8 10.6 15.8

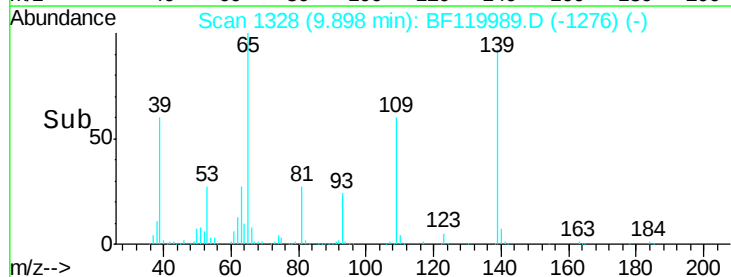
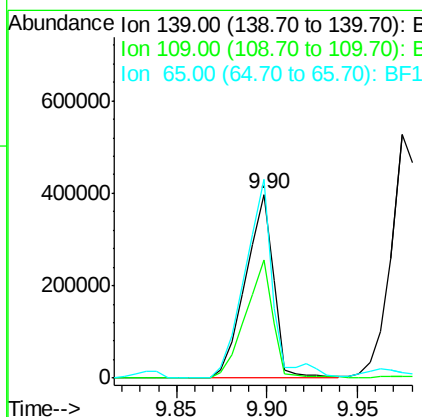
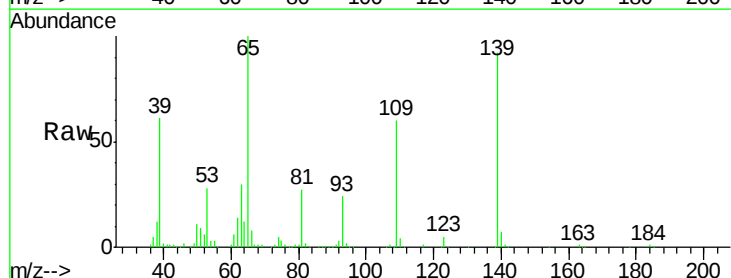
Manual Integrations
APPROVED

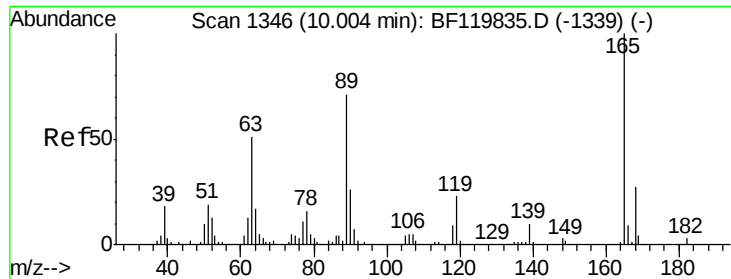
mohammad
4/16/2020 12:52:42 PM



#56
4-Nitrophenol
Concen: 81.195 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion:139 Resp: 430400
Ion Ratio Lower Upper
139 100
109 64.8 45.5 85.5
65 108.7 92.3 132.3





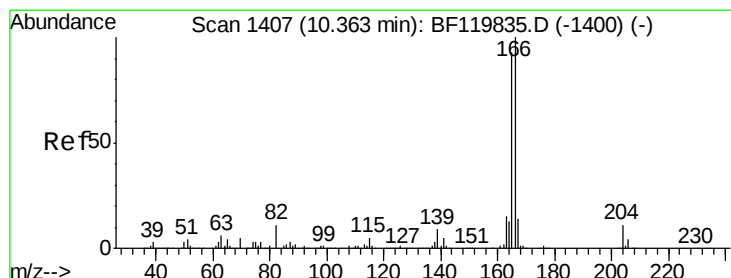
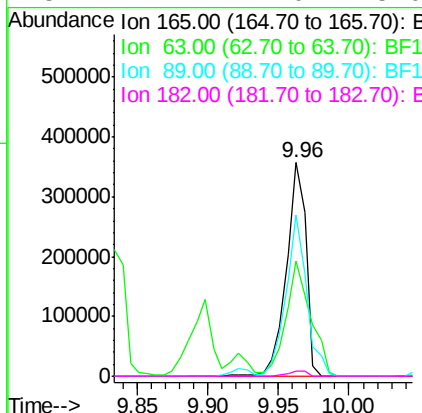
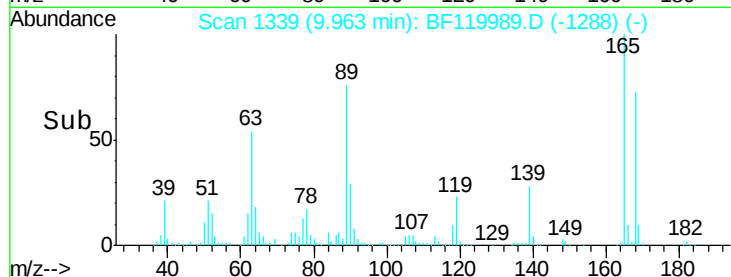
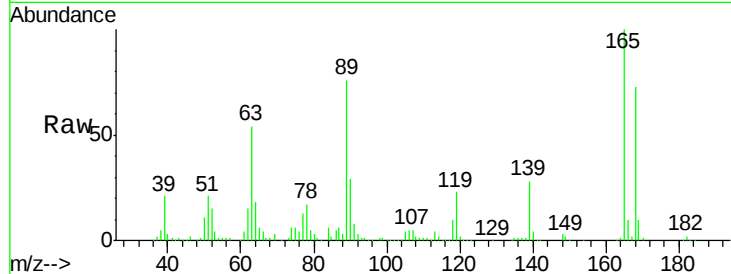
#57
 2,4-Dinitrotoluene
 Concen: 42.049 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.0	40.8	61.2
89	75.7	56.9	85.3
182	2.4	2.0	3.0

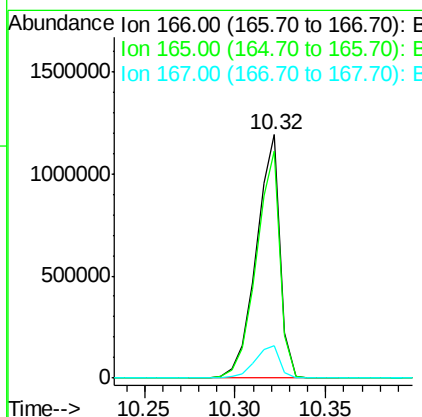
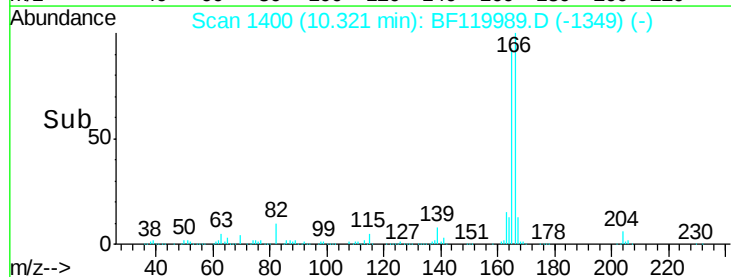
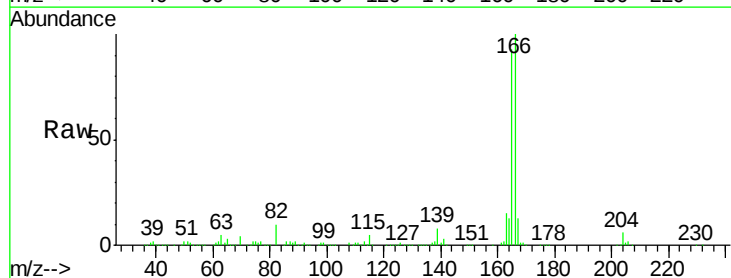
Manual Integrations
 APPROVED

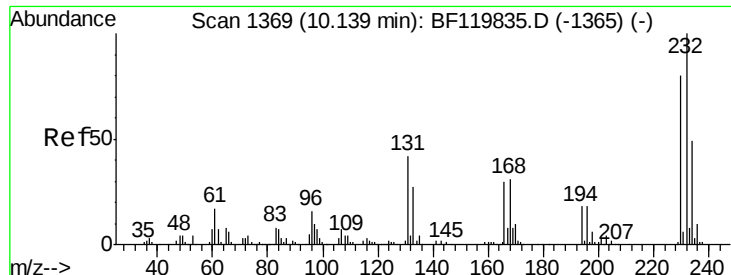
mohammad
 4/16/2020 12:52:42 PM



#58
 Fluorene
 Concen: 40.409 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.2	111.2
167	13.3	10.8	16.2





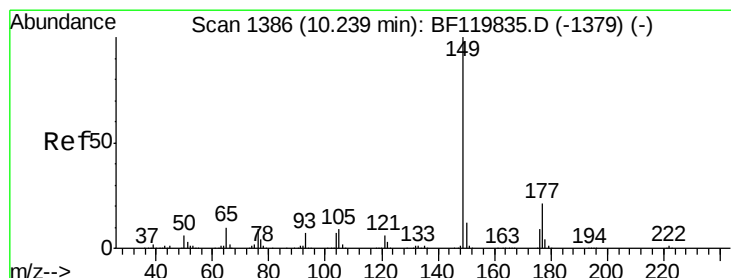
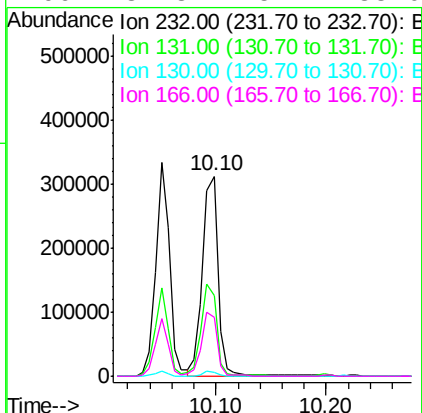
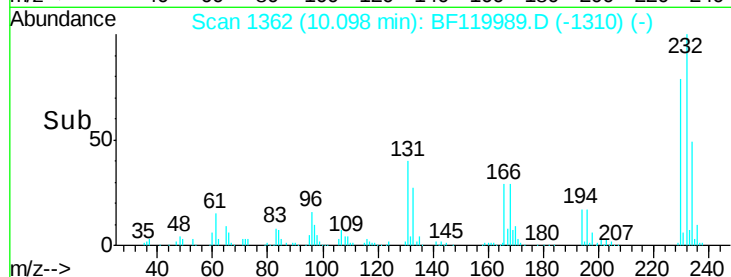
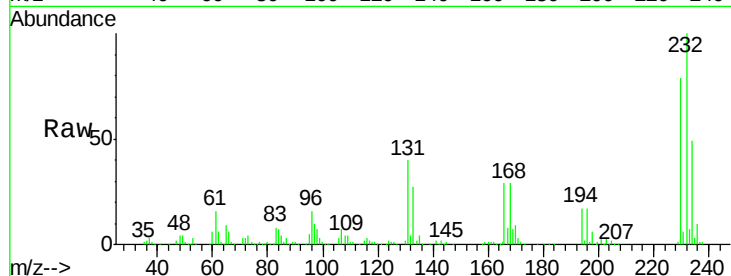
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.135 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	298456		
131	46.5		37.9	56.9
130	2.2		1.8	2.6
166	31.3		25.4	38.0

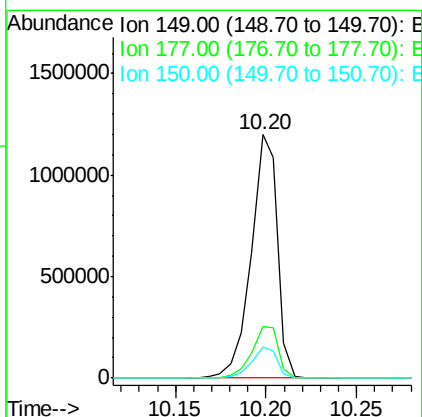
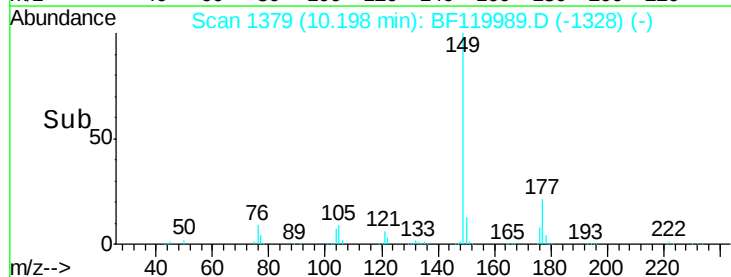
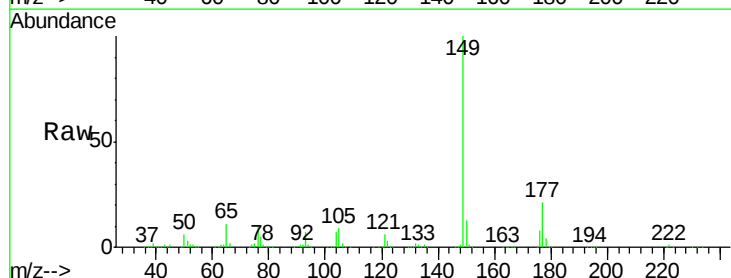
Manual Integrations
APPROVED

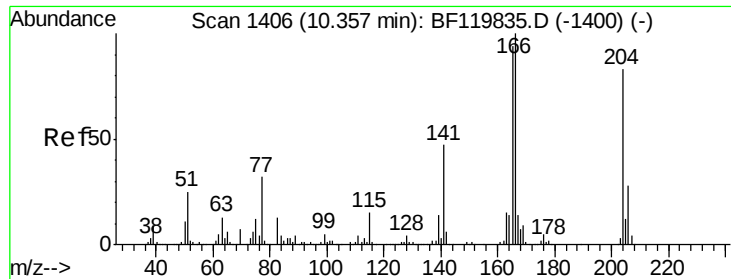
mohammad
4/16/2020 12:52:42 PM



#60
Diethylphthalate
Concen: 40.838 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1205688		
177	21.1		16.8	25.2
150	12.9		9.8	14.6





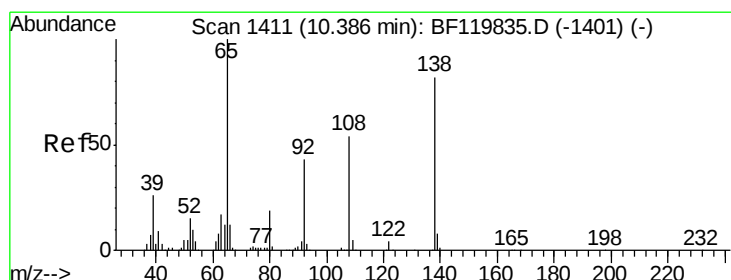
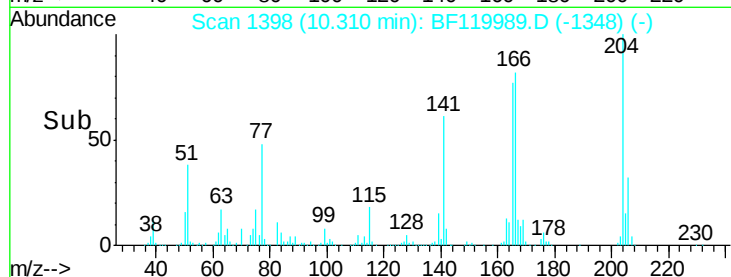
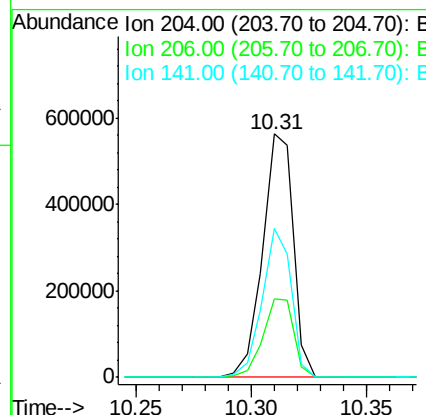
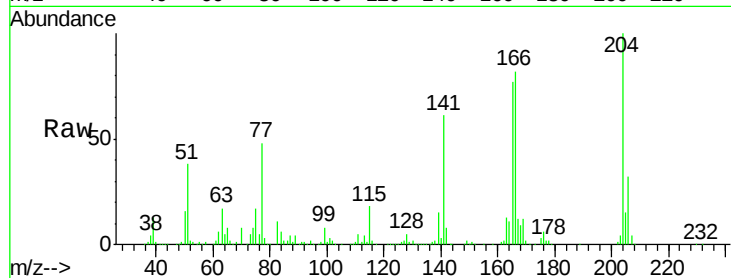
#61
4-Chlorophenyl-phenylether
Concen: 38.355 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.7	40.1
141	61.4	45.8	68.8

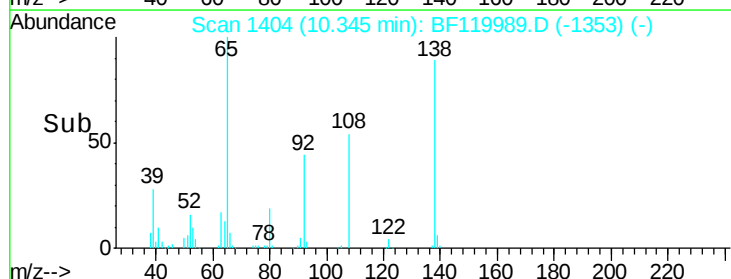
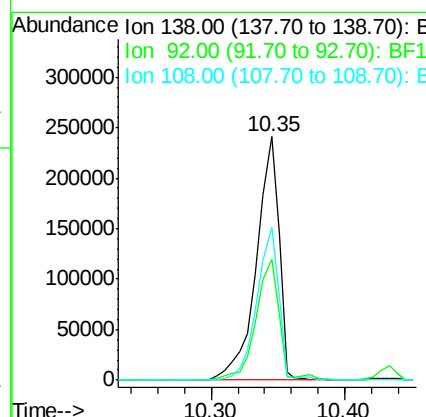
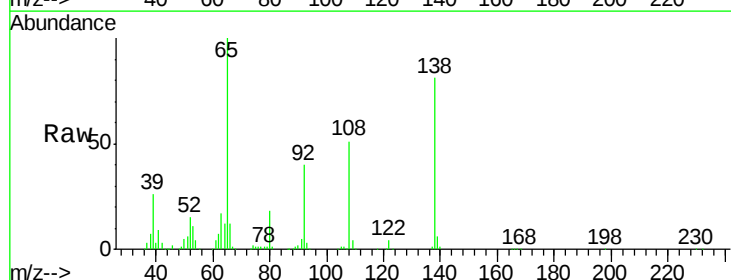
Manual Integrations
APPROVED

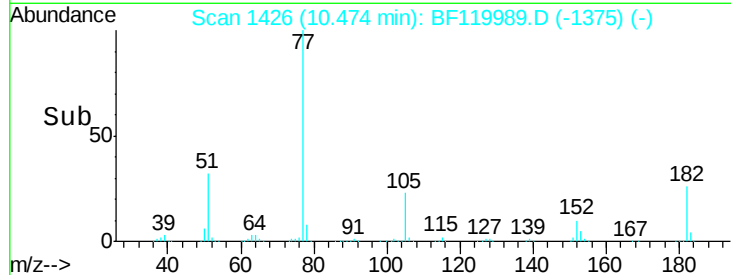
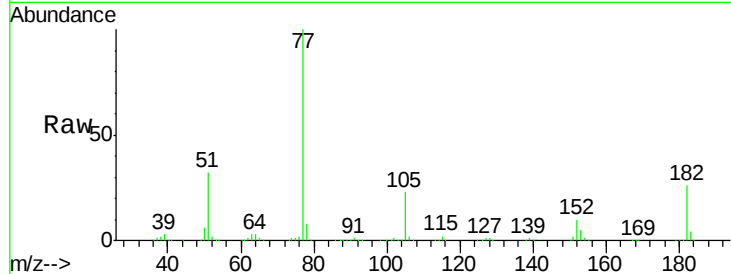
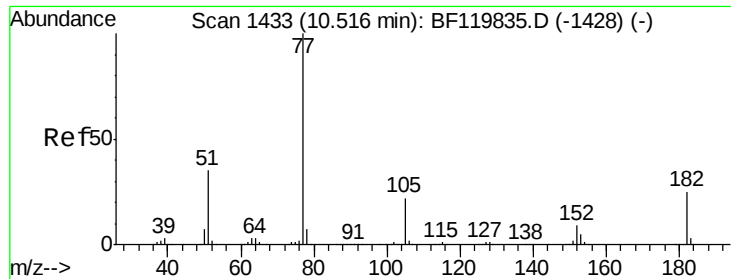
mohammad
4/16/2020 12:52:42 PM



#62
4-Nitroaniline
Concen: 41.238 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

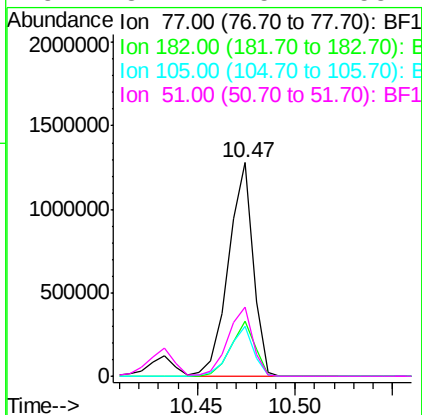
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.6	71.6
108	62.8	45.2	85.2





#63
Azobenzene
Concen: 42.434 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

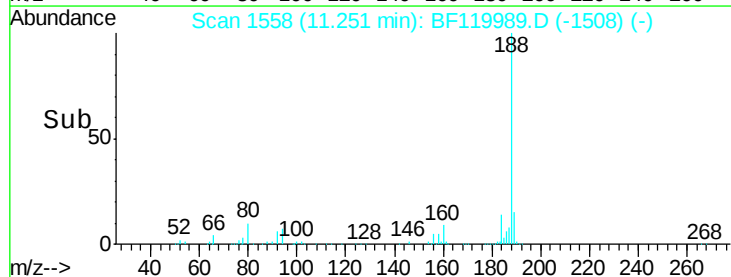
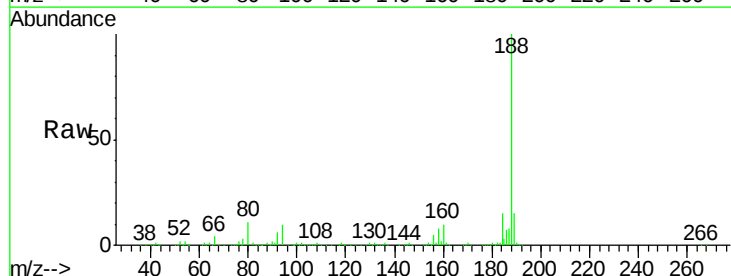
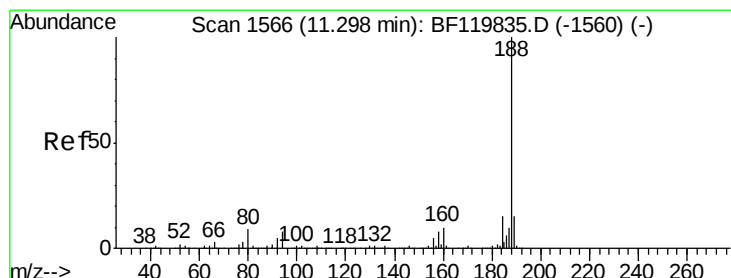
Tot Ion	77	Resp	1122745
Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.5	44.5
105	23.2	2.2	42.2
51	32.4	15.1	55.1



Instrument :
BNA_F
ClientSampleId :
PB128203BS

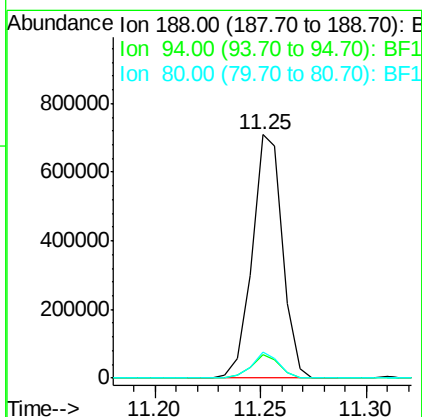
Manual Integrations
APPROVED

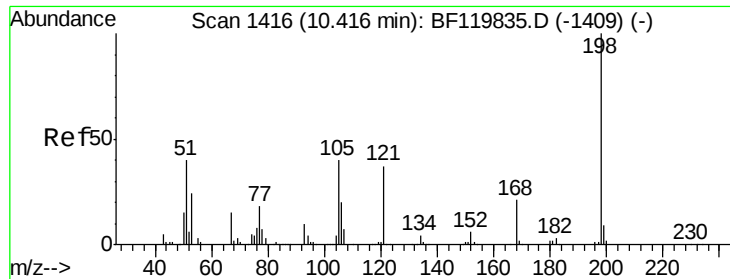
mohammad
4/16/2020 12:52:42 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	188	Resp	705555
Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	10.7	7.4	11.2





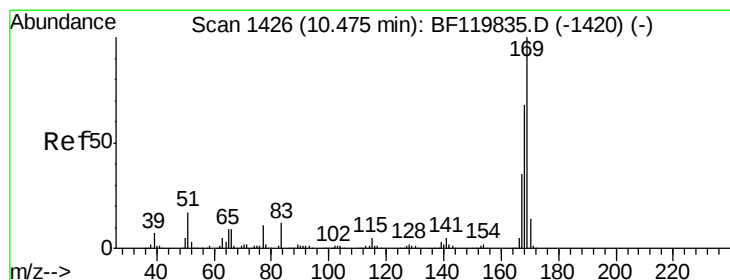
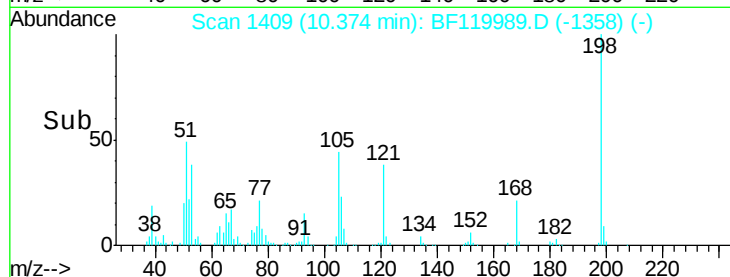
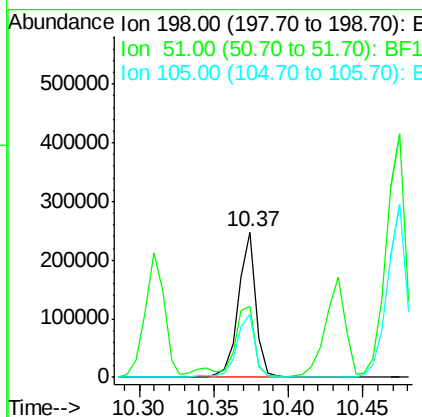
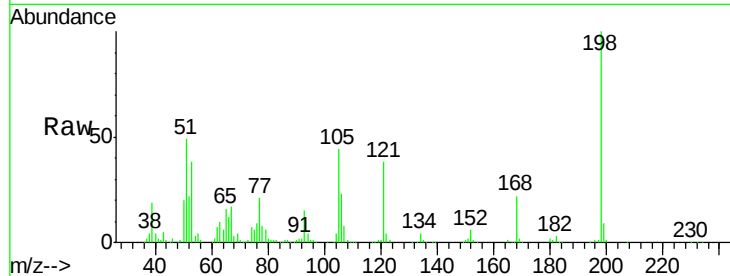
#65
4,6-Dinitro-2-methylphenol
Concen: 44.155 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	205242		
51	48.6	25.2	65.2	
105	43.7	20.8	60.8	

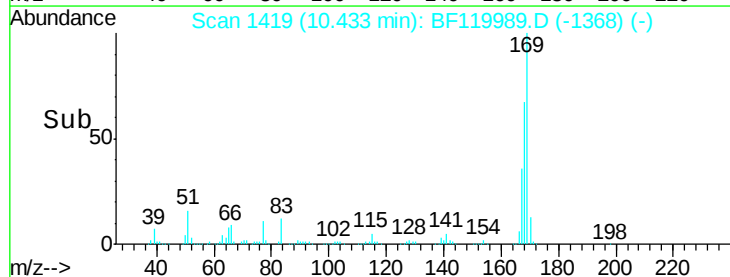
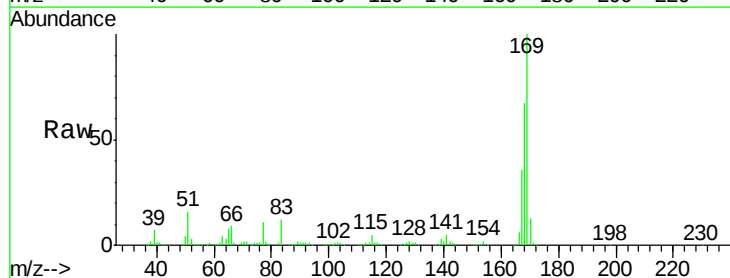
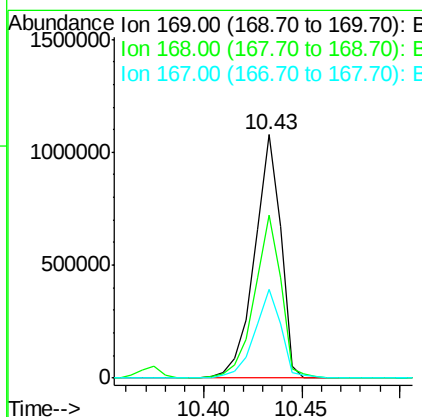
Manual Integrations
APPROVED

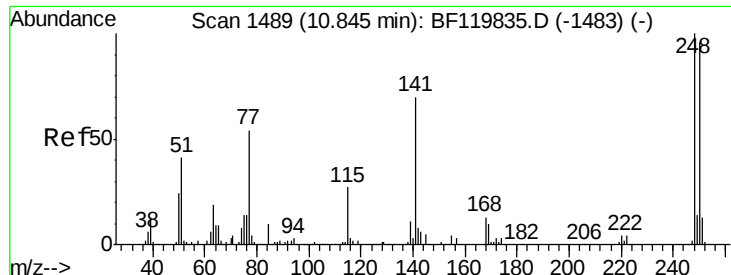
mohammad
4/16/2020 12:52:42 PM



#66
n-Nitrosodiphenylamine
Concen: 42.722 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1002461		
168	66.9	54.2	81.4	
167	36.3	28.3	42.5	





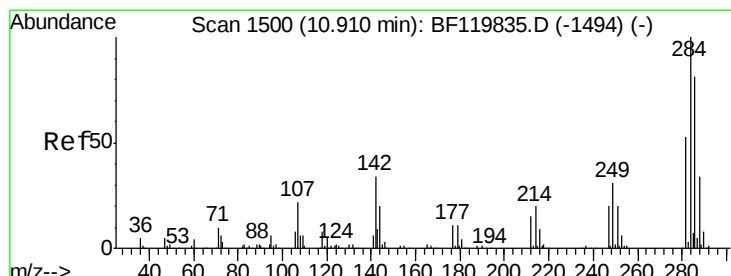
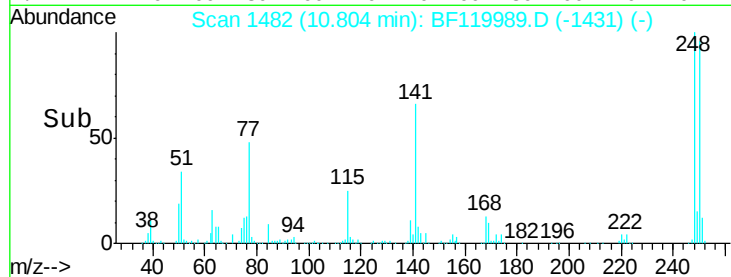
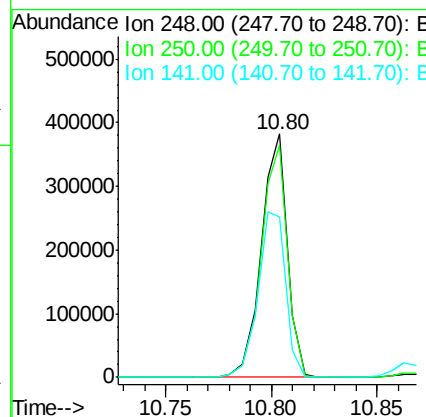
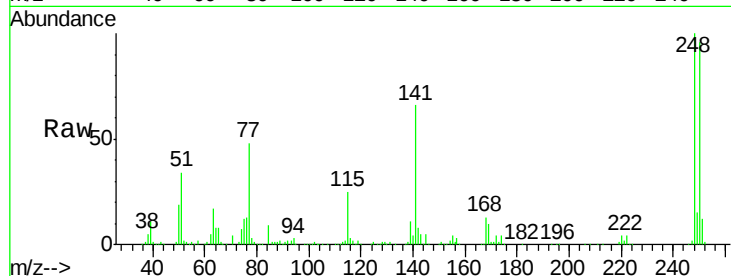
#67
 4-Bromophenyl-phenylether
 Concen: 37.390 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleID :
 PB128203BS

Tot Ion:	248	Resp:	328067
Ion Ratio	Lower	Upper	
248	100		
250	95.6	76.6	114.8
141	66.1	55.9	83.9

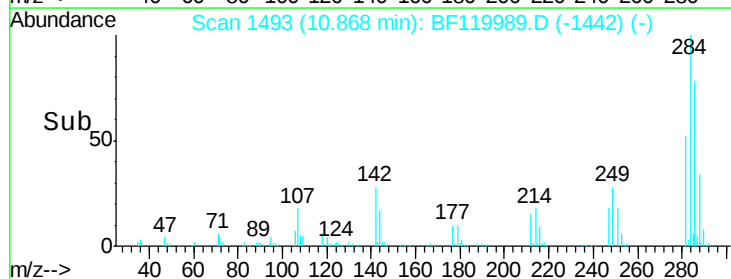
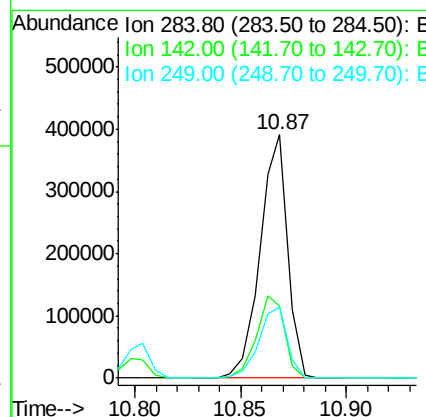
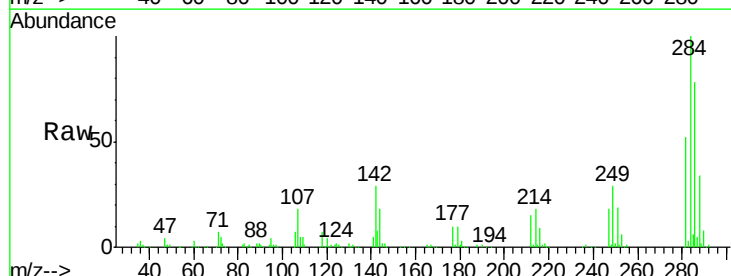
Manual Integrations
 APPROVED

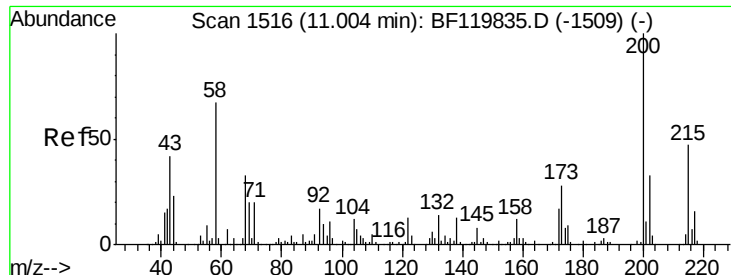
mohammad
 4/16/2020 12:52:42 PM



#68
 Hexachlorobenzene
 Concen: 39.923 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion:	284	Resp:	355360
Ion Ratio	Lower	Upper	
284	100		
142	29.4	26.9	40.3
249	28.9	24.6	37.0





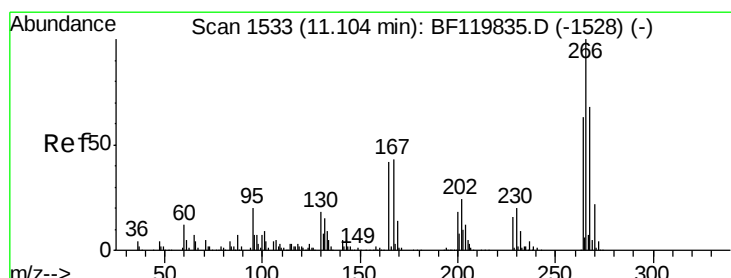
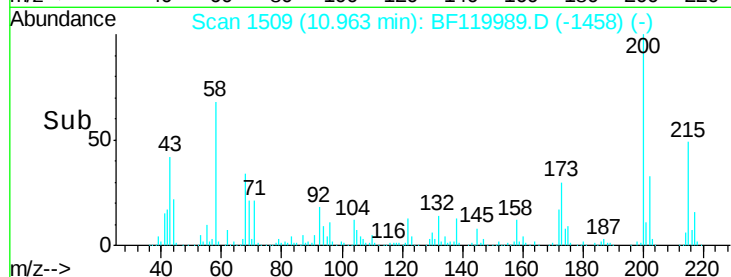
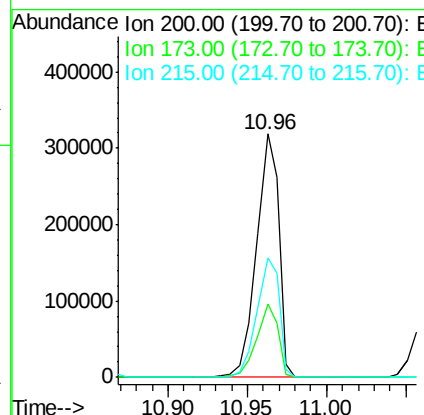
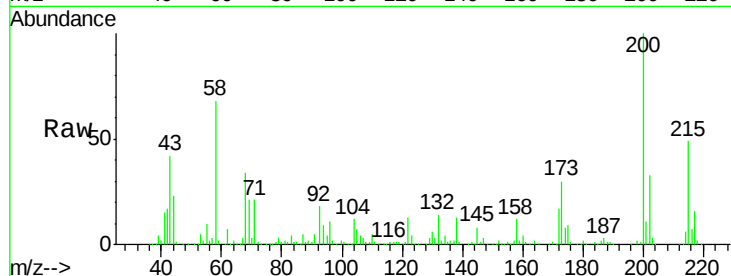
#69
Atrazine
Concen: 47.598 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	310749		
173	30.0	8.0	48.0	
215	48.9	27.1	67.1	

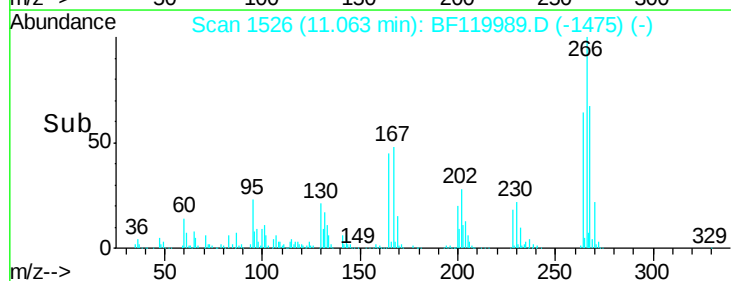
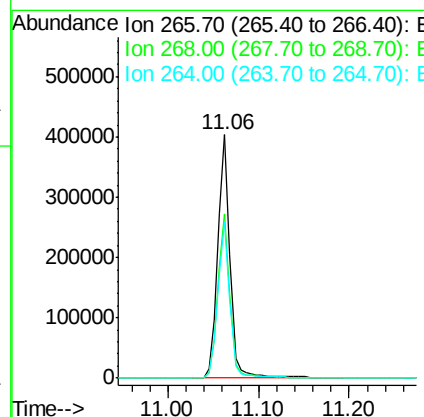
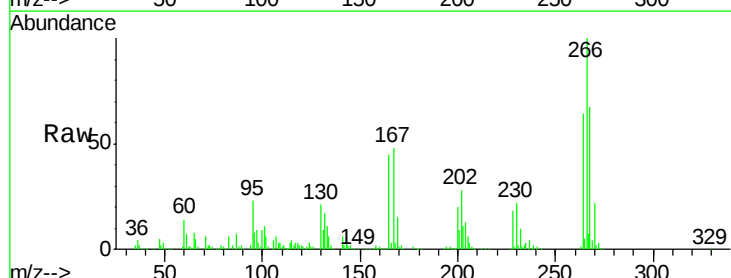
Manual Integrations
APPROVED

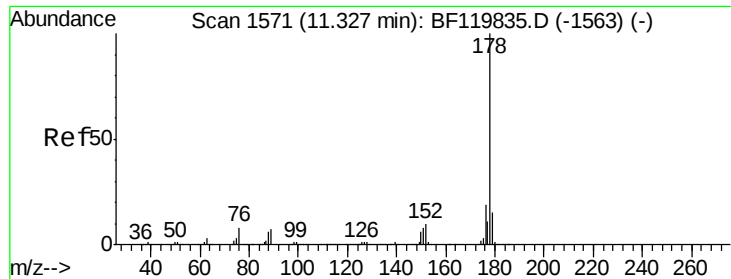
mohammad
4/16/2020 12:52:42 PM



#70
Pentachlorophenol
Concen: 75.211 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	385801		
268	67.2	54.2	81.4	
264	64.4	50.6	76.0	





#71

Phenanthrene

Concen: 41.946 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:178 Resp: 1575086

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

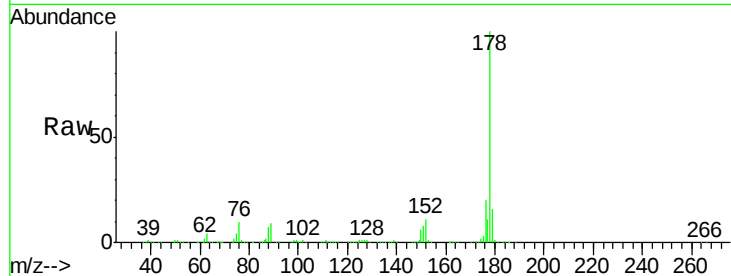
179 15.9 12.2 18.4

Manual Integrations

APPROVED

mohammad

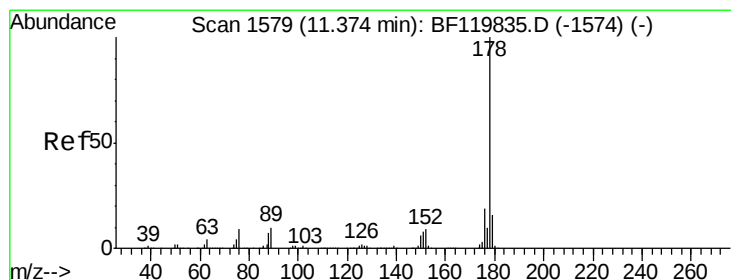
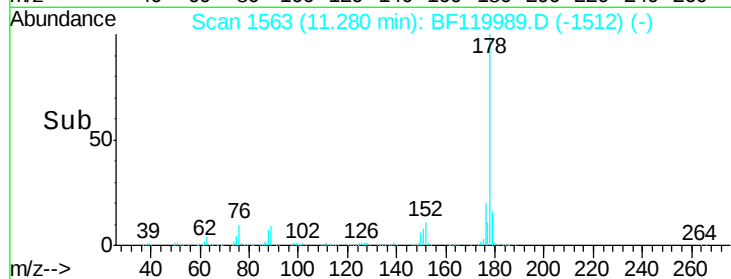
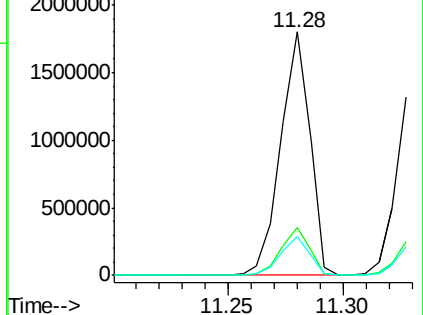
4/16/2020 12:52:42 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.289 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Tgt Ion:178 Resp: 1622200

Ion Ratio Lower Upper

178 100

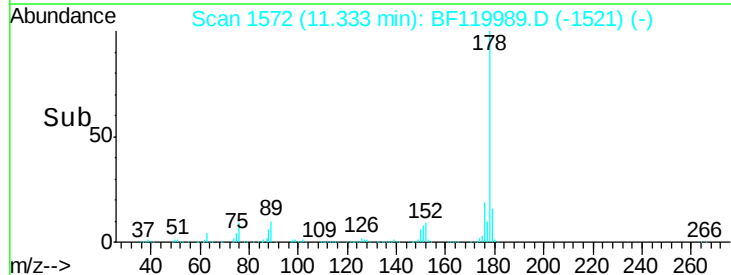
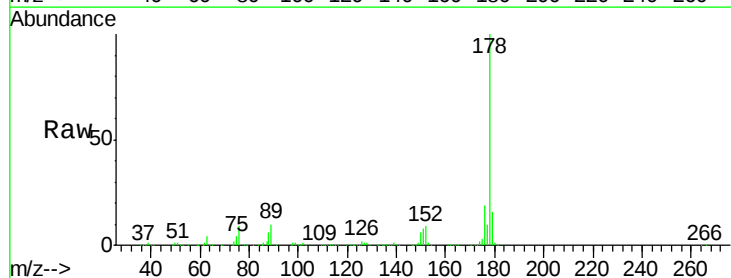
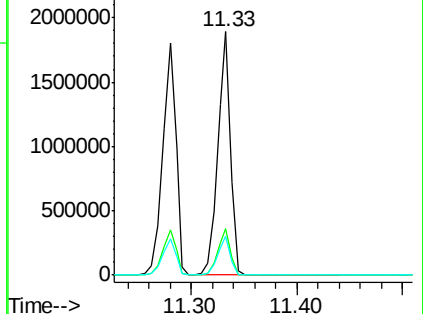
176 19.1 15.4 23.2

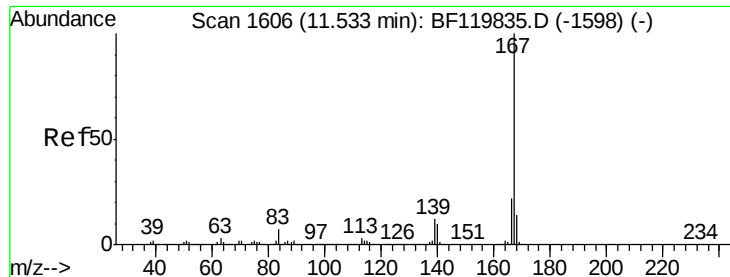
179 16.1 12.8 19.2

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: 41.265 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:167 Resp: 1496930

Ion Ratio Lower Upper

167 100

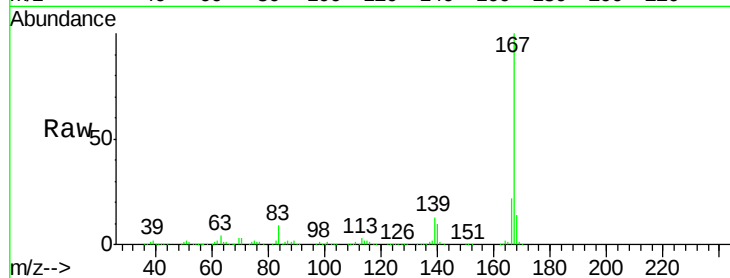
166 21.6 17.4 26.0

139 13.3 9.8 14.8

Manual Integrations
APPROVED

mohammad

4/16/2020 12:52:42 PM

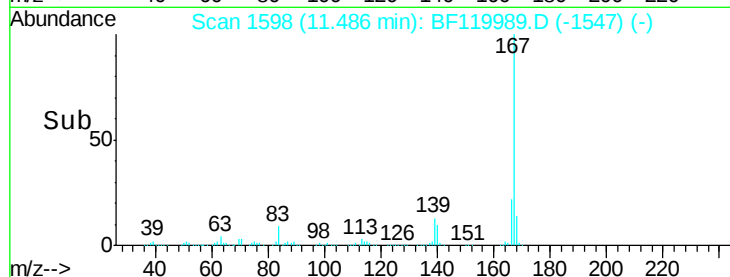


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



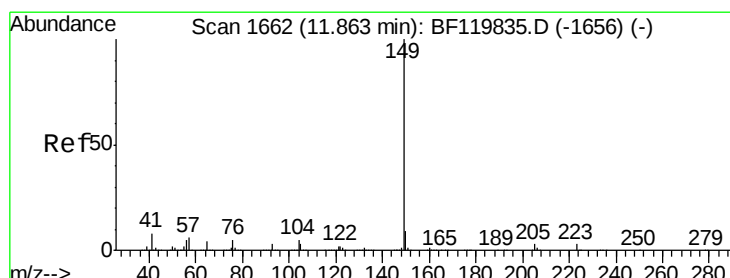
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#74

Di-n-butylphthalate

Concen: 40.226 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

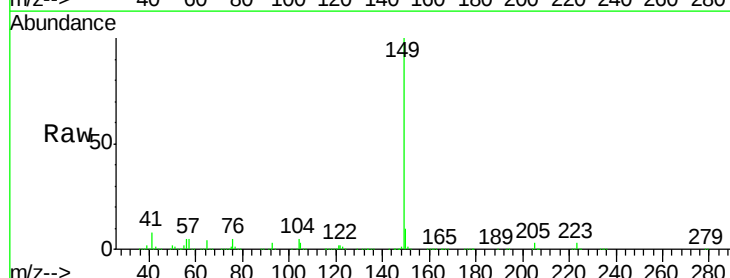
Tgt Ion:149 Resp: 1918307

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

104 4.7 3.8 5.6

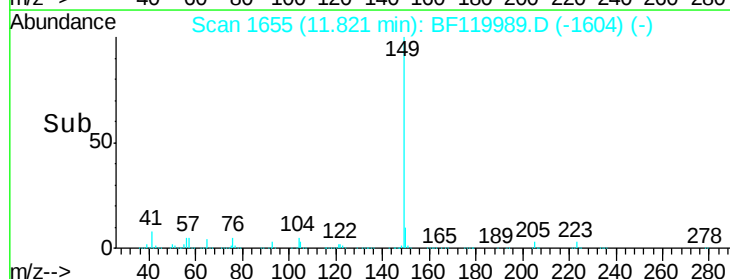


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



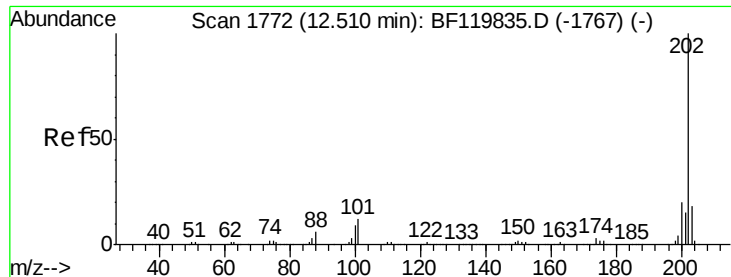
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Fluoranthene

Concen: 42.307 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:202 Resp: 1714119

Ion Ratio Lower Upper

202 100

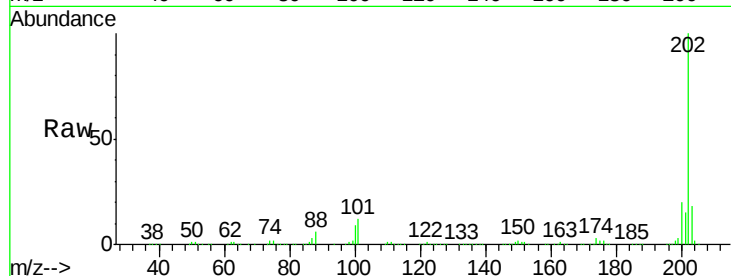
101 11.7 0.0 32.3

203 18.1 0.0 37.6

Manual Integrations
APPROVED

mohammad

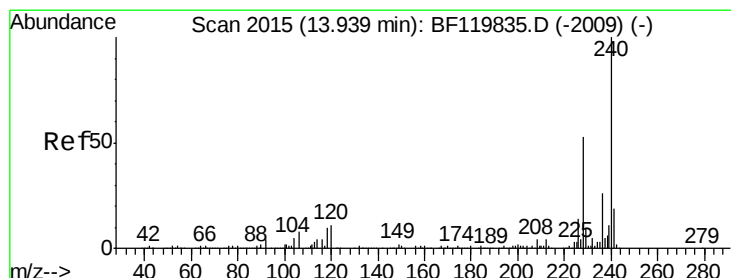
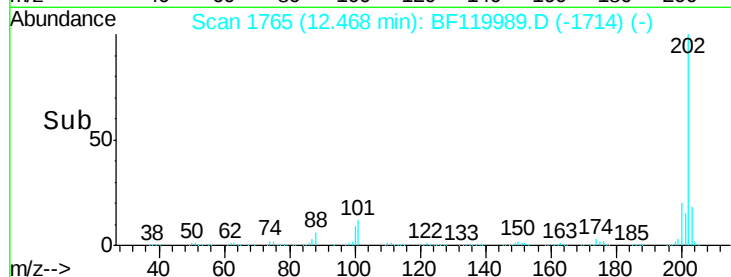
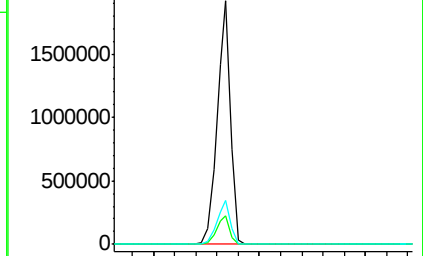
4/16/2020 12:52:42 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

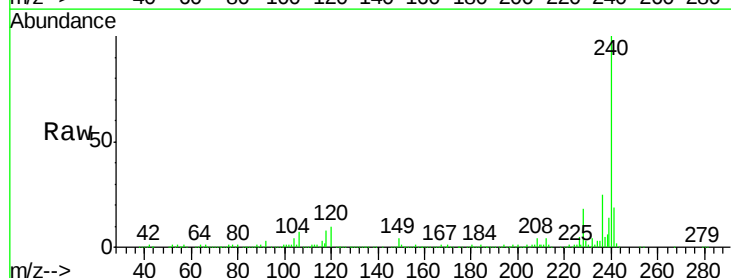
Tgt Ion:240 Resp: 503236

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

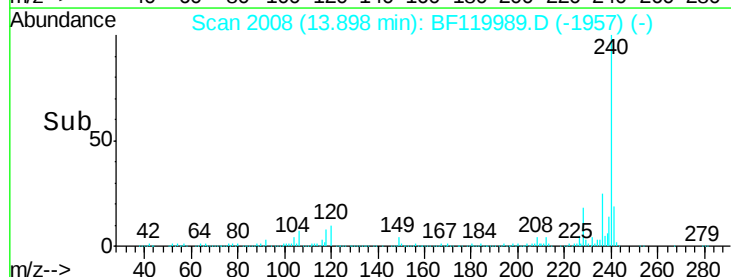
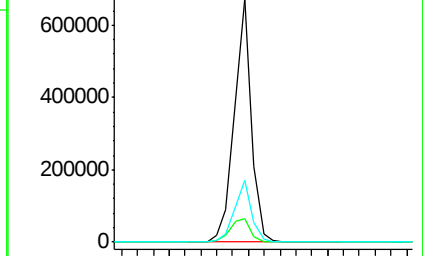
236 25.4 20.7 31.1

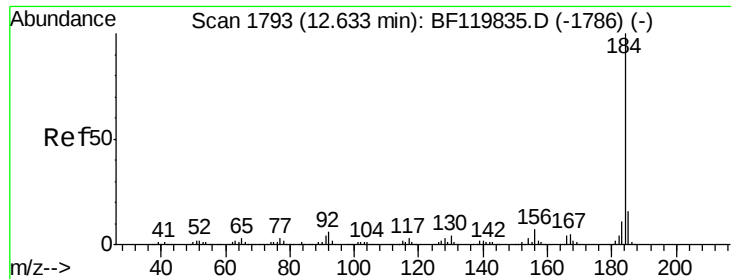


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.332 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

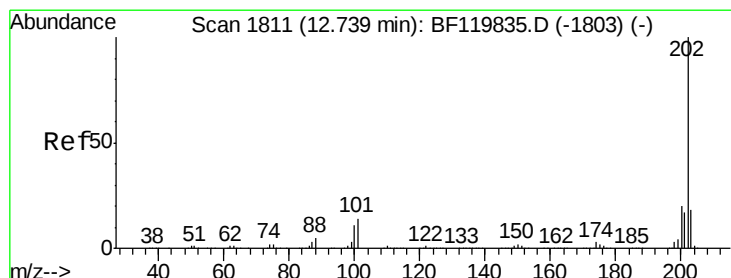
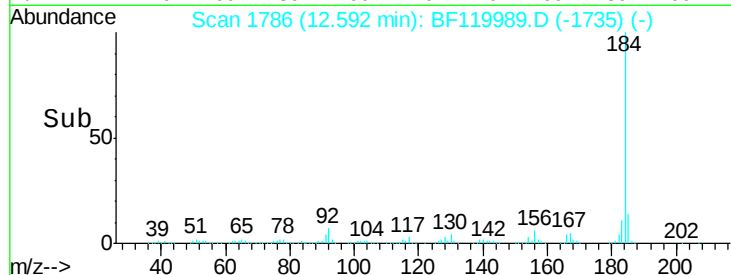
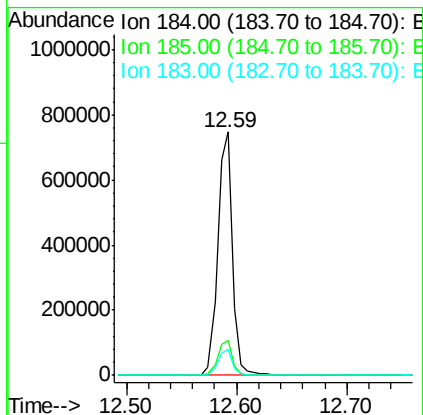
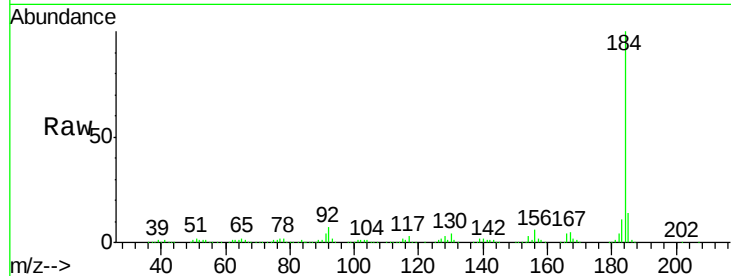
ClientSampleId :

PB128203BS

Tot Ion:	184	Resp:	686083
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.2	19.8
183	10.6	9.1	13.7

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



#78

Pyrene

Concen: 40.892 ng

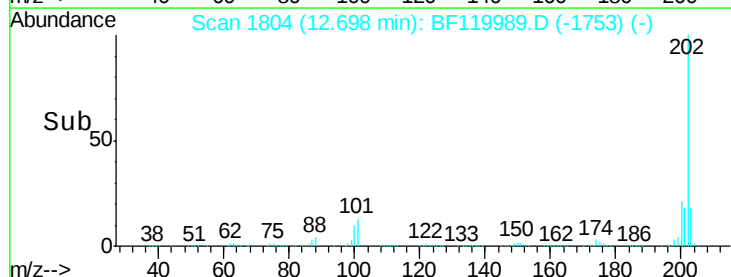
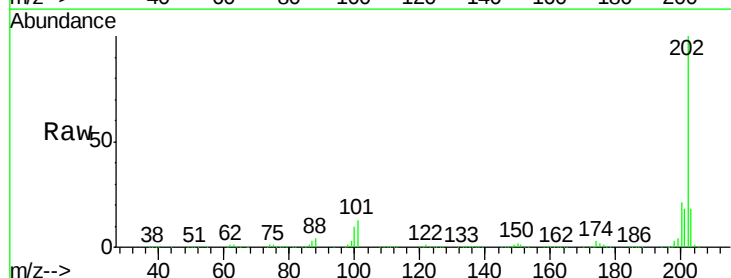
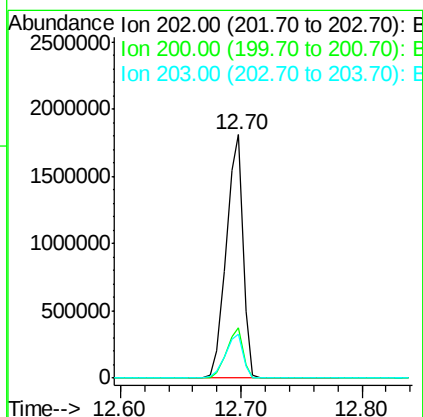
RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Tgt Ion:	202	Resp:	1734787
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.2	24.2
203	17.8	14.1	21.1





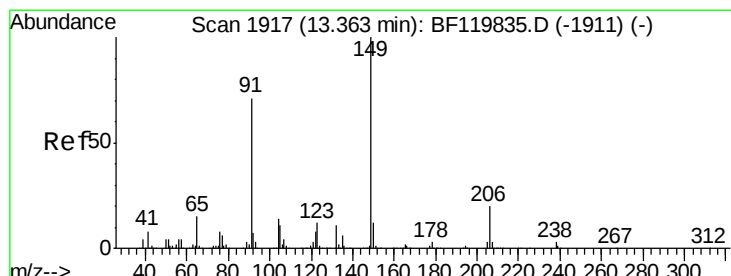
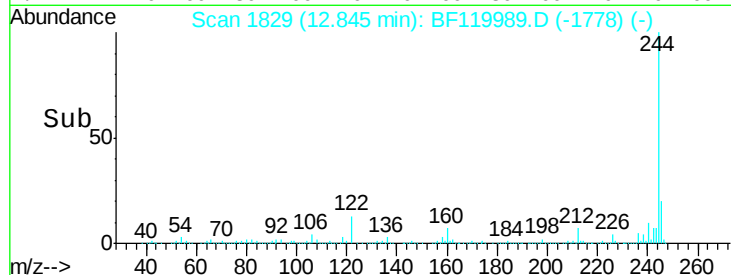
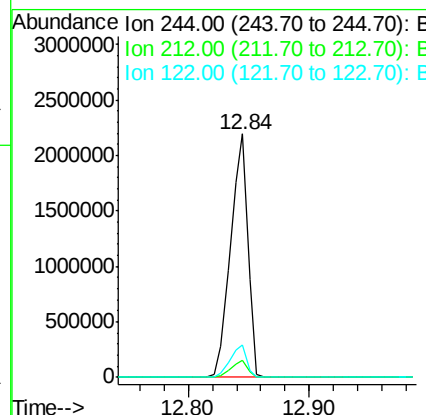
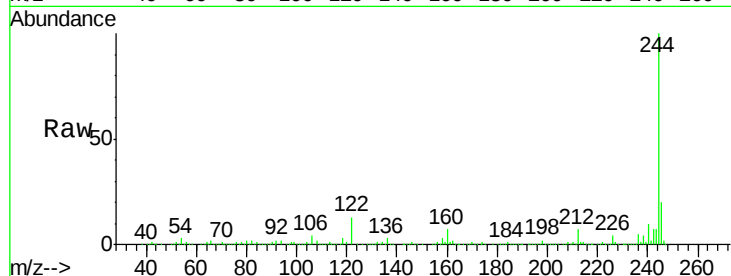
#79
 Terphenyl-d14
 Concen: 72.703 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion:244 Resp: 2174347
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.1 10.3 15.5

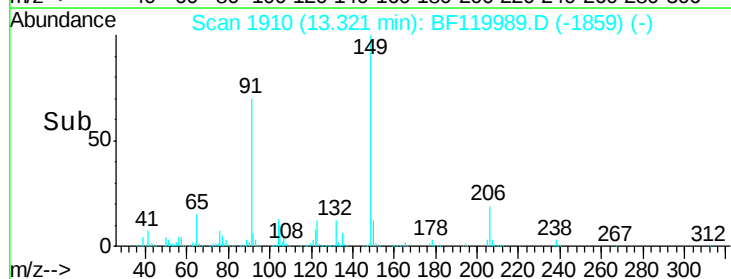
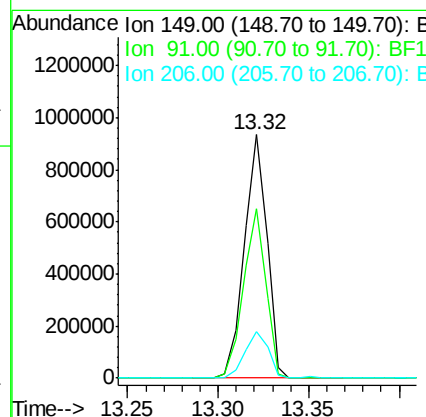
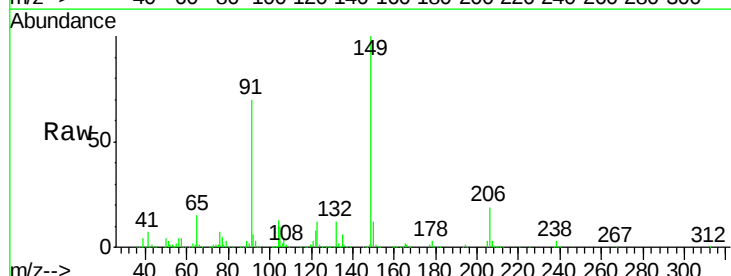
Manual Integrations
 APPROVED

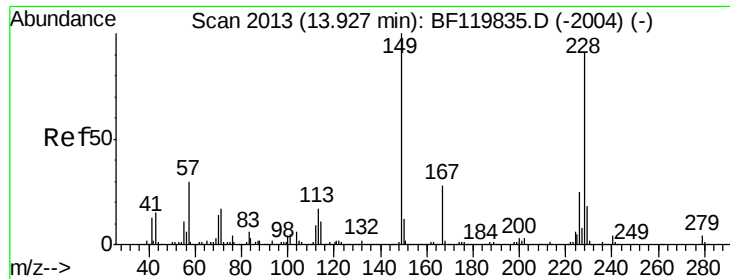
mohammad
 4/16/2020 12:52:42 PM



#80
 Butylbenzylphthalate
 Concen: 39.305 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion:149 Resp: 809107
 Ion Ratio Lower Upper
 149 100
 91 69.8 56.7 85.1
 206 19.2 15.7 23.5





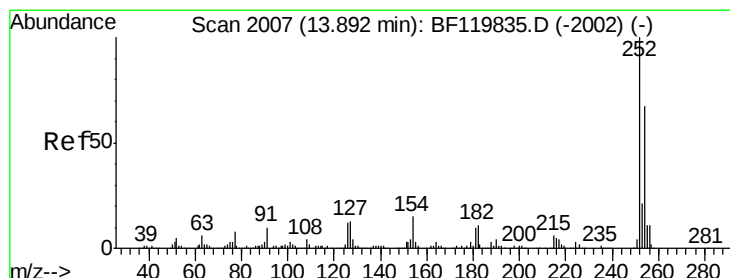
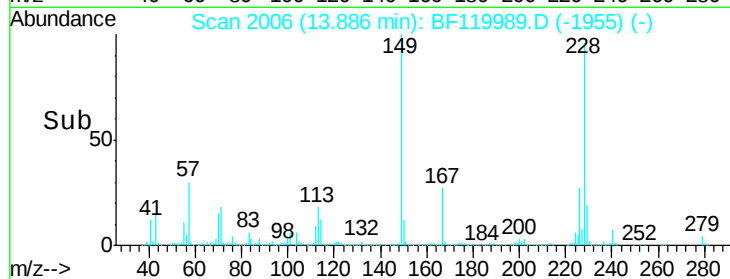
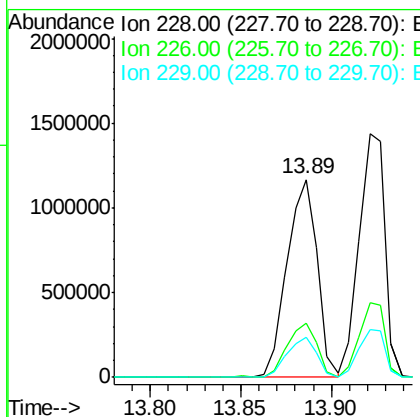
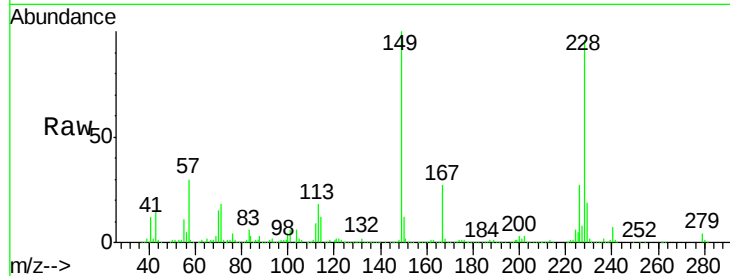
#81
Benzo(a)anthracene
Concen: 41.042 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	20.0	15.9	23.9

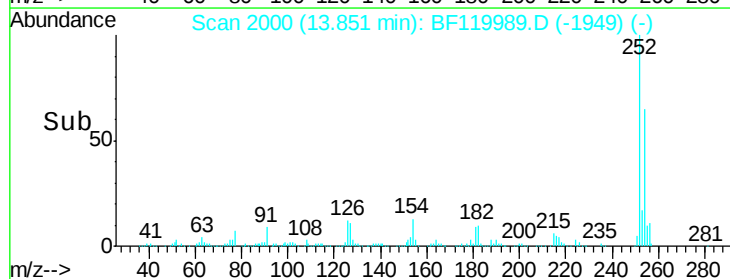
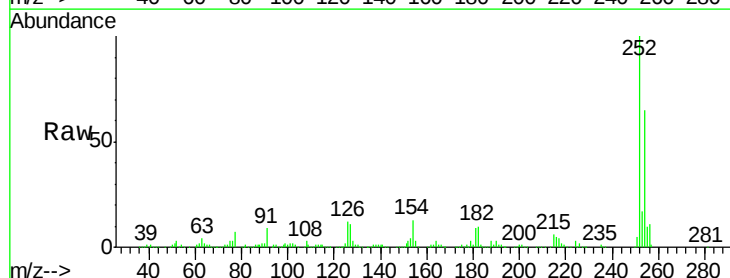
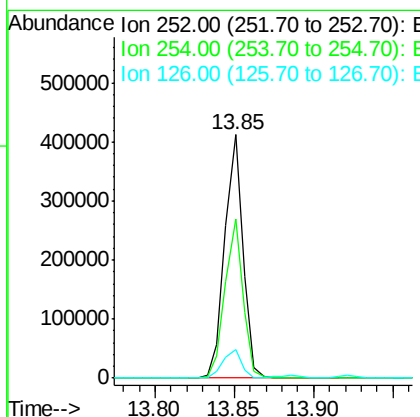
Manual Integrations
APPROVED

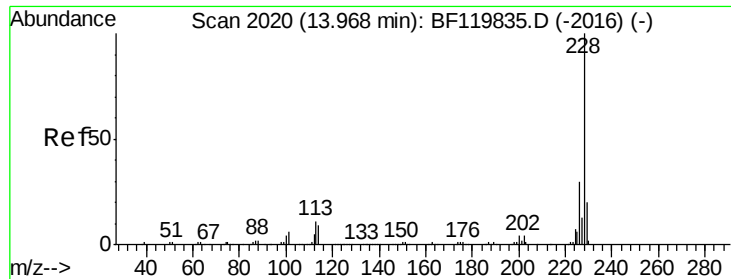
mohammad
4/16/2020 12:52:42 PM



#82
3,3'-Dichlorobenzidine
Concen: 26.626 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.9	80.9
126	11.8	9.7	14.5





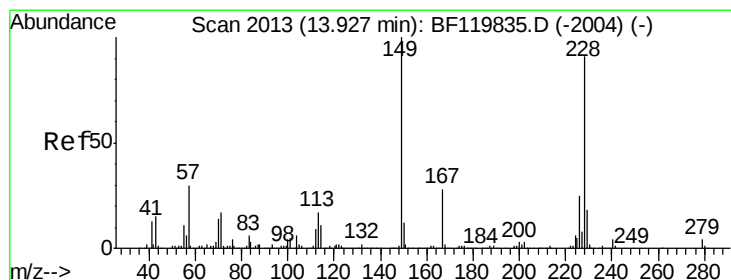
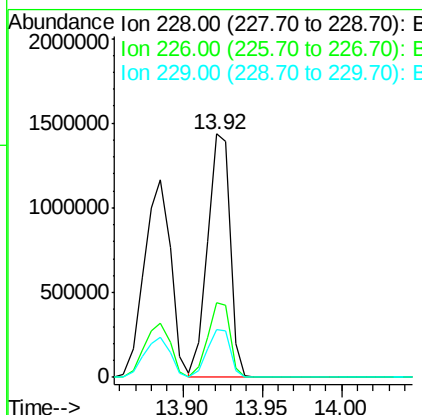
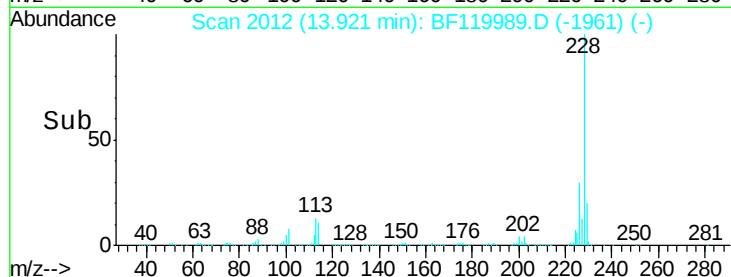
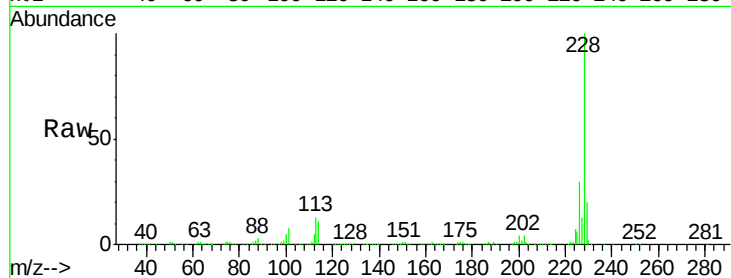
#83
 Chrvsene
 Concen: 42.645 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB128203BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.8	15.9	23.9

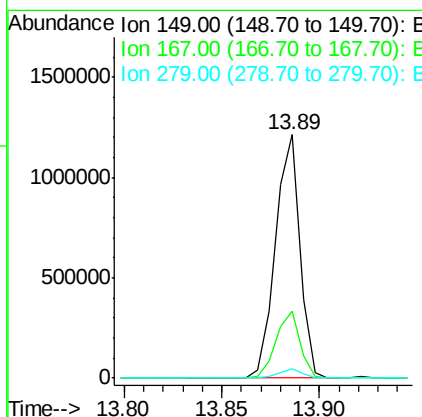
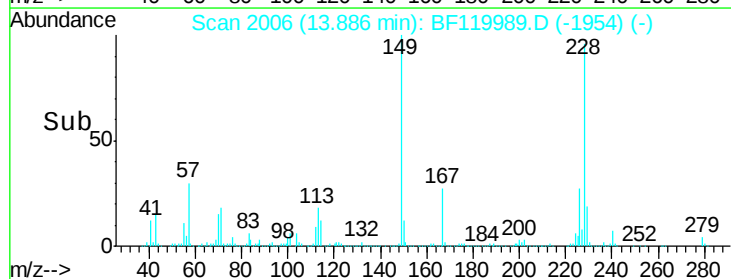
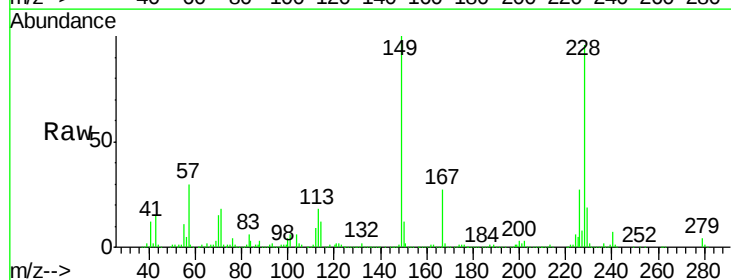
Manual Integrations
 APPROVED

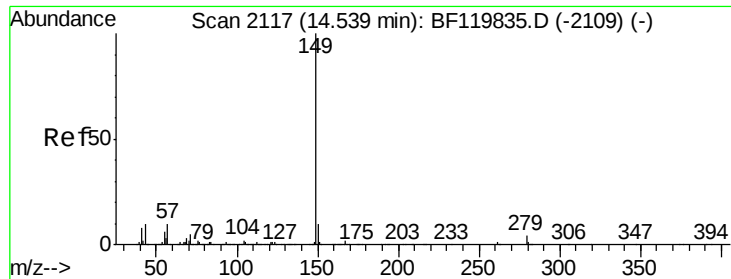
mohammad
 4/16/2020 12:52:42 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.698 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119989.D
 Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	3.6	3.4	5.0





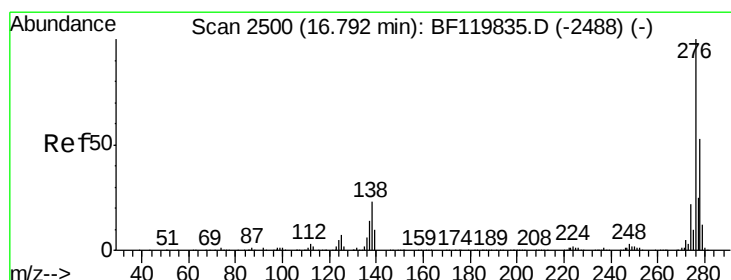
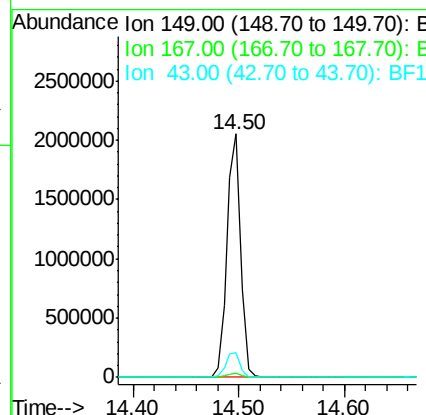
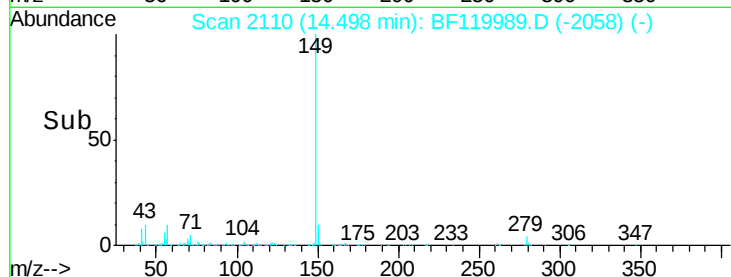
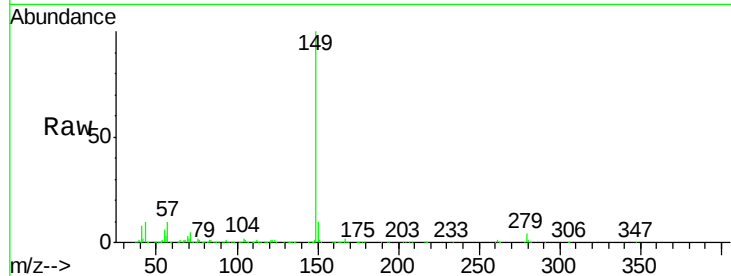
#85
Di-n-octyl phthalate
Concen: 39.178 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	9.2	13.8

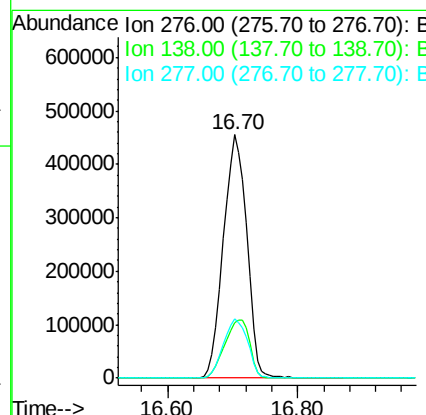
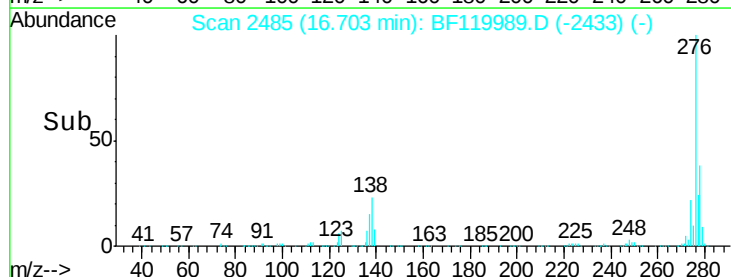
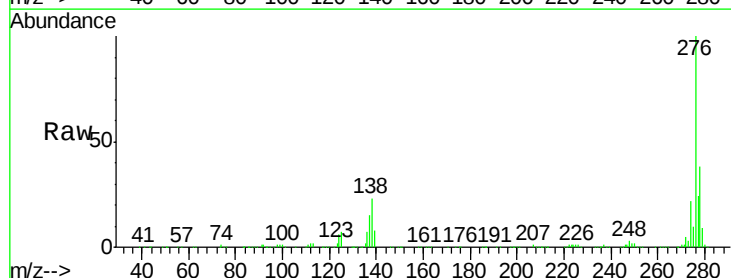
Manual Integrations
APPROVED

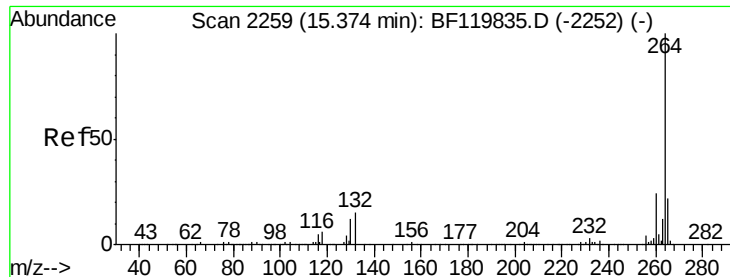
mohammad
4/16/2020 12:52:42 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.393 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.0	27.0
277	25.3	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

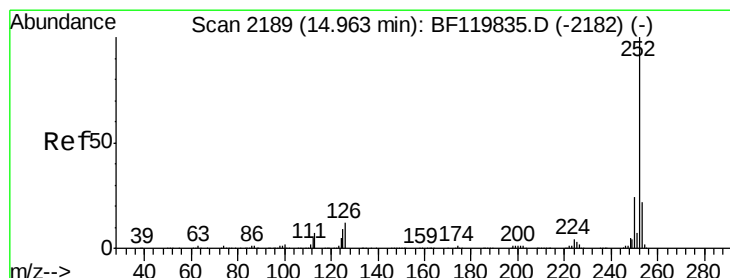
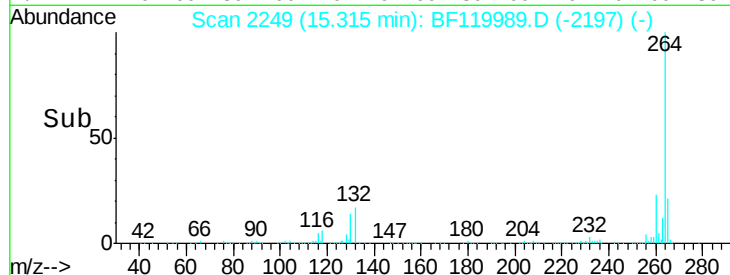
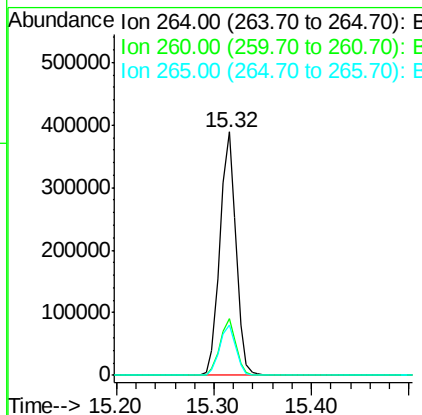
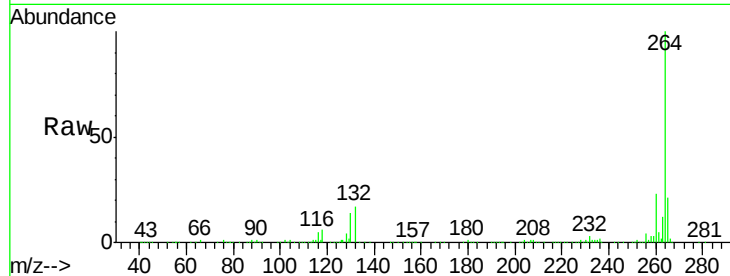
ClientSampleId :

PB128203BS

Tot Ion:	264	Resp:	444754
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.3	28.9
265	20.9	17.6	26.4

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



#88

Benzo(b)fluoranthene

Concen: 41.709 ng

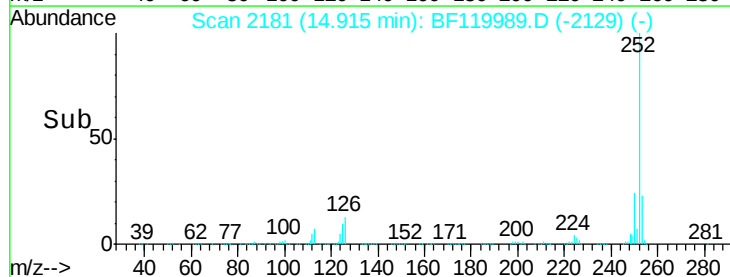
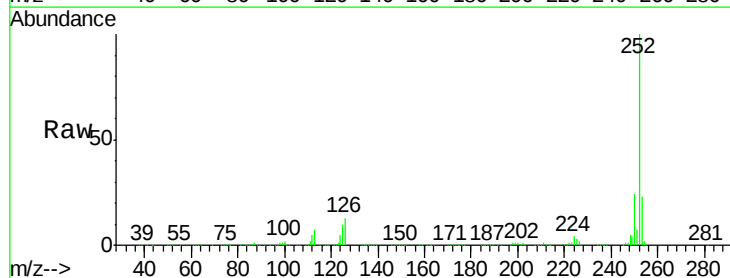
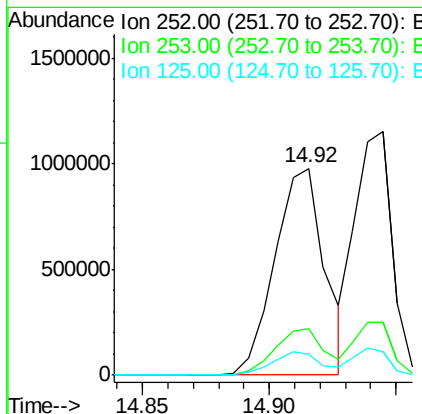
RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Tgt Ion:	252	Resp:	1334446
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	9.9	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 42.748 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB128203BS

Tot Ion:252 Resp: 1180077

Ion Ratio Lower Upper

252 100

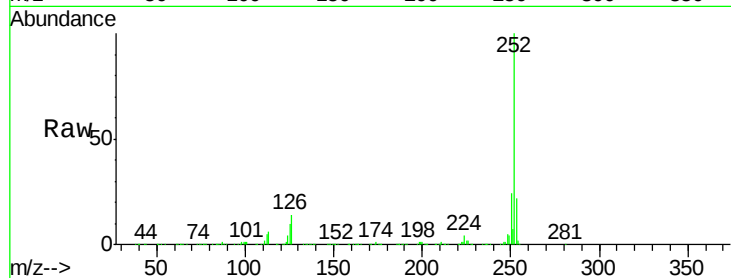
253 21.6 17.8 26.8

125 9.6 7.7 11.5

Manual Integrations
APPROVED

mohammad

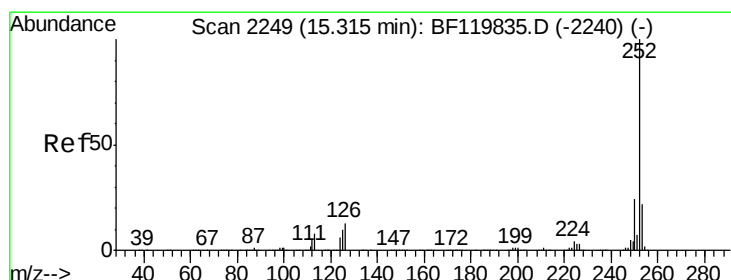
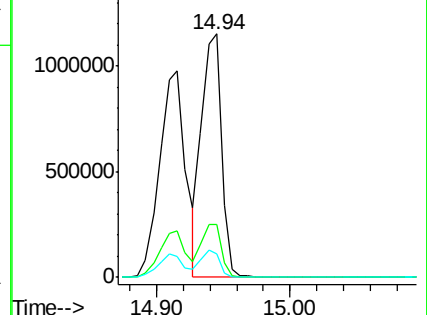
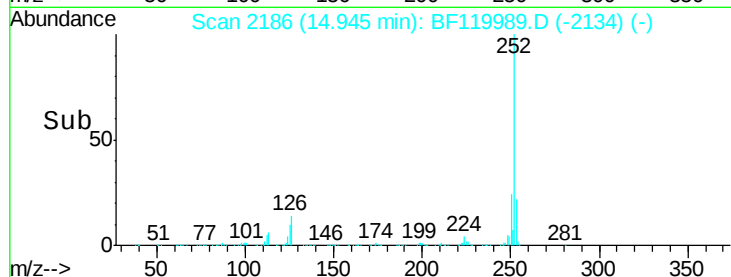
4/16/2020 12:52:42 PM



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



#90

Benzo(a)pyrene

Concen: 41.560 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF119989.D

Acq: 15 Apr 2020 13:12

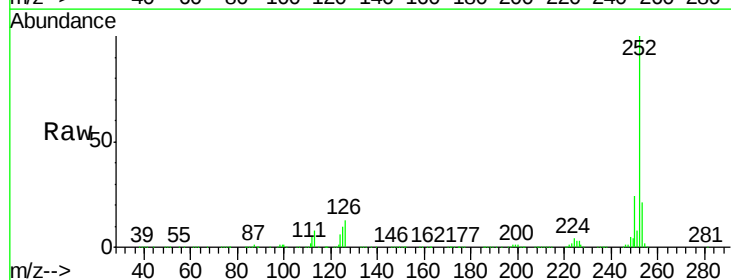
Tgt Ion:252 Resp: 1117998

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

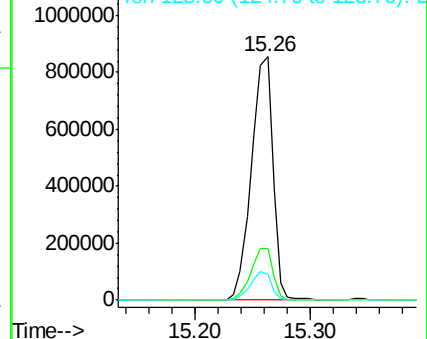
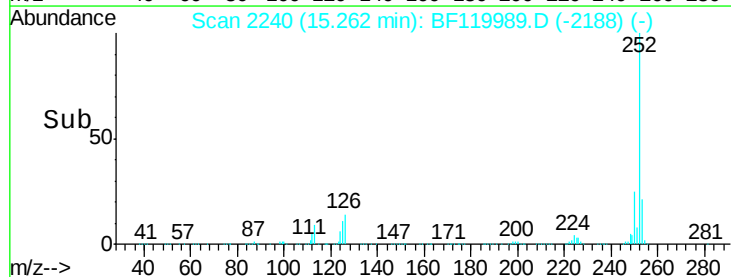
125 10.5 8.3 12.5

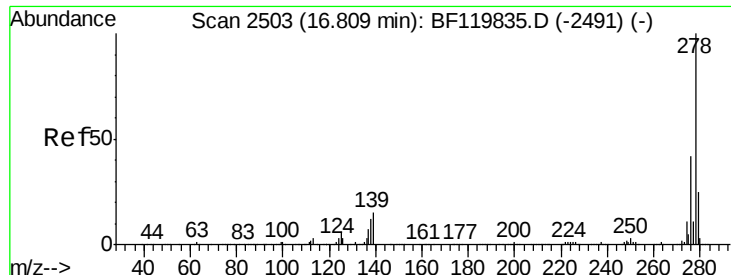


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





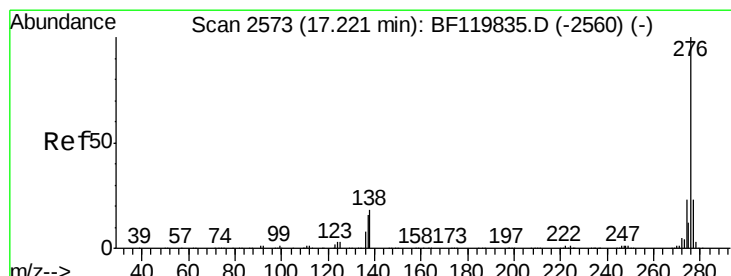
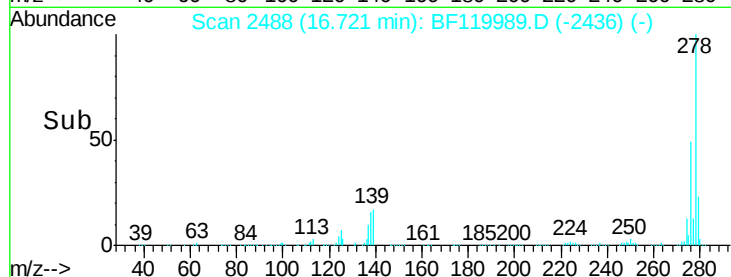
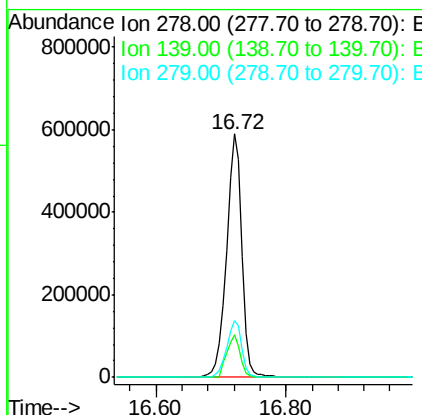
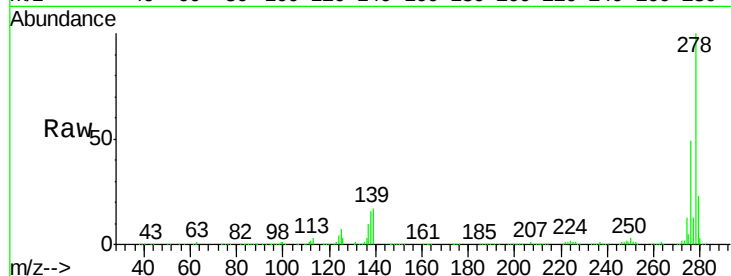
#91
Dibenzo(a,h)anthracene
Concen: 40.130 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	11.6	17.4
279	23.2	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:42 PM



#92
Benzo(g,h,i)perylene
Concen: 39.158 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF119989.D
Acq: 15 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	21.0	14.6	22.0

