

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119986.D
 Acq On : 15 Apr 2020 11:52
 Operator : MA/SJ
 Sample : L2225-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:38 PM

Quant Time: Apr 15 13:48:48 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	6.73	152	177587	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	686725	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	361669	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	691718	20.00	ng	0.00
76) Chrysene-d12	13.90	240	466084	20.00	ng	0.00
87) Perylene-d12	15.32	264	392299	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1474030	143.44	ng	0.02
7) Phenol-d6	6.37	99	1690860	127.70	ng	0.00
23) Nitrobenzene-d5	7.30	82	1281717	96.56	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	557877	125.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2473113	97.09	ng	0.00
79) Terphenyl-d14	12.84	244	2644978	95.49	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.58	88	231361	50.550	ng	# 80
3) Pyridine	3.25	79	367154	29.238	ng	96
4) n-Nitrosodimethylamine	3.17	42	323441	50.412	ng	93
6) Aniline	6.39	93	306268	17.623	ng	# 86
8) 2-Chlorophenol	6.51	128	670026	58.357	ng	96
9) Benzaldehyde	6.27	77	195046	22.366	ng	98
10) Phenol	6.38	94	683352	45.490	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	688374	59.349	ng	98
12) 1,3-Dichlorobenzene	6.67	146	686015	54.576	ng	98
13) 1,4-Dichlorobenzene	6.75	146	691345	53.992	ng	99
14) 1,2-Dichlorobenzene	6.90	146	642771	54.470	ng	96
15) Benzyl Alcohol	6.87	79	535345	52.054	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1129219	50.031	ng	96
17) 2-Methylphenol	6.99	107	535040	52.218	ng	97
18) Hexachloroethane	7.24	117	266142	55.616	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	478901	56.244	ng	96
20) 3+4-Methylphenols	7.15	107	633422	50.546	ng	98
22) Acetophenone	7.14	105	901555	56.064	ng	# 98
24) Nitrobenzene	7.32	77	712417	53.351	ng	97
25) Isophorone	7.56	82	1337114	52.254	ng	99
26) 2-Nitrophenol	7.63	139	370403	55.521	ng	97
27) 2,4-Dimethylphenol	7.67	122	564537	56.108	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	845007	56.119	ng	99
29) 2,4-Dichlorophenol	7.87	162	566126	54.892	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	605457	51.811	ng	98
31) Naphthalene	8.03	128	1925814	53.301	ng	100
32) Benzoic acid	7.81	122	407650	46.132	ng	96
33) 4-Chloroaniline	8.09	127	172562	10.971	ng	97
34) Hexachlorobutadiene	8.15	225	345818	49.436	ng	98
35) Caprolactam	8.47	113	134146m	42.521	ng	
36) 4-Chloro-3-methylphenol	8.57	107	610906	54.711	ng	98
37) 2-Methylnaphthalene	8.73	142	1325010	54.092	ng	99
38) 1-Methylnaphthalene	8.83	142	1253604	54.297	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	565764	49.528	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119986.D
 Acq On : 15 Apr 2020 11:52
 Operator : MA/SJ
 Sample : L2225-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:38 PM

Quant Time: Apr 15 13:48:48 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	696096	107.165	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	425852	53.986	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	453527	51.048	nq	96
46) 1,1'-Biphenyl	9.19	154	1607975	52.674	nq	98
47) 2-Chloronaphthalene	9.22	162	1243611	52.883	nq	97
48) 2-Nitroaniline	9.32	65	438864	51.498	nq	98
49) Acenaphthylene	9.63	152	1910881	53.431	nq	100
50) Dimethylphthalate	9.50	163	1472829	52.649	nq	99
51) 2,6-Dinitrotoluene	9.56	165	326357	53.274	nq #	85
52) Acenaphthene	9.80	154	1177041	49.338	nq	99
53) 3-Nitroaniline	9.73	138	151235	21.616	nq	95
54) 2,4-Dinitrophenol	9.84	184	418307	114.054	nq	95
55) Dibenzofuran	9.98	168	1705106	52.084	nq	100
56) 4-Nitrophenol	9.90	139	464871	89.300	nq	91
57) 2,4-Dinitrotoluene	9.97	165	424488	52.594	nq	97
58) Fluorene	10.32	166	1332535	50.895	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	383334	56.415	nq	97
60) Diethylphthalate	10.20	149	1504252	51.882	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	643353	47.943	nq	98
62) 4-Nitroaniline	10.35	138	328940	49.334	nq	97
63) Azobenzene	10.47	77	1412227	54.350	nq	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	264521	58.046	nq	85
66) n-Nitrosodiphenylamine	10.44	169	1222622	53.147	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	406718	47.281	nq	99
68) Hexachlorobenzene	10.87	284	436495	50.019	nq	99
69) Atrazine	10.97	200	343134	53.610	nq	96
70) Pentachlorophenol	11.06	266	489769	97.390	nq	99
71) Phenanthrene	11.28	178	1934833	52.557	nq	97
72) Anthracene	11.33	178	1986190	52.814	nq	100
73) Carbazole	11.49	167	1803675	50.716	nq	99
74) Di-n-butylphthalate	11.83	149	2347310	50.207	nq	99
75) Fluoranthene	12.47	202	2081787	52.409	nq	99
77) Benzidine	12.59	184	70638	4.484	nq	100
78) Pyrene	12.70	202	2096055	53.346	nq	99
80) Butylbenzylphthalate	13.32	149	976406	51.213	nq	99
81) Benzo(a)anthracene	13.89	228	1581178	51.568	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	265129	23.174	nq	96
83) Chrysene	13.93	228	1663246	53.386	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1247656	48.323	nq	99
85) Di-n-octyl phthalate	14.50	149	2169363	49.348	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1337719	48.710	nq	97
88) Benzo(b)fluoranthene	14.92	252	1512597	53.598	nq	99
89) Benzo(k)fluoranthene	14.94	252	1368192	56.189	nq	99
90) Benzo(a)pyrene	15.26	252	1273444	53.668	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	1120902	53.330	nq	98
92) Benzo(g,h,i)perylene	17.13	276	1086633	52.375	nq #	94

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



#1

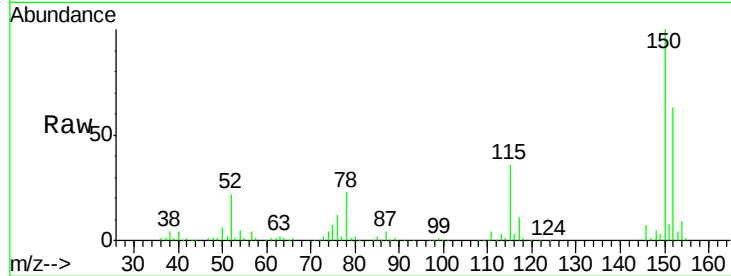
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.8	187.2
115	56.5	46.5	69.7

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM

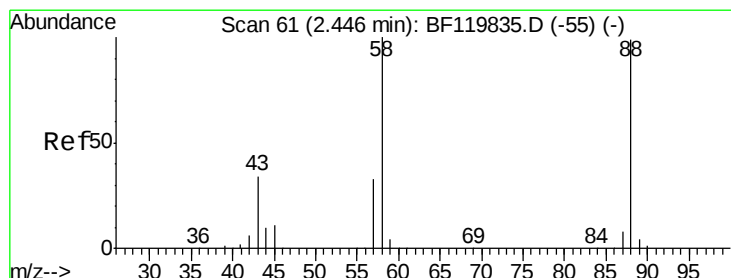
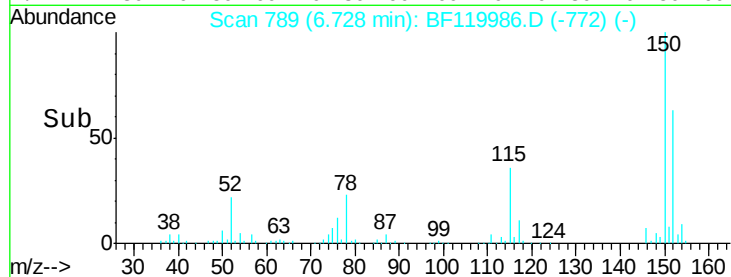
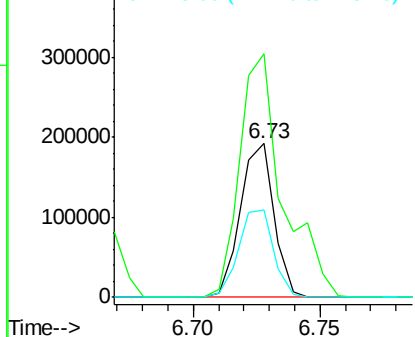


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

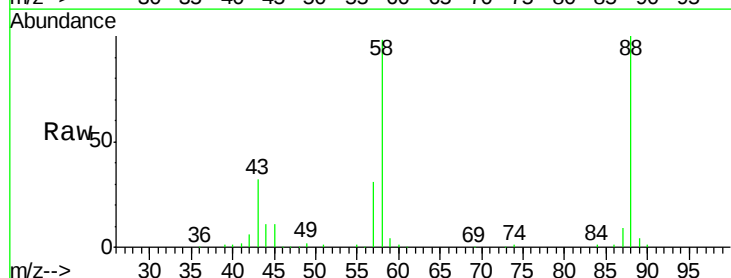
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 50.550 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.20 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	82.6	123.8
43	0.0	28.6	42.8#

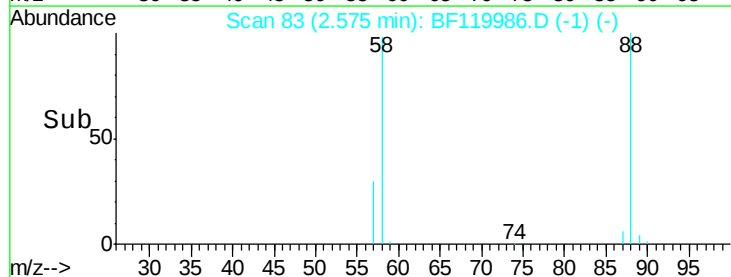
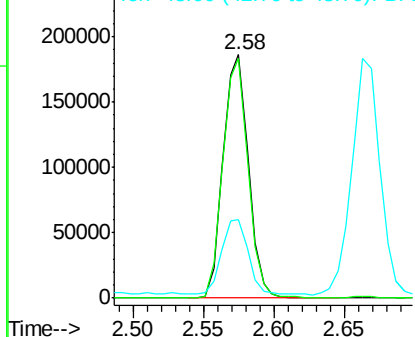


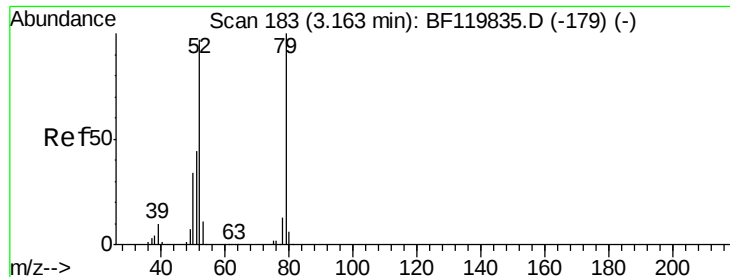
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.238 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.18 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

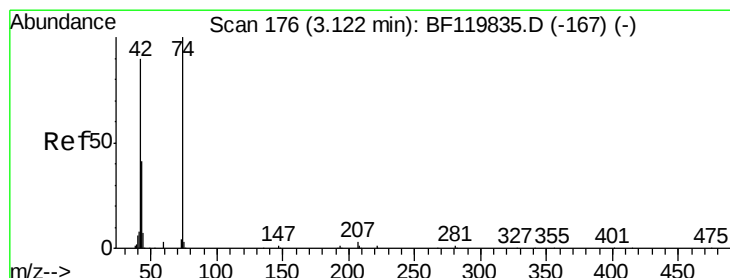
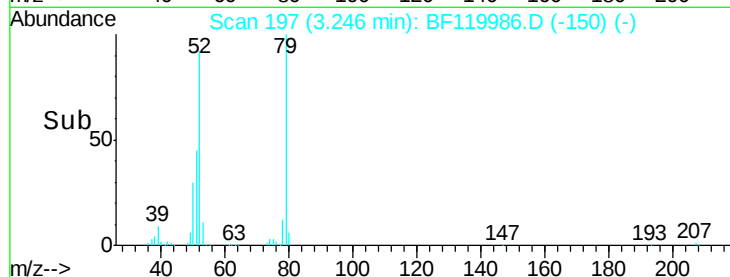
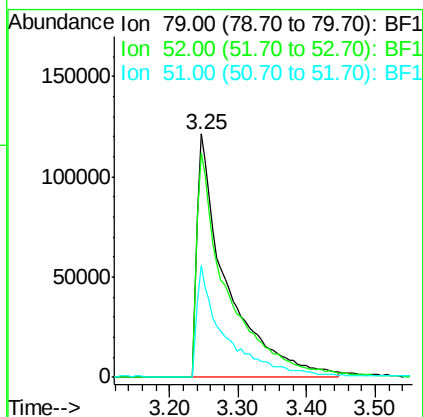
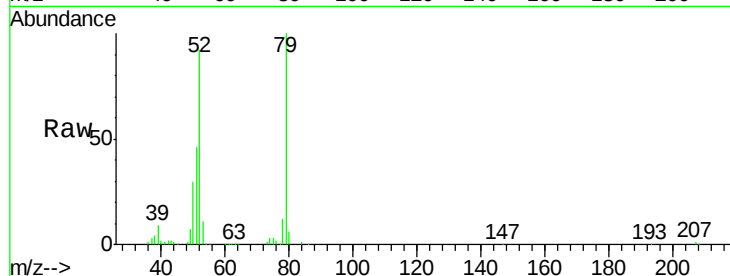
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	79	Resp:	367154
Ion Ratio	Lower	Upper	
79	100		
52	92.4	77.4	116.0
51	45.9	35.3	52.9

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#4

n-Nitrosodimethylamine

Concen: 50.412 ng

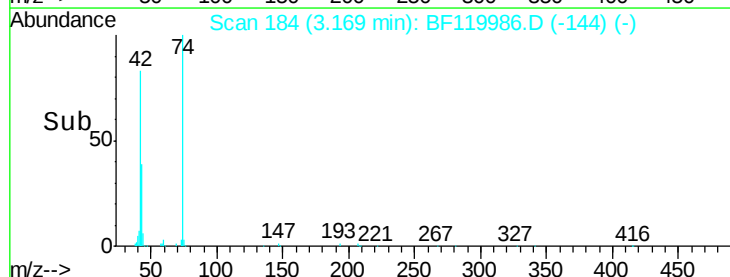
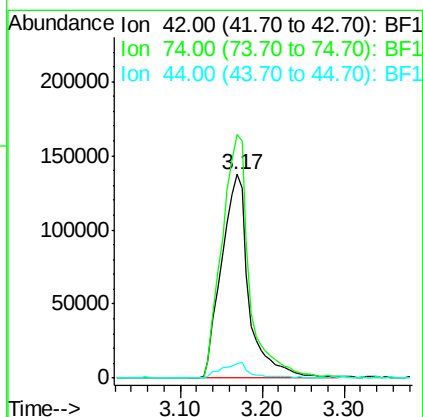
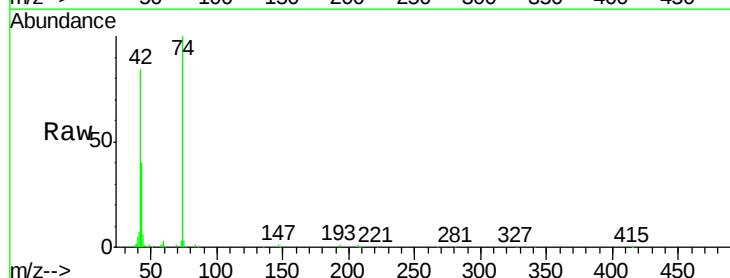
RT: 3.17 min Scan# 184

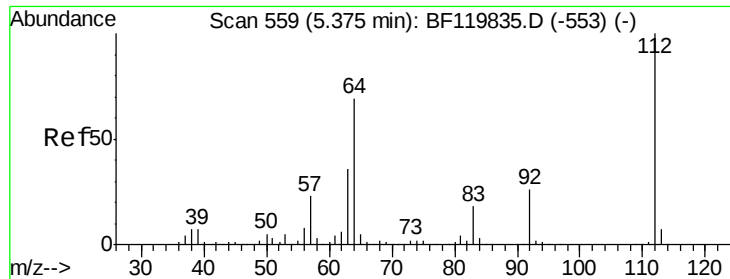
Delta R.T. 0.14 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	42	Resp:	323441
Ion Ratio	Lower	Upper	
42	100		
74	119.6	89.0	133.4
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 143.445 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

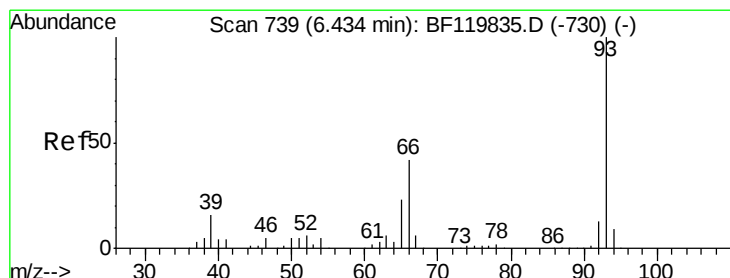
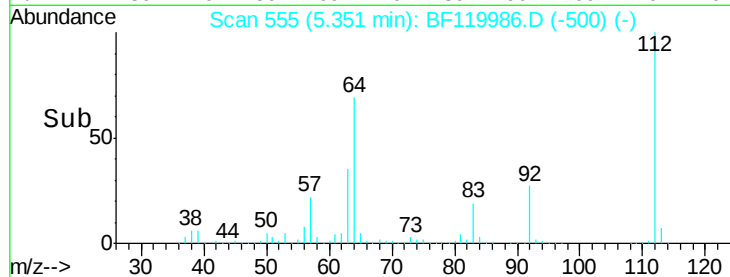
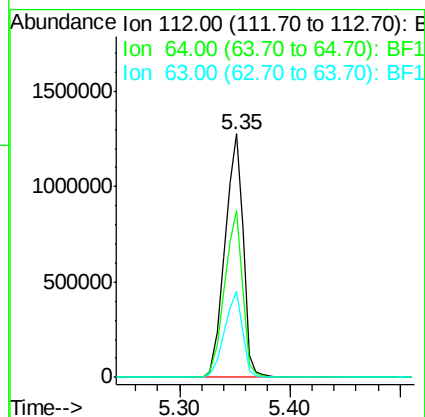
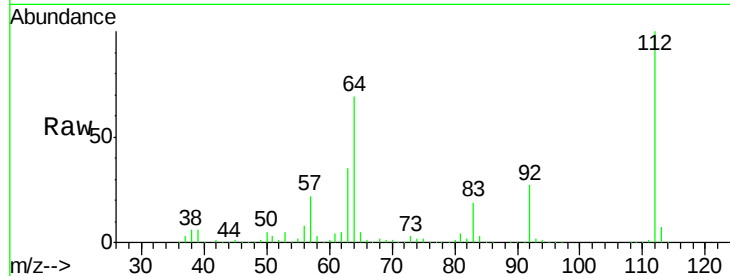
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	112	Resp:	1474030
Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.5	83.3
63	35.4	29.1	43.7

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#6

Aniline

Concen: 17.623 ng

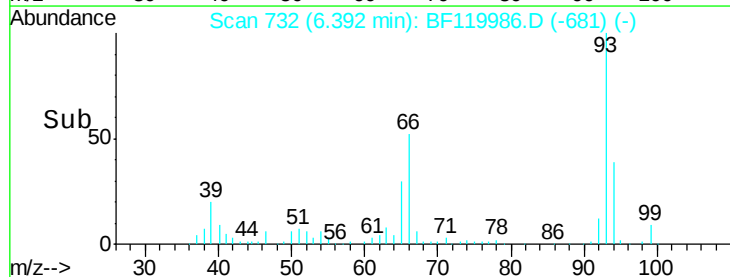
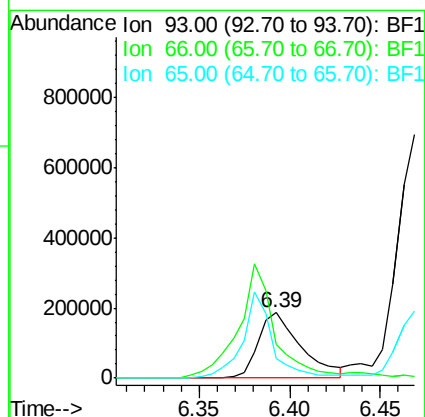
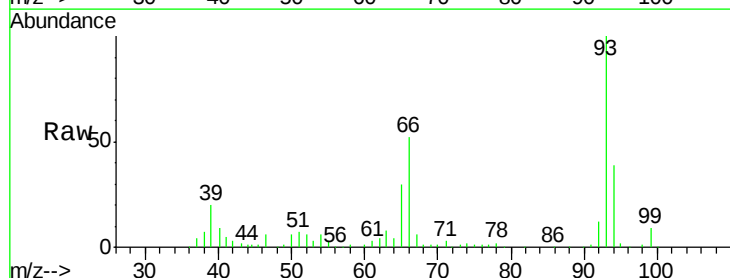
RT: 6.39 min Scan# 732

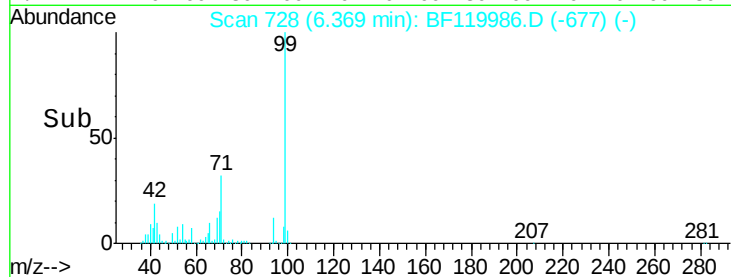
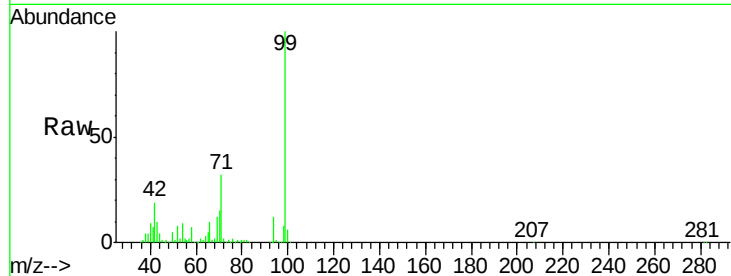
Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	93	Resp:	306268
Ion	Ratio	Lower	Upper
93	100		
66	51.9	34.2	51.2#
65	29.7	18.3	27.5#





#7

Phenol-d6

Concen: 127.698 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tot Ion:	99	Resp:	1690860
Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.9	25.3
71	32.5	26.3	39.5

Instrument :

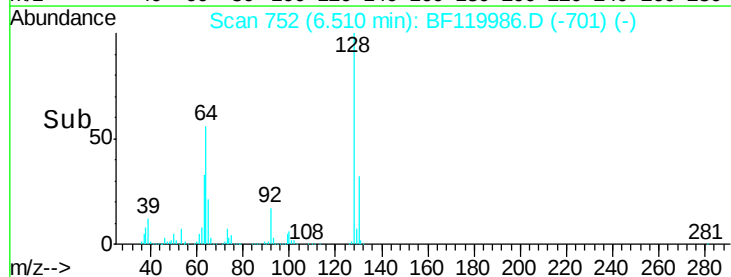
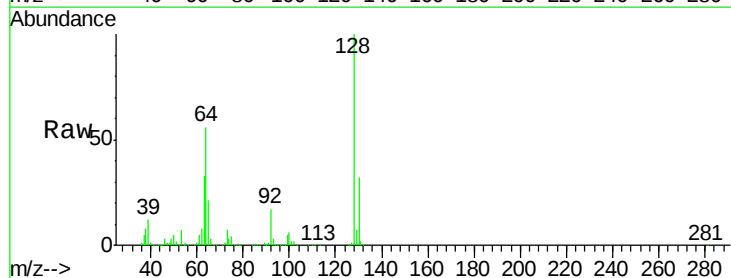
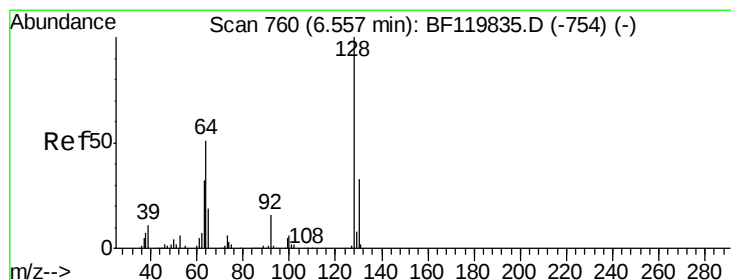
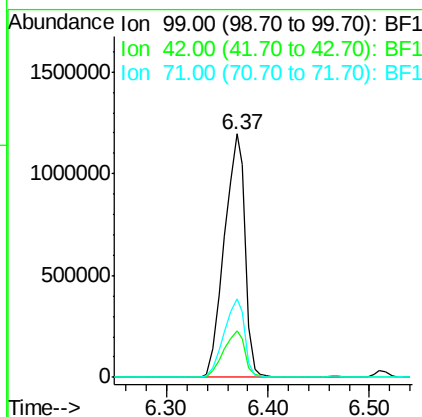
BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#8

2-Chlorophenol

Concen: 58.357 ng

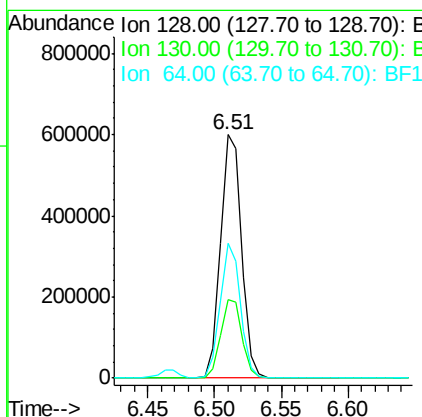
RT: 6.51 min Scan# 752

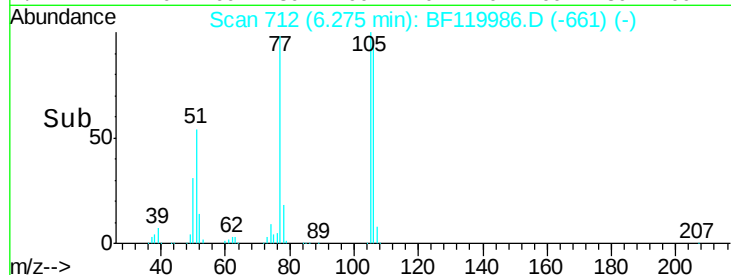
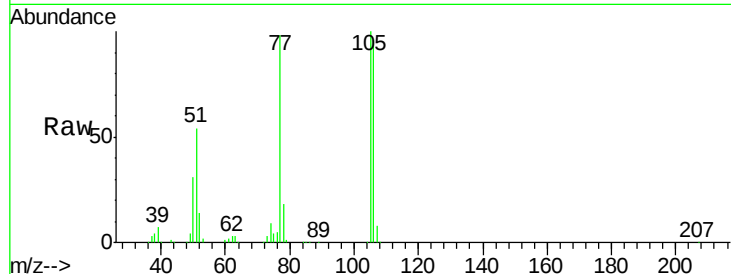
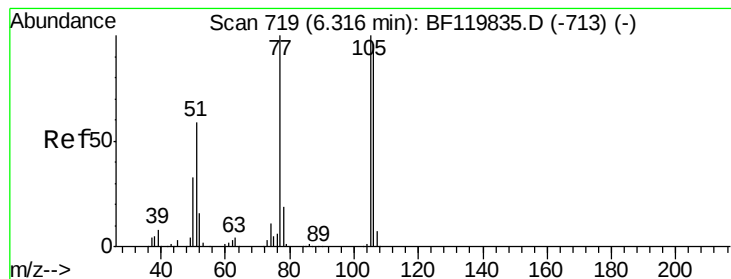
Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	128	Resp:	670026
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	55.6	32.0	72.0





#9

Benzaldehyde

Concen: 22.366 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.5	79.9	119.9		
106	98.3	76.4	116.4		

Instrument :

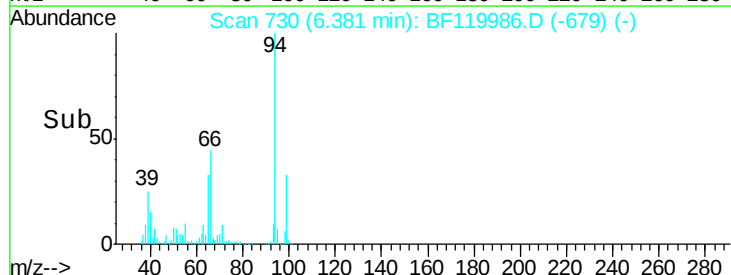
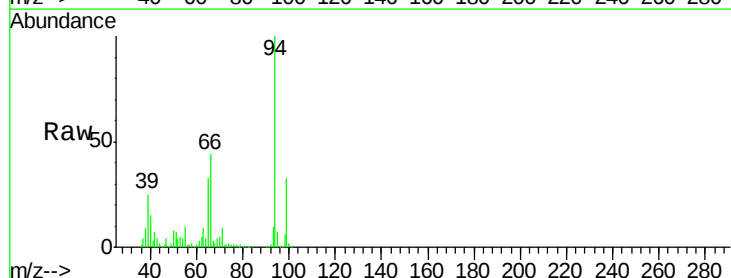
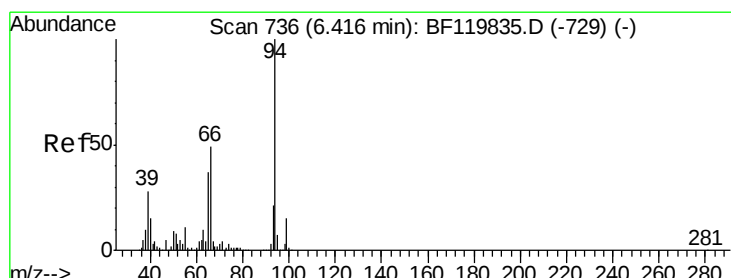
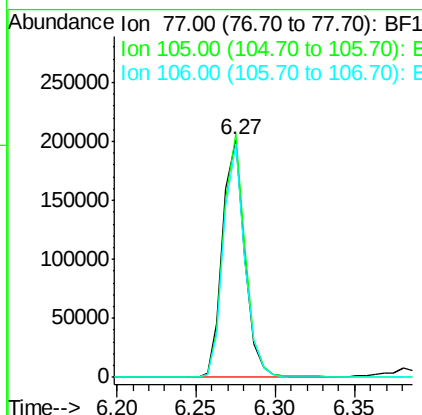
BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#10

Phenol

Concen: 45.490 ng

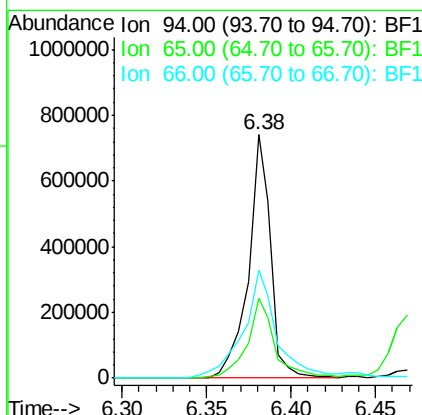
RT: 6.38 min Scan# 730

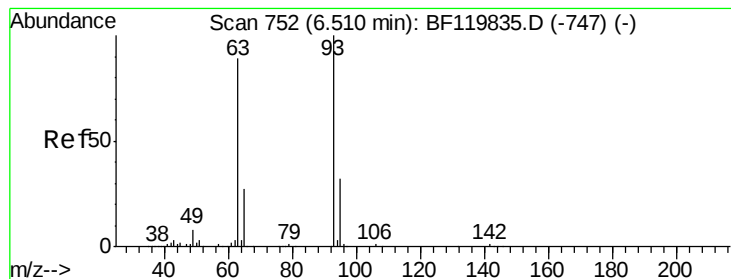
Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.0	16.6	56.6		
66	44.2	29.3	69.3		





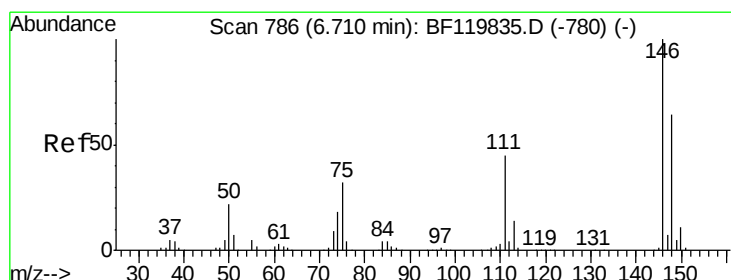
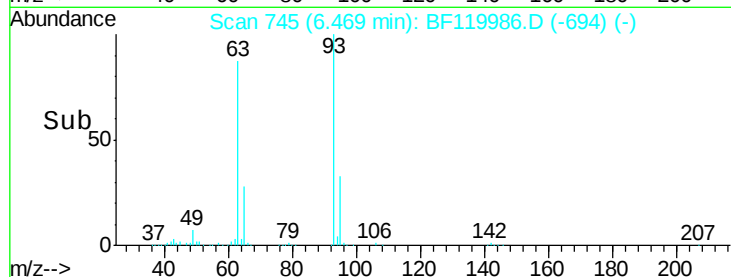
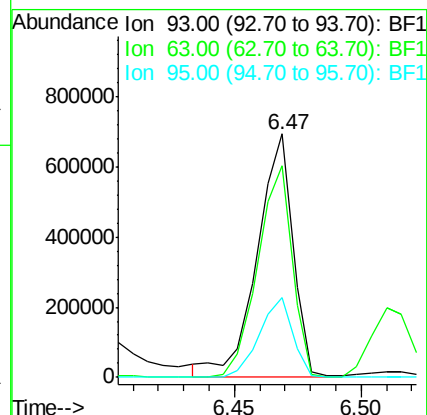
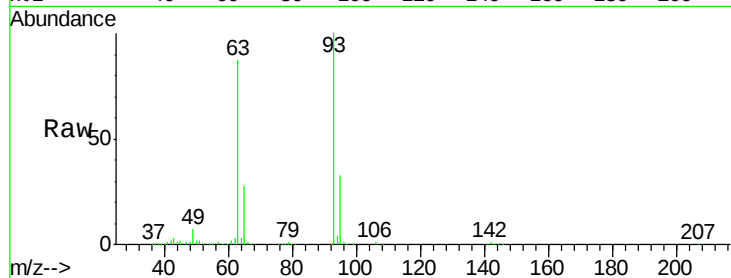
#11
bis(2-Chloroethyl)ether
Concen: 59.349 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	688374		
63	87.1	69.1	109.1	
95	32.9	12.3	52.3	

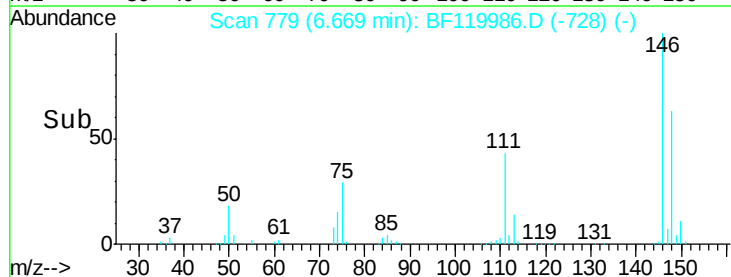
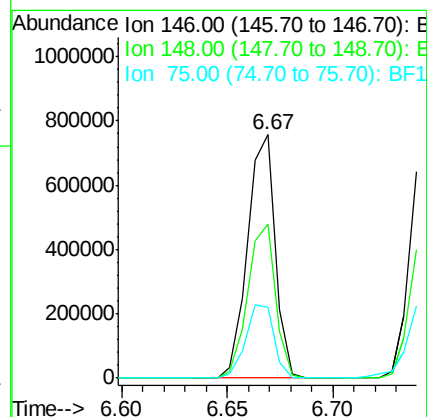
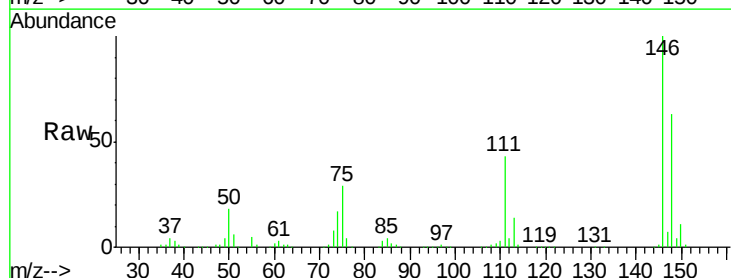
Manual Integrations
APPROVED

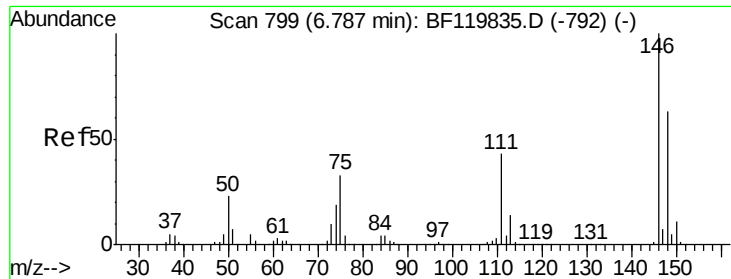
mohammad
4/16/2020 12:52:38 PM



#12
1,3-Dichlorobenzene
Concen: 54.576 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	686015		
148	63.2	51.3	76.9	
75	29.1	25.3	37.9	





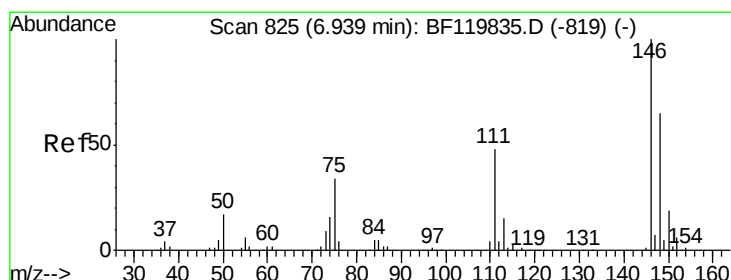
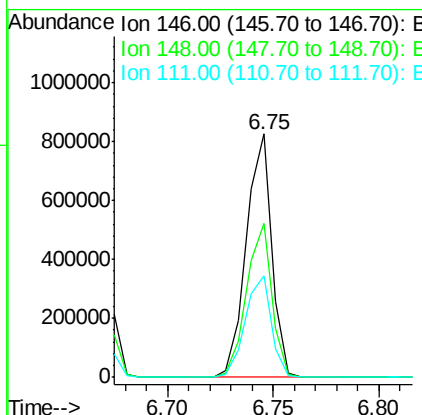
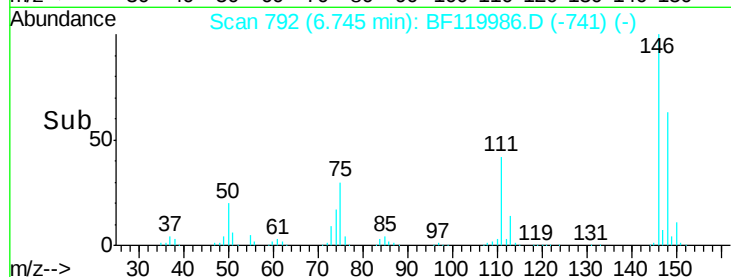
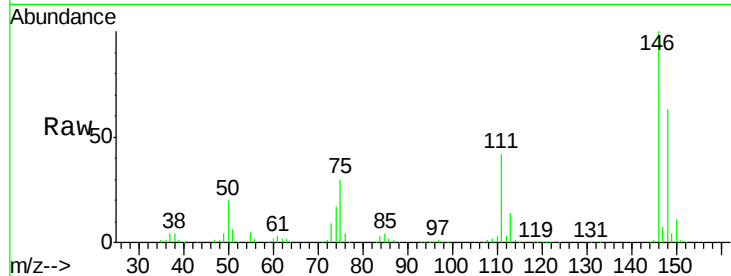
#13
 1,4-Dichlorobenzene
 Concen: 53.992 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	41.8	34.7	52.1

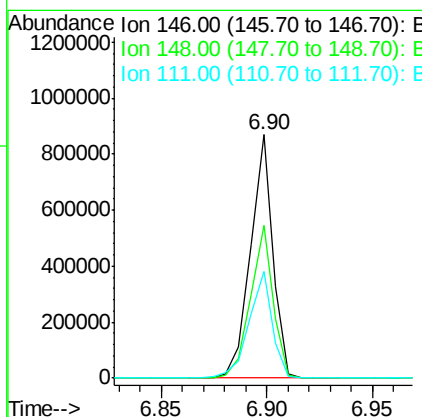
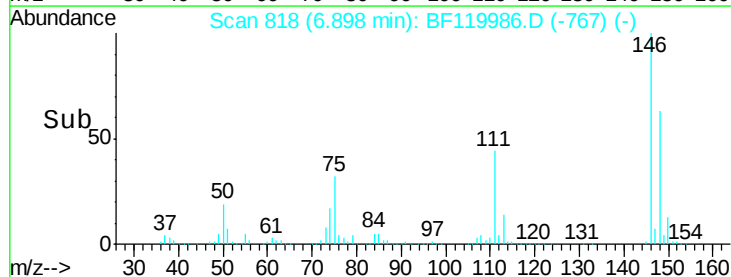
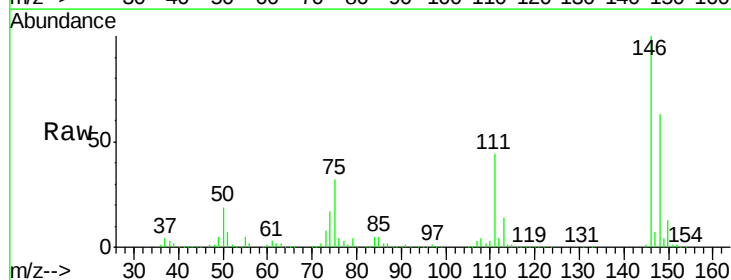
Manual Integrations
 APPROVED

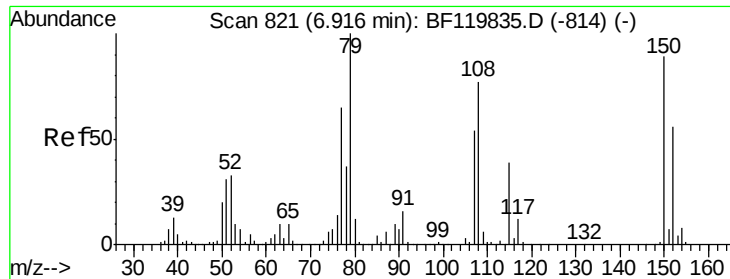
mohammad
 4/16/2020 12:52:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 54.470 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
111	44.0	38.0	57.0





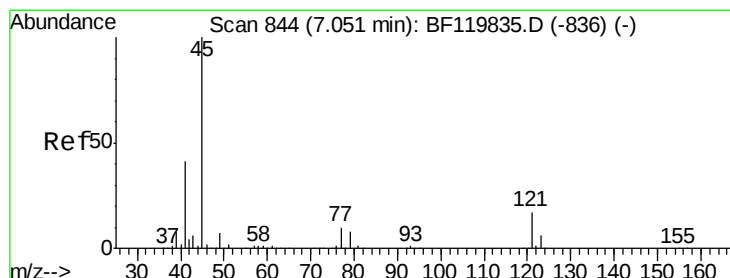
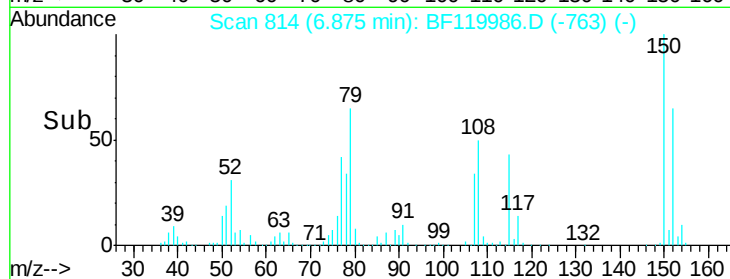
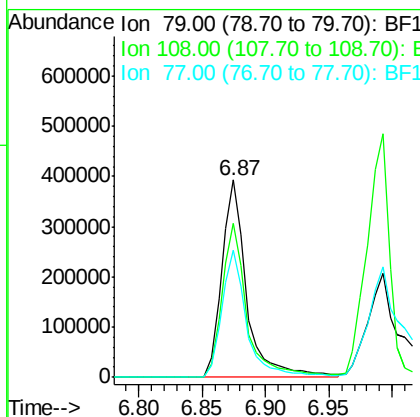
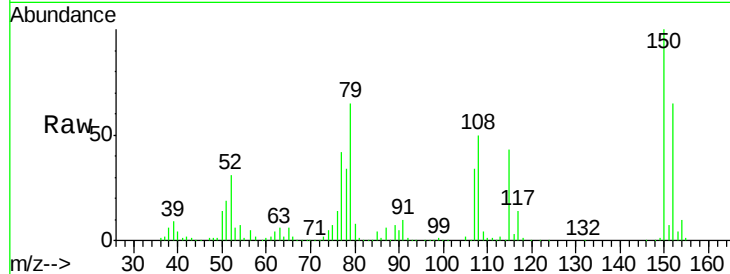
#15
Benzyl Alcohol
Concen: 52.054 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	62.0	93.0
77	64.4	51.8	77.6

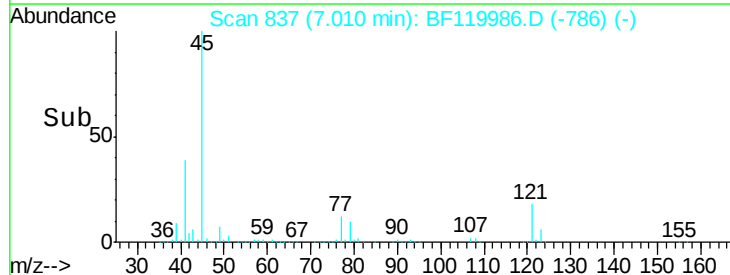
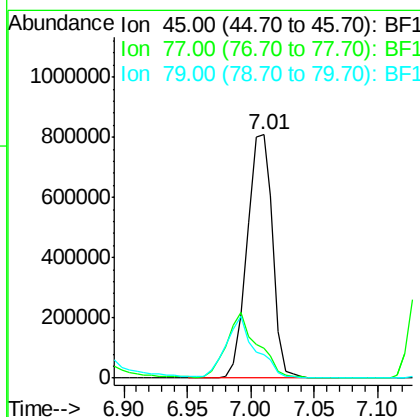
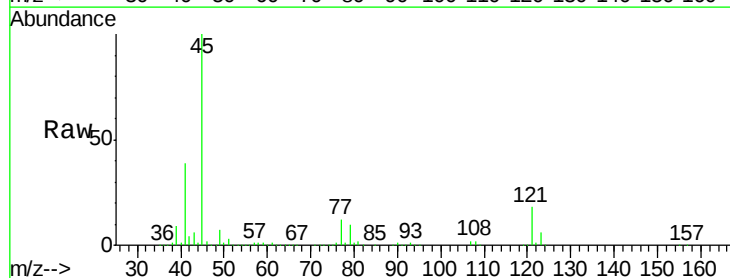
Manual Integrations
APPROVED

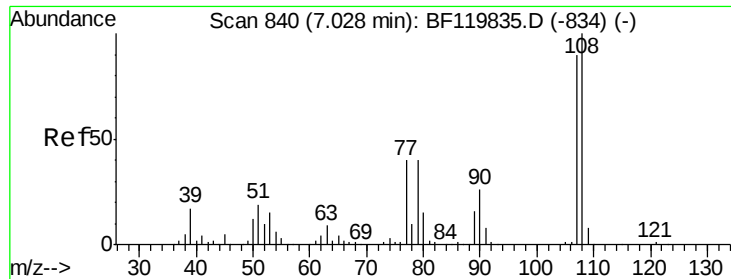
mohammad
4/16/2020 12:52:38 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.031 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	30.7
79	9.7	0.0	28.6





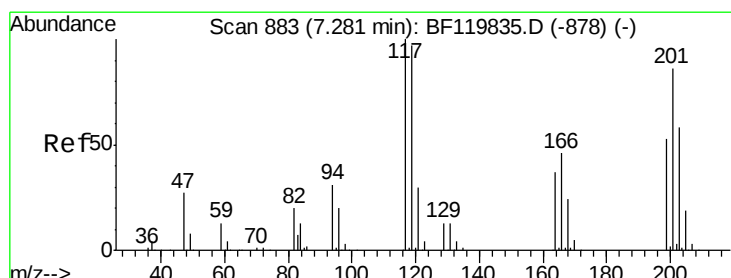
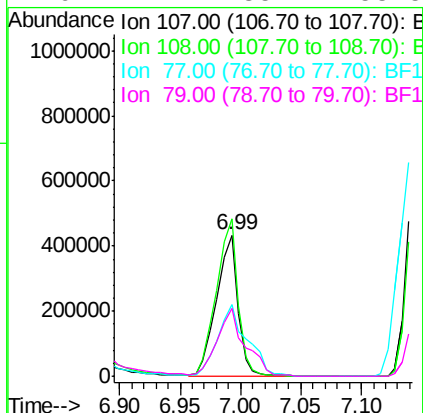
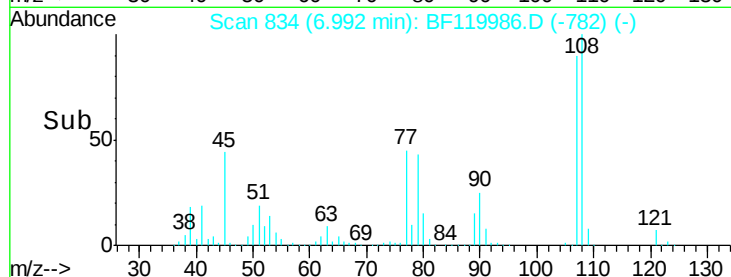
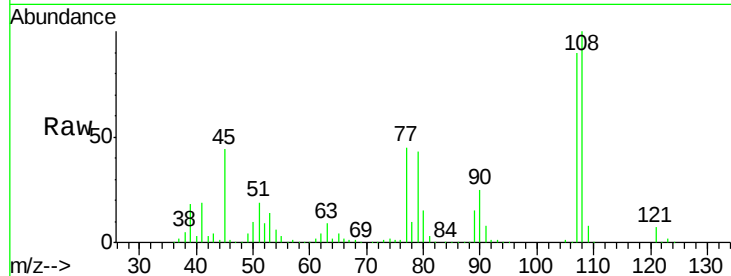
#17
2-Methylphenol
Concen: 52.218 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	88.8	133.2	
77	50.7	36.0	54.0	
79	47.7	35.7	53.5	

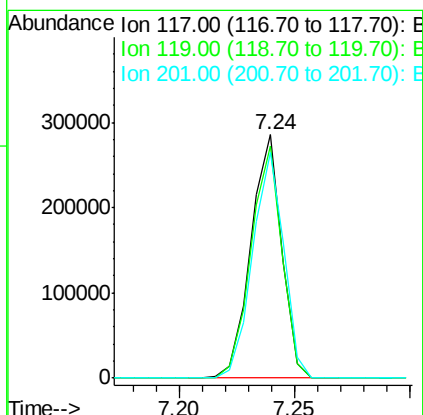
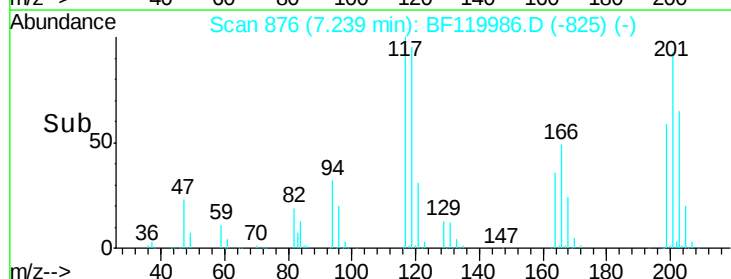
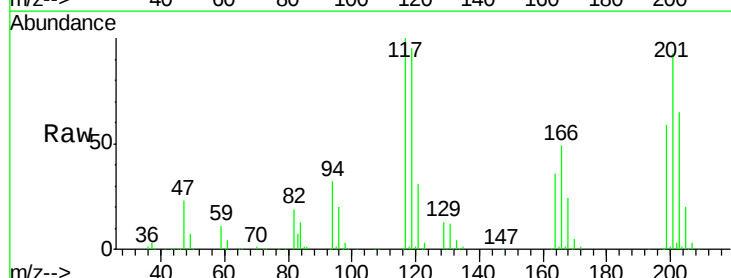
Manual Integrations
APPROVED

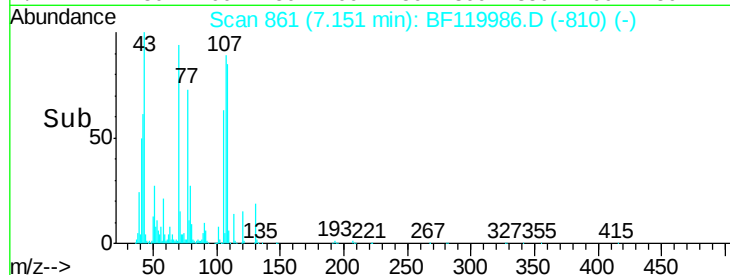
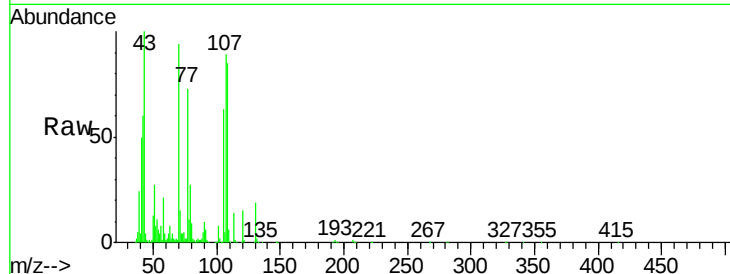
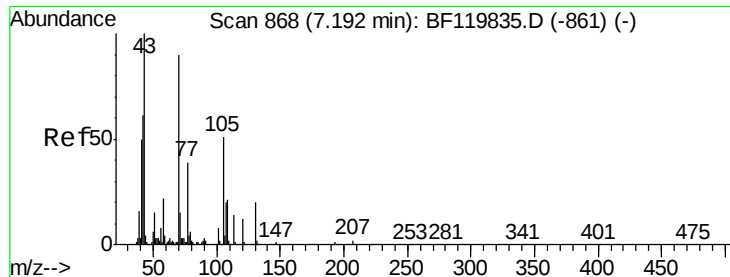
mohammad
4/16/2020 12:52:38 PM



#18
Hexachloroethane
Concen: 55.616 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.4	116.0	
201	92.7	68.4	102.6	





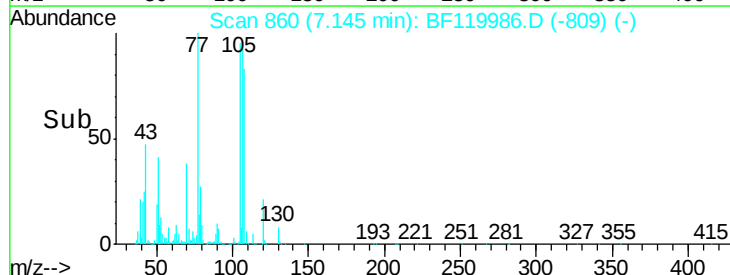
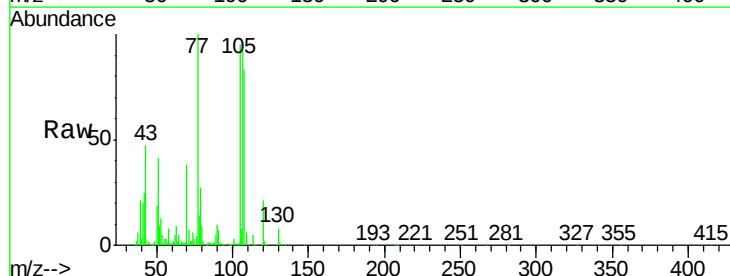
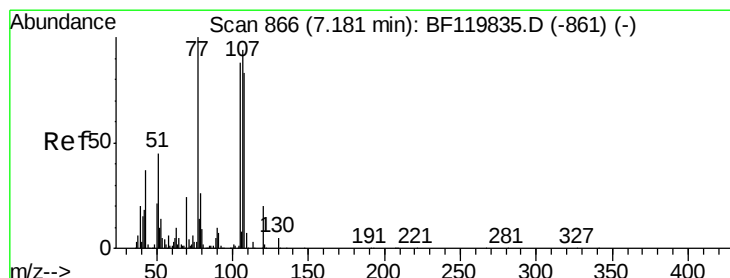
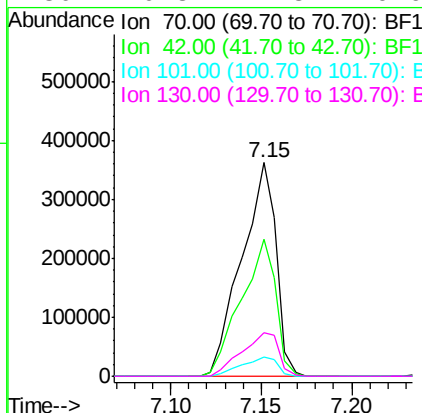
#19
n-Nitroso-di-n-propylamine
Concen: 56.244 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		478901		
42	64.2	54.2	81.4		
101	8.8	7.4	11.2		
130	20.3	17.8	26.6		

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

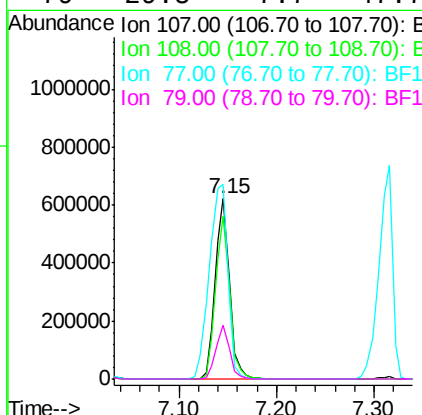
Manual Integrations
APPROVED

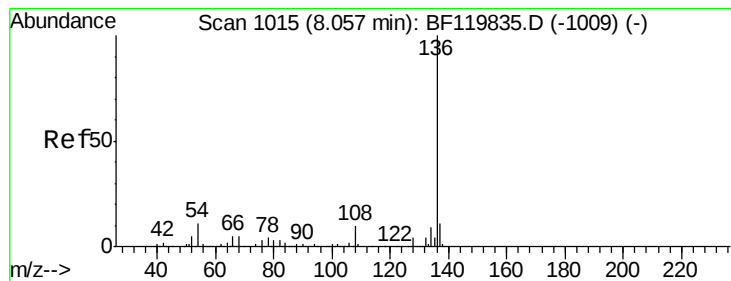
mohammad
4/16/2020 12:52:38 PM



#20
3+4-Methylphenols
Concen: 50.546 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		633422		
108	90.3	68.2	108.2		
77	108.1	86.6	126.6		
79	29.5	7.7	47.7		





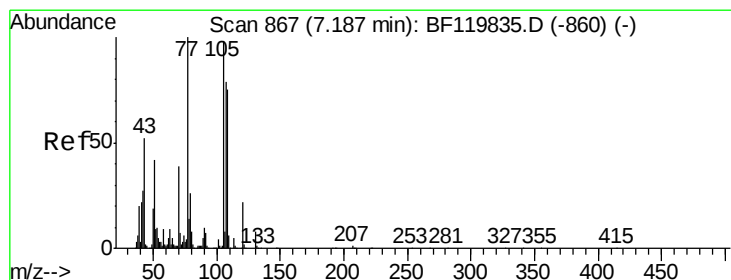
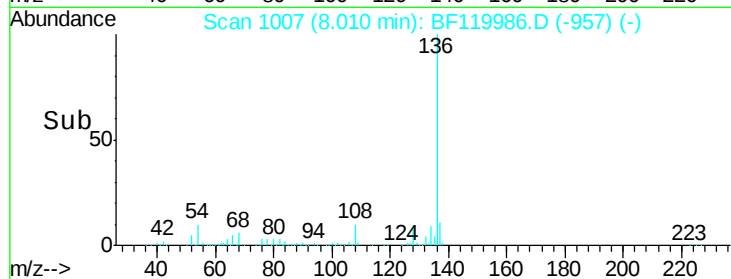
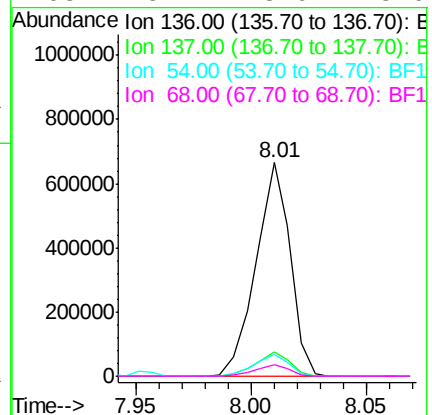
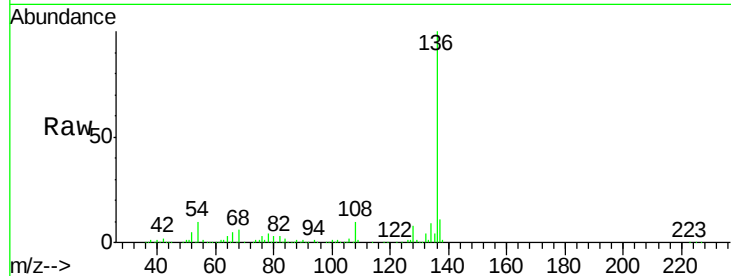
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	686725		
137	11.1	8.7	13.1	
54	10.0	8.5	12.7	
68	5.7	3.9	5.9	

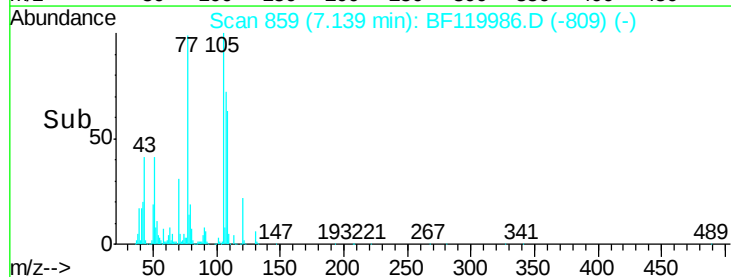
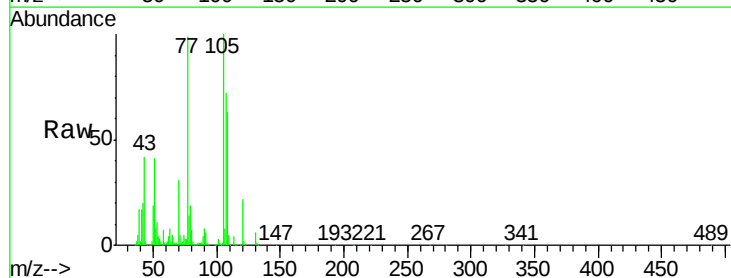
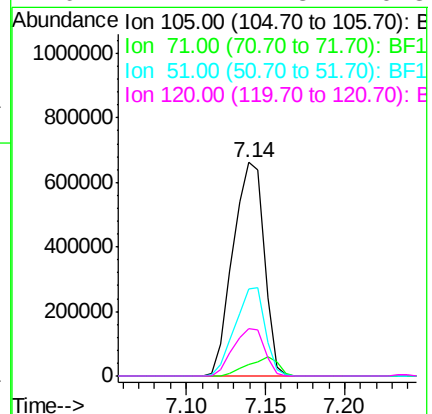
Manual Integrations
APPROVED

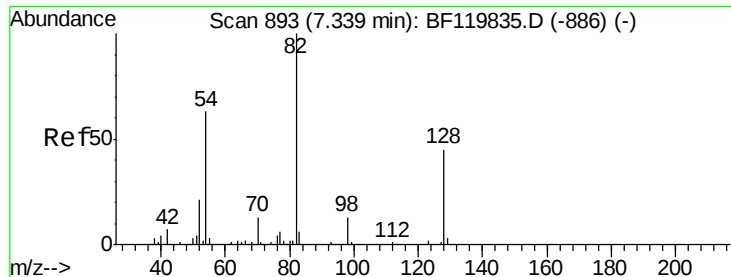
mohammad
4/16/2020 12:52:38 PM



#22
Acetophenone
Concen: 56.064 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	901555		
71	5.2	5.6	8.4#	
51	40.9	33.9	50.9	
120	22.1	17.8	26.8	





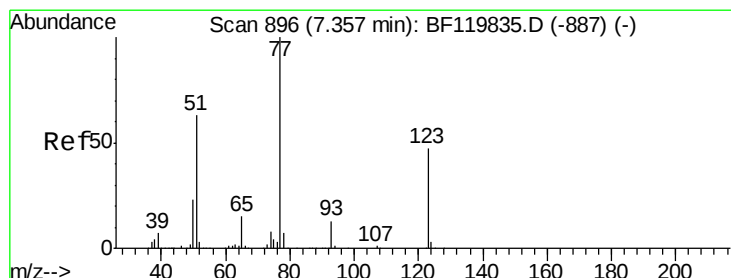
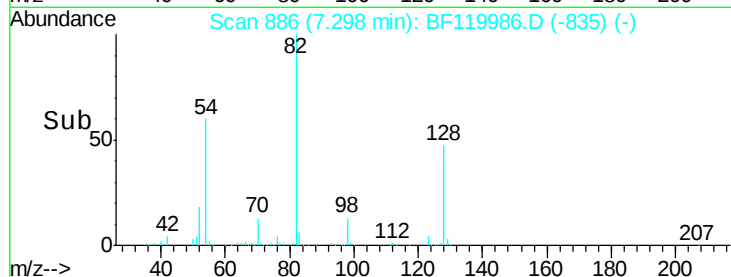
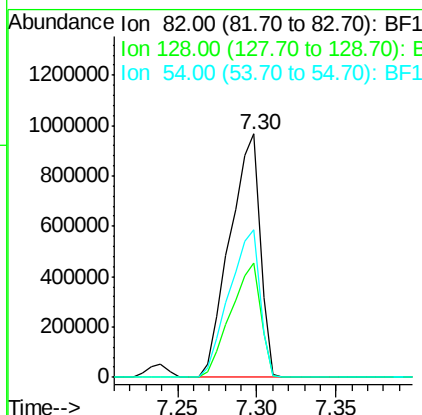
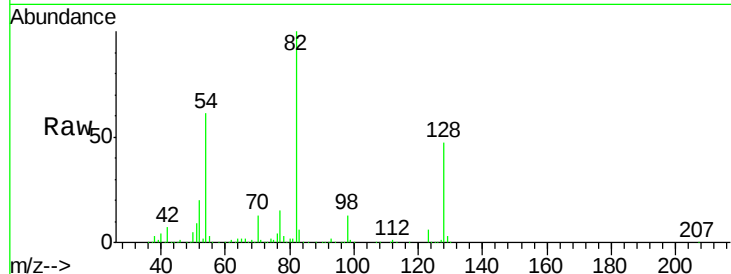
#23
 Nitrobenzene-d5
 Concen: 96.557 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion: 82 Resp: 1281717
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.2 54.4
 54 60.6 50.4 75.6

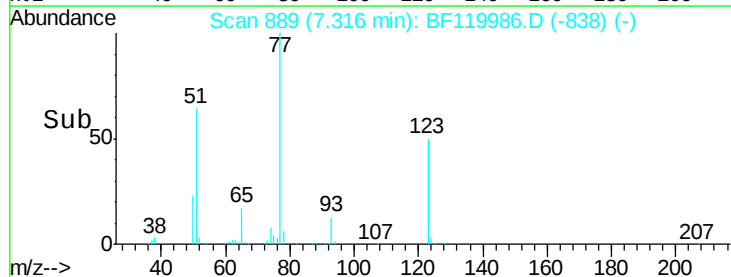
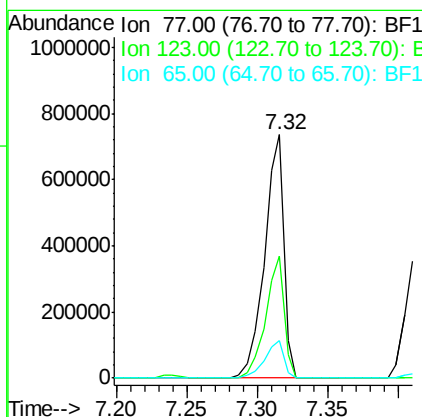
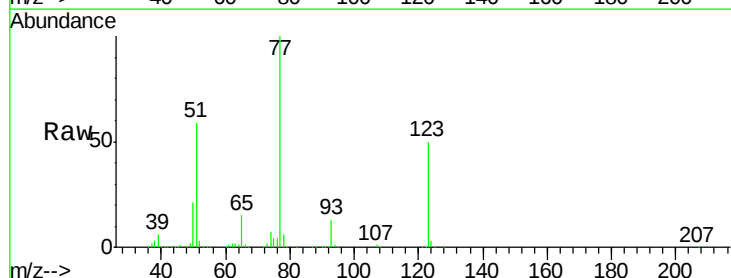
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:38 PM



#24
 Nitrobenzene
 Concen: 53.351 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion: 77 Resp: 712417
 Ion Ratio Lower Upper
 77 100
 123 49.9 37.8 56.8
 65 15.4 12.2 18.2





#25

Isophorone

Concen: 52.254 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion: 82 Resp: 1337114

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

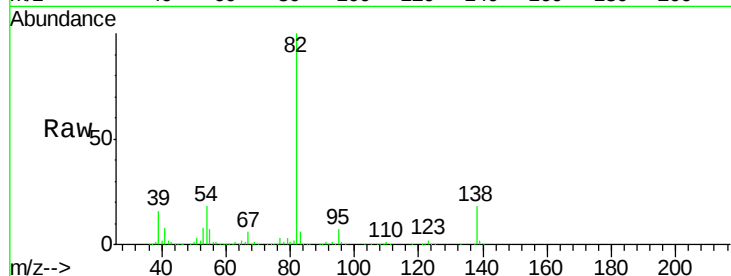
138 18.2 14.5 21.7

Manual Integrations

APPROVED

mohammad

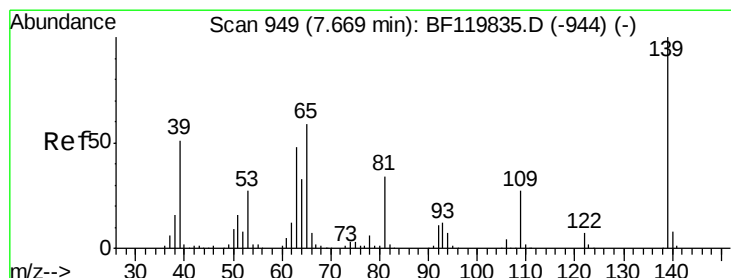
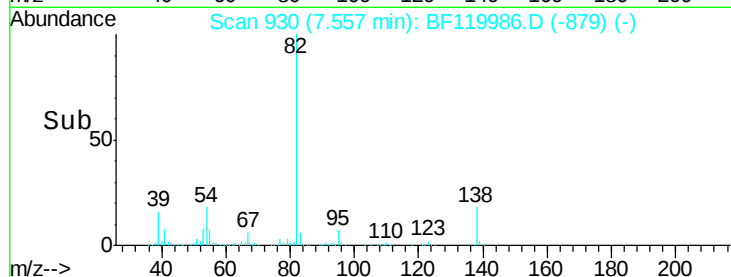
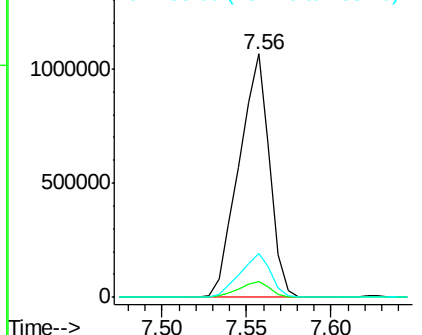
4/16/2020 12:52:38 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.521 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

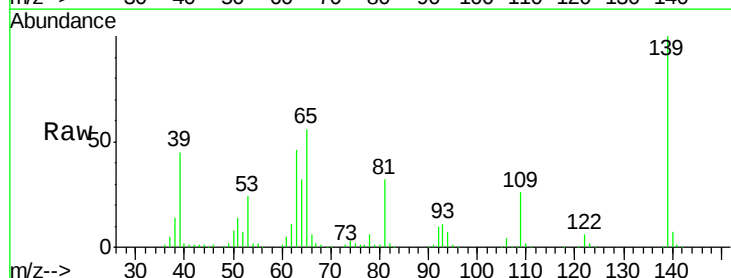
Tgt Ion: 139 Resp: 370403

Ion Ratio Lower Upper

139 100

109 26.4 21.8 32.6

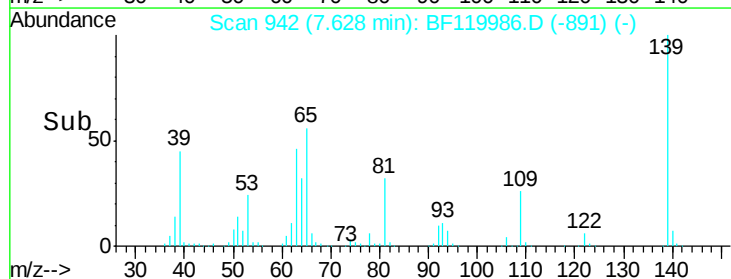
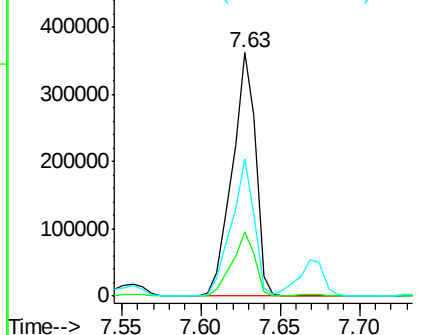
65 56.3 47.0 70.4

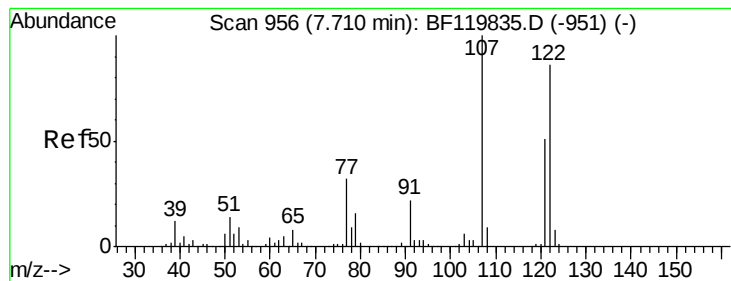


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





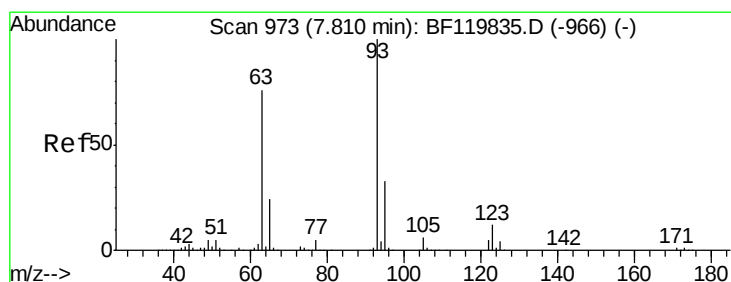
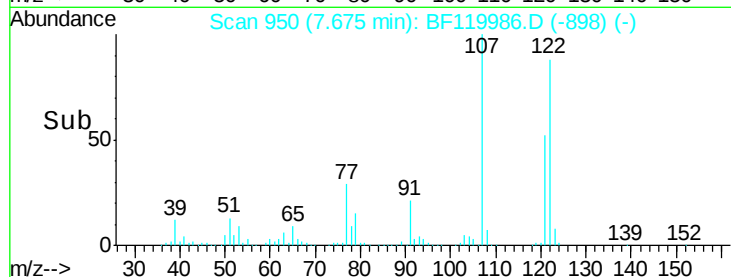
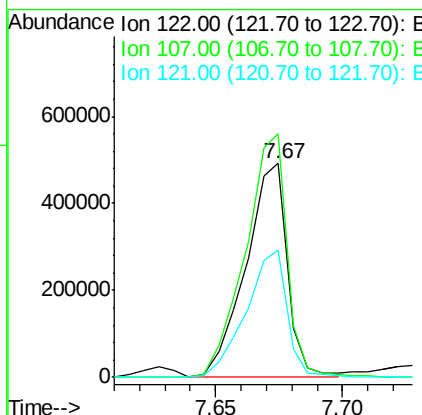
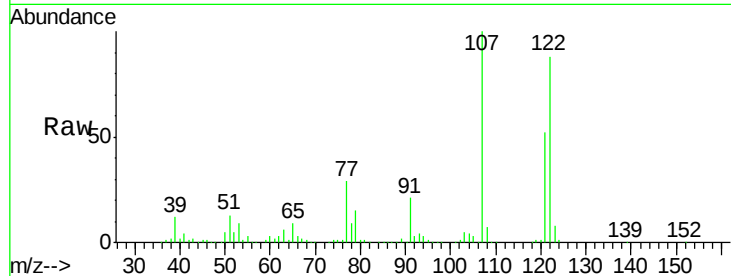
#27
 2,4-Dimethylphenol
 Concen: 56.108 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	564537		
107	113.8	92.3	138.5	
121	59.3	46.6	70.0	

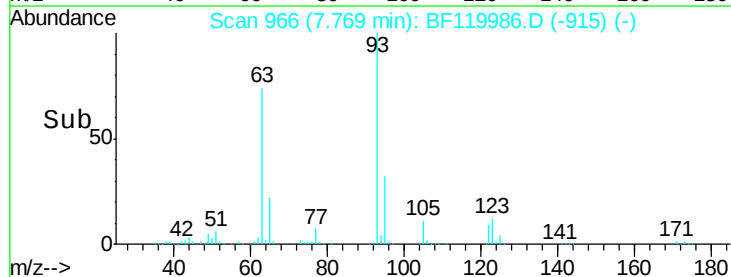
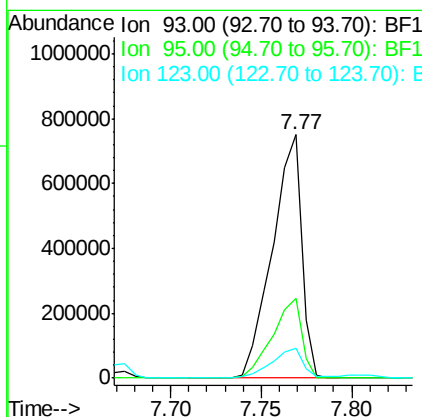
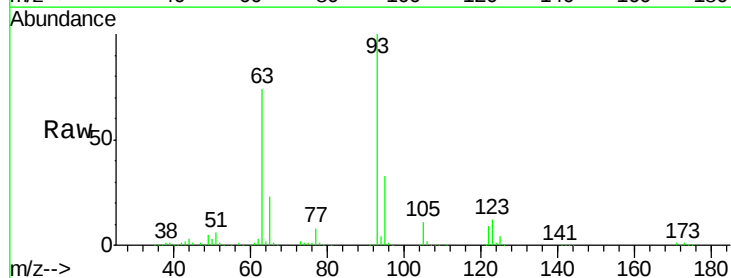
Manual Integrations
 APPROVED

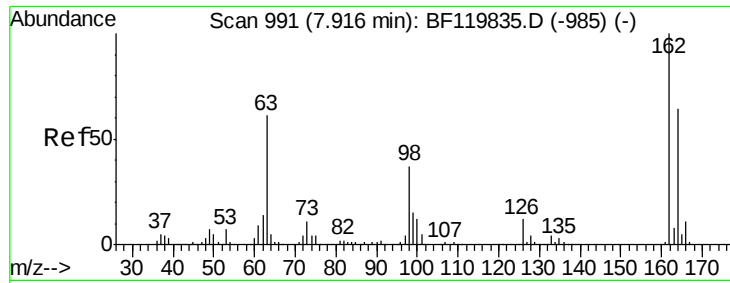
mohammad
 4/16/2020 12:52:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.119 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	845007		
95	32.5	26.4	39.6	
123	12.1	9.7	14.5	





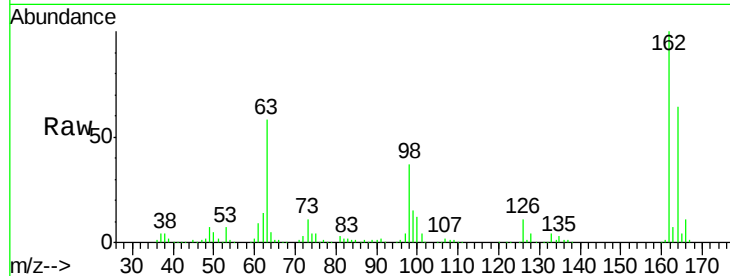
#29
2,4-Dichlorophenol
Concen: 54.892 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

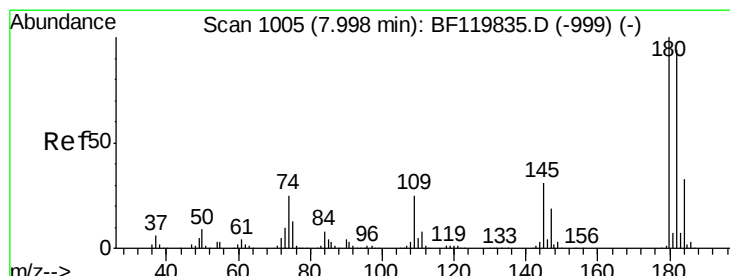
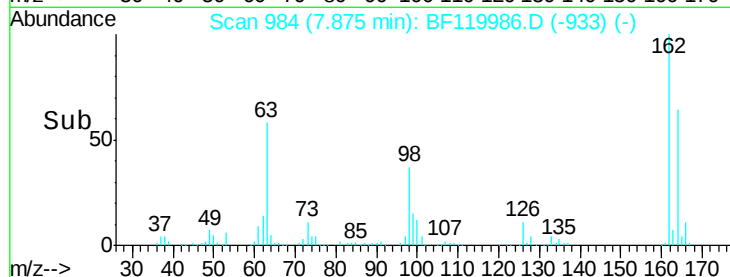
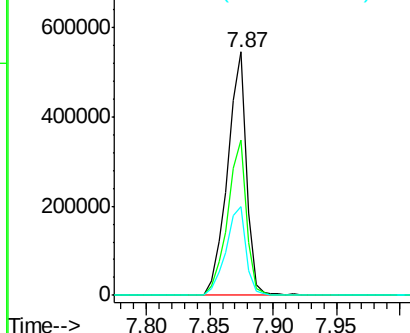
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		566126		
164	63.8	44.4	84.4		
98	36.7	17.3	57.3		

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM

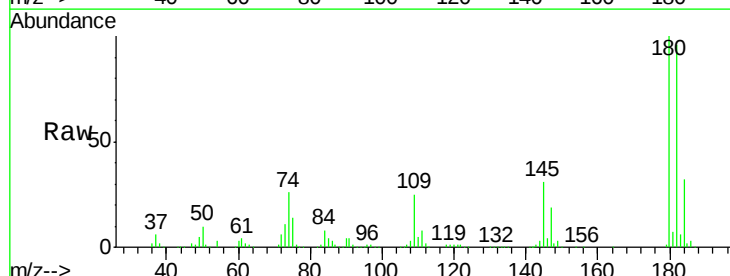


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

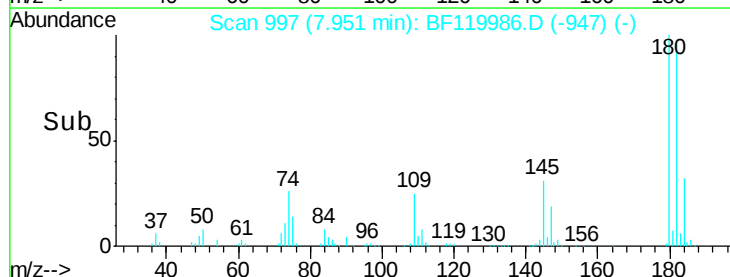
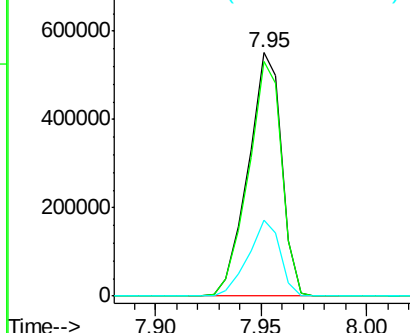


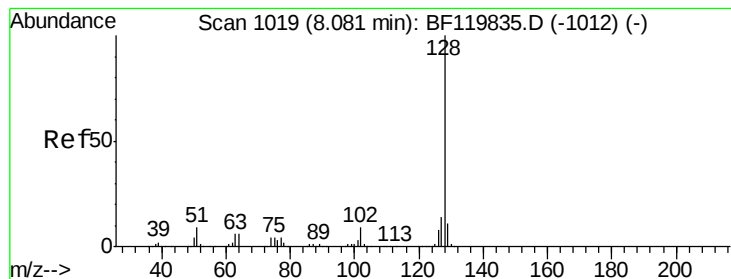
#30
1,2,4-Trichlorobenzene
Concen: 51.811 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		605457		
182	96.4	75.4	113.0		
145	31.1	24.6	37.0		



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





#31

Naphthalene

Concen: 53.301 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

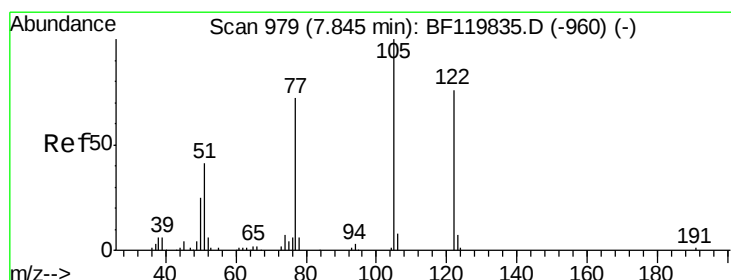
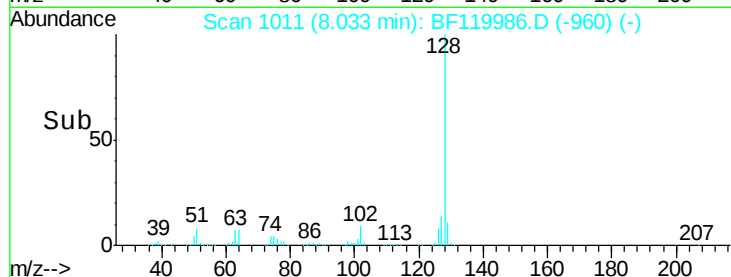
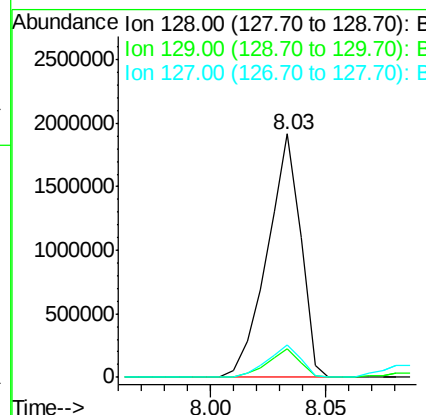
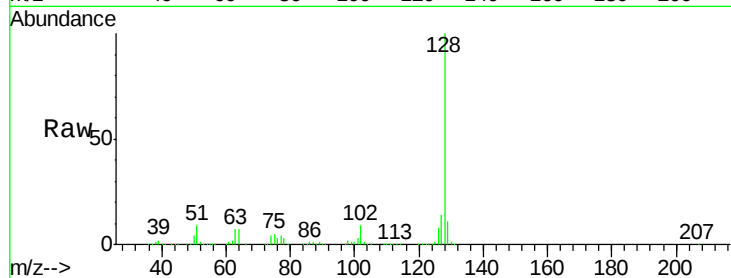
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:128 Resp: 1925814

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#32

Benzoic acid

Concen: 46.132 ng

RT: 7.81 min Scan# 973

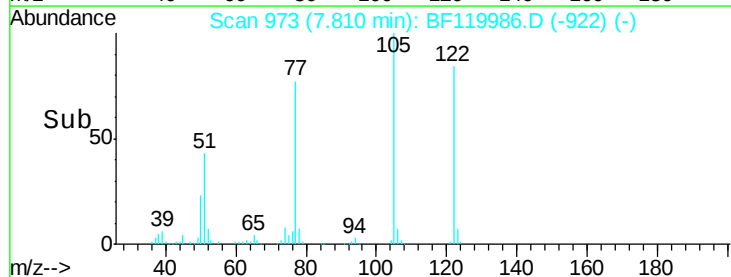
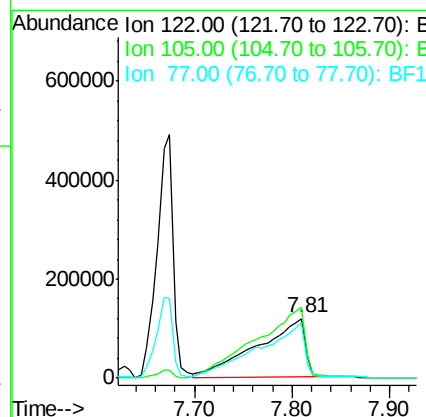
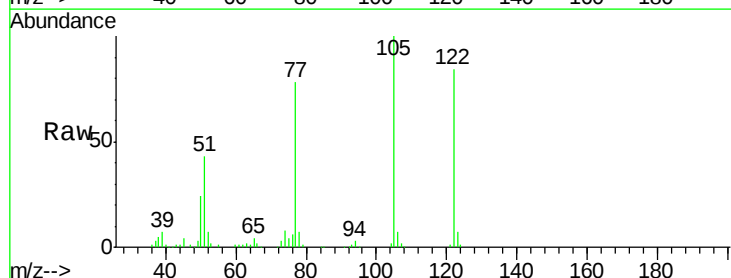
Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:122 Resp: 407650

Ion	Ratio	Lower	Upper
122	100		
105	119.0	106.7	146.7
77	93.0	72.1	112.1





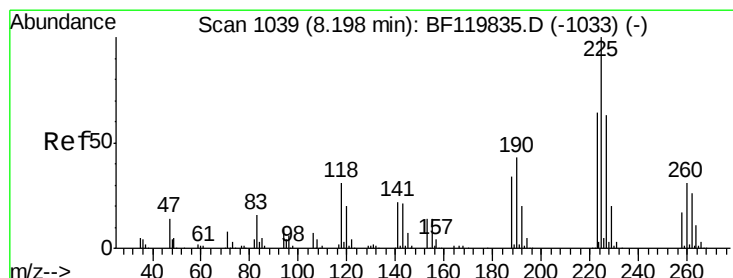
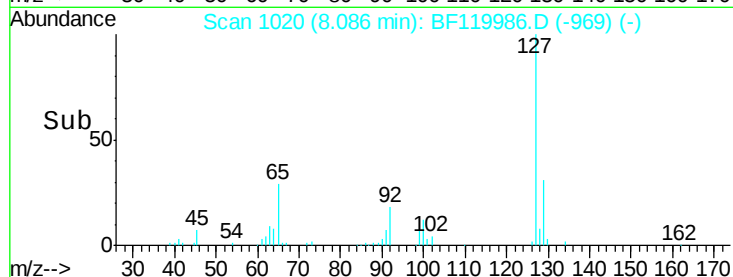
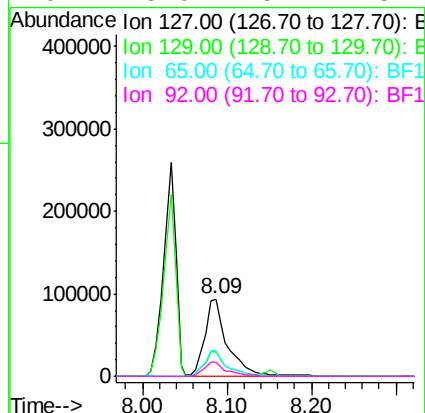
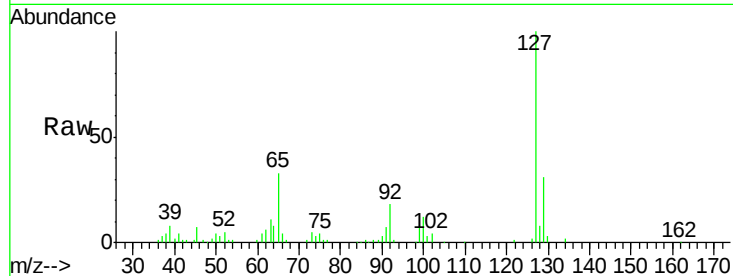
#33
4-Chloroaniline
Concen: 10.971 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.2		
65	32.7	28.3	42.5		
92	18.0	15.4	23.2		

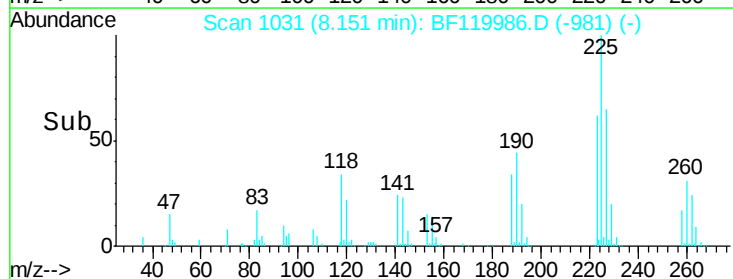
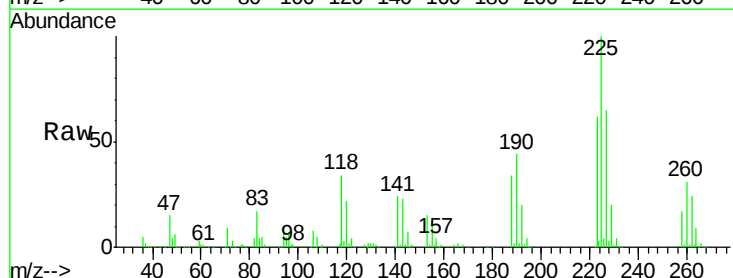
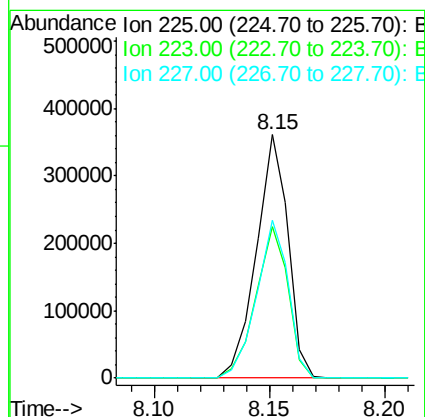
Manual Integrations
APPROVED

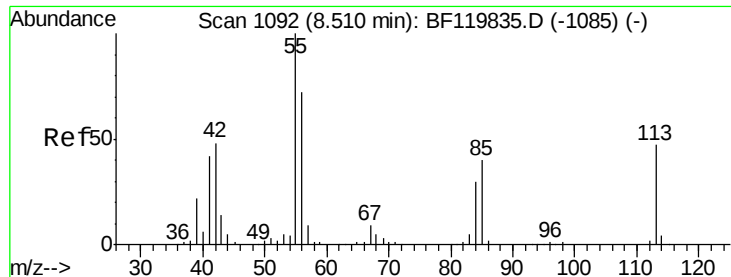
mohammad
4/16/2020 12:52:38 PM



#34
Hexachlorobutadiene
Concen: 49.436 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	51.0	76.6		
227	65.0	50.4	75.6		





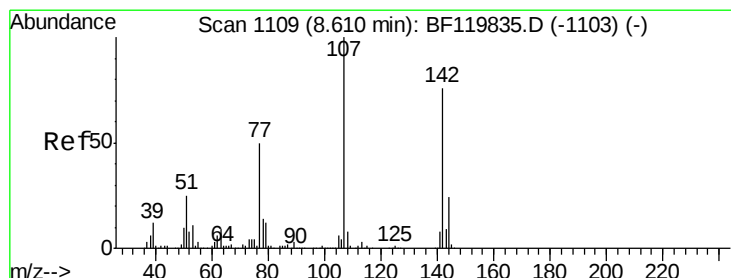
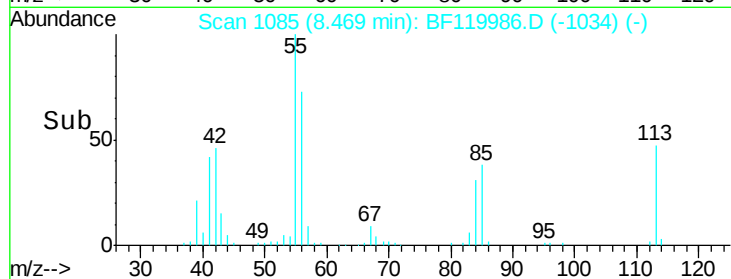
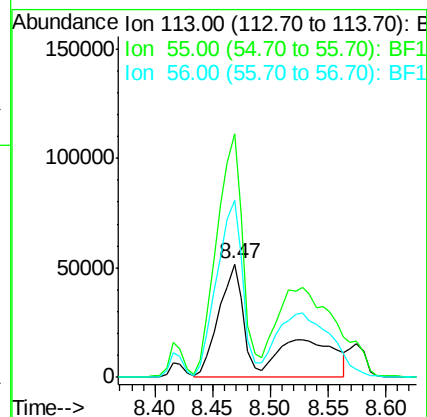
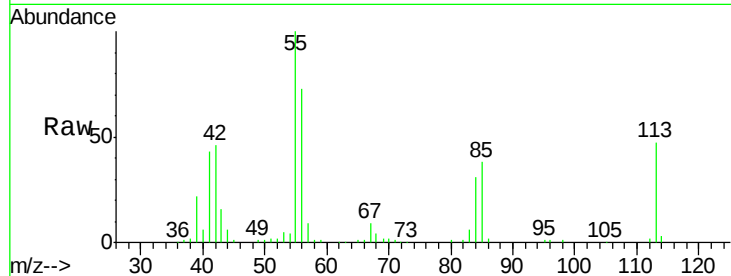
#35
Caprolactam
Concen: 42.521 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.2	192.7	232.7
56	156.0	133.3	173.3

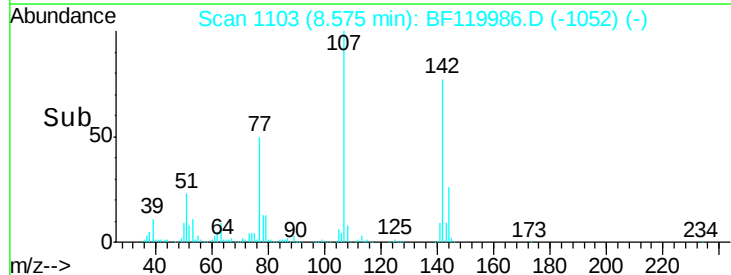
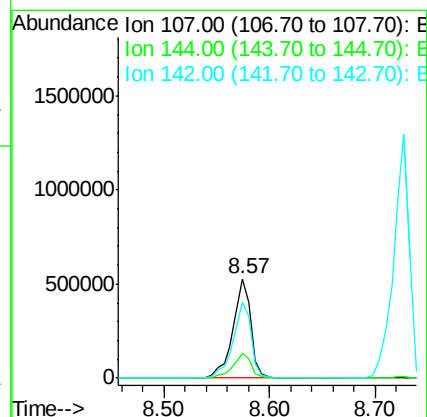
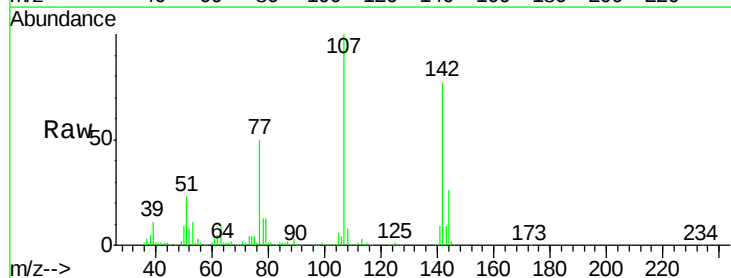
Manual Integrations
APPROVED

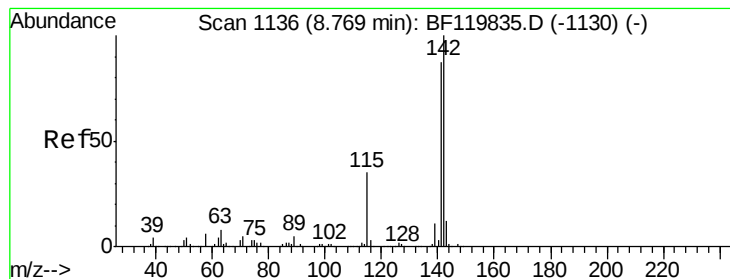
mohammad
4/16/2020 12:52:38 PM



#36
4-Chloro-3-methylphenol
Concen: 54.711 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.5	29.3
142	77.1	60.5	90.7





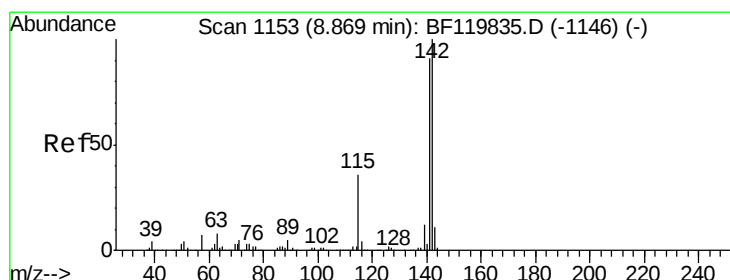
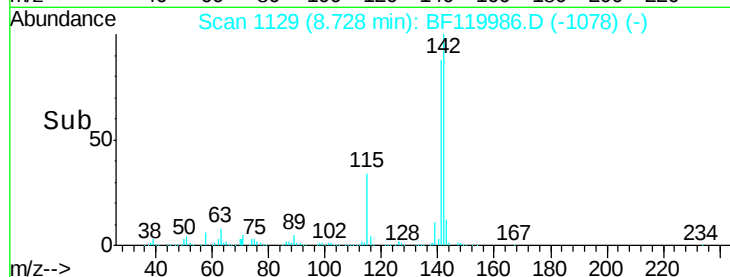
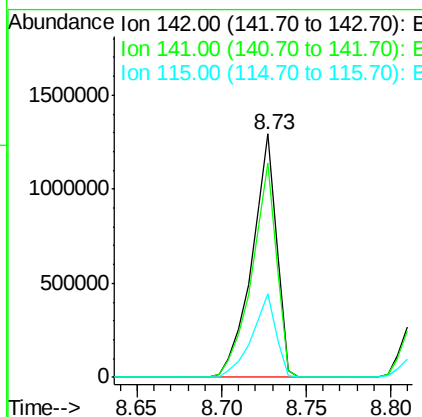
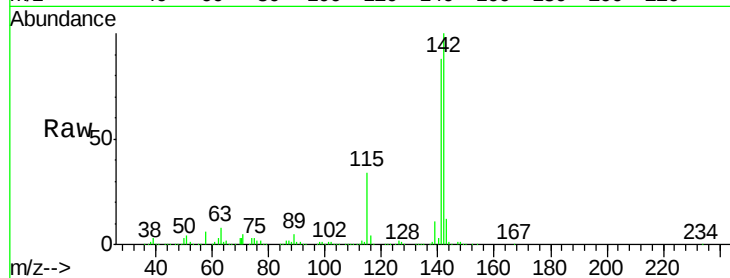
#37
2-Methylnaphthalene
Concen: 54.092 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.9	104.9
115	34.2	28.0	42.0

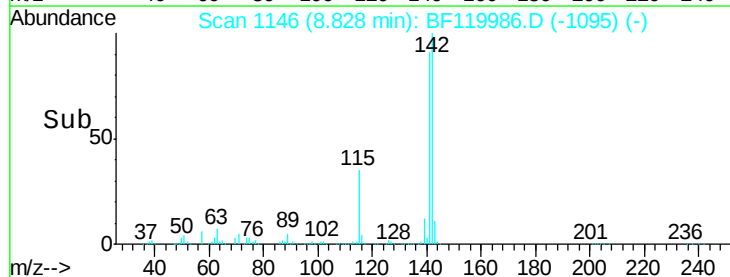
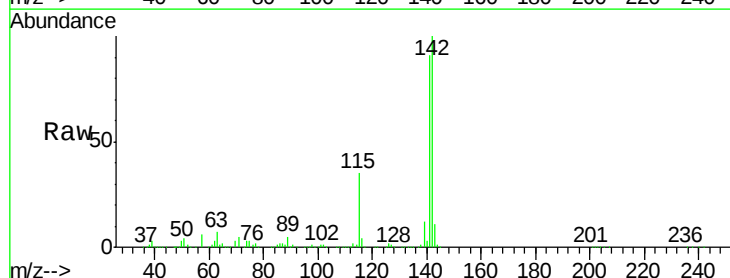
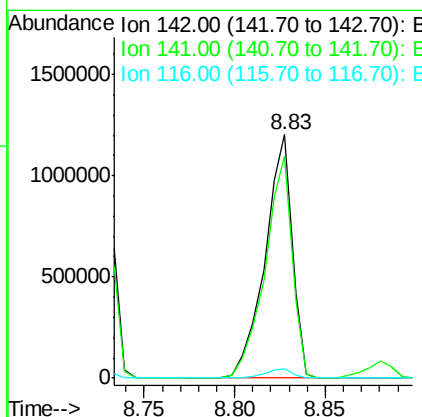
Manual Integrations
APPROVED

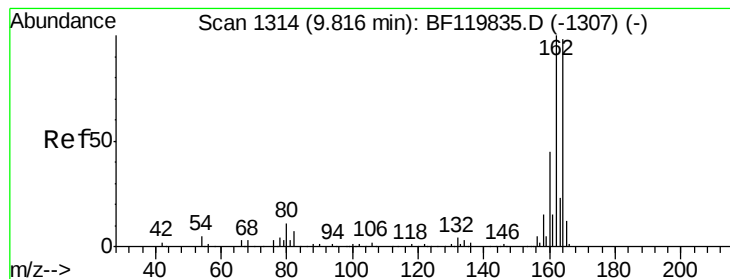
mohammad
4/16/2020 12:52:38 PM



#38
1-Methylnaphthalene
Concen: 54.297 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	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: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

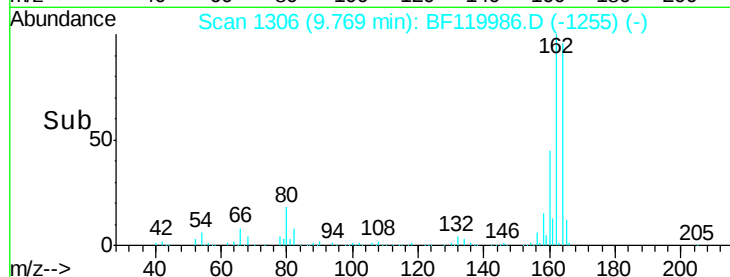
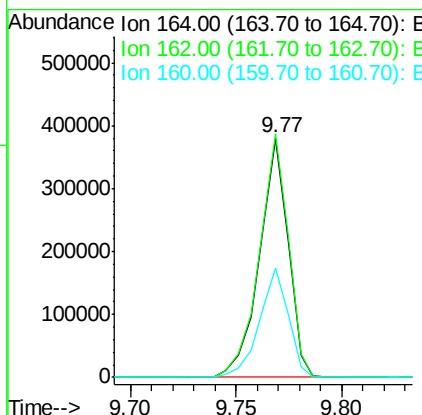
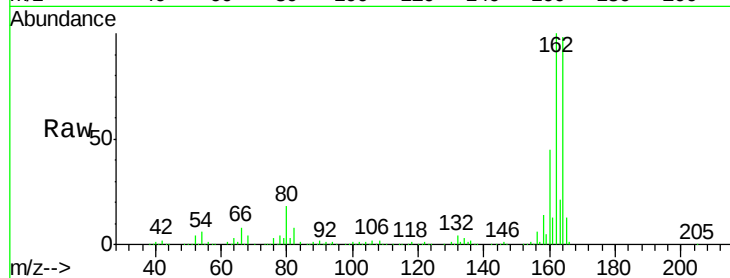
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	164	Resp:	361669
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.9	122.9
160	45.5	36.6	54.8

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.528 ng

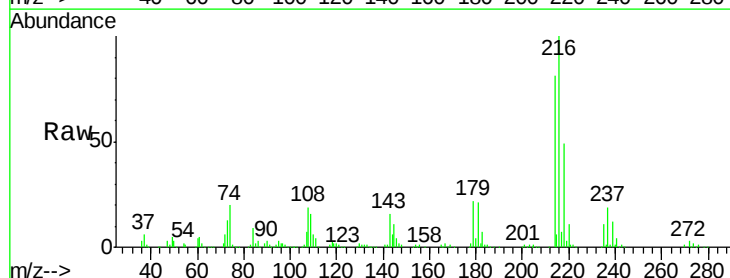
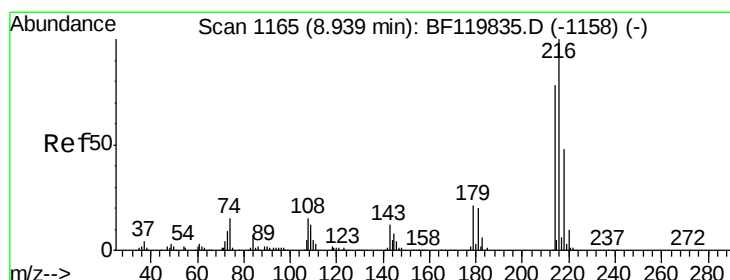
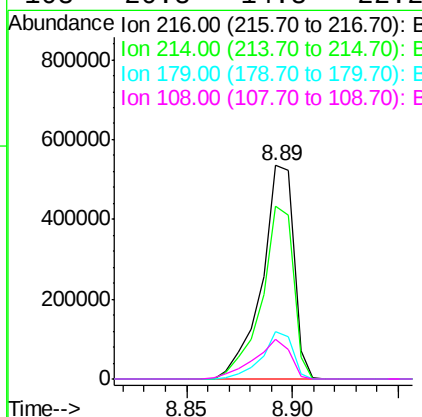
RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	216	Resp:	565764
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.1	94.7
179	21.4	17.0	25.4
108	20.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 107.165 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

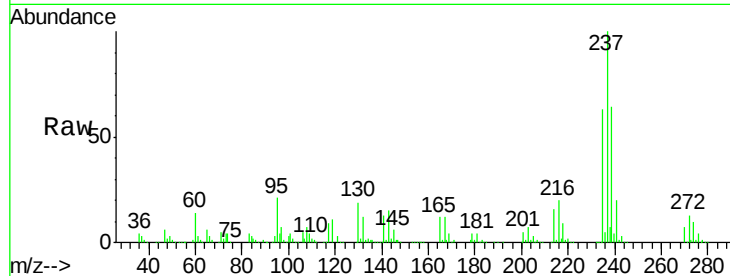
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

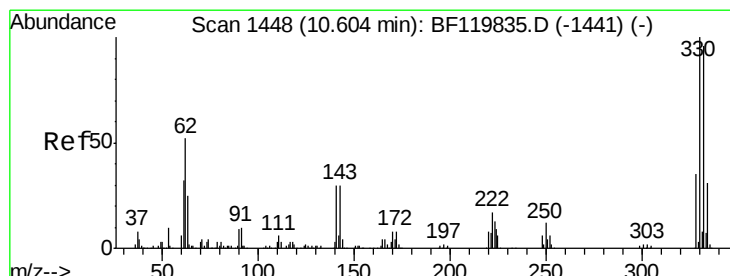
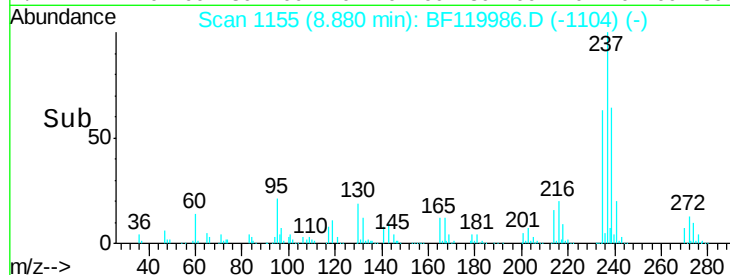
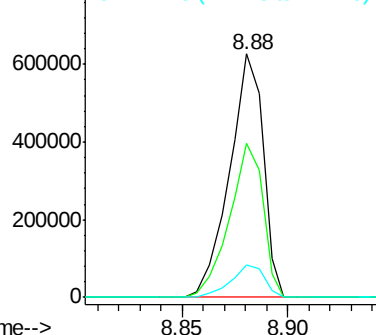
Tot Ion:	237	Resp:	696096
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.9	84.9
272	13.1	0.0	33.6

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 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: 125.987 ng

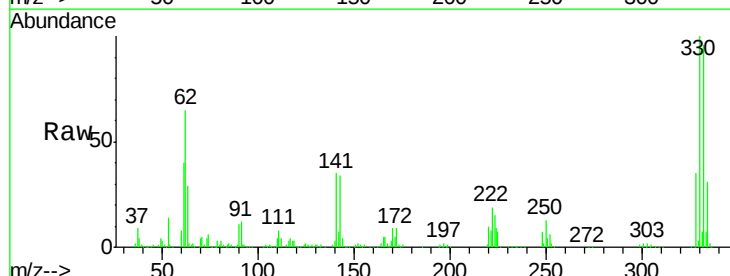
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

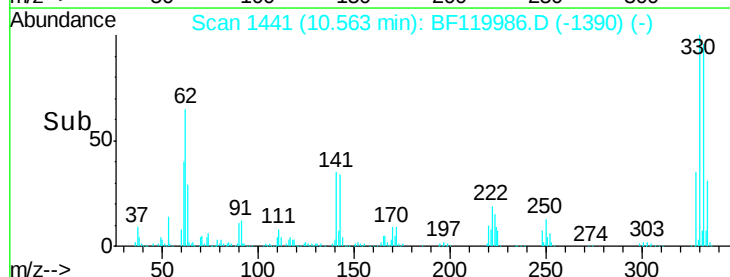
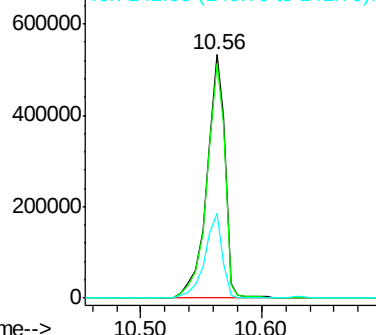
Lab File: BF119986.D

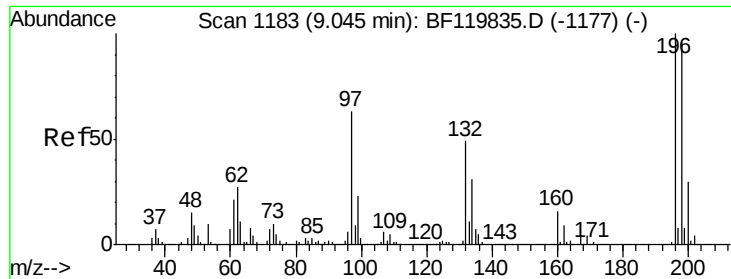
Acq: 15 Apr 2020 11:52

Tgt Ion:	330	Resp:	557877
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.8	115.2
141	33.7	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





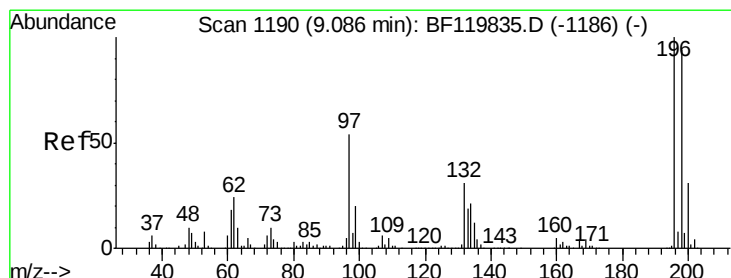
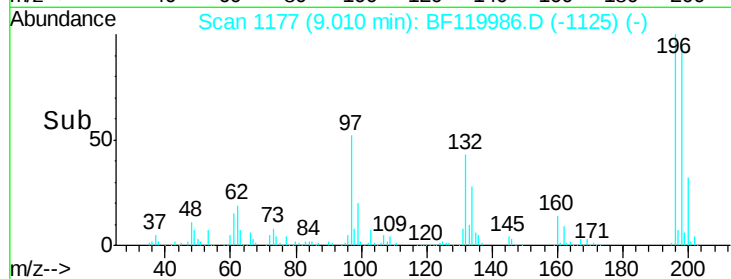
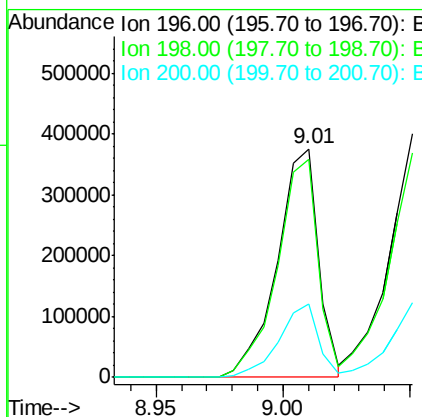
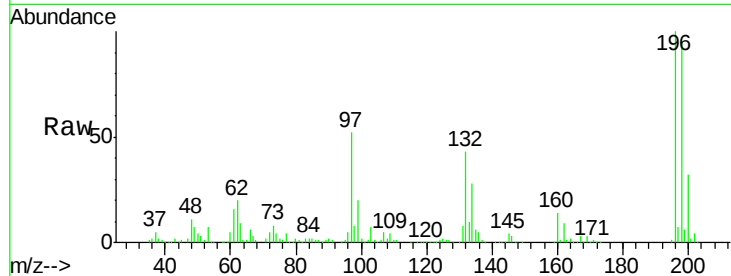
#43
 2,4,6-Trichlorophenol
 Concen: 53.986 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	425852		
198	95.4	76.6	115.0	
200	31.9	24.2	36.2	

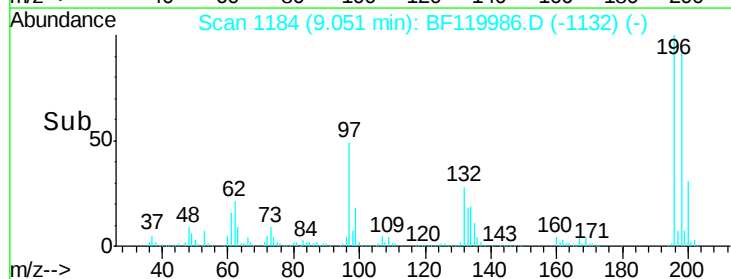
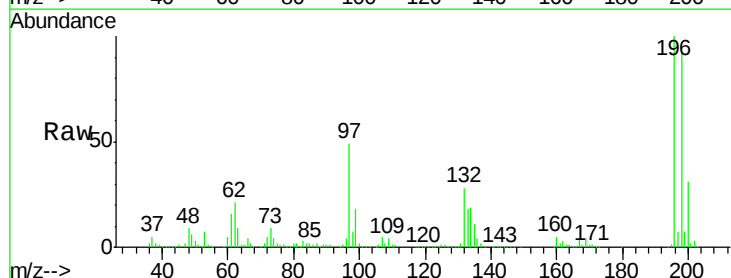
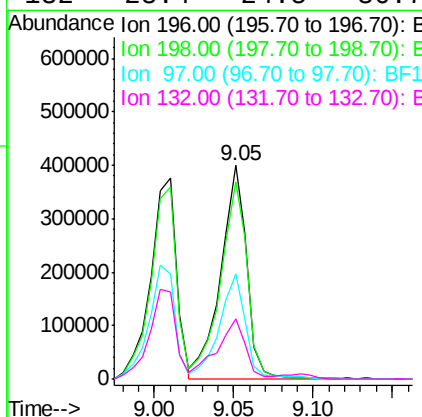
Manual Integrations
 APPROVED

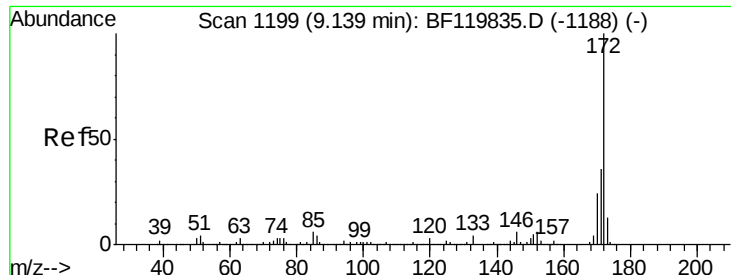
mohammad
 4/16/2020 12:52:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.048 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	453527		
198	92.1	75.1	112.7	
97	49.3	43.4	65.2	
132	28.4	24.5	36.7	





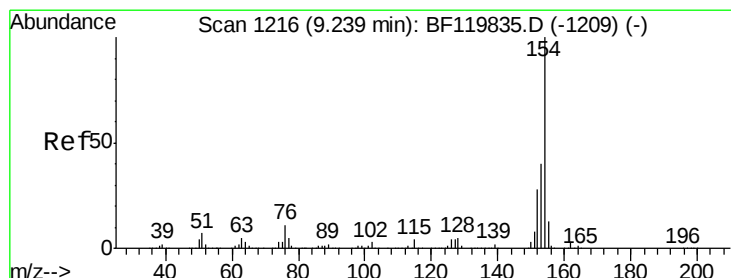
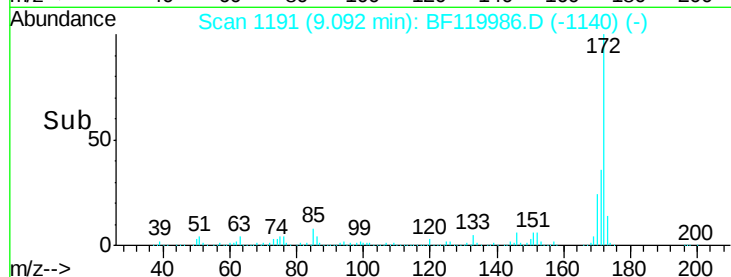
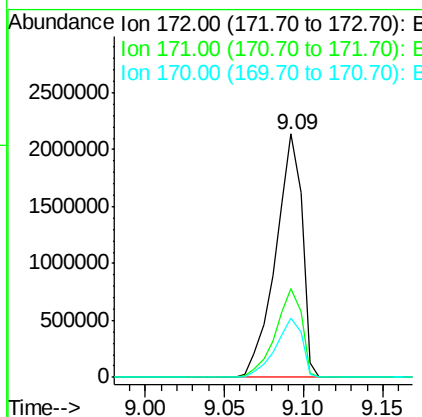
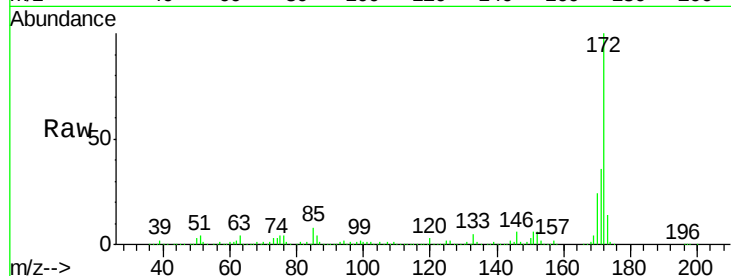
#45
2-Fluorobiphenyl
Concen: 97.086 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:172 Resp: 2473113
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.3 19.4 29.2

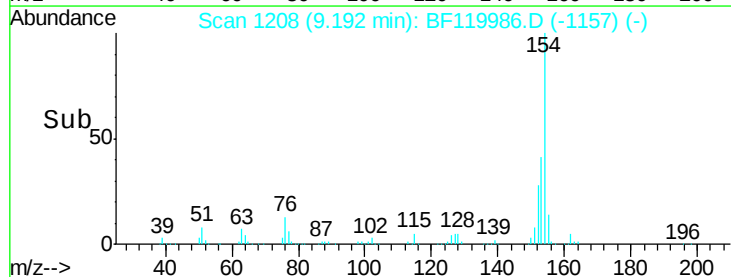
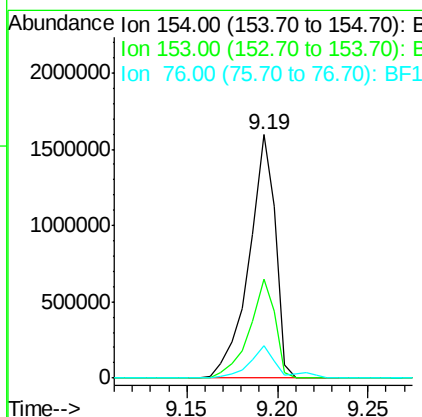
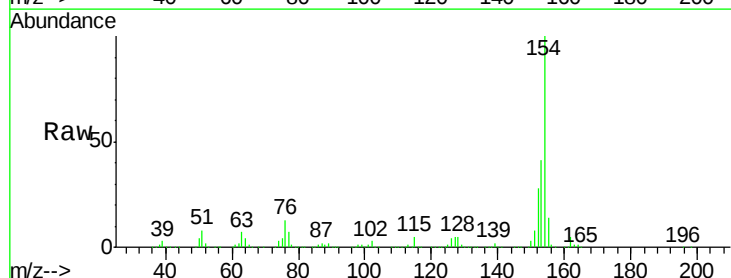
Manual Integrations
APPROVED

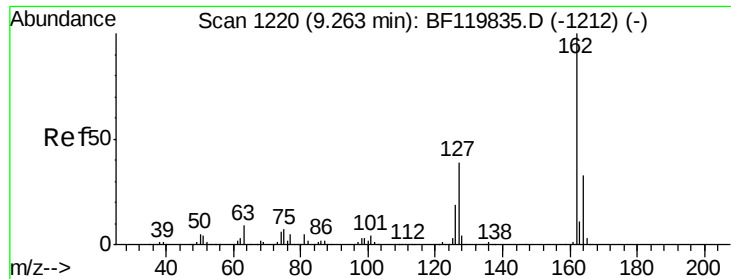
mohammad
4/16/2020 12:52:38 PM



#46
1,1'-Biphenyl
Concen: 52.674 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion:154 Resp: 1607975
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 13.1 0.0 30.6





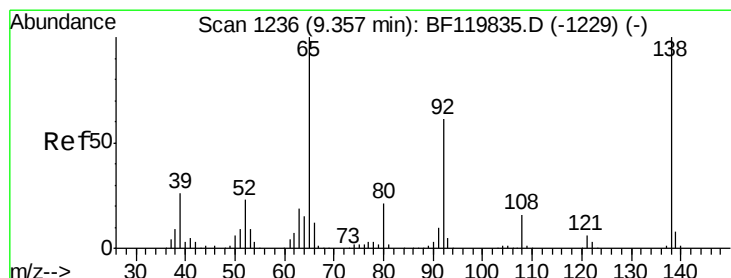
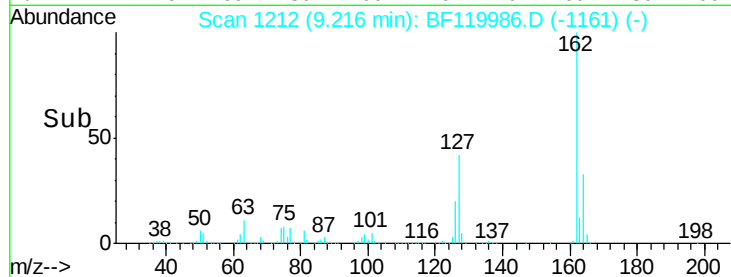
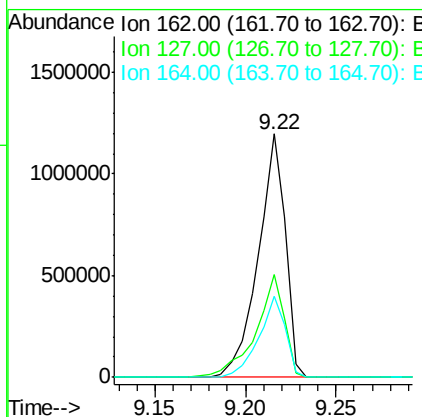
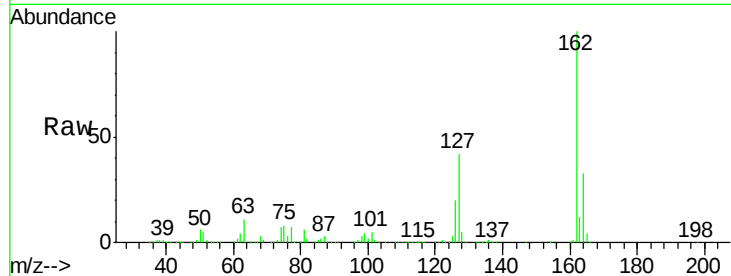
#47
2-Chloronaphthalene
Concen: 52.883 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.2	46.8
164	33.4	26.3	39.5

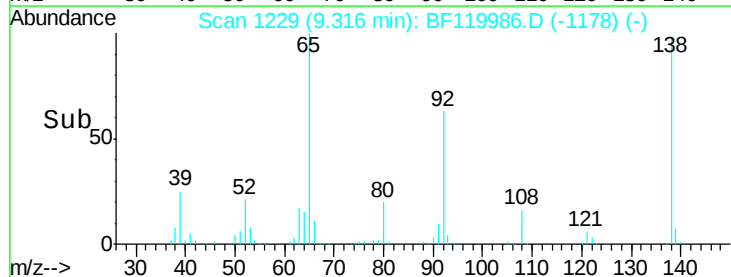
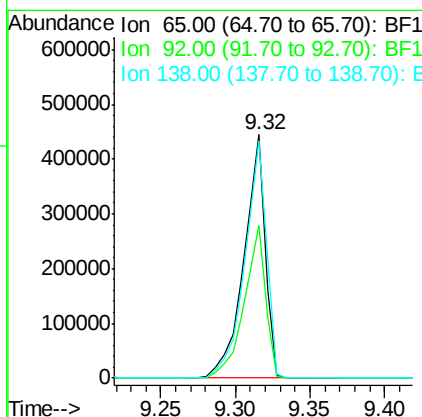
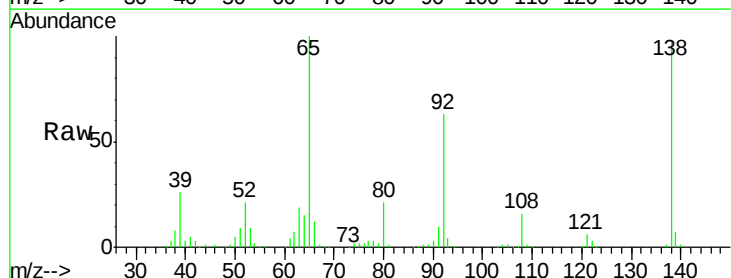
Manual Integrations
APPROVED

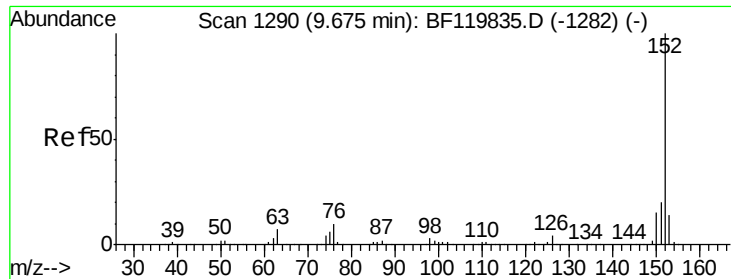
mohammad
4/16/2020 12:52:38 PM



#48
2-Nitroaniline
Concen: 51.498 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.0	73.6
138	97.3	79.7	119.5





#49

Acenaphthylene

Concen: 53.431 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

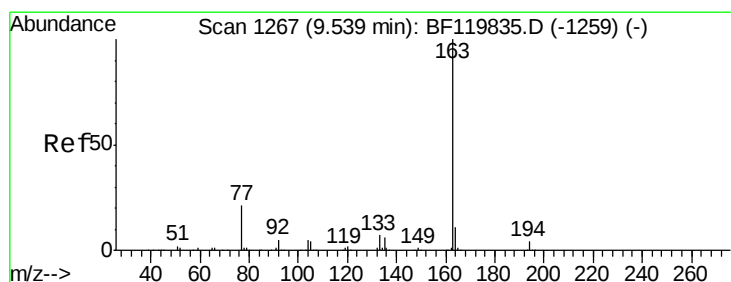
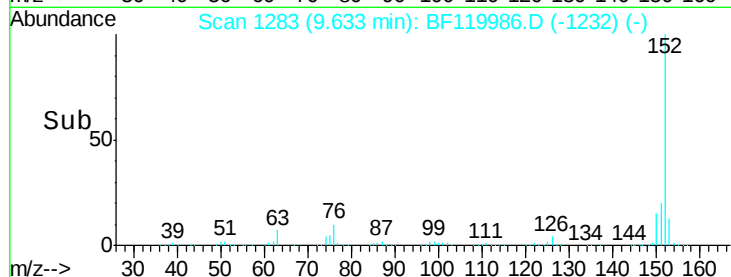
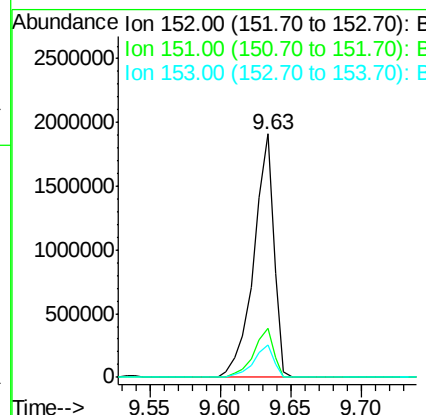
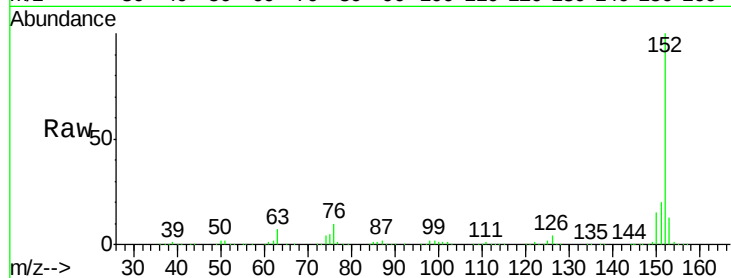
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	152	Resp:	1910881
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.4	10.9	16.3

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#50

Dimethylphthalate

Concen: 52.649 ng

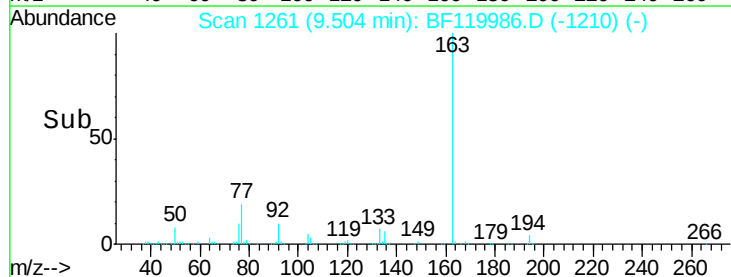
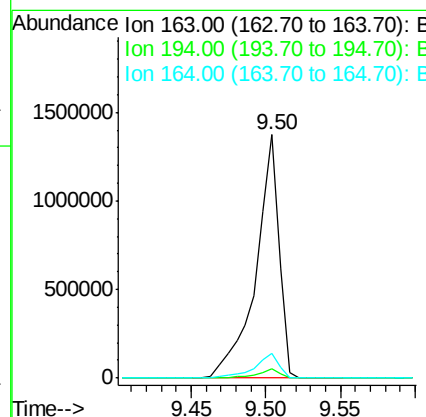
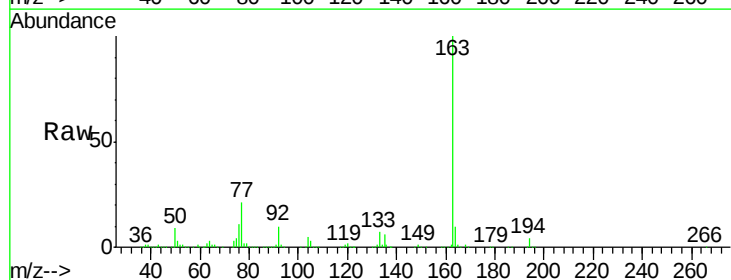
RT: 9.50 min Scan# 1261

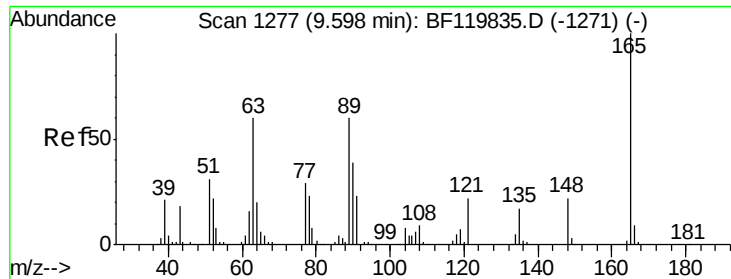
Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	163	Resp:	1472829
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 53.274 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

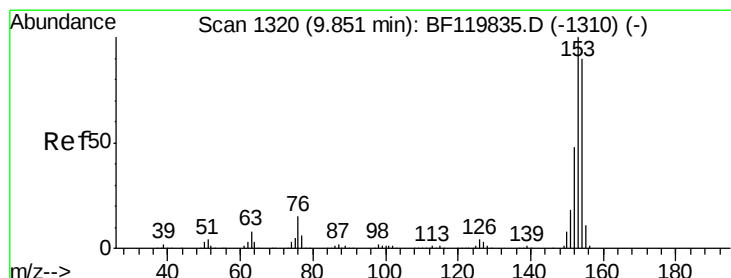
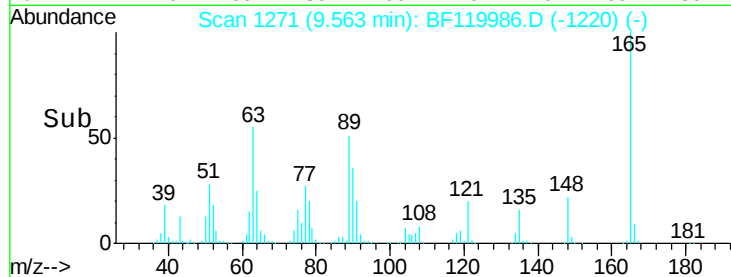
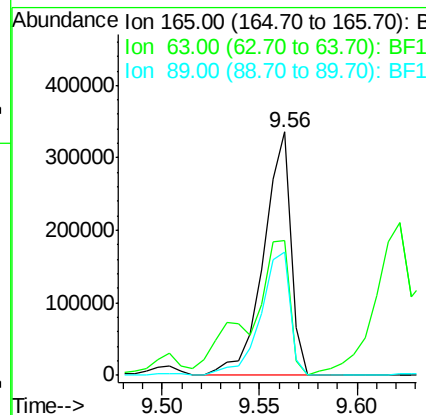
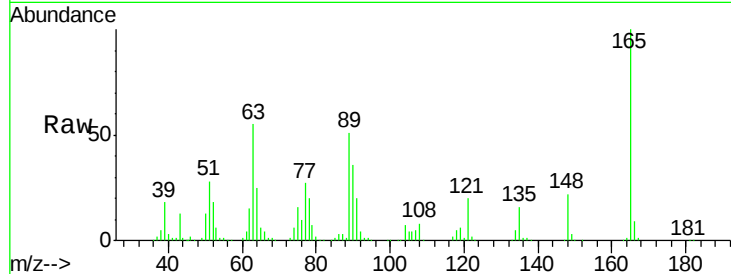
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	165	Resp:	326357
Ion Ratio	Lower	Upper	
165	100		
63	55.2	55.6	83.4#
89	50.8	47.9	71.9

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#52

Acenaphthene

Concen: 49.338 ng

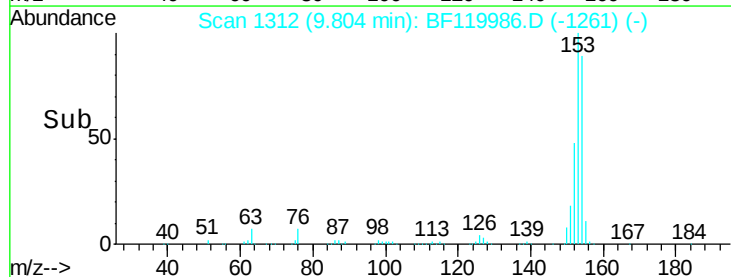
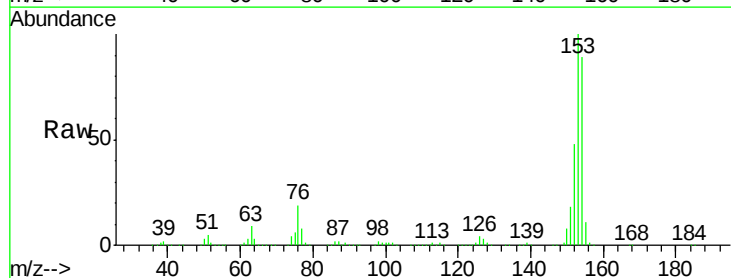
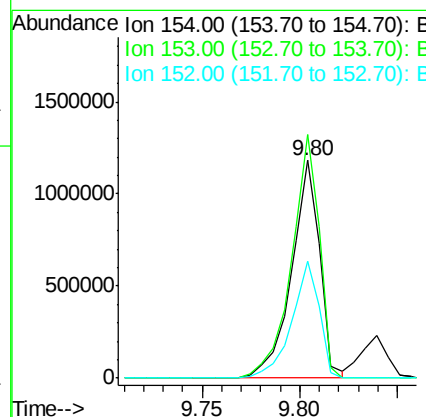
RT: 9.80 min Scan# 1312

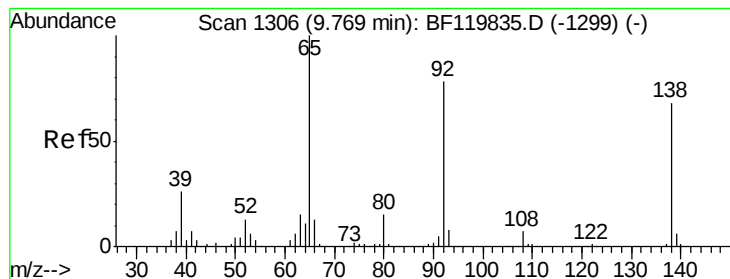
Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	154	Resp:	1177041
Ion Ratio	Lower	Upper	
154	100		
153	111.8	88.8	133.2
152	53.8	42.4	63.6





#53

3-Nitroaniline

Concen: 21.616 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

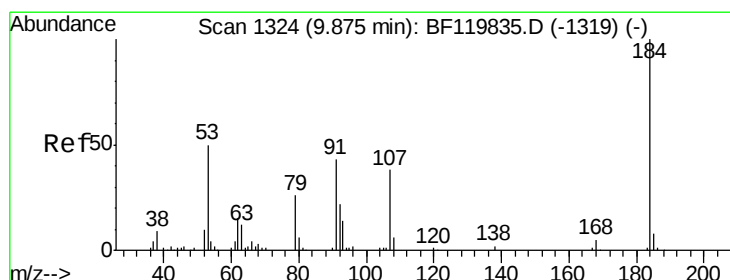
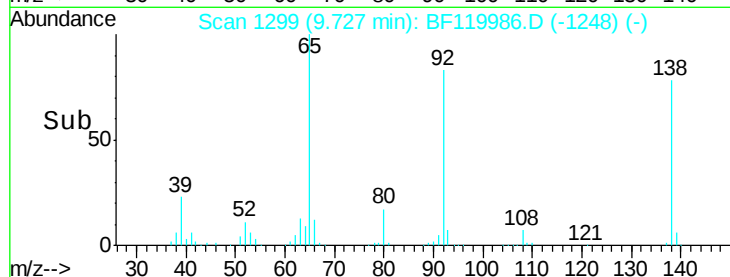
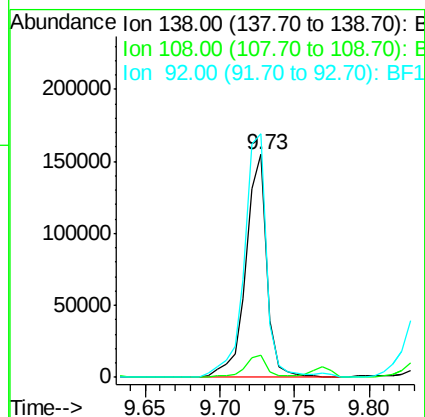
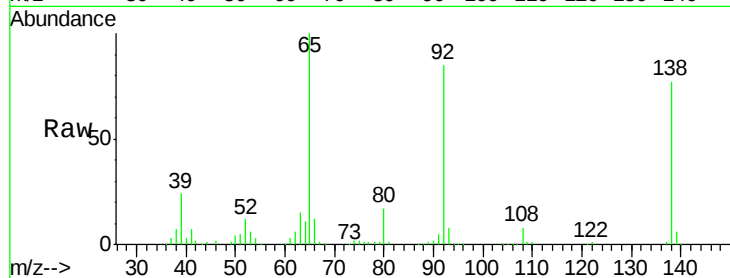
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	138	Resp:	151235
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.0	12.0
92	109.2	92.1	138.1

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#54

2,4-Dinitrophenol

Concen: 114.054 ng

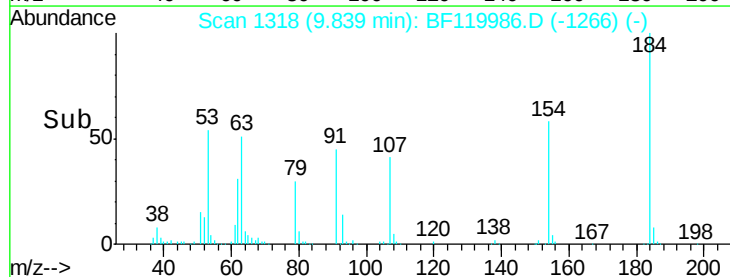
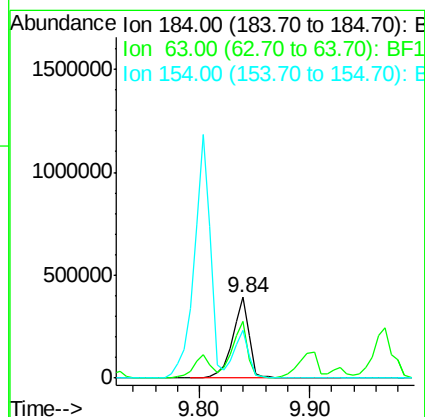
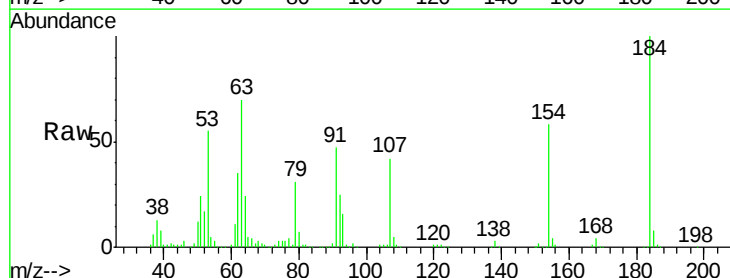
RT: 9.84 min Scan# 1318

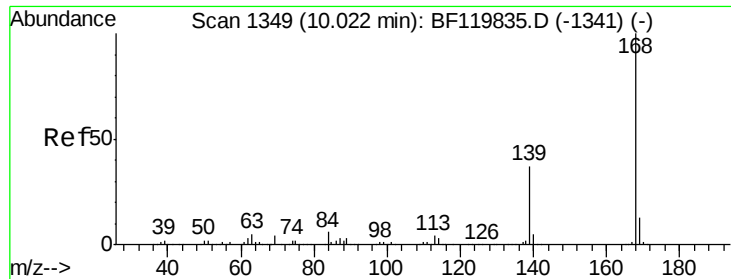
Delta R.T. 0.01 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	184	Resp:	418307
Ion Ratio	Lower	Upper	
184	100		
63	69.7	49.8	74.6
154	58.3	46.5	69.7





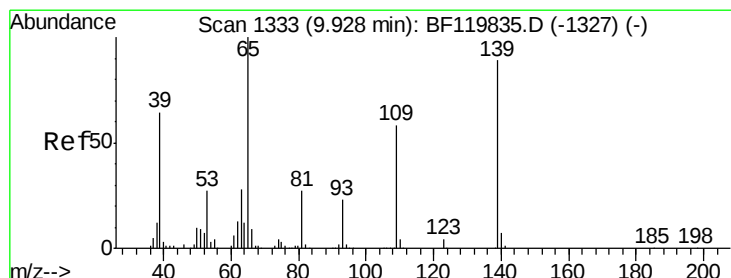
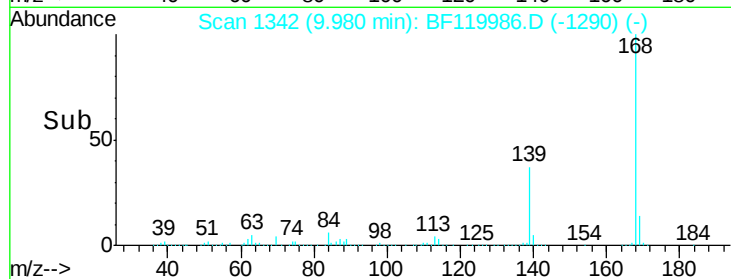
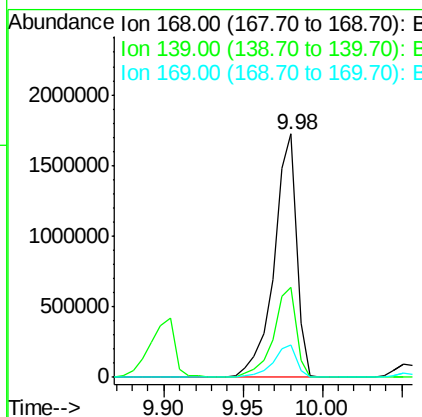
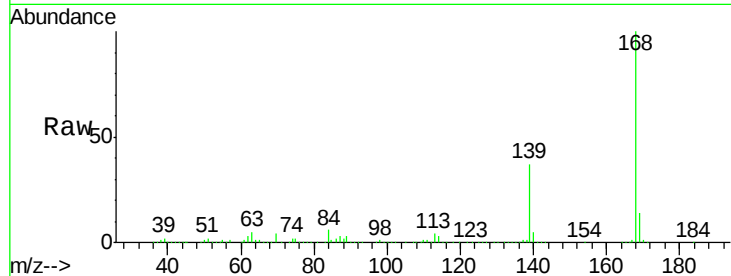
#55
Dibenzofuran
Concen: 52.084 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:168 Resp: 1705106
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.5 10.6 15.8

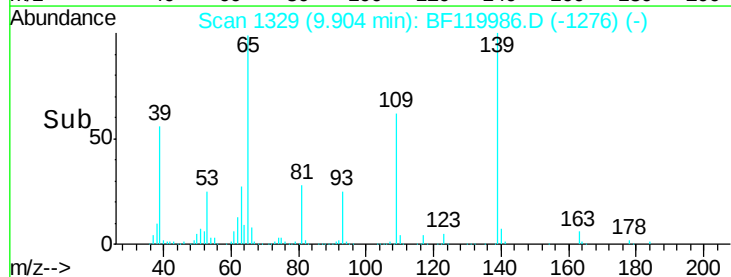
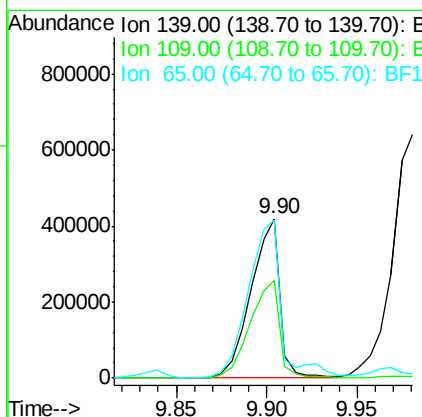
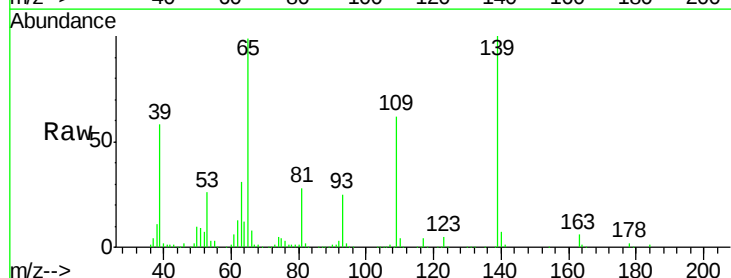
Manual Integrations
APPROVED

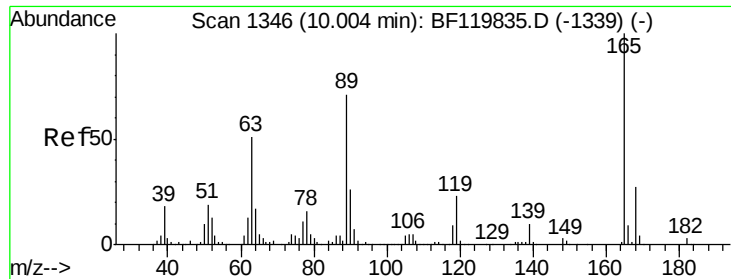
mohammad
4/16/2020 12:52:38 PM



#56
4-Nitrophenol
Concen: 89.300 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion:139 Resp: 464871
Ion Ratio Lower Upper
139 100
109 61.8 45.5 85.5
65 99.5 92.3 132.3





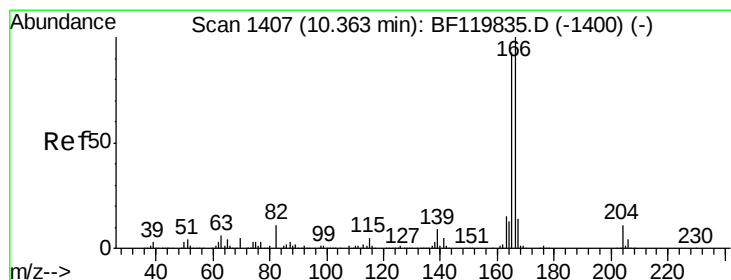
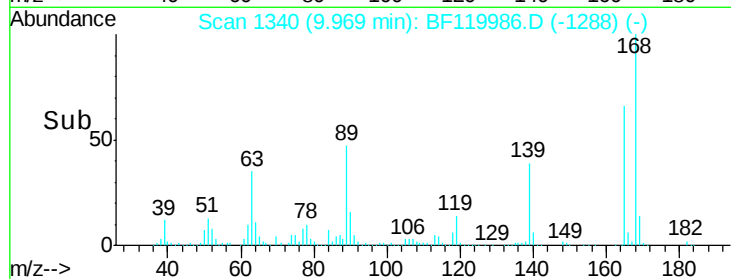
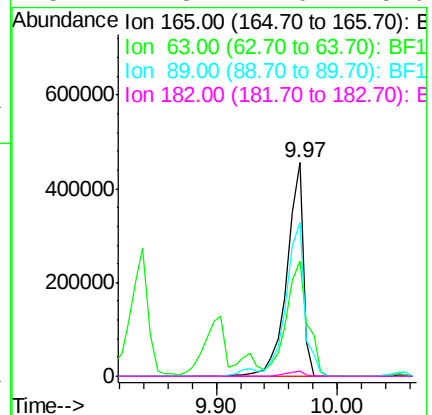
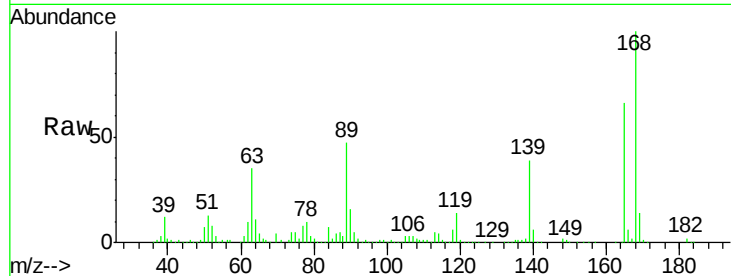
#57
2,4-Dinitrotoluene
Concen: 52.594 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	424488		
63	54.1	40.8	61.2	
89	72.2	56.9	85.3	
182	2.3	2.0	3.0	

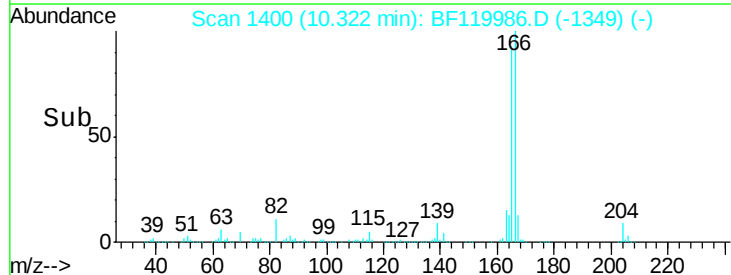
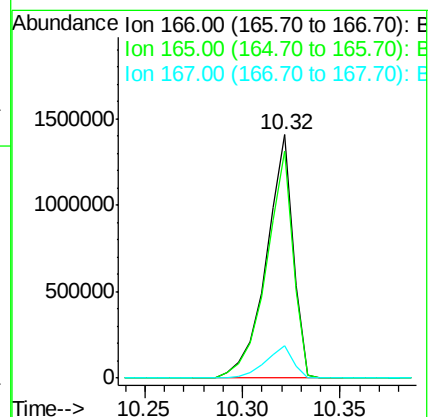
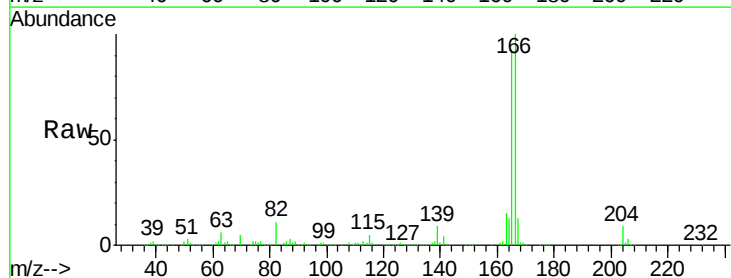
Manual Integrations
APPROVED

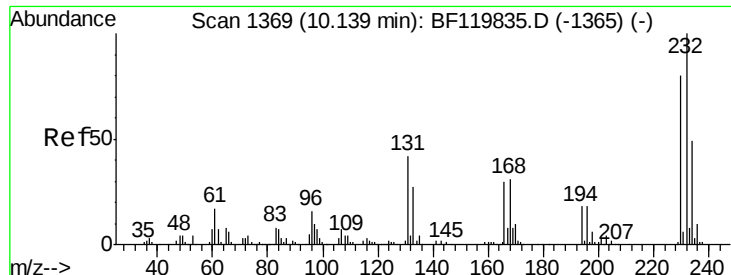
mohammad
4/16/2020 12:52:38 PM



#58
Fluorene
Concen: 50.895 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1332535		
165	93.2	74.2	111.2	
167	13.4	10.8	16.2	





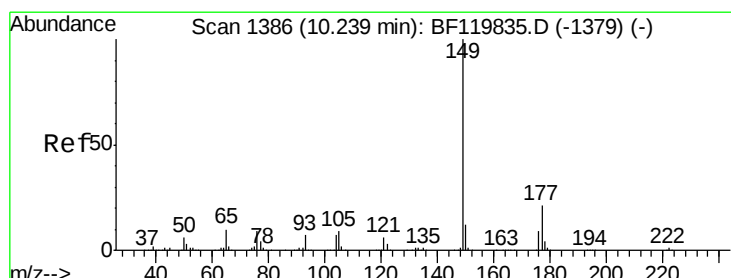
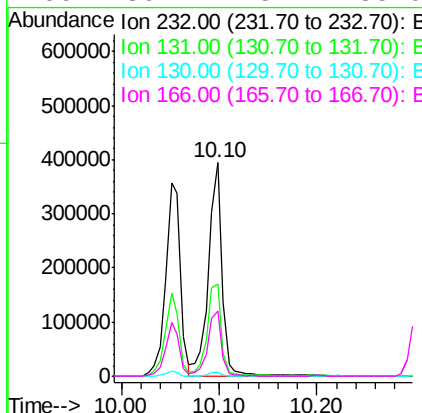
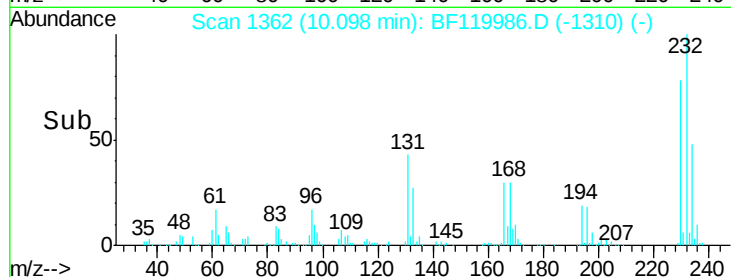
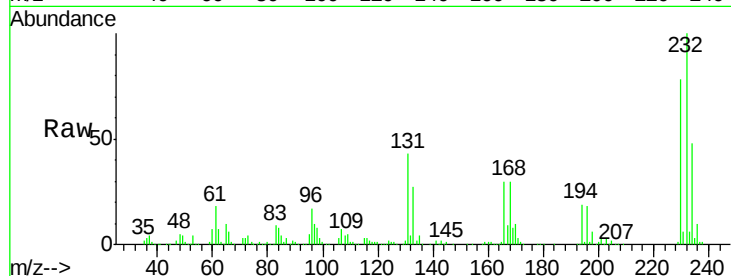
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.415 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.9	56.9
130	2.0	1.8	2.6
166	30.4	25.4	38.0

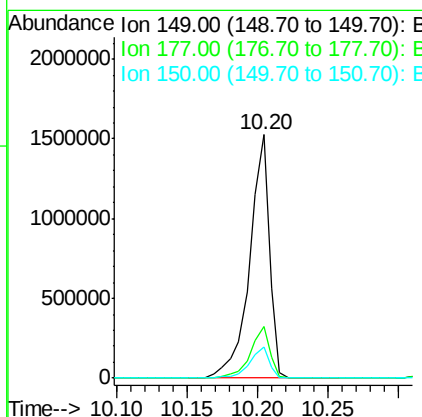
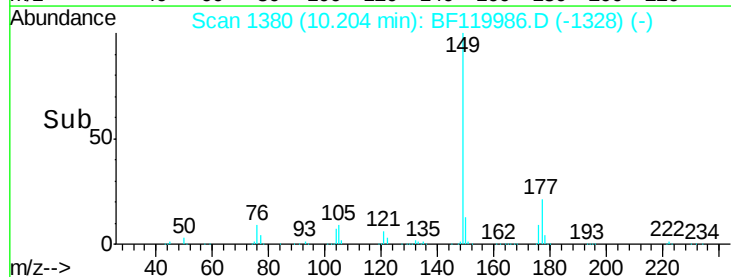
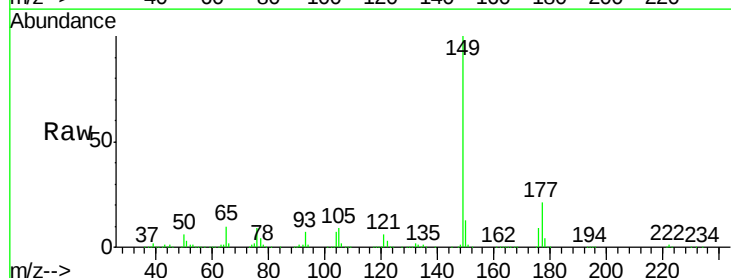
Manual Integrations
 APPROVED

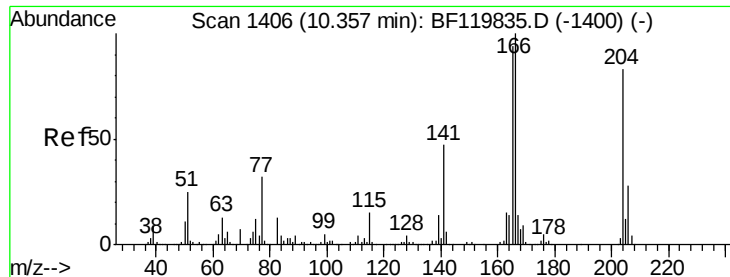
mohammad
 4/16/2020 12:52:38 PM



#60
 Diethylphthalate
 Concen: 51.882 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

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





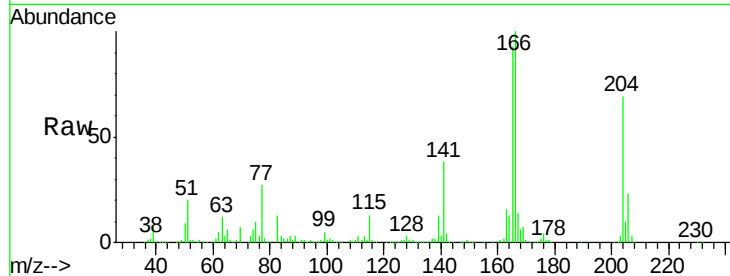
#61
4-Chlorophenyl-phenylether
Concen: 47.943 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

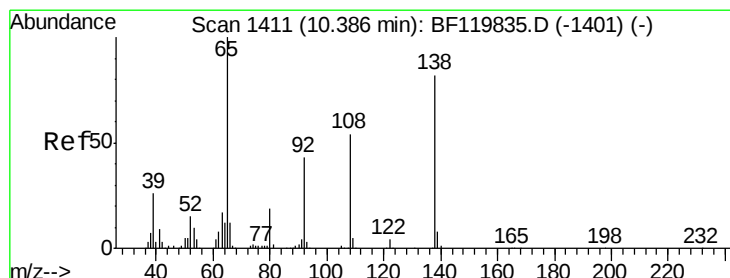
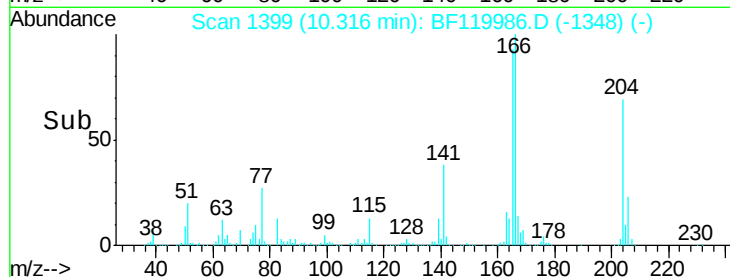
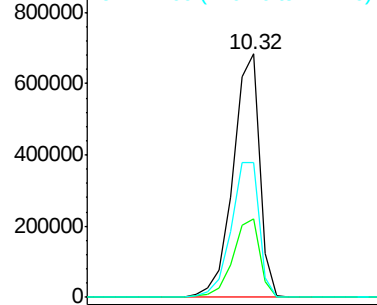
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	55.1	45.8	68.8

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM

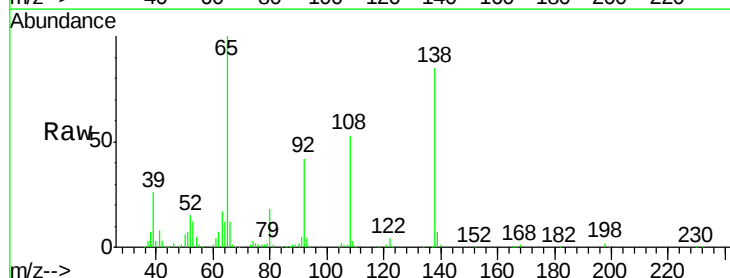


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

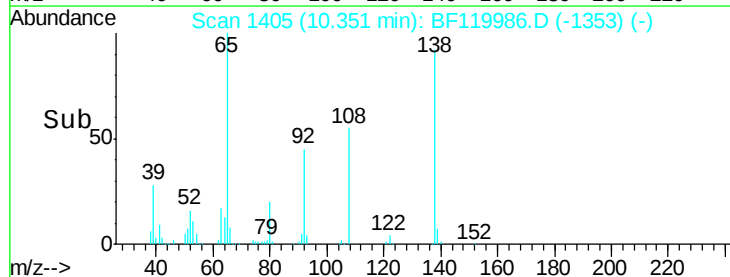
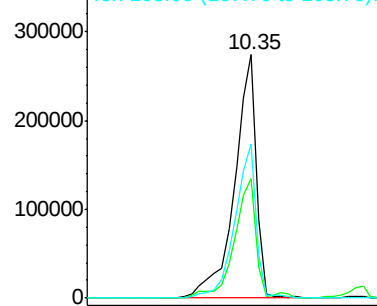


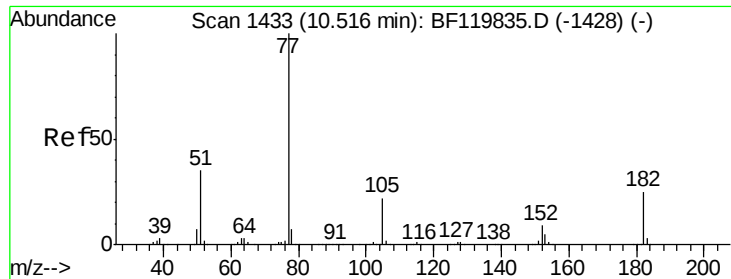
#62
4-Nitroaniline
Concen: 49.334 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.6	71.6
108	63.1	45.2	85.2



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





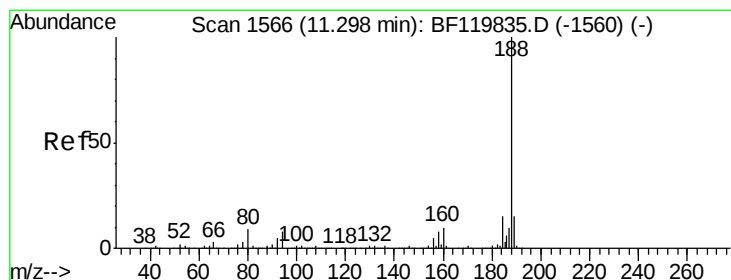
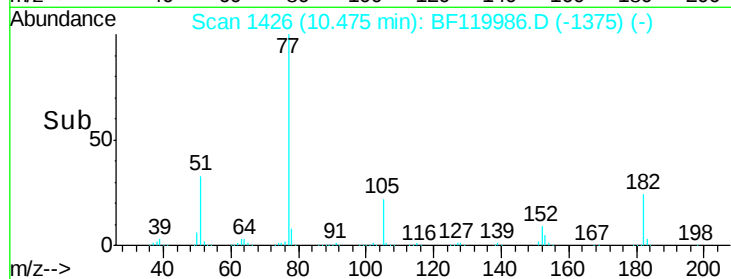
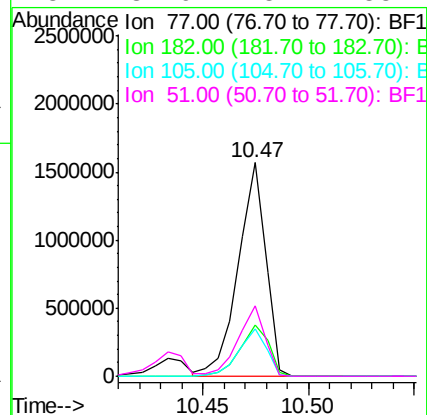
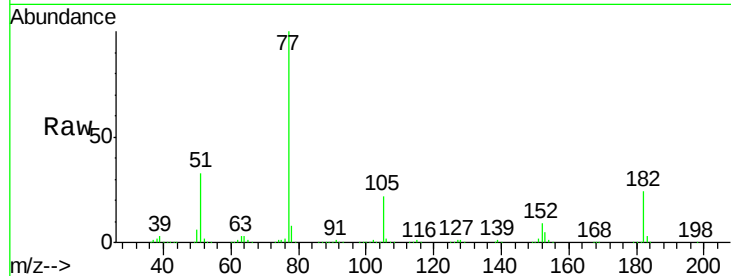
#63
Azobenzene
Concen: 54.350 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.5	44.5
105	22.4	2.2	42.2
51	32.9	15.1	55.1

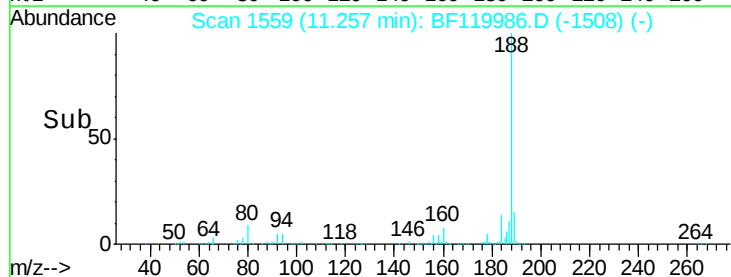
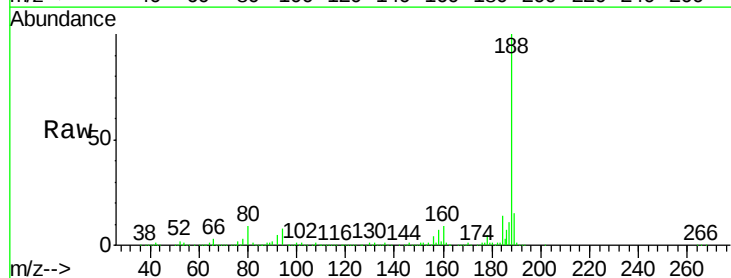
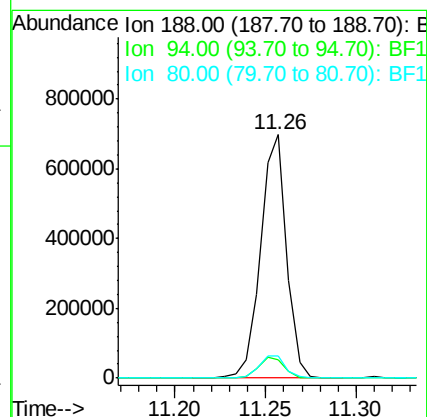
Manual Integrations
APPROVED

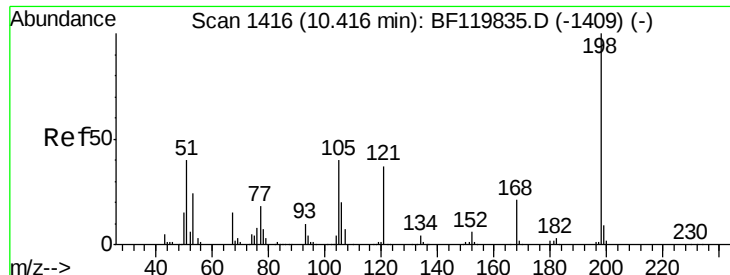
mohammad
4/16/2020 12:52:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.9	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 58.046 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

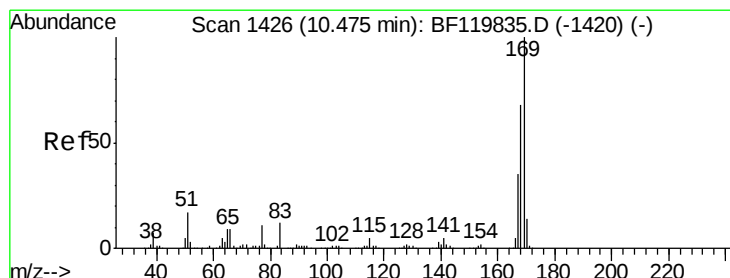
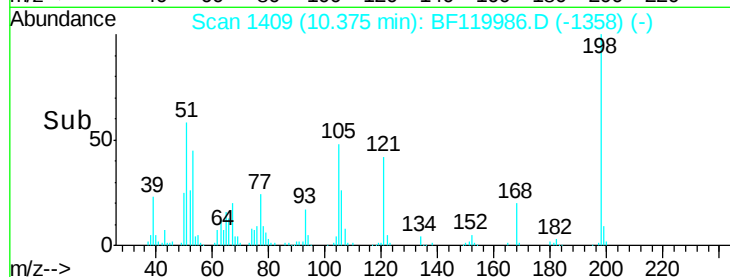
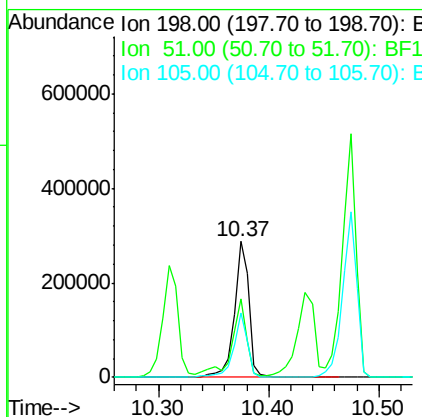
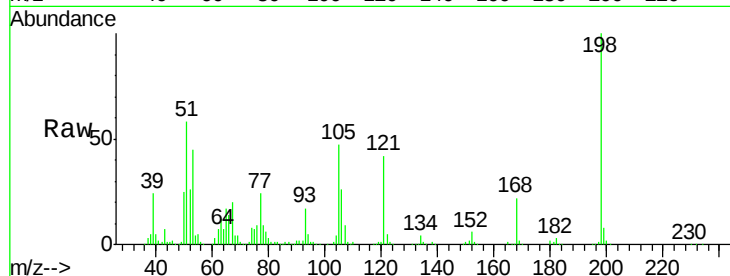
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:	198	Resp:	264521
Ion Ratio	Lower	Upper	
198	100		
51	58.1	25.2	65.2
105	47.5	20.8	60.8

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#66

n-Nitrosodiphenylamine

Concen: 53.147 ng

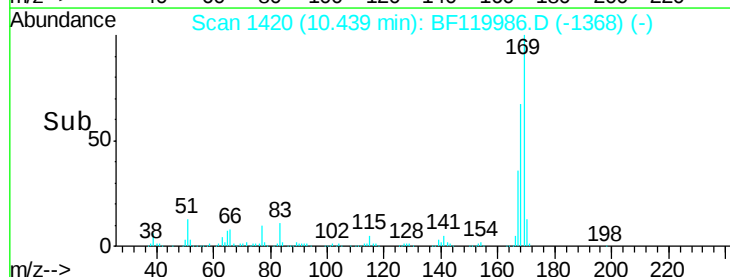
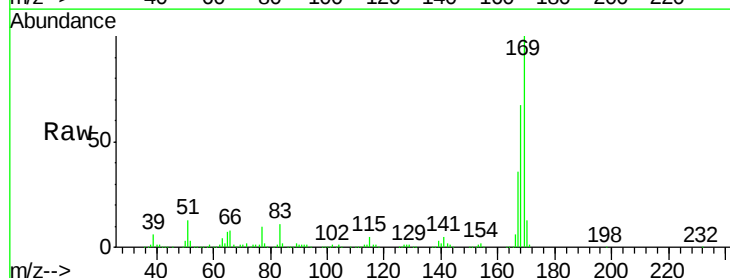
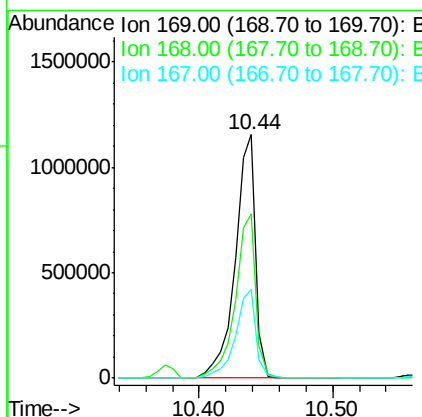
RT: 10.44 min Scan# 1420

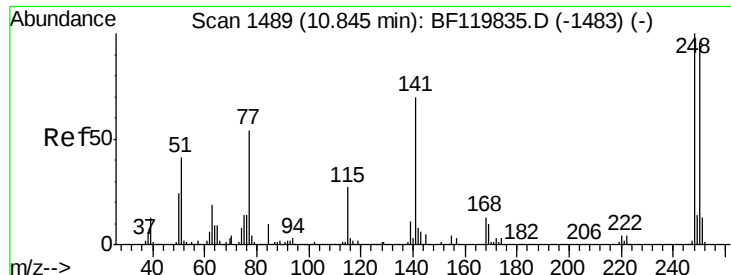
Delta R.T. 0.01 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Tgt Ion:	169	Resp:	1222622
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.4
167	36.2	28.3	42.5





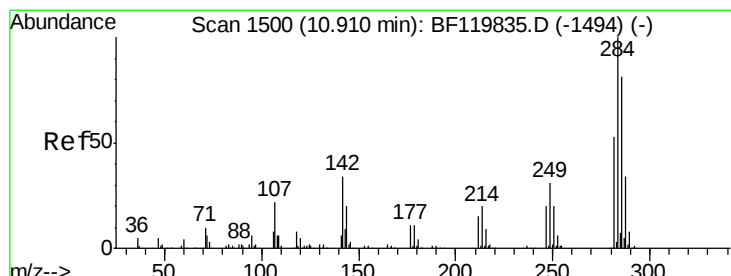
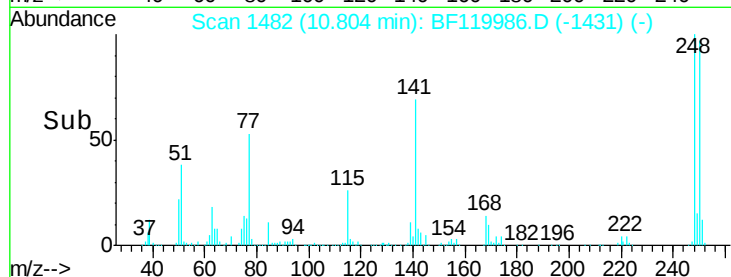
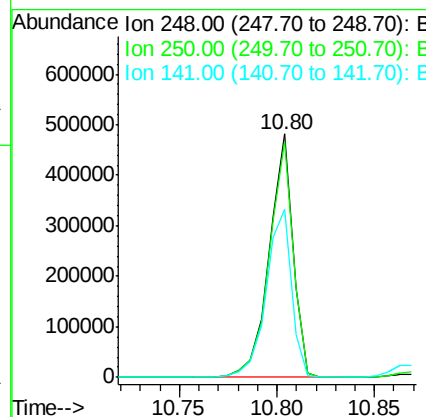
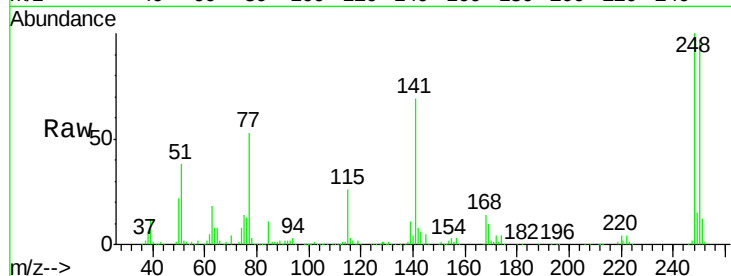
#67
4-Bromophenyl-phenylether
Concen: 47.281 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.6	114.8
141	69.0	55.9	83.9

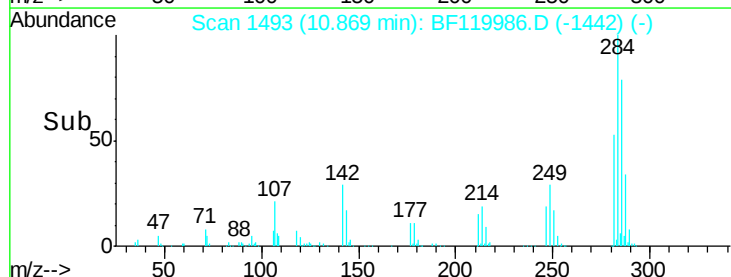
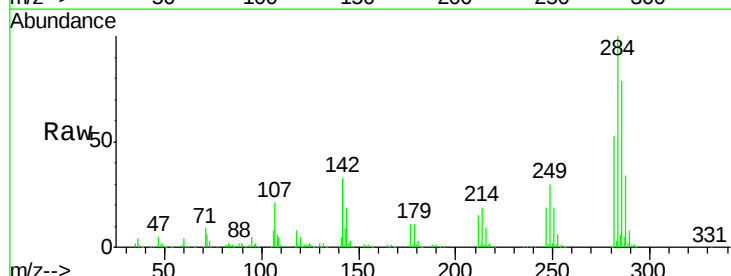
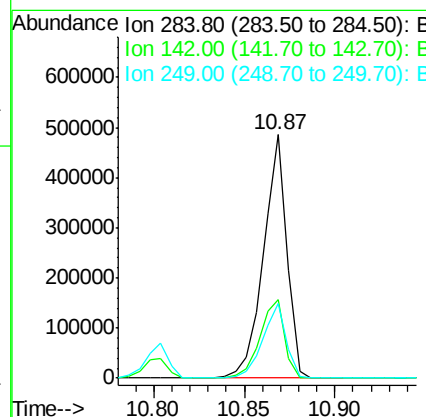
Manual Integrations
APPROVED

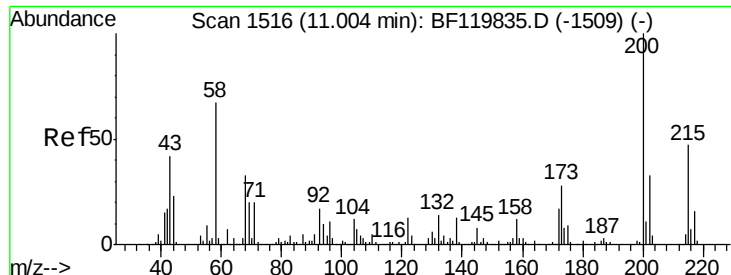
mohammad
4/16/2020 12:52:38 PM



#68
Hexachlorobenzene
Concen: 50.019 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.9	40.3
249	30.5	24.6	37.0





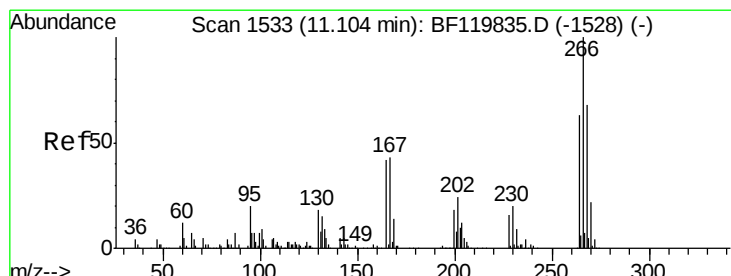
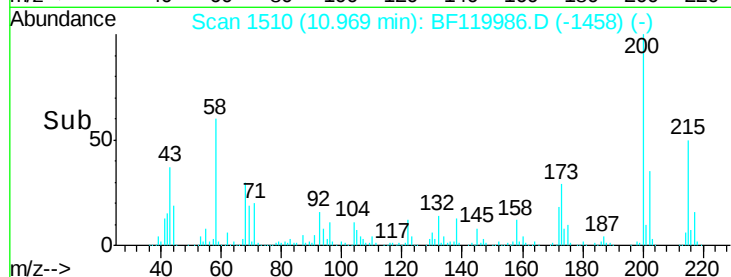
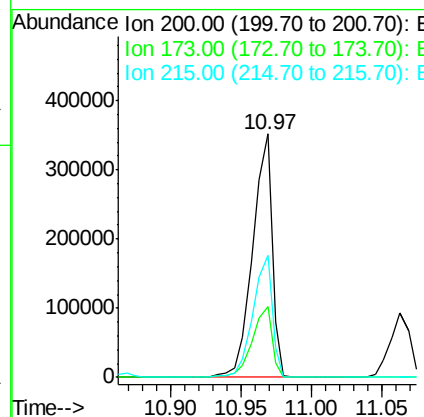
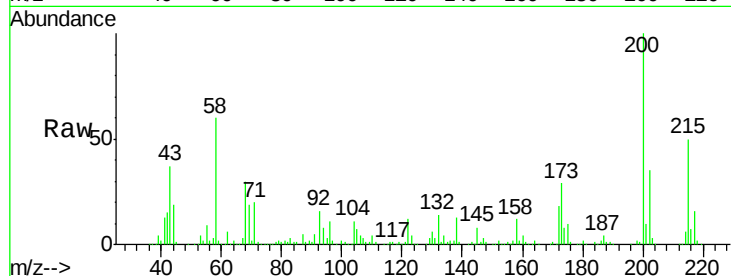
#69
Atrazine
Concen: 53.610 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	8.0	48.0
215	50.3	27.1	67.1

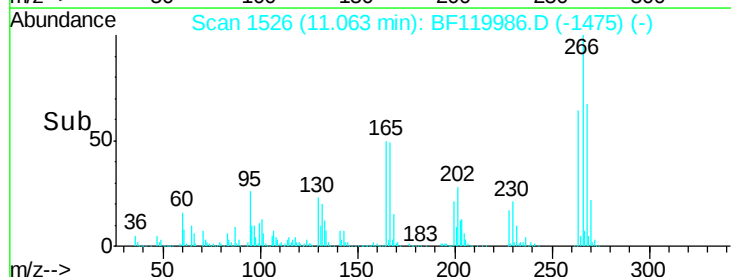
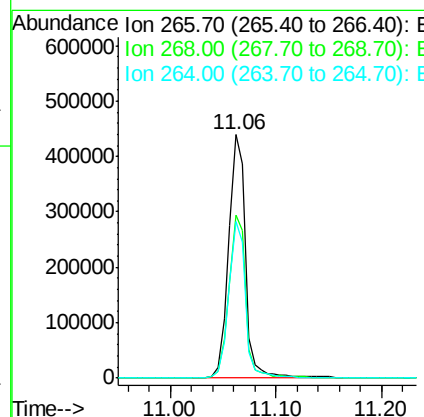
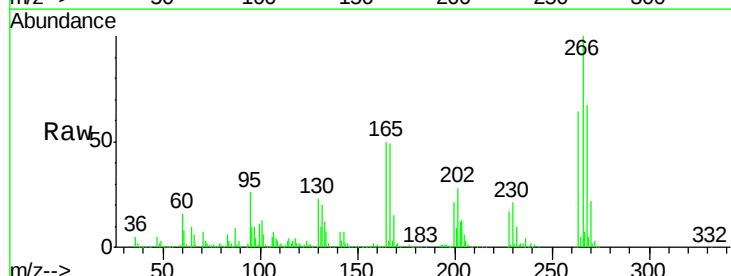
Manual Integrations
APPROVED

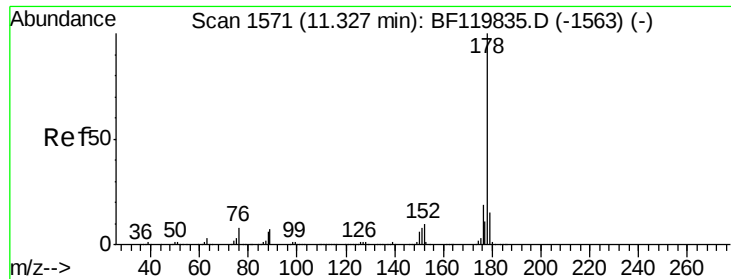
mohammad
4/16/2020 12:52:38 PM



#70
Pentachlorophenol
Concen: 97.390 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.9	54.2	81.4
264	64.4	50.6	76.0





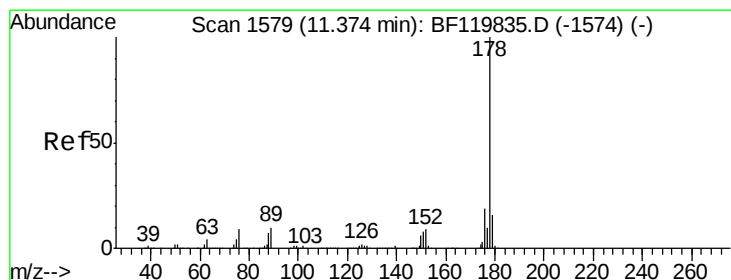
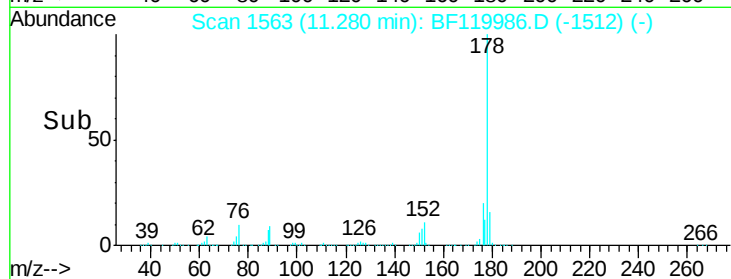
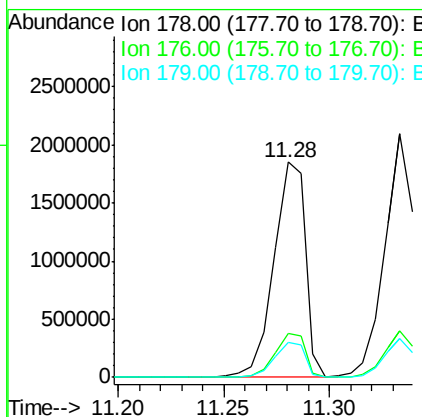
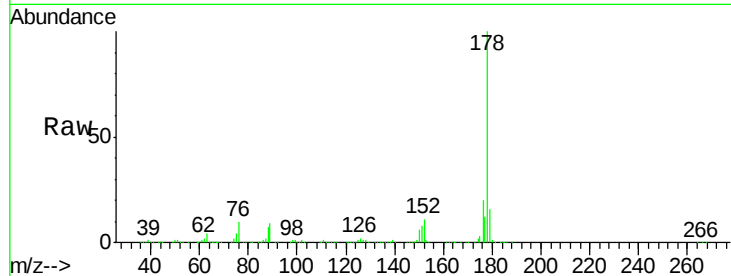
#71
Phenanthrene
Concen: 52.557 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:178 Resp: 1934833
Ion Ratio Lower Upper
178 100
176 20.2 15.1 22.7
179 16.2 12.2 18.4

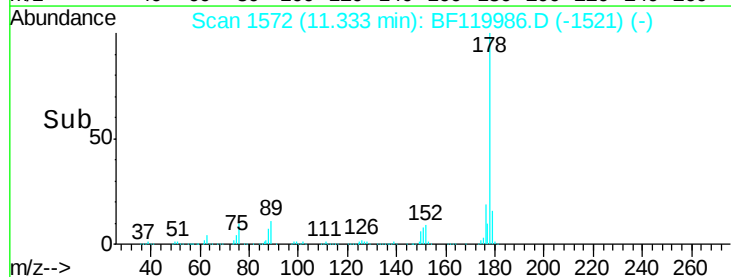
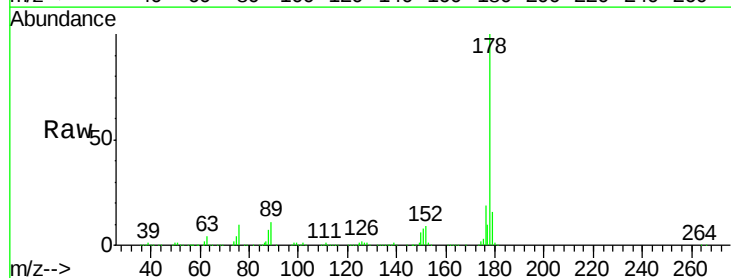
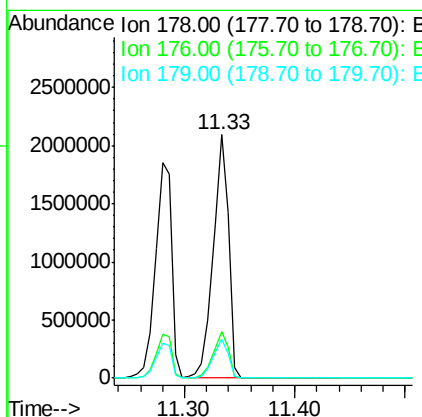
Manual Integrations
APPROVED

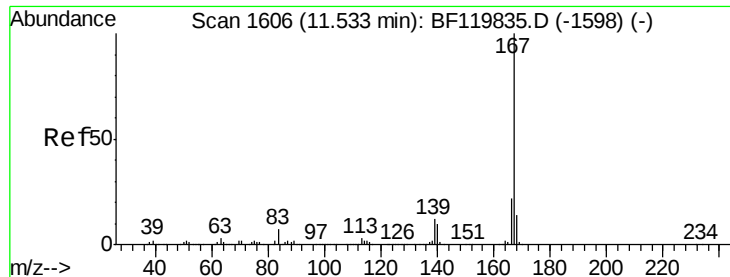
mohammad
4/16/2020 12:52:38 PM



#72
Anthracene
Concen: 52.814 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion:178 Resp: 1986190
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.0 12.8 19.2





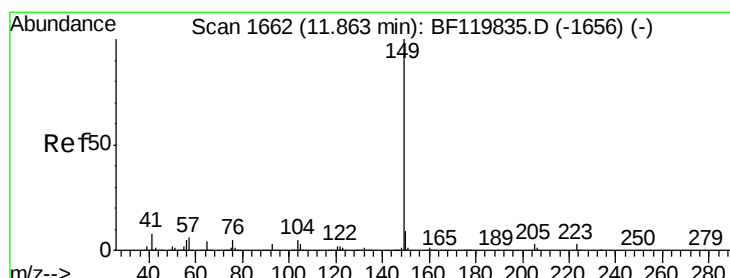
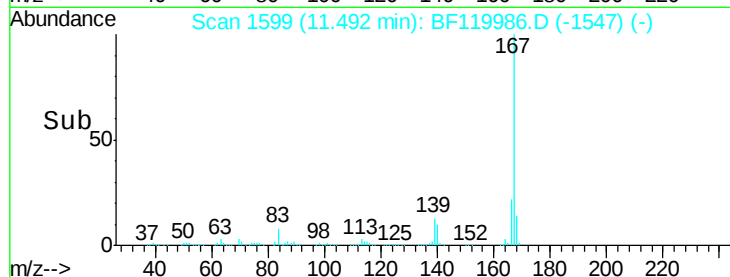
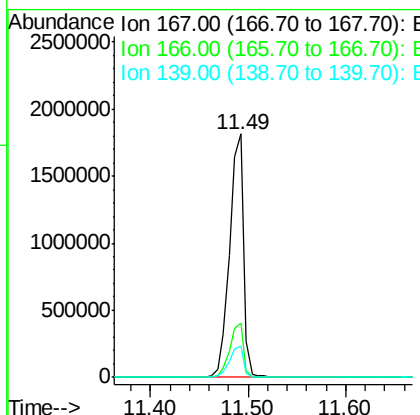
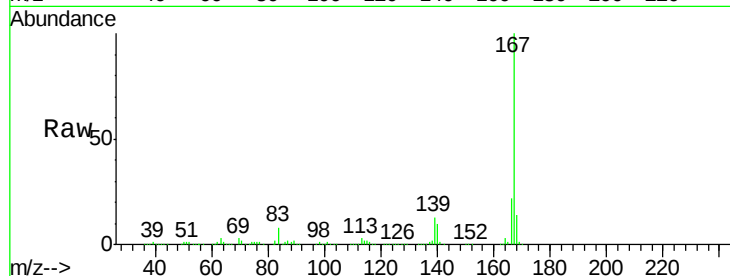
#73
 Carbazole
 Concen: 50.716 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.7	9.8	14.8

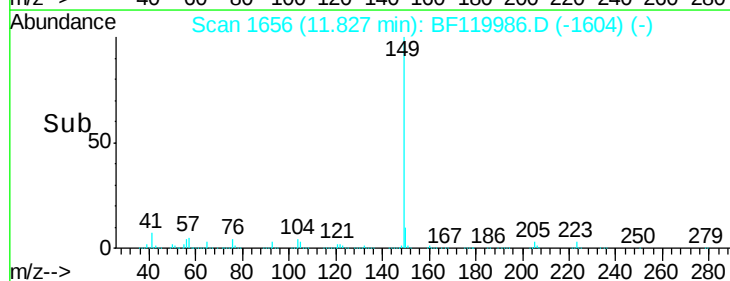
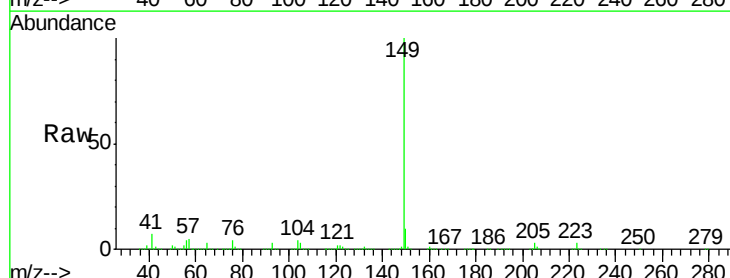
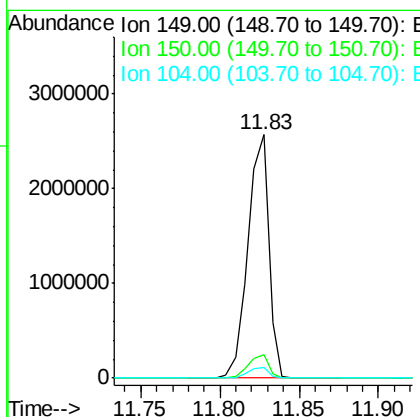
Manual Integrations
 APPROVED

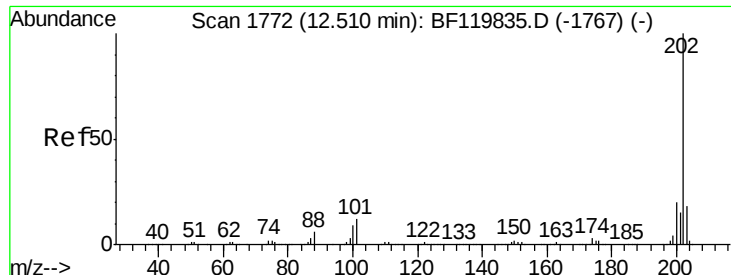
mohammad
 4/16/2020 12:52:38 PM



#74
 Di-n-butylphthalate
 Concen: 50.207 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.4	3.8	5.6





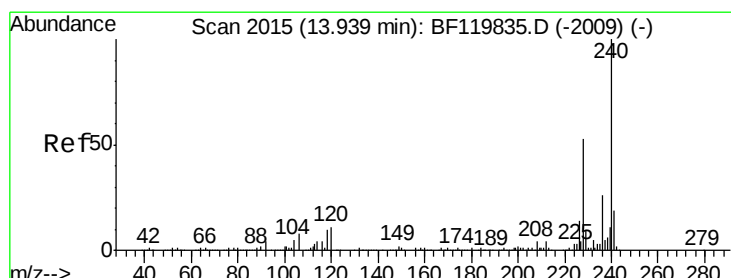
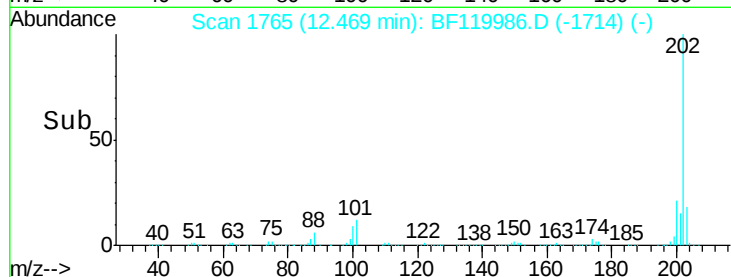
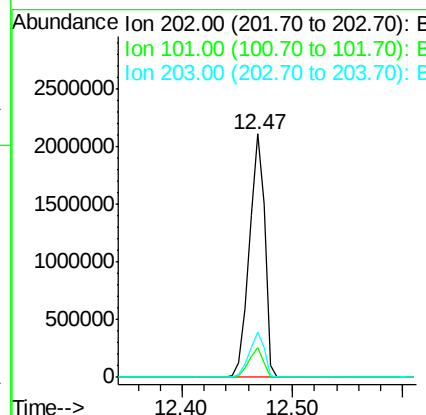
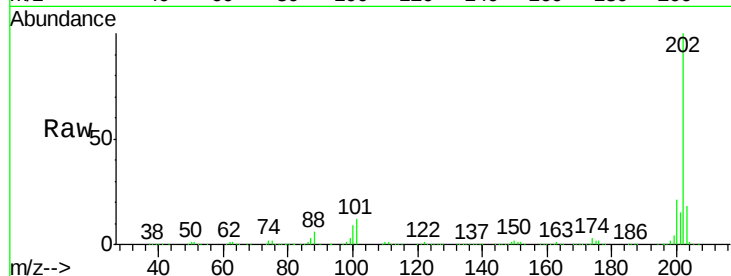
#75
Fluoranthene
Concen: 52.409 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.3
203	18.4	0.0	37.6

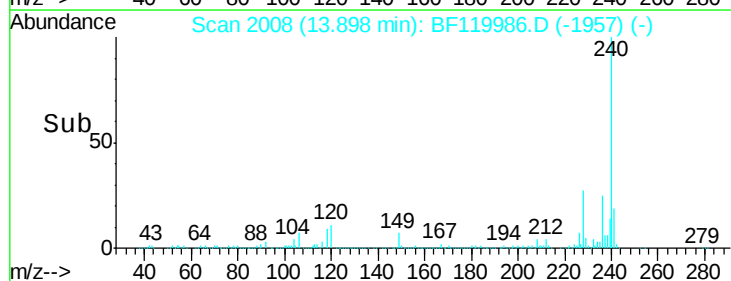
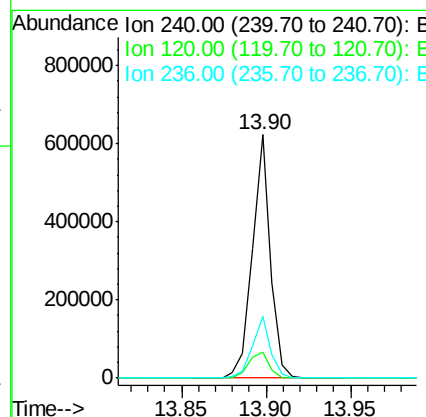
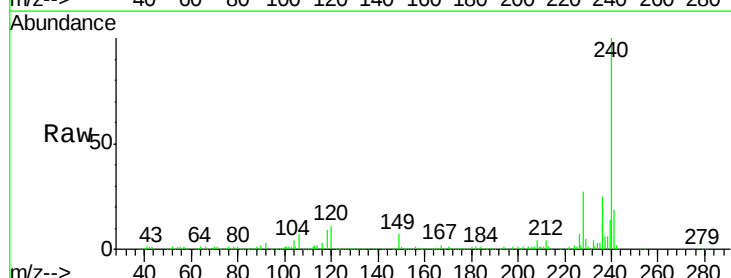
Manual Integrations
APPROVED

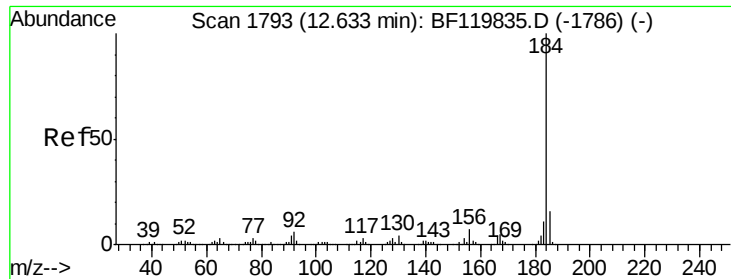
mohammad
4/16/2020 12:52:38 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.3	20.7	31.1





#77

Benzidine

Concen: 4.484 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:184 Resp: 70638

Ion Ratio Lower Upper

184 100

185 16.2 13.2 19.8

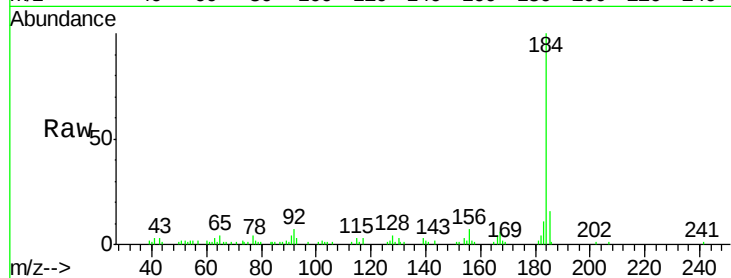
183 11.4 9.1 13.7

Manual Integrations

APPROVED

mohammad

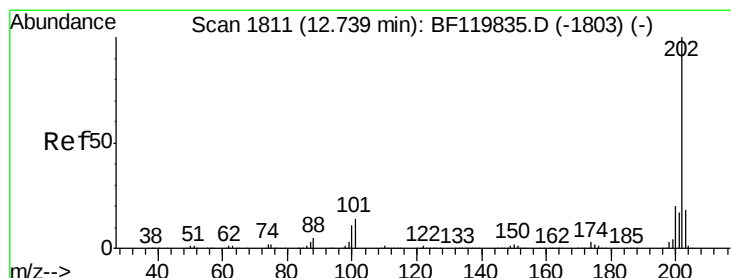
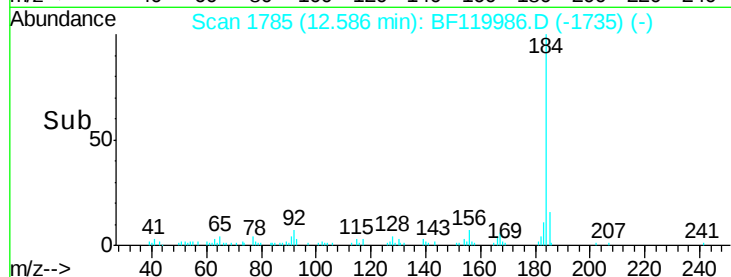
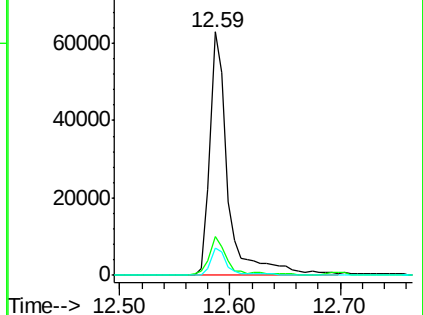
4/16/2020 12:52:38 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.346 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

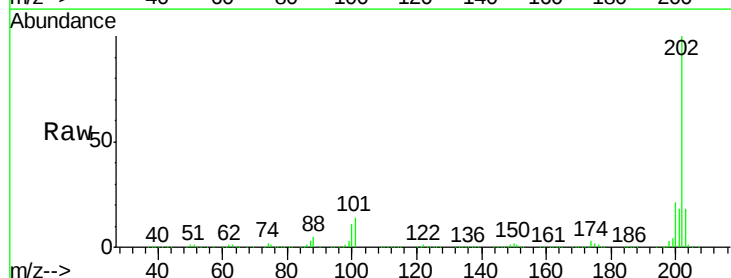
Tgt Ion:202 Resp: 2096055

Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.2

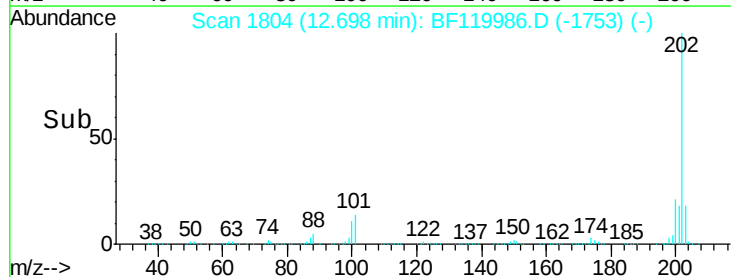
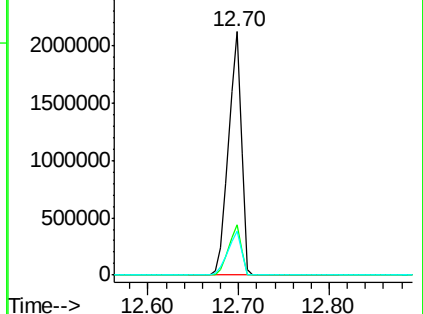
203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





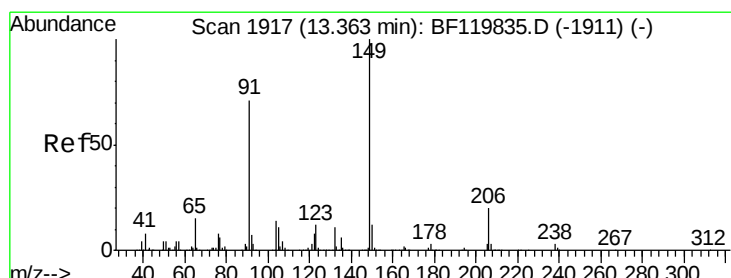
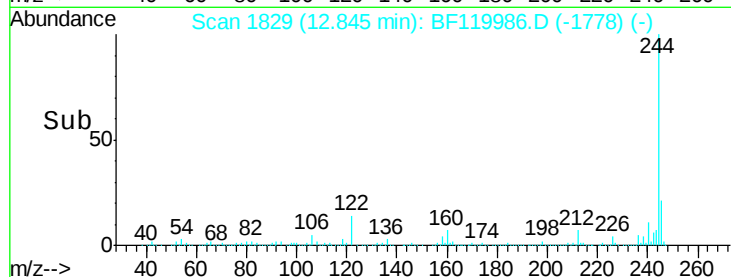
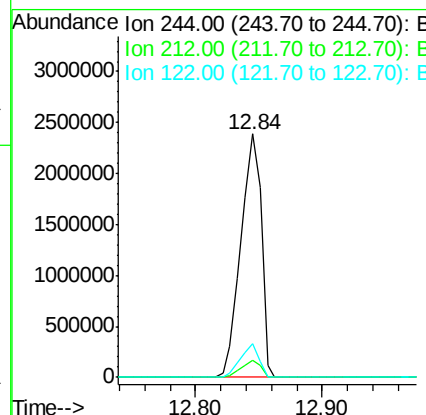
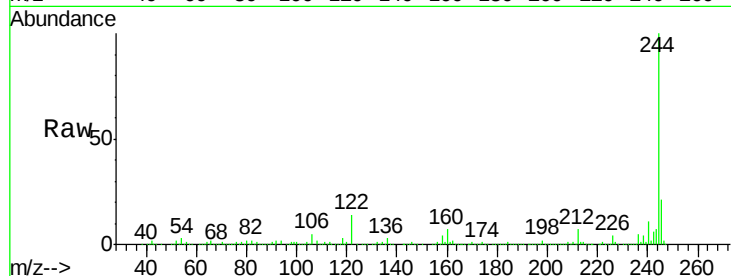
#79
 Terphenyl-d14
 Concen: 95.489 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:244 Resp: 2644978
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.0 10.3 15.5

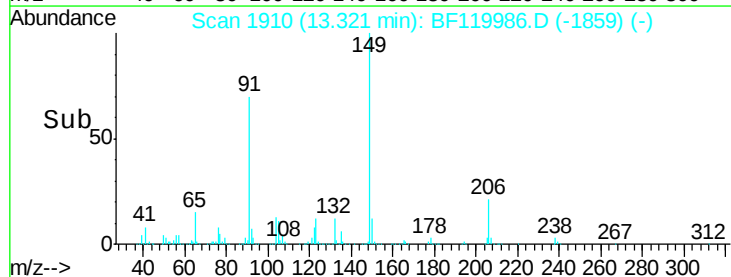
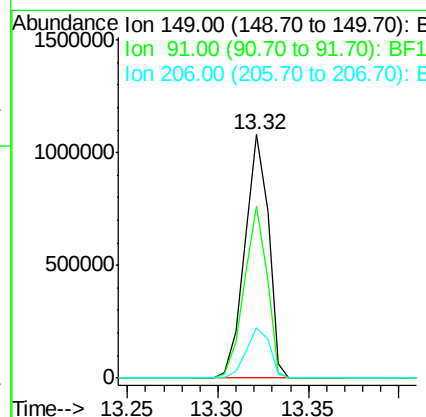
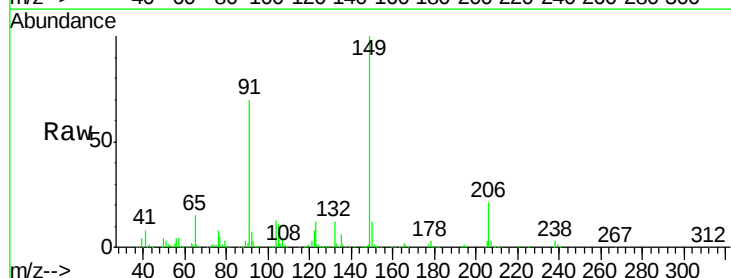
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:38 PM



#80
 Butylbenzylphthalate
 Concen: 51.213 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion:149 Resp: 976406
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.7 85.1
 206 20.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 51.568 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:228 Resp: 1581178

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

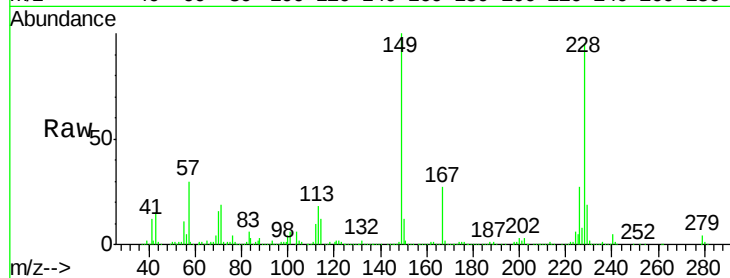
229 20.1 15.9 23.9

Manual Integrations

APPROVED

mohammad

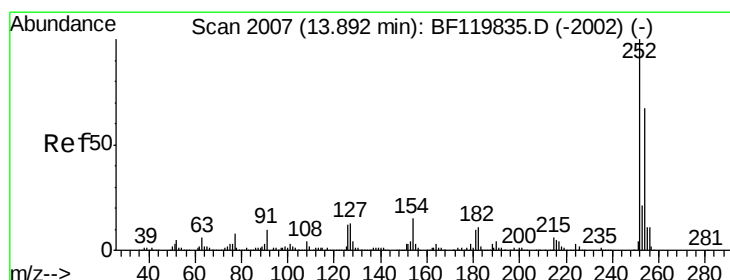
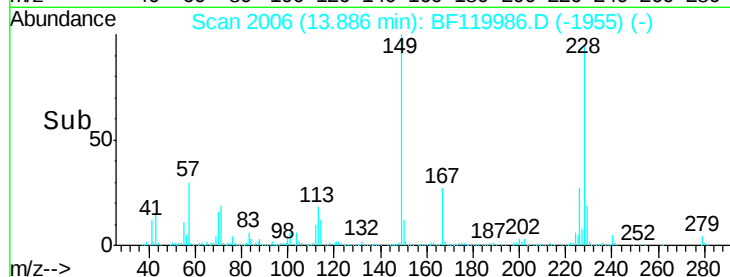
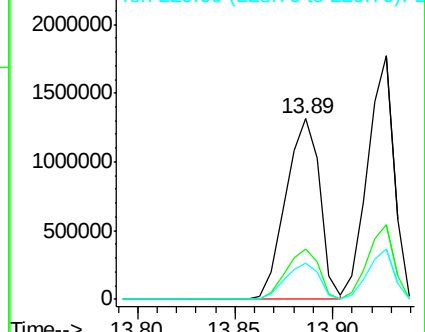
4/16/2020 12:52:38 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.174 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF119986.D

Acq: 15 Apr 2020 11:52

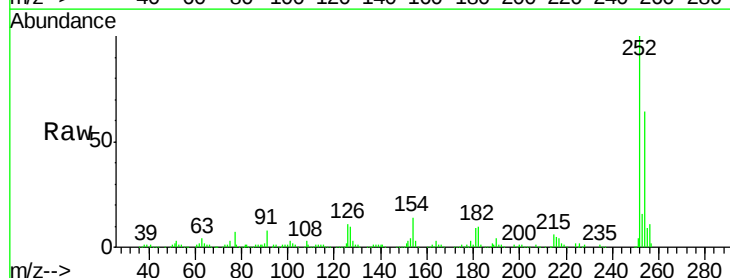
Tgt Ion:252 Resp: 265129

Ion Ratio Lower Upper

252 100

254 64.0 53.9 80.9

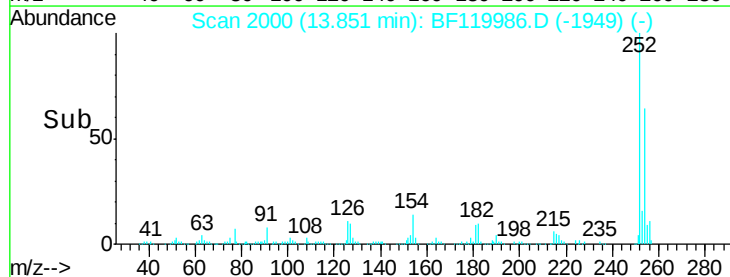
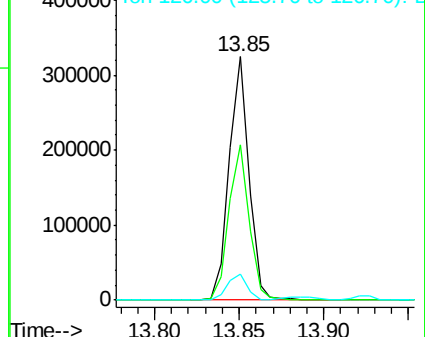
126 10.5 9.7 14.5

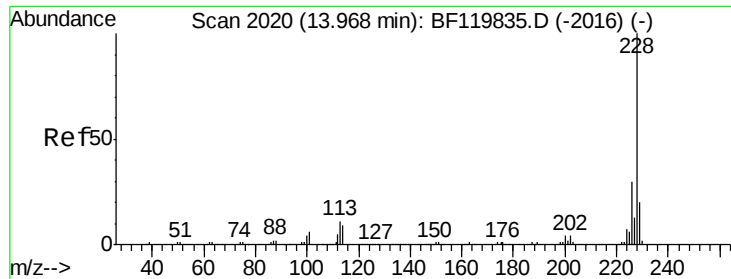


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





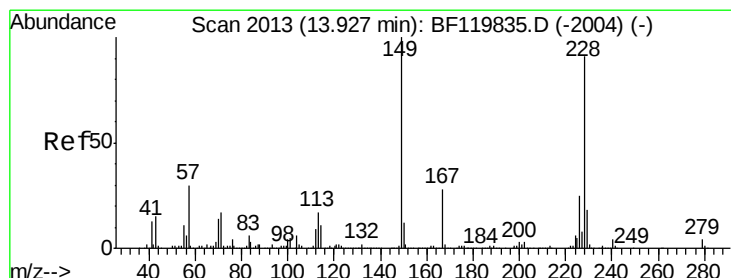
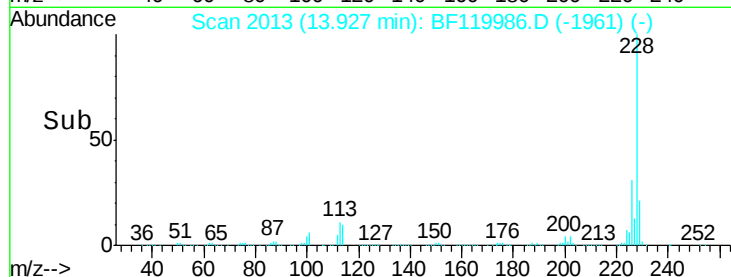
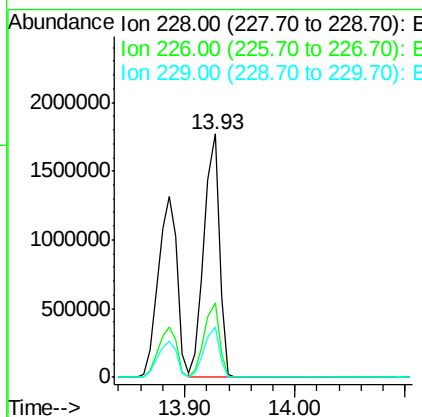
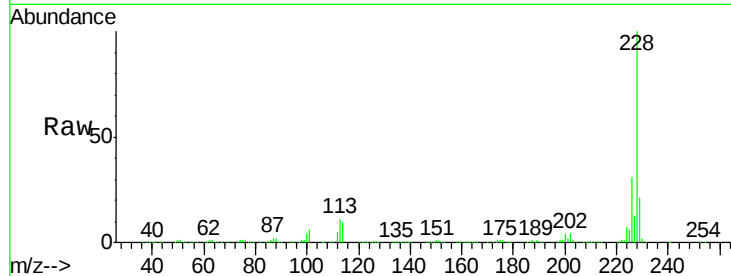
#83
 Chrvsene
 Concen: 53.386 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:228 Resp: 1663246
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.2 36.2
 229 20.7 15.9 23.9

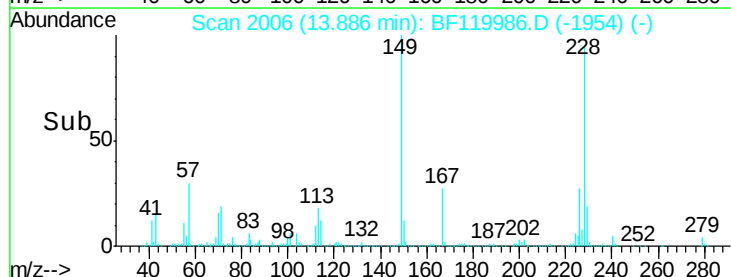
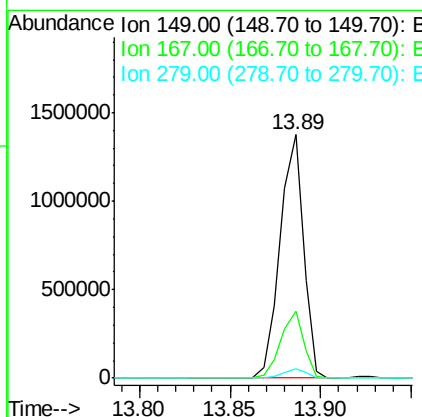
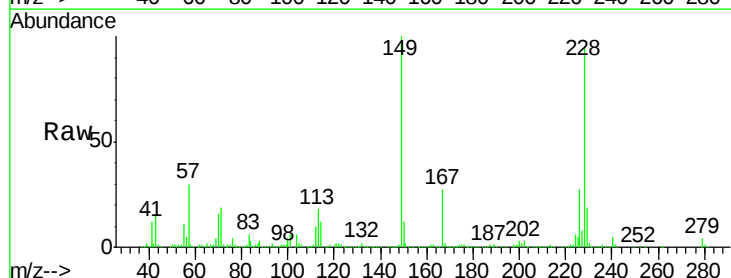
Manual Integrations
 APPROVED

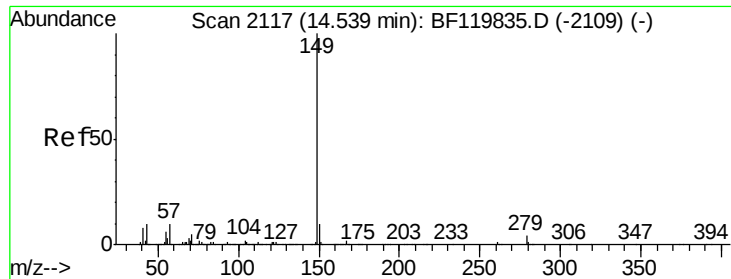
mohammad
 4/16/2020 12:52:38 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.323 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119986.D
 Acq: 15 Apr 2020 11:52

Tgt Ion:149 Resp: 1247656
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.2 33.2
 279 3.7 3.4 5.0





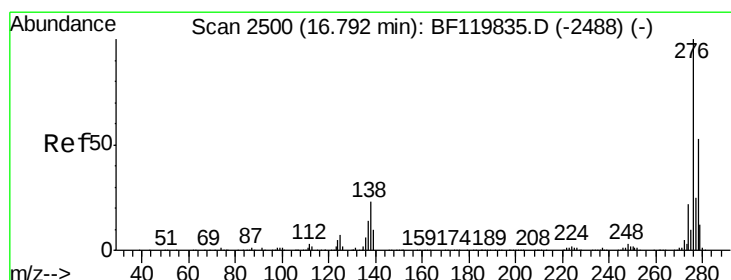
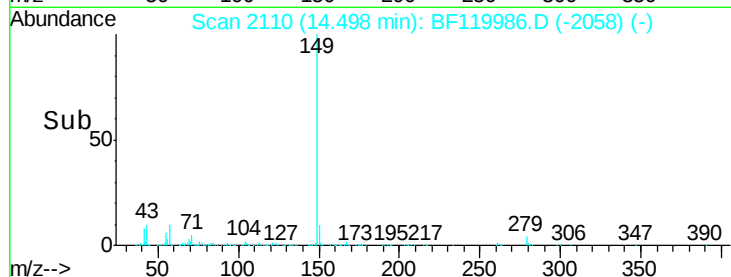
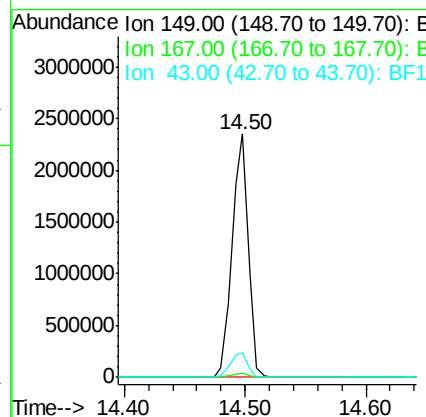
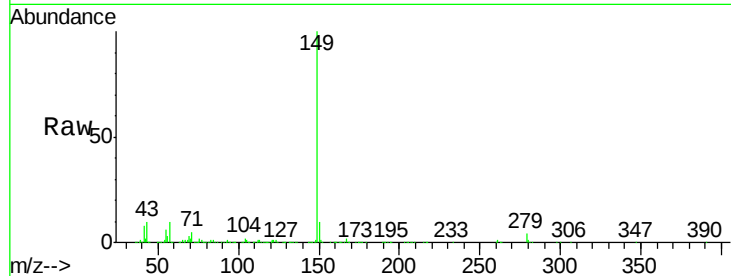
#85
Di-n-octyl phthalate
Concen: 49.348 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.5	9.2	13.8	

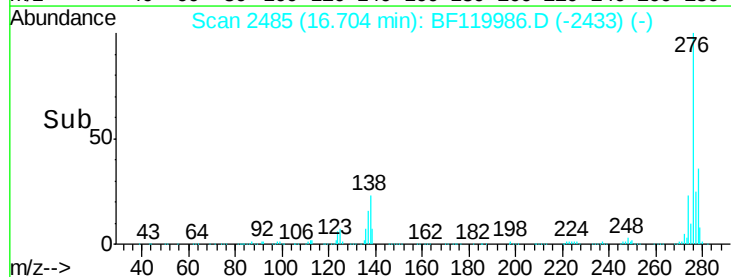
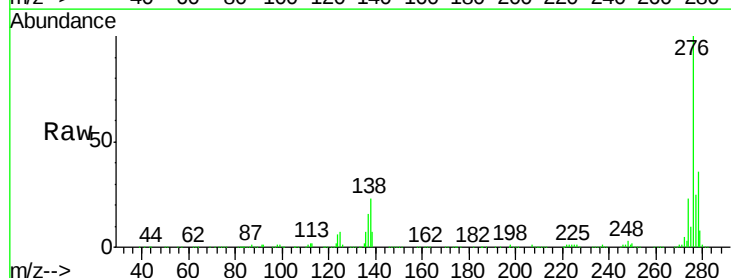
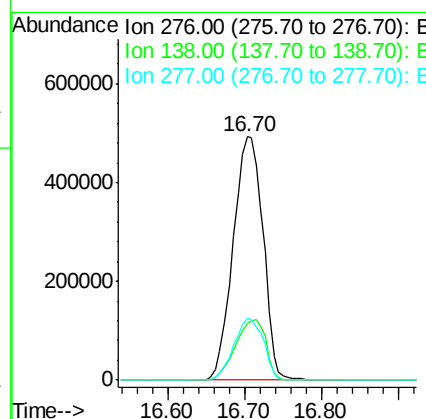
Manual Integrations
APPROVED

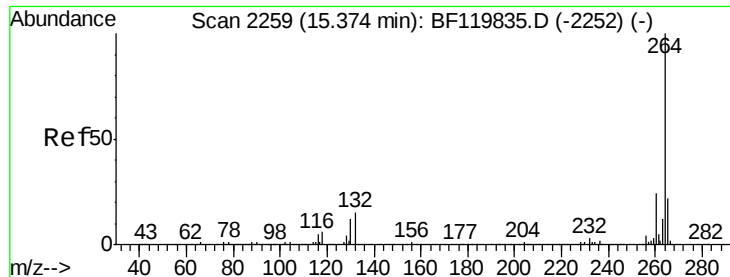
mohammad
4/16/2020 12:52:38 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.710 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

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





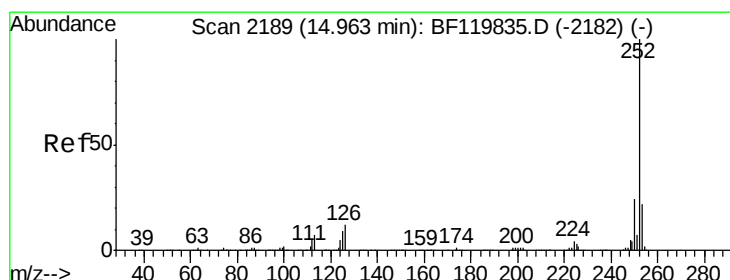
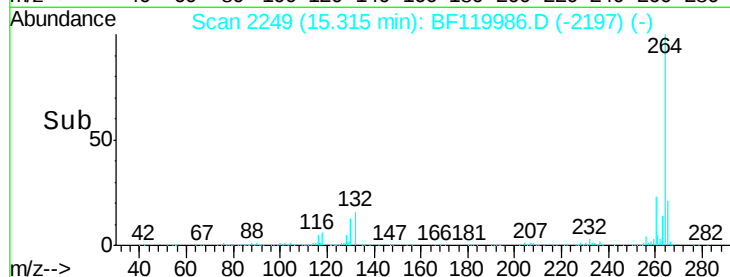
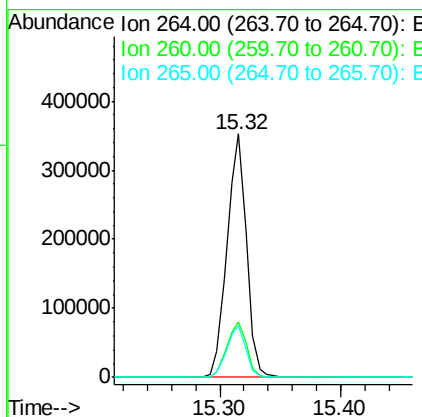
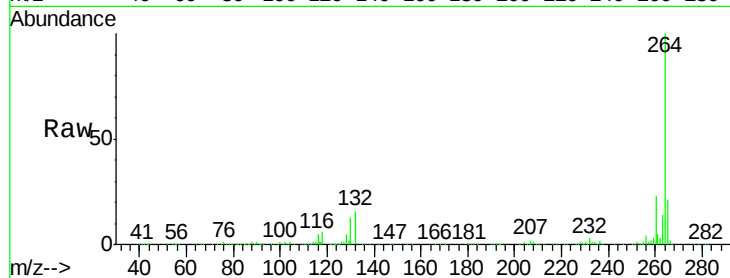
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.3	28.9
265	21.2	17.6	26.4

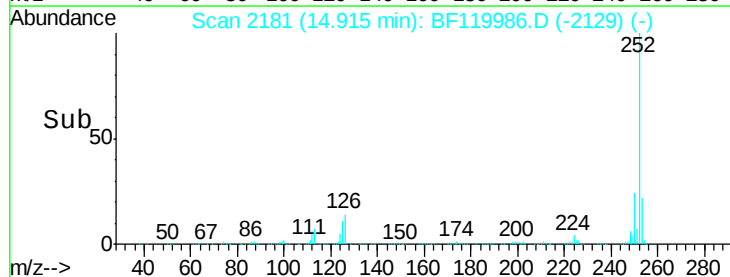
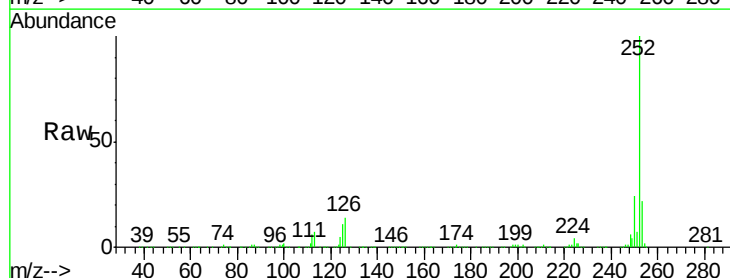
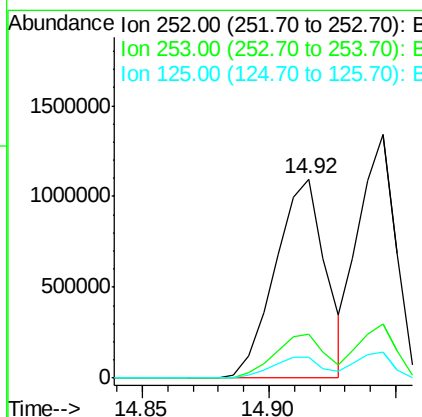
Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#88
Benzo(b)fluoranthene
Concen: 53.598 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.8	7.4	11.2





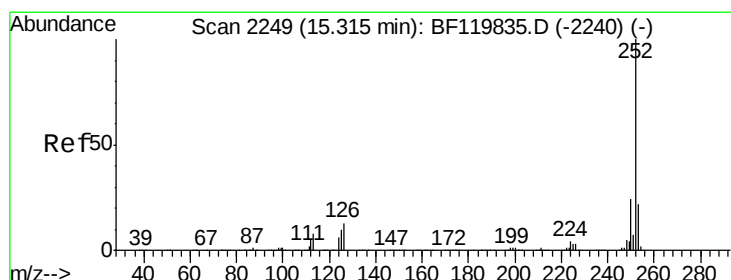
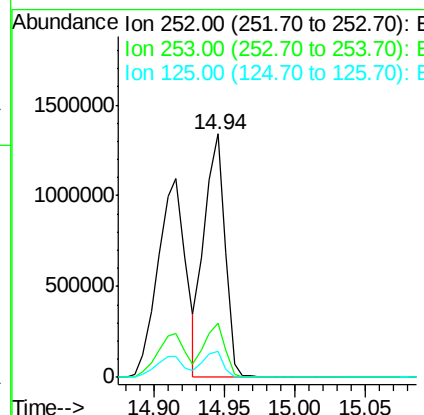
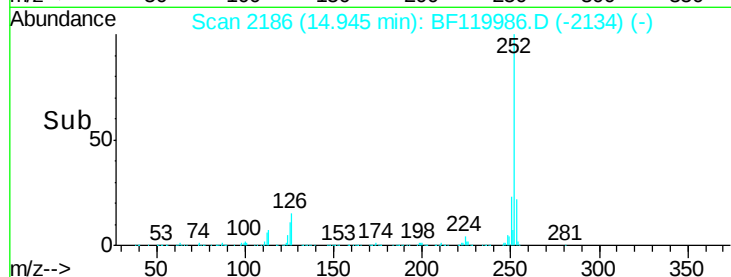
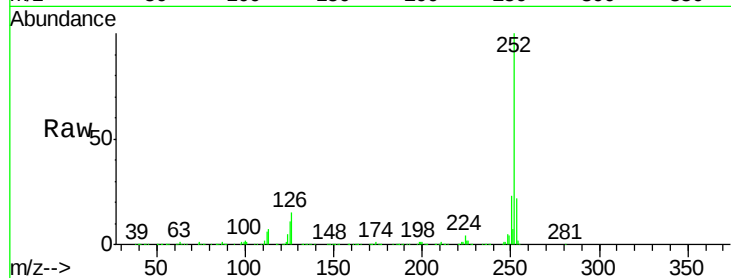
#89
Benzo(k)fluoranthene
Concen: 56.189 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	7.7	11.5

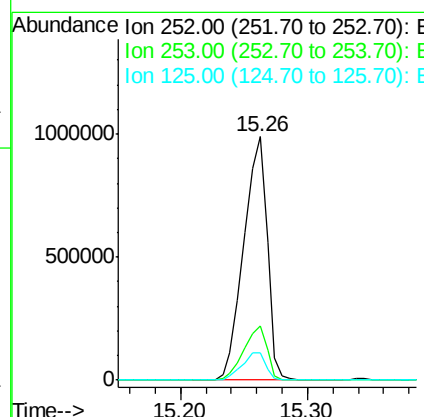
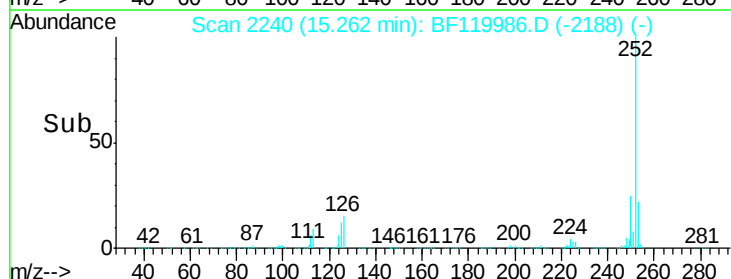
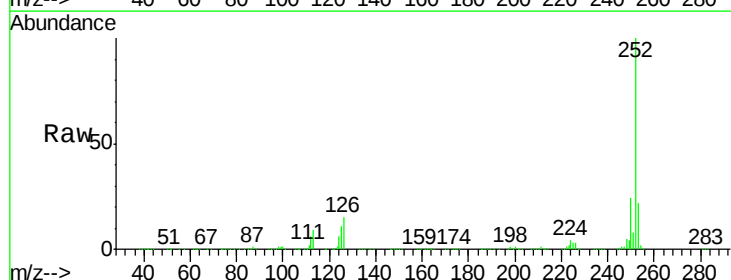
Manual Integrations
APPROVED

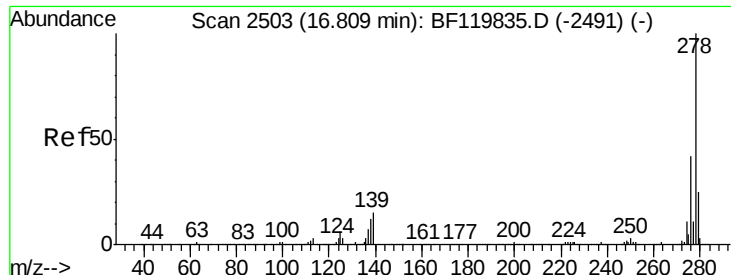
mohammad
4/16/2020 12:52:38 PM



#90
Benzo(a)pyrene
Concen: 53.668 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.2	8.3	12.5





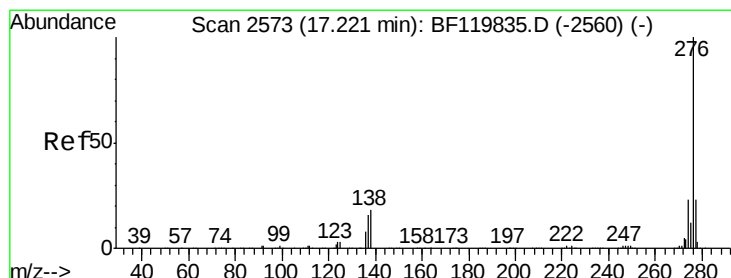
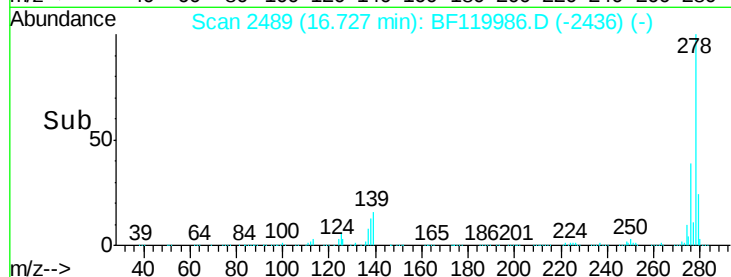
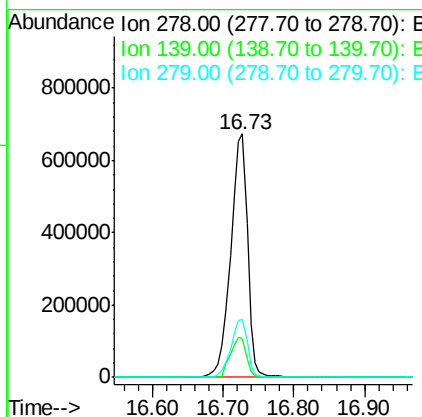
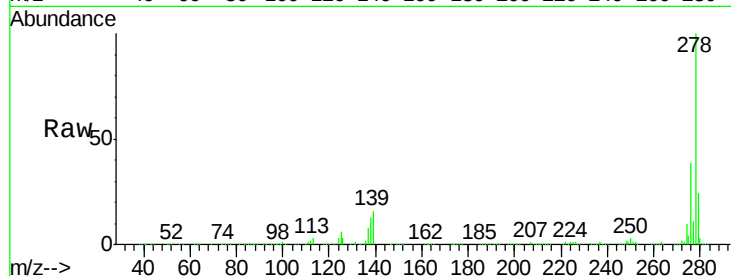
#91
Dibenzo(a,h)anthracene
Concen: 53.330 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Tot Ion:278 Resp: 1120902
Ion Ratio Lower Upper
278 100
139 16.2 11.6 17.4
279 23.9 19.7 29.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:38 PM



#92
Benzo(g,h,i)perylene
Concen: 52.375 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF119986.D
Acq: 15 Apr 2020 11:52

Tgt Ion:276 Resp: 1086633
Ion Ratio Lower Upper
276 100
277 24.5 18.5 27.7
138 23.2 14.6 22.0#

