

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112273.D
 Acq On : 28 Jan 2019 14:36
 Operator : JU/SJ
 Sample : K1258-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:35:01 AM

Quant Time: Jan 29 00:50:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	198838	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	776897	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	391224	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	749732	20.00	ng	0.00
76) Chrysene-d12	14.01	240	581850	20.00	ng	0.00
87) Perylene-d12	15.47	264	492875	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1387386	148.21	ng	0.00
7) Phenol-d6	6.49	99	1744576	134.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	1129614	83.78	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	572821	125.79	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2252981	81.45	ng	0.00
79) Terphenyl-d14	12.94	244	2357560	76.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	144199	38.668	ng	96
3) Pyridine	3.44	79	154890	16.328	ng	95
4) n-Nitrosodimethylamine	3.36	42	187376	47.016	ng	96
6) Aniline	6.50	93	442612	28.604	ng	# 27
8) 2-Chlorophenol	6.63	128	465918	36.997	ng	95
9) Benzaldehyde	6.39	77	86392	12.707	ng	94
10) Phenol	6.50	94	605994	42.463	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	422275	37.584	ng	99
12) 1,3-Dichlorobenzene	6.79	146	504826	34.421	ng	99
13) 1,4-Dichlorobenzene	6.86	146	527030	34.917	ng	97
14) 1,2-Dichlorobenzene	7.02	146	485608	34.363	ng	98
15) Benzyl Alcohol	6.99	79	393504	35.886	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	522596	36.226	ng	75
17) 2-Methylphenol	7.10	107	367924	36.855	ng	94
18) Hexachloroethane	7.35	117	186044	35.101	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	312406	34.830	ng	99
20) 3+4-Methylphenols	7.26	107	472786	37.035	ng	# 80
22) Acetophenone	7.25	105	625435	33.061	ng	# 98
24) Nitrobenzene	7.42	77	471080	34.983	ng	100
25) Isophorone	7.66	82	840079	39.716	ng	98
26) 2-Nitrophenol	7.74	139	260486	36.197	ng	93
27) 2,4-Dimethylphenol	7.78	122	411548	41.508	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	539804	37.479	ng	98
29) 2,4-Dichlorophenol	7.99	162	409398	36.898	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	453647	35.570	ng	99
31) Naphthalene	8.15	128	1359912	37.431	ng	99
32) Benzoic acid	7.89	122	55578	9.827	ng	93
33) 4-Chloroaniline	8.19	127	410072	25.922	ng	97
34) Hexachlorobutadiene	8.26	225	247164	33.025	ng	98
35) Caprolactam	8.56	113	119193m	30.452	ng	
36) 4-Chloro-3-methylphenol	8.69	107	417619	35.555	ng	97
37) 2-Methylnaphthalene	8.84	142	965886	38.835	ng	97
38) 1-Methylnaphthalene	8.94	142	911142	38.221	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	445945	34.717	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112273.D
 Acq On : 28 Jan 2019 14:36
 Operator : JU/SJ
 Sample : K1258-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

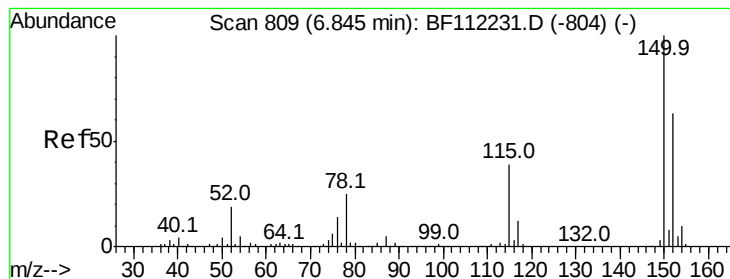
Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:35:01 AM

Quant Time: Jan 29 00:50:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	322710	67.918	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	281329	35.530	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	296506	35.830	nq	96
46) 1,1'-Biphenyl	9.30	154	1179932	34.499	nq	99
47) 2-Chloronaphthalene	9.33	162	908026	34.236	nq	97
48) 2-Nitroaniline	9.42	65	251904	34.846	nq	90
49) Acenaphthylene	9.75	152	1429532	36.773	nq	99
50) Dimethylphthalate	9.60	163	1192195	39.222	nq	99
51) 2,6-Dinitrotoluene	9.66	165	244667	35.941	nq	# 87
52) Acenaphthene	9.92	154	824626	35.510	nq	99
53) 3-Nitroaniline	9.83	138	201724	27.352	nq	90
54) 2,4-Dinitrophenol	9.95	184	141951	64.974	nq	98
55) Dibenzofuran	10.09	168	1259454	35.490	nq	95
56) 4-Nitrophenol	10.02	139	279112	71.582	nq	95
57) 2,4-Dinitrotoluene	10.07	165	321197	37.062	nq	92
58) Fluorene	10.43	166	1001293	37.704	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	242755	38.818	nq	99
60) Diethylphthalate	10.30	149	1065484	35.322	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	493007	34.128	nq	95
62) 4-Nitroaniline	10.45	138	245907	33.993	nq	96
63) Azobenzene	10.58	77	934615	35.230	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	134144	31.913	nq	91
66) n-Nitrosodiphenylamine	10.54	169	887677	35.130	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	311227	35.295	nq	97
68) Hexachlorobenzene	10.98	284	326916	34.556	nq	96
69) Atrazine	11.06	200	292255	35.845	nq	96
70) Pentachlorophenol	11.18	266	231676	62.936	nq	97
71) Phenanthrene	11.39	178	1440791	36.965	nq	100
72) Anthracene	11.44	178	1506883	38.811	nq	99
73) Carbazole	11.60	167	1324540	34.584	nq	99
74) Di-n-butylphthalate	11.92	149	1662702	34.976	nq	98
75) Fluoranthene	12.58	202	1511609	36.158	nq	98
77) Benzidine	12.69	184	287833	17.973	nq	96
78) Pyrene	12.81	202	1519356	37.716	nq	99
80) Butylbenzylphthalate	13.42	149	705424	36.194	nq	97
81) Benzo(a)anthracene	14.00	228	1314158	38.421	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	347608	27.155	nq	99
83) Chrysene	14.03	228	1226510	37.566	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	978995	35.386	nq	99
85) Di-n-octyl phthalate	14.58	149	1525738	35.845	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1051321	40.637	nq	98
88) Benzo(b)fluoranthene	15.04	252	1143073	38.779	nq	98
89) Benzo(k)fluoranthene	15.07	252	1092295	38.687	nq	99
90) Benzo(a)pyrene	15.41	252	1040038	39.214	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	872760	40.830	nq	99
92) Benzo(g,h,i)perylene	17.39	276	867705	43.026	nq	98

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



#1

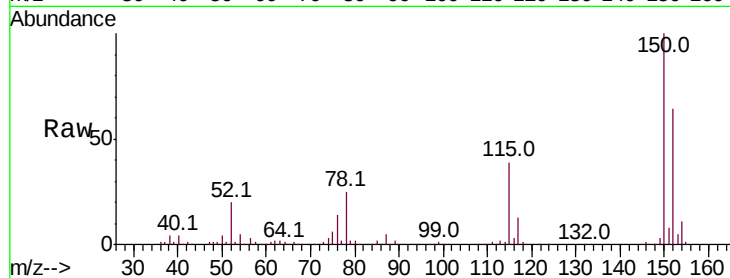
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	60.3	45.5	68.3

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

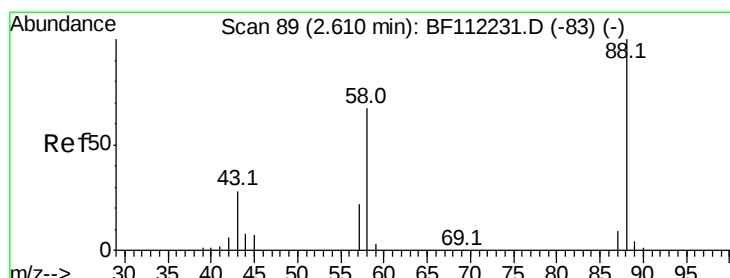
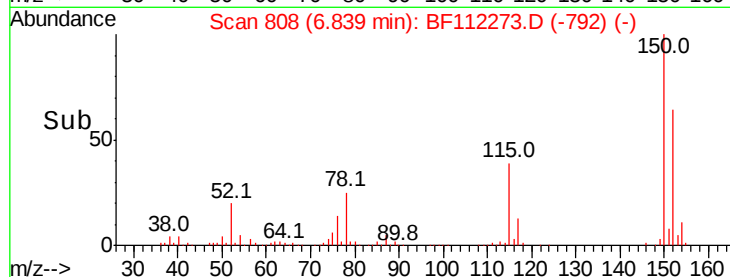
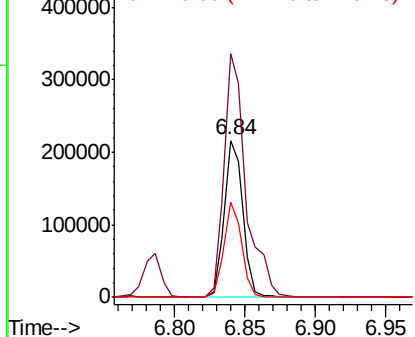


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

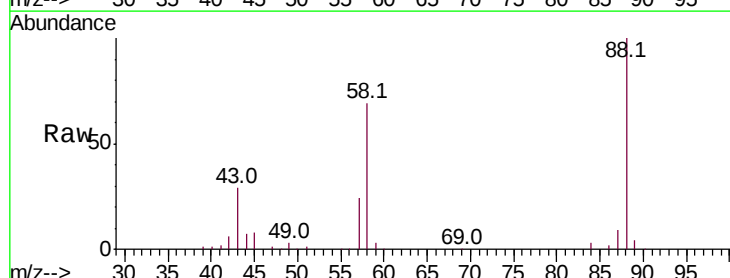
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.668 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	57.4	86.2
43	28.0	22.2	33.4

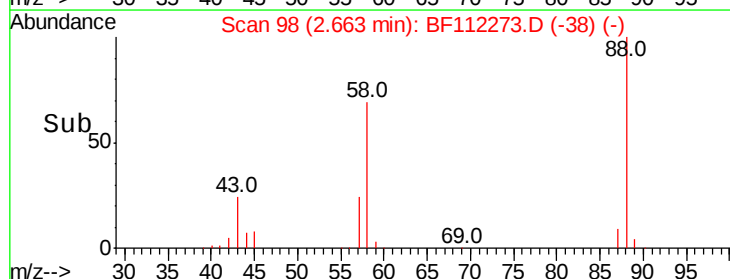
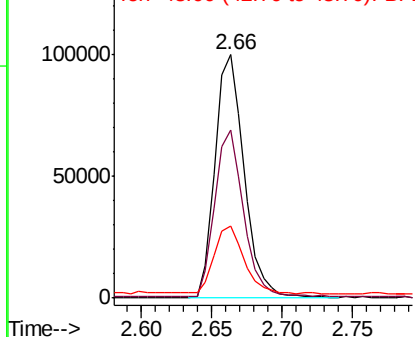


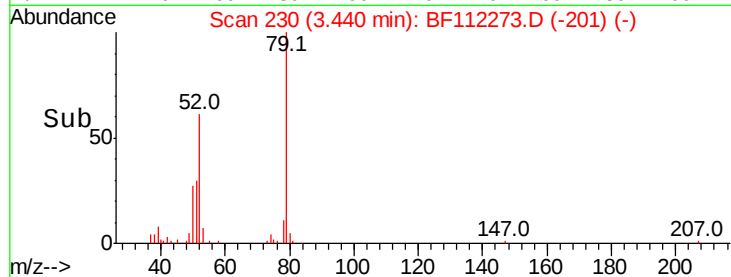
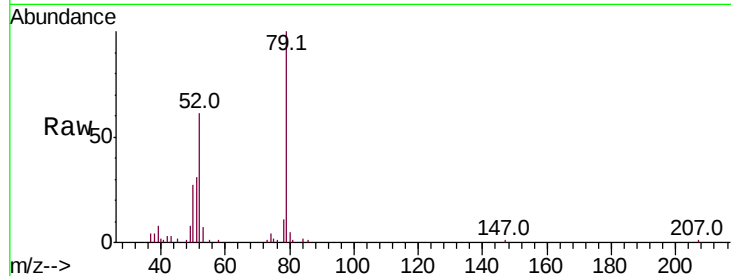
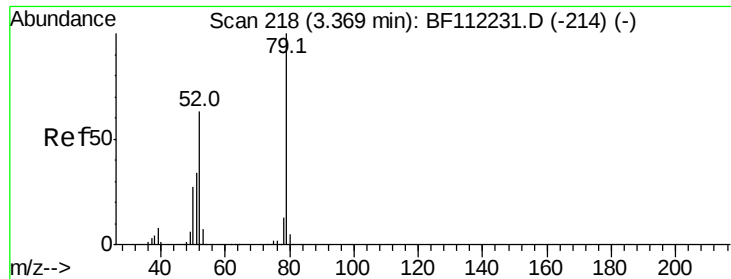
Abundance

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





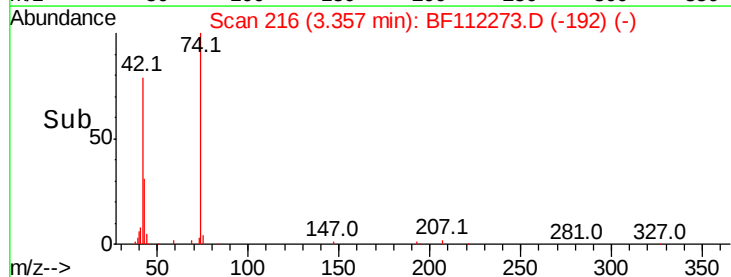
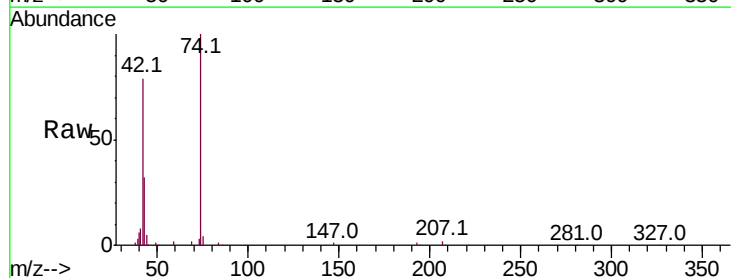
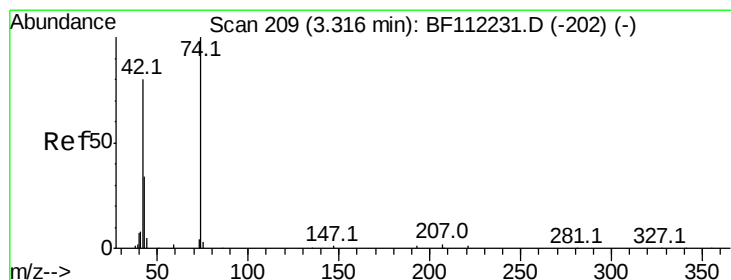
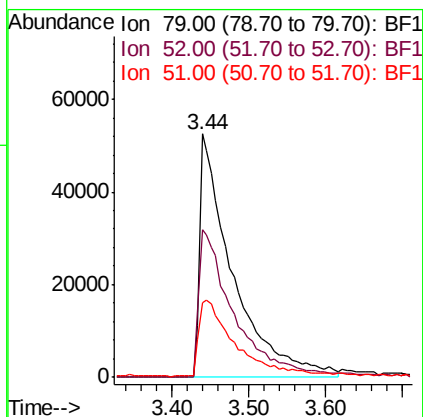
#3
Pvridine
Concen: 16.328 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.07 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.5	52.4	78.6
51	30.7	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

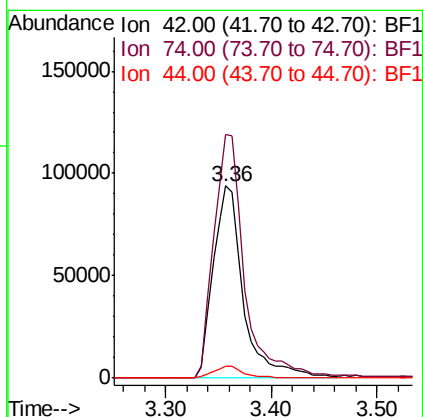
Manual Integrations
APPROVED

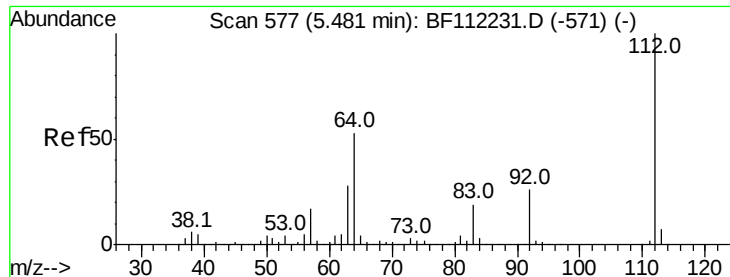
mohammad
1/29/2019 9:35:01 AM



#4
n-Nitrosodimethylamine
Concen: 47.016 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.04 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	105.6	158.4
44	6.0	5.4	8.2





#5

2-Fluorophenol

Concen: 148.206 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:112 Resp: 1387386

Ion Ratio Lower Upper

112 100

64 54.8 45.7 68.5

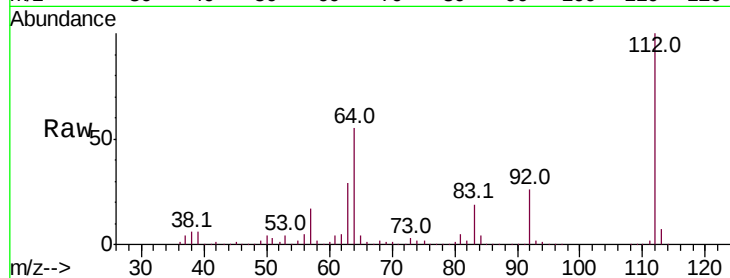
63 28.9 23.6 35.4

Manual Integrations

APPROVED

mohammad

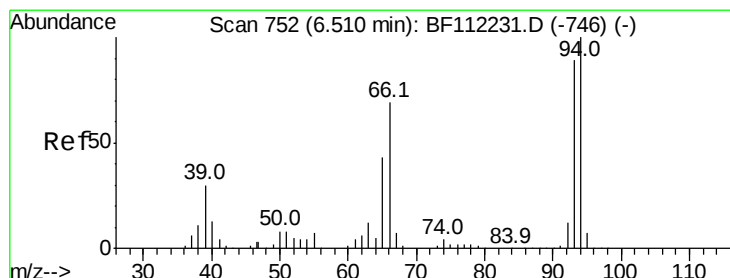
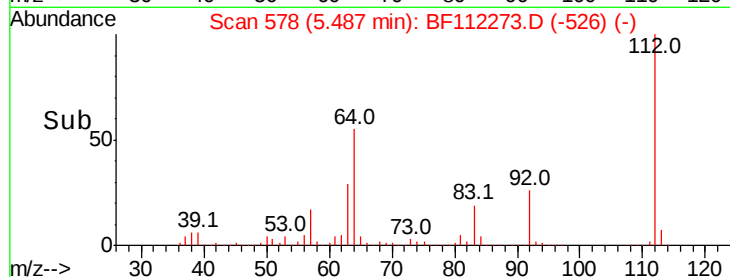
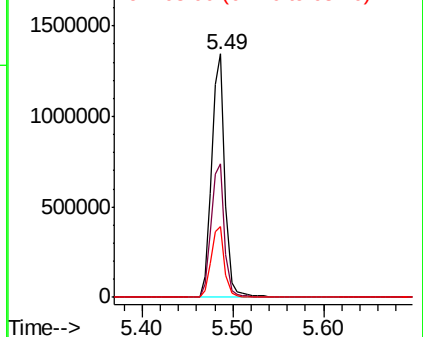
1/29/2019 9:35:01 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.604 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

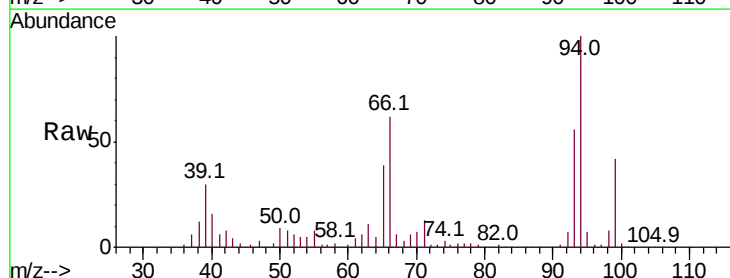
Tgt Ion: 93 Resp: 442612

Ion Ratio Lower Upper

93 100

66 109.1 43.4 65.2#

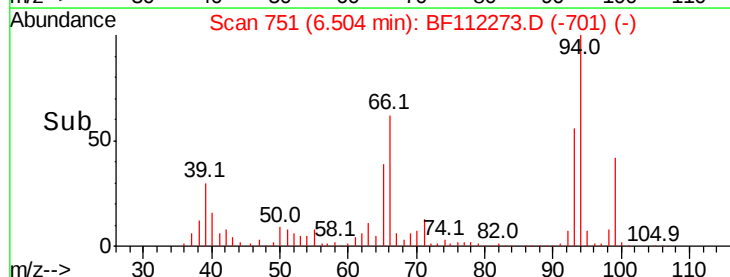
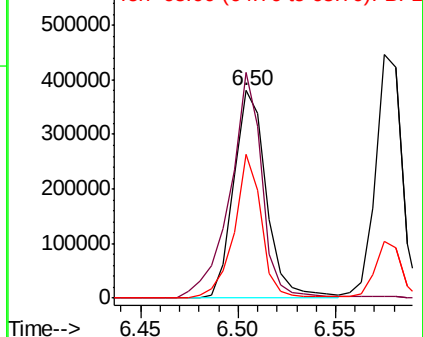
65 69.4 25.3 37.9#

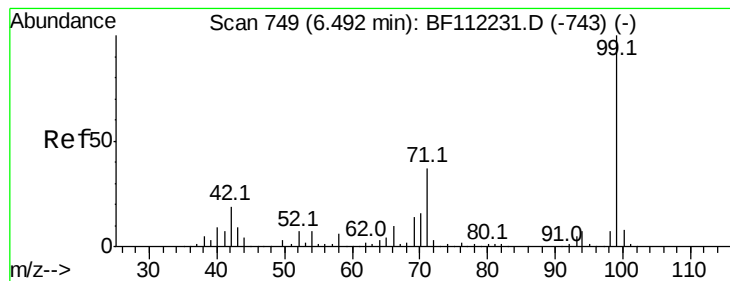


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.117 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion: 99 Resp: 1744576

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

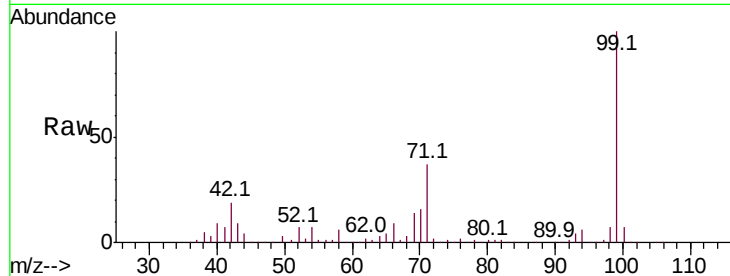
71 36.7 26.9 40.3

Manual Integrations

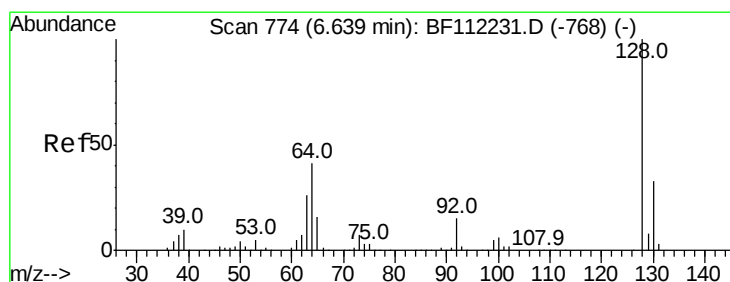
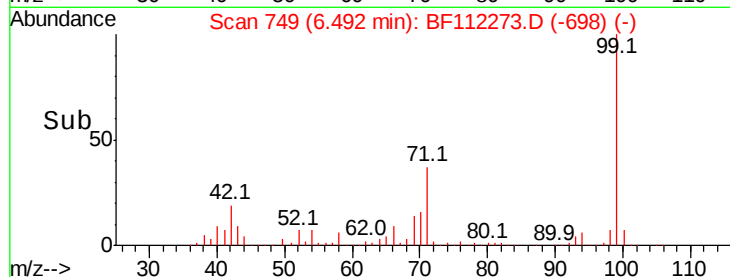
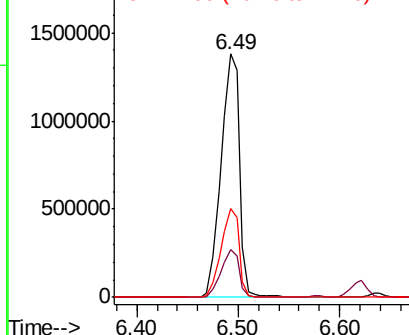
APPROVED

mohammad

1/29/2019 9:35:01 AM



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



#8

2-Chlorophenol

Concen: 36.997 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

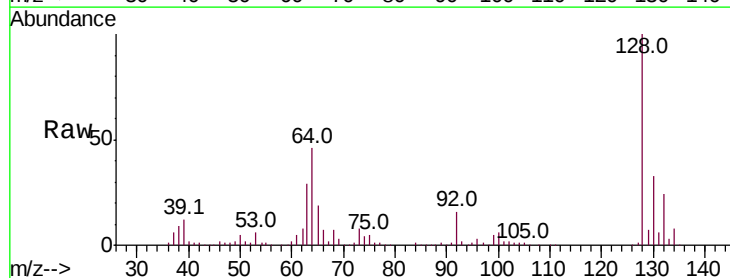
Tgt Ion:128 Resp: 465918

Ion Ratio Lower Upper

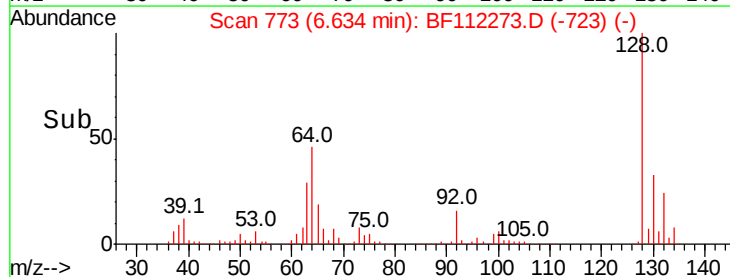
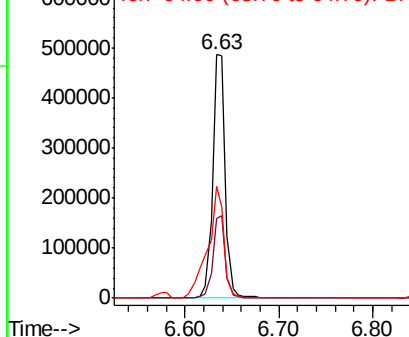
128 100

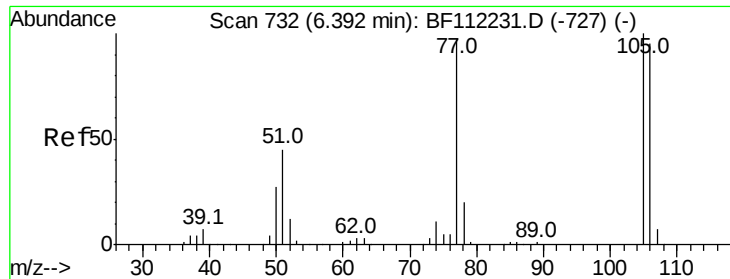
130 32.7 13.4 53.4

64 46.0 20.5 60.5



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





#9

Benzaldehyde

Concen: 12.707 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

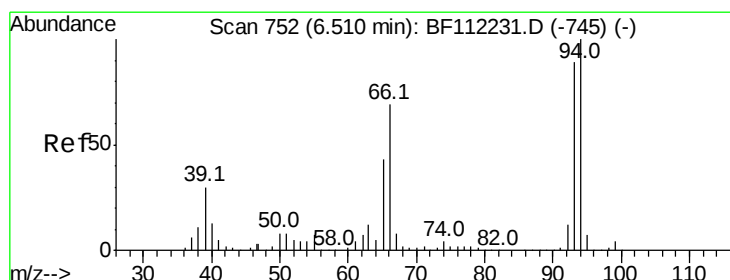
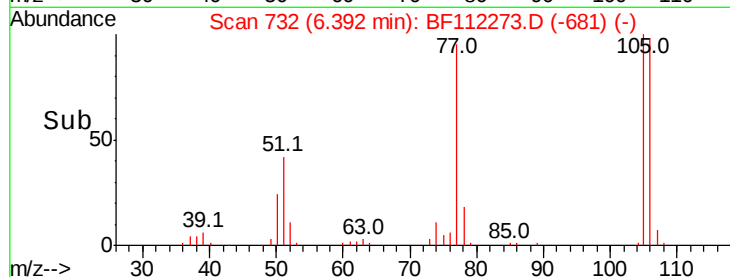
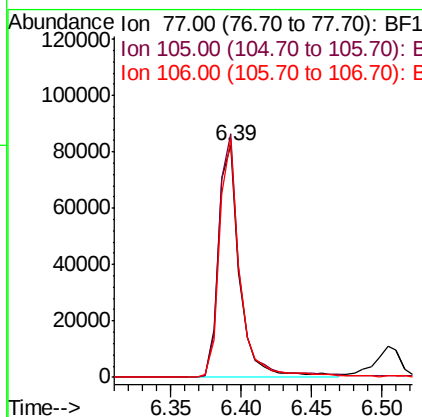
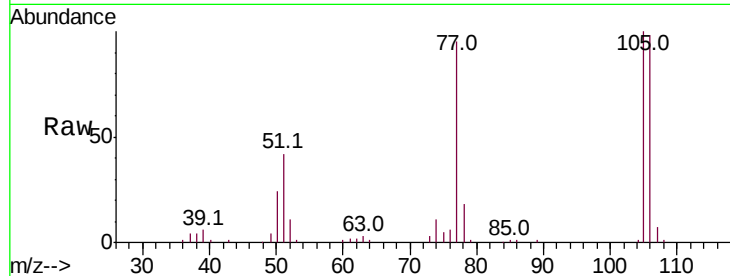
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:	77	Resp:	86392
Ion	Ratio	Lower	Upper
77	100		
105	105.0	80.8	120.8
106	103.0	75.7	115.7

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#10

Phenol

Concen: 42.463 ng

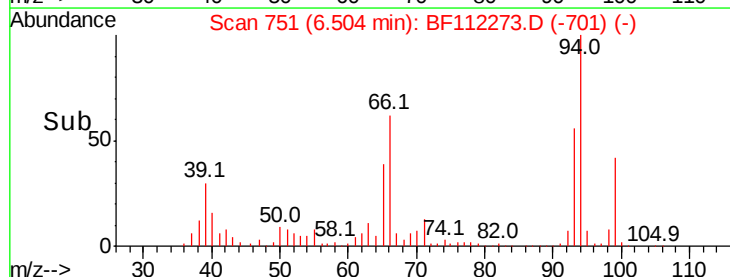
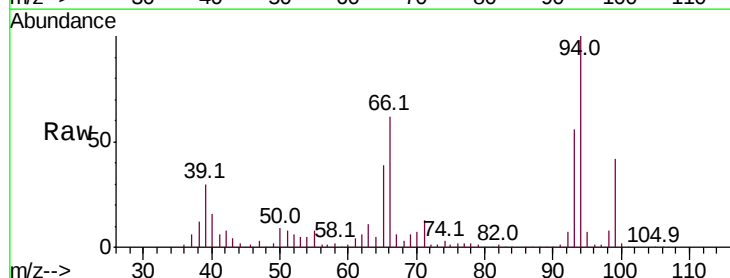
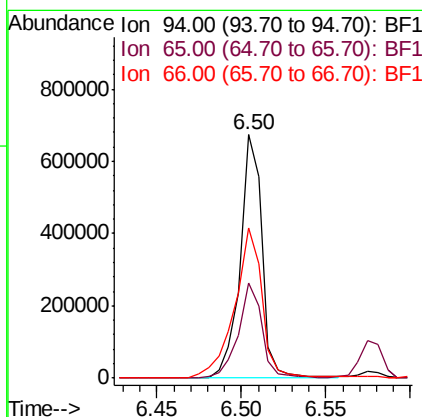
RT: 6.50 min Scan# 751

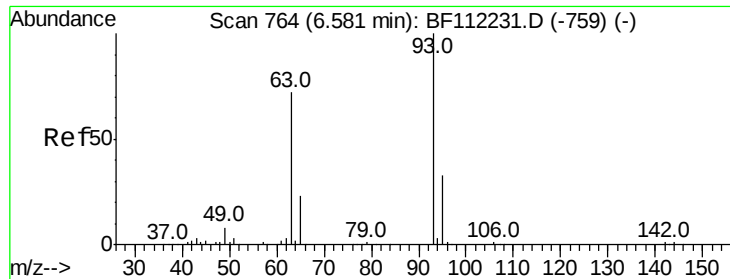
Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion:	94	Resp:	605994
Ion	Ratio	Lower	Upper
94	100		
65	39.1	20.3	60.3
66	61.5	42.4	82.4





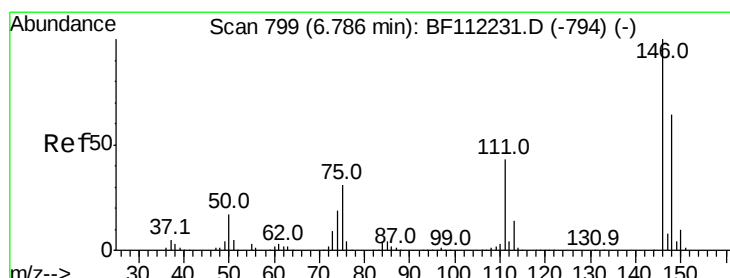
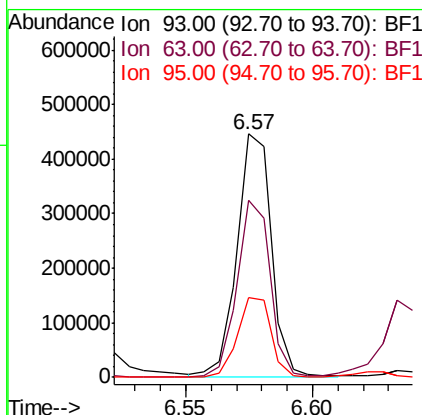
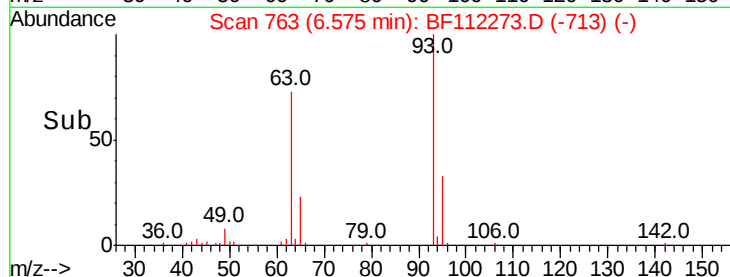
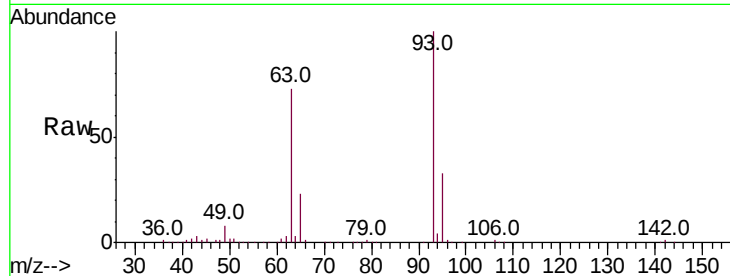
#11
bis(2-Chloroethyl)ether
Concen: 37.584 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	53.3	93.3
95	32.7	13.4	53.4

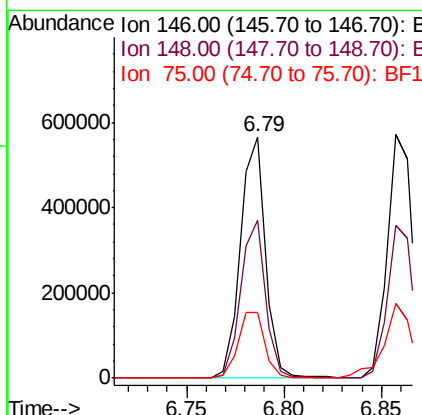
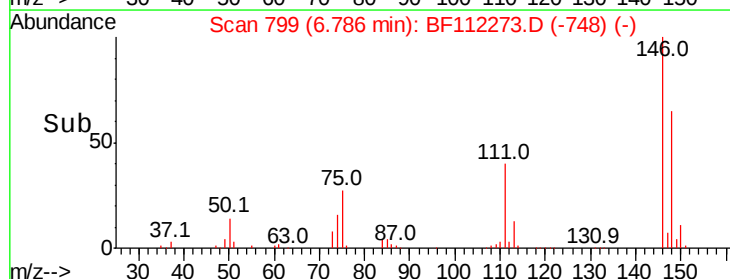
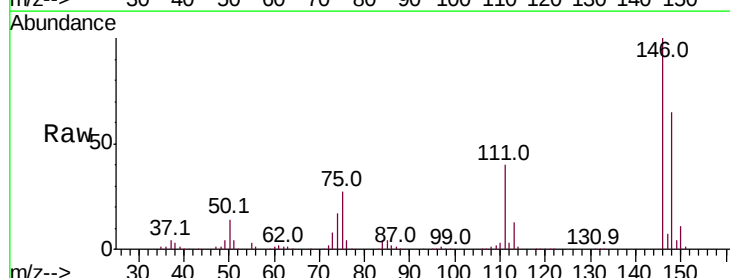
Manual Integrations
APPROVED

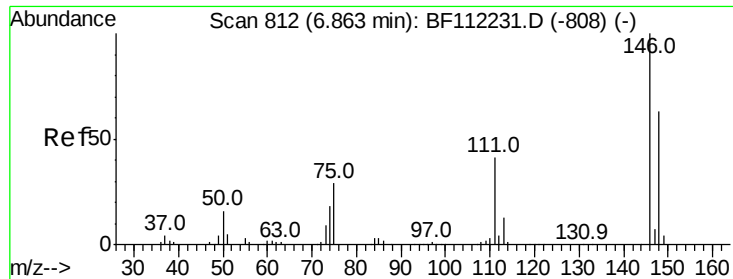
mohammad
1/29/2019 9:35:01 AM



#12
1,3-Dichlorobenzene
Concen: 34.421 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	27.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 34.917 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

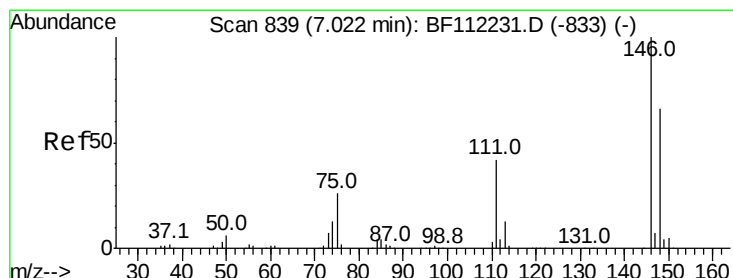
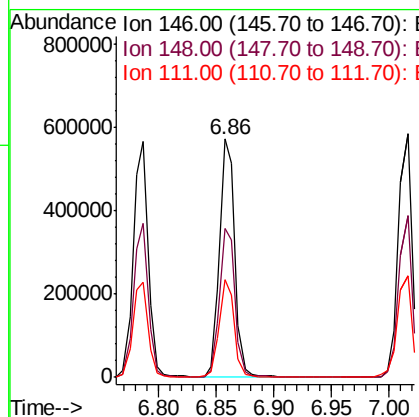
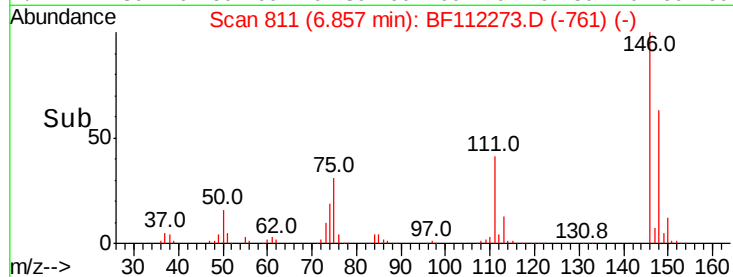
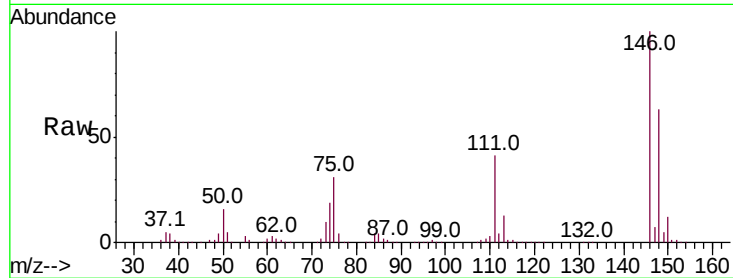
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:	146	Resp:	527030
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.0	78.0
111	41.0	31.2	46.8

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#14

1,2-Dichlorobenzene

Concen: 34.363 ng

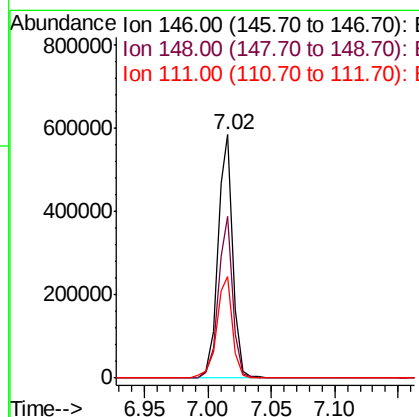
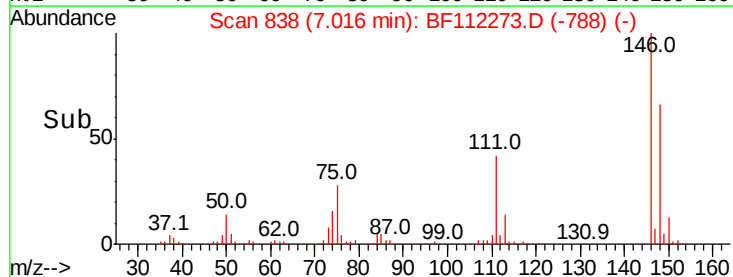
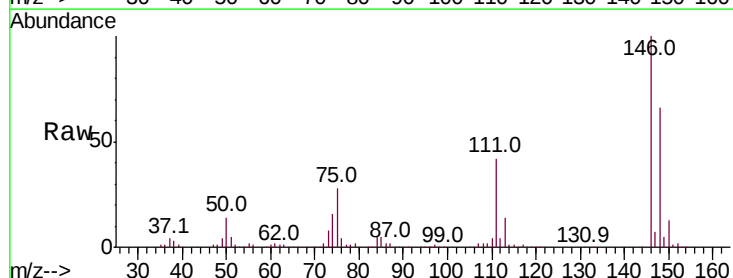
RT: 7.02 min Scan# 838

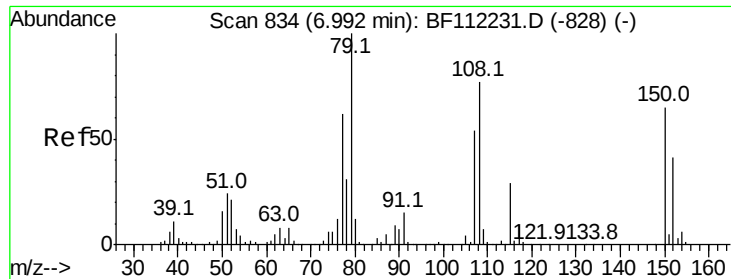
Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion:	146	Resp:	485608
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.2	78.4
111	41.6	31.2	46.8





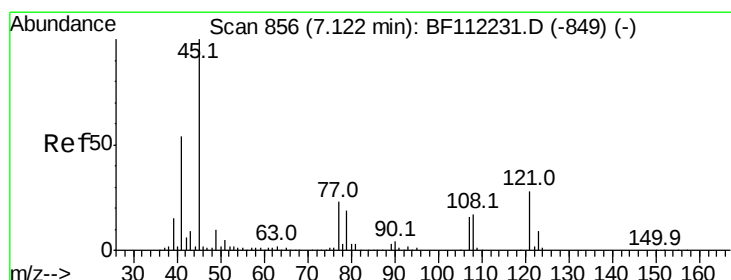
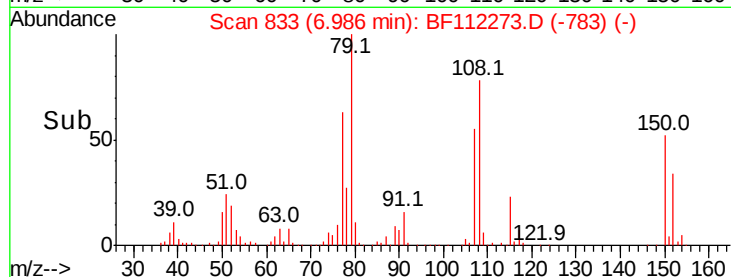
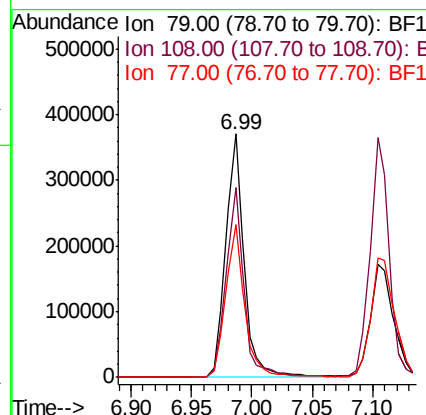
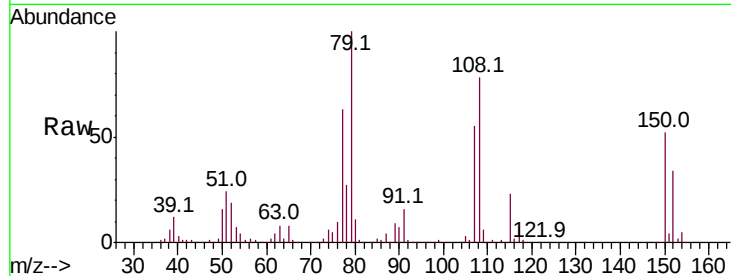
#15
Benzyl Alcohol
Concen: 35.886 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	64.2	96.2
77	62.8	50.3	75.5

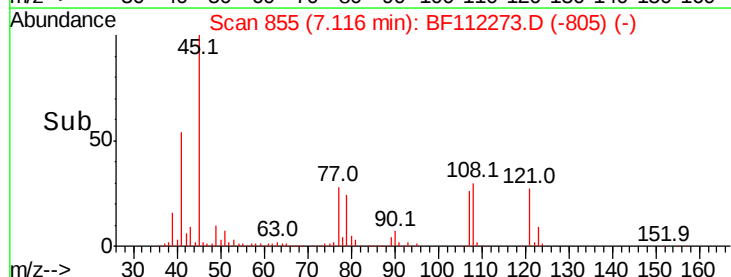
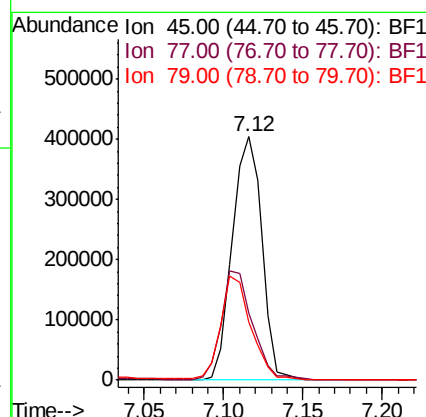
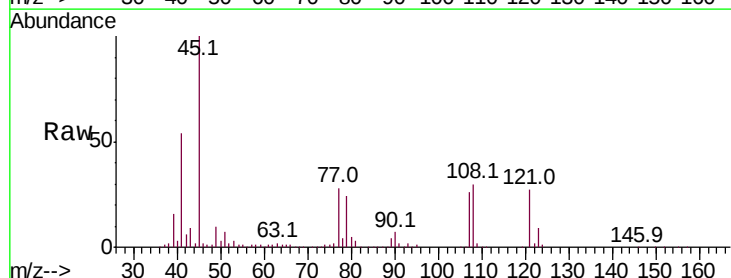
Manual Integrations
APPROVED

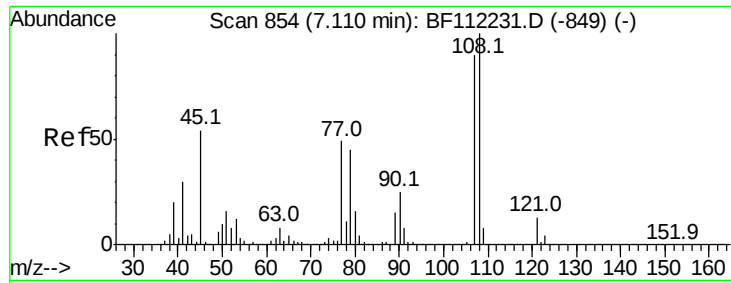
mohammad
1/29/2019 9:35:01 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.226 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.7	0.0	36.9
79	23.9	0.0	34.0





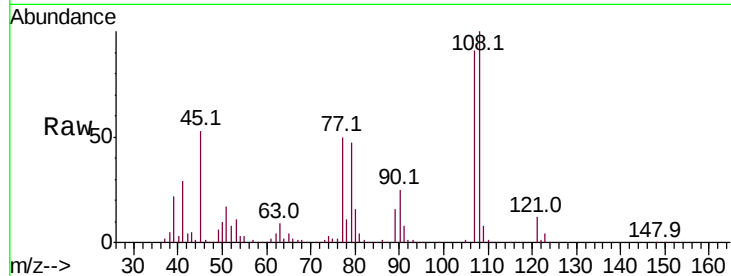
#17
2-Methylphenol
Concen: 36.855 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	91.3	136.9	
77	54.2	39.0	58.6	
79	51.6	37.0	55.4	

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



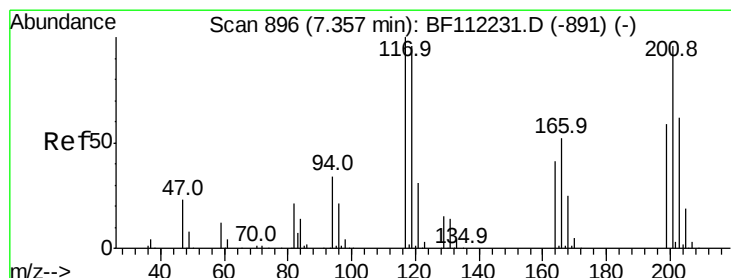
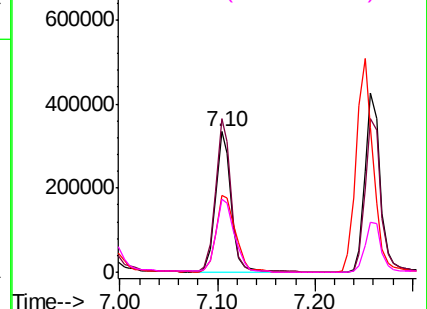
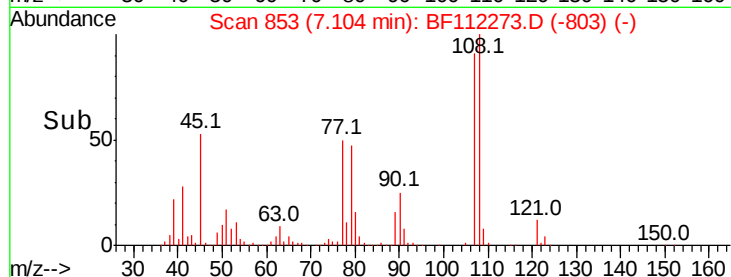
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

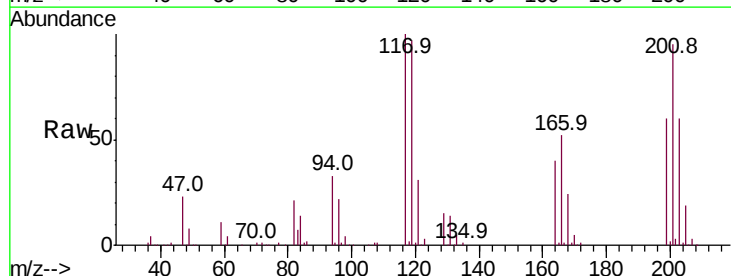
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.101 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.0	115.4	
201	94.6	74.1	111.1	

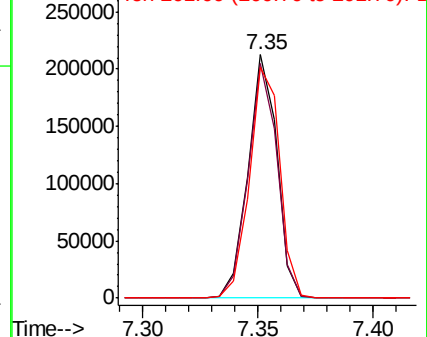
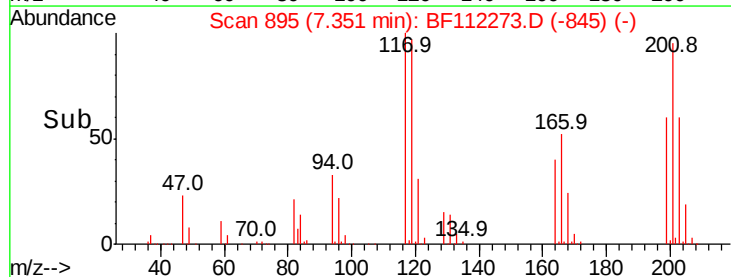


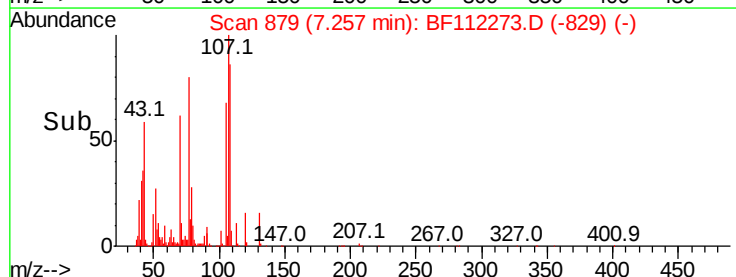
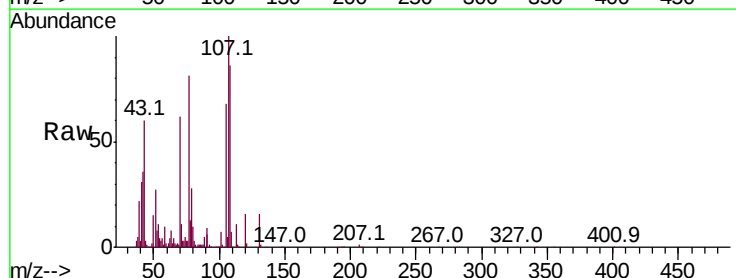
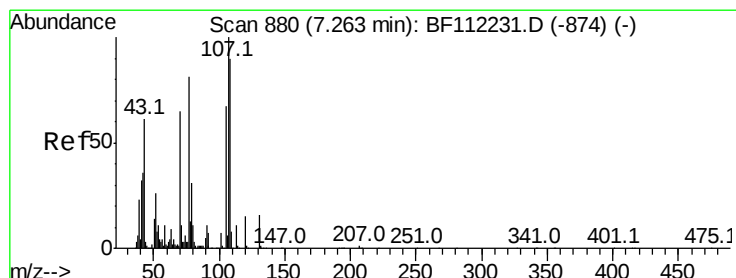
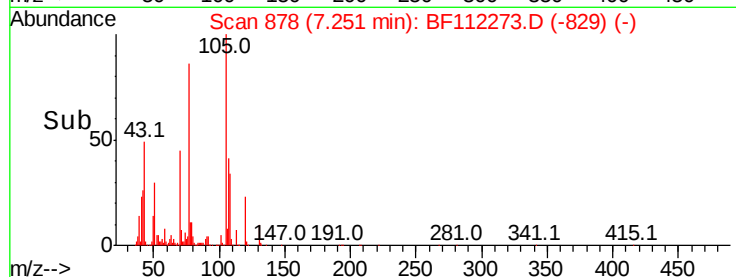
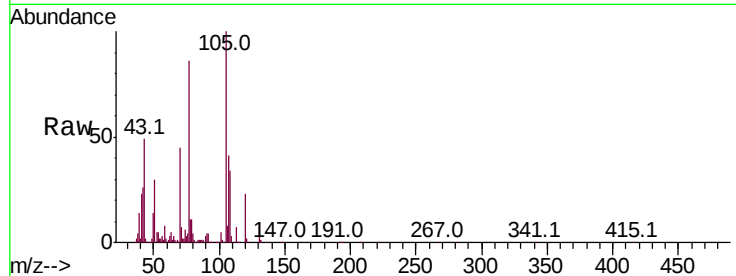
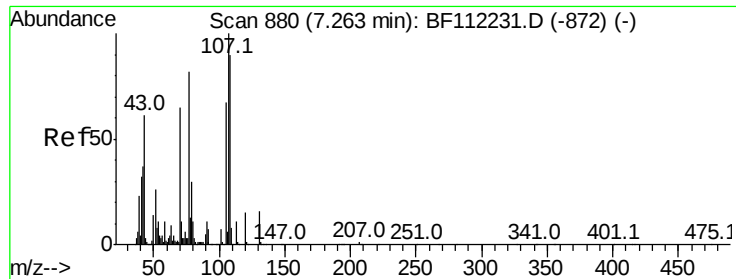
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





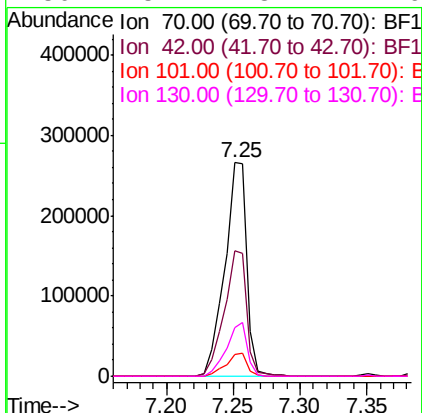
#19
n-Nitroso-di-n-propylamine
Concen: 34.830 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.6	71.4
101	10.0	7.9	11.9
130	23.1	18.4	27.6

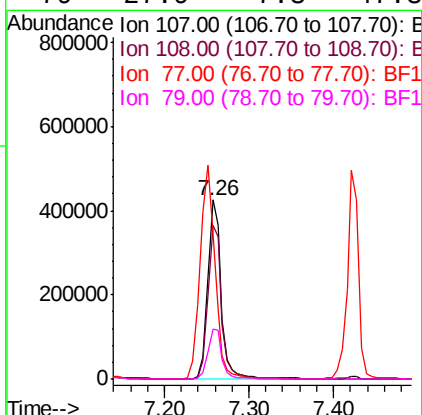
Manual Integrations
APPROVED

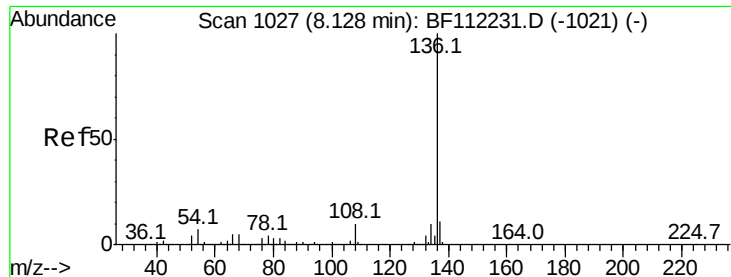
mohammad
1/29/2019 9:35:01 AM



#20
3+4-Methylphenols
Concen: 37.035 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	80.5	100.7	140.7#
79	27.9	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

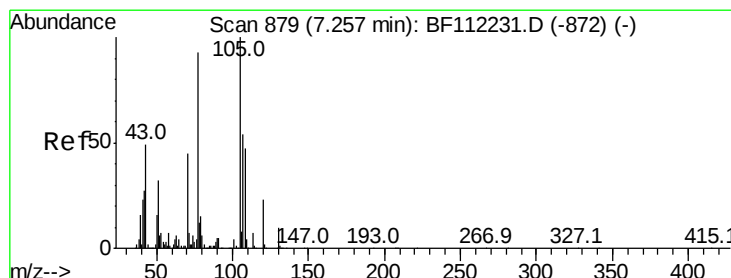
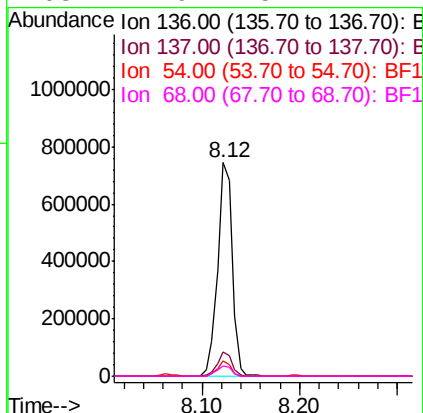
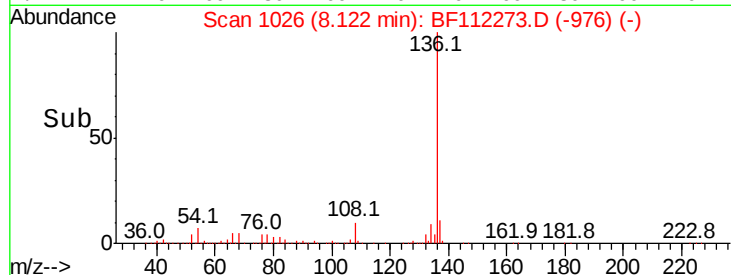
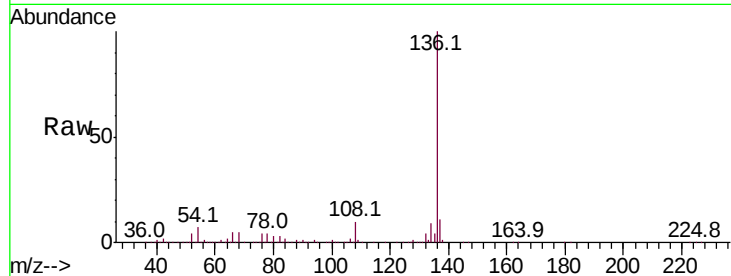
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.9	5.9	8.9	
68	4.9	5.1	7.7	

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#22

Acetophenone

Concen: 33.061 ng

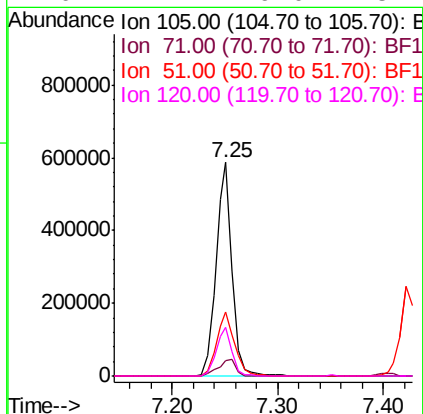
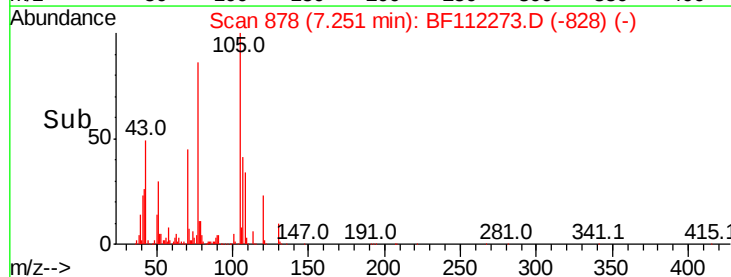
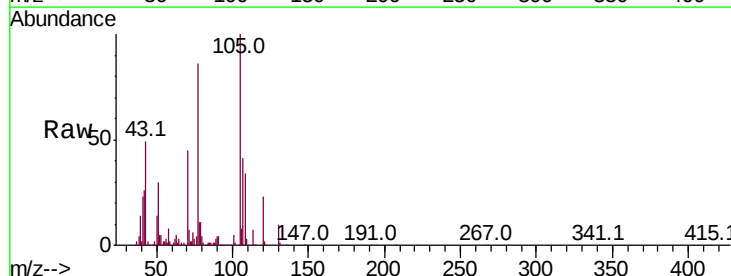
RT: 7.25 min Scan# 878

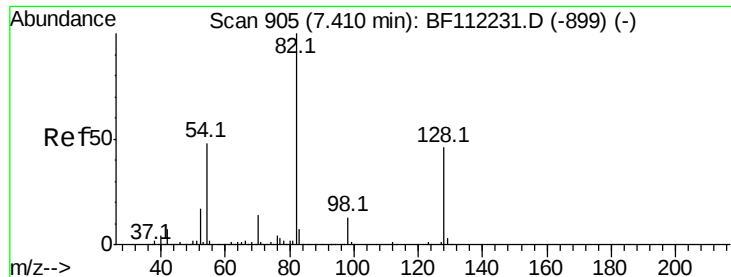
Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.6	6.8	
51	30.2	25.0	37.6	
120	22.7	19.0	28.4	





#23

Nitrobenzene-d5

Concen: 83.780 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion: 82 Resp: 1129614

Ion Ratio Lower Upper

82 100

128 49.1 37.8 56.8

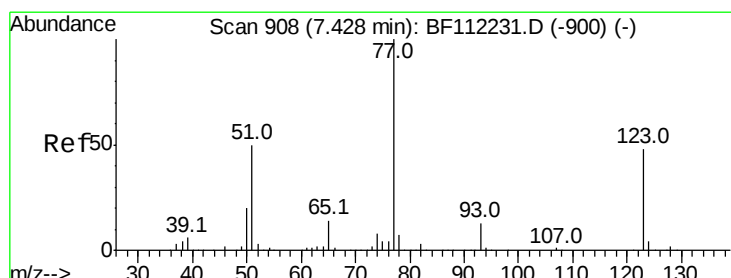
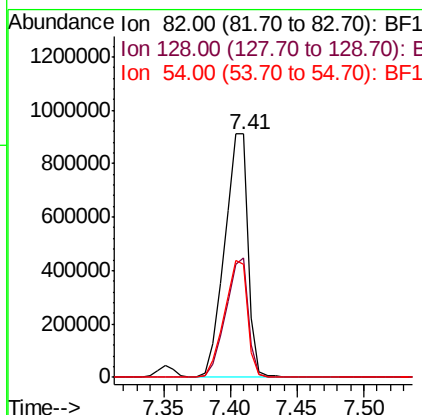
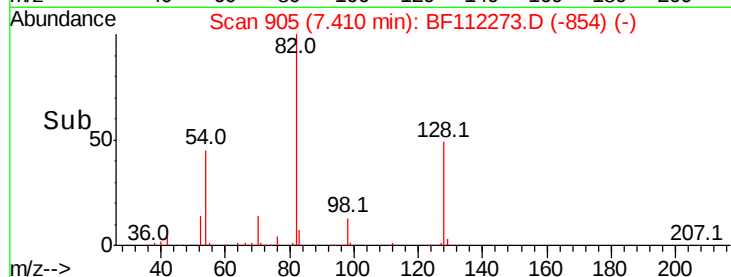
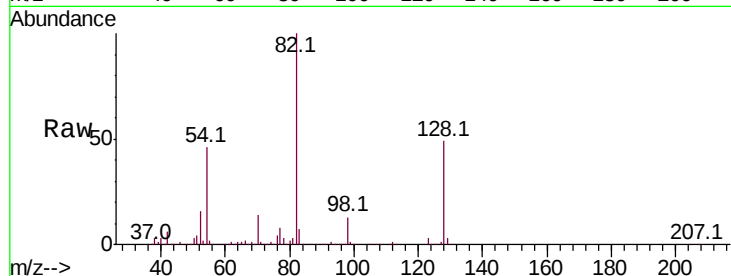
54 46.4 39.7 59.5

Manual Integrations

APPROVED

mohammad

1/29/2019 9:35:01 AM



#24

Nitrobenzene

Concen: 34.983 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

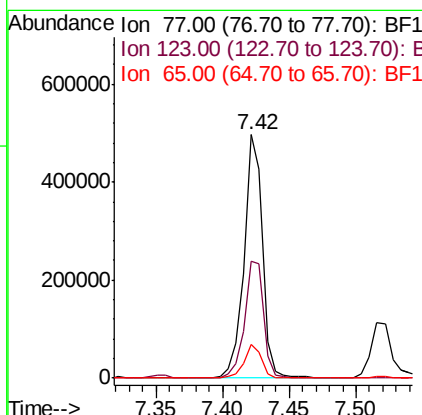
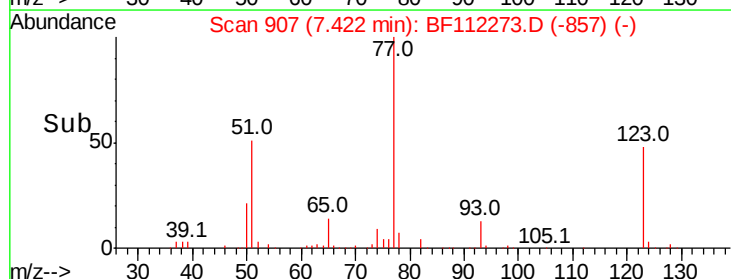
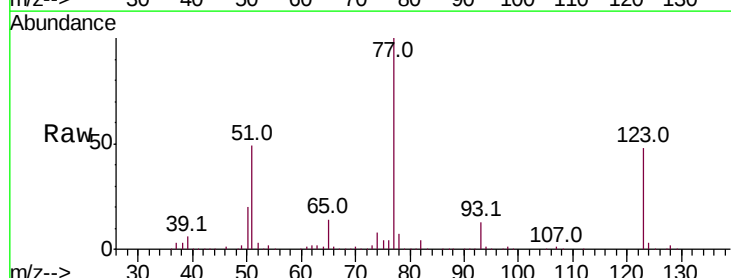
Tgt Ion: 77 Resp: 471080

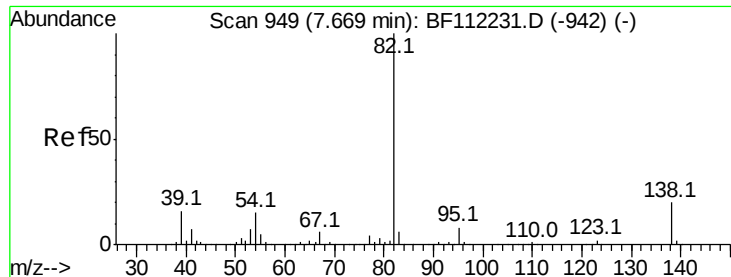
Ion Ratio Lower Upper

77 100

123 48.0 38.4 57.6

65 13.7 10.6 15.8





#25

Isophorone

Concen: 39.716 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

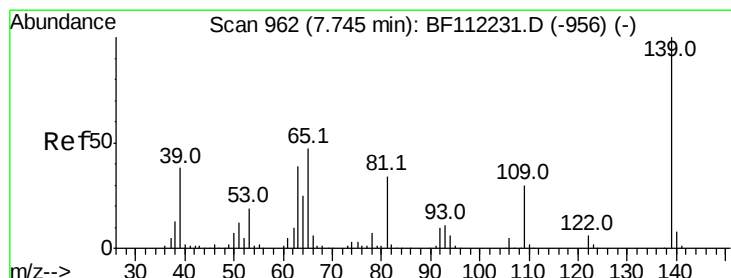
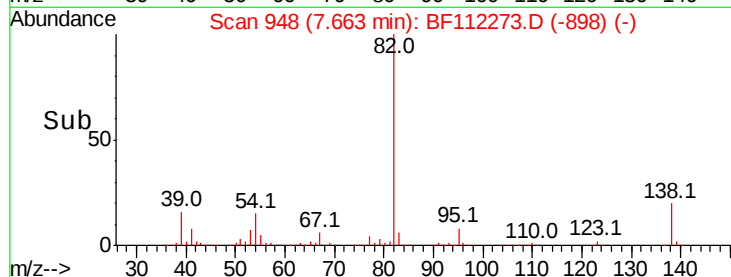
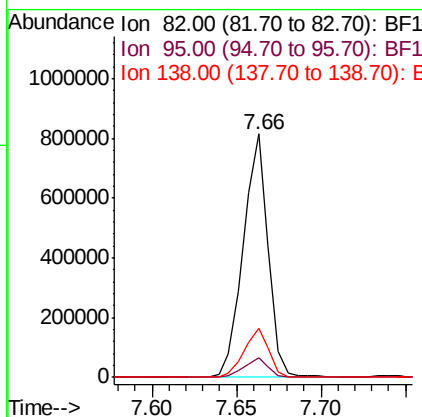
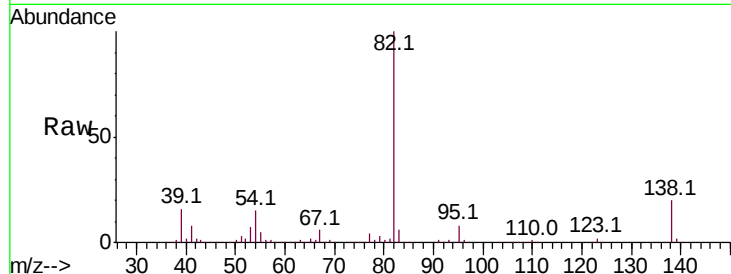
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:	82	Resp:	840079
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.7	8.5
138	20.3	15.4	23.0

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#26

2-Nitrophenol

Concen: 36.197 ng

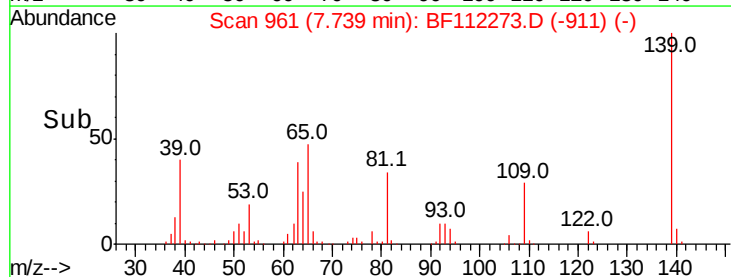
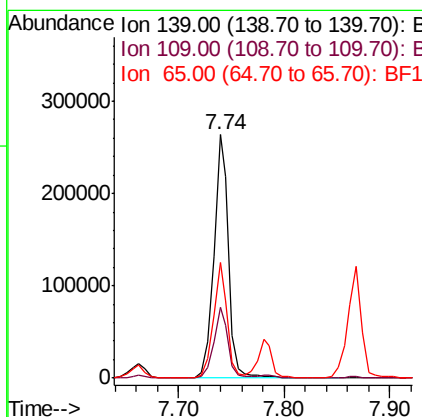
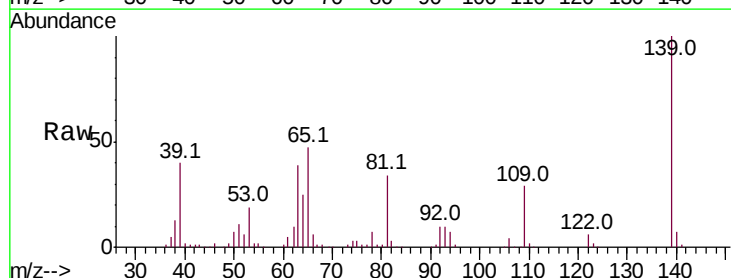
RT: 7.74 min Scan# 961

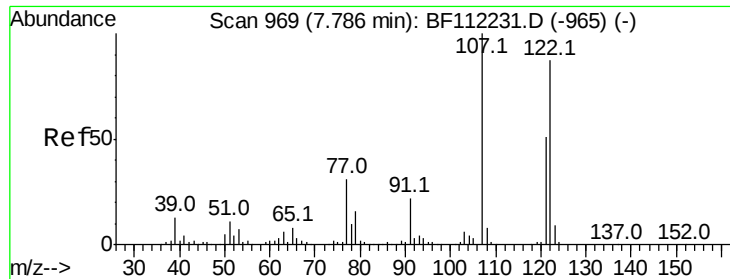
Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion:	139	Resp:	260486
Ion Ratio	Lower	Upper	
139	100		
109	29.2	20.8	31.2
65	47.3	34.4	51.6





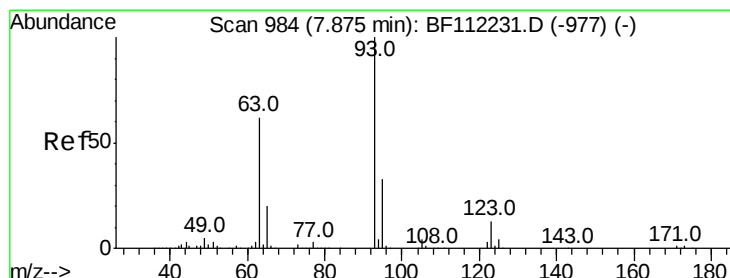
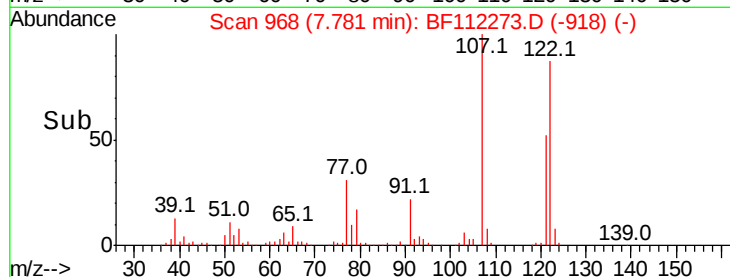
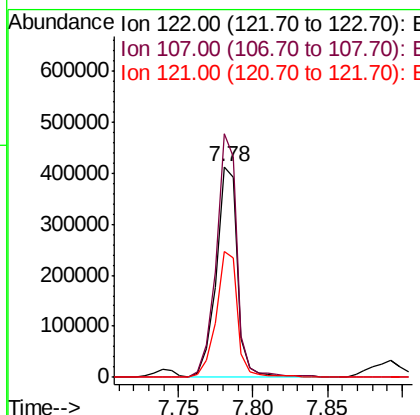
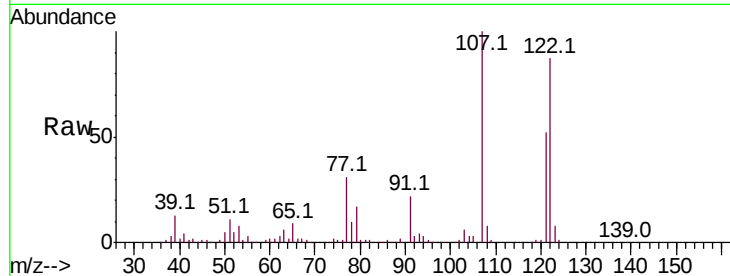
#27
2,4-Dimethylphenol
Concen: 41.508 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	85.4	128.0
121	60.0	47.0	70.4

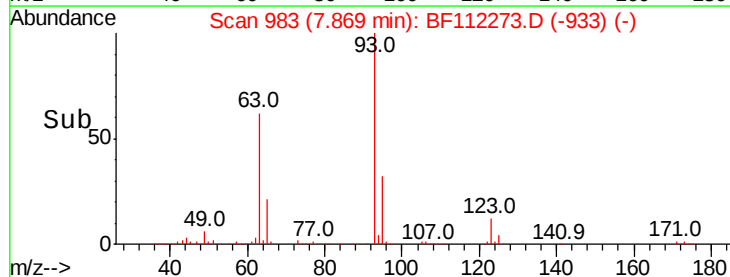
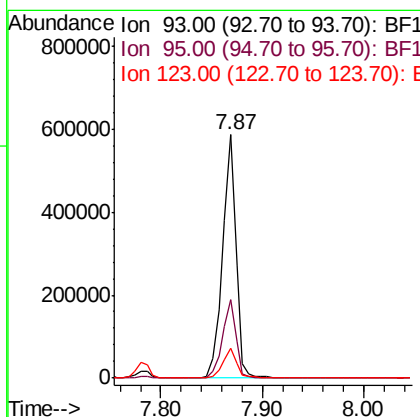
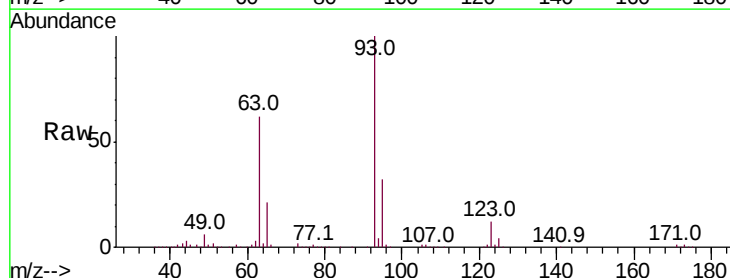
Manual Integrations
APPROVED

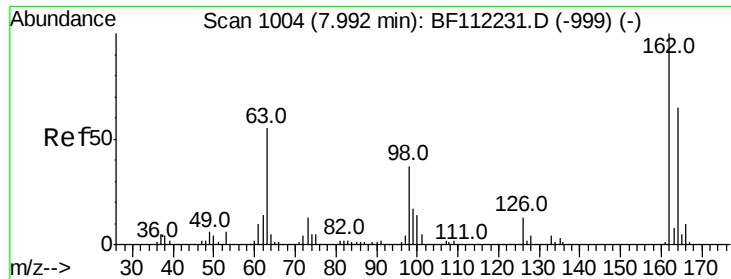
mohammad
1/29/2019 9:35:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.479 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.8	40.2
123	12.1	10.2	15.2





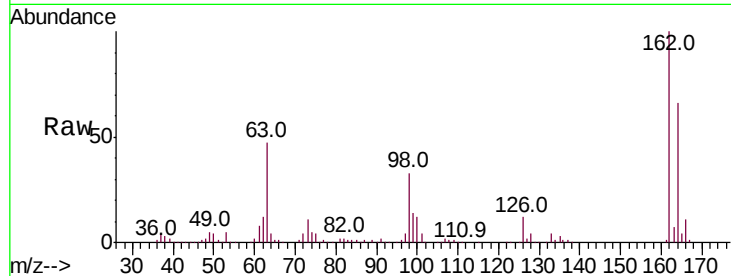
#29
 2,4-Dichlorophenol
 Concen: 36.898 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

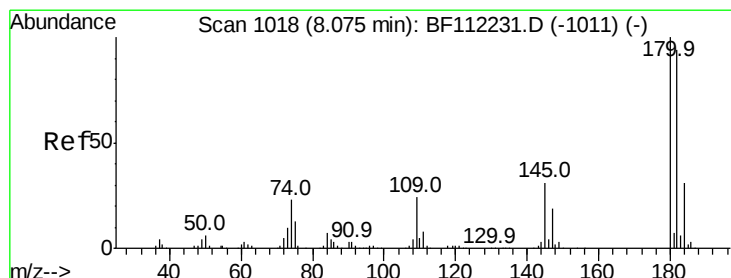
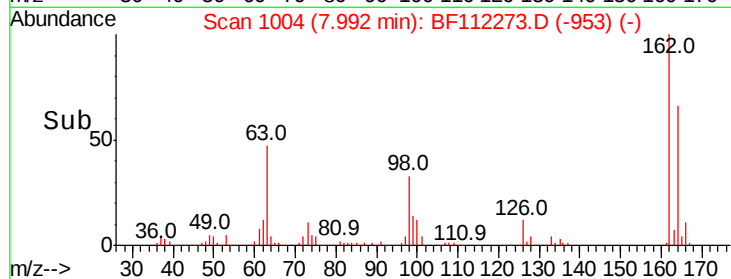
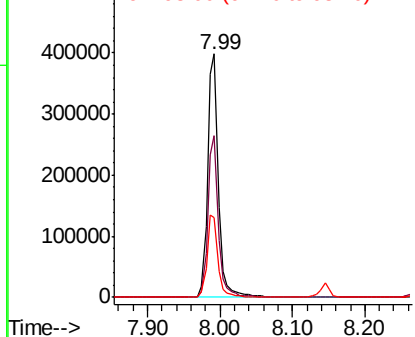
Tot Ion:	162	Resp:	409398
Ion Ratio	Lower	Upper	
162	100		
164	66.2	44.6	84.6
98	32.9	14.6	54.6

Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:35:01 AM

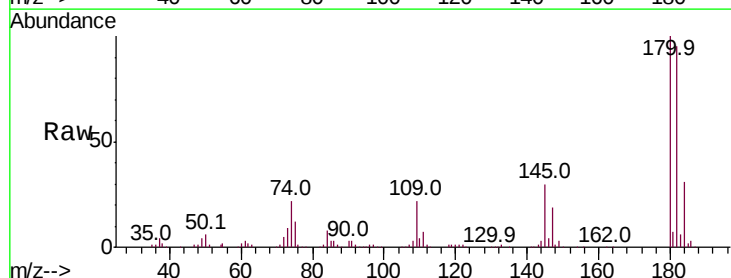


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

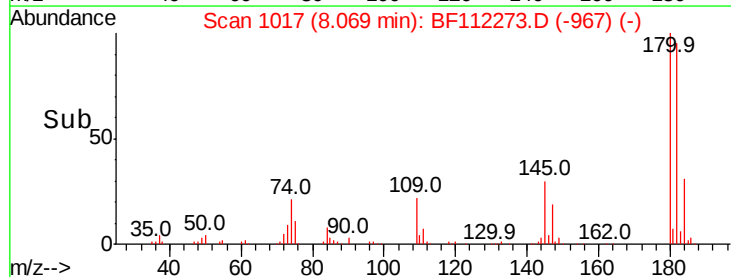
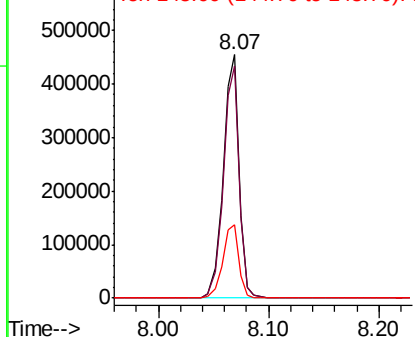


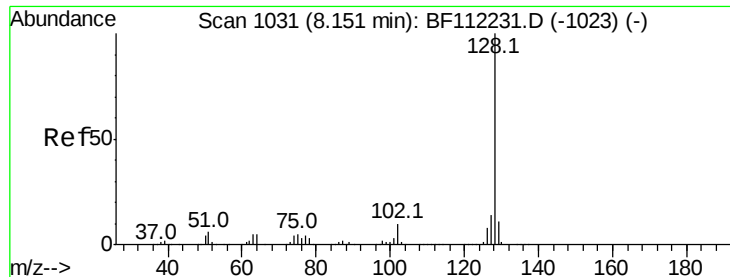
#30
 1,2,4-Trichlorobenzene
 Concen: 35.570 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Tgt Ion:	180	Resp:	453647
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.4	114.6
145	29.9	25.0	37.4



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: 37.431 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

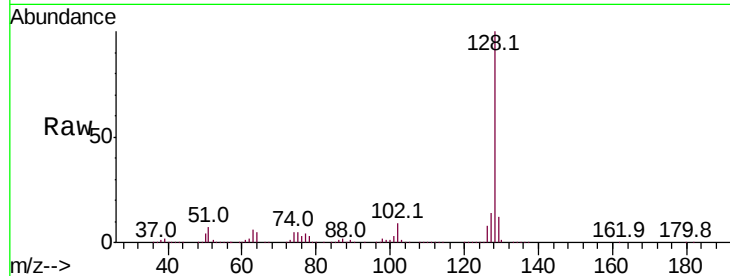
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

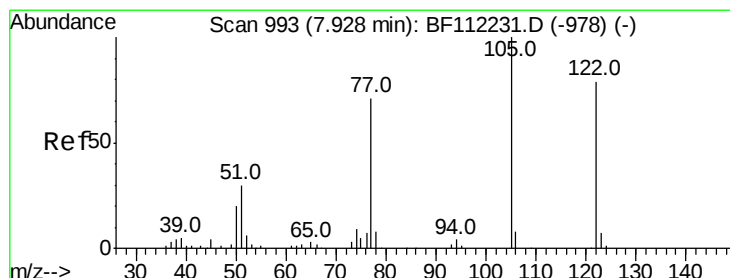
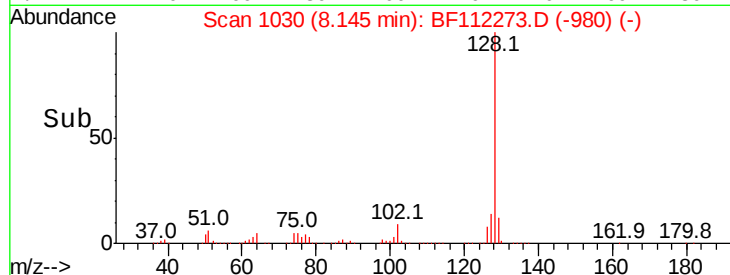
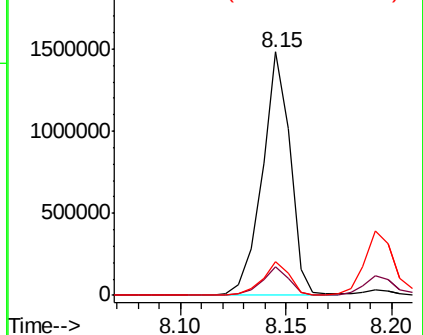
Tot Ion:	128	Resp:	1359912
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.8	11.1	16.7

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.827 ng

RT: 7.89 min Scan# 987

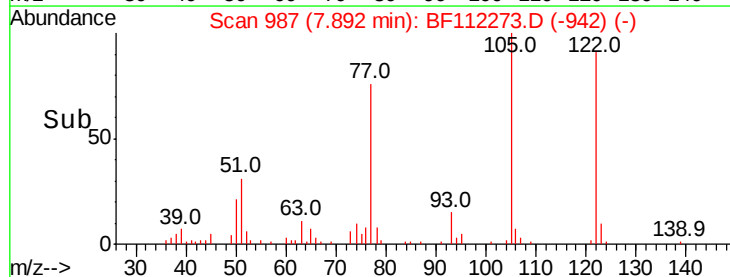
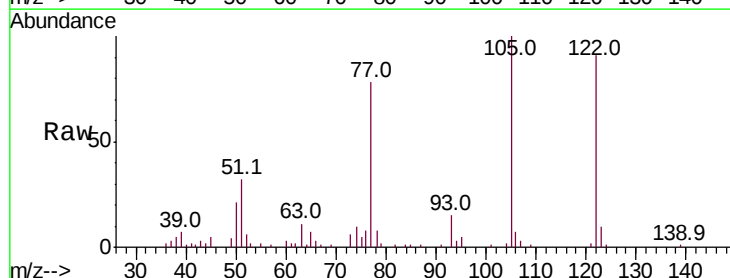
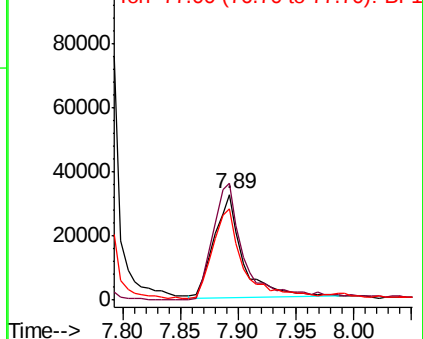
Delta R.T. -0.04 min

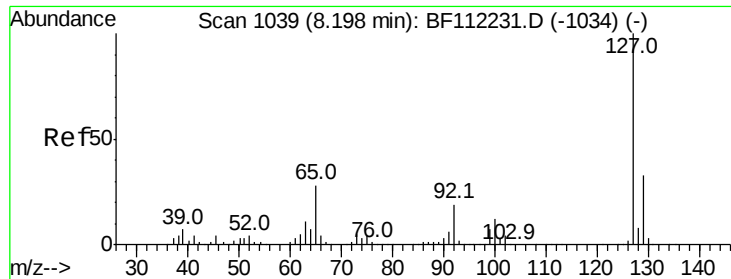
Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion:	122	Resp:	55578
Ion	Ratio	Lower	Upper
122	100		
105	110.4	101.2	141.2
77	86.2	70.4	110.4

Abundance Ion 122.00 (121.70 to 122.70): E
100000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





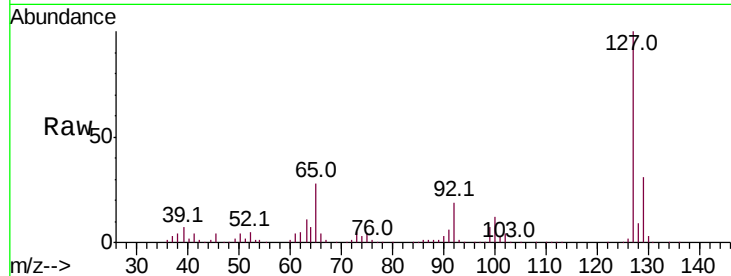
#33
4-Chloroaniline
Concen: 25.922 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.6	39.8		
65	28.3	21.4	32.2		
92	18.7	14.2	21.2		

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



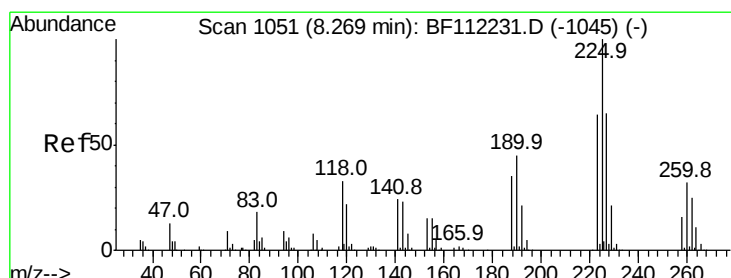
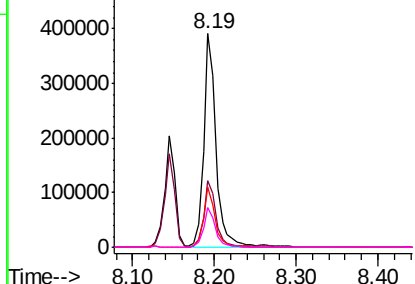
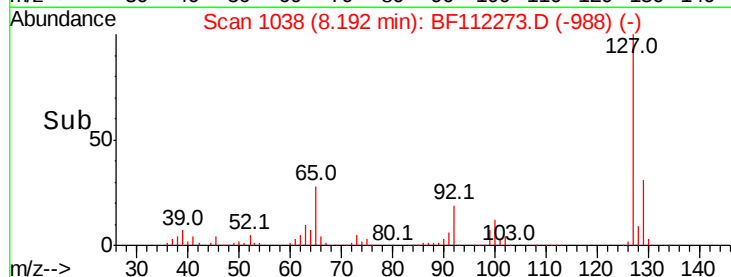
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

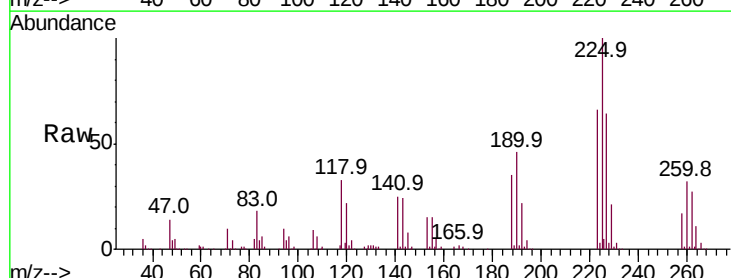
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 33.025 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.0	50.3	75.5		
227	64.1	51.8	77.8		

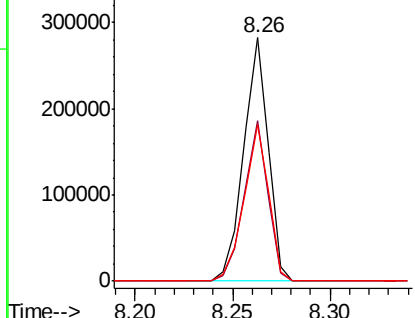
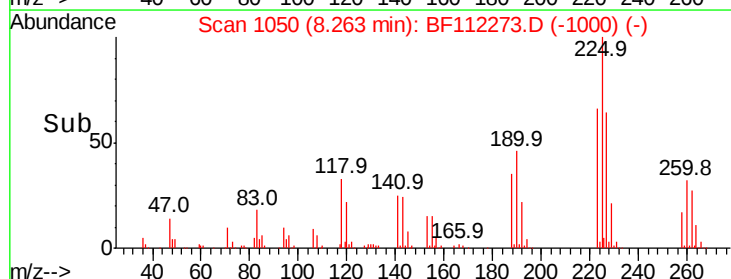


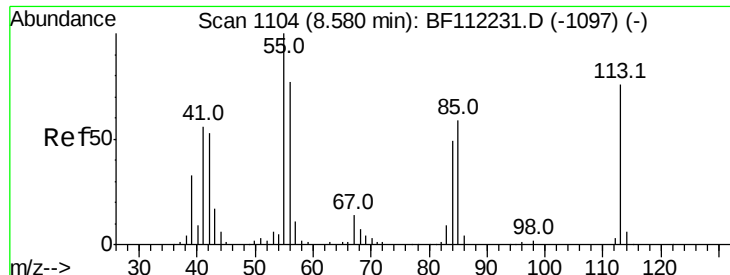
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





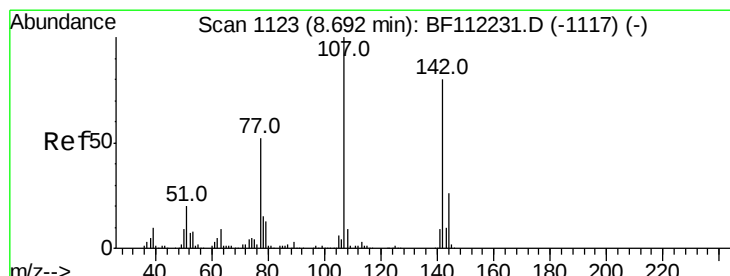
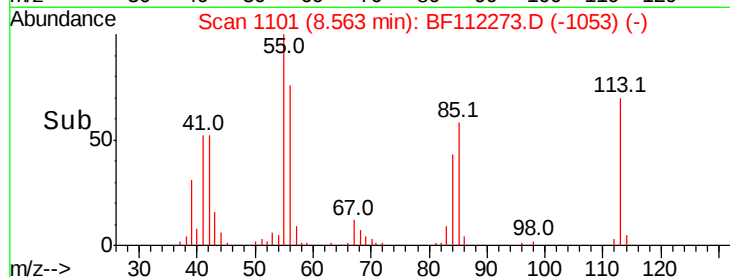
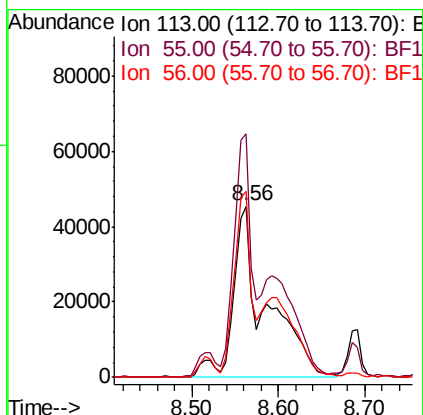
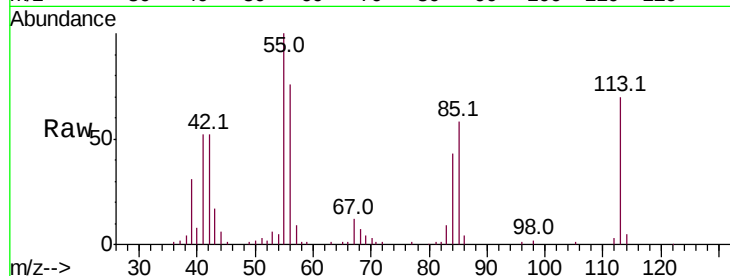
#35
 Caprolactam
 Concen: 30.452 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.2	121.6	161.6
56	108.4	86.7	126.7

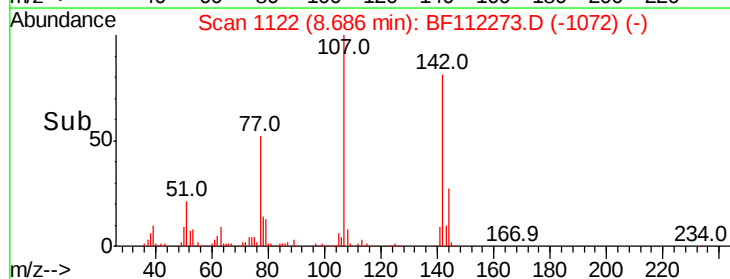
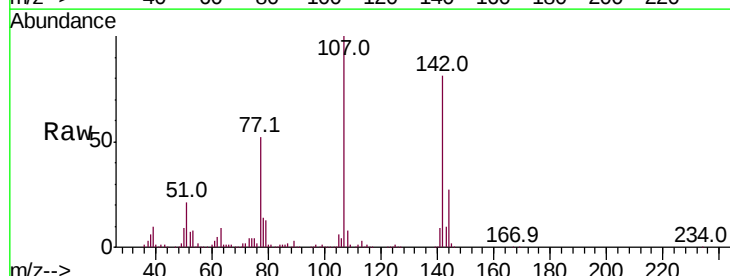
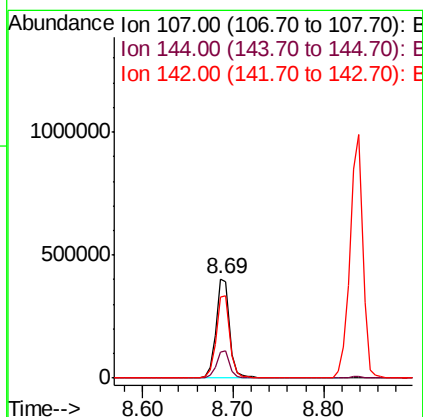
Manual Integrations
 APPROVED

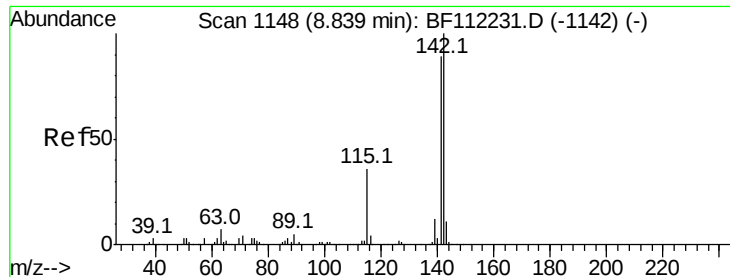
mohammad
 1/29/2019 9:35:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 35.555 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.2	33.2
142	81.5	67.7	101.5





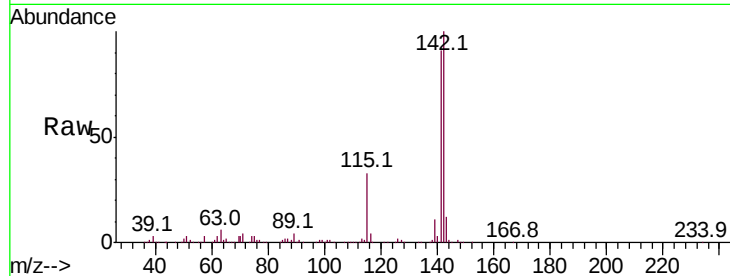
#37
2-Methylnaphthalene
Concen: 38.835 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp	Lower	Upper
142	100	965886		
141	91.0		70.9	106.3
115	33.3		24.9	37.3

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

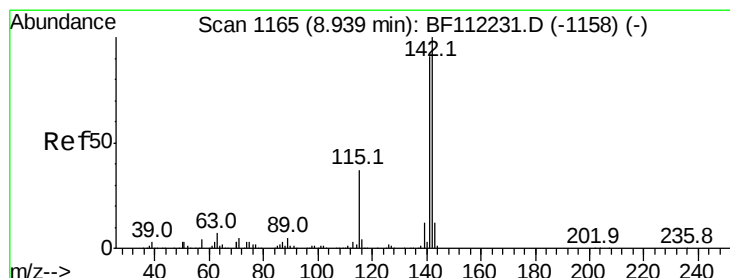
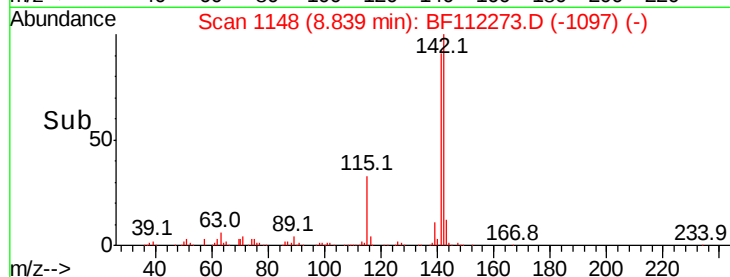
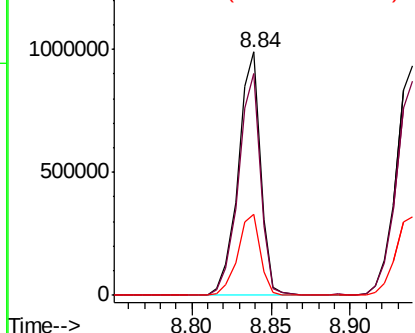


Abundance

Ion 142.00 (141.70 to 142.70): E

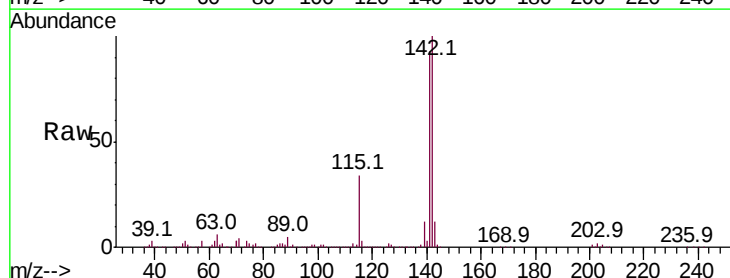
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.221 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	911142		
141	93.5		72.6	108.8
116	3.4		2.8	4.2

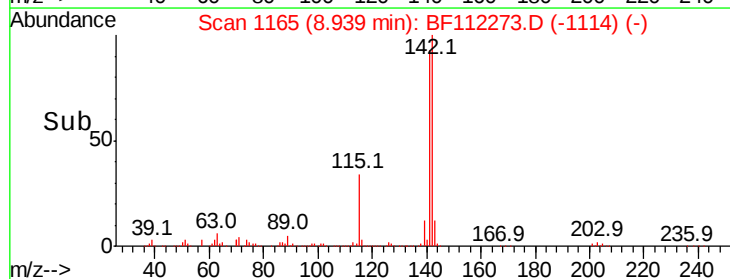
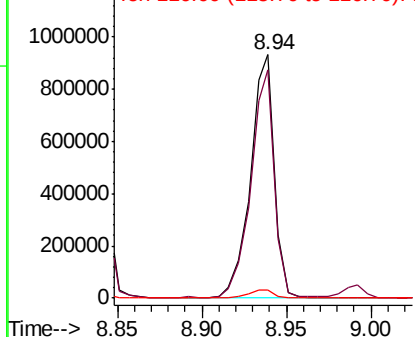


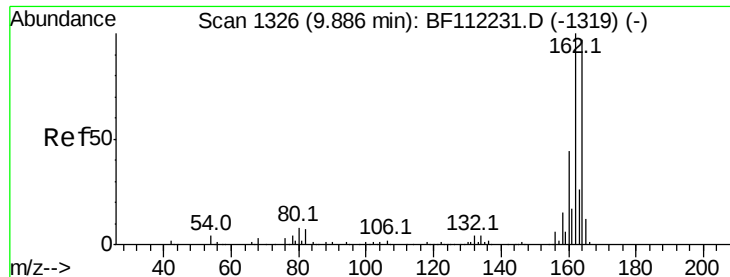
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





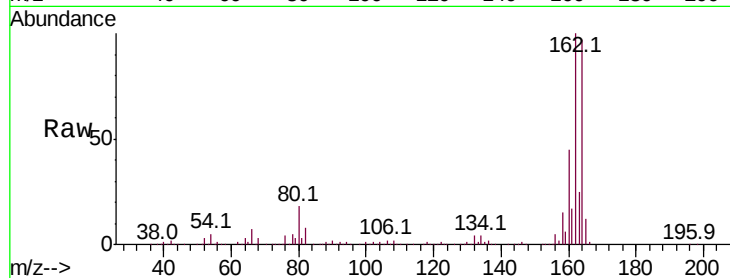
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	46.4	36.2	54.4

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

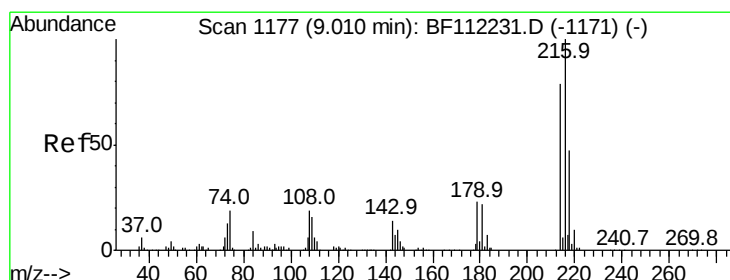
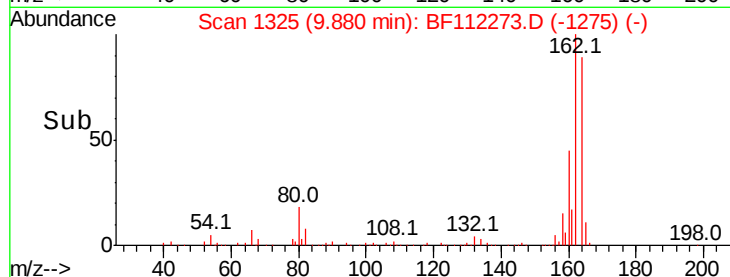
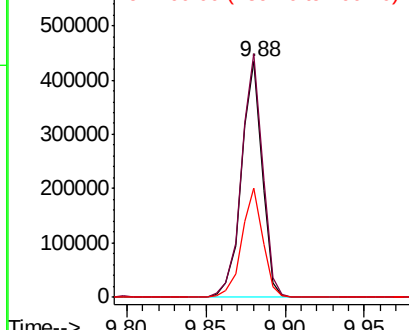


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.717 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	21.9	16.9	25.3
108	19.7	14.2	21.4

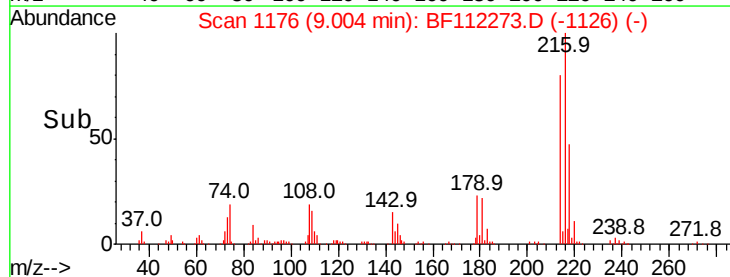
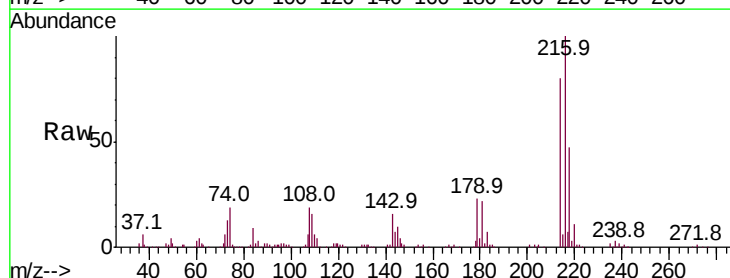
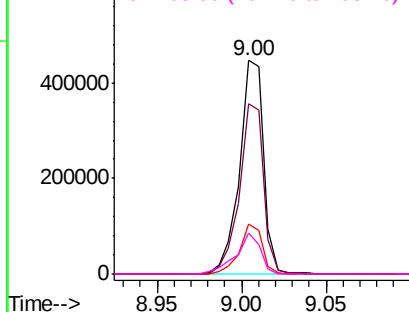
Abundance

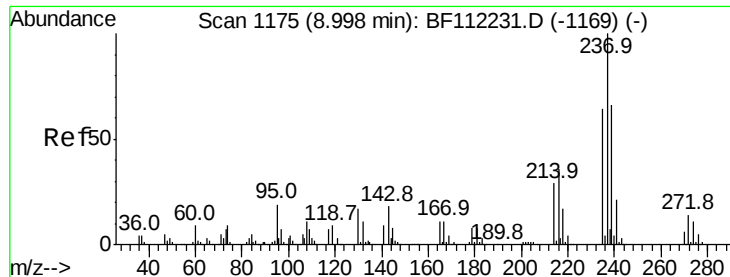
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.918 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

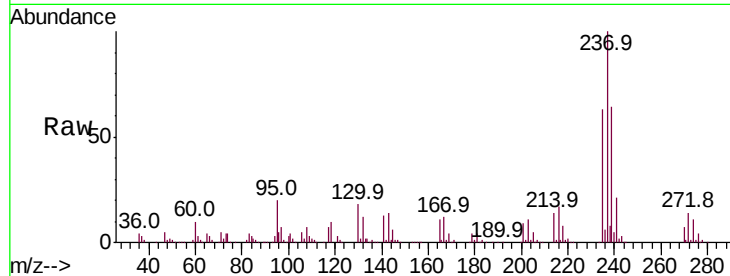
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

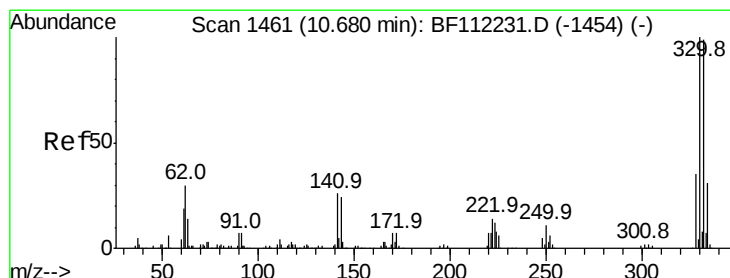
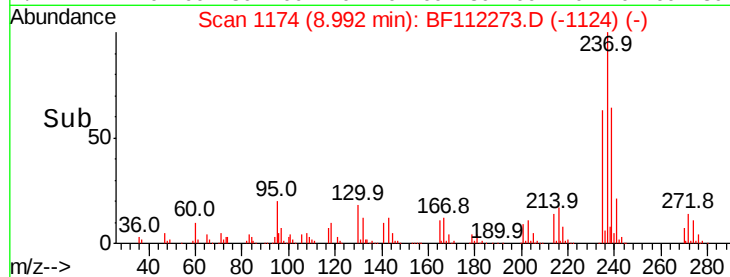
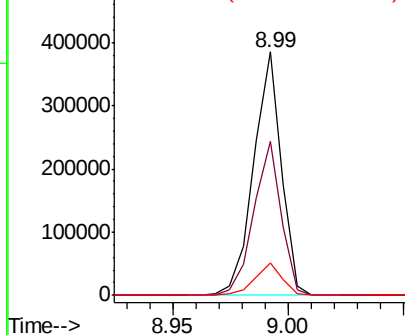
Tot Ion:	237	Resp:	322710
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.0	84.0
272	13.5	0.0	33.3

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



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



#42

2,4,6-Tribromophenol

Concen: 125.791 ng

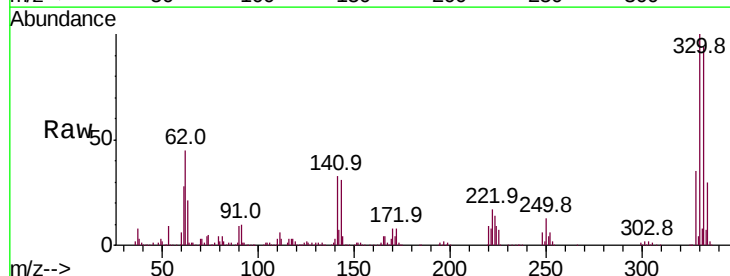
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

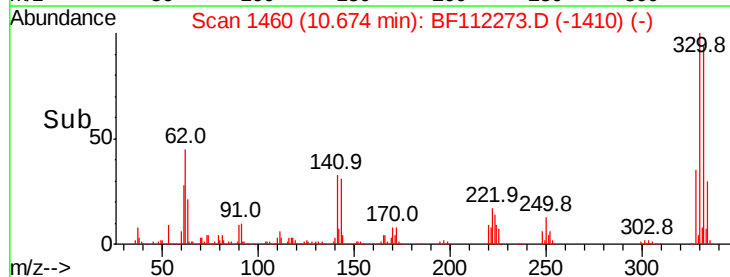
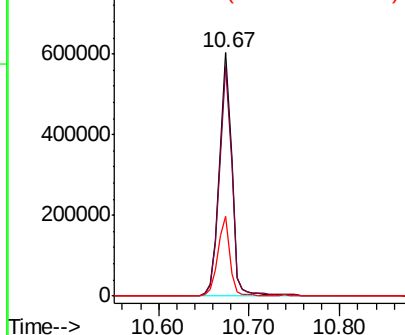
Lab File: BF112273.D

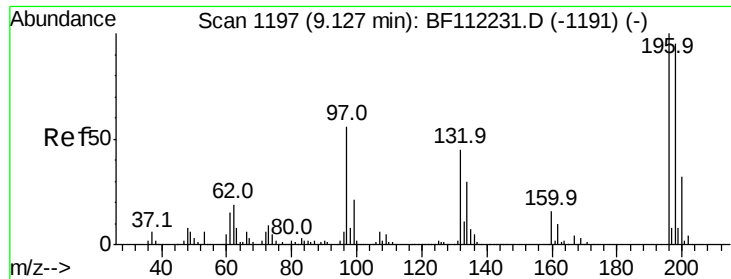
Acq: 28 Jan 2019 14:36

Tgt Ion:	330	Resp:	572821
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	114.8
141	31.9	24.3	36.5



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





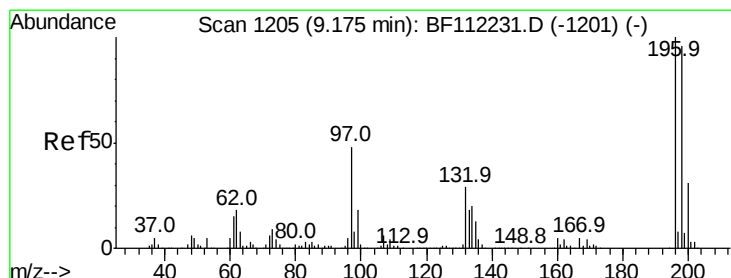
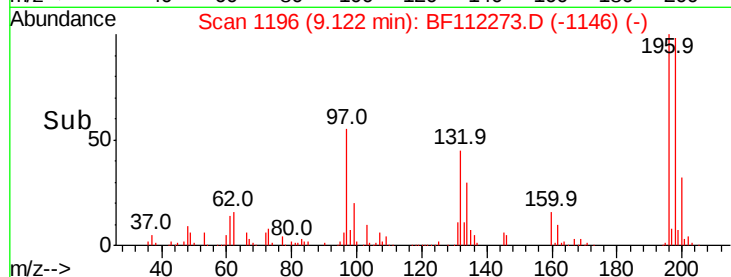
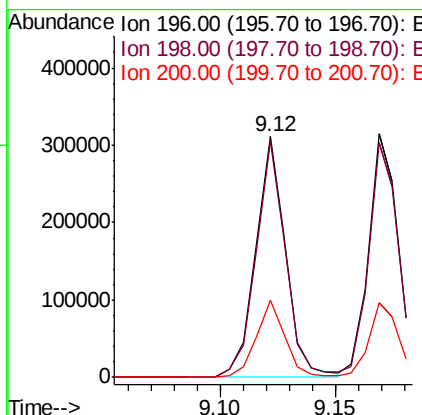
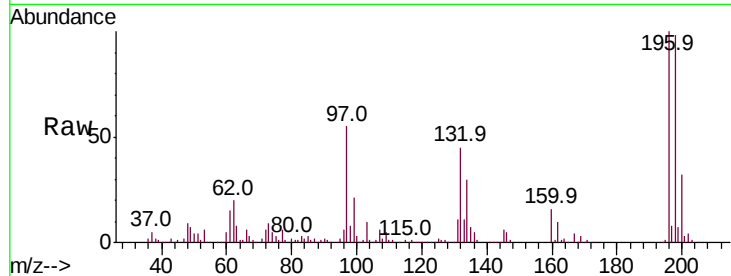
#43
 2,4,6-Trichlorophenol
 Concen: 35.530 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281329		
198	98.1	76.2	114.4	
200	32.0	24.3	36.5	

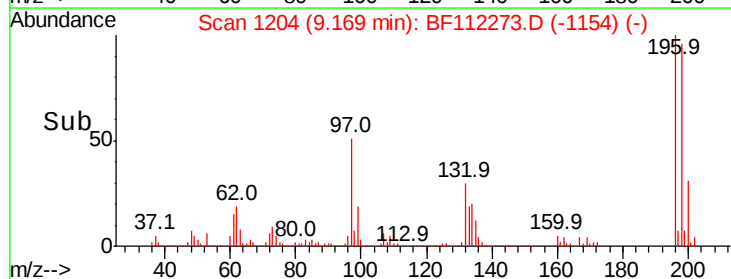
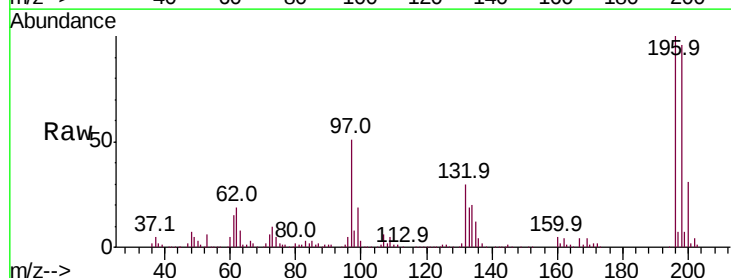
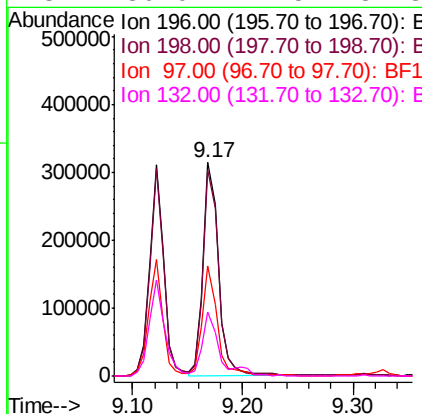
Manual Integrations
 APPROVED

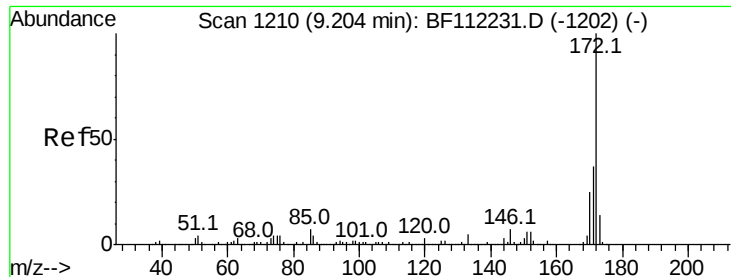
mohammad
 1/29/2019 9:35:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.830 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296506		
198	96.2	76.0	114.0	
97	51.3	36.4	54.6	
132	30.0	21.5	32.3	





#45

2-Fluorobiphenyl

Concen: 81.449 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:172 Resp: 2252981

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

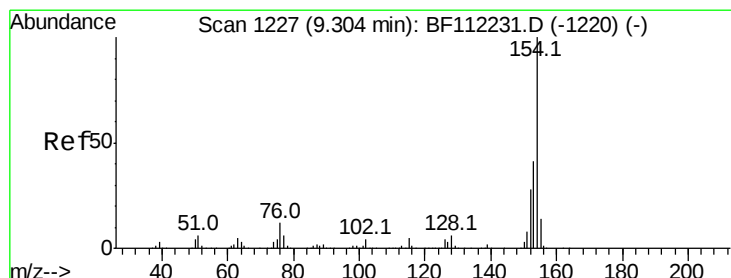
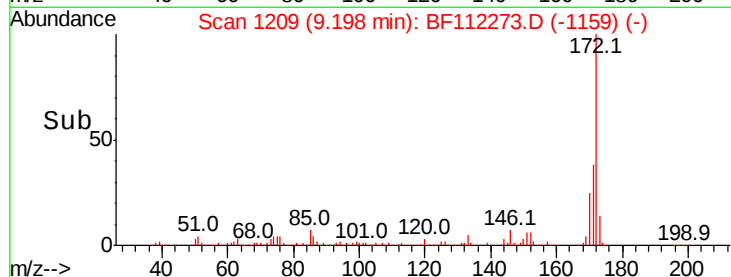
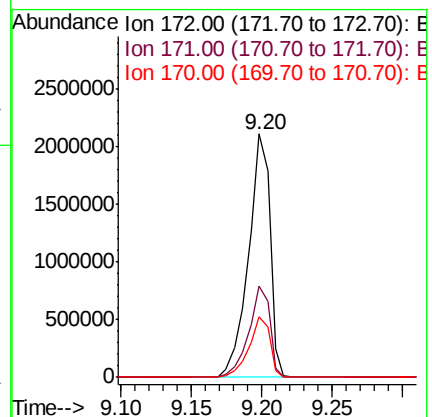
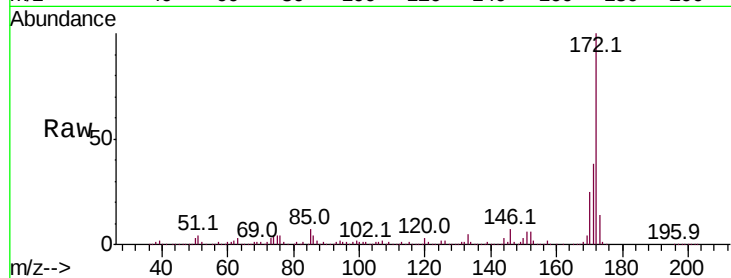
170 24.8 20.2 30.4

Manual Integrations

APPROVED

mohammad

1/29/2019 9:35:01 AM



#46

1,1'-Biphenyl

Concen: 34.499 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

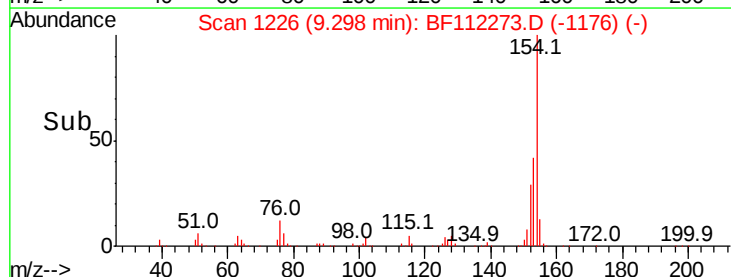
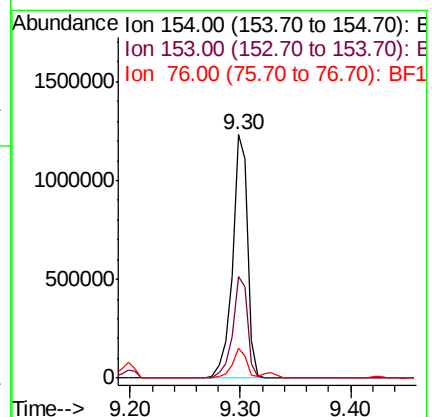
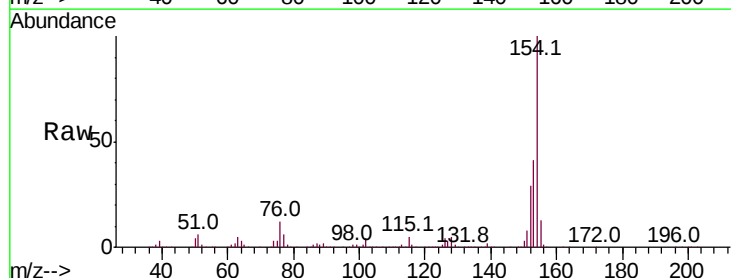
Tgt Ion:154 Resp: 1179932

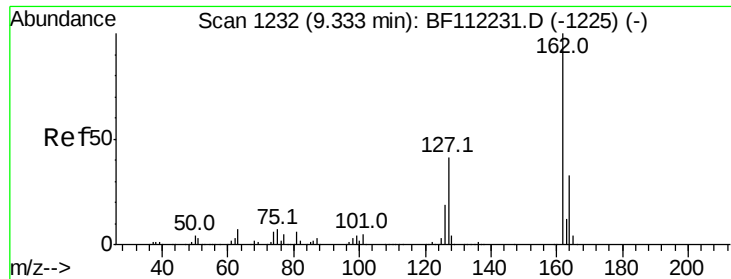
Ion Ratio Lower Upper

154 100

153 41.5 21.5 61.5

76 12.3 0.0 33.1





#47

2-Chloronaphthalene

Concen: 34.236 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

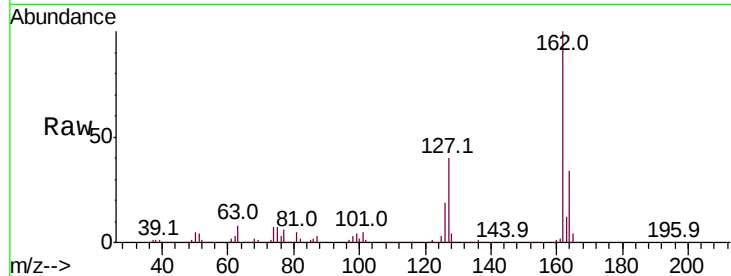
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:	162	Resp:	908026
Ion Ratio	Lower	Upper	
162	100		
127	40.5	30.4	45.6
164	33.5	27.4	41.2

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

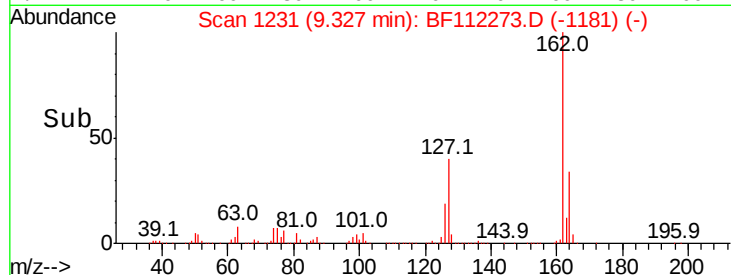


Abundance Ion 162.00 (161.70 to 162.70): E

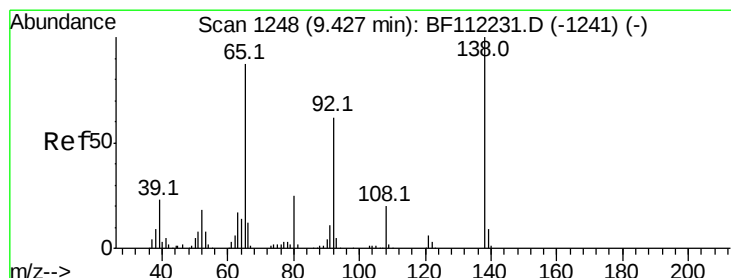
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#48

2-Nitroaniline

Concen: 34.846 ng

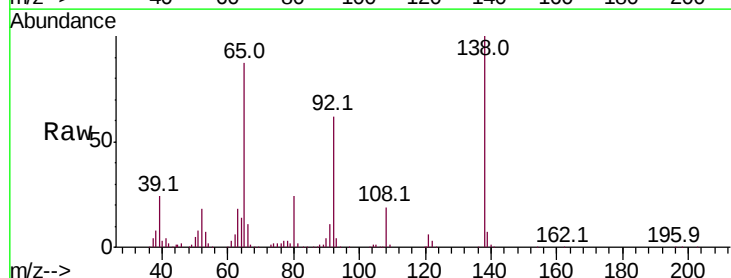
RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion:	65	Resp:	251904
Ion Ratio	Lower	Upper	
65	100		
92	71.1	60.4	90.6
138	115.2	104.4	156.6

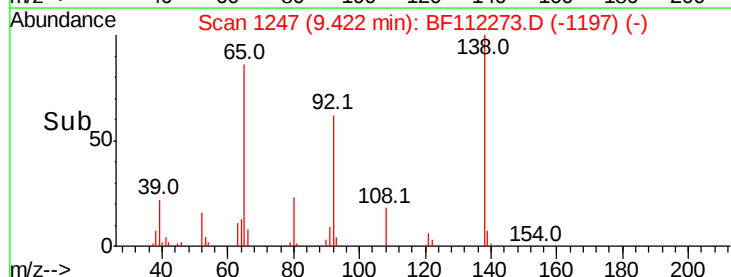


Abundance Ion 65.00 (64.70 to 65.70): BF1

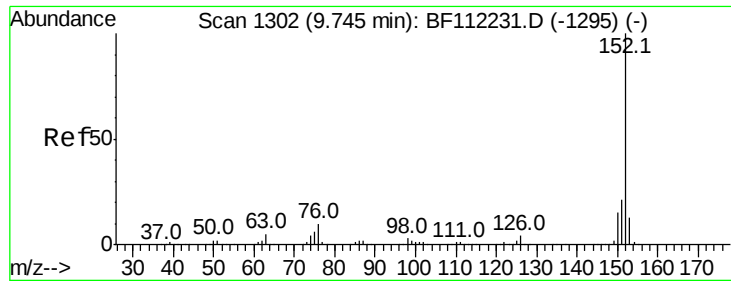
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->



#49

Acenaphthylene

Concen: 36.773 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:152 Resp: 1429532

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

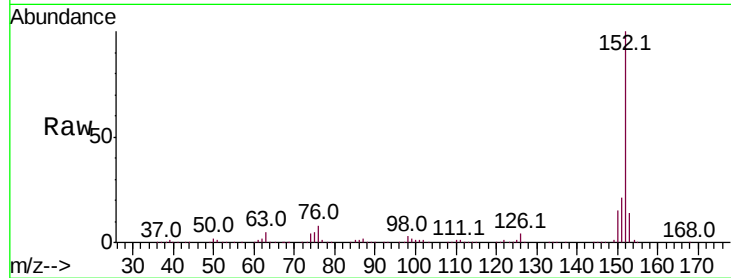
153 13.5 11.2 16.8

Manual Integrations

APPROVED

mohammad

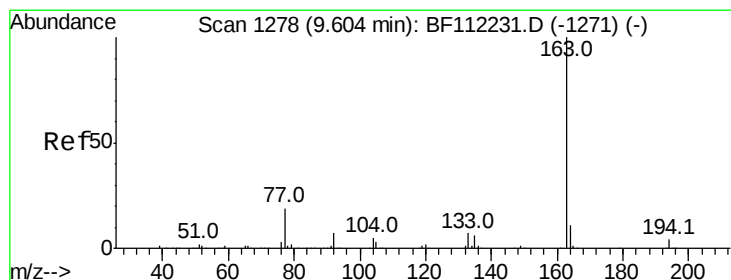
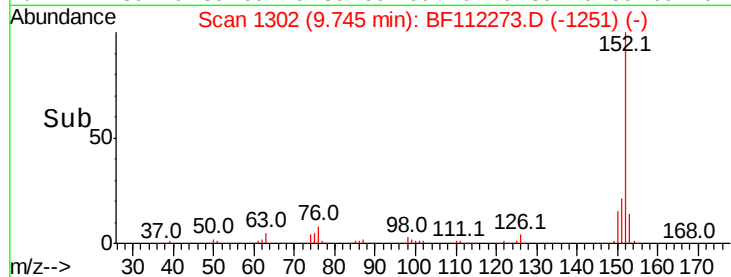
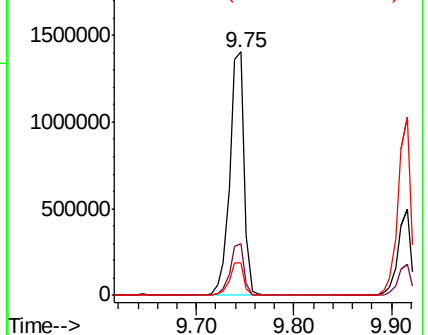
1/29/2019 9:35:01 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.222 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

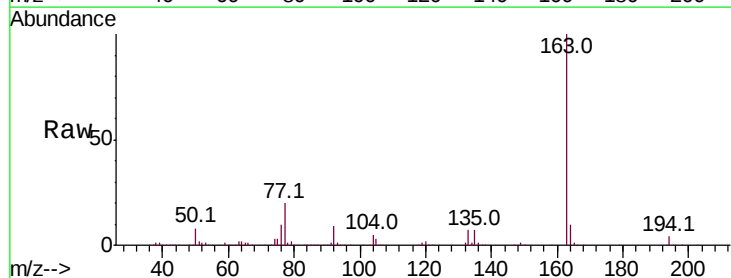
Tgt Ion:163 Resp: 1192195

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

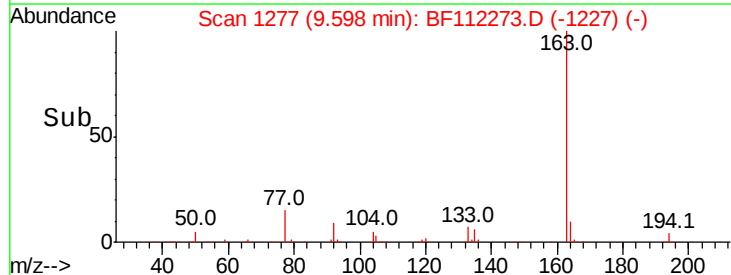
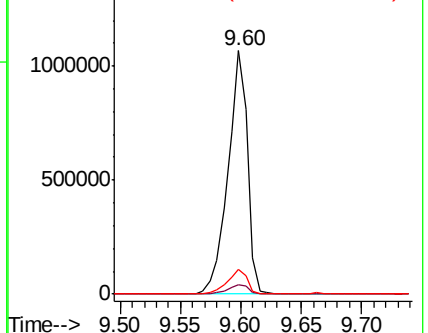
164 10.1 8.5 12.7

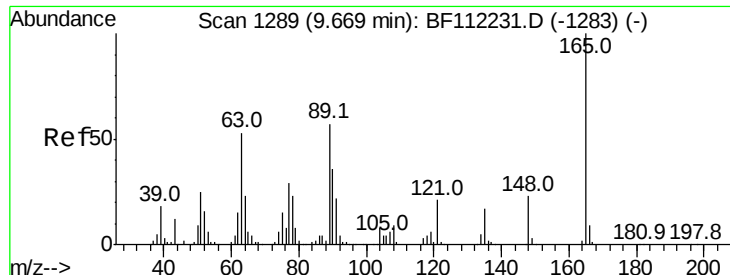


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.941 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:165 Resp: 244667

Ion Ratio Lower Upper

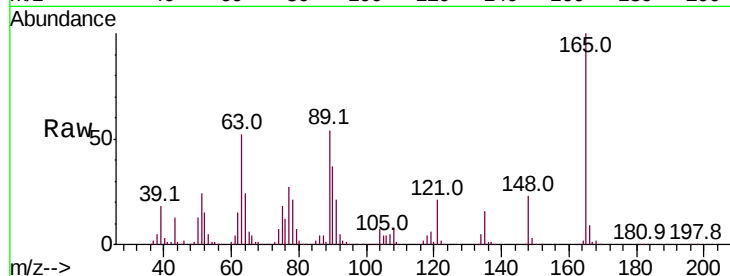
165 100

63 51.6 33.8 50.8#

89 54.0 36.9 55.3

Manual Integrations
APPROVED

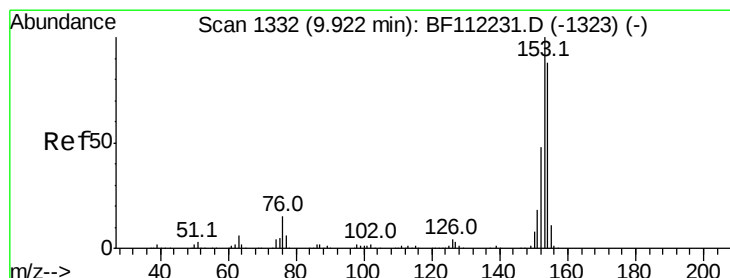
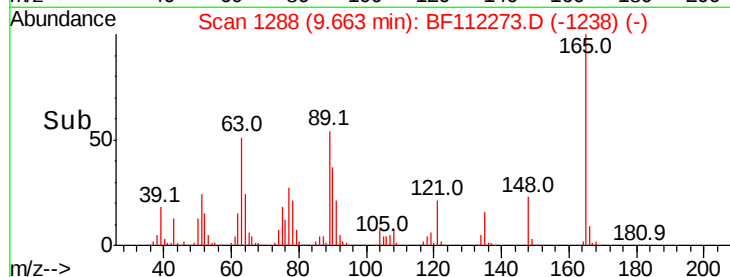
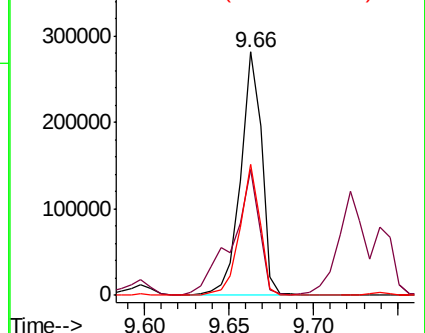
mohammad
1/29/2019 9:35:01 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.510 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

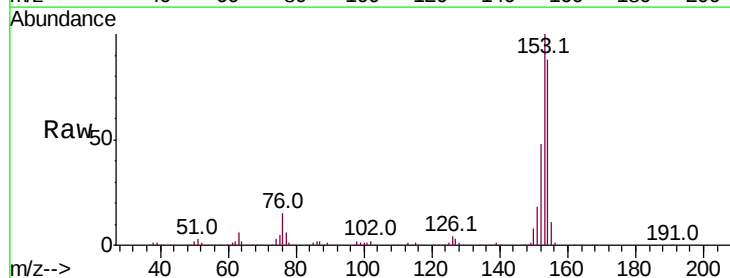
Tgt Ion:154 Resp: 824626

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

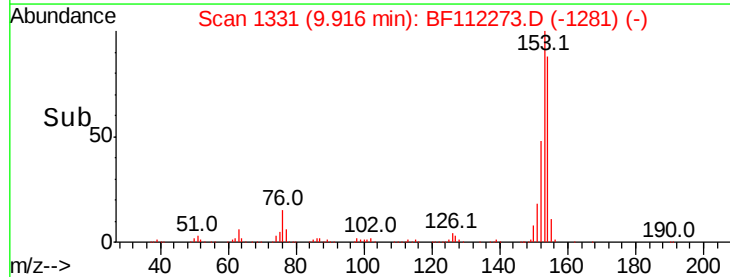
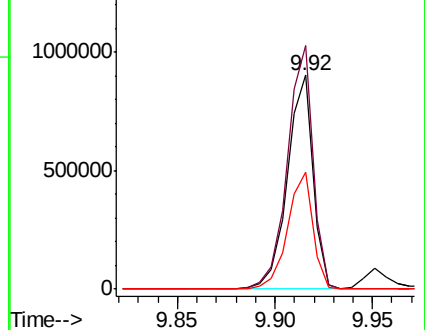
152 54.7 43.5 65.3

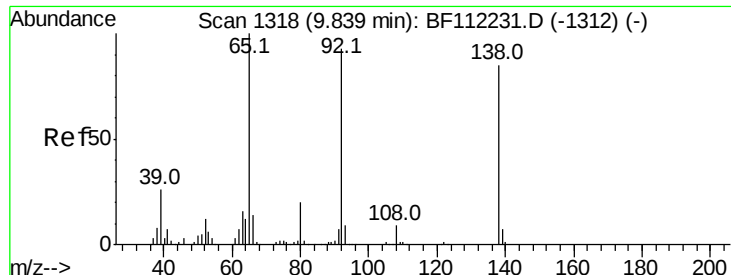


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





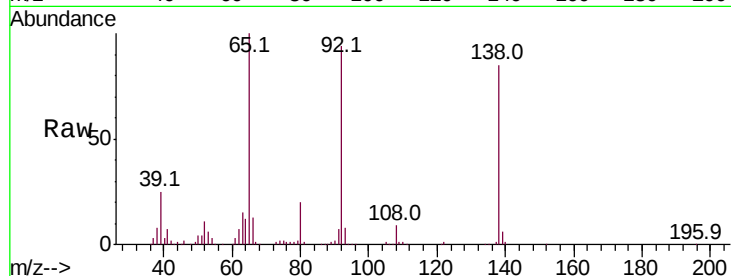
#53
3-Nitroaniline
Concen: 27.352 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.8	14.6
92	109.9	79.4	119.2

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

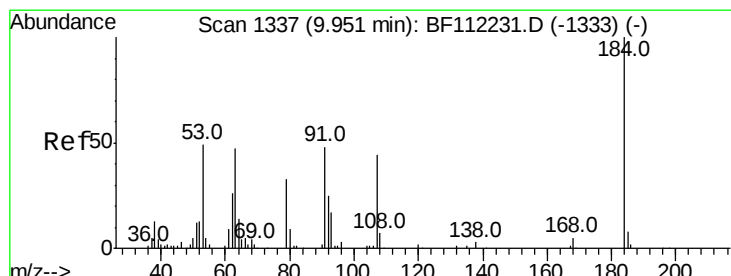
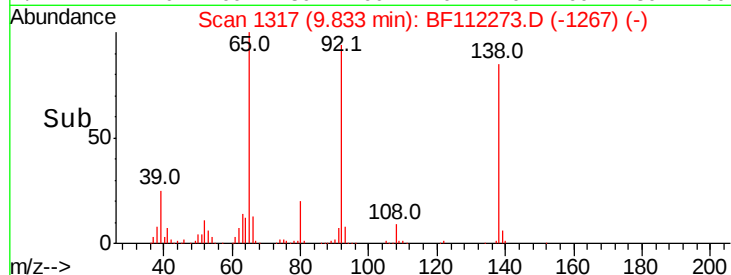
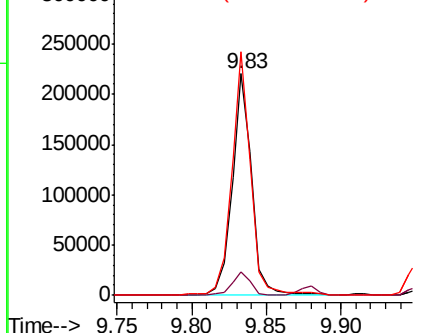


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 64.974 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

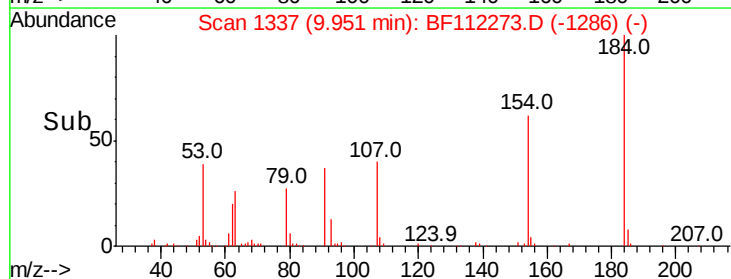
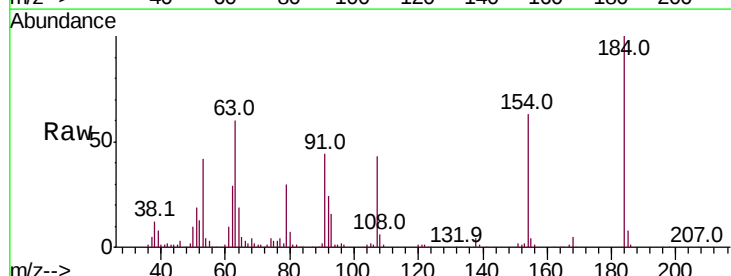
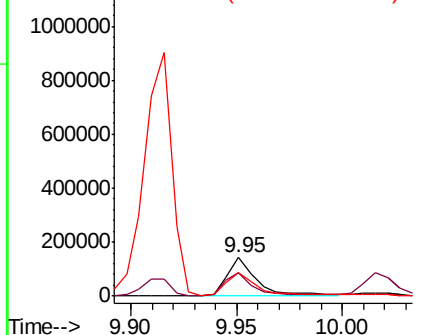
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	47.1	70.7
154	62.6	48.9	73.3

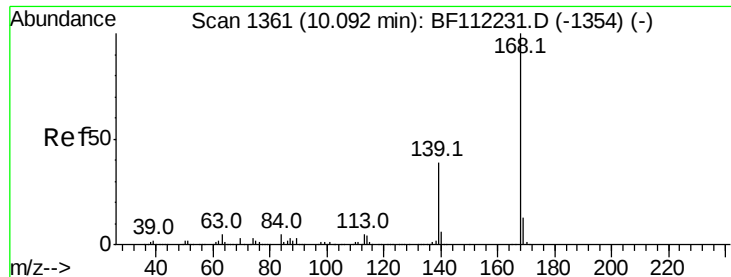
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 35.490 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:168 Resp: 1259454

Ion Ratio Lower Upper

168 100

139 39.9 29.2 43.8

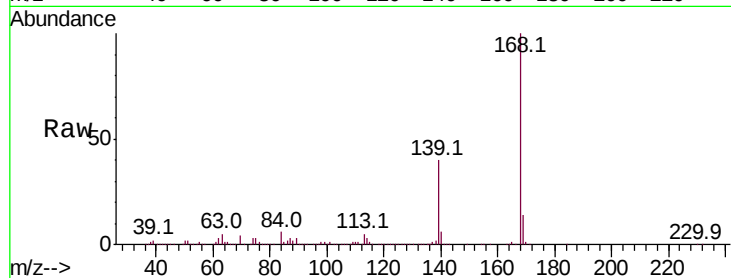
169 13.5 11.4 17.0

Manual Integrations

APPROVED

mohammad

1/29/2019 9:35:01 AM

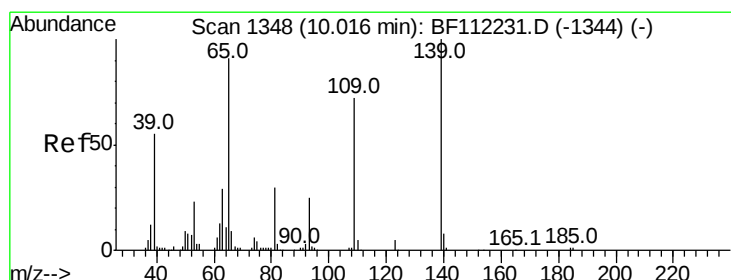
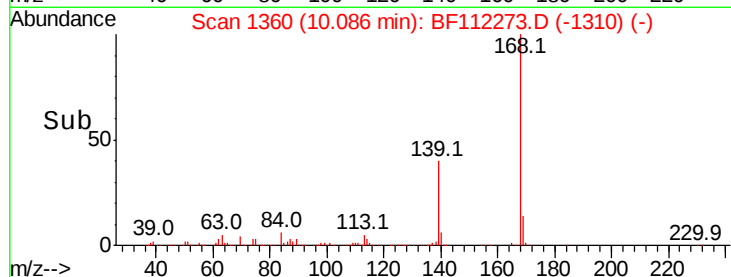
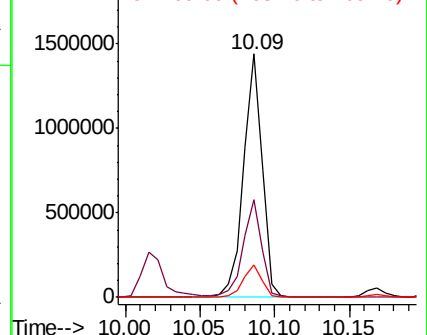


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.582 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

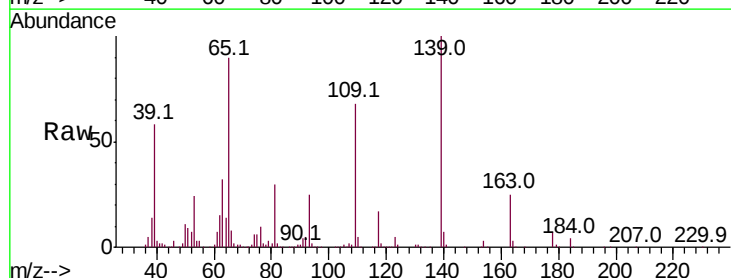
Tgt Ion:139 Resp: 279112

Ion Ratio Lower Upper

139 100

109 67.8 42.8 82.8

65 90.5 66.1 106.1

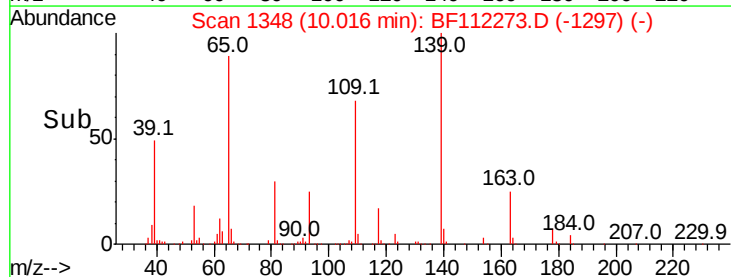
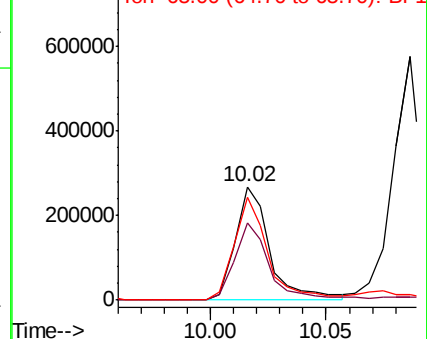


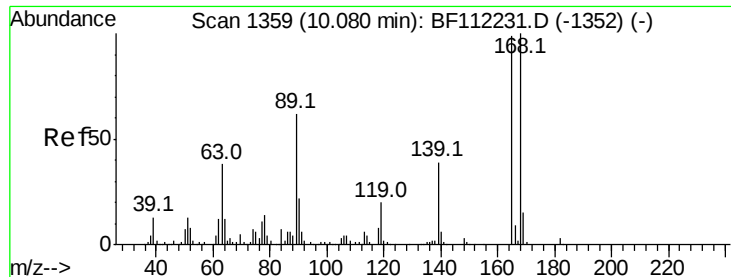
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





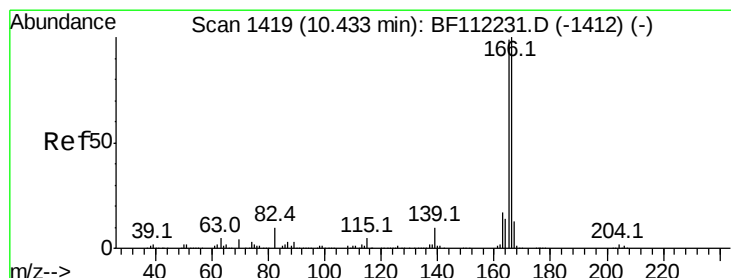
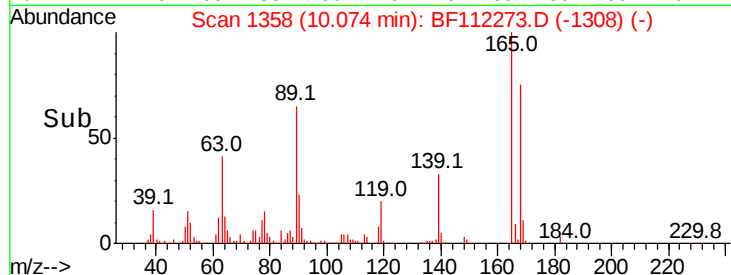
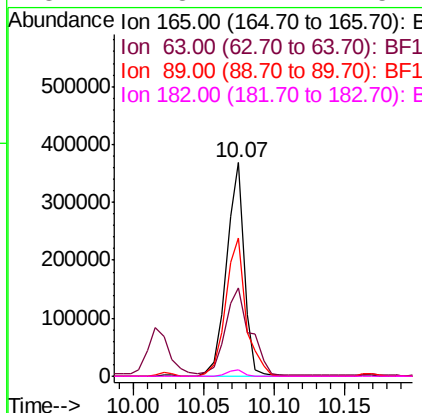
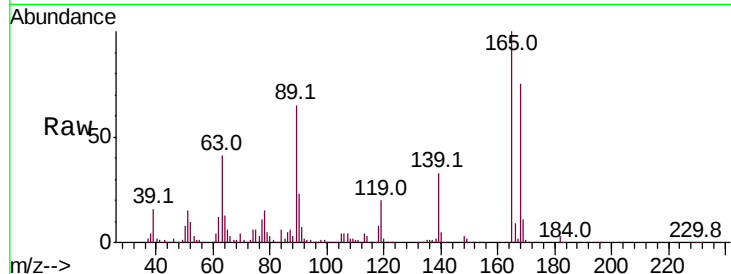
#57
2,4-Dinitrotoluene
Concen: 37.062 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.4	27.9	41.9	
89	64.9	47.9	71.9	
182	2.8	2.2	3.4	

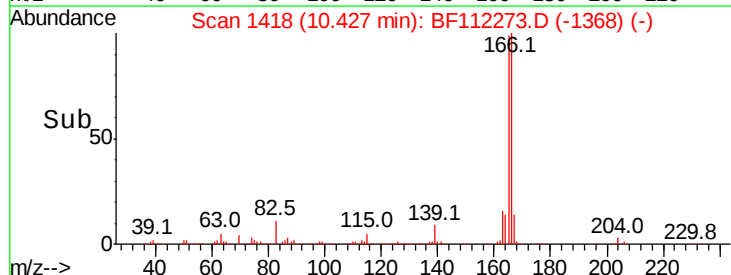
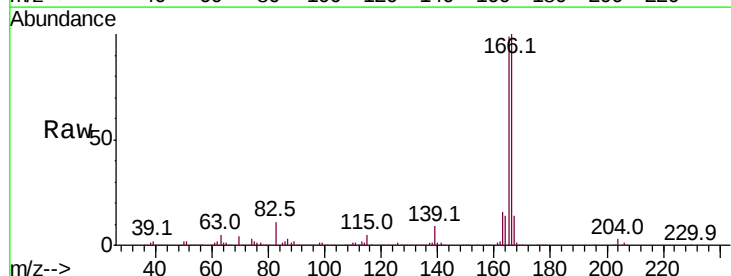
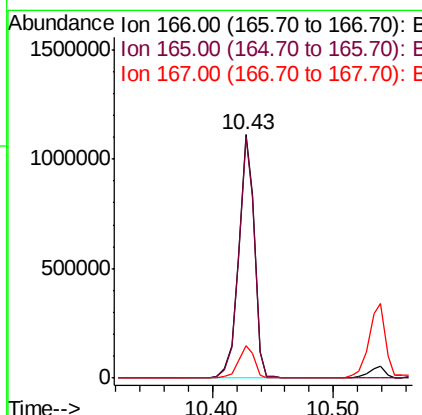
Manual Integrations
APPROVED

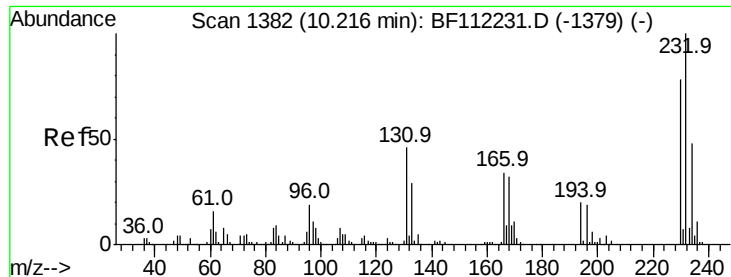
mohammad
1/29/2019 9:35:01 AM



#58
Fluorene
Concen: 37.704 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	77.1	115.7	
167	13.5	11.3	16.9	





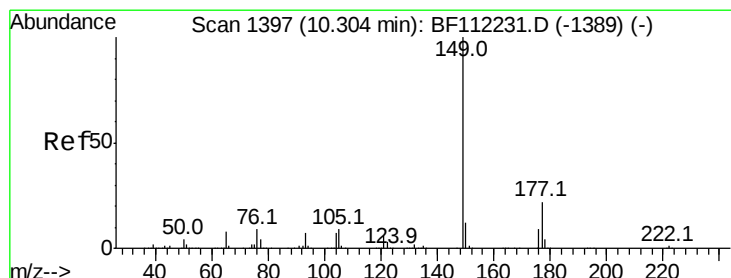
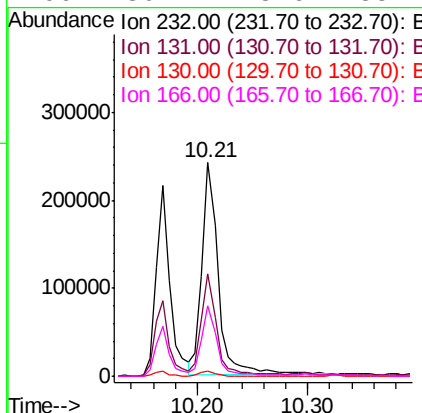
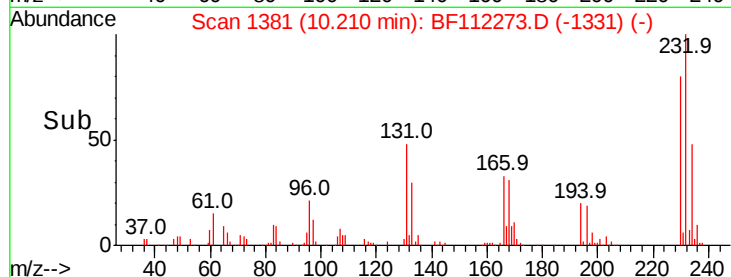
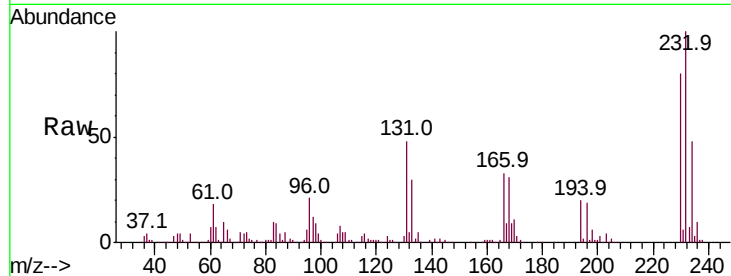
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.818 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242755		
131	43.3		33.9	50.9
130	2.4		1.8	2.6
166	30.4		23.6	35.4

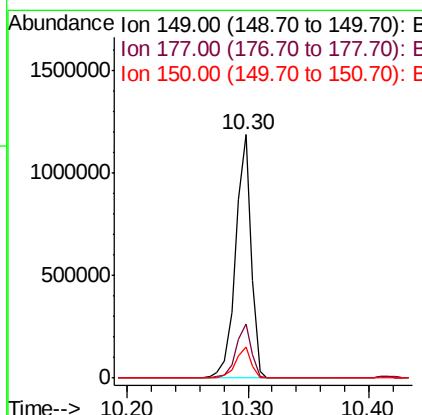
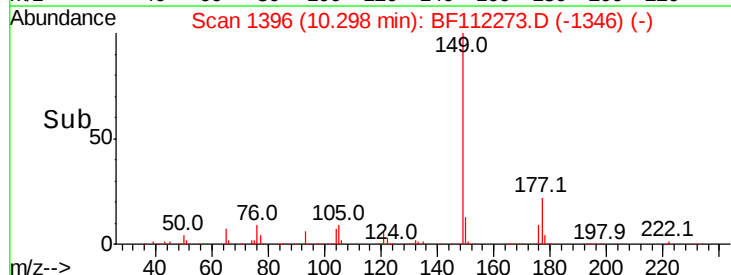
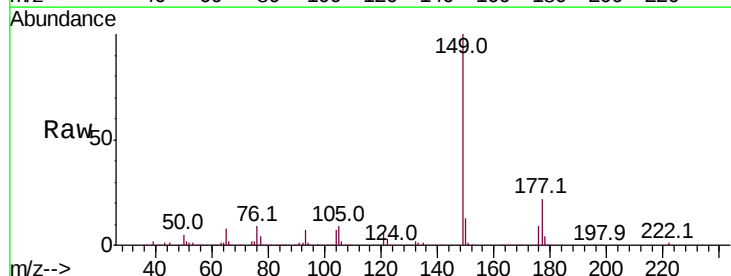
Manual Integrations
APPROVED

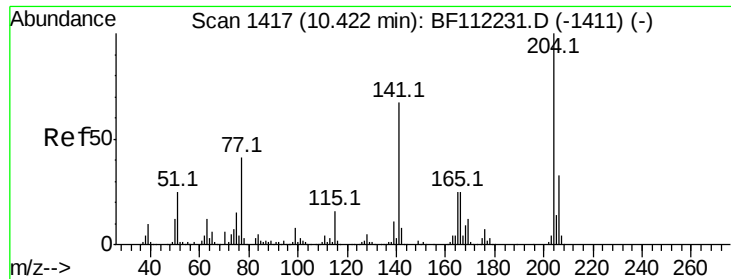
mohammad
1/29/2019 9:35:01 AM



#60
Diethylphthalate
Concen: 35.322 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1065484		
177	22.5		18.2	27.2
150	12.6		10.4	15.6





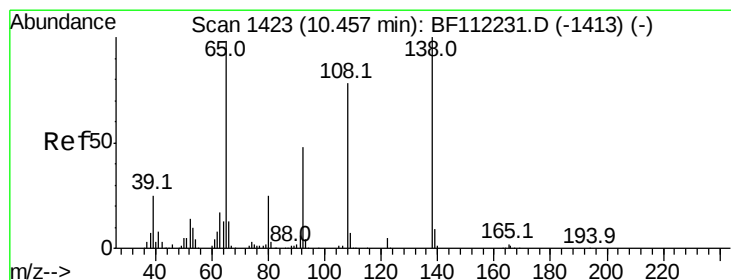
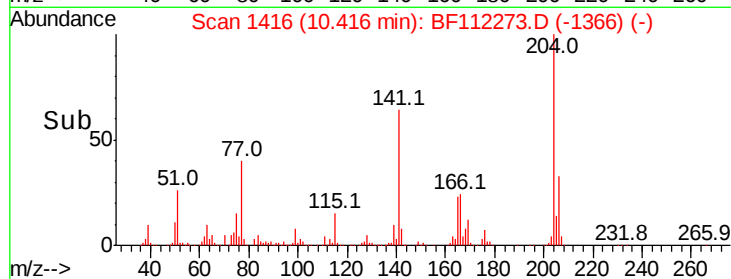
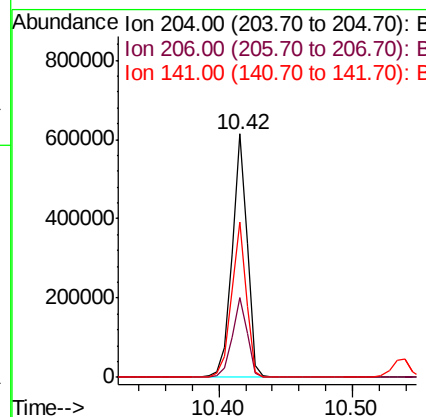
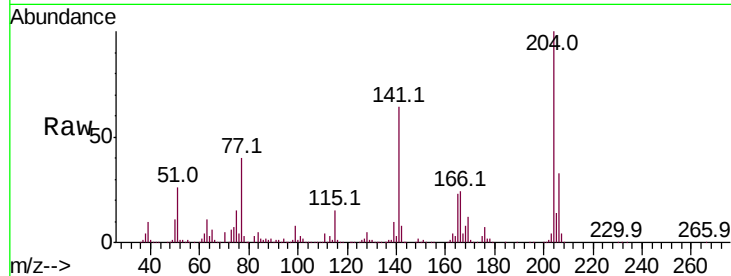
#61
4-Chlorophenyl-phenylether
Concen: 34.128 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	63.6	45.9	68.9

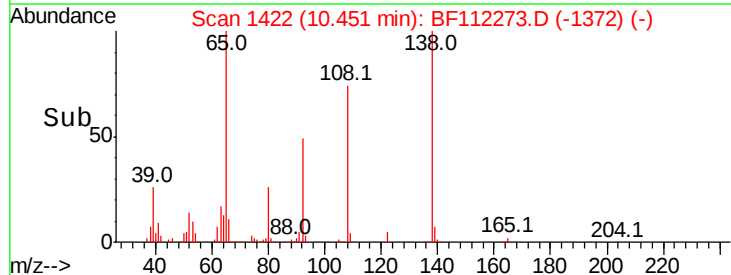
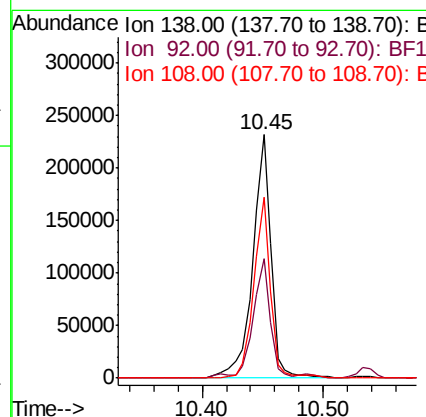
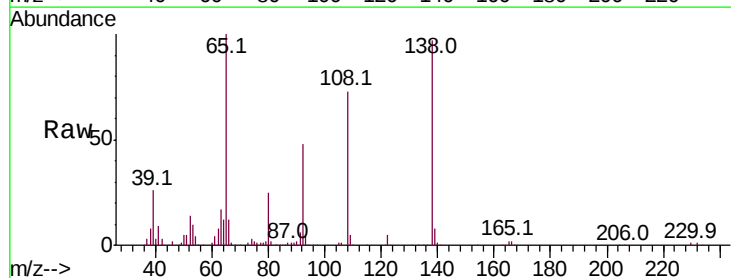
Manual Integrations
APPROVED

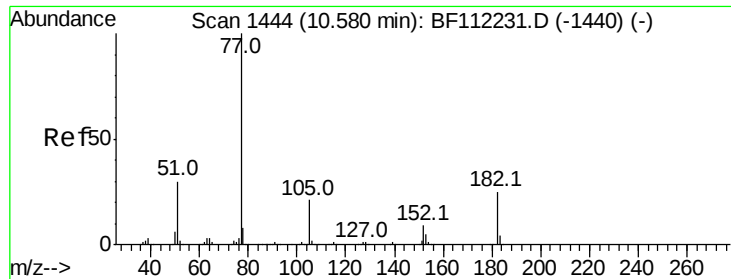
mohammad
1/29/2019 9:35:01 AM



#62
4-Nitroaniline
Concen: 33.993 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.6	70.6
108	74.4	50.0	90.0





#63

Azobenzene

Concen: 35.230 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF112273.D

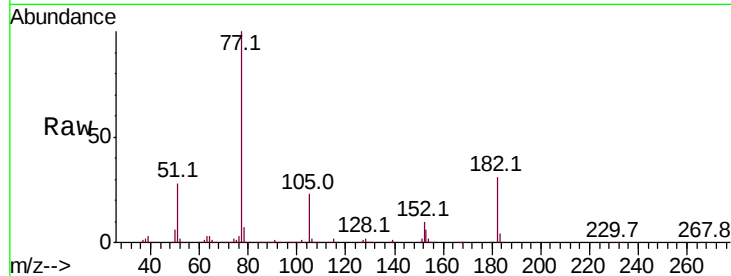
Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

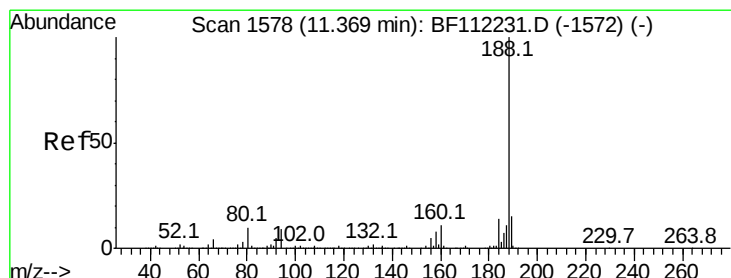
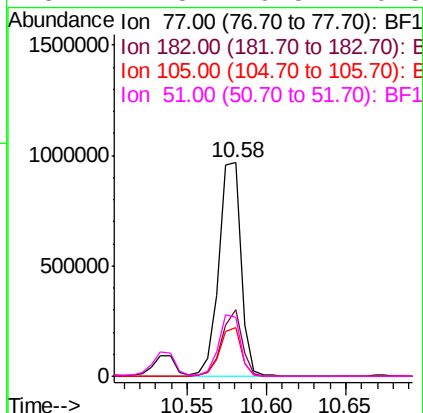
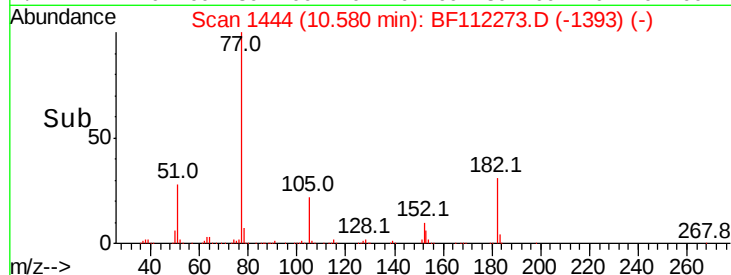
FK-BPM-01-AA01-BB01-AA01A-AA0



Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	31.2	5.7	45.7	
105	22.8	1.4	41.4	
51	27.8	9.5	49.5	

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#64

Phenanthrene-d10

Concen: 20.000 ng

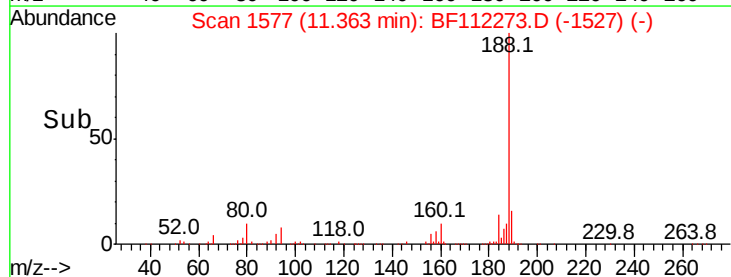
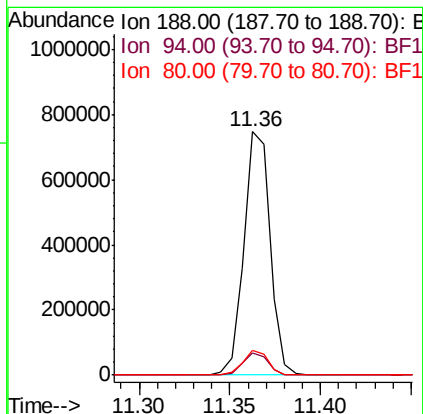
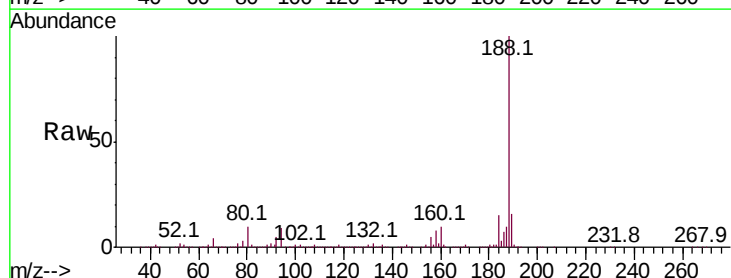
RT: 11.36 min Scan# 1577

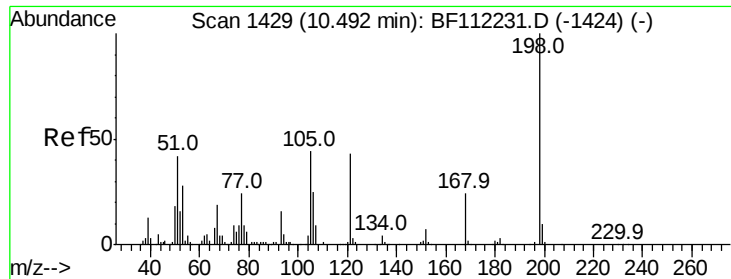
Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	8.2	12.2	
80	10.3	8.9	13.3	





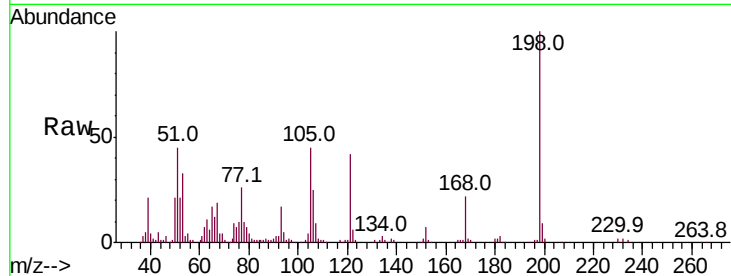
#65
4,6-Dinitro-2-methylphenol
Concen: 31.913 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

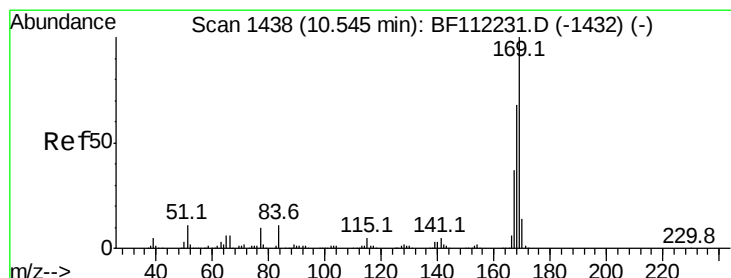
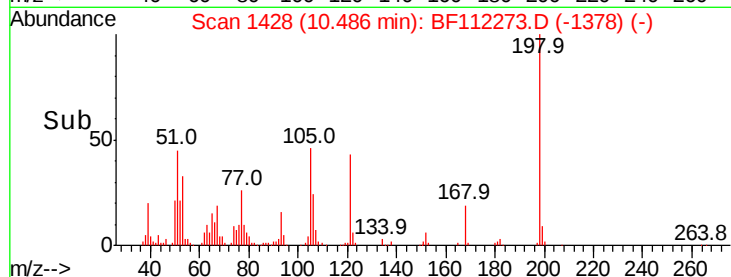
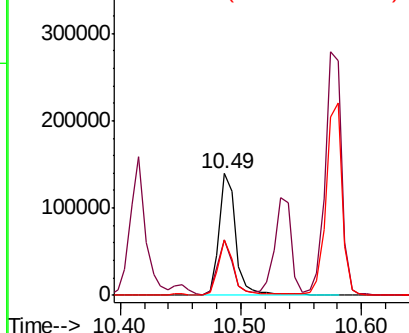
Tot Ion	Ratio	Resp	Lower	Upper
198	100	134144		
51	45.1	17.2	57.2	
105	45.1	21.9	61.9	

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

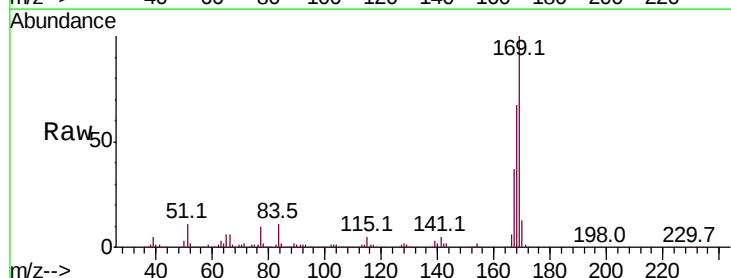


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

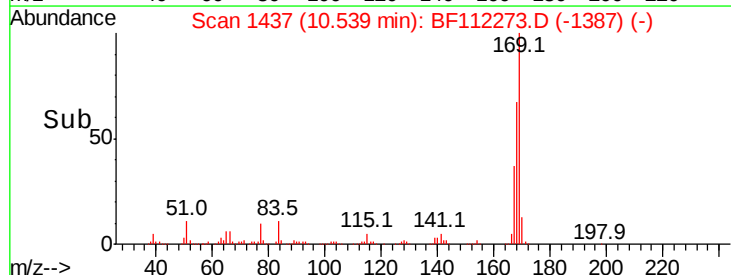
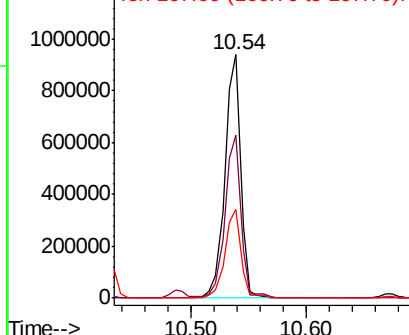


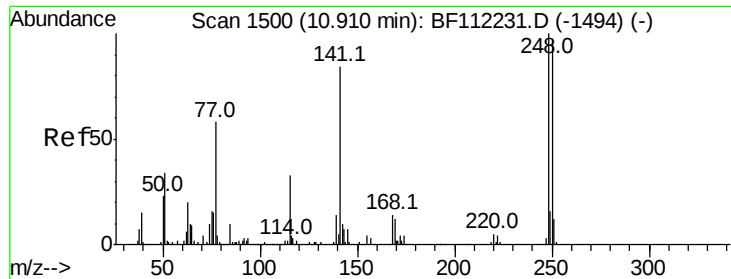
#66
n-Nitrosodiphenylamine
Concen: 35.130 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	887677		
168	66.8	53.9	80.9	
167	36.6	28.9	43.3	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





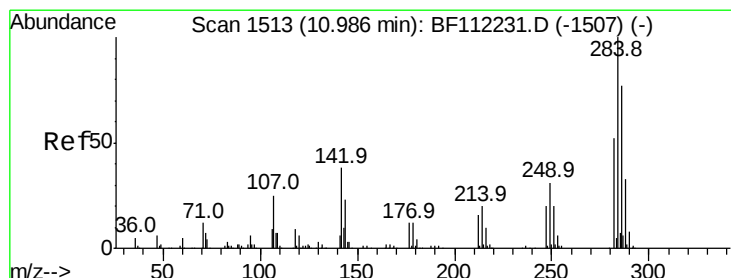
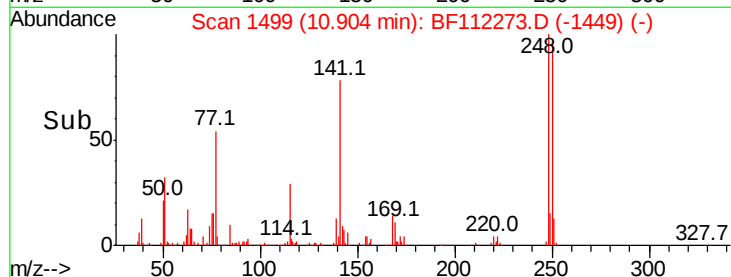
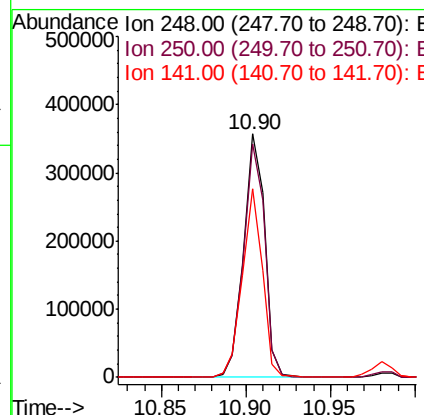
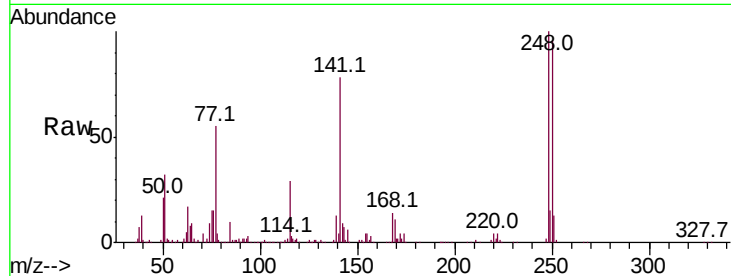
#67
4-Bromophenyl-phenylether
Concen: 35.295 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.7	119.5
141	77.5	60.3	90.5

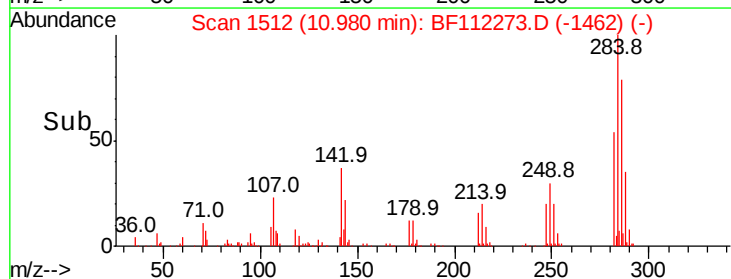
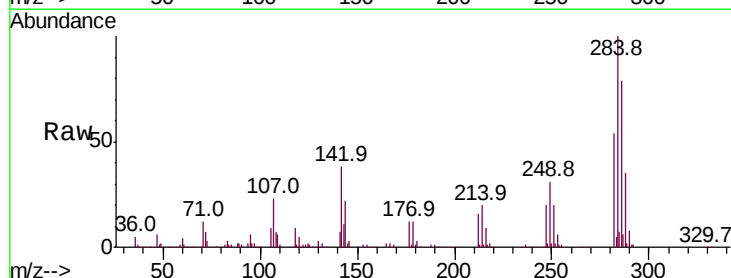
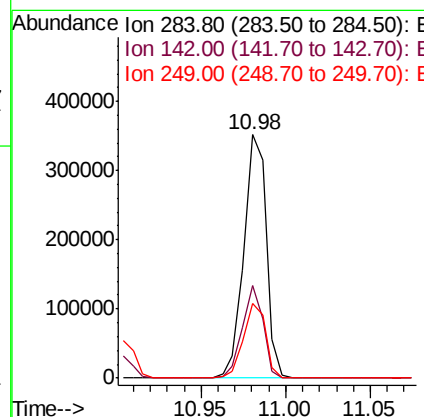
Manual Integrations
APPROVED

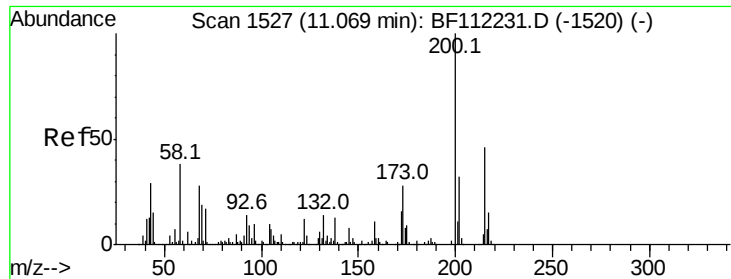
mohammad
1/29/2019 9:35:01 AM



#68
Hexachlorobenzene
Concen: 34.556 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	27.6	41.4
249	30.7	24.1	36.1





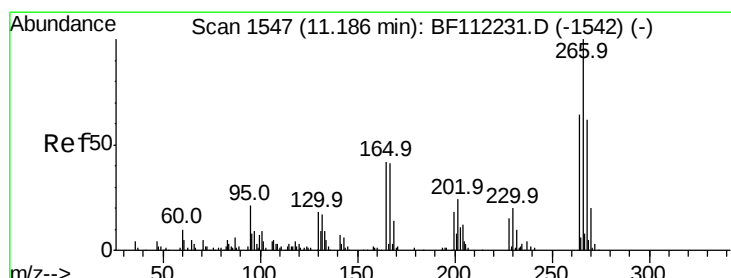
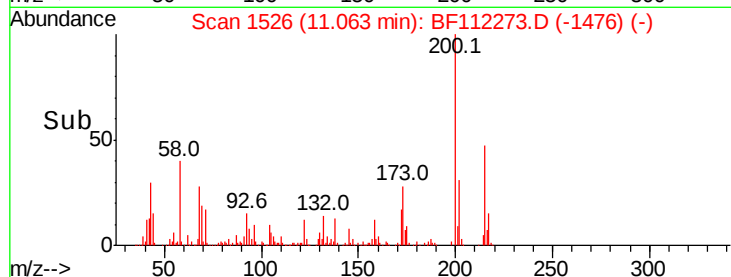
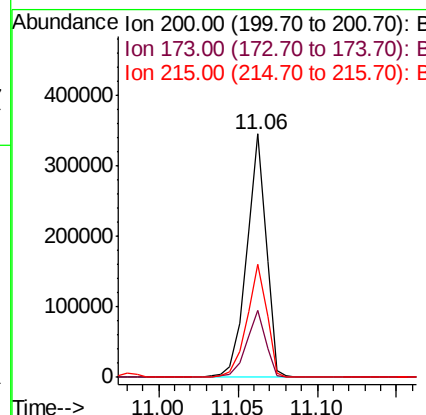
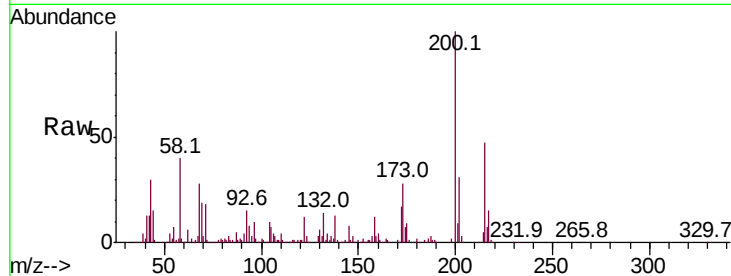
#69
Atrazine
Concen: 35.845 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	7.1	47.1
215	46.6	30.4	70.4

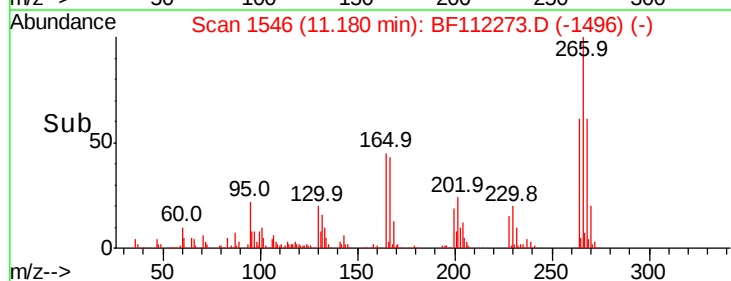
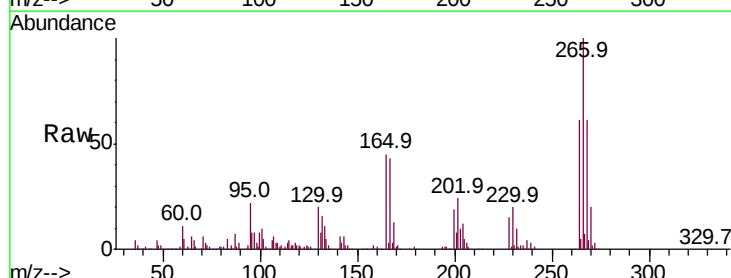
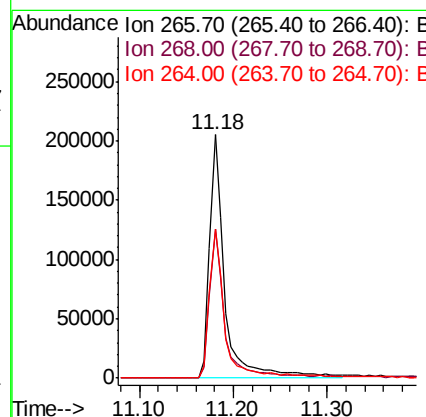
Manual Integrations
APPROVED

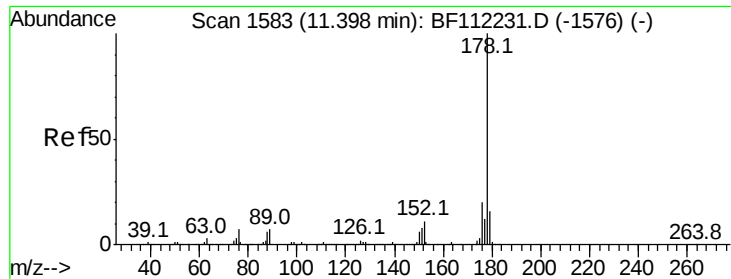
mohammad
1/29/2019 9:35:01 AM



#70
Pentachlorophenol
Concen: 62.936 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.1	51.2	76.8
264	61.2	50.9	76.3





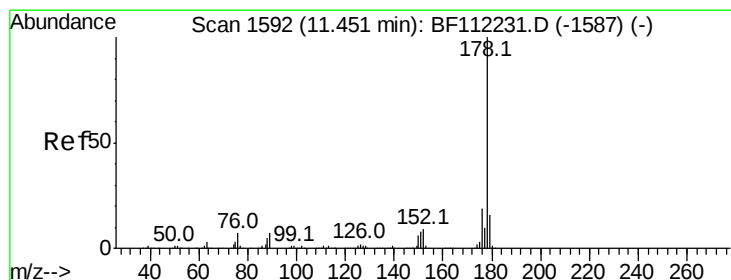
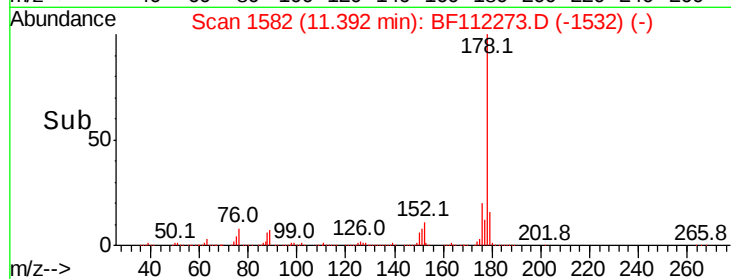
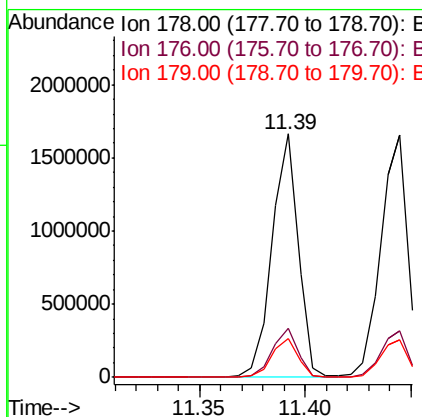
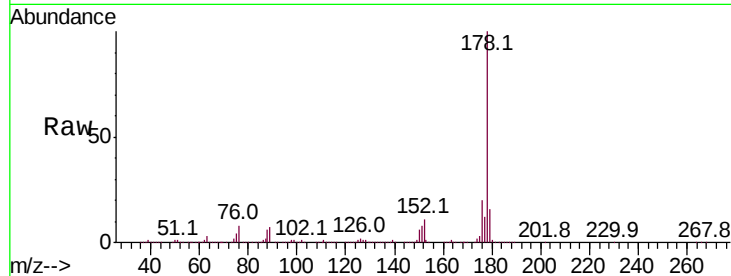
#71
Phenanthrene
Concen: 36.965 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	16.2	13.0	19.4

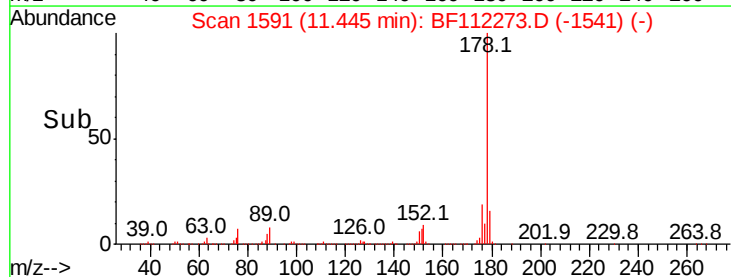
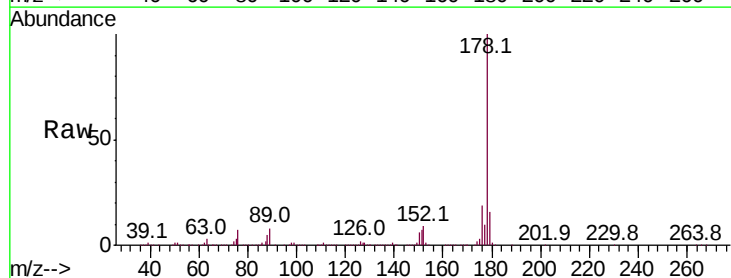
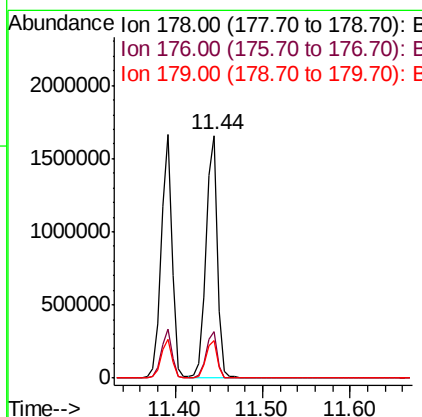
Manual Integrations
APPROVED

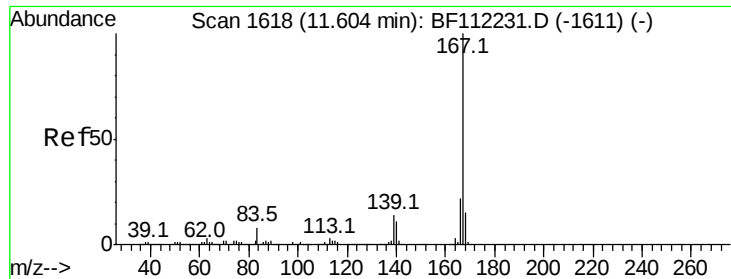
mohammad
1/29/2019 9:35:01 AM



#72
Anthracene
Concen: 38.811 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.7	12.8	19.2





#73

Carbazole

Concen: 34.584 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:167 Resp: 1324540

Ion Ratio Lower Upper

167 100

166 22.6 17.9 26.9

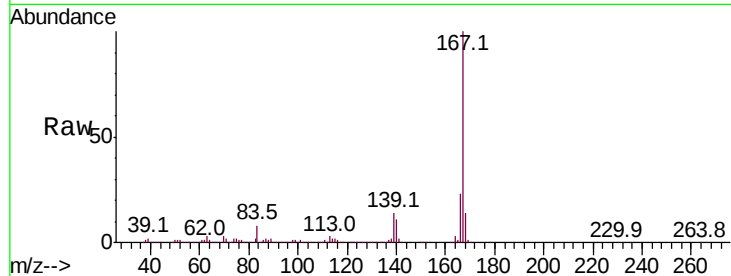
139 13.7 10.2 15.2

Manual Integrations

APPROVED

mohammad

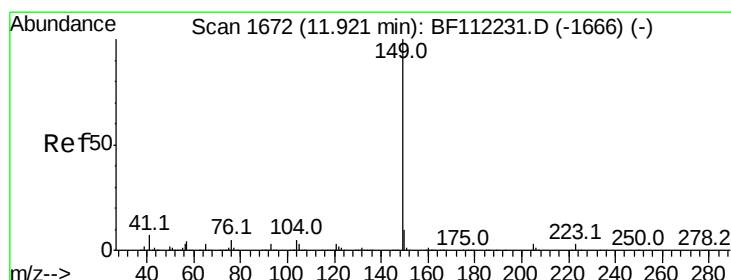
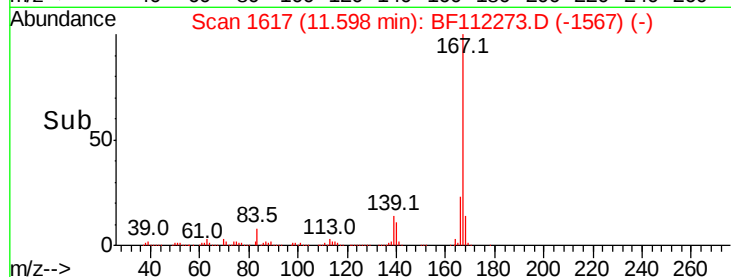
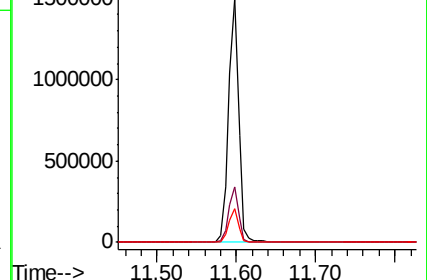
1/29/2019 9:35:01 AM



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 34.976 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

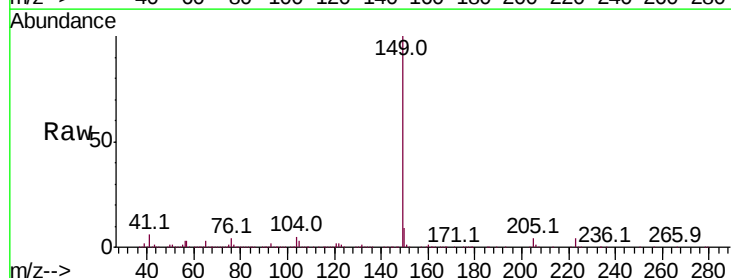
Tgt Ion:149 Resp: 1662702

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

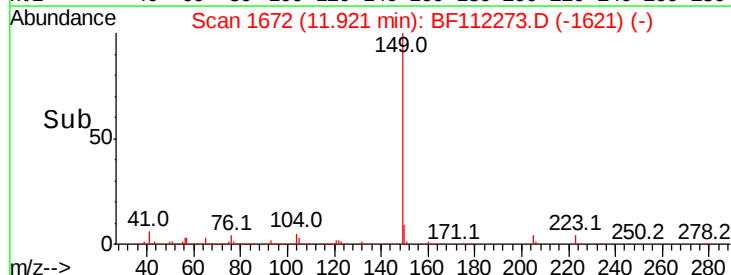
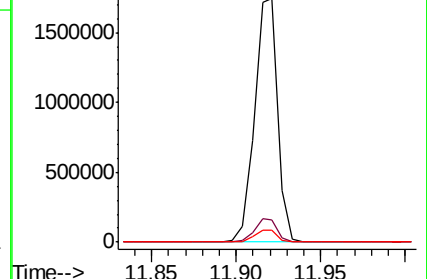
104 4.7 3.9 5.9

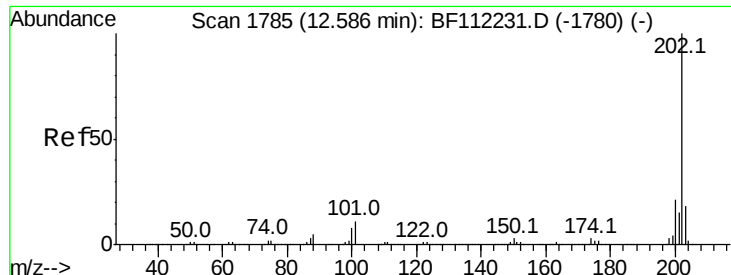


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





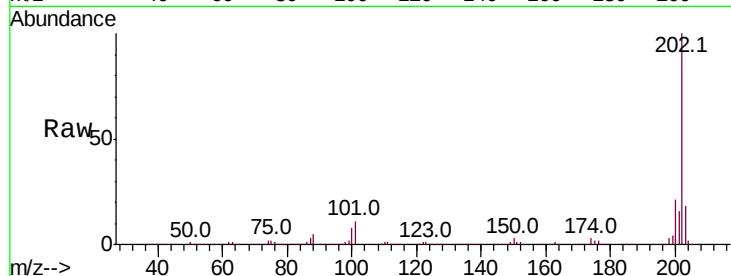
#75
 Fluoranthene
 Concen: 36.158 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

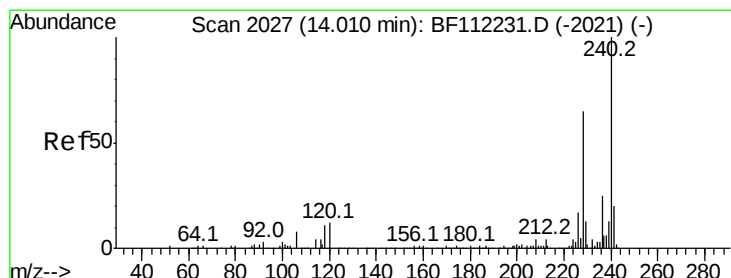
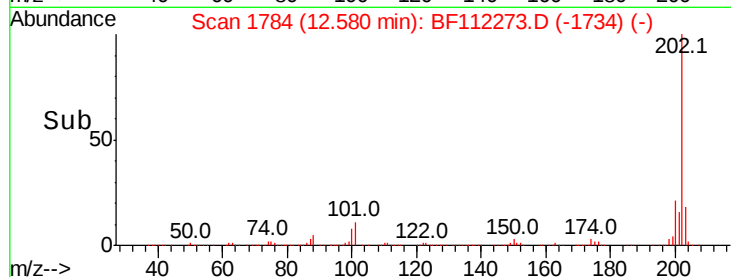
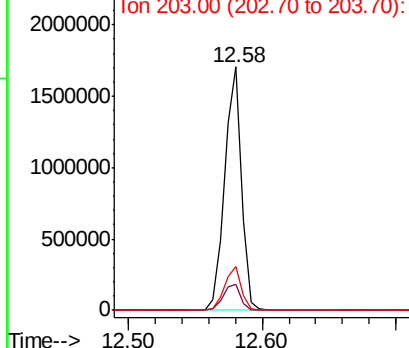
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.8
203	17.8	0.0	38.4

Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:35:01 AM



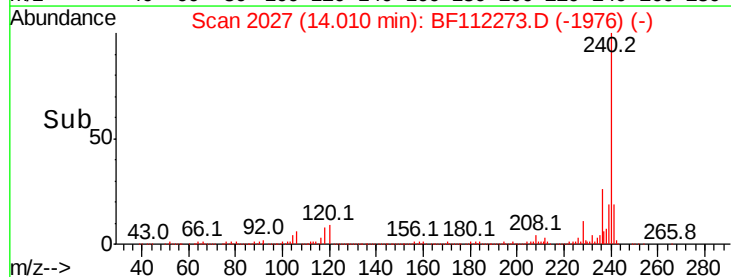
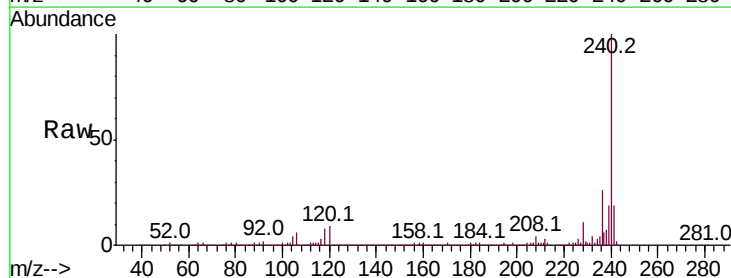
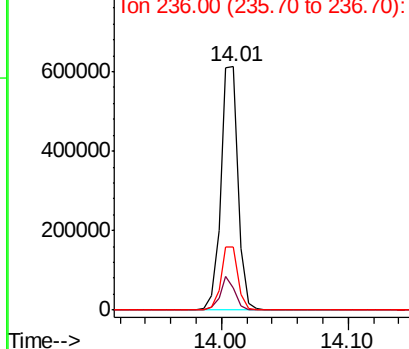
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

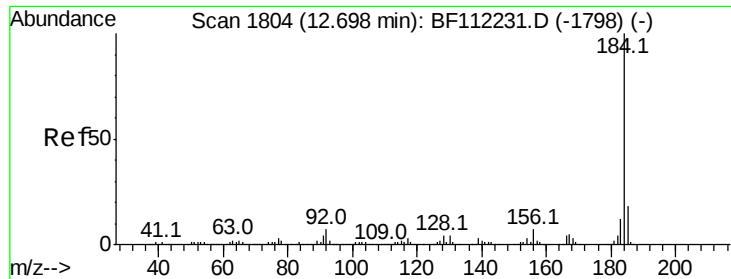


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.0	13.6
236	25.8	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.973 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

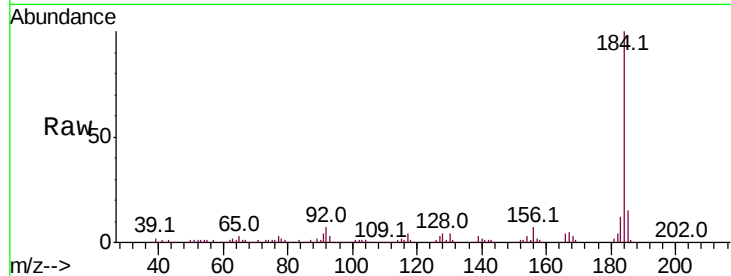
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

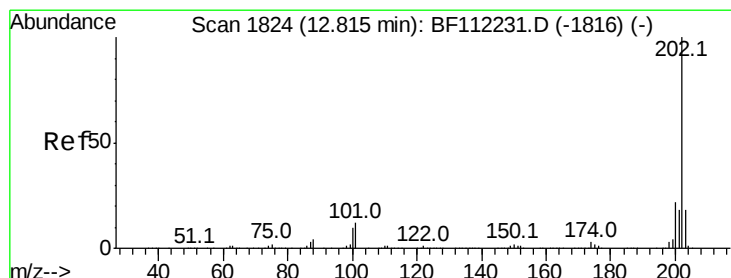
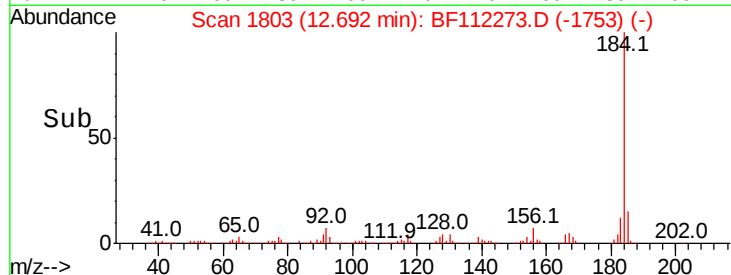
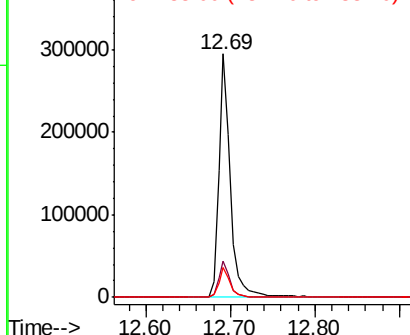
Tot Ion:	184	Resp:	287833
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.9	20.9
183	12.3	10.0	15.0

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



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



#78

Pyrene

Concen: 37.716 ng

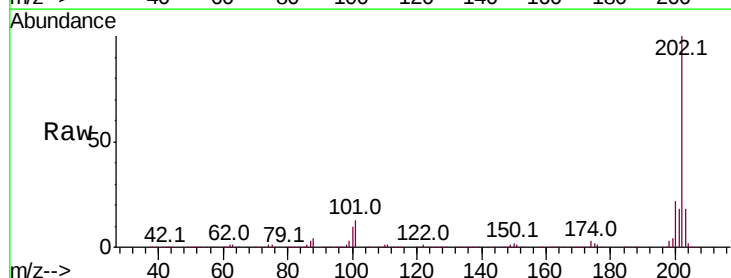
RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

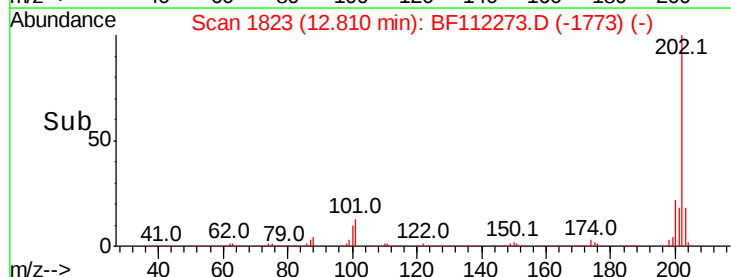
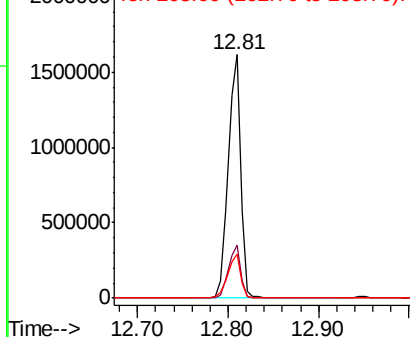
Lab File: BF112273.D

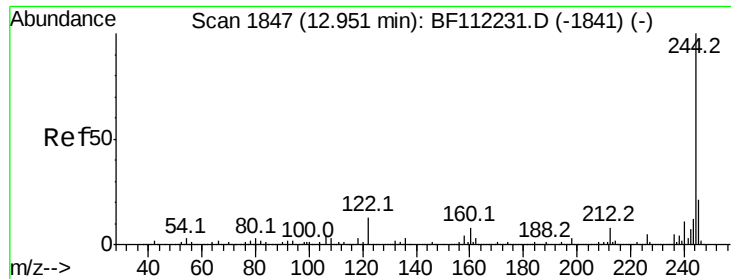
Acq: 28 Jan 2019 14:36

Tgt Ion:	202	Resp:	1519356
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	17.9	14.6	22.0



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





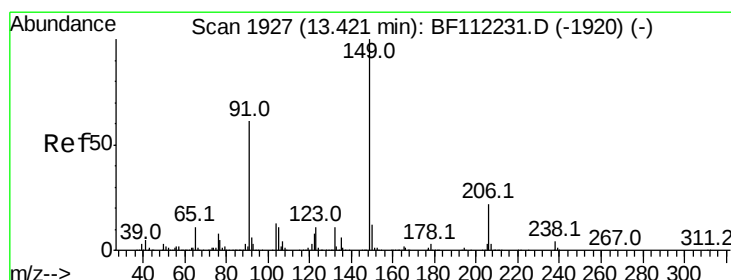
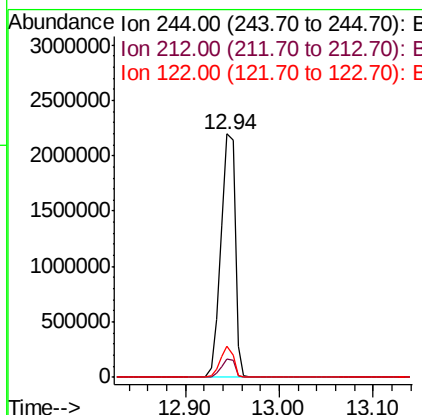
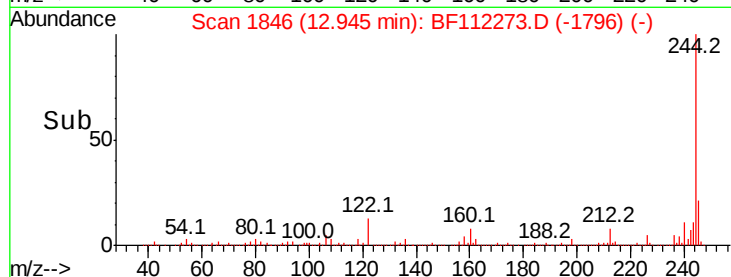
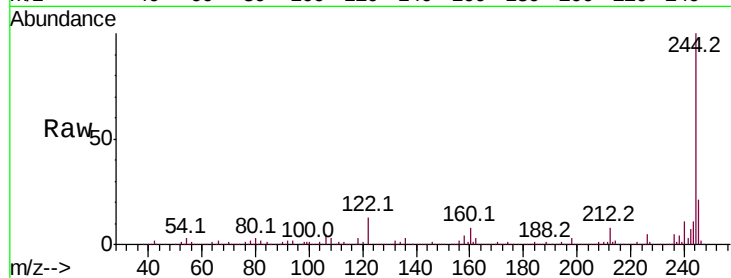
#79
 Terphenyl-d14
 Concen: 76.314 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:244 Resp: 2357560
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 13.0 9.8 14.6

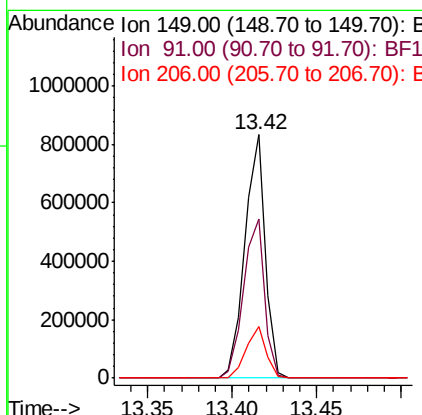
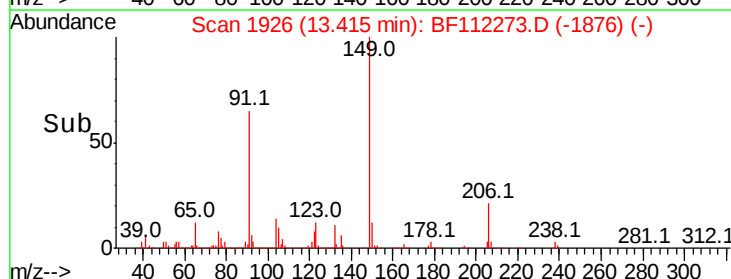
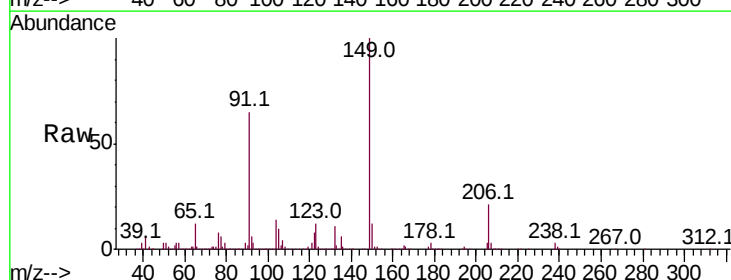
Manual Integrations
 APPROVED

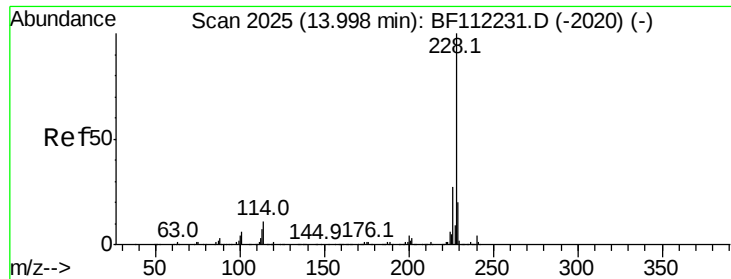
mohammad
 1/29/2019 9:35:01 AM



#80
 Butylbenzylphthalate
 Concen: 36.194 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Tgt Ion:149 Resp: 705424
 Ion Ratio Lower Upper
 149 100
 91 65.3 50.3 75.5
 206 21.1 18.2 27.4





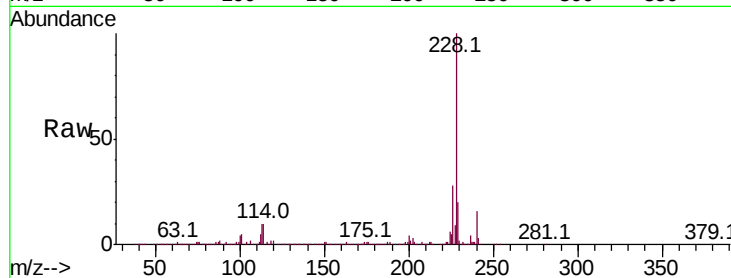
#81
Benzo(a)anthracene
Concen: 38.421 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

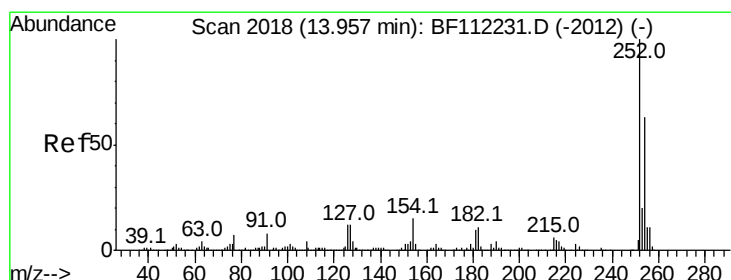
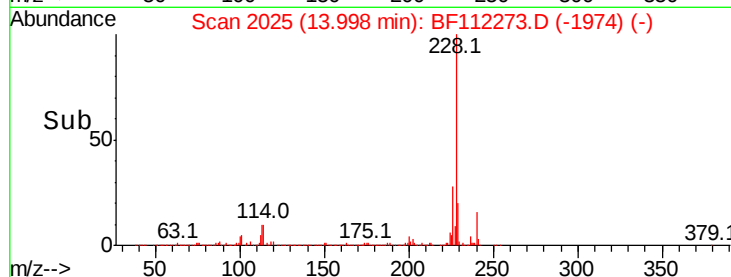
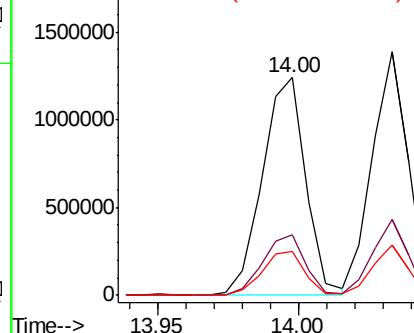
Tot Ion:228 Resp: 1314158
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.1 16.5 24.7

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM

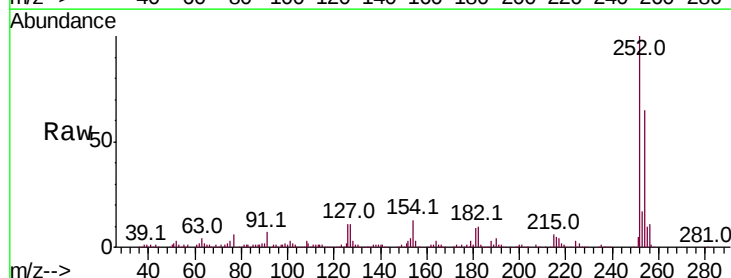


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

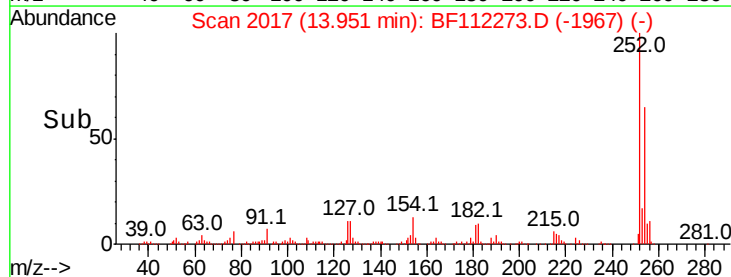
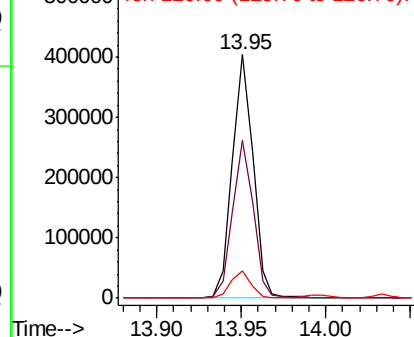


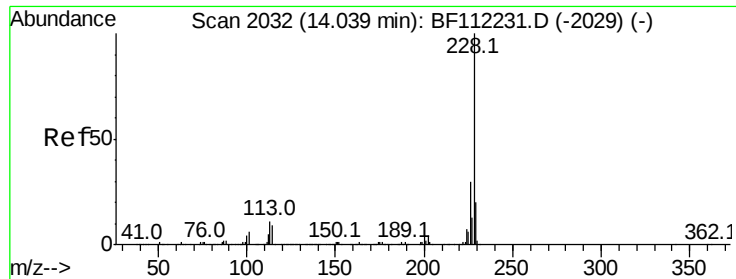
#82
3,3'-Dichlorobenzidine
Concen: 27.155 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion:252 Resp: 347608
Ion Ratio Lower Upper
252 100
254 64.9 51.6 77.4
126 11.4 8.6 12.8



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





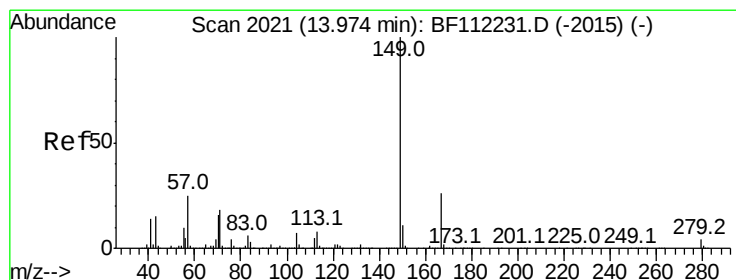
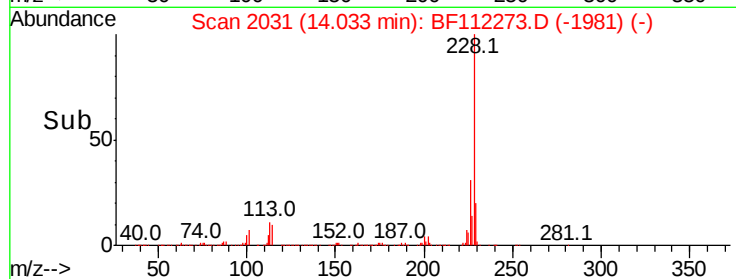
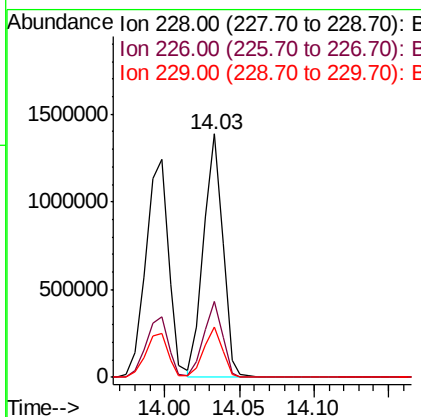
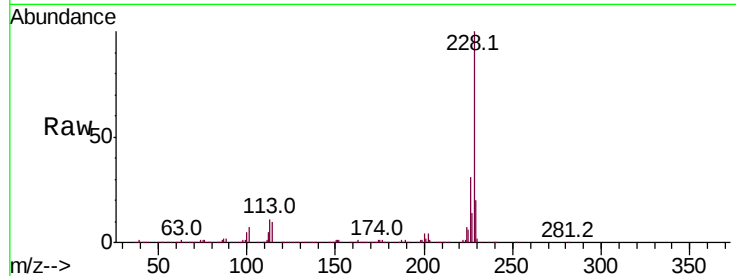
#83
 Chrvsene
 Concen: 37.566 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.5	16.6	24.8

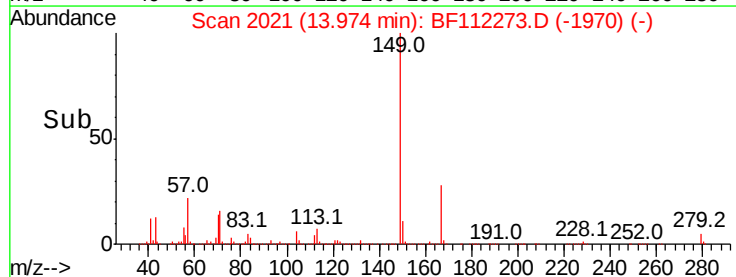
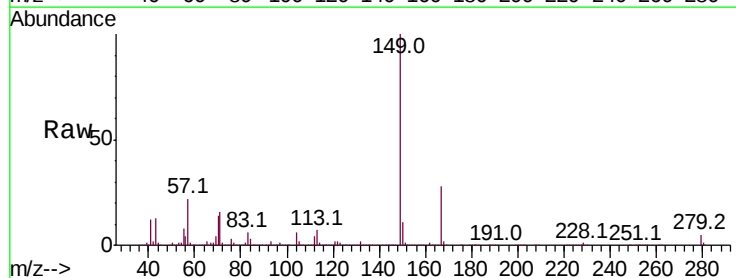
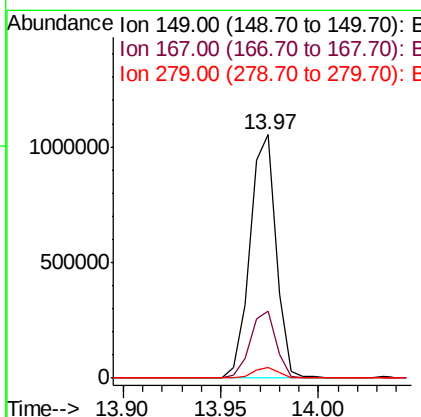
Manual Integrations
 APPROVED

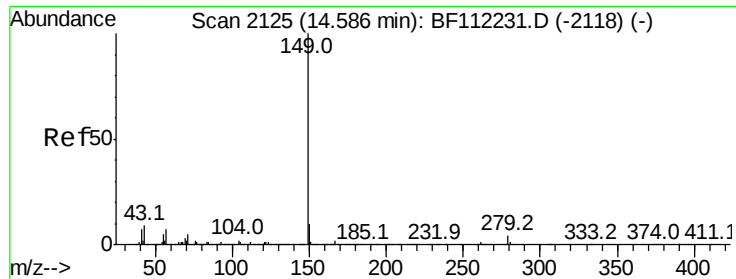
mohammad
 1/29/2019 9:35:01 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.386 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF112273.D
 Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	4.6	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 35.845 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:149 Resp: 1525738

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

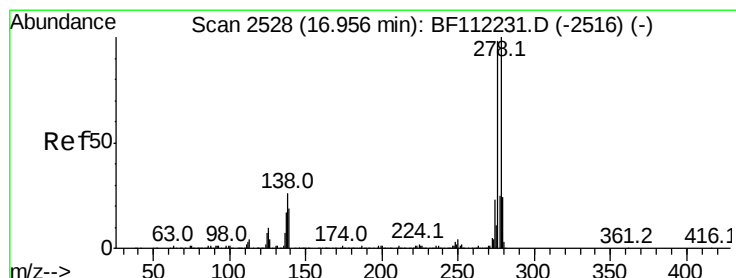
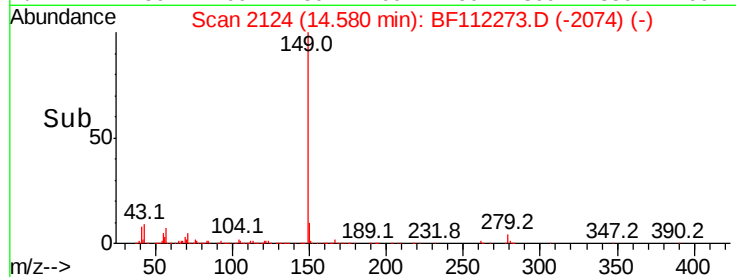
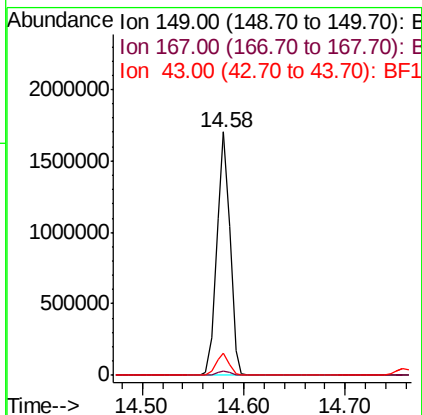
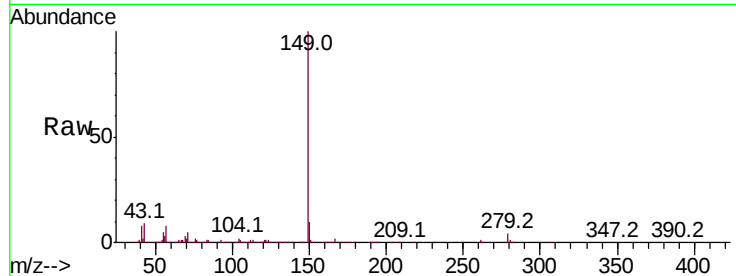
43 8.9 7.8 11.6

Manual Integrations

APPROVED

mohammad

1/29/2019 9:35:01 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.637 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

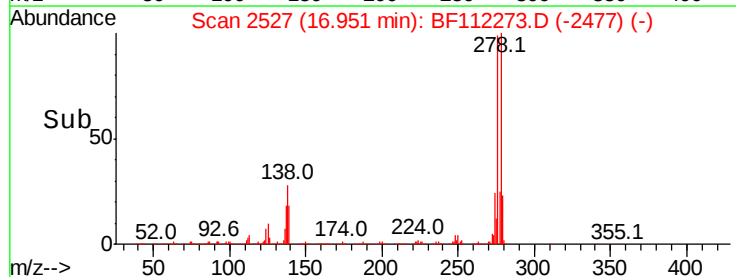
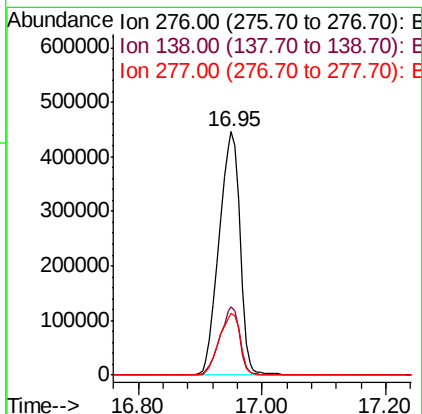
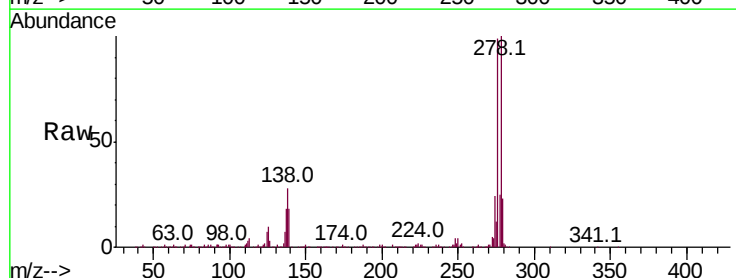
Tgt Ion:276 Resp: 1051321

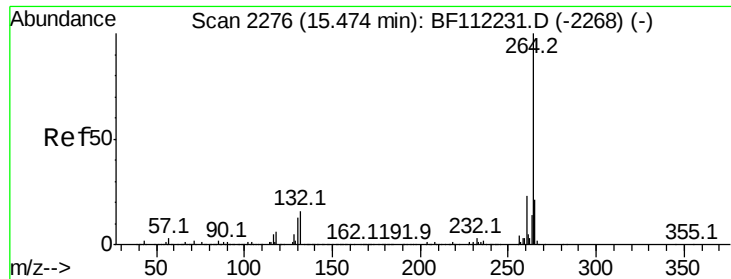
Ion Ratio Lower Upper

276 100

138 26.5 22.6 34.0

277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Instrument :

BNA_F

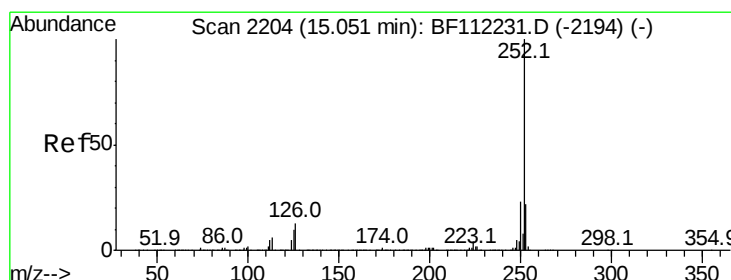
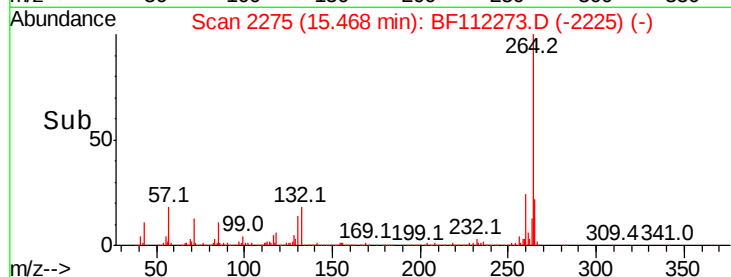
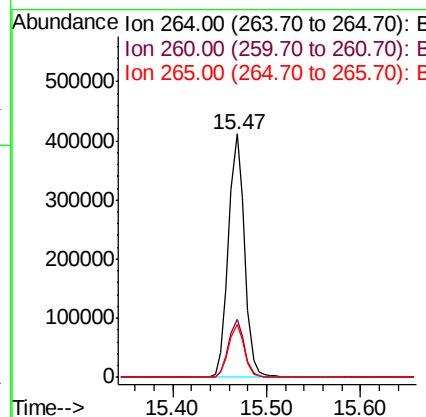
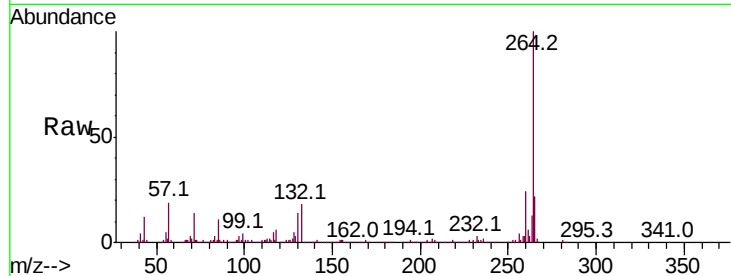
ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:	264	Resp:	492875
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.8	17.0	25.4

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#88

Benzo(b)fluoranthene

Concen: 38.779 ng

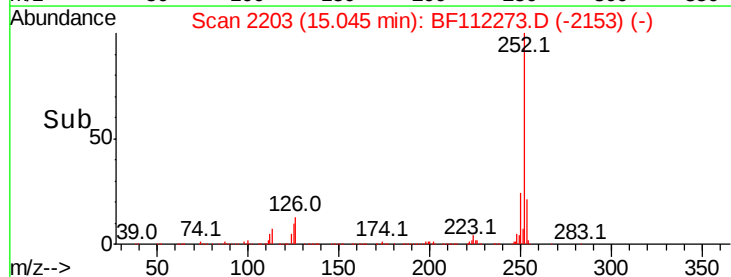
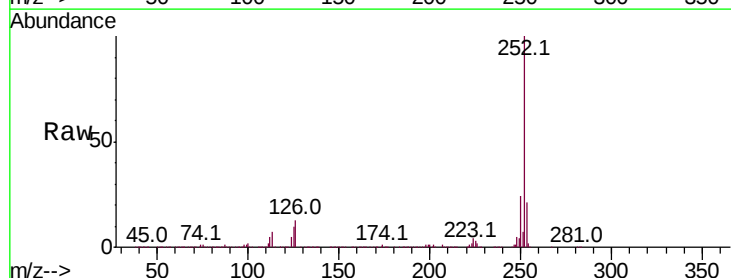
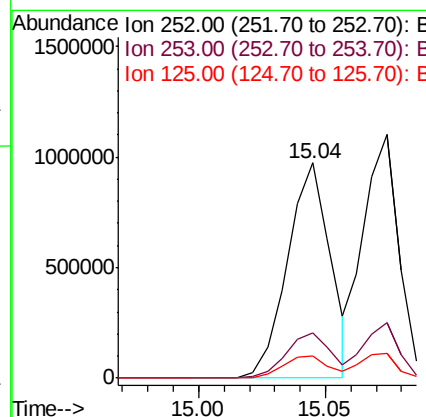
RT: 15.04 min Scan# 2203

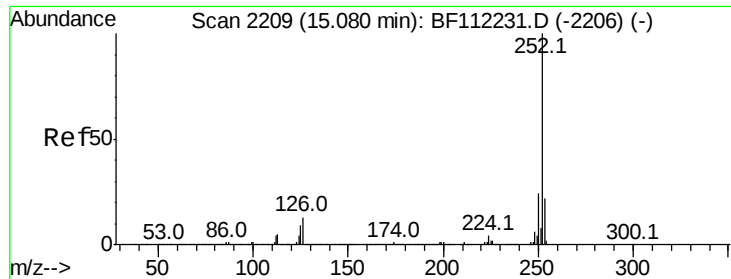
Delta R.T. -0.01 min

Lab File: BF112273.D

Acq: 28 Jan 2019 14:36

Tgt Ion:	252	Resp:	1143073
Ion Ratio		Lower	Upper
252	100		
253	21.3	18.0	27.0
125	10.3	8.7	13.1





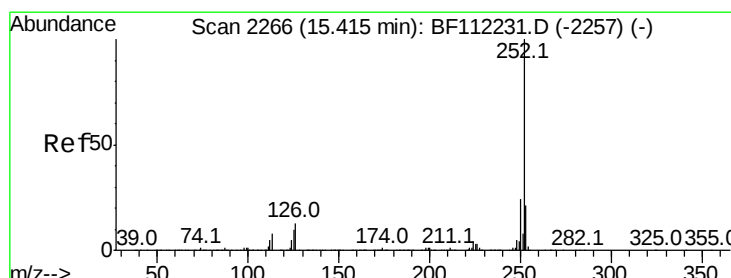
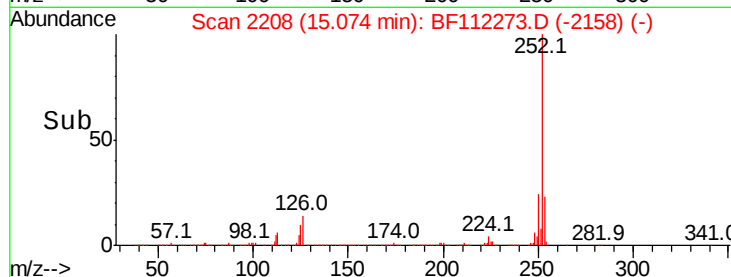
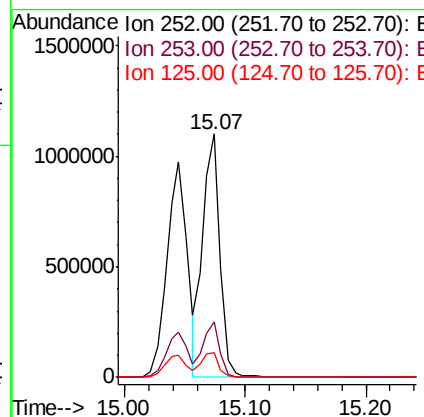
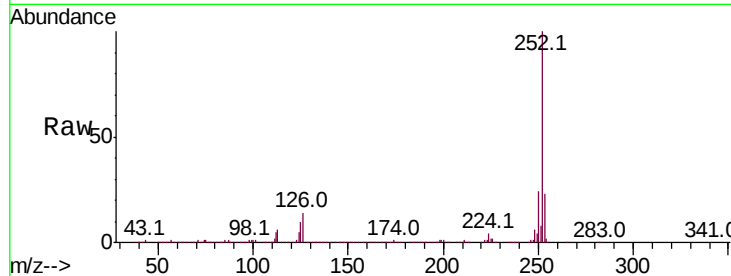
#89
Benzo(k)fluoranthene
Concen: 38.687 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.0	9.1	13.7

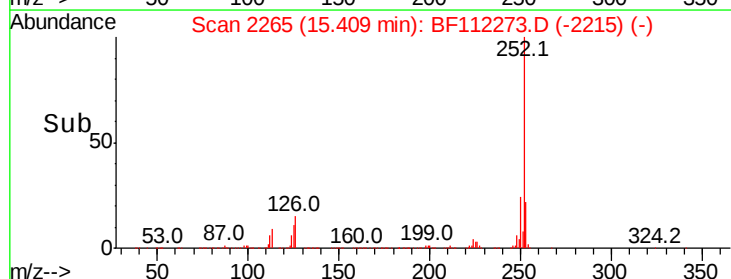
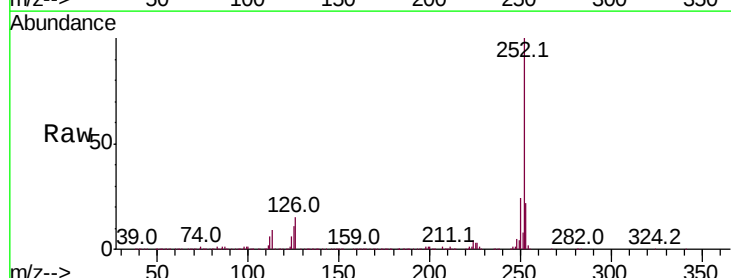
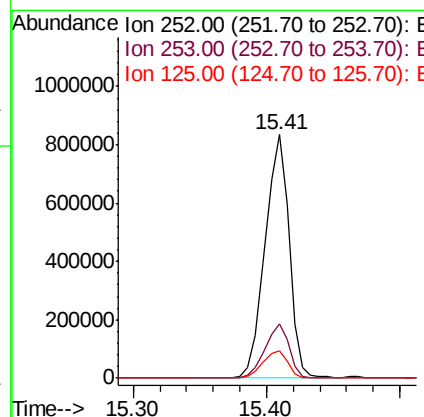
Manual Integrations
APPROVED

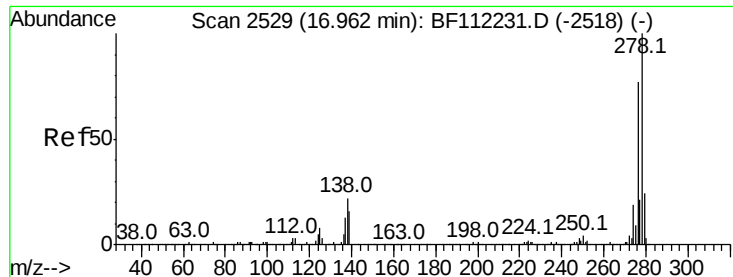
mohammad
1/29/2019 9:35:01 AM



#90
Benzo(a)pyrene
Concen: 39.214 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.5	9.0	13.4





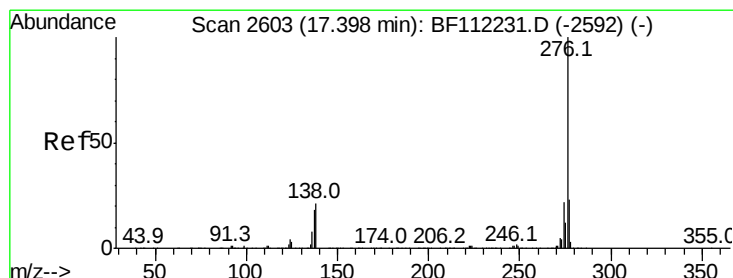
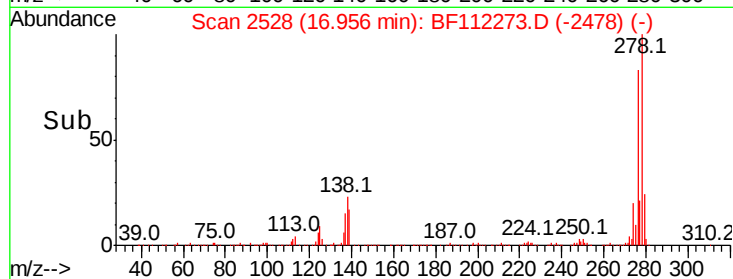
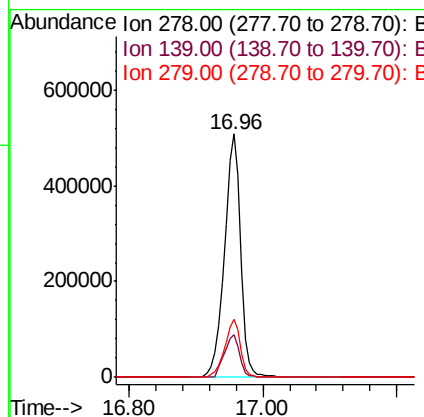
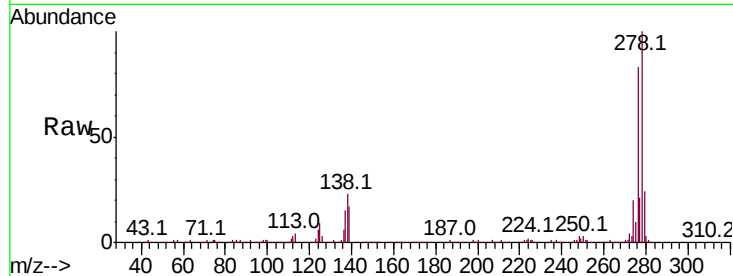
#91
Dibenzo(a,h)anthracene
Concen: 40.830 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 9:35:01 AM



#92
Benzo(g,h,i)perylene
Concen: 43.026 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112273.D
Acq: 28 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	22.5	19.1	28.7

